

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047058.D
 Acq On : 21 Jul 2025 10:50
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	309883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	516282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	223799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178313	46.193	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.380%		
35) Dibromofluoromethane	5.397	113	152747	47.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.840%		
50) Toluene-d8	8.652	98	477108	46.217	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.440%		
62) 4-Bromofluorobenzene	11.079	95	211198	47.473	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	238090	57.844	ug/l	100
3) Chloromethane	1.306	50	216682	53.219	ug/l	100
4) Vinyl Chloride	1.386	62	241663	55.216	ug/l	100
5) Bromomethane	1.617	94	138734	58.354	ug/l	100
6) Chloroethane	1.703	64	145779	50.714	ug/l	100
7) Trichlorofluoromethane	1.904	101	358904	54.994	ug/l	100
8) Diethyl Ether	2.148	74	120887	52.535	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	209152	53.194	ug/l	100
10) Methyl Iodide	2.471	142	225356	56.237	ug/l	100
11) Tert butyl alcohol	2.958	59	113517	251.629	ug/l	100
12) 1,1-Dichloroethene	2.337	96	208894	53.640	ug/l	100
13) Acrolein	2.251	56	214749	258.372	ug/l	100
14) Allyl chloride	2.678	41	383854	54.528	ug/l	100
15) Acrylonitrile	3.074	53	510056	277.051	ug/l	100
16) Acetone	2.385	43	390060	252.239	ug/l	100
17) Carbon Disulfide	2.532	76	600045	53.261	ug/l	100
18) Methyl Acetate	2.715	43	213070	51.848	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	636699	53.721	ug/l	100
20) Methylene Chloride	2.806	84	223713	52.585	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	215393	54.049	ug/l	100
22) Diisopropyl ether	3.769	45	731970	54.083	ug/l	100
23) Vinyl Acetate	3.733	43	3005277	276.847	ug/l	100
24) 1,1-Dichloroethane	3.623	63	402810	53.522	ug/l	100
25) 2-Butanone	4.562	43	605614	268.961	ug/l	100
26) 2,2-Dichloropropane	4.489	77	303417	52.081	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	250112	53.001	ug/l	100
28) Bromochloromethane	4.909	49	188828	54.536	ug/l	100
29) Tetrahydrofuran	5.013	42	397391	273.532	ug/l	100
30) Chloroform	5.104	83	399454	52.141	ug/l	100
31) Cyclohexane	5.482	56	376396	52.159	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	349090	52.462	ug/l	100
36) 1,1-Dichloropropene	5.702	75	282151	51.926	ug/l	100
37) Ethyl Acetate	4.720	43	263866	55.103	ug/l	100
38) Carbon Tetrachloride	5.690	117	306989	52.934	ug/l	100
39) Methylcyclohexane	7.384	83	360702	53.168	ug/l	100
40) Benzene	6.043	78	851995	54.180	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	150516	57.494	ug/l	100
42) 1,2-Dichloroethane	6.098	62	297385	53.686	ug/l	100
43) Isopropyl Acetate	6.348	43	438617	56.192	ug/l	100
44) Trichloroethene	7.128	130	216747	53.751	ug/l	100
45) 1,2-Dichloropropane	7.433	63	210862	53.539	ug/l	100
46) Dibromomethane	7.586	93	151672	54.916	ug/l	100
47) Bromodichloromethane	7.823	83	318771	54.225	ug/l	100
48) Methyl methacrylate	7.695	41	227033	53.391	ug/l	100
49) 1,4-Dioxane	7.659	88	53924	1114.967	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1282299	276.384	ug/l	100
52) Toluene	8.720	92	524916	54.288	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	305568	55.044	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	337057	55.475	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	194314	53.587	ug/l	100
56) Ethyl methacrylate	9.116	69	307494	57.281	ug/l	100
57) 1,3-Dichloropropane	9.305	76	337106	53.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	833190	278.917	ug/l	100
59) 2-Hexanone	9.427	43	886635	289.252	ug/l	100
60) Dibromochloromethane	9.518	129	229147	53.881	ug/l	100
61) 1,2-Dibromoethane	9.610	107	204078	53.823	ug/l	100
64) Tetrachloroethene	9.274	164	174727	52.173	ug/l	100
65) Chlorobenzene	10.079	112	571696	52.530	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	194777	53.158	ug/l	100
67) Ethyl Benzene	10.195	91	1023986	53.812	ug/l	100
68) m/p-Xylenes	10.299	106	759689	106.683	ug/l	100
69) o-Xylene	10.640	106	364689	53.834	ug/l	100
70) Styrene	10.652	104	632474	54.447	ug/l	100
71) Bromoform	10.798	173	150938	54.228	ug/l	100
73) Isopropylbenzene	10.963	105	964411	54.621	ug/l	100
74) N-amyl acetate	10.841	43	399297	56.697	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	270685	53.670	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	221713m	53.523	ug/l	
77) Bromobenzene	11.195	156	227531	53.727	ug/l	100
78) n-propylbenzene	11.304	91	1145472	54.290	ug/l	100
79) 2-Chlorotoluene	11.359	91	677779	53.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	788518	54.057	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	87538	54.445	ug/l	100
82) 4-Chlorotoluene	11.451	91	798628	54.249	ug/l	100
83) tert-Butylbenzene	11.713	119	802592	54.819	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	800479	55.018	ug/l	100
85) sec-Butylbenzene	11.890	105	984328	53.809	ug/l	100
86) p-Isopropyltoluene	12.006	119	829044	54.651	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	427108	53.079	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	423743	51.978	ug/l	100
89) n-Butylbenzene	12.329	91	773506	54.372	ug/l	100
90) Hexachloroethane	12.536	117	146577	54.011	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	408192	53.076	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	53563	55.328	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	274012	53.926	ug/l	100
94) Hexachlorobutadiene	13.725	225	90816	52.553	ug/l	100
95) Naphthalene	13.774	128	839990	56.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	262282	53.580	ug/l	100

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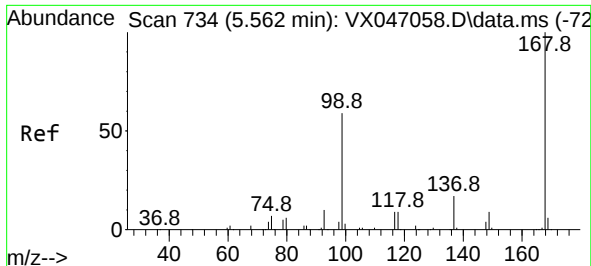
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

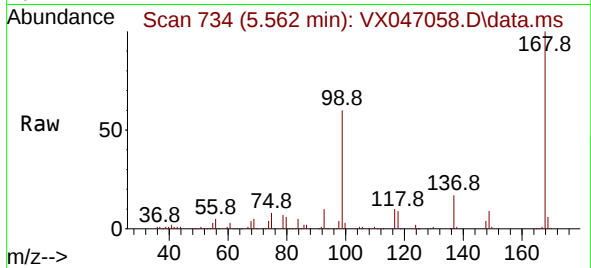
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

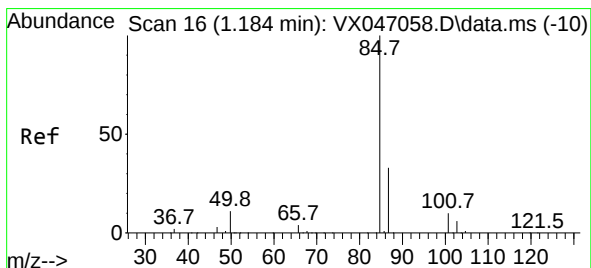
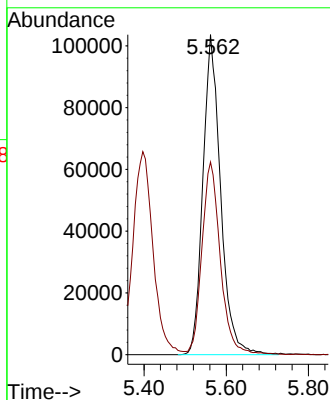
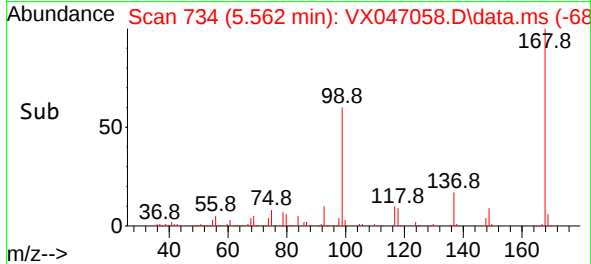
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 30988
Ion Ratio Lower Upper
168 100
99 60.0 48.0 72.0

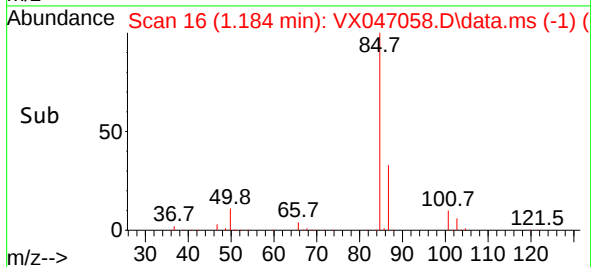
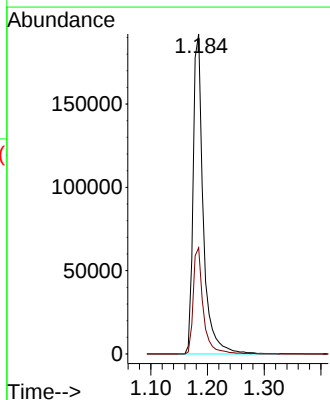
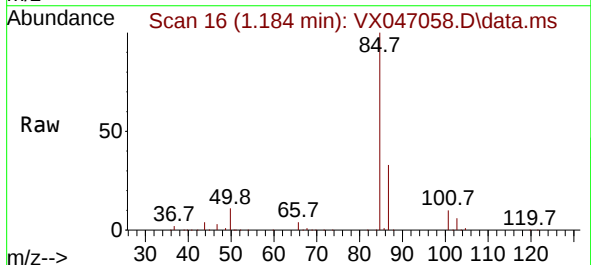
Manual Integrations
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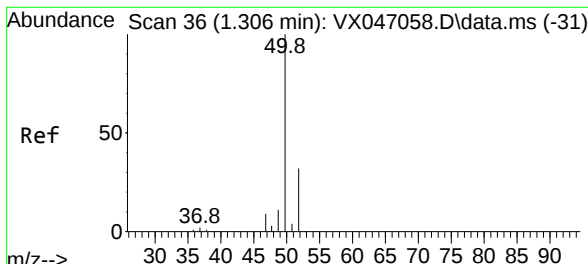
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#2
Dichlorodifluoromethane
Concen: 57.844 ug/l
RT: 1.184 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

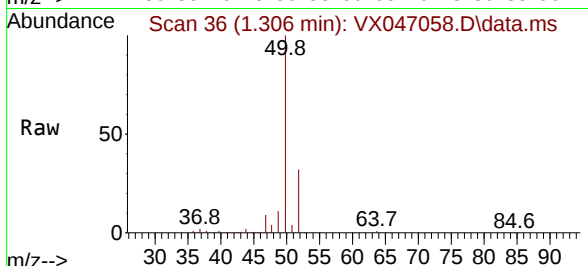
Tgt Ion: 85 Resp: 238090
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8





#3
Chloromethane
Concen: 53.219 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

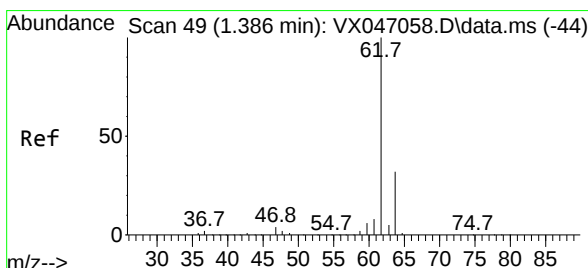
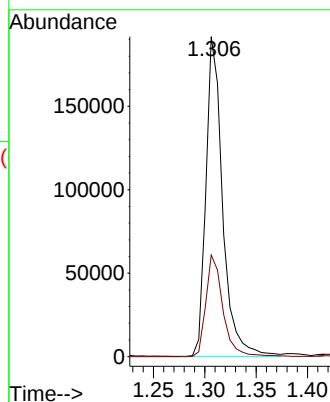
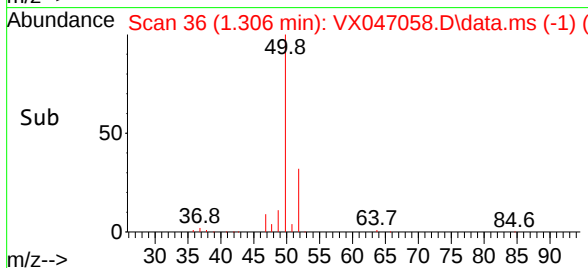
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 21668
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

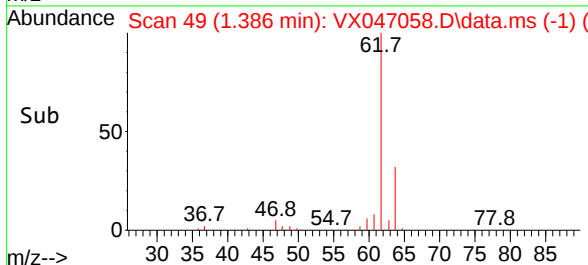
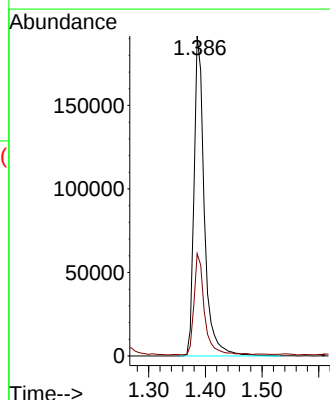
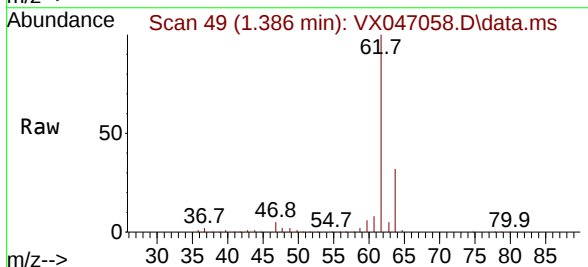
Manual Integrations
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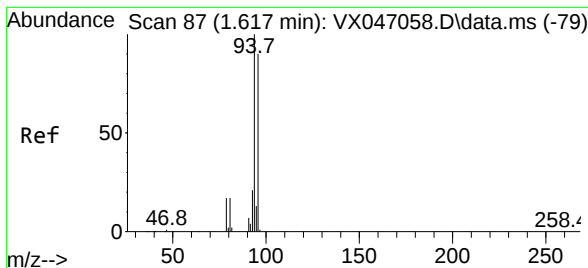
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#4
Vinyl Chloride
Concen: 55.216 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion: 62 Resp: 241663
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5

Bromomethane

Concen: 58.354 ug/l

RT: 1.617 min Scan# 87

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 138734

Ion Ratio Lower Upper

94 100

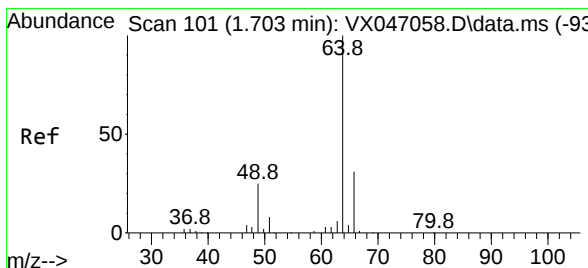
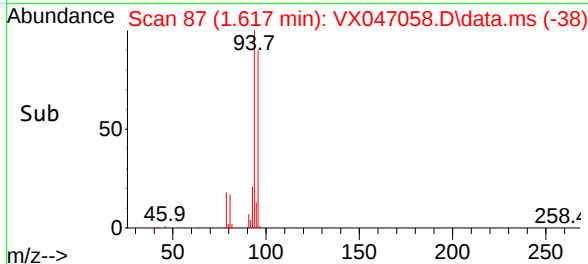
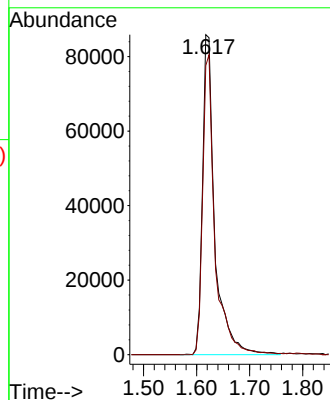
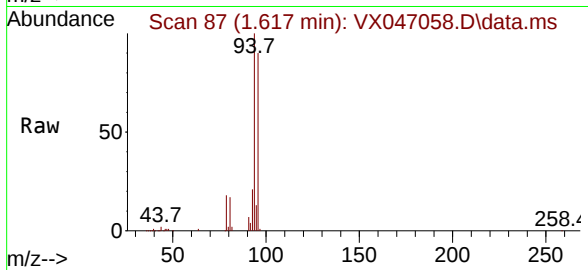
96 90.4 72.3 108.5

Manual Integrations

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#6

Chloroethane

Concen: 50.714 ug/l

RT: 1.703 min Scan# 101

Delta R.T. 0.000 min

Lab File: VX047058.D

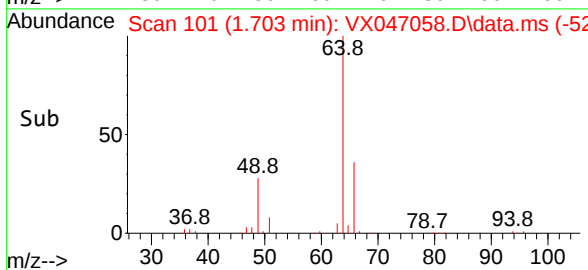
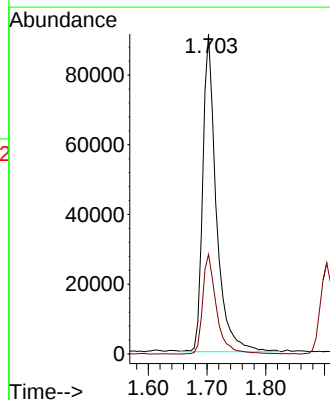
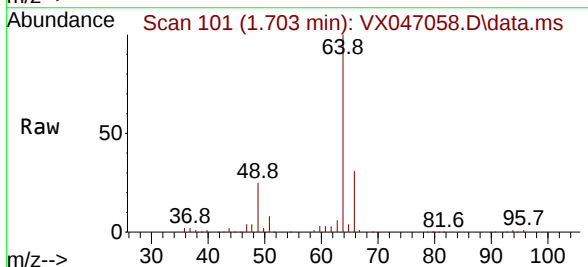
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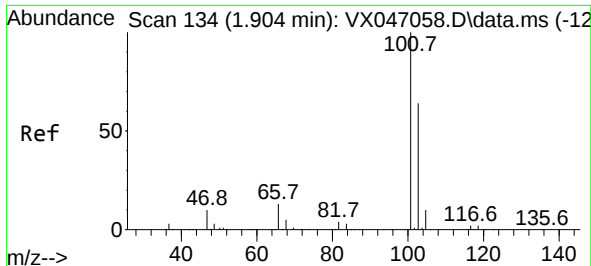
Tgt Ion: 64 Resp: 145779

Ion Ratio Lower Upper

64 100

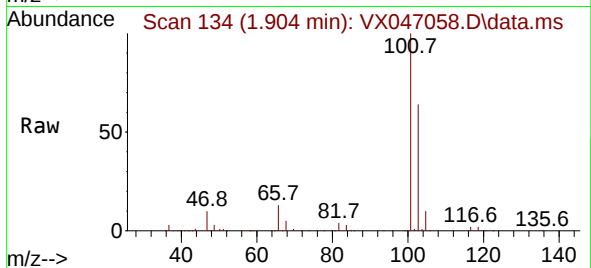
66 31.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 54.994 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047058.D
 Acq: 21 Jul 2025 10:50

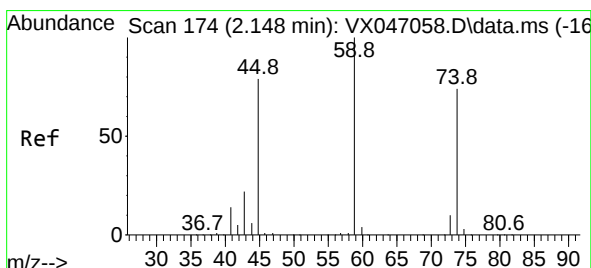
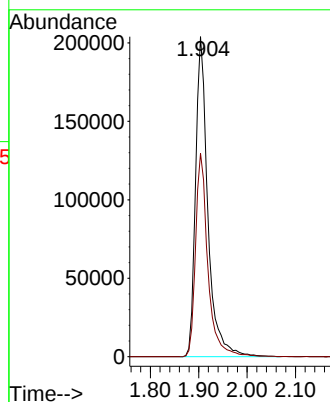
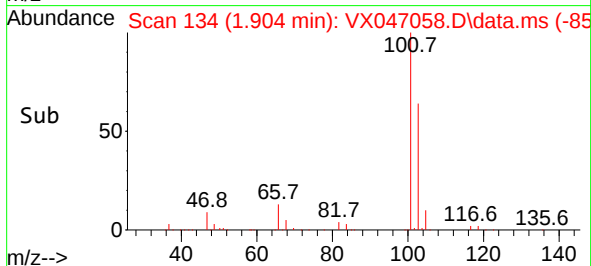
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 358904
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3

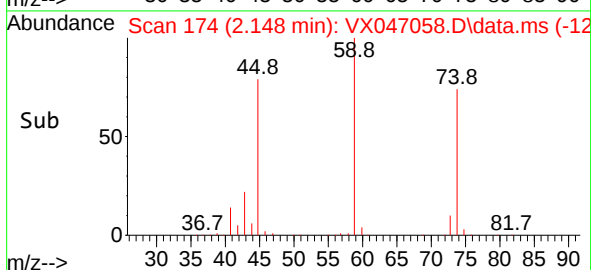
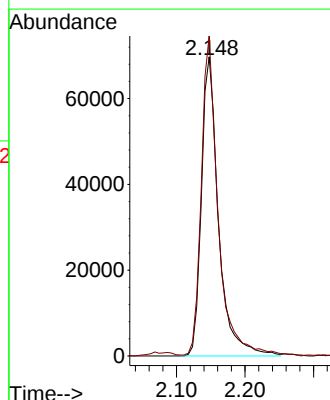
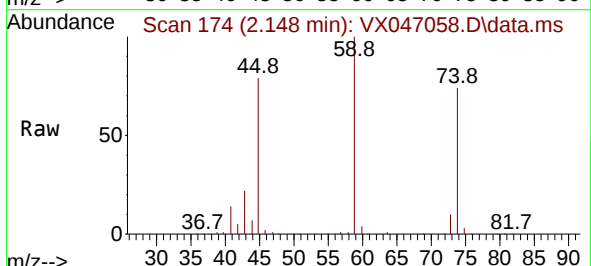
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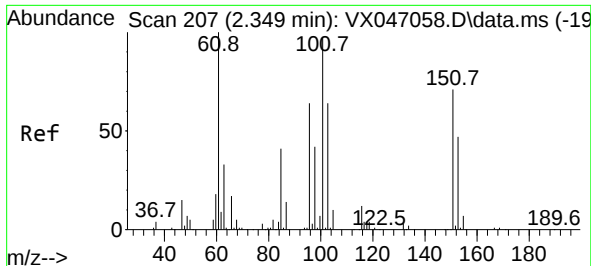
Reviewed By :John Carlone 07/22/2025
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#8
 Diethyl Ether
 Concen: 52.535 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047058.D
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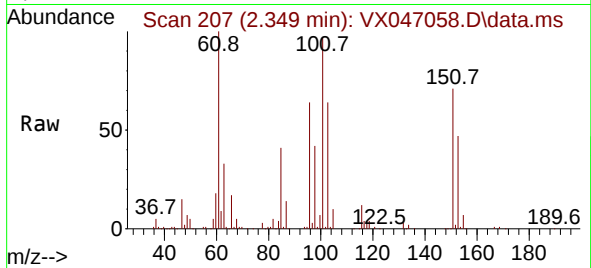
Tgt Ion: 74 Resp: 120887
 Ion Ratio Lower Upper
 74 100
 45 106.0 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.194 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

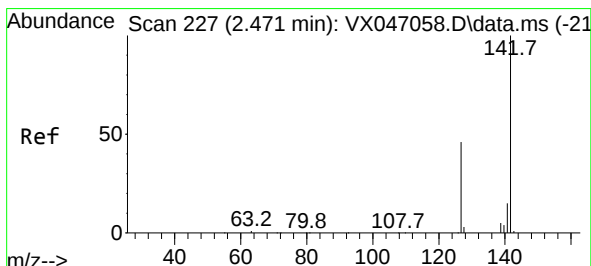
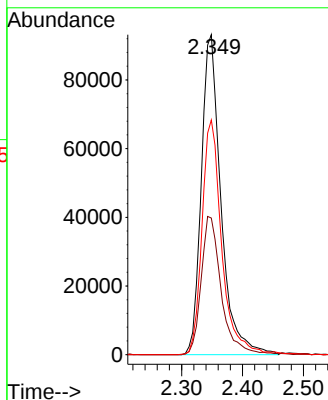
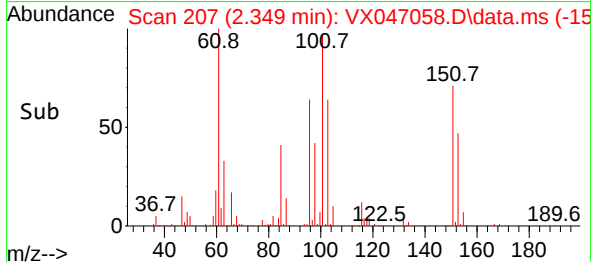
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



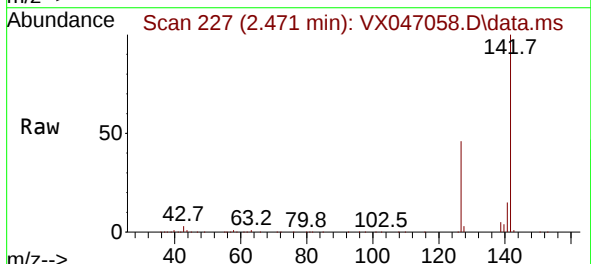
Tgt Ion:101 Resp: 209152
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 74.0 59.2 88.8

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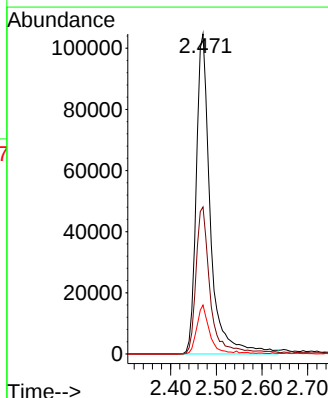
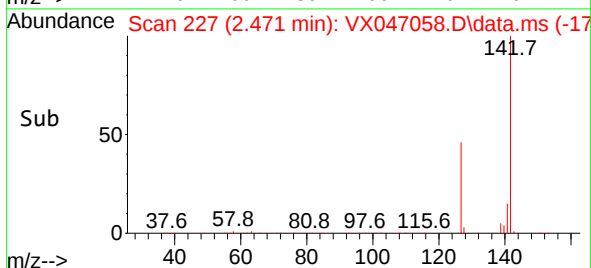
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

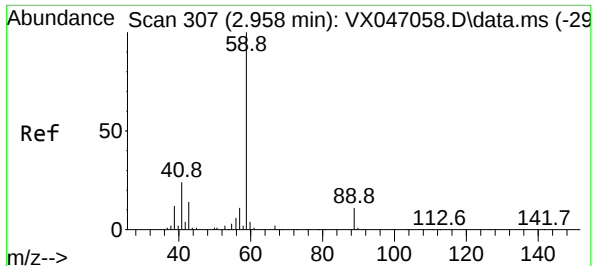


#10
Methyl Iodide
Concen: 56.237 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



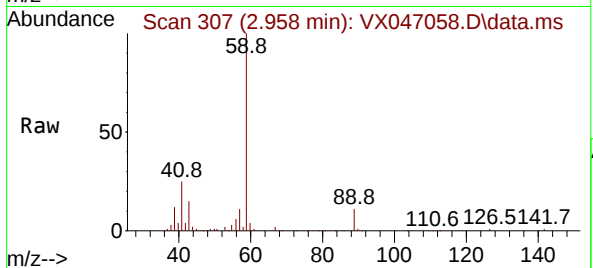
Tgt Ion:142 Resp: 225356
Ion Ratio Lower Upper
142 100
127 45.7 36.6 54.8
141 13.6 10.9 16.3





#11
Tert butyl alcohol
Concen: 251.629 ug/l
RT: 2.958 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

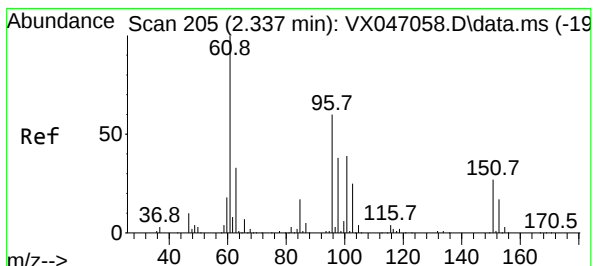
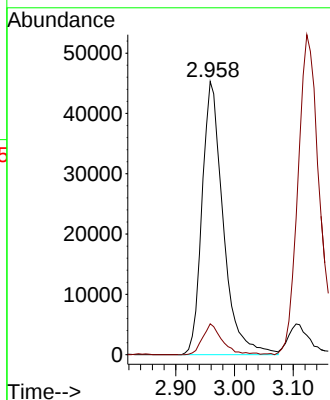
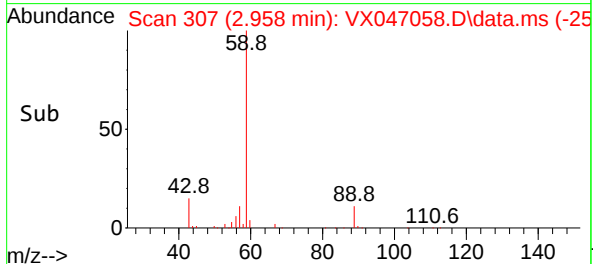
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



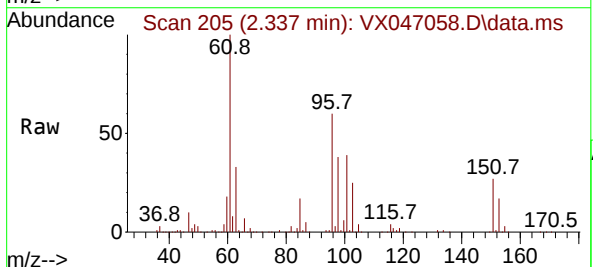
Tgt Ion: 59 Resp: 113517
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
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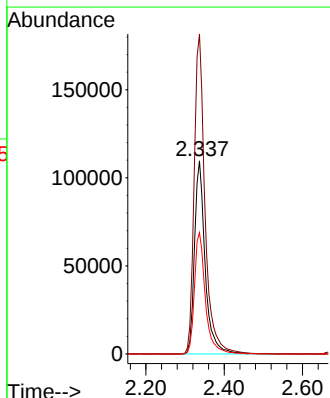
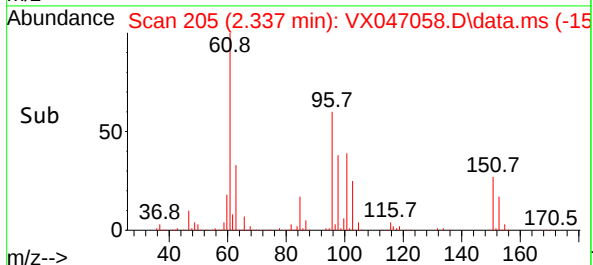
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

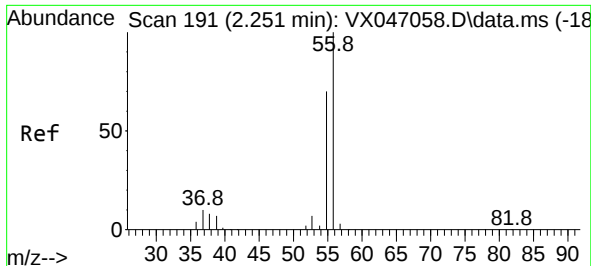


#12
1,1-Dichloroethene
Concen: 53.640 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



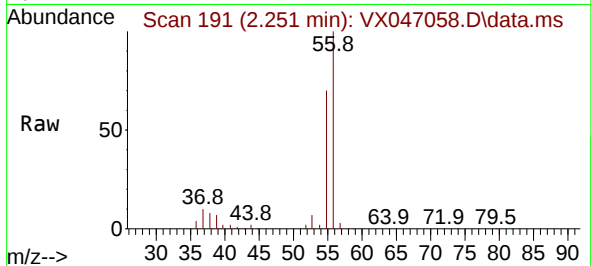
Tgt Ion: 96 Resp: 208894
Ion Ratio Lower Upper
96 100
61 165.7 132.6 198.8
98 62.8 50.2 75.4





#13
Acrolein
Concen: 258.372 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

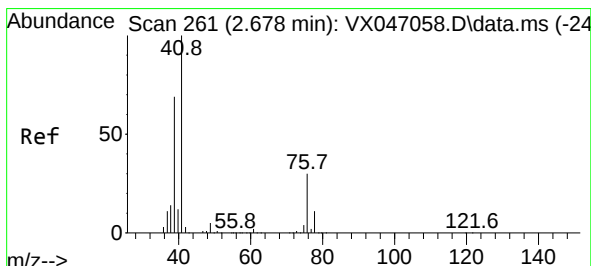
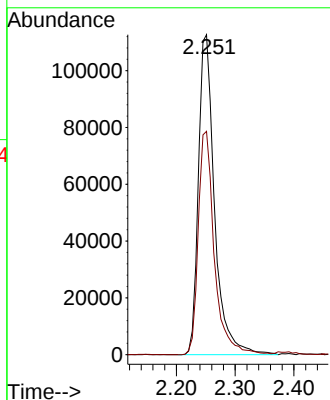
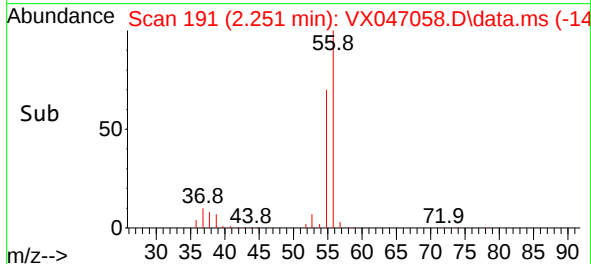
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 214749
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5

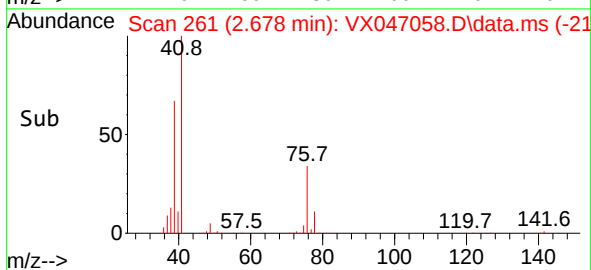
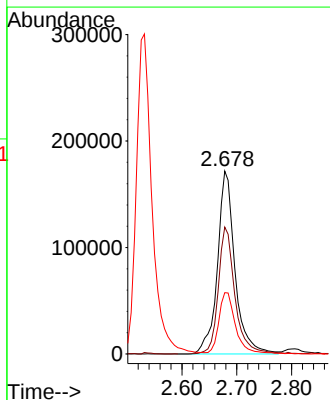
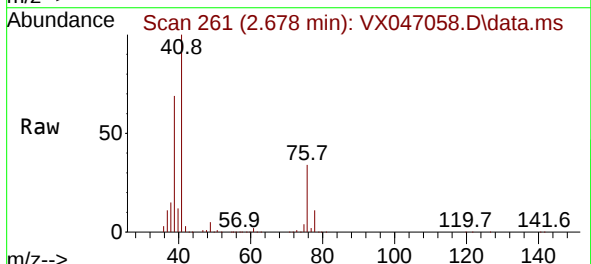
Manual Integrations
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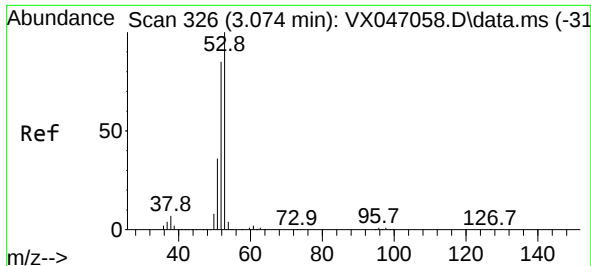
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#14
Allyl chloride
Concen: 54.528 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

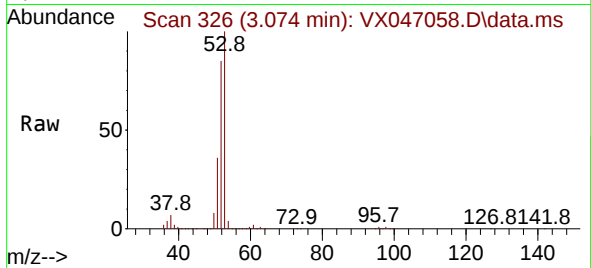
Tgt Ion: 41 Resp: 383854
Ion Ratio Lower Upper
41 100
39 65.7 52.6 78.8
76 32.1 25.7 38.5





#15
Acrylonitrile
Concen: 277.051 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

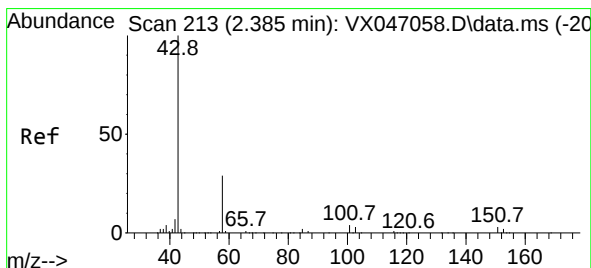
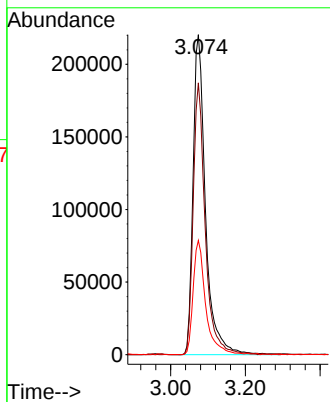
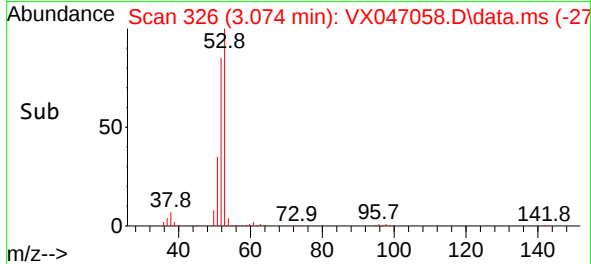
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 51050
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 36.0 28.8 43.2

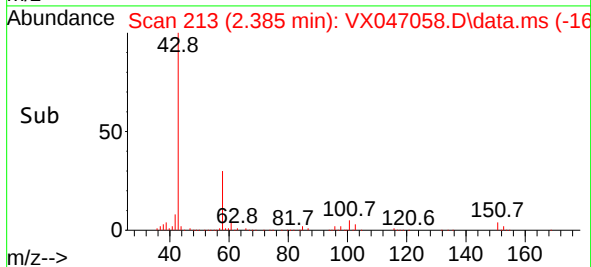
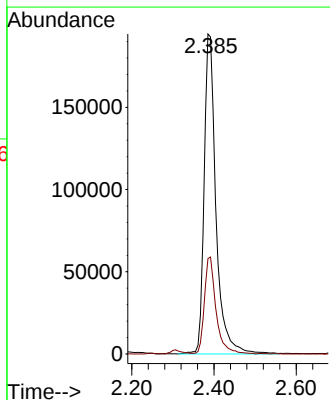
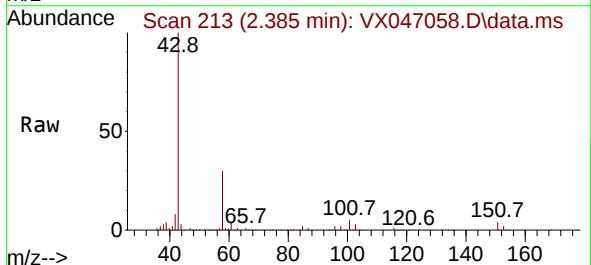
Manual Integrations
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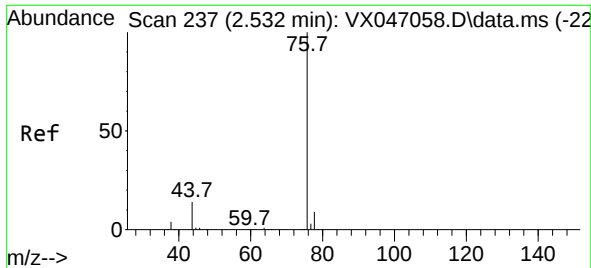
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#16
Acetone
Concen: 252.239 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion: 43 Resp: 390060
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0





#17

Carbon Disulfide

Concen: 53.261 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 60004

Ion Ratio Lower Upper

76 100

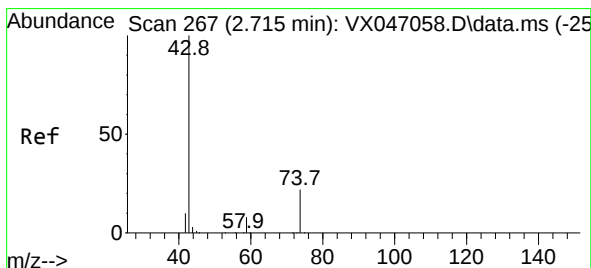
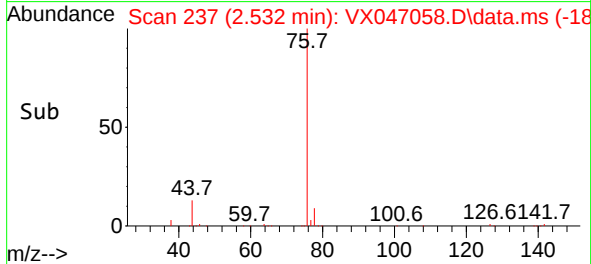
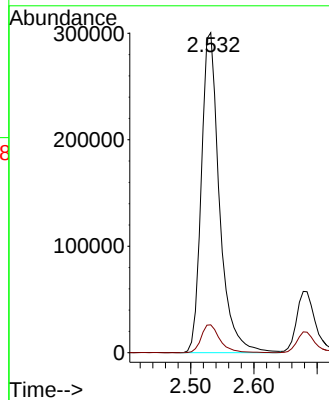
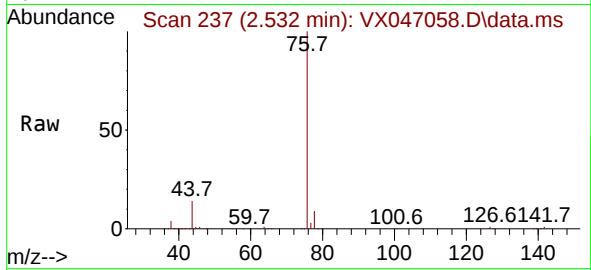
78 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#18

Methyl Acetate

Concen: 51.848 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047058.D

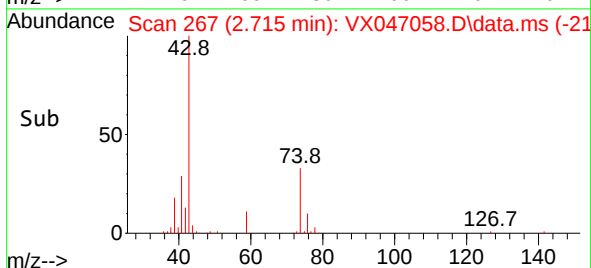
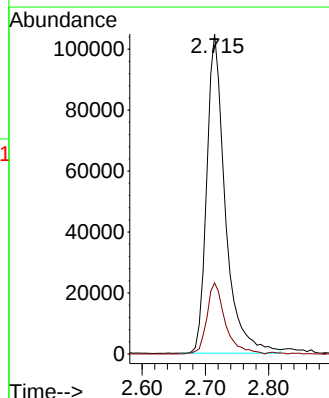
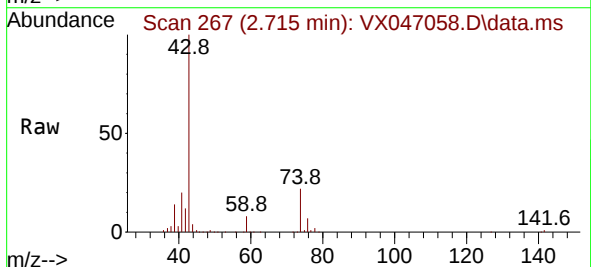
Acq: 21 Jul 2025 10:50

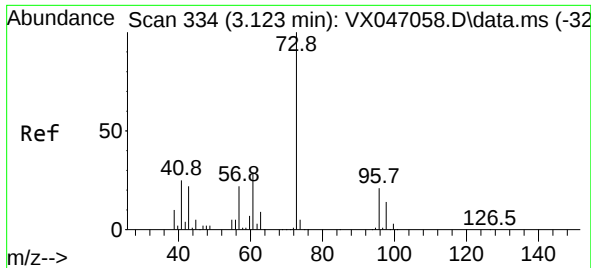
Tgt Ion: 43 Resp: 213070

Ion Ratio Lower Upper

43 100

74 22.1 17.7 26.5





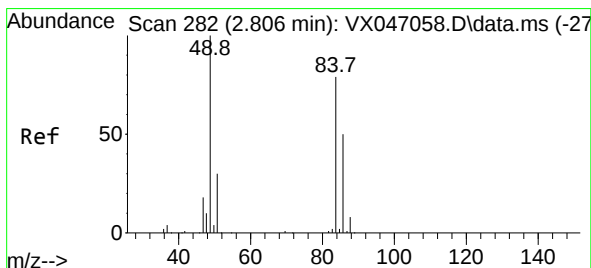
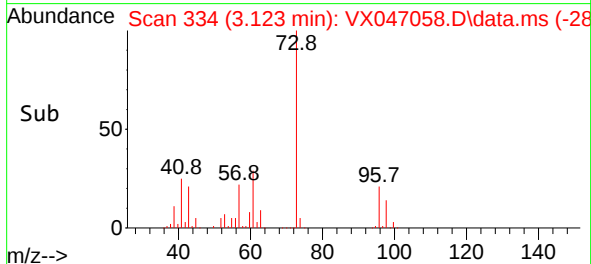
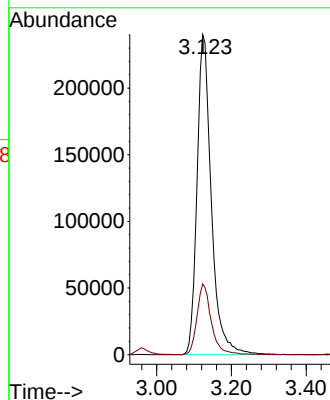
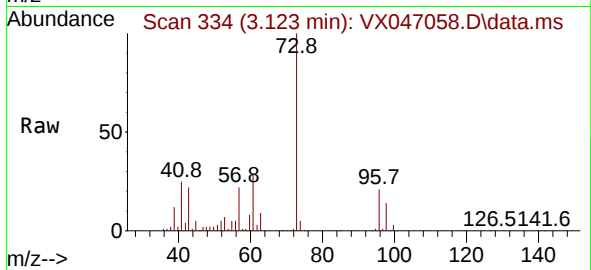
#19
Methyl tert-butyl Ether
Concen: 53.721 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 63669
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

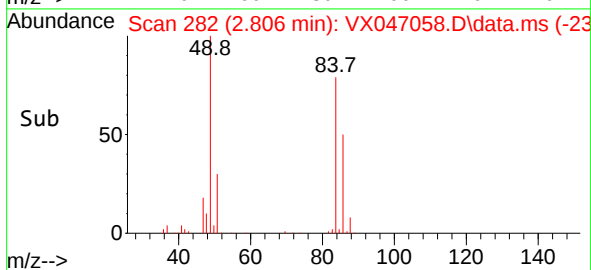
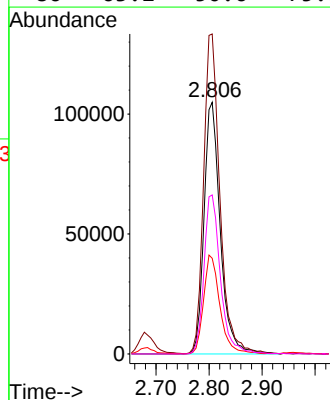
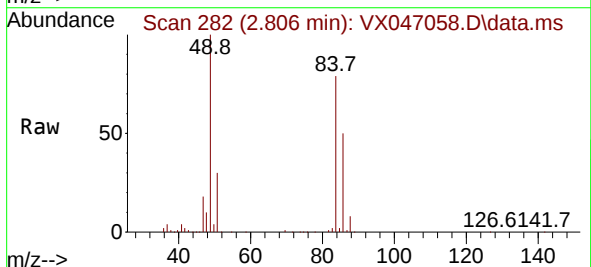
Manual Integrations
APPROVED

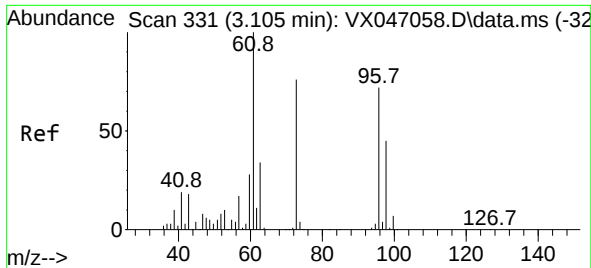
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#20
Methylene Chloride
Concen: 52.585 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

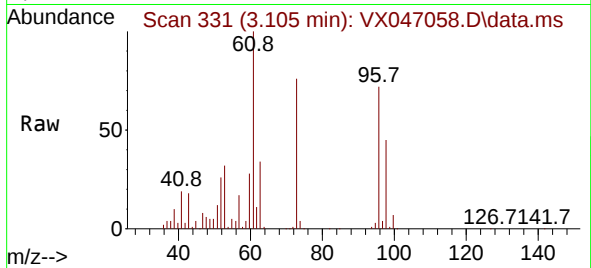
Tgt Ion: 84 Resp: 223713
Ion Ratio Lower Upper
84 100
49 127.0 101.6 152.4
51 37.9 30.3 45.5
86 63.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 54.049 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

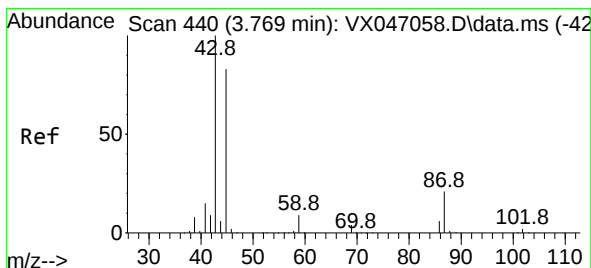
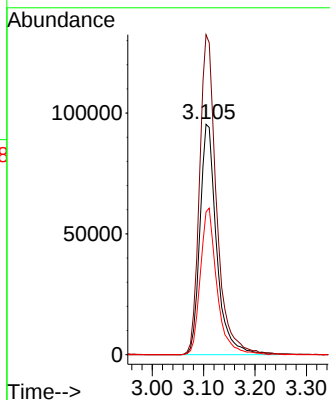
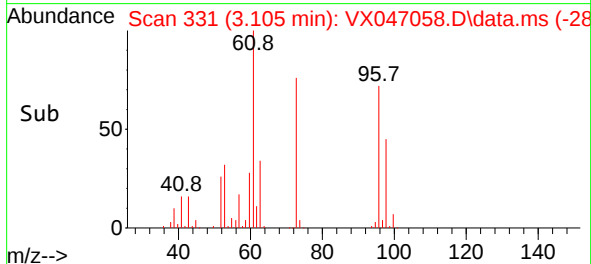
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 21539
Ion Ratio Lower Upper
96 100
61 138.9 111.1 166.7
98 62.0 49.6 74.4

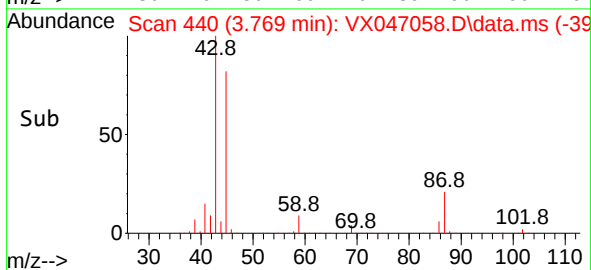
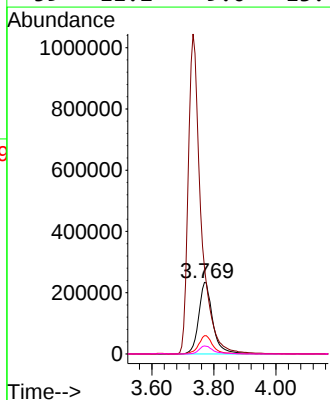
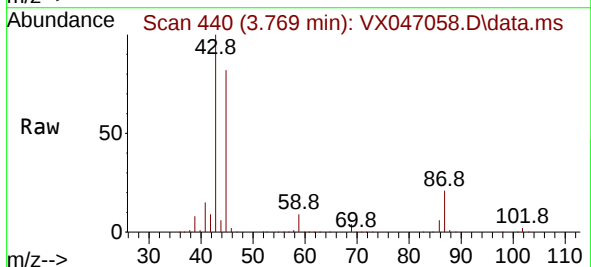
Manual Integrations
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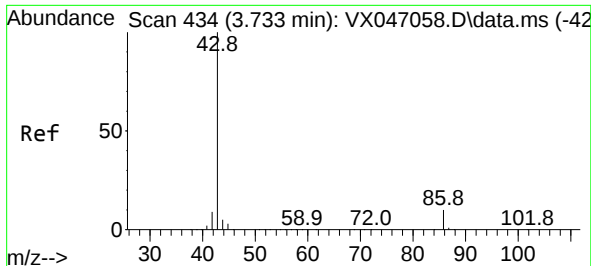
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#22
Diisopropyl ether
Concen: 54.083 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

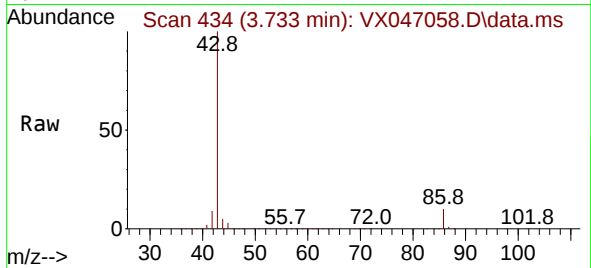
Tgt Ion: 45 Resp: 731970
Ion Ratio Lower Upper
45 100
43 121.0 96.8 145.2
87 25.6 20.5 30.7
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 276.847 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047058.D
 Acq: 21 Jul 2025 10:50

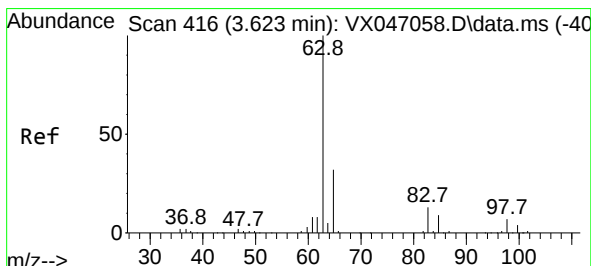
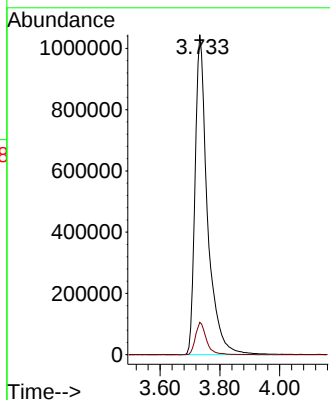
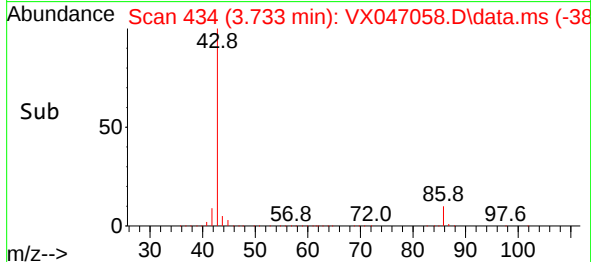
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



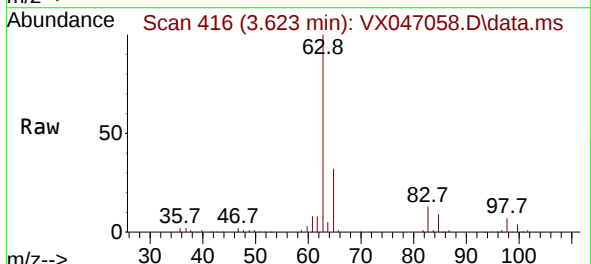
Tgt Ion: 43 Resp: 300527
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

Manual Integrations
 APPROVED

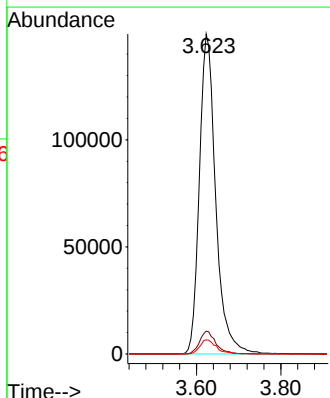
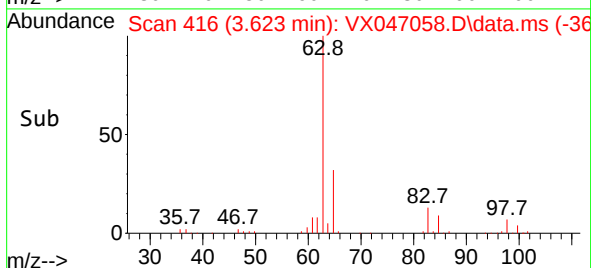
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

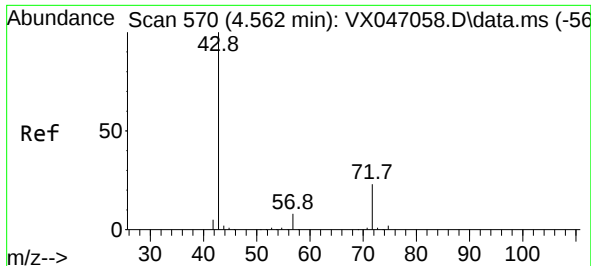


#24
 1,1-Dichloroethane
 Concen: 53.522 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047058.D
 Acq: 21 Jul 2025 10:50



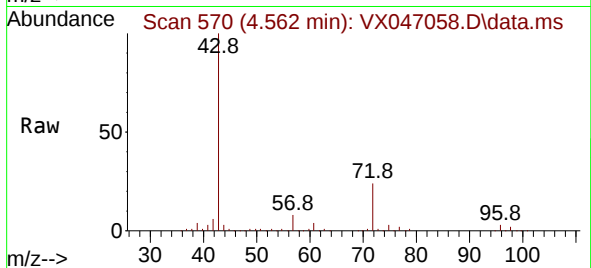
Tgt Ion: 63 Resp: 402810
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 268.961 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

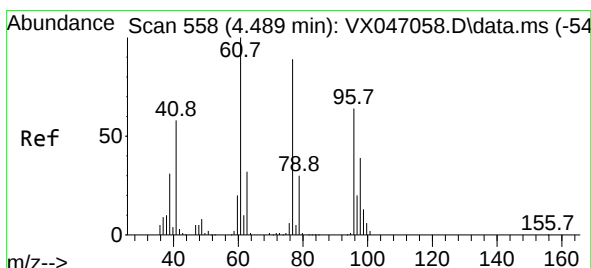
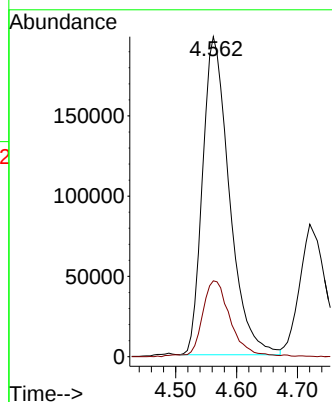
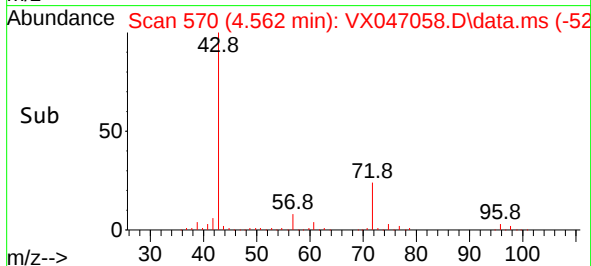
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 605614
Ion Ratio Lower Upper
43 100
72 23.5 18.8 28.2

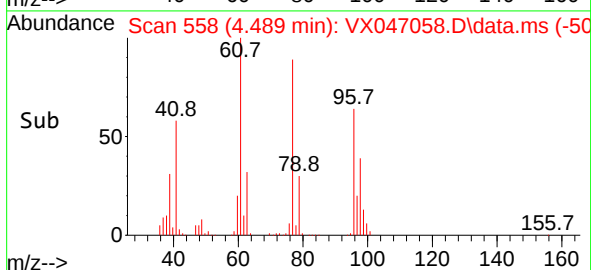
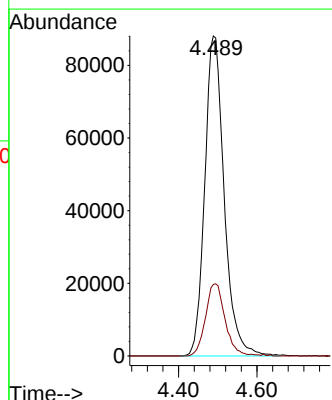
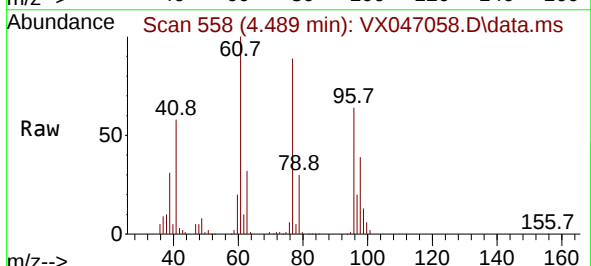
Manual Integrations
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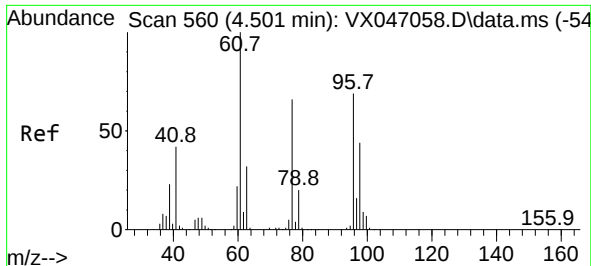
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#26
2,2-Dichloropropane
Concen: 52.081 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion: 77 Resp: 303417
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.001 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 25011

Ion Ratio Lower Upper

96 100

61 149.3 0.0 298.6

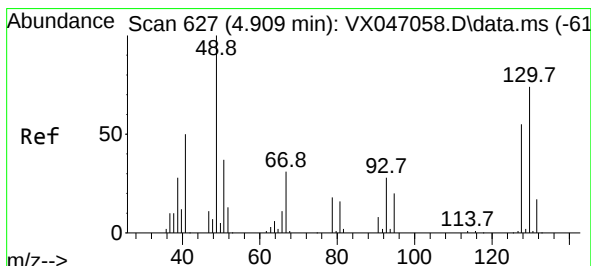
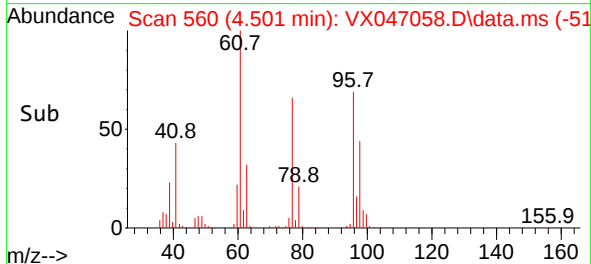
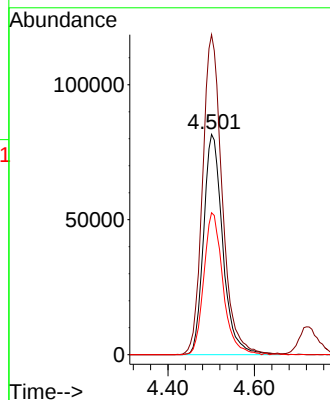
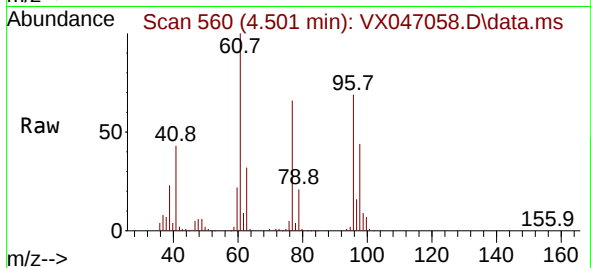
98 64.4 0.0 128.8

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#28

Bromochloromethane

Concen: 54.536 ug/l

RT: 4.909 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

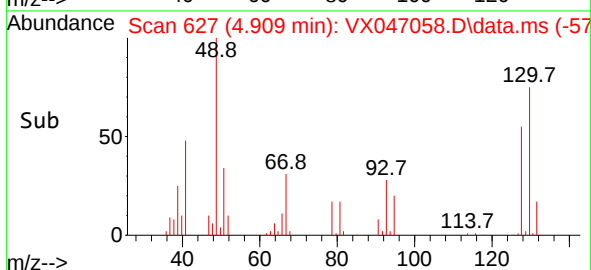
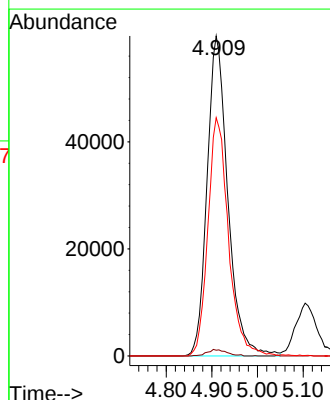
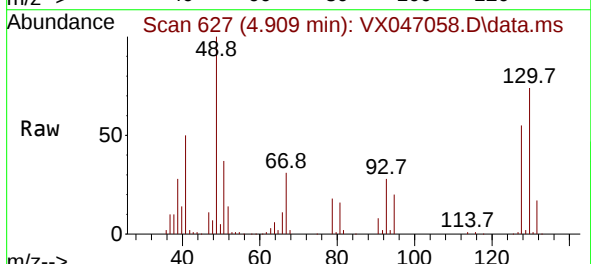
Tgt Ion: 49 Resp: 188828

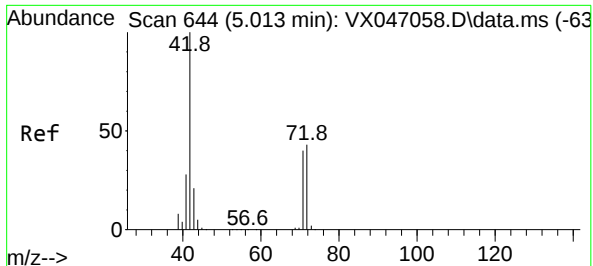
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 73.7 59.0 88.4





#29

Tetrahydrofuran

Concen: 273.532 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

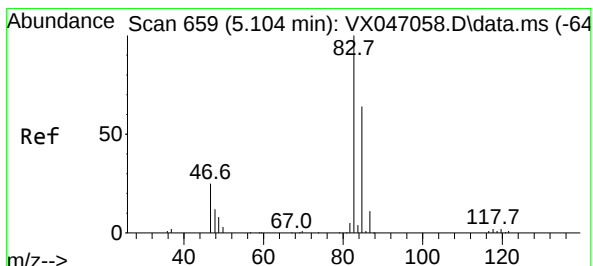
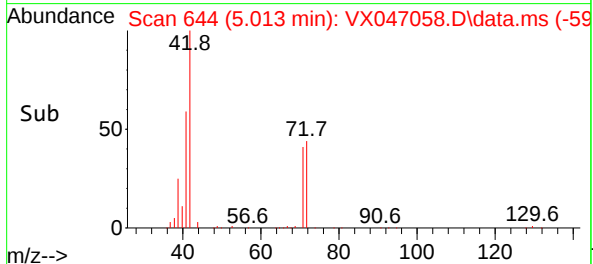
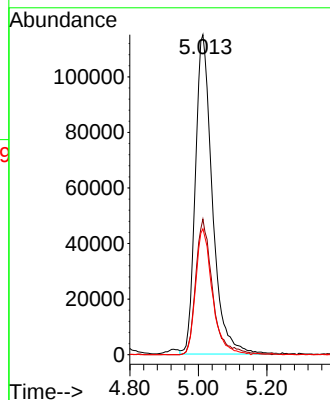
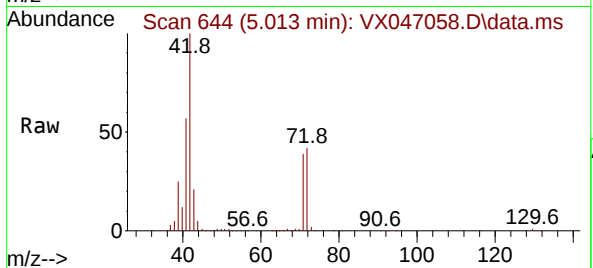
Tgt Ion: 42 Resp: 397391
 Ion Ratio Lower Upper
 42 100
 72 42.1 33.7 50.5
 71 38.7 31.0 46.4

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#30

Chloroform

Concen: 52.141 ug/l

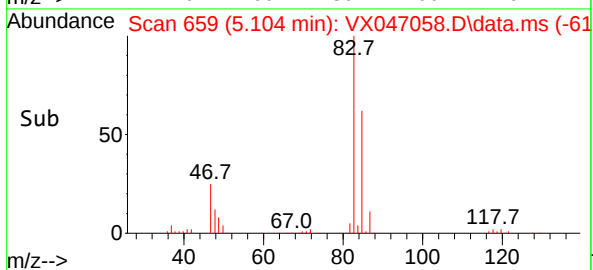
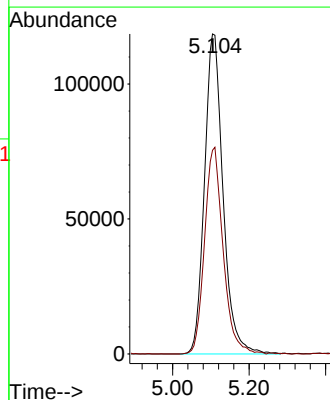
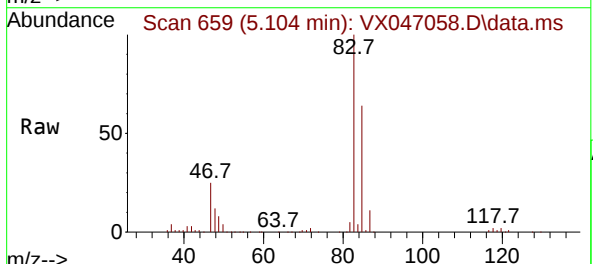
RT: 5.104 min Scan# 659

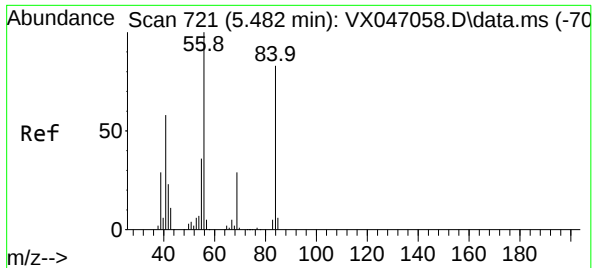
Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

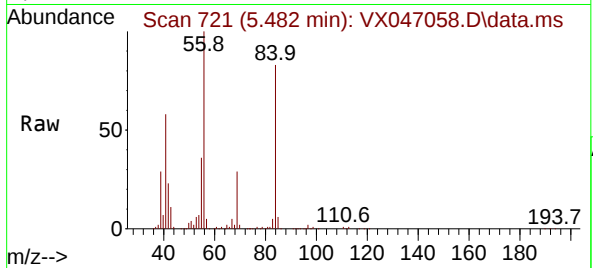
Tgt Ion: 83 Resp: 399454
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.9 76.3





#31
Cyclohexane
Concen: 52.159 ug/l
RT: 5.482 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

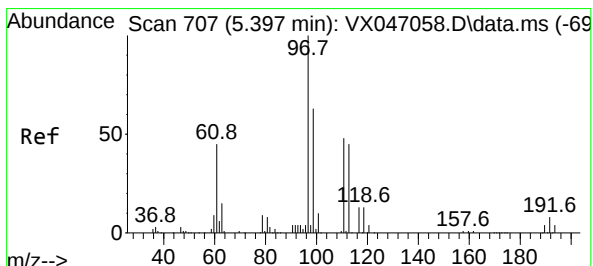
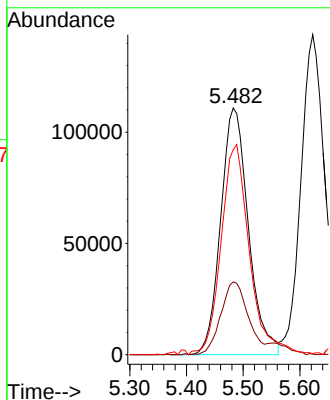
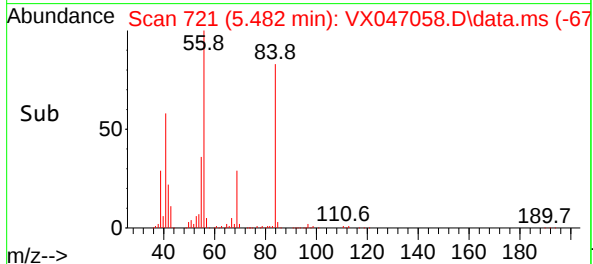
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 376390
Ion Ratio Lower Upper
56 100
69 29.1 23.3 34.9
84 83.1 66.5 99.7

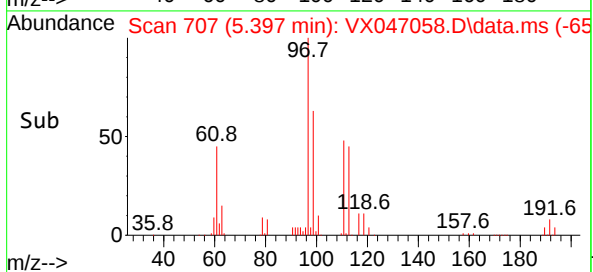
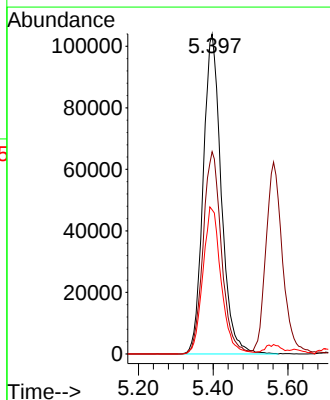
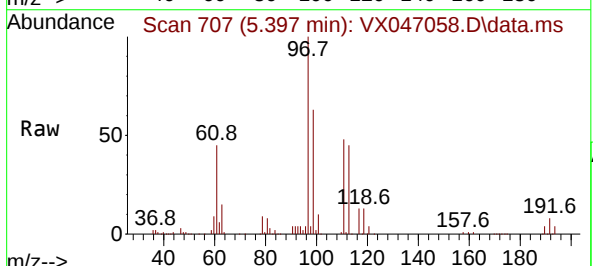
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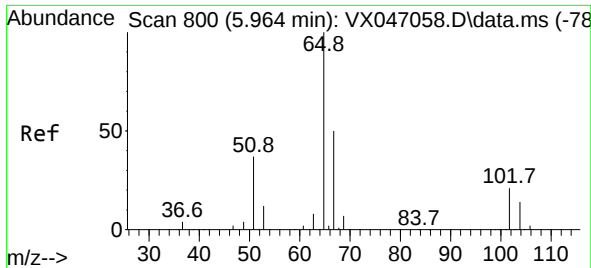
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#32
1,1,1-Trichloroethane
Concen: 52.462 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

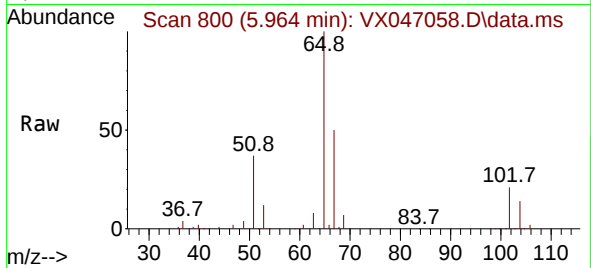
Tgt Ion: 97 Resp: 349090
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 46.4 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 46.193 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

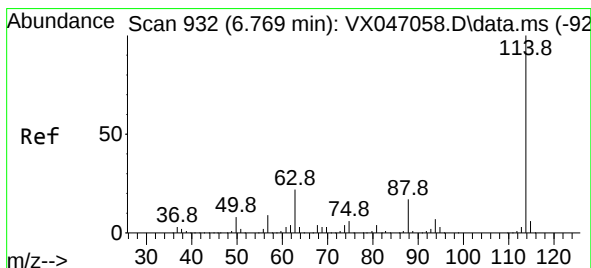
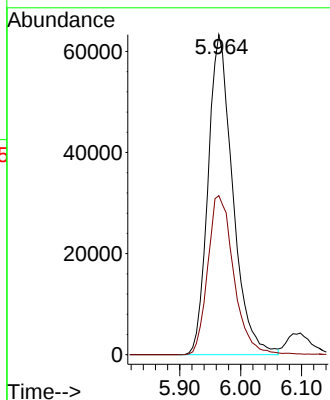
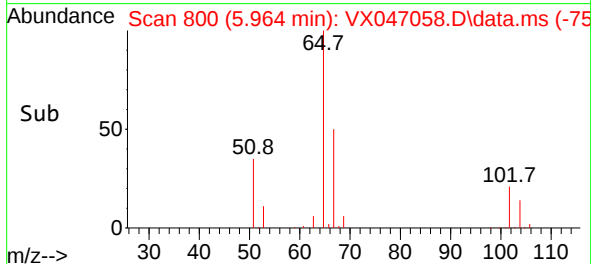
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



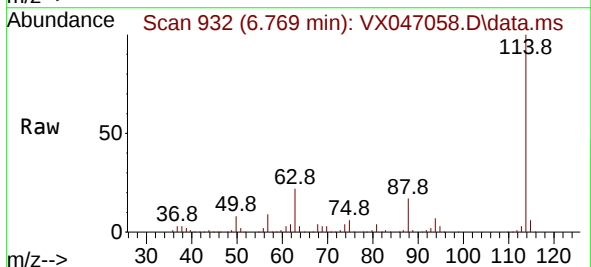
Tgt Ion: 65 Resp: 17831
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

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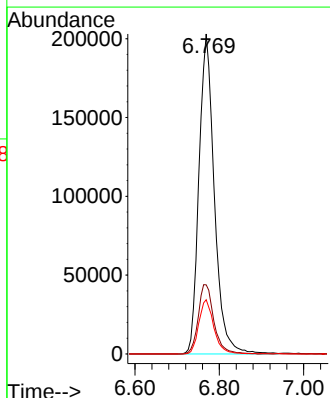
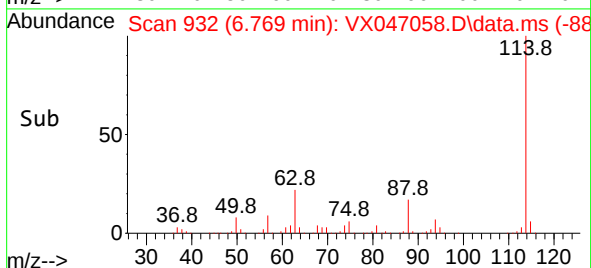
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

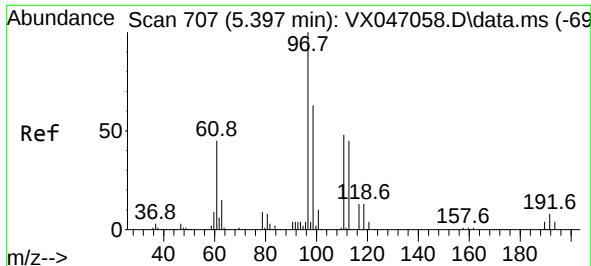


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



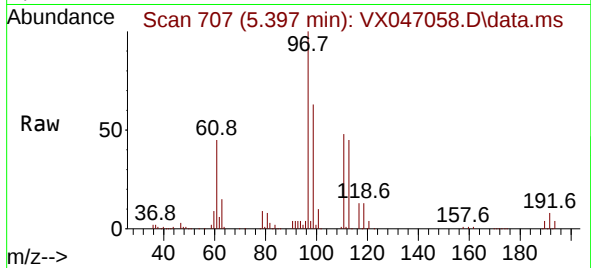
Tgt Ion:114 Resp: 516282
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.9 0.0 33.8





#35
Dibromofluoromethane
Concen: 47.918 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

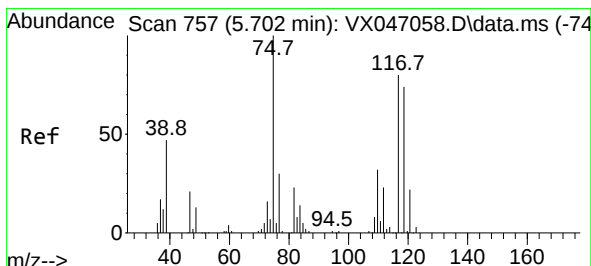
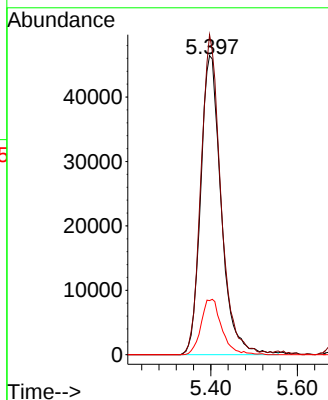
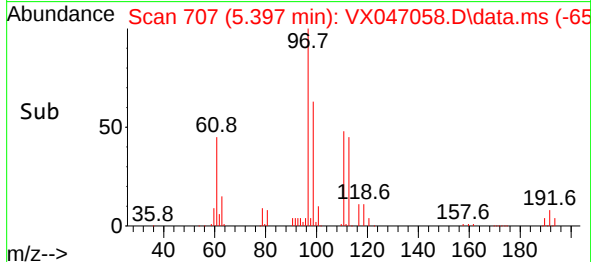
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:113 Resp: 15274
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.6 14.9 22.3

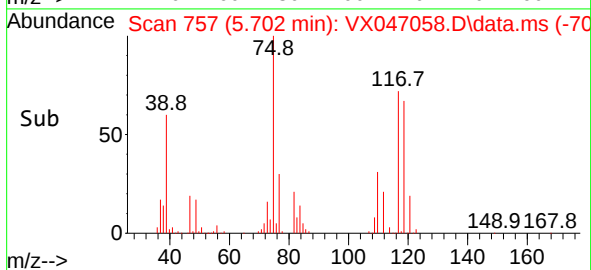
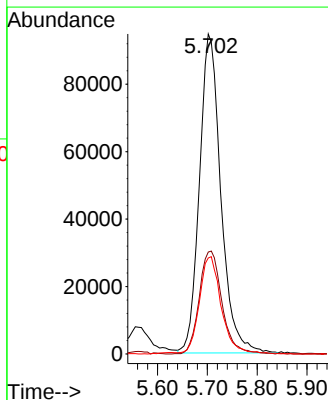
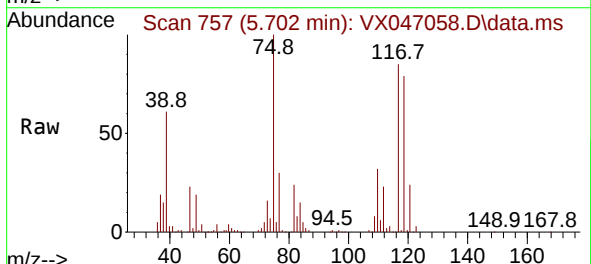
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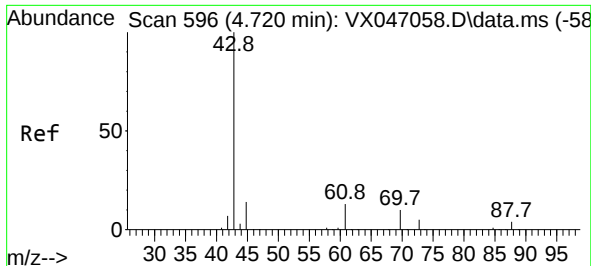
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#36
1,1-Dichloropropene
Concen: 51.926 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion: 75 Resp: 282151
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.5
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 55.103 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

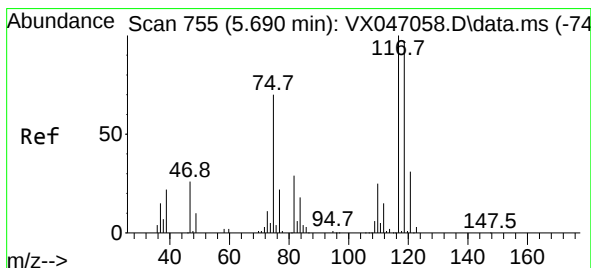
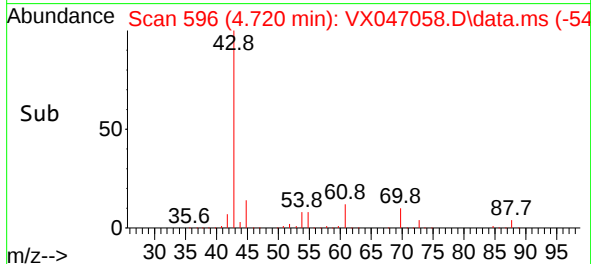
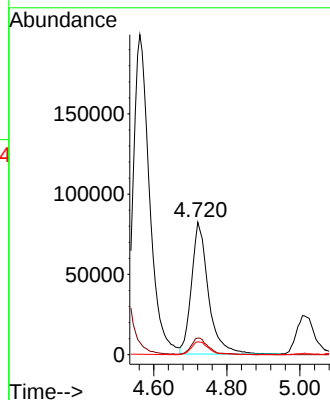
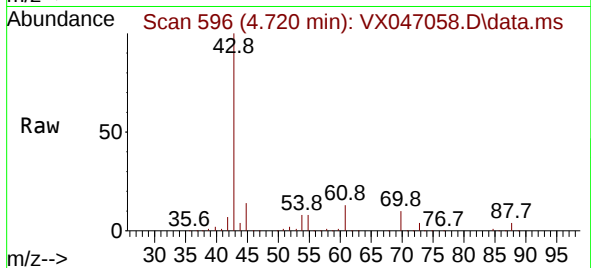
ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 263860
 Ion Ratio Lower Upper
 43 100
 61 12.7 10.2 15.2
 70 10.1 8.1 12.1

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Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#38

Carbon Tetrachloride

Concen: 52.934 ug/l

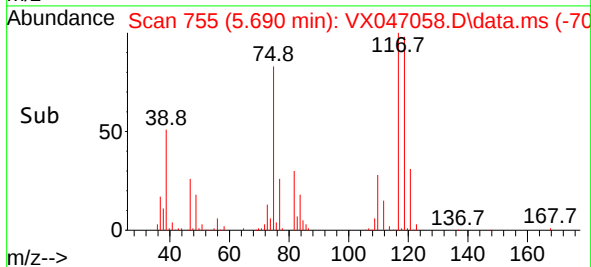
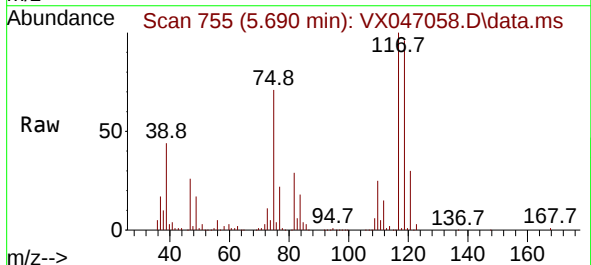
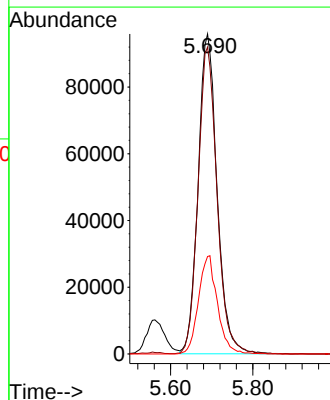
RT: 5.690 min Scan# 755

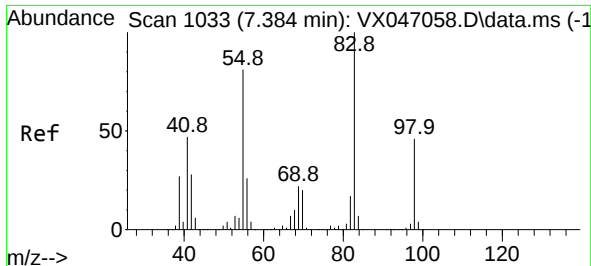
Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Tgt Ion:117 Resp: 306989
 Ion Ratio Lower Upper
 117 100
 119 95.8 76.6 115.0
 121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 53.168 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 36070

Ion Ratio Lower Upper

83 100

55 80.6 64.5 96.7

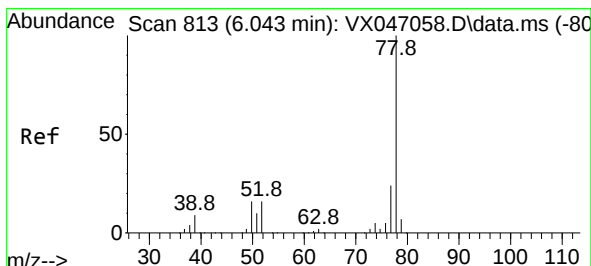
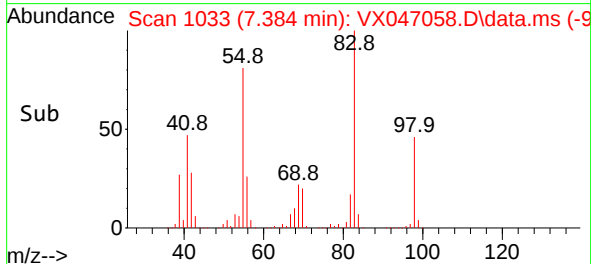
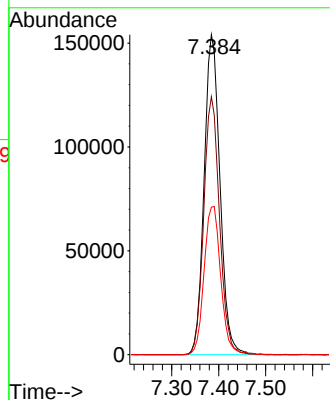
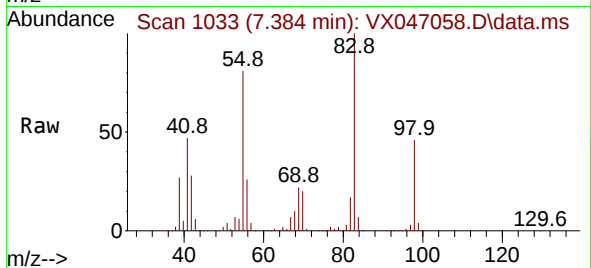
98 46.1 36.9 55.3

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#40

Benzene

Concen: 54.180 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047058.D

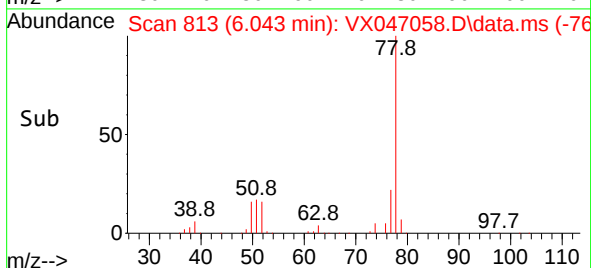
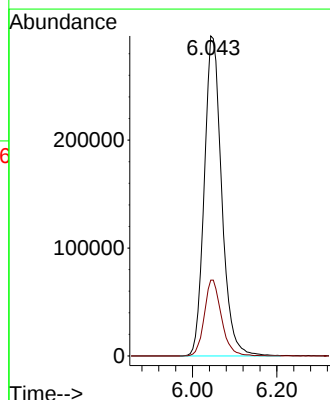
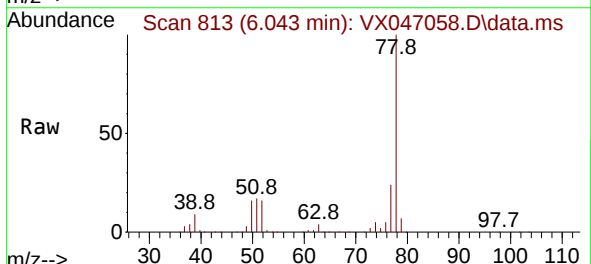
Acq: 21 Jul 2025 10:50

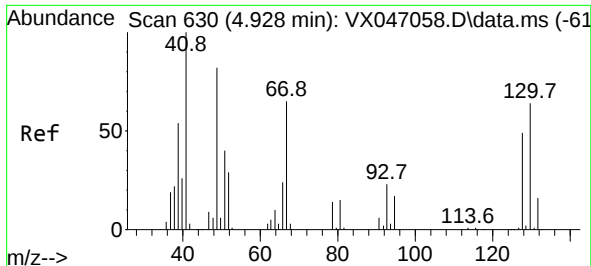
Tgt Ion: 78 Resp: 851995

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





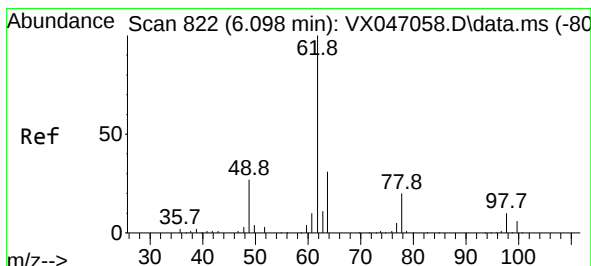
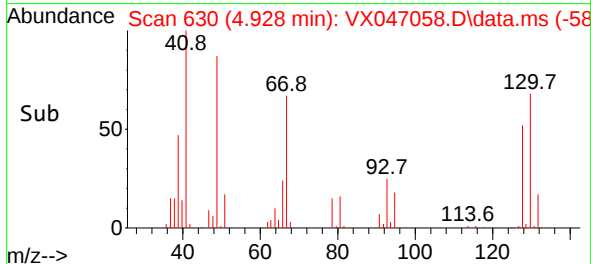
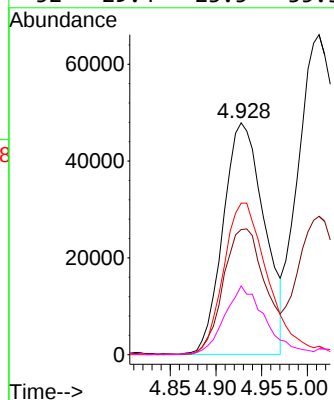
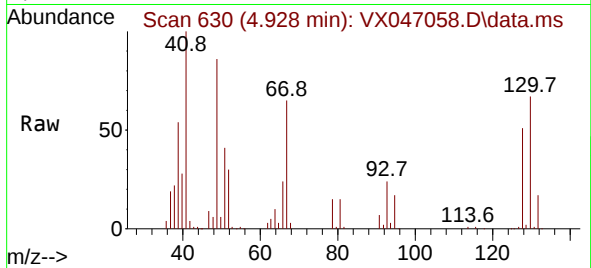
#41
Methacrylonitrile
Concen: 57.494 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 150510
Ion Ratio Lower Upper
41 100
39 55.2 44.2 66.2
67 70.5 56.4 84.6
52 29.4 23.5 35.3

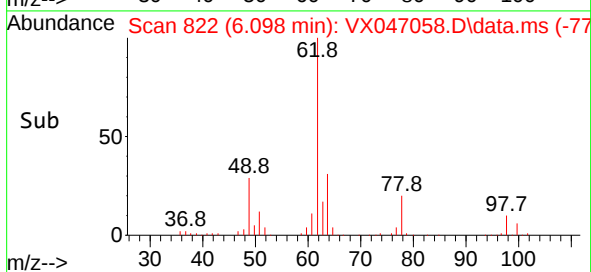
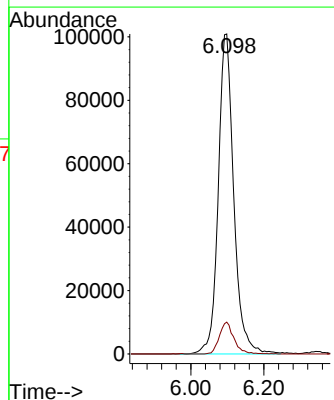
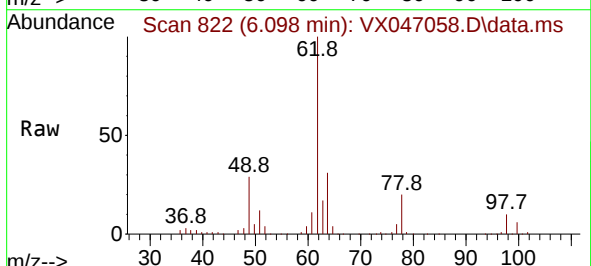
Manual Integrations
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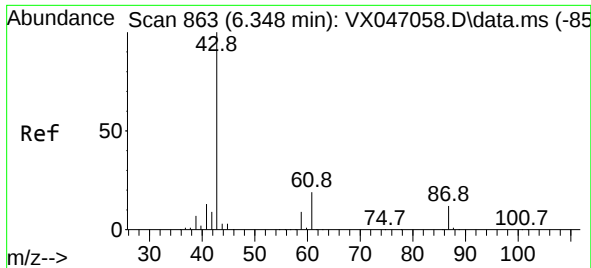
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#42
1,2-Dichloroethane
Concen: 53.686 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion: 62 Resp: 297385
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8





#43

Isopropyl Acetate

Concen: 56.192 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

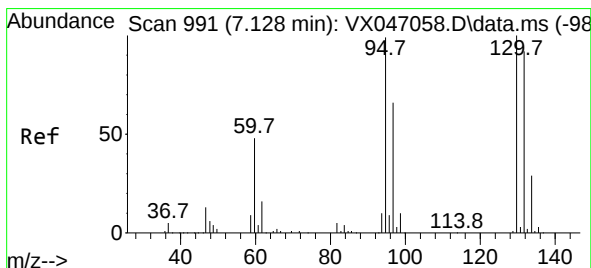
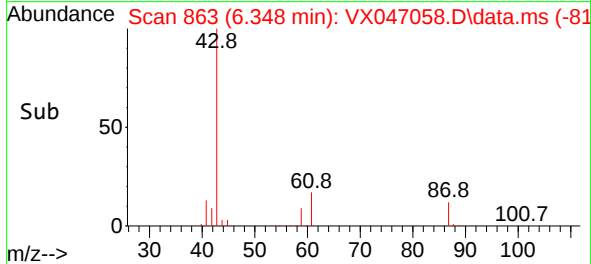
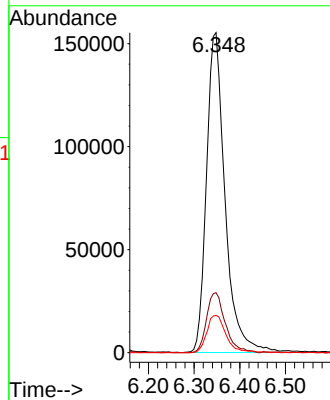
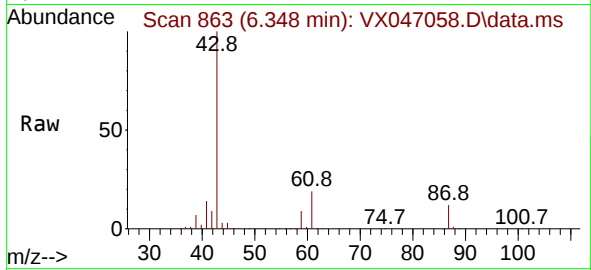
Tgt Ion:	43	Resp:	43861
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	12.1	9.7	14.5

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#44

Trichloroethene

Concen: 53.751 ug/l

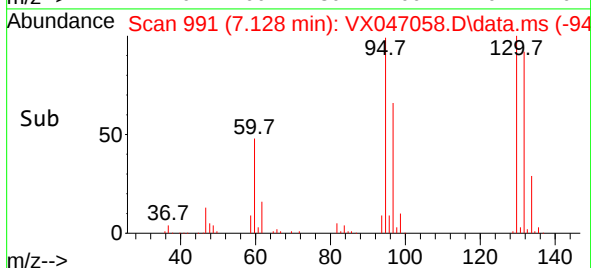
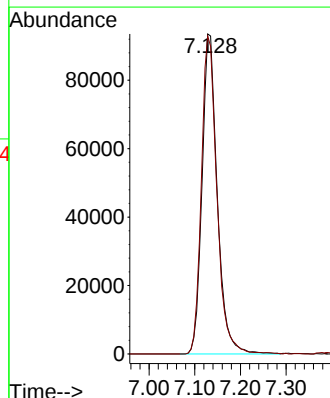
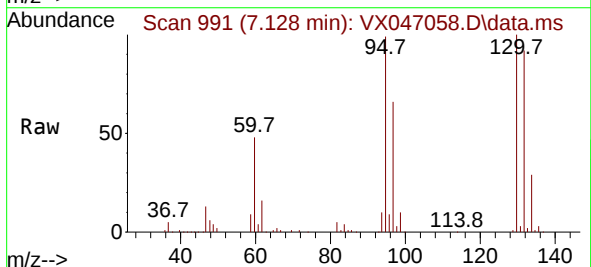
RT: 7.128 min Scan# 991

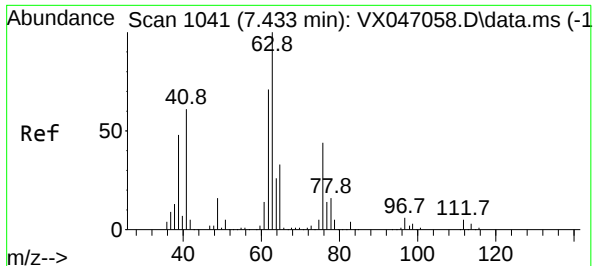
Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Tgt Ion:	130	Resp:	216747
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	198.6





#45

1,2-Dichloropropane

Concen: 53.539 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 210862

Ion Ratio Lower Upper

63 100

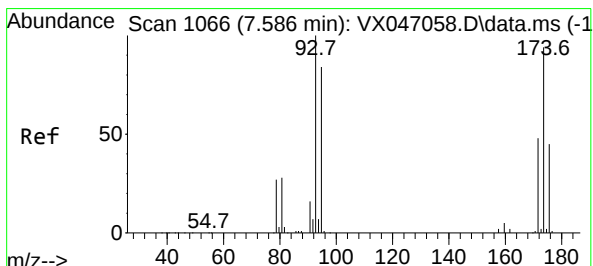
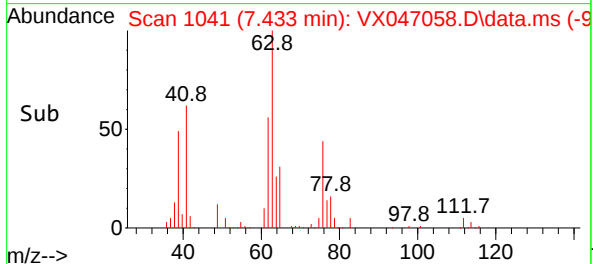
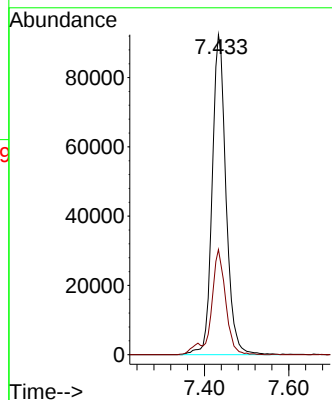
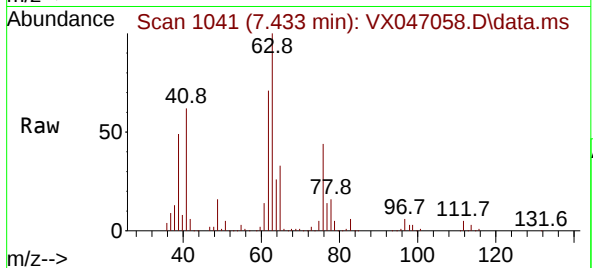
65 32.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#46

Dibromomethane

Concen: 54.916 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

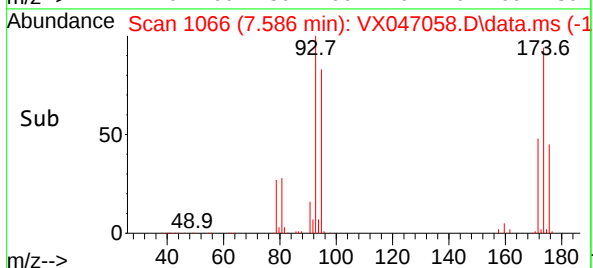
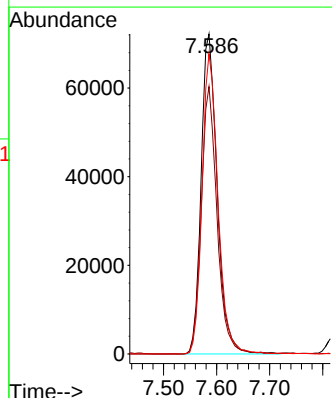
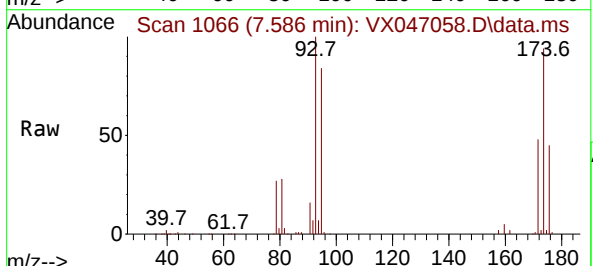
Tgt Ion: 93 Resp: 151672

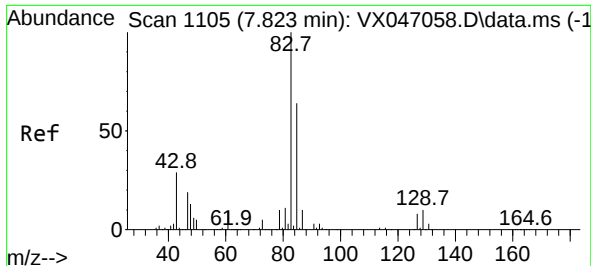
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

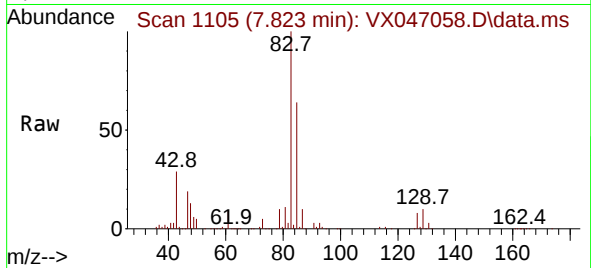
174 93.3 74.6 112.0





#47
Bromodichloromethane
Concen: 54.225 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

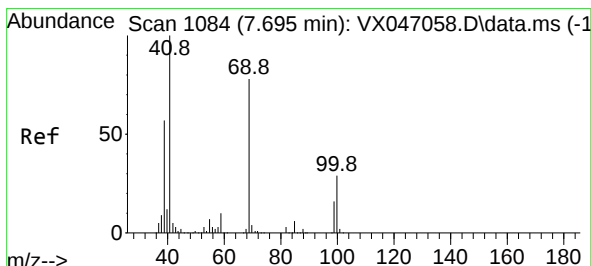
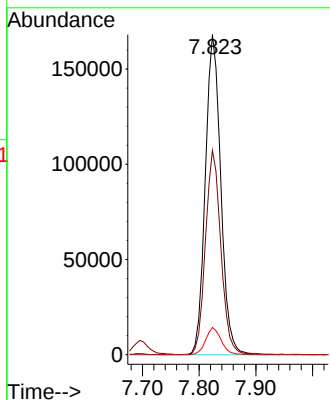
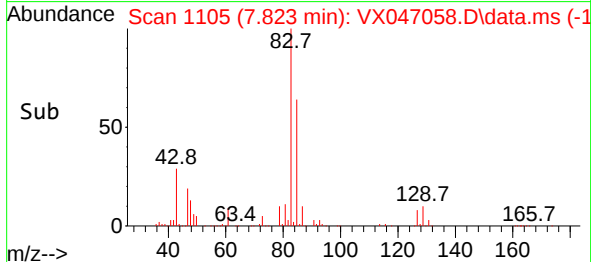
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 31877
Ion Ratio Lower Upper
83 100
85 62.4 49.9 74.9
127 8.3 6.6 10.0

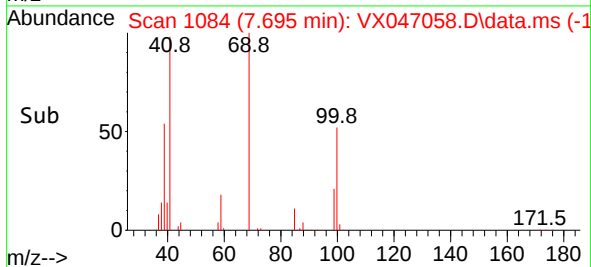
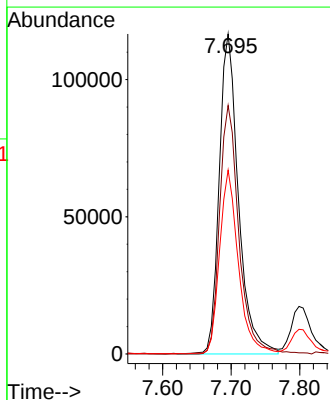
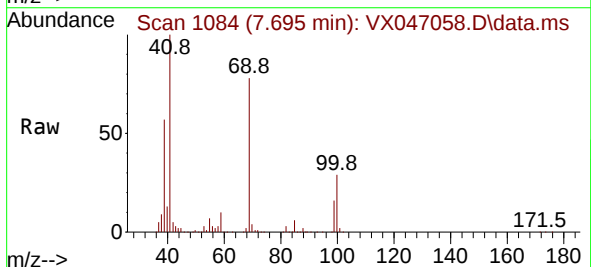
Manual Integrations
APPROVED

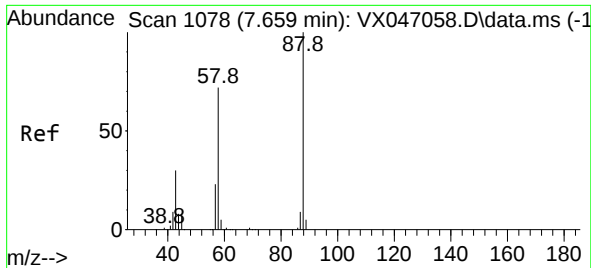
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#48
Methyl methacrylate
Concen: 53.391 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

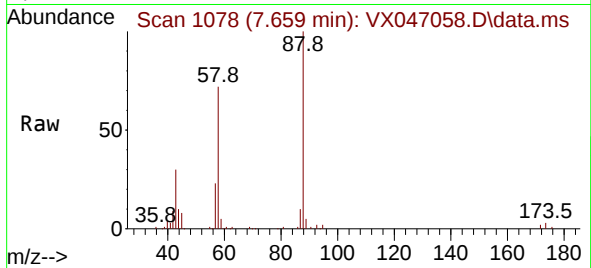
Tgt Ion: 41 Resp: 227033
Ion Ratio Lower Upper
41 100
69 77.9 62.3 93.5
39 56.0 44.8 67.2





#49
1,4-Dioxane
Concen: 1114.967 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

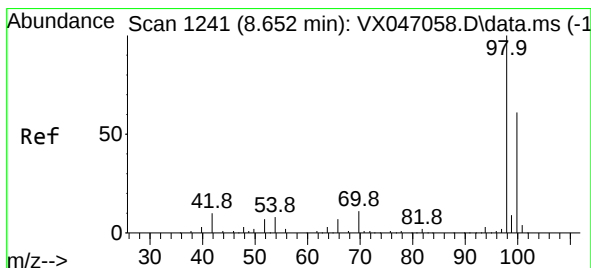
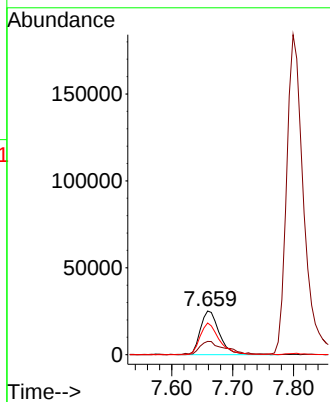
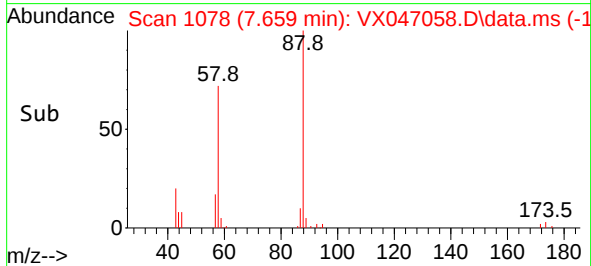
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



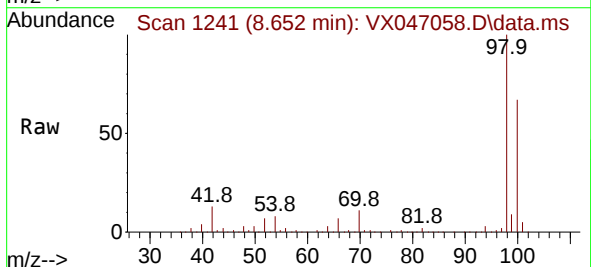
Tgt Ion: 88 Resp: 53924
Ion Ratio Lower Upper
88 100
43 42.0 33.6 50.4
58 73.5 58.8 88.2

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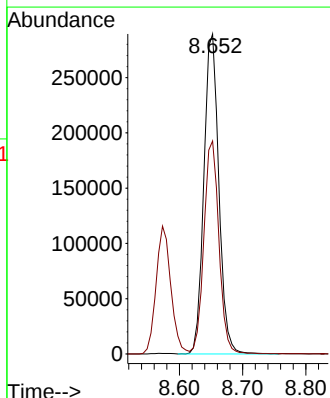
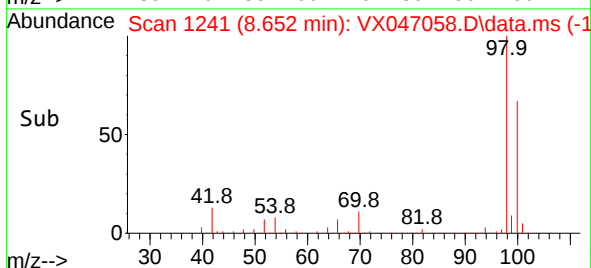
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

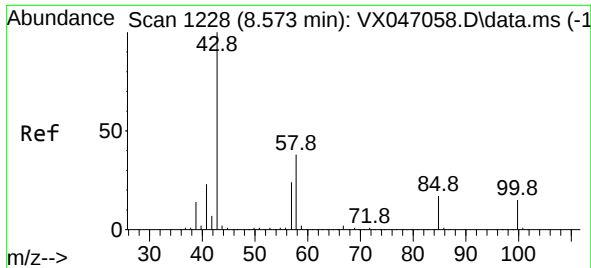


#50
Toluene-d8
Concen: 46.217 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



Tgt Ion: 98 Resp: 477108
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9





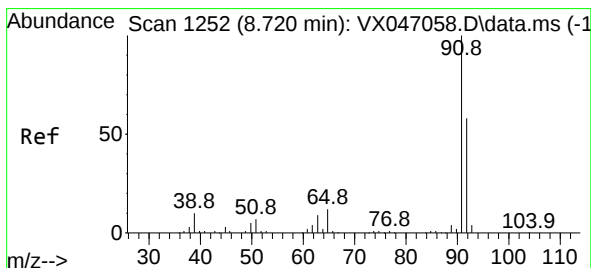
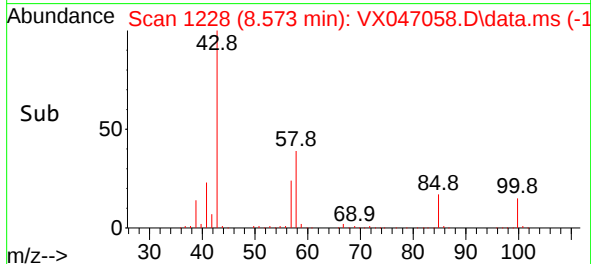
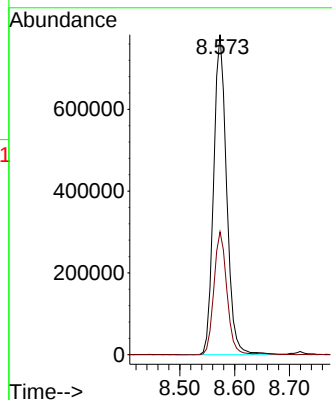
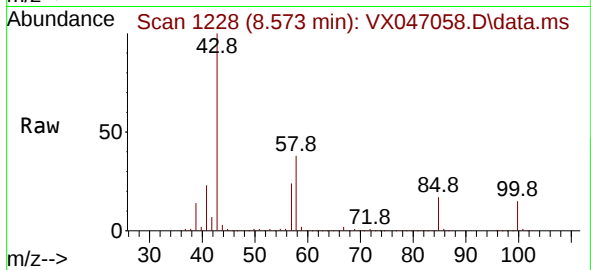
#51
4-Methyl-2-Pentanone
Concen: 276.384 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1282299
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8

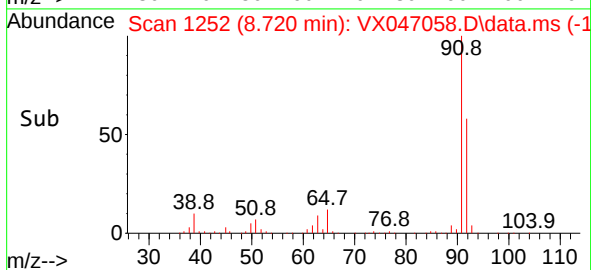
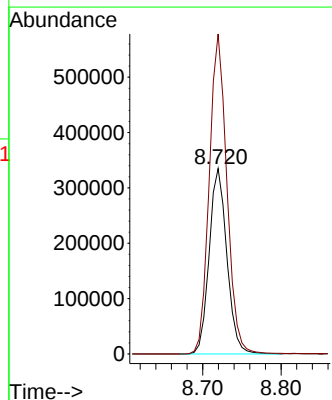
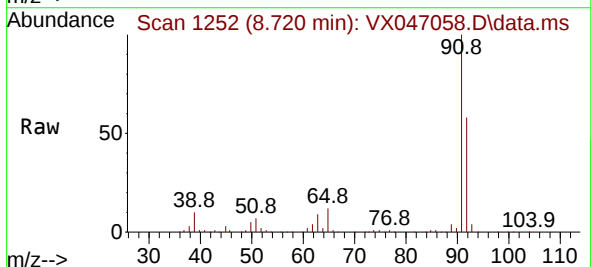
Manual Integrations
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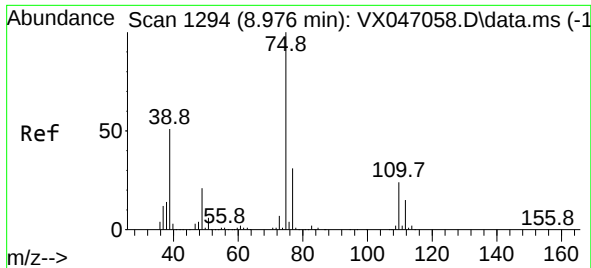
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#52
Toluene
Concen: 54.288 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion: 92 Resp: 524916
Ion Ratio Lower Upper
92 100
91 172.4 137.9 206.9





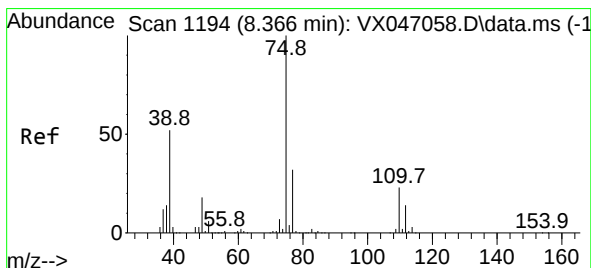
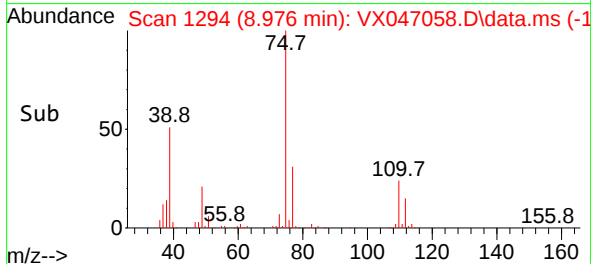
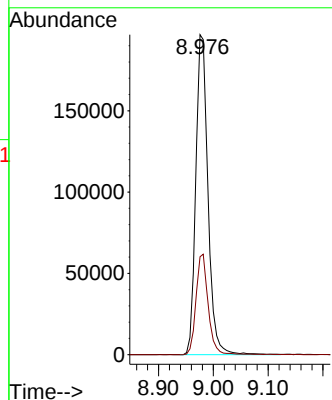
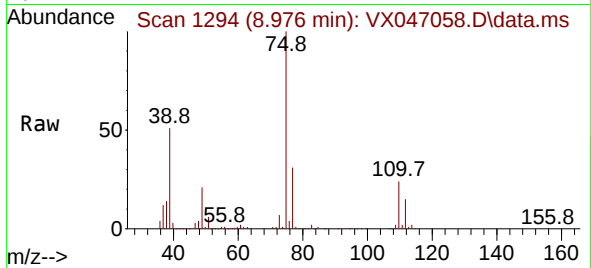
#53
 t-1,3-Dichloropropene
 Concen: 55.044 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX047058.D
 Acq: 21 Jul 2025 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 305568
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7

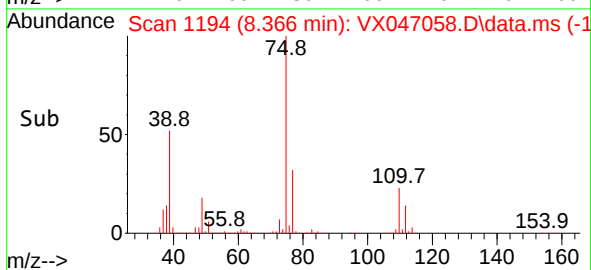
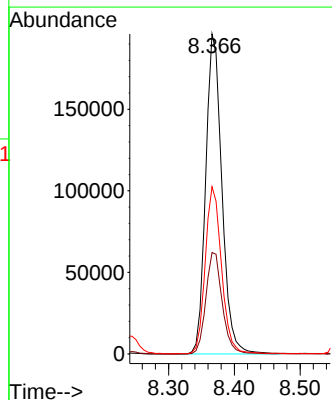
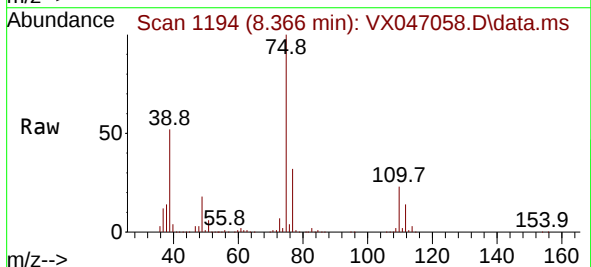
Manual Integrations
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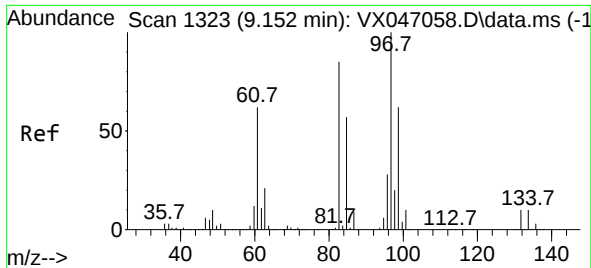
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#54
 cis-1,3-Dichloropropene
 Concen: 55.475 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047058.D
 Acq: 21 Jul 2025 10:50

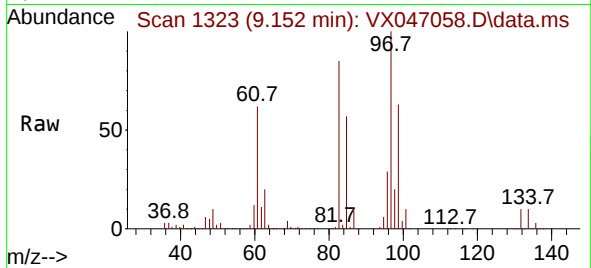
Tgt Ion: 75 Resp: 337057
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 52.2 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 53.587 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

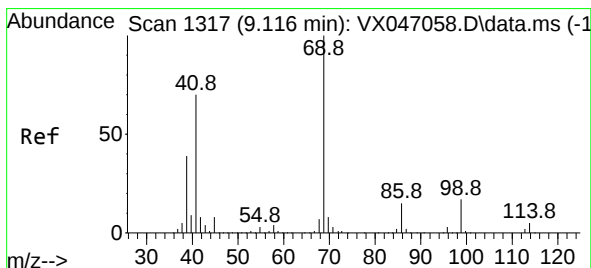
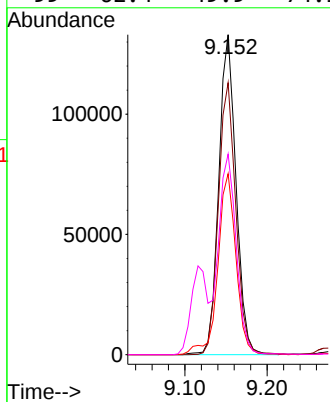
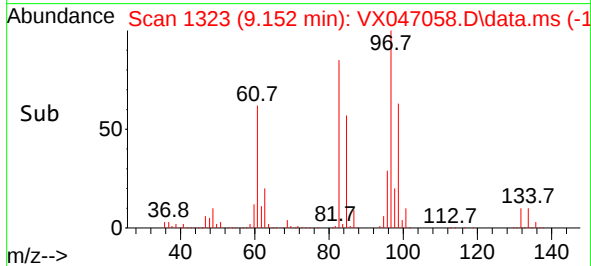
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



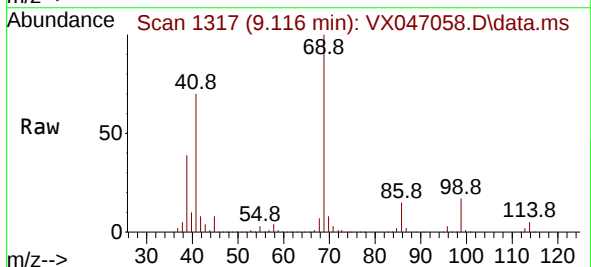
Tgt Ion: 97 Resp: 194314
Ion Ratio Lower Upper
97 100
83 85.0 68.0 102.0
85 56.5 45.2 67.8
99 62.4 49.9 74.9

Manual Integrations
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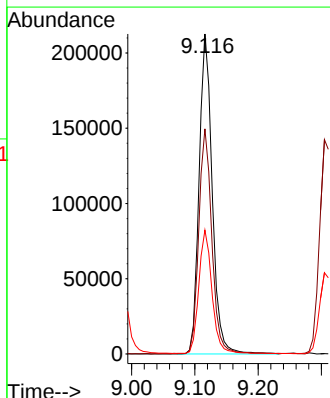
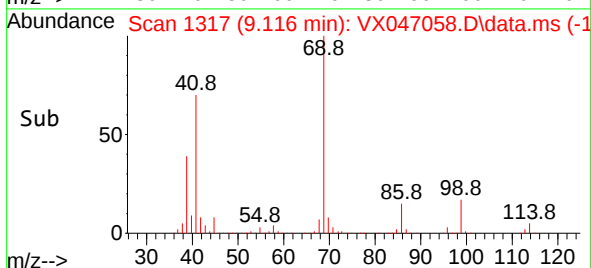
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

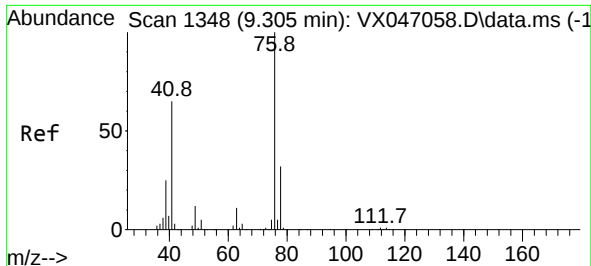


#56
Ethyl methacrylate
Concen: 57.281 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



Tgt Ion: 69 Resp: 307494
Ion Ratio Lower Upper
69 100
41 70.1 56.1 84.1
39 38.9 31.1 46.7





#57

1,3-Dichloropropane

Concen: 53.491 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 337100

Ion Ratio Lower Upper

76 100

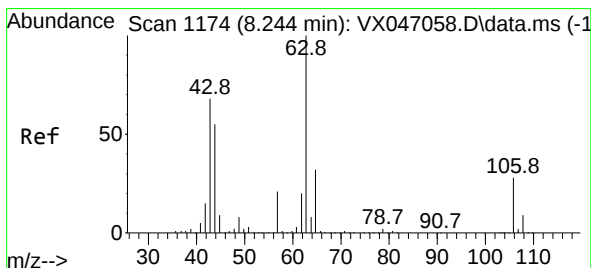
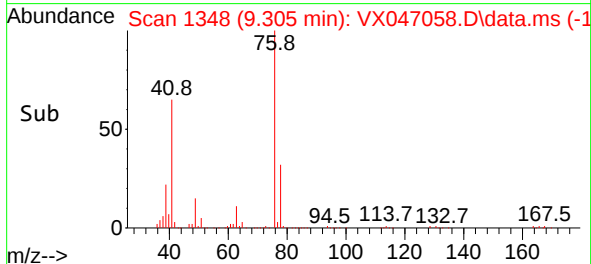
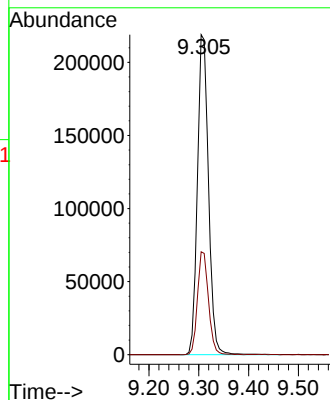
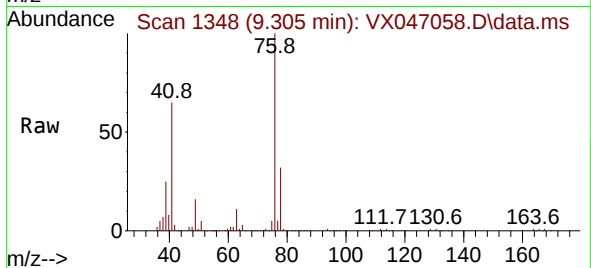
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 278.917 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047058.D

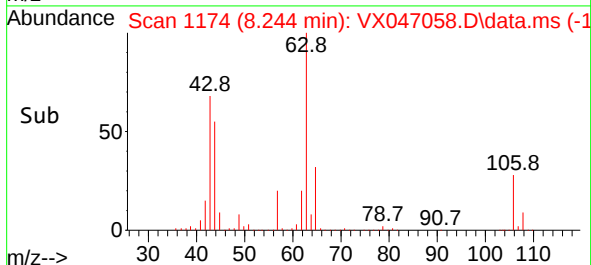
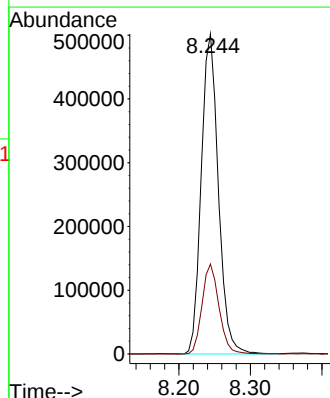
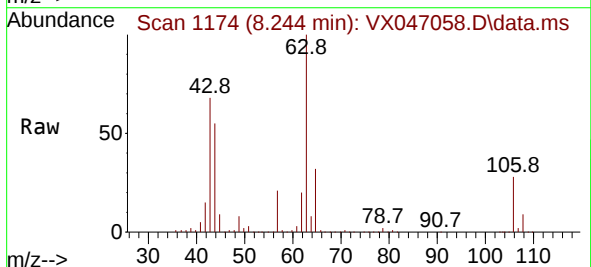
Acq: 21 Jul 2025 10:50

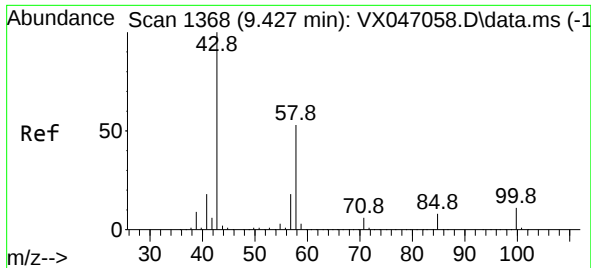
Tgt Ion: 63 Resp: 833190

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.4





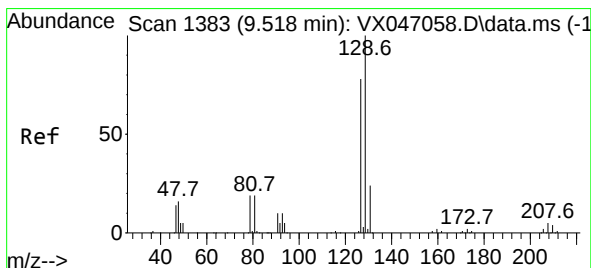
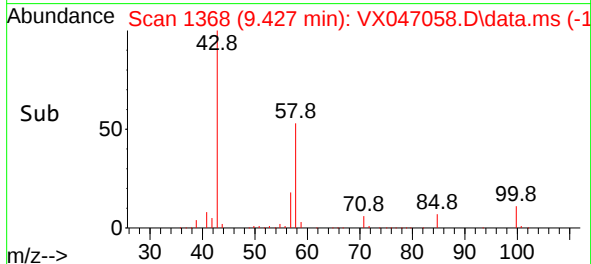
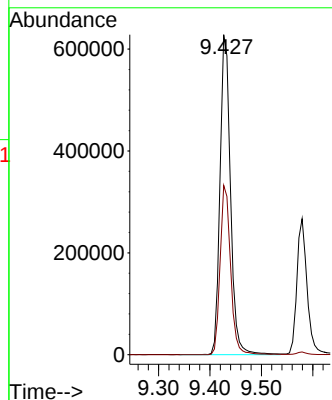
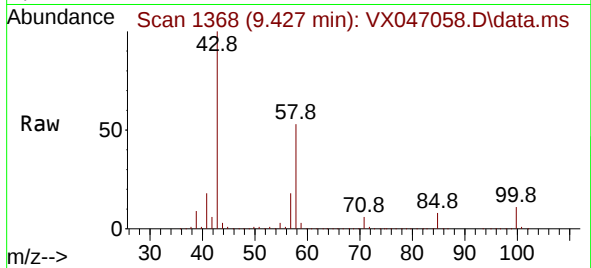
#59
2-Hexanone
Concen: 289.252 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 88663
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

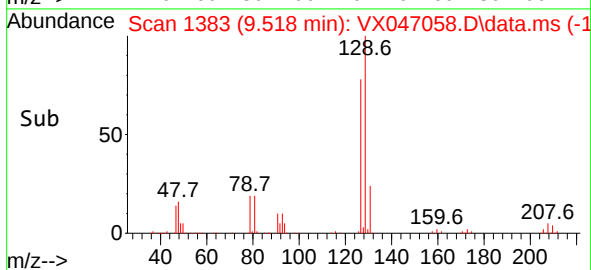
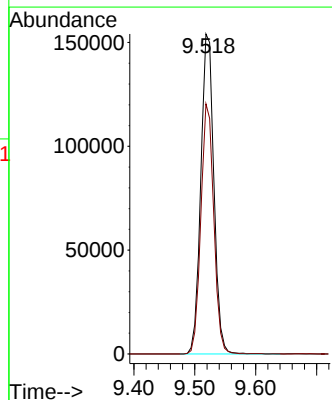
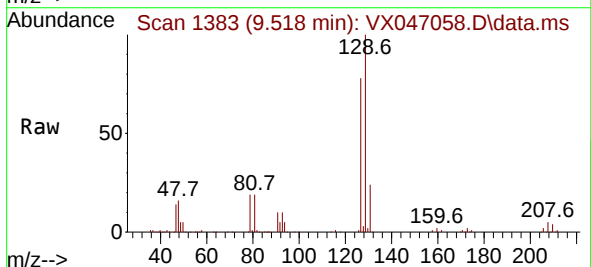
Manual Integrations
APPROVED

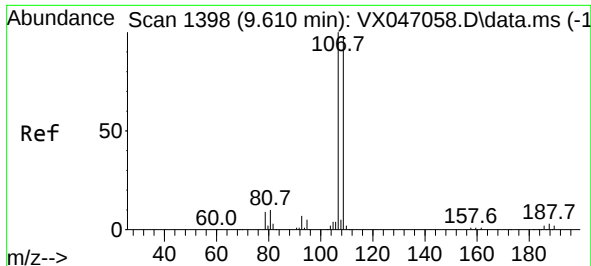
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#60
Dibromochloromethane
Concen: 53.881 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

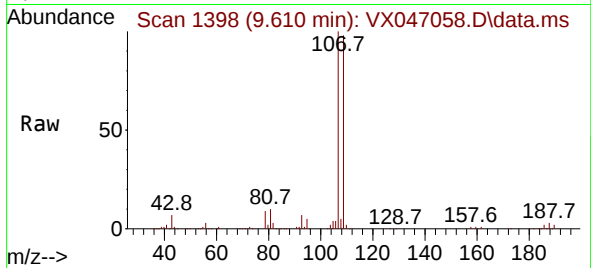
Tgt Ion:129 Resp: 229147
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.823 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

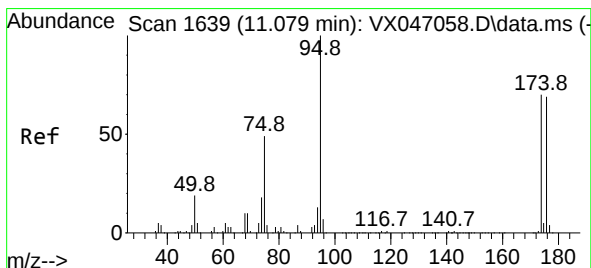
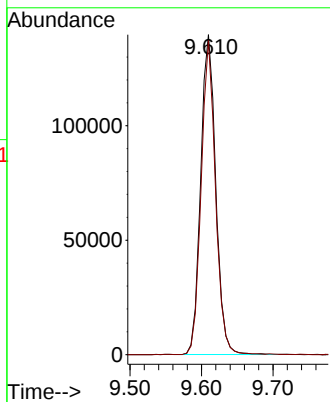
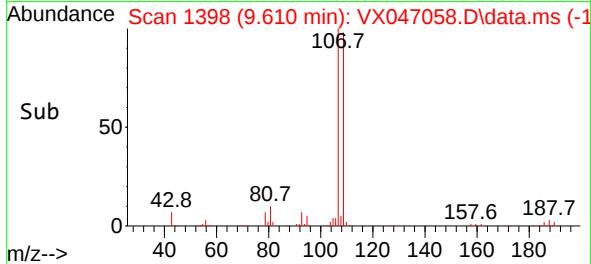
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 204078
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

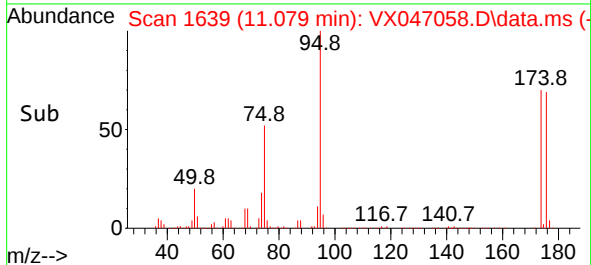
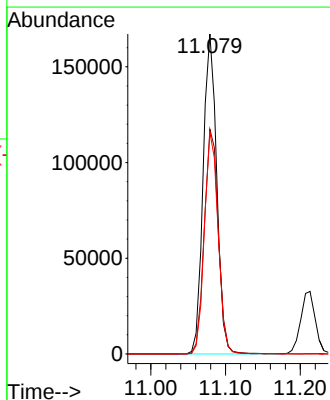
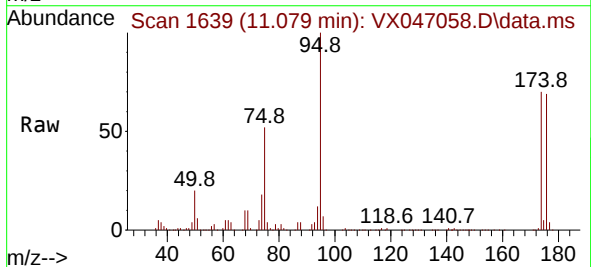
Manual Integrations
APPROVED

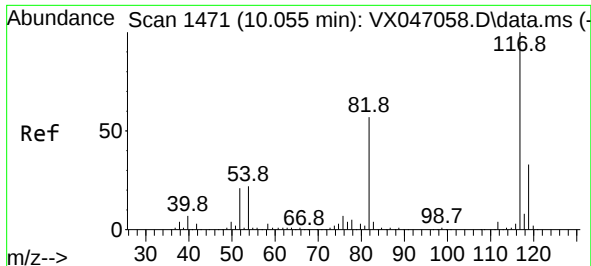
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#62
4-Bromofluorobenzene
Concen: 47.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

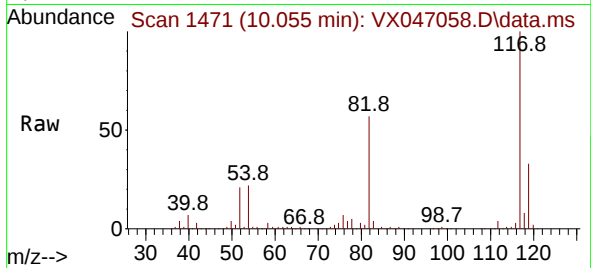
Tgt Ion: 95 Resp: 211198
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 69.8 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

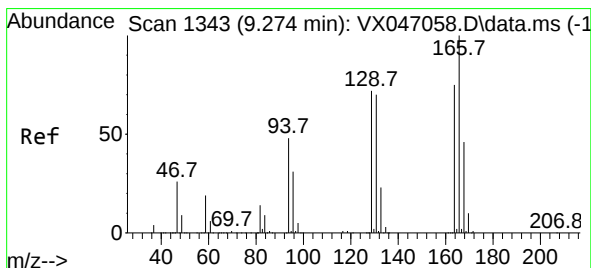
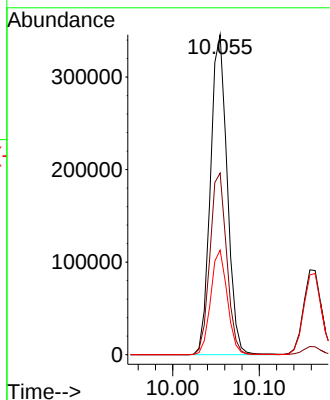
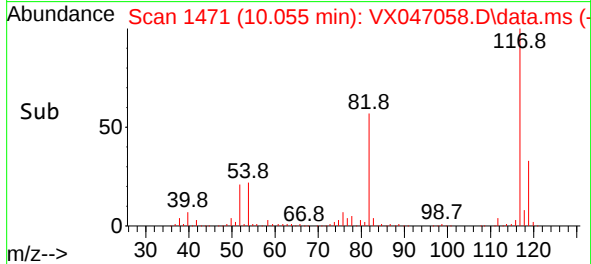
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 46456
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.6 26.1 39.1

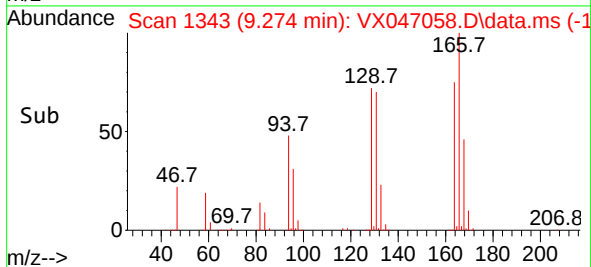
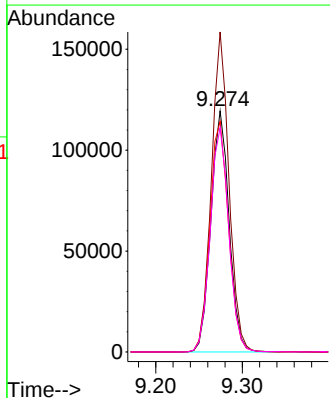
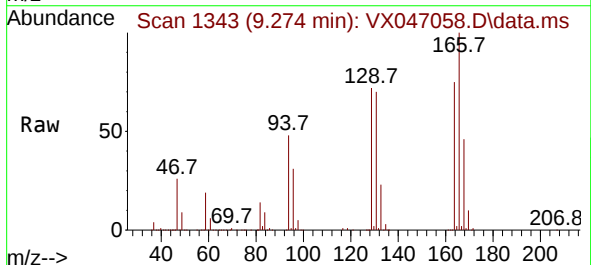
Manual Integrations
APPROVED

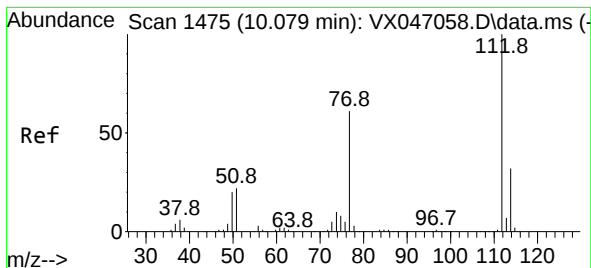
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#64
Tetrachloroethene
Concen: 52.173 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion:164 Resp: 174727
Ion Ratio Lower Upper
164 100
166 132.8 106.2 159.4
129 95.7 76.6 114.8
131 93.0 74.4 111.6





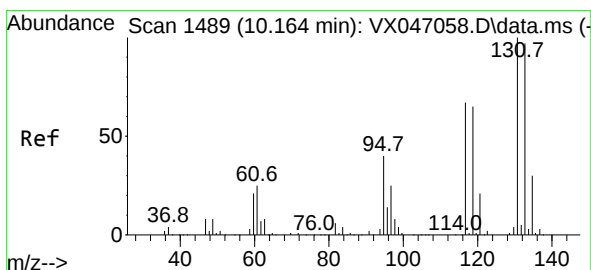
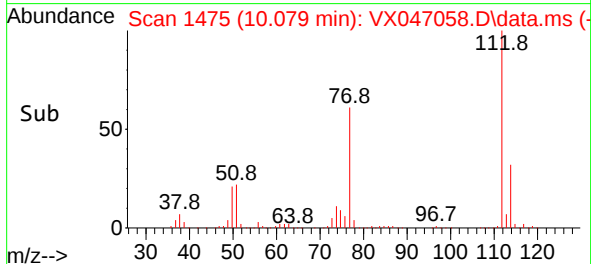
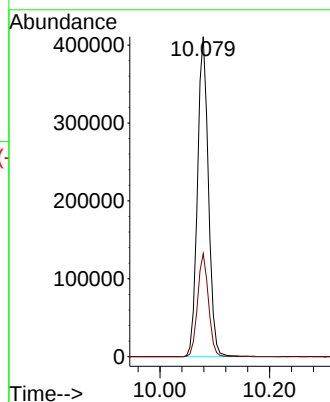
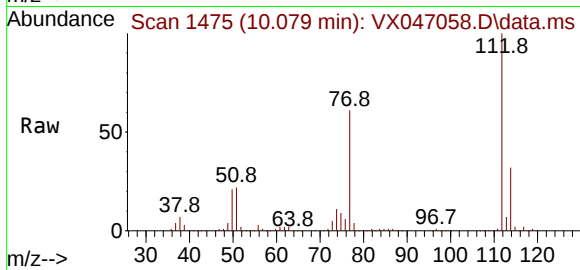
#65
Chlorobenzene
Concen: 52.530 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 571690
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

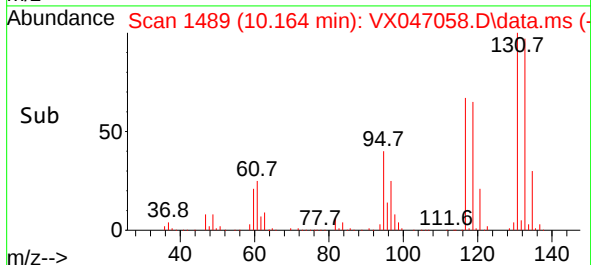
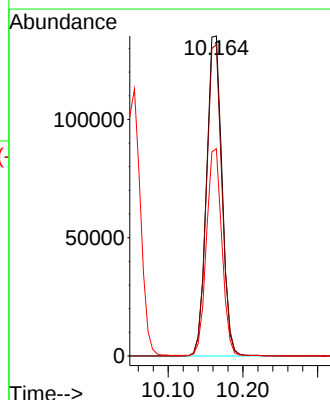
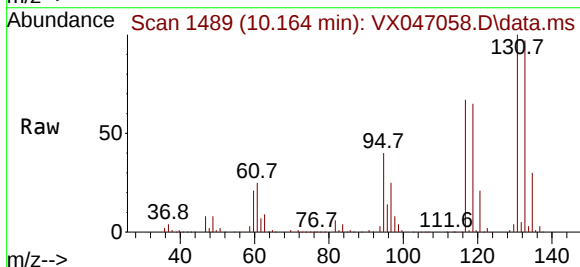
Manual Integrations
APPROVED

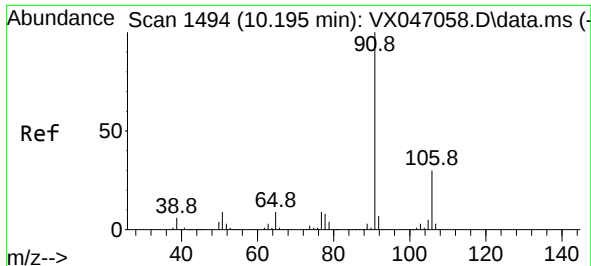
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.158 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion:131 Resp: 194777
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.3
119 64.7 32.4 97.0





#67

Ethyl Benzene

Concen: 53.812 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1023980

Ion Ratio Lower Upper

91 100

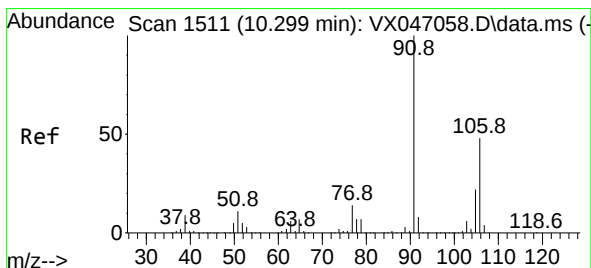
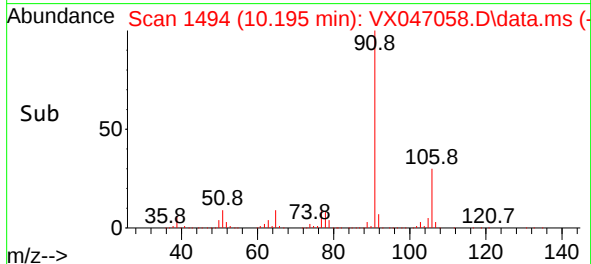
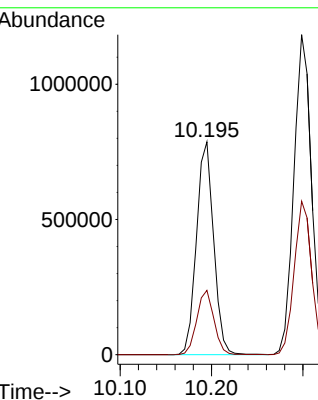
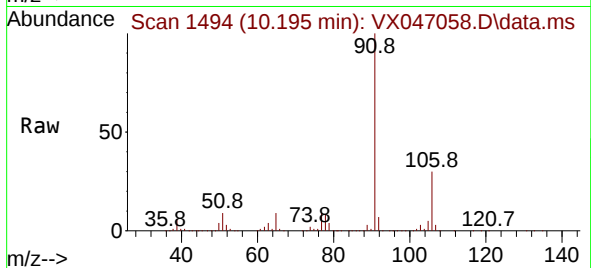
106 30.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#68

m/p-Xylenes

Concen: 106.683 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047058.D

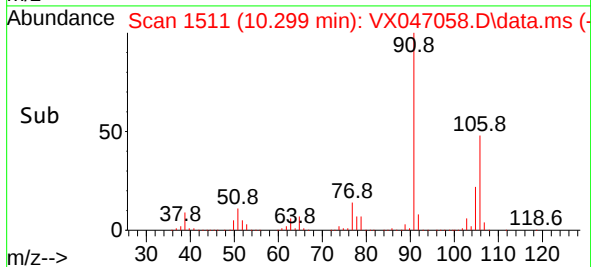
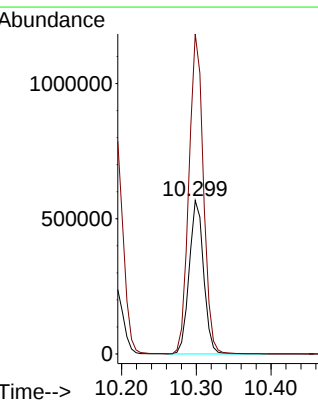
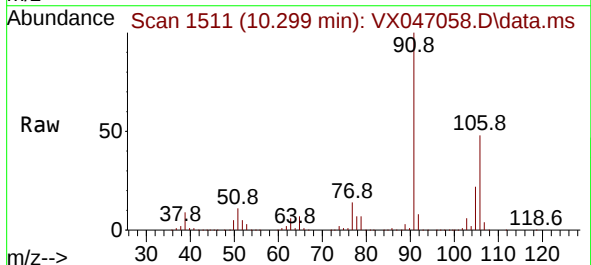
Acq: 21 Jul 2025 10:50

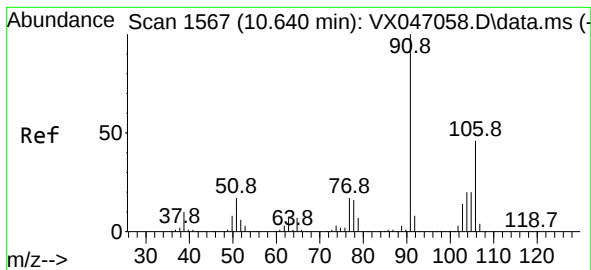
Tgt Ion:106 Resp: 759689

Ion Ratio Lower Upper

106 100

91 209.2 167.4 251.0





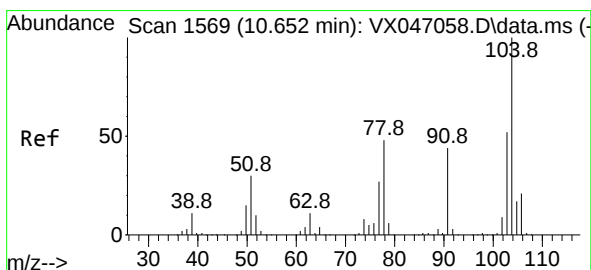
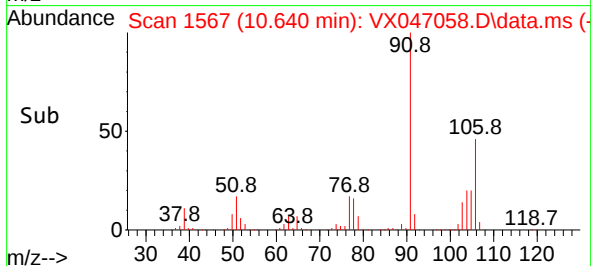
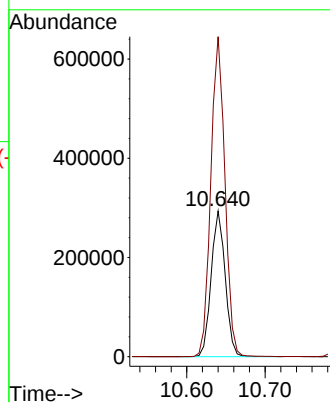
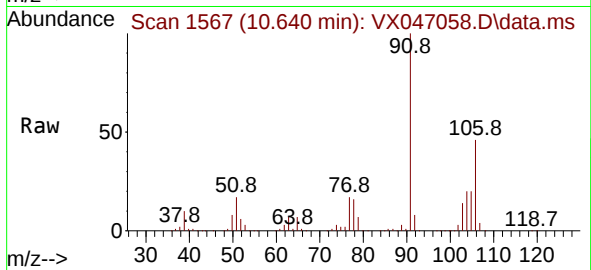
#69
o-Xylene
Concen: 53.834 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 364689
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0

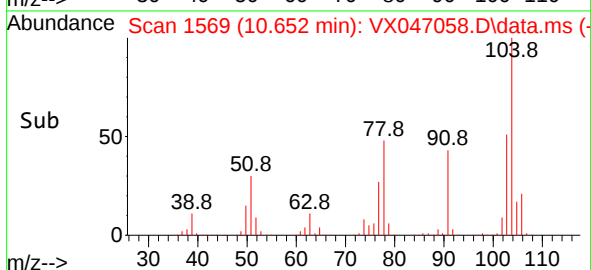
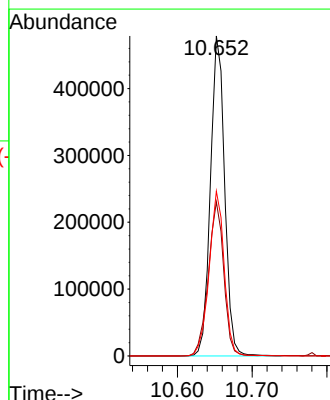
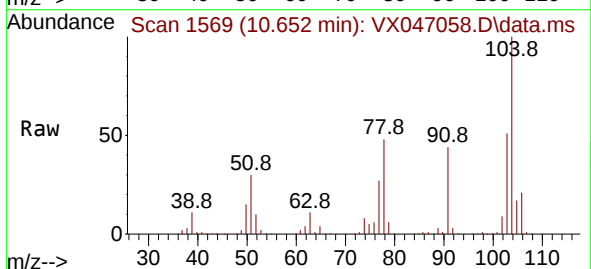
Manual Integrations
APPROVED

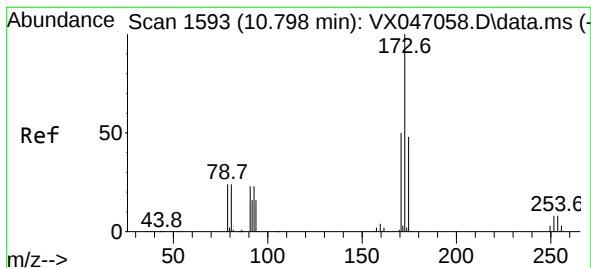
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#70
Styrene
Concen: 54.447 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

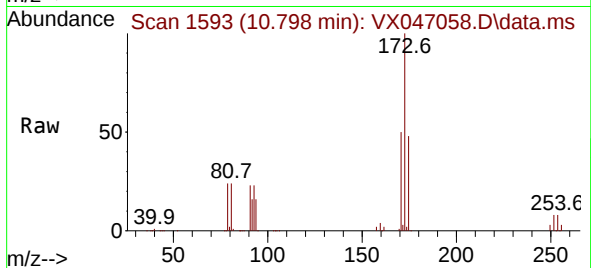
Tgt Ion:104 Resp: 632474
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.7 43.8 65.6





#71
Bromoform
Concen: 54.228 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

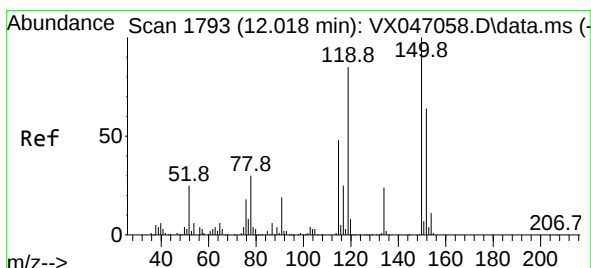
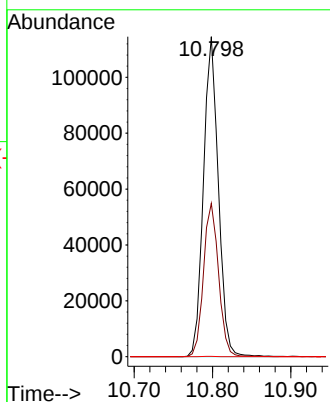
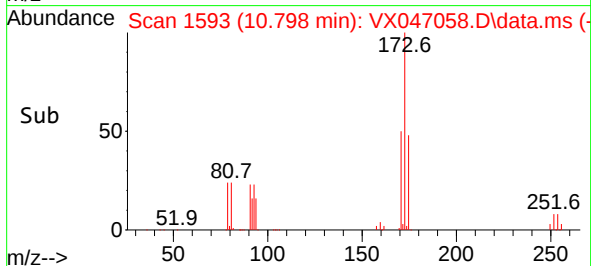
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



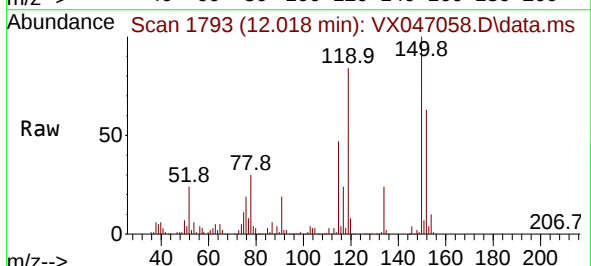
Tgt Ion:173 Resp: 150938
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

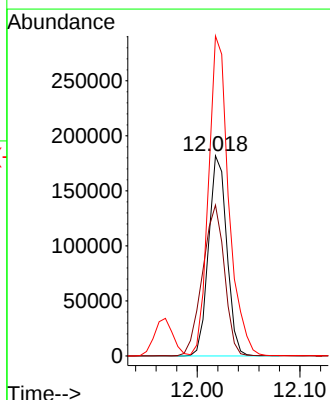
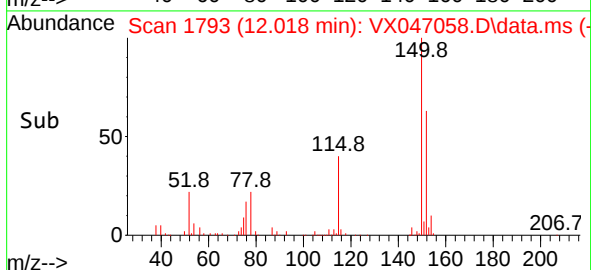
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

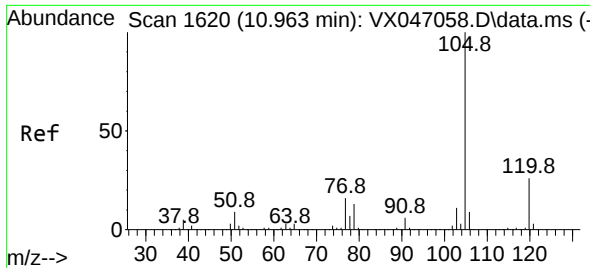


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



Tgt Ion:152 Resp: 223799
Ion Ratio Lower Upper
152 100
115 91.1 45.6 136.7
150 177.3 0.0 354.6





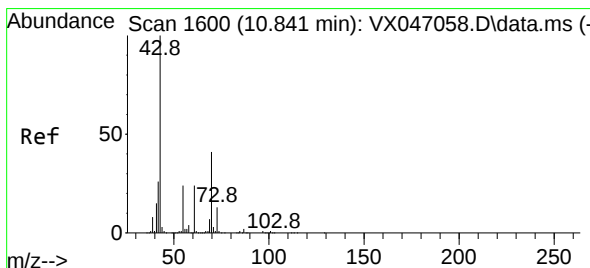
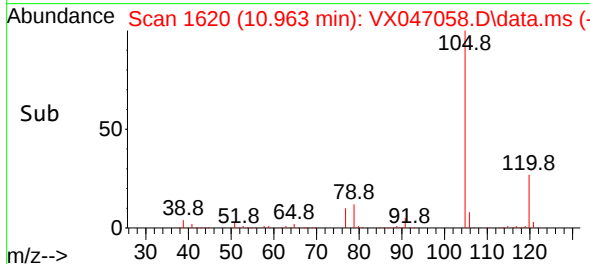
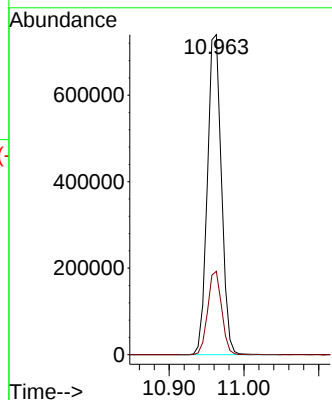
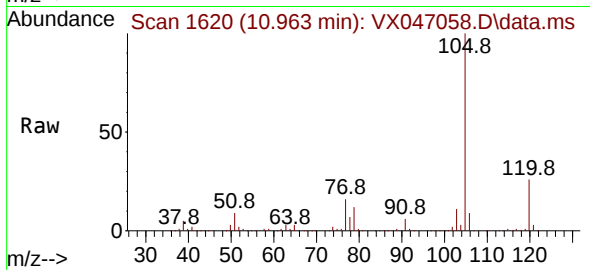
#73
Isopropylbenzene
Concen: 54.621 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 96441
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

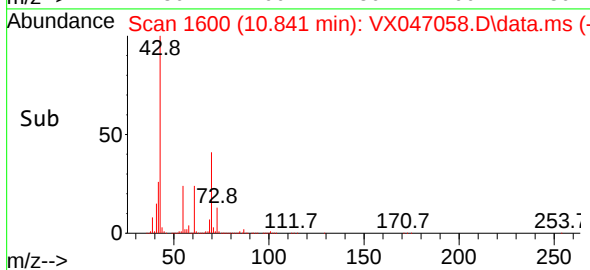
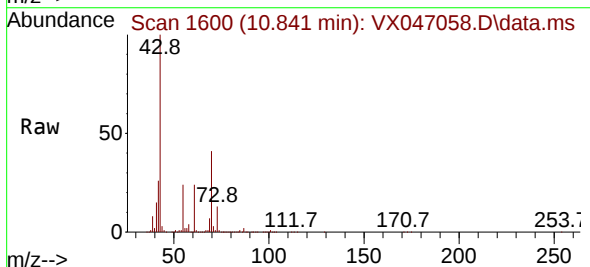
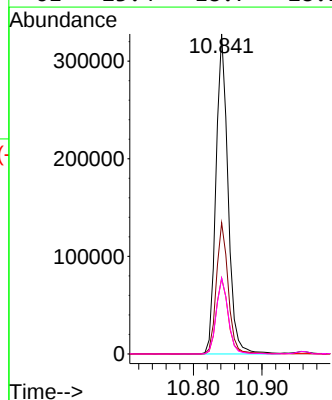
Manual Integrations
APPROVED

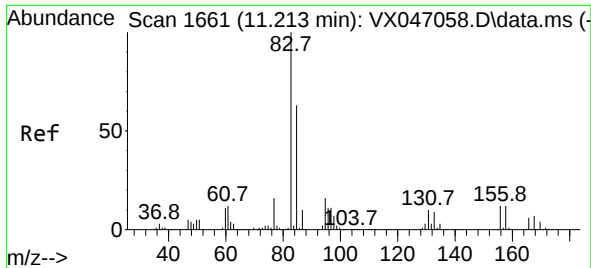
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#74
N-ethyl acetate
Concen: 56.697 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

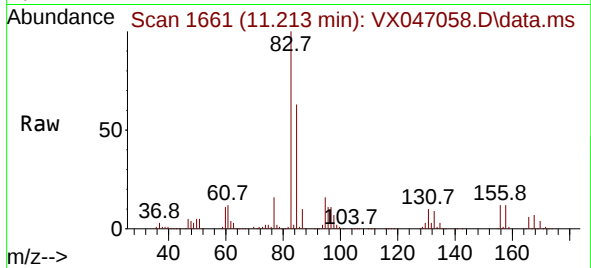
Tgt Ion: 43 Resp: 399297
Ion Ratio Lower Upper
43 100
70 40.4 32.3 48.5
55 23.6 18.9 28.3
61 23.4 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 53.670 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

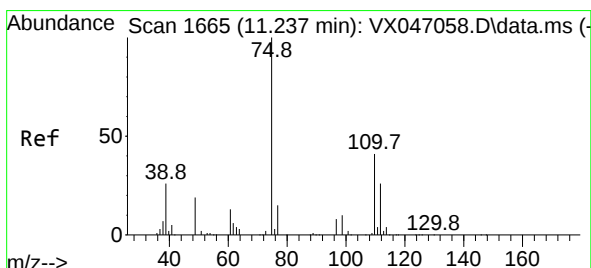
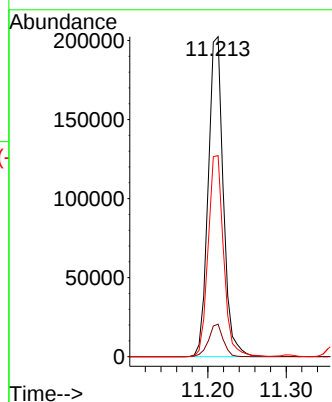
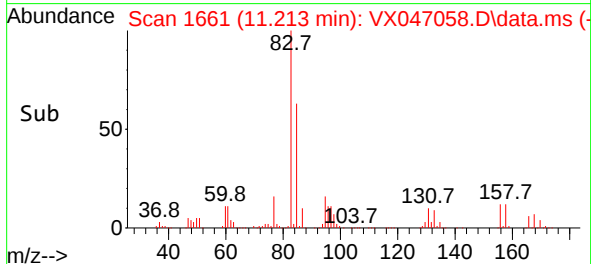
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



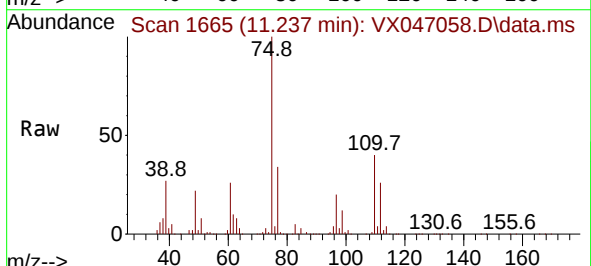
Tgt Ion: 83 Resp: 270685
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.1 32.0 96.2

Manual Integrations
APPROVED

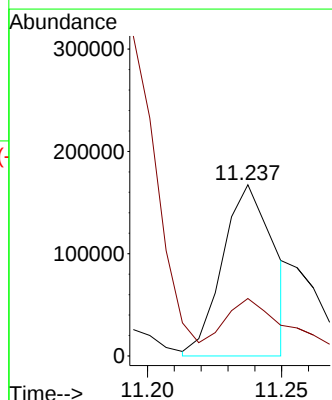
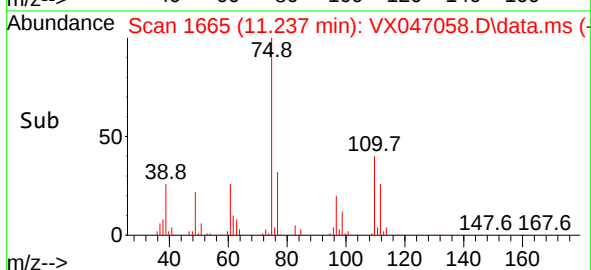
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

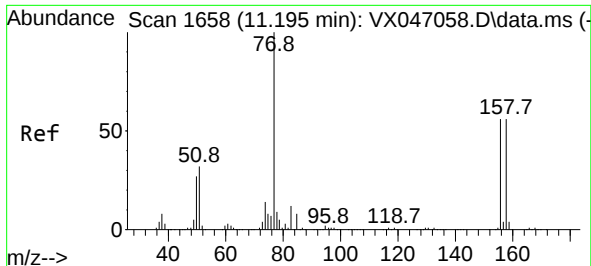


#76
1,2,3-Trichloropropane
Concen: 53.523 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



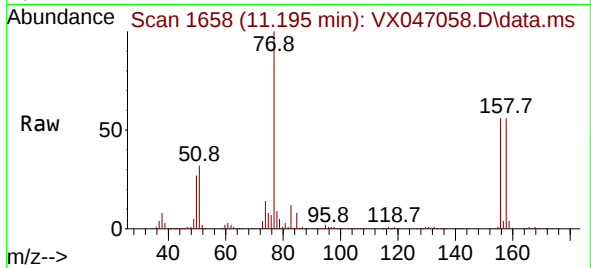
Tgt Ion: 75 Resp: 221713
Ion Ratio Lower Upper
75 100
77 43.3 21.6 65.0





#77
Bromobenzene
Concen: 53.727 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

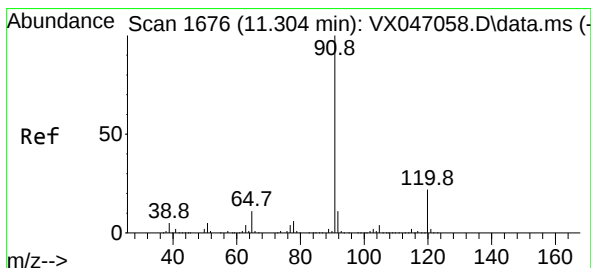
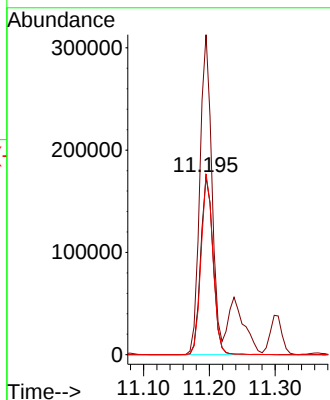
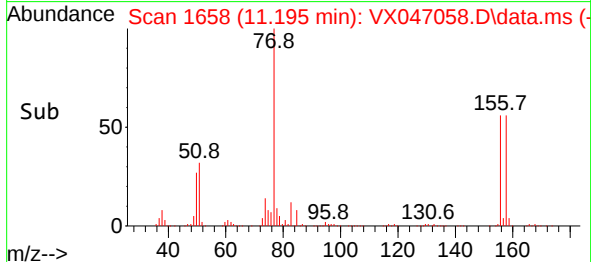
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 22753
Ion Ratio Lower Upper
156 100
77 174.6 87.3 261.9
158 97.7 48.9 146.6

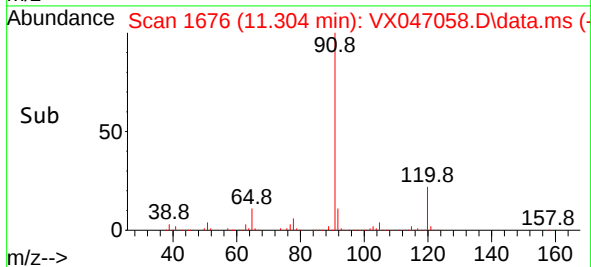
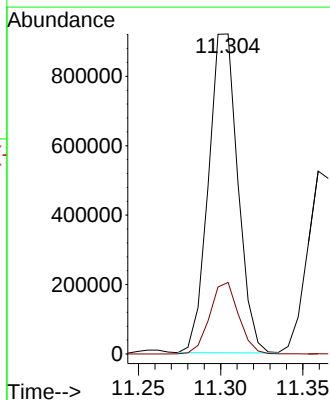
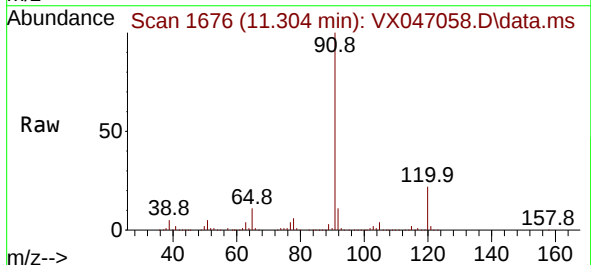
Manual Integrations
APPROVED

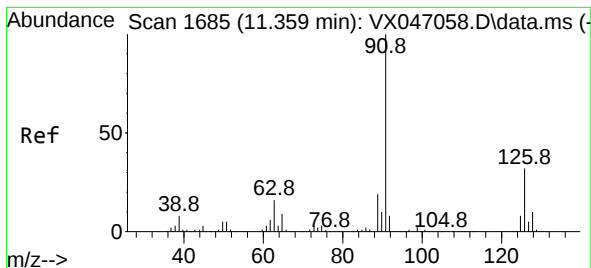
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#78
n-propylbenzene
Concen: 54.290 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion: 91 Resp: 1145472
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





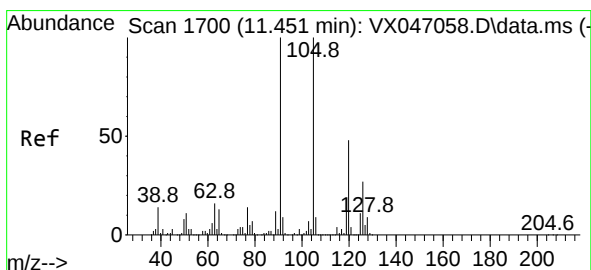
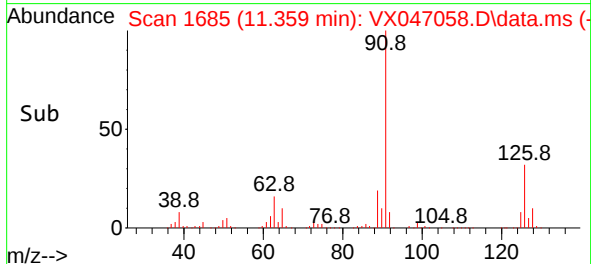
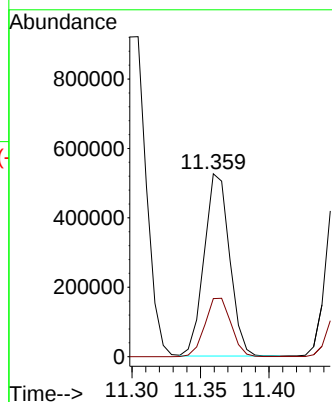
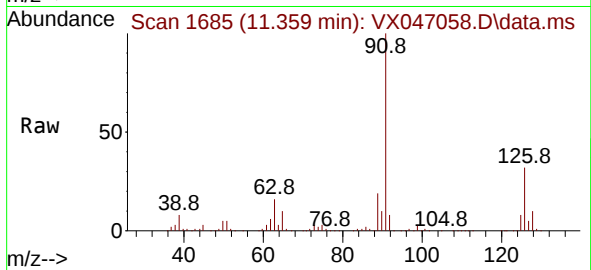
#79
2-Chlorotoluene
Concen: 53.739 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 677779
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

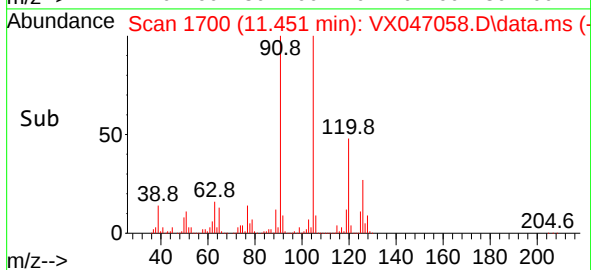
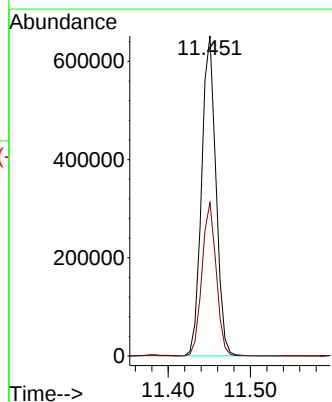
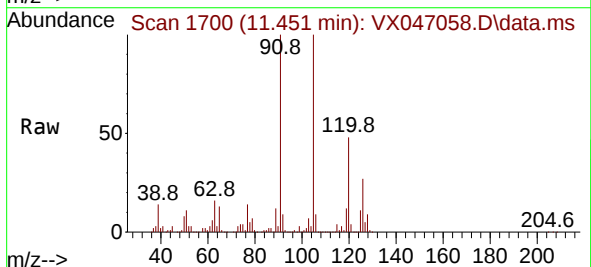
Manual Integrations
APPROVED

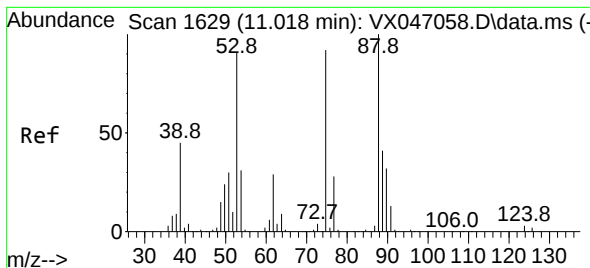
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.057 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

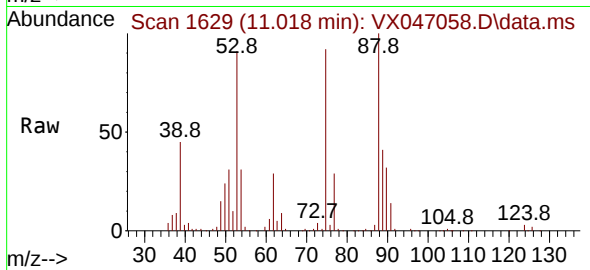
Tgt Ion:105 Resp: 788518
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 54.445 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

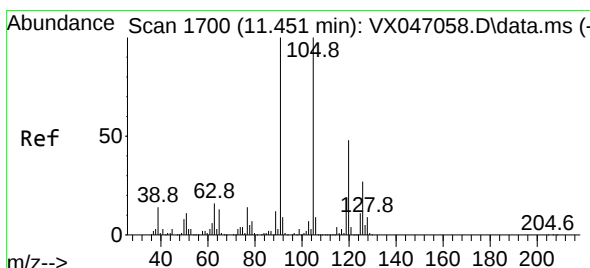
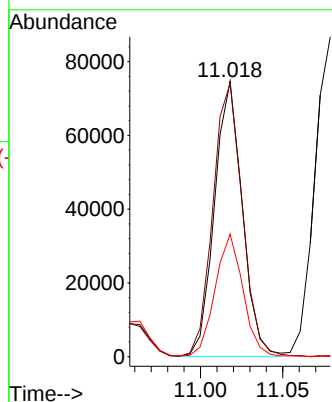
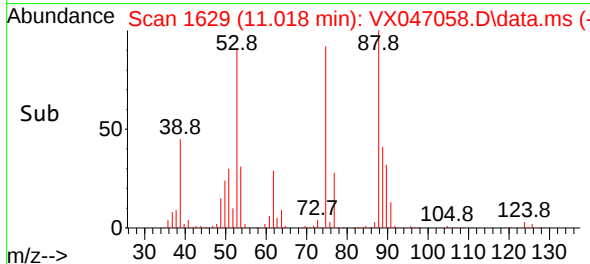
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 87538
Ion Ratio Lower Upper
75 100
53 105.3 84.2 126.4
89 45.0 36.0 54.0

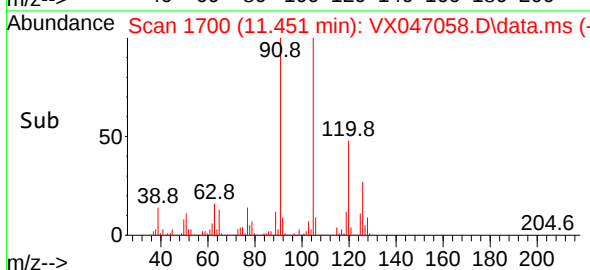
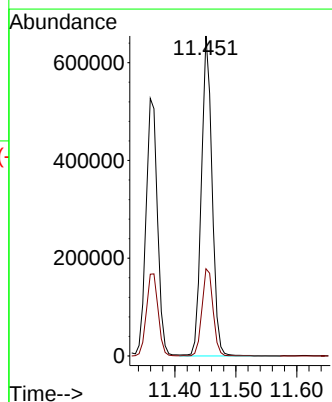
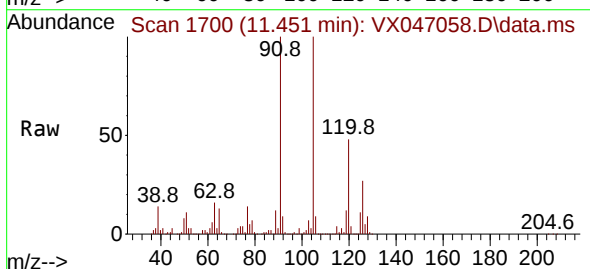
Manual Integrations
APPROVED

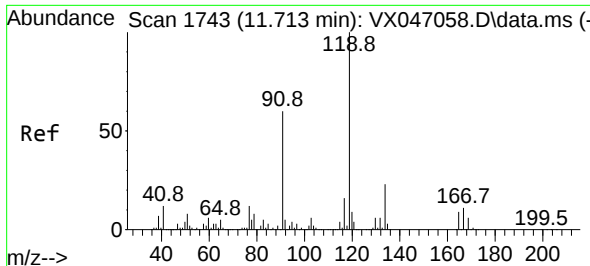
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#82
4-Chlorotoluene
Concen: 54.249 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

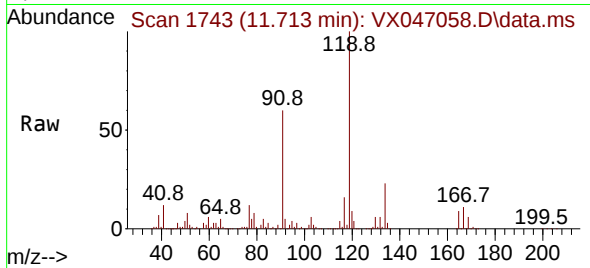
Tgt Ion: 91 Resp: 798628
Ion Ratio Lower Upper
91 100
126 28.2 14.1 42.3





#83
tert-Butylbenzene
Concen: 54.819 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

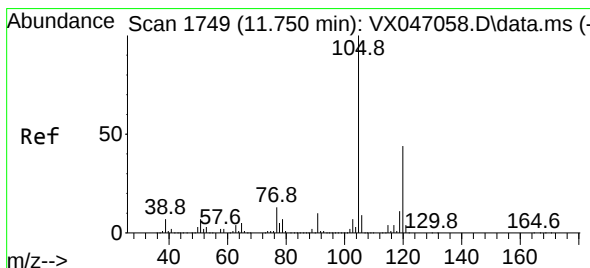
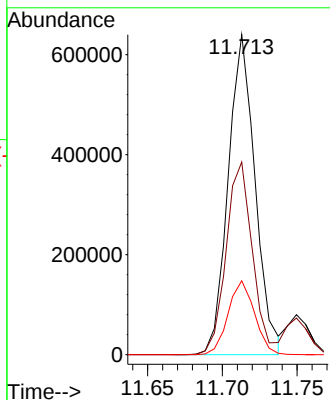
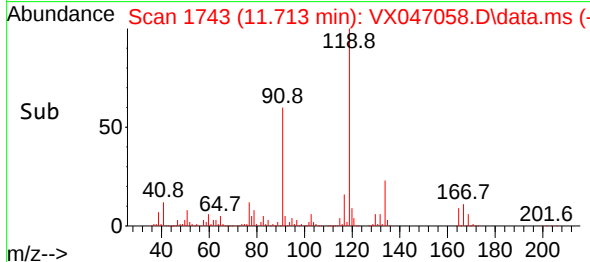
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



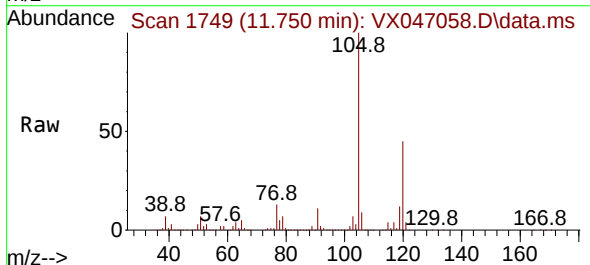
Tgt Ion:119 Resp: 802592
Ion Ratio Lower Upper
119 100
91 59.2 29.6 88.8
134 22.7 11.4 34.1

Manual Integrations
APPROVED

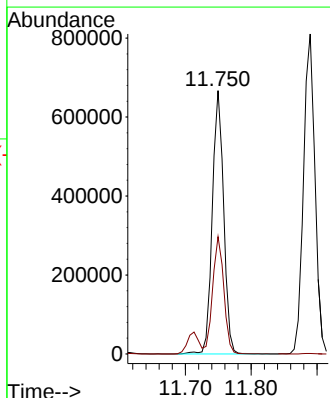
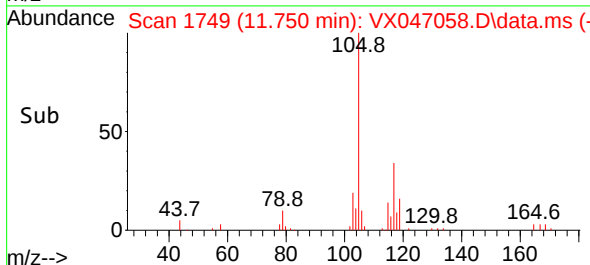
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

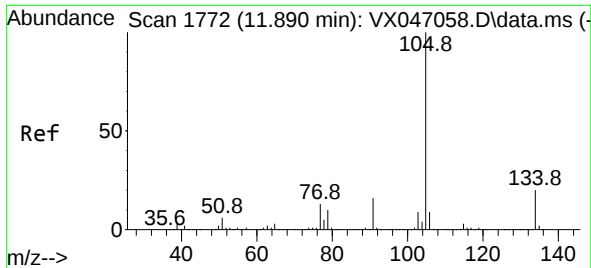


#84
1,2,4-Trimethylbenzene
Concen: 55.018 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



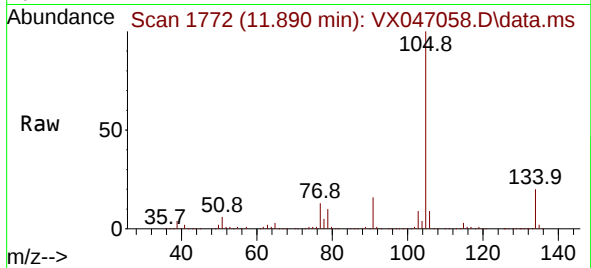
Tgt Ion:105 Resp: 800479
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 53.809 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047058.D
 Acq: 21 Jul 2025 10:50

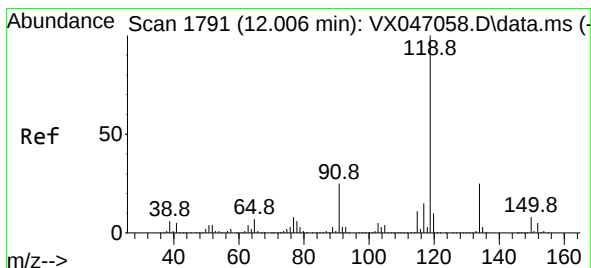
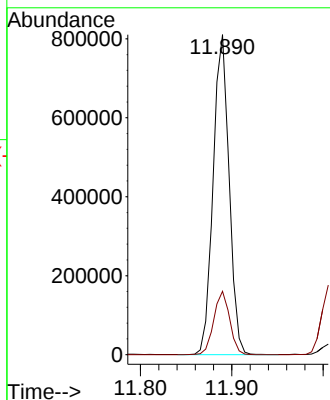
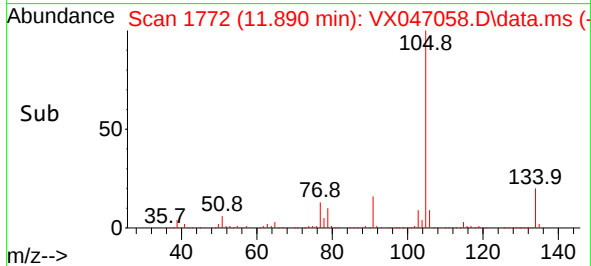
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



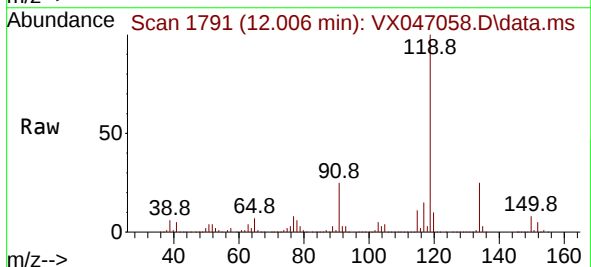
Tgt Ion:105 Resp: 984328
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
 APPROVED

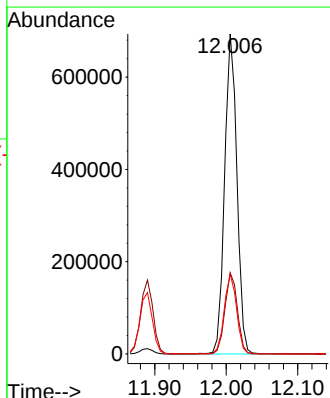
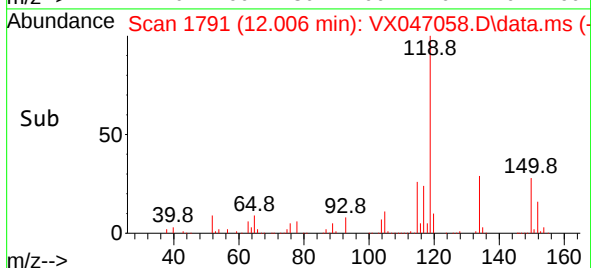
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

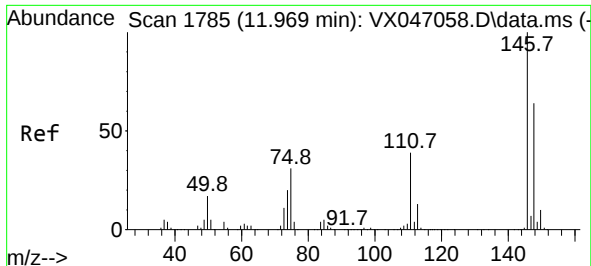


#86
 p-Isopropyltoluene
 Concen: 54.651 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047058.D
 Acq: 21 Jul 2025 10:50



Tgt Ion:119 Resp: 829044
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.079 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 427108

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

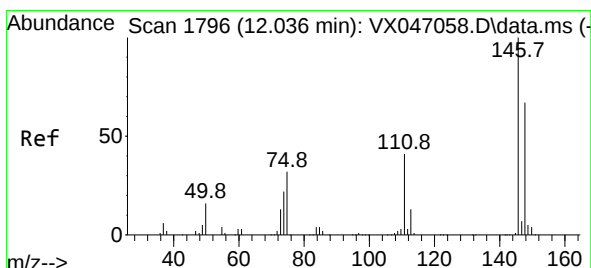
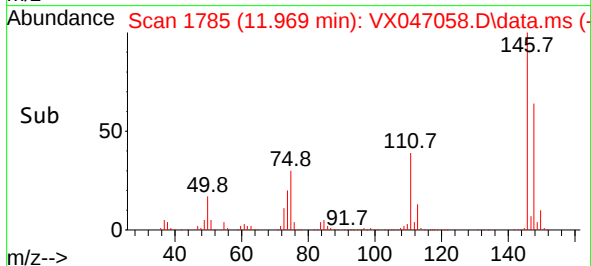
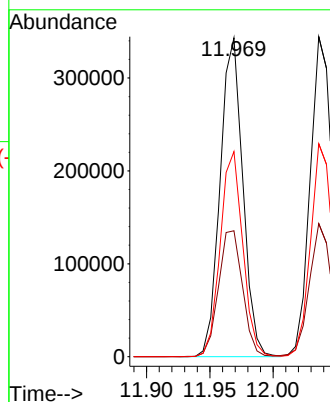
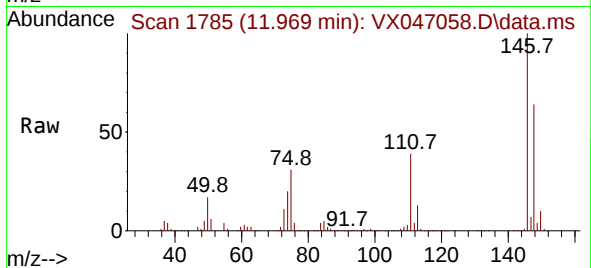
148 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#88

1,4-Dichlorobenzene

Concen: 51.978 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

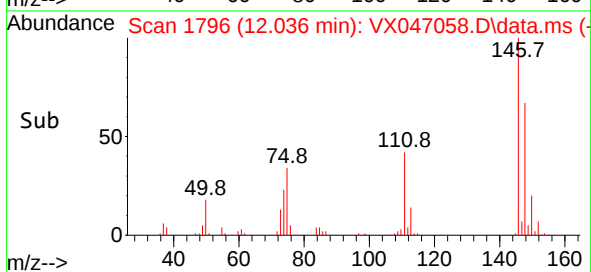
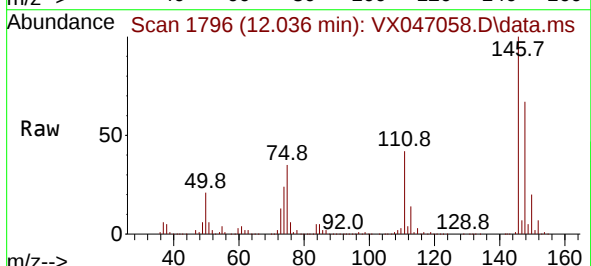
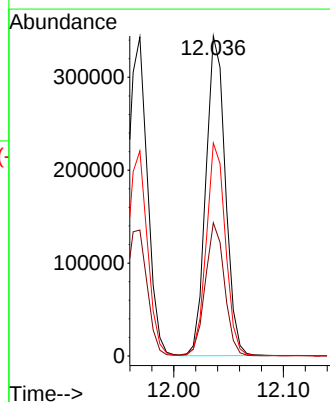
Tgt Ion:146 Resp: 423743

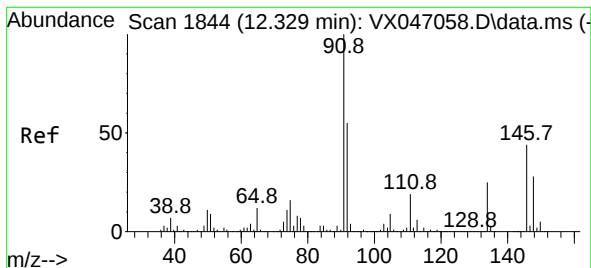
Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

148 65.9 33.0 98.9





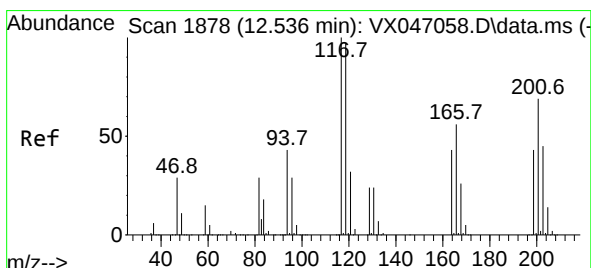
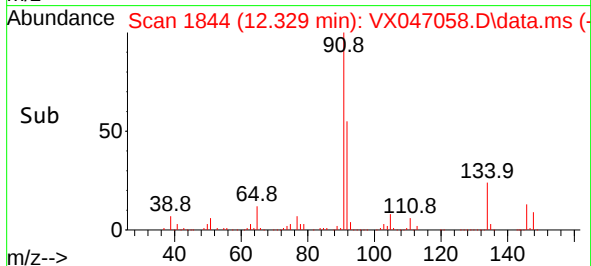
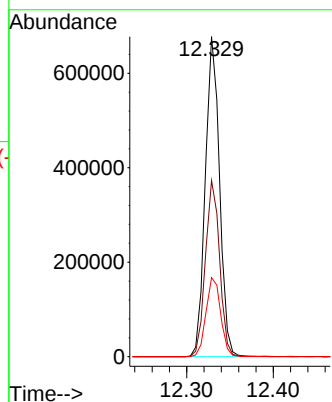
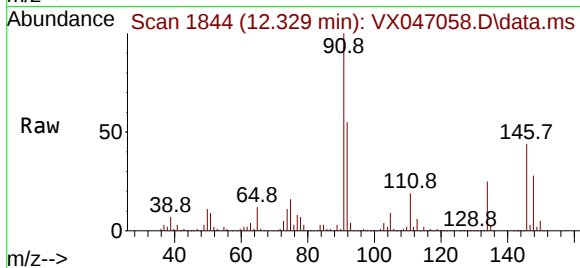
#89
n-Butylbenzene
Concen: 54.372 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 773500
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.5
134 25.5 12.8 38.3

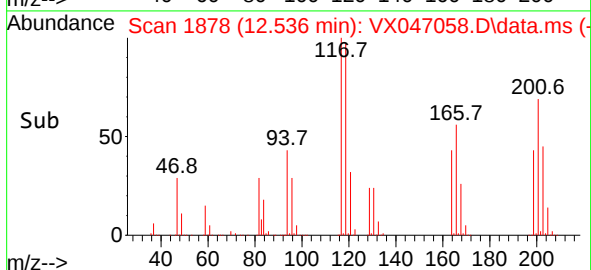
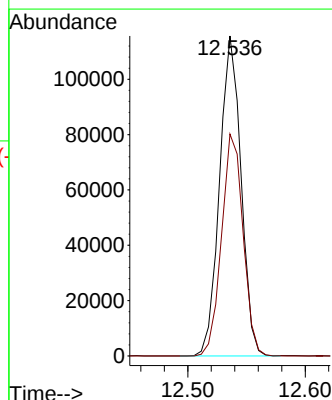
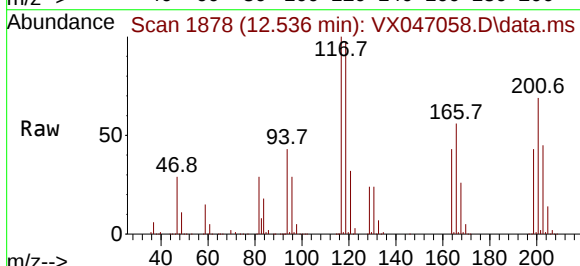
Manual Integrations
APPROVED

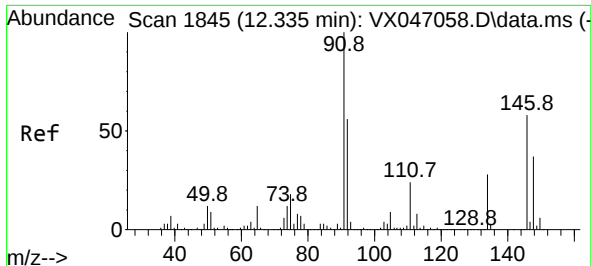
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#90
Hexachloroethane
Concen: 54.011 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

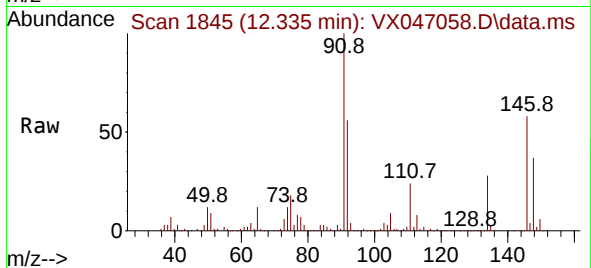
Tgt Ion:117 Resp: 146577
Ion Ratio Lower Upper
117 100
201 69.7 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 53.076 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

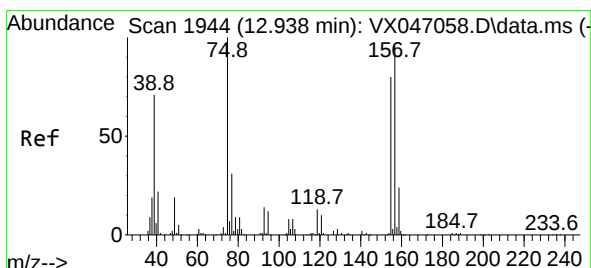
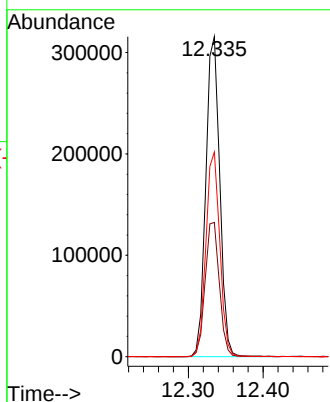
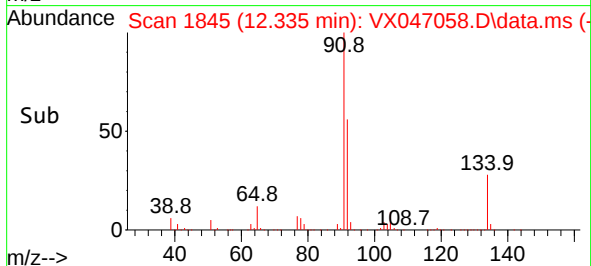
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 408192
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 63.8 31.9 95.7

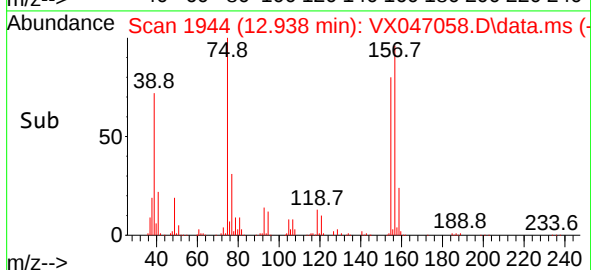
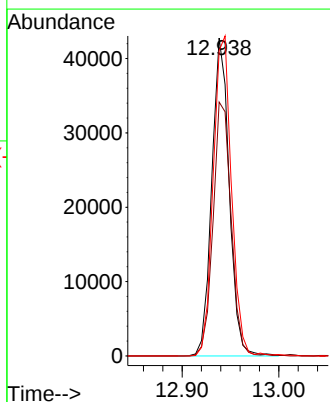
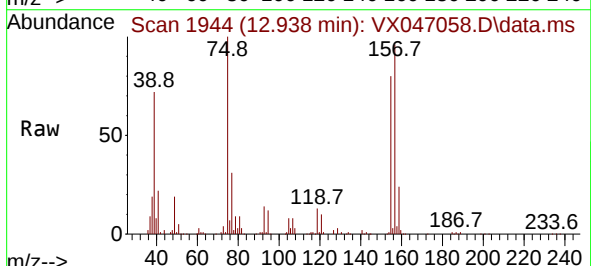
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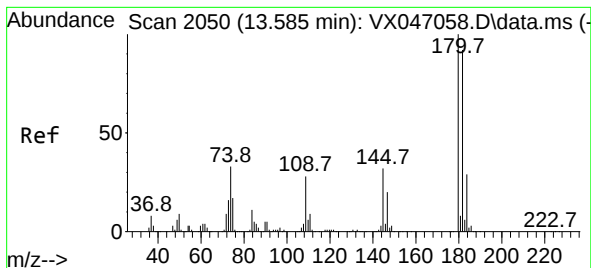
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.328 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

Tgt Ion: 75 Resp: 53563
Ion Ratio Lower Upper
75 100
155 82.7 41.3 124.1
157 105.5 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 53.926 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

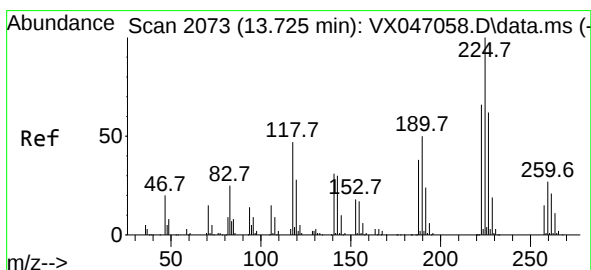
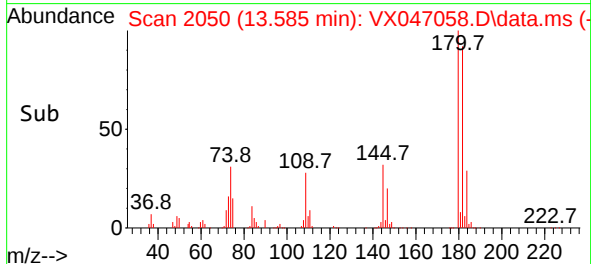
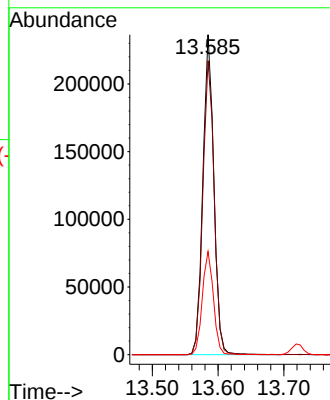
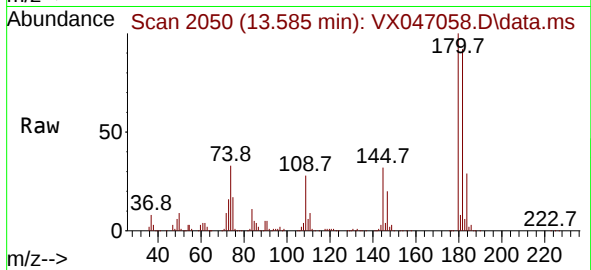
Tgt Ion:180 Resp: 274012
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.8
 145 32.7 16.4 49.1

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#94

Hexachlorobutadiene

Concen: 52.553 ug/l

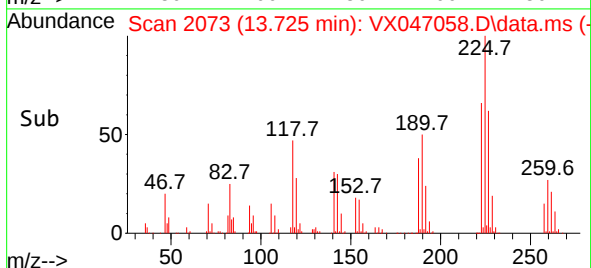
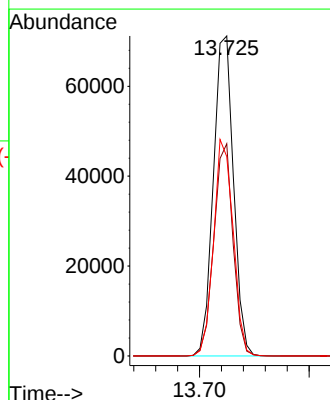
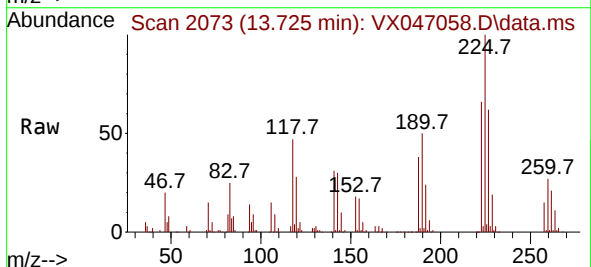
RT: 13.725 min Scan# 2073

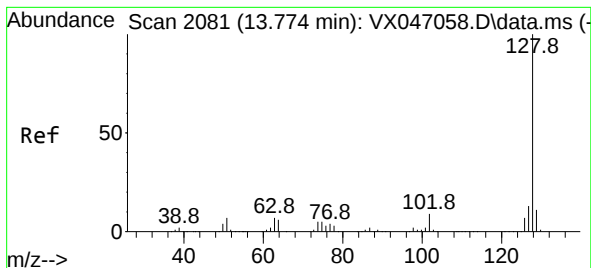
Delta R.T. 0.000 min

Lab File: VX047058.D

Acq: 21 Jul 2025 10:50

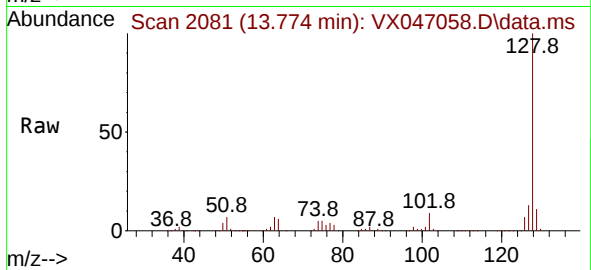
Tgt Ion:225 Resp: 90816
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 65.7 32.9 98.6





#95
Naphthalene
Concen: 56.390 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50

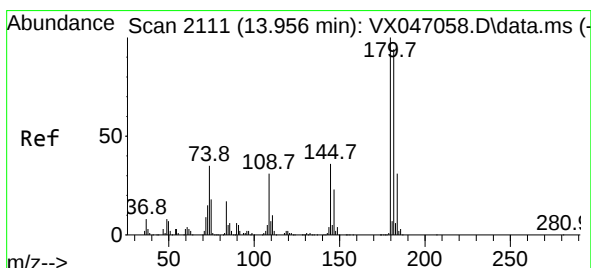
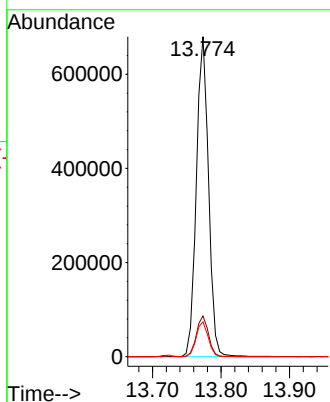
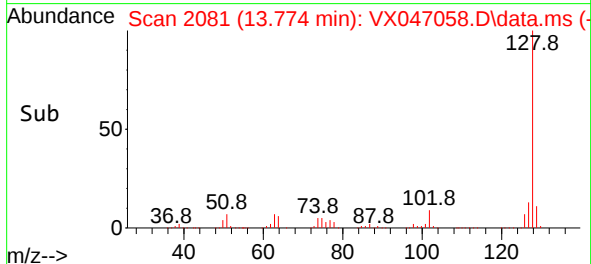
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



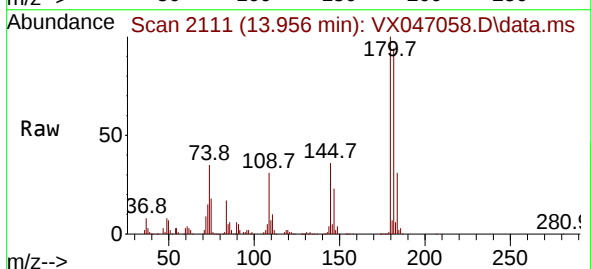
Tgt Ion:128 Resp: 839990
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.580 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047058.D
Acq: 21 Jul 2025 10:50



Tgt Ion:180 Resp: 262282
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.6
145 34.7 17.3 52.0

