

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047052.D
 Acq On : 18 Jul 2025 16:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 04:26:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2025
 Supervised By : Mahesh Dadoda 07/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	343936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	587400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	514741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	250571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	245507	54.032	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.060%			
35) Dibromofluoromethane	5.397	113	192043	48.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.320%			
50) Toluene-d8	8.653	98	686892	48.827	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.660%			
62) 4-Bromofluorobenzene	11.079	95	261891	48.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	150193	45.662	ug/l	98
3) Chloromethane	1.306	50	147193	40.958	ug/l	97
4) Vinyl Chloride	1.386	62	171915	43.929	ug/l	92
5) Bromomethane	1.623	94	81093	32.250	ug/l	98
6) Chloroethane	1.703	64	115886	44.845	ug/l	95
7) Trichlorofluoromethane	1.904	101	289866	47.902	ug/l	99
8) Diethyl Ether	2.148	74	108269	50.277	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	180836	46.899	ug/l	99
10) Methyl Iodide	2.471	142	151577	36.083	ug/l	96
11) Tert butyl alcohol	2.959	59	104040	349.126	ug/l	100
12) 1,1-Dichloroethene	2.337	96	168392	45.151	ug/l	99
13) Acrolein	2.251	56	66074	201.212	ug/l	96
14) Allyl chloride	2.678	41	326099	49.112	ug/l	99
15) Acrylonitrile	3.074	53	488484	283.518	ug/l	99
16) Acetone	2.386	43	408133	289.173	ug/l	96
17) Carbon Disulfide	2.532	76	355589	36.356	ug/l	99
18) Methyl Acetate	2.715	43	296006	79.571	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	580189	55.089	ug/l	99
20) Methylene Chloride	2.806	84	199021	47.687	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	175137	45.892	ug/l	99
22) Diisopropyl ether	3.769	45	675020	52.621	ug/l	95
23) Vinyl Acetate	3.733	43	2536328	263.912	ug/l	98
24) 1,1-Dichloroethane	3.623	63	358027	48.937	ug/l	100
25) 2-Butanone	4.562	43	600349	318.819	ug/l	98
26) 2,2-Dichloropropane	4.489	77	258141	47.411	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	222866	47.831	ug/l	97
28) Bromochloromethane	4.909	49	184391	51.068	ug/l	96
29) Tetrahydrofuran	5.013	42	376764	313.874	ug/l	98
30) Chloroform	5.105	83	371035	49.642	ug/l	98
31) Cyclohexane	5.483	56	288603	44.435	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	311490	49.882	ug/l	99
36) 1,1-Dichloropropene	5.702	75	242214	45.024	ug/l	99
37) Ethyl Acetate	4.727	43	237851	51.910	ug/l	98
38) Carbon Tetrachloride	5.690	117	265600	46.699	ug/l	98
39) Methylcyclohexane	7.385	83	286457	42.567	ug/l	99
40) Benzene	6.049	78	732536	45.019	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	146031	59.745	ug/l	96
42) 1,2-Dichloroethane	6.098	62	270729	48.997	ug/l	98
43) Isopropyl Acetate	6.348	43	402635	57.370	ug/l	99
44) Trichloroethene	7.129	130	185129	43.706	ug/l	97
45) 1,2-Dichloropropane	7.433	63	193717	47.121	ug/l	98
46) Dibromomethane	7.586	93	138460	48.609	ug/l	97
47) Bromodichloromethane	7.824	83	293286	48.221	ug/l	99
48) Methyl methacrylate	7.696	41	212802	58.723	ug/l	97
49) 1,4-Dioxane	7.659	88	48640	1158.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1266776	305.839	ug/l	100
52) Toluene	8.720	92	465789	46.194	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	273131	50.319	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	300414	48.488	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	184308	49.074	ug/l	98
56) Ethyl methacrylate	9.116	69	286729	55.159	ug/l	95
57) 1,3-Dichloropropane	9.311	76	313394	48.460	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	747740	255.295	ug/l	99
59) 2-Hexanone	9.427	43	876141	318.903	ug/l	98
60) Dibromochloromethane	9.518	129	213838	47.576	ug/l	100
61) 1,2-Dibromoethane	9.610	107	185566	49.197	ug/l	99
64) Tetrachloroethene	9.275	164	152618	44.532	ug/l	97
65) Chlorobenzene	10.079	112	520975	46.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	181220	48.440	ug/l	100
67) Ethyl Benzene	10.195	91	915295	48.025	ug/l	99
68) m/p-Xylenes	10.299	106	679542	94.622	ug/l	98
69) o-Xylene	10.640	106	332027	47.862	ug/l	99
70) Styrene	10.652	104	584579	49.253	ug/l	99
71) Bromoform	10.799	173	138906	49.936	ug/l	99
73) Isopropylbenzene	10.963	105	891185	50.594	ug/l	99
74) N-amyl acetate	10.841	43	369947	61.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	261826	54.057	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	213183m	55.062	ug/l	
77) Bromobenzene	11.195	156	210100	47.886	ug/l	95
78) n-propylbenzene	11.305	91	1055639	49.702	ug/l	100
79) 2-Chlorotoluene	11.360	91	624023	49.758	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	727333	50.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76805	53.234	ug/l	96
82) 4-Chlorotoluene	11.451	91	731415	50.538	ug/l	99
83) tert-Butylbenzene	11.713	119	737198	49.870	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	735160	50.818	ug/l	94
85) sec-Butylbenzene	11.890	105	927194	49.748	ug/l	99
86) p-Isopropyltoluene	12.006	119	767346	49.164	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	398248	48.534	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	398022	46.607	ug/l	99
89) n-Butylbenzene	12.329	91	716621	48.865	ug/l	99
90) Hexachloroethane	12.536	117	134745	48.700	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	378318	47.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	51888	61.250	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	254513	47.114	ug/l	99
94) Hexachlorobutadiene	13.725	225	83691	41.081	ug/l	98
95) Naphthalene	13.774	128	792828	55.697	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	243801	47.765	ug/l	97

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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

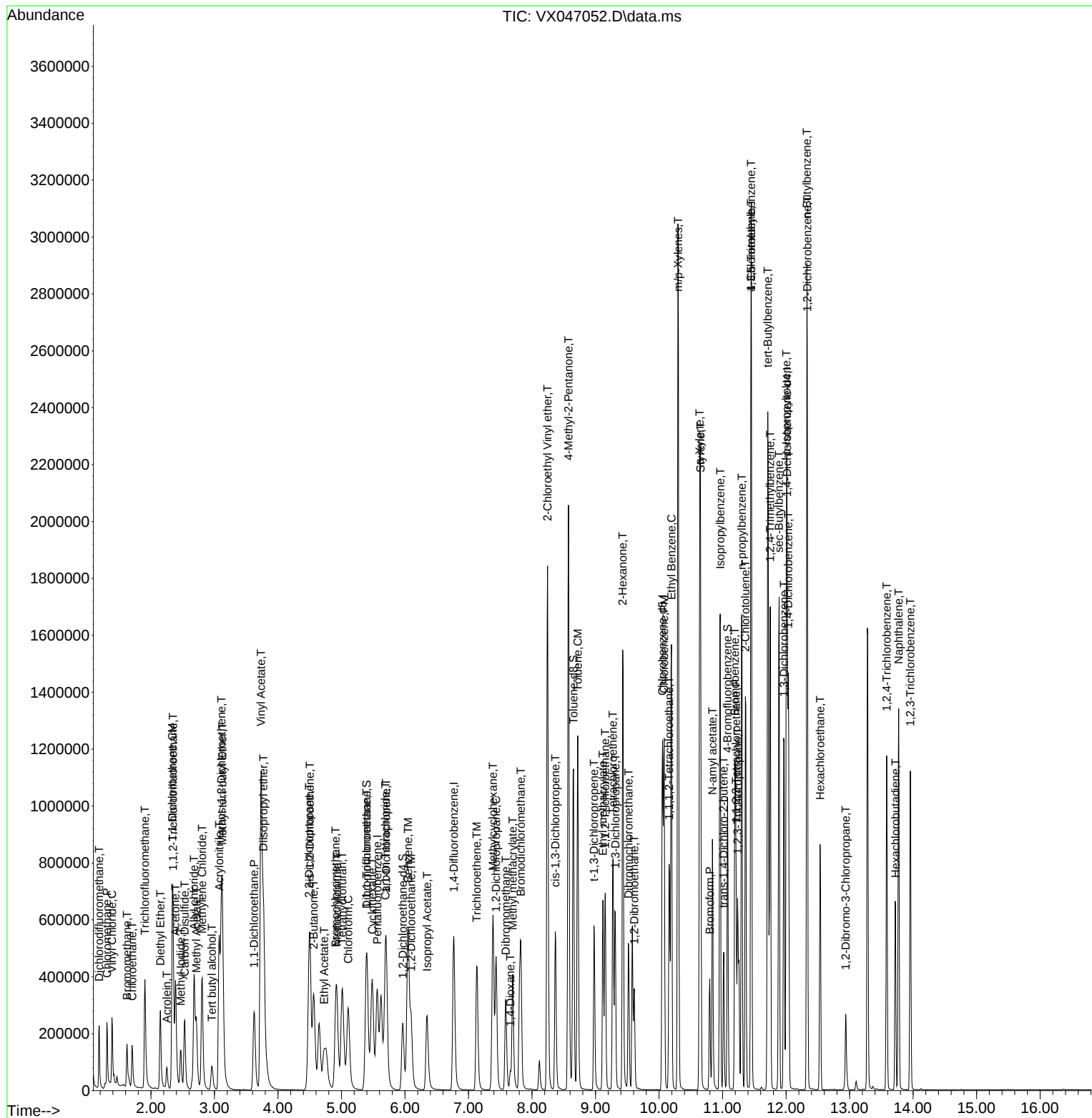
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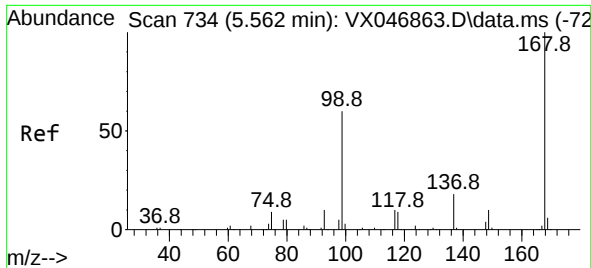
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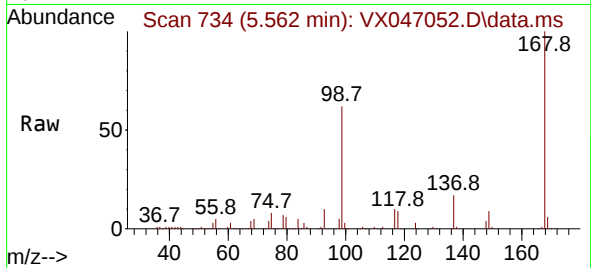
Reviewed By :John Carlone 07/21/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047052.D
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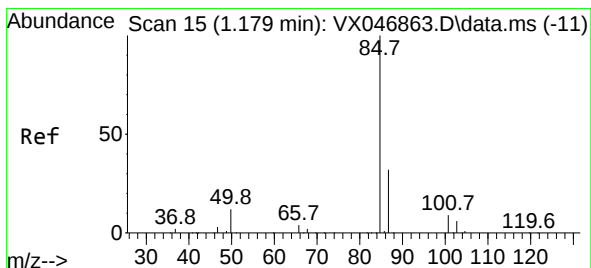
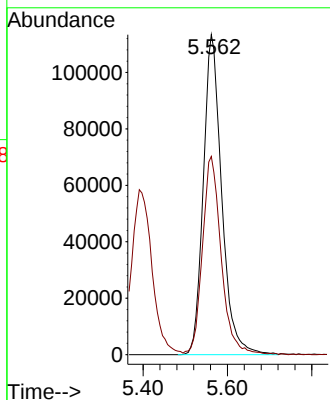
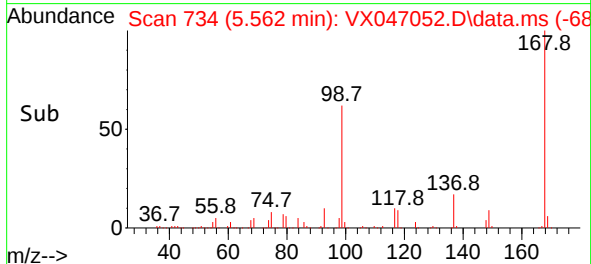
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 343930
Ion Ratio Lower Upper
168 100
99 61.8 48.8 73.2

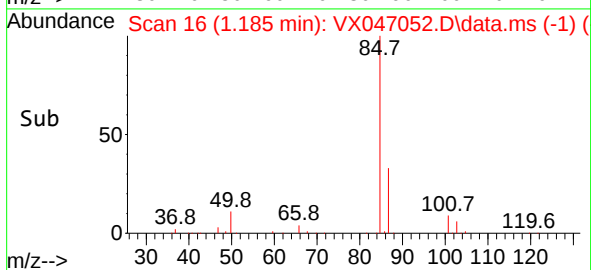
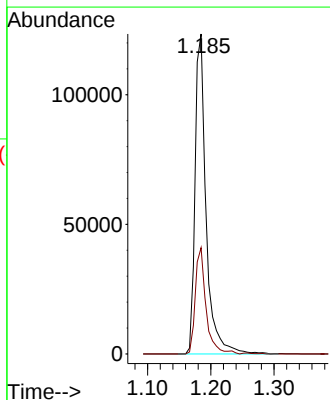
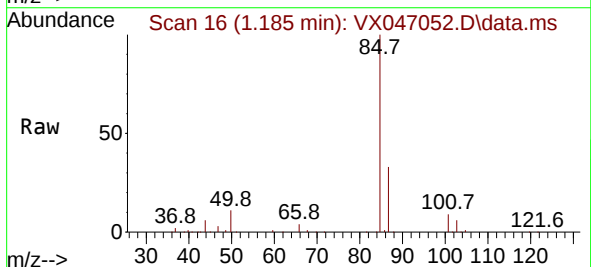
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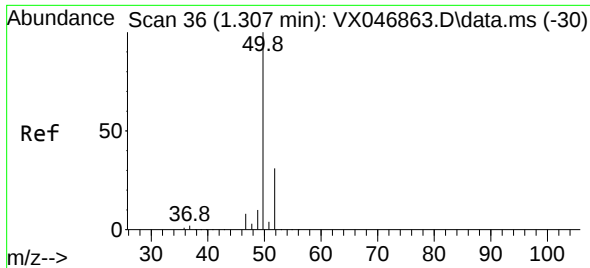
Reviewed By :John Carlone 07/21/2025
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#2
Dichlorodifluoromethane
Concen: 45.662 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX047052.D
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Tgt Ion: 85 Resp: 150193
Ion Ratio Lower Upper
85 100
87 33.2 16.0 47.9





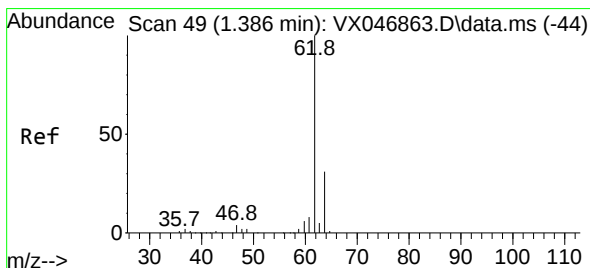
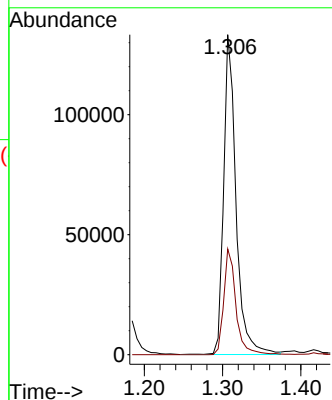
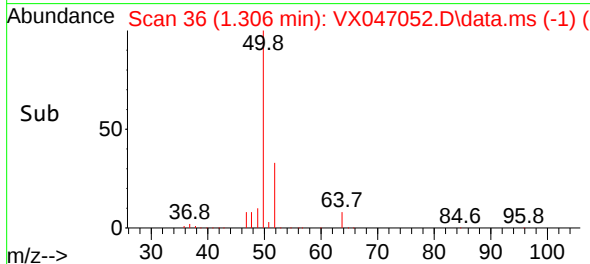
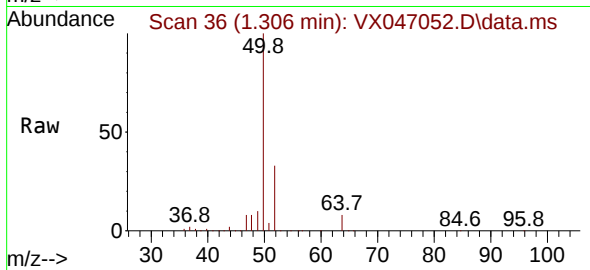
#3
Chloromethane
Concen: 40.958 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 14719
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

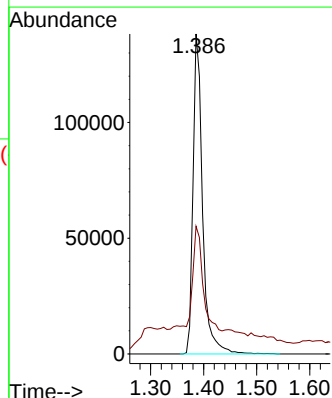
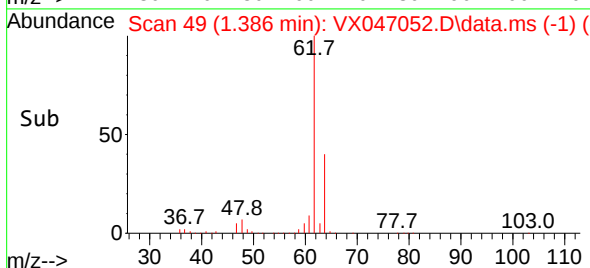
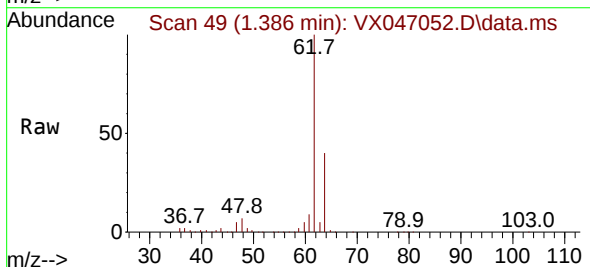
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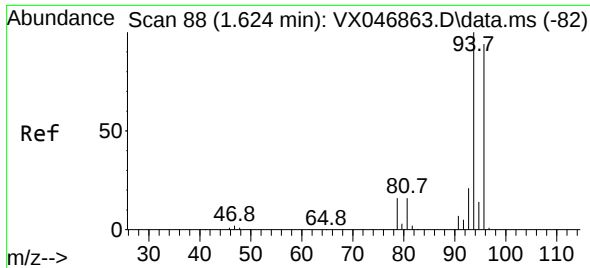
Reviewed By :John Carlone 07/21/2025
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#4
Vinyl Chloride
Concen: 43.929 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

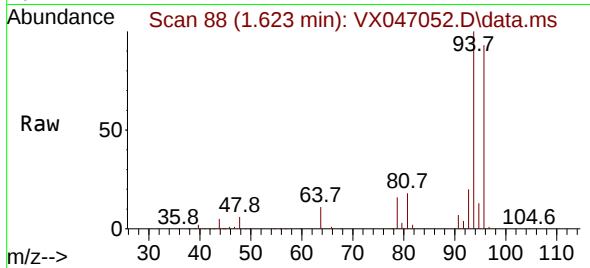
Tgt Ion: 62 Resp: 171915
Ion Ratio Lower Upper
62 100
64 35.5 25.0 37.4





#5
Bromomethane
Concen: 32.250 ug/l
RT: 1.623 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

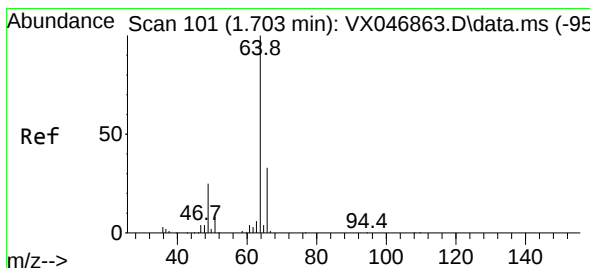
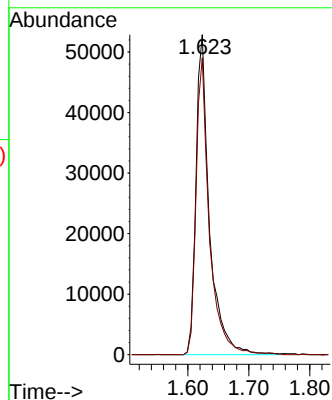
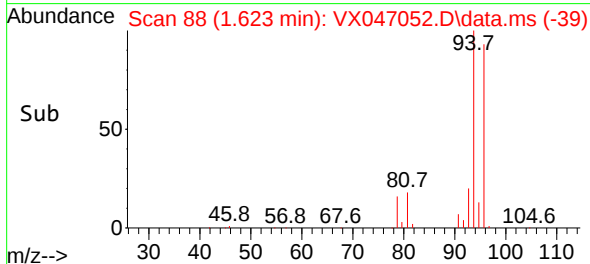
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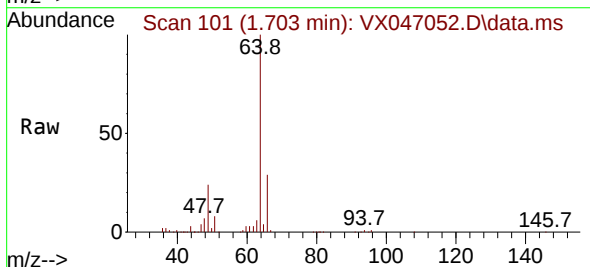
Tgt Ion: 94 Resp: 8109
Ion Ratio Lower Upper
94 100
96 92.8 75.5 113.3

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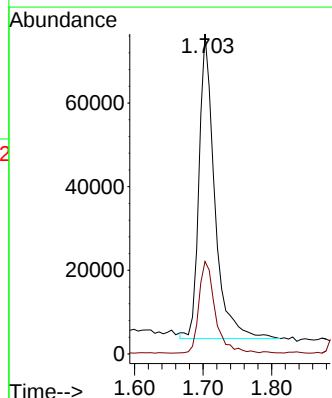
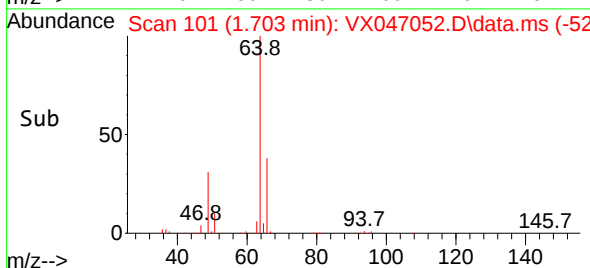
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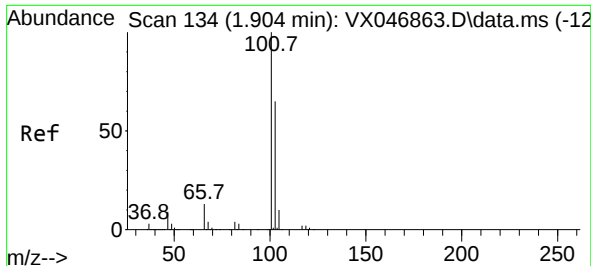


#6
Chloroethane
Concen: 44.845 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047052.D
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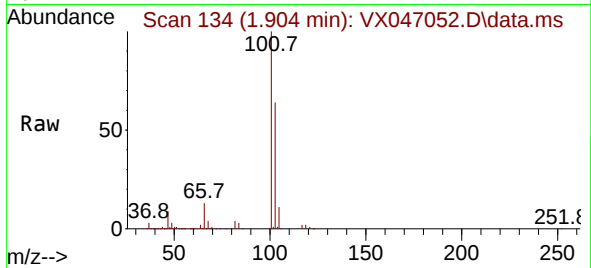
Tgt Ion: 64 Resp: 115886
Ion Ratio Lower Upper
64 100
66 30.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 47.902 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

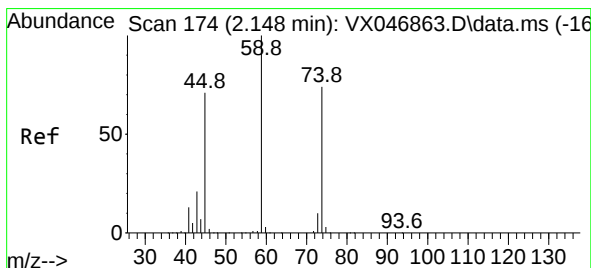
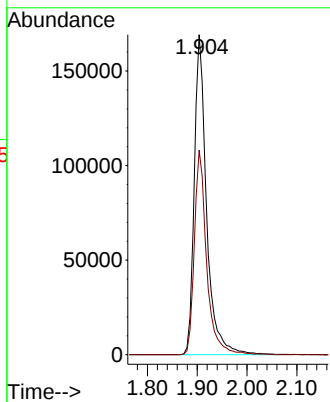
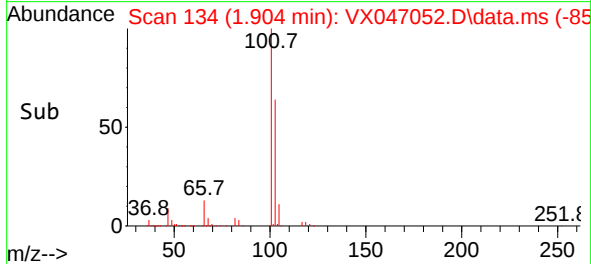
Instrument :
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Tgt Ion:101 Resp: 289860
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

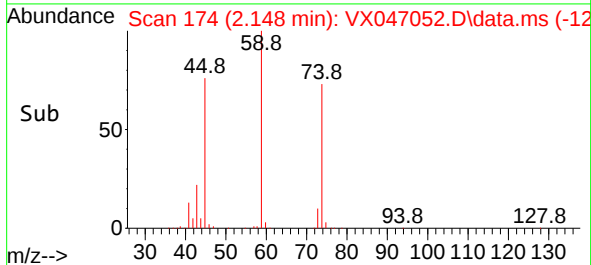
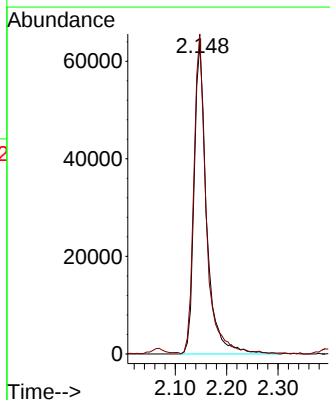
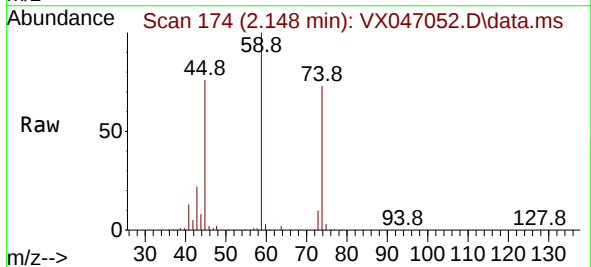
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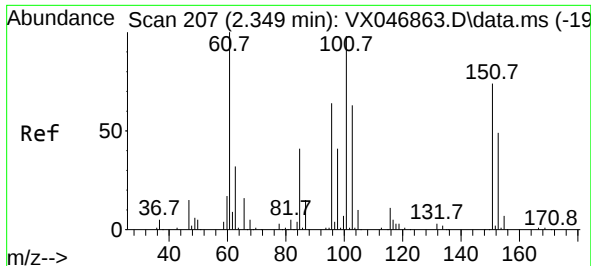
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#8
Diethyl Ether
Concen: 50.277 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

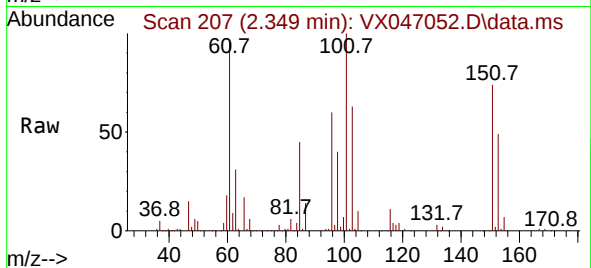
Tgt Ion: 74 Resp: 108269
Ion Ratio Lower Upper
74 100
45 101.0 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.899 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

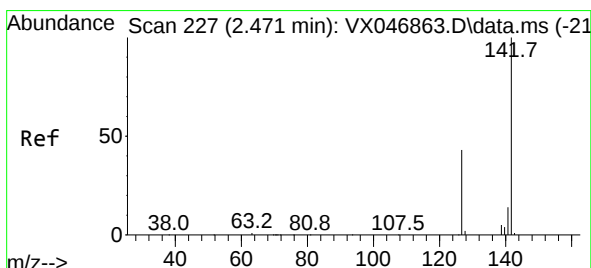
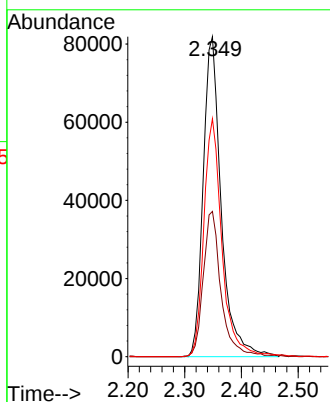
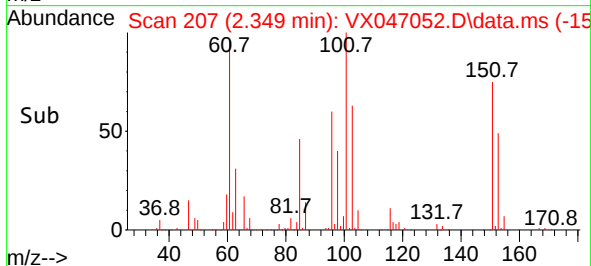
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 180830
Ion Ratio Lower Upper
101 100
85 45.1 34.3 51.5
151 74.7 59.9 89.9

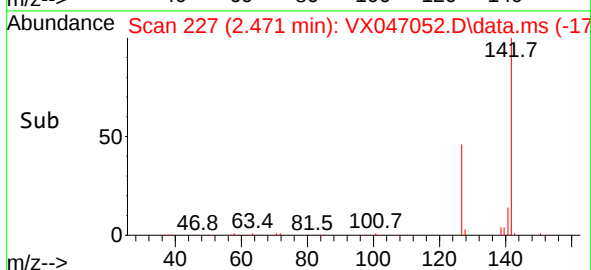
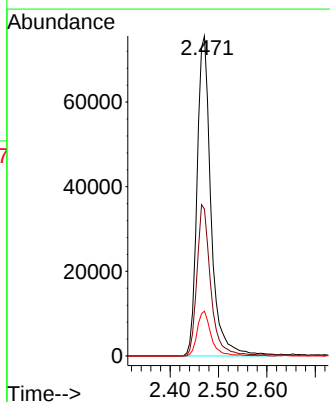
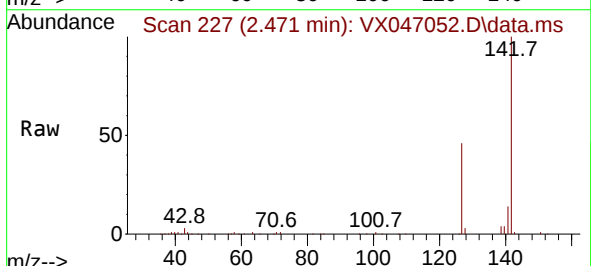
Manual Integrations
APPROVED

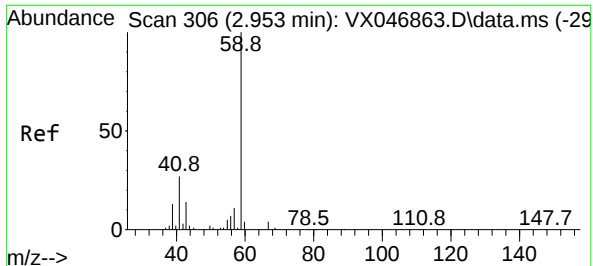
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#10
Methyl Iodide
Concen: 36.083 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

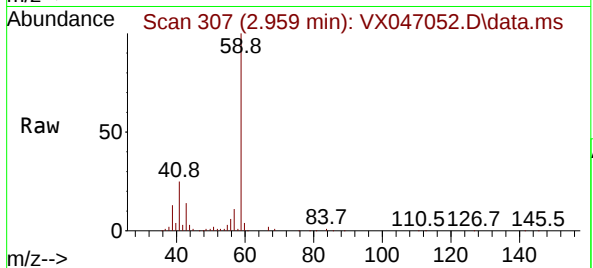
Tgt Ion:142 Resp: 151577
Ion Ratio Lower Upper
142 100
127 46.6 34.9 52.3
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 349.126 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

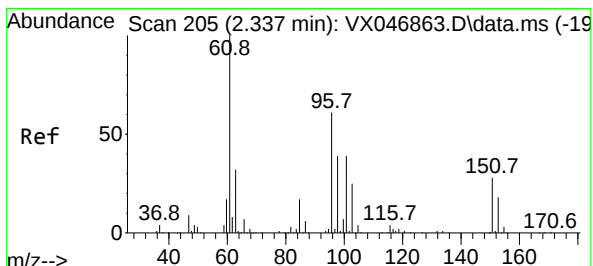
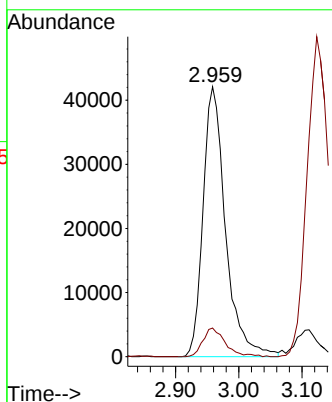
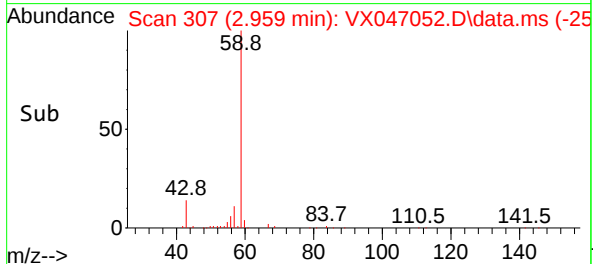
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 104040
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

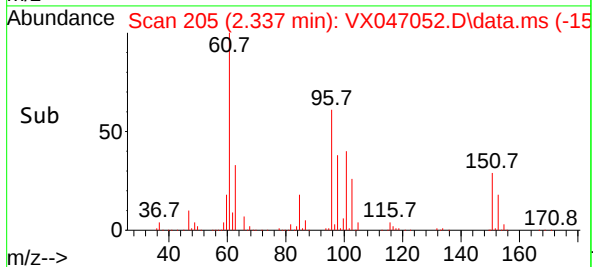
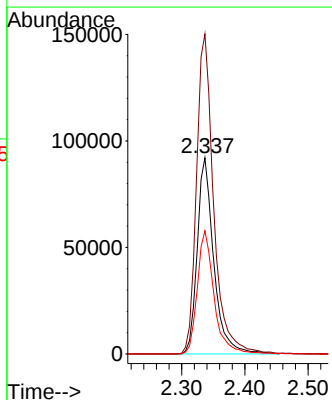
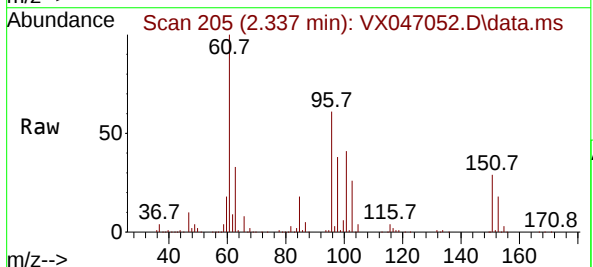
Manual Integrations
APPROVED

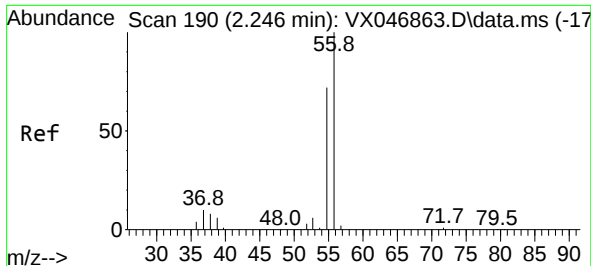
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#12
1,1-Dichloroethene
Concen: 45.151 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

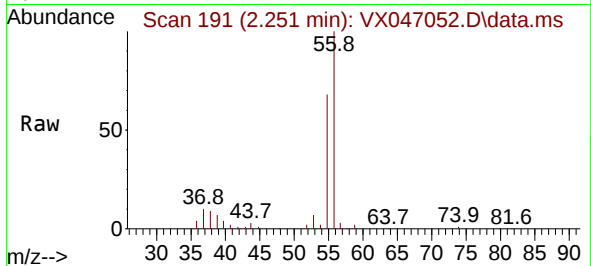
Tgt Ion: 96 Resp: 168392
Ion Ratio Lower Upper
96 100
61 163.1 130.2 195.4
98 62.8 51.3 76.9





#13
Acrolein
Concen: 201.212 ug/l
RT: 2.251 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

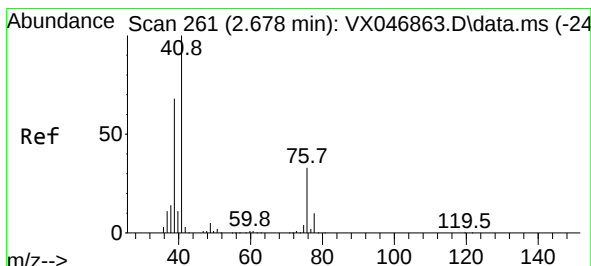
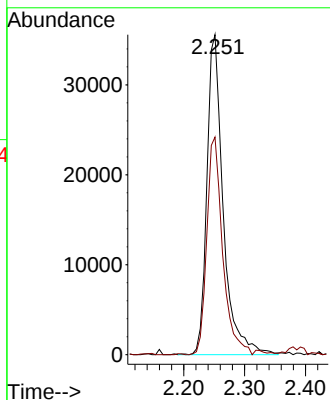
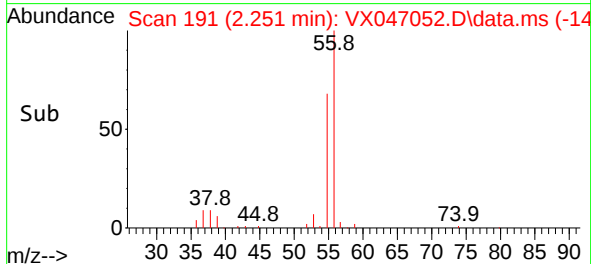
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 66074
Ion Ratio Lower Upper
56 100
55 66.2 55.5 83.3

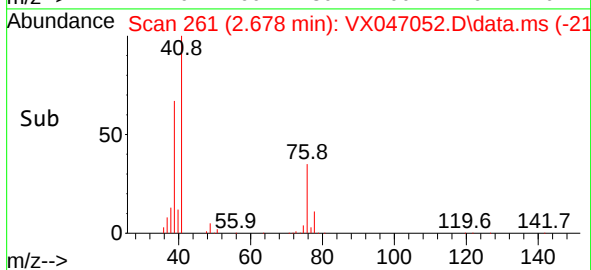
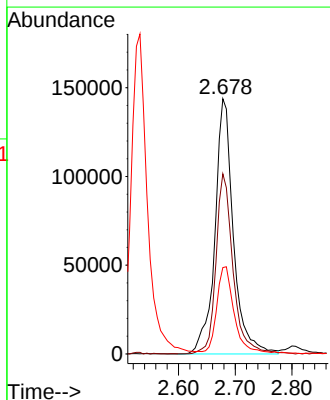
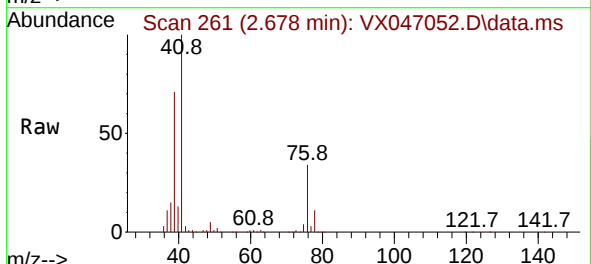
Manual Integrations
APPROVED

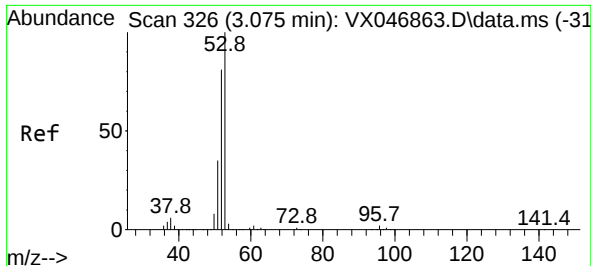
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#14
Allyl chloride
Concen: 49.112 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

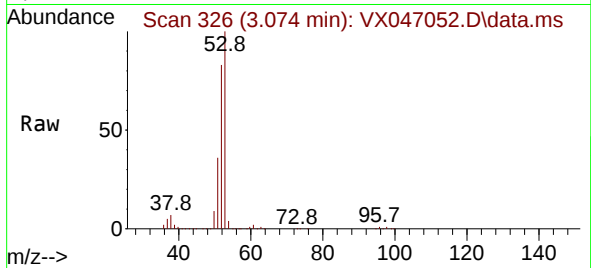
Tgt Ion: 41 Resp: 326099
Ion Ratio Lower Upper
41 100
39 65.3 52.0 78.0
76 32.2 26.2 39.2





#15
Acrylonitrile
Concen: 283.518 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

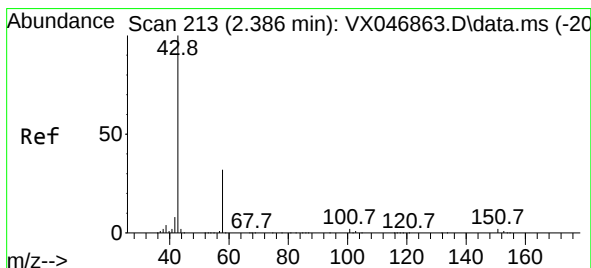
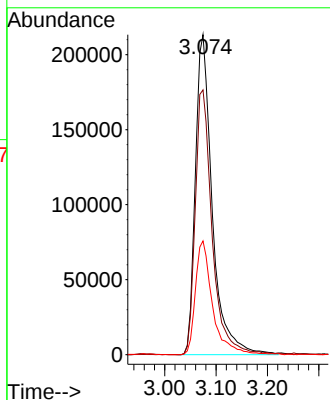
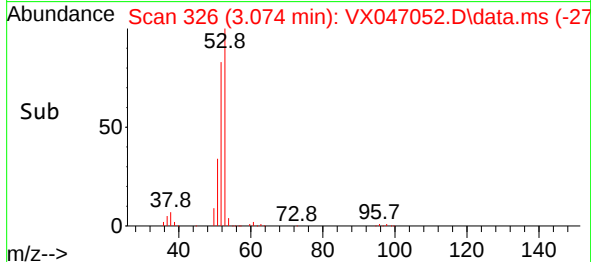
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 488484
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.2 28.6 43.0

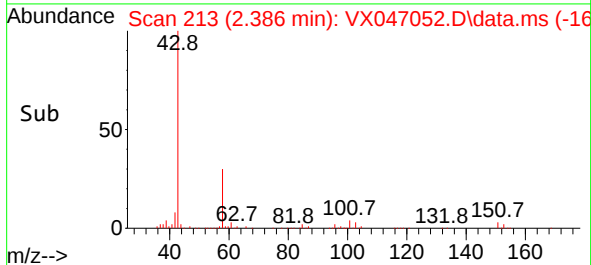
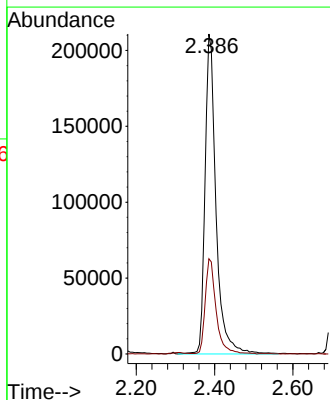
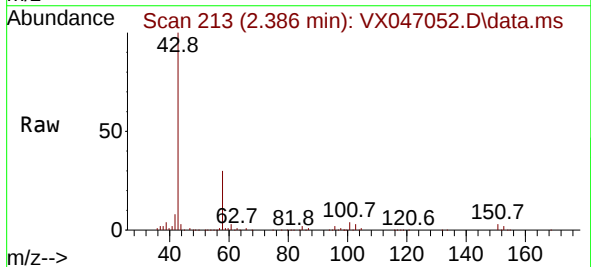
Manual Integrations
APPROVED

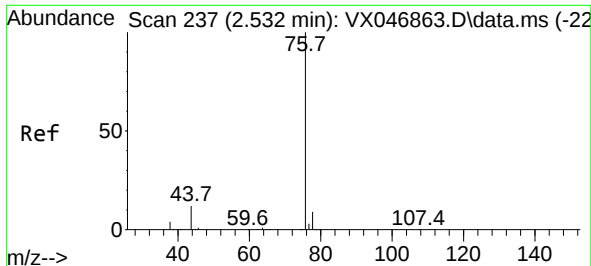
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#16
Acetone
Concen: 289.173 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

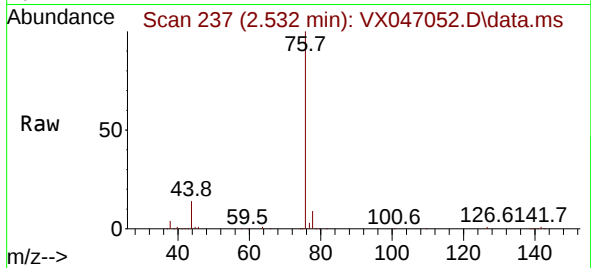
Tgt Ion: 43 Resp: 408133
Ion Ratio Lower Upper
43 100
58 29.8 25.8 38.6





#17
Carbon Disulfide
Concen: 36.356 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

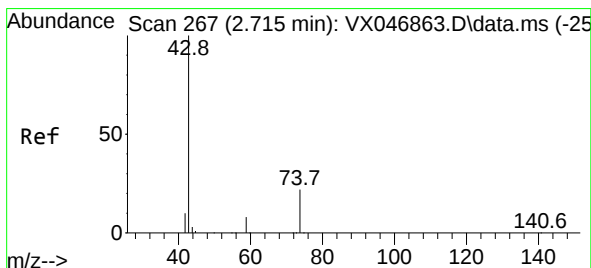
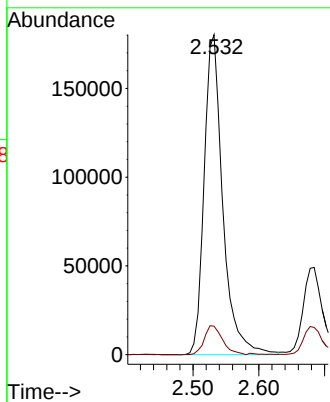
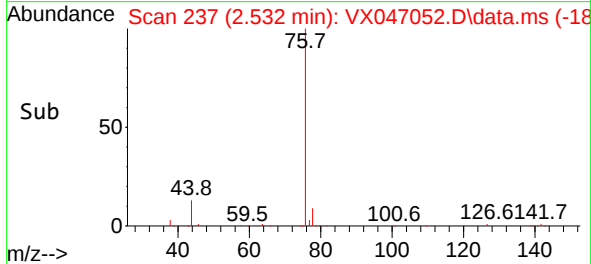
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 355589
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

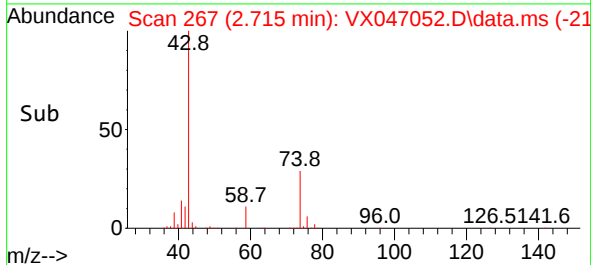
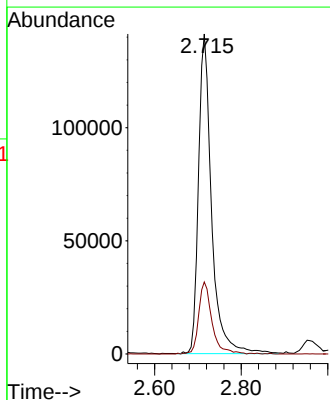
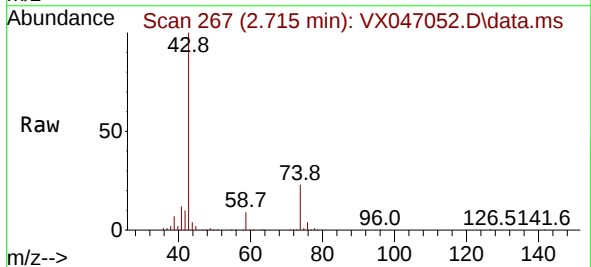
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#18
Methyl Acetate
Concen: 79.571 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

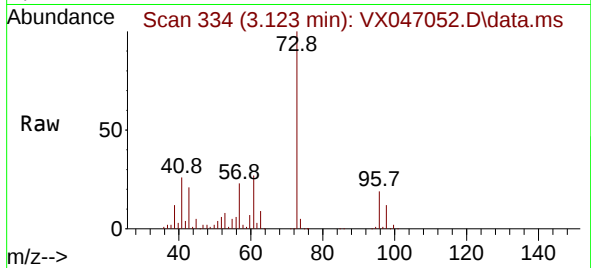
Tgt Ion: 43 Resp: 296006
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 55.089 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

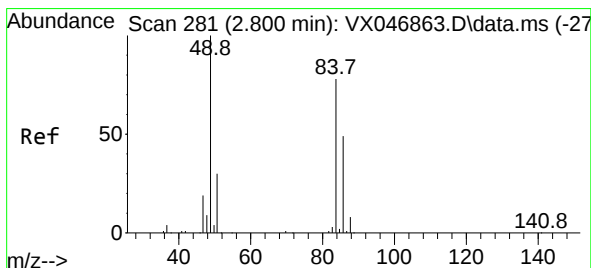
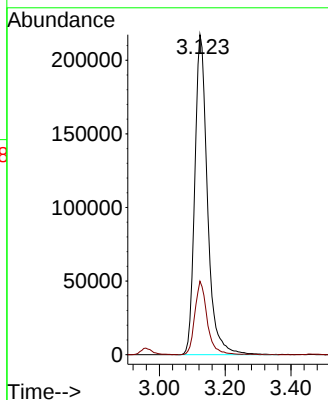
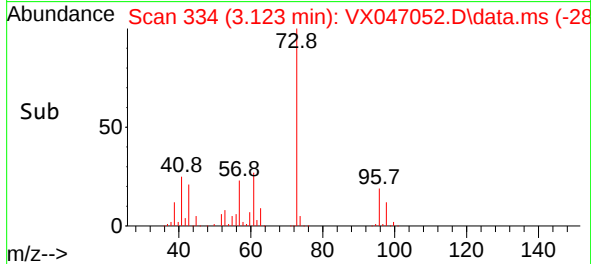
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 580189
Ion Ratio Lower Upper
73 100
57 23.0 18.6 28.0

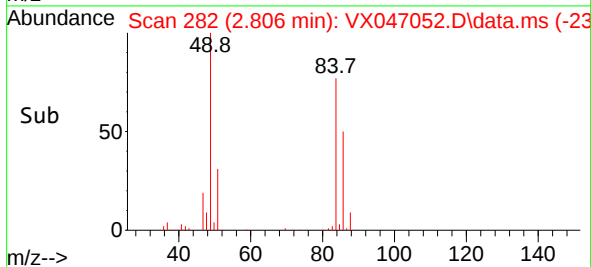
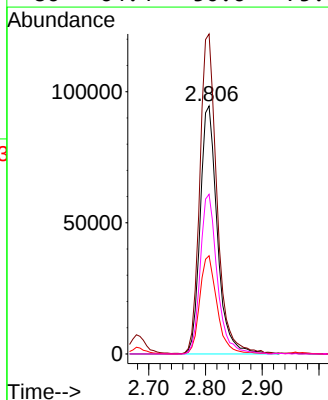
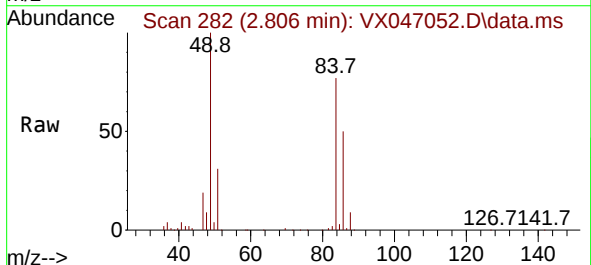
Manual Integrations
APPROVED

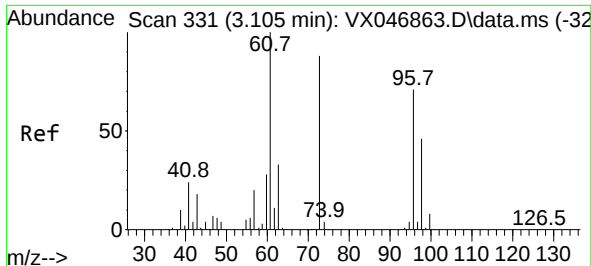
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#20
Methylene Chloride
Concen: 47.687 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

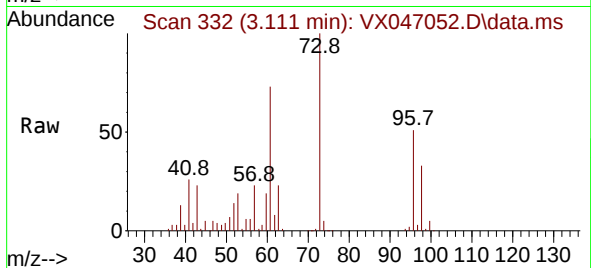
Tgt Ion: 84 Resp: 199021
Ion Ratio Lower Upper
84 100
49 128.8 102.8 154.2
51 39.6 31.1 46.7
86 64.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 45.892 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

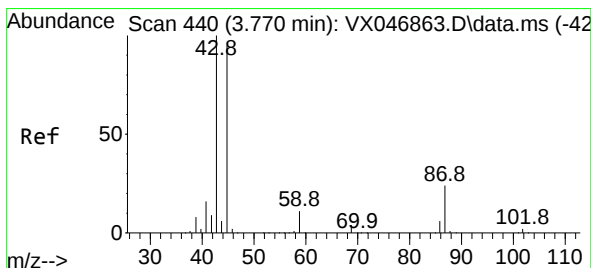
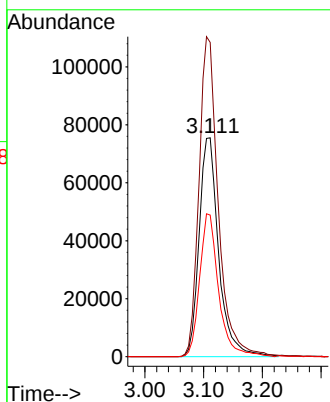
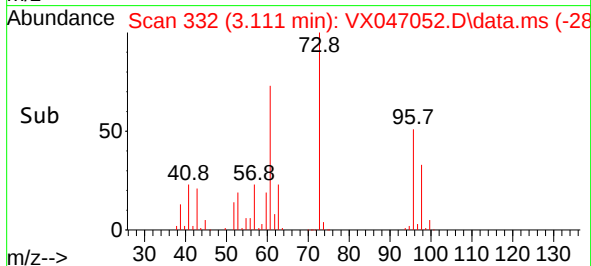
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 17513
Ion Ratio Lower Upper
96 100
61 143.5 113.4 170.2
98 64.7 51.8 77.6

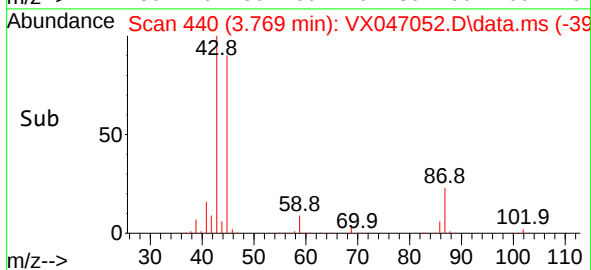
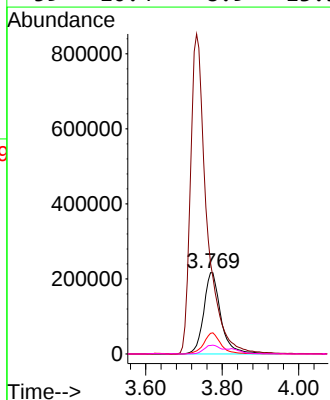
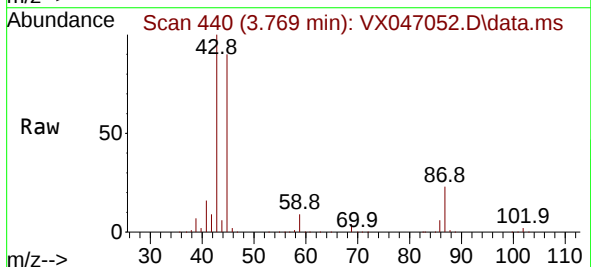
Manual Integrations
APPROVED

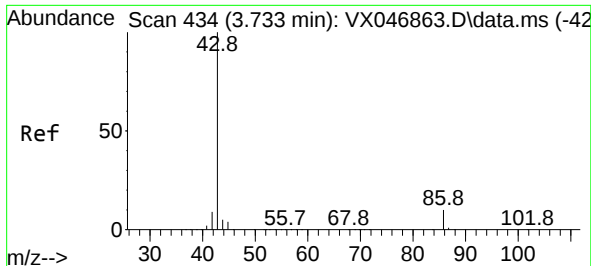
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#22
Diisopropyl ether
Concen: 52.621 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion: 45 Resp: 675020
Ion Ratio Lower Upper
45 100
43 111.5 84.2 126.4
87 25.4 20.3 30.5
59 10.4 8.9 13.3





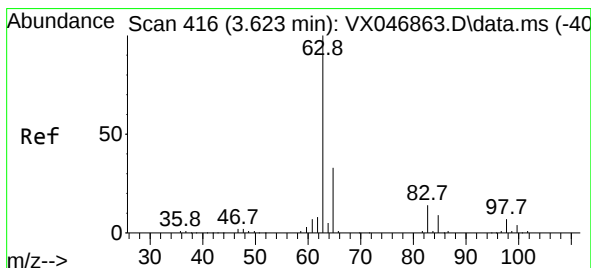
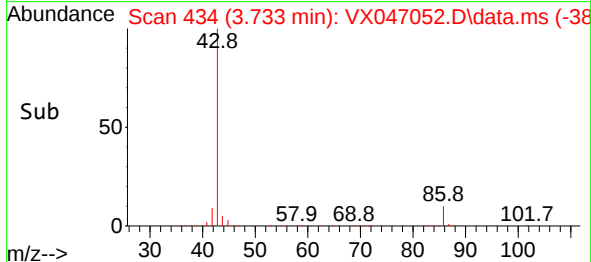
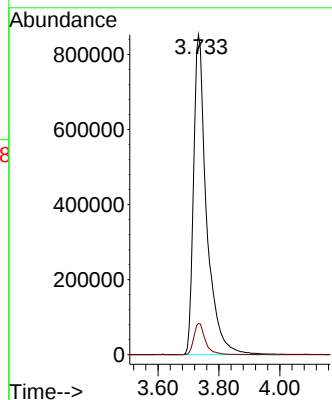
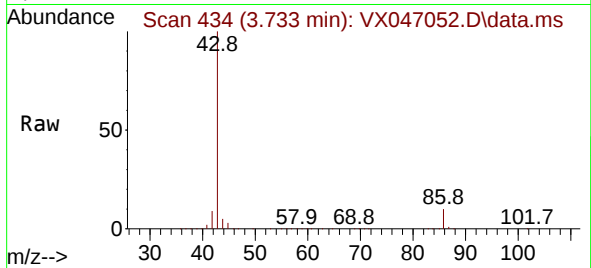
#23
 Vinyl Acetate
 Concen: 263.912 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX047052.D
 Acq: 18 Jul 2025 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2536328
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4

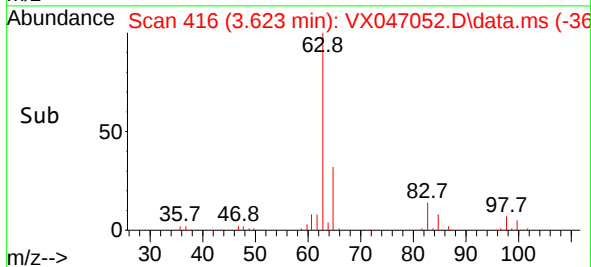
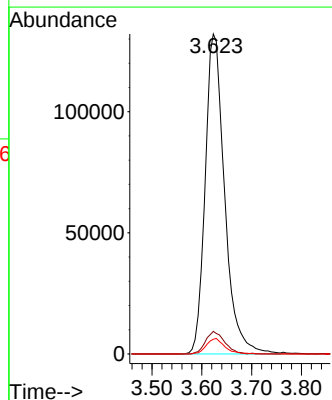
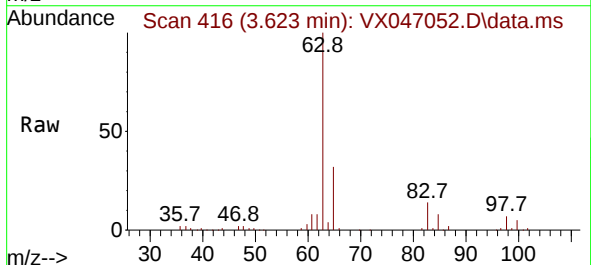
Manual Integrations
 APPROVED

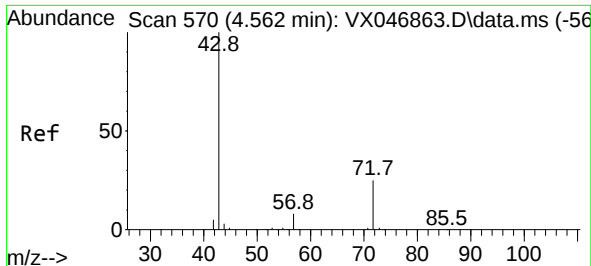
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#24
 1,1-Dichloroethane
 Concen: 48.937 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047052.D
 Acq: 18 Jul 2025 16:03

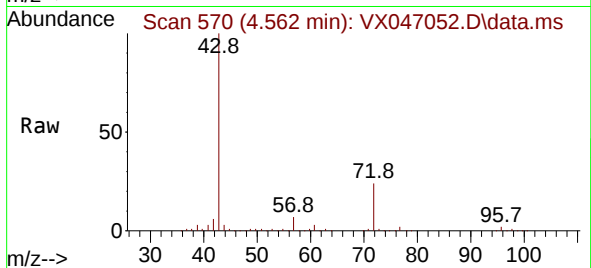
Tgt Ion: 63 Resp: 358027
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.6 2.3 6.9





#25
2-Butanone
Concen: 318.819 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

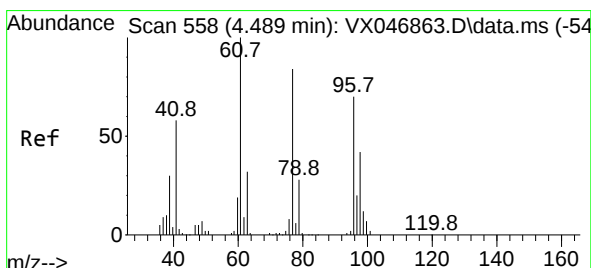
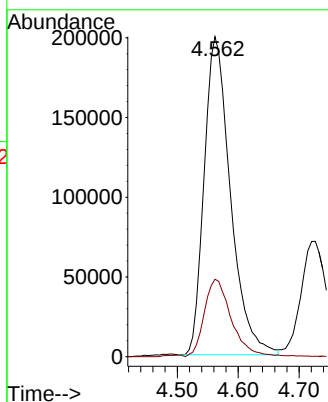
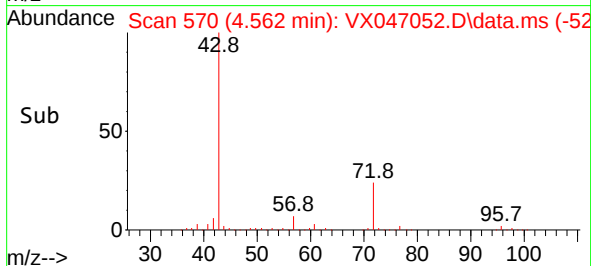
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 600349
Ion Ratio Lower Upper
43 100
72 24.0 20.0 30.0

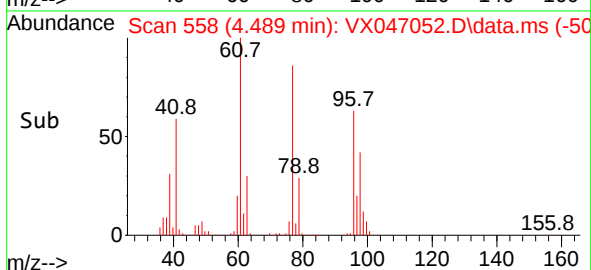
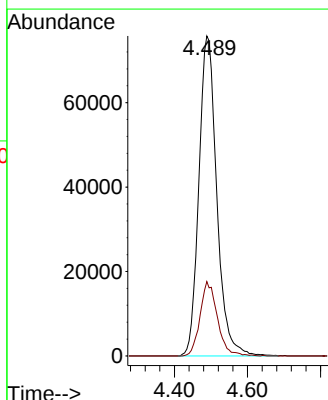
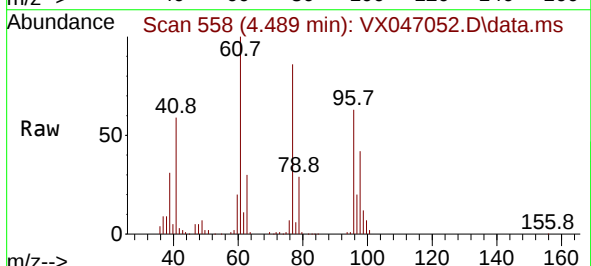
Manual Integrations
APPROVED

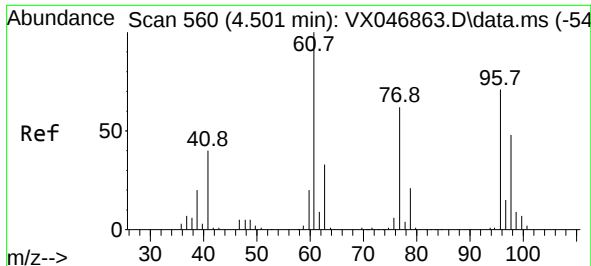
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#26
2,2-Dichloropropane
Concen: 47.411 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion: 77 Resp: 258141
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 47.831 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 222860

Ion Ratio Lower Upper

96 100

61 148.8 0.0 288.6

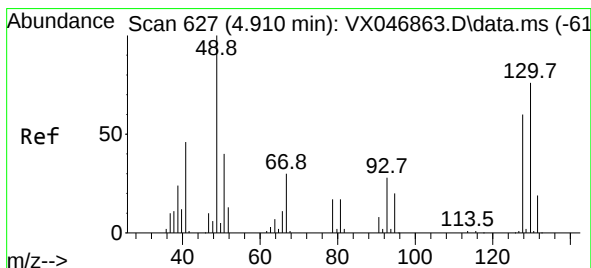
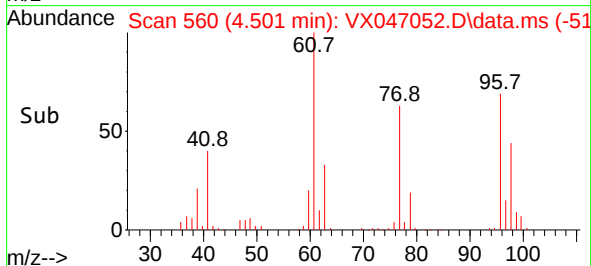
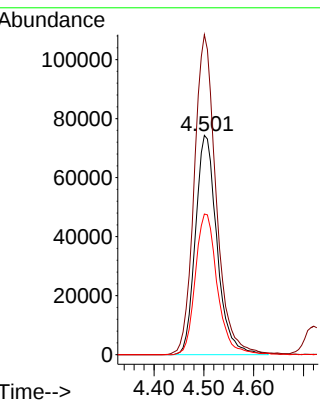
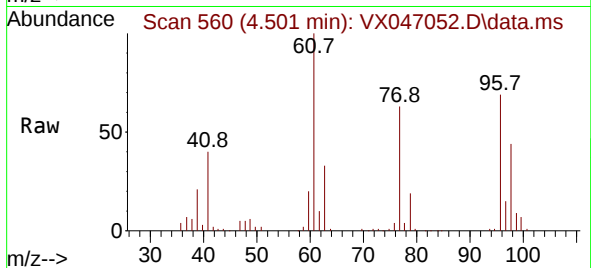
98 65.7 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#28

Bromochloromethane

Concen: 51.068 ug/l

RT: 4.909 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

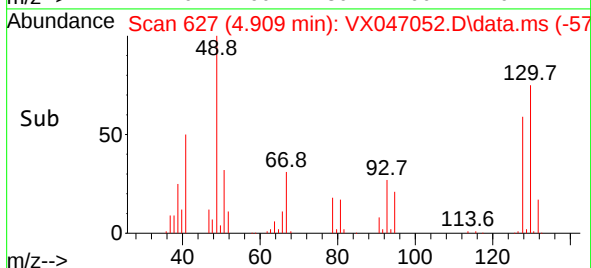
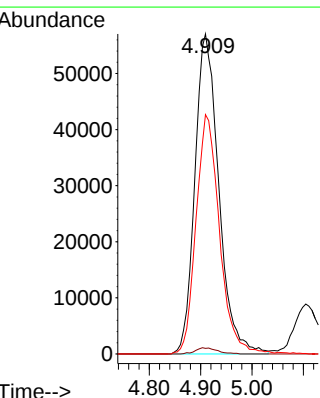
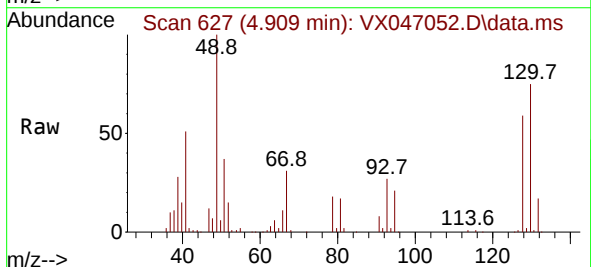
Tgt Ion: 49 Resp: 184391

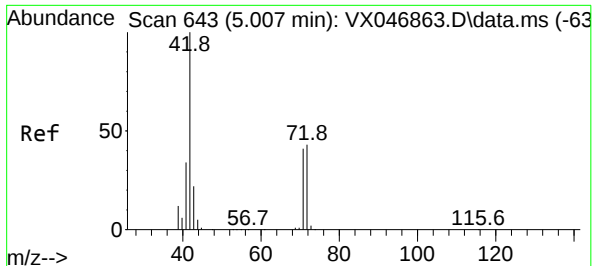
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.2

130 73.3 61.7 92.5





#29

Tetrahydrofuran

Concen: 313.874 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

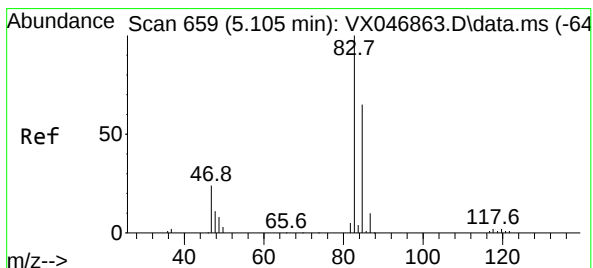
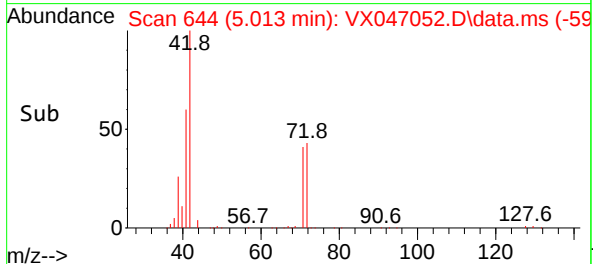
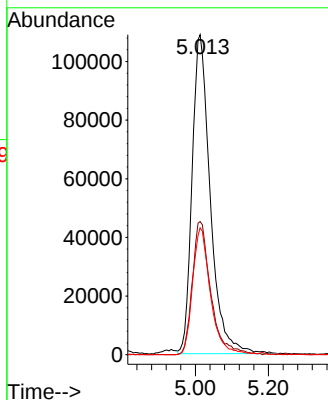
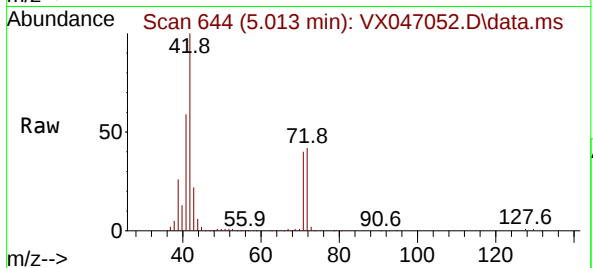
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 376764
 Ion Ratio Lower Upper
 42 100
 72 42.4 35.1 52.7
 71 39.0 31.9 47.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#30

Chloroform

Concen: 49.642 ug/l

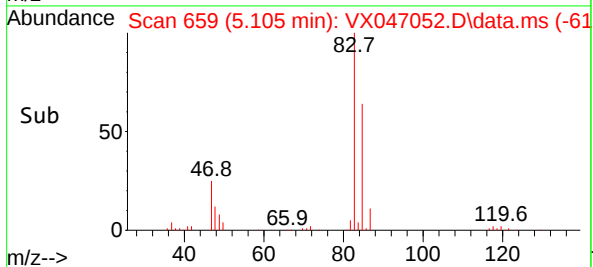
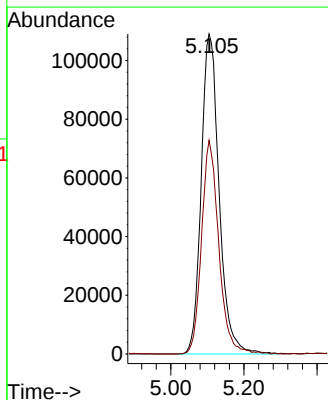
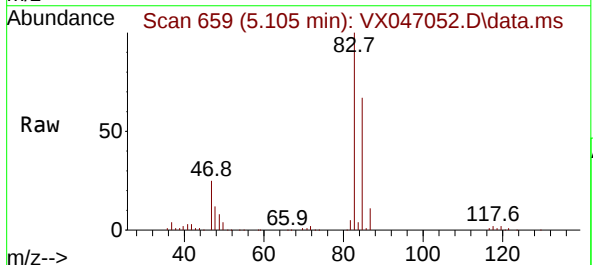
RT: 5.105 min Scan# 659

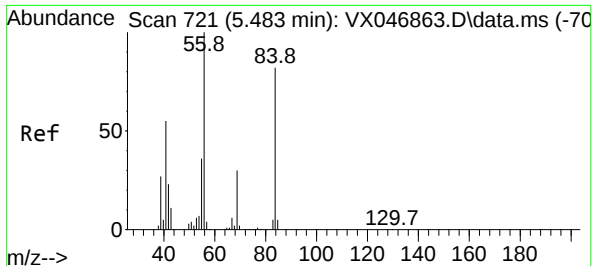
Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

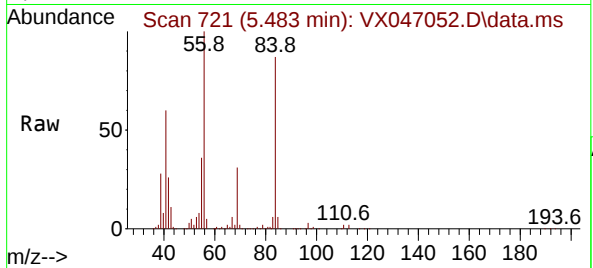
Tgt Ion: 83 Resp: 371035
 Ion Ratio Lower Upper
 83 100
 85 66.8 51.8 77.8





#31
Cyclohexane
Concen: 44.435 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

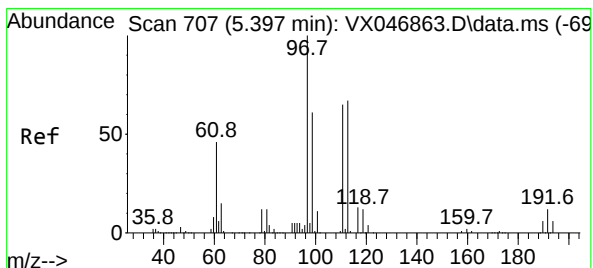
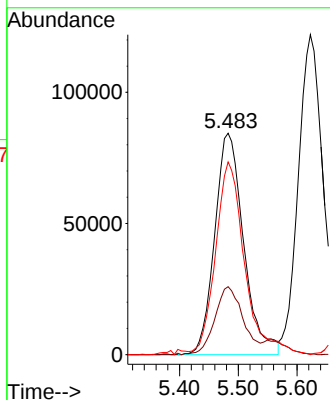
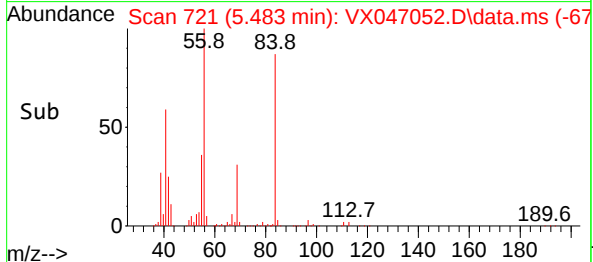
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 28860
Ion Ratio Lower Upper
56 100
69 30.0 24.0 36.0
84 84.3 66.5 99.7

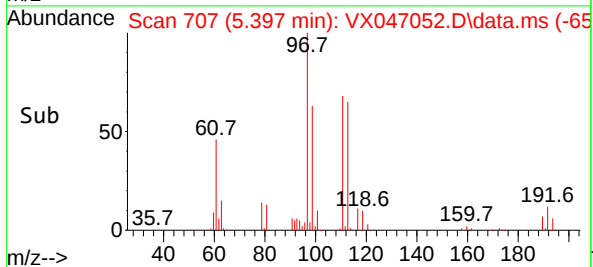
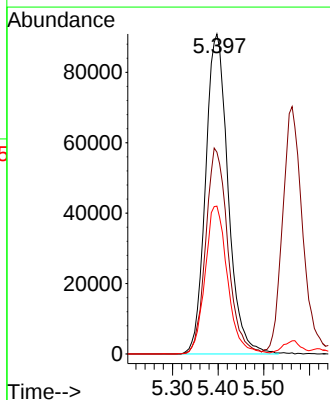
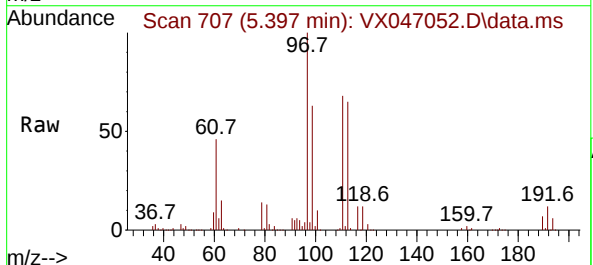
Manual Integrations
APPROVED

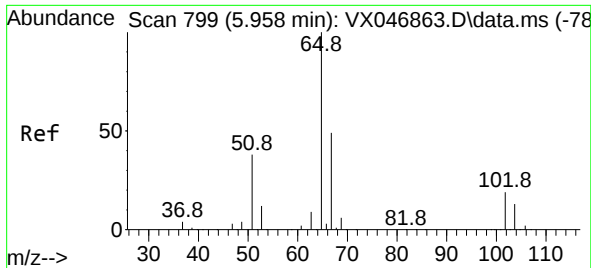
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#32
1,1,1-Trichloroethane
Concen: 49.882 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion: 97 Resp: 311490
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 46.1 36.3 54.5





#33
 1,2-Dichloroethane-d4
 Concen: 54.032 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX047052.D
 Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

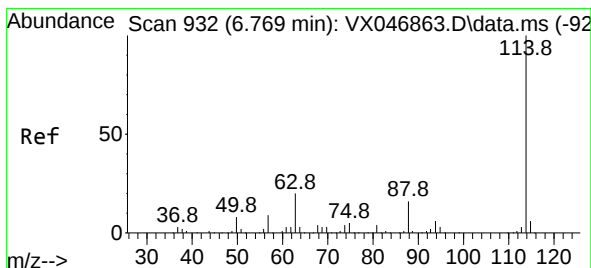
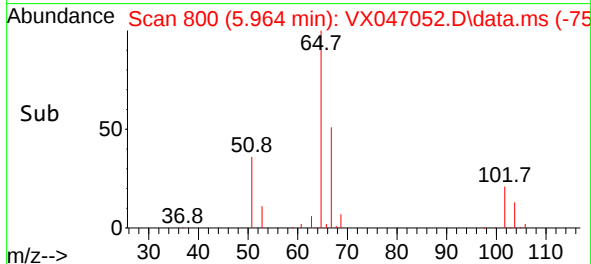
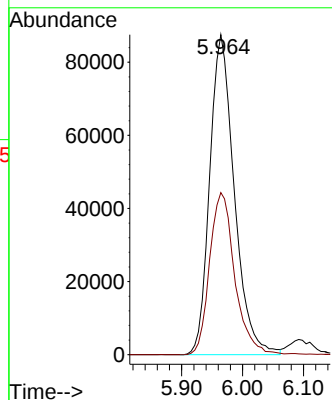
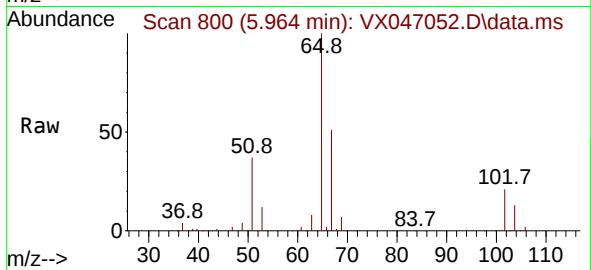
VSTDCCC050EC

Tgt Ion: 65 Resp: 24550
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.2

Manual Integrations

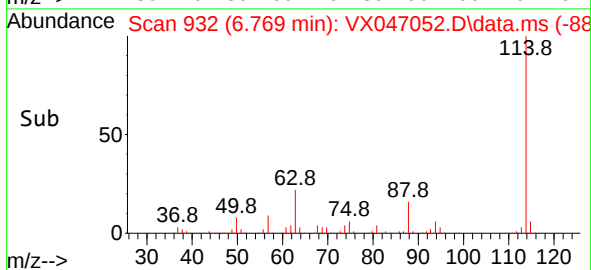
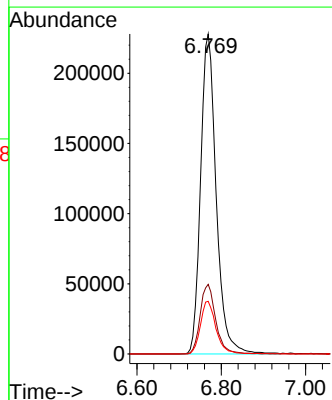
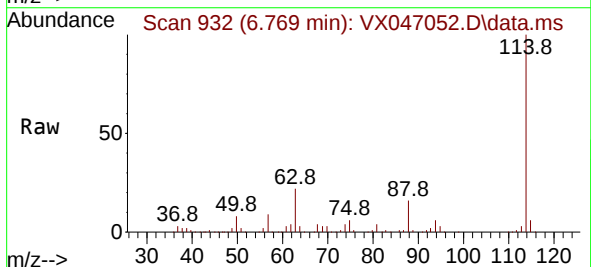
APPROVED

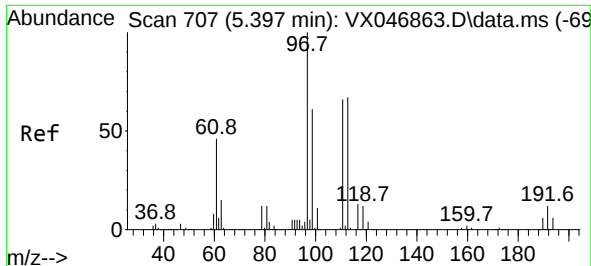
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX047052.D
 Acq: 18 Jul 2025 16:03

Tgt Ion:114 Resp: 587400
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.4
 88 16.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.164 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX047052.D

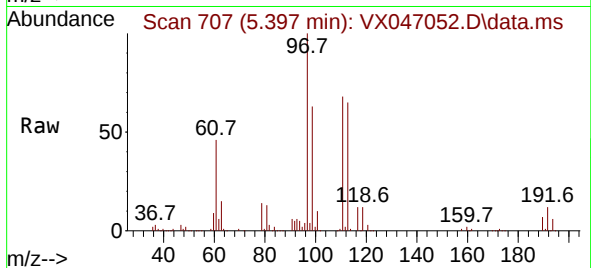
Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



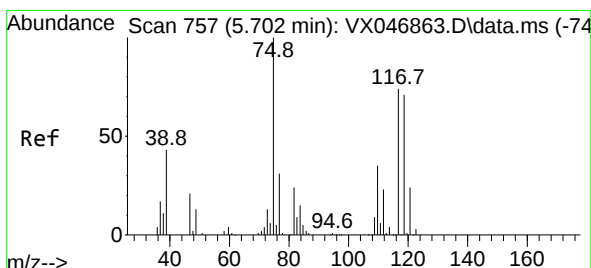
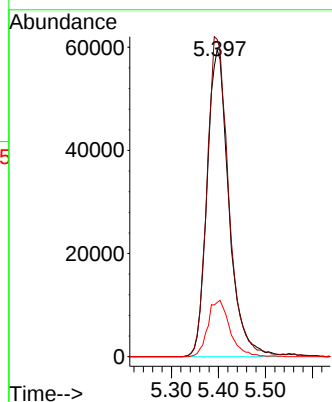
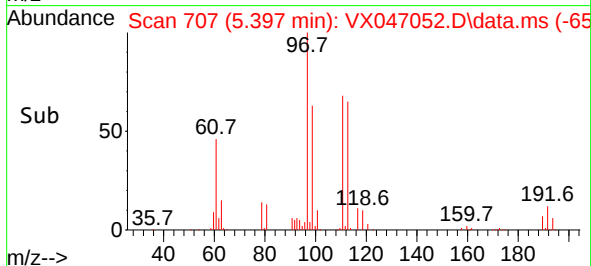
Tgt Ion:	113	Resp:	19204
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.2	121.8
192	18.5	15.3	22.9

Manual Integrations

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Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#36

1,1-Dichloropropene

Concen: 45.024 ug/l

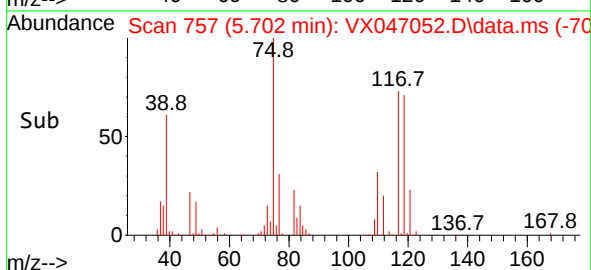
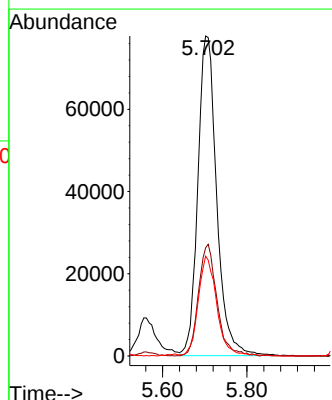
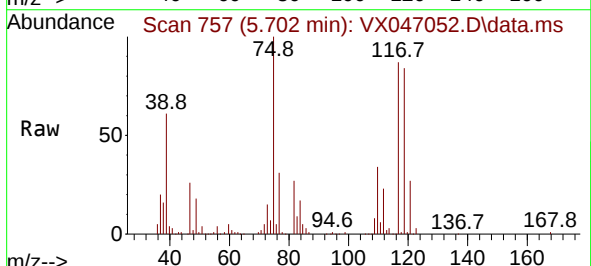
RT: 5.702 min Scan# 757

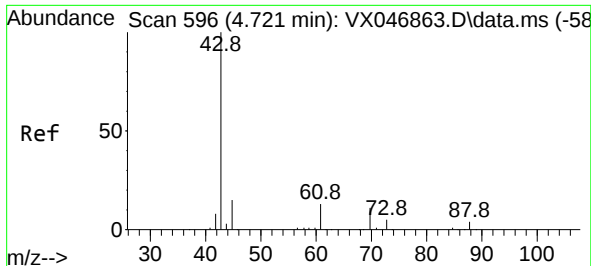
Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Tgt Ion:	75	Resp:	242214
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.3	51.9
77	29.9	24.2	36.4





#37

Ethyl Acetate

Concen: 51.910 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 23785

Ion Ratio Lower Upper

43 100

61 13.1 9.7 14.5

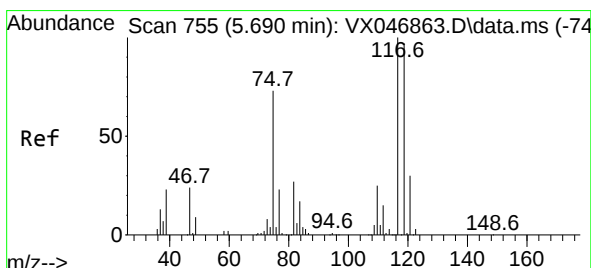
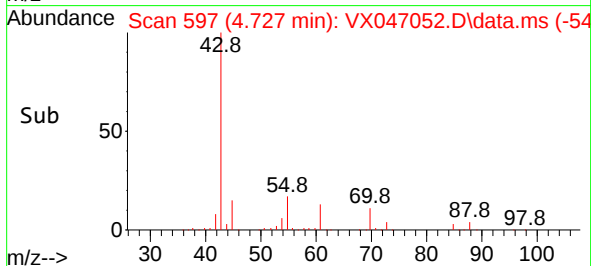
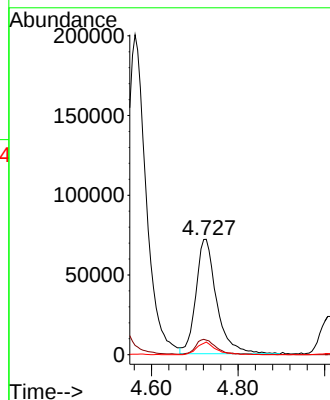
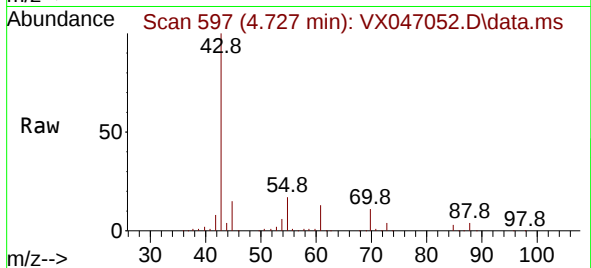
70 9.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#38

Carbon Tetrachloride

Concen: 46.699 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

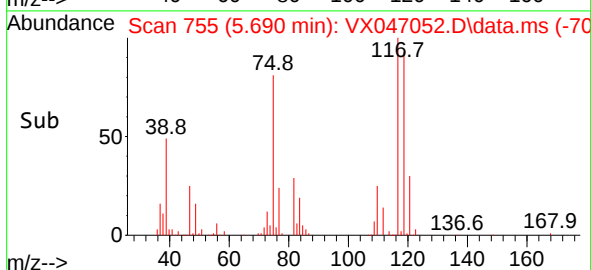
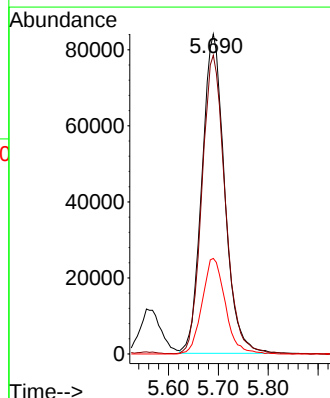
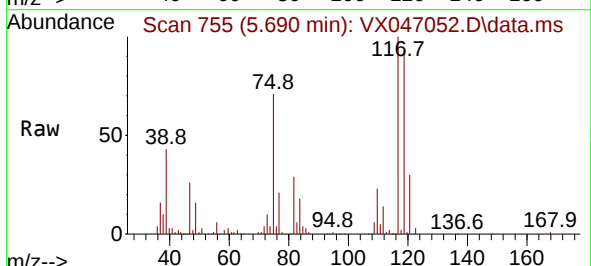
Tgt Ion:117 Resp: 265600

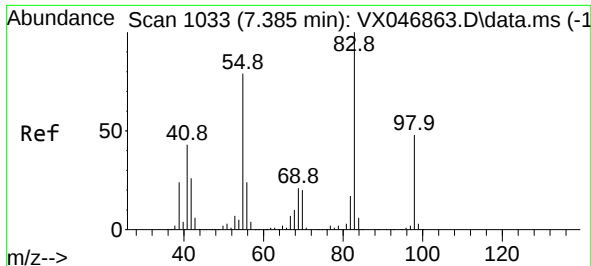
Ion Ratio Lower Upper

117 100

119 93.3 76.6 114.8

121 29.9 24.1 36.1





#39

Methylcyclohexane

Concen: 42.567 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

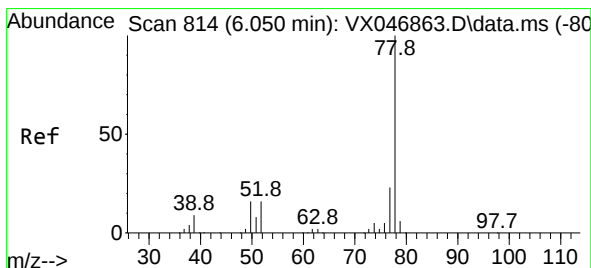
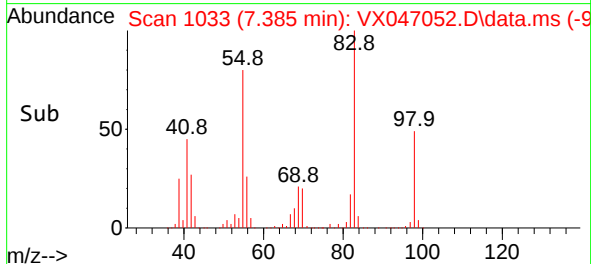
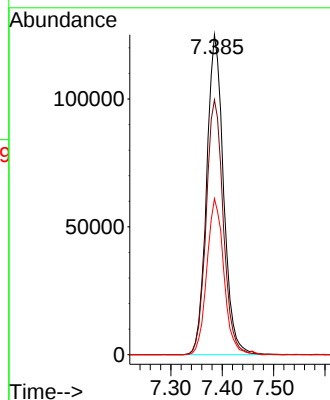
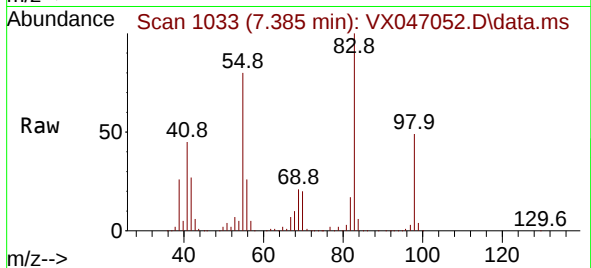
Tgt Ion: 83 Resp: 28645
 Ion Ratio Lower Upper
 83 100
 55 79.6 63.0 94.4
 98 48.8 38.5 57.7

Manual Integrations

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Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#40

Benzene

Concen: 45.019 ug/l

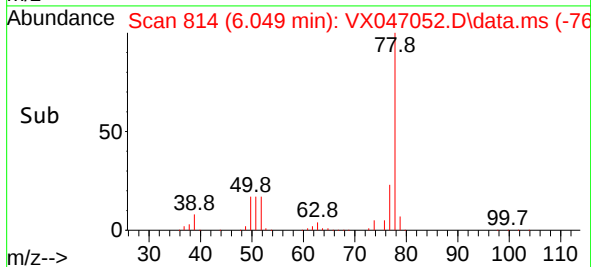
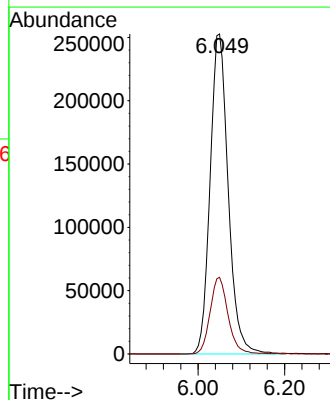
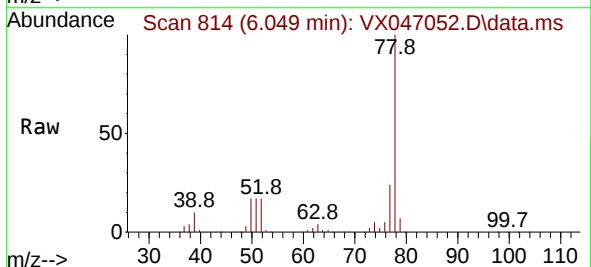
RT: 6.049 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

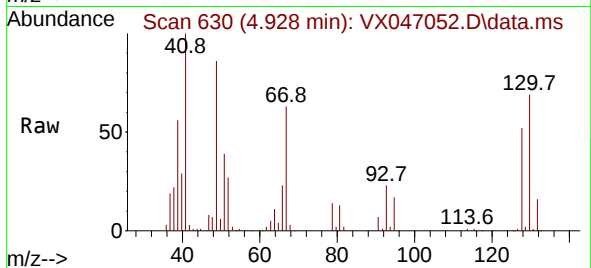
Tgt Ion: 78 Resp: 732536
 Ion Ratio Lower Upper
 78 100
 77 24.0 18.7 28.1





#41
Methacrylonitrile
Concen: 59.745 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

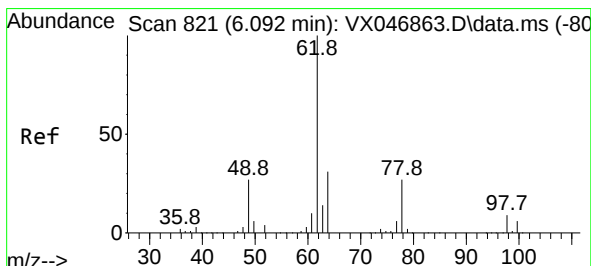
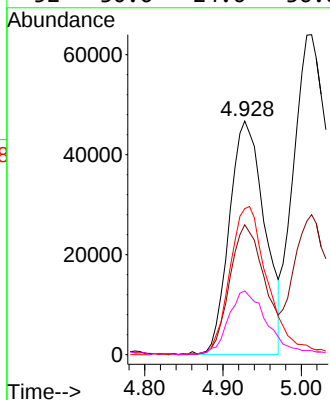
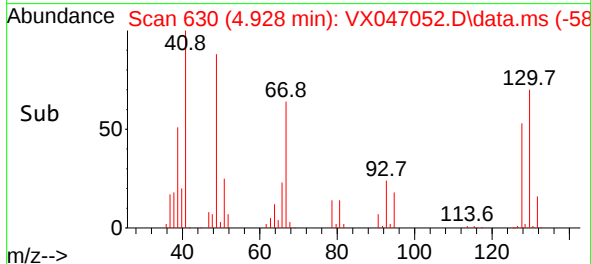
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 14603
Ion Ratio Lower Upper
41 100
39 55.2 43.0 64.4
67 69.7 60.2 90.2
52 30.6 24.6 36.8

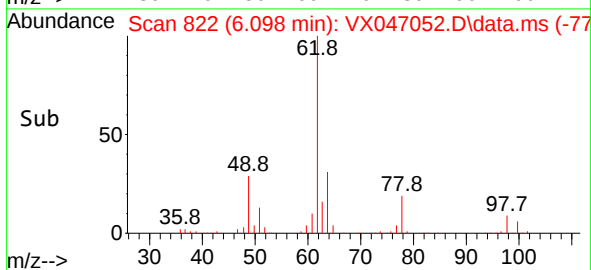
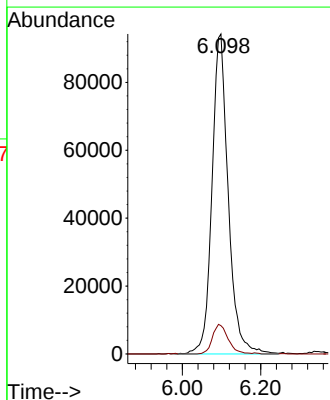
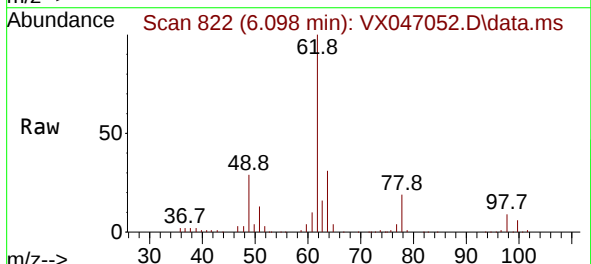
Manual Integrations
APPROVED

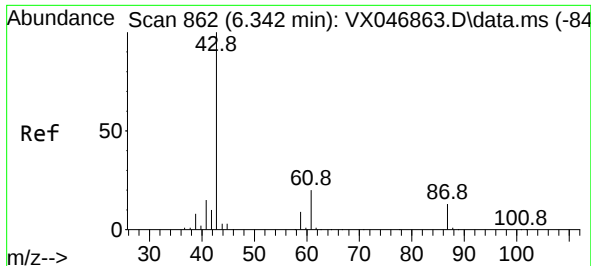
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#42
1,2-Dichloroethane
Concen: 48.997 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

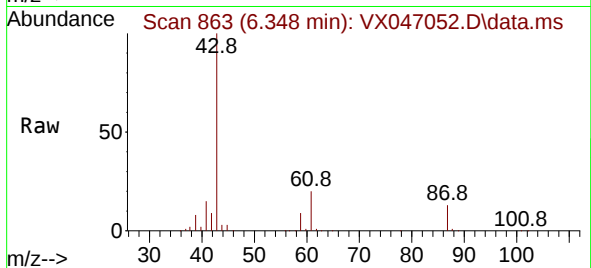
Tgt Ion: 62 Resp: 270729
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 57.370 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

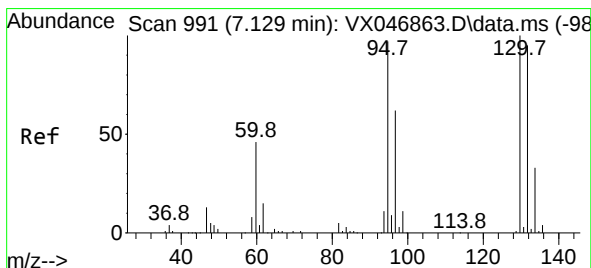
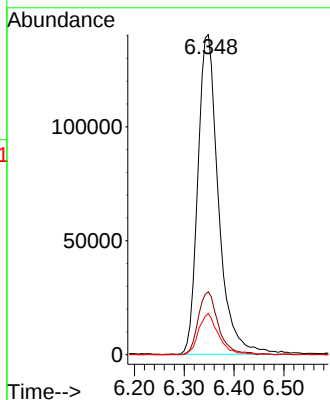
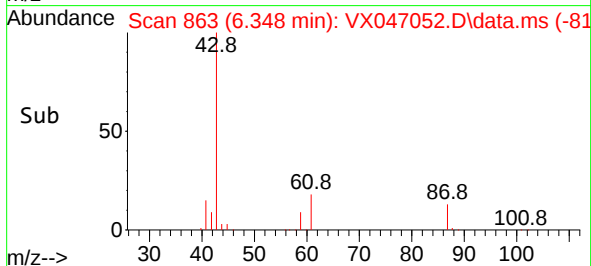
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40263
Ion Ratio Lower Upper
43 100
61 19.2 15.7 23.5
87 12.5 10.1 15.1

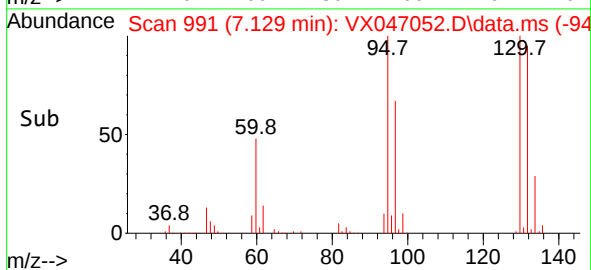
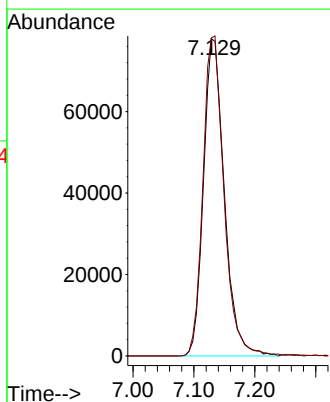
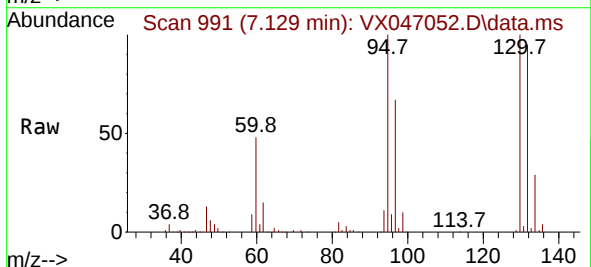
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#44
Trichloroethene
Concen: 43.706 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion:130 Resp: 185129
Ion Ratio Lower Upper
130 100
95 100.3 0.0 194.2





#45

1,2-Dichloropropane

Concen: 47.121 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 19371

Ion Ratio Lower Upper

63 100

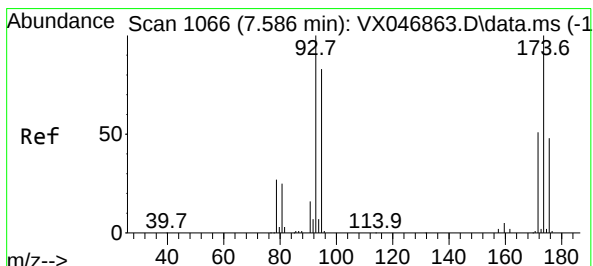
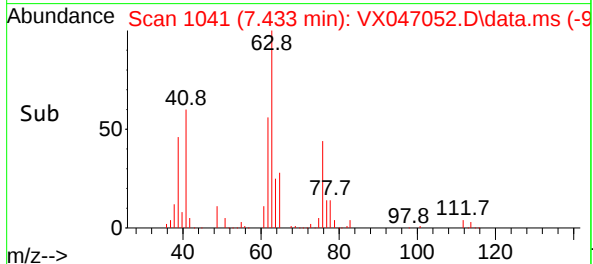
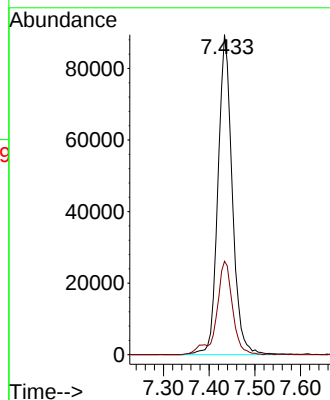
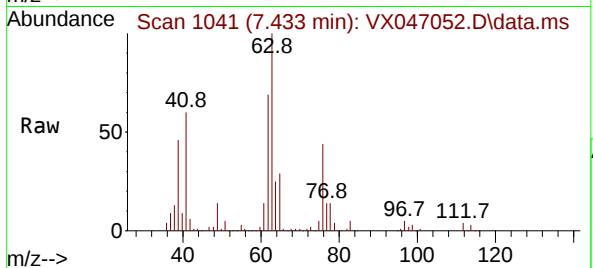
65 29.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#46

Dibromomethane

Concen: 48.609 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

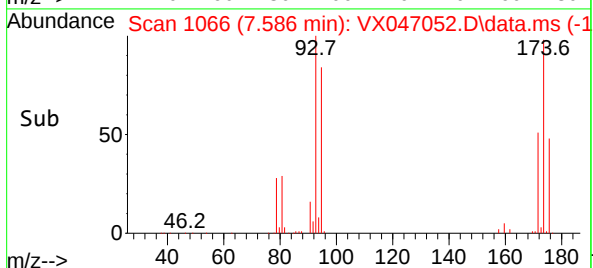
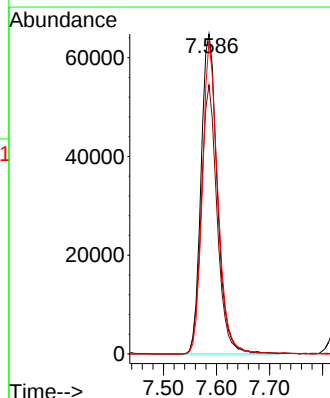
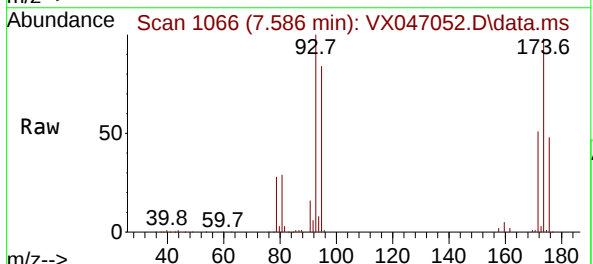
Tgt Ion: 93 Resp: 138460

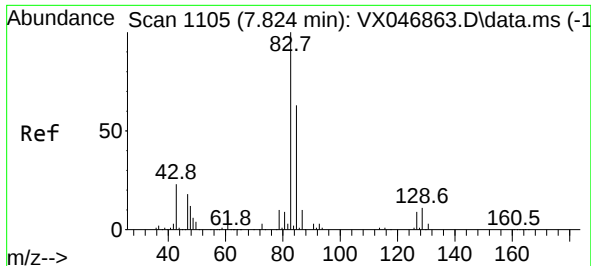
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 92.8 77.4 116.2





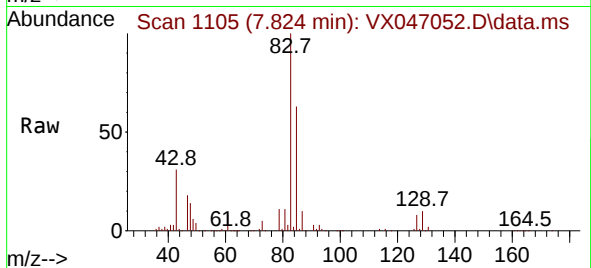
#47
Bromodichloromethane
Concen: 48.221 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



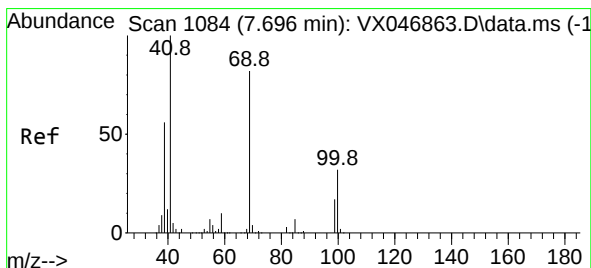
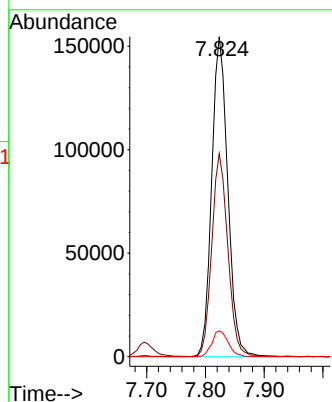
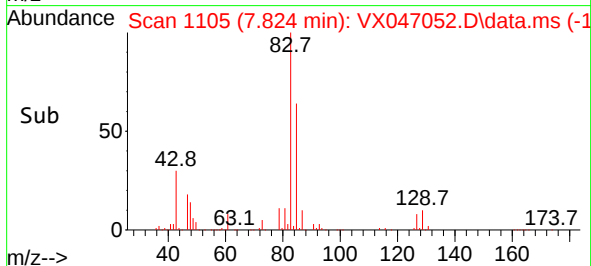
Tgt Ion: 83 Resp: 293280
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 8.1 7.1 10.7

Manual Integrations

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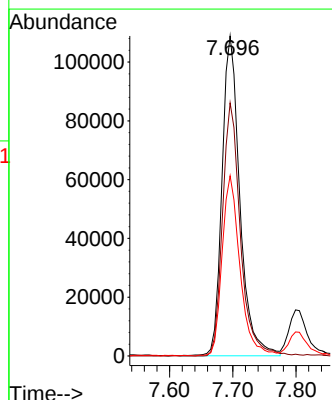
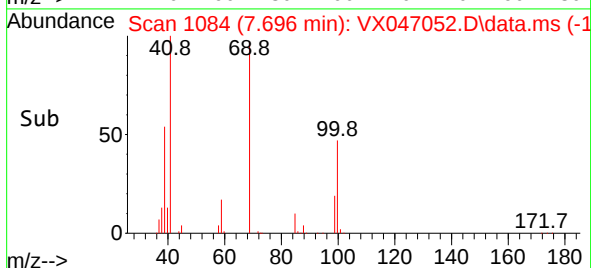
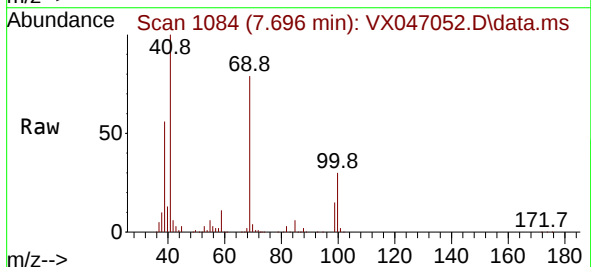
Reviewed By :John Carlone 07/21/2025

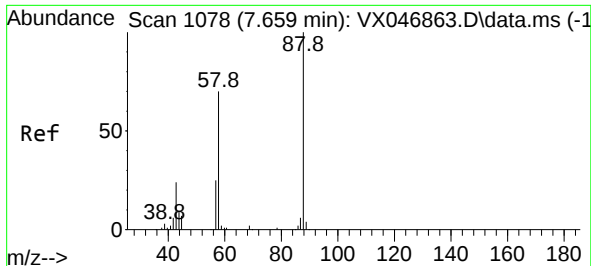
Supervised By :Mahesh Dadoda 07/21/2025



#48
Methyl methacrylate
Concen: 58.723 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

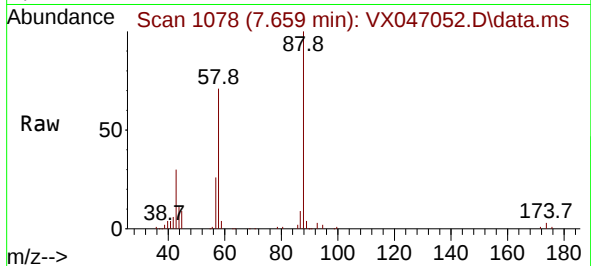
Tgt Ion: 41 Resp: 212802
Ion Ratio Lower Upper
41 100
69 79.4 65.8 98.8
39 56.6 43.8 65.6





#49
1,4-Dioxane
Concen: 1158.391 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

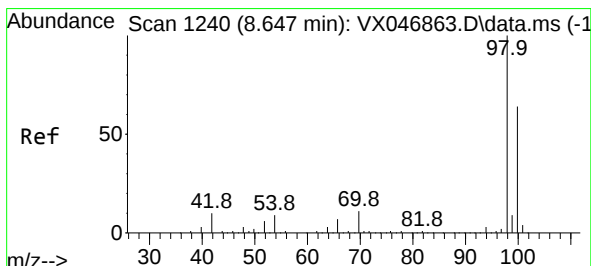
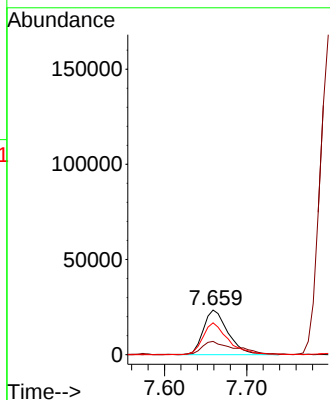
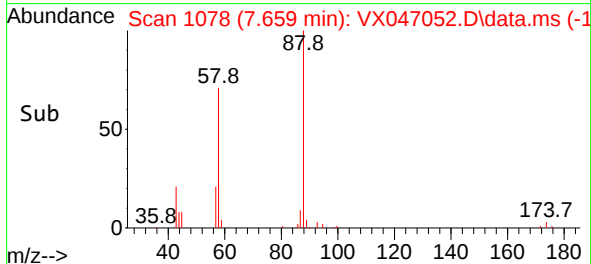
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 48640
Ion Ratio Lower Upper
88 100
43 41.3 31.7 47.5
58 73.7 57.5 86.3

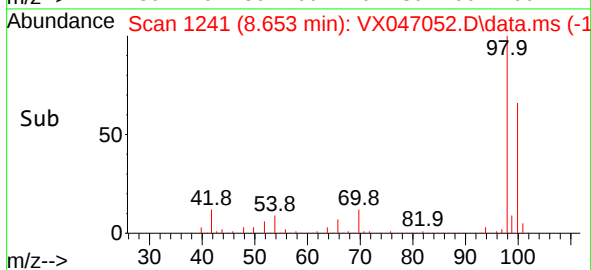
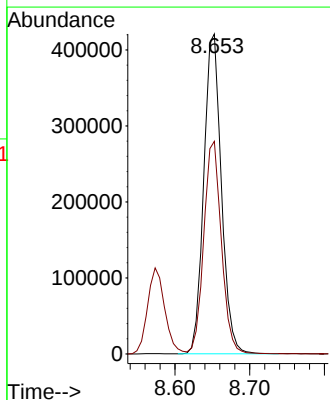
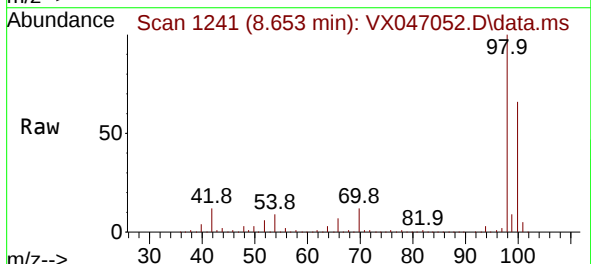
Manual Integrations
APPROVED

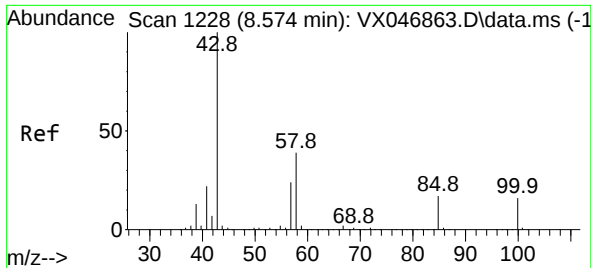
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#50
Toluene-d8
Concen: 48.827 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion: 98 Resp: 686892
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





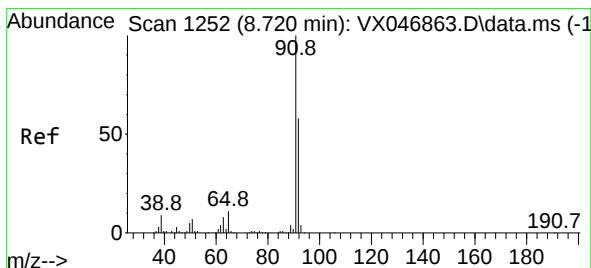
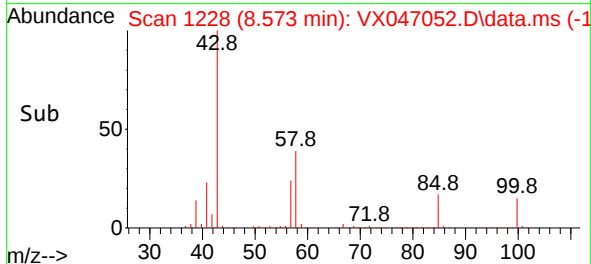
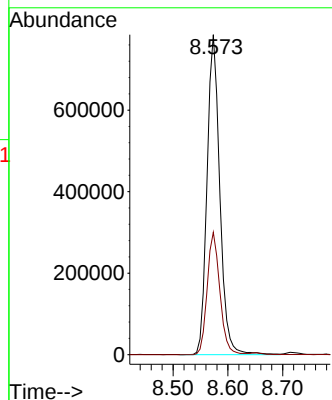
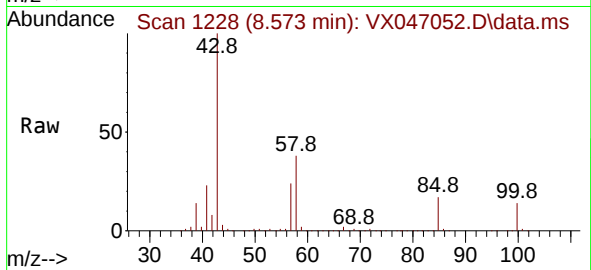
#51
4-Methyl-2-Pentanone
Concen: 305.839 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1266770
Ion Ratio Lower Upper
43 100
58 37.9 30.4 45.6

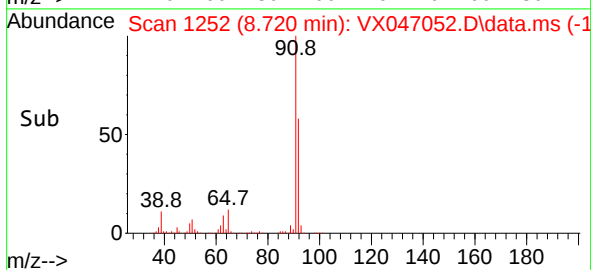
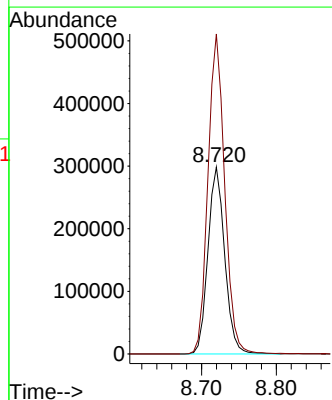
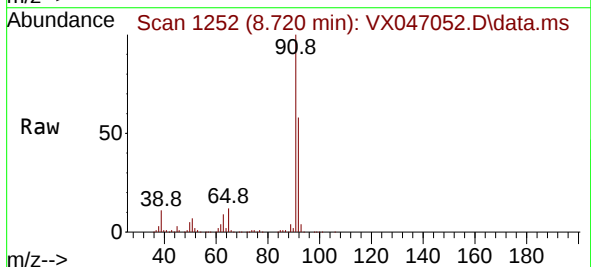
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#52
Toluene
Concen: 46.194 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion: 92 Resp: 465789
Ion Ratio Lower Upper
92 100
91 171.2 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 50.319 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 27313

Ion Ratio Lower Upper

75 100

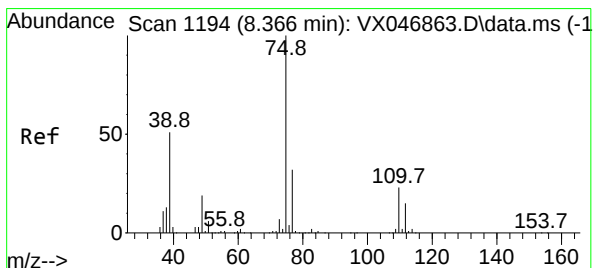
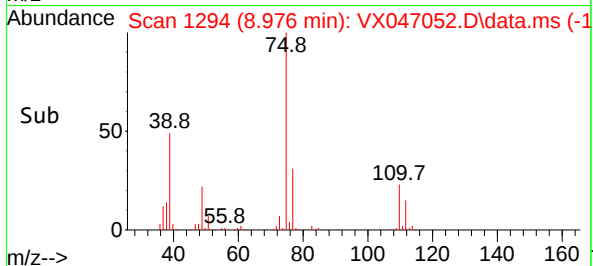
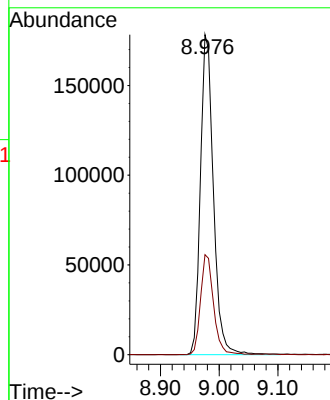
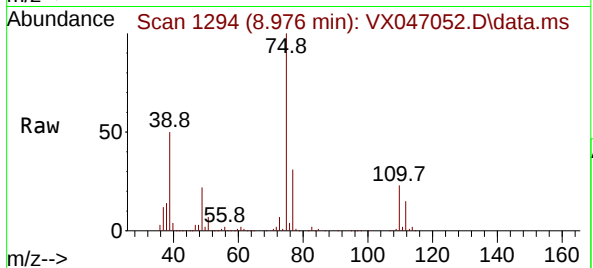
77 31.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#54

cis-1,3-Dichloropropene

Concen: 48.488 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

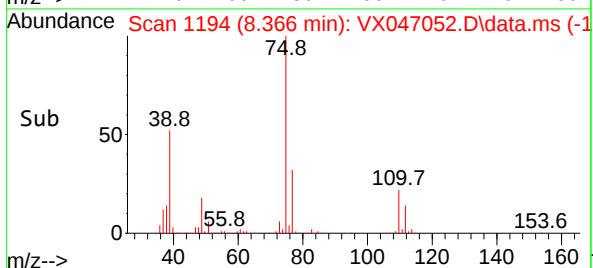
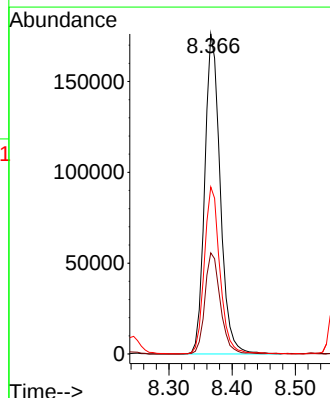
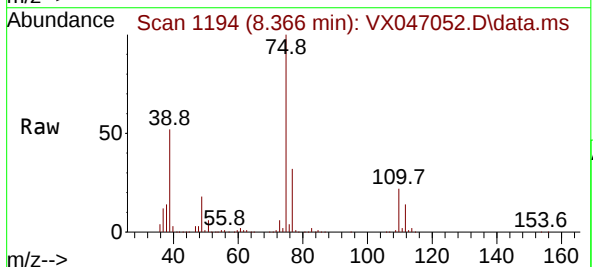
Tgt Ion: 75 Resp: 300414

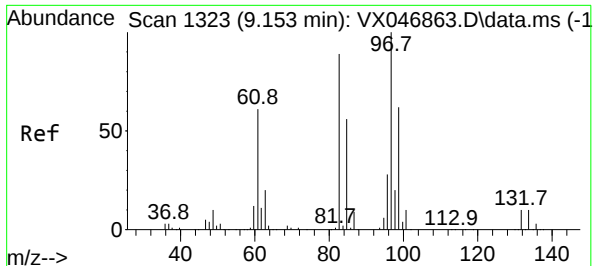
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

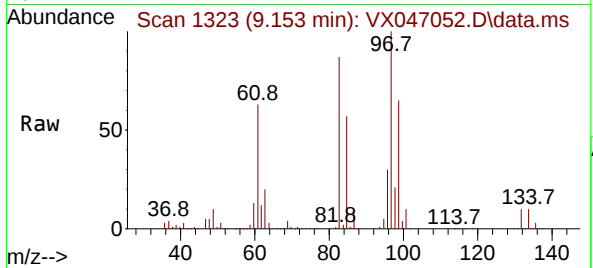
39 52.2 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 49.074 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

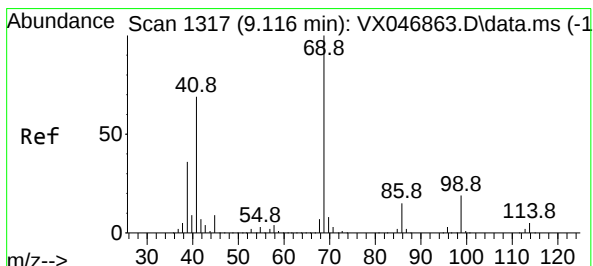
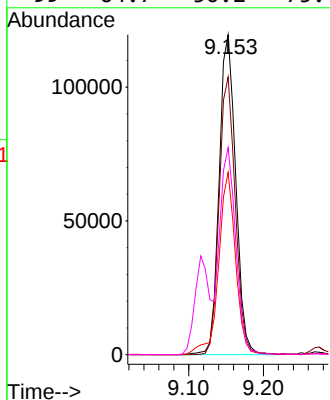
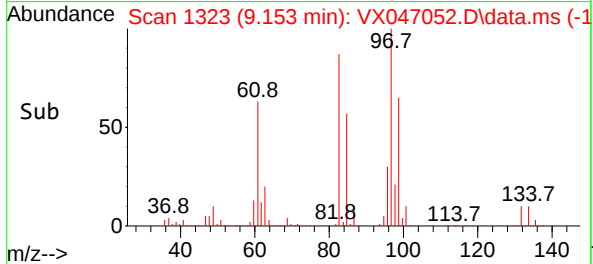
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



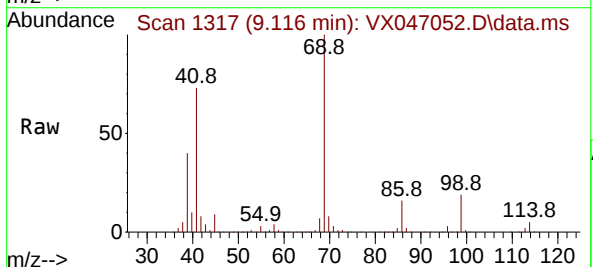
Tgt Ion: 97 Resp: 184308
Ion Ratio Lower Upper
97 100
83 86.8 70.9 106.3
85 57.0 44.6 67.0
99 64.7 50.2 75.4

Manual Integrations
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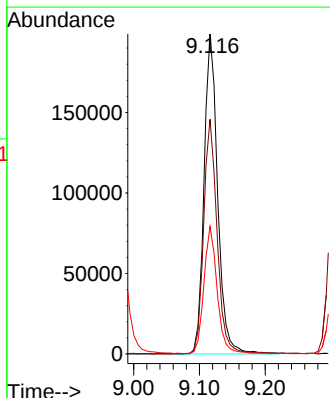
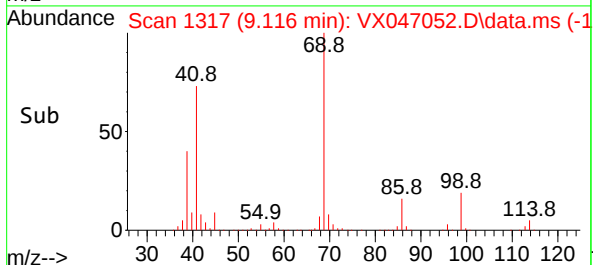
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

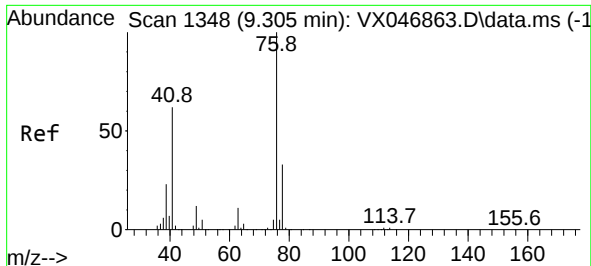


#56
Ethyl methacrylate
Concen: 55.159 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03



Tgt Ion: 69 Resp: 286729
Ion Ratio Lower Upper
69 100
41 72.4 54.6 82.0
39 38.4 28.7 43.1





#57

1,3-Dichloropropane

Concen: 48.460 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 313394

Ion Ratio Lower Upper

76 100

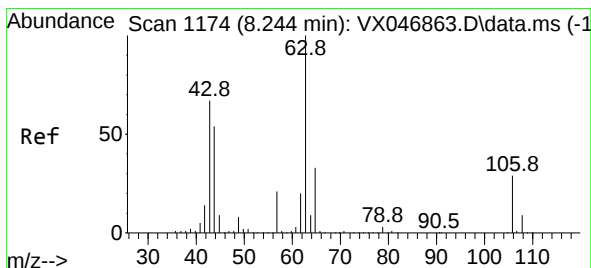
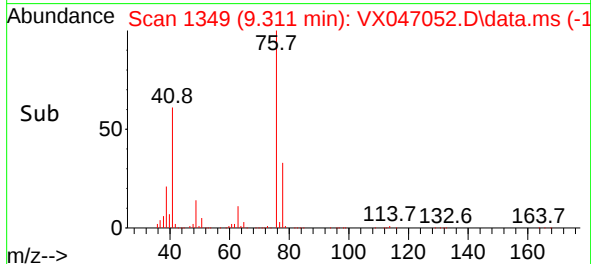
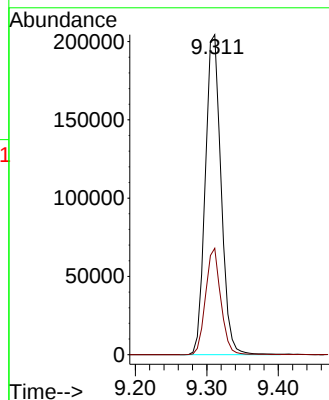
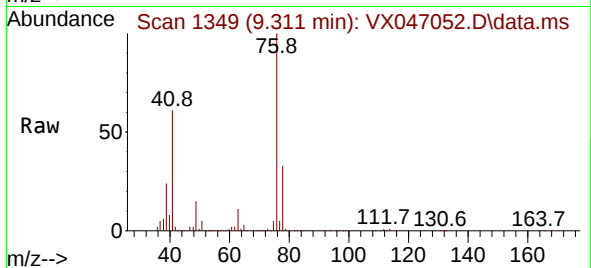
78 32.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.295 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047052.D

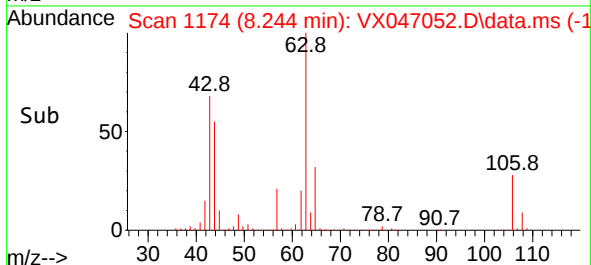
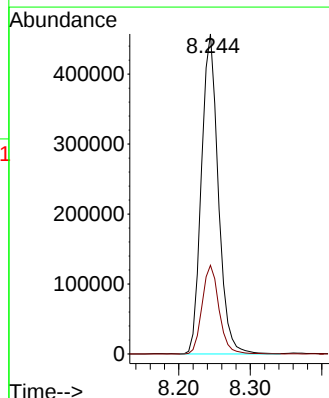
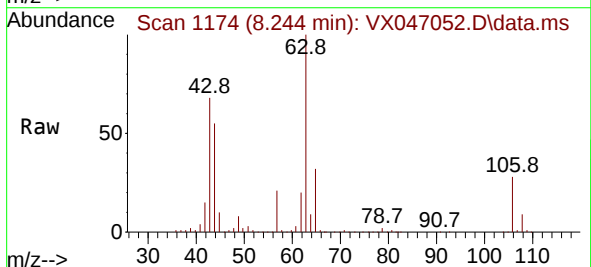
Acq: 18 Jul 2025 16:03

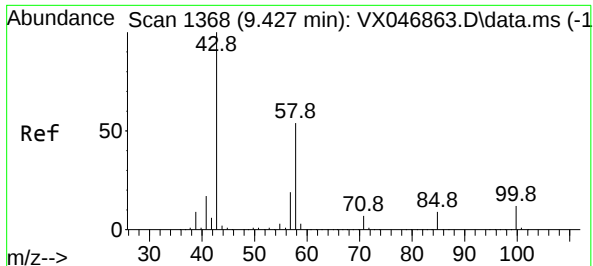
Tgt Ion: 63 Resp: 747740

Ion Ratio Lower Upper

63 100

106 27.8 22.6 33.8





#59

2-Hexanone

Concen: 318.903 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 87614

Ion Ratio Lower Upper

43 100

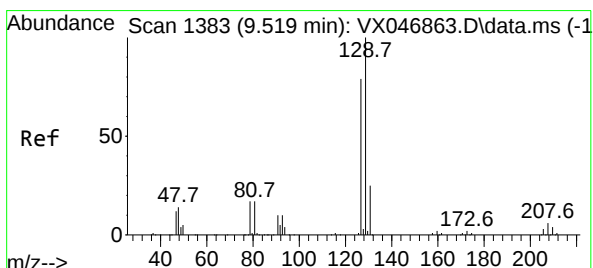
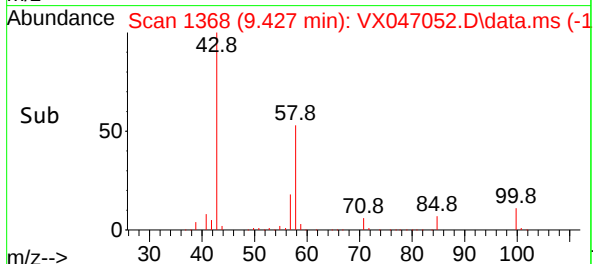
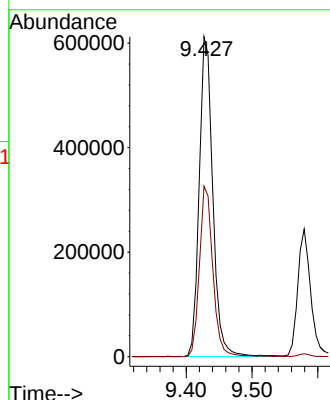
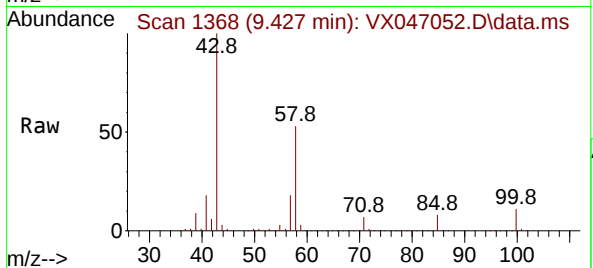
58 53.0 27.1 81.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#60

Dibromochloromethane

Concen: 47.576 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX047052.D

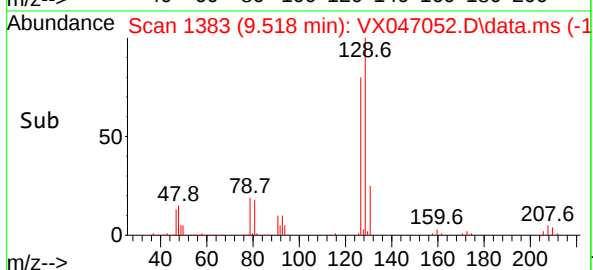
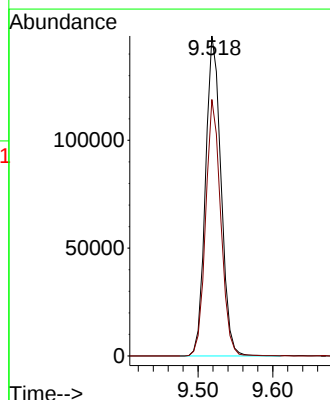
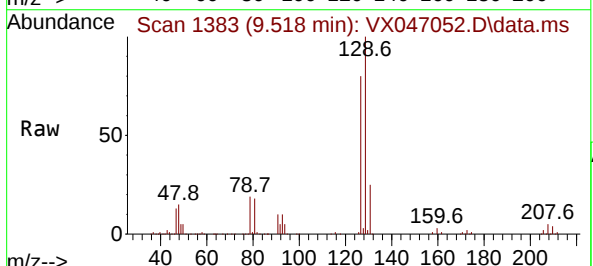
Acq: 18 Jul 2025 16:03

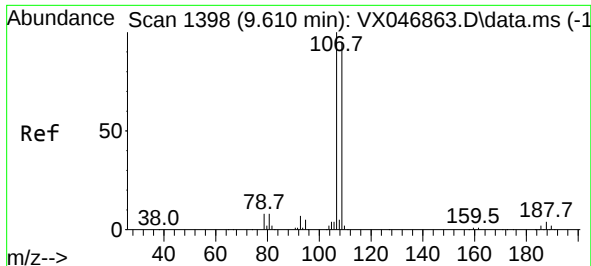
Tgt Ion:129 Resp: 213838

Ion Ratio Lower Upper

129 100

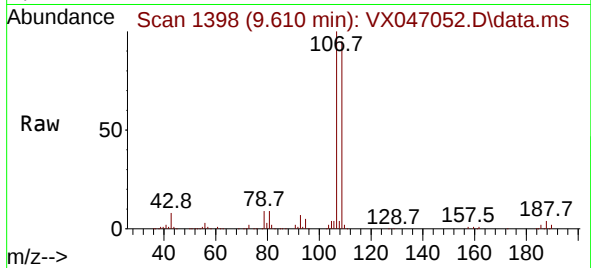
127 78.0 39.1 117.5





#61
1,2-Dibromoethane
Concen: 49.197 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

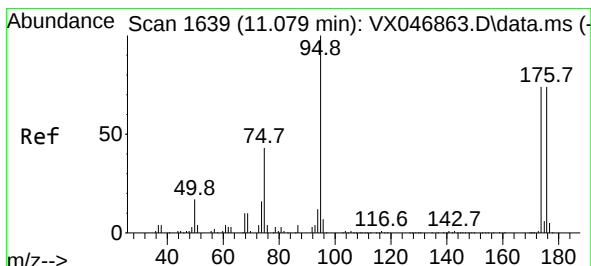
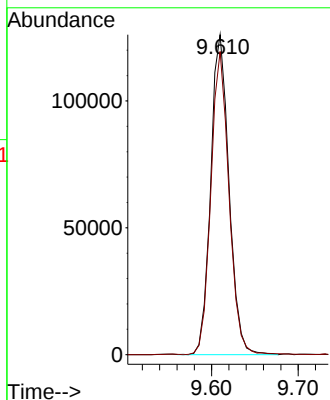
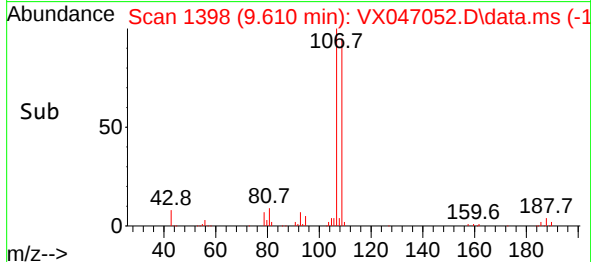
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



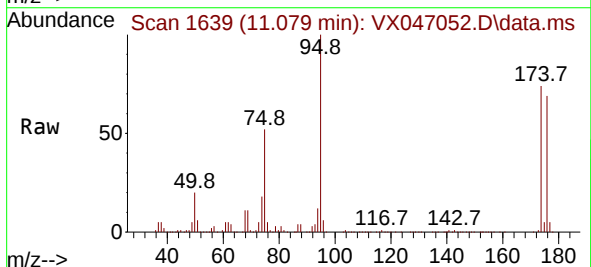
Tgt Ion:107 Resp: 185560
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2

Manual Integrations
APPROVED

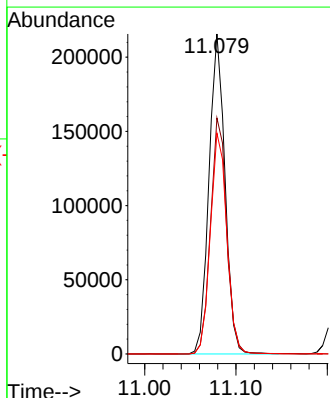
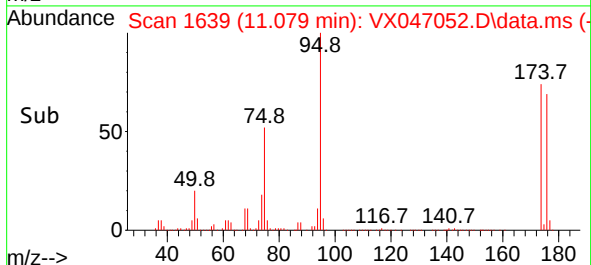
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#62
4-Bromofluorobenzene
Concen: 48.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03



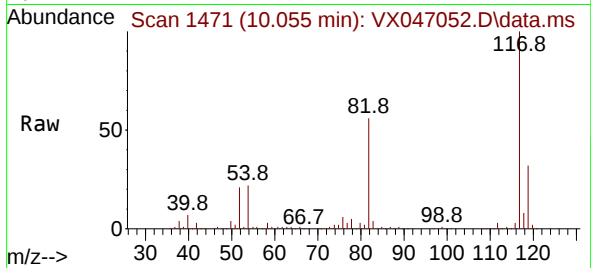
Tgt Ion: 95 Resp: 261891
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.0
176 71.1 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

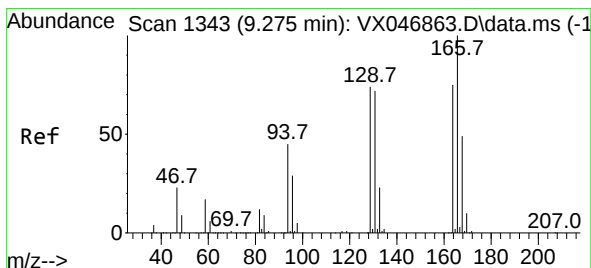
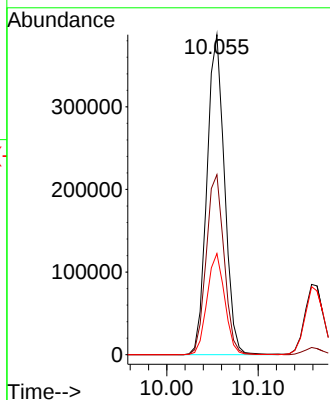
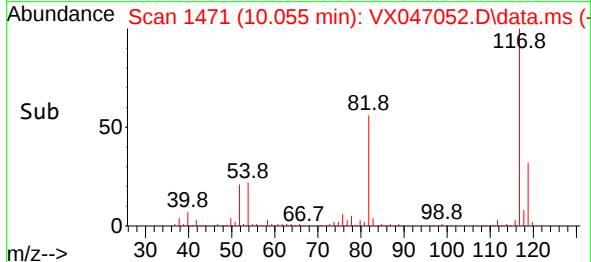
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 51474
Ion Ratio Lower Upper
117 100
82 56.2 43.3 64.9
119 31.6 26.4 39.6

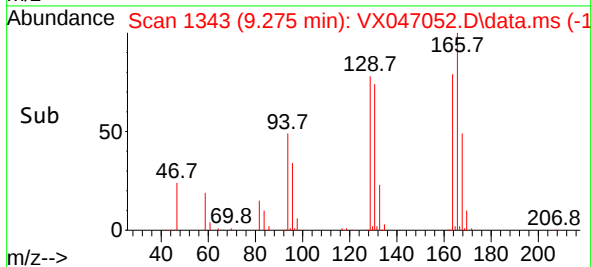
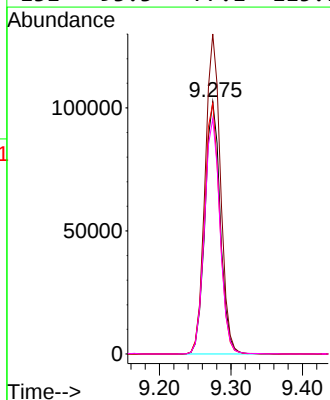
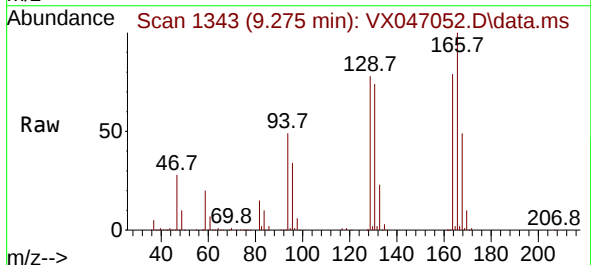
Manual Integrations
APPROVED

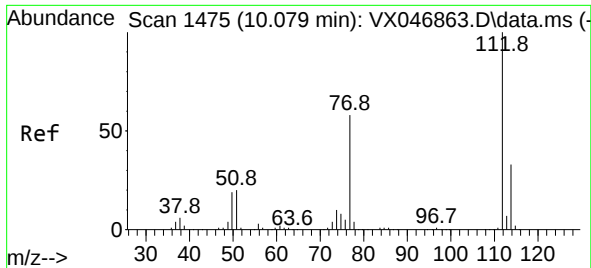
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#64
Tetrachloroethene
Concen: 44.532 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion:164 Resp: 152618
Ion Ratio Lower Upper
164 100
166 126.9 107.0 160.6
129 99.4 79.7 119.5
131 93.3 77.1 115.7





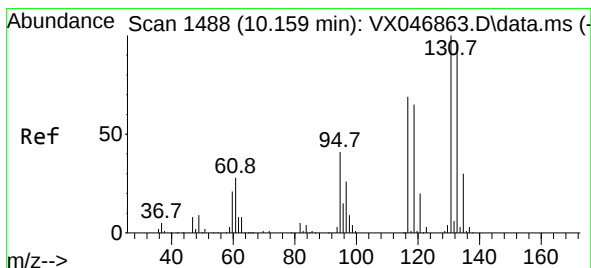
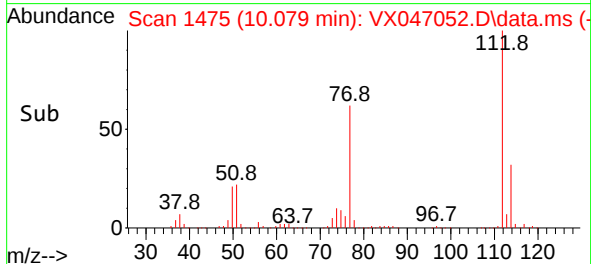
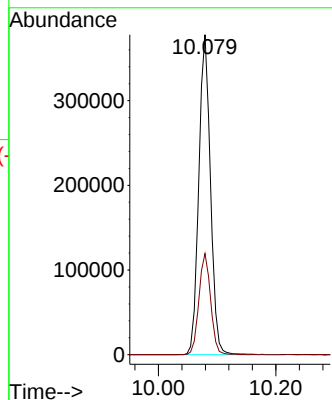
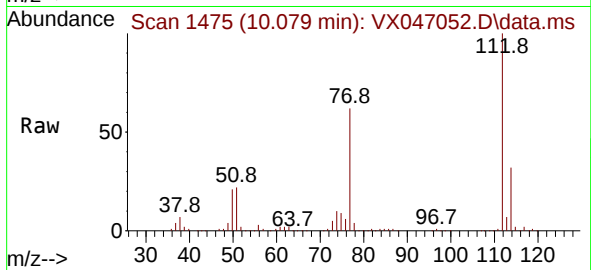
#65
Chlorobenzene
Concen: 46.813 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 520975
Ion Ratio Lower Upper
112 100
114 31.6 26.3 39.5

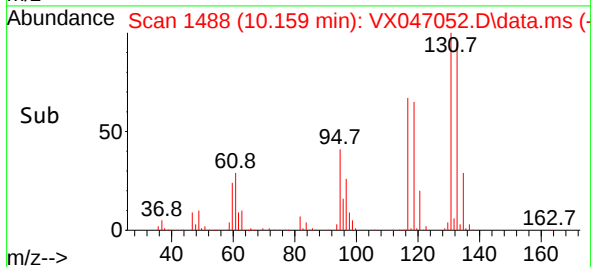
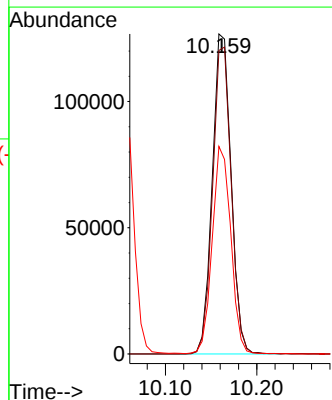
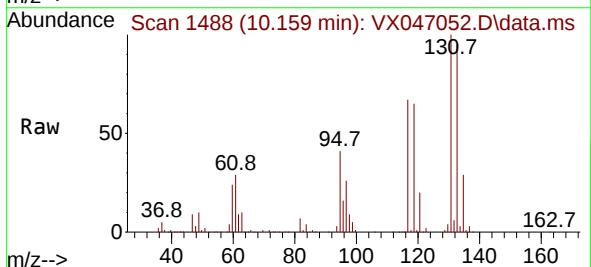
Manual Integrations
APPROVED

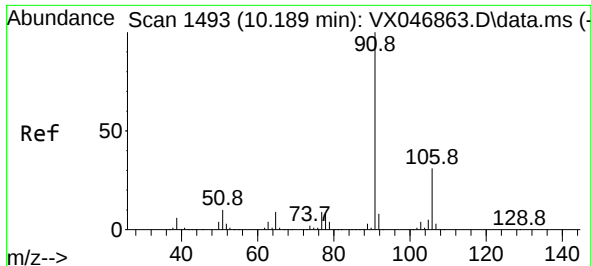
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.440 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

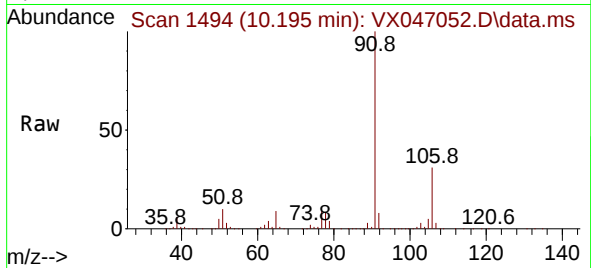
Tgt Ion:131 Resp: 181220
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 64.4 32.4 97.2





#67
Ethyl Benzene
Concen: 48.025 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

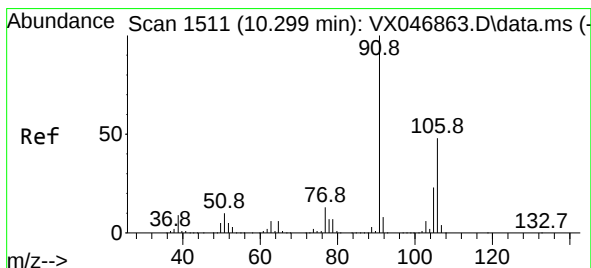
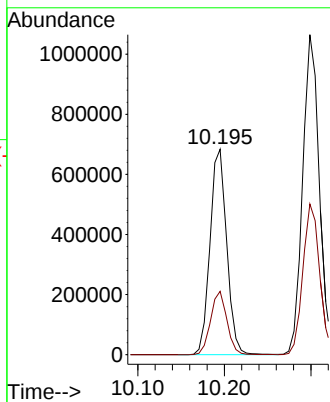
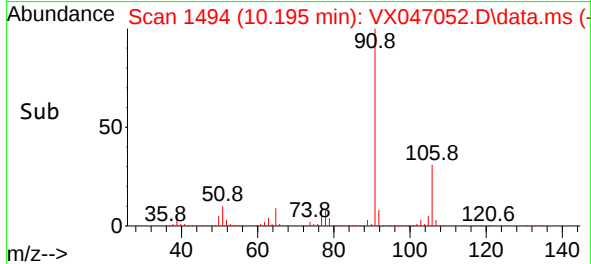
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 915295
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

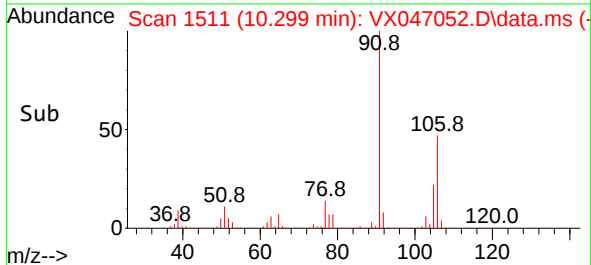
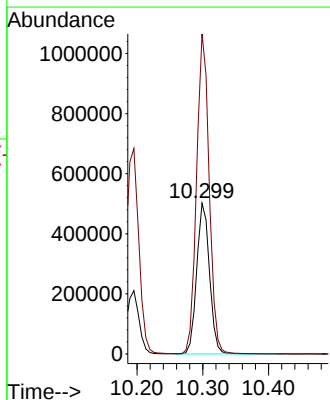
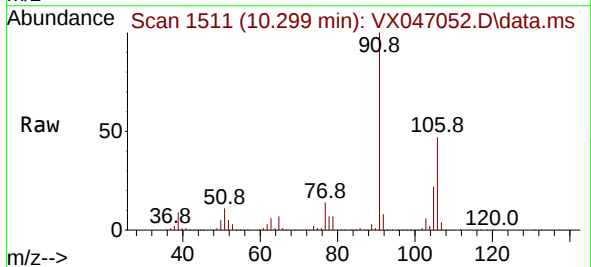
Manual Integrations
APPROVED

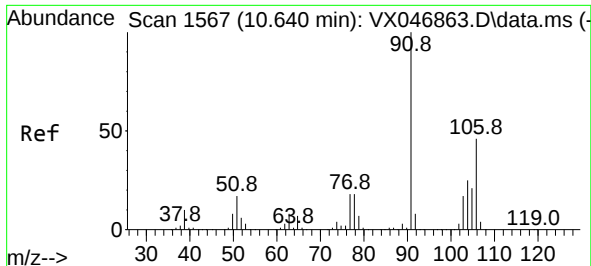
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#68
m/p-Xylenes
Concen: 94.622 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

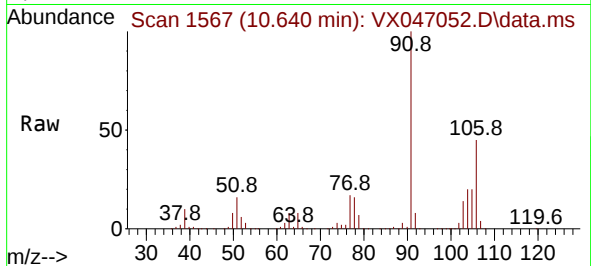
Tgt Ion:106 Resp: 679542
Ion Ratio Lower Upper
106 100
91 209.5 164.6 246.8





#69
o-Xylene
Concen: 47.862 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

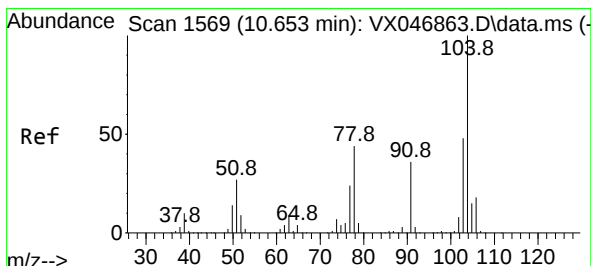
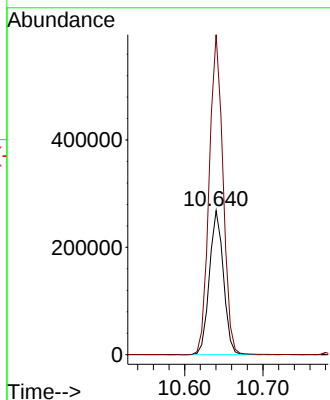
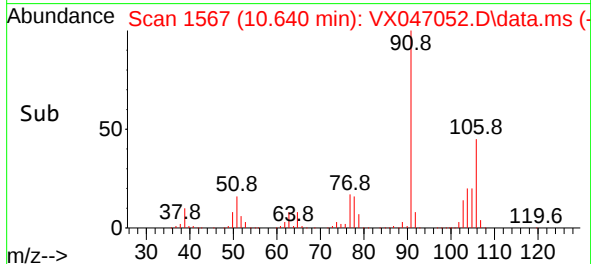
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 33202
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.5

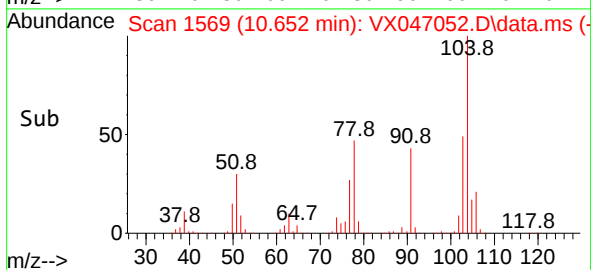
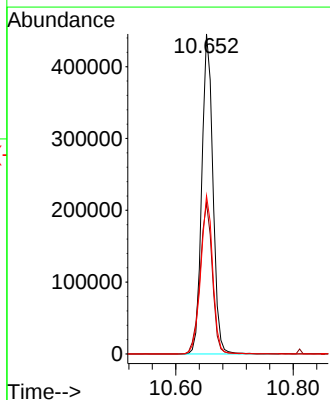
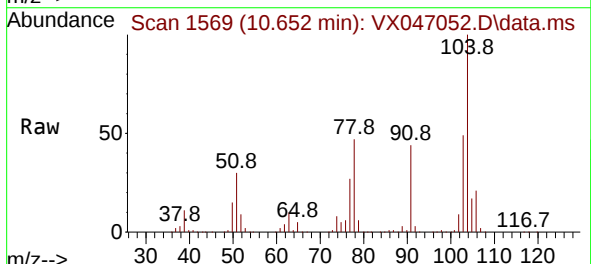
Manual Integrations
APPROVED

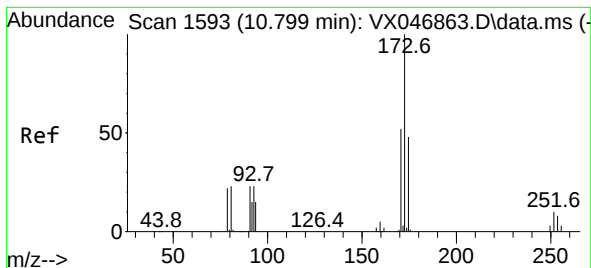
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#70
Styrene
Concen: 49.253 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion:104 Resp: 584579
Ion Ratio Lower Upper
104 100
78 52.0 40.3 60.5
103 53.3 42.8 64.2





#71

Bromoform

Concen: 49.936 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

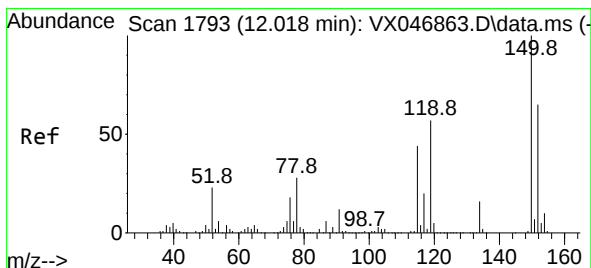
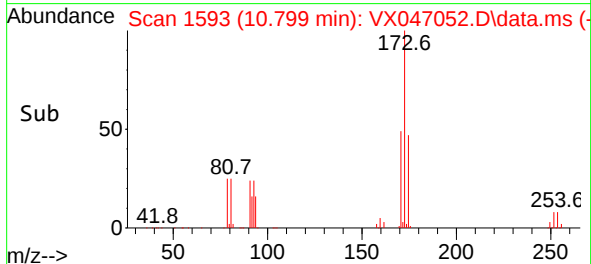
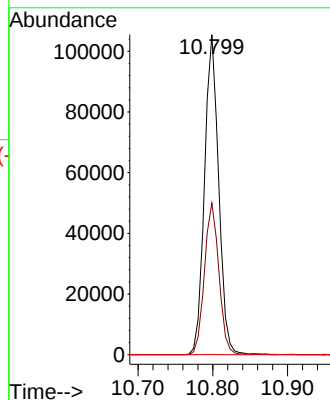
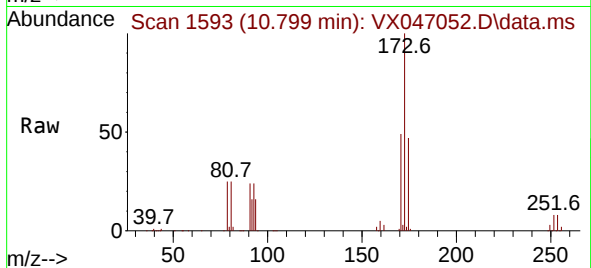
Tgt Ion:173 Resp: 138900
 Ion Ratio Lower Upper
 173 100
 175 48.3 23.8 71.5
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

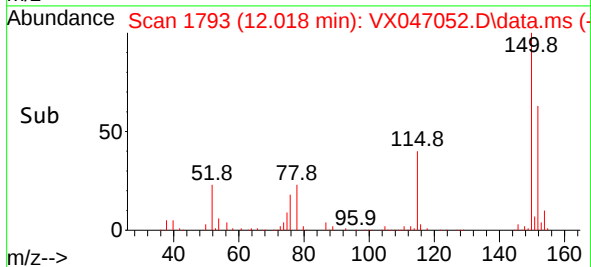
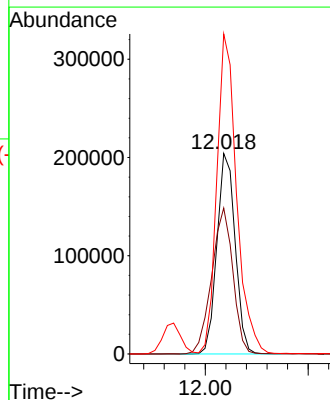
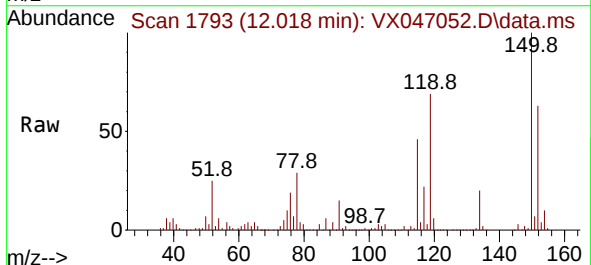
RT: 12.018 min Scan# 1793

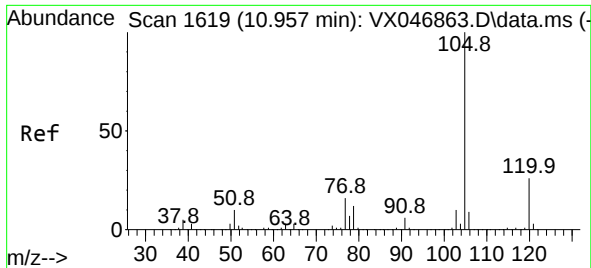
Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Tgt Ion:152 Resp: 250571
 Ion Ratio Lower Upper
 152 100
 115 84.7 42.4 127.1
 150 173.0 0.0 349.2





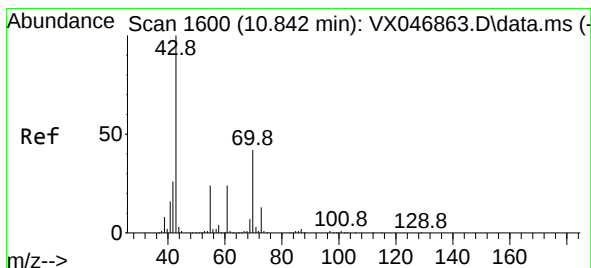
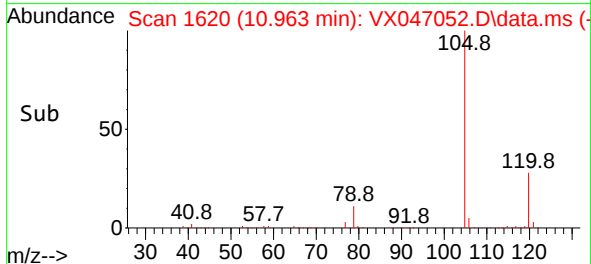
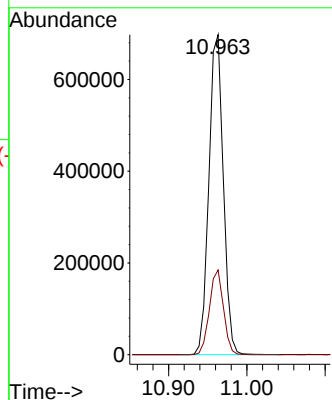
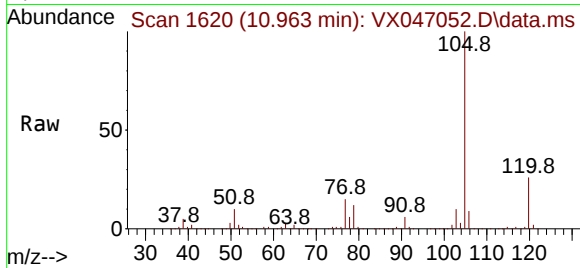
#73
Isopropylbenzene
Concen: 50.594 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 891185
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

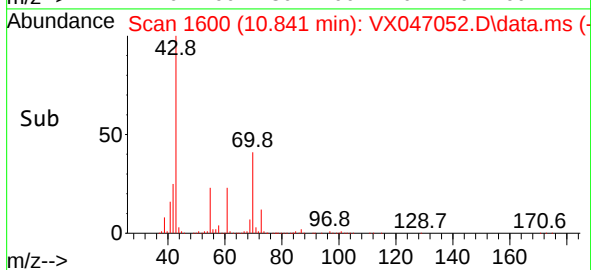
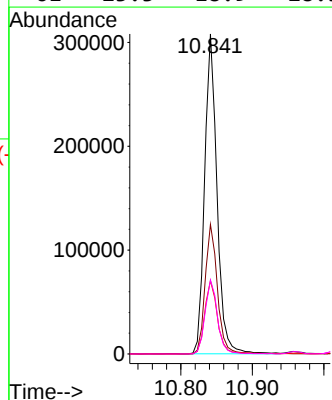
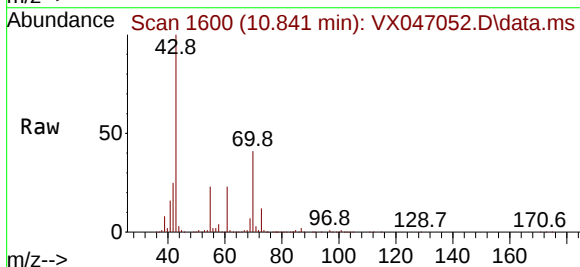
Manual Integrations
APPROVED

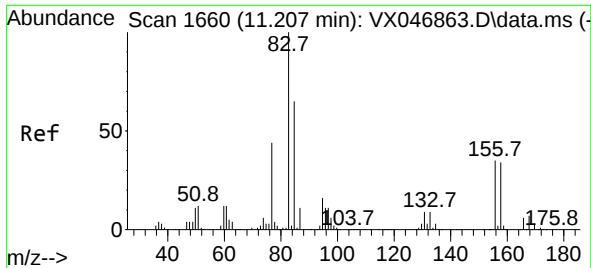
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#74
N-ethyl acetate
Concen: 61.806 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

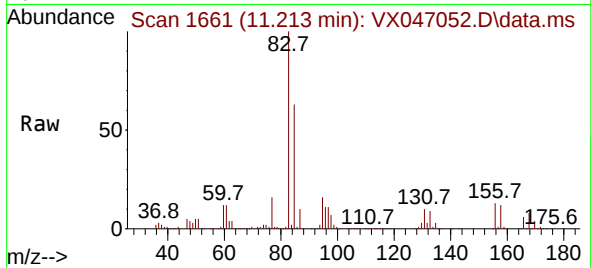
Tgt Ion: 43 Resp: 369947
Ion Ratio Lower Upper
43 100
70 40.8 33.4 50.2
55 23.7 19.6 29.4
61 23.3 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 54.057 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

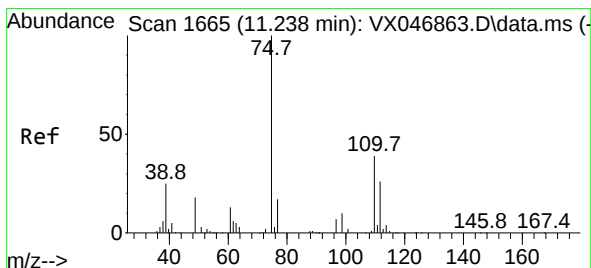
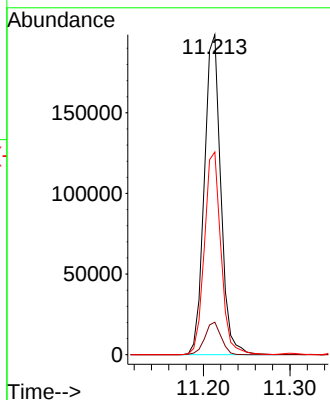
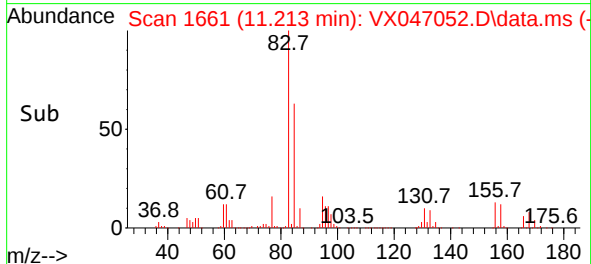
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



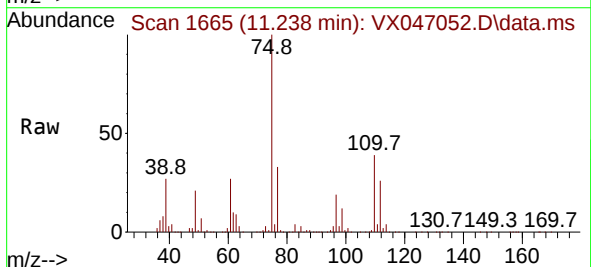
Tgt Ion: 83 Resp: 261820
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 63.8 32.1 96.5

Manual Integrations
APPROVED

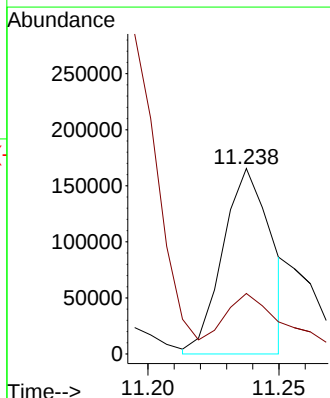
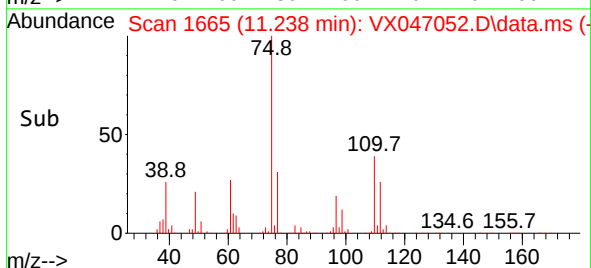
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

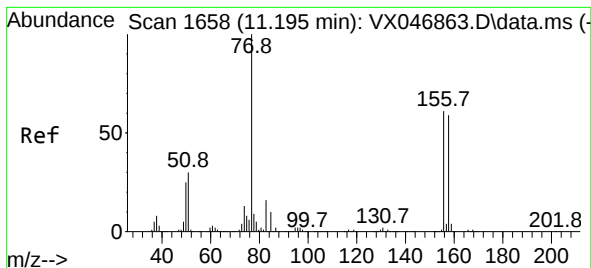


#76
1,2,3-Trichloropropane
Concen: 55.062 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03



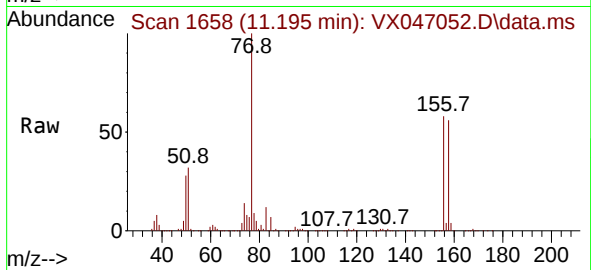
Tgt Ion: 75 Resp: 213183
Ion Ratio Lower Upper
75 100
77 42.1 20.6 61.8





#77
Bromobenzene
Concen: 47.886 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

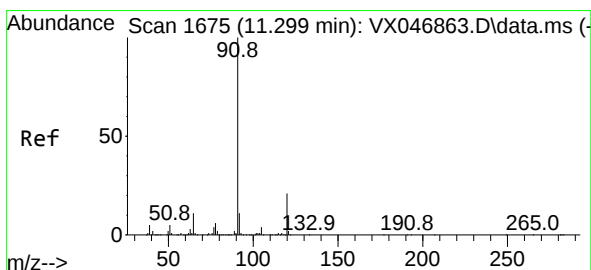
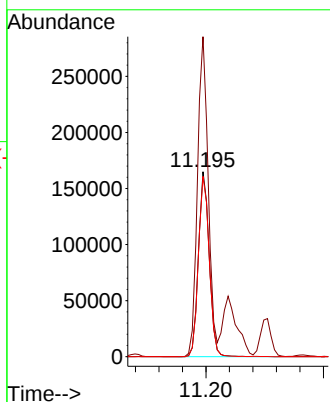
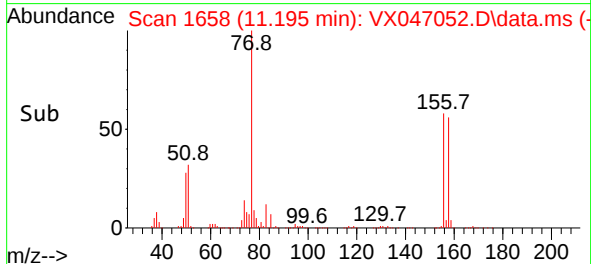
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



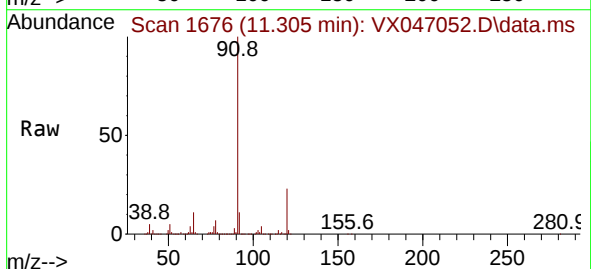
Tgt Ion:156 Resp: 210100
Ion Ratio Lower Upper
156 100
77 172.6 82.3 247.0
158 98.3 47.5 142.6

Manual Integrations
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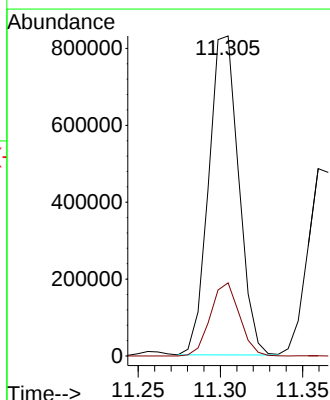
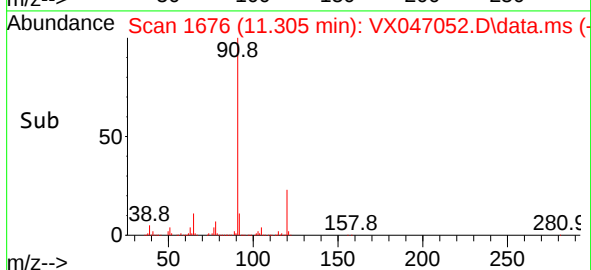
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

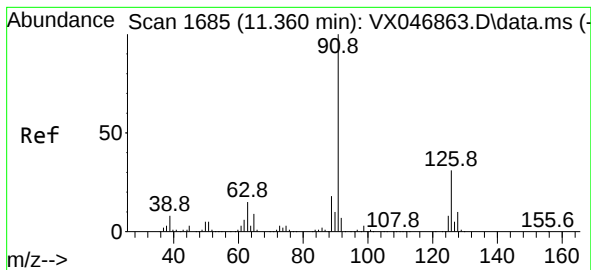


#78
n-propylbenzene
Concen: 49.702 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03



Tgt Ion: 91 Resp: 1055639
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5





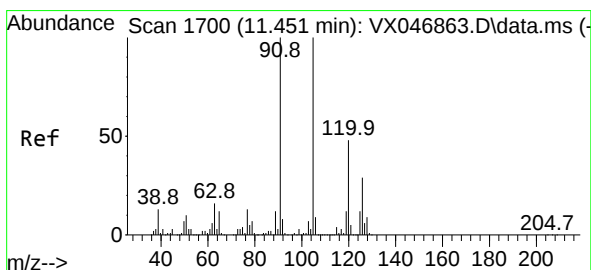
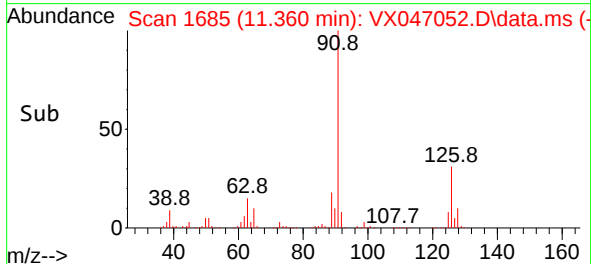
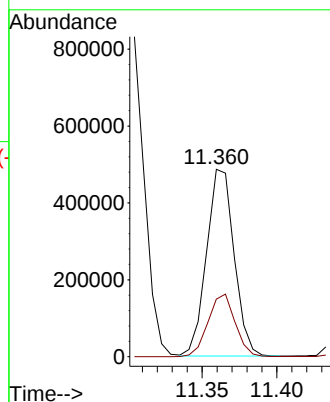
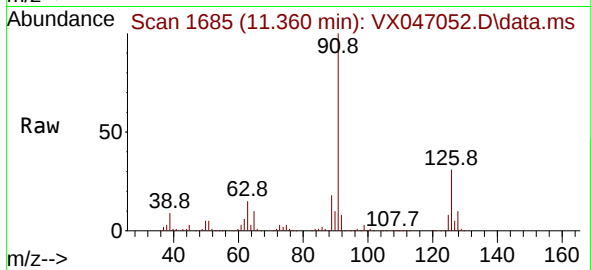
#79
2-Chlorotoluene
Concen: 49.758 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 62402
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.8

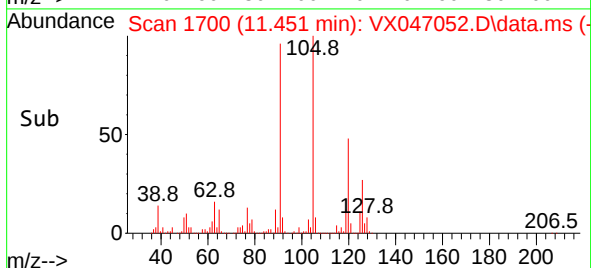
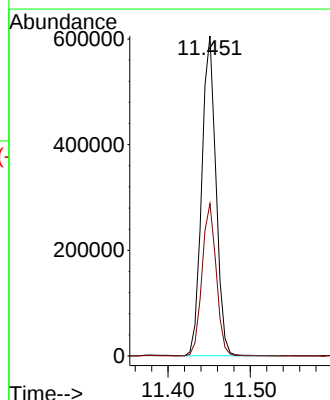
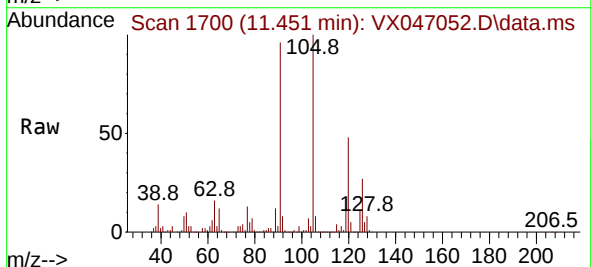
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.818 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion:105 Resp: 727333
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.4





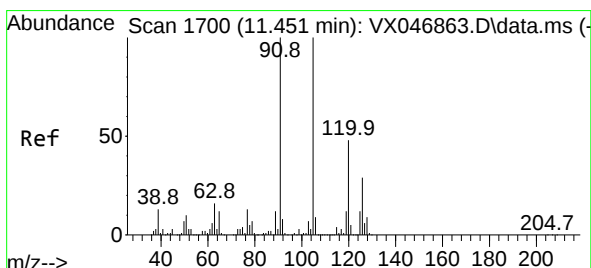
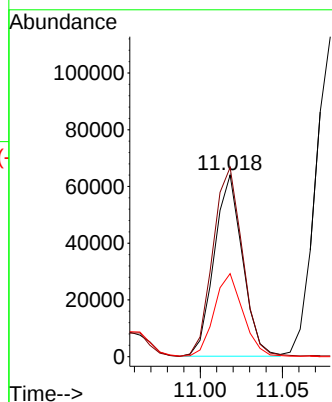
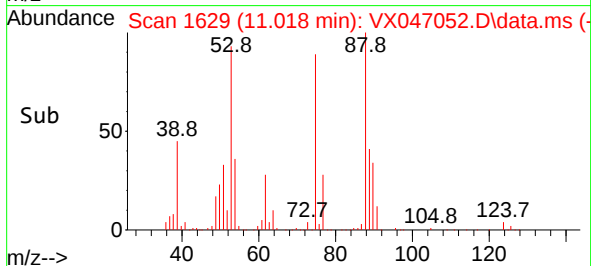
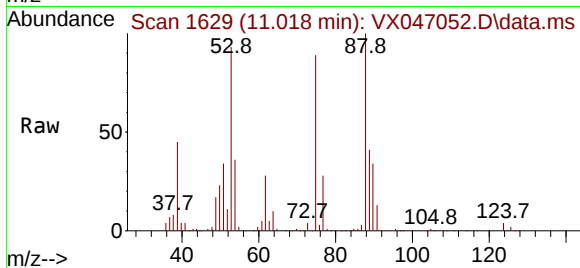
#81
trans-1,4-Dichloro-2-butene
Concen: 53.234 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7680
Ion Ratio Lower Upper
75 100
53 110.4 83.7 125.5
89 46.9 38.2 57.2

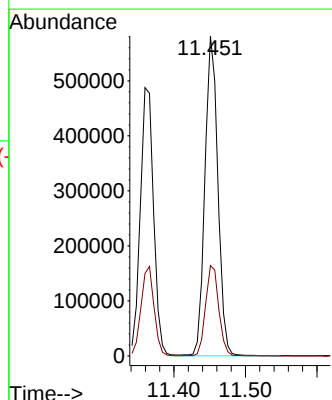
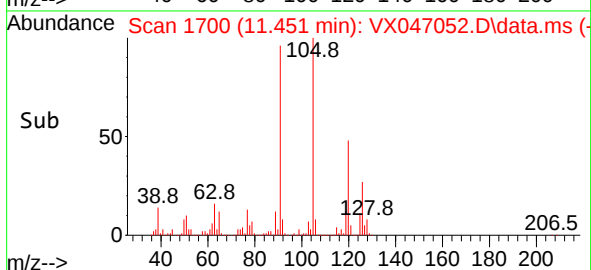
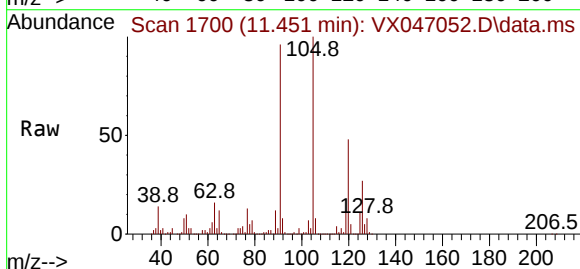
Manual Integrations
APPROVED

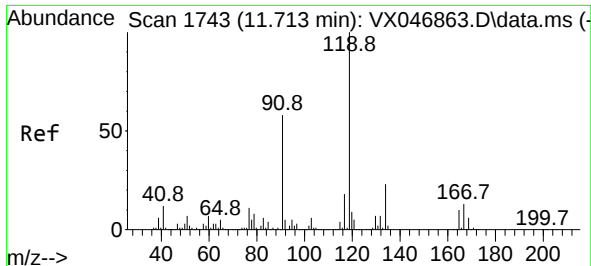
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#82
4-Chlorotoluene
Concen: 50.538 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

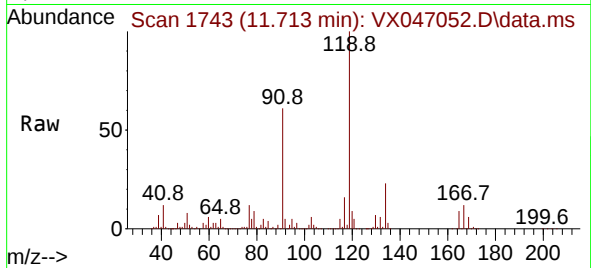
Tgt Ion: 91 Resp: 731415
Ion Ratio Lower Upper
91 100
126 28.9 14.6 44.0





#83
tert-Butylbenzene
Concen: 49.870 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

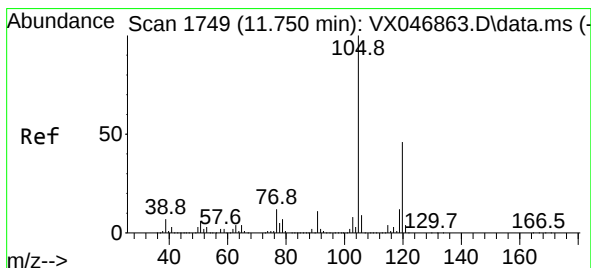
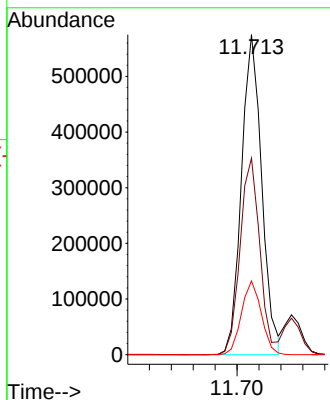
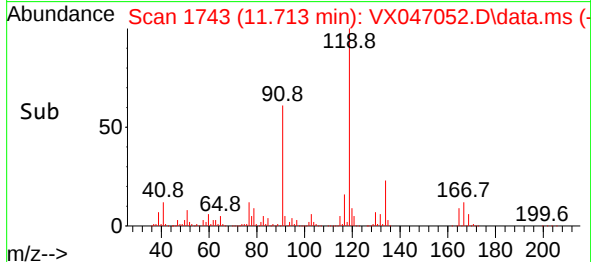
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



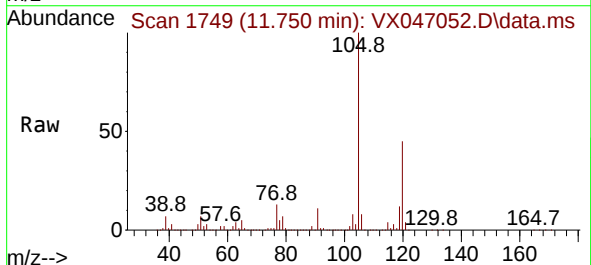
Tgt Ion:119 Resp: 737198
Ion Ratio Lower Upper
119 100
91 60.2 28.7 86.3
134 22.6 11.4 34.2

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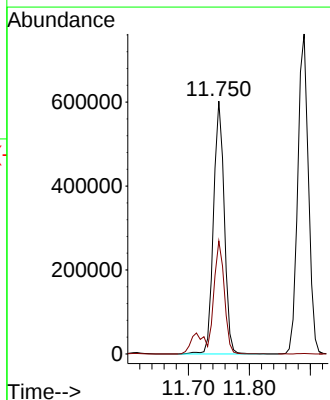
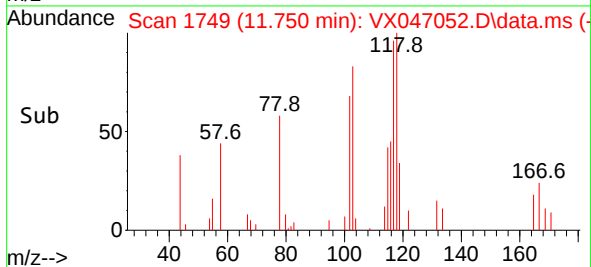
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.818 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03



Tgt Ion:105 Resp: 735160
Ion Ratio Lower Upper
105 100
120 42.6 23.3 69.8





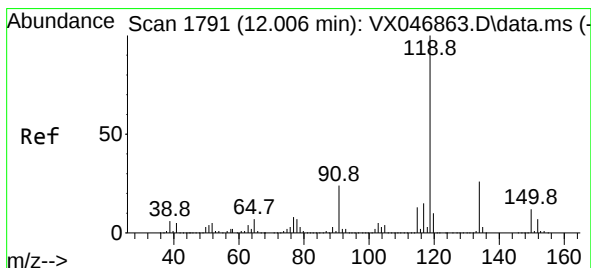
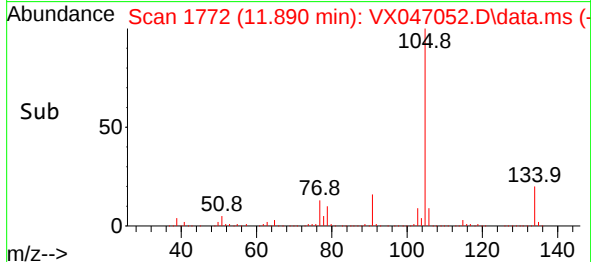
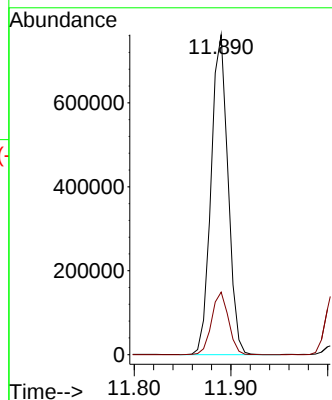
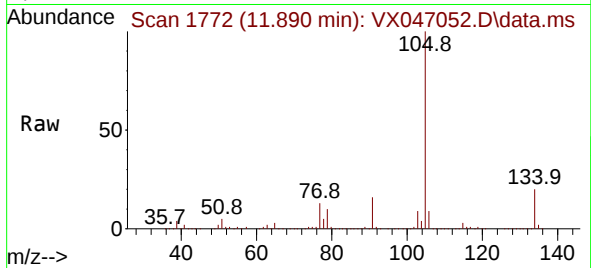
#85
 sec-Butylbenzene
 Concen: 49.748 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX047052.D
 Acq: 18 Jul 2025 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 927194
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

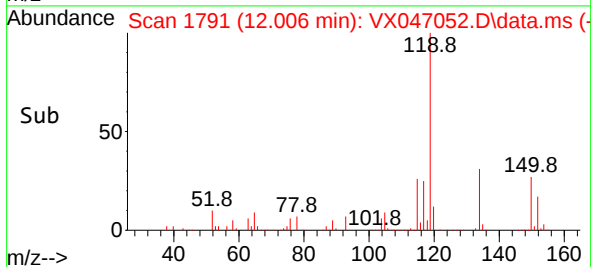
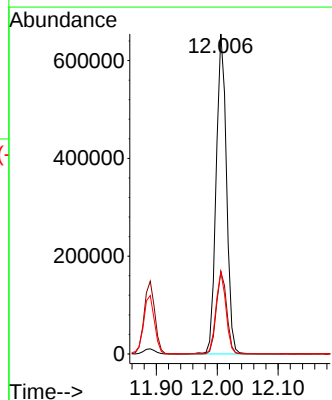
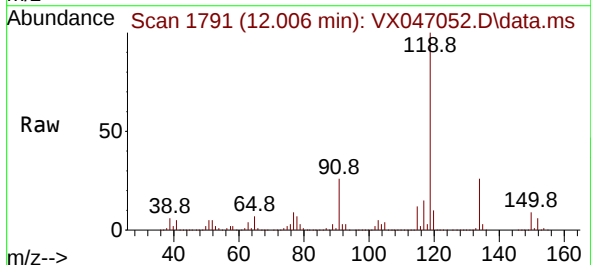
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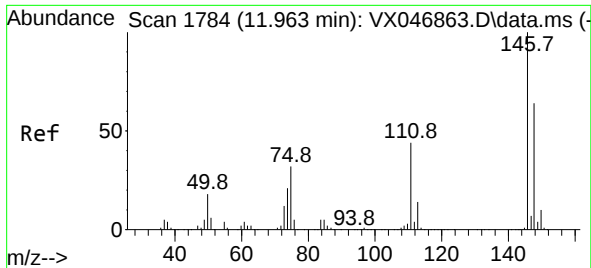
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#86
 p-Isopropyltoluene
 Concen: 49.164 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047052.D
 Acq: 18 Jul 2025 16:03

Tgt Ion:119 Resp: 767346
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 48.534 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 398248

Ion Ratio Lower Upper

146 100

111 42.5 20.5 61.6

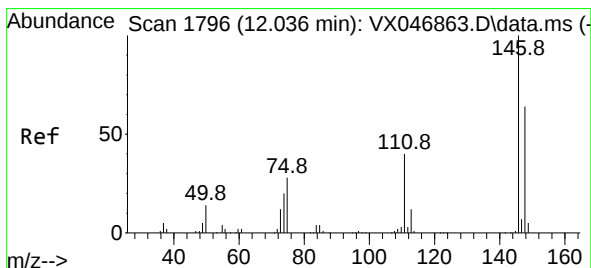
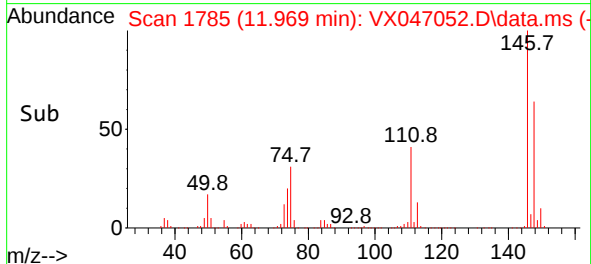
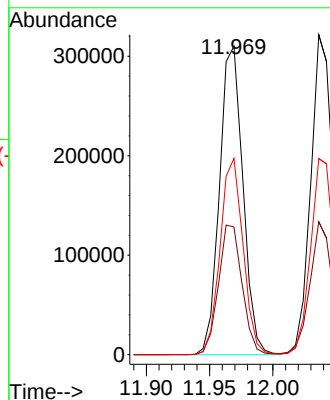
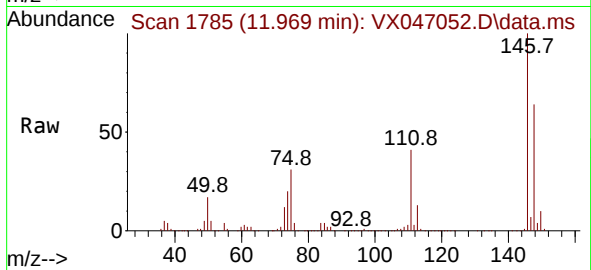
148 62.4 31.4 94.2

Manual Integrations

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Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#88

1,4-Dichlorobenzene

Concen: 46.607 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

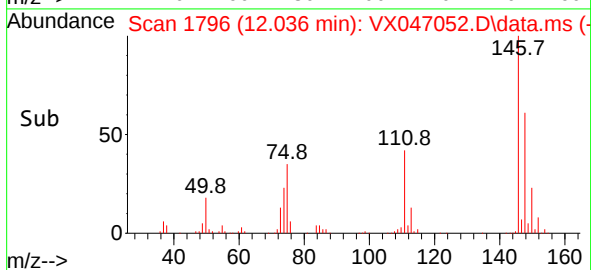
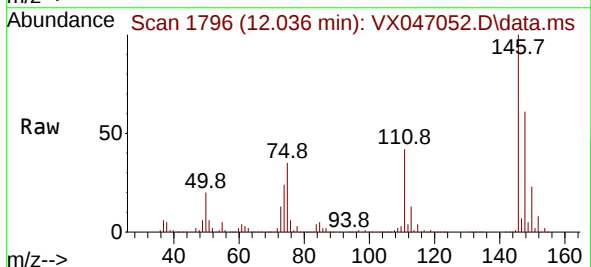
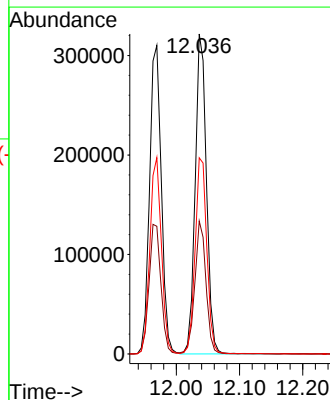
Tgt Ion:146 Resp: 398022

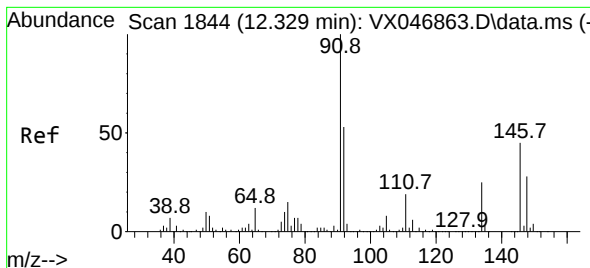
Ion Ratio Lower Upper

146 100

111 41.4 20.2 60.5

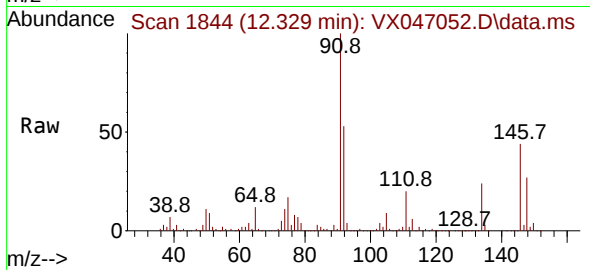
148 63.8 32.4 97.0





#89
n-Butylbenzene
Concen: 48.865 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

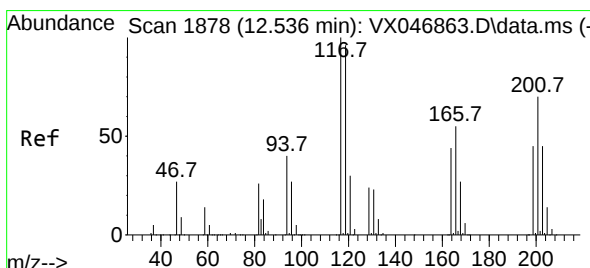
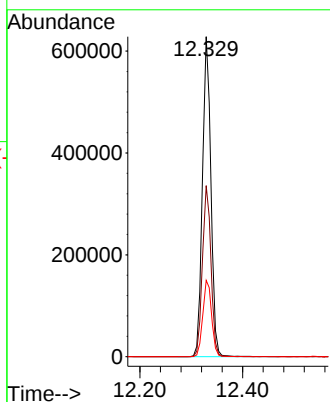
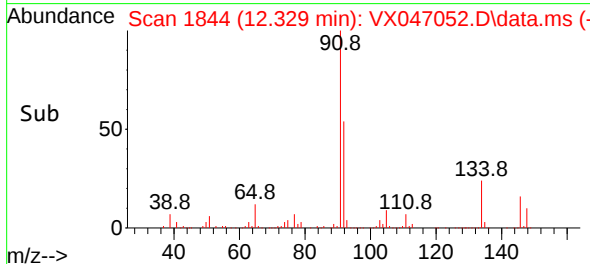
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 71662
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 24.8 12.8 38.4

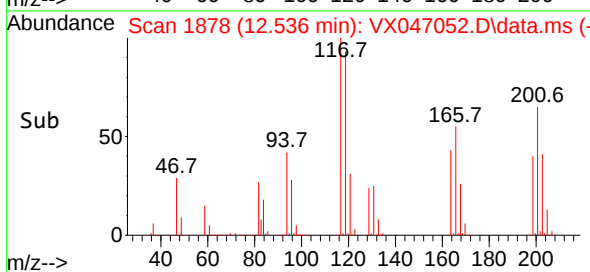
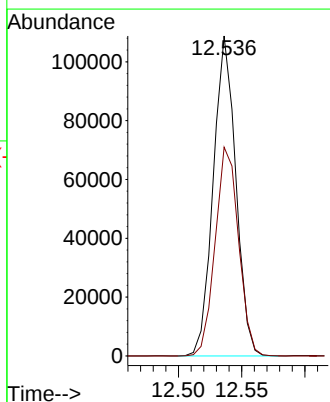
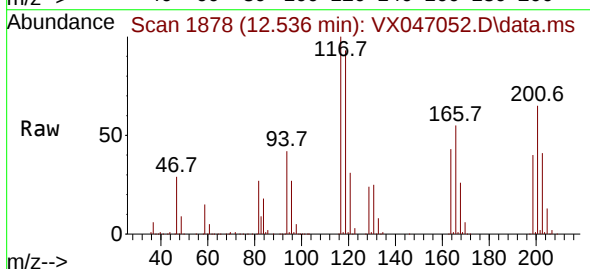
Manual Integrations
APPROVED

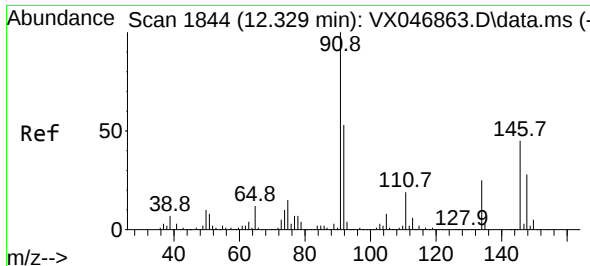
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#90
Hexachloroethane
Concen: 48.700 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

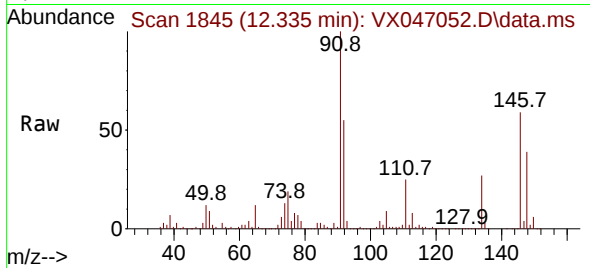
Tgt Ion:117 Resp: 134745
Ion Ratio Lower Upper
117 100
201 67.7 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 47.577 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

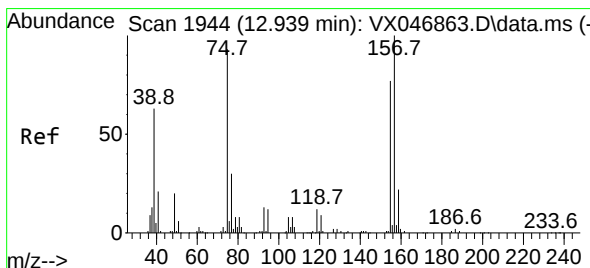
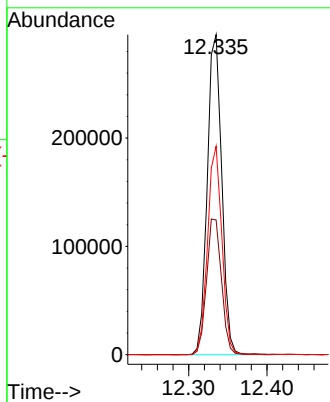
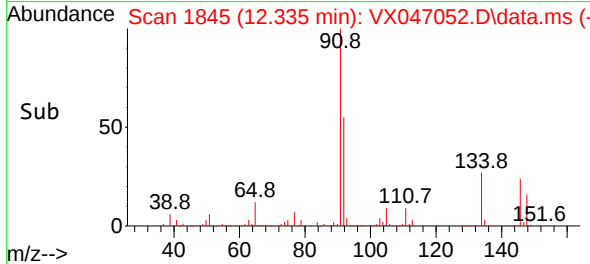
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 378318
Ion Ratio Lower Upper
146 100
111 43.7 21.1 63.1
148 64.3 31.6 95.0

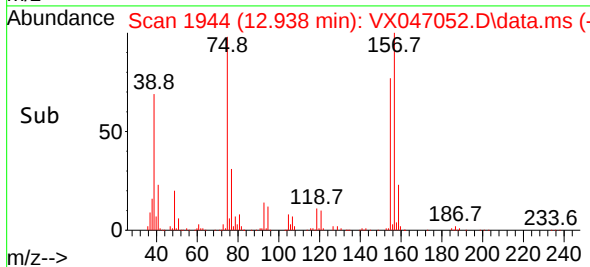
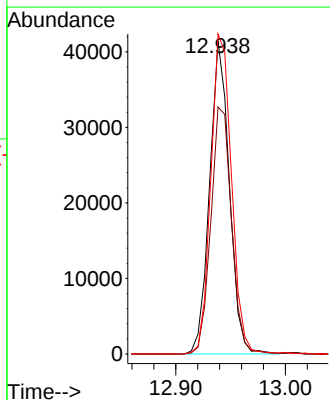
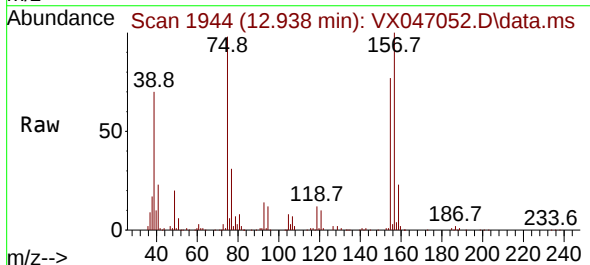
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.250 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

Tgt Ion: 75 Resp: 51888
Ion Ratio Lower Upper
75 100
155 82.6 43.1 129.4
157 107.2 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 47.114 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

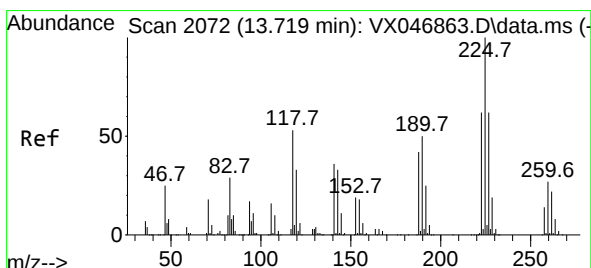
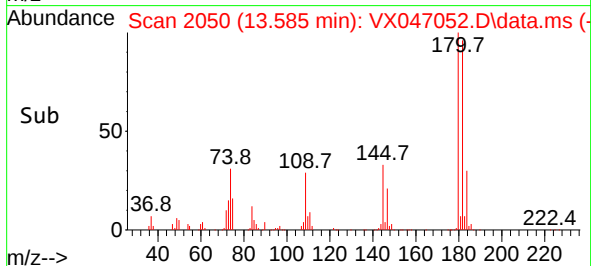
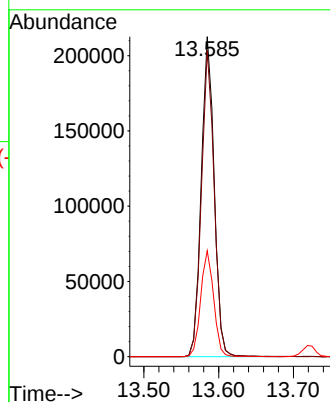
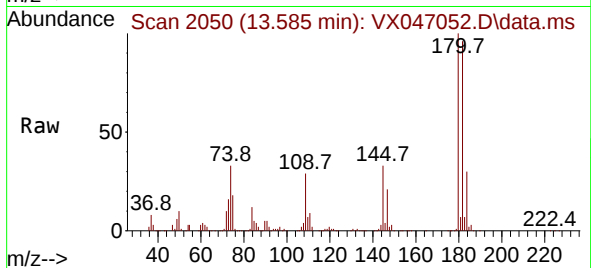
Tgt Ion:180 Resp: 25451
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 33.3 16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#94

Hexachlorobutadiene

Concen: 41.081 ug/l

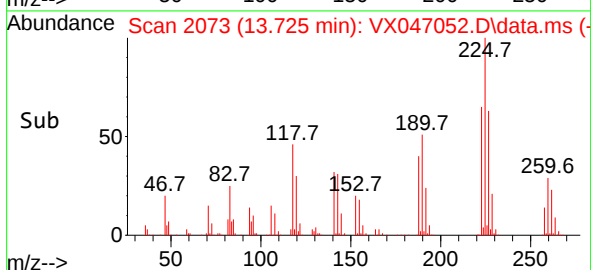
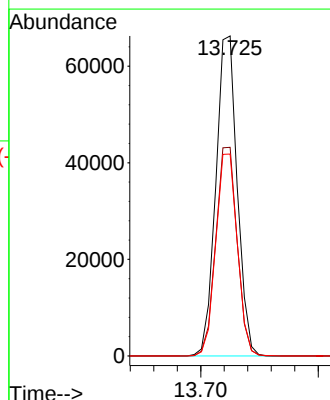
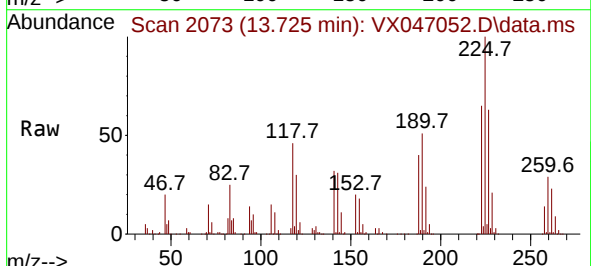
RT: 13.725 min Scan# 2073

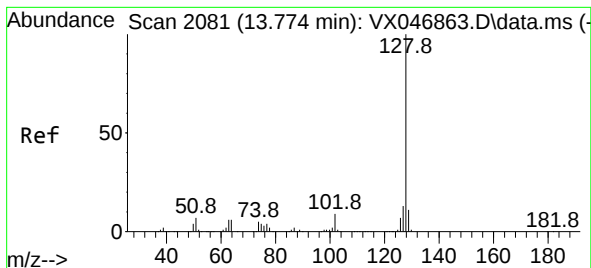
Delta R.T. 0.006 min

Lab File: VX047052.D

Acq: 18 Jul 2025 16:03

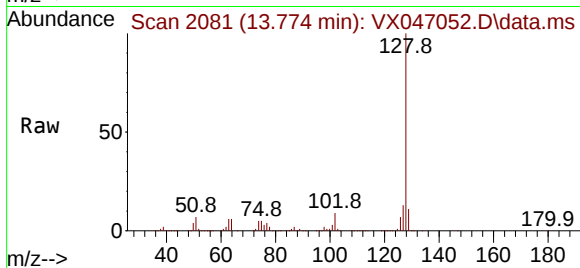
Tgt Ion:225 Resp: 83691
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.6 94.7
 227 63.6 31.6 94.7





#95
Naphthalene
Concen: 55.697 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03

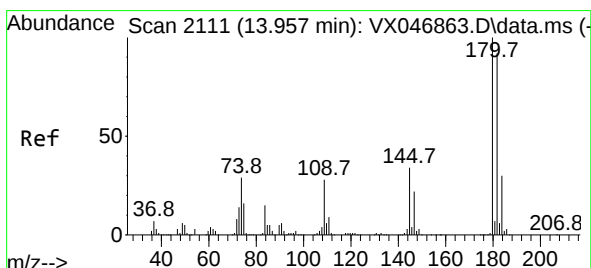
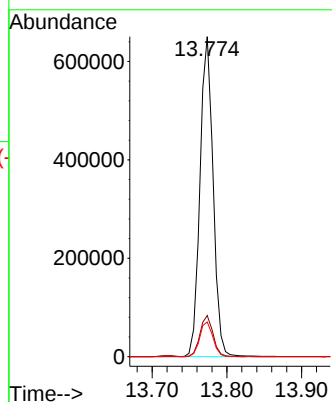
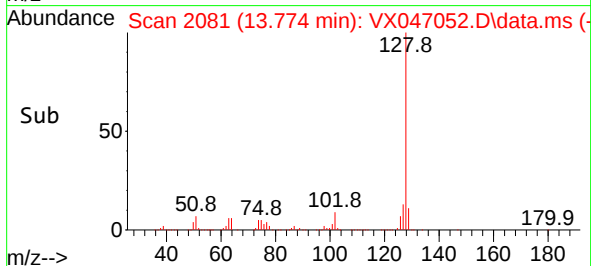
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



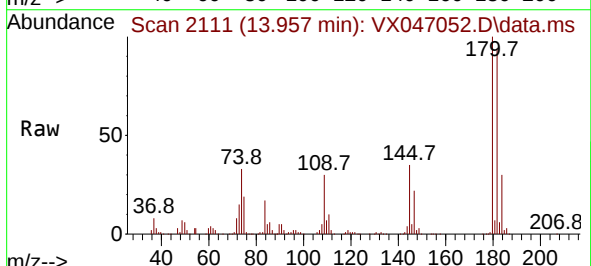
Tgt Ion:128 Resp: 792828
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.765 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047052.D
Acq: 18 Jul 2025 16:03



Tgt Ion:180 Resp: 243801
Ion Ratio Lower Upper
180 100
182 96.8 46.7 140.1
145 35.2 16.8 50.3

