

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047059.D
 Acq On : 21 Jul 2025 11:11
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 22 03:39:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	293211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	502636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	358189	98.067	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 196.140%#			
35) Dibromofluoromethane	5.397	113	304077	97.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.960%#			
50) Toluene-d8	8.653	98	951189	94.642	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 189.280%#			
62) 4-Bromofluorobenzene	11.079	95	418790	96.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 193.380%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	422702	108.536	ug/l	98
3) Chloromethane	1.307	50	390958	101.483	ug/l	99
4) Vinyl Chloride	1.386	62	420036	101.428	ug/l	98
5) Bromomethane	1.611	94	207177	92.097	ug/l	96
6) Chloroethane	1.697	64	248151	91.235	ug/l	98
7) Trichlorofluoromethane	1.898	101	618083	100.093	ug/l	99
8) Diethyl Ether	2.148	74	214962	98.730	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	367465	98.771	ug/l	100
10) Methyl Iodide	2.465	142	421251	111.100	ug/l	99
11) Tert butyl alcohol	2.965	59	207609	496.373	ug/l	98
12) 1,1-Dichloroethene	2.337	96	365672	99.237	ug/l	96
13) Acrolein	2.245	56	390297	496.280	ug/l	99
14) Allyl chloride	2.678	41	668038	100.294	ug/l	99
15) Acrylonitrile	3.075	53	895719	514.199	ug/l	99
16) Acetone	2.386	43	680698	465.214	ug/l	99
17) Carbon Disulfide	2.526	76	1045599	98.086	ug/l	100
18) Methyl Acetate	2.715	43	381521	98.118	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1109184	98.907	ug/l	100
20) Methylene Chloride	2.806	84	382904	95.122	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	370810	98.339	ug/l	97
22) Diisopropyl ether	3.770	45	1246566	97.342	ug/l	99
23) Vinyl Acetate	3.733	43	5255654	511.682	ug/l	100
24) 1,1-Dichloroethane	3.623	63	690059	96.903	ug/l	99
25) 2-Butanone	4.562	43	1064894	499.825	ug/l	99
26) 2,2-Dichloropropane	4.489	77	534633	96.986	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	433236	97.026	ug/l	99
28) Bromochloromethane	4.910	49	327531	99.974	ug/l	100
29) Tetrahydrofuran	5.013	42	696538	506.702	ug/l	99
30) Chloroform	5.105	83	688904	95.036	ug/l	98
31) Cyclohexane	5.483	56	644257	94.354	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	610295	96.931	ug/l	99
36) 1,1-Dichloropropene	5.702	75	486962	92.052	ug/l	99
37) Ethyl Acetate	4.721	43	464215	99.573	ug/l	99
38) Carbon Tetrachloride	5.690	117	534117	94.597	ug/l	99
39) Methylcyclohexane	7.385	83	643495	97.426	ug/l	98
40) Benzene	6.050	78	1458721	95.282	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	266722	104.648	ug/l	99
42) 1,2-Dichloroethane	6.092	62	514986	95.493	ug/l	99
43) Isopropyl Acetate	6.342	43	782743	103.002	ug/l	99
44) Trichloroethene	7.129	130	372515	94.887	ug/l	99
45) 1,2-Dichloropropane	7.434	63	364769	95.131	ug/l	97
46) Dibromomethane	7.586	93	262070	97.464	ug/l	100
47) Bromodichloromethane	7.824	83	545715	95.349	ug/l	98
48) Methyl methacrylate	7.696	41	406578	98.210	ug/l	100
49) 1,4-Dioxane	7.659	88	97685	2074.633	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	2213299	490.000	ug/l	100
52) Toluene	8.720	92	900379	95.648	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	550435	101.846	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	595662	100.700	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	333552	94.482	ug/l	99
56) Ethyl methacrylate	9.116	69	546929	104.649	ug/l	99
57) 1,3-Dichloropropane	9.311	76	579525	94.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1489901	512.296	ug/l	100
59) 2-Hexanone	9.433	43	1534390	514.162	ug/l	99
60) Dibromochloromethane	9.519	129	400453	96.718	ug/l	100
61) 1,2-Dibromoethane	9.610	107	350348	94.909	ug/l	99
64) Tetrachloroethene	9.275	164	299042	93.490	ug/l	96
65) Chlorobenzene	10.079	112	988883	95.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	338141	96.621	ug/l	99
67) Ethyl Benzene	10.195	91	1752485	96.425	ug/l	99
68) m/p-Xylenes	10.299	106	1302405	191.494	ug/l	99
69) o-Xylene	10.640	106	624795	96.565	ug/l	99
70) Styrene	10.652	104	1072801	96.694	ug/l	100
71) Bromoform	10.799	173	259124	97.473	ug/l #	99
73) Isopropylbenzene	10.963	105	1645804	99.034	ug/l	100
74) N-amyl acetate	10.841	43	698465	105.369	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	457057	96.283	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	380871m	97.686	ug/l	
77) Bromobenzene	11.195	156	389788	97.789	ug/l	99
78) n-propylbenzene	11.305	91	1945548	97.969	ug/l	99
79) 2-Chlorotoluene	11.366	91	1150165	96.889	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1340151	97.612	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	158030	104.426	ug/l	97
82) 4-Chlorotoluene	11.451	91	1340796	96.766	ug/l	99
83) tert-Butylbenzene	11.713	119	1347206	97.765	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1346982	98.362	ug/l	99
85) sec-Butylbenzene	11.890	105	1682208	97.702	ug/l	100
86) p-Isopropyltoluene	12.006	119	1404678	98.379	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	717851	94.782	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	726014	94.617	ug/l	98
89) n-Butylbenzene	12.329	91	1323274	98.826	ug/l	100
90) Hexachloroethane	12.536	117	260929	102.152	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	684462	94.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	97209	106.683	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	481866	100.755	ug/l	100
94) Hexachlorobutadiene	13.725	225	165153	101.539	ug/l	98
95) Naphthalene	13.774	128	1474039	105.135	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	464244	100.760	ug/l	100

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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC100

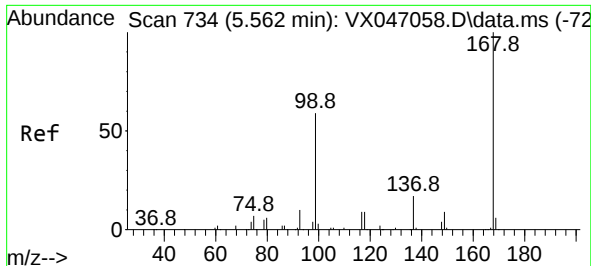
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/22/2025

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Response via : Initial Calibration

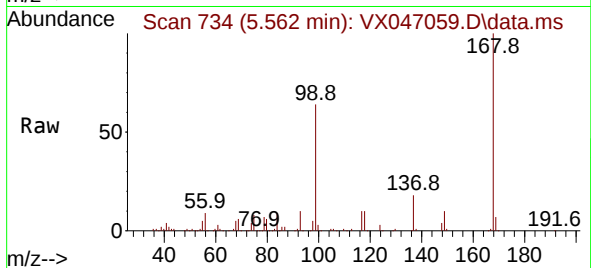
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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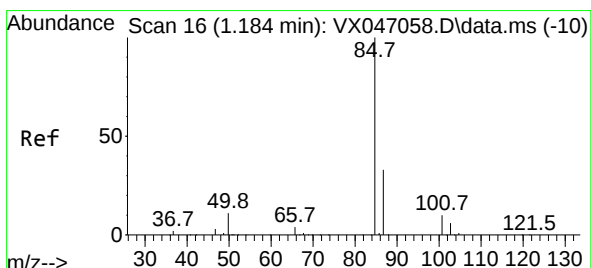
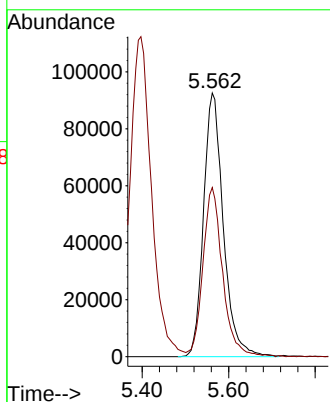
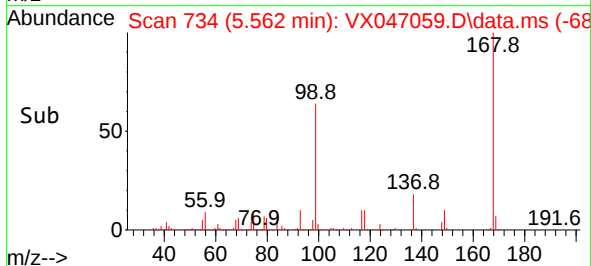
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



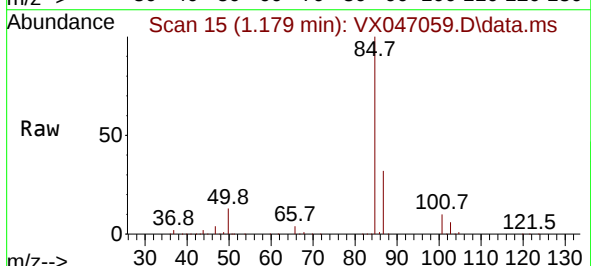
Tgt Ion:168 Resp: 29321
Ion Ratio Lower Upper
168 100
99 63.8 48.0 72.0

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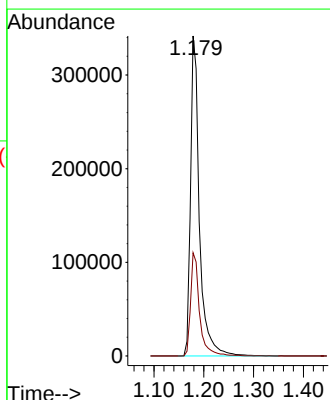
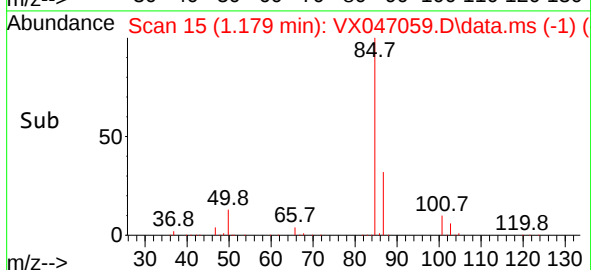
Reviewed By :John Carlone 07/22/2025
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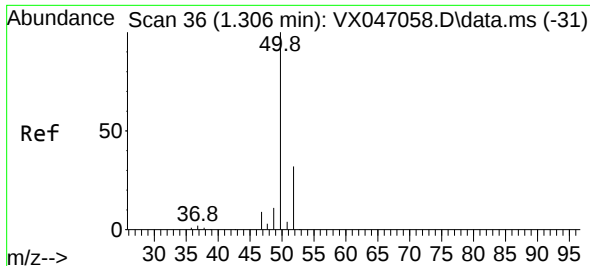


#2
Dichlorodifluoromethane
Concen: 108.536 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



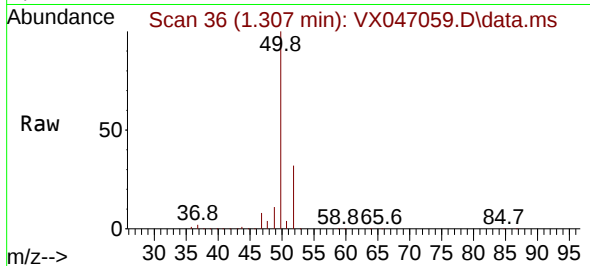
Tgt Ion: 85 Resp: 422702
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8





#3
Chloromethane
Concen: 101.483 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

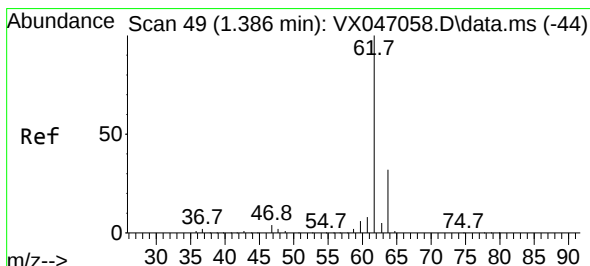
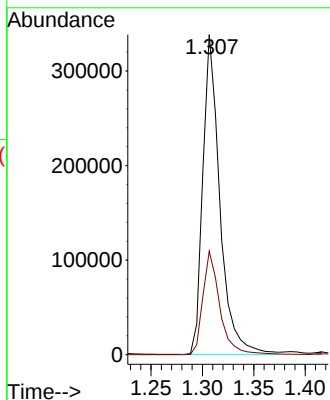
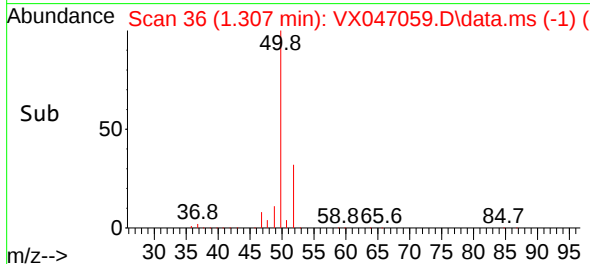
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 390958
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

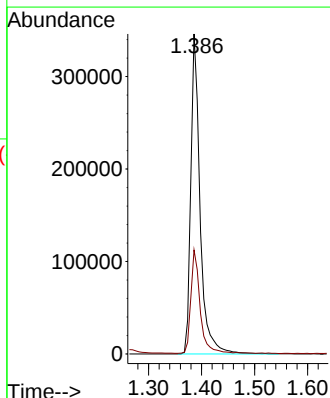
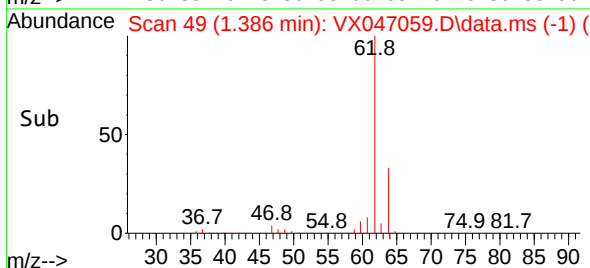
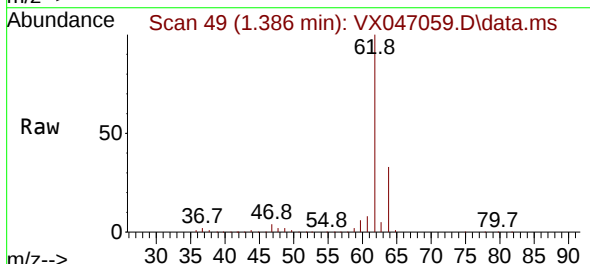
Manual Integrations
APPROVED

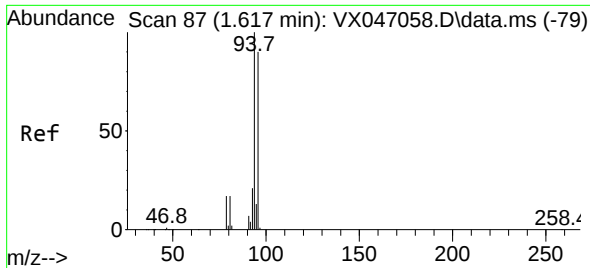
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#4
Vinyl Chloride
Concen: 101.428 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

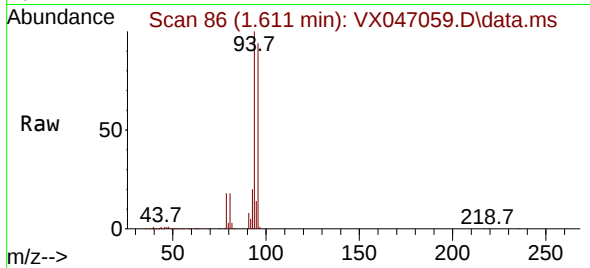
Tgt Ion: 62 Resp: 420036
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5
Bromomethane
Concen: 92.097 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

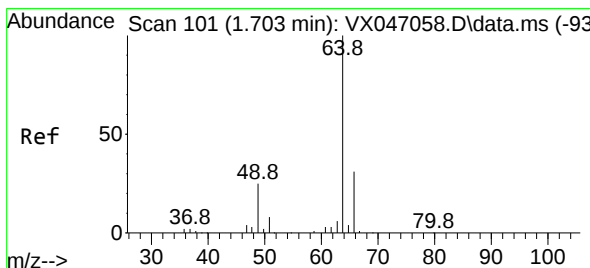
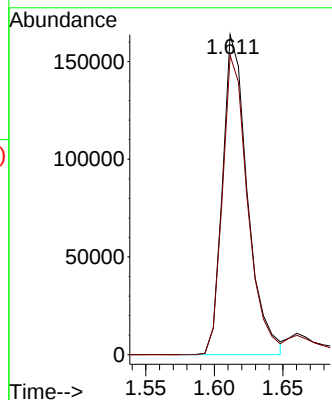
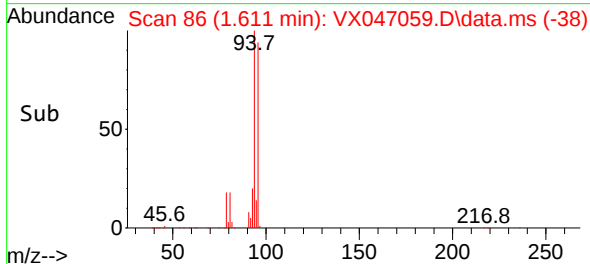
Instrument :
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Tgt Ion: 94 Resp: 20717
Ion Ratio Lower Upper
94 100
96 94.6 72.3 108.5

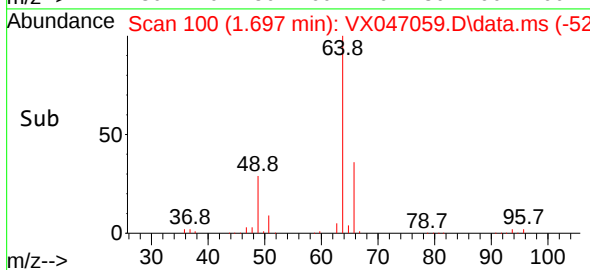
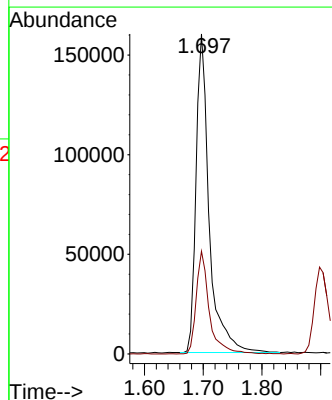
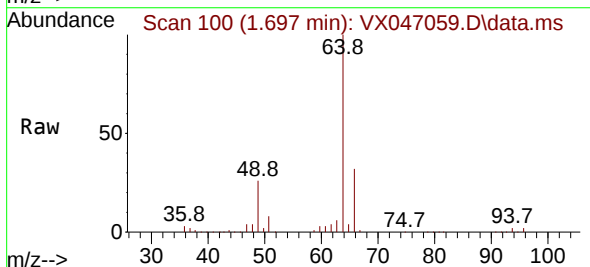
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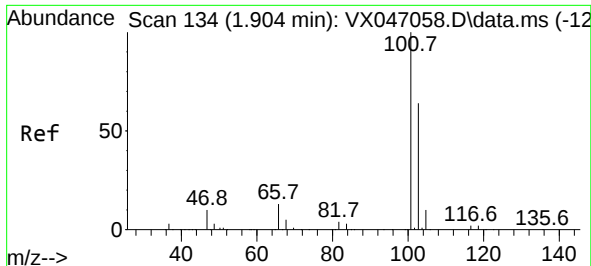
Reviewed By :John Carlone 07/22/2025
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#6
Chloroethane
Concen: 91.235 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX047059.D
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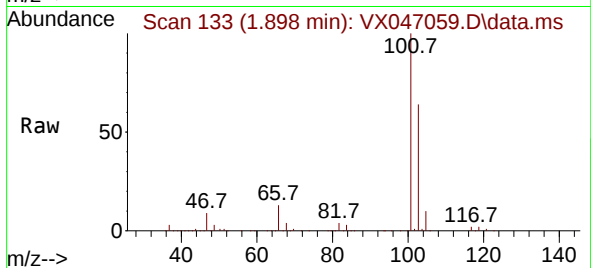
Tgt Ion: 64 Resp: 248151
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6





#7
Trichlorofluoromethane
Concen: 100.093 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

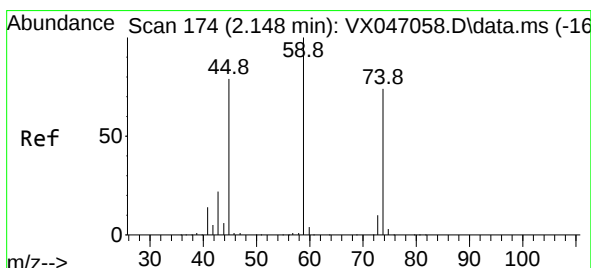
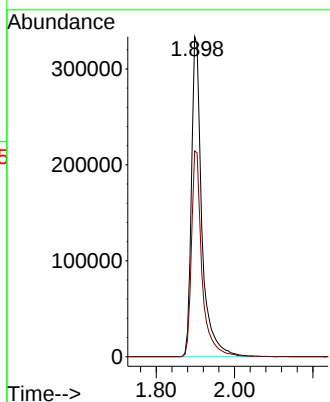
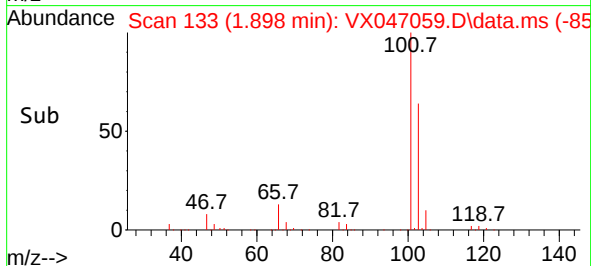
Instrument :
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ClientSampleId :
VSTDIC100



Tgt Ion:101 Resp: 61808
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3

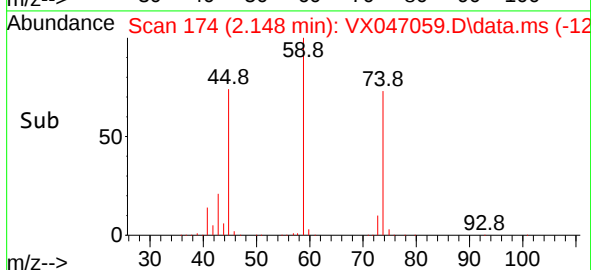
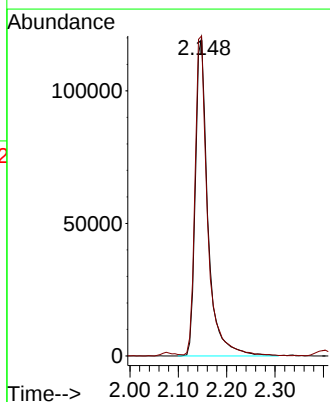
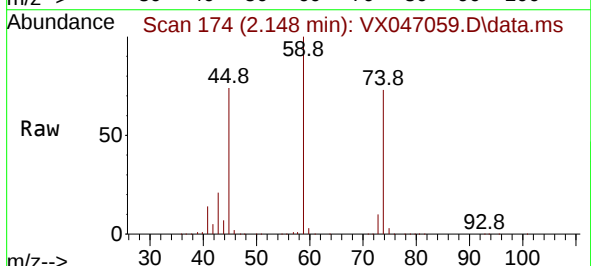
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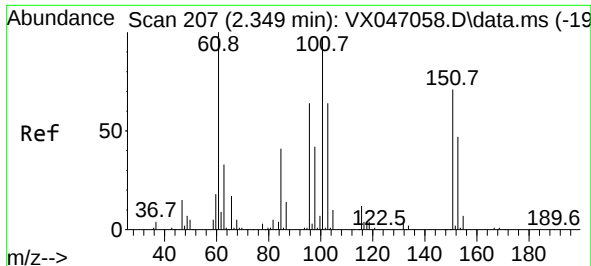
Reviewed By :John Carlone 07/22/2025
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#8
Diethyl Ether
Concen: 98.730 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047059.D
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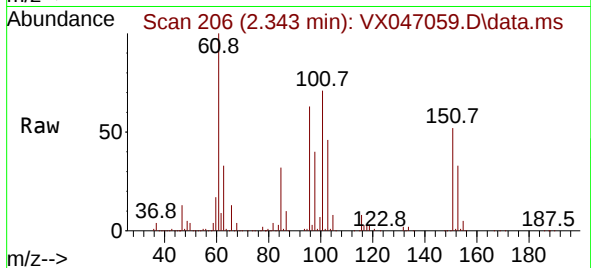
Tgt Ion: 74 Resp: 214962
Ion Ratio Lower Upper
74 100
45 101.2 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.771 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

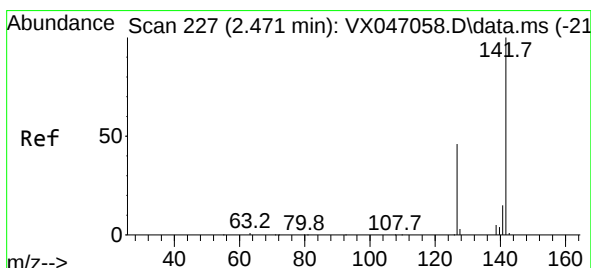
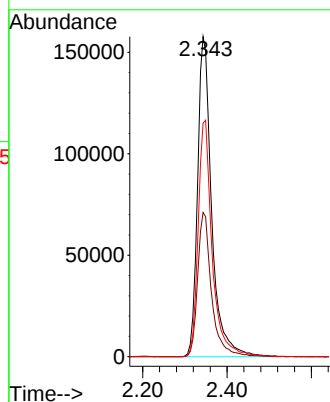
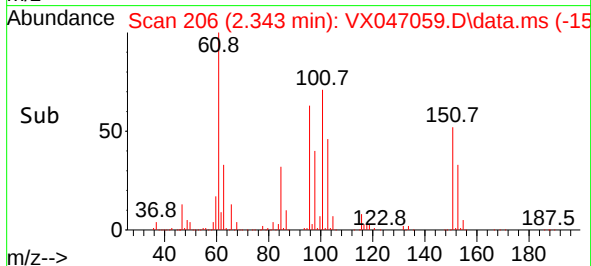
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 36746
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.0
151 73.7 59.2 88.8

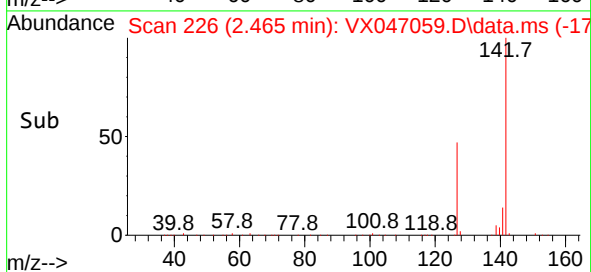
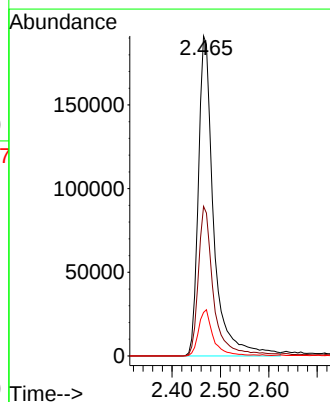
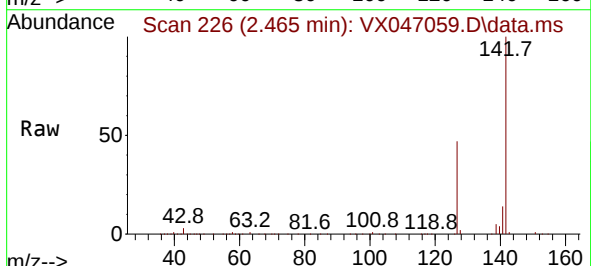
Manual Integrations
APPROVED

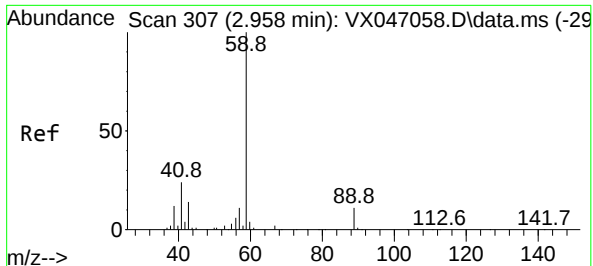
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#10
Methyl Iodide
Concen: 111.100 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

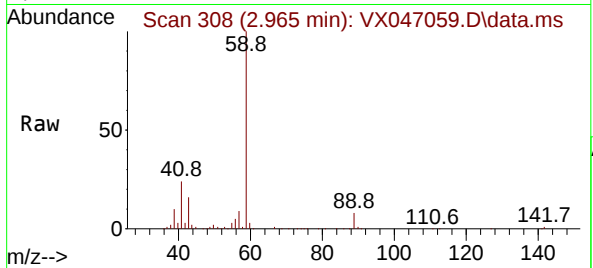
Tgt Ion:142 Resp: 421251
Ion Ratio Lower Upper
142 100
127 46.5 36.6 54.8
141 13.7 10.9 16.3





#11
Tert butyl alcohol
Concen: 496.373 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

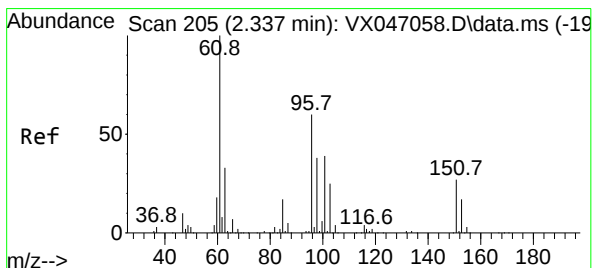
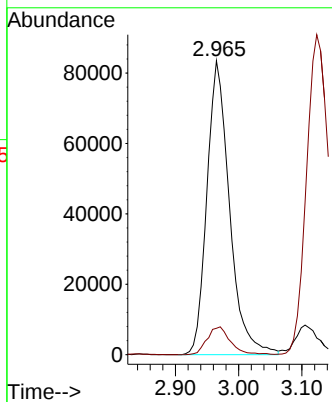
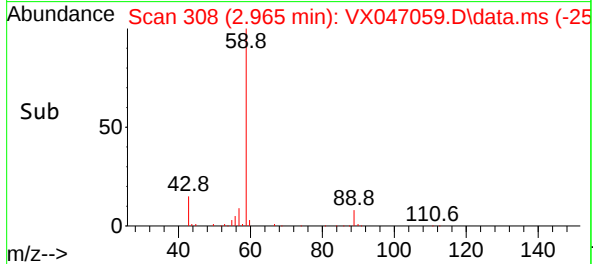
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 207609
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

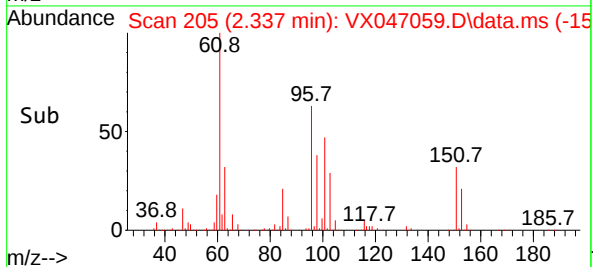
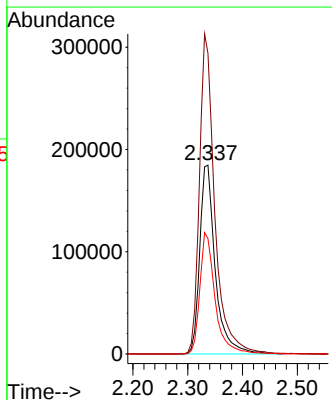
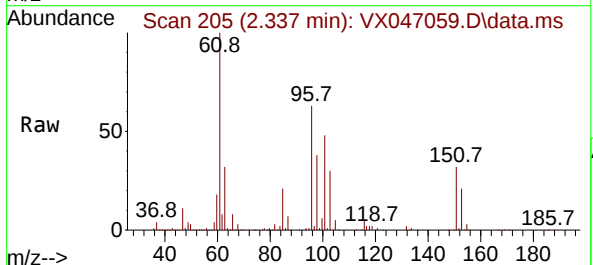
Manual Integrations
APPROVED

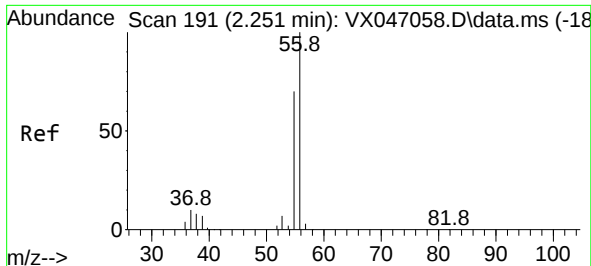
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#12
1,1-Dichloroethene
Concen: 99.237 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion: 96 Resp: 365672
Ion Ratio Lower Upper
96 100
61 159.2 132.6 198.8
98 61.1 50.2 75.4





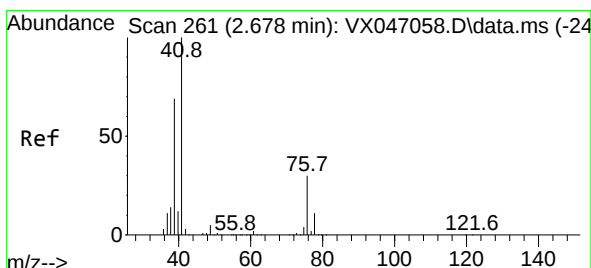
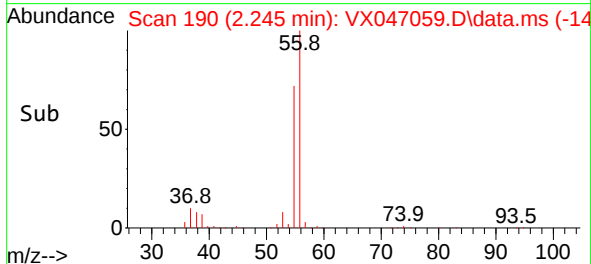
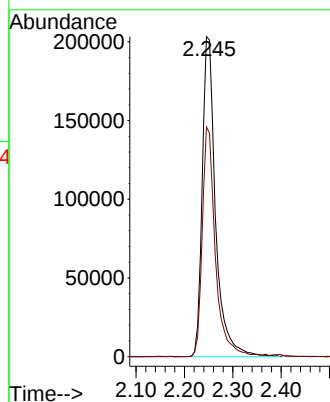
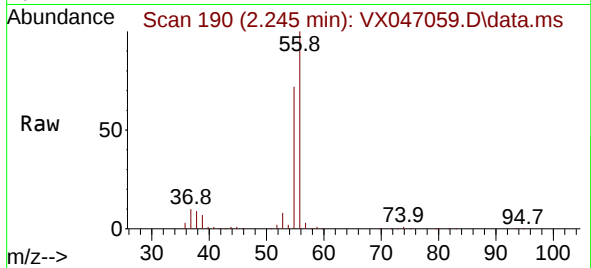
#13
Acrolein
Concen: 496.280 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 390297
Ion Ratio Lower Upper
56 100
55 70.6 55.7 83.5

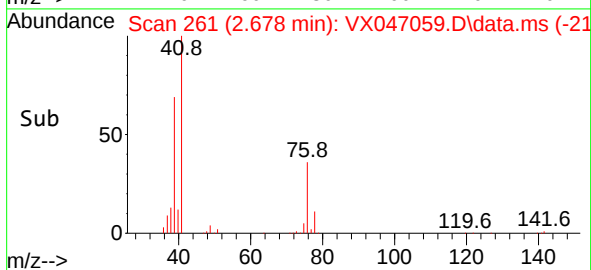
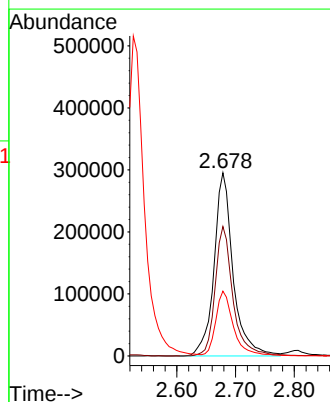
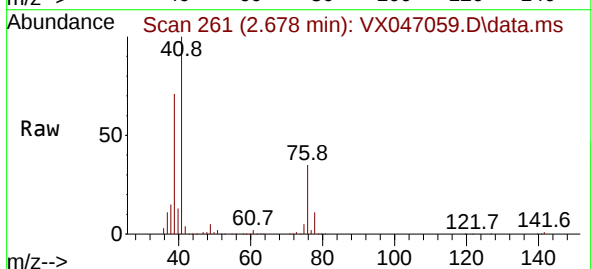
Manual Integrations
APPROVED

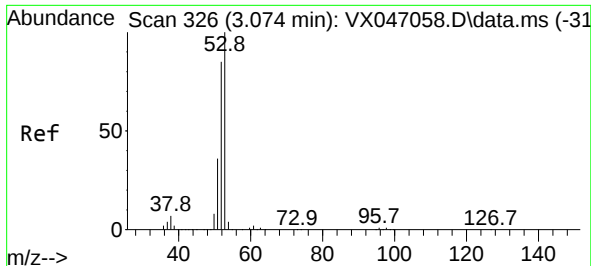
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#14
Allyl chloride
Concen: 100.294 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

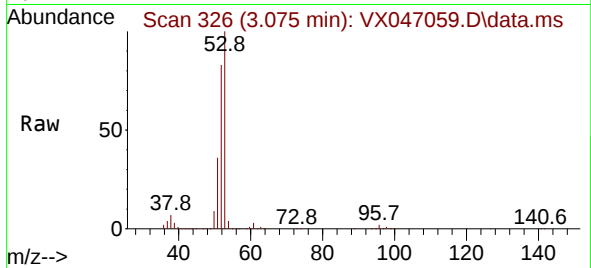
Tgt Ion: 41 Resp: 668038
Ion Ratio Lower Upper
41 100
39 66.1 52.6 78.8
76 32.9 25.7 38.5





#15
Acrylonitrile
Concen: 514.199 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

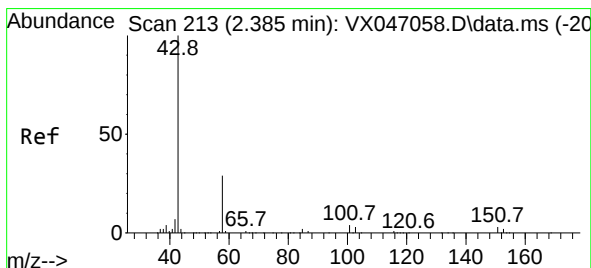
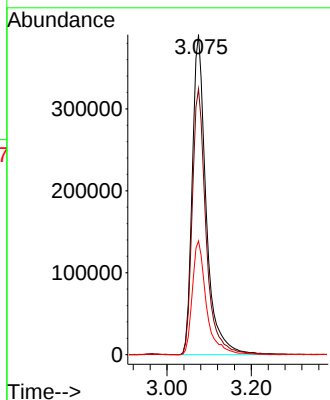
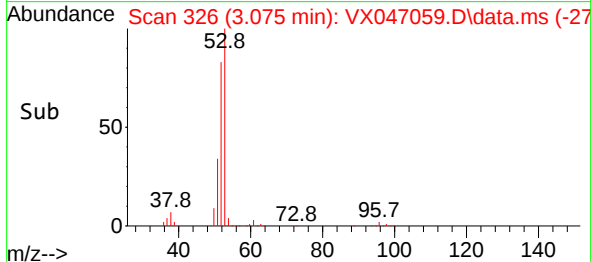
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 895719
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 36.3 28.8 43.2

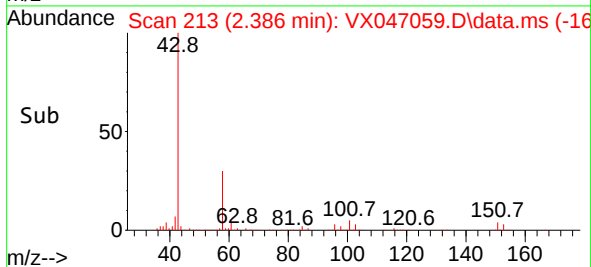
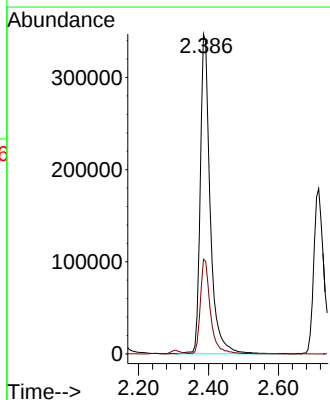
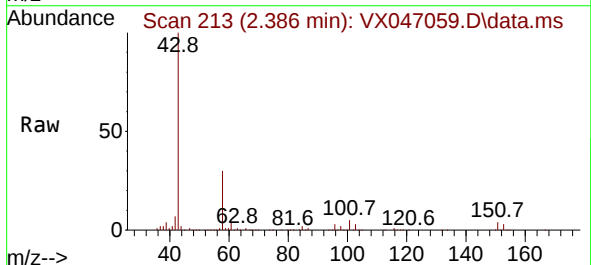
Manual Integrations
APPROVED

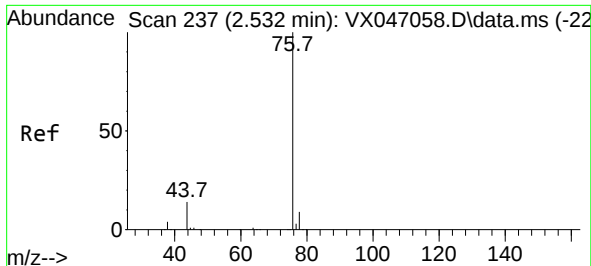
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#16
Acetone
Concen: 465.214 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

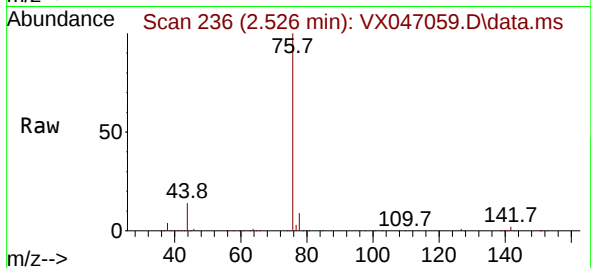
Tgt Ion: 43 Resp: 680698
Ion Ratio Lower Upper
43 100
58 29.7 24.0 36.0





#17
Carbon Disulfide
Concen: 98.086 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

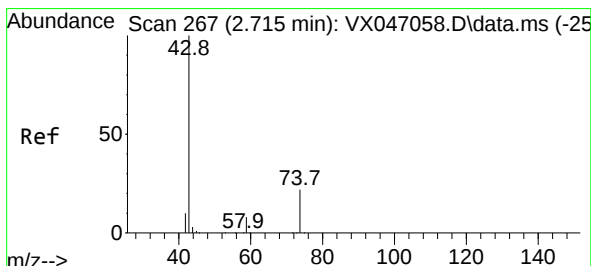
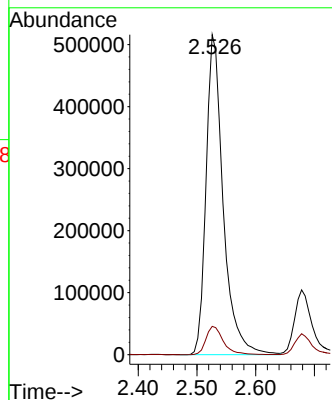
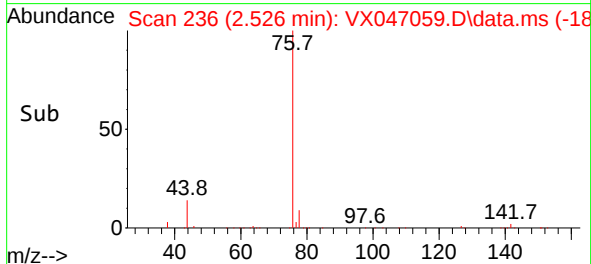
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 104559
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

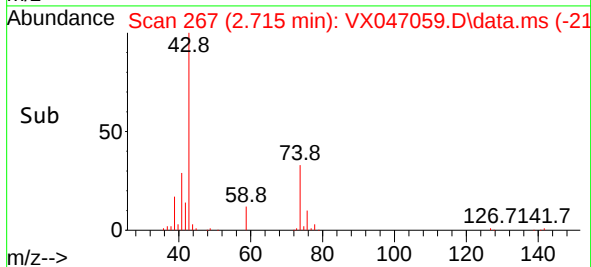
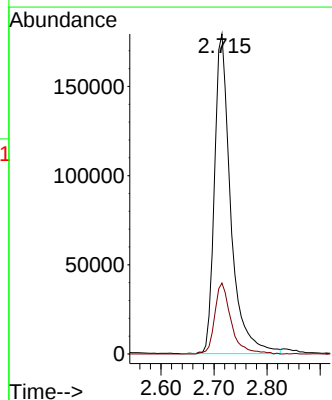
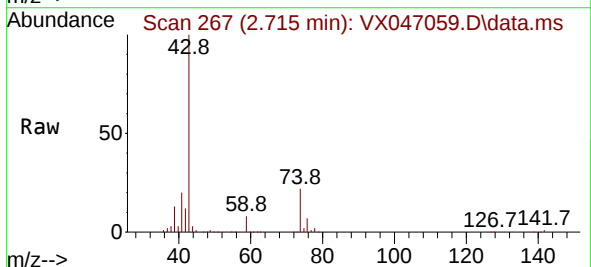
Manual Integrations
APPROVED

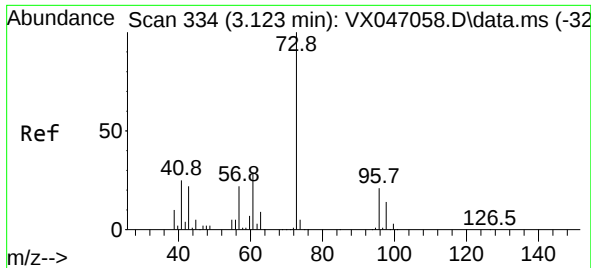
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#18
Methyl Acetate
Concen: 98.118 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion: 43 Resp: 381521
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5





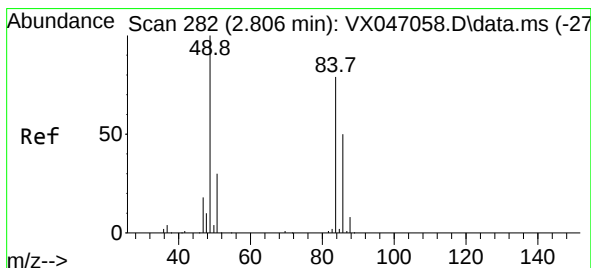
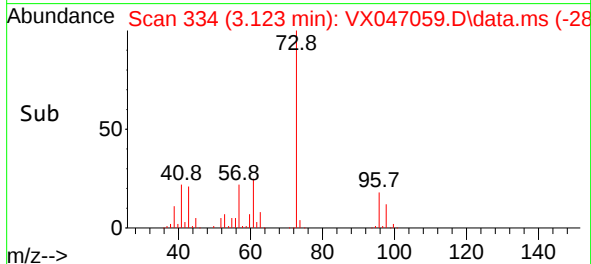
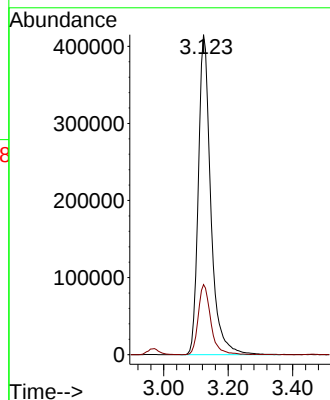
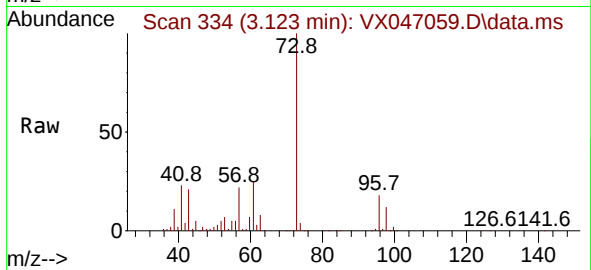
#19
Methyl tert-butyl Ether
Concen: 98.907 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 1109184
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

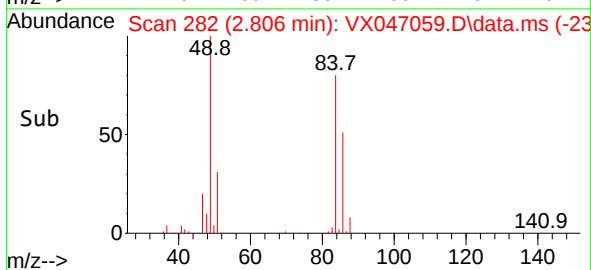
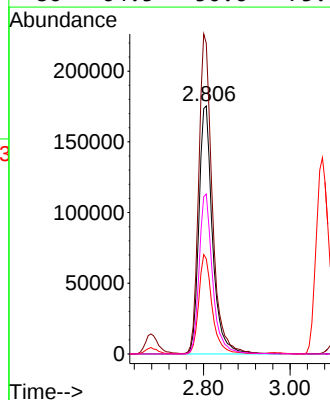
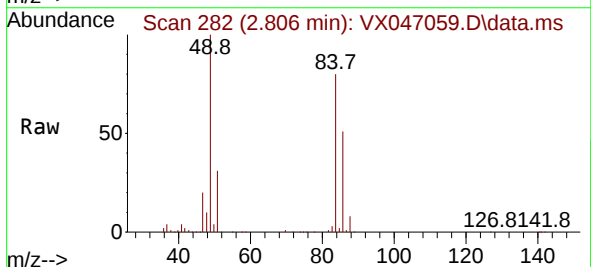
Manual Integrations
APPROVED

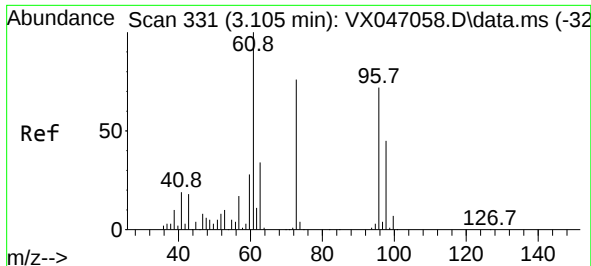
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#20
Methylene Chloride
Concen: 95.122 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

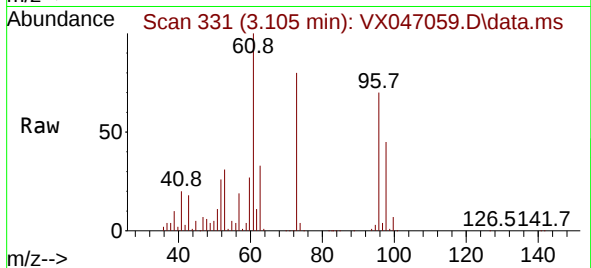
Tgt Ion: 84 Resp: 382904
Ion Ratio Lower Upper
84 100
49 125.1 101.6 152.4
51 38.3 30.3 45.5
86 64.5 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 98.339 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

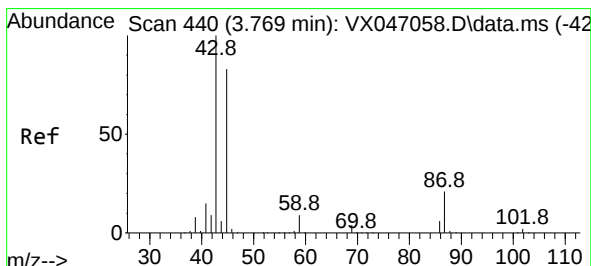
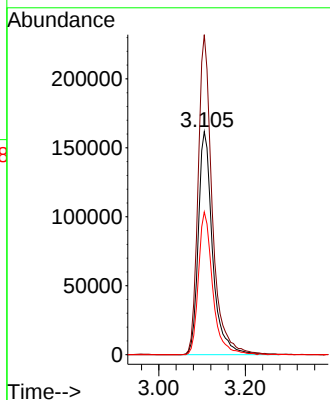
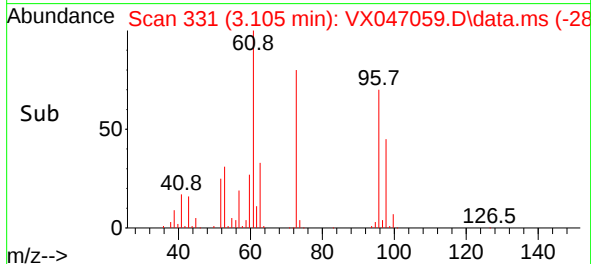
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 370810
Ion Ratio Lower Upper
96 100
61 143.5 111.1 166.7
98 64.0 49.6 74.4

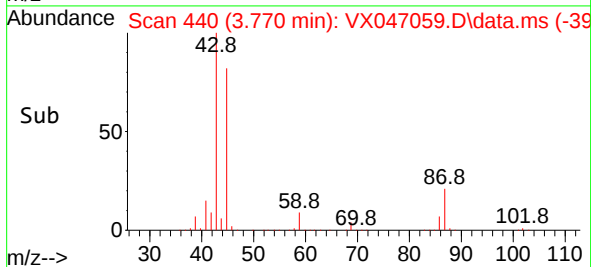
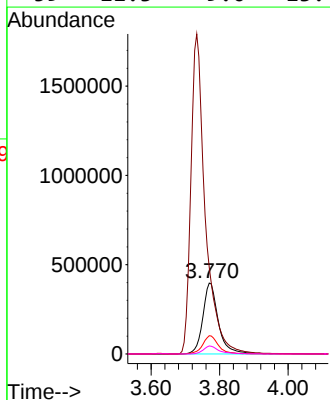
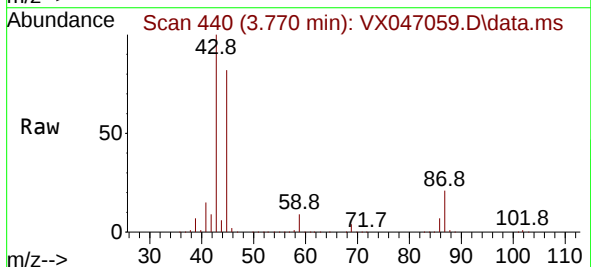
Manual Integrations
APPROVED

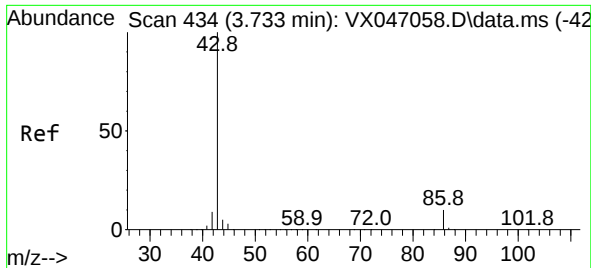
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#22
Diisopropyl ether
Concen: 97.342 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion: 45 Resp: 1246566
Ion Ratio Lower Upper
45 100
43 121.8 96.8 145.2
87 25.7 20.5 30.7
59 11.3 9.0 13.4





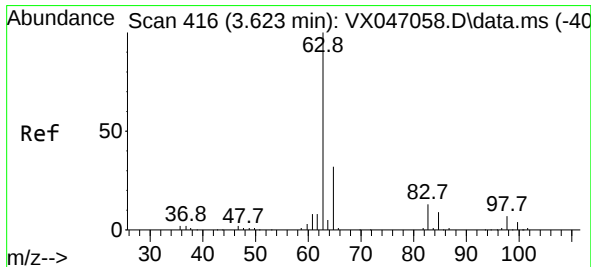
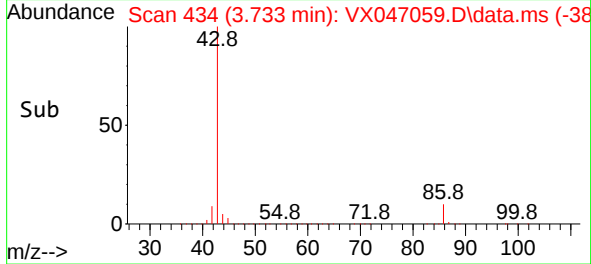
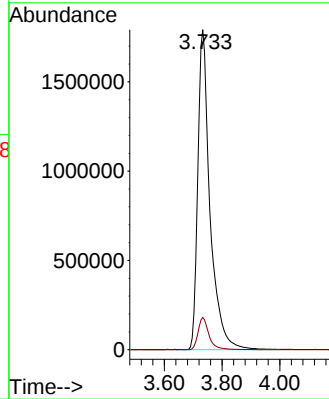
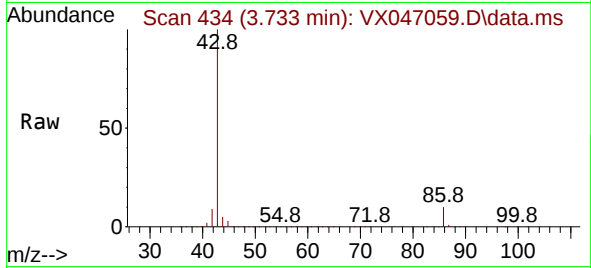
#23
 Vinyl Acetate
 Concen: 511.682 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047059.D
 Acq: 21 Jul 2025 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 5255654
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

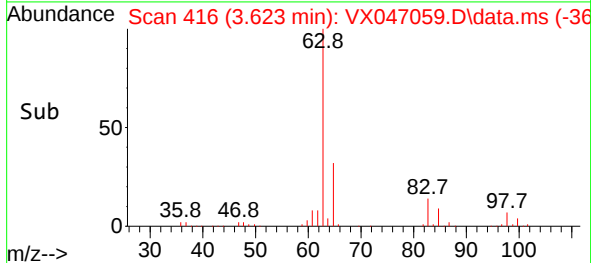
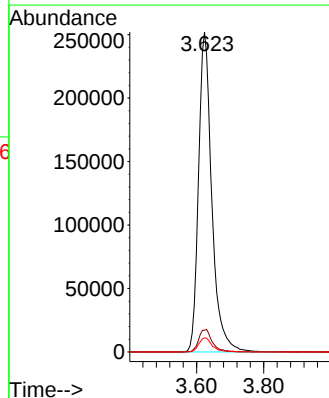
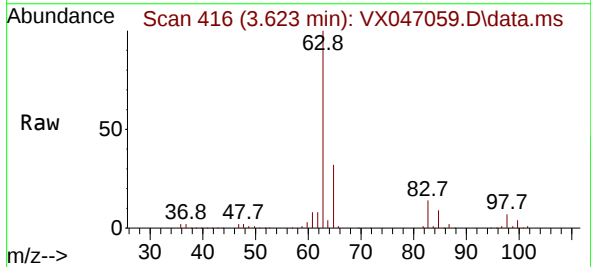
Manual Integrations
 APPROVED

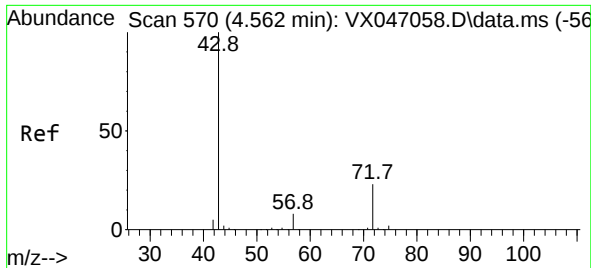
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#24
 1,1-Dichloroethane
 Concen: 96.903 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047059.D
 Acq: 21 Jul 2025 11:11

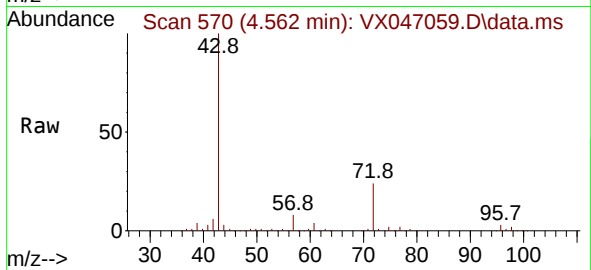
Tgt Ion: 63 Resp: 690059
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 499.825 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

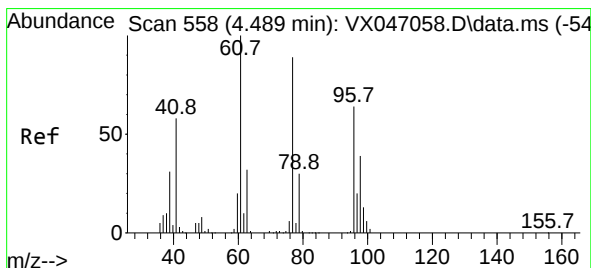
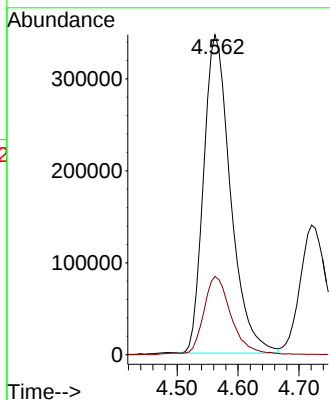
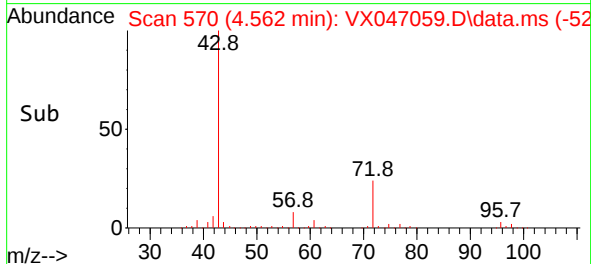
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1064894
Ion Ratio Lower Upper
43 100
72 24.2 18.8 28.2

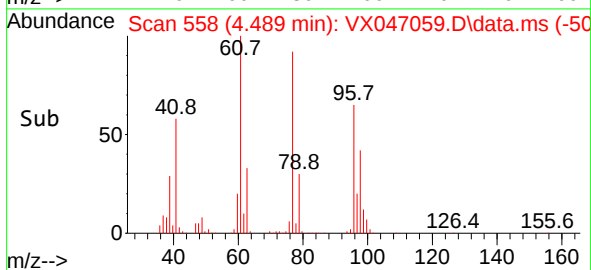
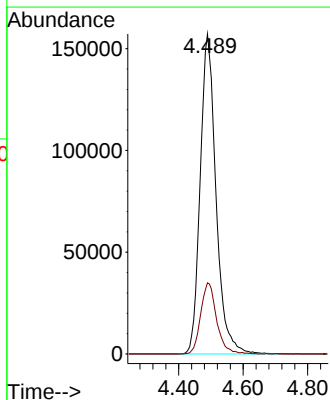
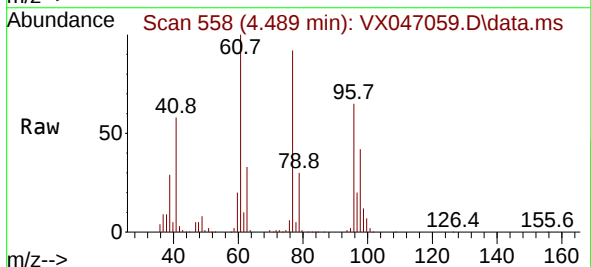
Manual Integrations
APPROVED

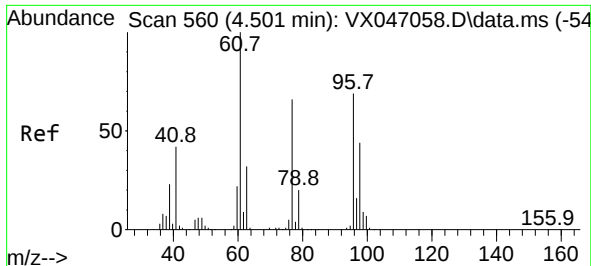
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#26
2,2-Dichloropropane
Concen: 96.986 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion: 77 Resp: 534633
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 97.026 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 433230

Ion Ratio Lower Upper

96 100

61 147.5 0.0 298.6

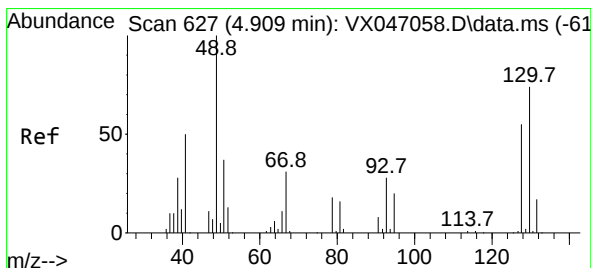
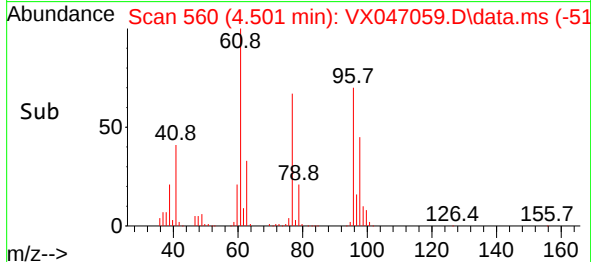
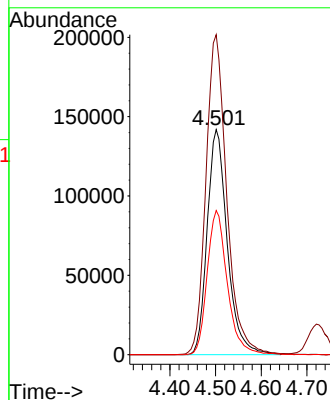
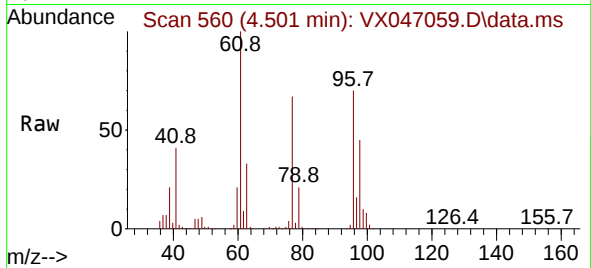
98 64.3 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#28

Bromochloromethane

Concen: 99.974 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

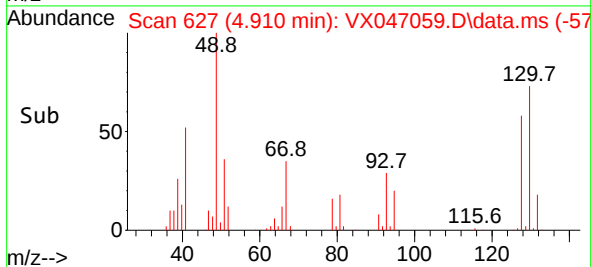
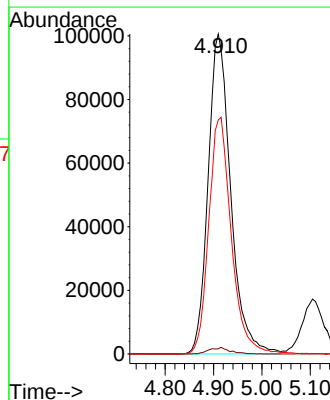
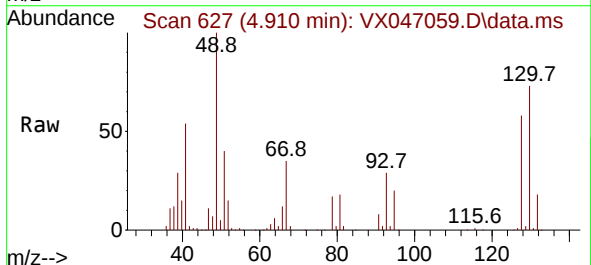
Tgt Ion: 49 Resp: 327531

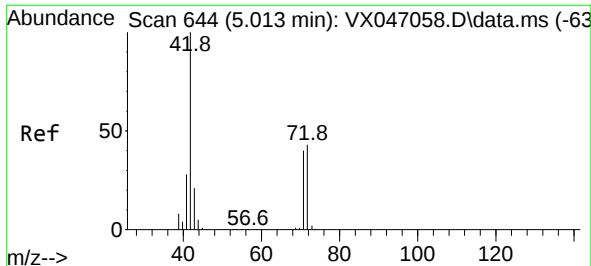
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 73.6 59.0 88.4





#29

Tetrahydrofuran

Concen: 506.702 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 696538

Ion Ratio Lower Upper

42 100

72 42.6 33.7 50.5

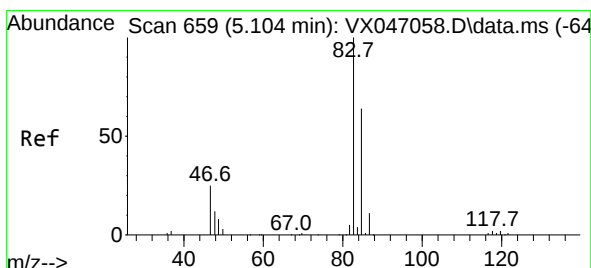
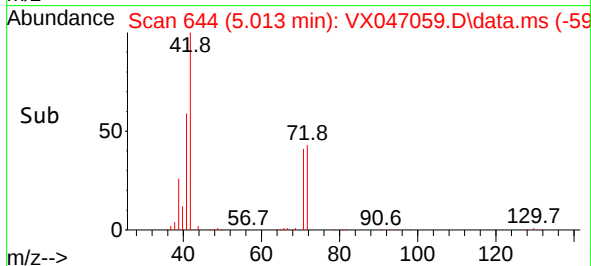
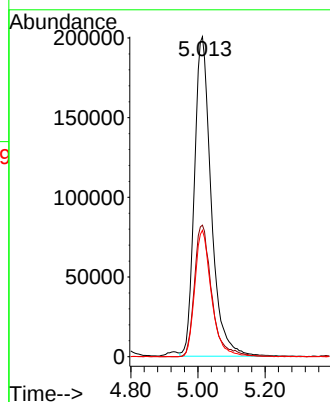
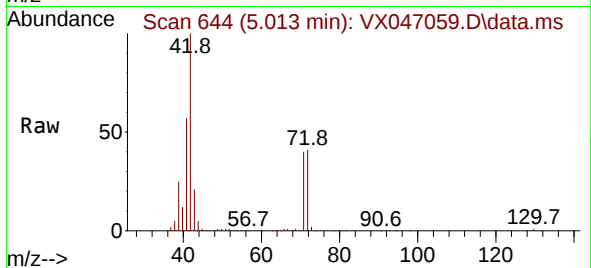
71 39.4 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#30

Chloroform

Concen: 95.036 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047059.D

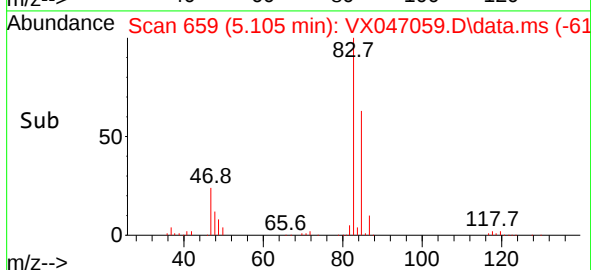
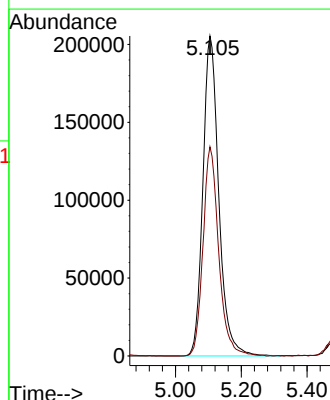
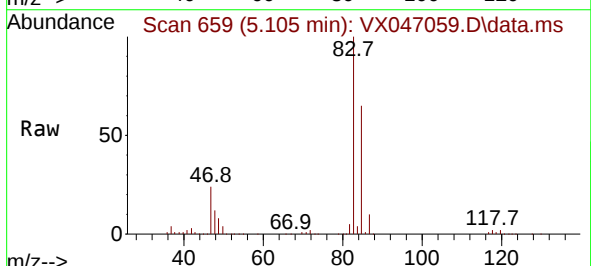
Acq: 21 Jul 2025 11:11

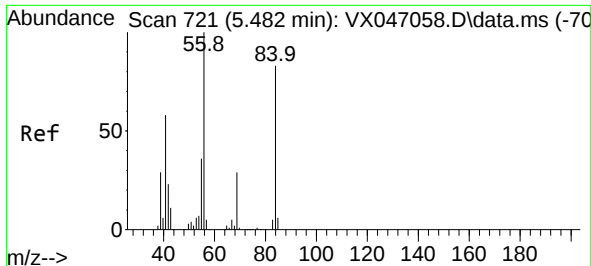
Tgt Ion: 83 Resp: 688904

Ion Ratio Lower Upper

83 100

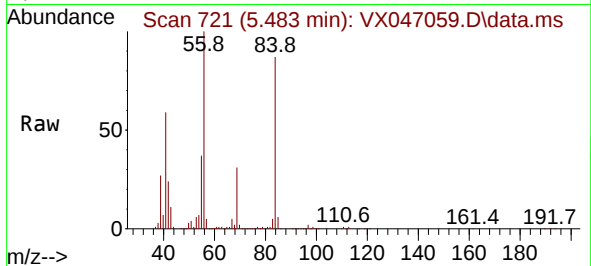
85 65.4 50.9 76.3





#31
Cyclohexane
Concen: 94.354 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

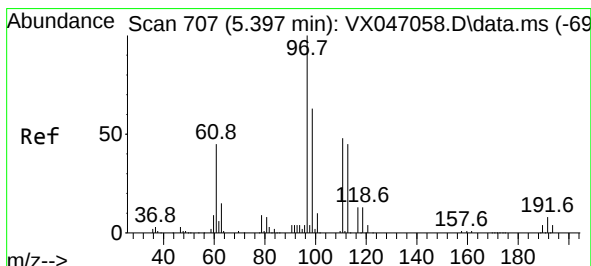
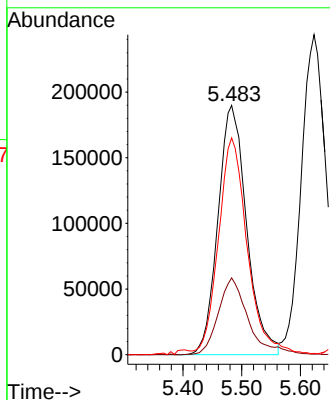
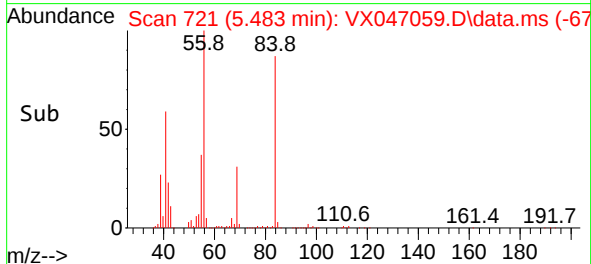
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 64425
Ion Ratio Lower Upper
56 100
69 30.4 23.3 34.9
84 85.3 66.5 99.7

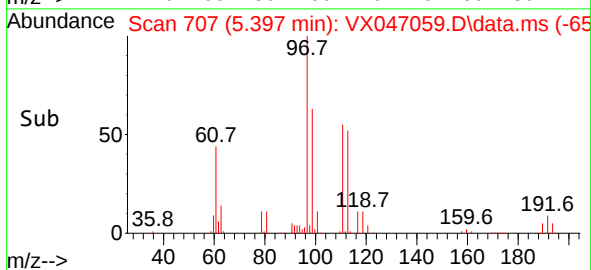
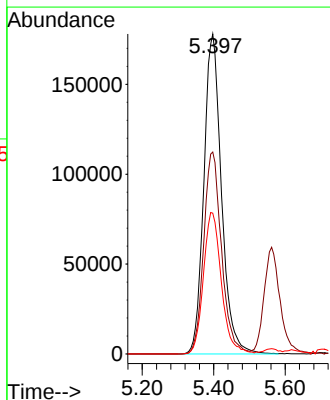
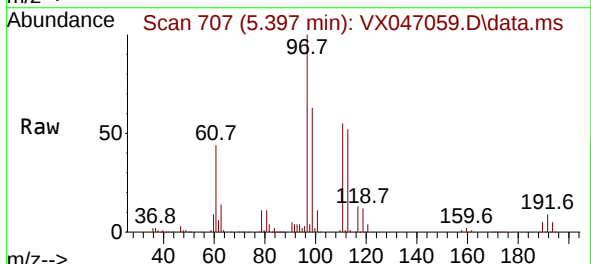
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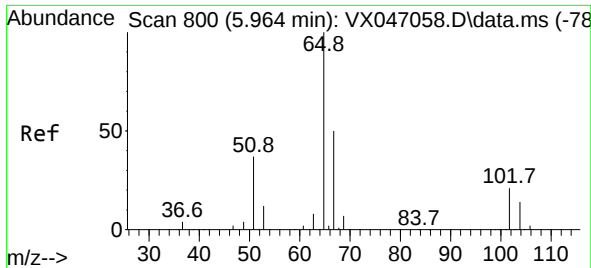
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#32
1,1,1-Trichloroethane
Concen: 96.931 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion: 97 Resp: 610295
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 45.1 37.1 55.7





#33
 1,2-Dichloroethane-d4
 Concen: 98.067 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047059.D
 Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

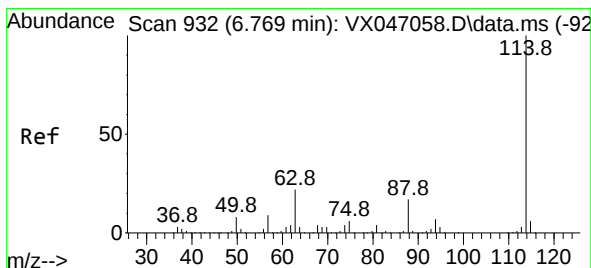
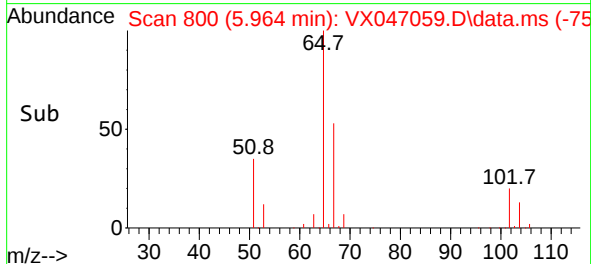
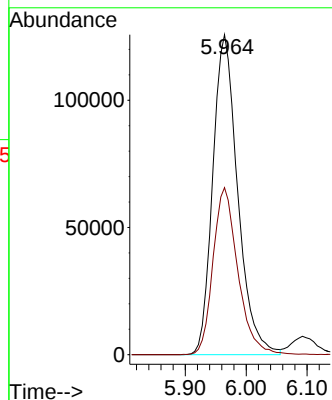
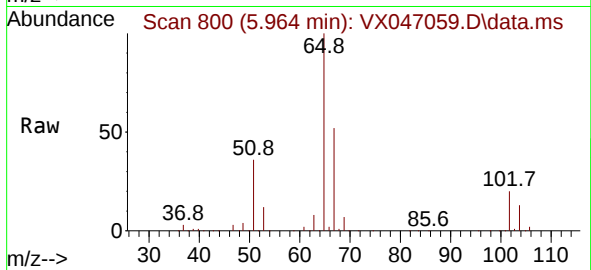
VSTDIC100

Tgt Ion: 65 Resp: 358189
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8

Manual Integrations

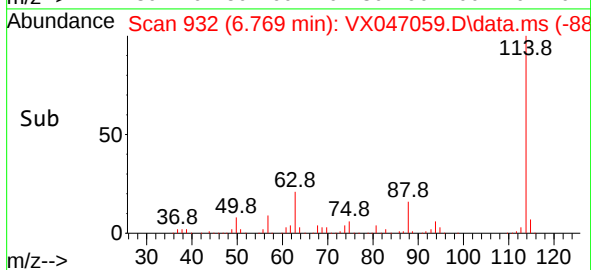
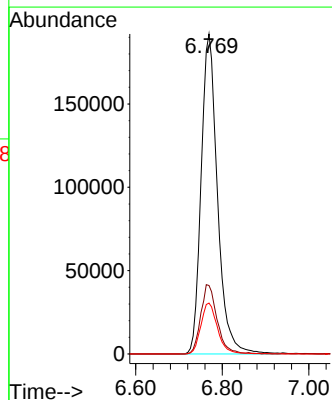
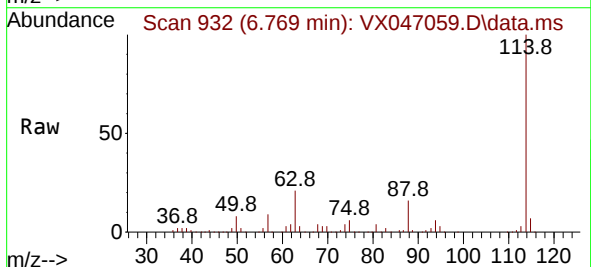
APPROVED

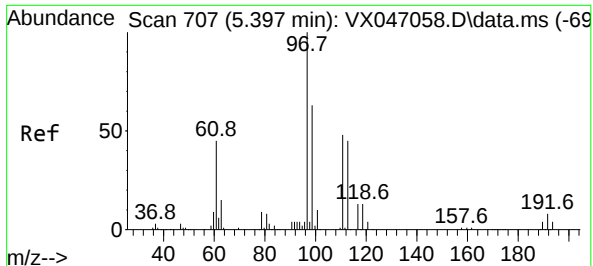
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047059.D
 Acq: 21 Jul 2025 11:11

Tgt Ion:114 Resp: 502636
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 15.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 97.981 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 30407

Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

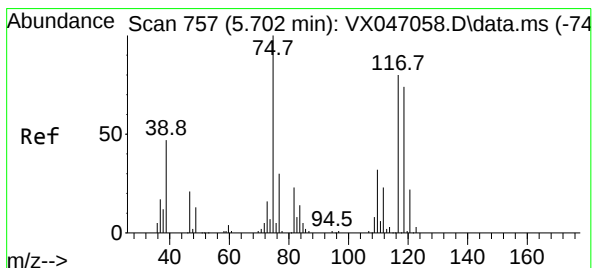
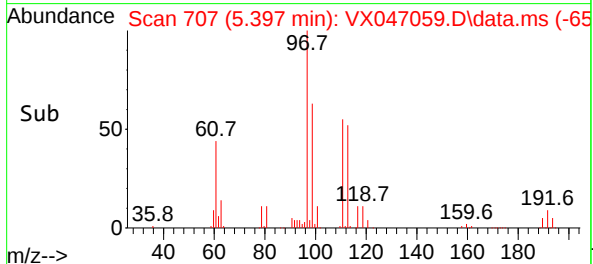
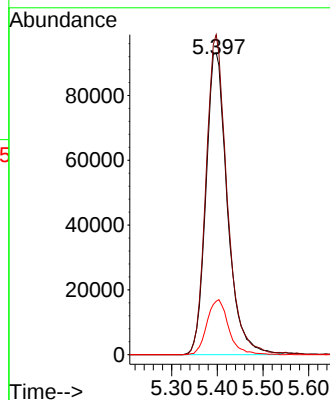
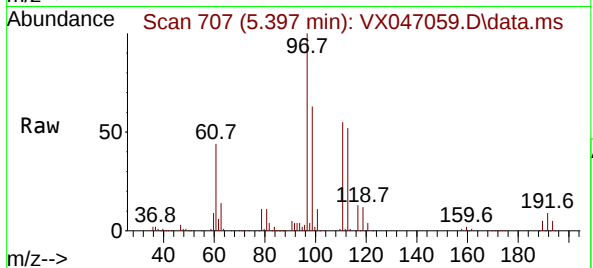
192 18.4 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#36

1,1-Dichloropropene

Concen: 92.052 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

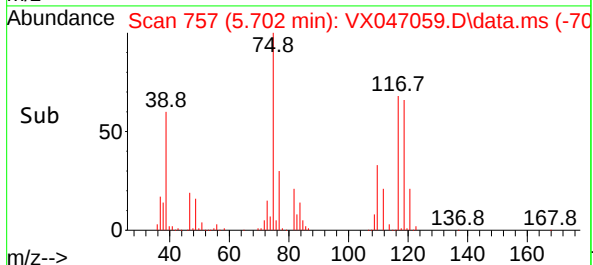
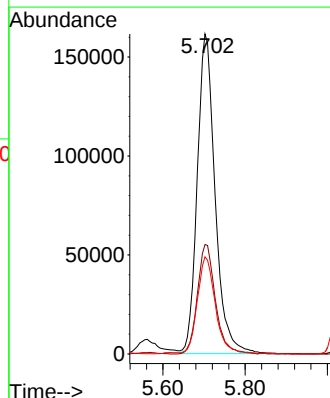
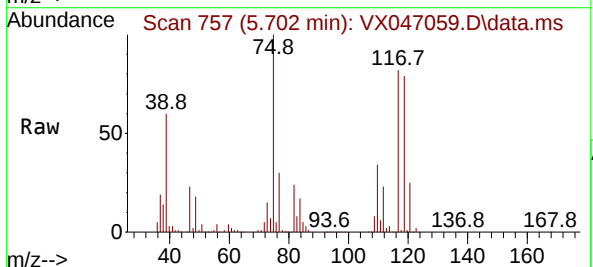
Tgt Ion: 75 Resp: 486962

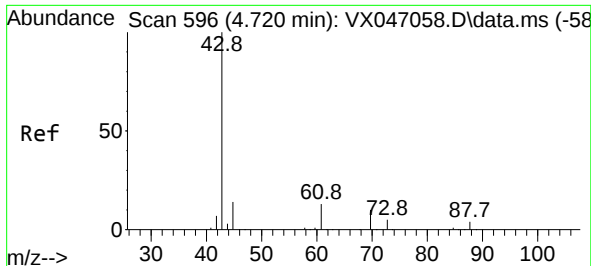
Ion Ratio Lower Upper

75 100

110 34.5 17.2 51.5

77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 99.573 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 464215

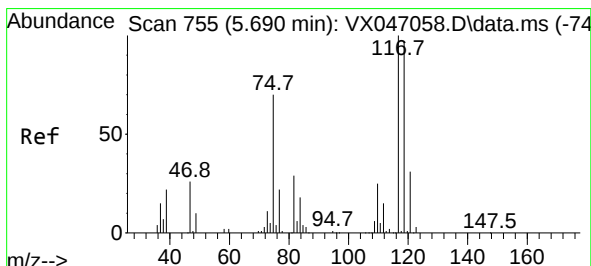
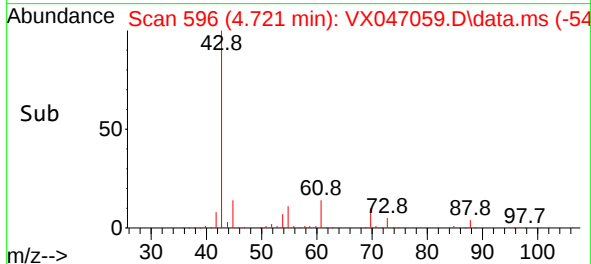
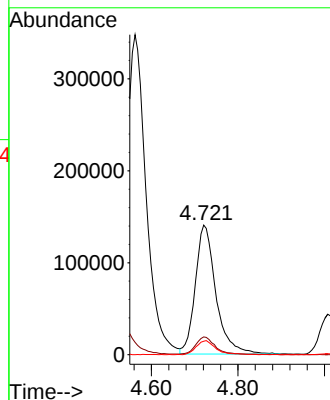
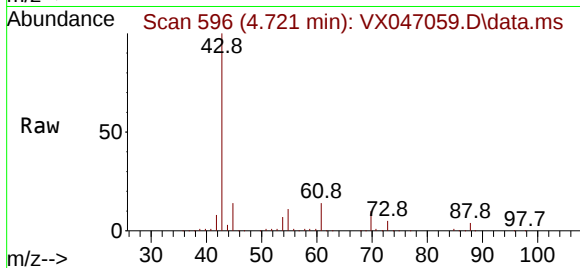
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.2
70	10.3	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#38

Carbon Tetrachloride

Concen: 94.597 ug/l

RT: 5.690 min Scan# 755

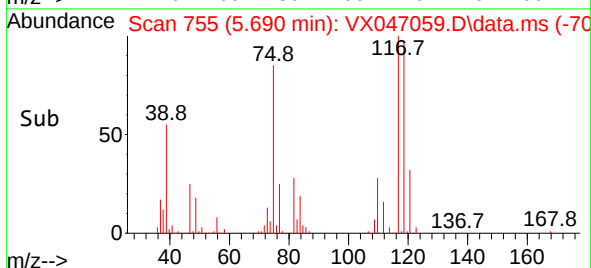
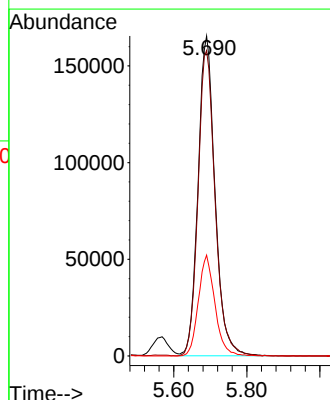
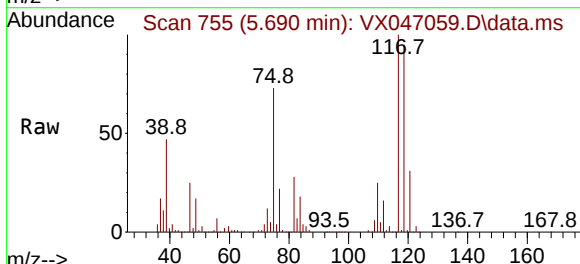
Delta R.T. 0.000 min

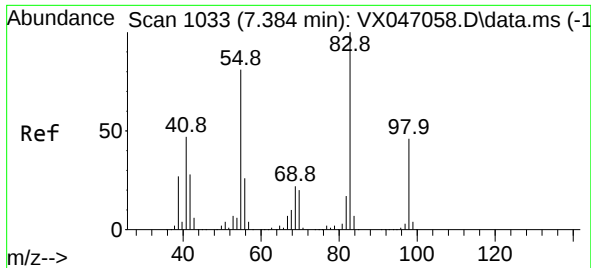
Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Tgt Ion: 117 Resp: 534117

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	115.0
121	31.5	24.4	36.6





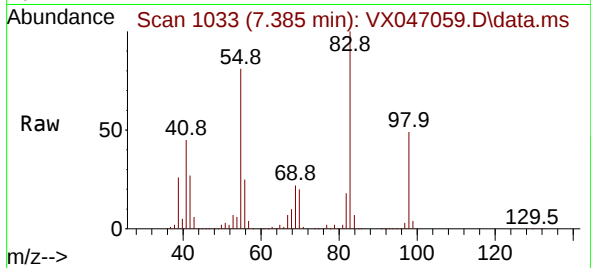
#39
Methylcyclohexane
Concen: 97.426 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



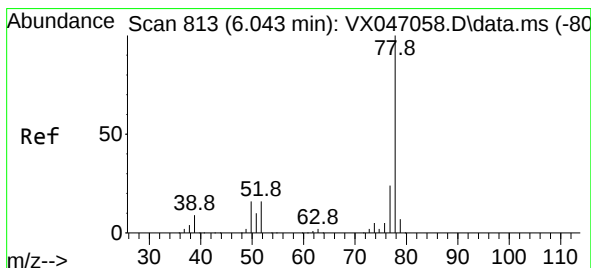
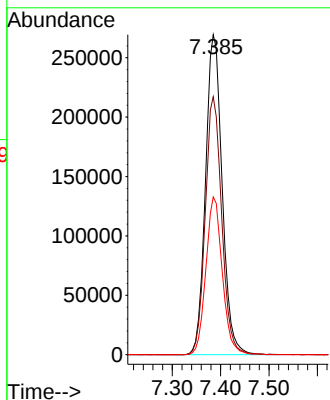
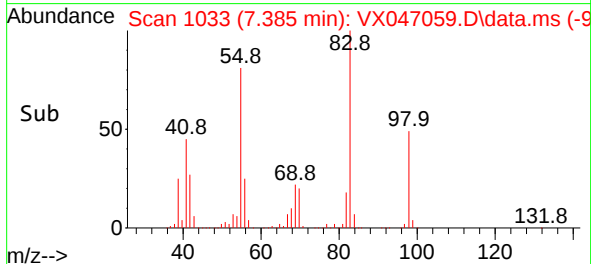
Tgt Ion: 83 Resp: 643495
Ion Ratio Lower Upper
83 100
55 80.6 64.5 96.7
98 49.3 36.9 55.3

Manual Integrations

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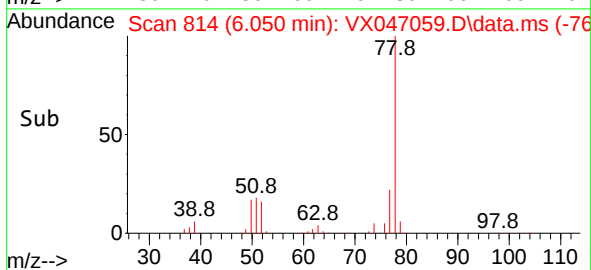
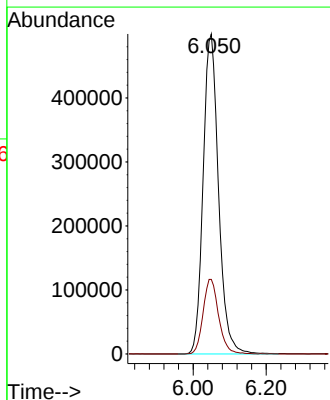
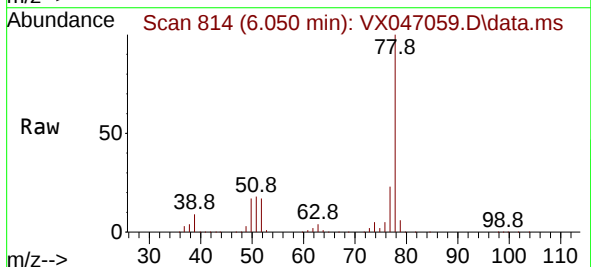
Reviewed By :John Carlone 07/22/2025

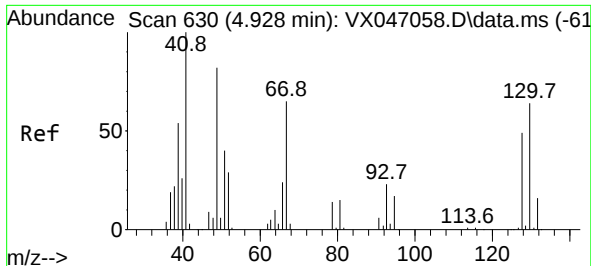
Supervised By :Mahesh Dadoda 07/22/2025



#40
Benzene
Concen: 95.282 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

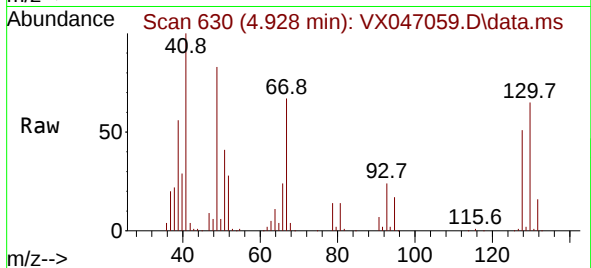
Tgt Ion: 78 Resp: 1458721
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#41
Methacrylonitrile
Concen: 104.648 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

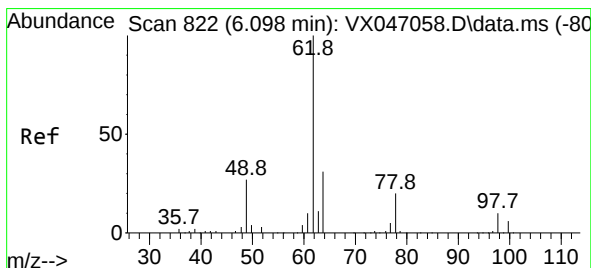
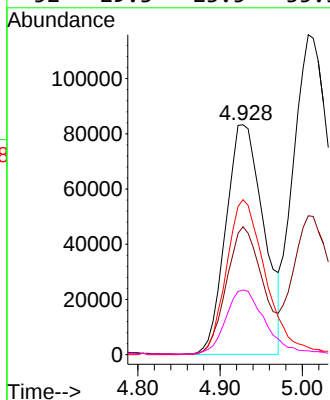
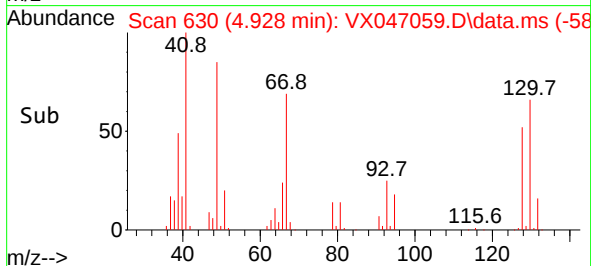
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 26672
Ion Ratio Lower Upper
41 100
39 53.6 44.2 66.2
67 71.1 56.4 84.6
52 29.3 23.5 35.3

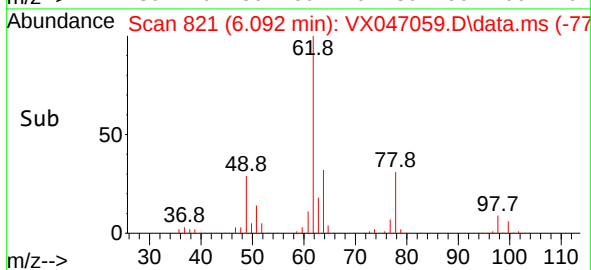
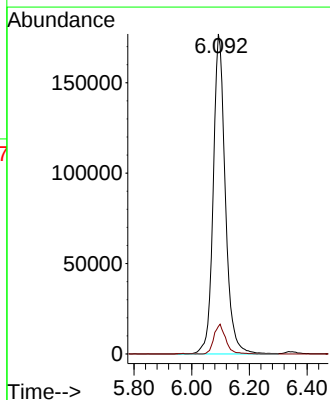
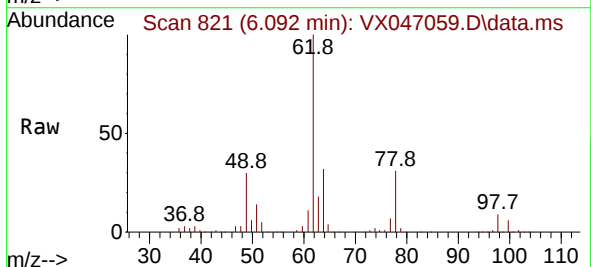
Manual Integrations
APPROVED

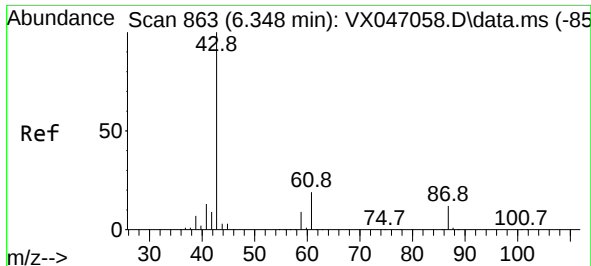
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#42
1,2-Dichloroethane
Concen: 95.493 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion: 62 Resp: 514986
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.8





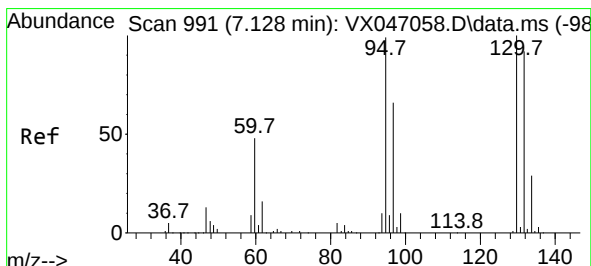
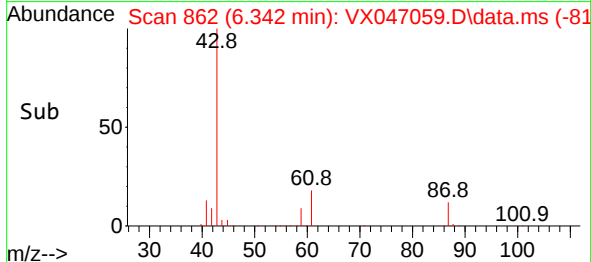
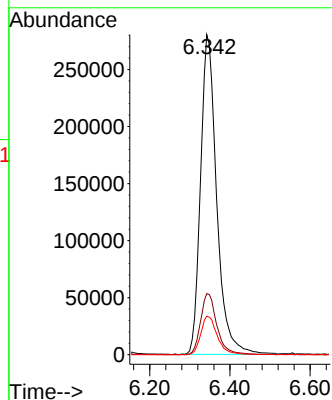
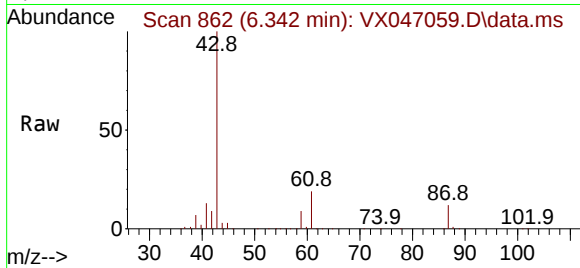
#43
Isopropyl Acetate
Concen: 103.002 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 78274
Ion Ratio Lower Upper
43 100
61 19.3 15.1 22.7
87 12.3 9.7 14.5

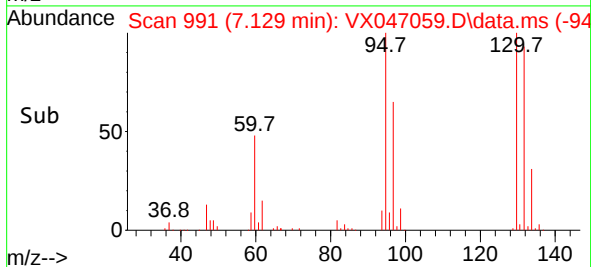
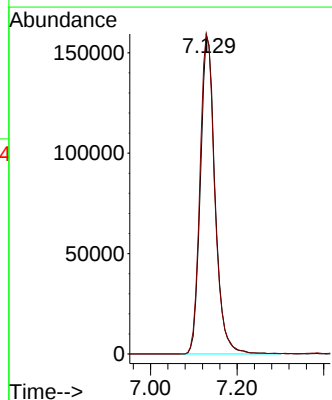
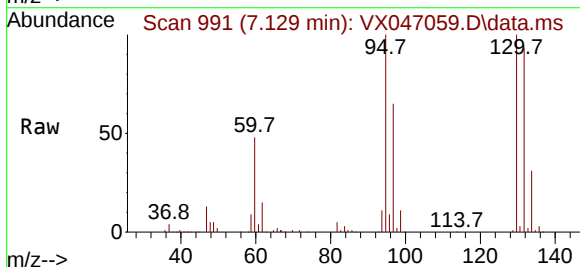
Manual Integrations
APPROVED

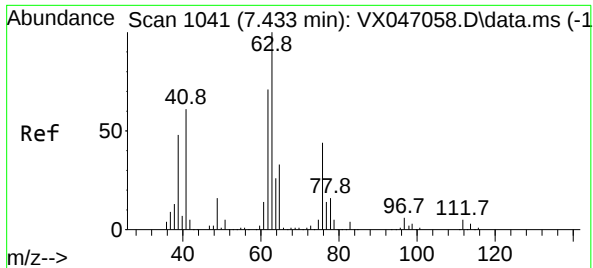
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#44
Trichloroethene
Concen: 94.887 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

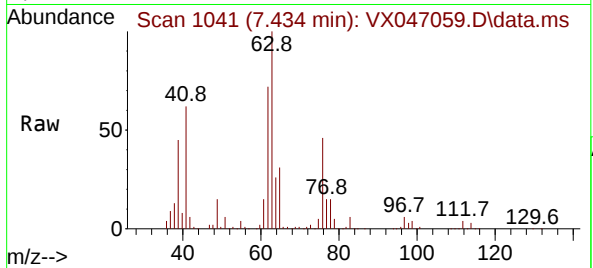
Tgt Ion:130 Resp: 372515
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.6





#45
1,2-Dichloropropane
Concen: 95.131 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

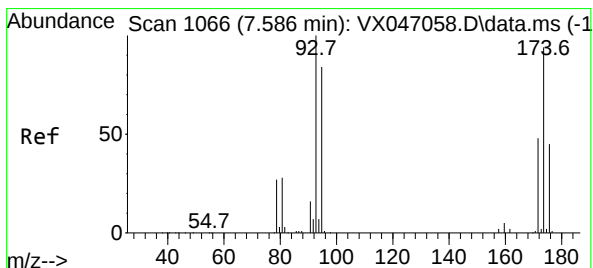
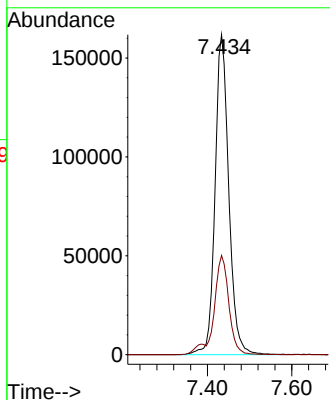
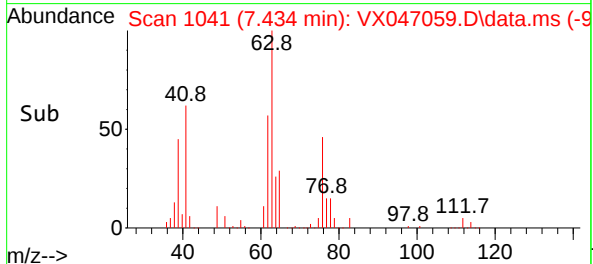
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



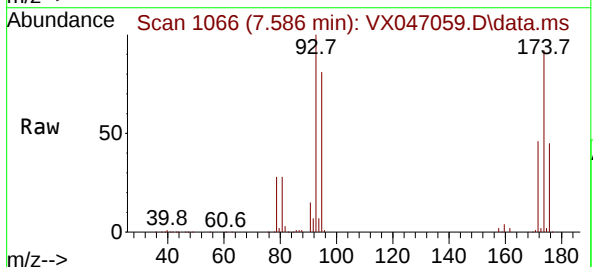
Tgt Ion: 63 Resp: 364769
Ion Ratio Lower Upper
63 100
65 31.0 26.3 39.5

Manual Integrations
APPROVED

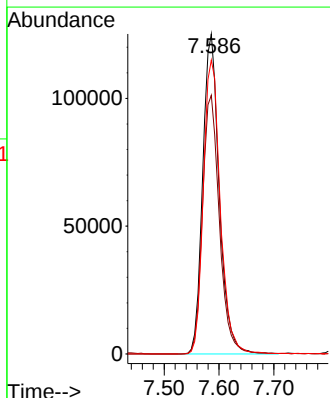
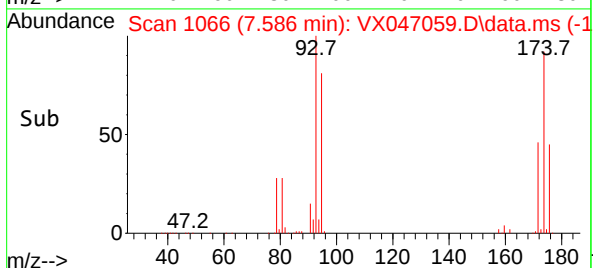
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

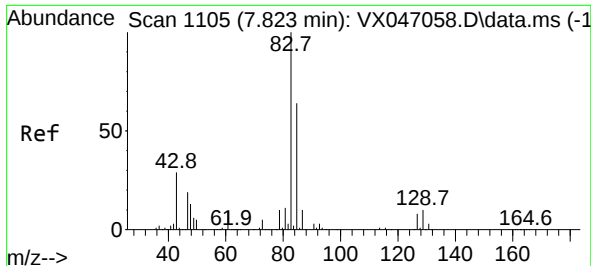


#46
Dibromomethane
Concen: 97.464 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



Tgt Ion: 93 Resp: 262070
Ion Ratio Lower Upper
93 100
95 82.5 65.9 98.9
174 94.1 74.6 112.0





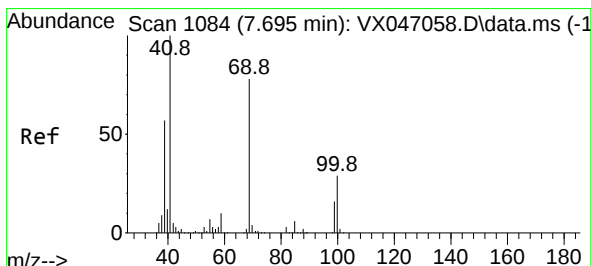
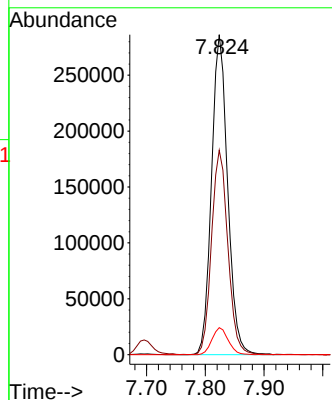
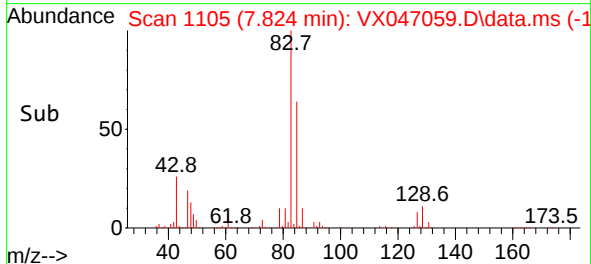
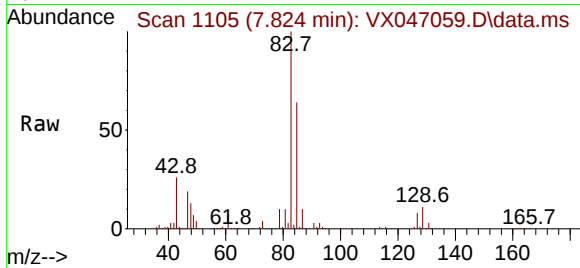
#47
Bromodichloromethane
Concen: 95.349 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 545715
Ion Ratio Lower Upper
83 100
85 63.9 49.9 74.9
127 8.4 6.6 10.0

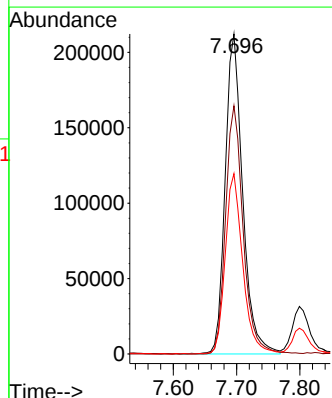
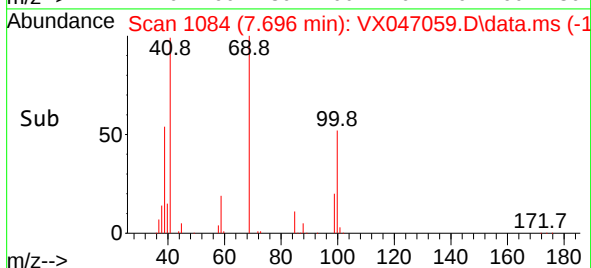
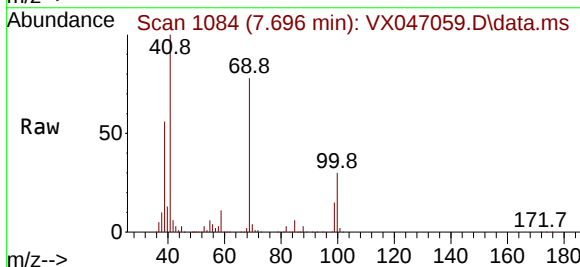
Manual Integrations
APPROVED

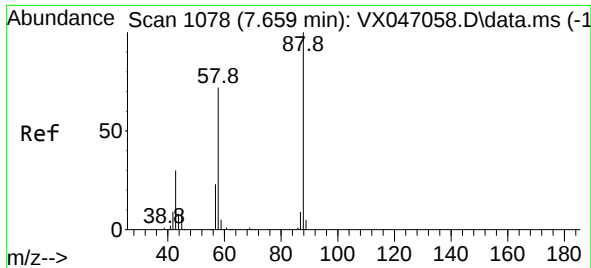
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#48
Methyl methacrylate
Concen: 98.210 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

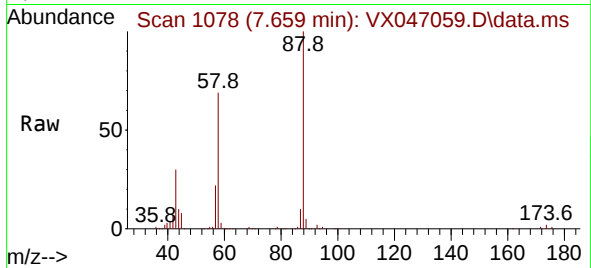
Tgt Ion: 41 Resp: 406578
Ion Ratio Lower Upper
41 100
69 77.9 62.3 93.5
39 56.4 44.8 67.2





#49
1,4-Dioxane
Concen: 2074.633 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

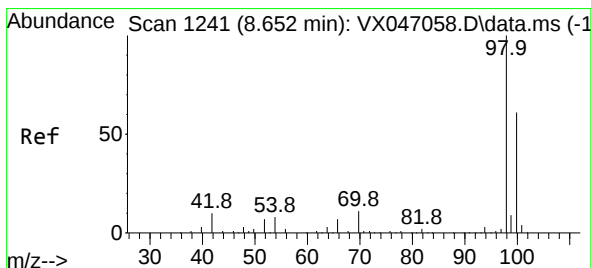
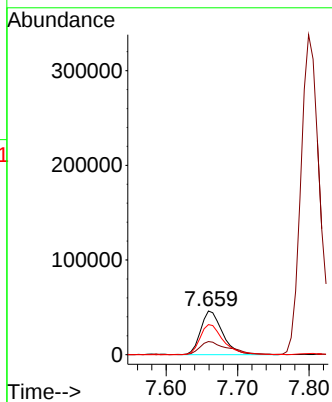
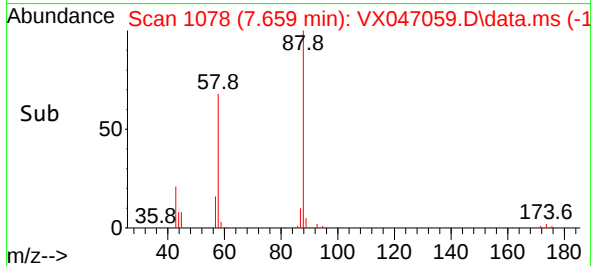
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 97685
Ion Ratio Lower Upper
88 100
43 39.0 33.6 50.4
58 73.2 58.8 88.2

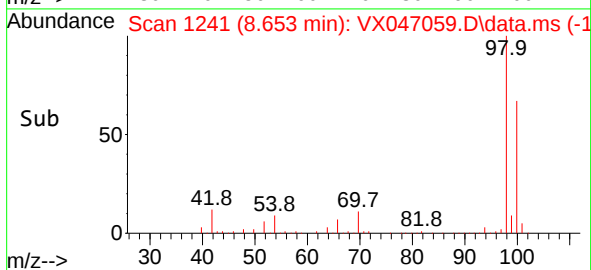
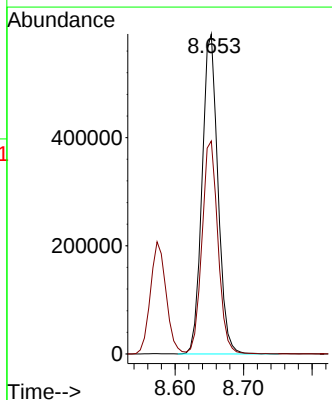
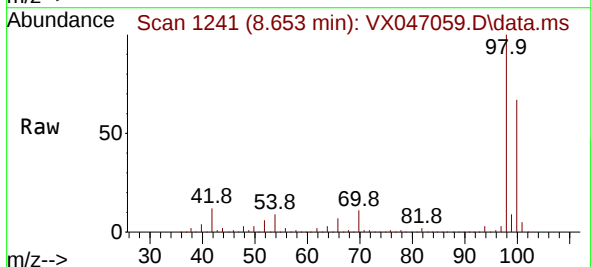
Manual Integrations
APPROVED

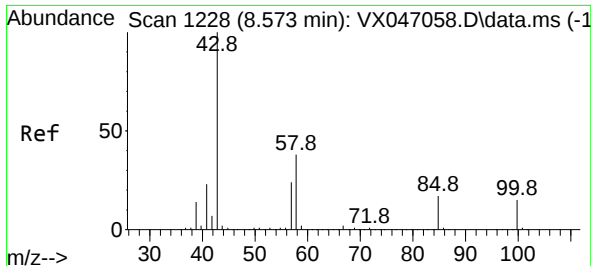
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#50
Toluene-d8
Concen: 94.642 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion: 98 Resp: 951189
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9





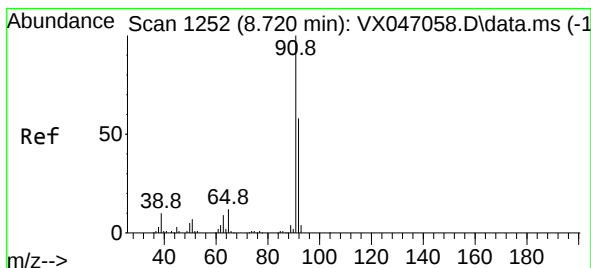
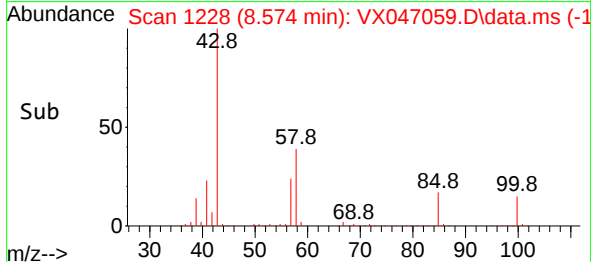
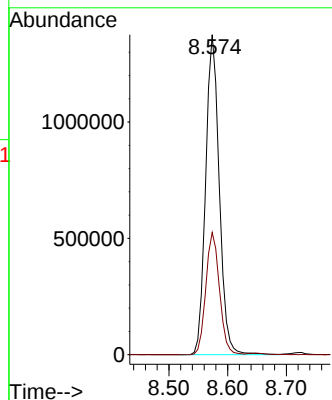
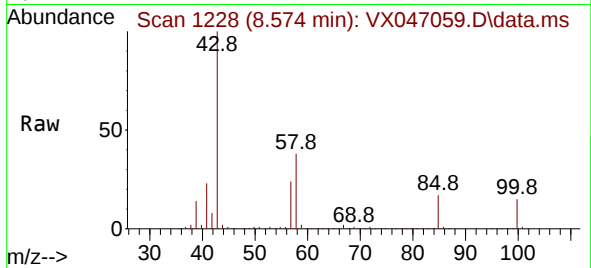
#51
4-Methyl-2-Pentanone
Concen: 490.000 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 221329
Ion Ratio Lower Upper
43 100
58 38.3 30.6 45.8

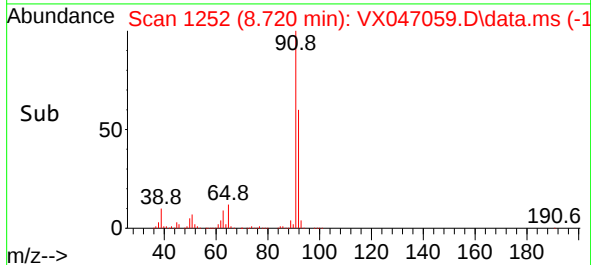
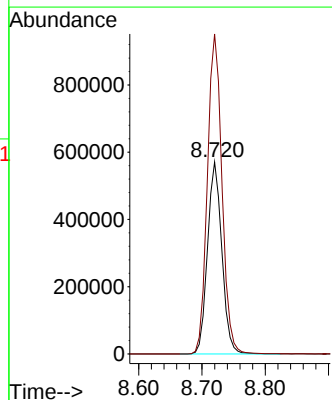
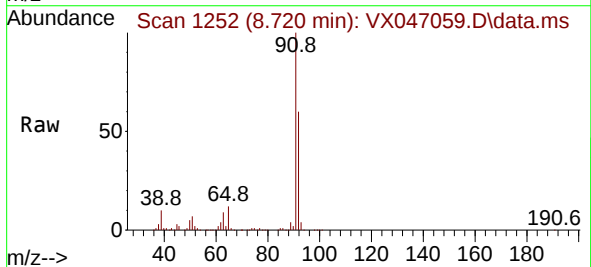
Manual Integrations
APPROVED

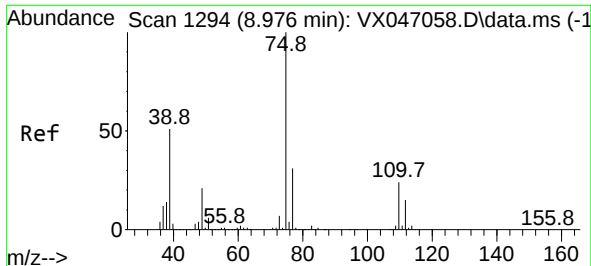
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#52
Toluene
Concen: 95.648 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

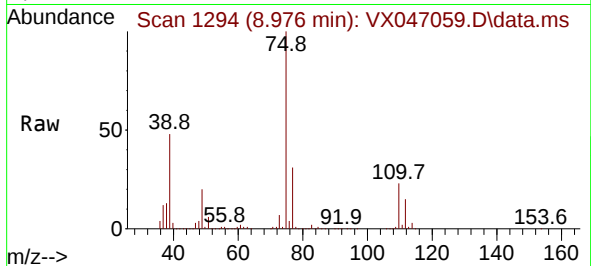
Tgt Ion: 92 Resp: 900379
Ion Ratio Lower Upper
92 100
91 169.7 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 101.846 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

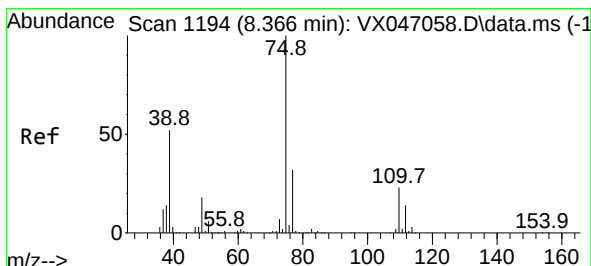
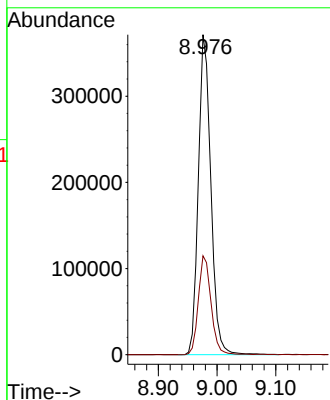
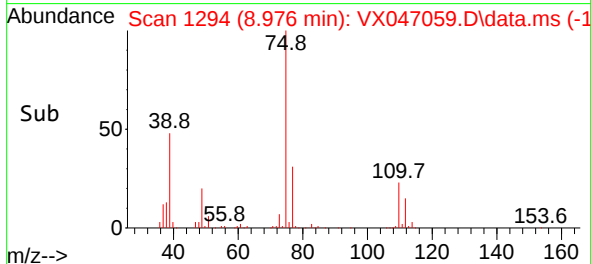
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



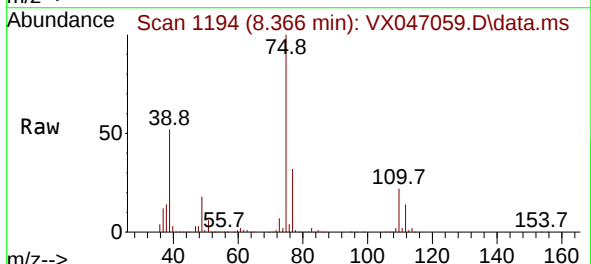
Tgt Ion: 75 Resp: 550438
Ion Ratio Lower Upper
75 100
77 30.9 24.5 36.7

Manual Integrations
APPROVED

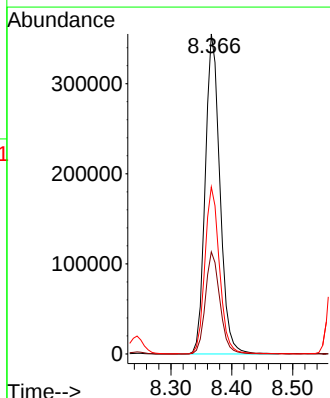
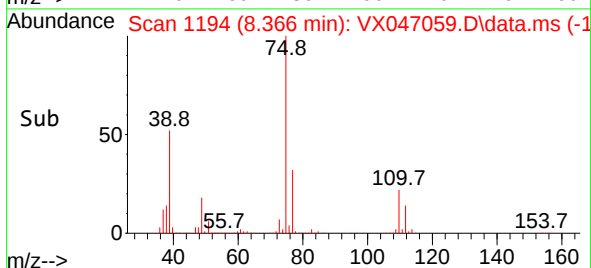
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

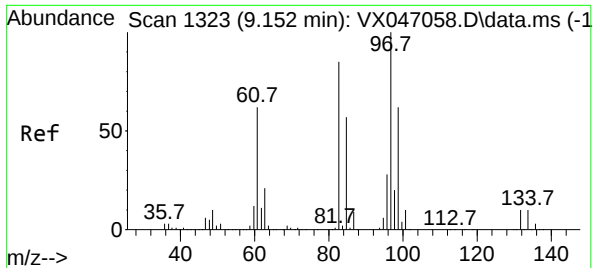


#54
cis-1,3-Dichloropropene
Concen: 100.700 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



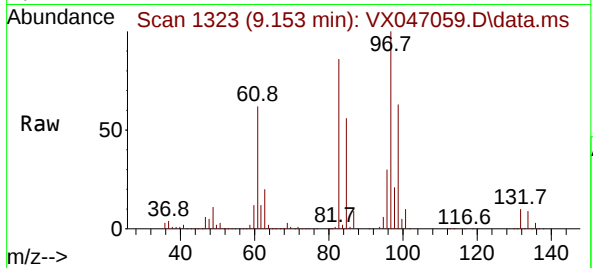
Tgt Ion: 75 Resp: 595662
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 52.1 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 94.482 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

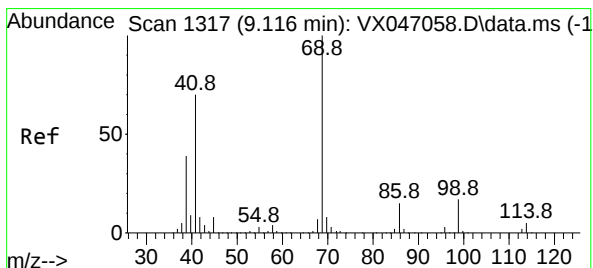
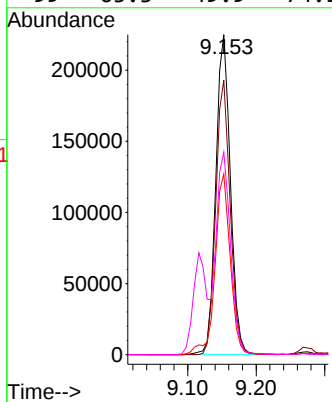
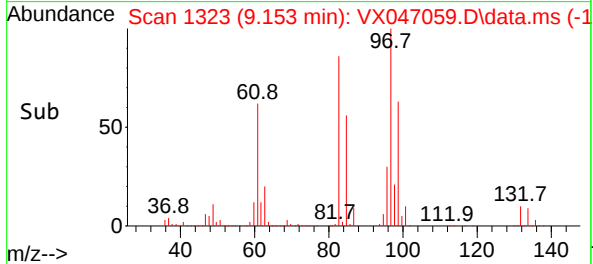
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



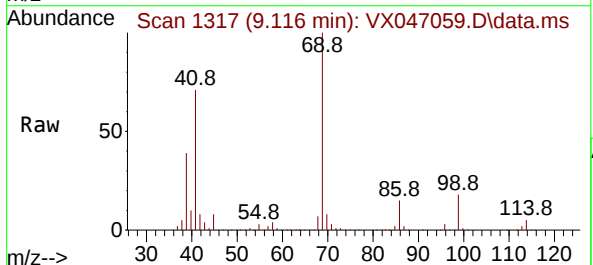
Tgt Ion: 97 Resp: 333552
Ion Ratio Lower Upper
97 100
83 85.8 68.0 102.0
85 56.5 45.2 67.8
99 63.3 49.9 74.9

Manual Integrations
APPROVED

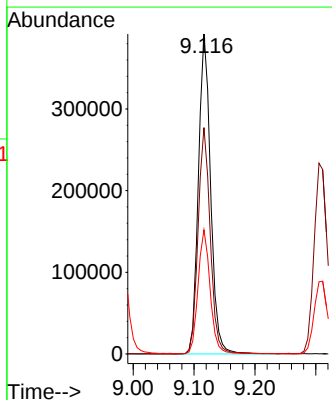
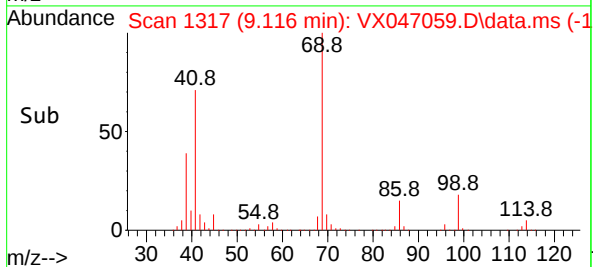
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

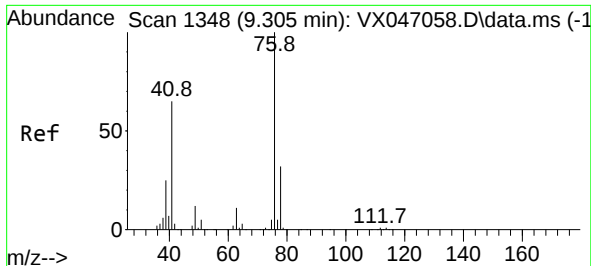


#56
Ethyl methacrylate
Concen: 104.649 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



Tgt Ion: 69 Resp: 546929
Ion Ratio Lower Upper
69 100
41 70.7 56.1 84.1
39 38.2 31.1 46.7





#57

1,3-Dichloropropane

Concen: 94.454 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 57952

Ion Ratio Lower Upper

76 100

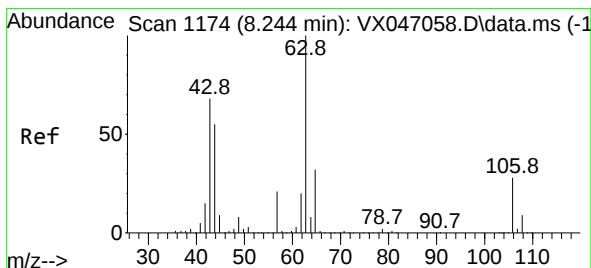
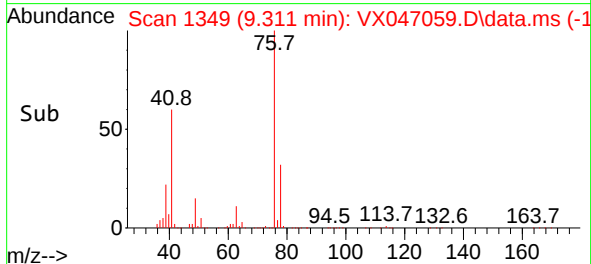
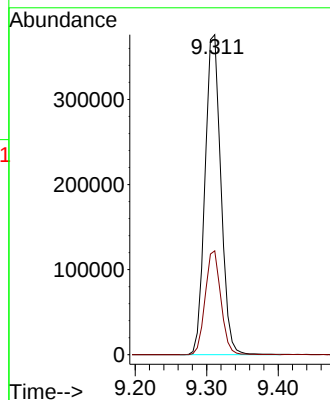
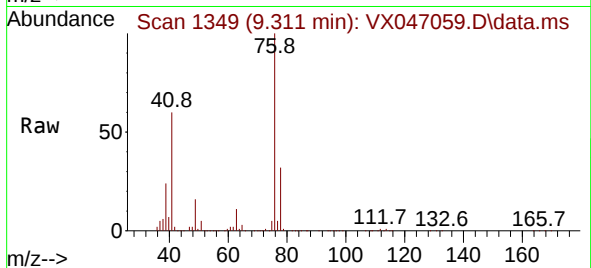
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 512.296 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047059.D

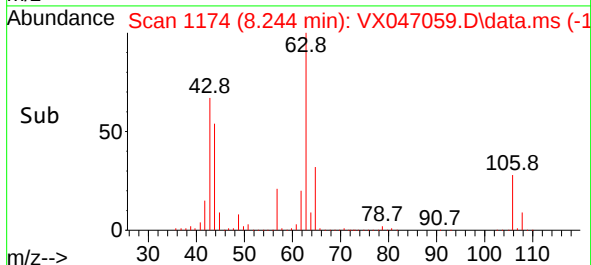
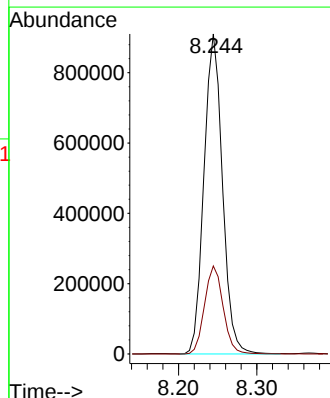
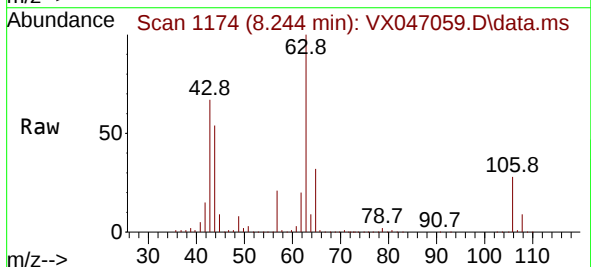
Acq: 21 Jul 2025 11:11

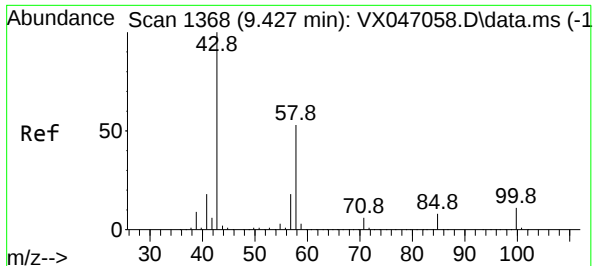
Tgt Ion: 63 Resp: 1489901

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.4





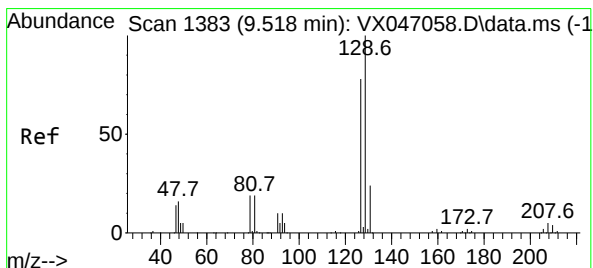
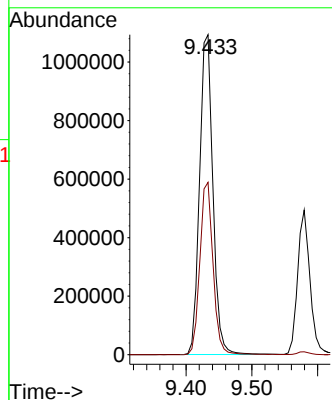
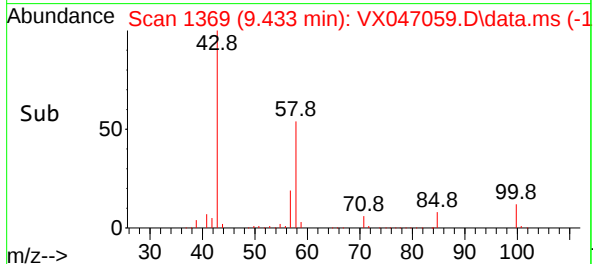
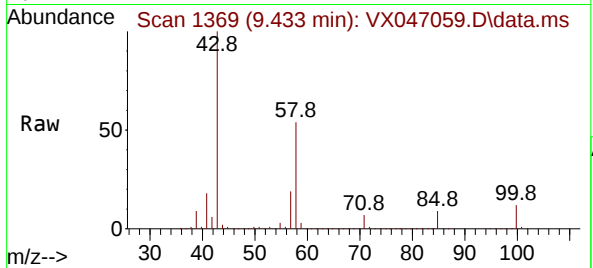
#59
2-Hexanone
Concen: 514.162 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1534390
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.5

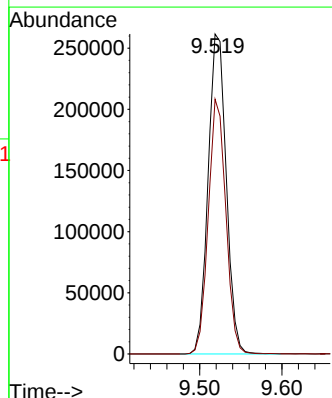
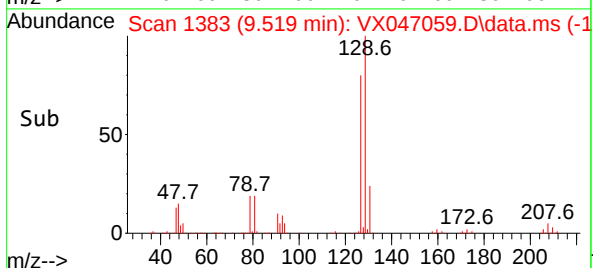
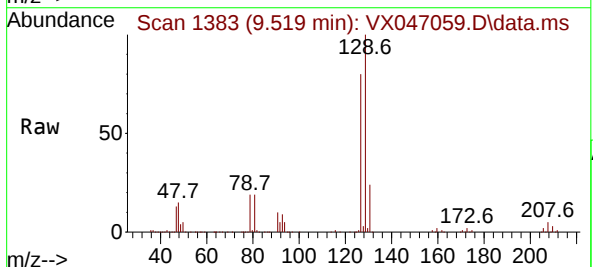
Manual Integrations
APPROVED

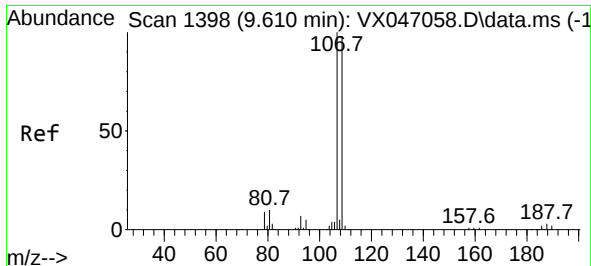
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#60
Dibromochloromethane
Concen: 96.718 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

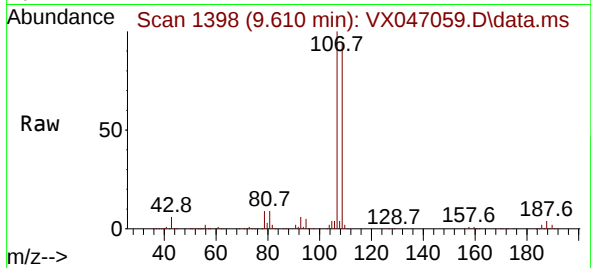
Tgt Ion:129 Resp: 400453
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 94.909 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

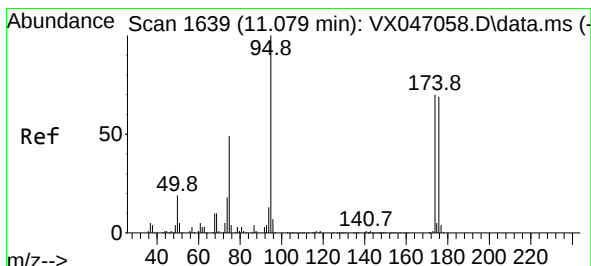
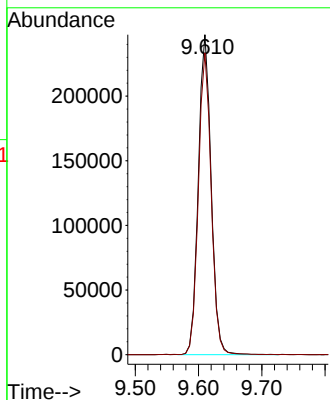
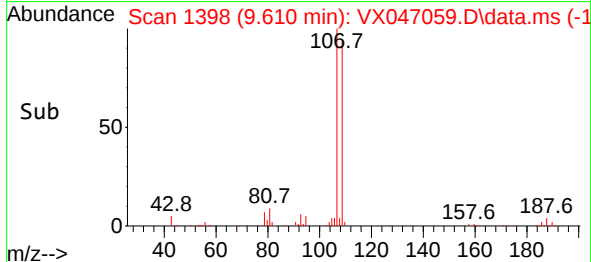
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



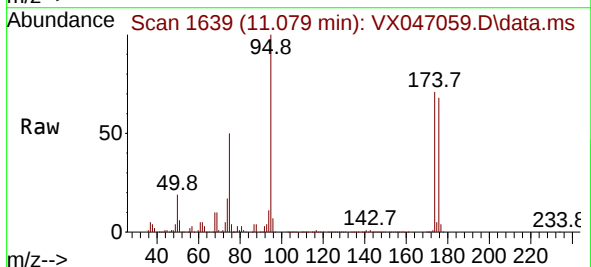
Tgt Ion:107 Resp: 350348
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0

Manual Integrations
APPROVED

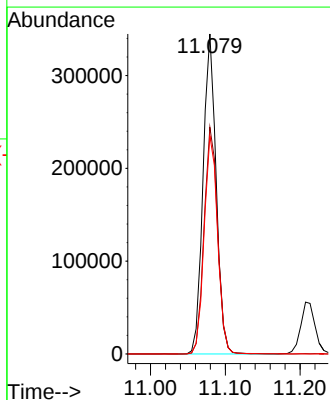
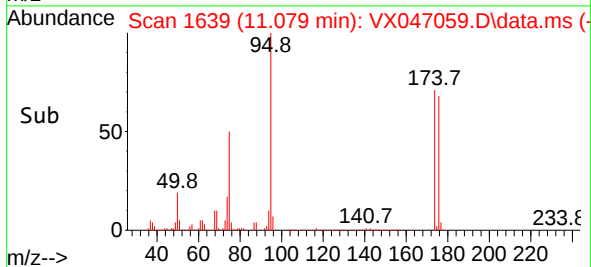
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

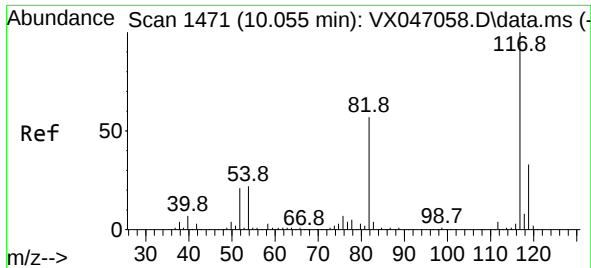


#62
4-Bromofluorobenzene
Concen: 96.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



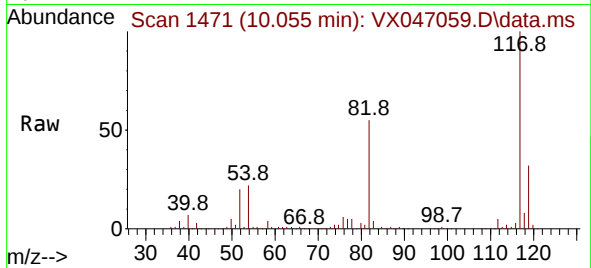
Tgt Ion: 95 Resp: 418790
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.6
176 70.3 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

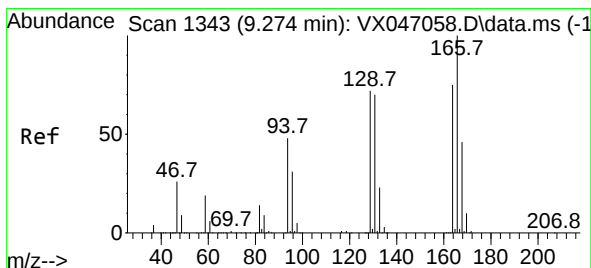
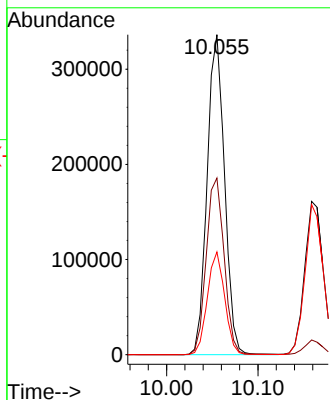
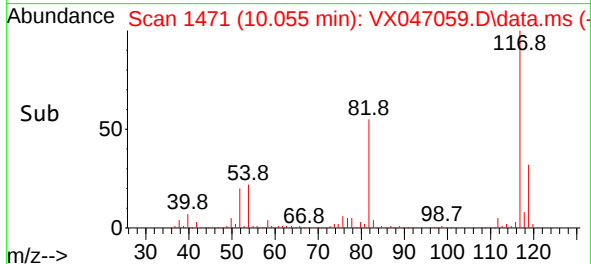
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 443709
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.1 26.1 39.1

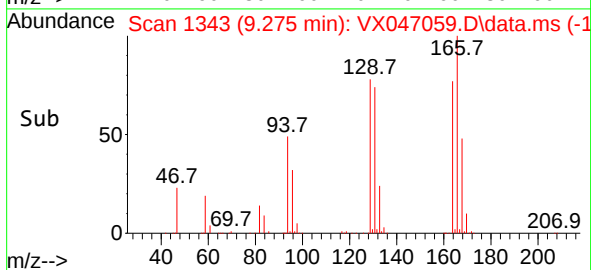
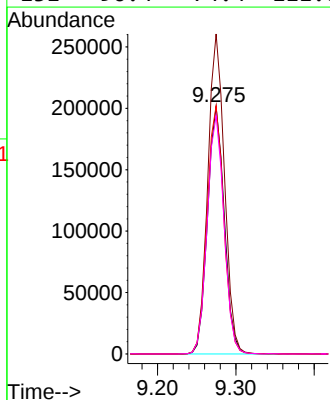
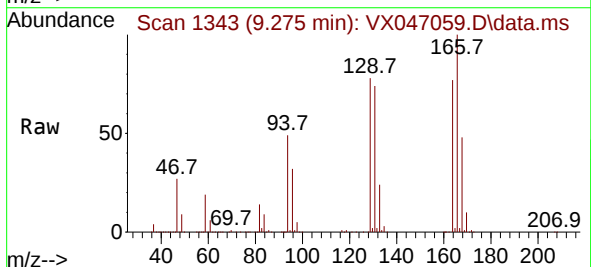
Manual Integrations
APPROVED

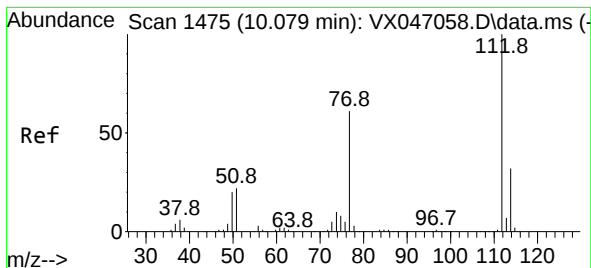
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#64
Tetrachloroethene
Concen: 93.490 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion:164 Resp: 299042
Ion Ratio Lower Upper
164 100
166 129.5 106.2 159.4
129 100.5 76.6 114.8
131 96.4 74.4 111.6





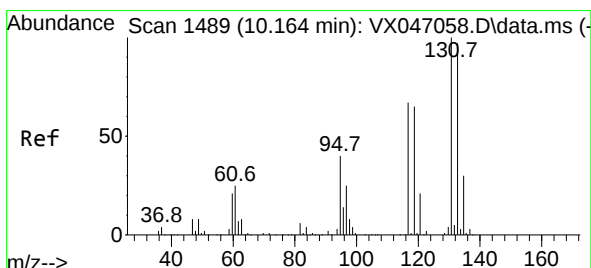
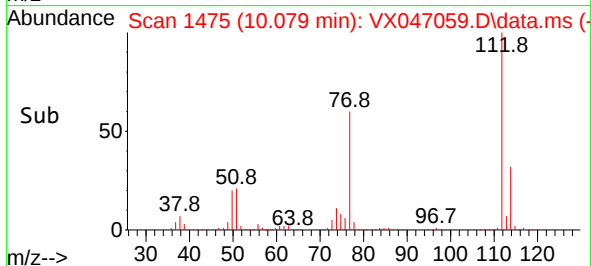
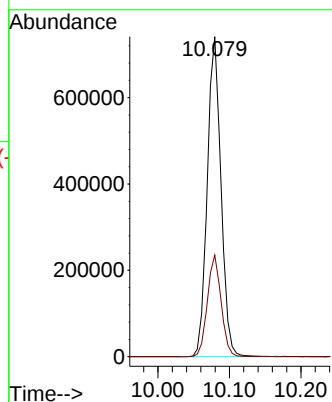
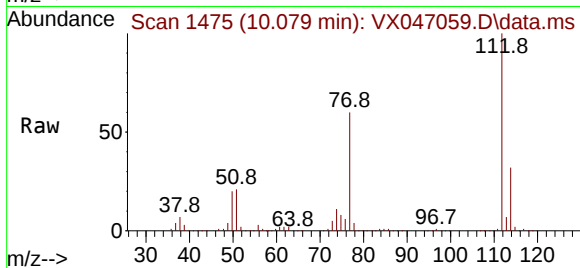
#65
Chlorobenzene
Concen: 95.134 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 98888
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

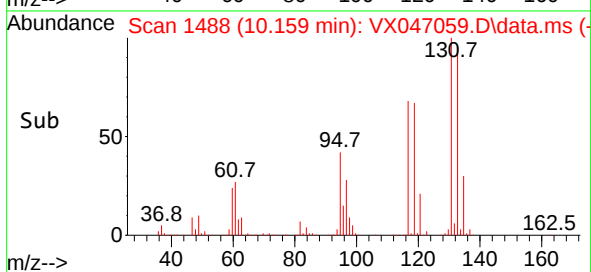
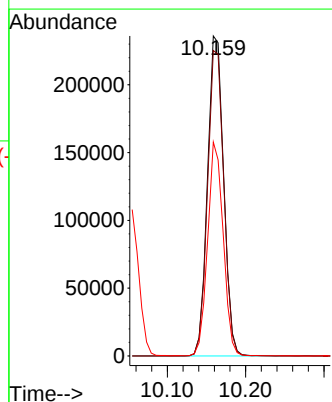
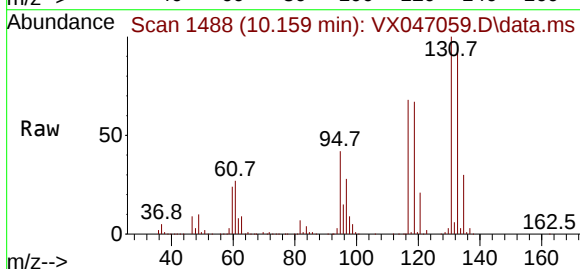
Manual Integrations
APPROVED

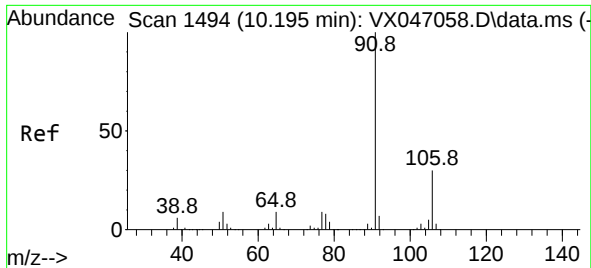
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 96.621 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

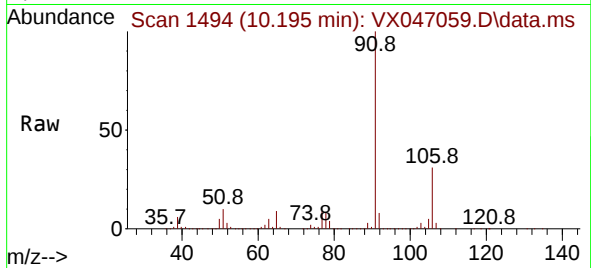
Tgt Ion:131 Resp: 338141
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.3
119 64.2 32.4 97.0





#67
Ethyl Benzene
Concen: 96.425 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

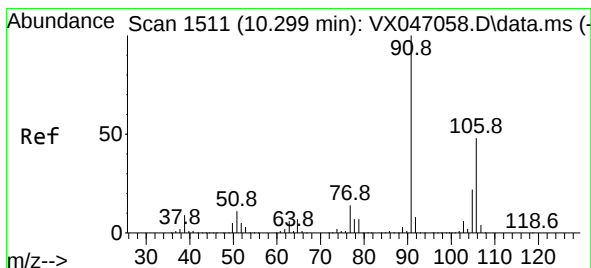
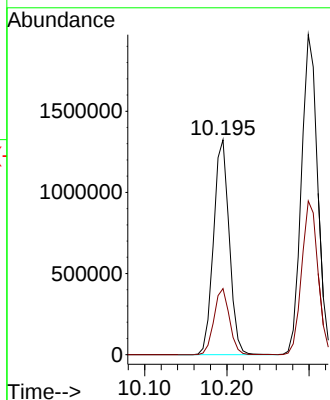
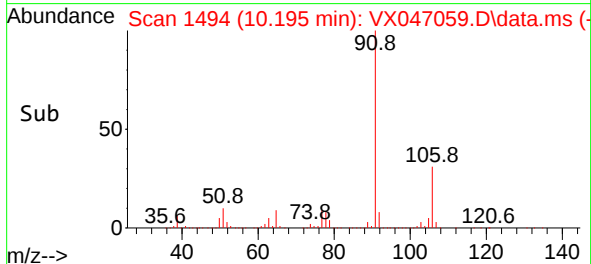
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



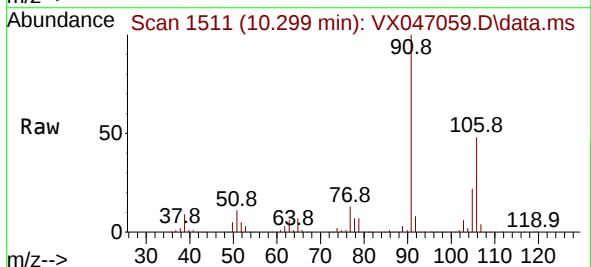
Tgt Ion: 91 Resp: 1752485
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

Manual Integrations
APPROVED

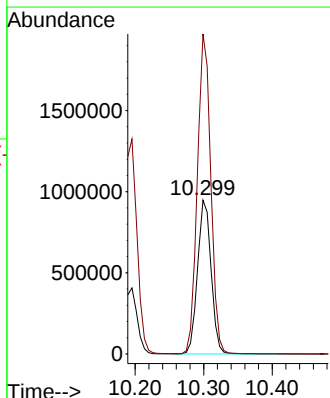
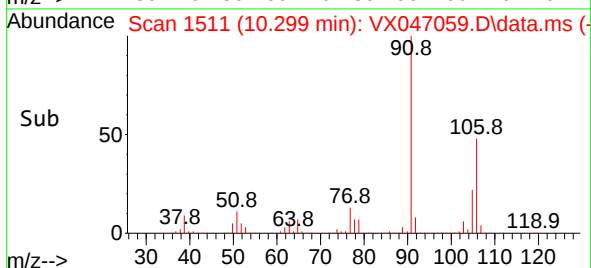
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

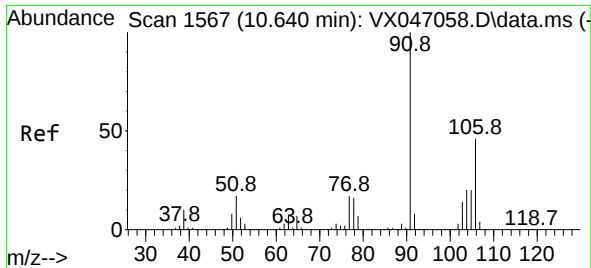


#68
m/p-Xylenes
Concen: 191.494 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



Tgt Ion:106 Resp: 1302405
Ion Ratio Lower Upper
106 100
91 206.9 167.4 251.0





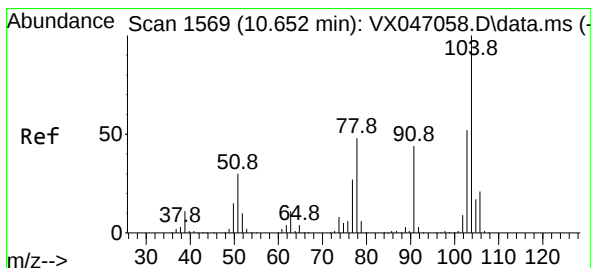
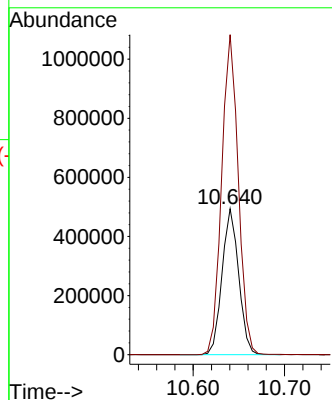
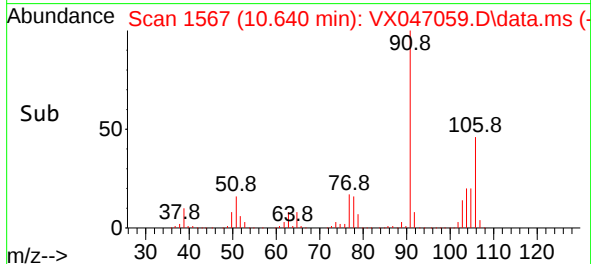
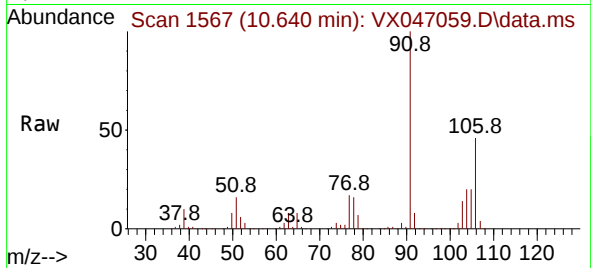
#69
o-Xylene
Concen: 96.565 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 624795
Ion Ratio Lower Upper
106 100
91 219.8 110.3 331.0

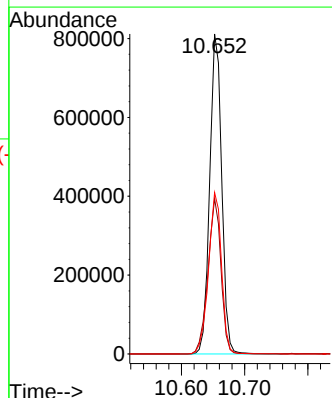
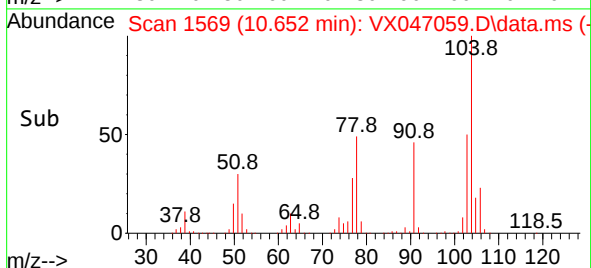
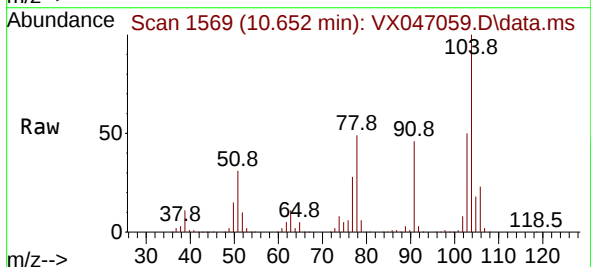
Manual Integrations
APPROVED

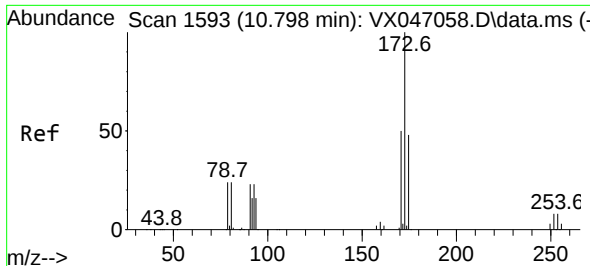
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#70
Styrene
Concen: 96.694 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

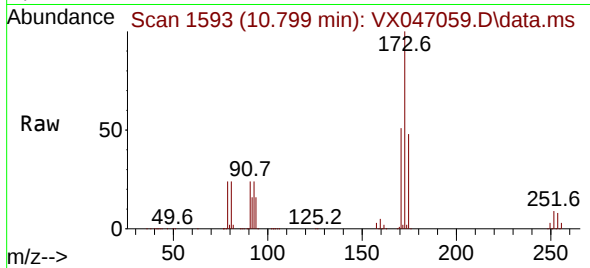
Tgt Ion:104 Resp: 1072801
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 54.7 43.8 65.6





#71
Bromoform
Concen: 97.473 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

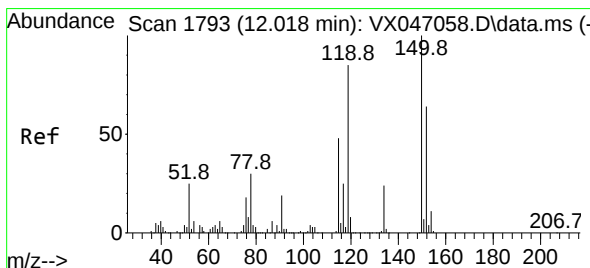
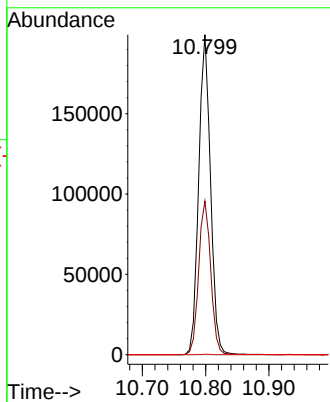
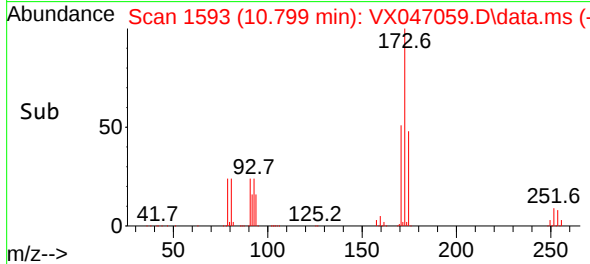
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



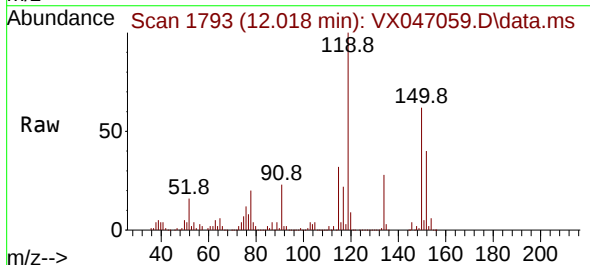
Tgt Ion:173 Resp: 259124
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

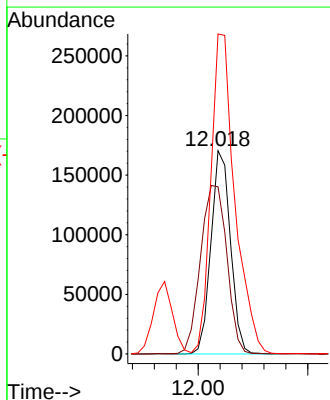
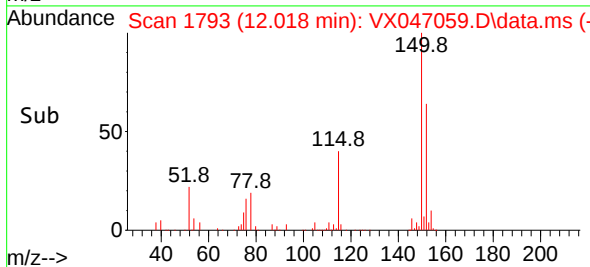
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

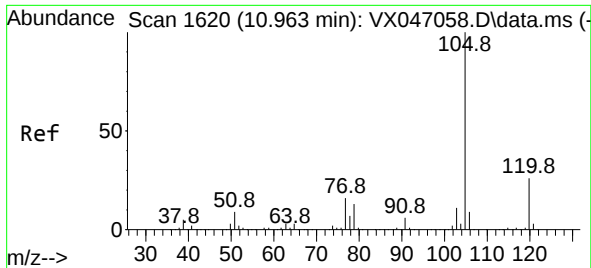


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



Tgt Ion:152 Resp: 210644
Ion Ratio Lower Upper
152 100
115 112.2 45.6 136.7
150 193.3 0.0 354.6





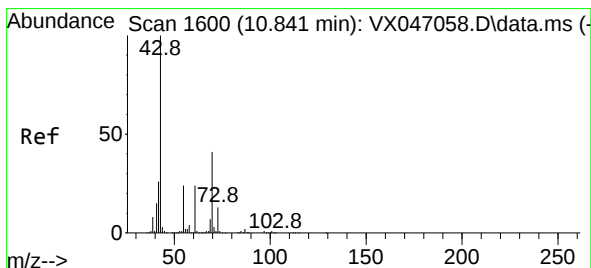
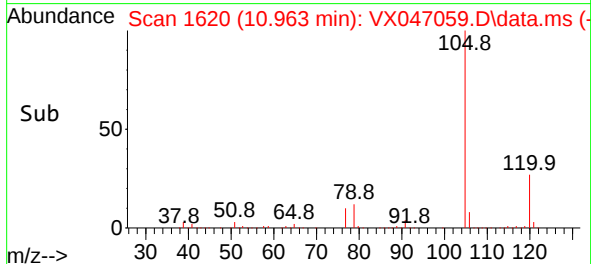
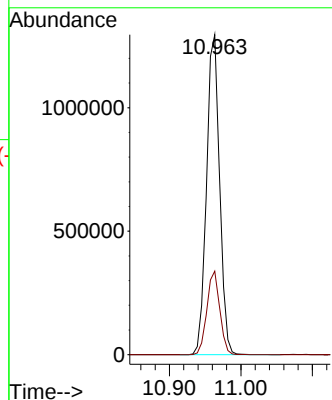
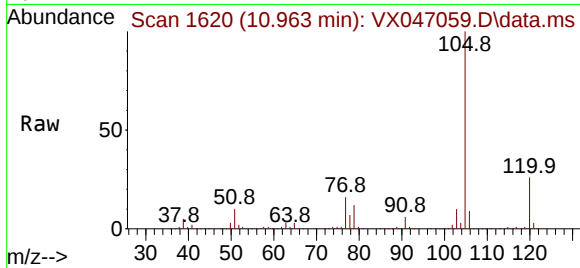
#73
Isopropylbenzene
Concen: 99.034 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 1645804
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

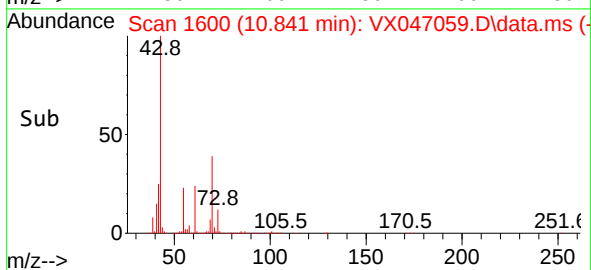
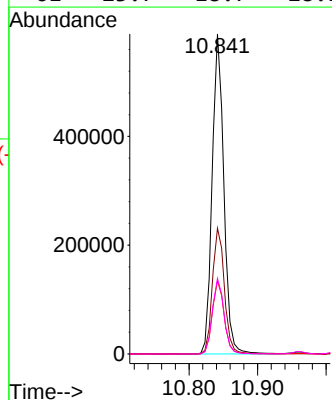
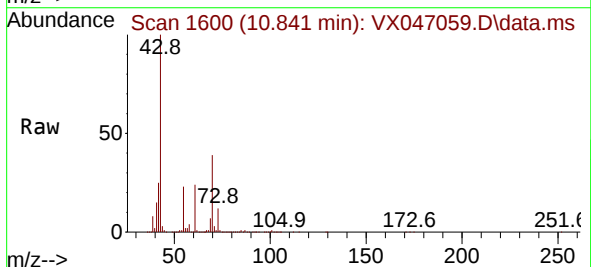
Manual Integrations
APPROVED

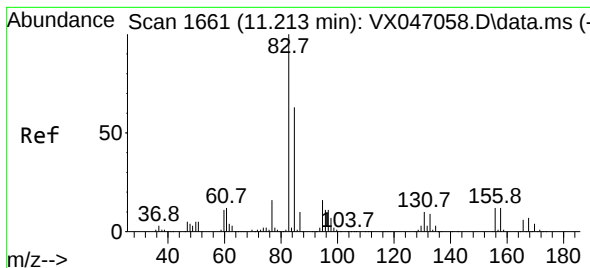
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#74
N-ethyl acetate
Concen: 105.369 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

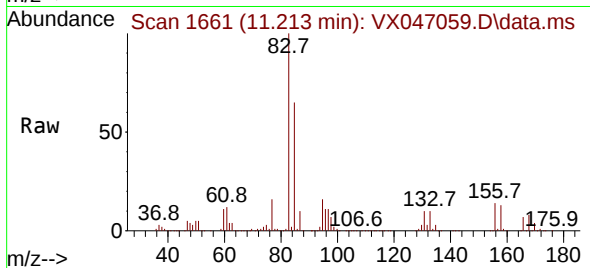
Tgt Ion: 43 Resp: 698465
Ion Ratio Lower Upper
43 100
70 40.5 32.3 48.5
55 23.3 18.9 28.3
61 23.7 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 96.283 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

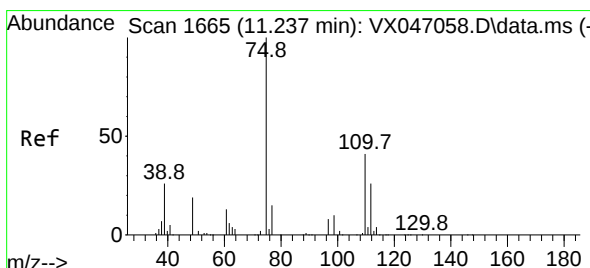
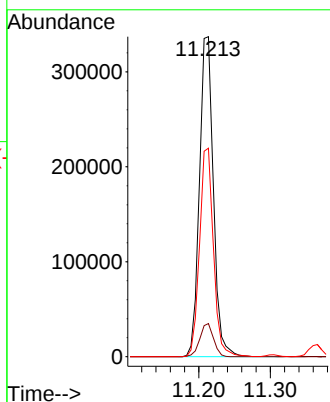
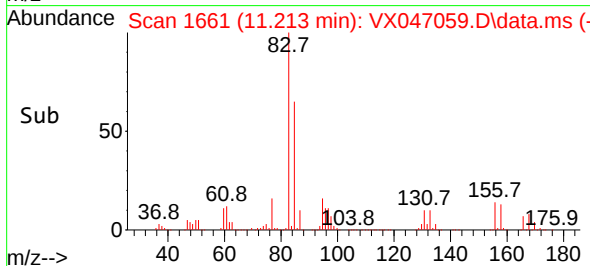
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



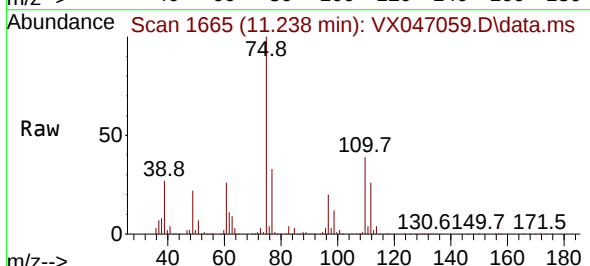
Tgt Ion: 83 Resp: 45705
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.8 32.0 96.2

Manual Integrations
APPROVED

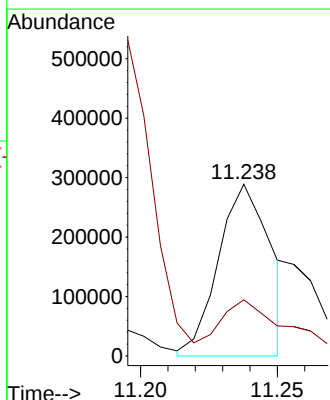
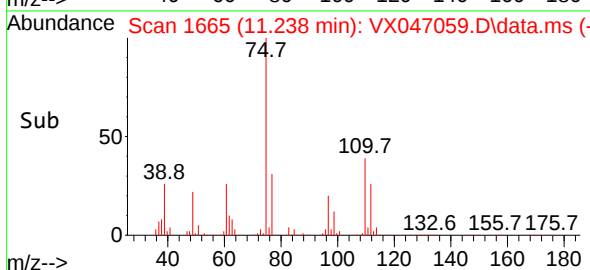
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

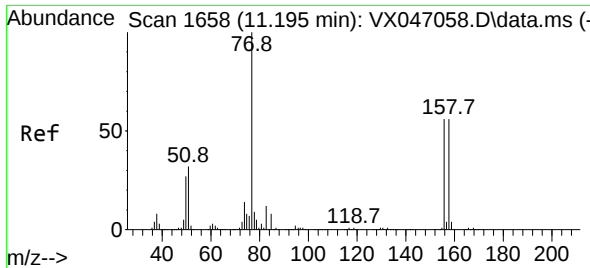


#76
1,2,3-Trichloropropane
Concen: 97.686 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



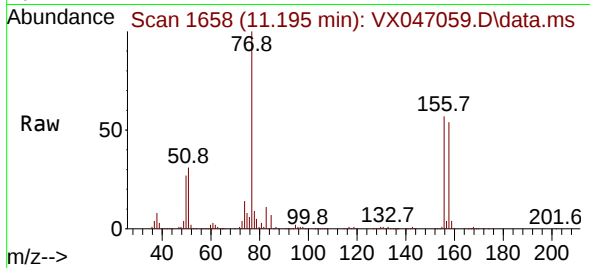
Tgt Ion: 75 Resp: 380871
Ion Ratio Lower Upper
75 100
77 43.0 21.6 65.0





#77
Bromobenzene
Concen: 97.789 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

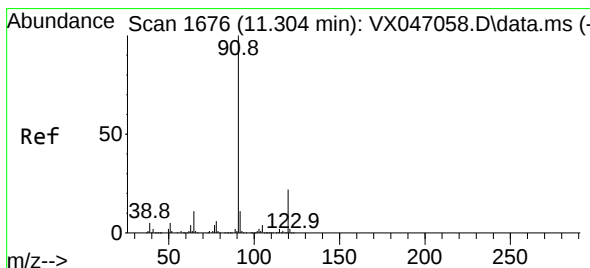
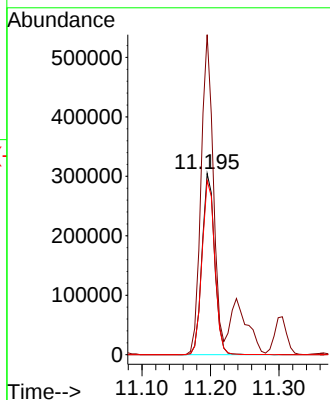
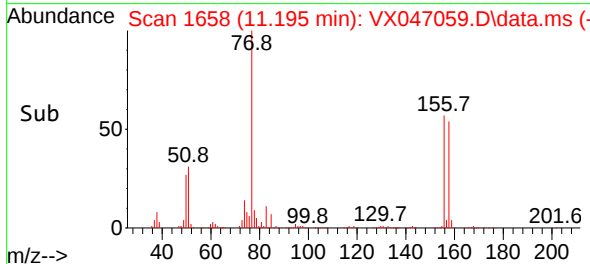
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



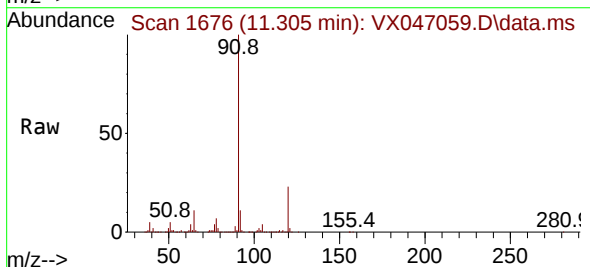
Tgt Ion:156 Resp: 389788
Ion Ratio Lower Upper
156 100
77 172.5 87.3 261.9
158 97.8 48.9 146.6

Manual Integrations
APPROVED

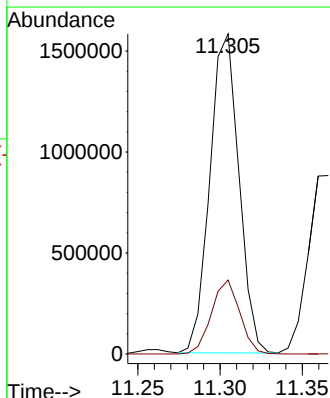
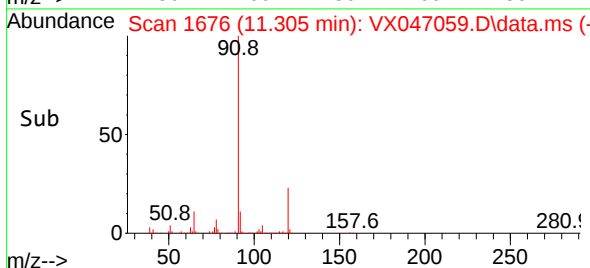
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

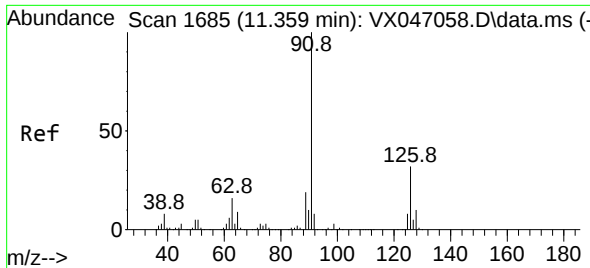


#78
n-propylbenzene
Concen: 97.969 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



Tgt Ion: 91 Resp: 1945548
Ion Ratio Lower Upper
91 100
120 22.5 11.0 33.0





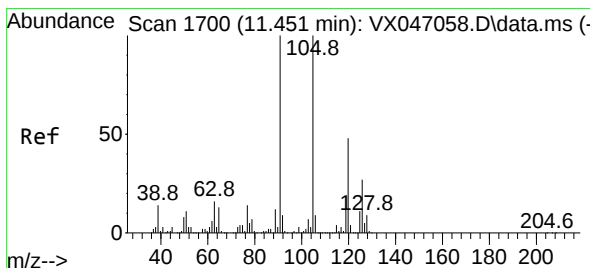
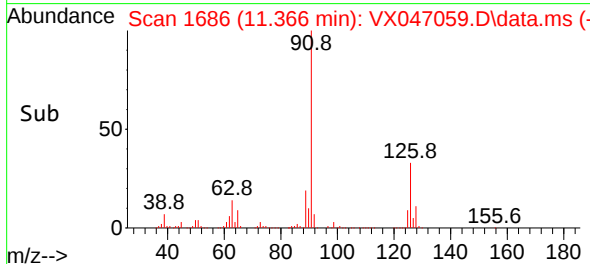
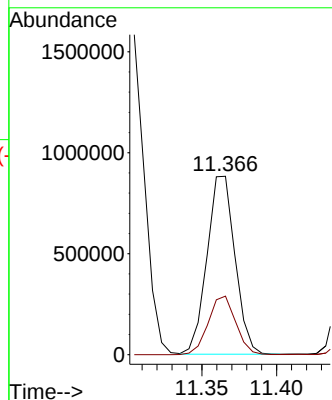
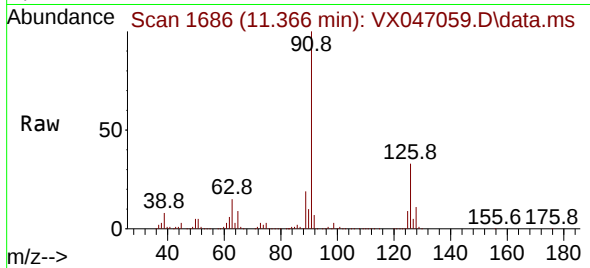
#79
2-Chlorotoluene
Concen: 96.889 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 115016
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4

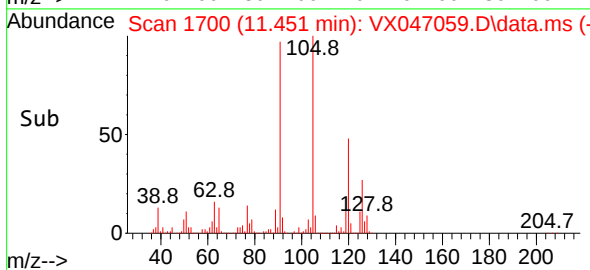
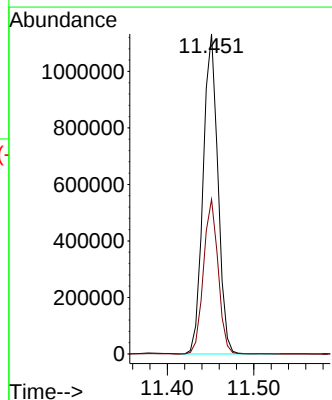
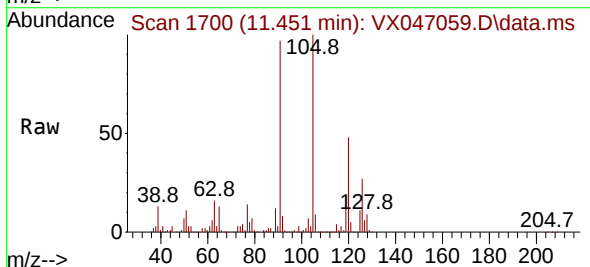
Manual Integrations
APPROVED

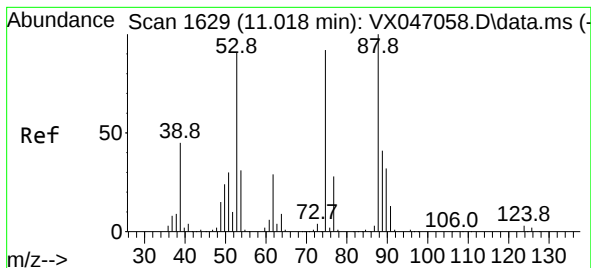
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 97.612 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

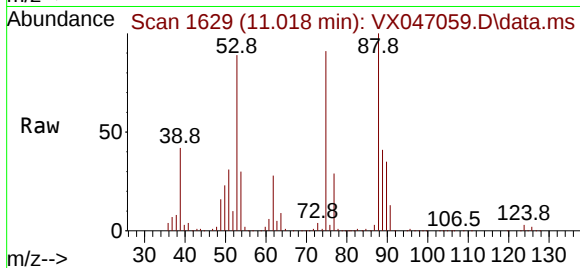
Tgt Ion:105 Resp: 1340151
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 104.426 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

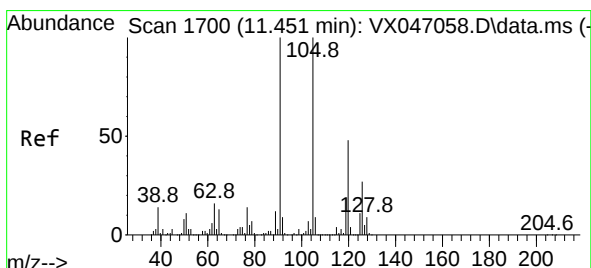
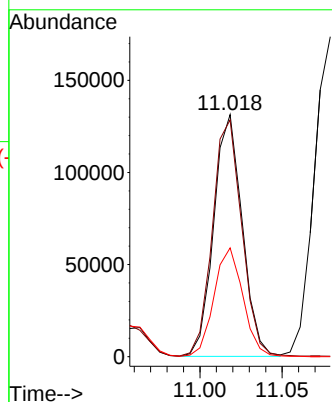
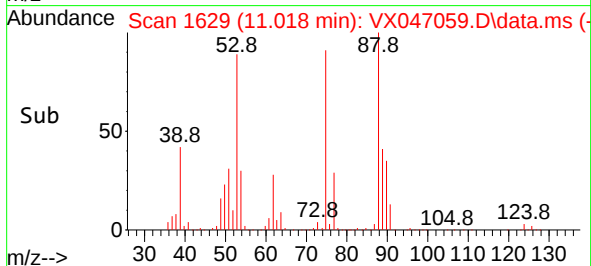
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 158030
Ion Ratio Lower Upper
75 100
53 101.5 84.2 126.4
89 45.8 36.0 54.0

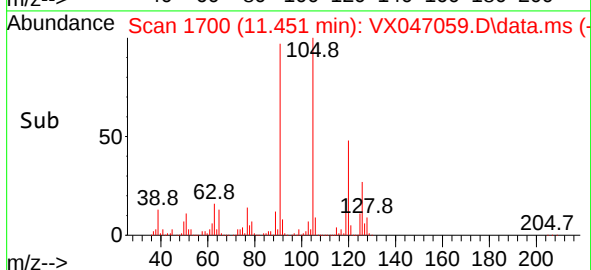
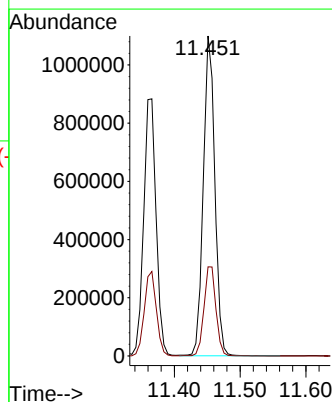
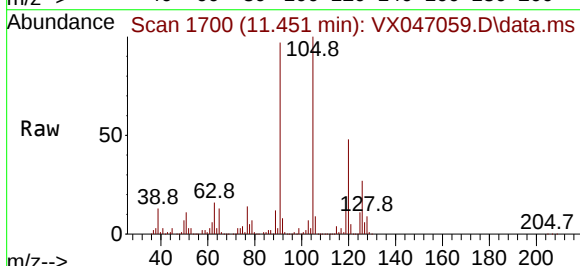
Manual Integrations
APPROVED

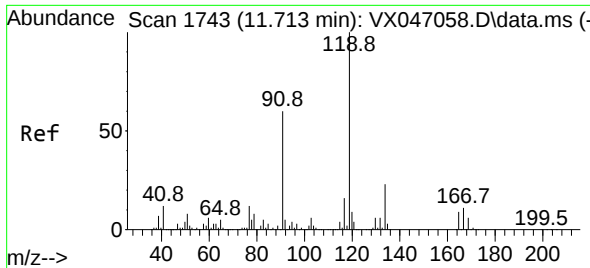
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#82
4-Chlorotoluene
Concen: 96.766 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

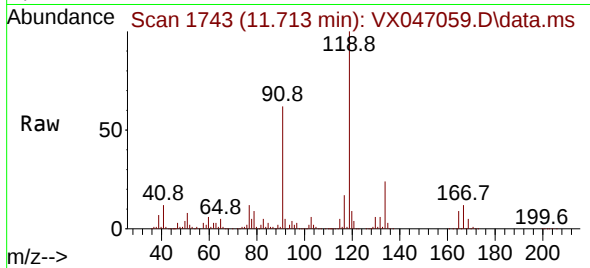
Tgt Ion: 91 Resp: 1340796
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.3





#83
tert-Butylbenzene
Concen: 97.765 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

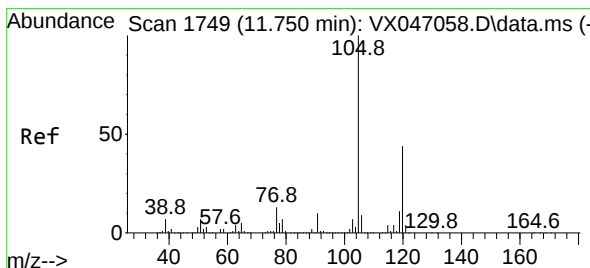
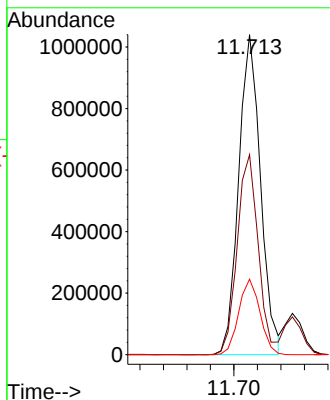
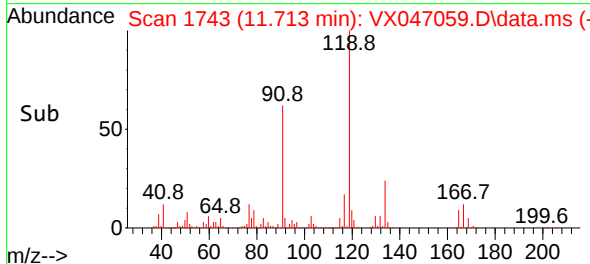
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



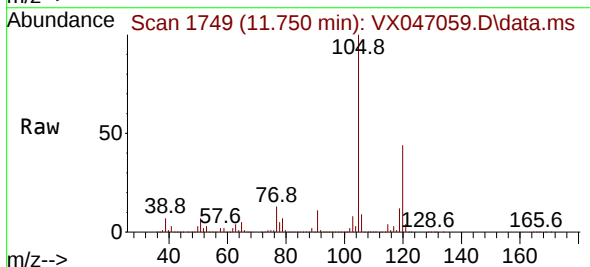
Tgt Ion:119 Resp: 1347200
Ion Ratio Lower Upper
119 100
91 60.5 29.6 88.8
134 23.0 11.4 34.1

Manual Integrations
APPROVED

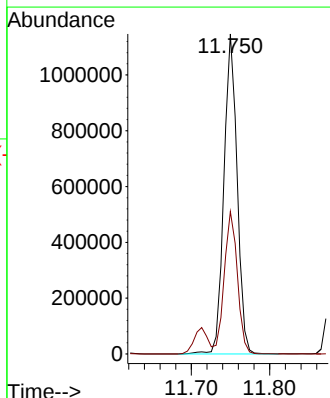
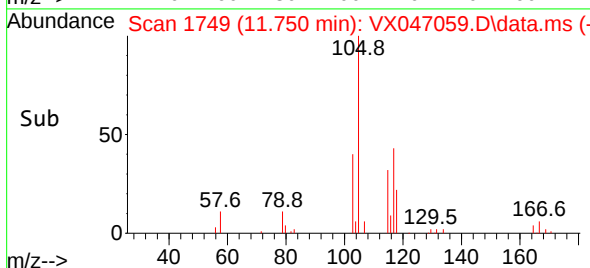
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

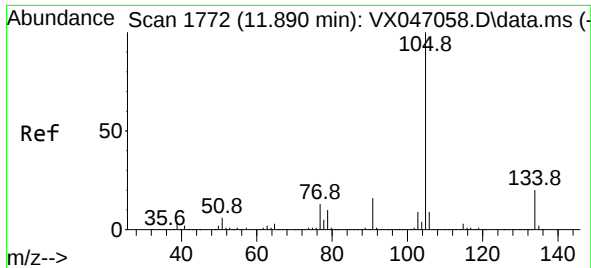


#84
1,2,4-Trimethylbenzene
Concen: 98.362 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



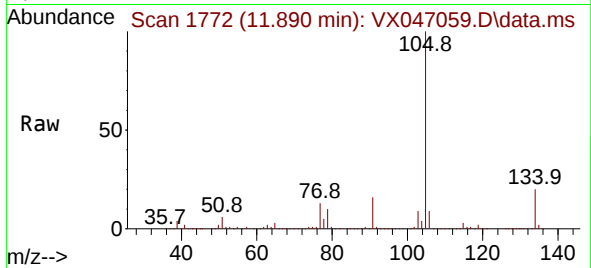
Tgt Ion:105 Resp: 1346982
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 97.702 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047059.D
 Acq: 21 Jul 2025 11:11

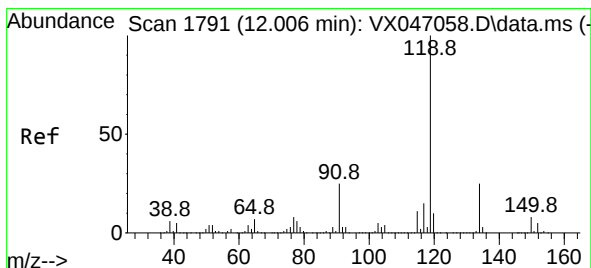
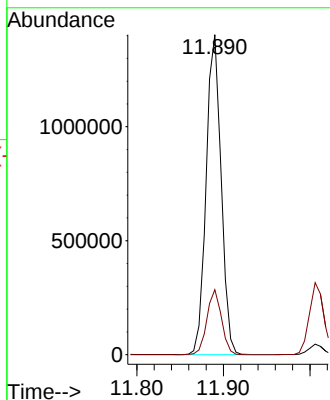
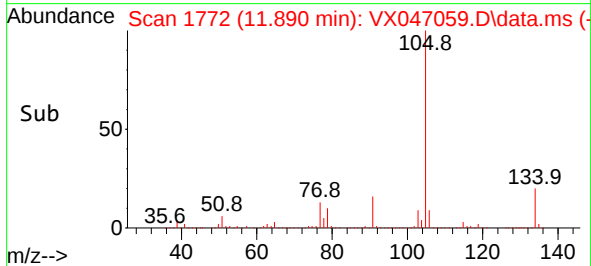
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



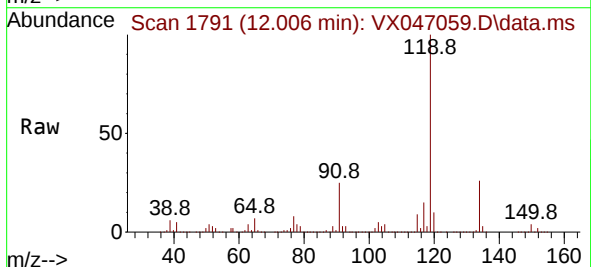
Tgt Ion:105 Resp: 1682208
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
 APPROVED

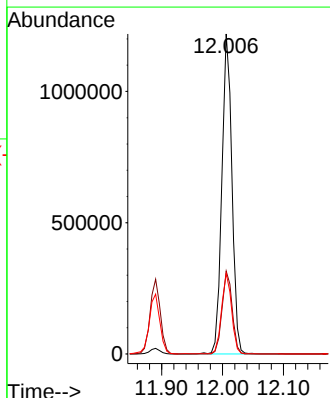
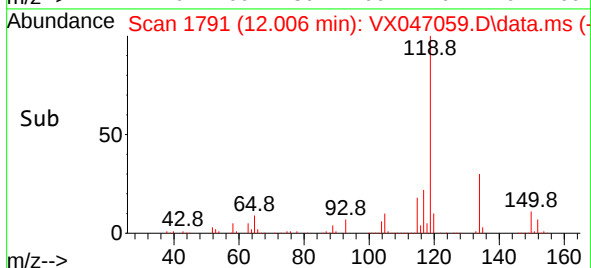
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

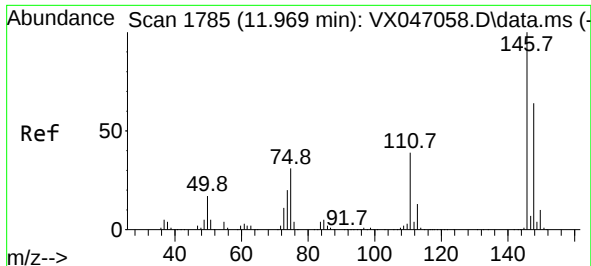


#86
 p-Isopropyltoluene
 Concen: 98.379 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047059.D
 Acq: 21 Jul 2025 11:11



Tgt Ion:119 Resp: 1404678
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 94.782 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 71785

Ion Ratio Lower Upper

146 100

111 42.2 21.0 63.0

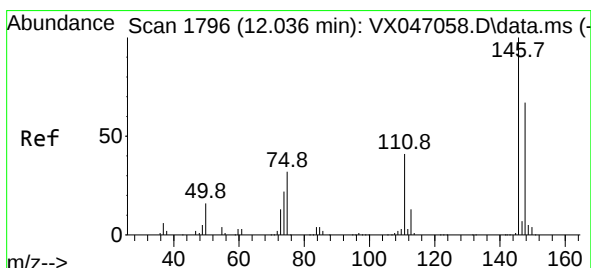
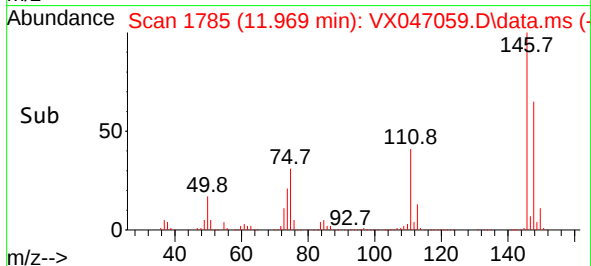
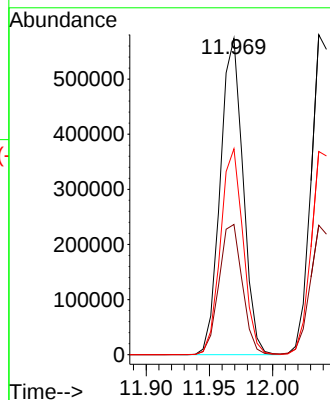
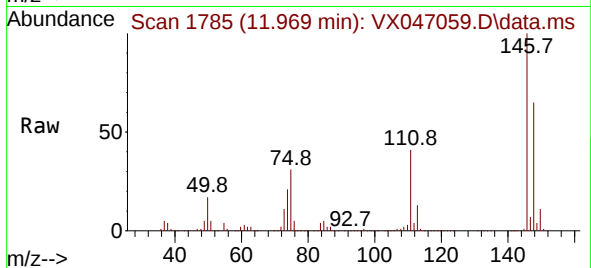
148 64.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#88

1,4-Dichlorobenzene

Concen: 94.617 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

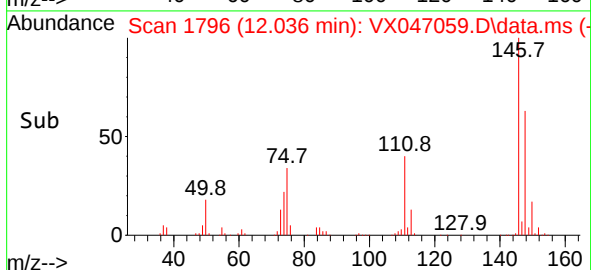
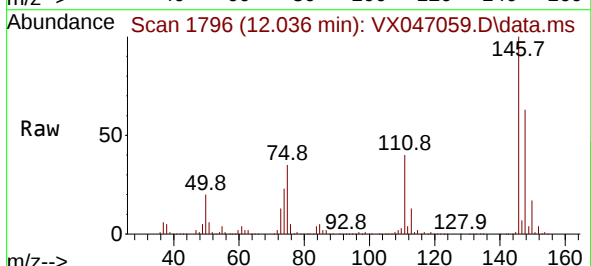
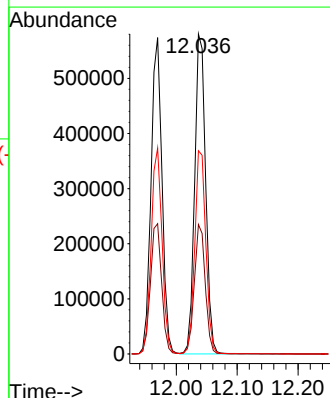
Tgt Ion:146 Resp: 726014

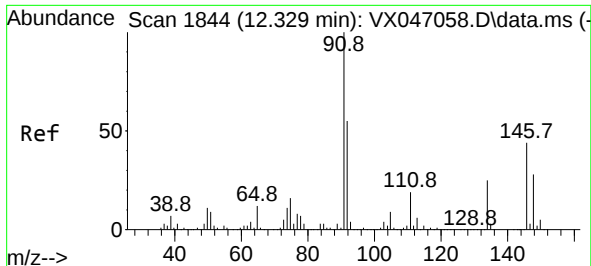
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

148 64.2 33.0 98.9





#89

n-Butylbenzene

Concen: 98.826 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1323274

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.5

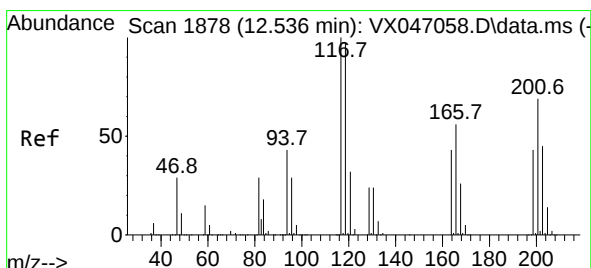
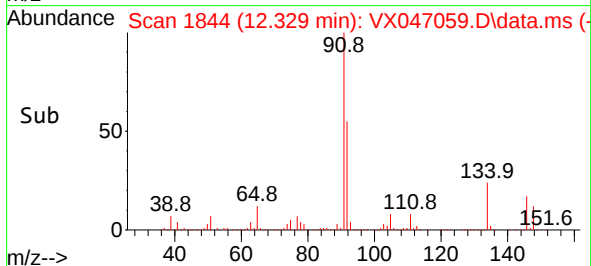
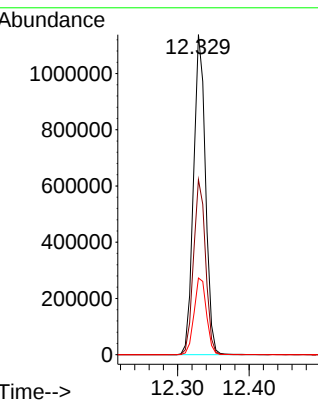
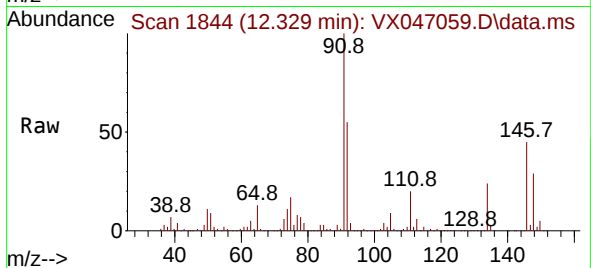
134 25.0 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#90

Hexachloroethane

Concen: 102.152 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047059.D

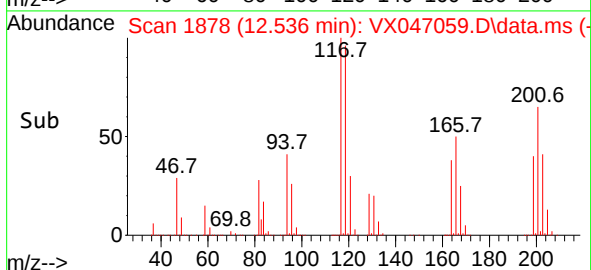
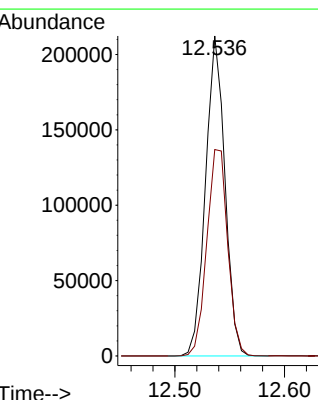
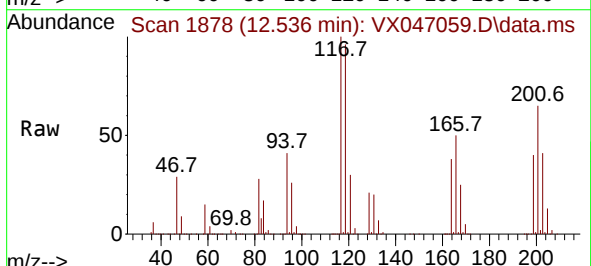
Acq: 21 Jul 2025 11:11

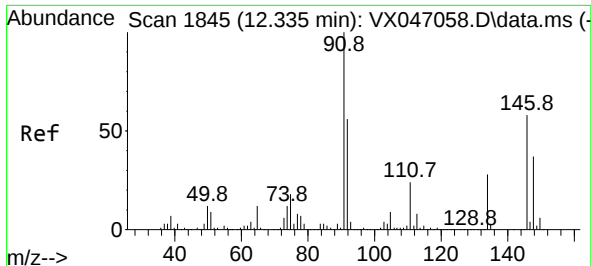
Tgt Ion:117 Resp: 260929

Ion Ratio Lower Upper

117 100

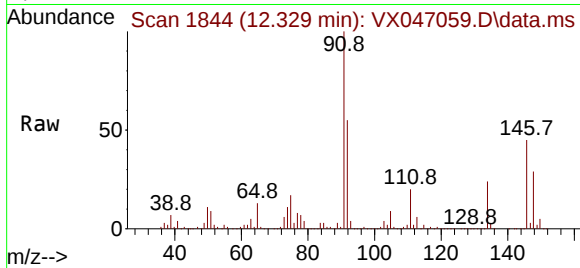
201 69.6 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 94.557 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

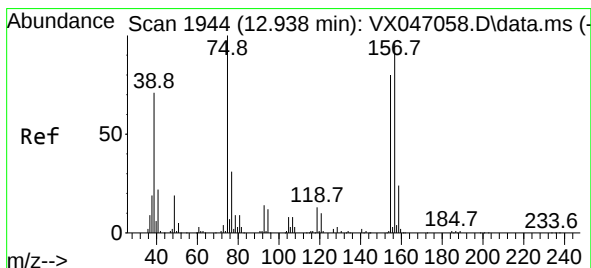
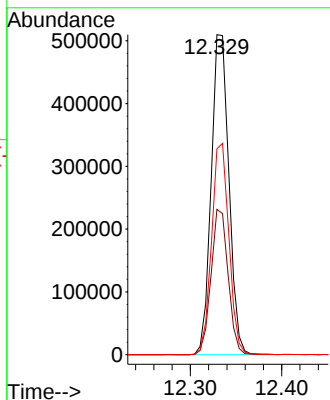
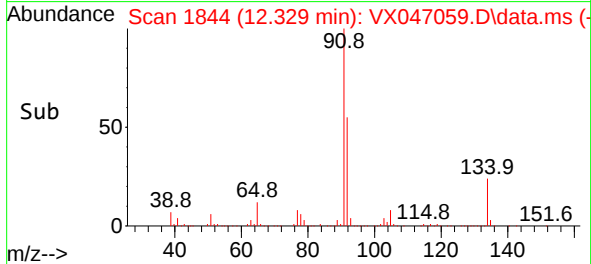
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 684462
Ion Ratio Lower Upper
146 100
111 43.9 21.6 64.6
148 64.8 31.9 95.7

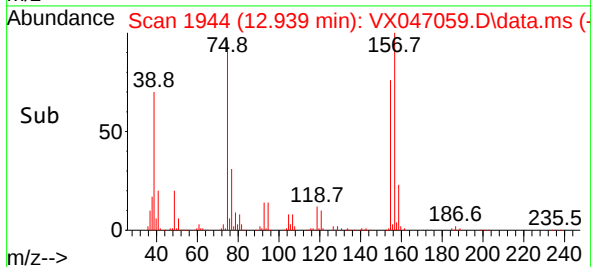
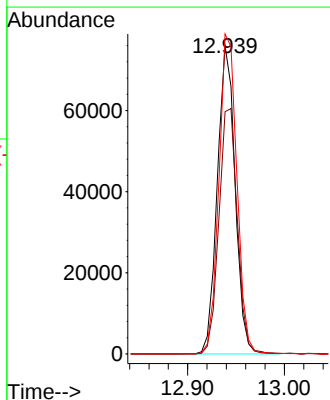
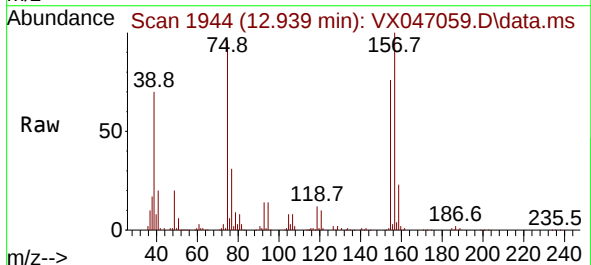
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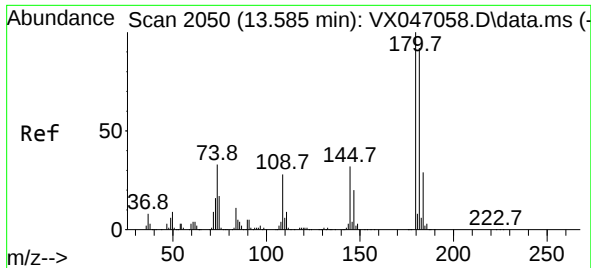
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 106.683 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Tgt Ion: 75 Resp: 97209
Ion Ratio Lower Upper
75 100
155 82.3 41.3 124.1
157 104.9 52.8 158.3





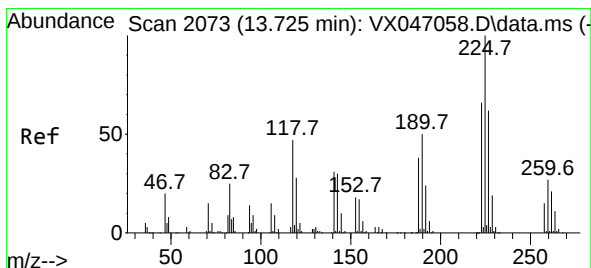
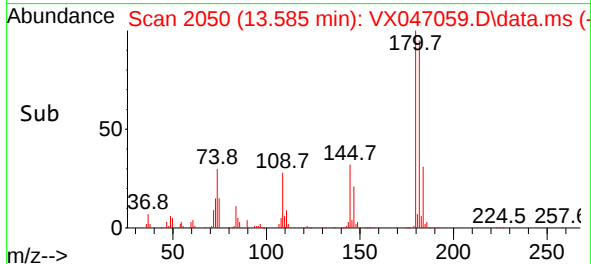
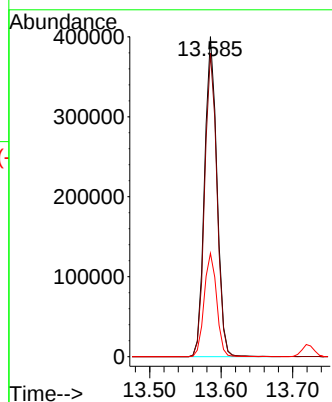
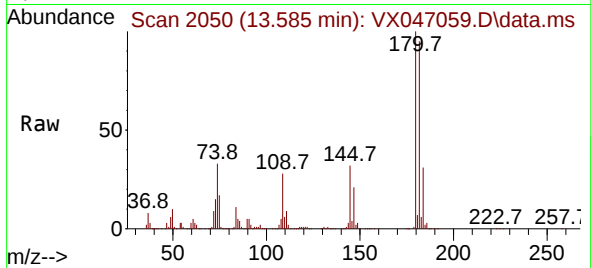
#93
1,2,4-Trichlorobenzene
Concen: 100.755 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 481860
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 32.6 16.4 49.1

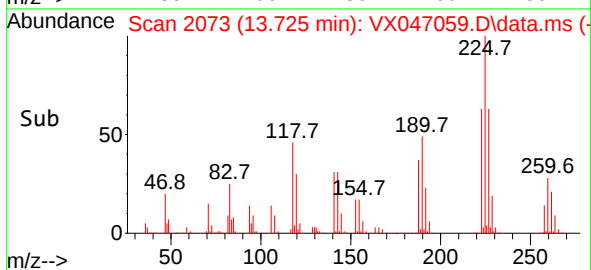
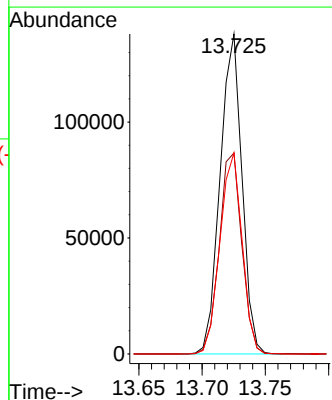
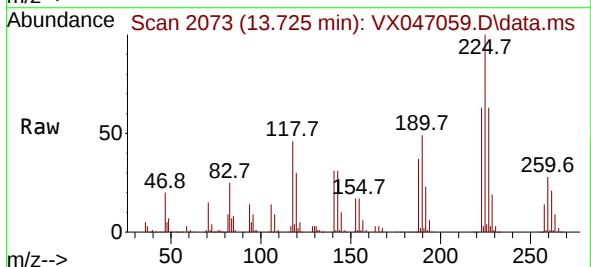
Manual Integrations
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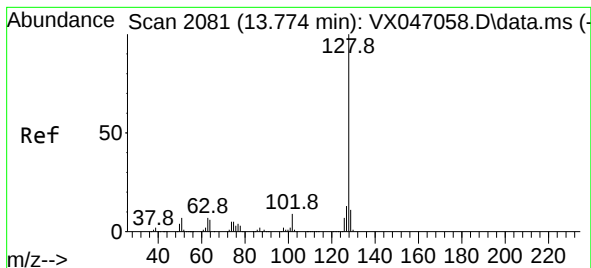
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#94
Hexachlorobutadiene
Concen: 101.539 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

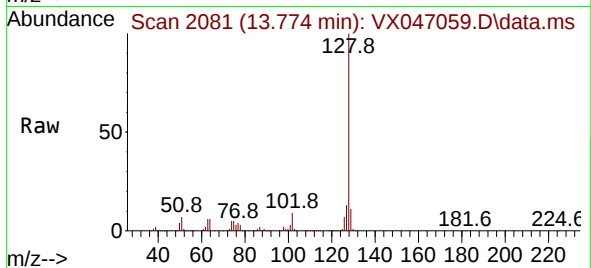
Tgt Ion:225 Resp: 165153
Ion Ratio Lower Upper
225 100
223 64.9 31.6 95.0
227 63.9 32.9 98.6





#95
Naphthalene
Concen: 105.135 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11

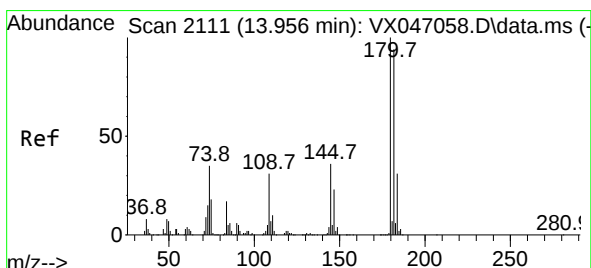
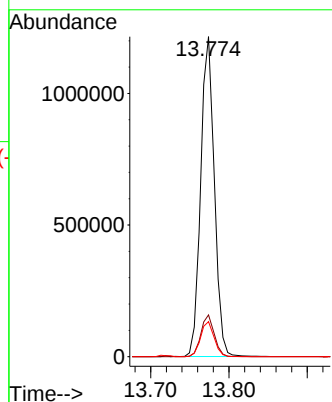
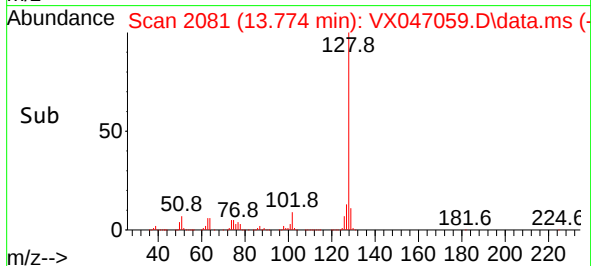
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



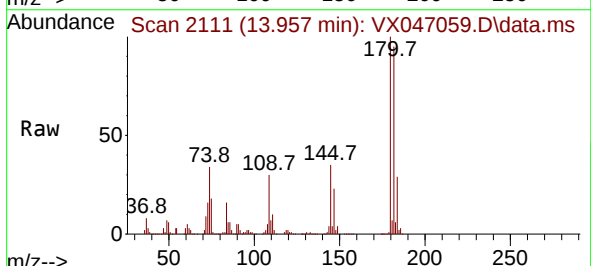
Tgt Ion:128 Resp: 1474039
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 100.760 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047059.D
Acq: 21 Jul 2025 11:11



Tgt Ion:180 Resp: 464244
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 34.4 17.3 52.0

