

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048249.D
 Acq On : 20 Oct 2025 19:04
 Operator : JC/MD
 Sample : Q3390-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4174

Quant Time: Oct 21 06:16:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	66026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	129860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	138130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	73374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	54851	59.252	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.500%#	
35) Dibromofluoromethane	5.367	113	45413	51.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.440%	
50) Toluene-d8	8.635	98	160516	51.655	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	11.061	95	71532	60.510	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.020%	

Target Compounds				Qvalue		
3) Chloromethane	1.301	50	351	0.554	ug/l #	87
5) Bromomethane	1.605	94	1357	3.408	ug/l	100
10) Methyl Iodide	2.453	142	5545	6.191	ug/l	94
11) Tert butyl alcohol	2.941	59	7906	86.016	ug/l #	73
16) Acetone	2.392	43	1544	4.862	ug/l	93
17) Carbon Disulfide	2.502	76	863	0.395	ug/l #	88
18) Methyl Acetate	2.715	43	560	0.844	ug/l #	82
20) Methylene Chloride	2.788	84	1070	1.383	ug/l	90
31) Cyclohexane	5.483	56	2667	2.321	ug/l #	47
36) 1,1-Dichloropropene	5.526	75	5204	4.130	ug/l #	49
38) Carbon Tetrachloride	5.538	117	7228	4.649	ug/l #	15
39) Methylcyclohexane	7.367	83	824	0.554	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	357	0.361	ug/l	98
52) Toluene	8.702	92	77818	33.483	ug/l	99
59) 2-Hexanone	9.439	43	228	0.331	ug/l #	62
68) m/p-Xylenes	10.287	106	1341	0.682	ug/l	95
69) o-Xylene	10.622	106	579	0.305	ug/l	66
70) Styrene	10.647	104	2191	0.678	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	11.183	83	323	0.221	ug/l #	95
76) 1,2,3-Trichloropropane	11.061	75	37030	31.121	ug/l #	34
78) n-propylbenzene	11.293	91	3331	0.537	ug/l	99
79) 2-Chlorotoluene	11.360	91	1636	0.435	ug/l #	51
80) 1,3,5-Trimethylbenzene	11.433	105	3487	0.786	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.061	75	37030	75.715	ug/l #	10
82) 4-Chlorotoluene	11.439	91	1256	0.281	ug/l #	69
84) 1,2,4-Trimethylbenzene	11.738	105	12462	2.816	ug/l	97
85) sec-Butylbenzene	11.872	105	2979	0.543	ug/l	100
86) p-Isopropyltoluene	11.994	119	2810	0.593	ug/l	88
87) 1,3-Dichlorobenzene	11.957	146	572	0.226	ug/l #	80
88) 1,4-Dichlorobenzene	12.024	146	735	0.280	ug/l #	1
89) n-Butylbenzene	12.317	91	7137	1.655	ug/l #	69
90) Hexachloroethane	12.512	117	990	1.058	ug/l #	41
93) 1,2,4-Trichlorobenzene	13.573	180	1484	0.923	ug/l #	59
94) Hexachlorobutadiene	13.707	225	1138	1.952	ug/l	96
95) Naphthalene	13.756	128	7423	1.742	ug/l #	79
96) 1,2,3-Trichlorobenzene	13.939	180	1831	1.241	ug/l #	58

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QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

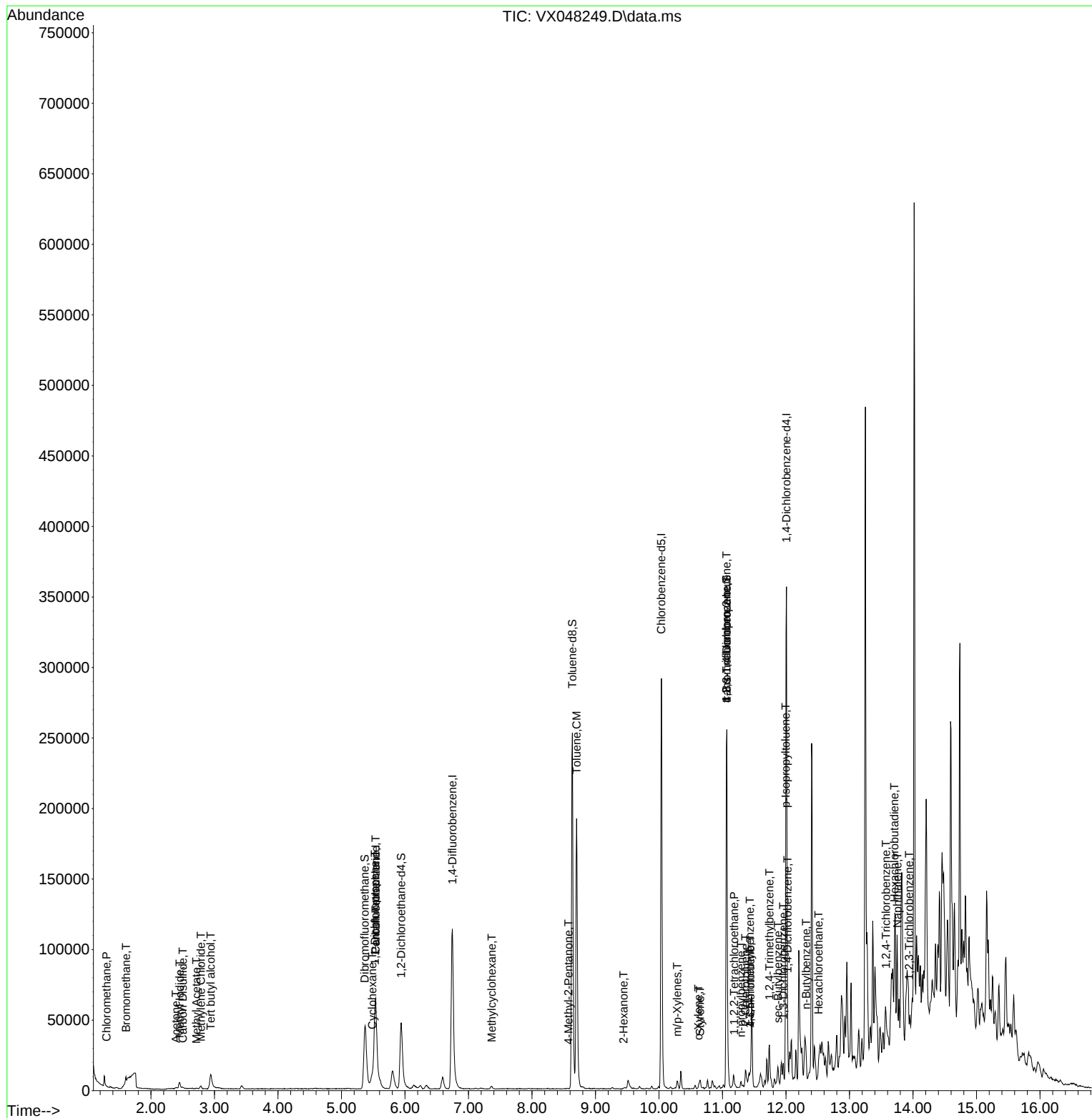
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

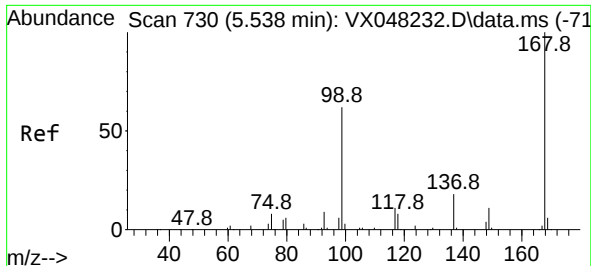
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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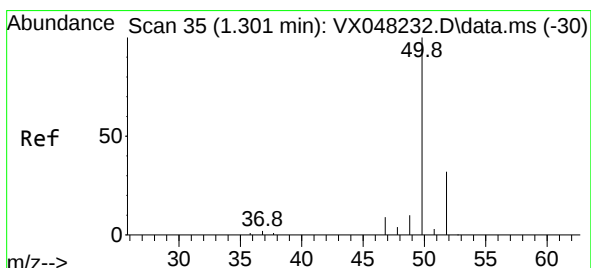
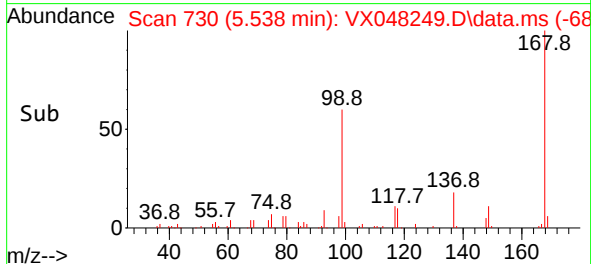
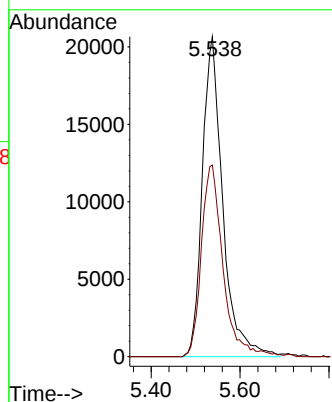
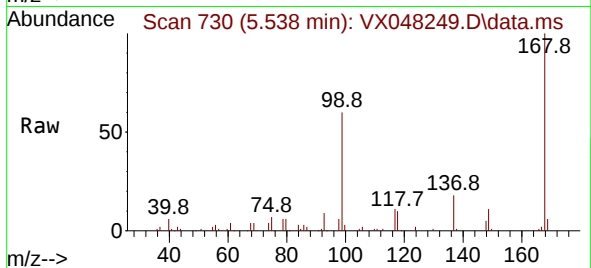




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

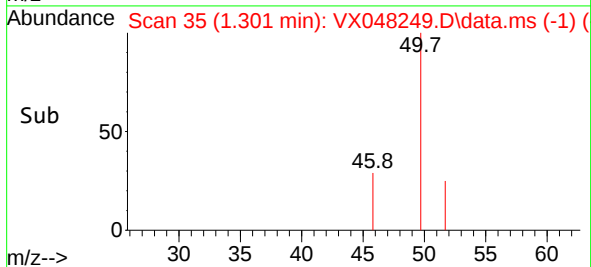
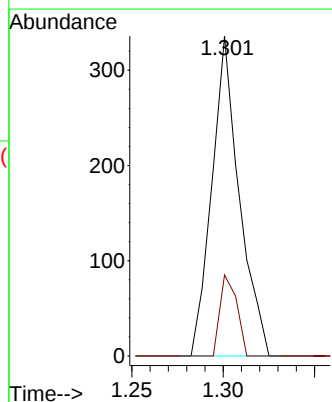
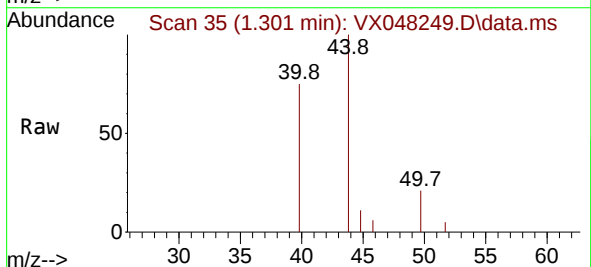
Instrument :
MSVOA_X
ClientSampleId :
4174

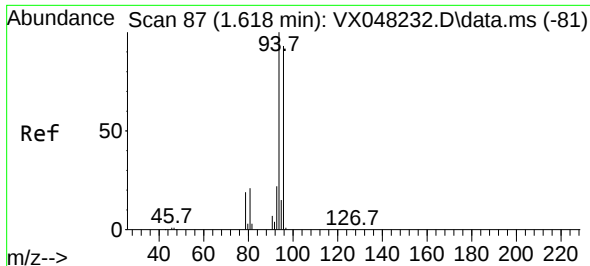
Tgt Ion:168 Resp: 66026
Ion Ratio Lower Upper
168 100
99 59.9 46.4 69.6



#3
Chloromethane
Concen: 0.554 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 25.3 25.9 38.9#

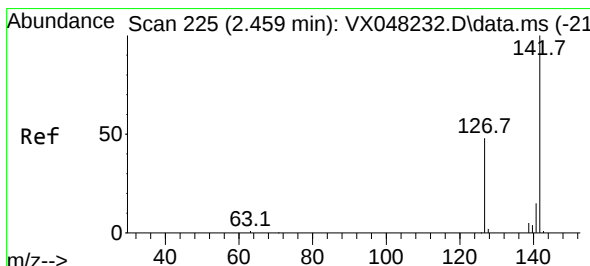
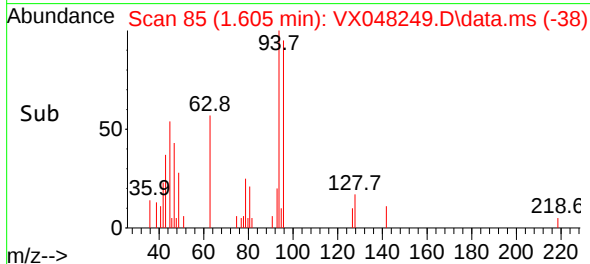
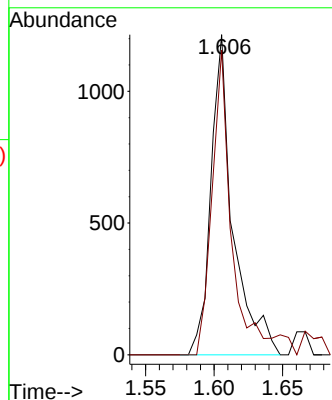
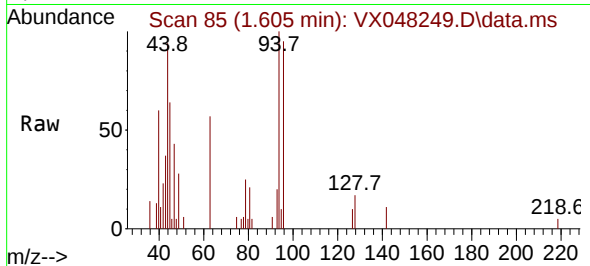




#5
Bromomethane
Concen: 3.408 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

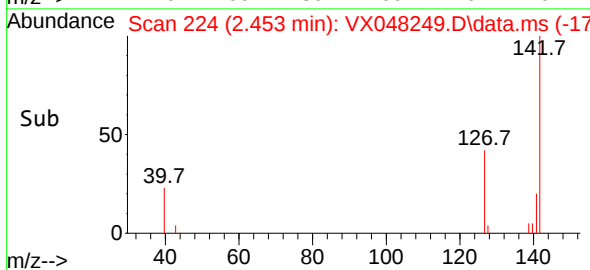
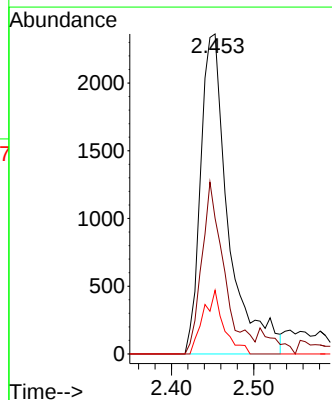
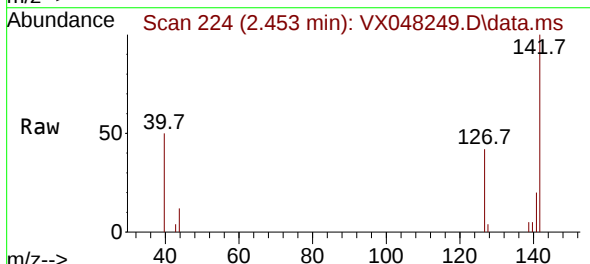
Instrument :
MSVOA_X
ClientSampleId :
4174

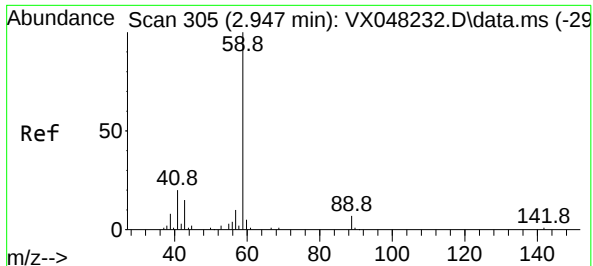
Tgt Ion: 94 Resp: 1357
Ion Ratio Lower Upper
94 100
96 95.2 76.0 114.0



#10
Methyl Iodide
Concen: 6.191 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 142 Resp: 5545
Ion Ratio Lower Upper
142 100
127 43.3 38.5 57.7
141 14.7 11.6 17.4

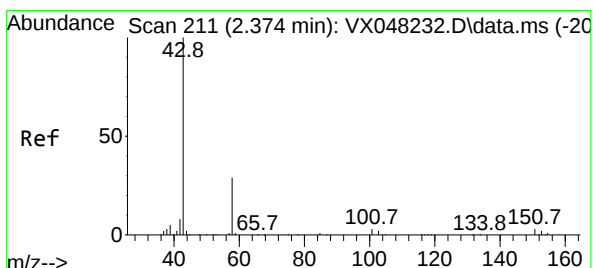
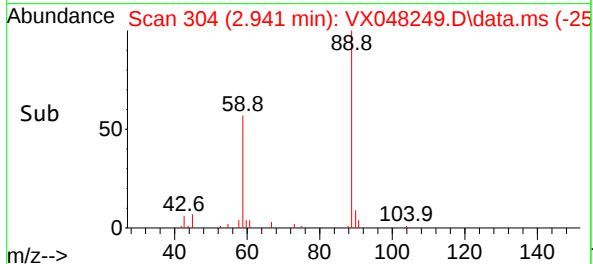
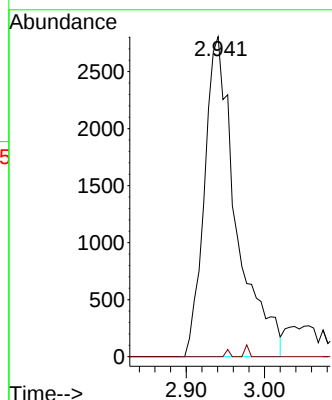
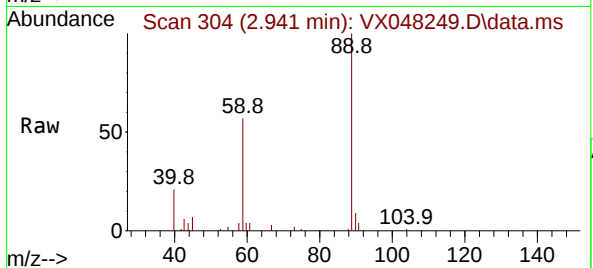




#11
Tert butyl alcohol
Concen: 86.016 ug/l
RT: 2.941 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

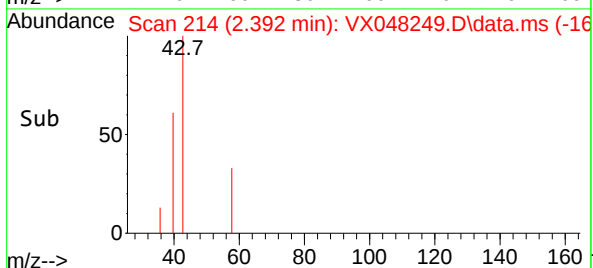
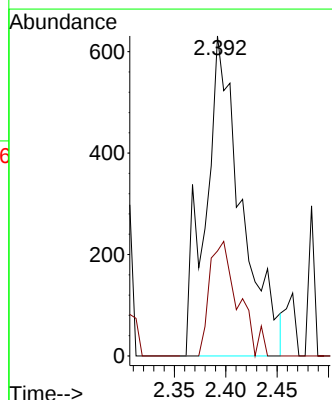
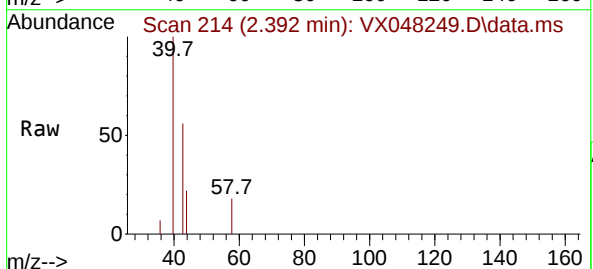
Instrument :
MSVOA_X
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4174

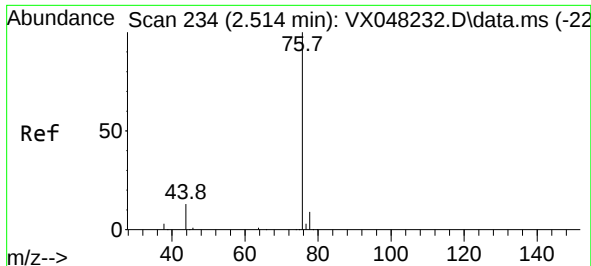
Tgt Ion: 59 Resp: 7906
Ion Ratio Lower Upper
59 100
57 0.3 8.2 12.4#



#16
Acetone
Concen: 4.862 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 32.8 23.4 35.2





#17

Carbon Disulfide

Concen: 0.395 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX048249.D

Acq: 20 Oct 2025 19:04

Instrument :

MSVOA_X

ClientSampleId :

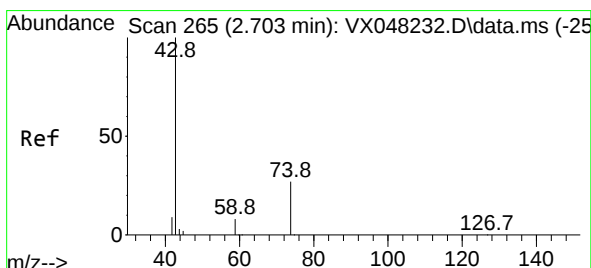
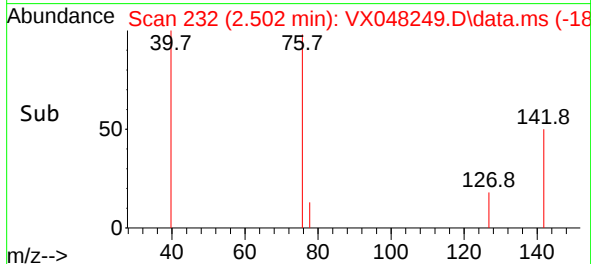
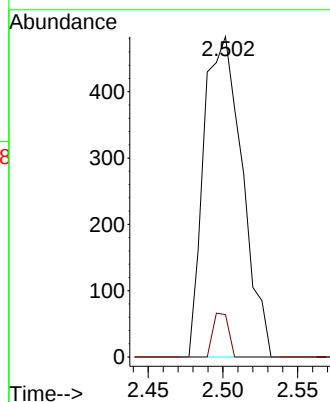
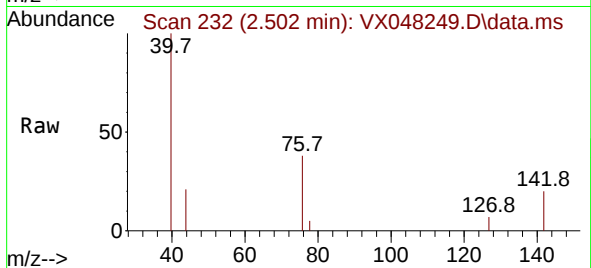
4174

Tgt Ion: 76 Resp: 863

Ion Ratio Lower Upper

76 100

78 13.3 7.1 10.7#



#18

Methyl Acetate

Concen: 0.844 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.018 min

Lab File: VX048249.D

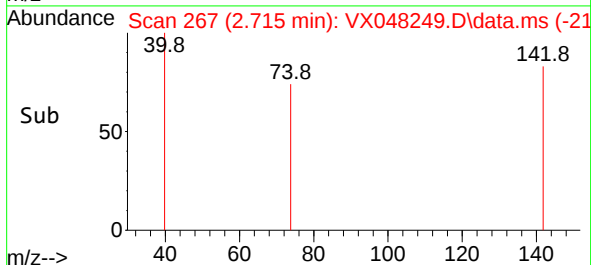
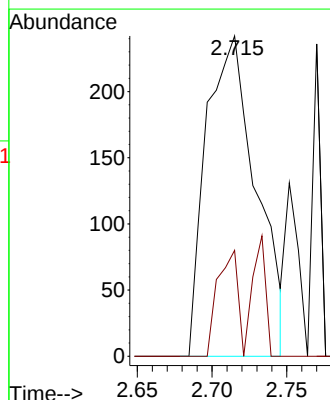
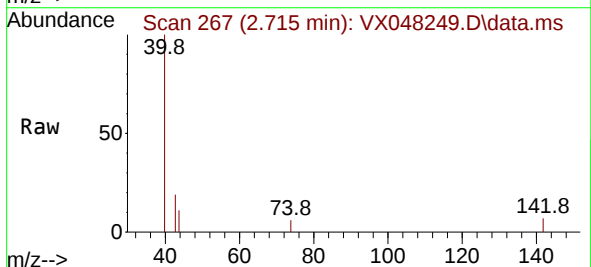
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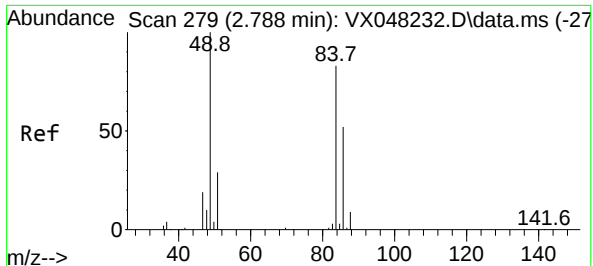
Tgt Ion: 43 Resp: 560

Ion Ratio Lower Upper

43 100

74 13.4 17.5 26.3#

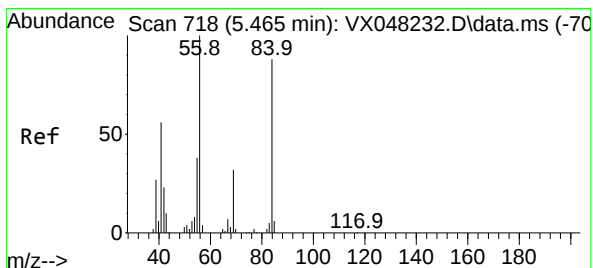
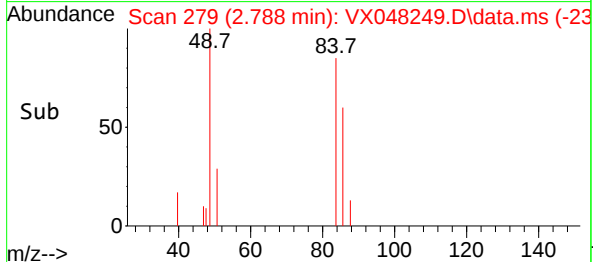
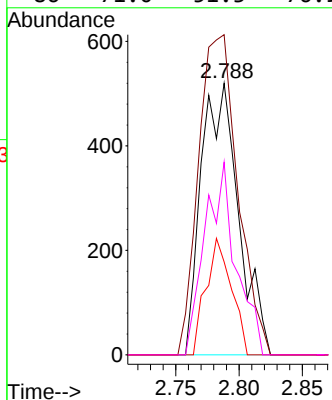
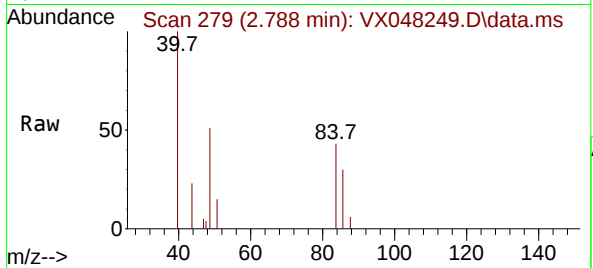




#20
Methylene Chloride
Concen: 1.383 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

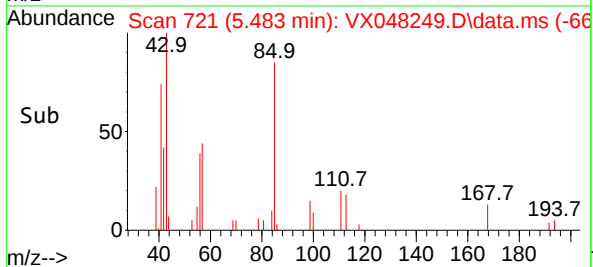
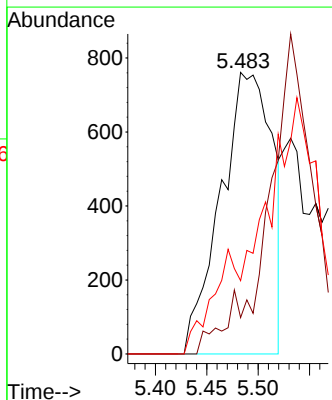
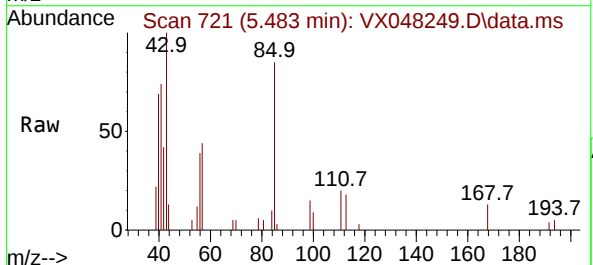
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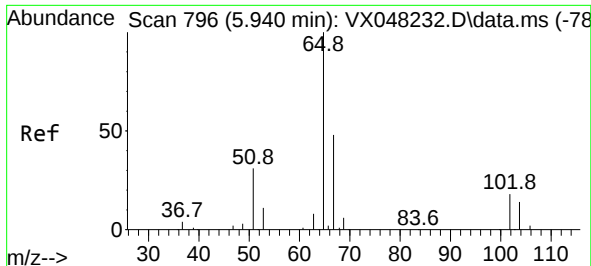
Tgt Ion:	84	Resp:	1070
Ion	Ratio	Lower	Upper
84	100		
49	117.9	104.1	156.1
51	34.2	31.3	46.9
86	71.0	51.3	76.9



#31
Cyclohexane
Concen: 2.321 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.024 min
Lab File: VX048249.D
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Tgt Ion:	56	Resp:	2667
Ion	Ratio	Lower	Upper
56	100		
69	12.9	23.0	34.6#
84	26.0	64.6	97.0#

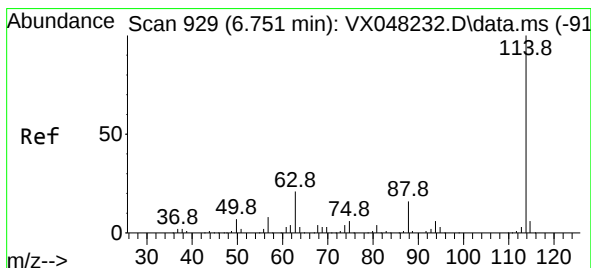
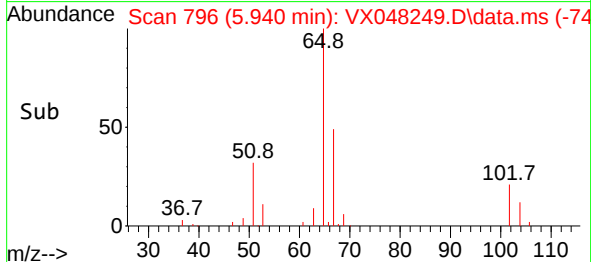
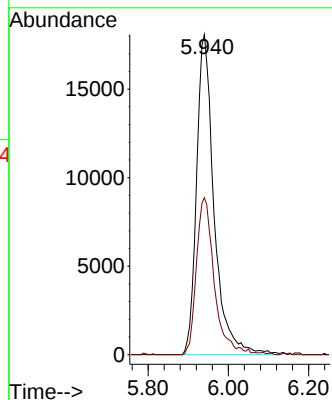
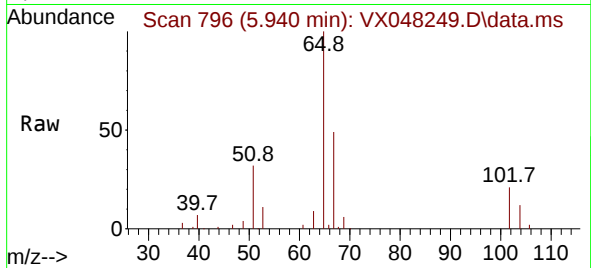




#33
 1,2-Dichloroethane-d4
 Concen: 59.252 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048249.D
 Acq: 20 Oct 2025 19:04

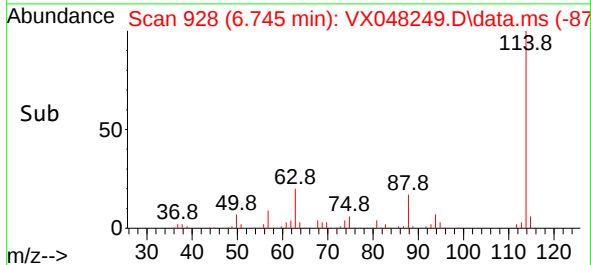
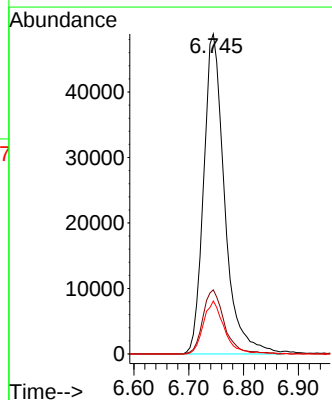
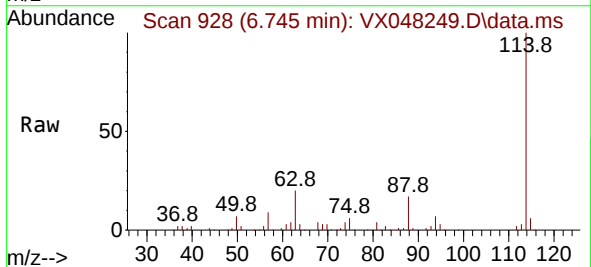
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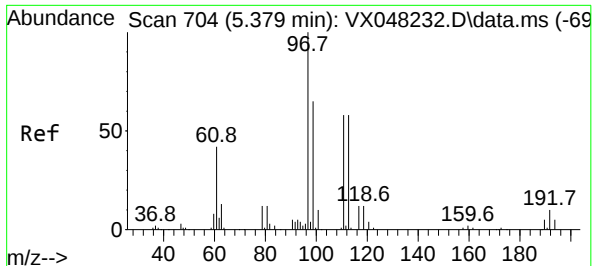
Tgt Ion: 65 Resp: 54851
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048249.D
 Acq: 20 Oct 2025 19:04

Tgt Ion: 114 Resp: 129860
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 16.6 0.0 33.6

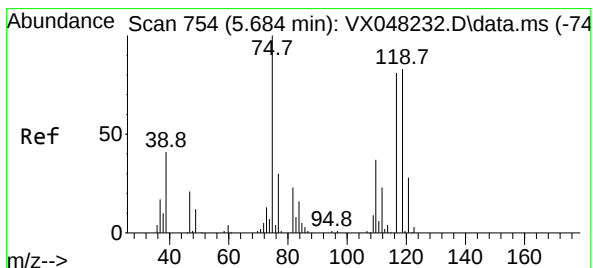
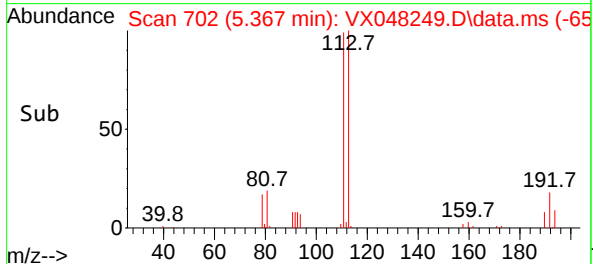
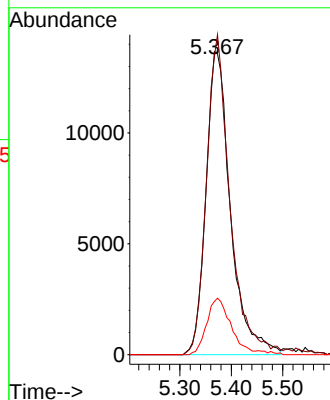
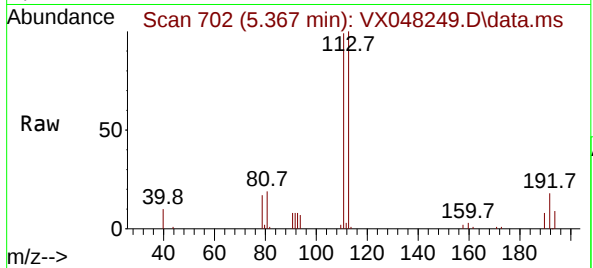




#35
Dibromofluoromethane
Concen: 51.225 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

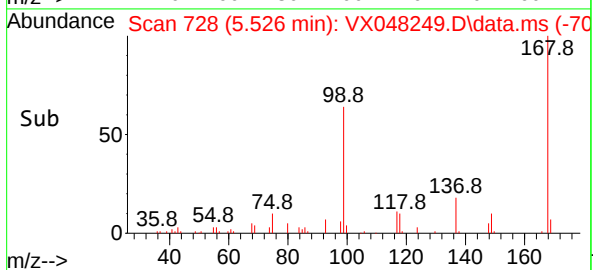
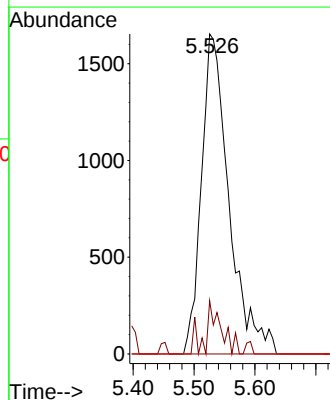
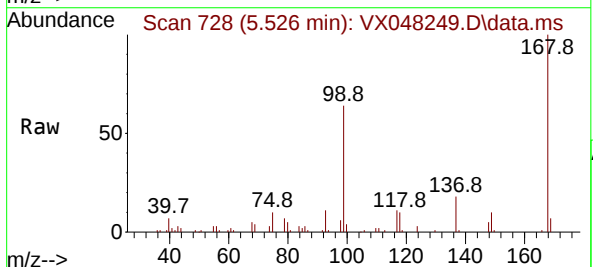
Instrument :
MSVOA_X
ClientSampleId :
4174

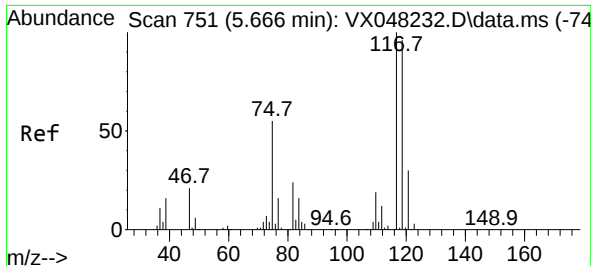
Tgt Ion:113 Resp: 45413
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 18.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.130 ug/l
RT: 5.526 min Scan# 728
Delta R.T. -0.158 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

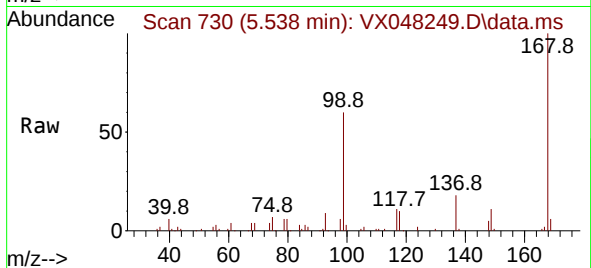
Tgt Ion: 75 Resp: 5204
Ion Ratio Lower Upper
75 100
110 8.1 17.7 53.1#
77 0.0 24.3 36.5#



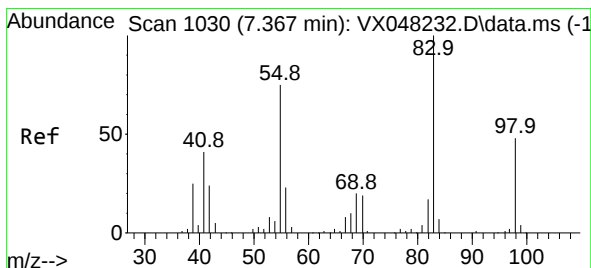
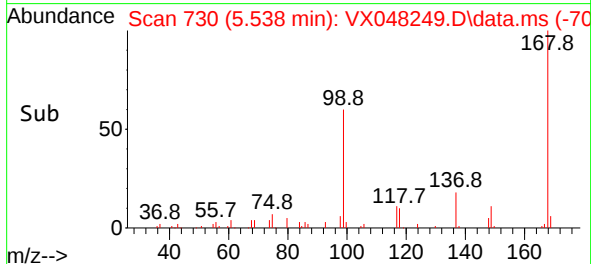
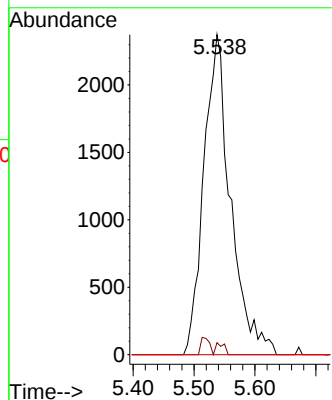


#38
Carbon Tetrachloride
Concen: 4.649 ug/l
RT: 5.538 min Scan# 714
Delta R.T. -0.128 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Instrument :
MSVOA_X
ClientSampleId :
4174

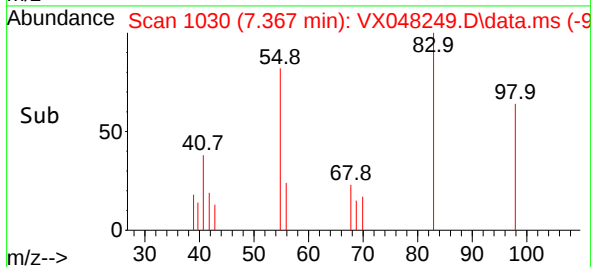
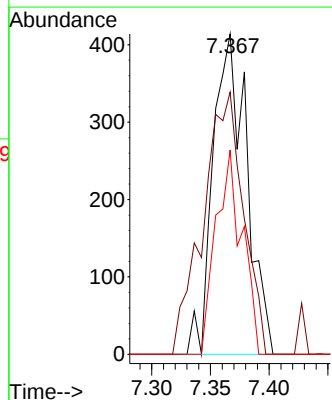
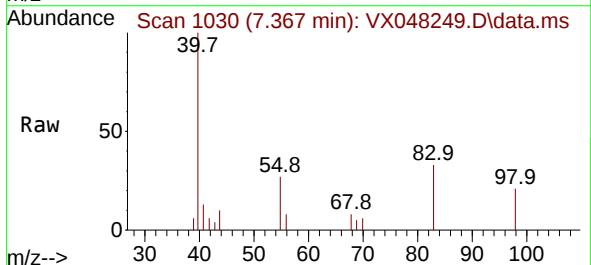


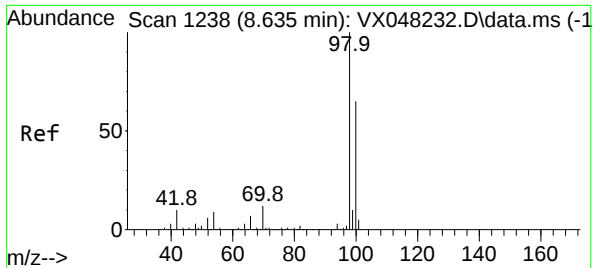
Tgt Ion:117 Resp: 7228
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.554 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 83 Resp: 824
Ion Ratio Lower Upper
83 100
55 81.9 66.2 99.2
98 63.8 38.9 58.3#

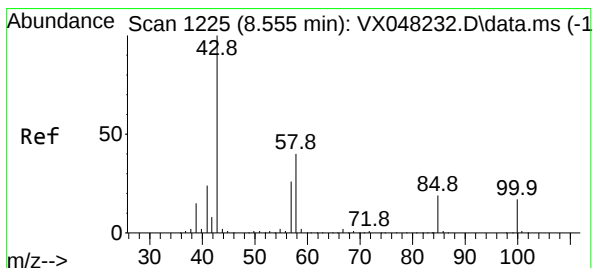
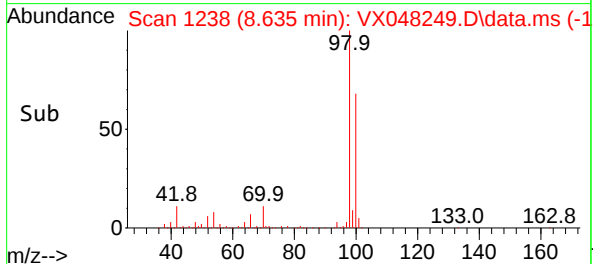
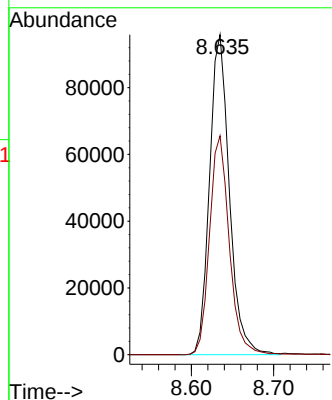
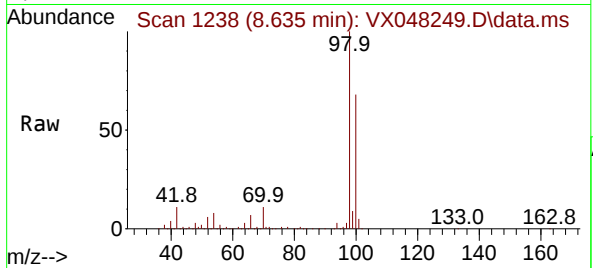




#50
Toluene-d8
Concen: 51.655 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

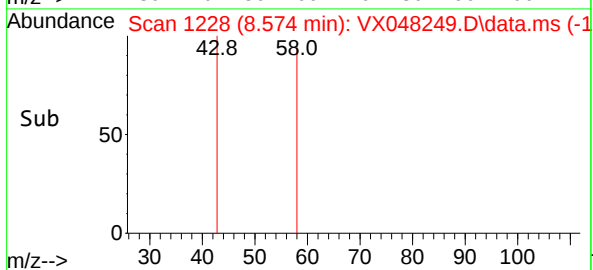
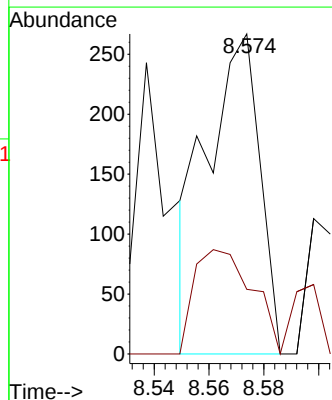
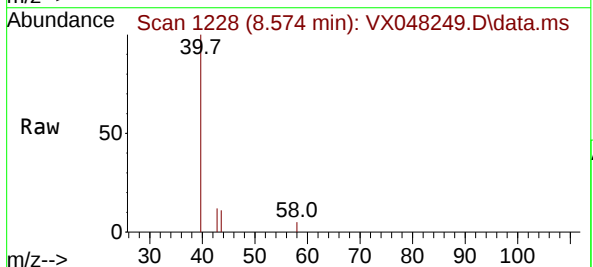
Instrument :
MSVOA_X
ClientSampleId :
4174

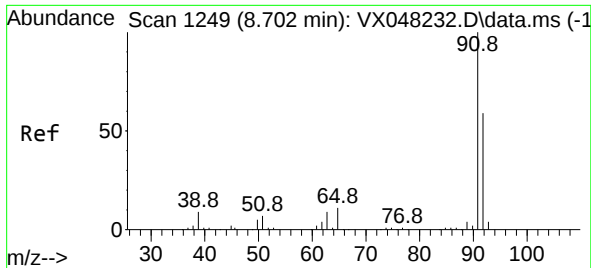
Tgt Ion: 98 Resp: 160516
Ion Ratio Lower Upper
98 100
100 68.2 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.361 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.018 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
58 35.9 29.5 44.3

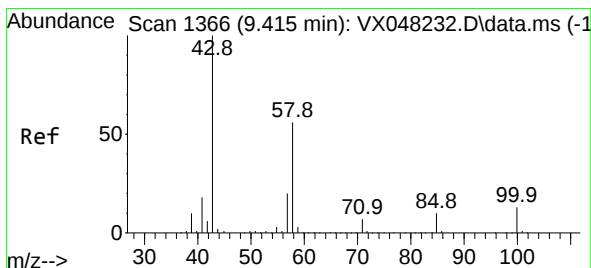
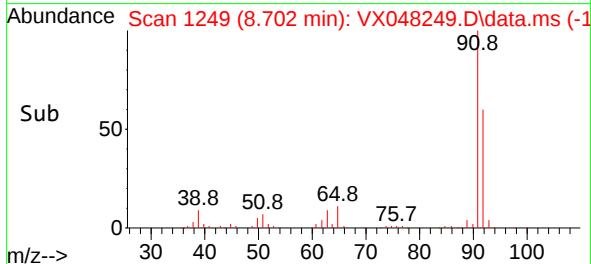
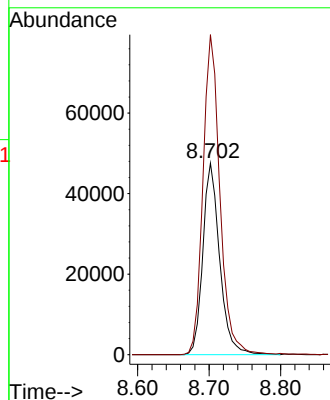
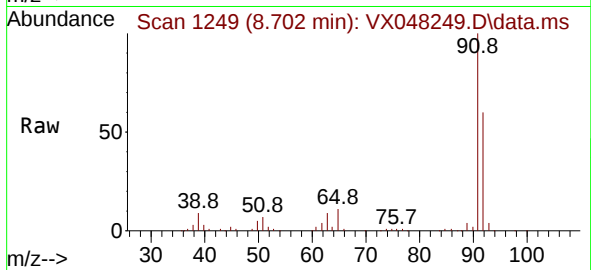




#52
Toluene
Concen: 33.483 ug/l
RT: 8.702 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

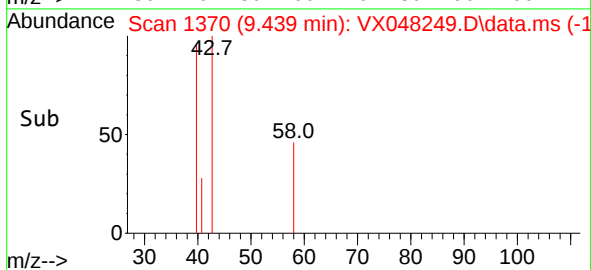
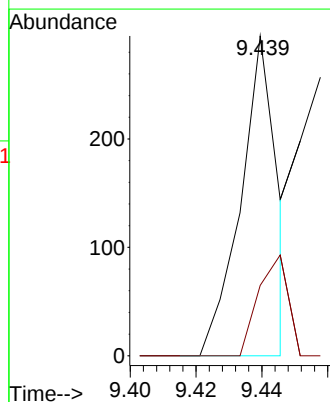
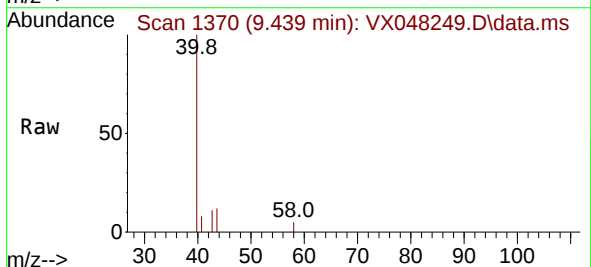
Instrument :
MSVOA_X
ClientSampleId :
4174

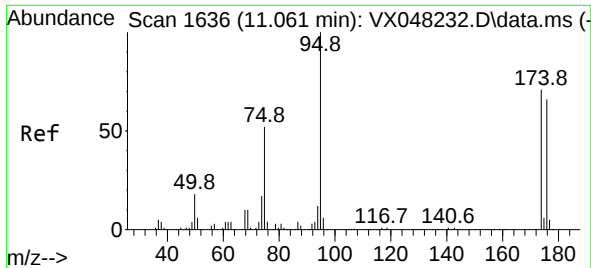
Tgt Ion: 92 Resp: 77818
Ion Ratio Lower Upper
92 100
91 168.4 136.1 204.1



#59
2-Hexanone
Concen: 0.331 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.024 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
58 25.4 26.3 78.8#

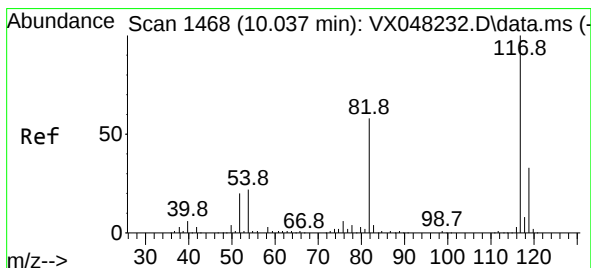
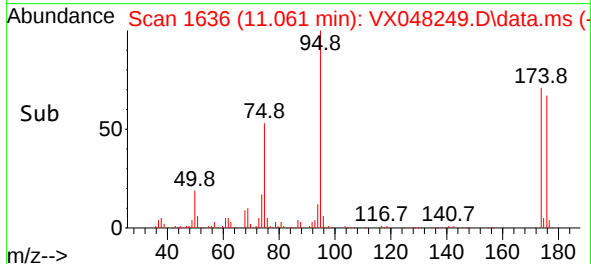
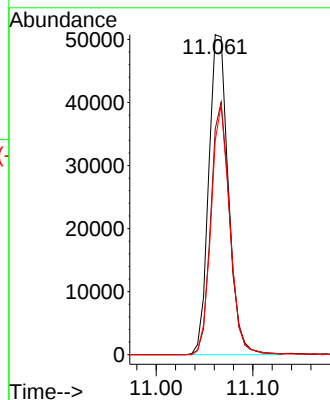
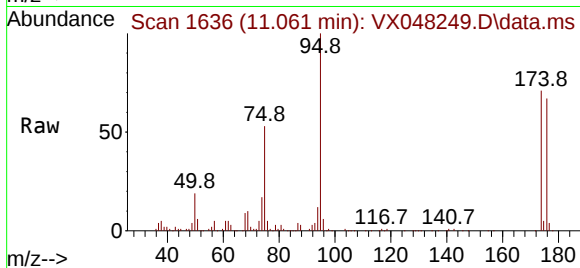




#62
4-Bromofluorobenzene
Concen: 60.510 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

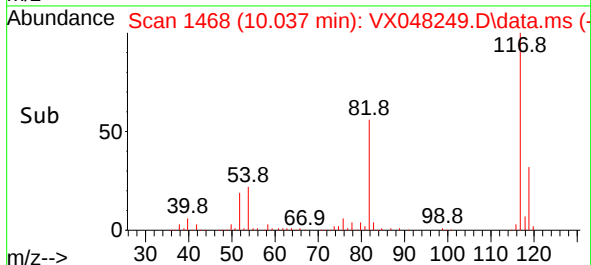
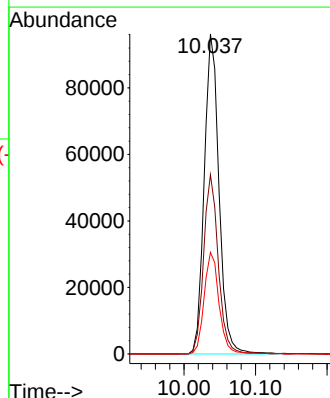
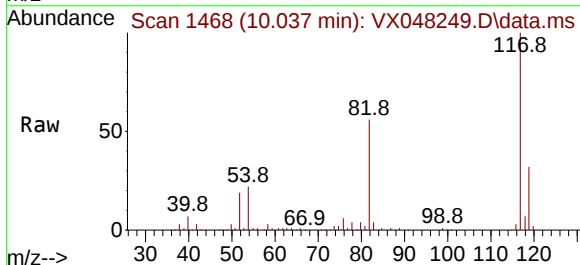
Instrument :
MSVOA_X
ClientSampleId :
4174

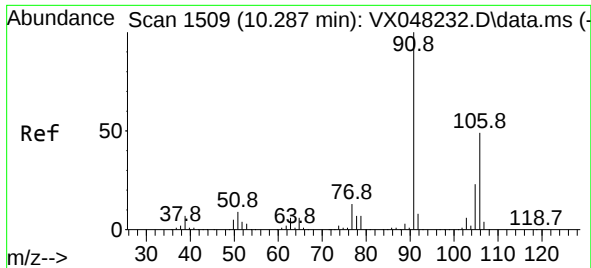
Tgt Ion: 95 Resp: 71532
Ion Ratio Lower Upper
95 100
174 75.9 0.0 147.8
176 74.4 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 117 Resp: 138130
Ion Ratio Lower Upper
117 100
82 56.0 46.5 69.7
119 31.7 25.9 38.9

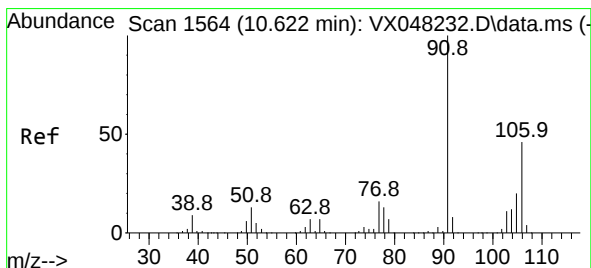
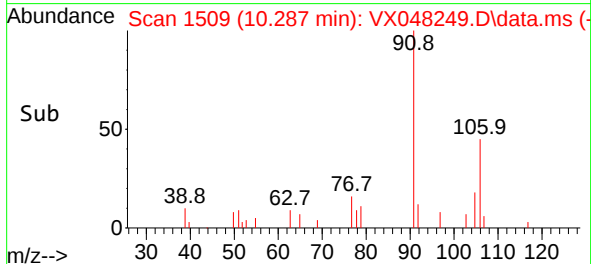
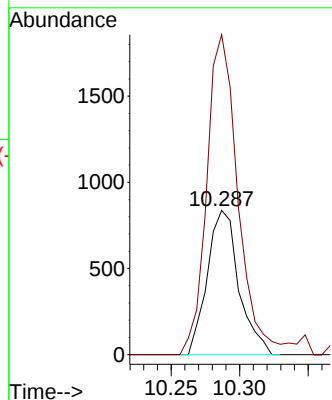
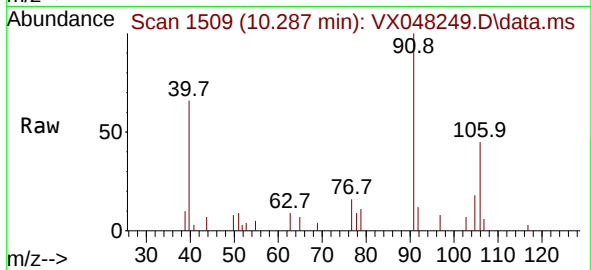




#68
m/p-Xylenes
Concen: 0.682 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

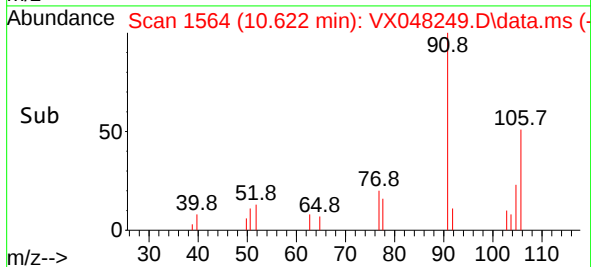
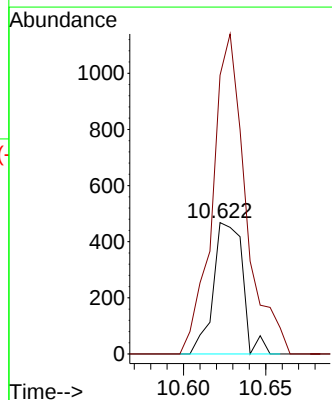
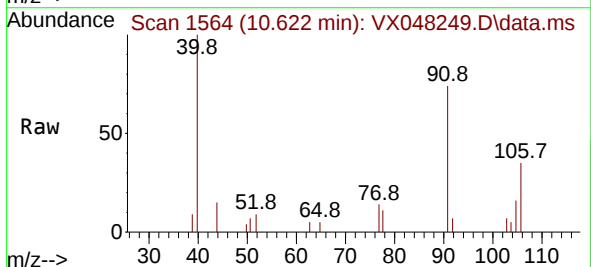
Instrument :
MSVOA_X
ClientSampleId :
4174

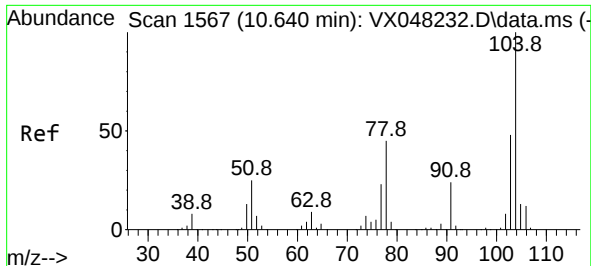
Tgt Ion:106 Resp: 1341
Ion Ratio Lower Upper
106 100
91 218.0 167.9 251.9



#69
o-Xylene
Concen: 0.305 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion:106 Resp: 579
Ion Ratio Lower Upper
106 100
91 277.7 111.3 333.9

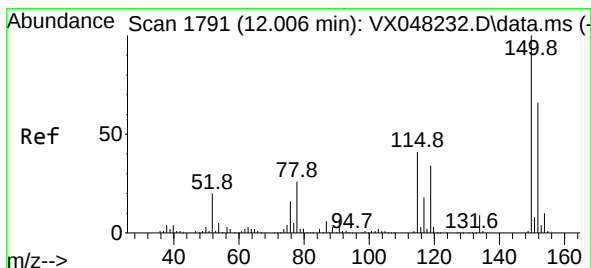
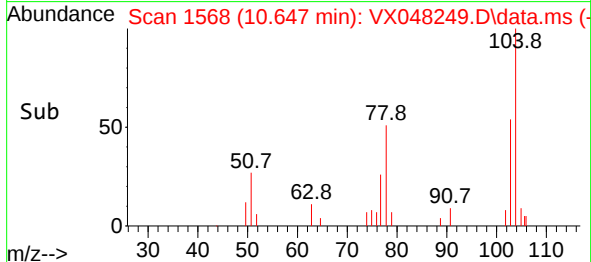
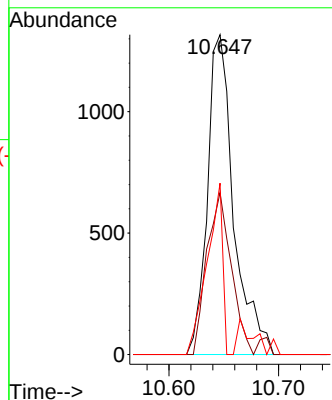
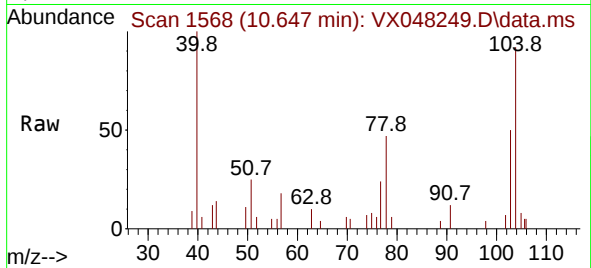




#70
Styrene
Concen: 0.678 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

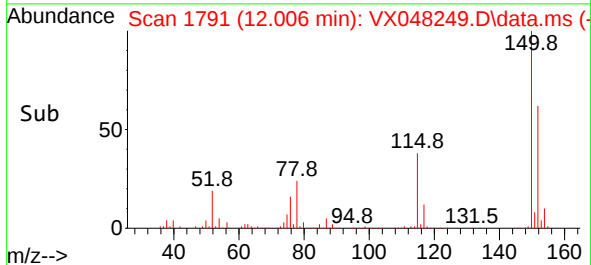
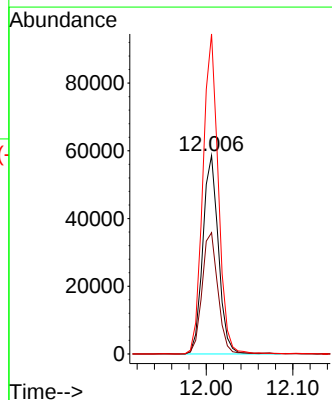
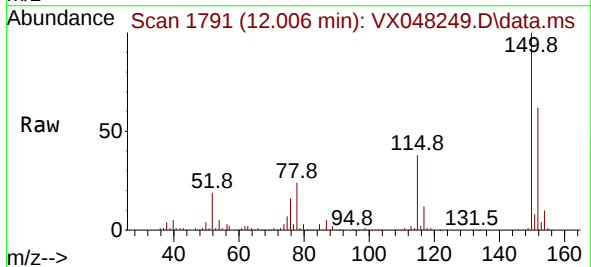
Instrument :
MSVOA_X
ClientSampleId :
4174

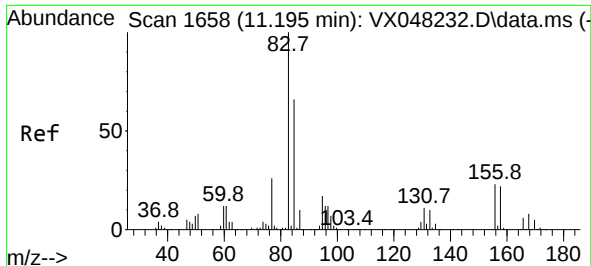
Tgt Ion:104 Resp: 2191
Ion Ratio Lower Upper
104 100
78 47.1 42.2 63.4
103 31.7 43.0 64.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion:152 Resp: 73374
Ion Ratio Lower Upper
152 100
115 62.0 43.1 129.4
150 158.8 0.0 353.0

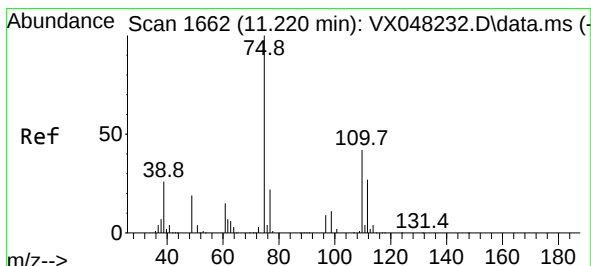
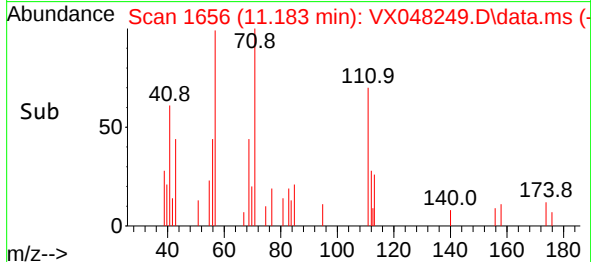
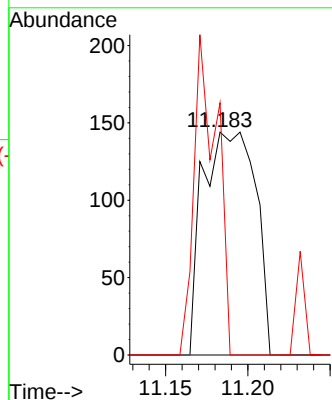
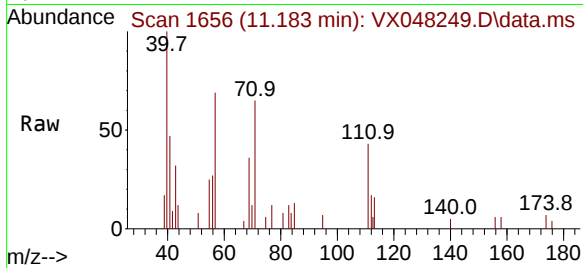




#75
1,1,2,2-Tetrachloroethane
Concen: 0.221 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.012 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

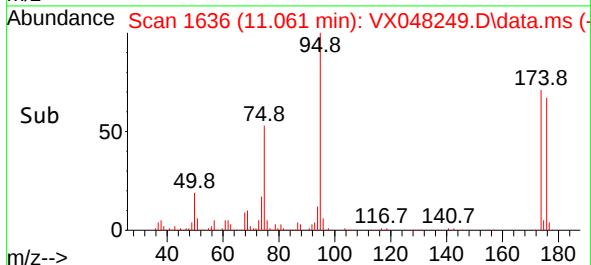
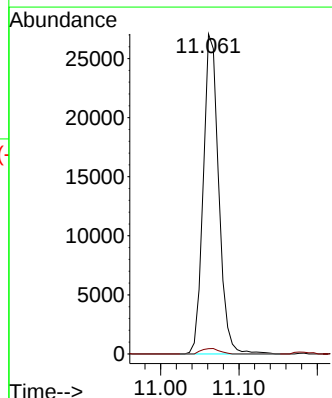
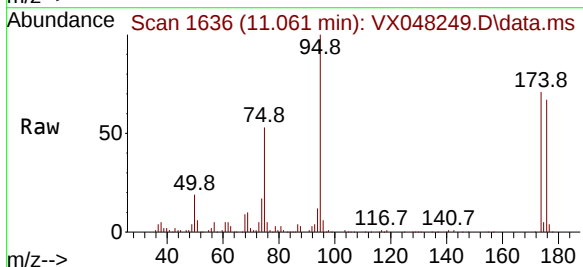
Instrument :
MSVOA_X
ClientSampleId :
4174

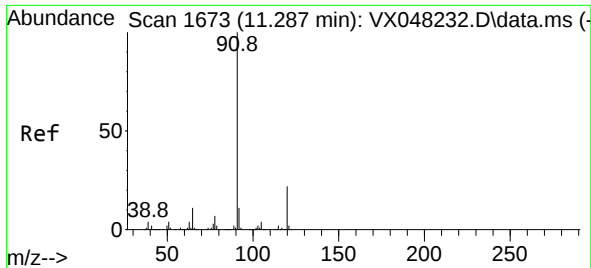
Tgt Ion: 83 Resp: 323
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 62.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 31.121 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 75 Resp: 37030
Ion Ratio Lower Upper
75 100
77 2.0 22.4 67.2#

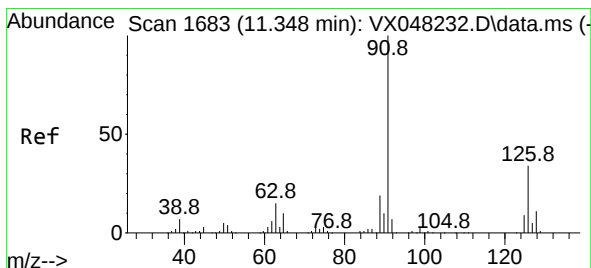
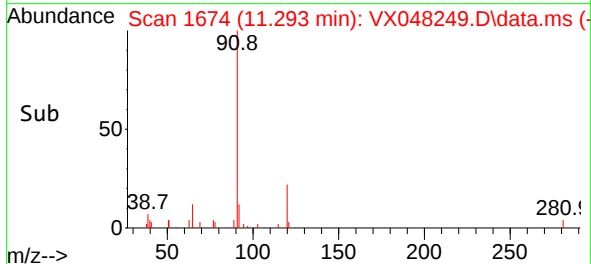
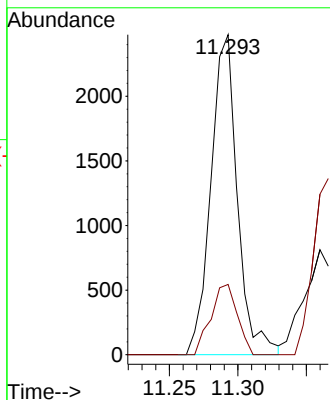
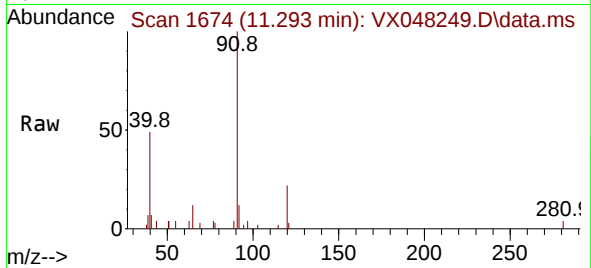




#78
n-propylbenzene
Concen: 0.537 ug/l
RT: 11.293 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

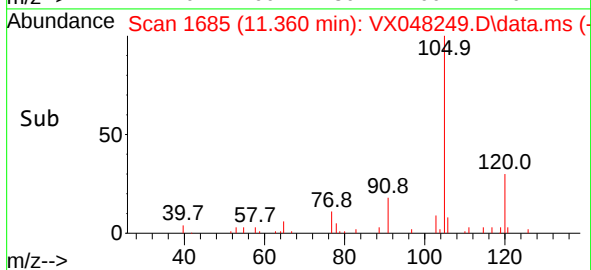
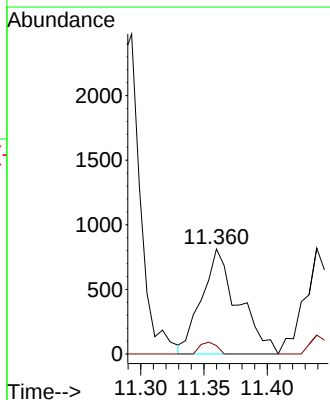
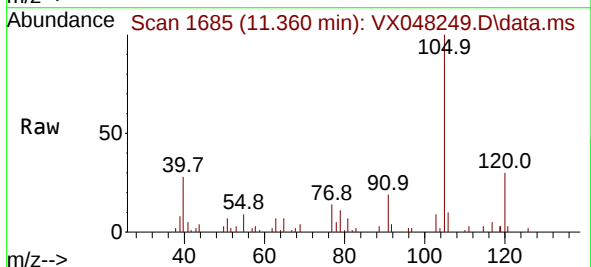
Instrument :
MSVOA_X
ClientSampleId :
4174

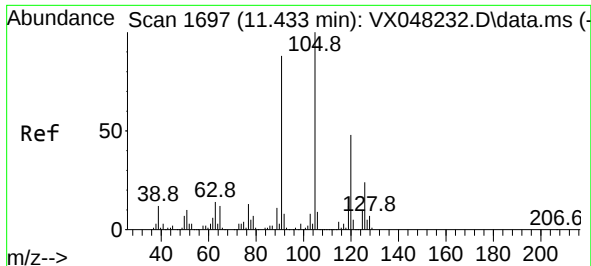
Tgt Ion: 91 Resp: 3331
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.1



#79
2-Chlorotoluene
Concen: 0.435 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.012 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 91 Resp: 1636
Ion Ratio Lower Upper
91 100
126 5.1 16.4 49.4#

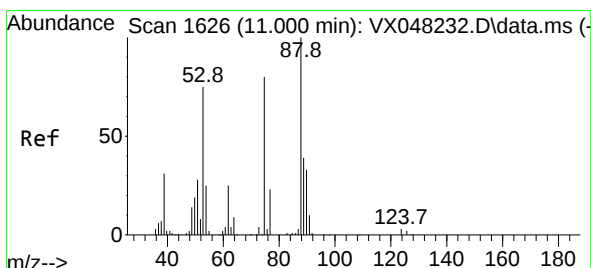
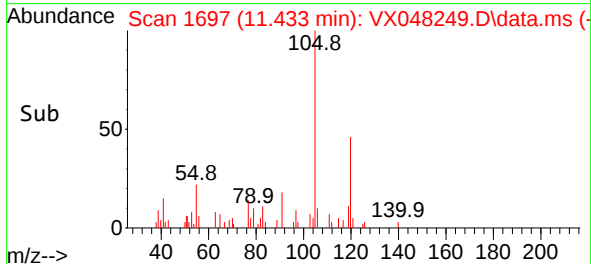
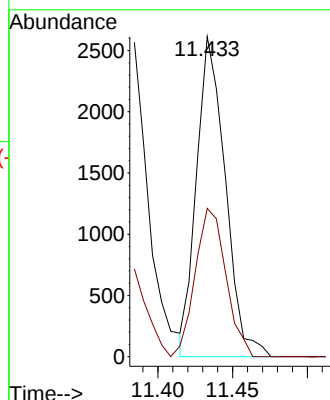
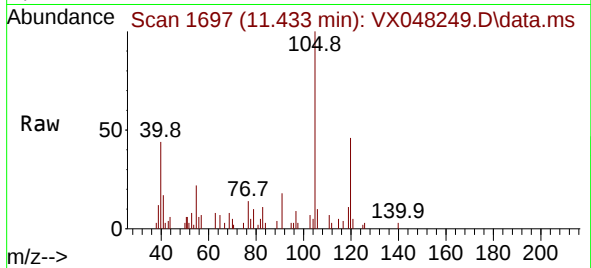




#80
1,3,5-Trimethylbenzene
Concen: 0.786 ug/l
RT: 11.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

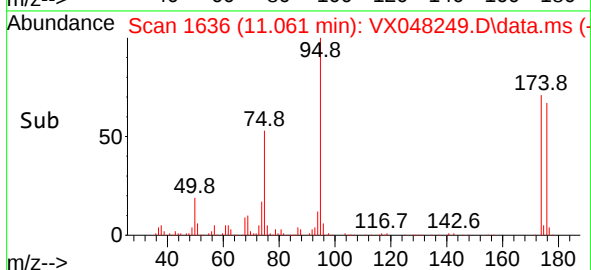
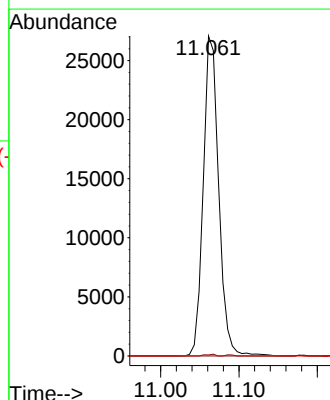
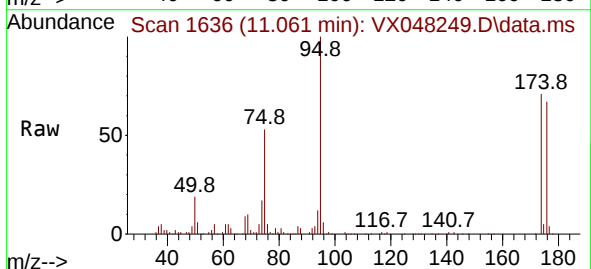
Instrument :
MSVOA_X
ClientSampleId :
4174

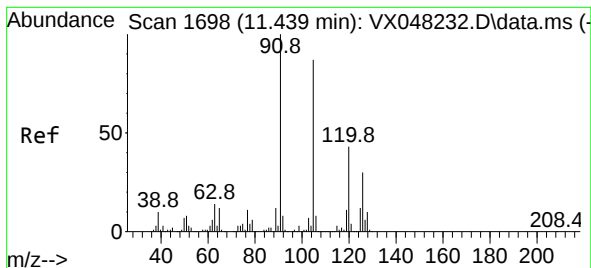
Tgt Ion:105 Resp: 3487
Ion Ratio Lower Upper
105 100
120 49.7 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 75.715 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 75 Resp: 37030
Ion Ratio Lower Upper
75 100
53 0.3 79.5 119.3#
89 0.0 36.8 55.2#

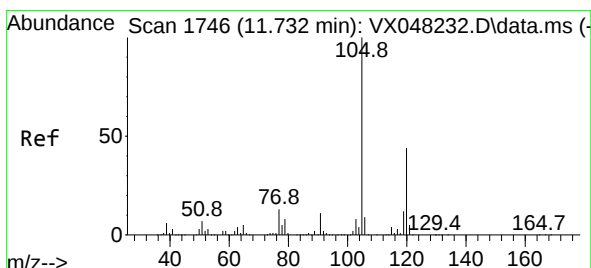
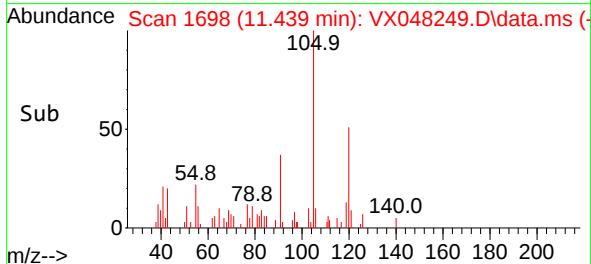
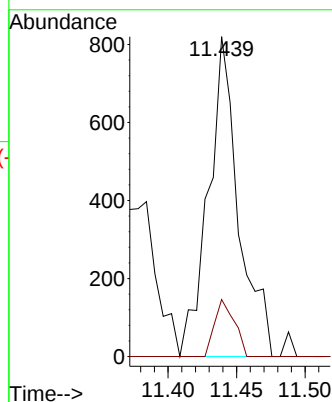
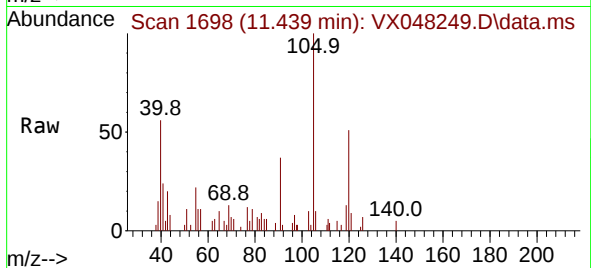




#82
4-Chlorotoluene
Concen: 0.281 ug/l
RT: 11.439 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

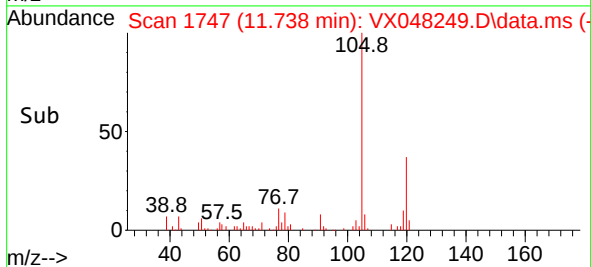
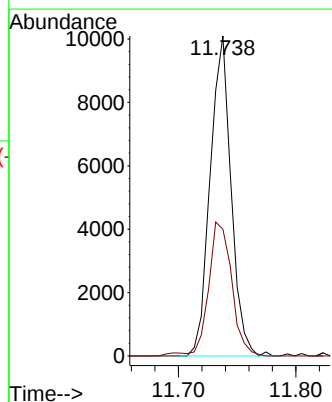
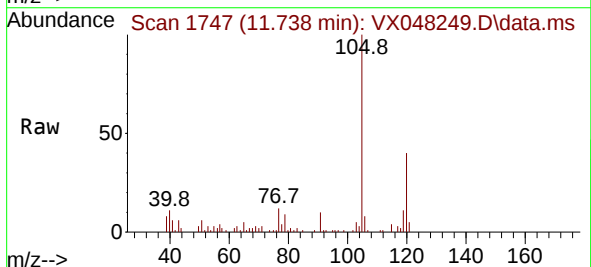
Instrument :
MSVOA_X
ClientSampleId :
4174

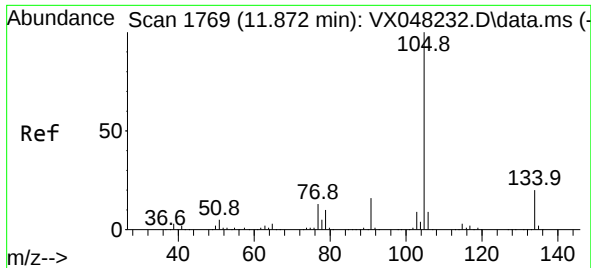
Tgt Ion: 91 Resp: 1256
Ion Ratio Lower Upper
91 100
126 11.7 14.1 42.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.816 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 105 Resp: 12462
Ion Ratio Lower Upper
105 100
120 46.5 22.1 66.5

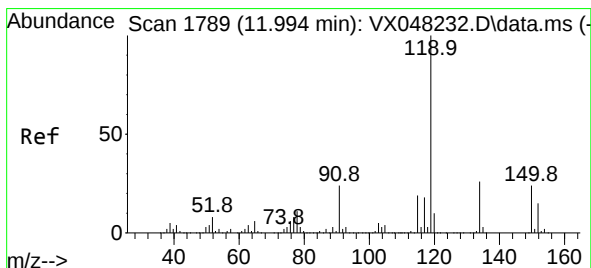
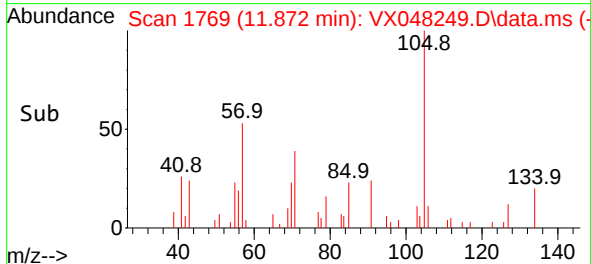
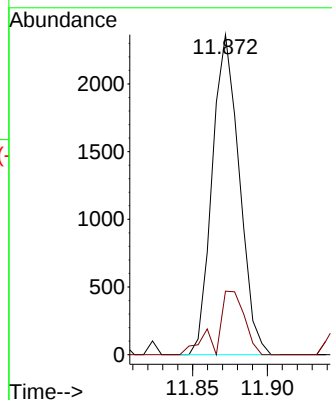
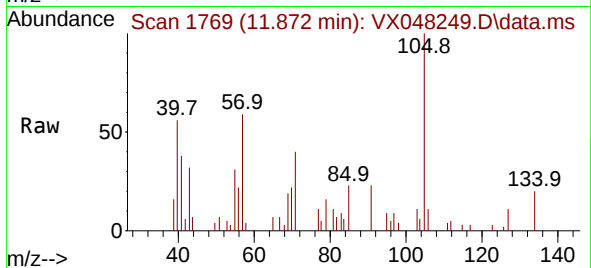




#85
 sec-Butylbenzene
 Concen: 0.543 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048249.D
 Acq: 20 Oct 2025 19:04

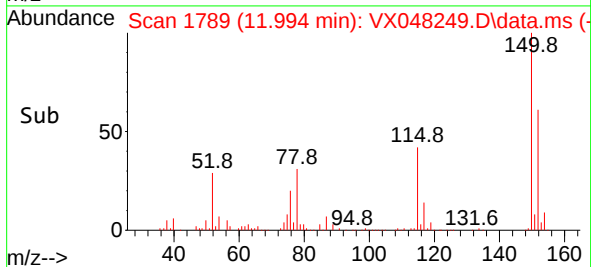
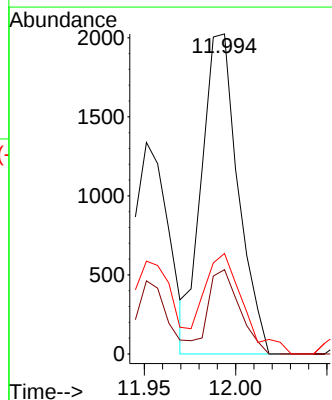
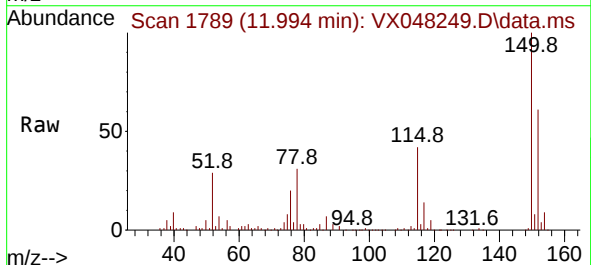
Instrument :
 MSVOA_X
 ClientSampleId :
 4174

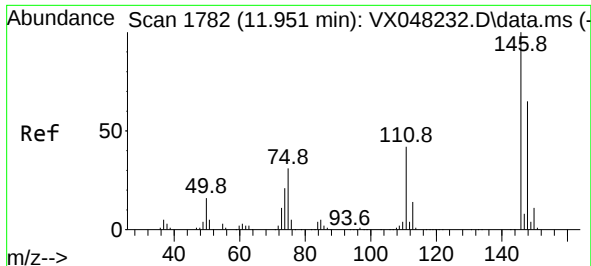
Tgt Ion:105 Resp: 2979
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.593 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048249.D
 Acq: 20 Oct 2025 19:04

Tgt Ion:119 Resp: 2810
 Ion Ratio Lower Upper
 119 100
 134 22.6 13.0 39.0
 91 33.0 12.1 36.3

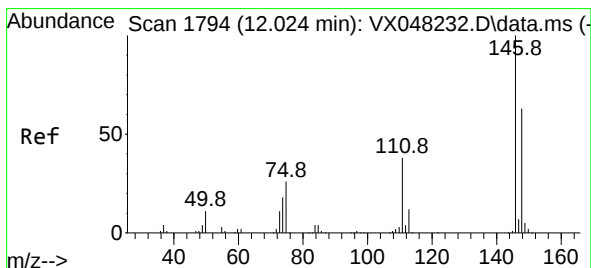
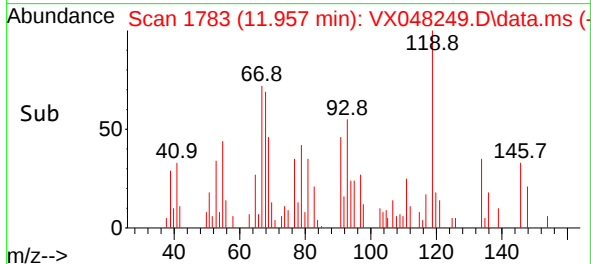
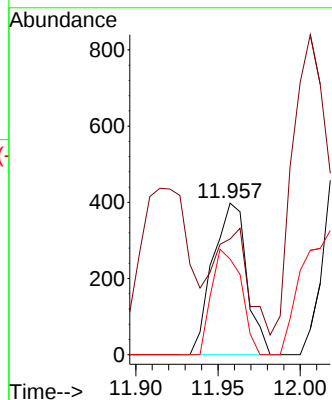
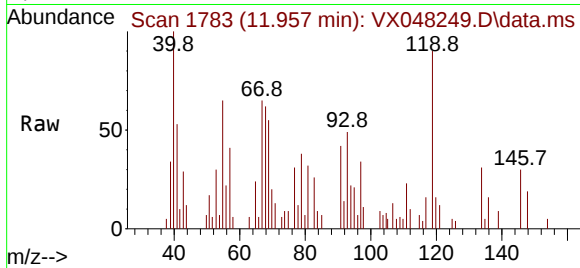




#87
1,3-Dichlorobenzene
Concen: 0.226 ug/l
RT: 11.957 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

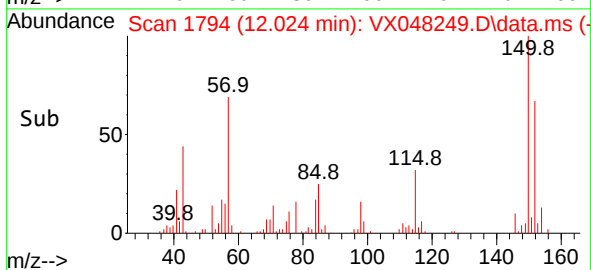
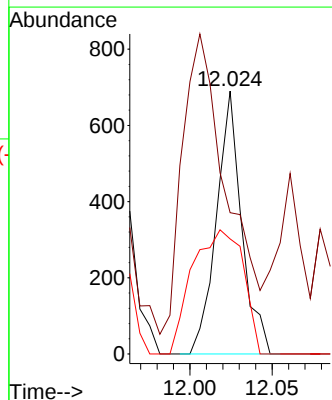
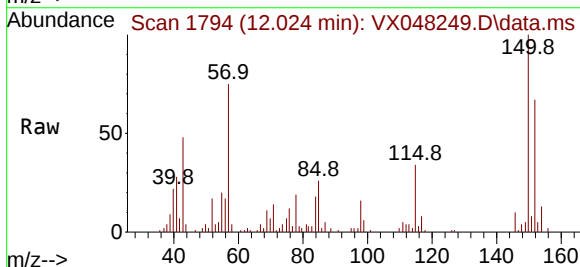
Instrument :
MSVOA_X
ClientSampleId :
4174

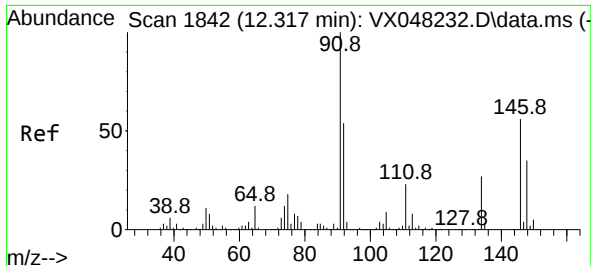
Tgt Ion:146 Resp: 572
Ion Ratio Lower Upper
146 100
111 69.2 20.4 61.2#
148 60.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 0.280 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion:146 Resp: 735
Ion Ratio Lower Upper
146 100
111 204.1 20.1 60.2#
148 95.2 31.8 95.3

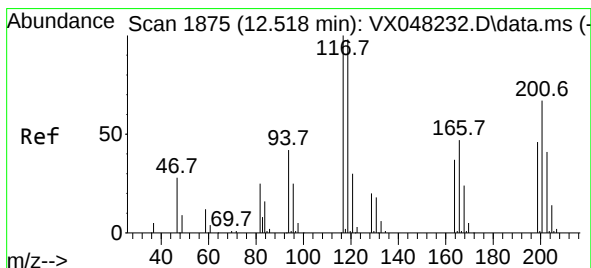
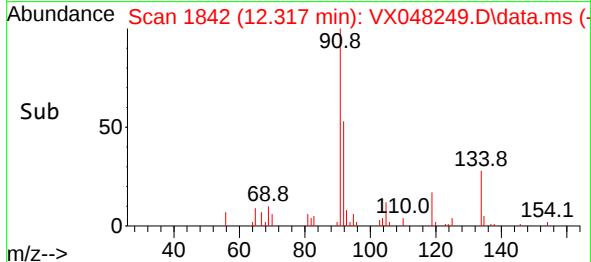
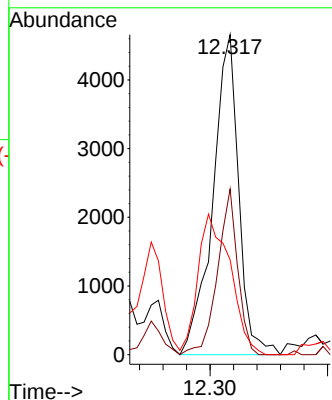
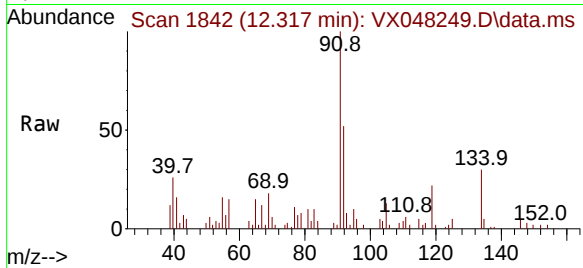




#89
n-Butylbenzene
Concen: 1.655 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

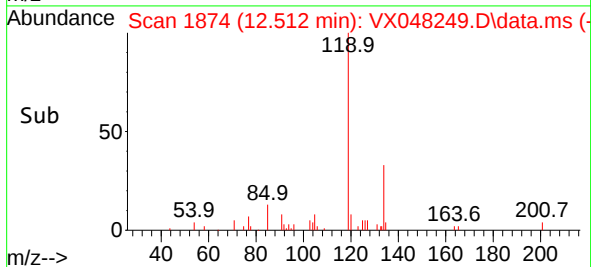
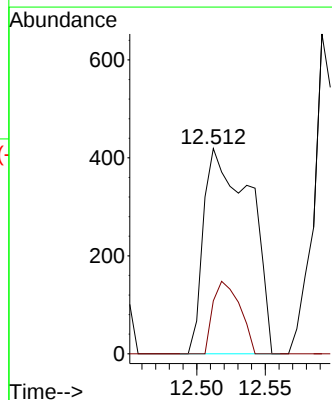
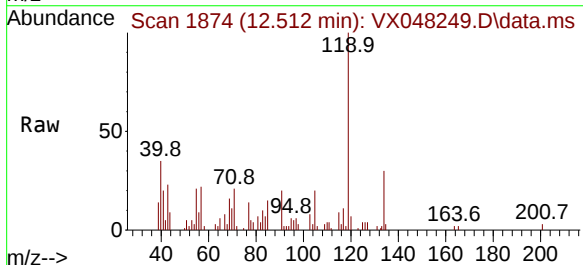
Instrument :
MSVOA_X
ClientSampleId :
4174

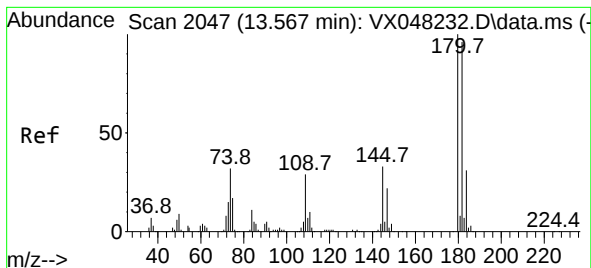
Tgt Ion: 91 Resp: 7137
Ion Ratio Lower Upper
91 100
92 40.3 26.9 80.6
134 54.6 12.7 38.1#



#90
Hexachloroethane
Concen: 1.058 ug/l
RT: 12.512 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VX048249.D
Acq: 20 Oct 2025 19:04

Tgt Ion: 117 Resp: 990
Ion Ratio Lower Upper
117 100
201 20.5 34.1 102.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.923 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048249.D

Acq: 20 Oct 2025 19:04

Instrument :

MSVOA_X

ClientSampleId :

4174

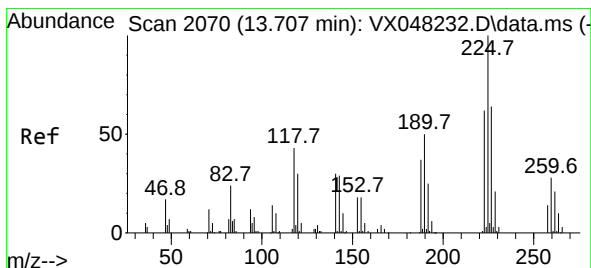
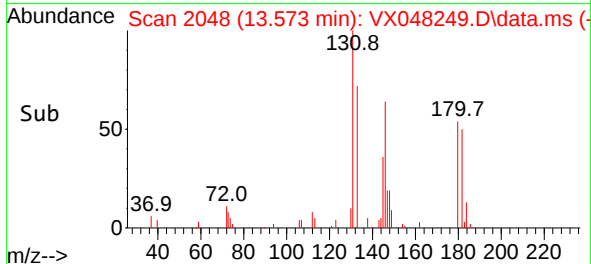
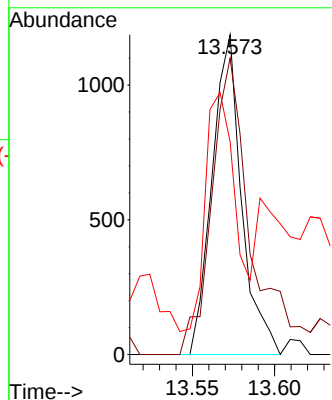
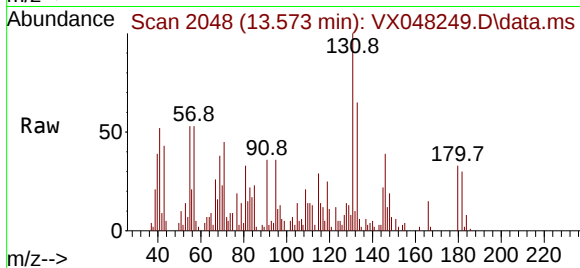
Tgt Ion:180 Resp: 1484

Ion Ratio Lower Upper

180 100

182 123.3 47.3 142.0

145 75.5 16.3 48.9#



#94

Hexachlorobutadiene

Concen: 1.952 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048249.D

Acq: 20 Oct 2025 19:04

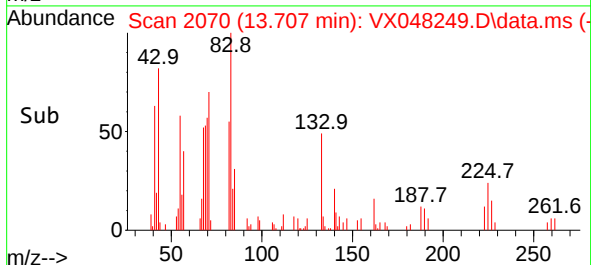
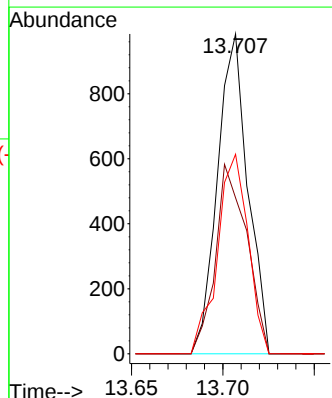
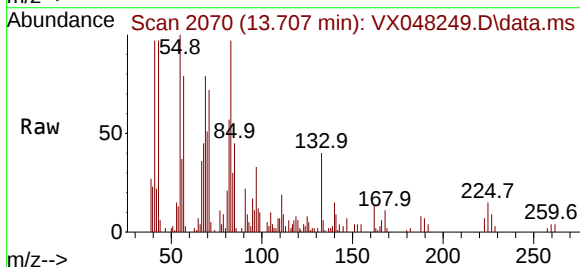
Tgt Ion:225 Resp: 1138

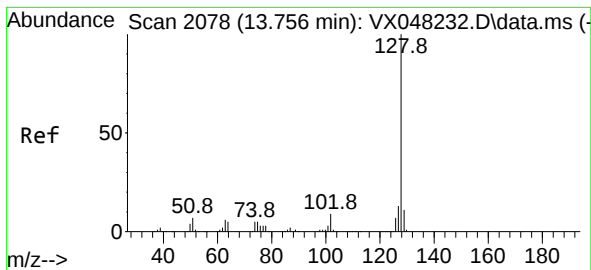
Ion Ratio Lower Upper

225 100

223 61.0 32.6 97.7

227 62.9 32.5 97.4





#95

Naphthalene

Concen: 1.742 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048249.D

Acq: 20 Oct 2025 19:04

Instrument :

MSVOA_X

ClientSampleId :

4174

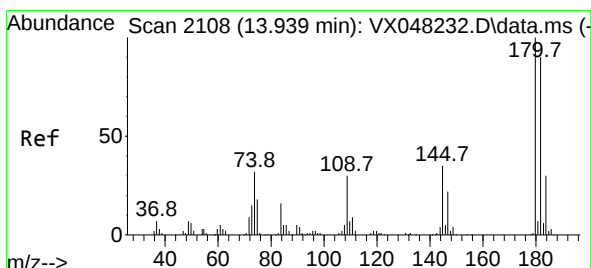
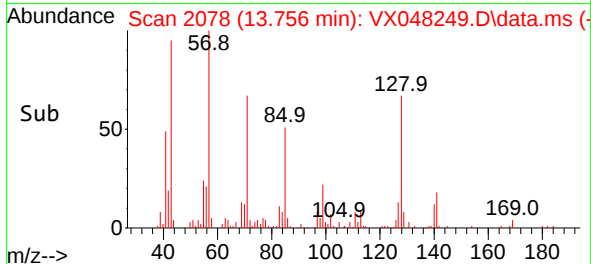
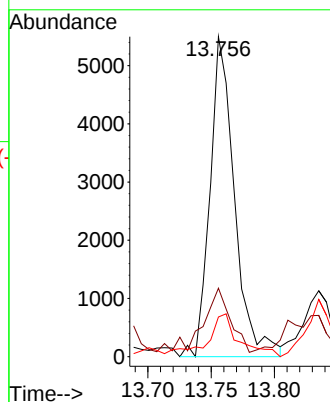
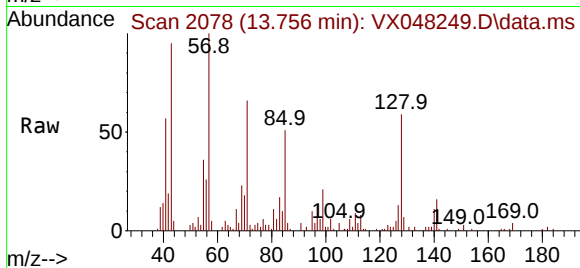
Tgt Ion:128 Resp: 7423

Ion Ratio Lower Upper

128 100

127 22.2 10.2 15.4#

129 17.4 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 1.241 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048249.D

Acq: 20 Oct 2025 19:04

Tgt Ion:180 Resp: 1831

Ion Ratio Lower Upper

180 100

182 73.3 46.6 139.7

145 91.9 16.9 50.7#

