

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047643.D
 Acq On : 18 Sep 2025 16:03
 Operator : JC/MD
 Sample : Q3095-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20250909

Quant Time: Sep 22 03:38:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

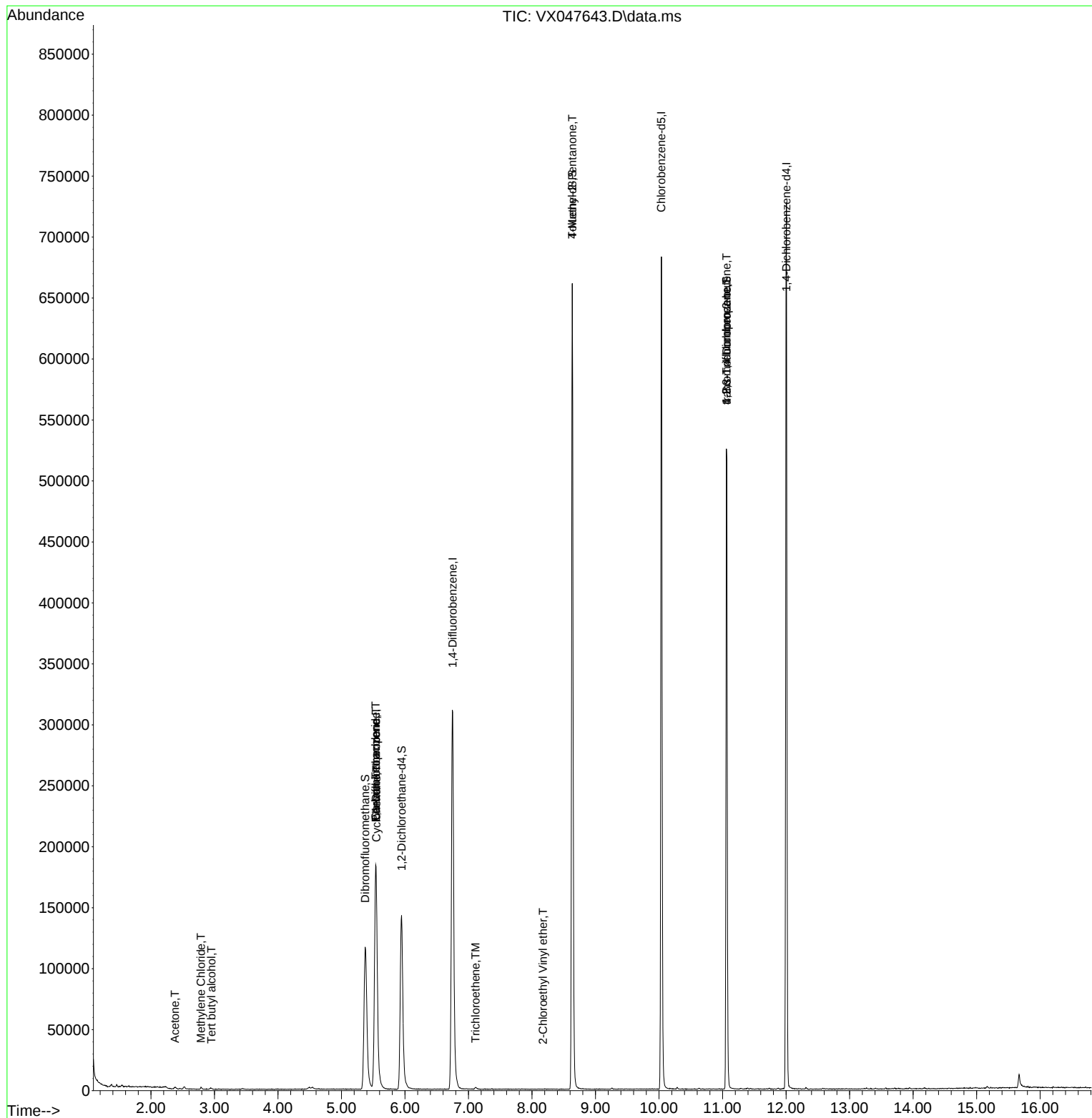
Internal Standards						
1) Pentafluorobenzene	5.544	168	186629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	342621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	313823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	154464	51.996	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.000%		
35) Dibromofluoromethane	5.373	113	116621	50.753	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.500%		
50) Toluene-d8	8.635	98	404061	50.820	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.640%		
62) 4-Bromofluorobenzene	11.061	95	154855	51.319	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	140	0.423	ug/l #	72
16) Acetone	2.380	43	1862	1.442	ug/l #	1
20) Methylene Chloride	2.788	84	583	0.213	ug/l #	71
31) Cyclohexane	5.550	56	4332	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	15861	4.724	ug/l #	51
38) Carbon Tetrachloride	5.538	117	18967	5.199	ug/l #	17
44) Trichloroethene	7.110	130	563	0.228	ug/l	93
51) 4-Methyl-2-Pentanone	8.635	43	2139	0.654	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.171	63	45	7.917	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	80675	26.000	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	80675	66.303	ug/l #	8

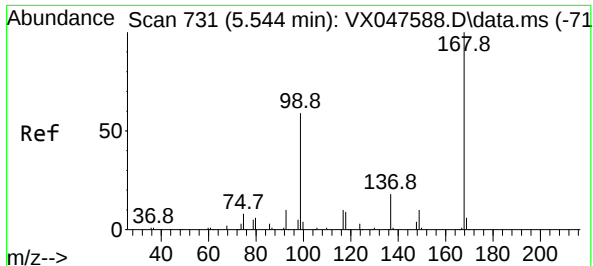
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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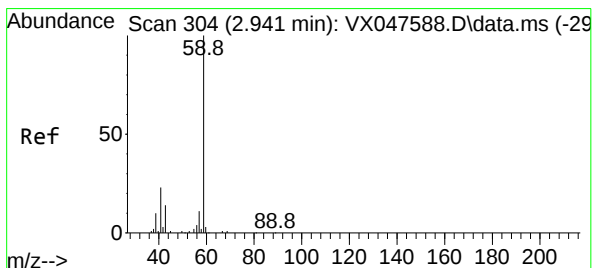
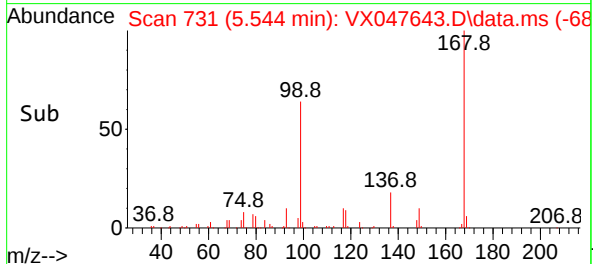
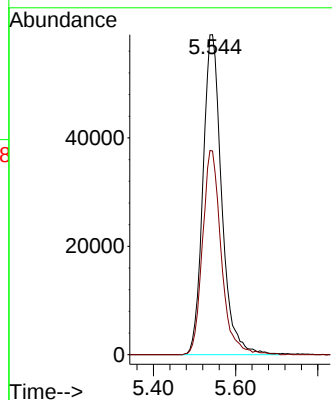
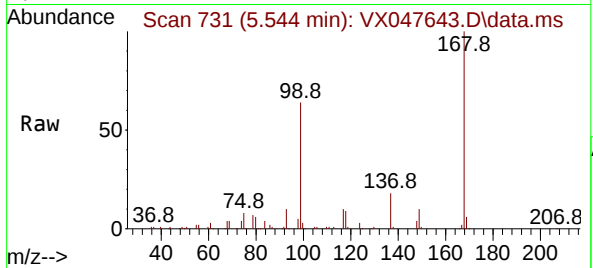




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

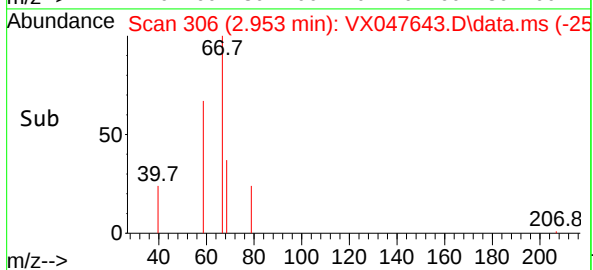
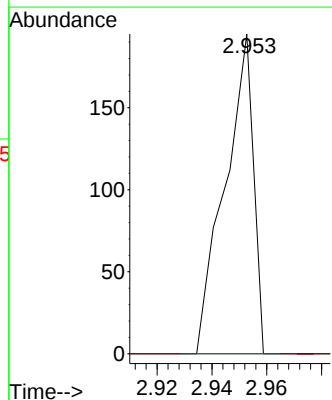
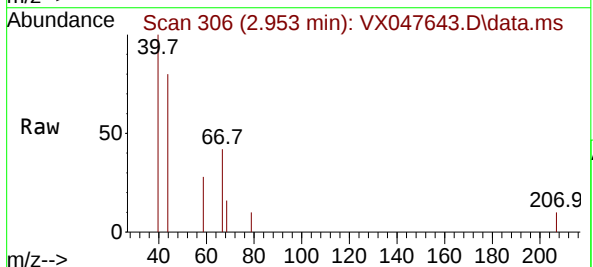
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20250909

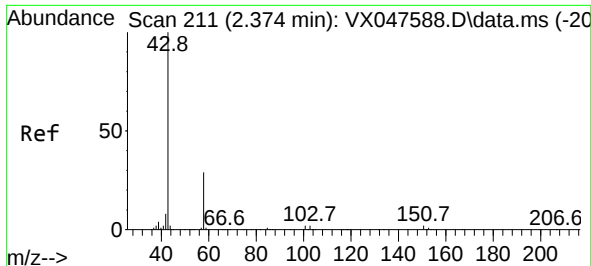
Tgt Ion:168 Resp: 186629
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.423 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

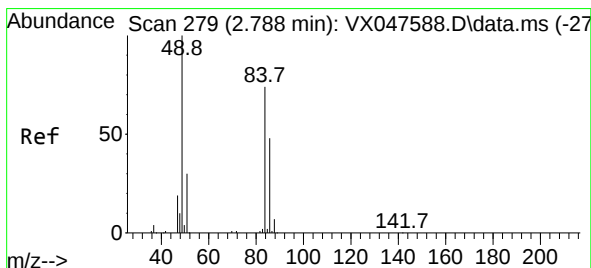
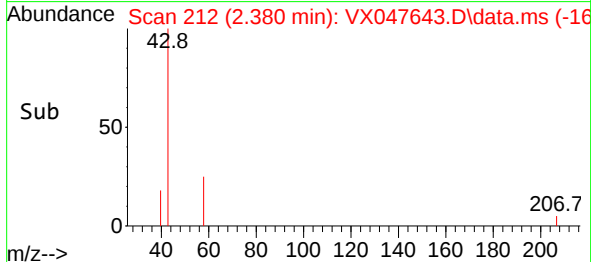
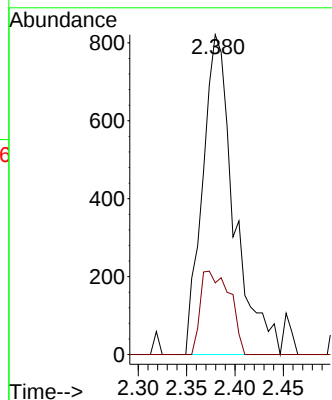
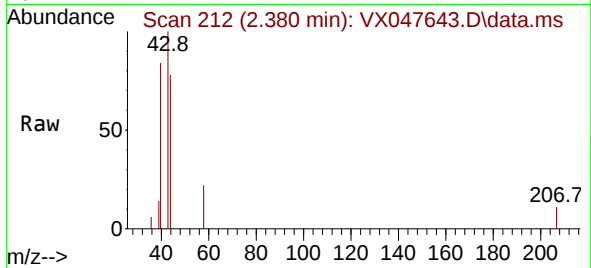




#16
Acetone
Concen: 1.442 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

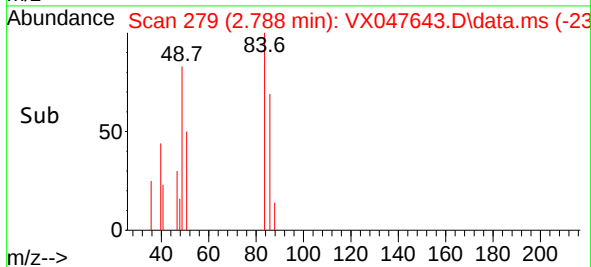
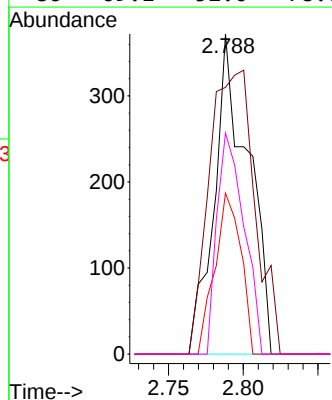
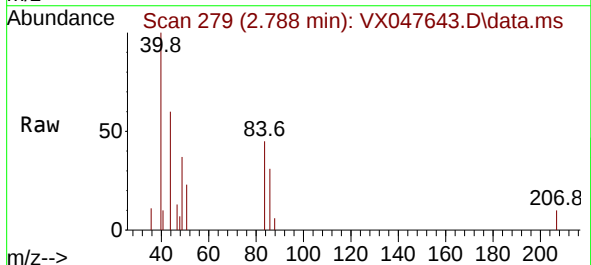
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20250909

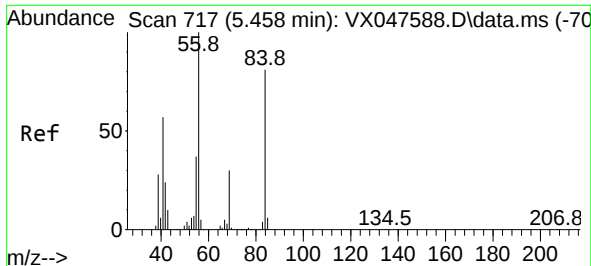
Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
58 128.7 23.4 35.0#



#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

Tgt Ion: 84 Resp: 583
Ion Ratio Lower Upper
84 100
49 83.3 108.6 162.8#
51 50.3 32.6 48.8#
86 69.1 52.0 78.0

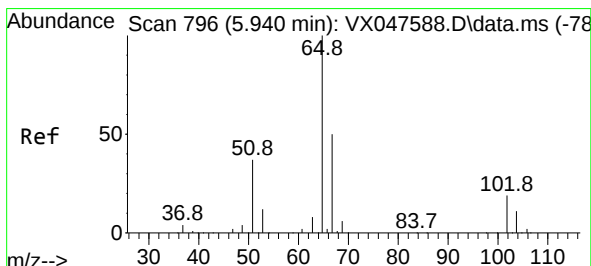
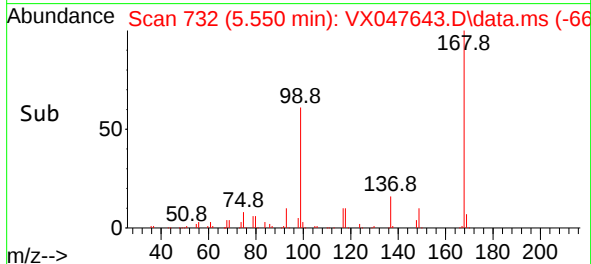
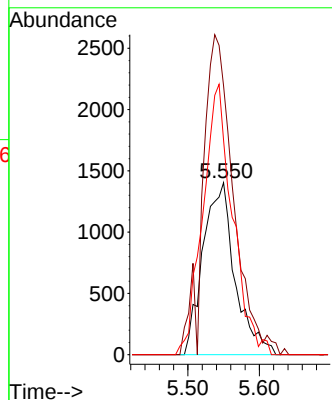
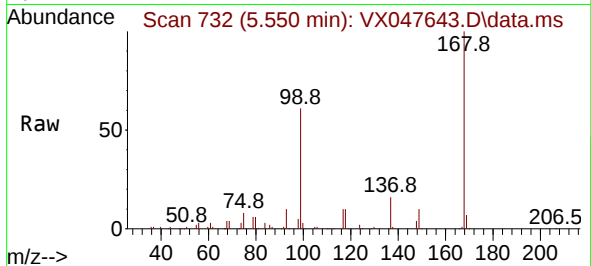




#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

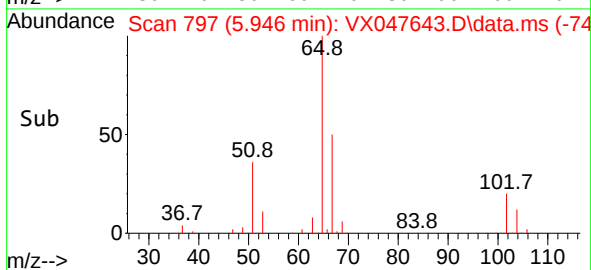
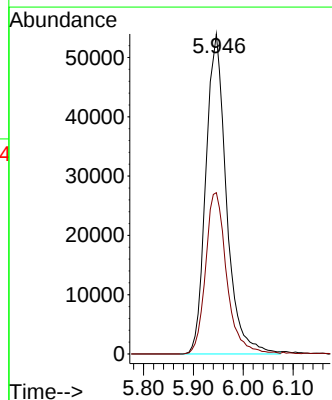
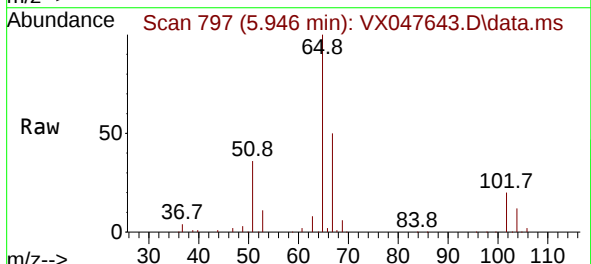
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20250909

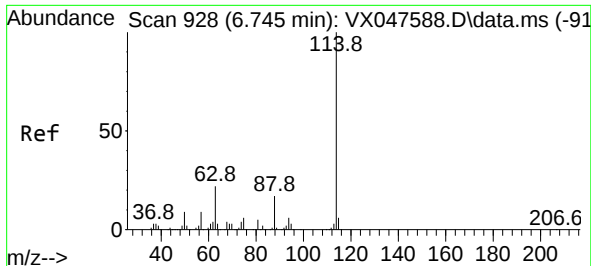
Tgt Ion: 56 Resp: 4332
Ion Ratio Lower Upper
56 100
69 156.3 23.8 35.8#
84 124.7 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 51.996 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

Tgt Ion: 65 Resp: 154464
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

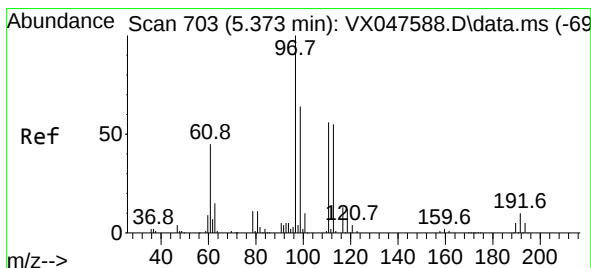
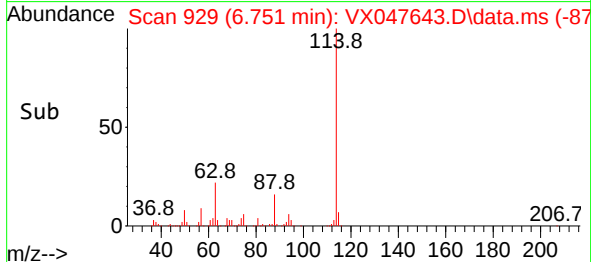
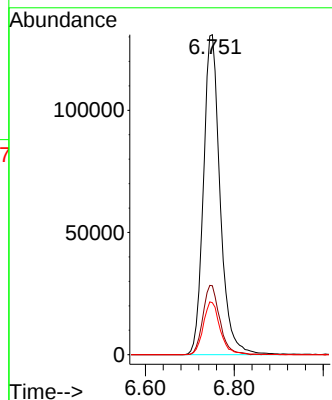
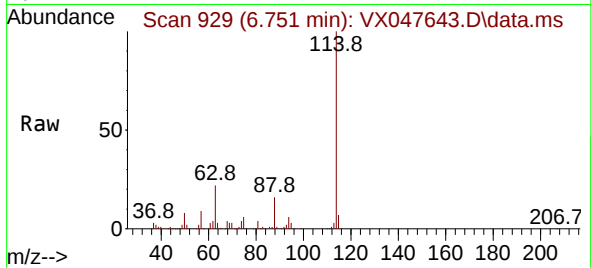




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

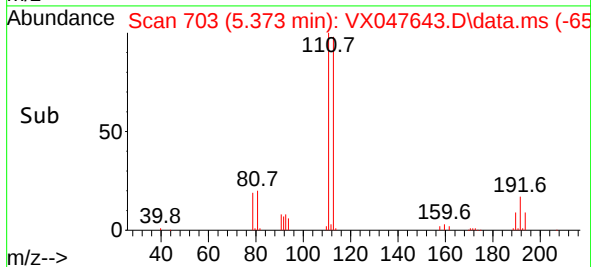
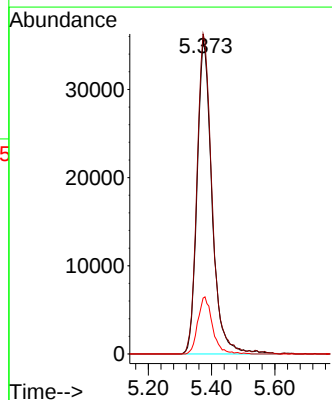
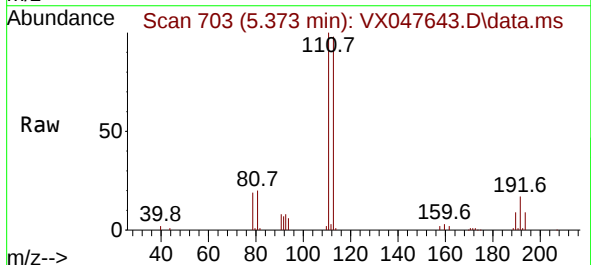
Instrument :
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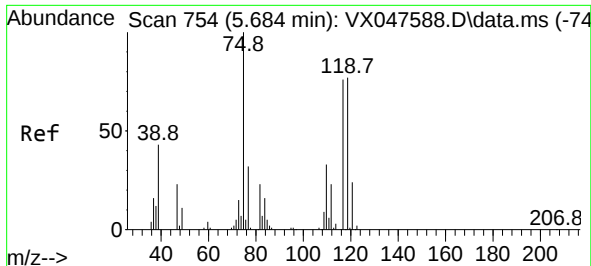
Tgt Ion:114 Resp: 342621
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.753 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

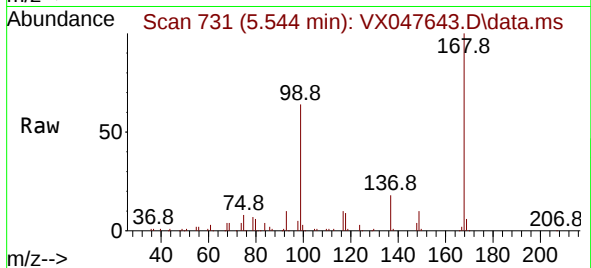
Tgt Ion:113 Resp: 116621
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.8 14.2 21.4



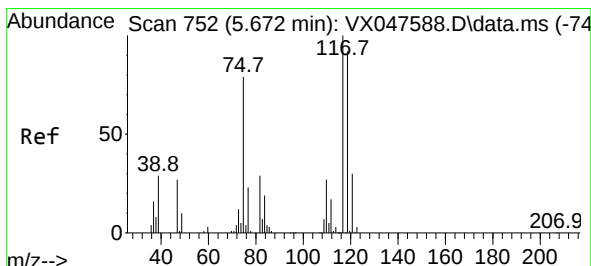
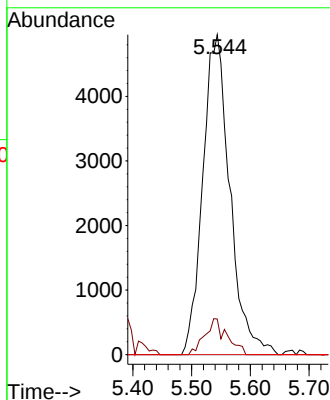
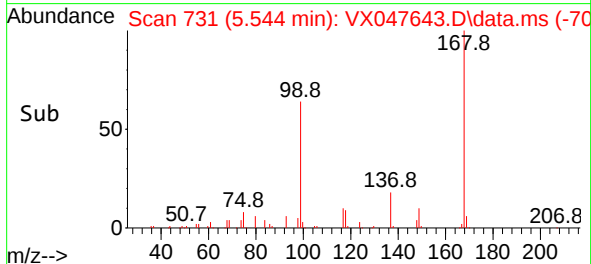


#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

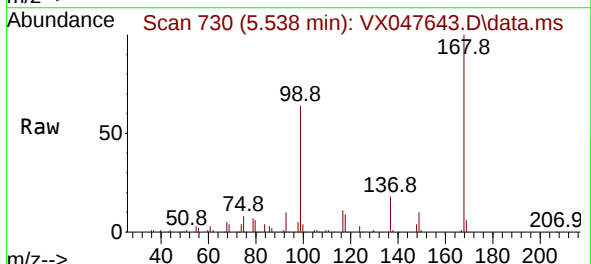
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MSVOA_X
ClientSampleId :
RE123D3-20250909



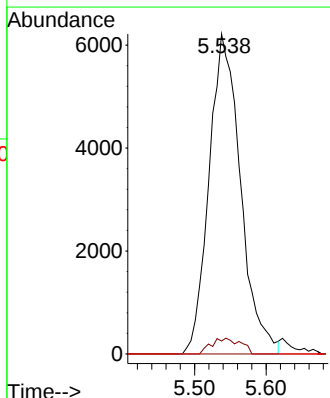
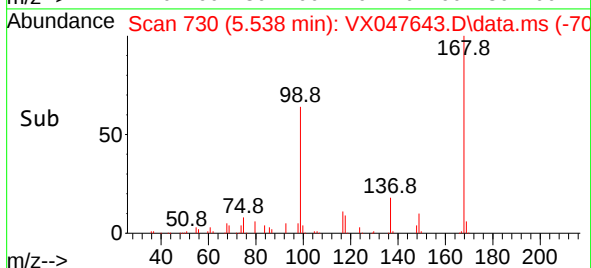
Tgt Ion: 75 Resp: 15861
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.1#
77 0.0 24.3 36.5#

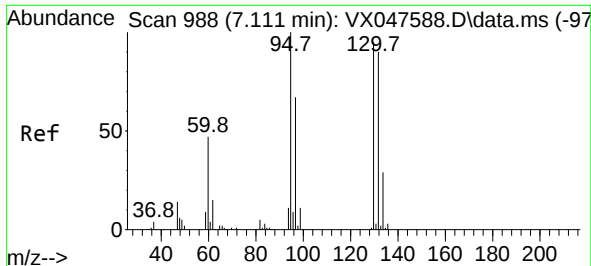


#38
Carbon Tetrachloride
Concen: 5.199 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03



Tgt Ion: 117 Resp: 18967
Ion Ratio Lower Upper
117 100
119 4.0 73.4 110.2#
121 0.0 23.8 35.6#

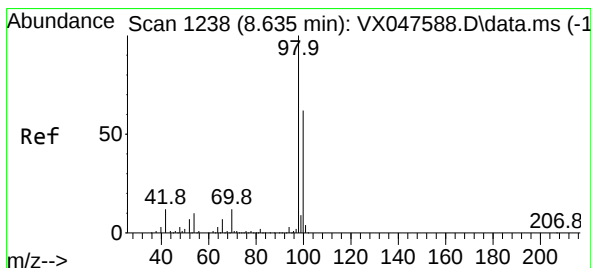
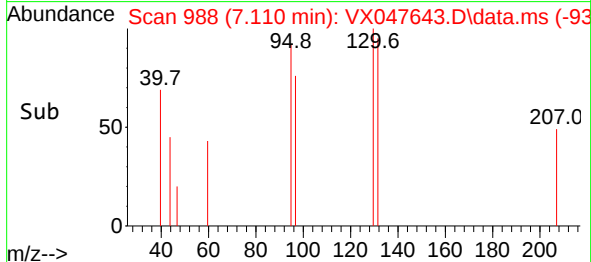
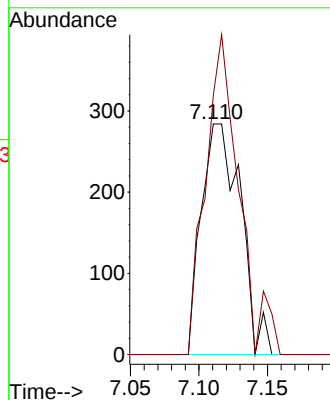
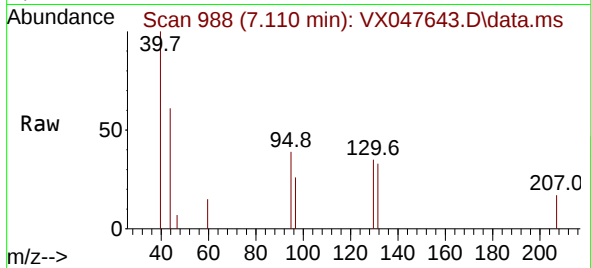




#44
Trichloroethene
Concen: 0.228 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

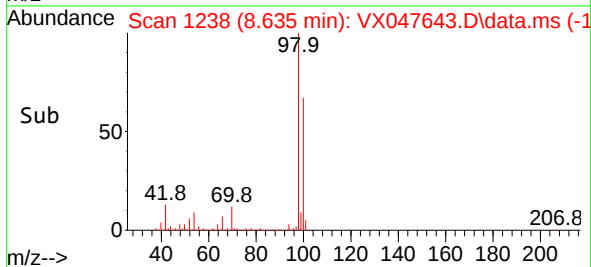
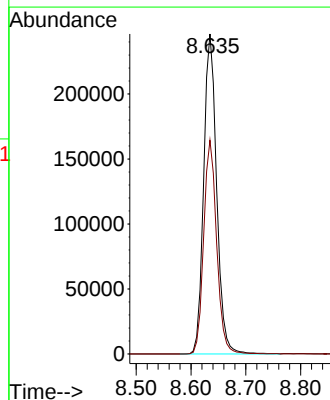
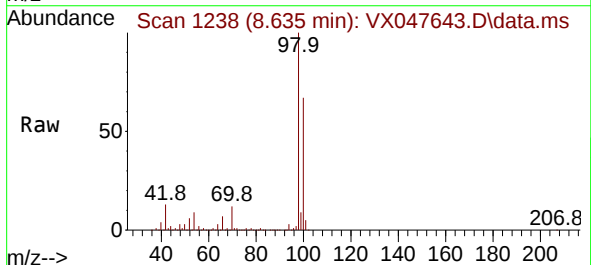
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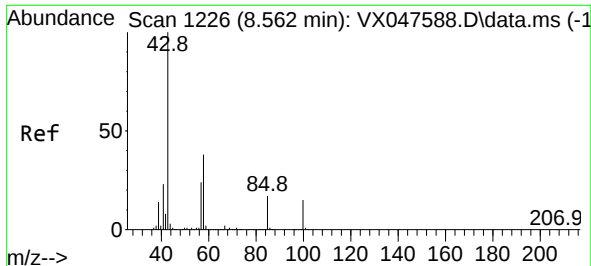
Tgt Ion:130 Resp: 563
Ion Ratio Lower Upper
130 100
95 112.3 0.0 210.8



#50
Toluene-d8
Concen: 50.820 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

Tgt Ion: 98 Resp: 404061
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

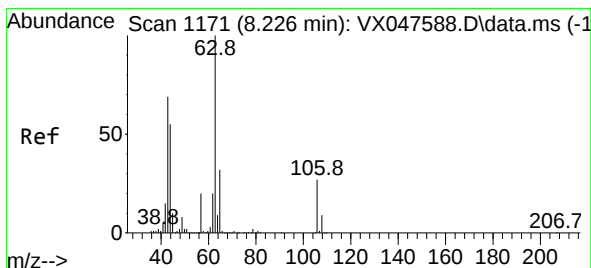
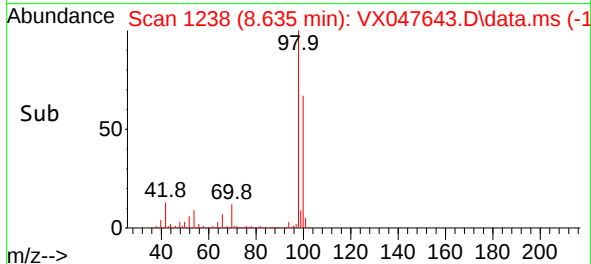
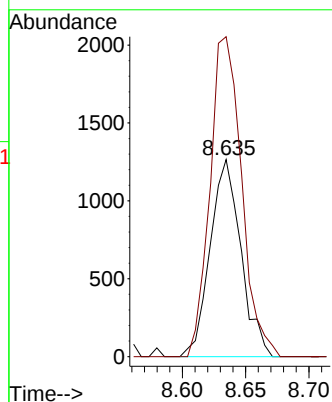
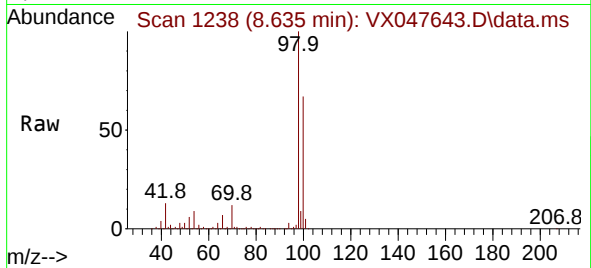




#51
4-Methyl-2-Pentanone
Concen: 0.654 ug/l
RT: 8.635 min Scan# 1162
Delta R.T. 0.073 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

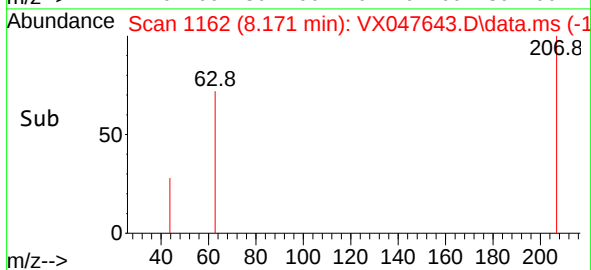
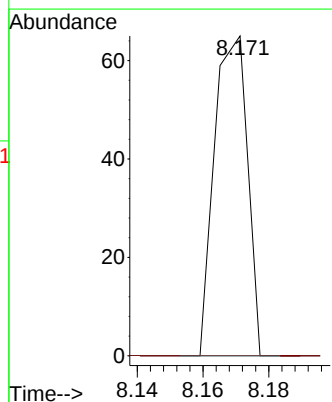
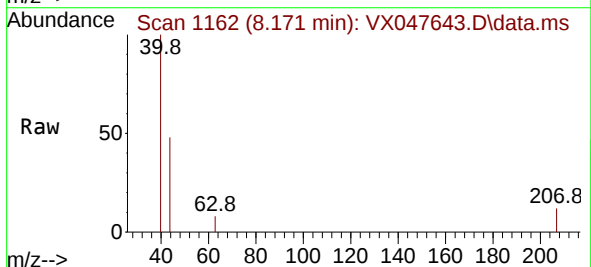
Instrument :
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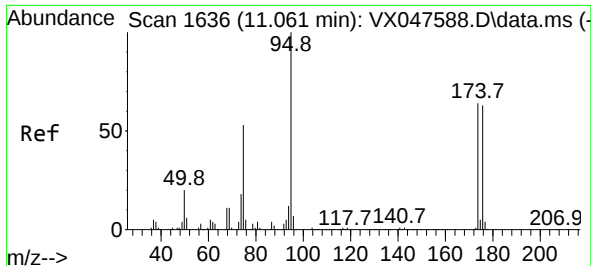
Tgt Ion: 43 Resp: 2139
Ion Ratio Lower Upper
43 100
58 167.0 30.3 45.5#



#58
2-Chloroethyl Vinyl ether
Concen: 7.917 ug/l
RT: 8.171 min Scan# 1162
Delta R.T. -0.055 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

Tgt Ion: 63 Resp: 45
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#

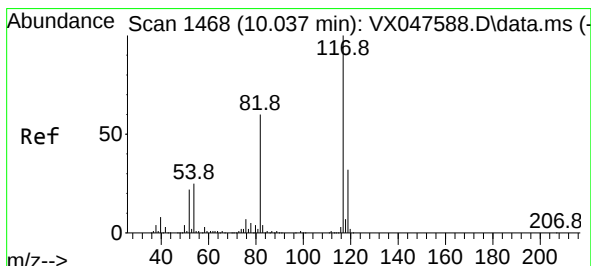
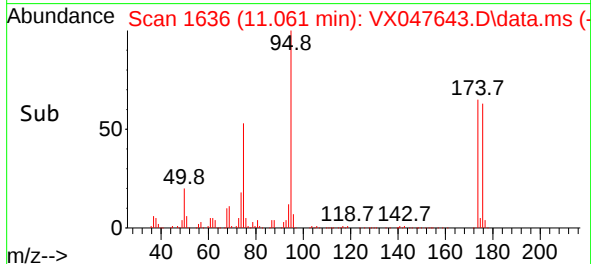
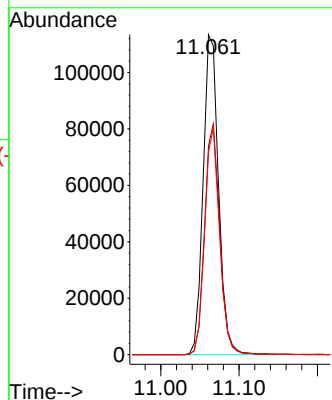
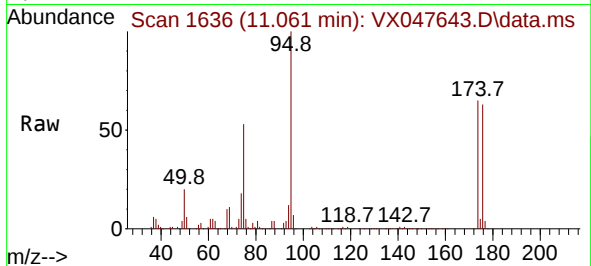




#62
4-Bromofluorobenzene
Concen: 51.319 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

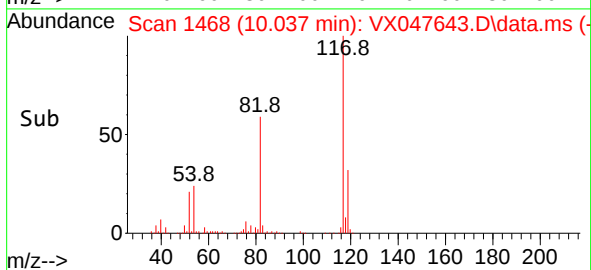
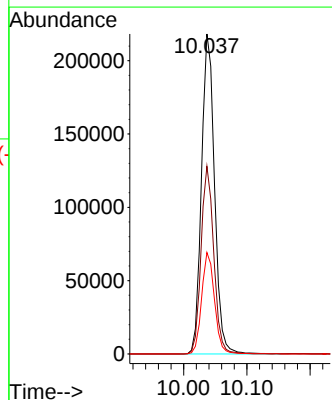
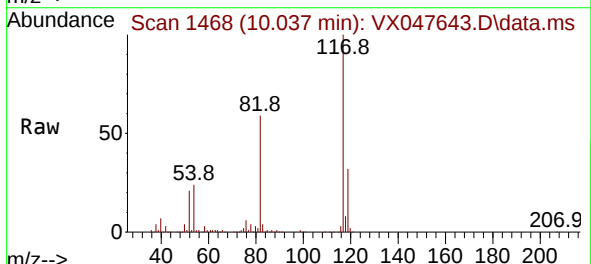
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20250909

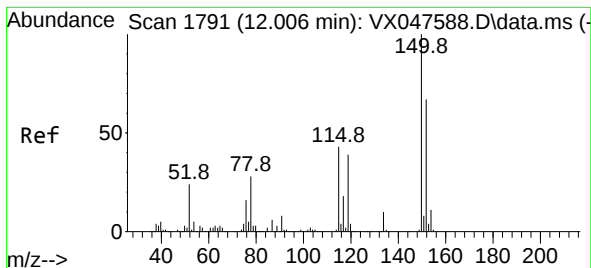
Tgt Ion: 95 Resp: 154855
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.6
176 68.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

Tgt Ion: 117 Resp: 313823
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 31.7 25.2 37.8

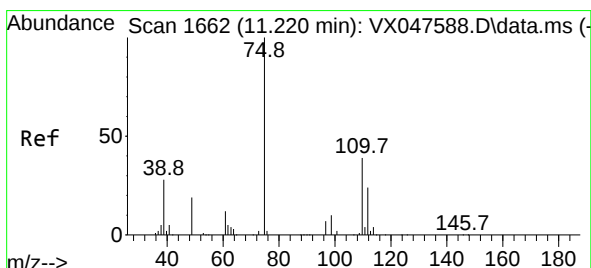
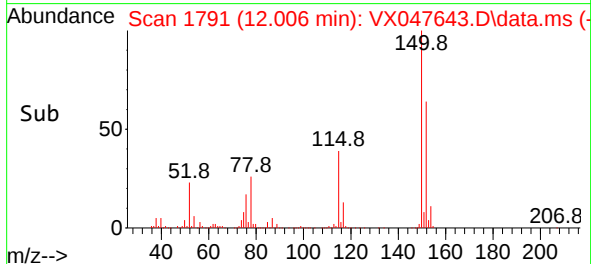
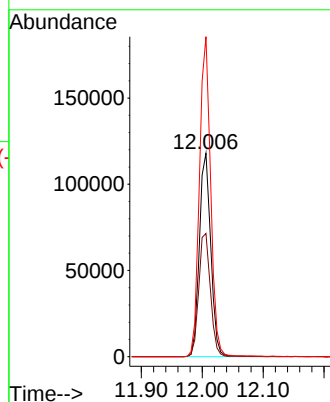
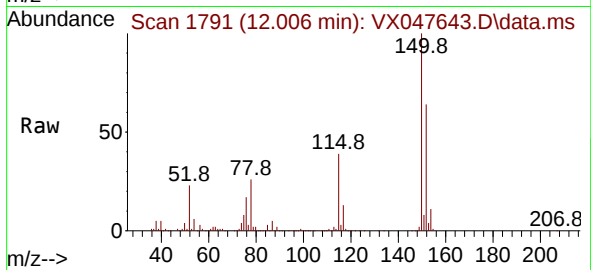




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

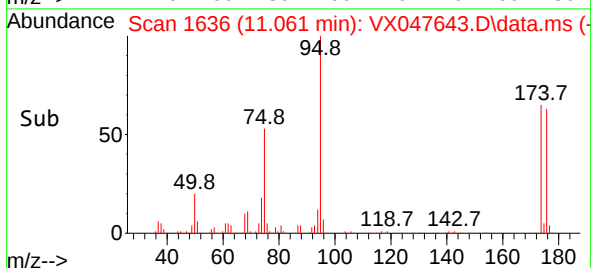
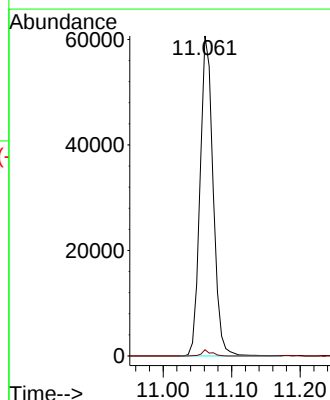
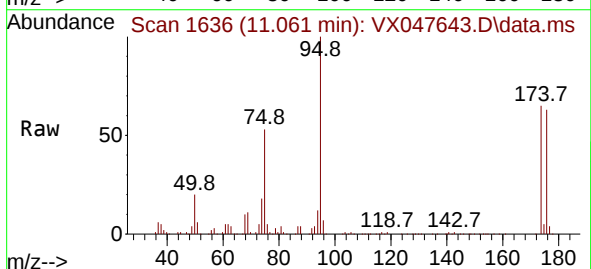
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20250909

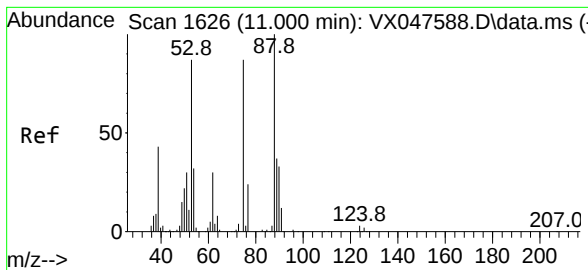
Tgt Ion:152 Resp: 153255
Ion Ratio Lower Upper
152 100
115 62.2 44.9 134.5
150 154.4 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 26.000 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047643.D
Acq: 18 Sep 2025 16:03

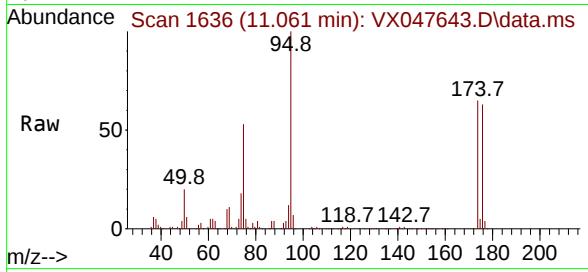
Tgt Ion: 75 Resp: 80675
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.303 ug/l
 RT: 11.061 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX047643.D
 Acq: 18 Sep 2025 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20250909



Tgt Ion: 75 Resp: 80675
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

