

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047912.D
 Acq On : 30 Sep 2025 15:40
 Operator : JC/MD
 Sample : Q3193-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT20551-20250923

Quant Time: Oct 01 01:12:40 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)

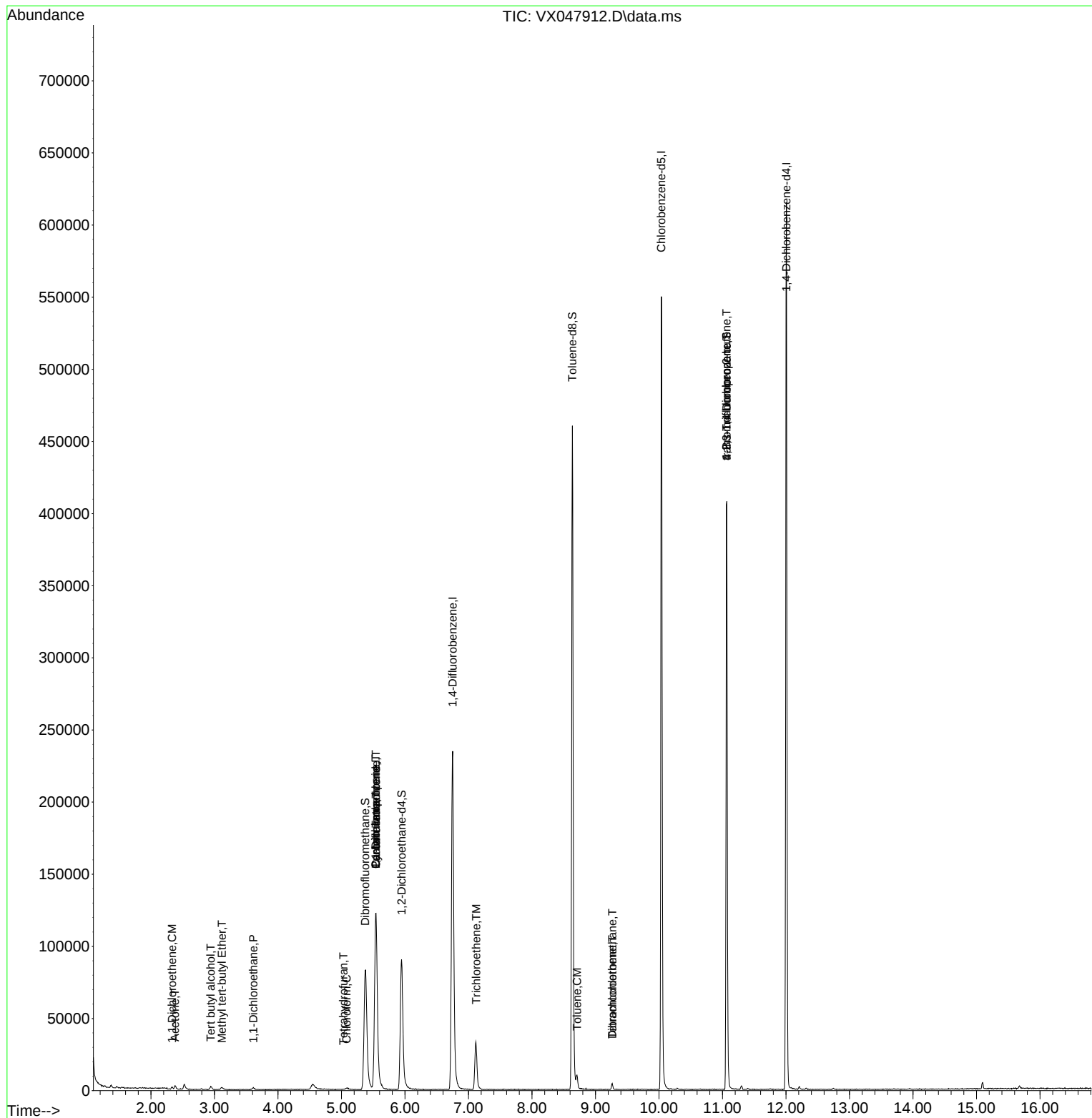
Internal Standards						
1) Pentafluorobenzene	5.544	168	124196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	254274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99214	50.187	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.380%			
35) Dibromofluoromethane	5.373	113	83283	48.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.680%			
50) Toluene-d8	8.635	98	285272	48.346	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.700%			
62) 4-Bromofluorobenzene	11.061	95	120128	53.643	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	1304	5.923	ug/l #	72
12) 1,1-Dichloroethene	2.331	96	522	0.354	ug/l #	57
16) Acetone	2.380	43	3063	3.563	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	1751	0.325	ug/l	91
24) 1,1-Dichloroethane	3.611	63	1744	0.556	ug/l	94
29) Tetrahydrofuran	5.032	42	186	0.288	ug/l #	34
30) Chloroform	5.080	83	1439	0.454	ug/l	100
31) Cyclohexane	5.544	56	2791	1.068	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	10461	4.198	ug/l #	47
38) Carbon Tetrachloride	5.544	117	13073	4.829	ug/l #	19
44) Trichloroethene	7.123	130	13865	7.578	ug/l	95
52) Toluene	8.708	92	3463	0.743	ug/l	97
60) Dibromochloromethane	9.263	129	652	0.315	ug/l #	11
64) Tetrachloroethene	9.263	164	664	0.395	ug/l	88
76) 1,2,3-Trichloropropane	11.061	75	62773	24.515	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	62773	62.517	ug/l #	8

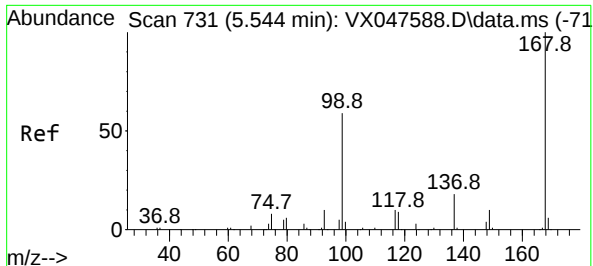
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
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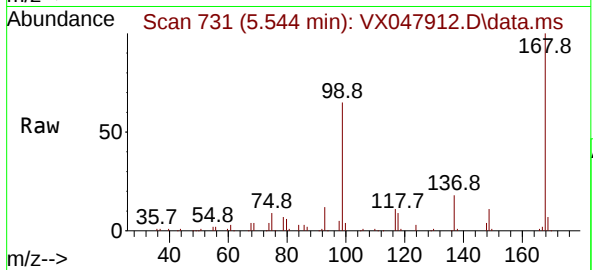
Quant Time: Oct 01 01:12:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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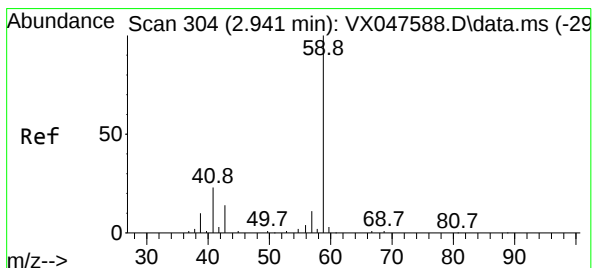
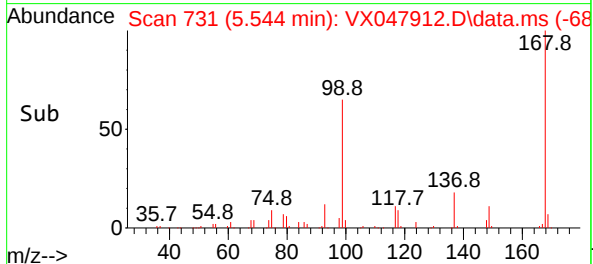
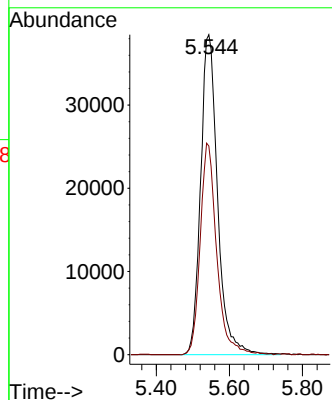


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

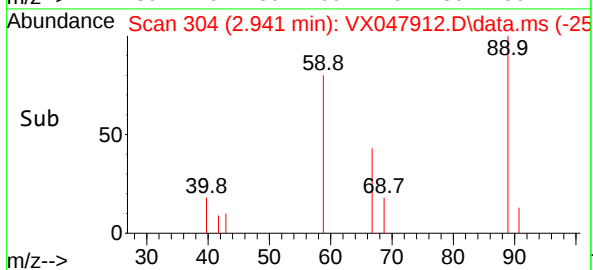
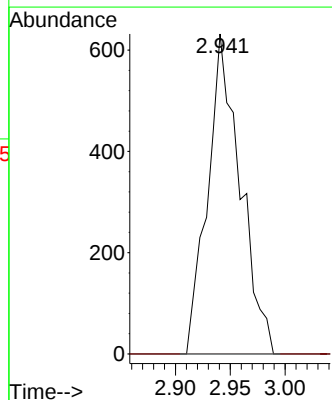
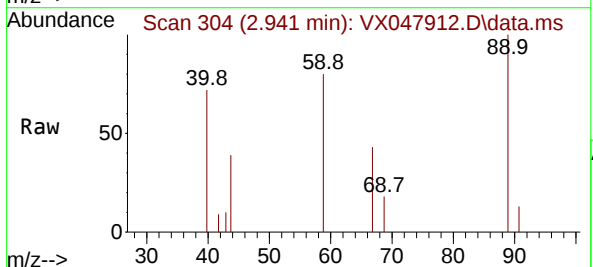


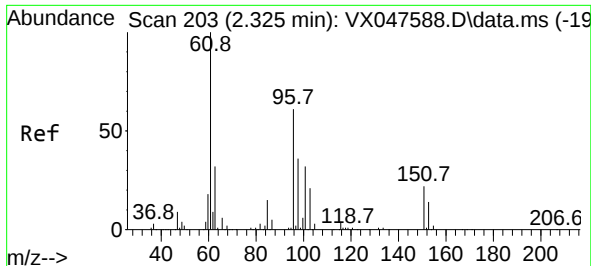
Tgt Ion:168 Resp: 124196
Ion Ratio Lower Upper
168 100
99 65.2 48.8 73.2



#11
Tert butyl alcohol
Concen: 5.923 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 59 Resp: 1304
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

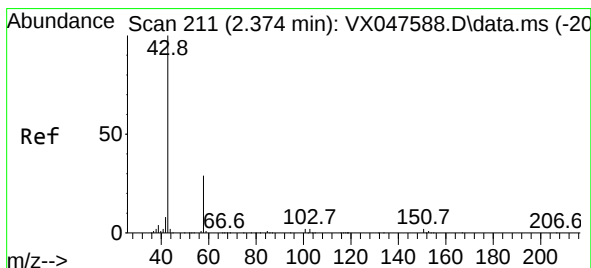
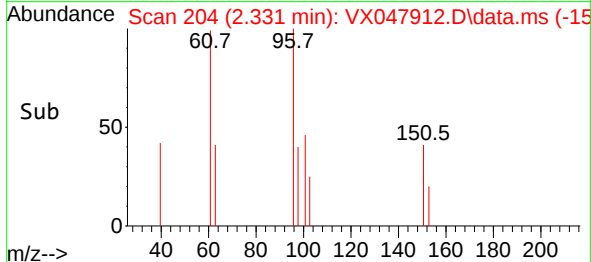
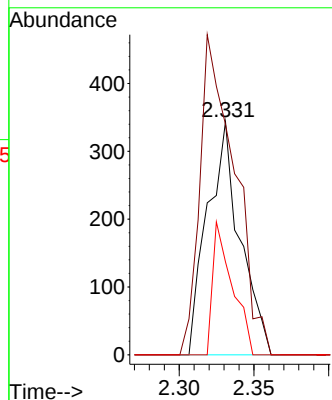
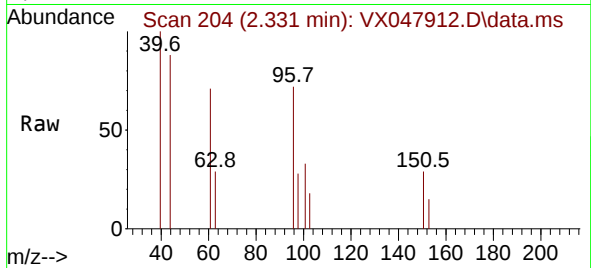




#12
1,1-Dichloroethene
Concen: 0.354 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

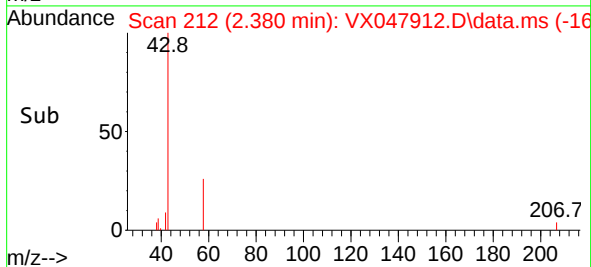
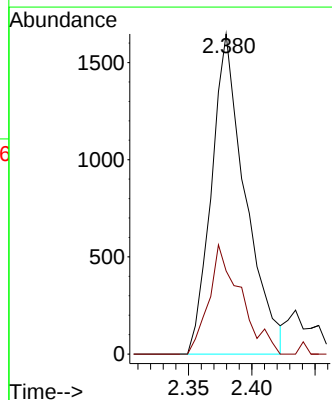
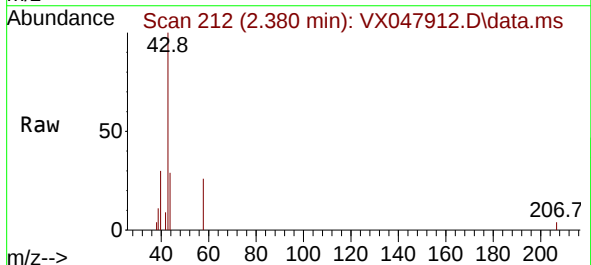
Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

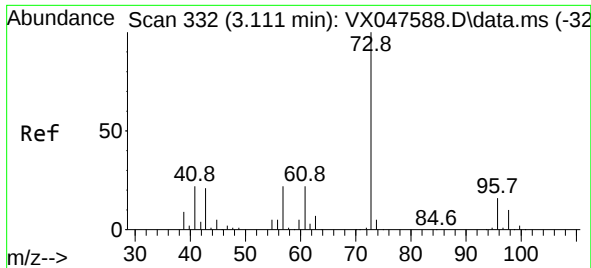
Tgt Ion: 96 Resp: 522
Ion Ratio Lower Upper
96 100
61 98.8 131.0 196.6#
98 39.8 47.7 71.5#



#16
Acetone
Concen: 3.563 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 43 Resp: 3063
Ion Ratio Lower Upper
43 100
58 21.6 23.4 35.0#

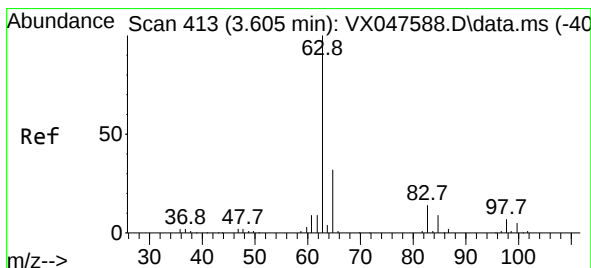
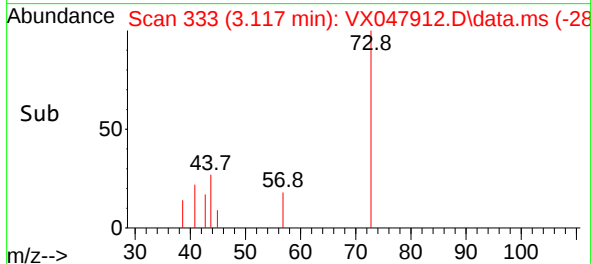
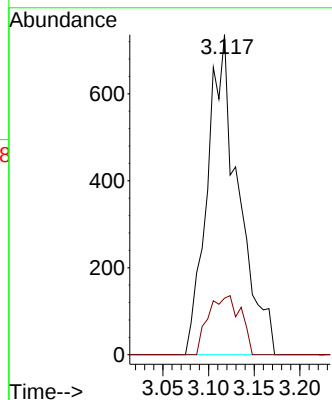
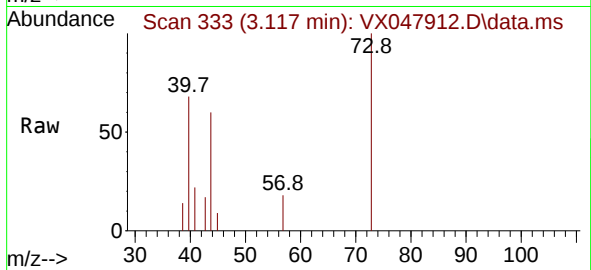




#19
Methyl tert-butyl Ether
Concen: 0.325 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

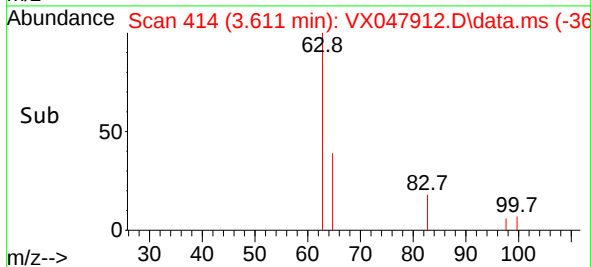
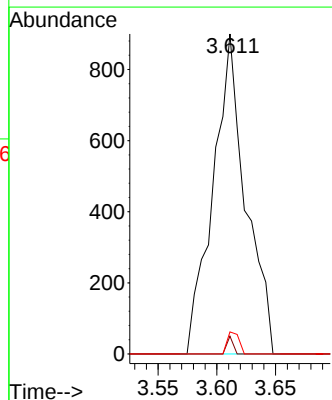
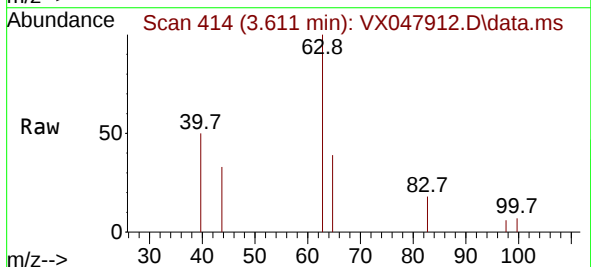
Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

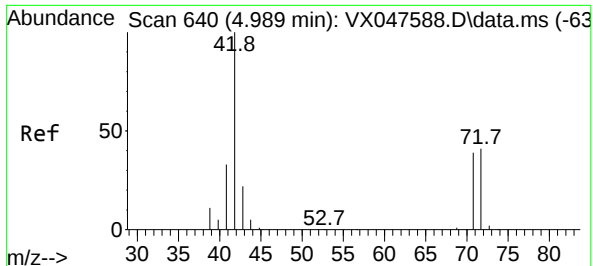
Tgt Ion: 73 Resp: 1751
Ion Ratio Lower Upper
73 100
57 17.7 17.4 26.2



#24
1,1-Dichloroethane
Concen: 0.556 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 63 Resp: 1744
Ion Ratio Lower Upper
63 100
98 5.6 3.8 11.2
100 6.9 2.3 6.9





#29

Tetrahydrofuran

Concen: 0.288 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.043 min

Lab File: VX047912.D

Acq: 30 Sep 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

TT20551-20250923

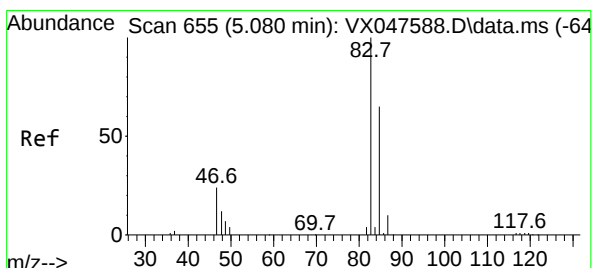
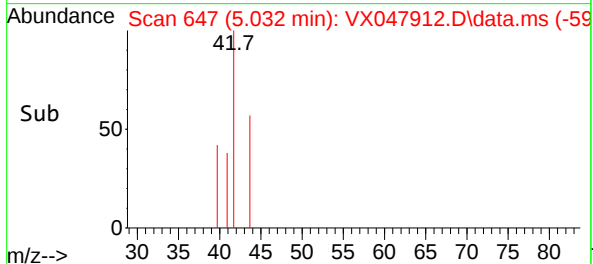
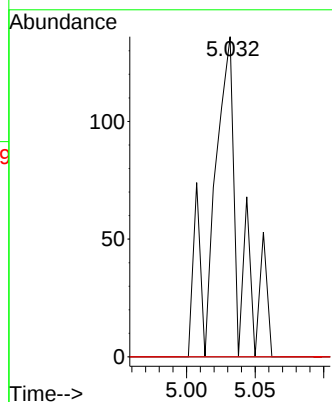
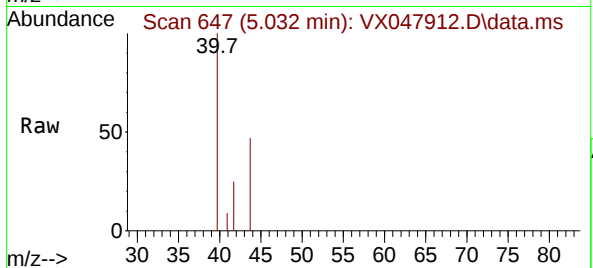
Tgt Ion: 42 Resp: 186

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 0.0 31.9 47.9#



#30

Chloroform

Concen: 0.454 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX047912.D

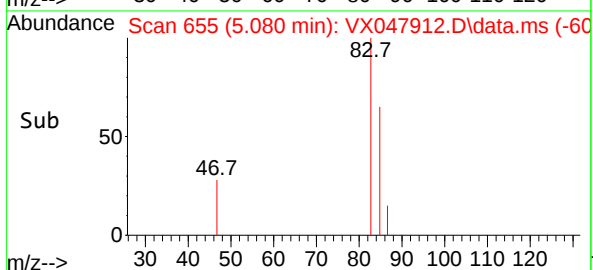
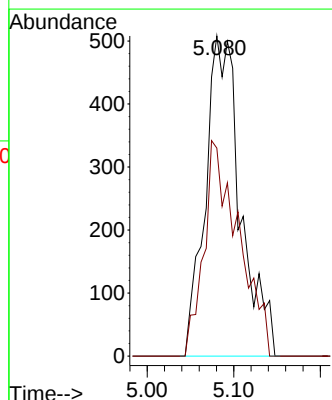
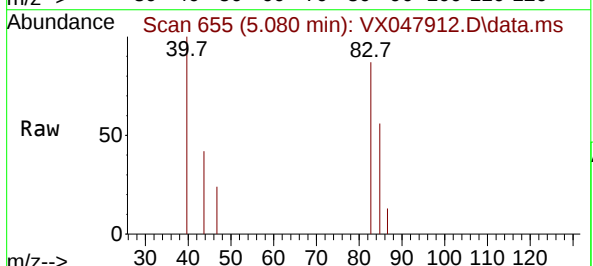
Acq: 30 Sep 2025 15:40

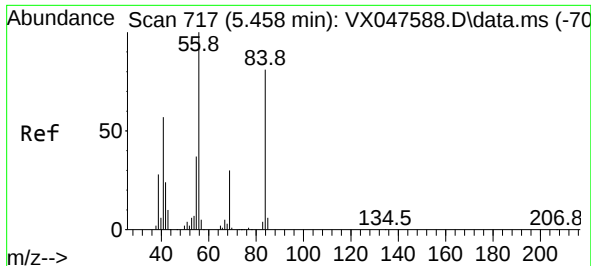
Tgt Ion: 83 Resp: 1439

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

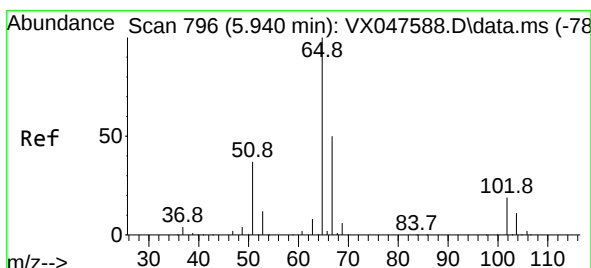
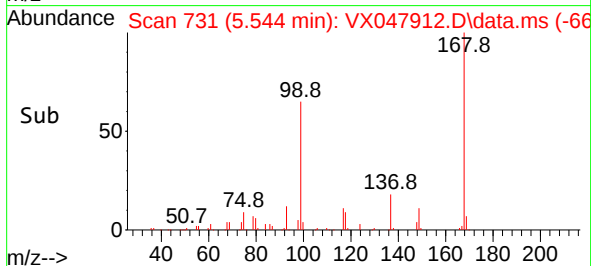
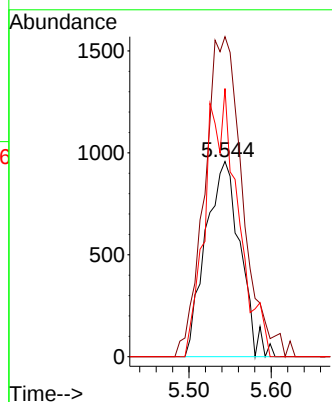
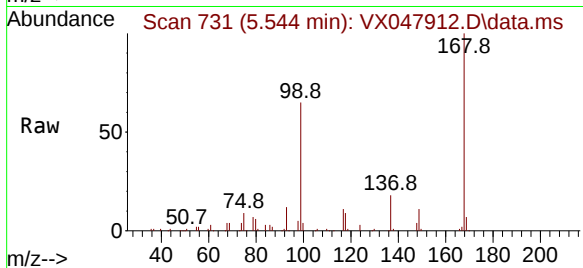




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

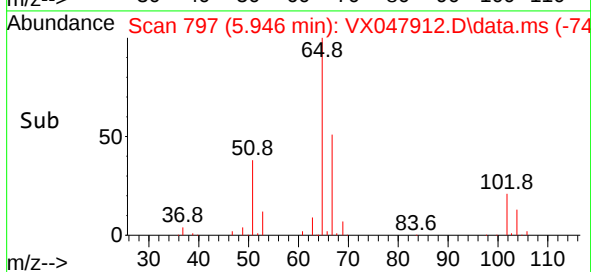
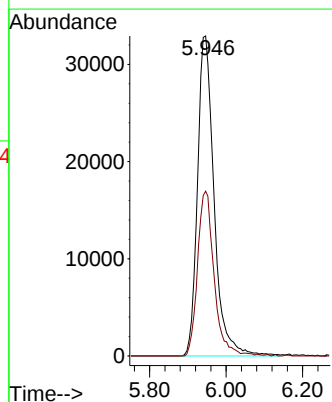
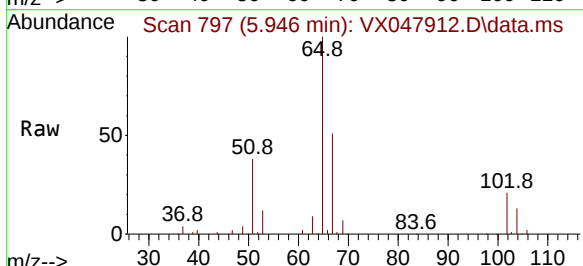
Instrument :
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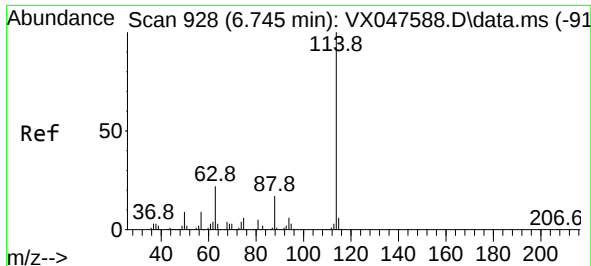
Tgt Ion: 56 Resp: 2791
Ion Ratio Lower Upper
56 100
69 155.9 23.8 35.8#
84 137.4 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 50.187 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 65 Resp: 99214
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

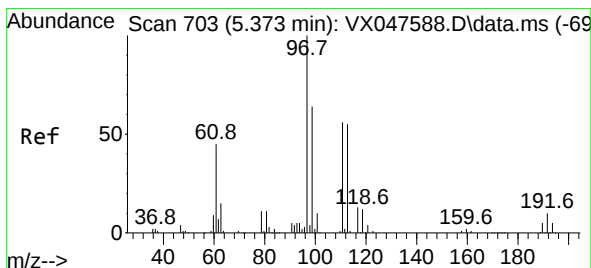
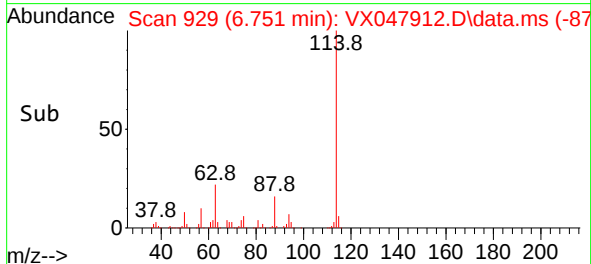
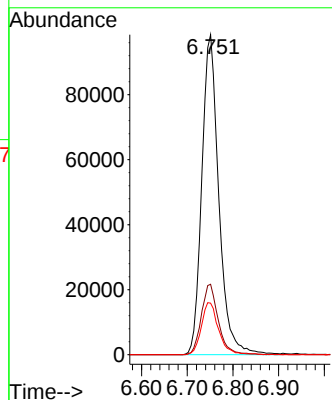
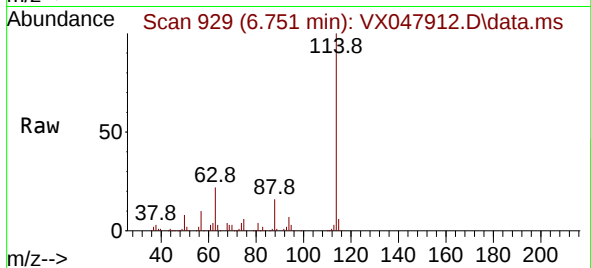




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

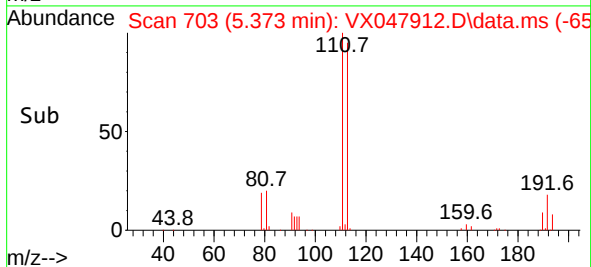
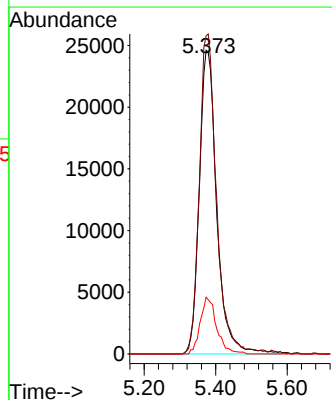
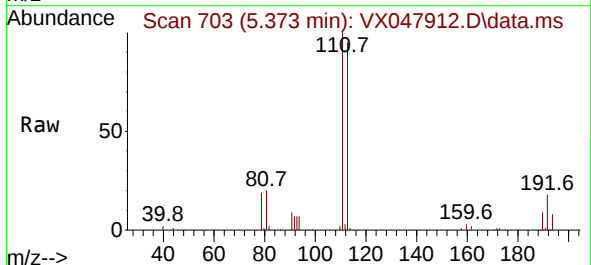
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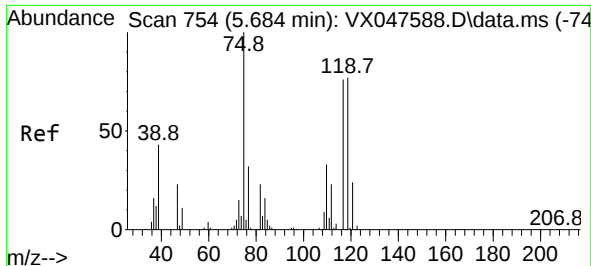
Tgt Ion:114 Resp: 254274
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.838 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion:113 Resp: 83283
Ion Ratio Lower Upper
113 100
111 103.2 80.9 121.3
192 17.6 14.2 21.4

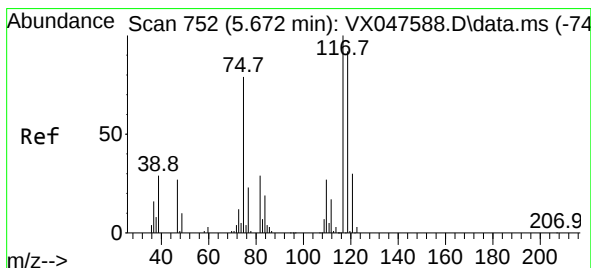
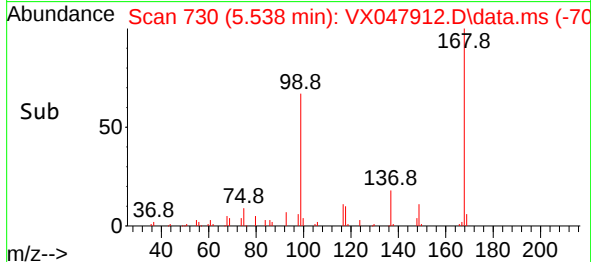
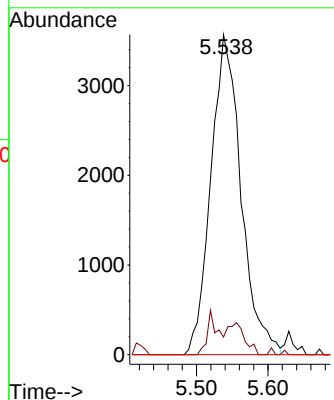
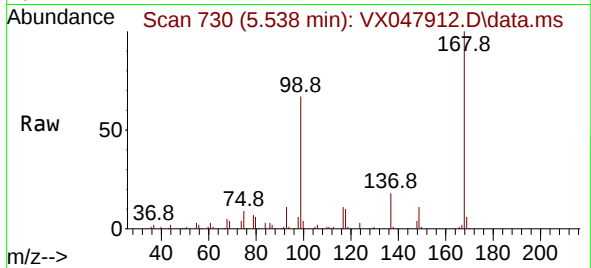




#36
1,1-Dichloropropene
Concen: 4.198 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

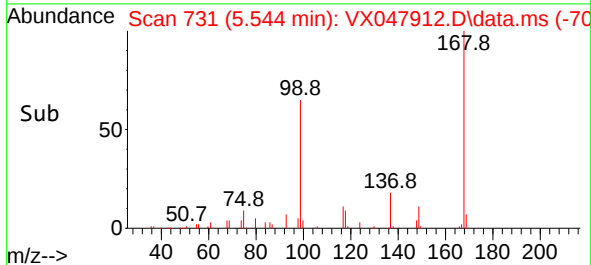
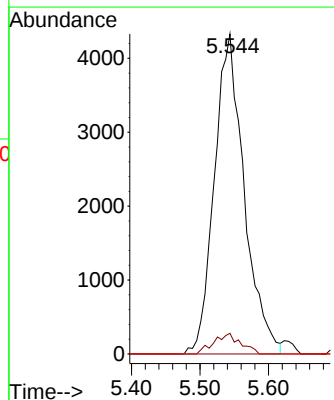
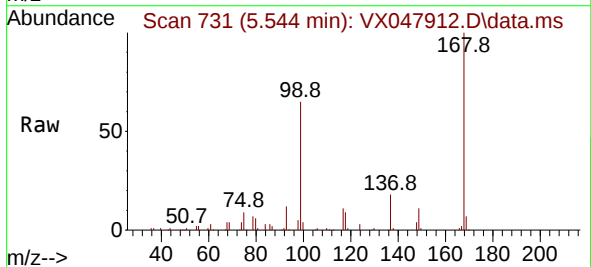
Instrument :
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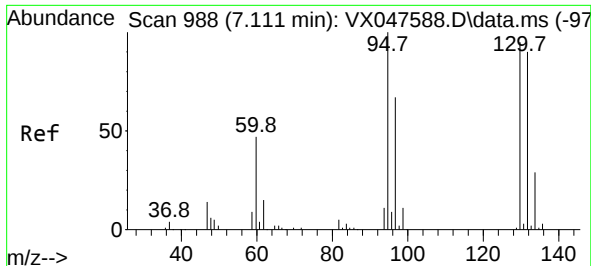
Tgt Ion: 75 Resp: 10461
Ion Ratio Lower Upper
75 100
110 4.9 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.829 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 117 Resp: 13073
Ion Ratio Lower Upper
117 100
119 6.4 73.4 110.2#
121 0.0 23.8 35.6#

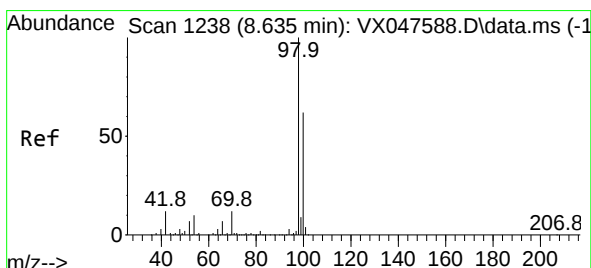
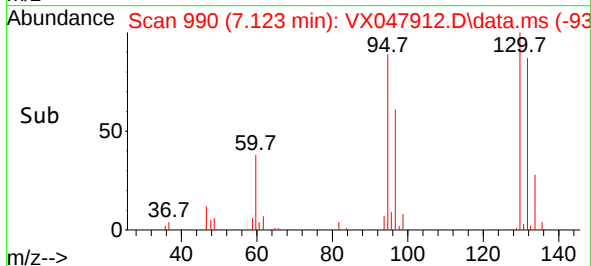
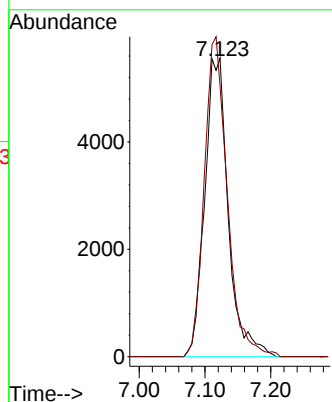
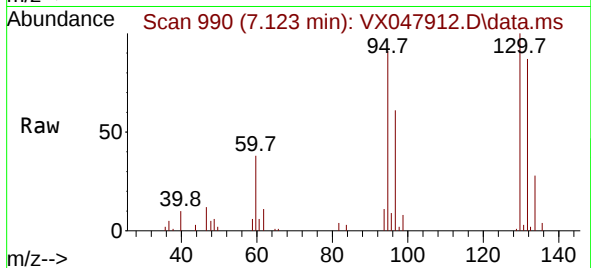




#44
Trichloroethene
Concen: 7.578 ug/l
RT: 7.123 min Scan# 95
Delta R.T. 0.012 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

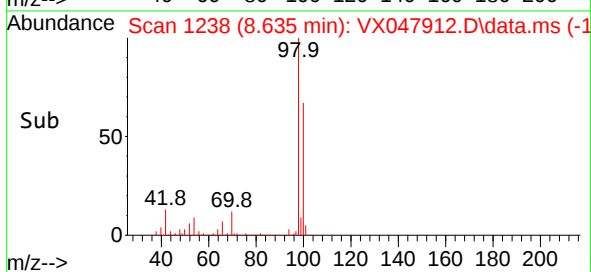
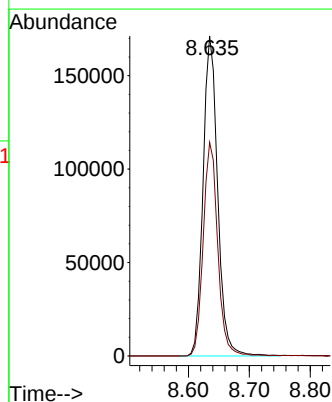
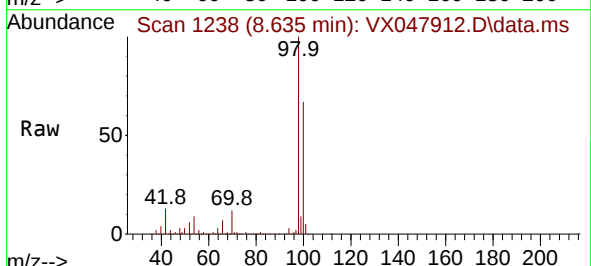
Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

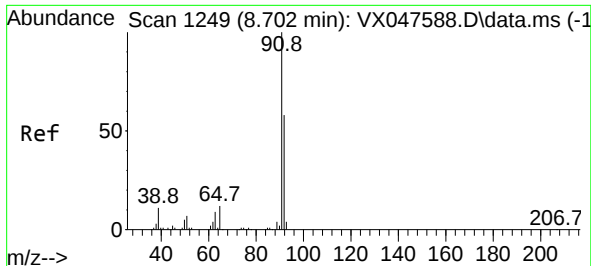
Tgt Ion:130 Resp: 13865
Ion Ratio Lower Upper
130 100
95 100.1 0.0 210.8



#50
Toluene-d8
Concen: 48.346 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 98 Resp: 285272
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

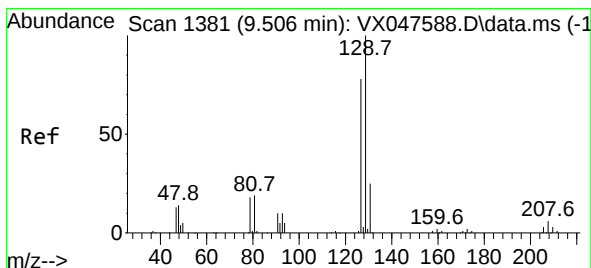
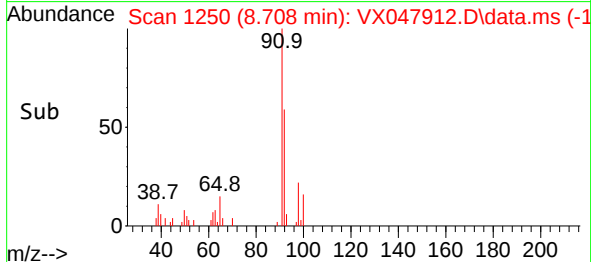
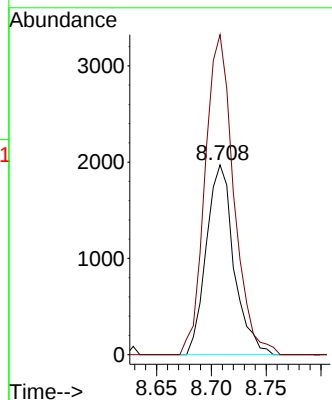
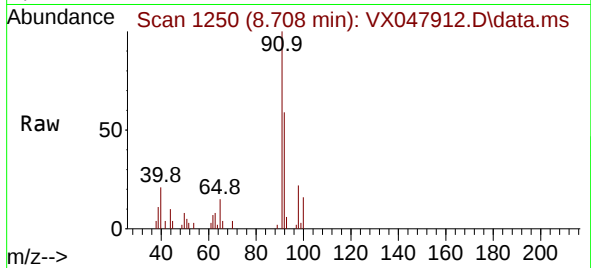




#52
Toluene
Concen: 0.743 ug/l
RT: 8.708 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

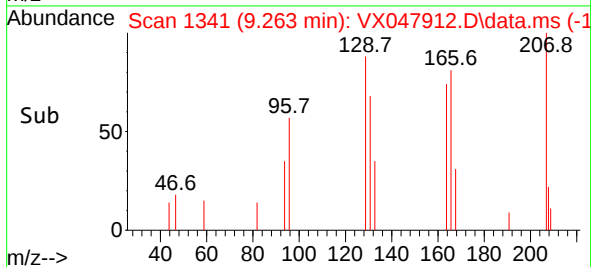
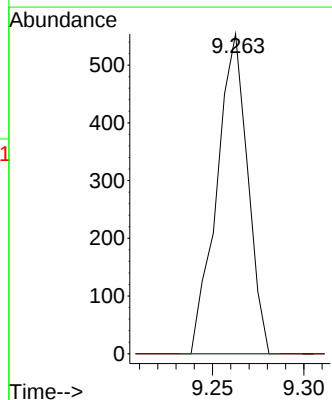
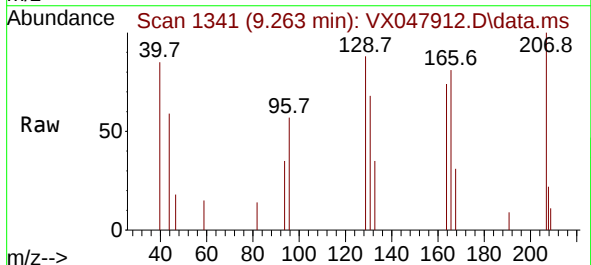
Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

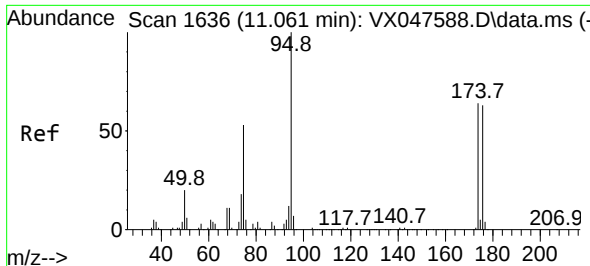
Tgt Ion: 92 Resp: 3463
Ion Ratio Lower Upper
92 100
91 174.9 137.1 205.7



#60
Dibromochloromethane
Concen: 0.315 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. -0.244 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 129 Resp: 652
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

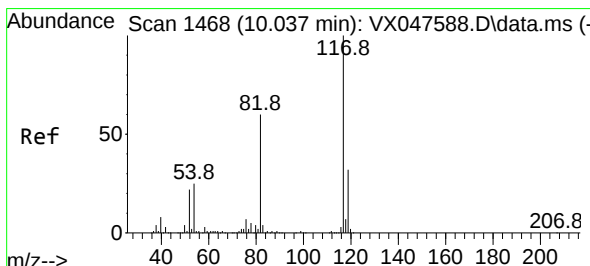
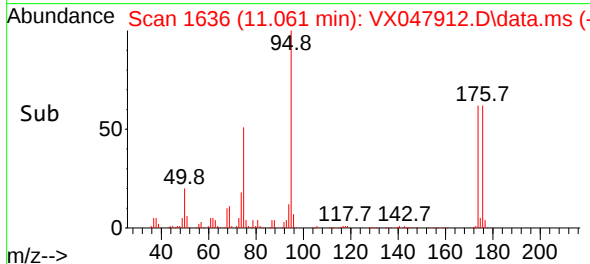
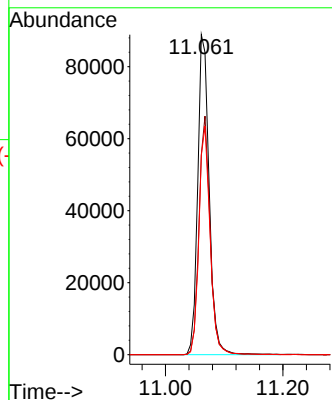
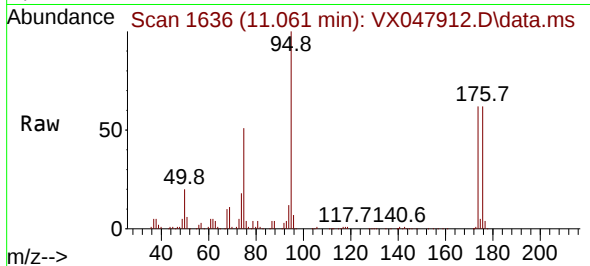




#62
4-Bromofluorobenzene
Concen: 53.643 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

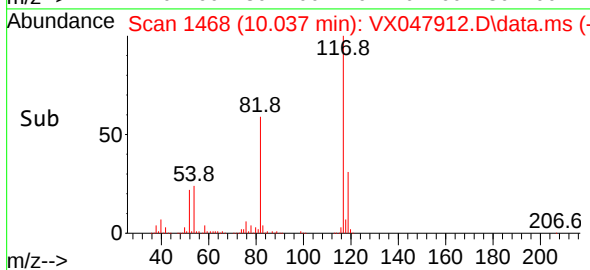
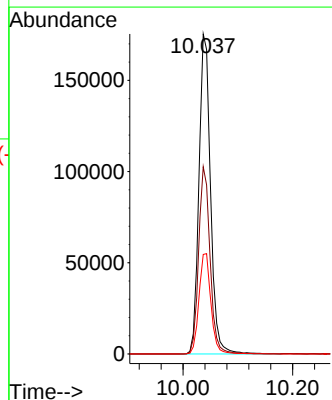
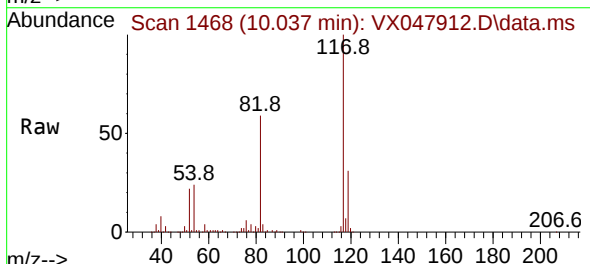
Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

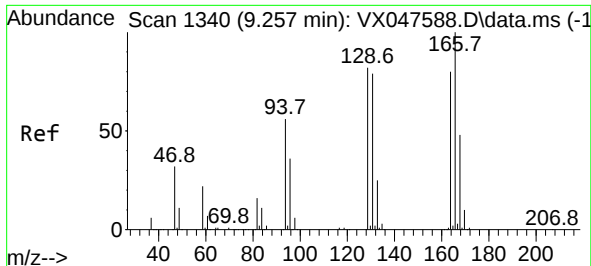
Tgt Ion: 95 Resp: 120128
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 117 Resp: 258127
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 31.1 25.2 37.8

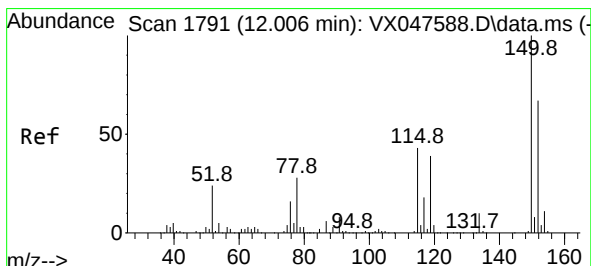
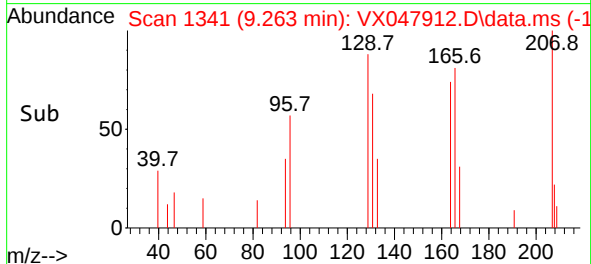
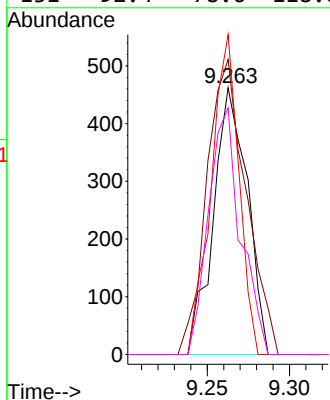
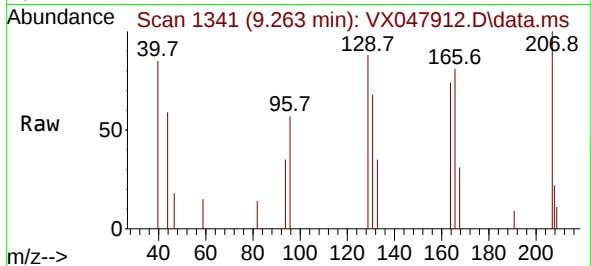




#64
Tetrachloroethene
Concen: 0.395 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

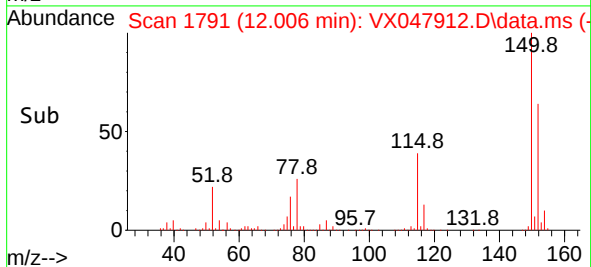
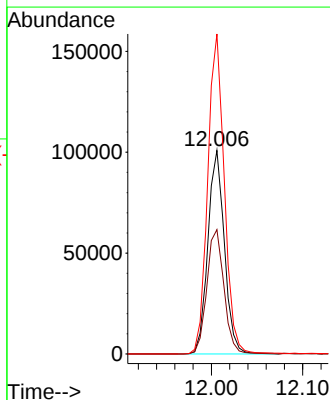
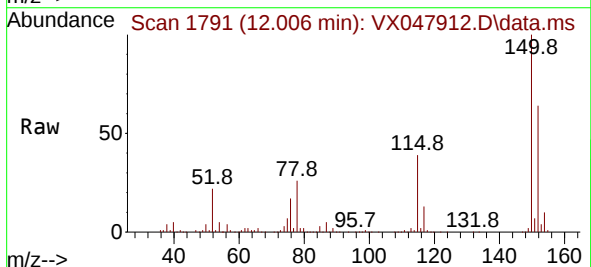
Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

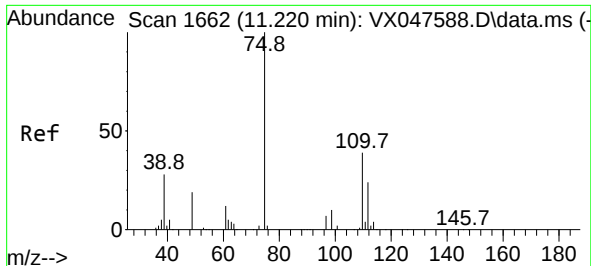
Tgt	Ion:164	Resp:	664
Ion	Ratio	Lower	Upper
164	100		
166	110.6	100.2	150.2
129	119.9	81.8	122.6
131	92.4	78.6	118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion:152	Resp:	126469	
Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.9	134.5
150	158.2	0.0	352.0

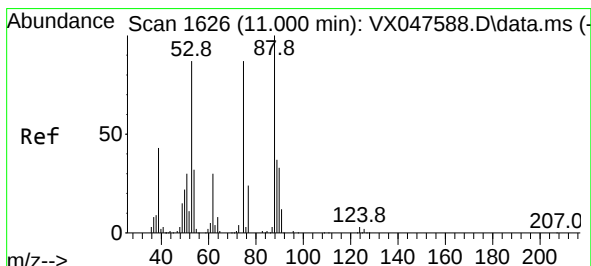
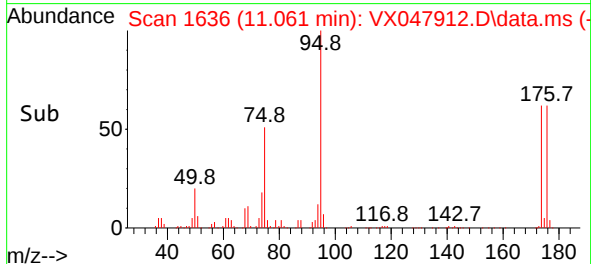
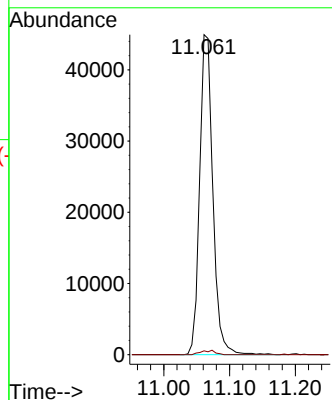
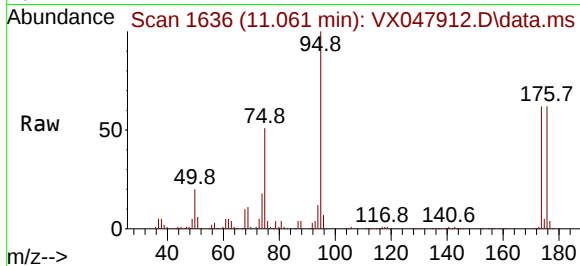




#76
1,2,3-Trichloropropane
Concen: 24.515 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Instrument :
MSVOA_X
ClientSampleId :
TT20551-20250923

Tgt Ion: 75 Resp: 62773
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.517 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047912.D
Acq: 30 Sep 2025 15:40

Tgt Ion: 75 Resp: 62773
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.1 36.3 54.5#

