

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047842.D
 Acq On : 26 Sep 2025 08:04
 Operator : JC/MD
 Sample : Q3128-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB07-20250912

Quant Time: Sep 26 08:30:40 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)

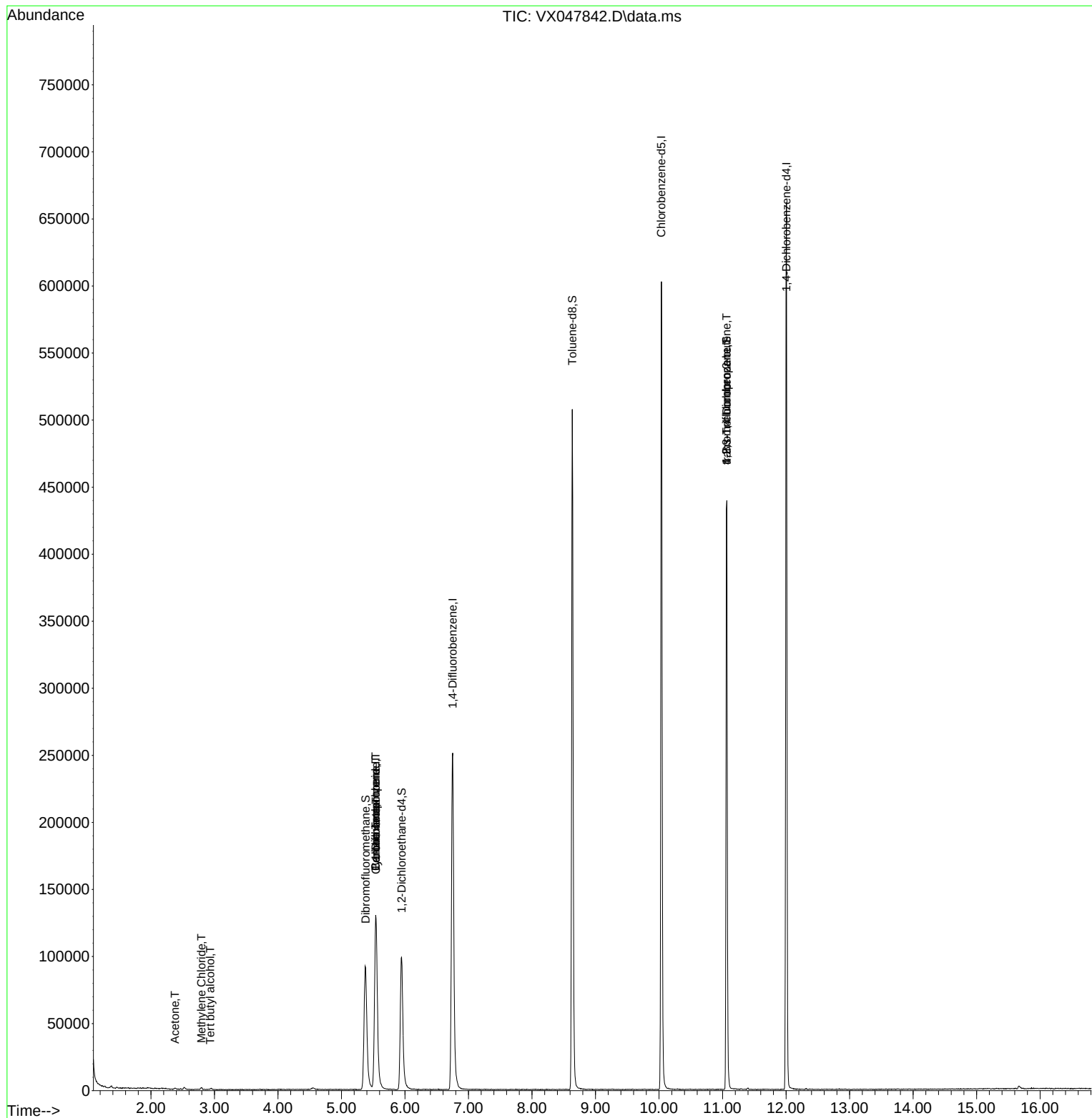
Internal Standards						
1) Pentafluorobenzene	5.538	168	132283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	276404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108023	51.302	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.600%			
35) Dibromofluoromethane	5.379	113	90376	48.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.500%			
50) Toluene-d8	8.635	98	311858	48.620	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.240%			
62) 4-Bromofluorobenzene	11.061	95	131732	54.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.220%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	136	0.580	ug/l #	72
16) Acetone	2.380	43	1140	1.245	ug/l #	81
20) Methylene Chloride	2.794	84	625	0.323	ug/l #	78
31) Cyclohexane	5.544	56	3083	1.108	ug/l #	9
36) 1,1-Dichloropropene	5.538	75	11322	4.180	ug/l #	50
38) Carbon Tetrachloride	5.538	117	14160	4.811	ug/l #	18
76) 1,2,3-Trichloropropane	11.061	75	68387	23.970	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	68387	61.127	ug/l #	8

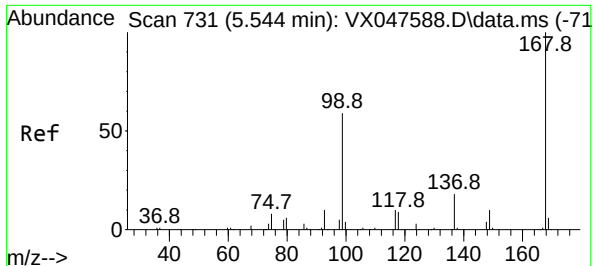
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 26 08:30:40 2025
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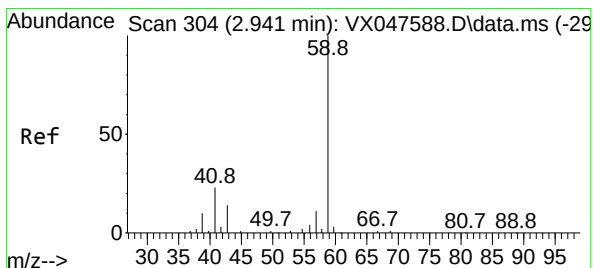
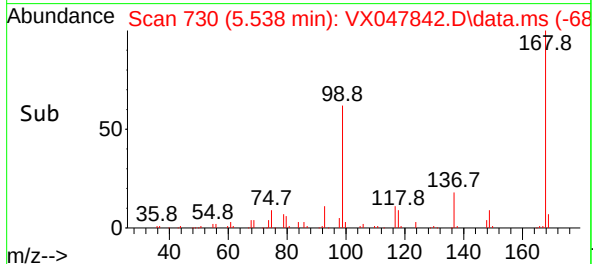
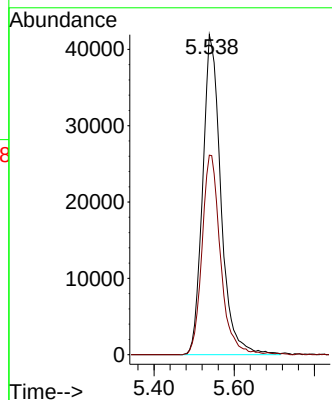
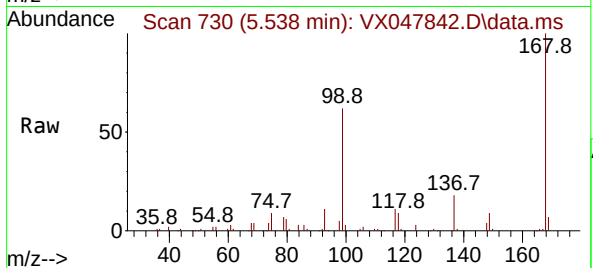




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

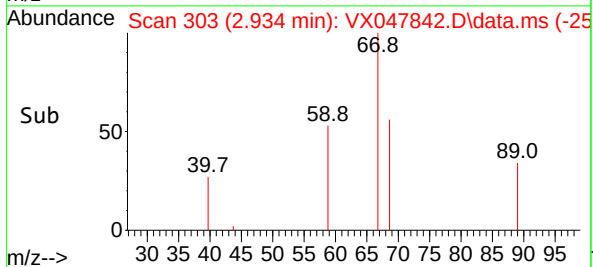
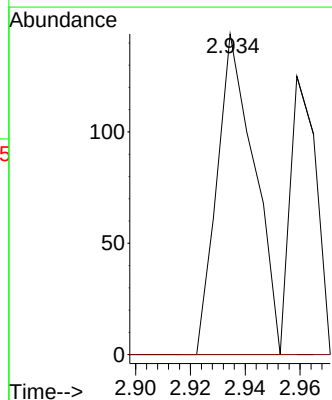
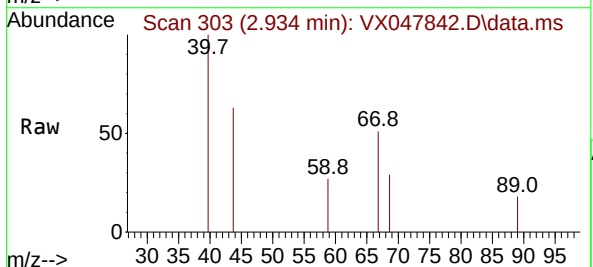
Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

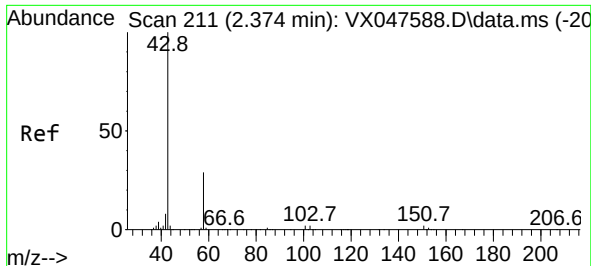
Tgt Ion:168 Resp: 132283
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.580 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

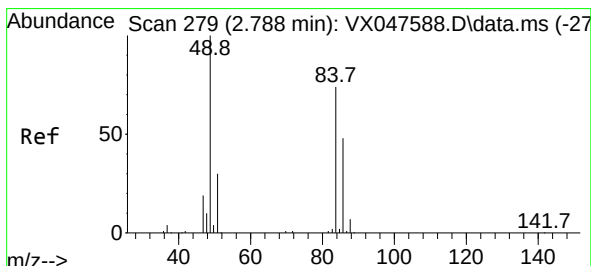
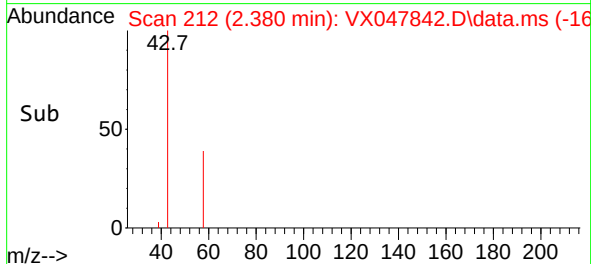
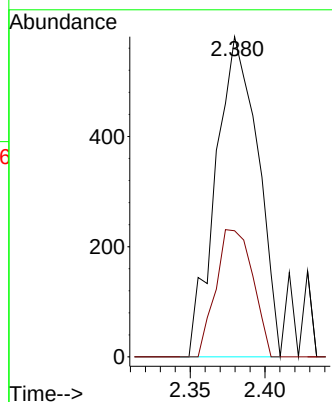
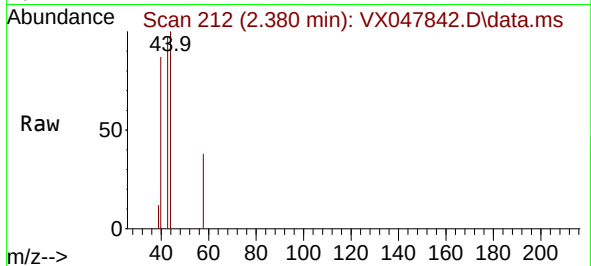




#16
Acetone
Concen: 1.245 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

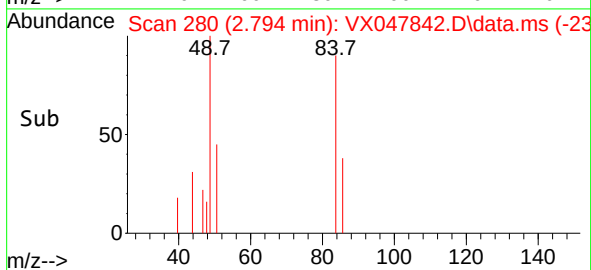
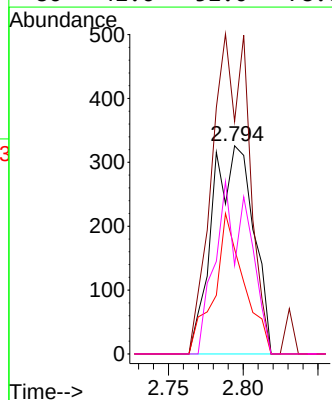
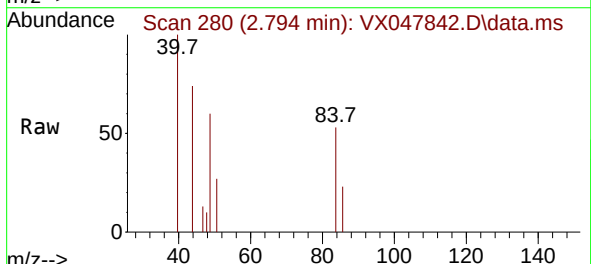
Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

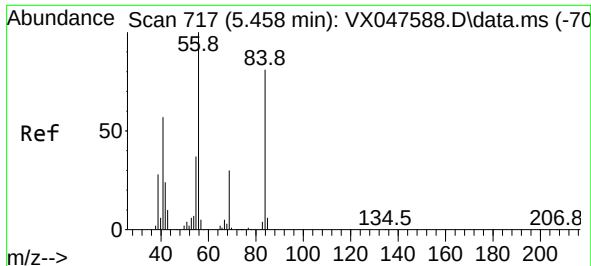
Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 39.4 23.4 35.0#



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 84 Resp: 625
Ion Ratio Lower Upper
84 100
49 111.7 108.6 162.8
51 50.3 32.6 48.8#
86 42.6 52.0 78.0#

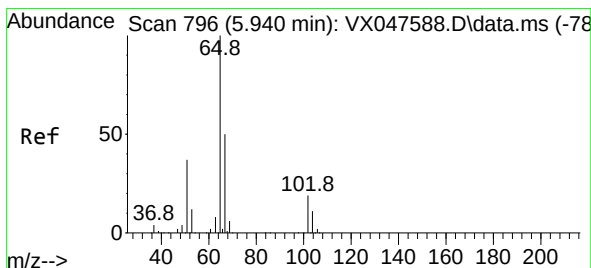
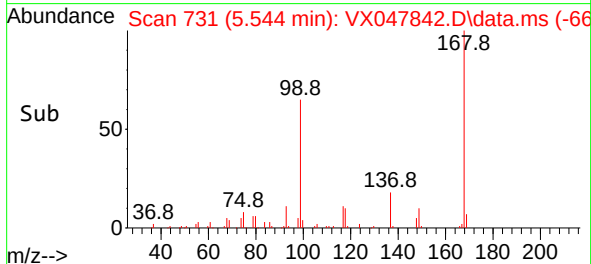
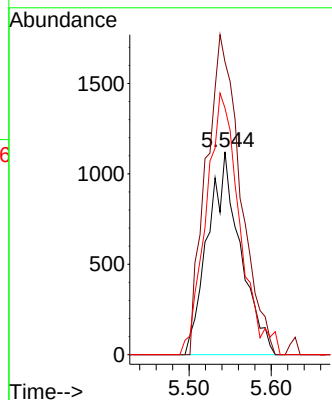
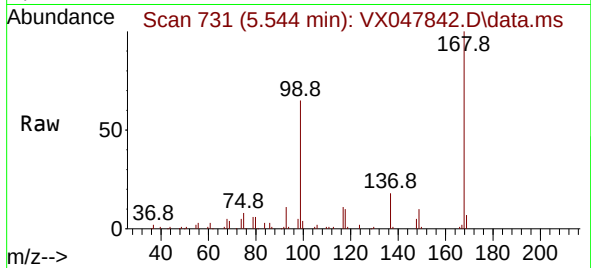




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

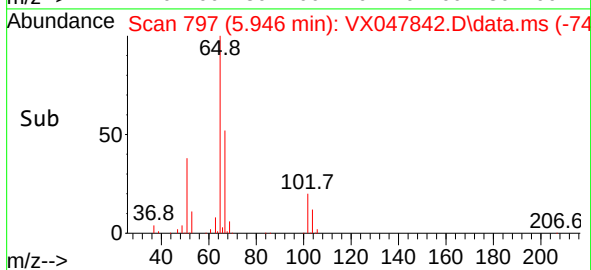
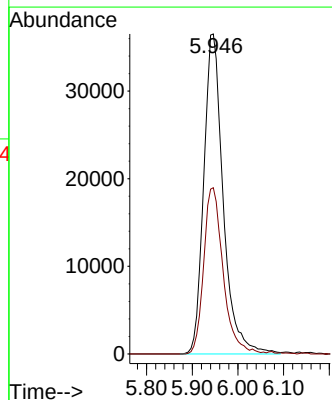
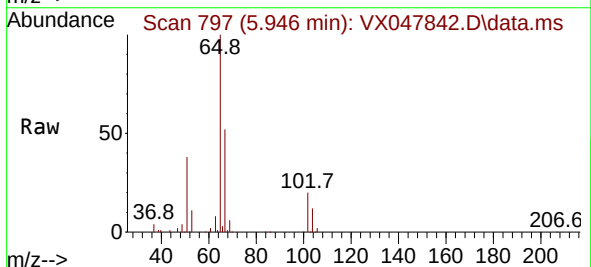
Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

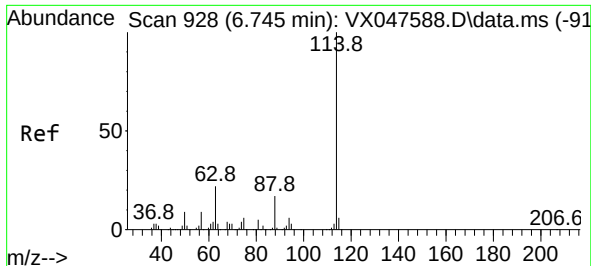
Tgt Ion: 56 Resp: 3083
Ion Ratio Lower Upper
56 100
69 144.3 23.8 35.8#
84 121.6 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 51.302 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 65 Resp: 108023
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

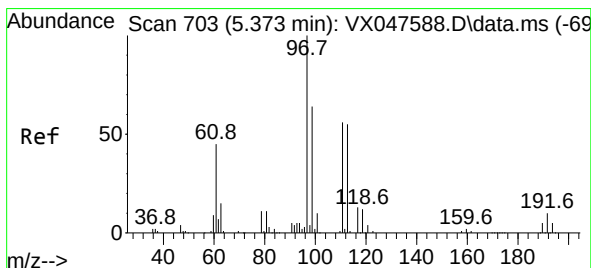
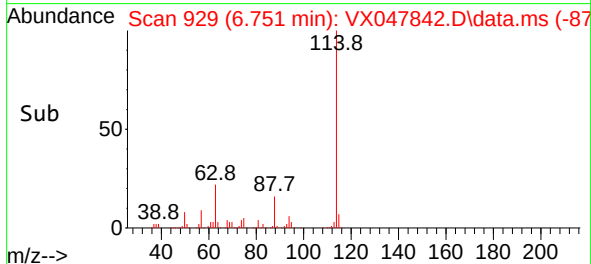
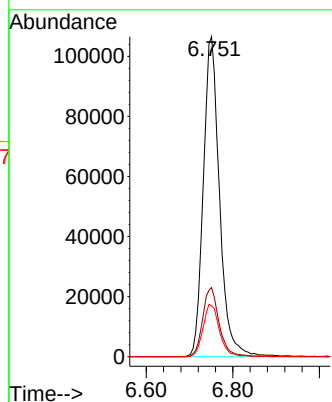
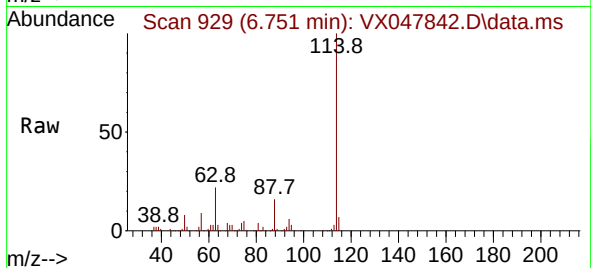




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

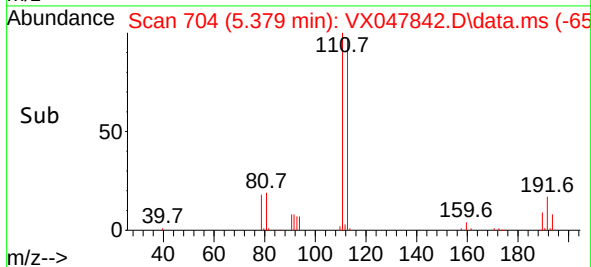
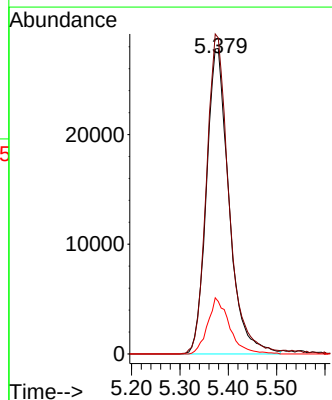
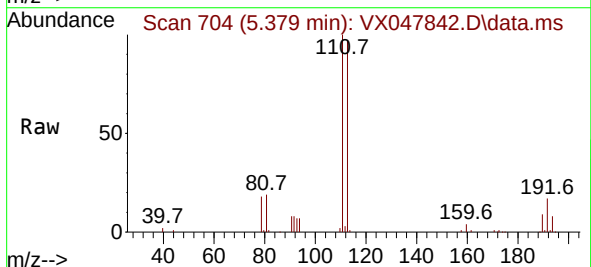
Instrument :
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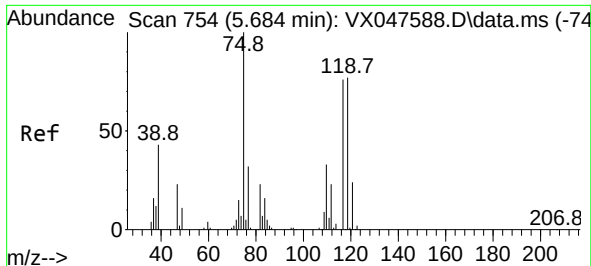
Tgt Ion:114 Resp: 276404
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.754 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion:113 Resp: 90376
Ion Ratio Lower Upper
113 100
111 104.1 80.9 121.3
192 17.8 14.2 21.4

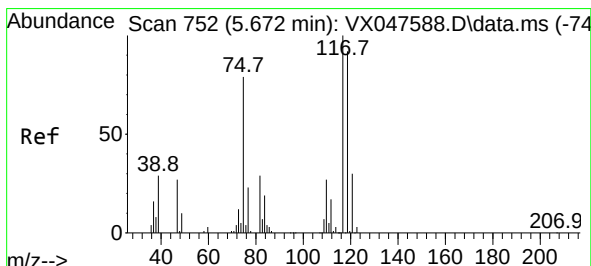
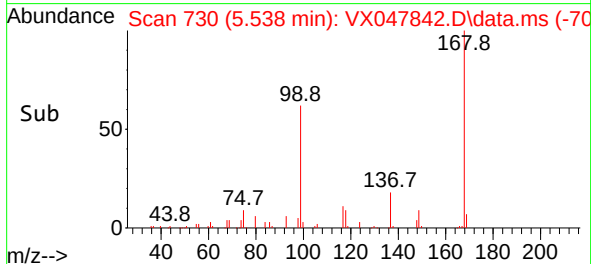
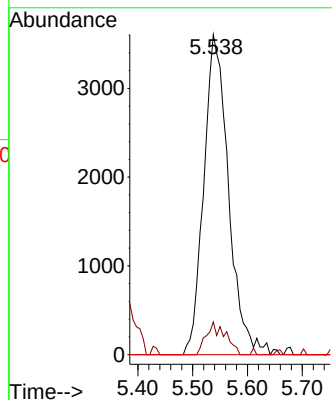
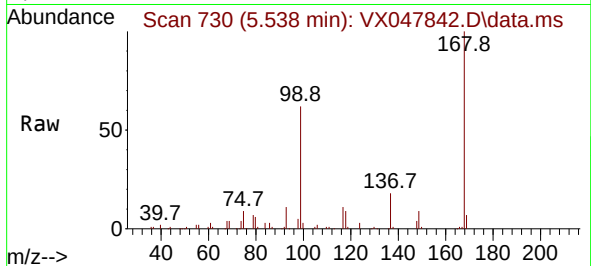




#36
1,1-Dichloropropene
Concen: 4.180 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

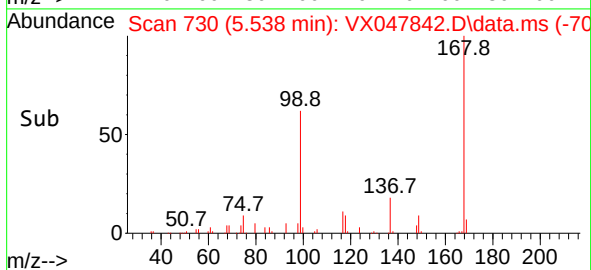
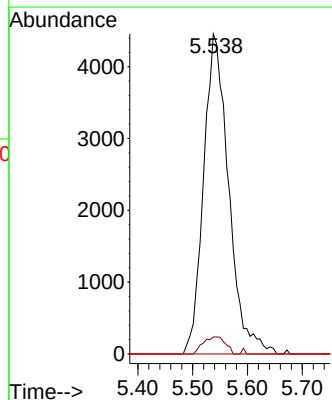
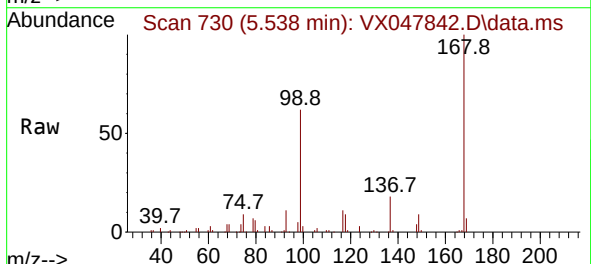
Instrument :
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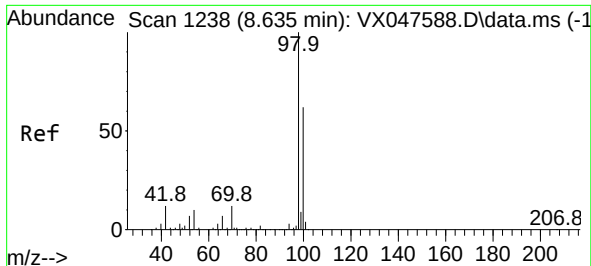
Tgt Ion: 75 Resp: 11322
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.811 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 117 Resp: 14160
Ion Ratio Lower Upper
117 100
119 5.3 73.4 110.2#
121 0.0 23.8 35.6#

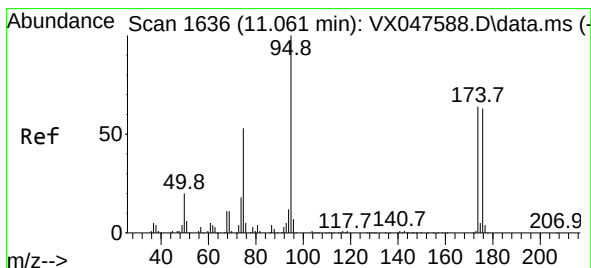
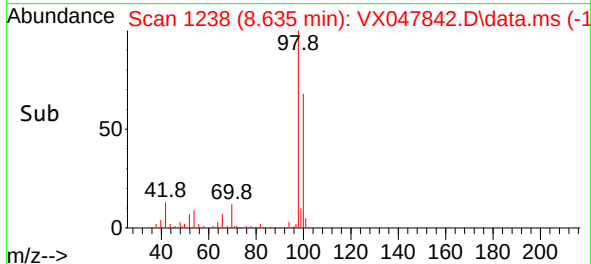
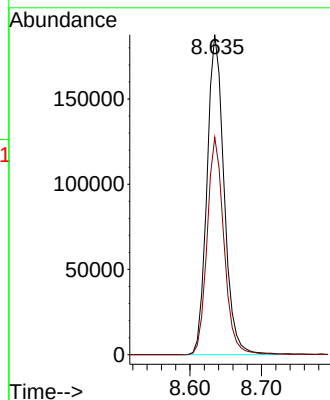
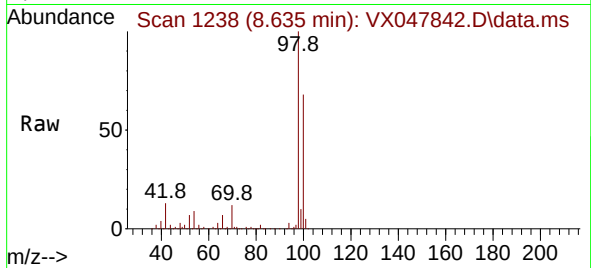




#50
Toluene-d8
Concen: 48.620 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

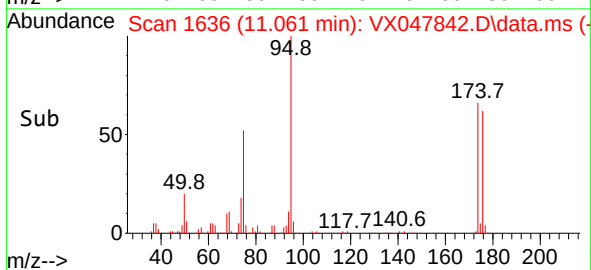
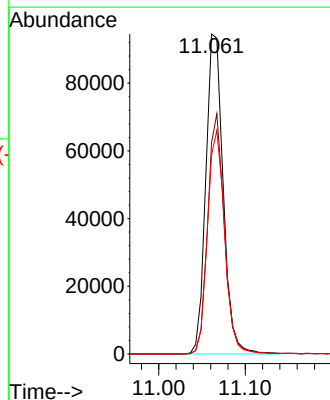
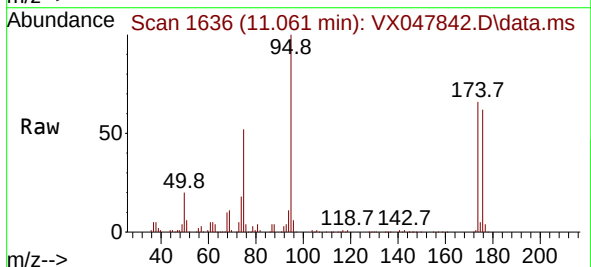
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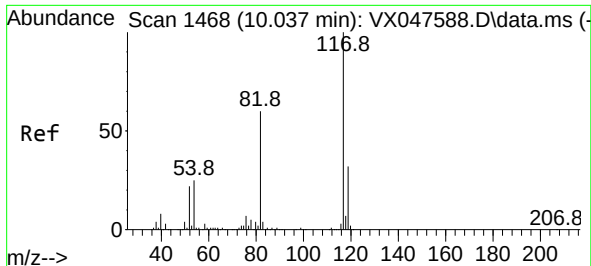
Tgt Ion: 98 Resp: 311858
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.115 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 95 Resp: 131732
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.4 0.0 138.4

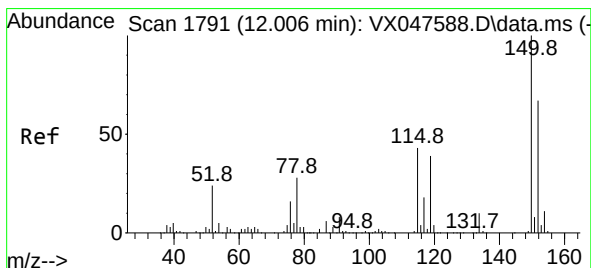
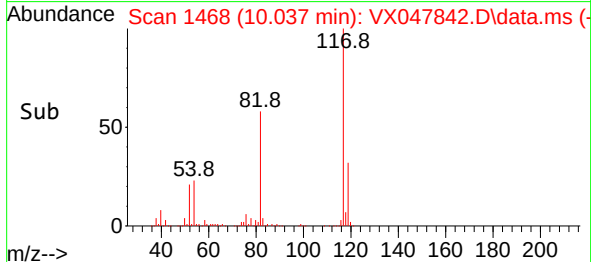
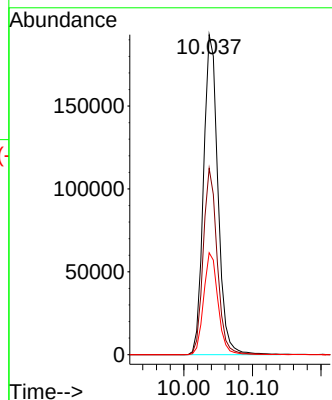
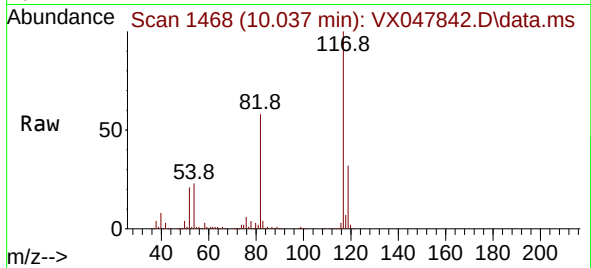




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

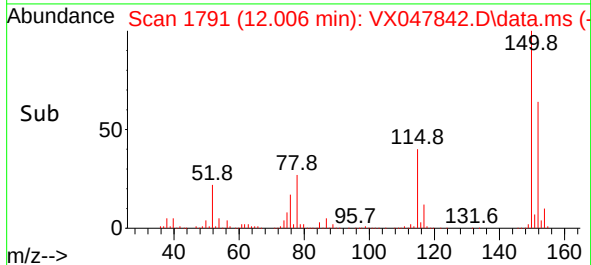
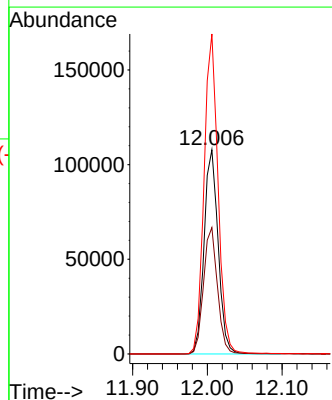
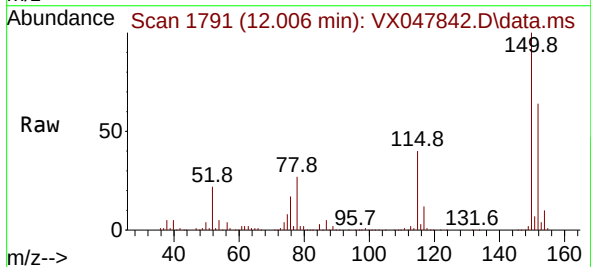
Instrument :
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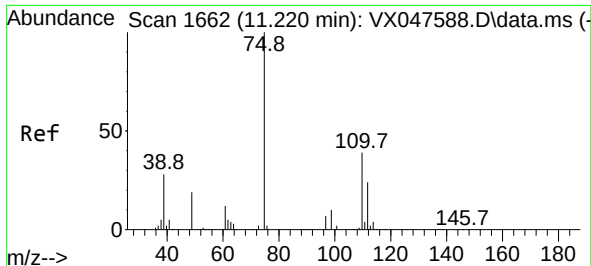
Tgt Ion:117 Resp: 283292
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion:152 Resp: 140911
Ion Ratio Lower Upper
152 100
115 61.7 44.9 134.5
150 155.9 0.0 352.0

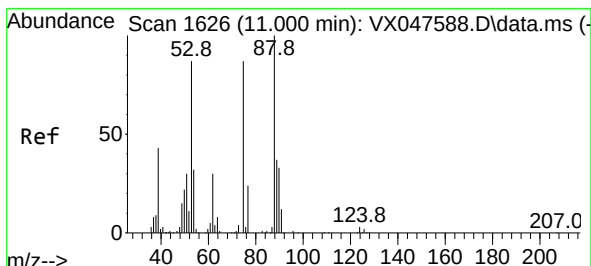
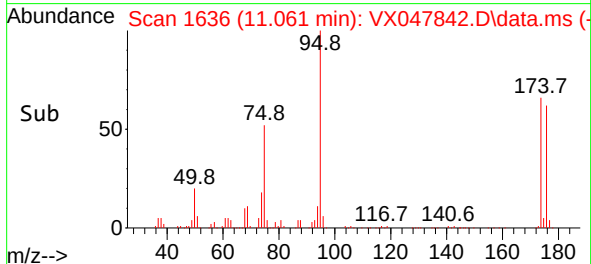
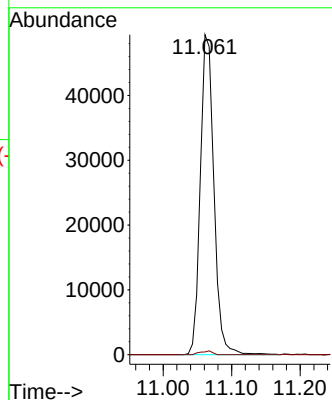
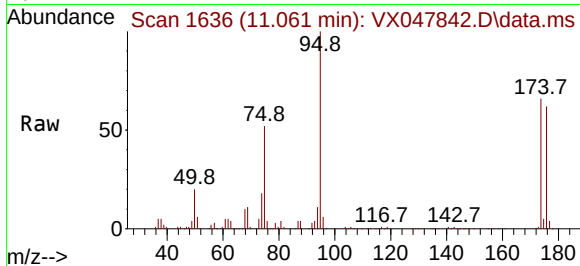




#76
1,2,3-Trichloropropane
Concen: 23.970 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

Tgt Ion: 75 Resp: 68387
Ion Ratio Lower Upper
75 100
77 1.1 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.127 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 75 Resp: 68387
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

