

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048813.D
 Acq On : 10 Dec 2025 15:53
 Operator : JC/MD
 Sample : Q3787-21RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-120425

Quant Time: Dec 11 00:25:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

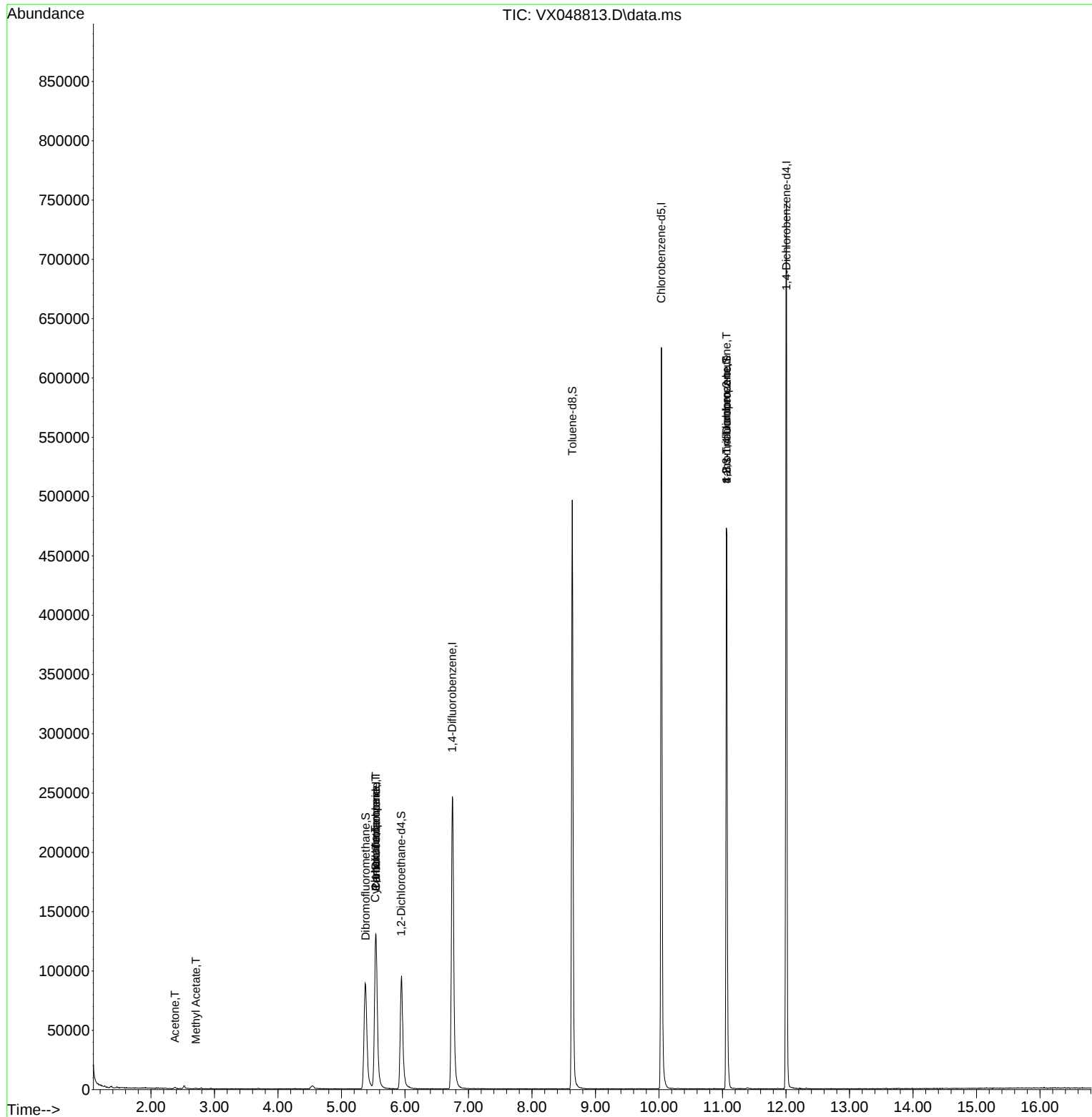
Internal Standards						
1) Pentafluorobenzene	5.544	168	137750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	283821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	308054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	167960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103127	55.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.560%
35) Dibromofluoromethane	5.379	113	91196	46.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.635	98	316230	46.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.320%
62) 4-Bromofluorobenzene	11.061	95	139733	59.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.320%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1736	2.453	ug/l	100
18) Methyl Acetate	2.709	43	810	0.407	ug/l #	51
31) Cyclohexane	5.532	56	2707	1.083	ug/l #	39
36) 1,1-Dichloropropene	5.538	75	10849	4.053	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13788	4.548	ug/l #	13
76) 1,2,3-Trichloropropane	11.061	75	71124	22.736	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	71124	54.006	ug/l #	3
95) Naphthalene	13.768	128	548	Below Cal	#	69

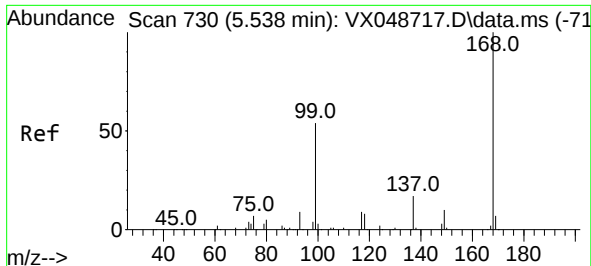
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
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ClientSampleId :
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Quant Time: Dec 11 00:25:34 2025
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Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

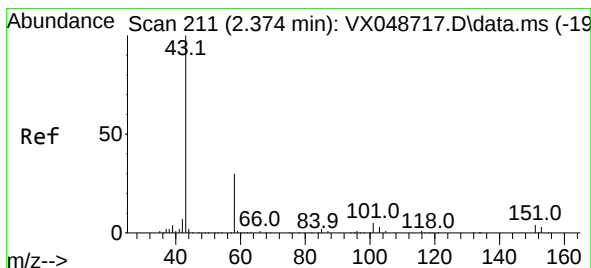
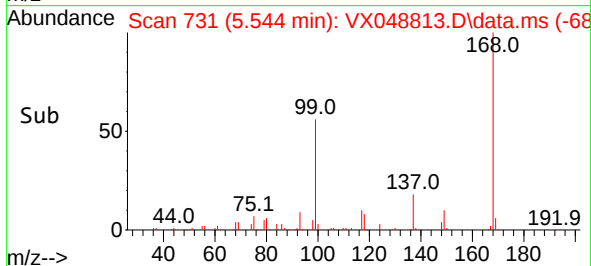
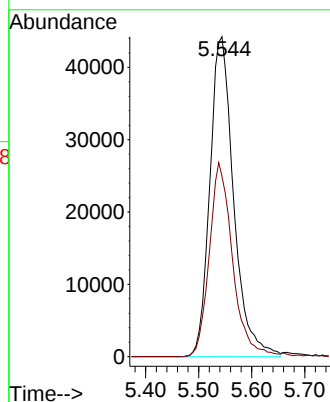
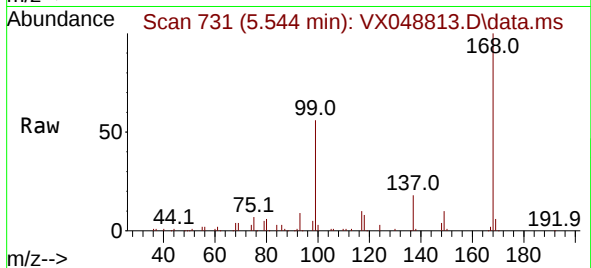




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

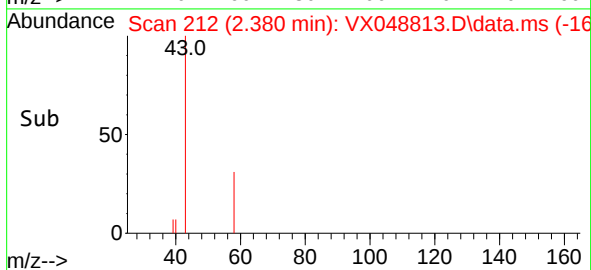
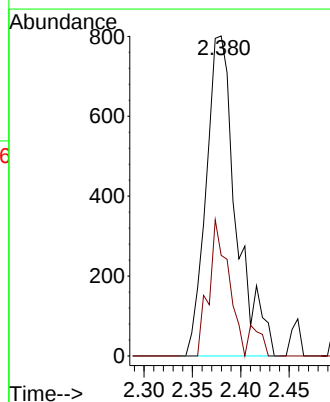
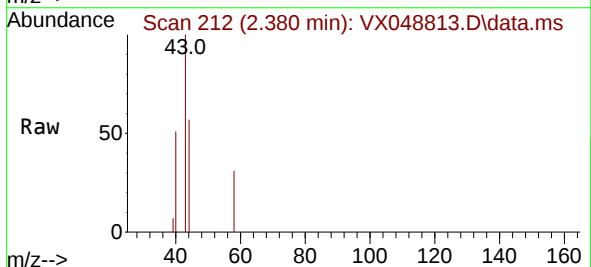
Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

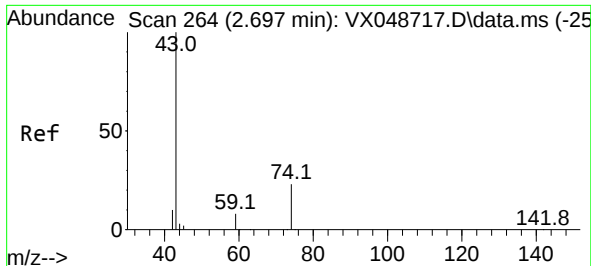
Tgt Ion:168 Resp: 137750
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#16
Acetone
Concen: 2.453 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
58 31.5 25.0 37.4

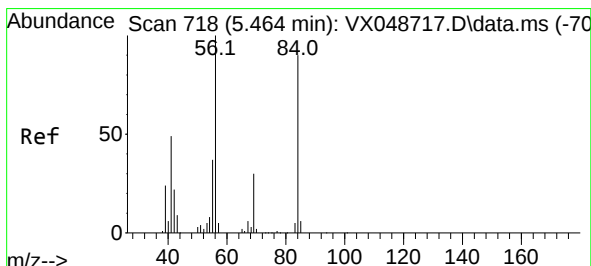
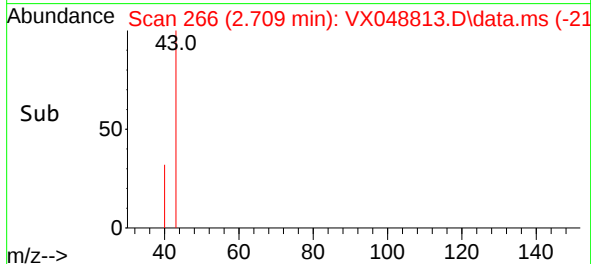
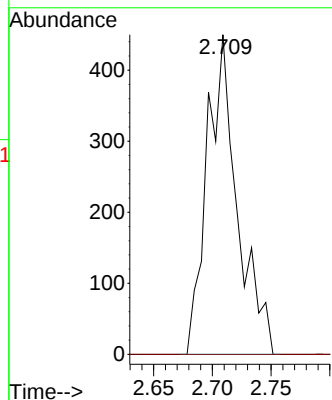
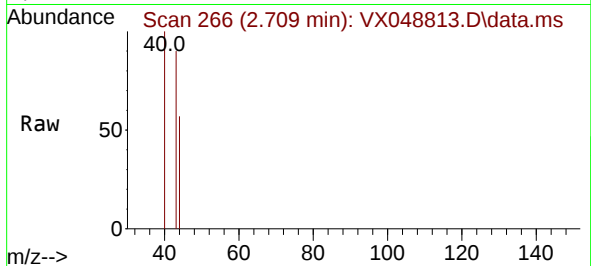




#18
Methyl Acetate
Concen: 0.407 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

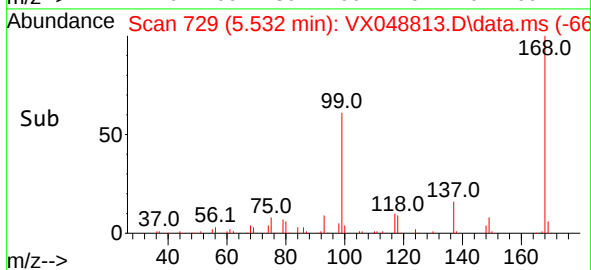
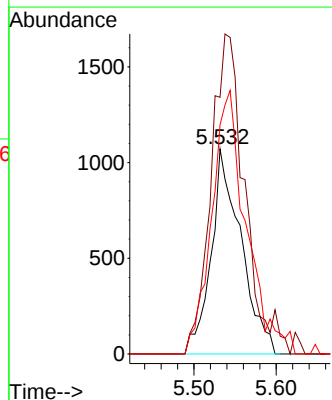
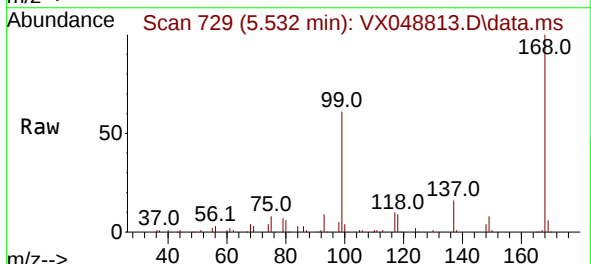
Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

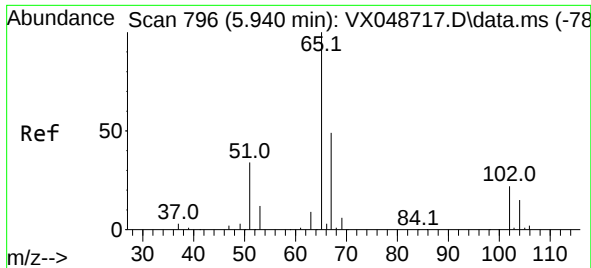
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.532 min Scan# 729
Delta R.T. 0.067 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

Tgt Ion: 56 Resp: 2707
Ion Ratio Lower Upper
56 100
69 125.1 24.2 36.2#
84 111.7 72.1 108.1#

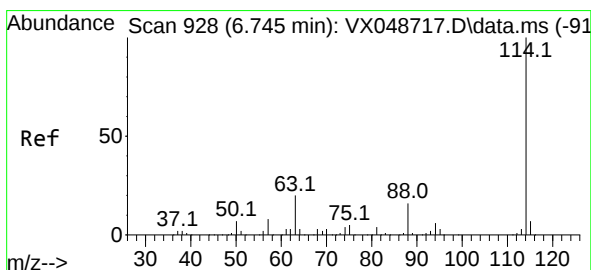
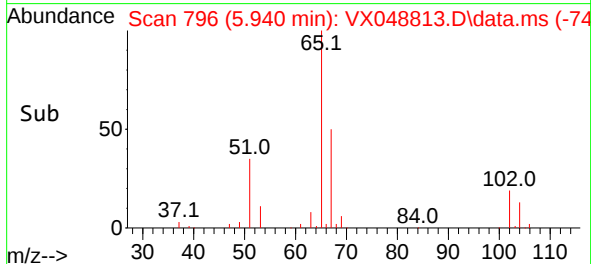
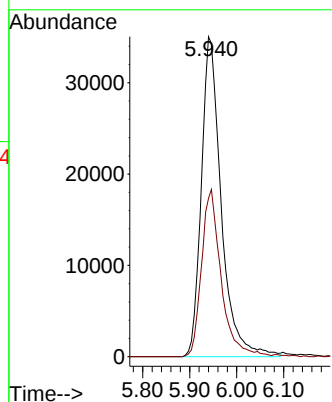
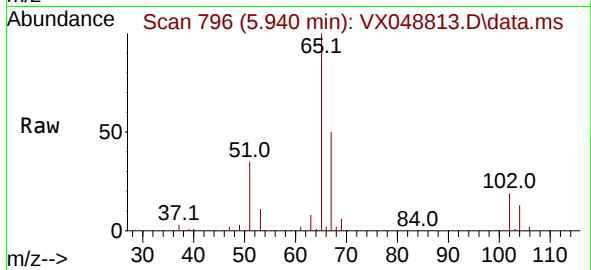




#33
 1,2-Dichloroethane-d4
 Concen: 55.779 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048813.D
 Acq: 10 Dec 2025 15:53

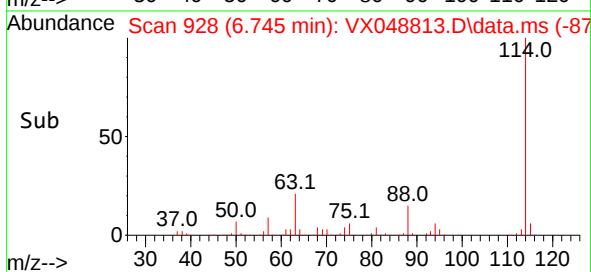
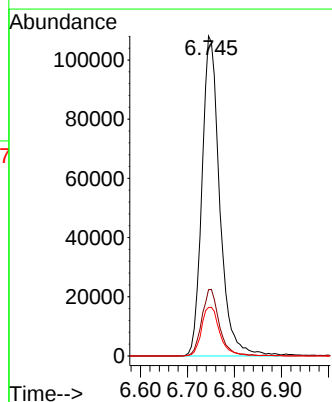
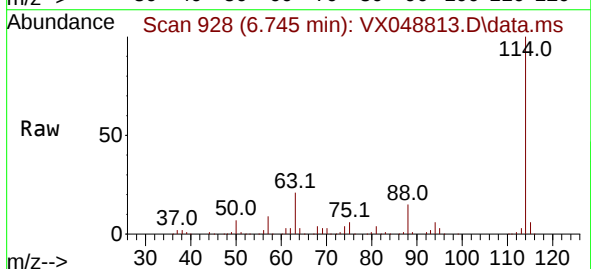
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-120425

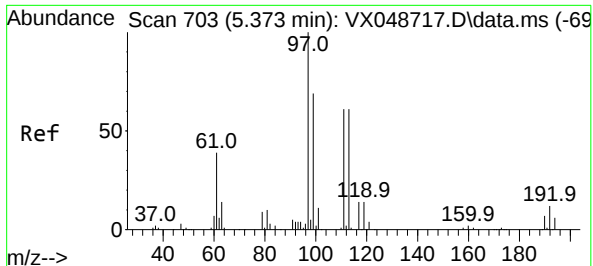
Tgt Ion: 65 Resp: 103127
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048813.D
 Acq: 10 Dec 2025 15:53

Tgt Ion: 114 Resp: 283821
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 15.1 0.0 31.8

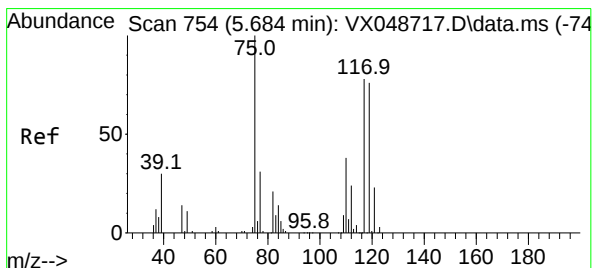
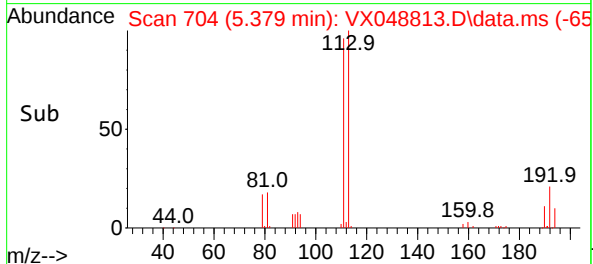
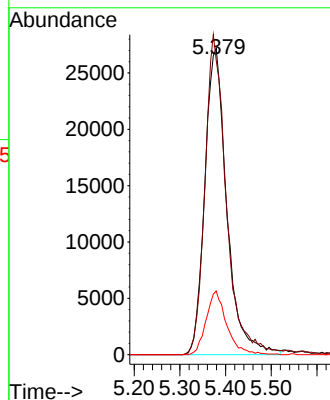
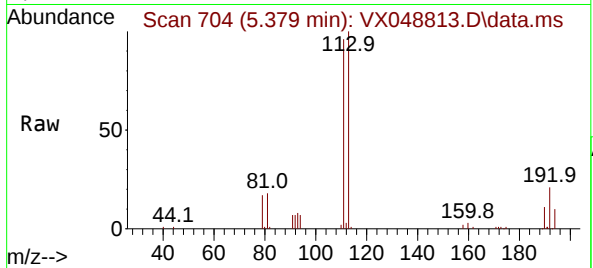




#35
Dibromofluoromethane
Concen: 46.666 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

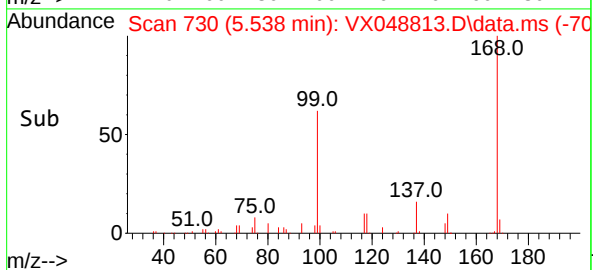
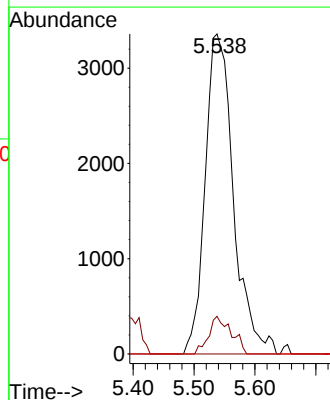
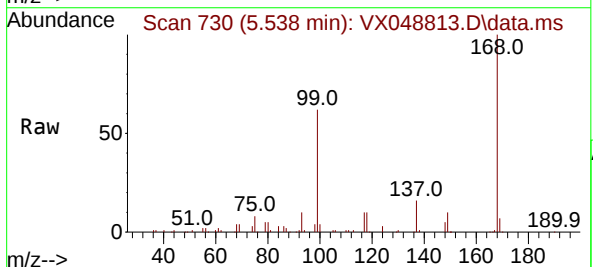
Instrument :
MSVOA_X
ClientSampleId :
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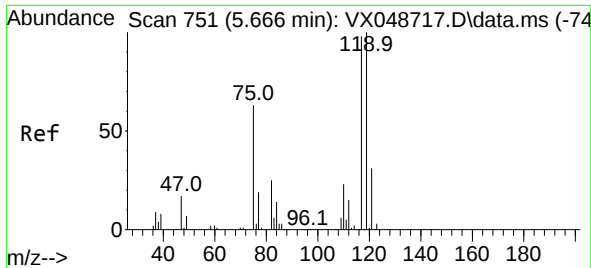
Tgt Ion:113 Resp: 91196
Ion Ratio Lower Upper
113 100
111 100.9 79.5 119.3
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.053 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

Tgt Ion: 75 Resp: 10849
Ion Ratio Lower Upper
75 100
110 9.4 18.6 55.8#
77 0.0 25.3 37.9#

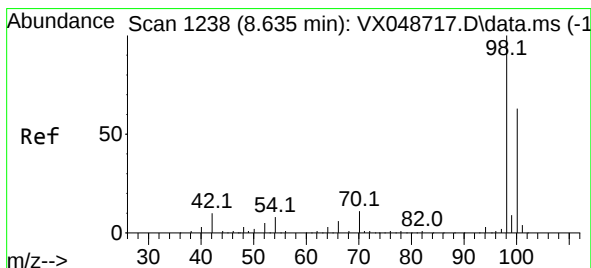
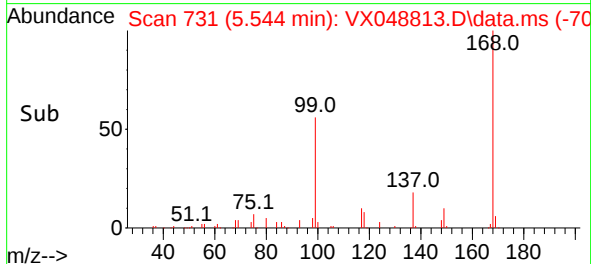
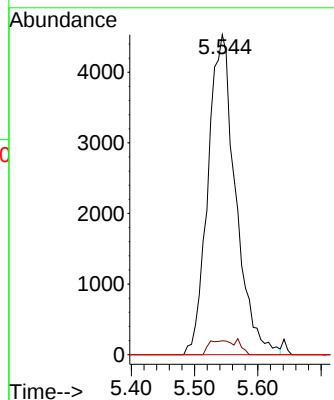
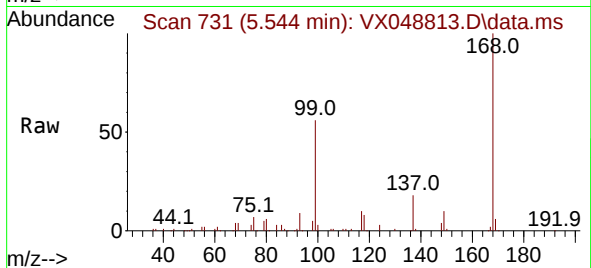




#38
Carbon Tetrachloride
Concen: 4.548 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

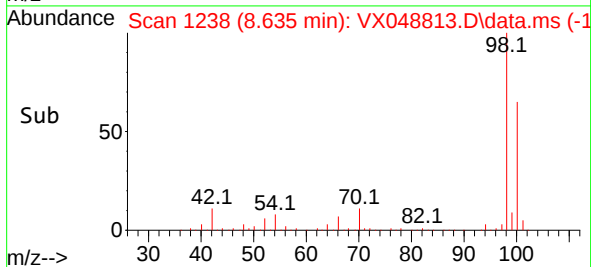
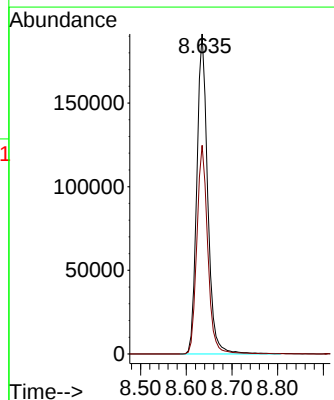
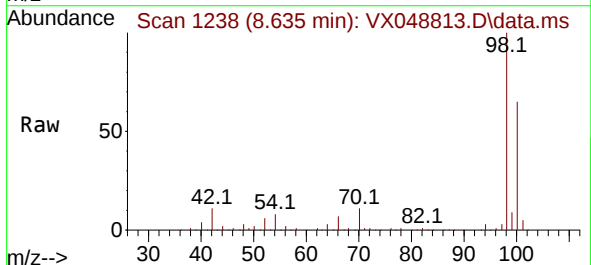
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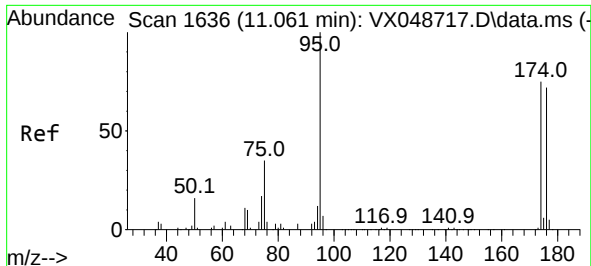
Tgt Ion:117 Resp: 13788
Ion Ratio Lower Upper
117 100
119 4.4 80.5 120.7#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 46.164 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

Tgt Ion: 98 Resp: 316230
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0

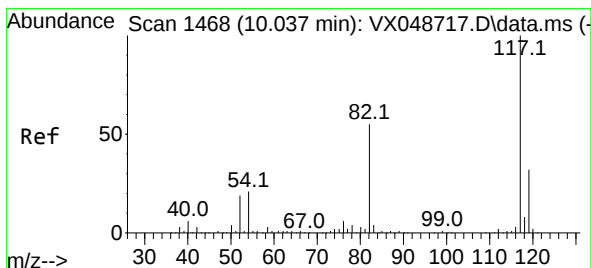
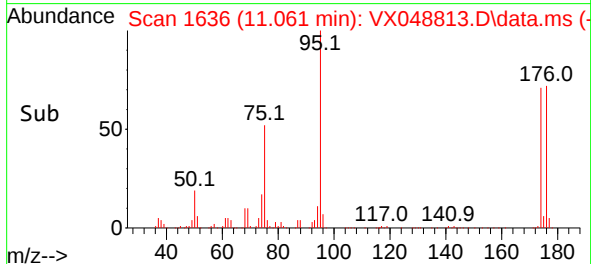
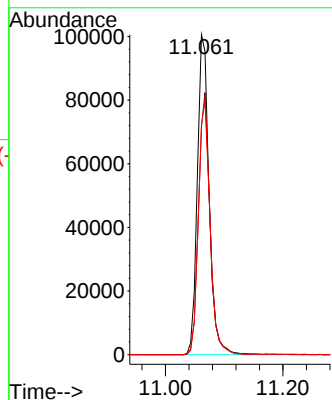
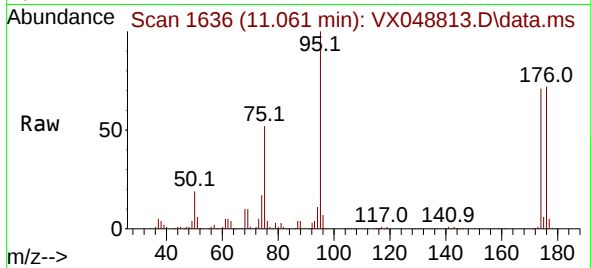




#62
4-Bromofluorobenzene
Concen: 59.155 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

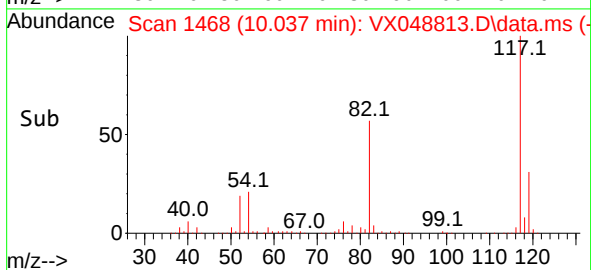
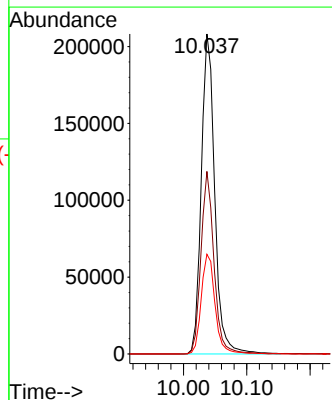
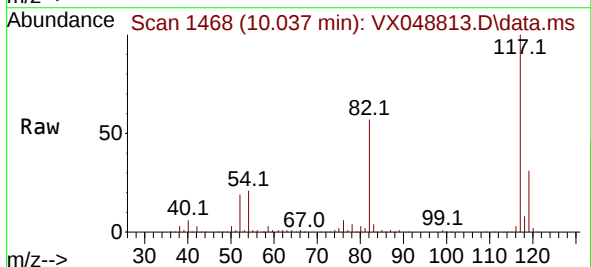
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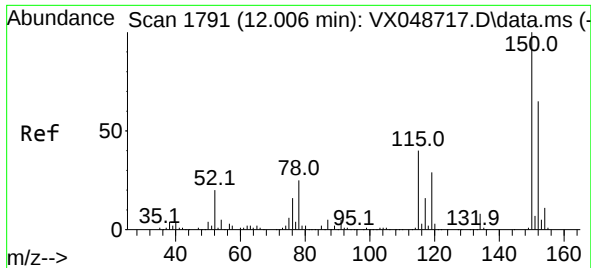
Tgt Ion: 95 Resp: 139733
Ion Ratio Lower Upper
95 100
174 80.4 0.0 157.8
176 79.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

Tgt Ion: 117 Resp: 308054
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 31.1 25.2 37.8

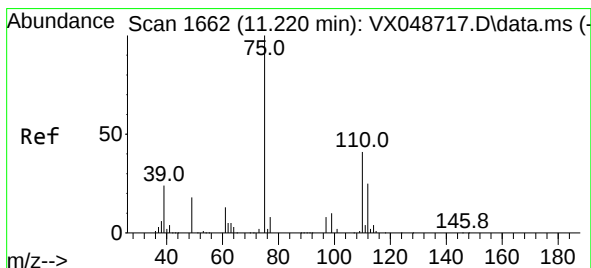
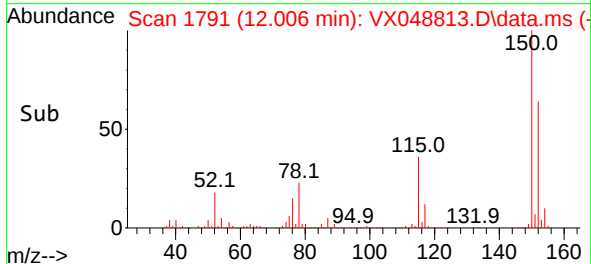
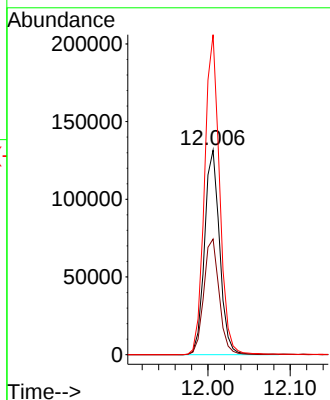
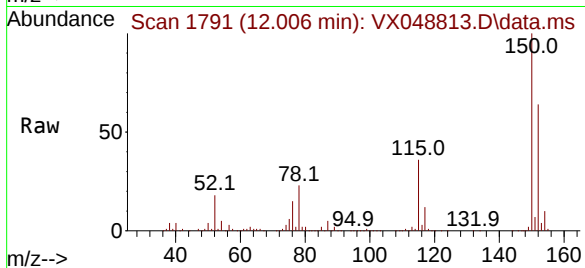




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048813.D
 Acq: 10 Dec 2025 15:53

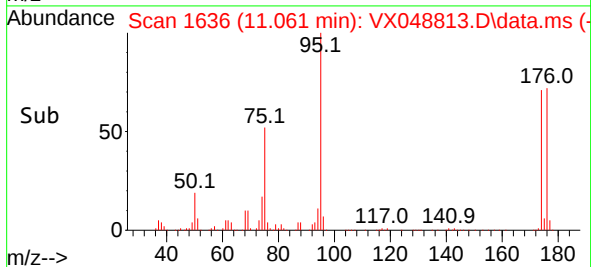
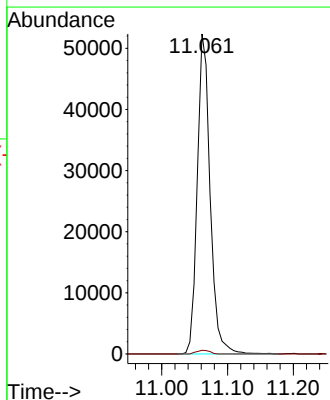
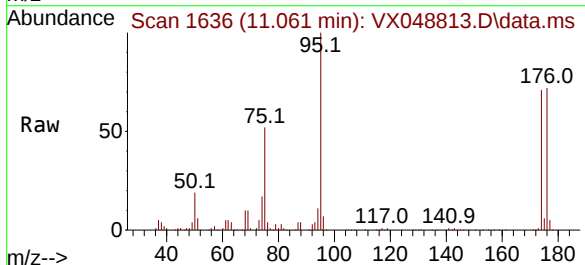
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-120425

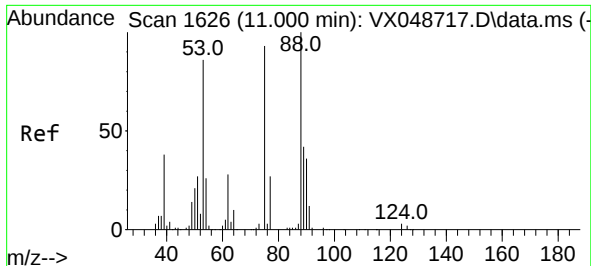
Tgt Ion:152 Resp: 167960
 Ion Ratio Lower Upper
 152 100
 115 57.5 42.1 126.4
 150 155.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 22.736 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048813.D
 Acq: 10 Dec 2025 15:53

Tgt Ion: 75 Resp: 71124
 Ion Ratio Lower Upper
 75 100
 77 1.2 24.3 73.0#

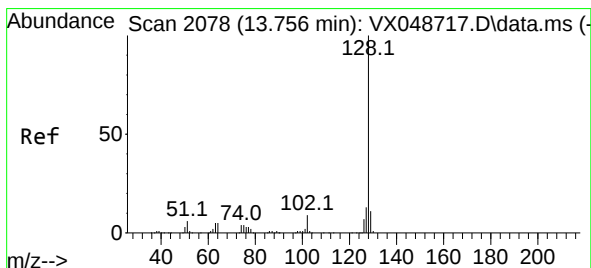
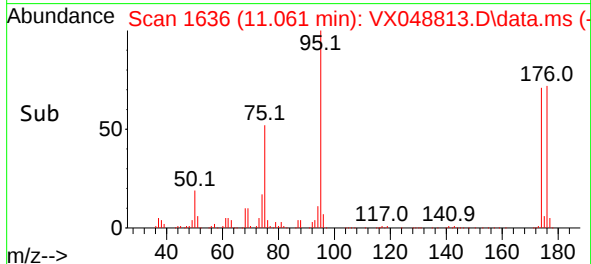
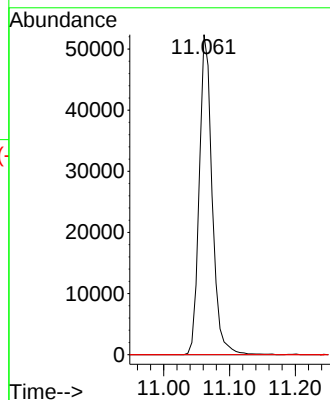
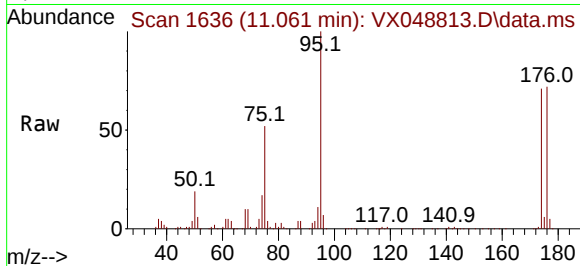




#81
trans-1,4-Dichloro-2-butene
Concen: 54.006 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

Tgt Ion: 75 Resp: 71124
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#95
Naphthalene
Concen: Below Cal
RT: 13.768 min Scan# 2080
Delta R.T. 0.012 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

Tgt Ion:128 Resp: 548
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

