

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048367.D
 Acq On : 27 Oct 2025 13:40
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 28 01:53:21 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)

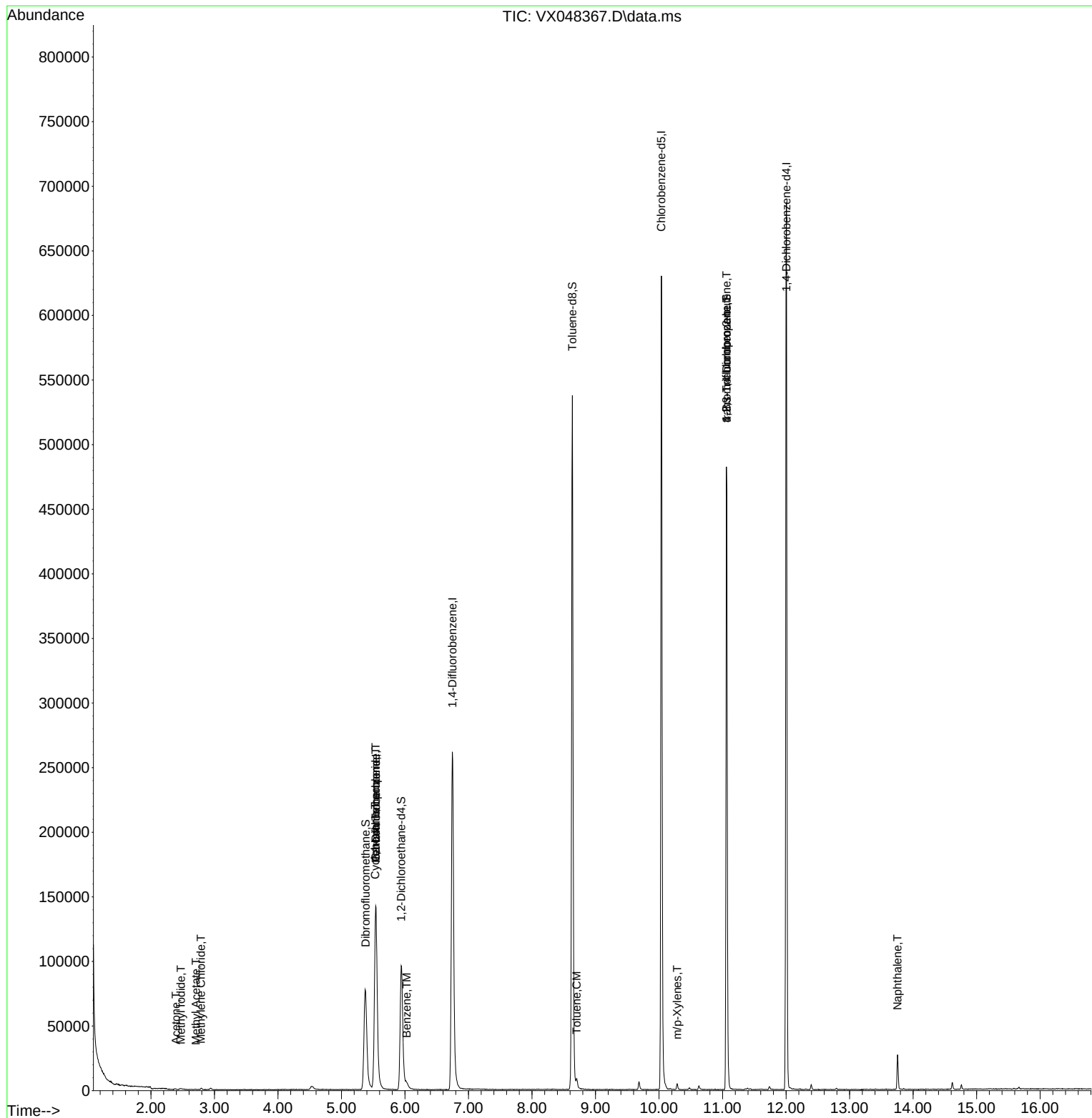
Internal Standards						
1) Pentafluorobenzene	5.543	168	143110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	285215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	288565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109355	54.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.000%			
35) Dibromofluoromethane	5.379	113	77069	39.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 79.160%			
50) Toluene-d8	8.634	98	325346	47.670	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.340%			
62) 4-Bromofluorobenzene	11.061	95	138385	53.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds						Qvalue
10) Methyl Iodide	2.471	142	1378	0.710	ug/l #	88
16) Acetone	2.392	43	910	1.322	ug/l #	70
18) Methyl Acetate	2.709	43	388	0.270	ug/l #	64
20) Methylene Chloride	2.788	84	342	0.204	ug/l #	67
31) Cyclohexane	5.531	56	3274	1.315	ug/l #	22
36) 1,1-Dichloropropene	5.537	75	12703	4.590	ug/l #	50
38) Carbon Tetrachloride	5.537	117	15315	4.485	ug/l #	16
40) Benzene	6.025	78	4028	0.501	ug/l	99
52) Toluene	8.701	92	2306	0.452	ug/l	97
68) m/p-Xylenes	10.286	106	1068	0.260	ug/l	91
76) 1,2,3-Trichloropropane	11.061	75	74772	32.217	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	74772	78.381	ug/l #	10
95) Naphthalene	13.755	128	16698	2.009	ug/l	99

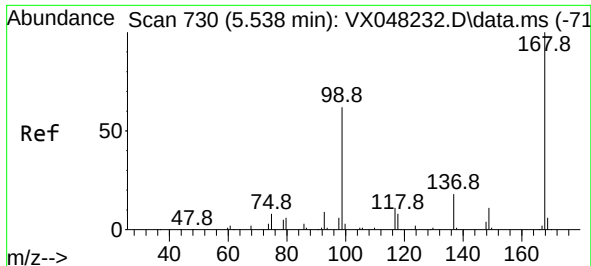
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
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Quant Time: Oct 28 01:53:21 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

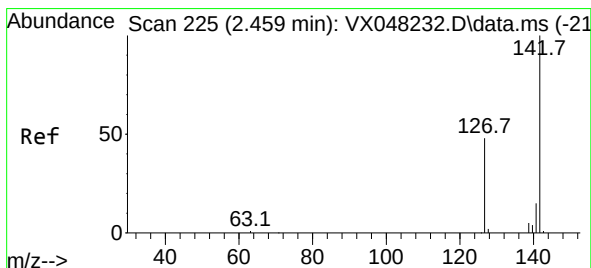
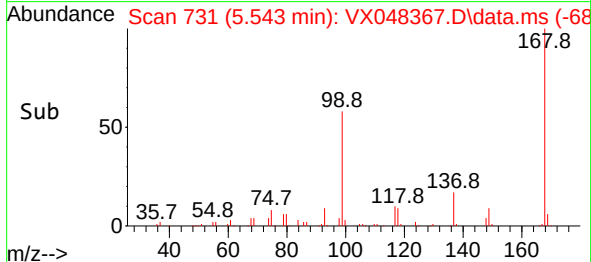
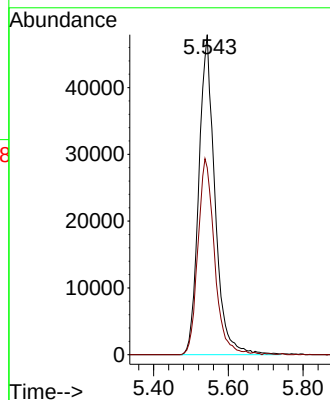
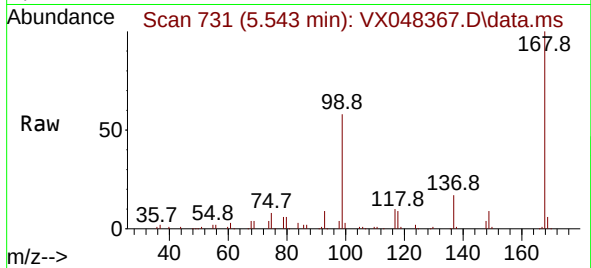




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

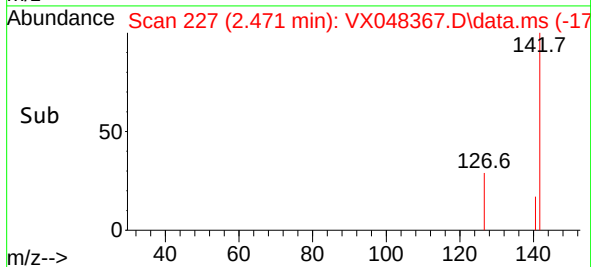
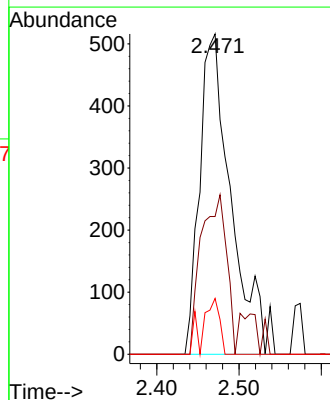
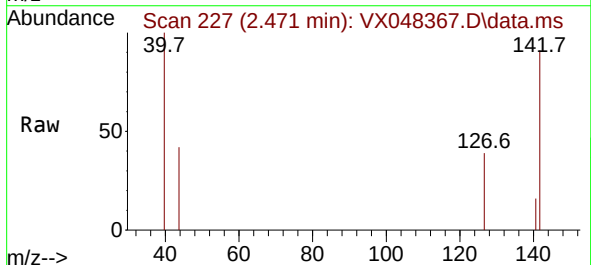
Instrument :
MSVOA_X
ClientSampleId :
IBLK

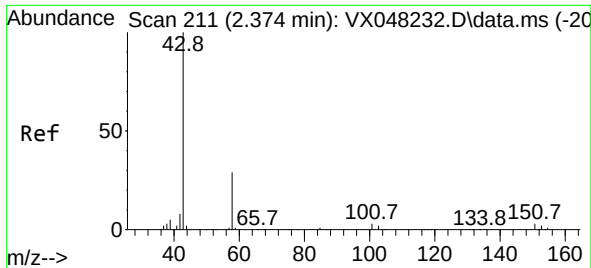
Tgt Ion:168 Resp: 143110
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6



#10
Methyl Iodide
Concen: 0.710 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion:142 Resp: 1378
Ion Ratio Lower Upper
142 100
127 40.0 38.5 57.7
141 9.4 11.6 17.4#

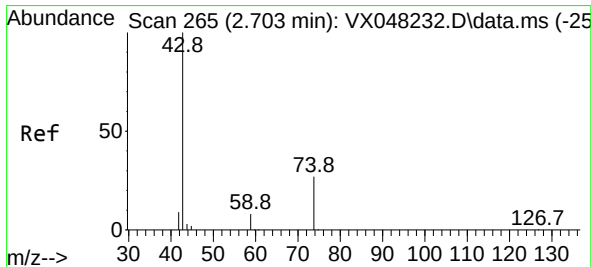
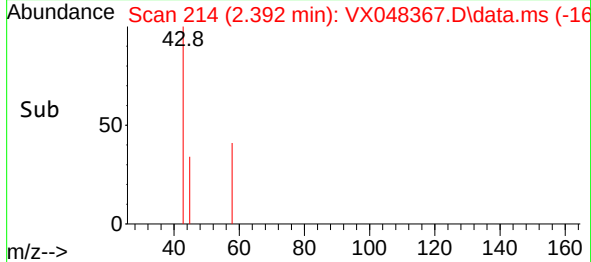
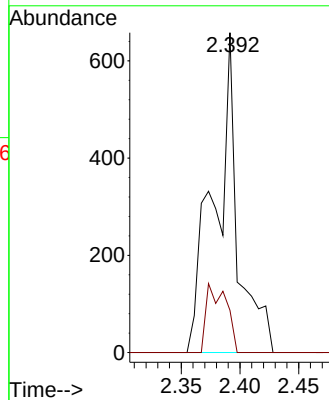
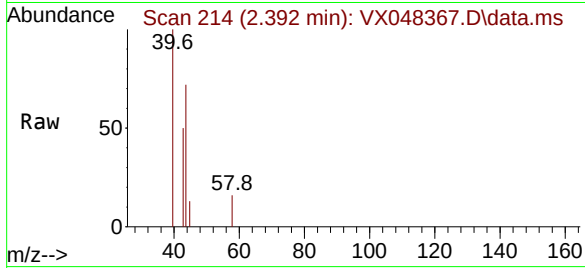




#16
Acetone
Concen: 1.322 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

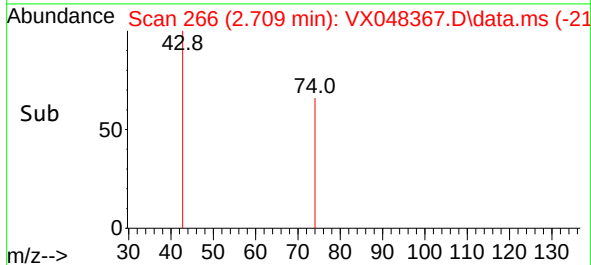
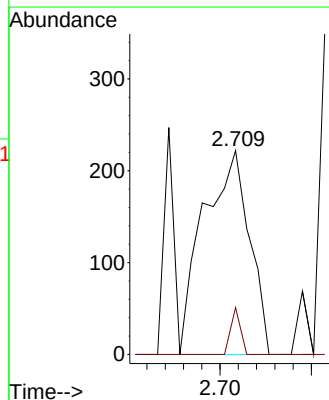
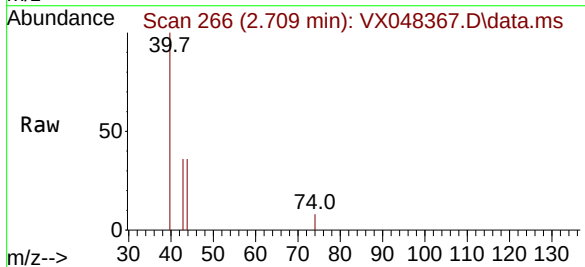
Instrument :
MSVOA_X
ClientSampleId :
IBLK

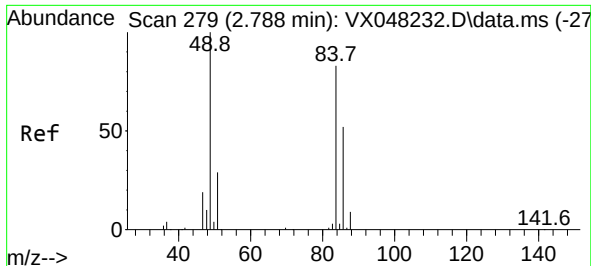
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 13.2 23.4 35.2#



#18
Methyl Acetate
Concen: 0.270 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
74 4.9 17.5 26.3#

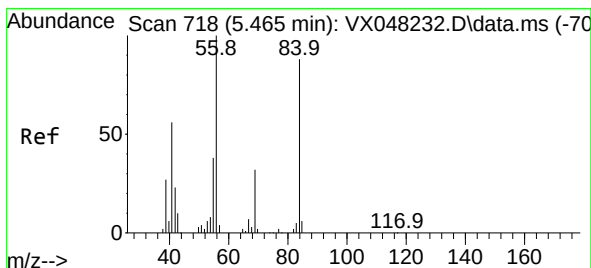
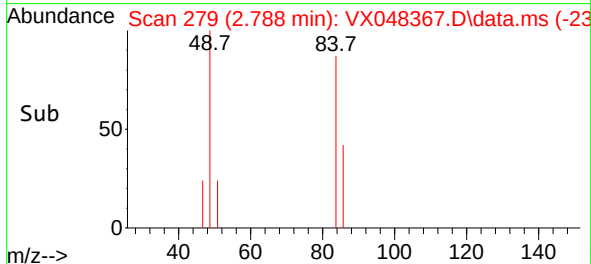
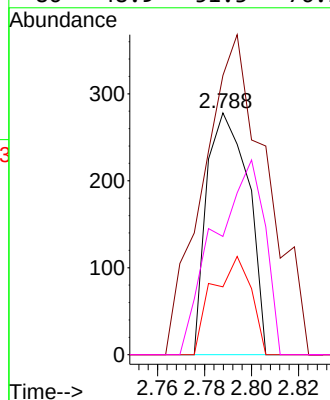
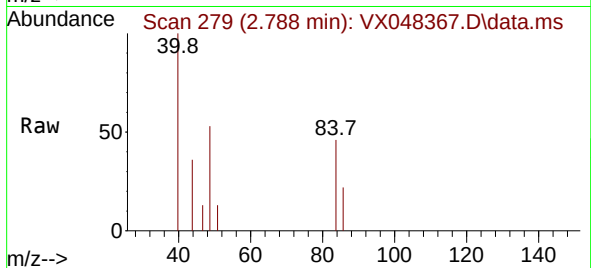




#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

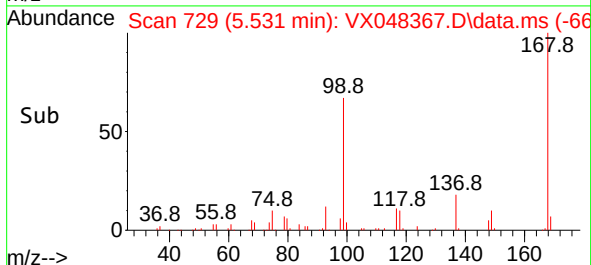
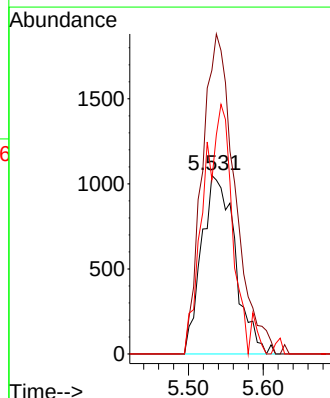
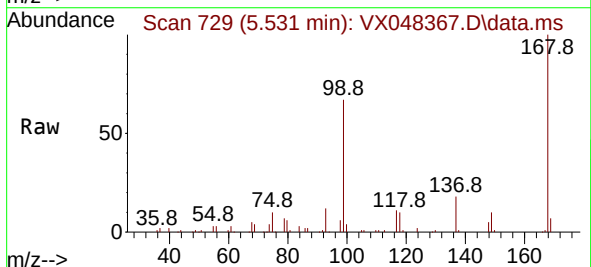
Instrument :
MSVOA_X
ClientSampleId :
IBLK

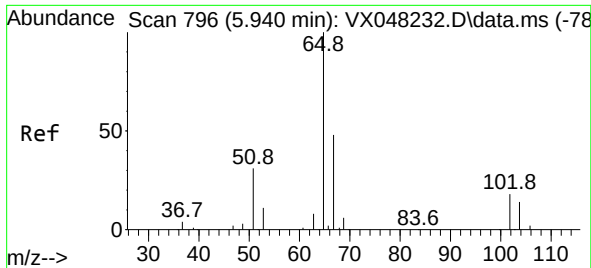
Tgt Ion:	84	Resp:	342
Ion	Ratio	Lower	Upper
84	100		
49	77.7	104.1	156.1#
51	28.1	31.3	46.9#
86	48.9	51.3	76.9#



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion:	56	Resp:	3274
Ion	Ratio	Lower	Upper
56	100		
69	158.9	23.0	34.6#
84	97.5	64.6	97.0#

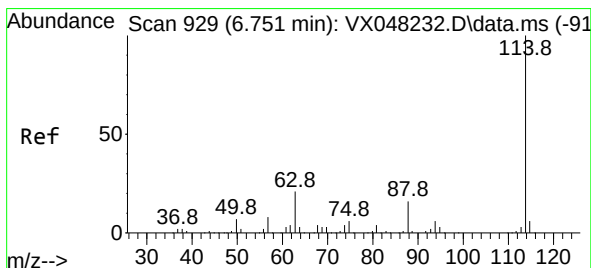
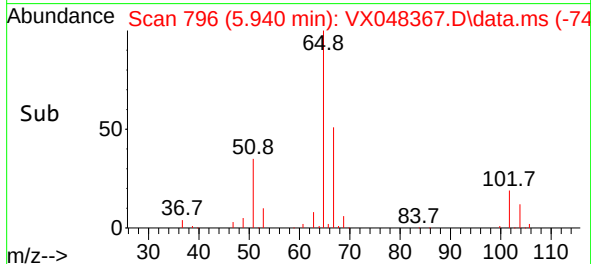
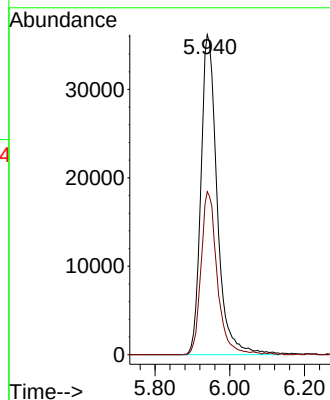
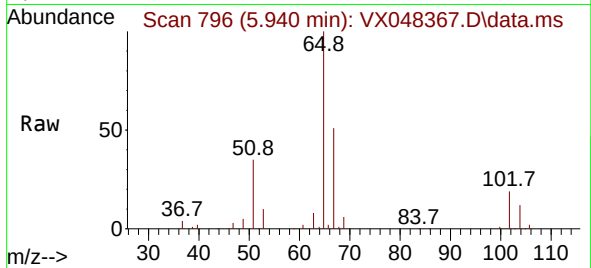




#33
 1,2-Dichloroethane-d4
 Concen: 54.500 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048367.D
 Acq: 27 Oct 2025 13:40

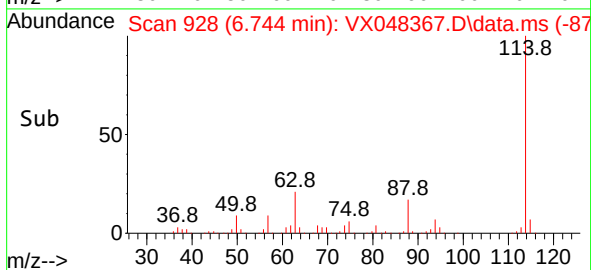
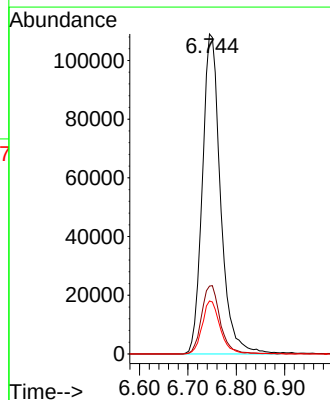
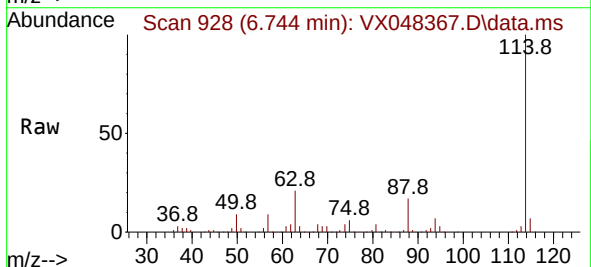
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

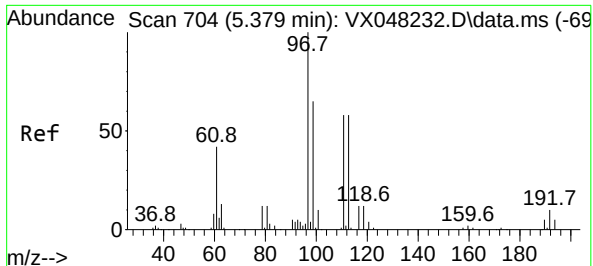
Tgt Ion: 65 Resp: 109355
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.744 min Scan# 928
 Delta R.T. -0.001 min
 Lab File: VX048367.D
 Acq: 27 Oct 2025 13:40

Tgt Ion: 114 Resp: 285215
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.6 0.0 33.6

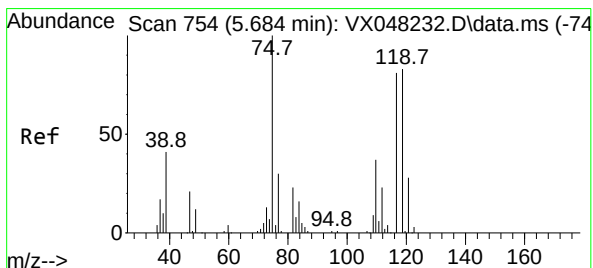
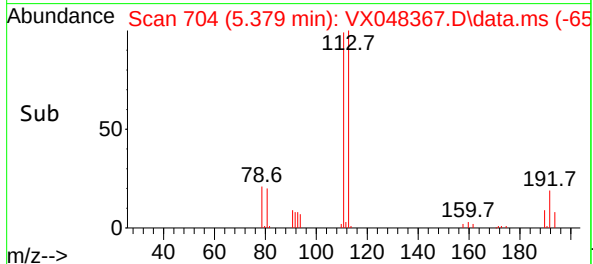
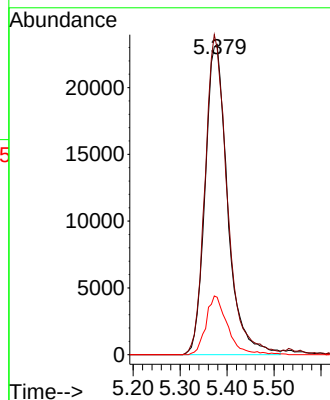
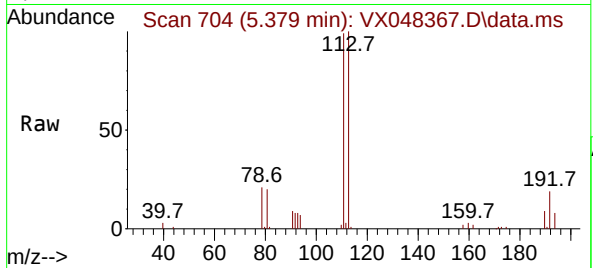




#35
Dibromofluoromethane
Concen: 39.580 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

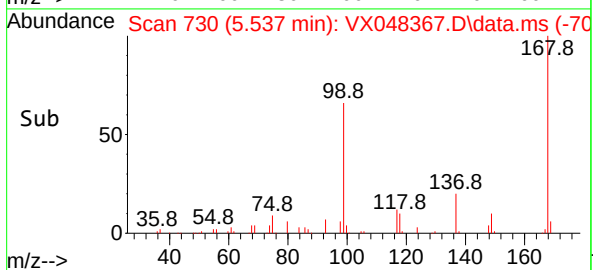
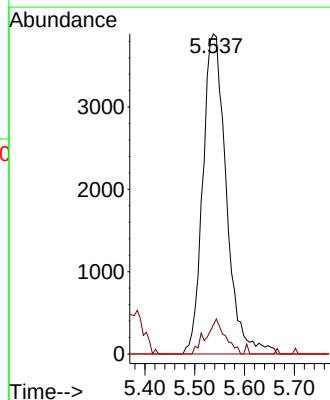
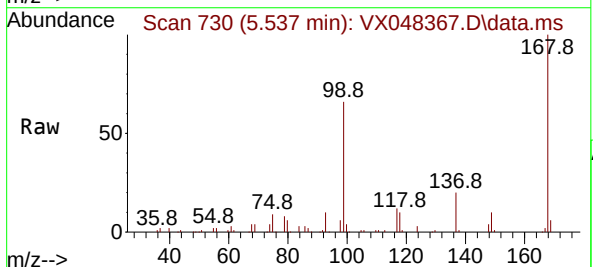
Instrument :
MSVOA_X
ClientSampleId :
IBLK

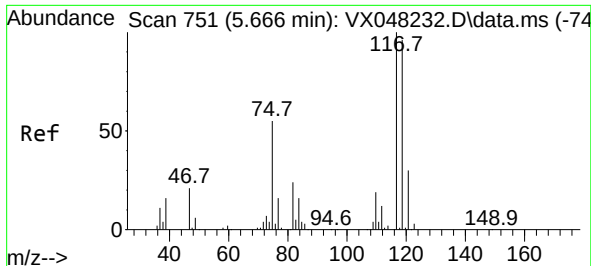
Tgt Ion:113 Resp: 77069
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.590 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

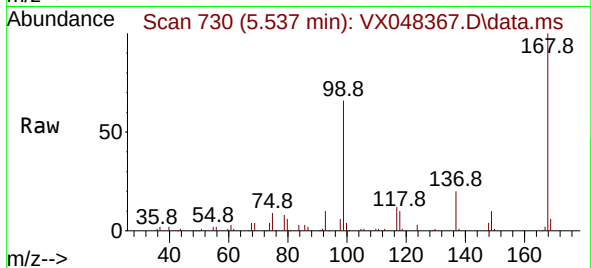
Tgt Ion: 75 Resp: 12703
Ion Ratio Lower Upper
75 100
110 8.9 17.7 53.1#
77 0.0 24.3 36.5#



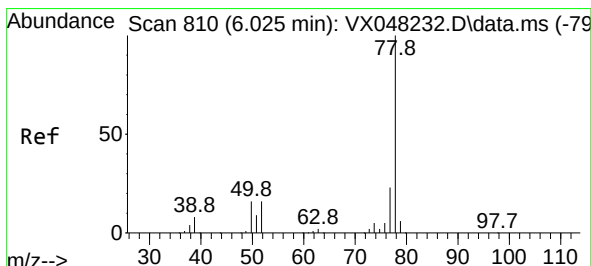
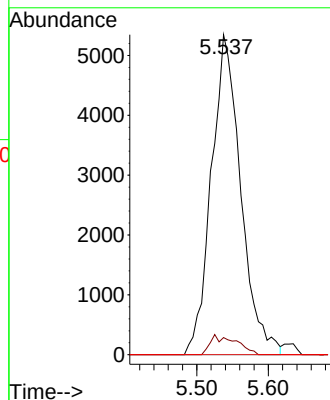
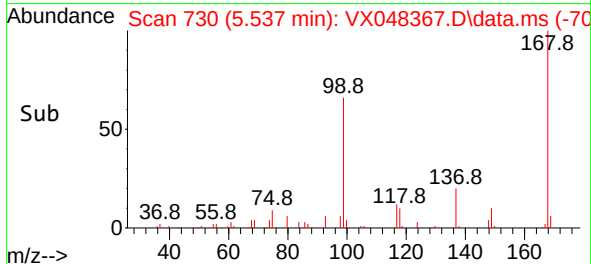


#38
Carbon Tetrachloride
Concen: 4.485 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

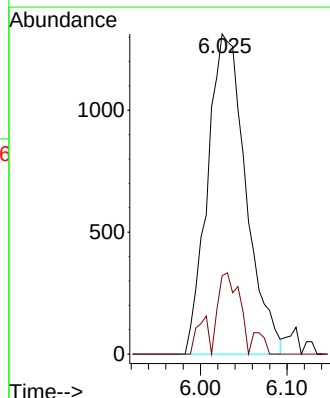
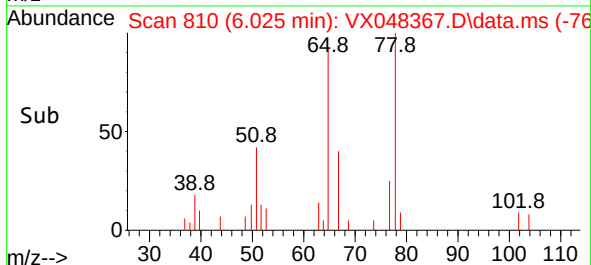
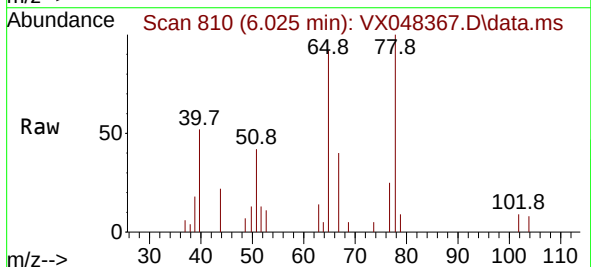


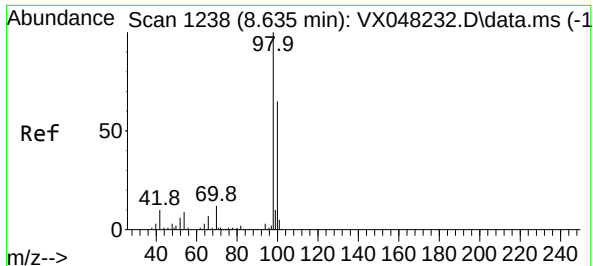
Tgt Ion:117 Resp: 15315
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 0.501 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion: 78 Resp: 4028
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9

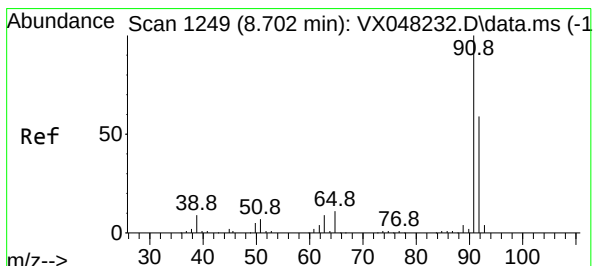
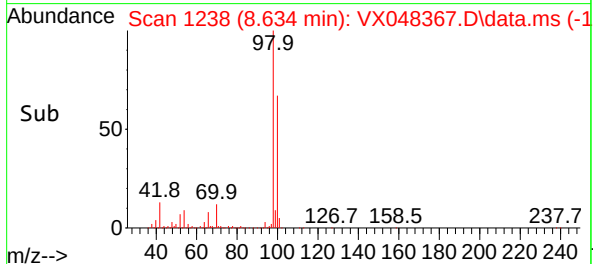
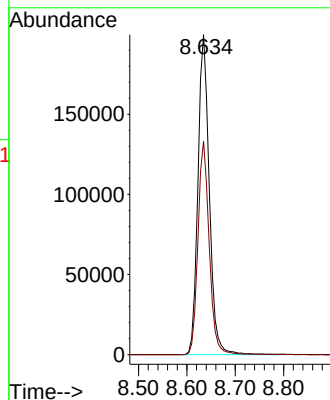
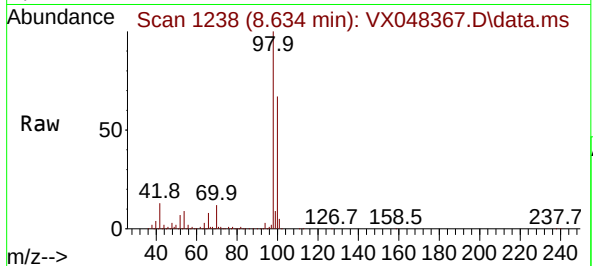




#50
Toluene-d8
Concen: 47.670 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

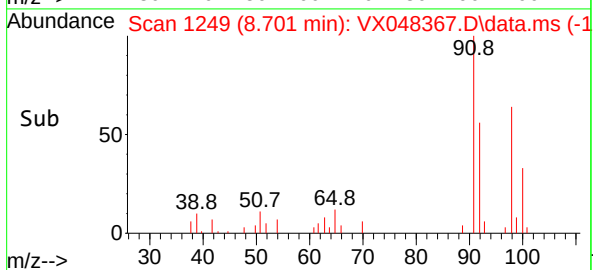
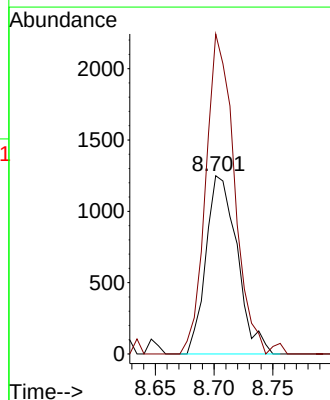
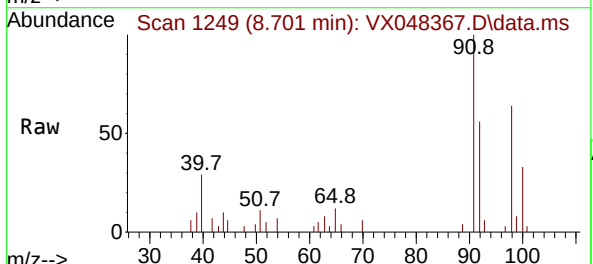
Instrument :
MSVOA_X
ClientSampleId :
IBLK

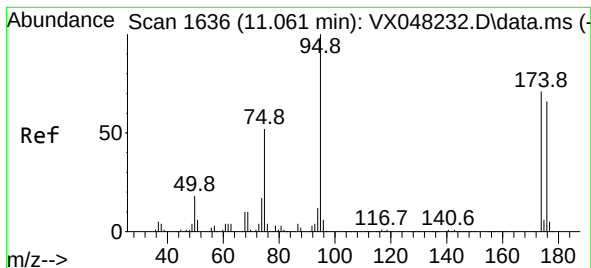
Tgt Ion: 98 Resp: 325346
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#52
Toluene
Concen: 0.452 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion: 92 Resp: 2306
Ion Ratio Lower Upper
92 100
91 166.1 136.1 204.1

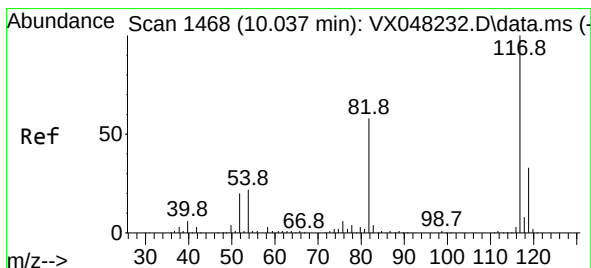
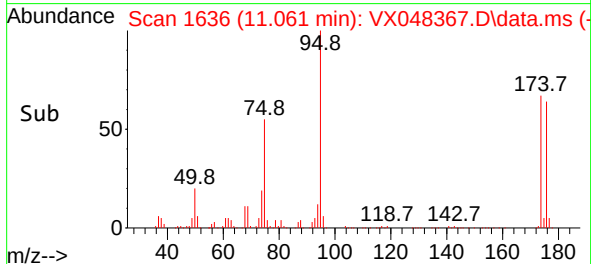
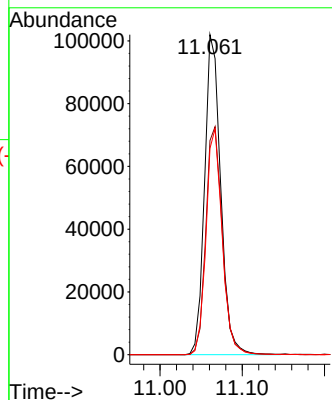
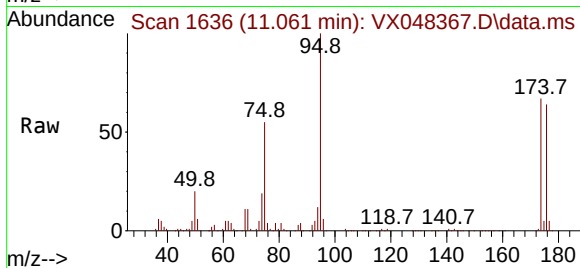




#62
4-Bromofluorobenzene
Concen: 53.299 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

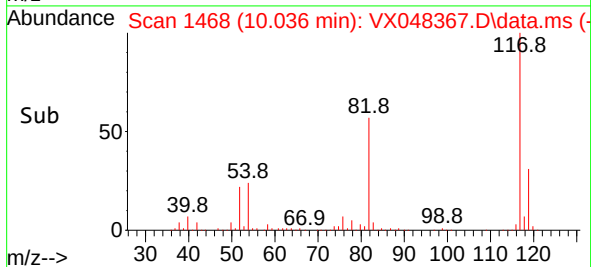
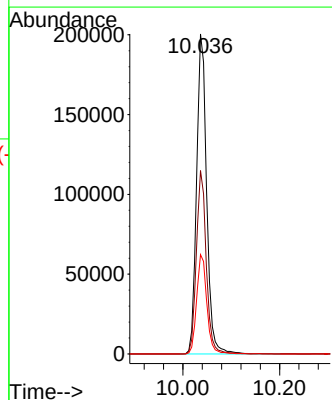
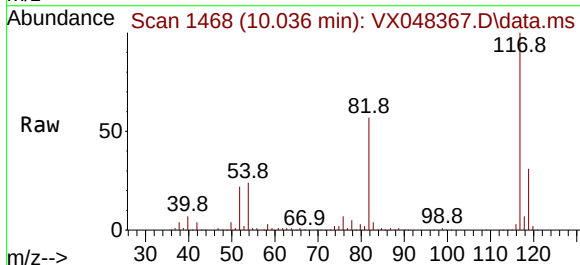
Instrument :
MSVOA_X
ClientSampleId :
IBLK

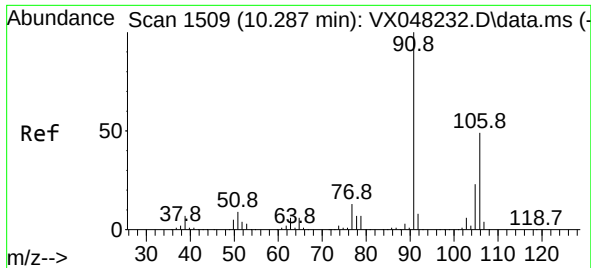
Tgt Ion: 95 Resp: 138385
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.8
176 70.9 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion: 117 Resp: 288565
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 31.0 25.9 38.9

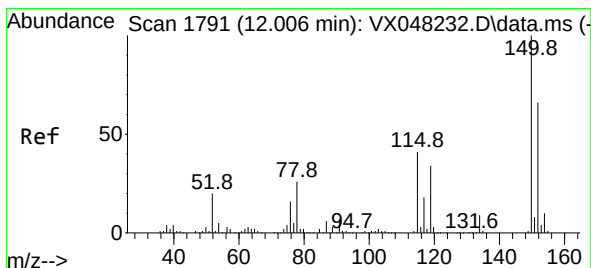
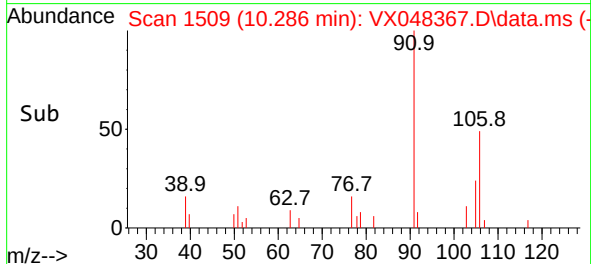
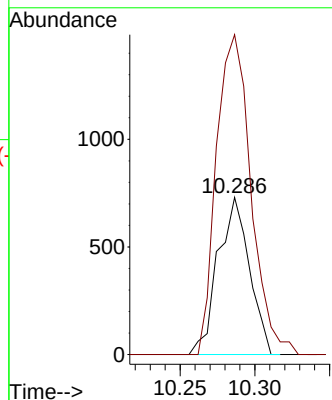
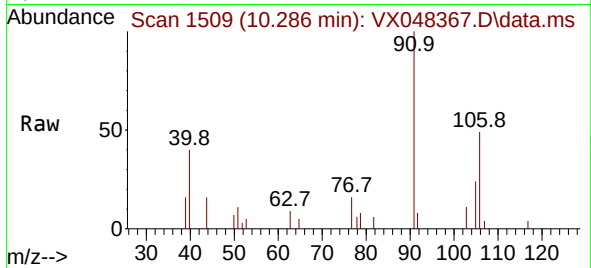




#68
m/p-Xylenes
Concen: 0.260 ug/l
RT: 10.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

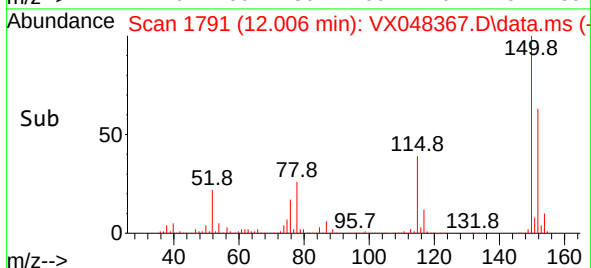
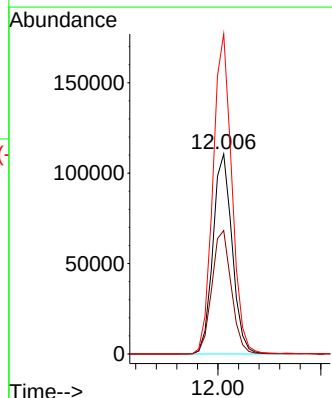
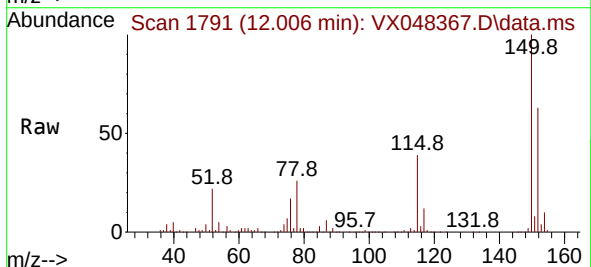
Instrument :
MSVOA_X
ClientSampleId :
IBLK

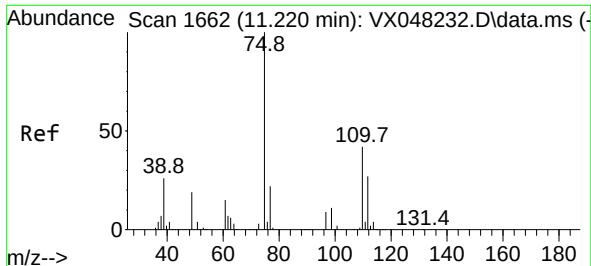
Tgt Ion:106 Resp: 1068
Ion Ratio Lower Upper
106 100
91 223.8 167.9 251.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion:152 Resp: 143118
Ion Ratio Lower Upper
152 100
115 62.8 43.1 129.4
150 157.6 0.0 353.0

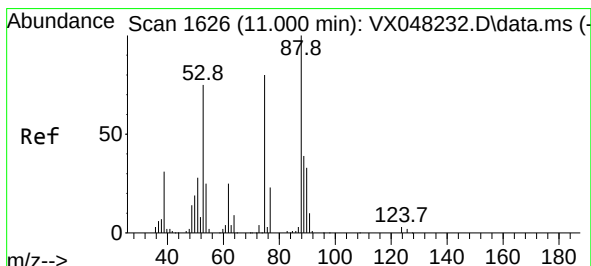
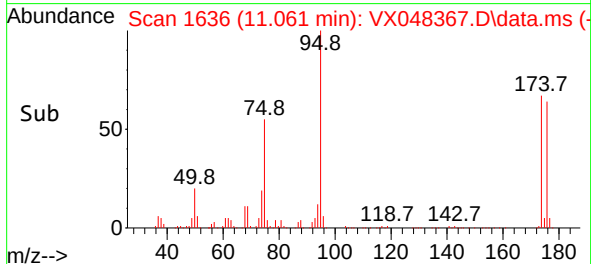
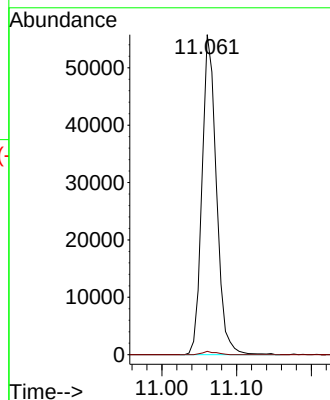
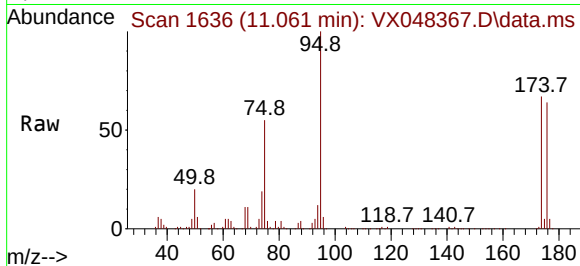




#76
1,2,3-Trichloropropane
Concen: 32.217 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

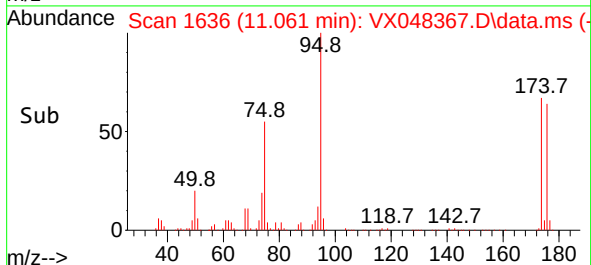
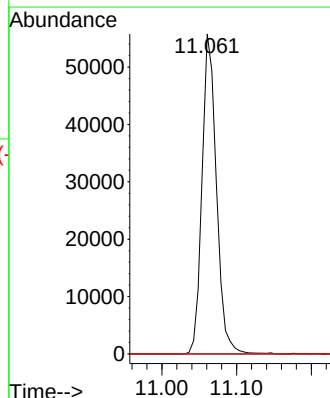
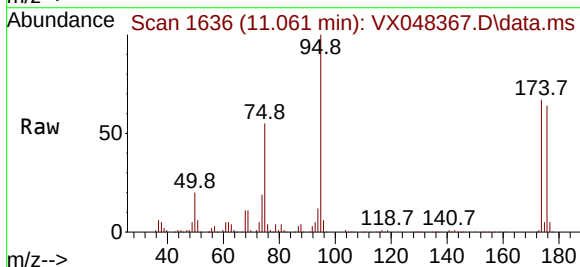
Instrument :
MSVOA_X
ClientSampleId :
IBLK

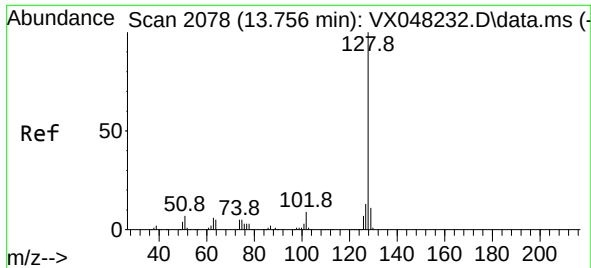
Tgt Ion: 75 Resp: 74772
Ion Ratio Lower Upper
75 100
77 1.0 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.381 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion: 75 Resp: 74772
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#





#95

Naphthalene

Concen: 2.009 ug/l

RT: 13.755 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX048367.D

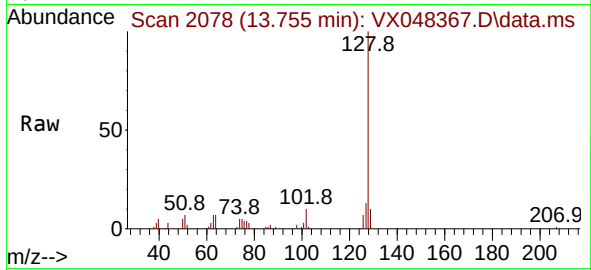
Acq: 27 Oct 2025 13:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 16698

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.9 8.6 12.8

