

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048732.D
 Acq On : 05 Dec 2025 13:53
 Operator : JC/MD
 Sample : Q3757-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03D-490-120325

Quant Time: Dec 05 22:04:09 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)

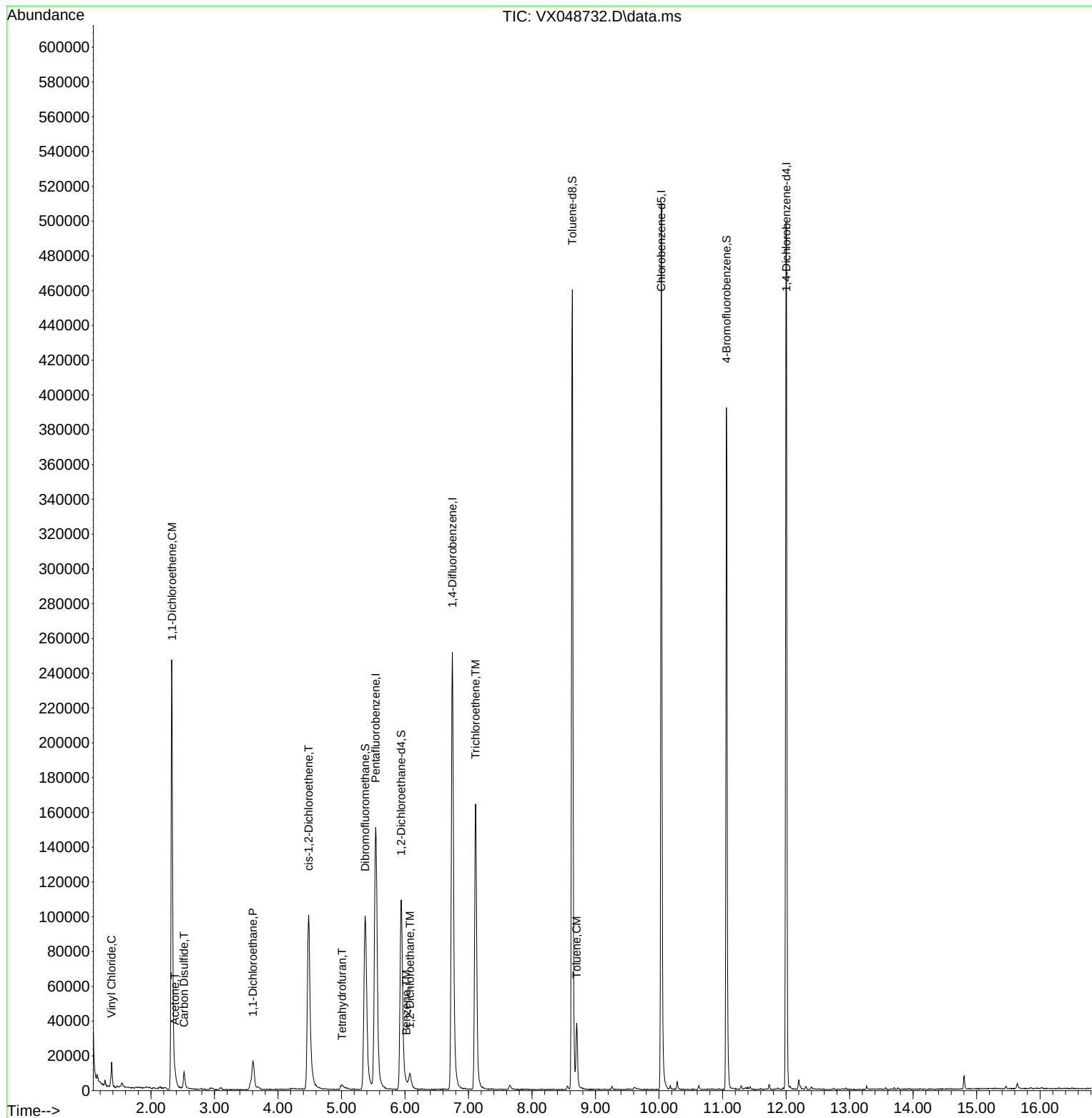
Internal Standards						
1) Pentafluorobenzene	5.538	168	163180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	280929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	120640	55.082	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.160%			
35) Dibromofluoromethane	5.373	113	100214	51.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	8.635	98	290658	42.868	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 85.740%#			
62) 4-Bromofluorobenzene	11.061	95	106460	45.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.060%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	8761	3.921	ug/l	95
12) 1,1-Dichloroethene	2.331	96	91225	48.143	ug/l	98
16) Acetone	2.380	43	2388	2.848	ug/l	89
17) Carbon Disulfide	2.520	76	14803	2.690	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	21327	6.432	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	76248	34.939	ug/l	89
29) Tetrahydrofuran	5.007	42	2915	3.085	ug/l #	78
40) Benzene	6.019	78	1766	0.225	ug/l	98
42) 1,2-Dichloroethane	6.080	62	10373	3.732	ug/l	94
44) Trichloroethene	7.110	130	72016	35.143	ug/l	100
52) Toluene	8.702	92	14719	3.108	ug/l	100

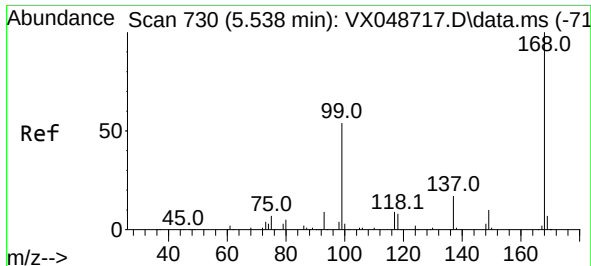
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
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Sample : Q3757-03
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ClientSampleId :
BR-03D-490-120325

Quant Time: Dec 05 22:04:09 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

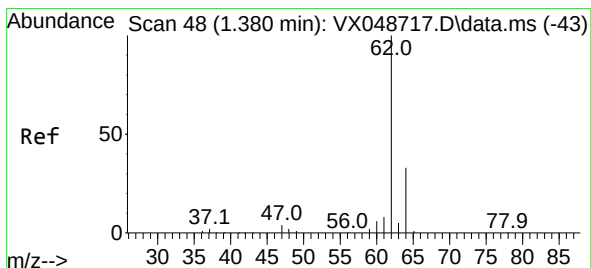
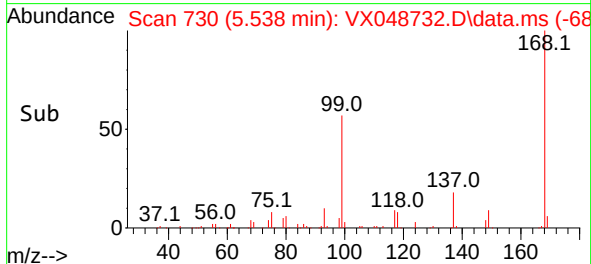
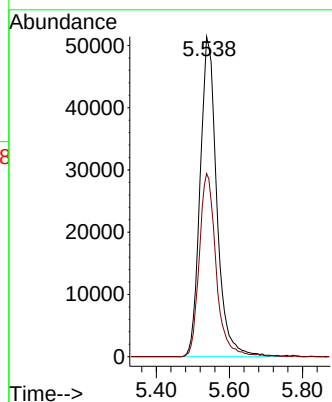
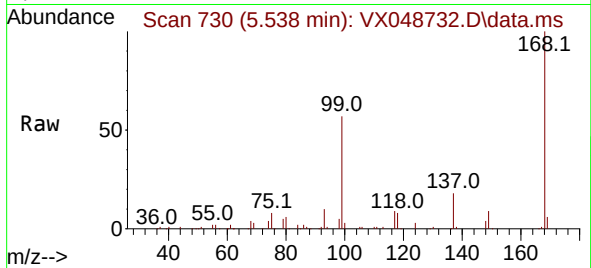




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

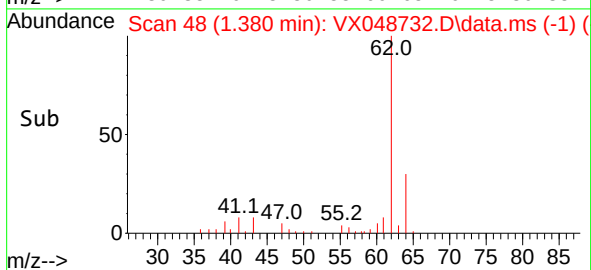
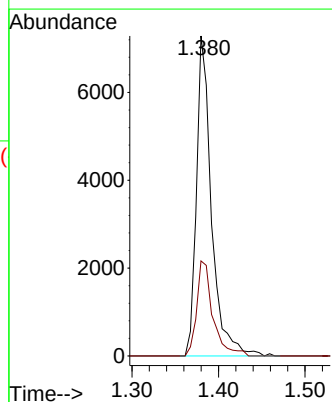
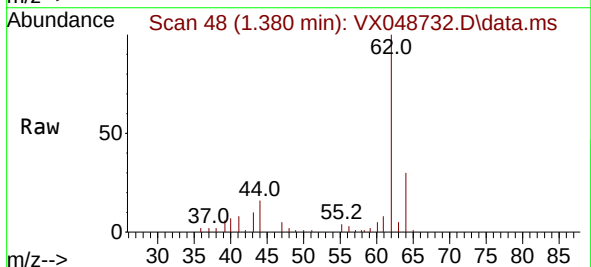
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-120325

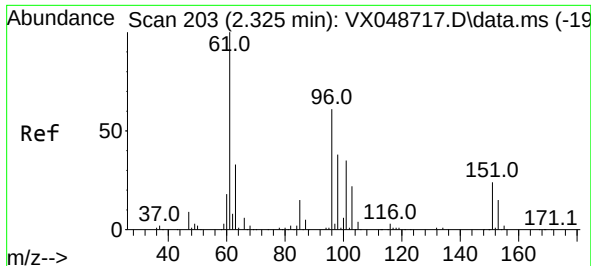
Tgt Ion:168 Resp: 163180
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#4
Vinyl Chloride
Concen: 3.921 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

Tgt Ion: 62 Resp: 8761
Ion Ratio Lower Upper
62 100
64 29.7 26.0 39.0





#12

1,1-Dichloroethene

Concen: 48.143 ug/l

RT: 2.331 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX048732.D

Acq: 05 Dec 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

BR-03D-490-120325

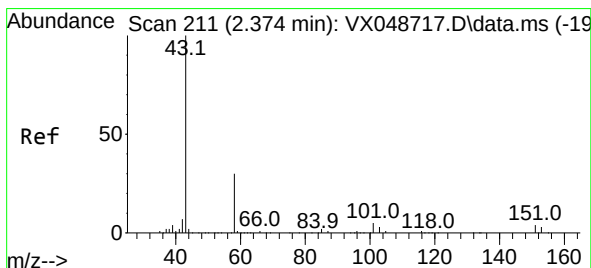
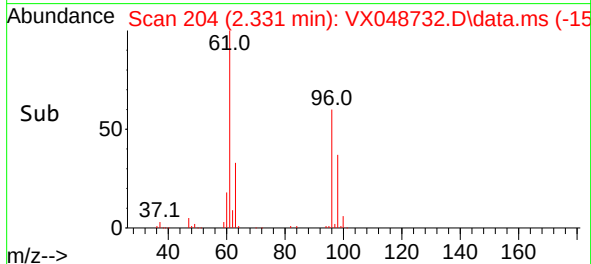
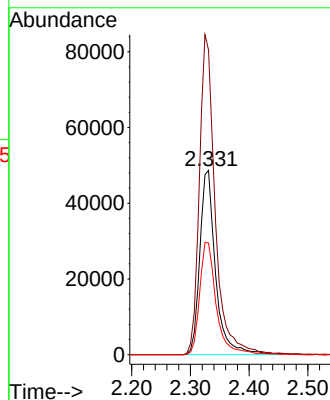
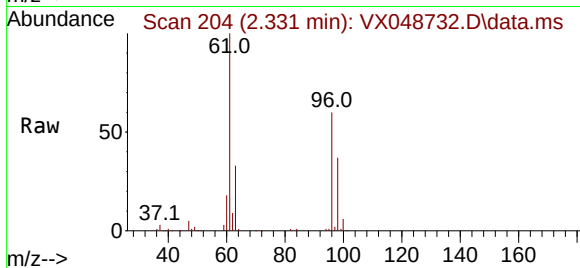
Tgt Ion: 96 Resp: 91225

Ion Ratio Lower Upper

96 100

61 165.4 130.7 196.1

98 60.6 49.8 74.8



#16

Acetone

Concen: 2.848 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX048732.D

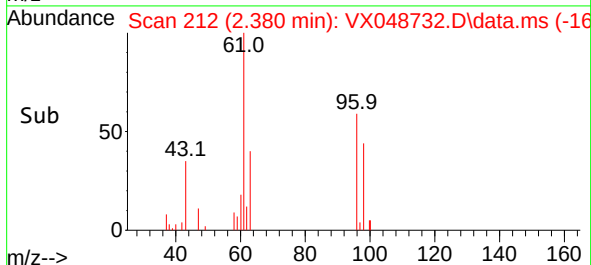
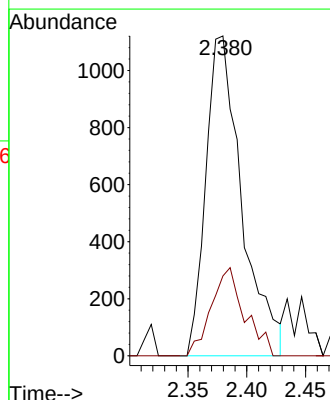
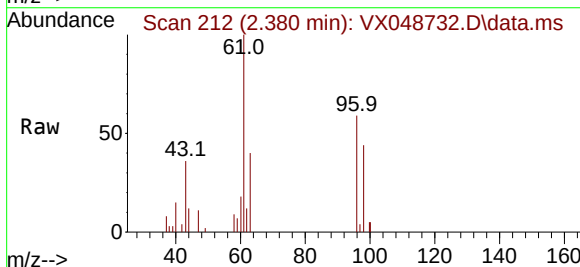
Acq: 05 Dec 2025 13:53

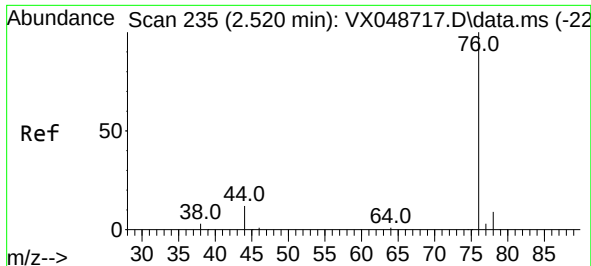
Tgt Ion: 43 Resp: 2388

Ion Ratio Lower Upper

43 100

58 25.0 25.0 37.4

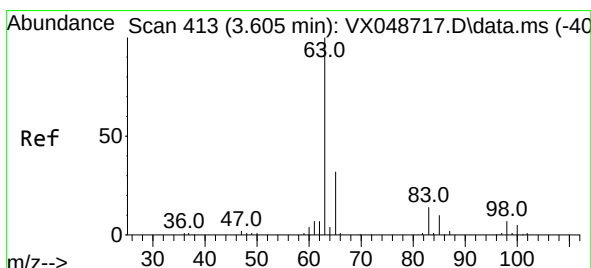
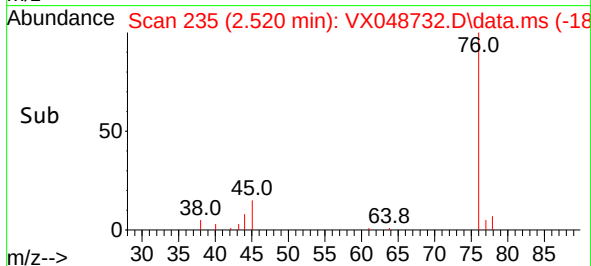
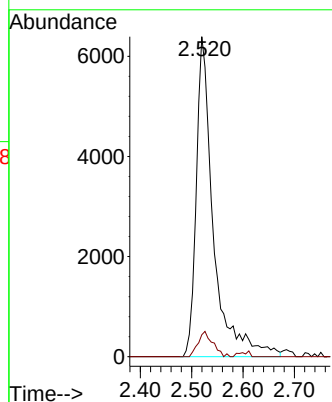
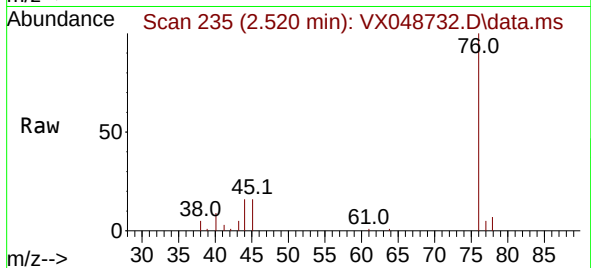




#17
Carbon Disulfide
Concen: 2.690 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

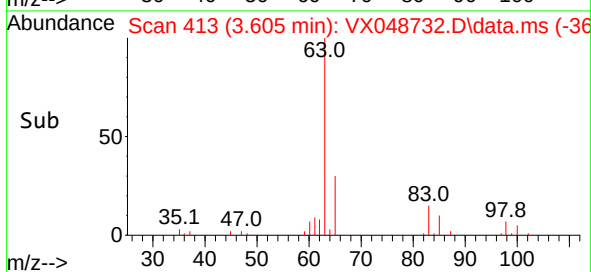
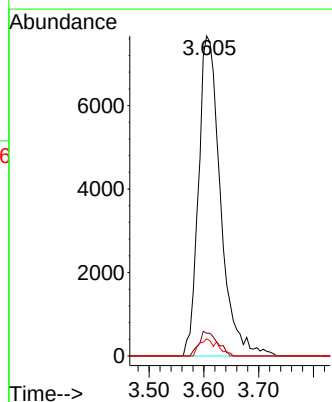
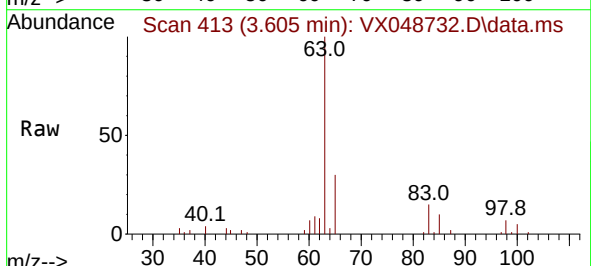
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-120325

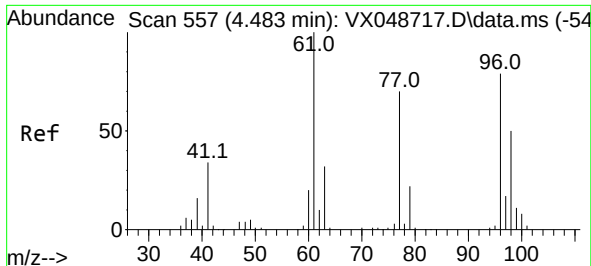
Tgt Ion: 76 Resp: 14803
Ion Ratio Lower Upper
76 100
78 6.8 7.4 11.2#



#24
1,1-Dichloroethane
Concen: 6.432 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

Tgt Ion: 63 Resp: 21327
Ion Ratio Lower Upper
63 100
98 7.1 3.5 10.6
100 5.4 2.5 7.4

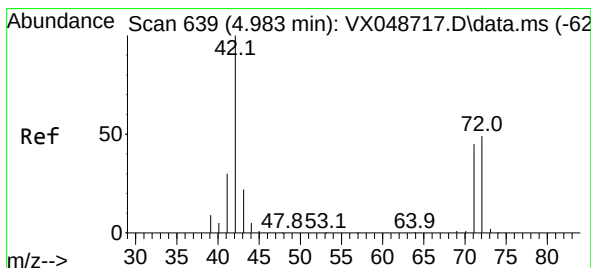
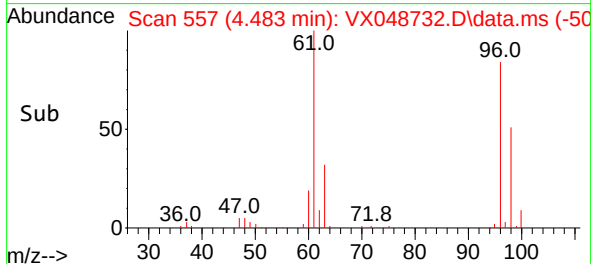
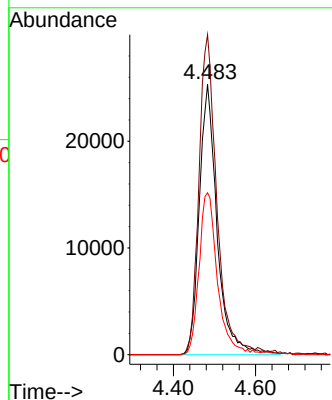
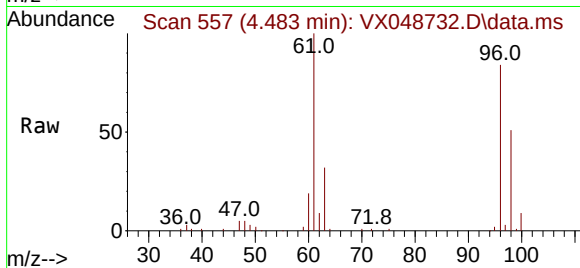




#27
 cis-1,2-Dichloroethene
 Concen: 34.939 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX048732.D
 Acq: 05 Dec 2025 13:53

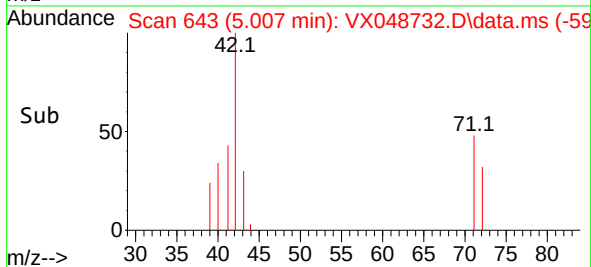
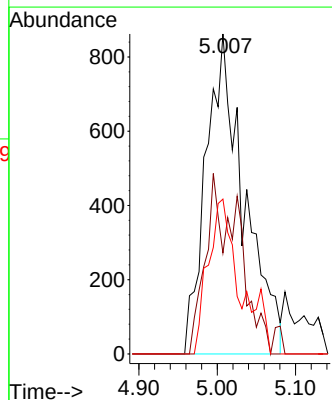
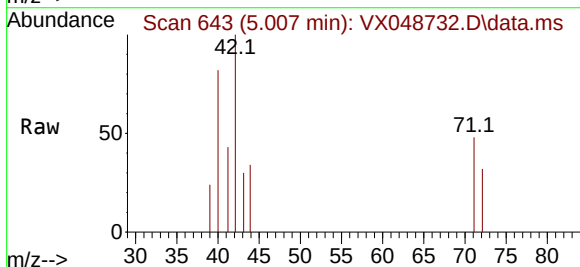
Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03D-490-120325

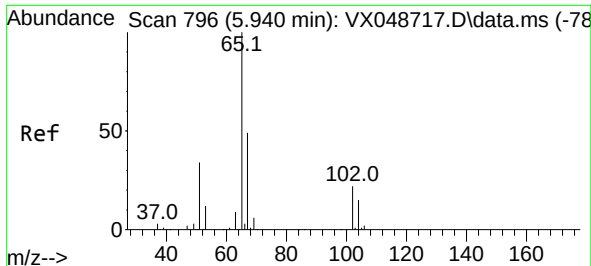
Tgt Ion: 96 Resp: 76248
 Ion Ratio Lower Upper
 96 100
 61 118.2 0.0 271.0
 98 62.0 0.0 130.2



#29
 Tetrahydrofuran
 Concen: 3.085 ug/l
 RT: 5.007 min Scan# 643
 Delta R.T. 0.024 min
 Lab File: VX048732.D
 Acq: 05 Dec 2025 13:53

Tgt Ion: 42 Resp: 2915
 Ion Ratio Lower Upper
 42 100
 72 24.0 39.4 59.2#
 71 40.5 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 55.082 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048732.D

Acq: 05 Dec 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

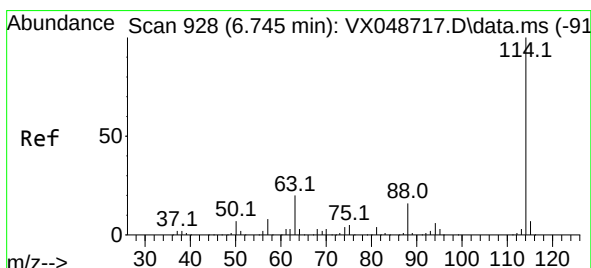
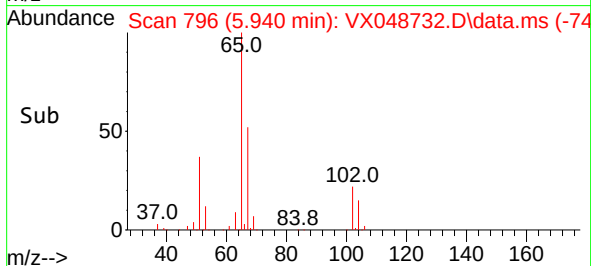
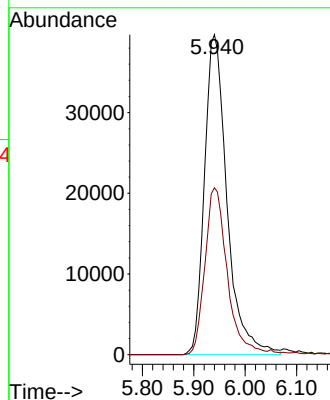
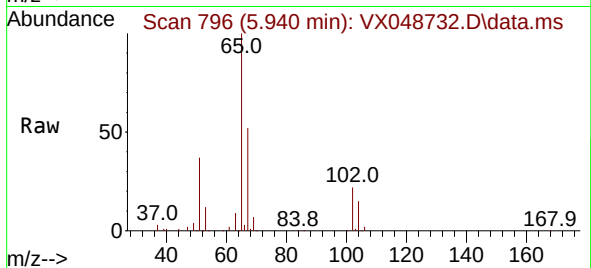
BR-03D-490-120325

Tgt Ion: 65 Resp: 120640

Ion Ratio Lower Upper

65 100

67 51.6 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: VX048732.D

Acq: 05 Dec 2025 13:53

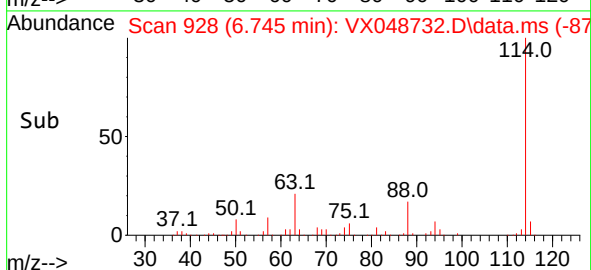
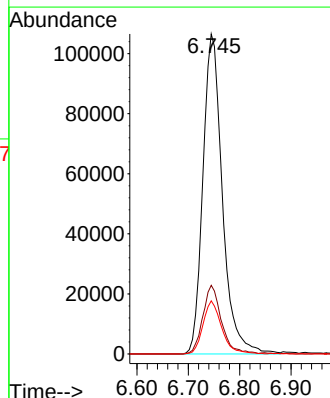
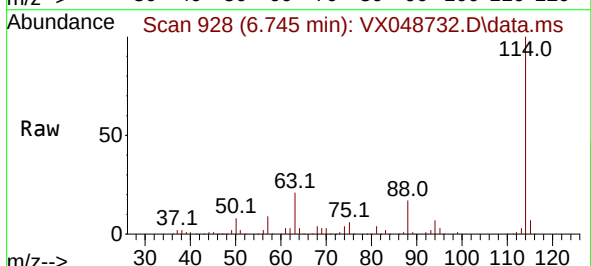
Tgt Ion: 114 Resp: 280929

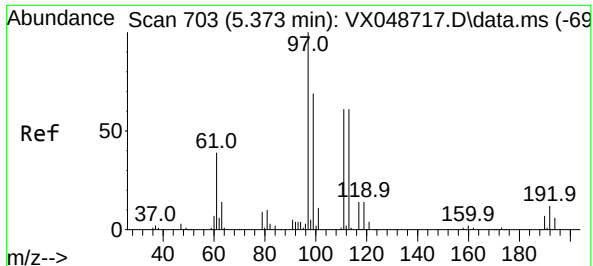
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

88 16.6 0.0 31.8

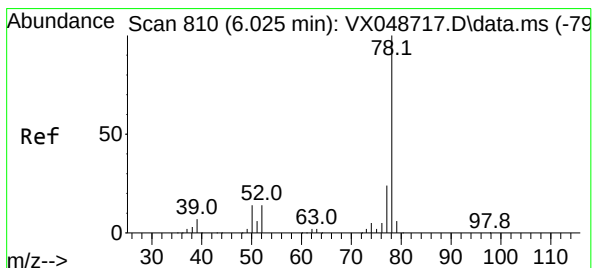
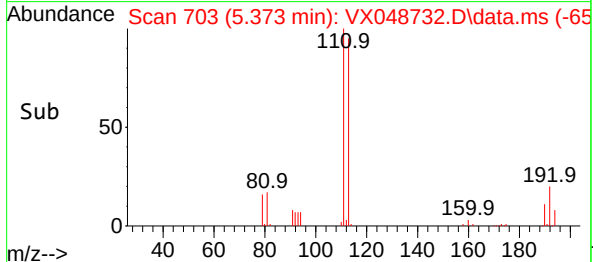
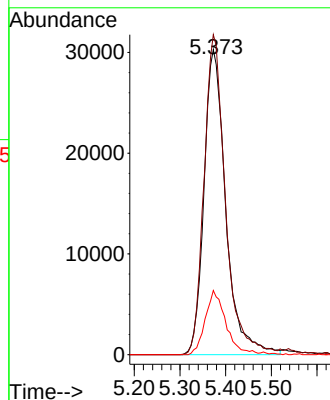
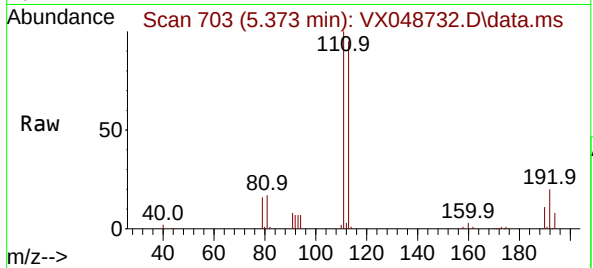




#35
Dibromofluoromethane
Concen: 51.809 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

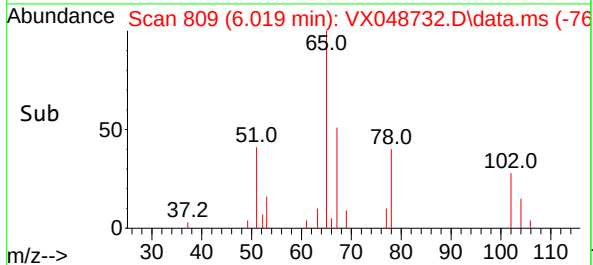
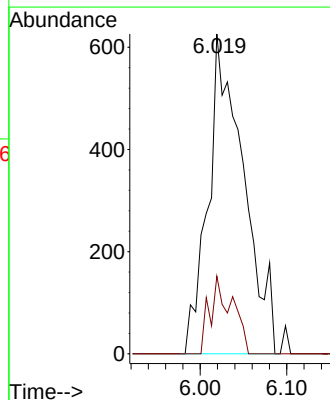
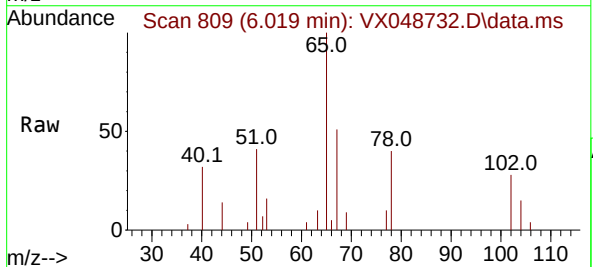
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-120325

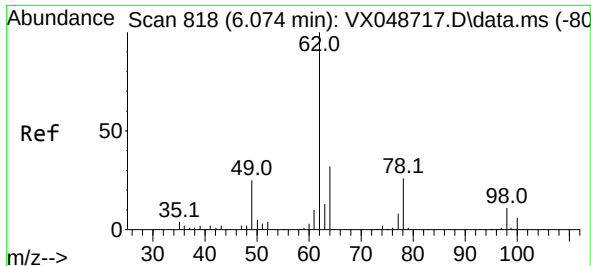
Tgt Ion:113 Resp: 100214
Ion Ratio Lower Upper
113 100
111 102.9 79.5 119.3
192 19.9 16.1 24.1



#40
Benzene
Concen: 0.225 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

Tgt Ion: 78 Resp: 1766
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2





#42

1,2-Dichloroethane

Concen: 3.732 ug/l

RT: 6.080 min Scan# 818

Delta R.T. 0.006 min

Lab File: VX048732.D

Acq: 05 Dec 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

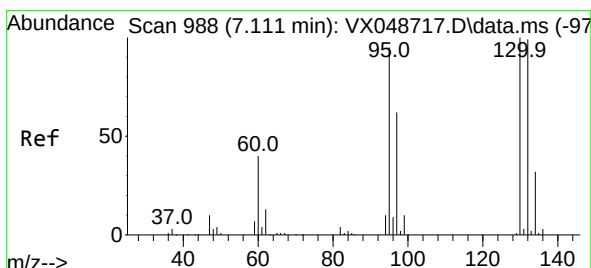
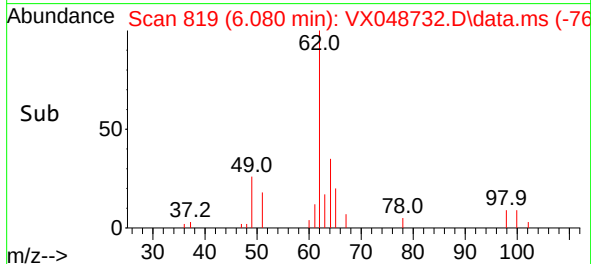
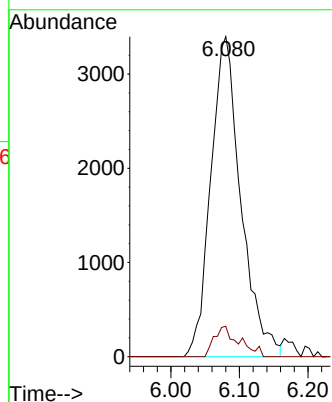
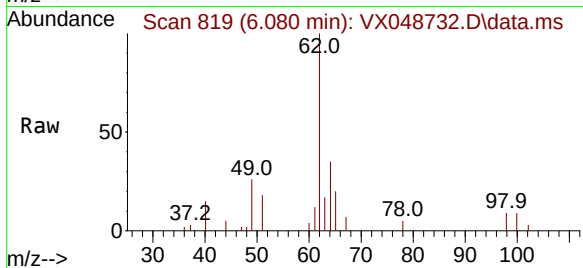
BR-03D-490-120325

Tgt Ion: 62 Resp: 10373

Ion Ratio Lower Upper

62 100

98 7.8 0.0 20.2



#44

Trichloroethene

Concen: 35.143 ug/l

RT: 7.110 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX048732.D

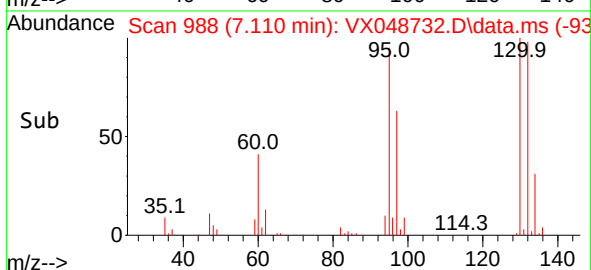
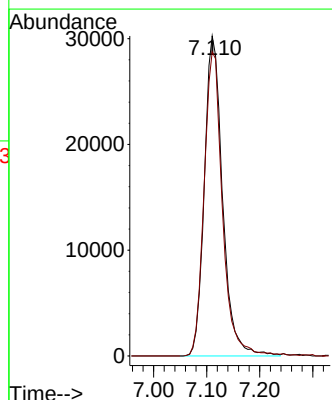
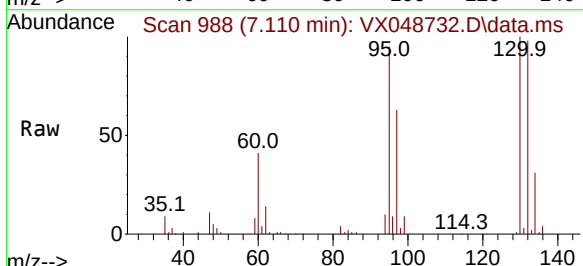
Acq: 05 Dec 2025 13:53

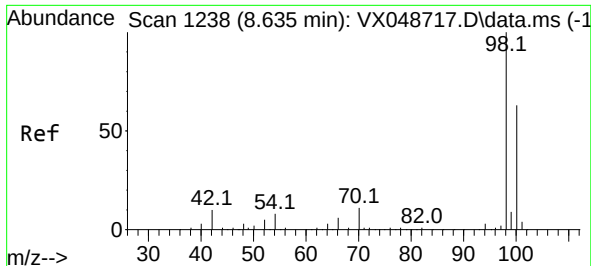
Tgt Ion:130 Resp: 72016

Ion Ratio Lower Upper

130 100

95 95.0 0.0 189.6

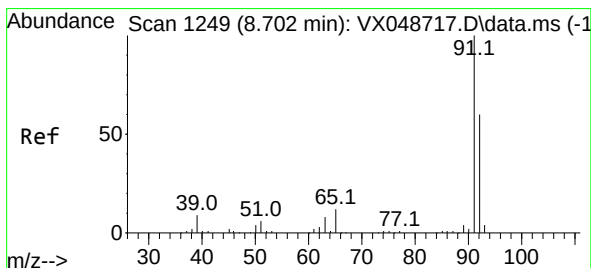
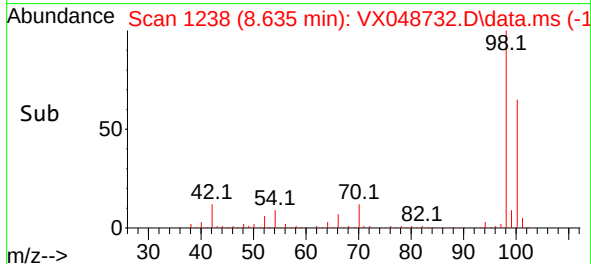
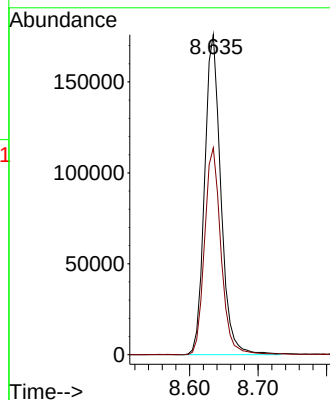
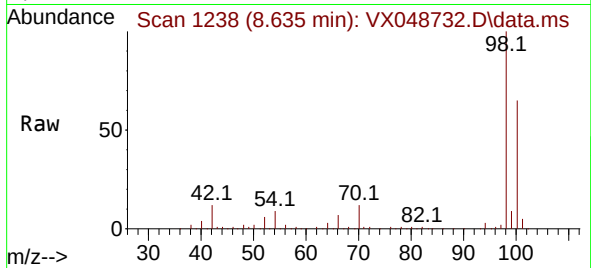




#50
Toluene-d8
Concen: 42.868 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

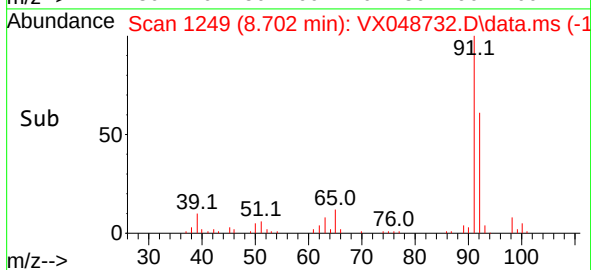
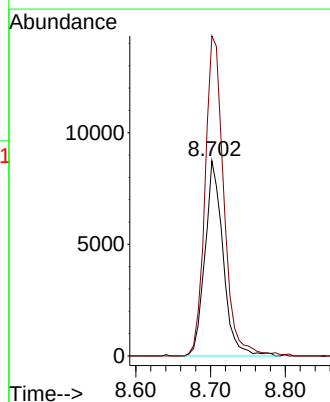
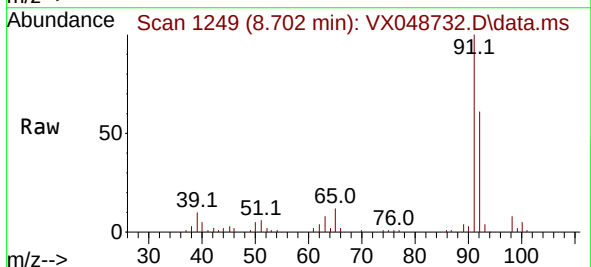
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-120325

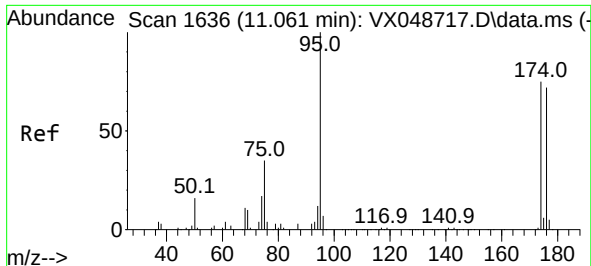
Tgt Ion: 98 Resp: 290658
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0



#52
Toluene
Concen: 3.108 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

Tgt Ion: 92 Resp: 14719
Ion Ratio Lower Upper
92 100
91 169.9 136.3 204.5

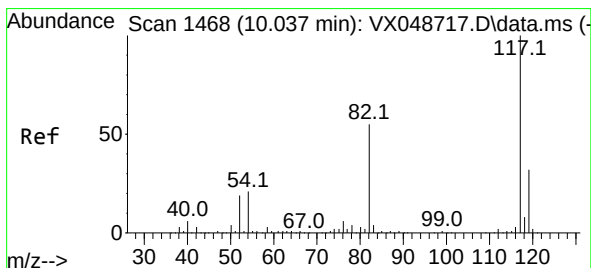
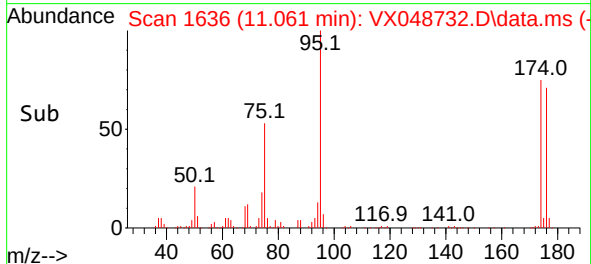
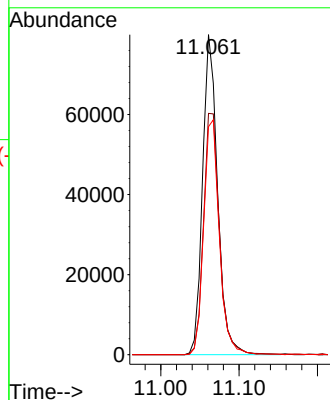
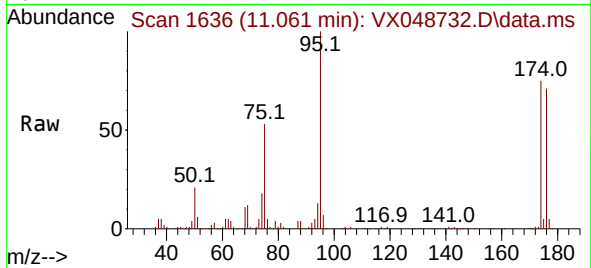




#62
4-Bromofluorobenzene
Concen: 45.533 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

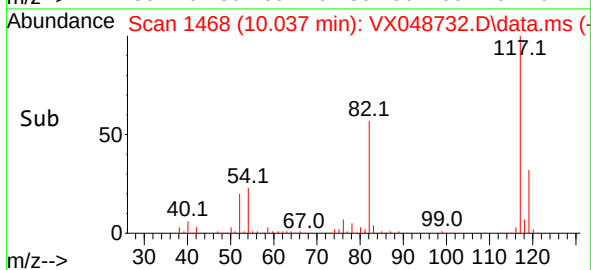
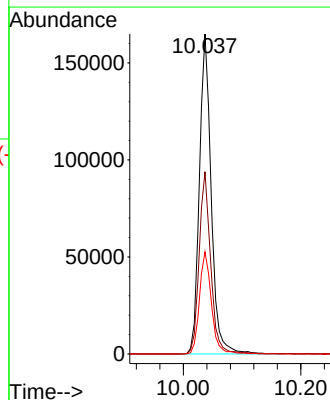
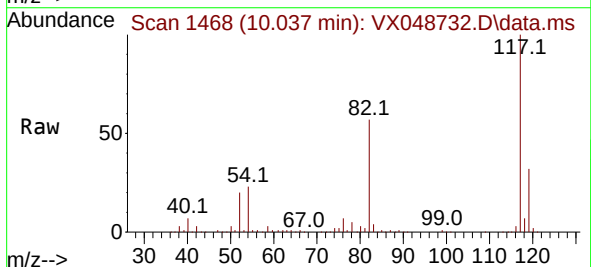
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-120325

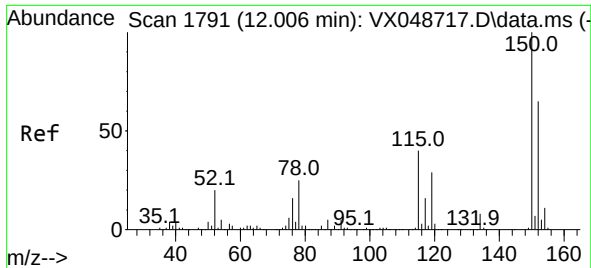
Tgt Ion: 95 Resp: 106460
Ion Ratio Lower Upper
95 100
174 80.3 0.0 157.8
176 76.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048732.D
Acq: 05 Dec 2025 13:53

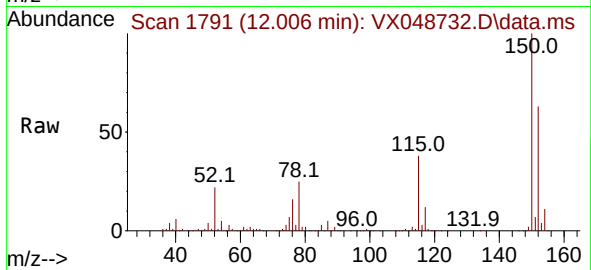
Tgt Ion: 117 Resp: 230844
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048732.D
 Acq: 05 Dec 2025 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03D-490-120325



Tgt Ion:152 Resp: 110489
 Ion Ratio Lower Upper
 152 100
 115 60.4 42.1 126.4
 150 154.7 0.0 347.8

