

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112625\
 Data File : VX048690.D
 Acq On : 26 Nov 2025 13:06
 Operator : JC/MD
 Sample : Q3707-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 V933RE

Quant Time: Nov 27 01:35:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

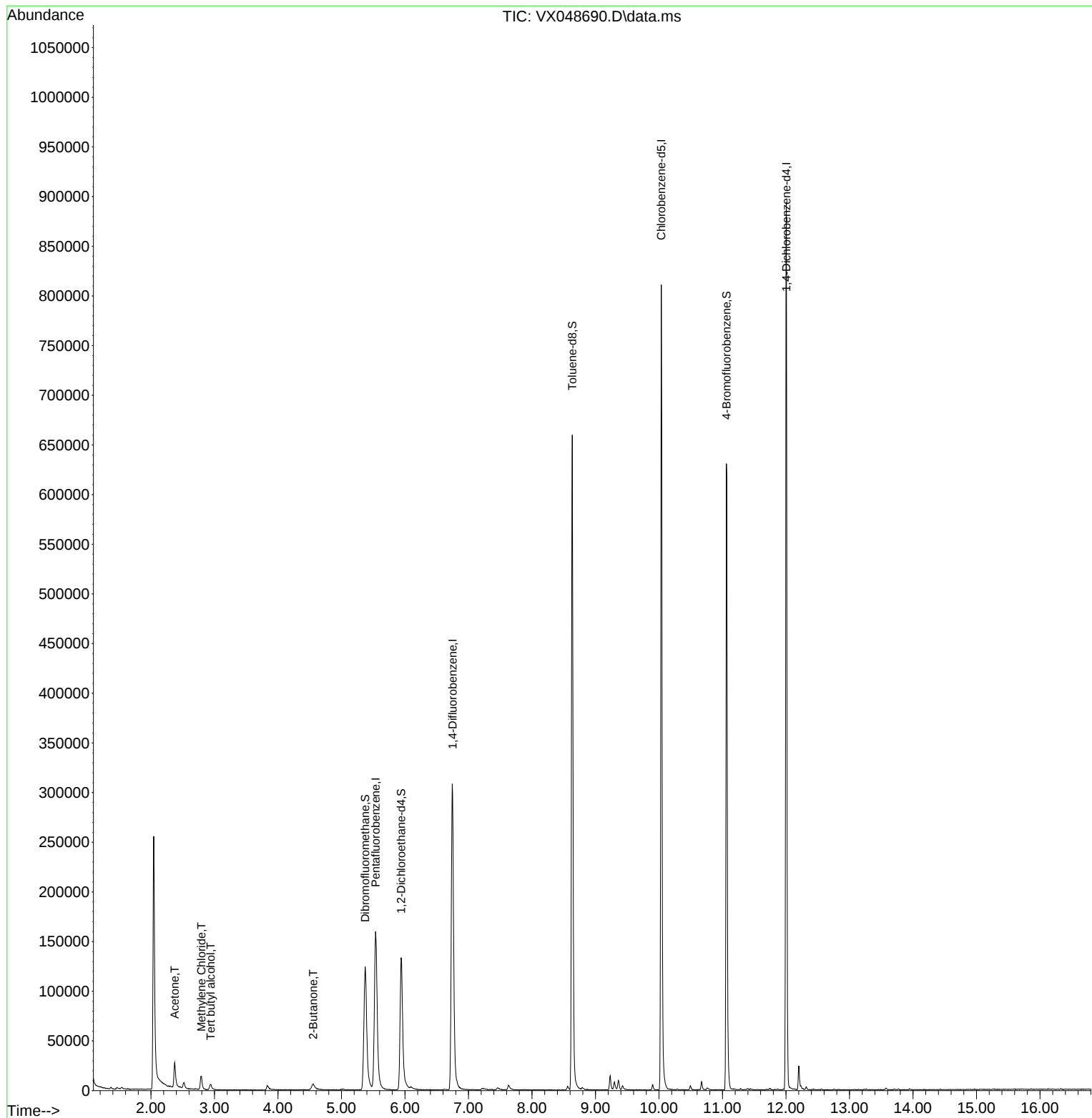
Internal Standards						
1) Pentafluorobenzene	5.538	168	169093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	349970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	384419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	146644	62.238	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.480%#
35) Dibromofluoromethane	5.373	113	123749	46.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.635	98	424602	51.397	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.800%
62) 4-Bromofluorobenzene	11.061	95	183204	59.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.020%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.940	59	7282	16.310	ug/l	97
16) Acetone	2.373	43	32528	29.165	ug/l	98
20) Methylene Chloride	2.794	84	6955	3.033	ug/l	98
25) 2-Butanone	4.556	43	8555	5.185	ug/l	99

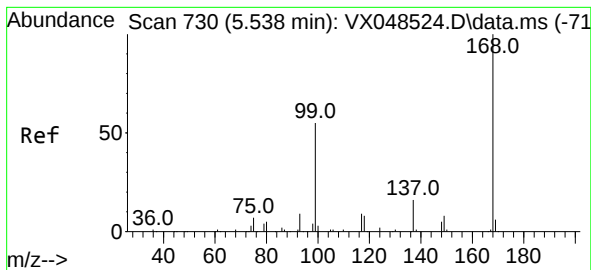
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.000 min

Lab File: VX048690.D

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Instrument :

MSVOA_X

ClientSampleId :

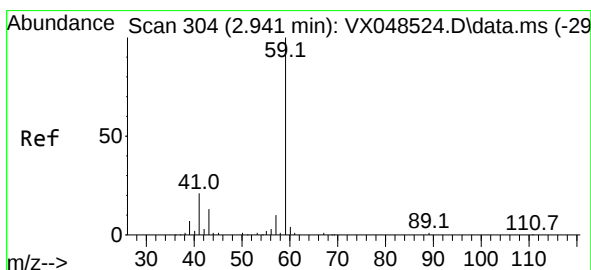
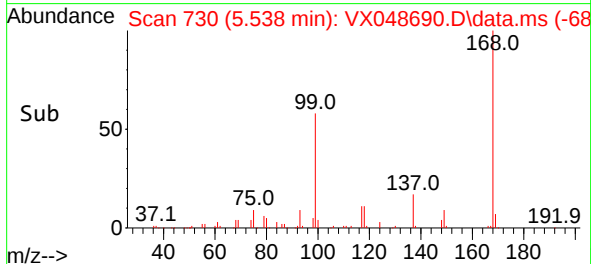
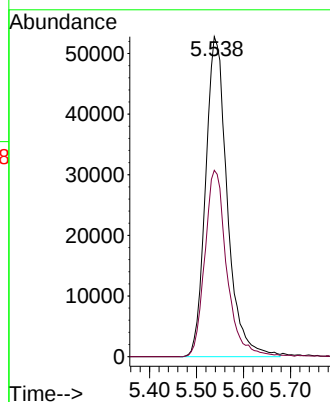
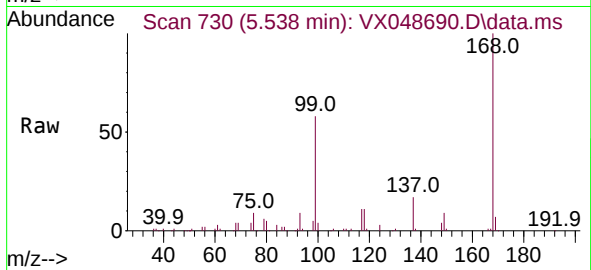
V933RE

Tgt Ion:168 Resp: 169093

Ion Ratio Lower Upper

168 100

99 58.3 45.2 67.8



#11

Tert butyl alcohol

Concen: 16.310 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.000 min

Lab File: VX048690.D

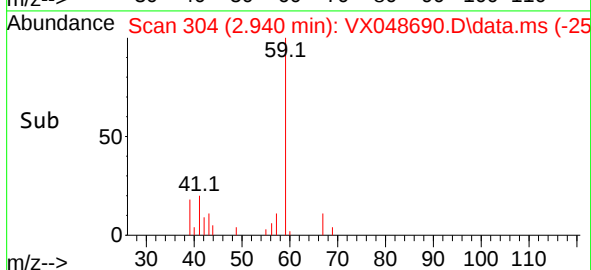
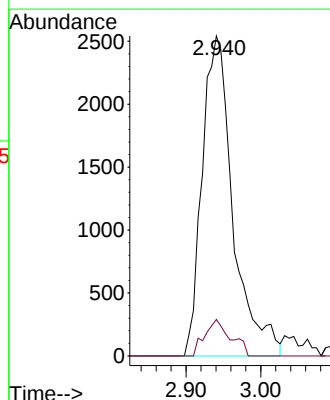
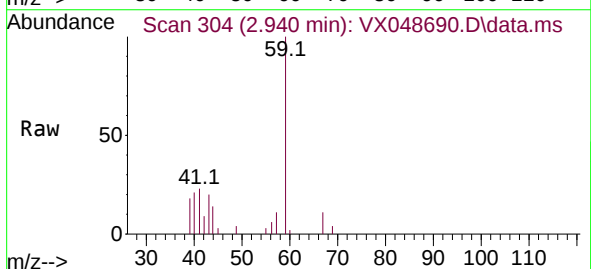
Acq: 26 Nov 2025 13:06

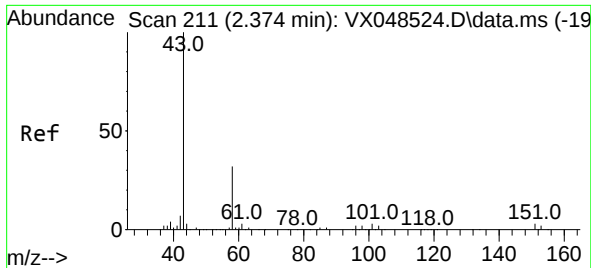
Tgt Ion: 59 Resp: 7282

Ion Ratio Lower Upper

59 100

57 9.6 8.6 13.0

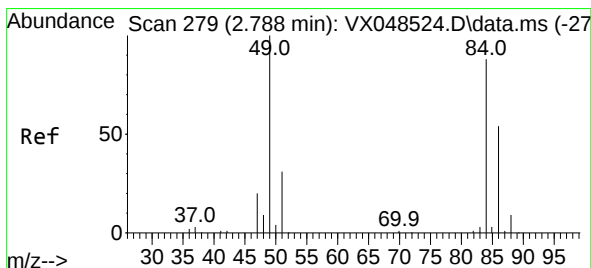
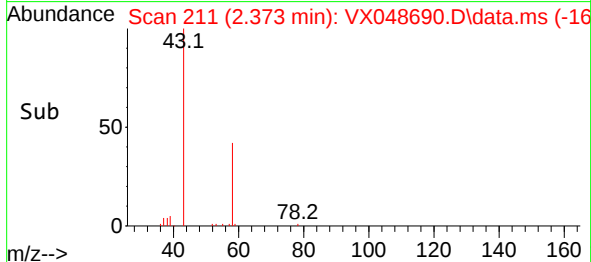
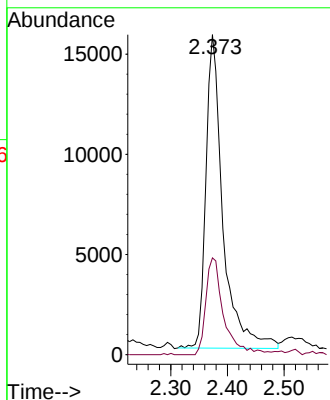
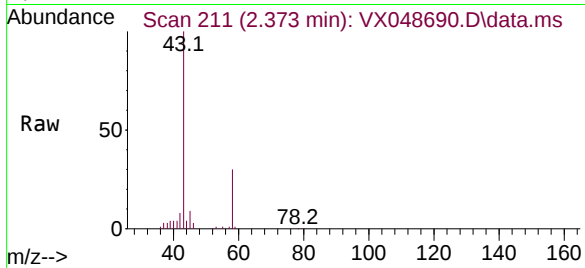




#16
Acetone
Concen: 29.165 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

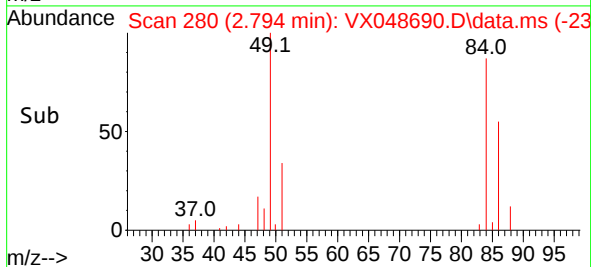
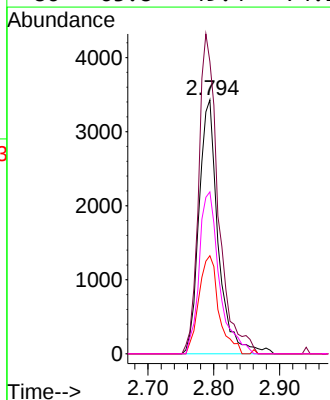
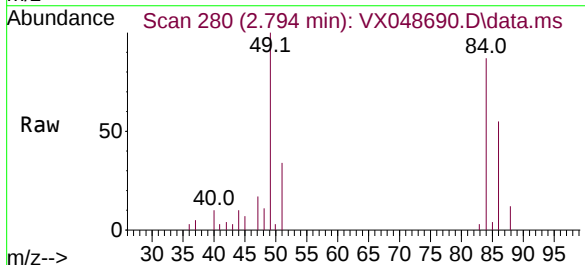
Instrument :
MSVOA_X
ClientSampleId :
V933RE

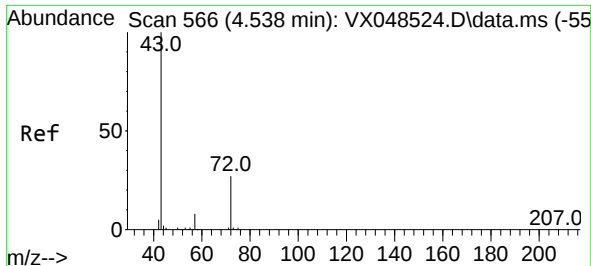
Tgt Ion: 43 Resp: 32528
Ion Ratio Lower Upper
43 100
58 30.8 25.8 38.6



#20
Methylene Chloride
Concen: 3.033 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

Tgt Ion: 84 Resp: 6955
Ion Ratio Lower Upper
84 100
49 115.0 91.2 136.8
51 38.7 28.3 42.5
86 63.8 49.4 74.2

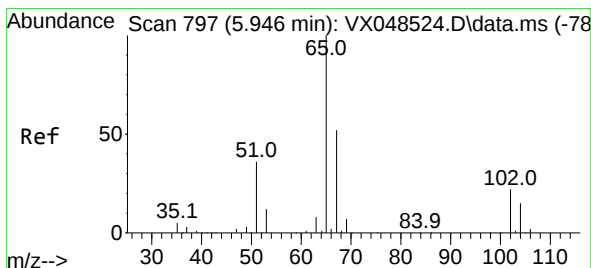
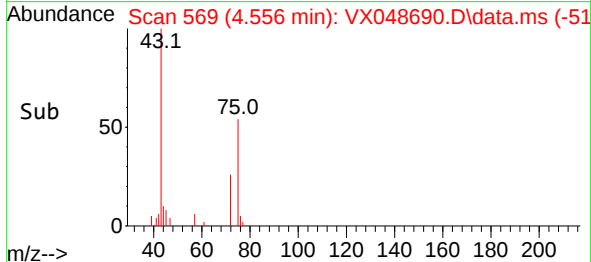
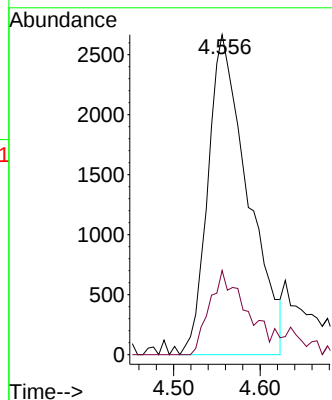
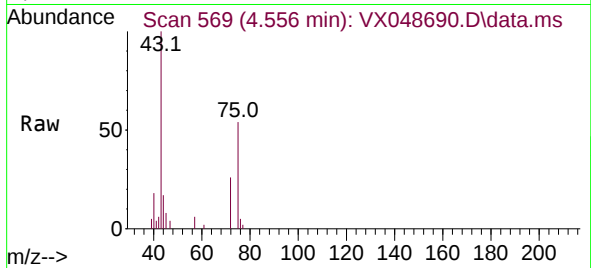




#25
2-Butanone
Concen: 5.185 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

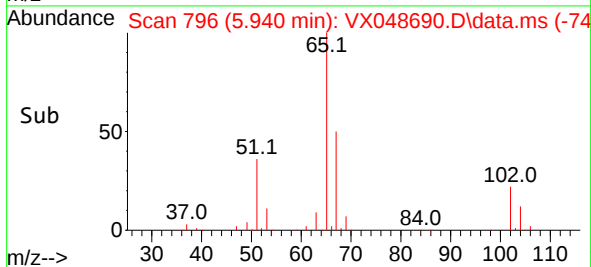
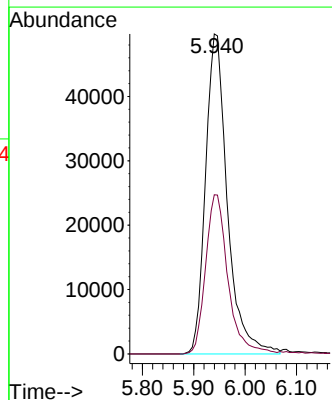
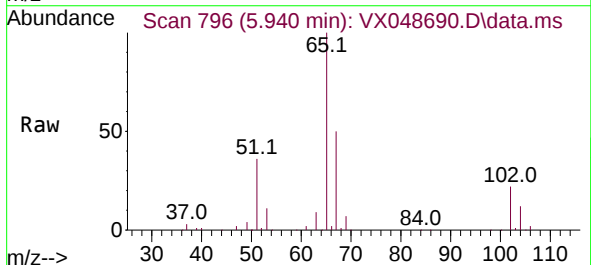
Instrument :
MSVOA_X
ClientSampleId :
V933RE

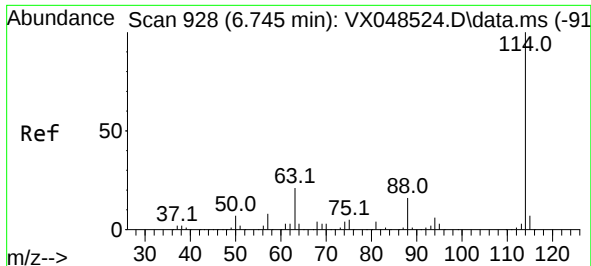
Tgt Ion: 43 Resp: 8555
Ion Ratio Lower Upper
43 100
72 26.3 21.5 32.3



#33
1,2-Dichloroethane-d4
Concen: 62.238 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

Tgt Ion: 65 Resp: 146644
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2

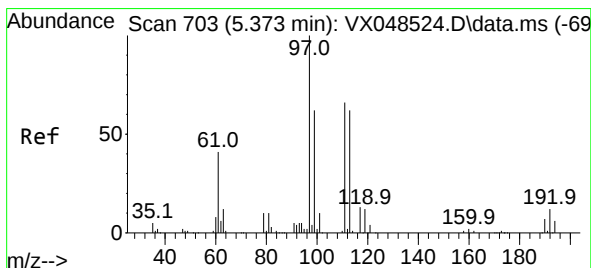
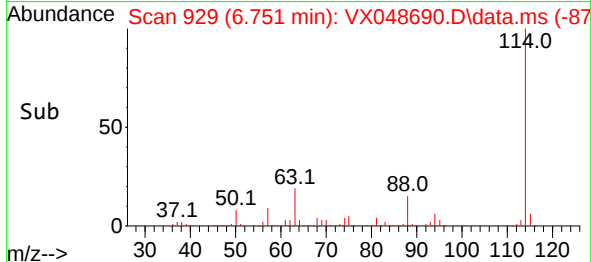
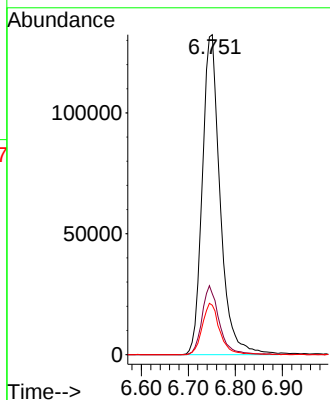
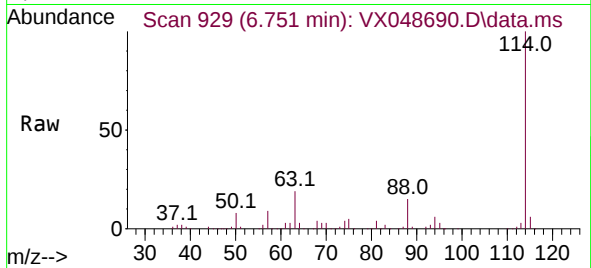




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

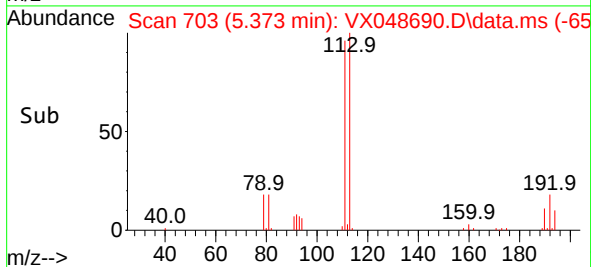
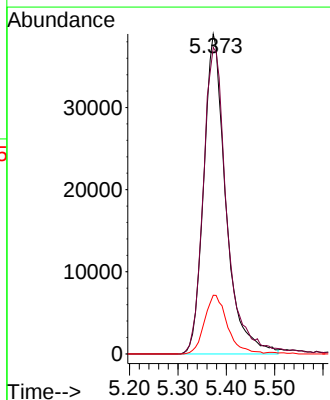
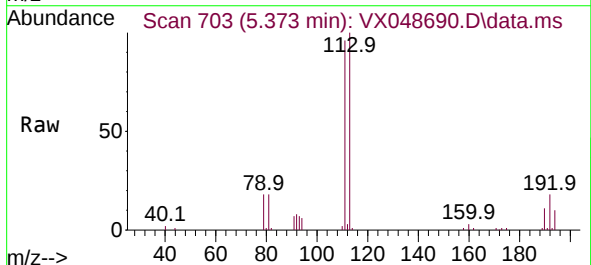
Instrument :
MSVOA_X
ClientSampleId :
V933RE

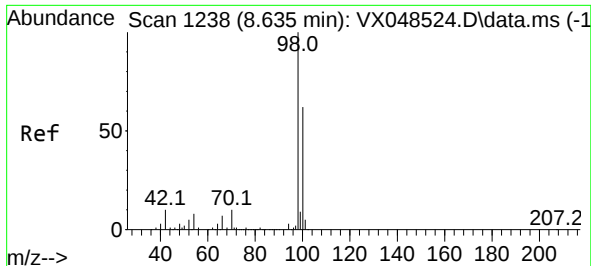
Tgt Ion:114 Resp: 349970
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.2
88 15.4 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.719 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

Tgt Ion:113 Resp: 123749
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.0 15.8 23.6

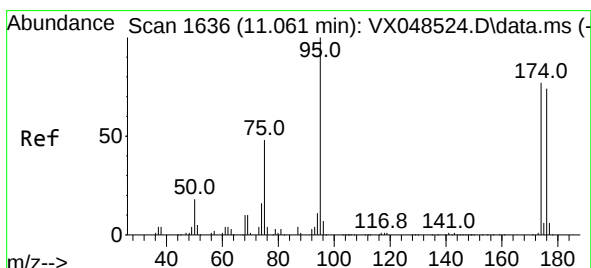
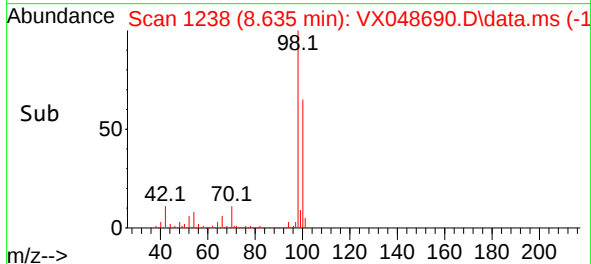
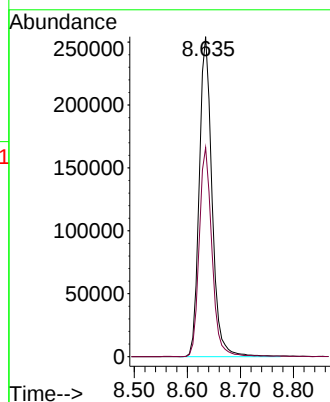
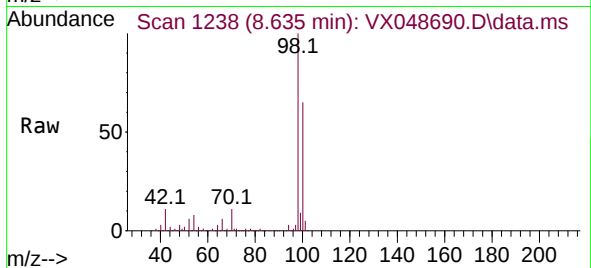




#50
Toluene-d8
Concen: 51.397 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

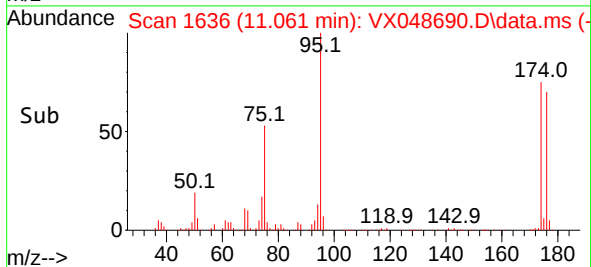
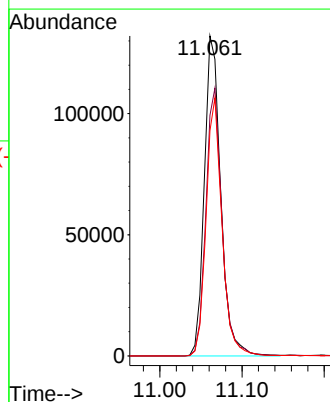
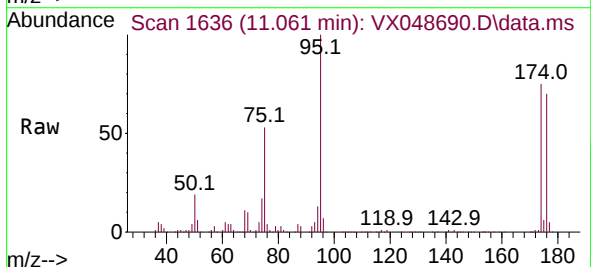
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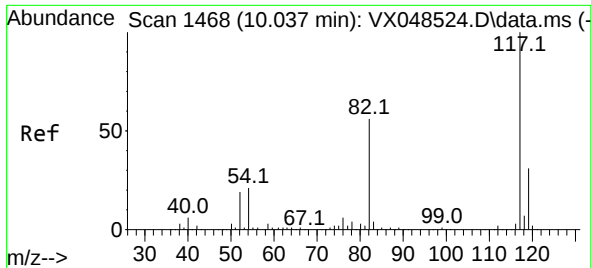
Tgt Ion: 98 Resp: 424602
Ion Ratio Lower Upper
98 100
100 65.3 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 59.508 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

Tgt Ion: 95 Resp: 183204
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.8
176 78.1 0.0 153.6

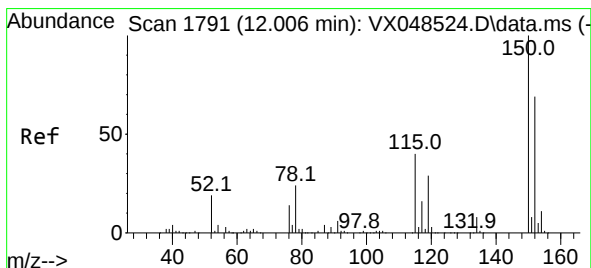
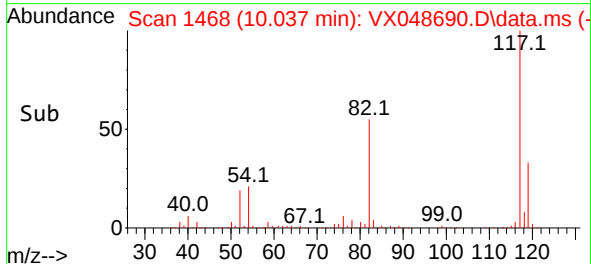
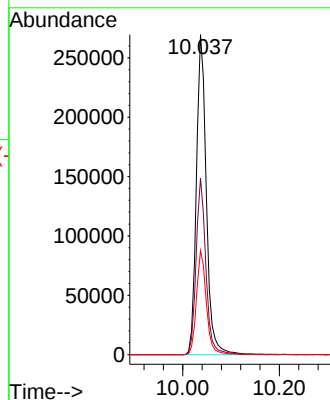
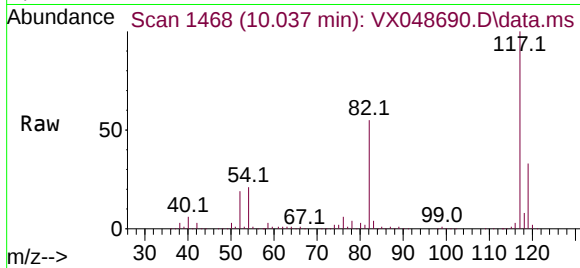




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 384419
Ion Ratio Lower Upper
117 100
82 55.2 44.4 66.6
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048690.D
Acq: 26 Nov 2025 13:06

Tgt Ion:152 Resp: 201258
Ion Ratio Lower Upper
152 100
115 59.1 39.2 117.6
150 158.1 0.0 347.0

