

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048812.D
 Acq On : 10 Dec 2025 15:32
 Operator : JC/MD
 Sample : Q3787-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-02B-21.2-120425

Quant Time: Dec 11 00:24:39 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)

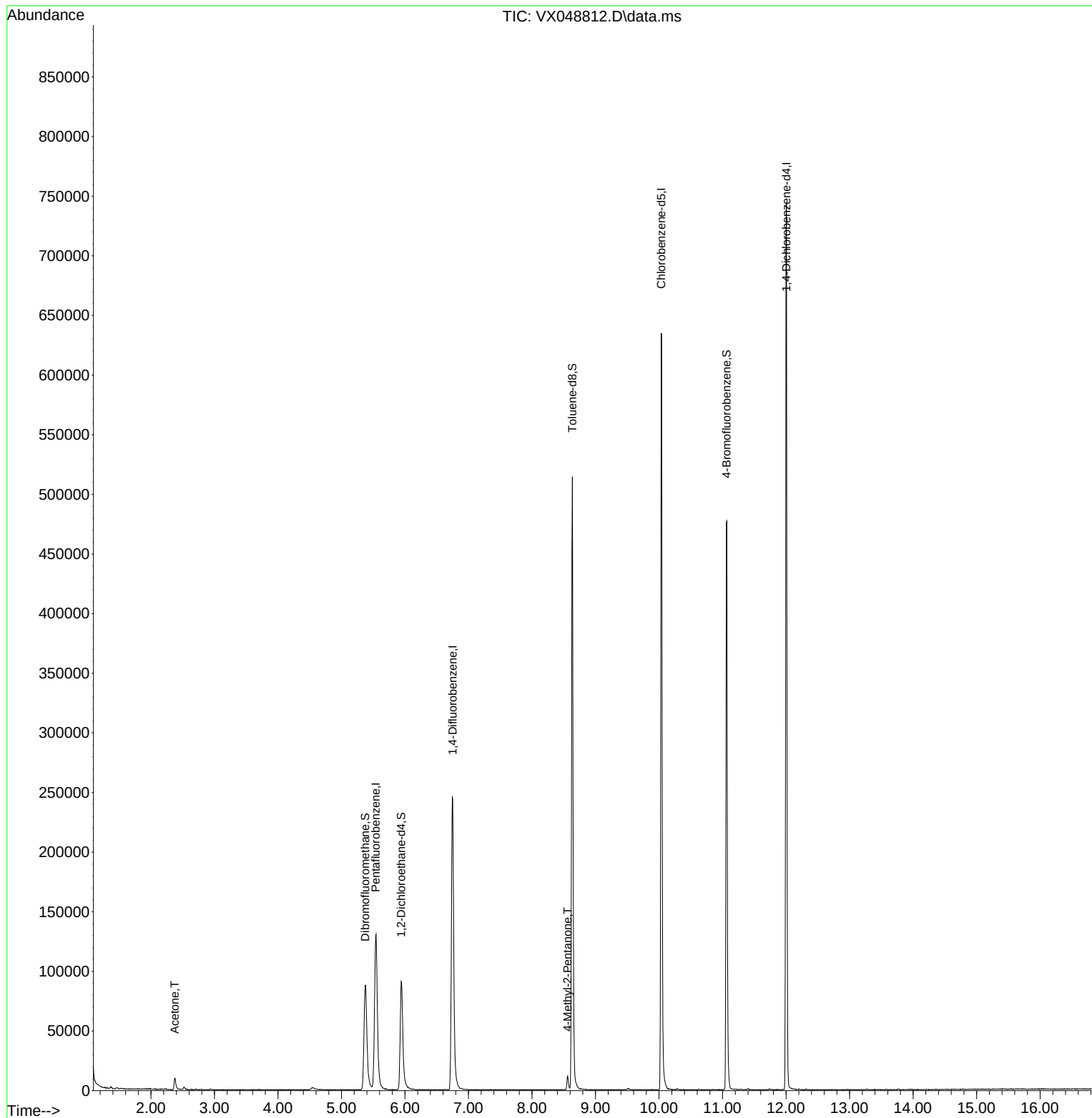
Internal Standards						
1) Pentafluorobenzene	5.538	168	138008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	284336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	306079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	165546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99469	53.700	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.400%
35) Dibromofluoromethane	5.373	113	92123	47.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.635	98	321012	46.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.560%
62) 4-Bromofluorobenzene	11.061	95	143570	60.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.340%
Target Compounds						
16) Acetone	2.374	43	13881	19.575	ug/l	95
51) 4-Methyl-2-Pentanone	8.562	43	8113	2.694	ug/l	95

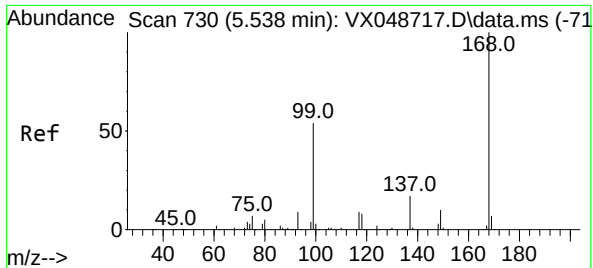
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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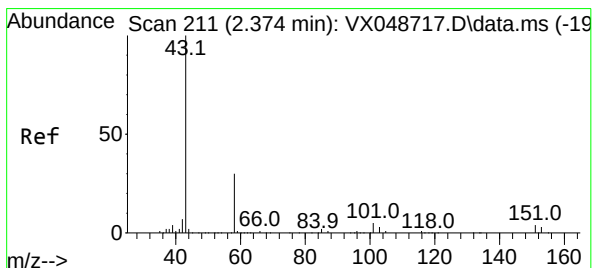
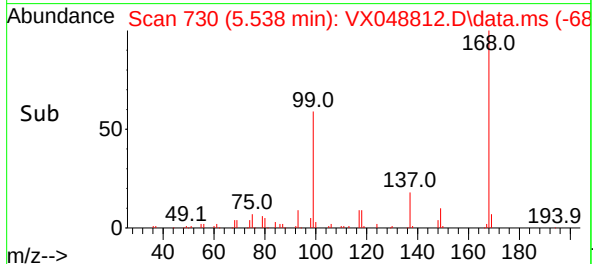
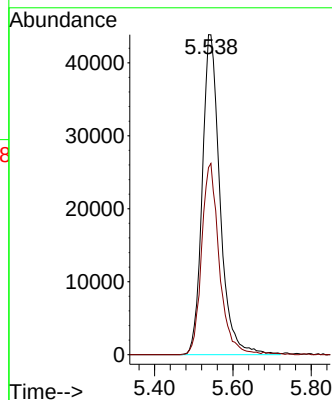
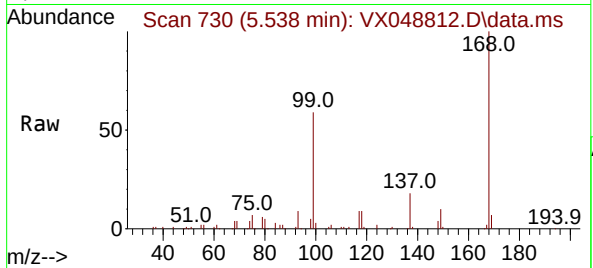




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

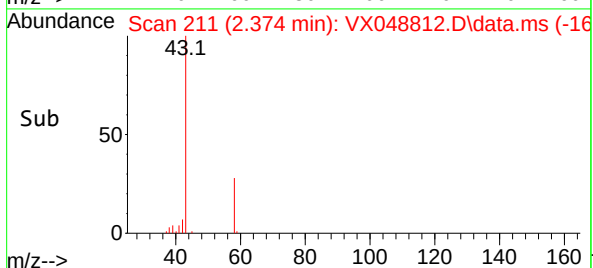
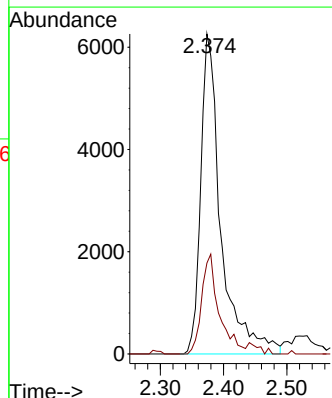
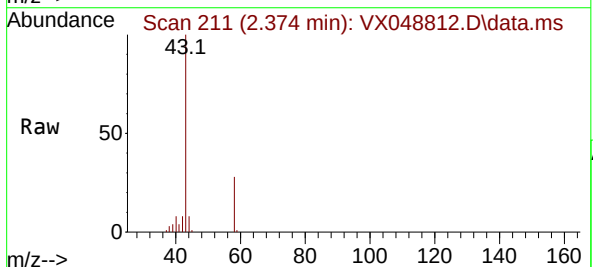
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-21.2-120425

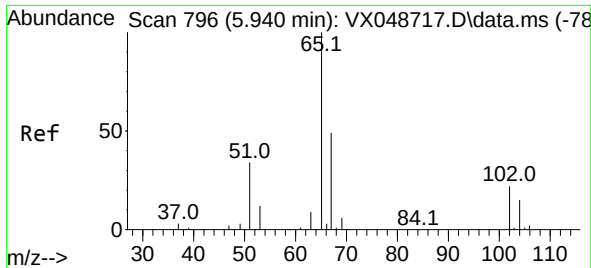
Tgt Ion:168 Resp: 138008
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#16
Acetone
Concen: 19.575 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

Tgt Ion: 43 Resp: 13881
Ion Ratio Lower Upper
43 100
58 28.4 25.0 37.4

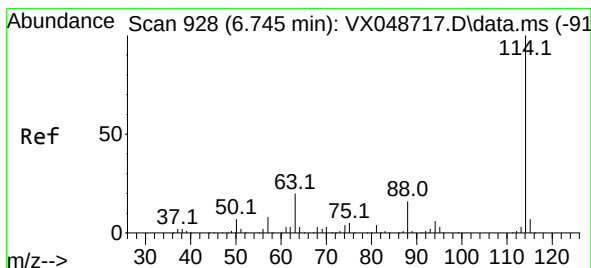
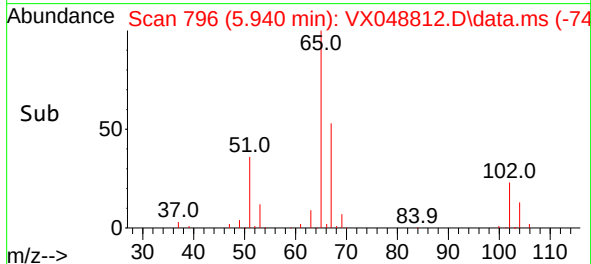
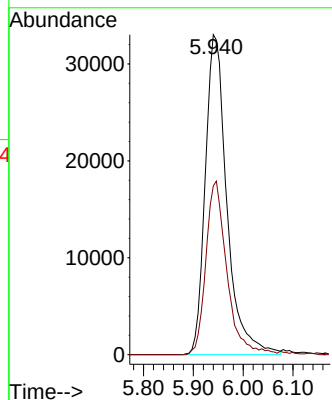
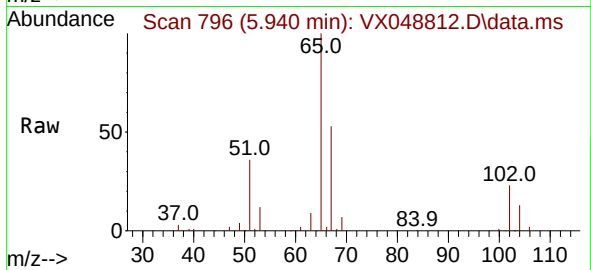




#33
 1,2-Dichloroethane-d4
 Concen: 53.700 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048812.D
 Acq: 10 Dec 2025 15:32

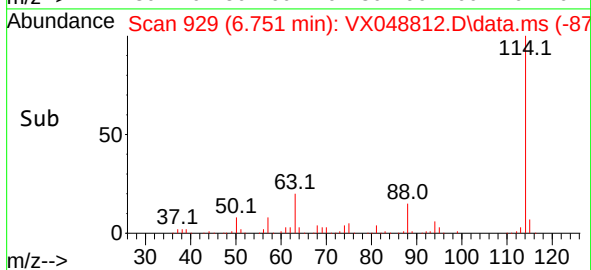
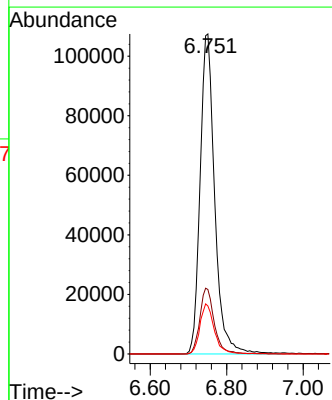
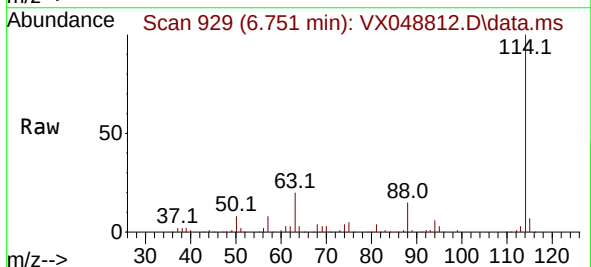
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-02B-21.2-120425

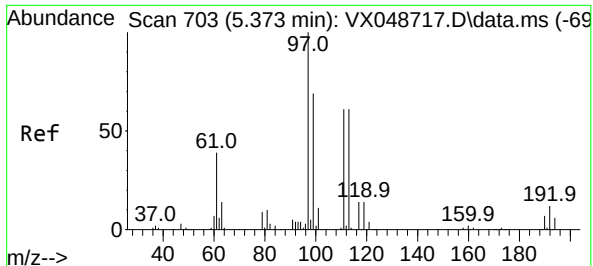
Tgt Ion: 65 Resp: 99469
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048812.D
 Acq: 10 Dec 2025 15:32

Tgt Ion: 114 Resp: 284336
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.0 0.0 31.8

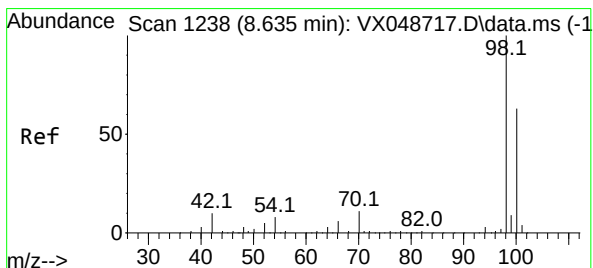
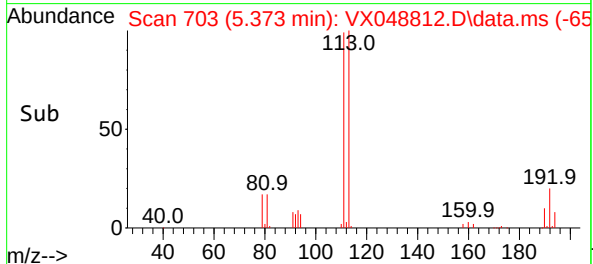
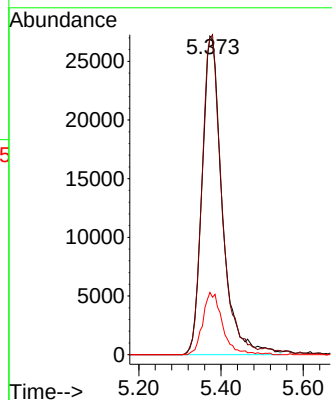
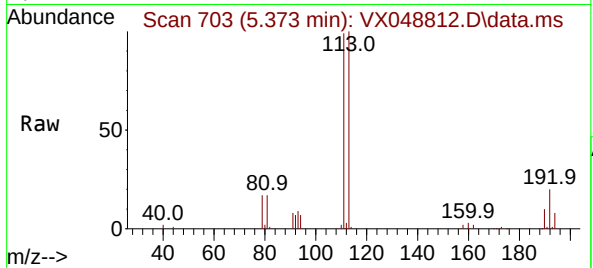




#35
Dibromofluoromethane
Concen: 47.055 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

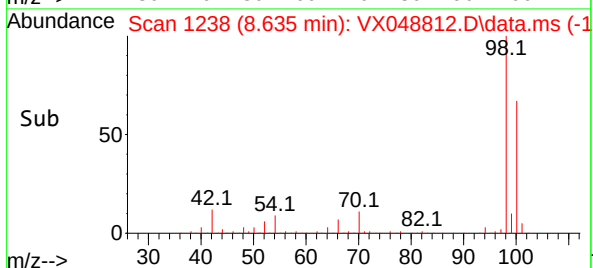
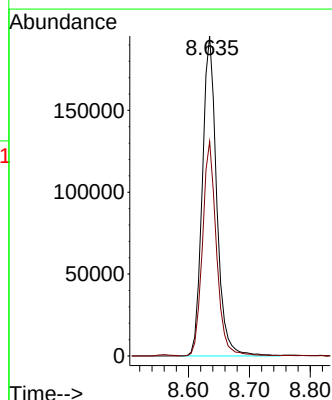
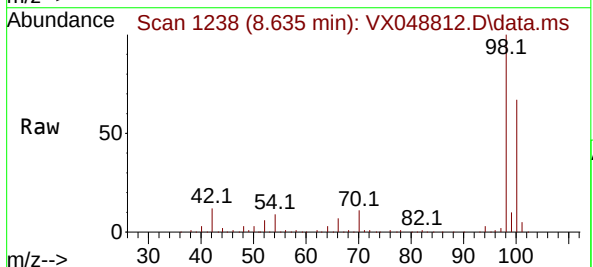
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-21.2-120425

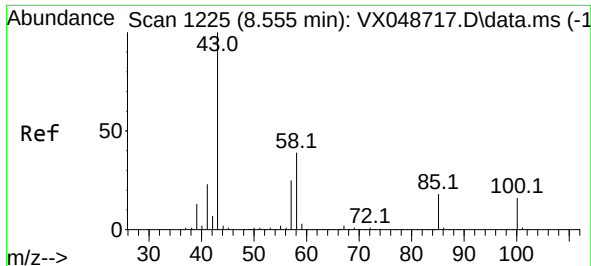
Tgt Ion:113 Resp: 92123
Ion Ratio Lower Upper
113 100
111 98.3 79.5 119.3
192 19.1 16.1 24.1



#50
Toluene-d8
Concen: 46.777 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

Tgt Ion: 98 Resp: 321012
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0

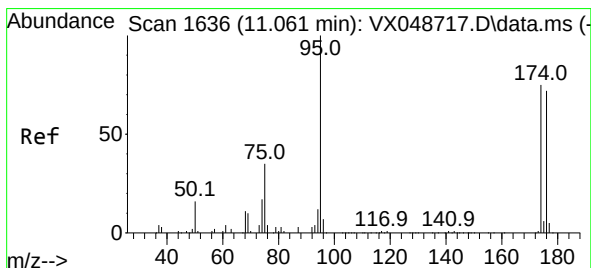
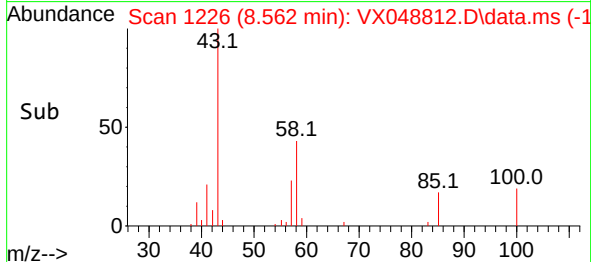
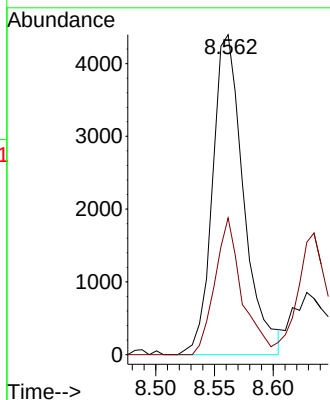
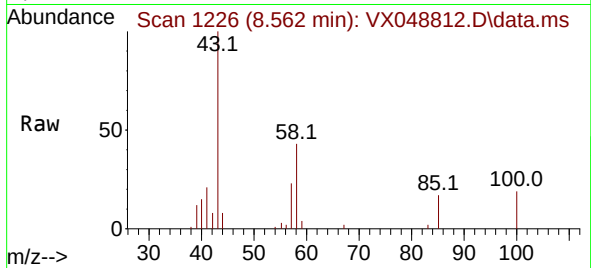




#51
4-Methyl-2-Pentanone
Concen: 2.694 ug/l
RT: 8.562 min Scan# 1113
Delta R.T. 0.006 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

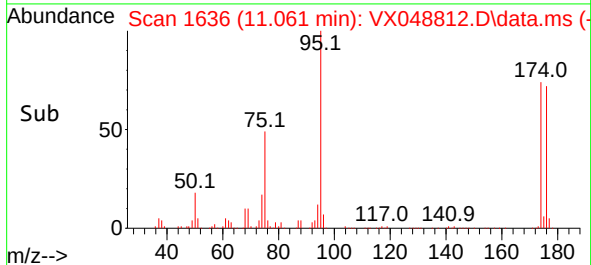
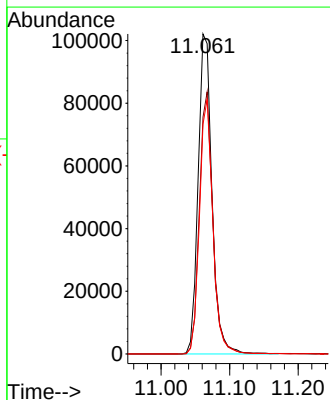
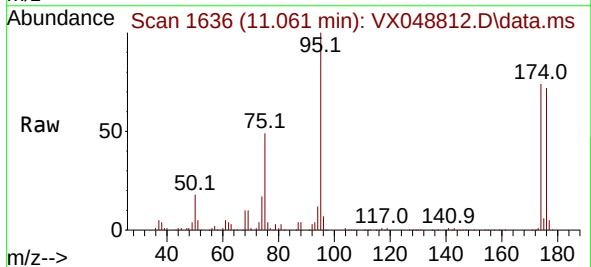
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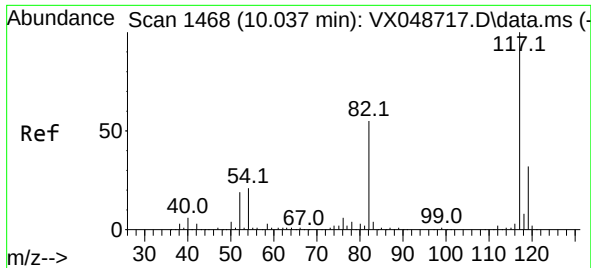
Tgt Ion: 43 Resp: 8113
Ion Ratio Lower Upper
43 100
58 37.2 32.2 48.4



#62
4-Bromofluorobenzene
Concen: 60.669 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

Tgt Ion: 95 Resp: 143570
Ion Ratio Lower Upper
95 100
174 80.1 0.0 157.8
176 77.2 0.0 154.0

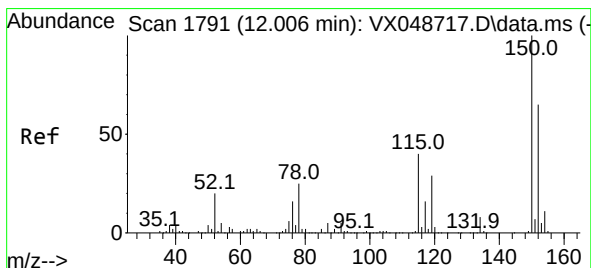
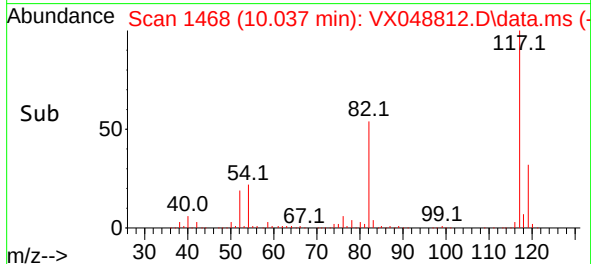
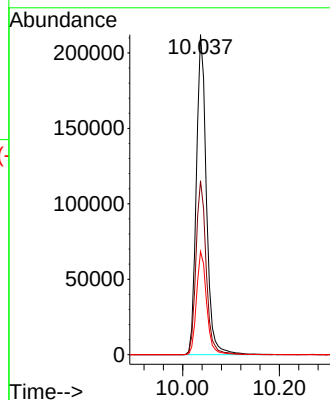
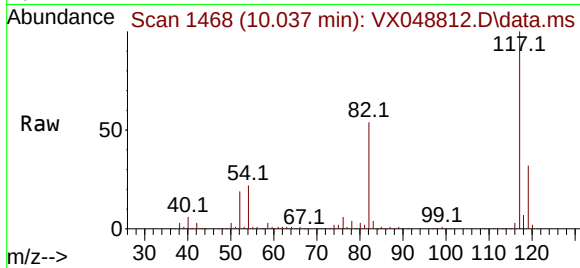




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
OW-02B-21.2-120425

Tgt Ion:117 Resp: 306079
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.2 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: VX048812.D
Acq: 10 Dec 2025 15:32

Tgt Ion:152 Resp: 165546
Ion Ratio Lower Upper
152 100
115 58.5 42.1 126.4
150 154.2 0.0 347.8

