

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048819.D
 Acq On : 10 Dec 2025 17:56
 Operator : JC/MD
 Sample : PB170875TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170875TB

Quant Time: Dec 11 00:27:47 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)

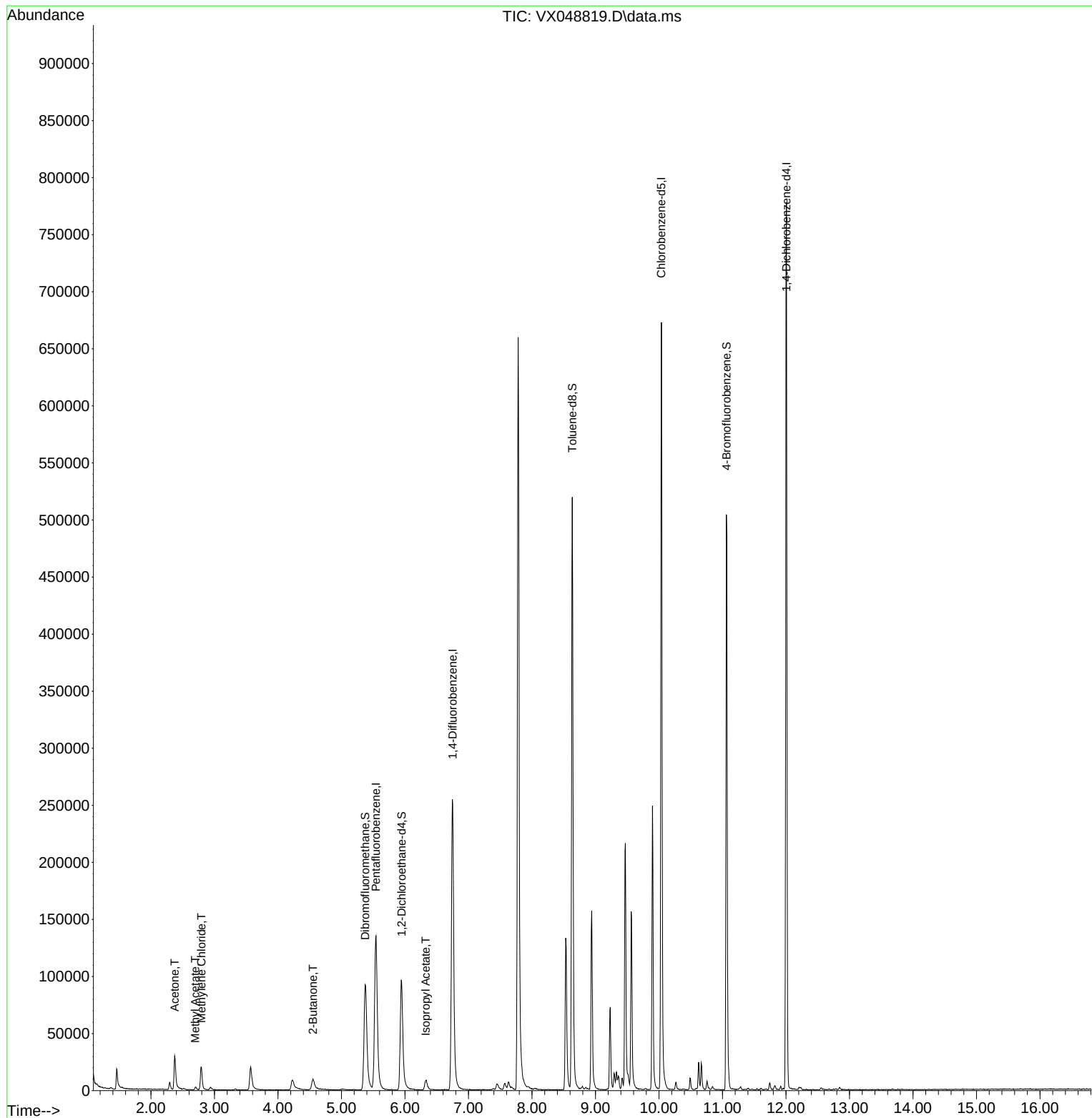
Internal Standards						
1) Pentafluorobenzene	5.544	168	140982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	292051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	311757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105140	55.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.120%			
35) Dibromofluoromethane	5.373	113	94818	47.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.300%			
50) Toluene-d8	8.635	98	328636	46.623	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.240%			
62) 4-Bromofluorobenzene	11.061	95	143972	59.232	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.460%			
Target Compounds					Qvalue	
16) Acetone	2.374	43	40270	55.592	ug/l	97
18) Methyl Acetate	2.697	43	3783	1.856	ug/l	91
20) Methylene Chloride	2.794	84	10707	5.913	ug/l	93
25) 2-Butanone	4.550	43	16300	15.246	ug/l	95
43) Isopropyl Acetate	6.324	43	13696	2.748	ug/l	98

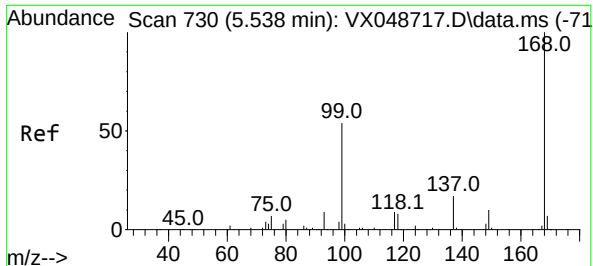
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 00:27:47 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

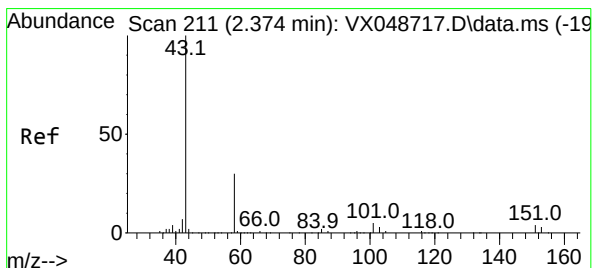
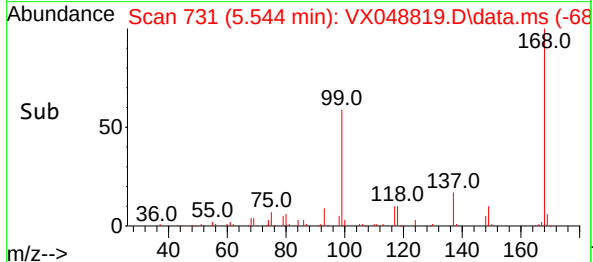
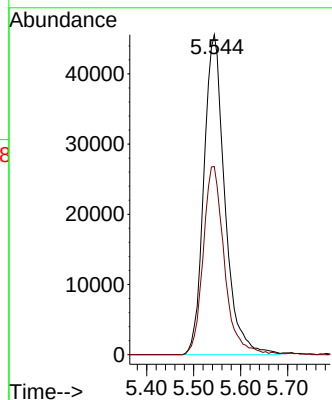
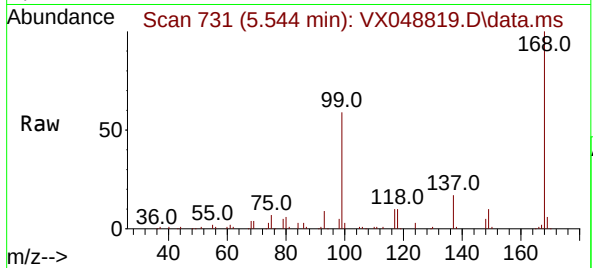




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

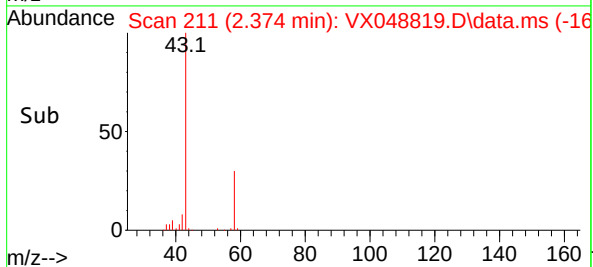
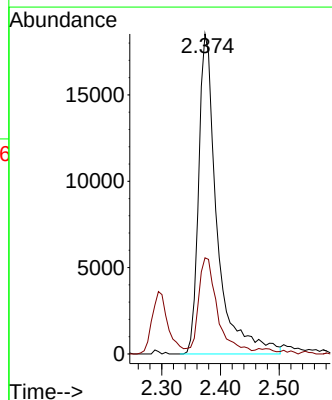
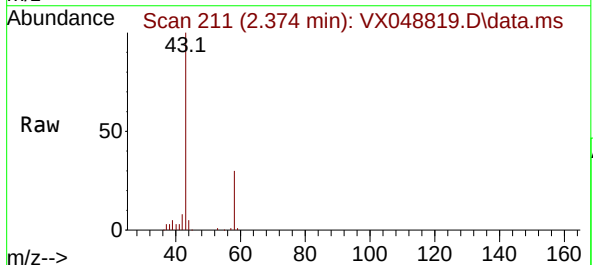
Instrument :
MSVOA_X
ClientSampleId :
PB170875TB

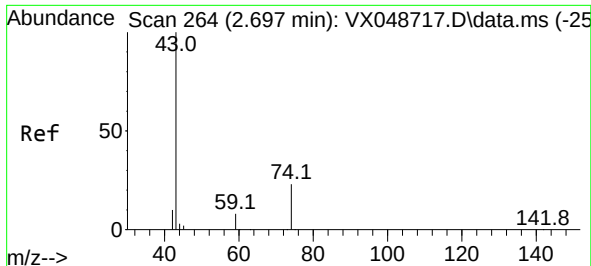
Tgt Ion:168 Resp: 140982
Ion Ratio Lower Upper
168 100
99 58.8 44.2 66.4



#16
Acetone
Concen: 55.592 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

Tgt Ion: 43 Resp: 40270
Ion Ratio Lower Upper
43 100
58 29.3 25.0 37.4

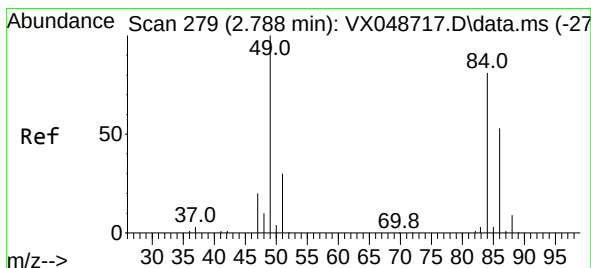
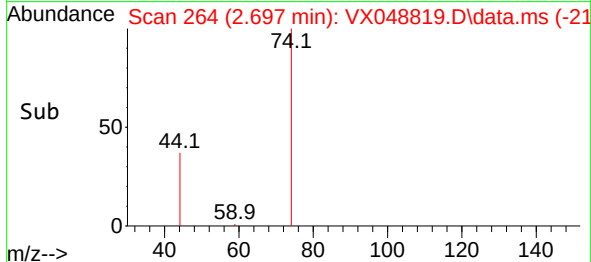
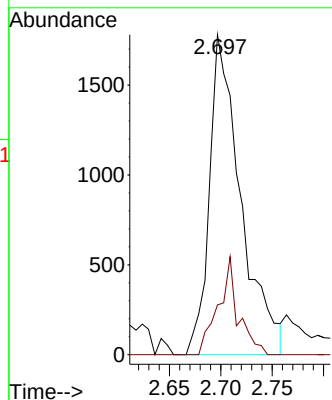
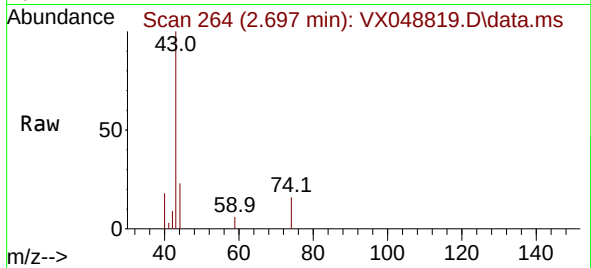




#18
Methyl Acetate
Concen: 1.856 ug/l
RT: 2.697 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

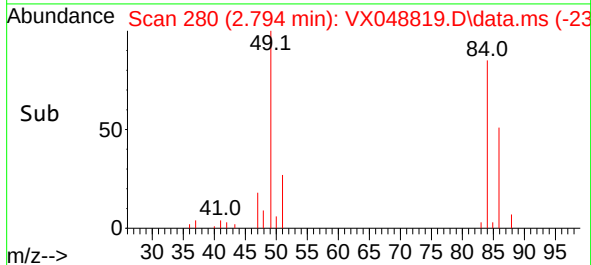
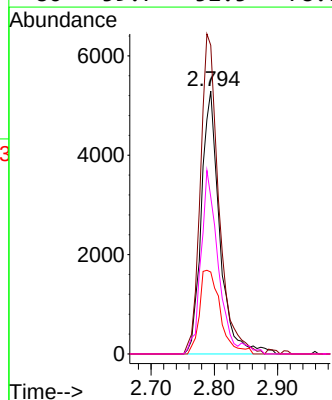
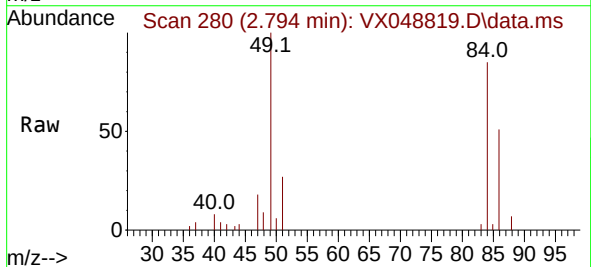
Instrument :
MSVOA_X
ClientSampleId :
PB170875TB

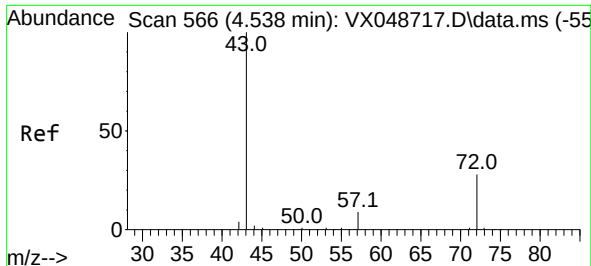
Tgt Ion: 43 Resp: 3783
Ion Ratio Lower Upper
43 100
74 19.4 19.2 28.8



#20
Methylene Chloride
Concen: 5.913 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

Tgt Ion: 84 Resp: 10707
Ion Ratio Lower Upper
84 100
49 117.4 98.7 148.1
51 31.2 29.4 44.2
86 59.7 52.5 78.7

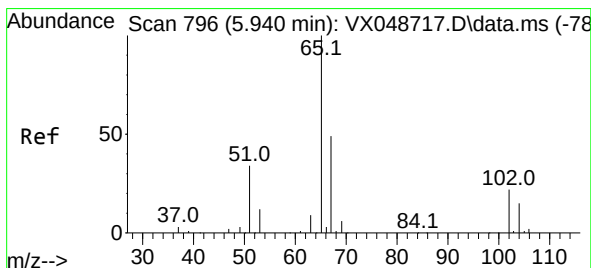
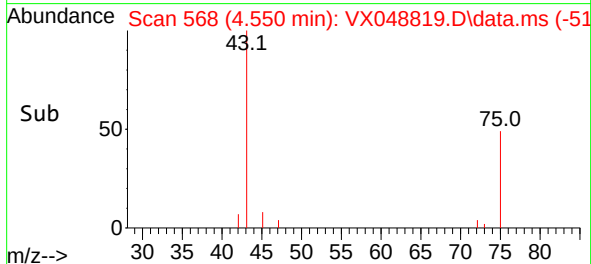
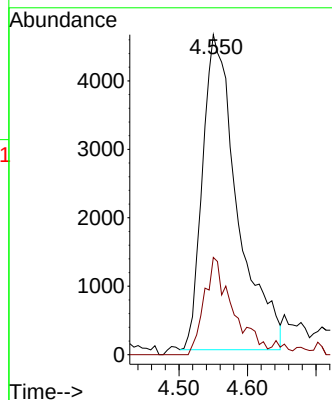
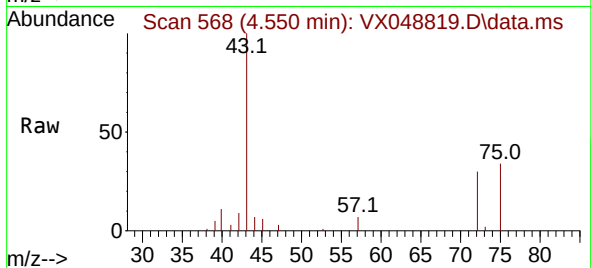




#25
2-Butanone
Concen: 15.246 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

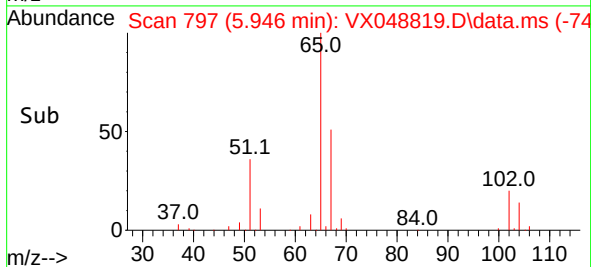
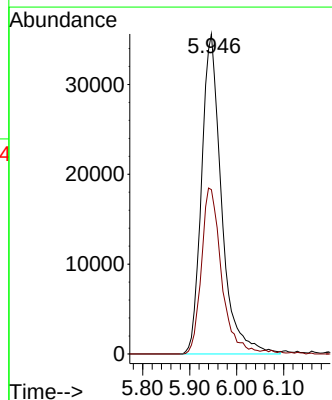
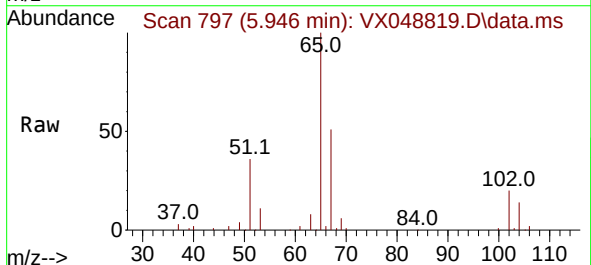
Instrument :
MSVOA_X
ClientSampleId :
PB170875TB

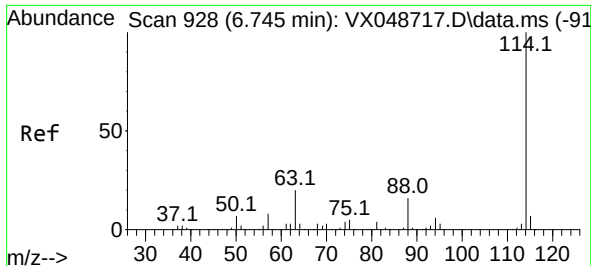
Tgt Ion: 43 Resp: 16300
Ion Ratio Lower Upper
43 100
72 30.9 22.6 34.0



#33
1,2-Dichloroethane-d4
Concen: 55.564 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

Tgt Ion: 65 Resp: 105140
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

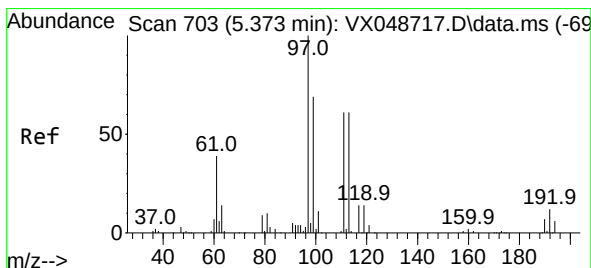
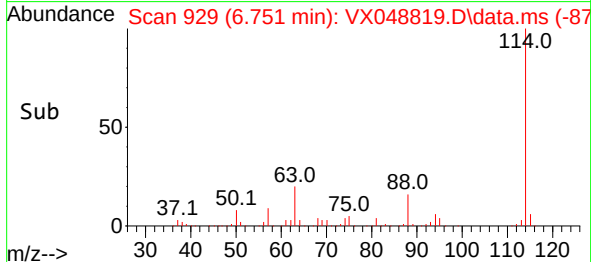
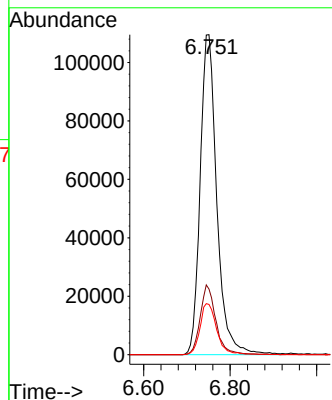
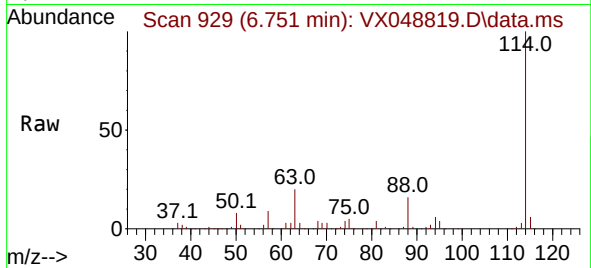




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

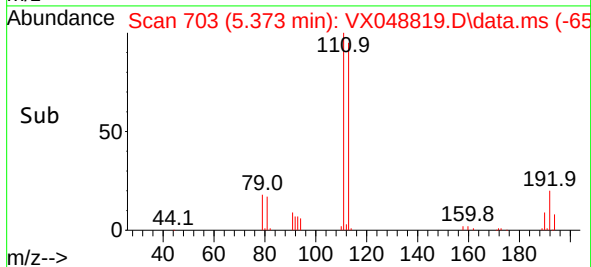
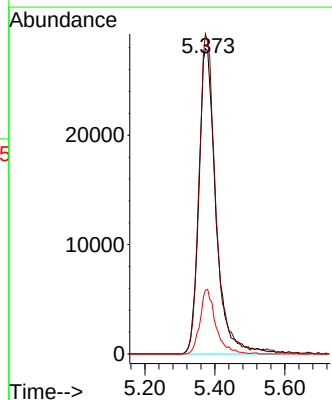
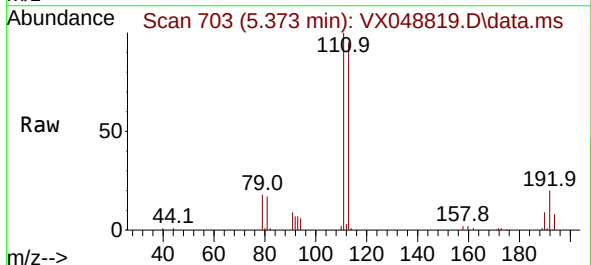
Instrument :
MSVOA_X
ClientSampleId :
PB170875TB

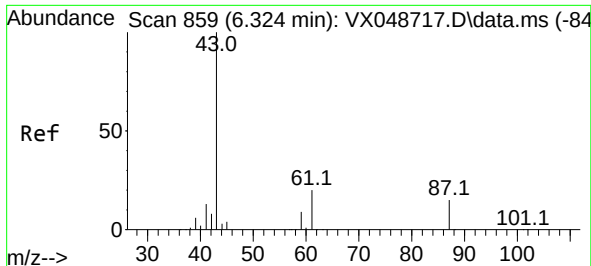
Tgt Ion:114 Resp: 292051
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.0
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.152 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

Tgt Ion:113 Resp: 94818
Ion Ratio Lower Upper
113 100
111 101.3 79.5 119.3
192 19.4 16.1 24.1

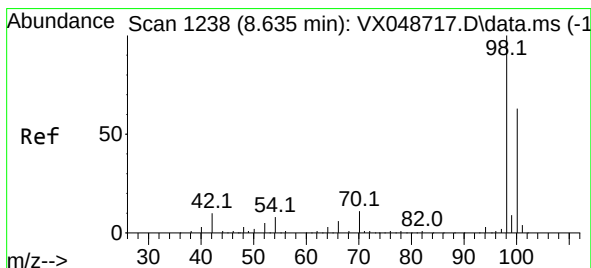
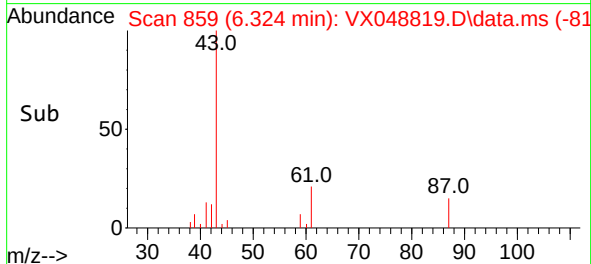
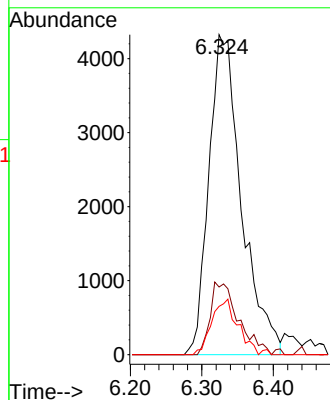
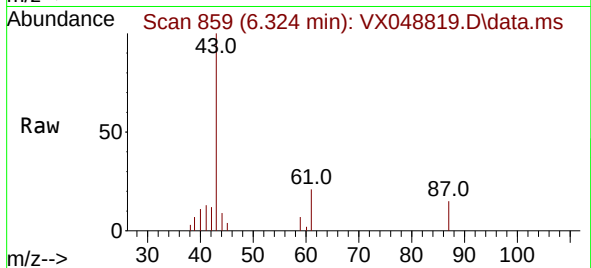




#43
Isopropyl Acetate
Concen: 2.748 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

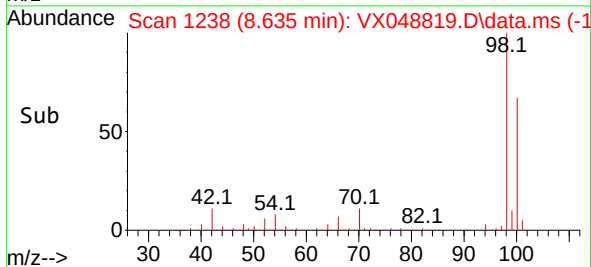
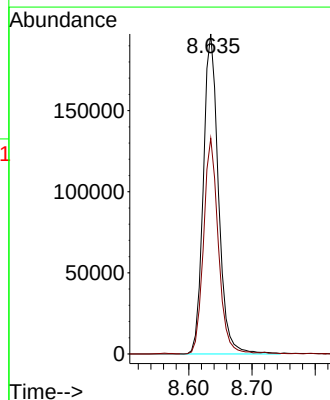
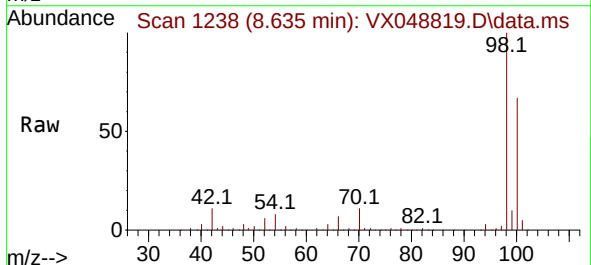
Instrument :
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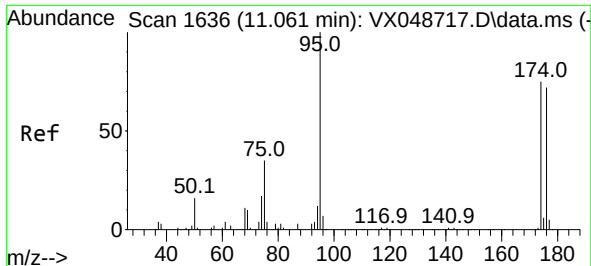
Tgt Ion:	43	Resp:	13696
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.8	25.2
87	14.2	11.8	17.6



#50
Toluene-d8
Concen: 46.623 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

Tgt Ion:	98	Resp:	328636
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.0

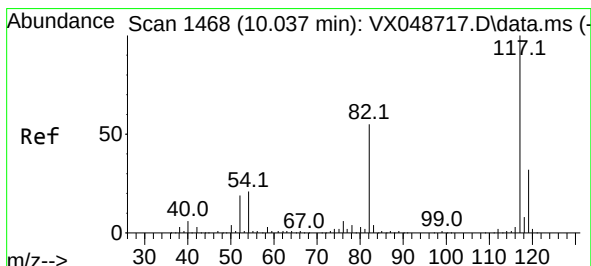
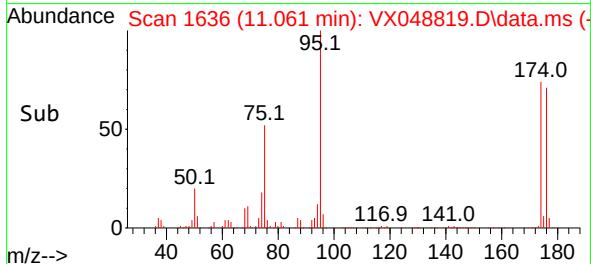
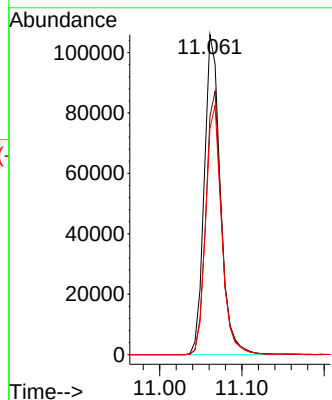
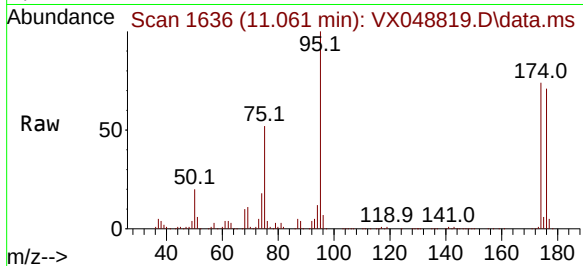




#62
4-Bromofluorobenzene
Concen: 59.232 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

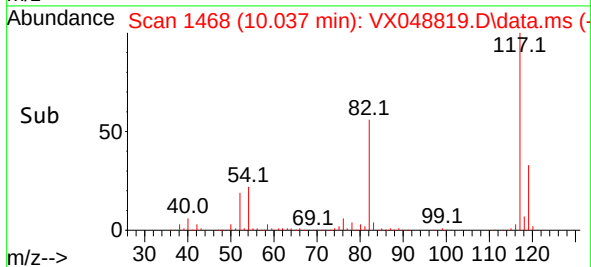
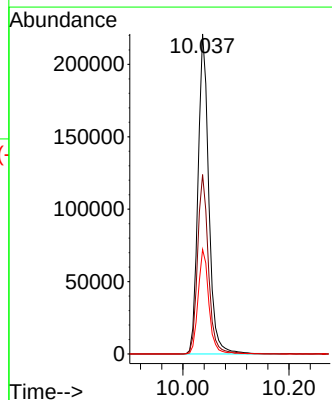
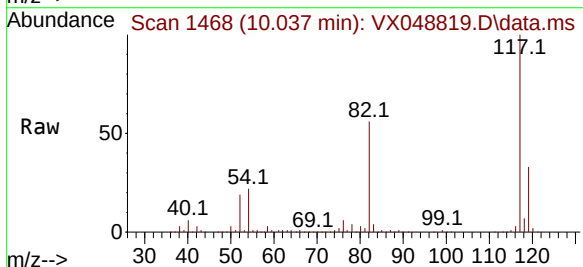
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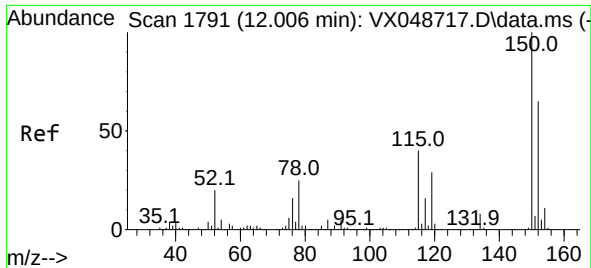
Tgt Ion: 95 Resp: 143972
Ion Ratio Lower Upper
95 100
174 81.1 0.0 157.8
176 77.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048819.D
Acq: 10 Dec 2025 17:56

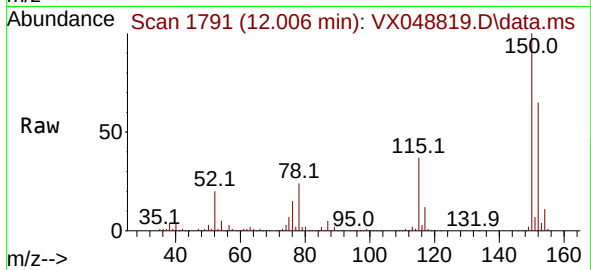
Tgt Ion: 117 Resp: 311757
Ion Ratio Lower Upper
117 100
82 56.1 44.1 66.1
119 32.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048819.D
 Acq: 10 Dec 2025 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170875TB



Tgt Ion:152 Resp: 171301
 Ion Ratio Lower Upper
 152 100
 115 59.2 42.1 126.4
 150 156.7 0.0 347.8

