

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045919.D
 Acq On : 24 Apr 2025 12:04
 Operator : JC/MD
 Sample : PB167707TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167707TB

Quant Time: Apr 25 02:26:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

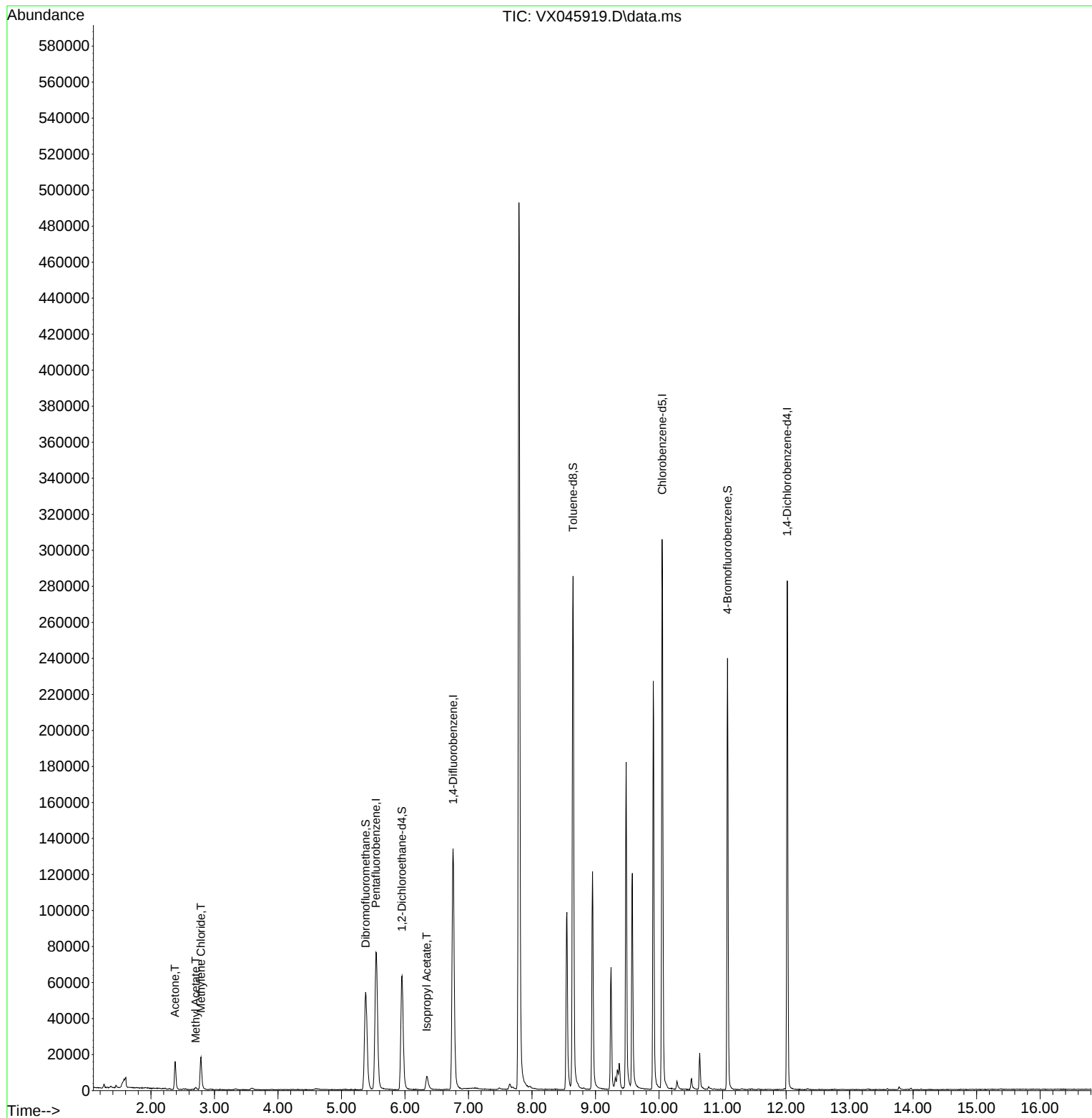
Internal Standards						
1) Pentafluorobenzene	5.544	168	65466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64911	54.219	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery	= 108.440%	
35) Dibromofluoromethane	5.379	113	47356	51.375	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 102.760%	
50) Toluene-d8	8.647	98	165710	51.505	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery	= 103.020%	
62) 4-Bromofluorobenzene	11.079	95	61941	52.854	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121		Recovery	= 105.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	17074	34.731	ug/l	96
18) Methyl Acetate	2.703	43	1633	1.443	ug/l	94
20) Methylene Chloride	2.788	84	8229	8.941	ug/l	93
43) Isopropyl Acetate	6.342	43	11625	4.890	ug/l	98

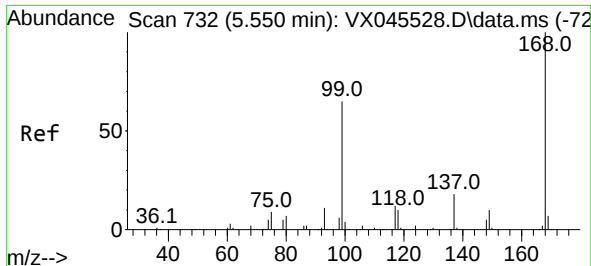
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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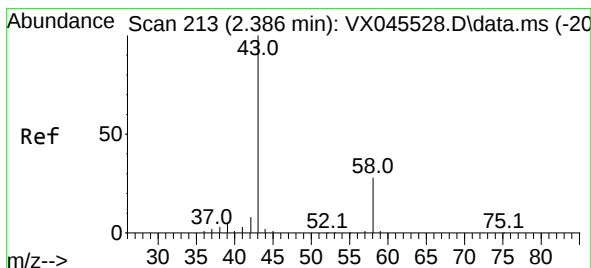
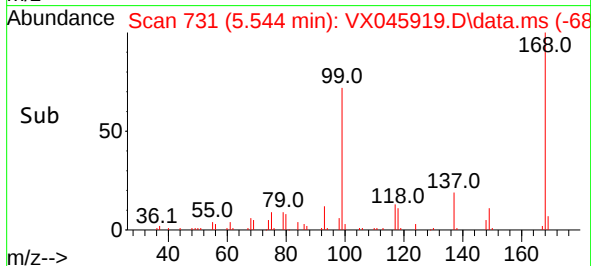
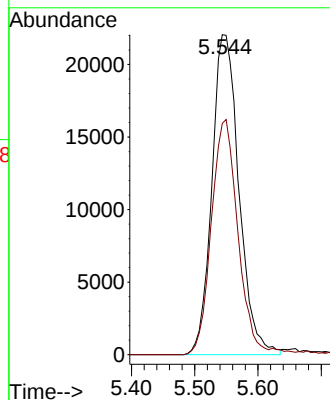
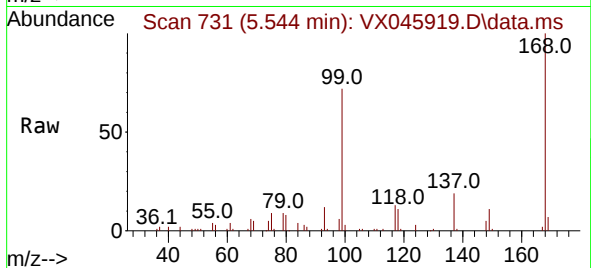




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

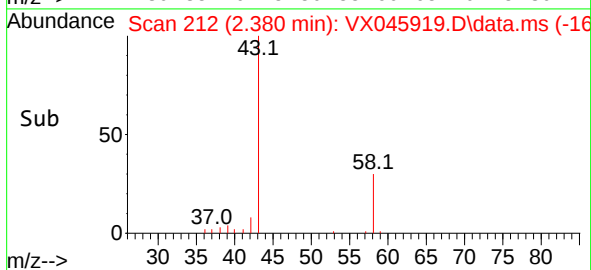
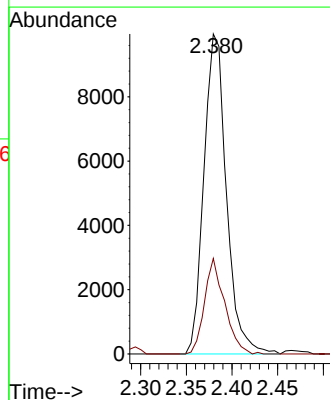
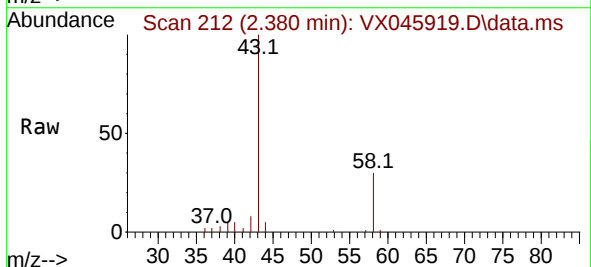
Instrument :
MSVOA_X
ClientSampleId :
PB167707TB

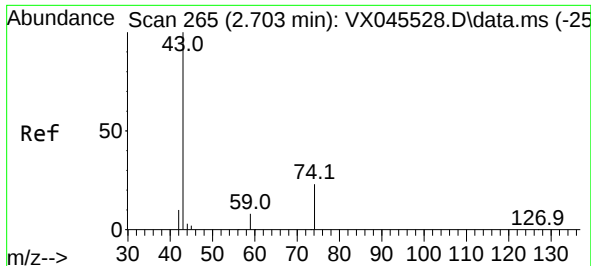
Tgt Ion:168 Resp: 65466
Ion Ratio Lower Upper
168 100
99 72.2 52.3 78.5



#16
Acetone
Concen: 34.731 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

Tgt Ion: 43 Resp: 17074
Ion Ratio Lower Upper
43 100
58 29.9 22.3 33.5

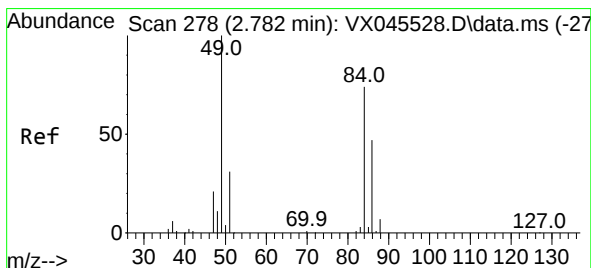
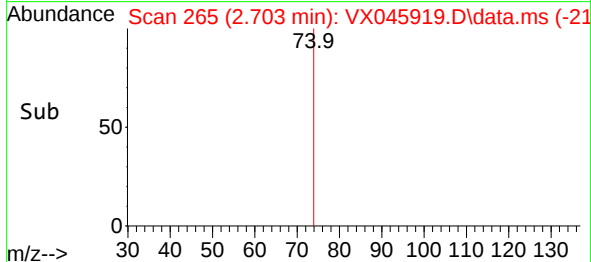
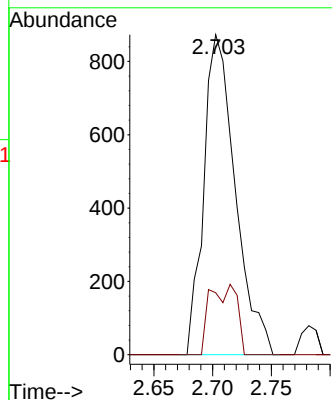
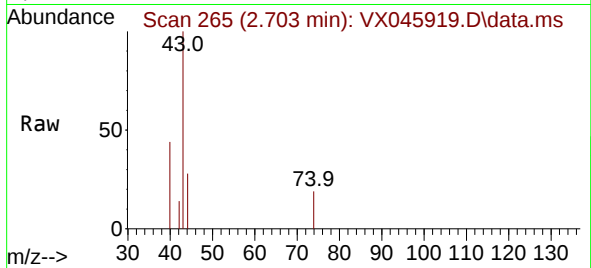




#18
Methyl Acetate
Concen: 1.443 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

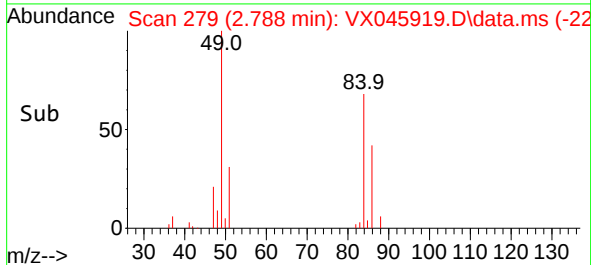
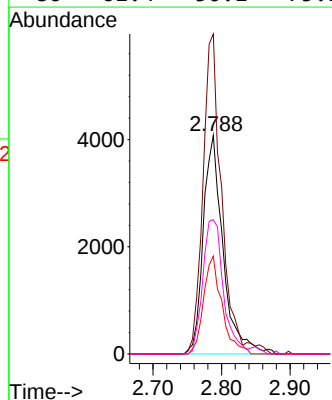
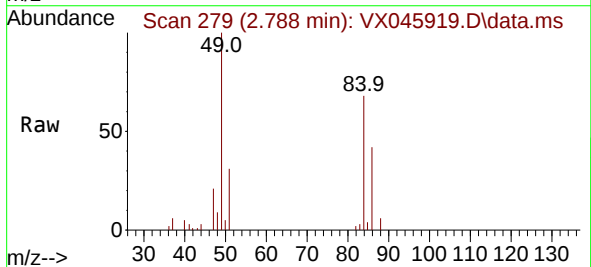
Instrument :
MSVOA_X
ClientSampleId :
PB167707TB

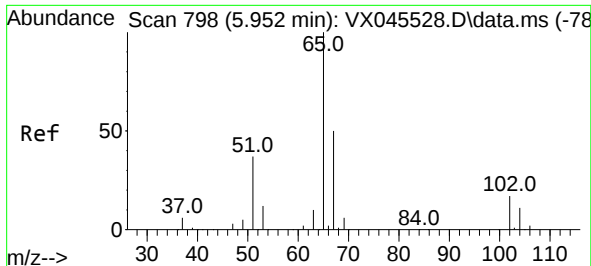
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
74 18.9 17.5 26.3



#20
Methylene Chloride
Concen: 8.941 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

Tgt Ion: 84 Resp: 8229
Ion Ratio Lower Upper
84 100
49 146.4 107.5 161.3
51 44.8 33.0 49.6
86 61.4 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 54.219 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045919.D

Acq: 24 Apr 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

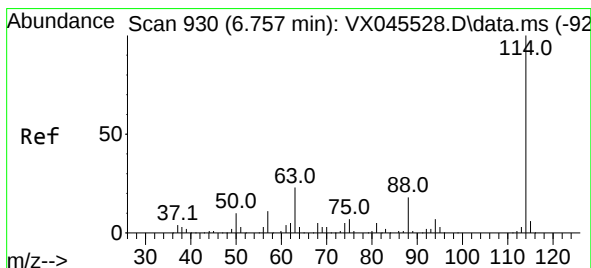
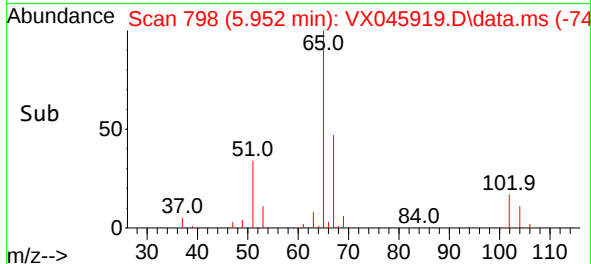
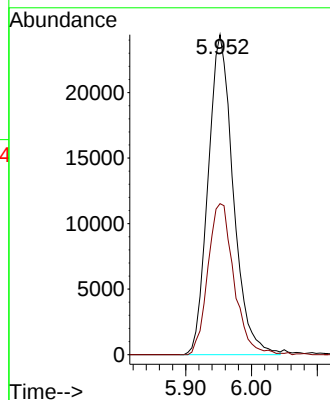
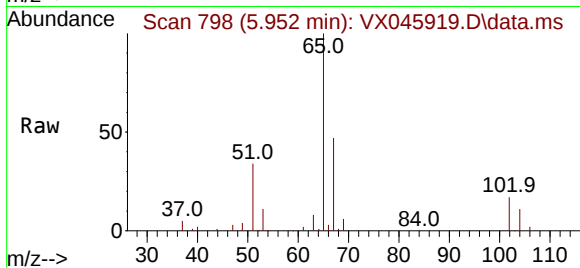
PB167707TB

Tgt Ion: 65 Resp: 64911

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045919.D

Acq: 24 Apr 2025 12:04

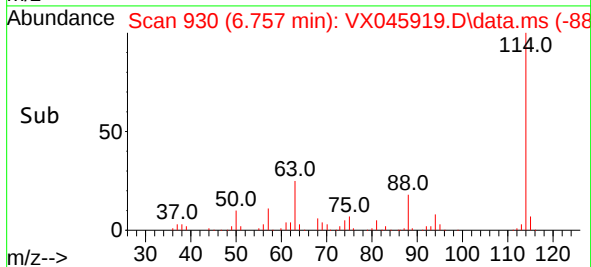
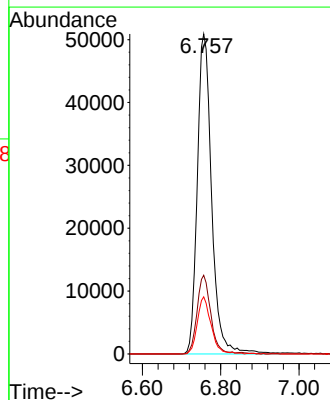
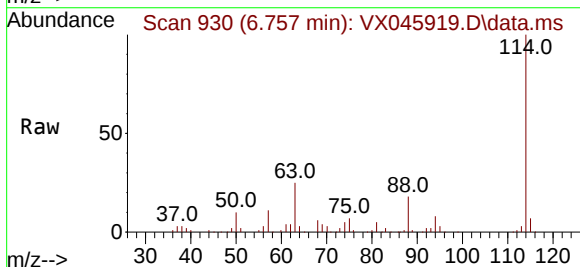
Tgt Ion: 114 Resp: 129918

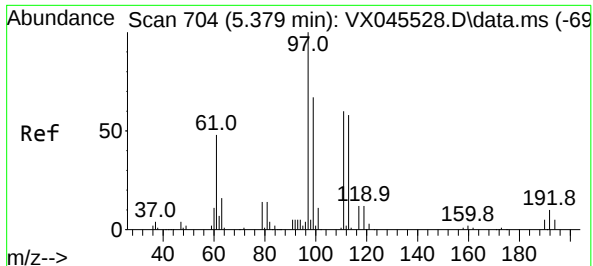
Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.8

88 17.9 0.0 35.4

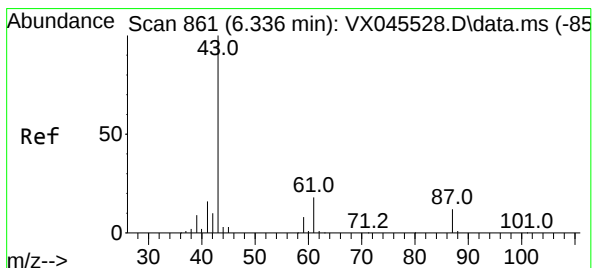
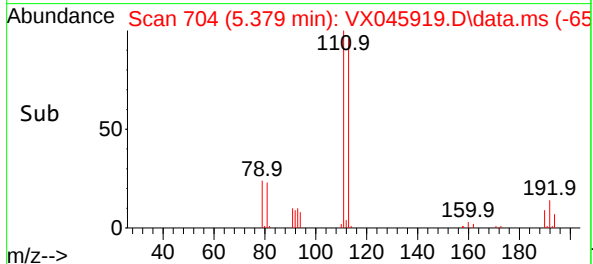
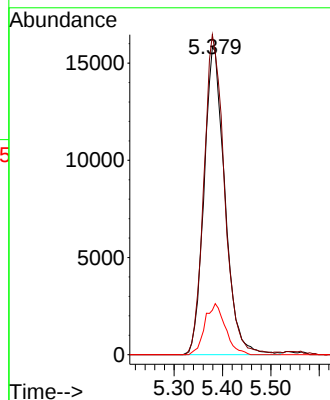
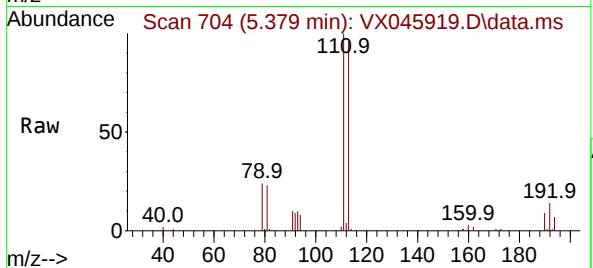




#35
Dibromofluoromethane
Concen: 51.375 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

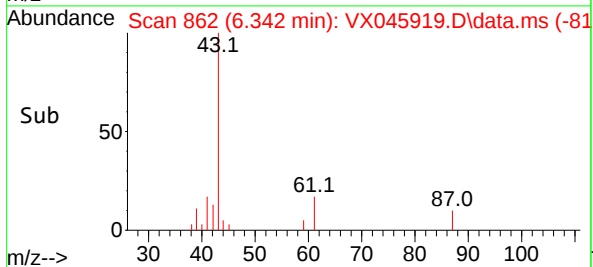
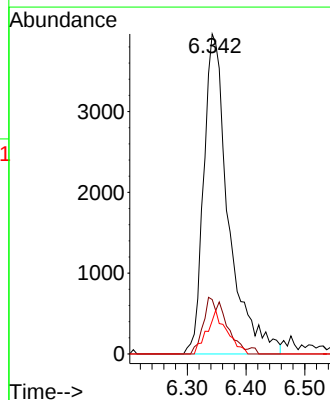
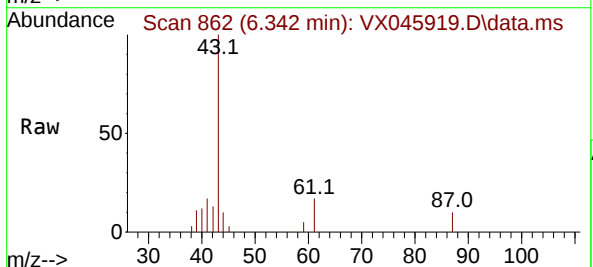
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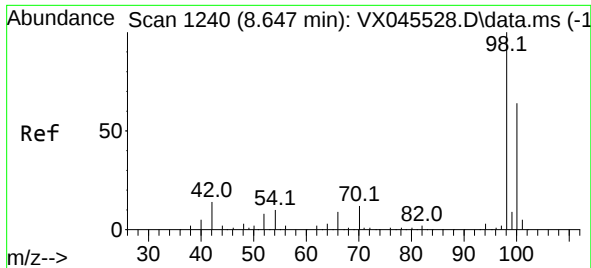
Tgt Ion:113 Resp: 47356
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 16.3 13.8 20.6



#43
Isopropyl Acetate
Concen: 4.890 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

Tgt Ion: 43 Resp: 11625
Ion Ratio Lower Upper
43 100
61 16.9 14.1 21.1
87 10.9 9.2 13.8

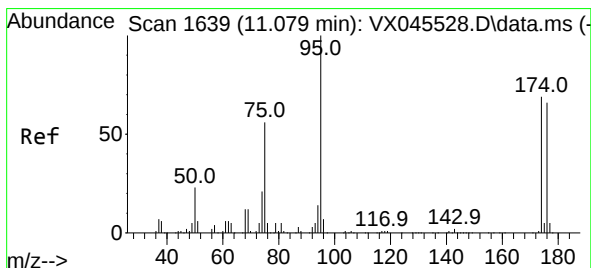
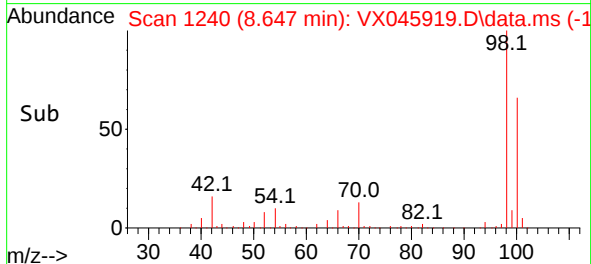
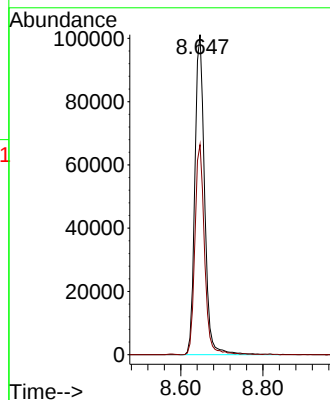
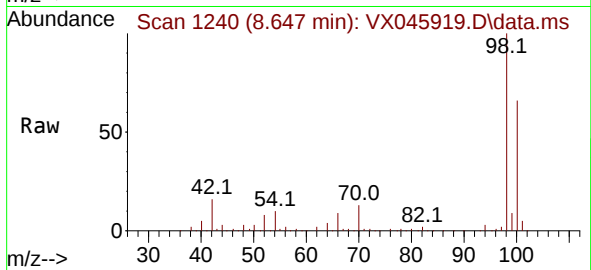




#50
Toluene-d8
Concen: 51.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

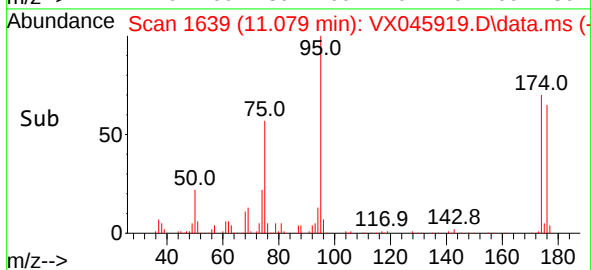
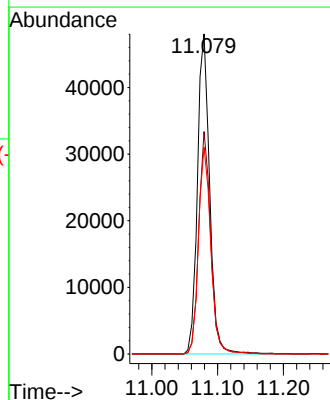
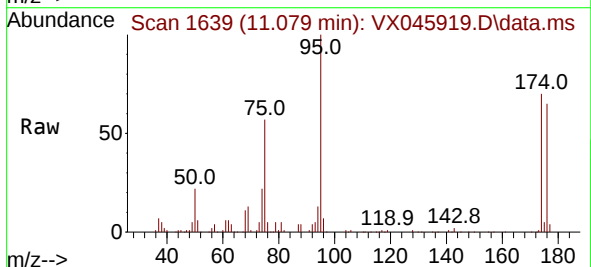
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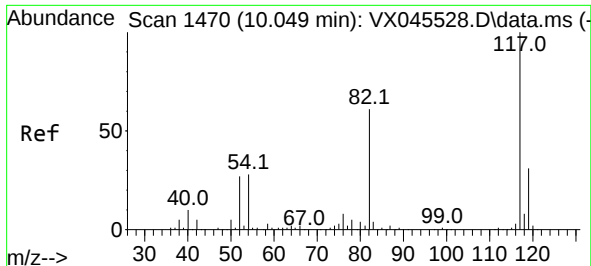
Tgt Ion: 98 Resp: 165710
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

Tgt Ion: 95 Resp: 61941
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.1 0.0 131.4

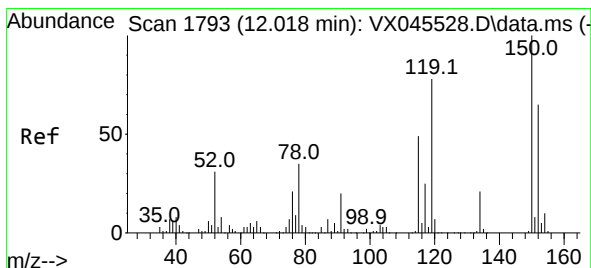
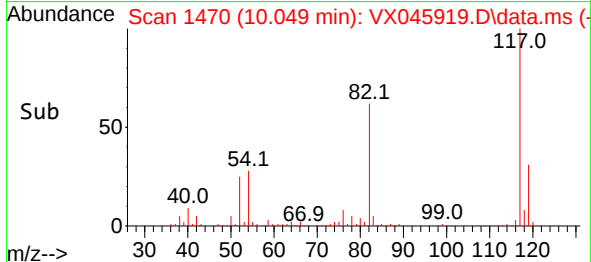
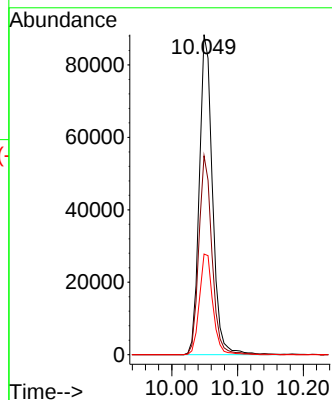
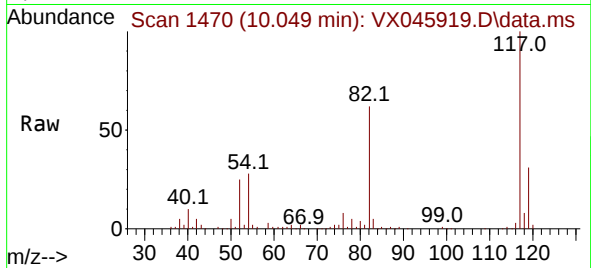




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 122654
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045919.D
Acq: 24 Apr 2025 12:04

Tgt Ion:152 Resp: 51172
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 156.1 0.0 349.4

