

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045781.D
 Acq On : 14 Apr 2025 20:13
 Operator : JC/MD
 Sample : Q1795-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31125

Quant Time: Apr 15 01:31:56 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)

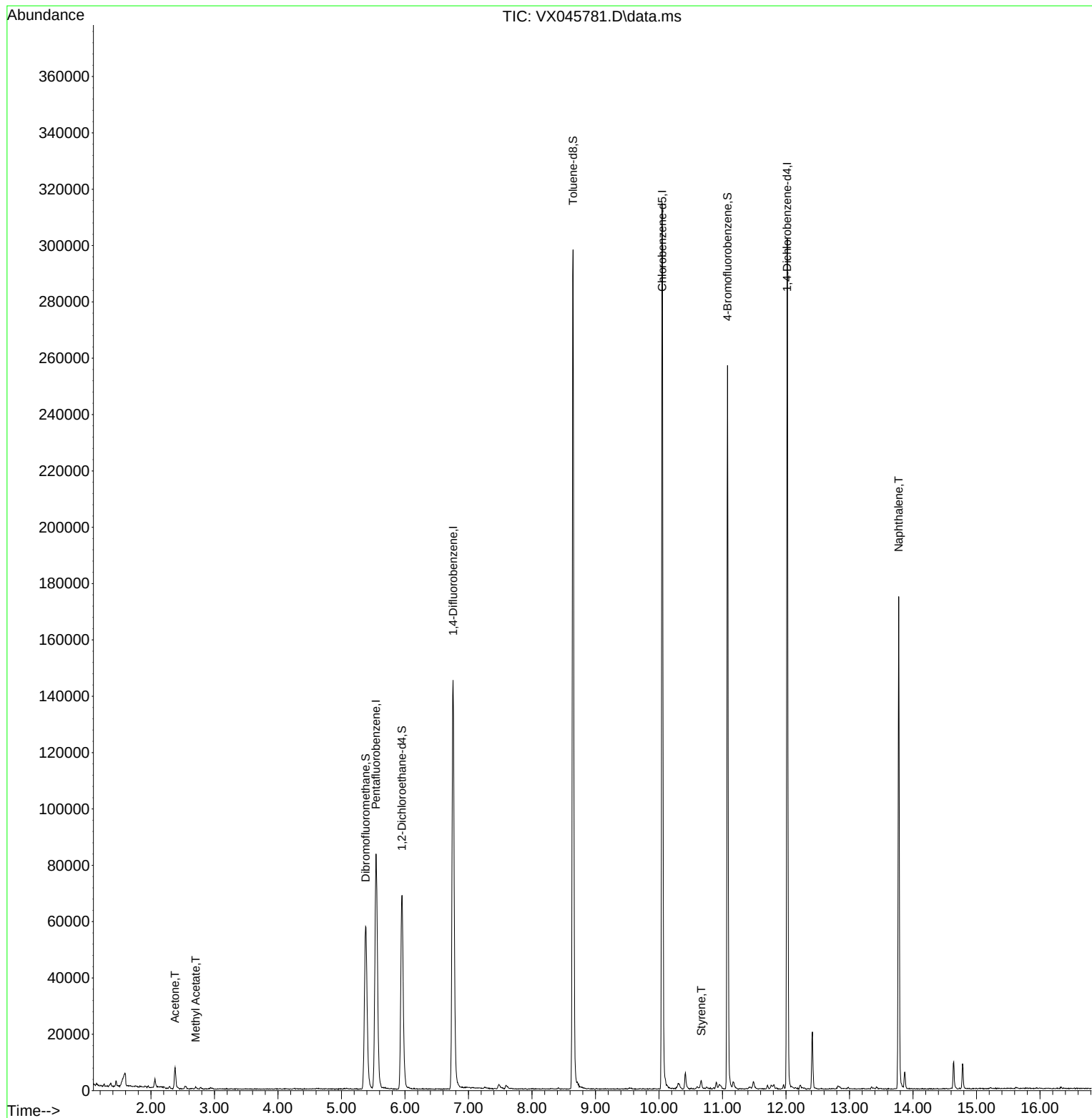
Internal Standards						
1) Pentafluorobenzene	5.544	168	70167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138896	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70902	55.255	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.520%
35) Dibromofluoromethane	5.379	113	50652	51.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.800%
50) Toluene-d8	8.647	98	174091	50.613	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.079	95	65462	52.248	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.500%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8487	16.107	ug/l	99
18) Methyl Acetate	2.703	43	939	0.774	ug/l #	72
70) Styrene	10.665	104	1552	0.535	ug/l	92
95) Naphthalene	13.774	128	100138	26.263	ug/l	99

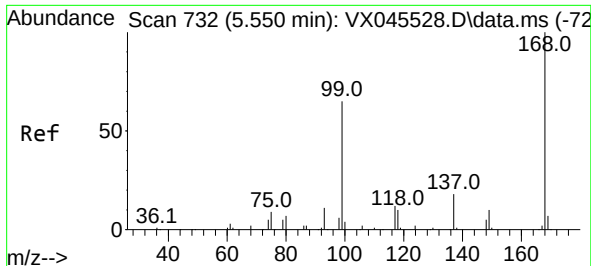
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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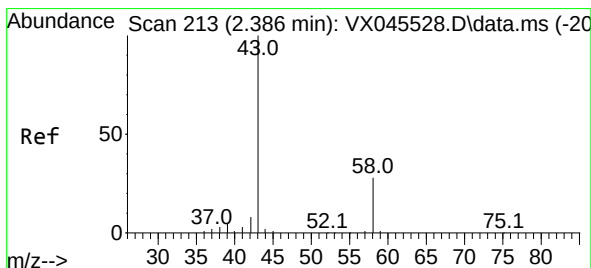
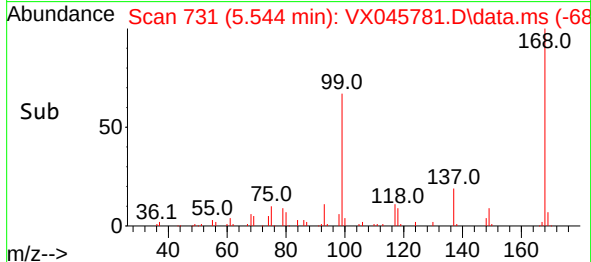
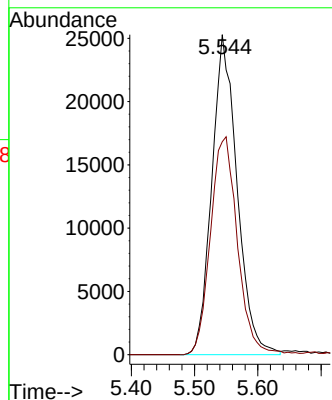
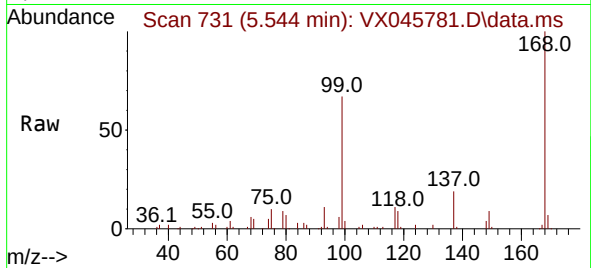




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

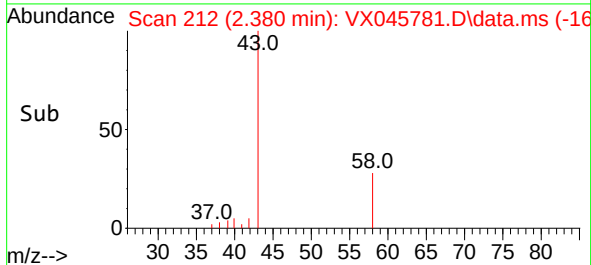
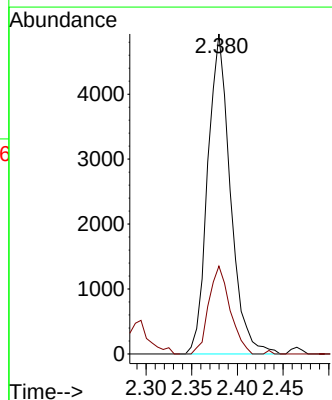
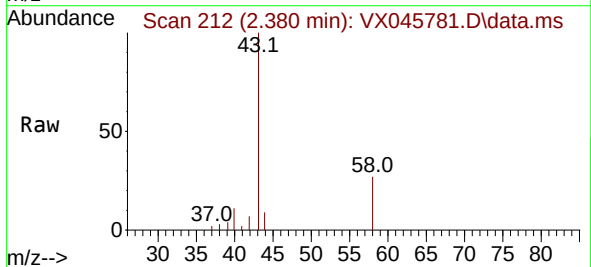
Instrument :
MSVOA_X
ClientSampleId :
31125

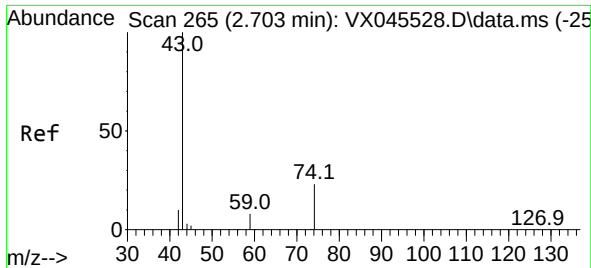
Tgt Ion:168 Resp: 70167
Ion Ratio Lower Upper
168 100
99 66.6 52.3 78.5



#16
Acetone
Concen: 16.107 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

Tgt Ion: 43 Resp: 8487
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5

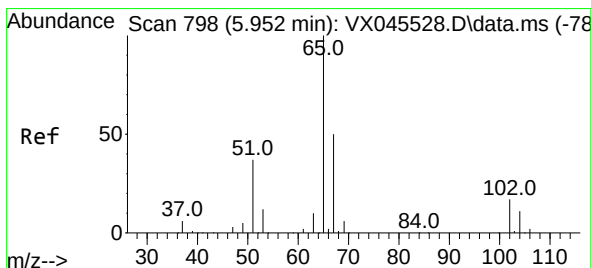
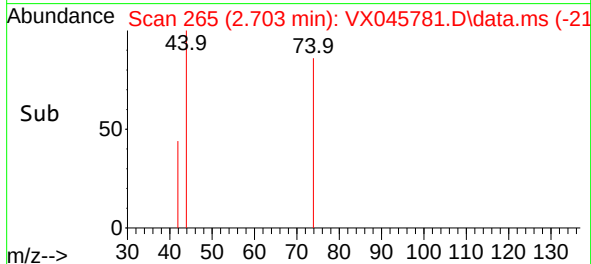
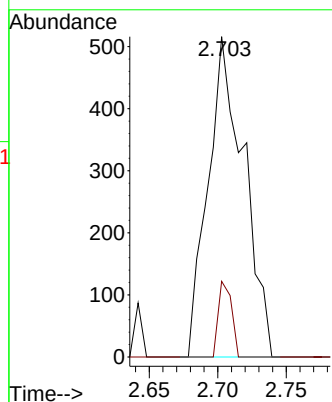
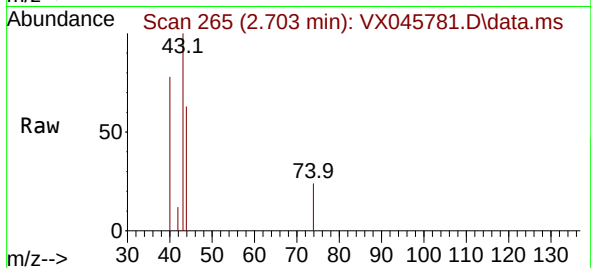




#18
Methyl Acetate
Concen: 0.774 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

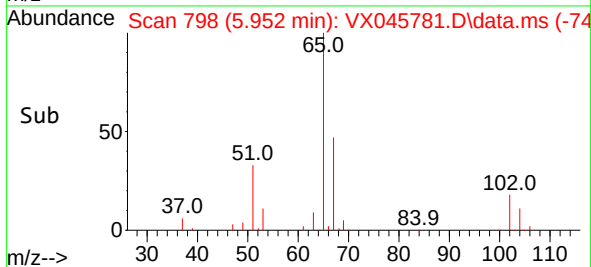
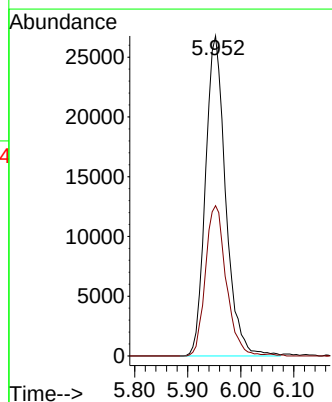
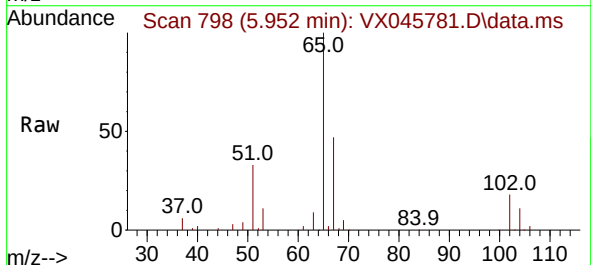
Instrument :
MSVOA_X
ClientSampleId :
31125

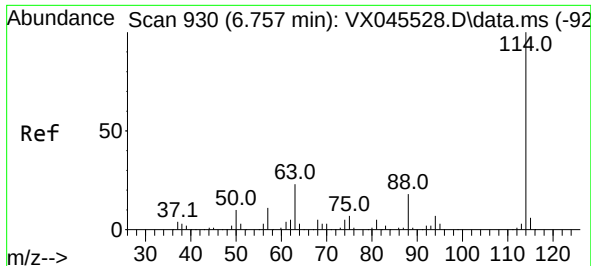
Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
74 8.6 17.5 26.3#



#33
1,2-Dichloroethane-d4
Concen: 55.255 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

Tgt Ion: 65 Resp: 70902
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.0

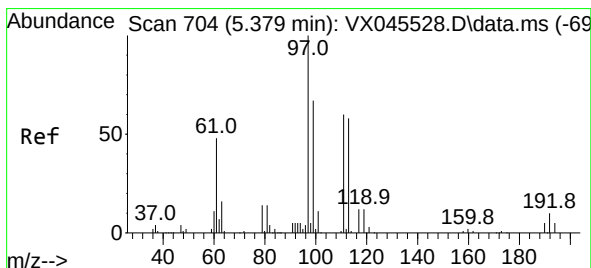
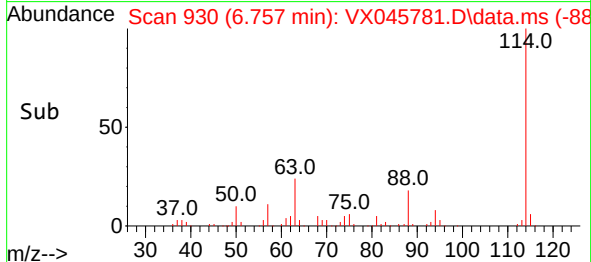
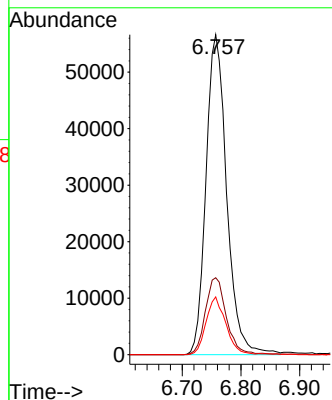
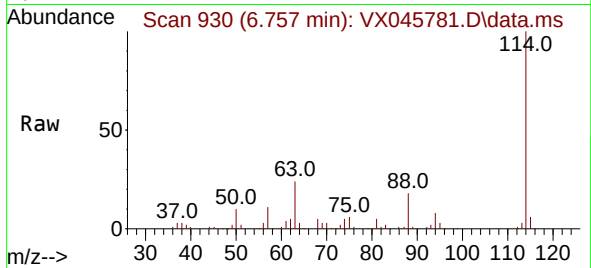




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

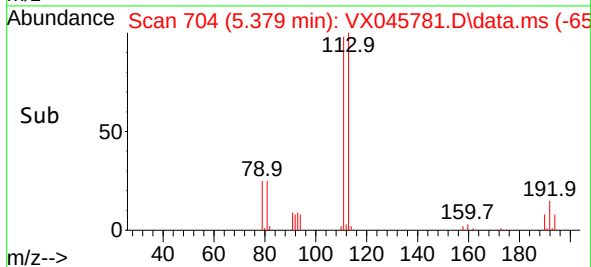
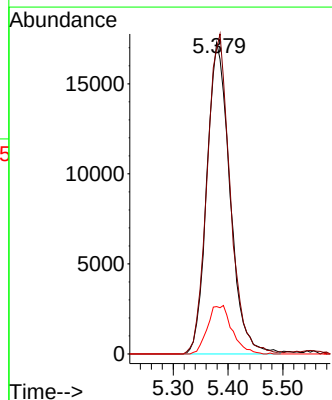
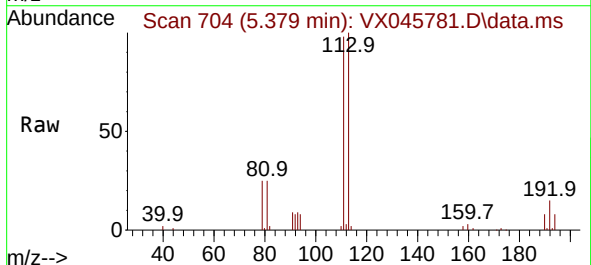
Instrument :
MSVOA_X
ClientSampleId :
31125

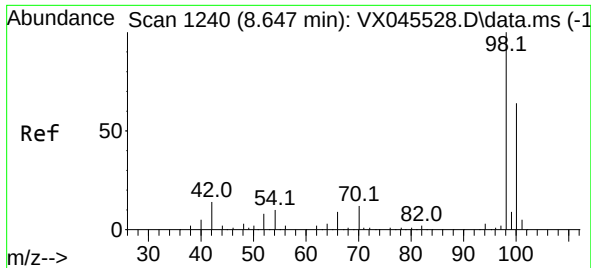
Tgt Ion:114 Resp: 138896
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 18.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.399 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

Tgt Ion:113 Resp: 50652
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 16.4 13.8 20.6

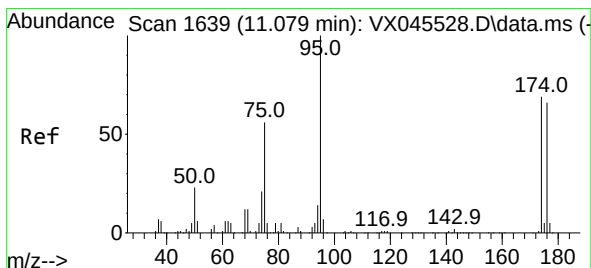
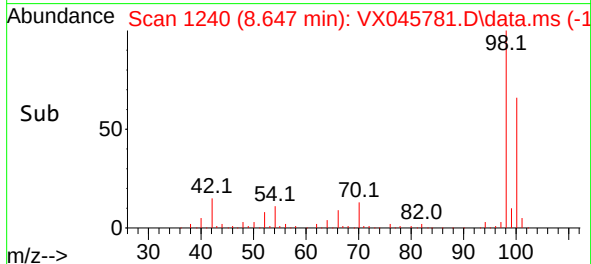
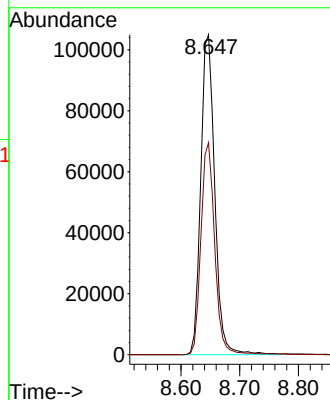
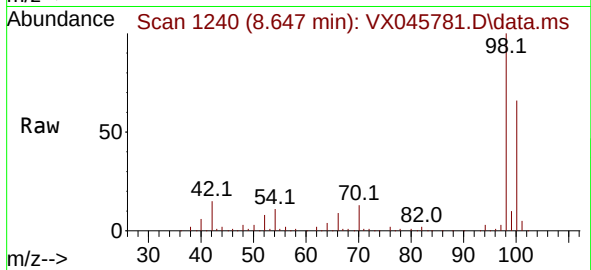




#50
Toluene-d8
Concen: 50.613 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

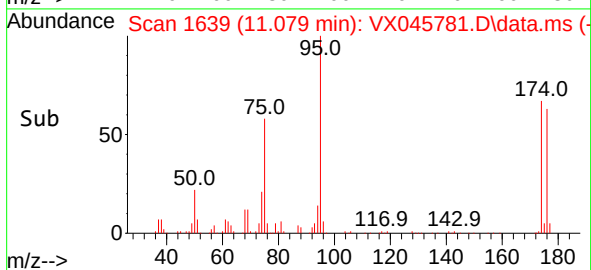
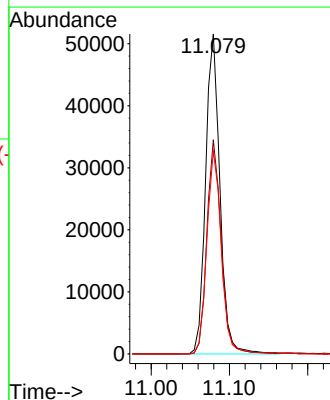
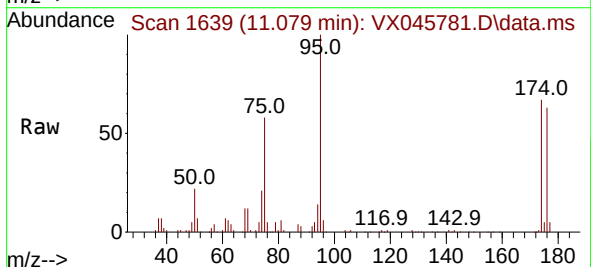
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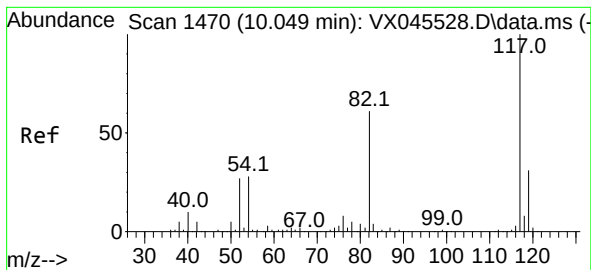
Tgt Ion: 98 Resp: 174091
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

Tgt Ion: 95 Resp: 65462
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 63.8 0.0 131.4

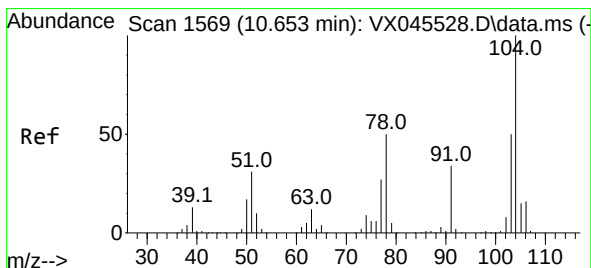
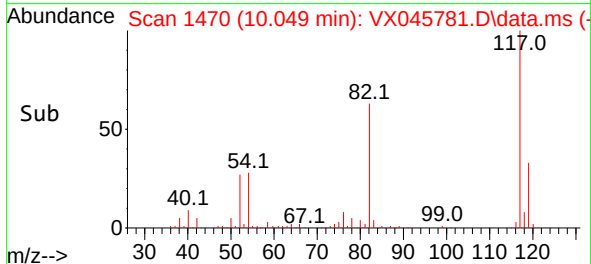
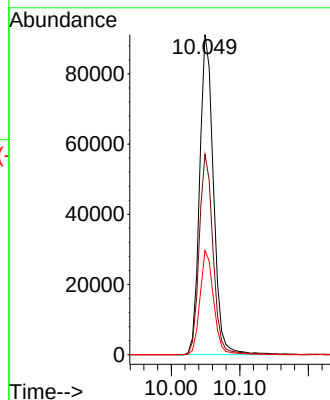
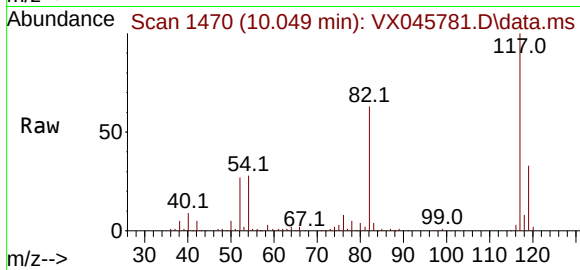




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

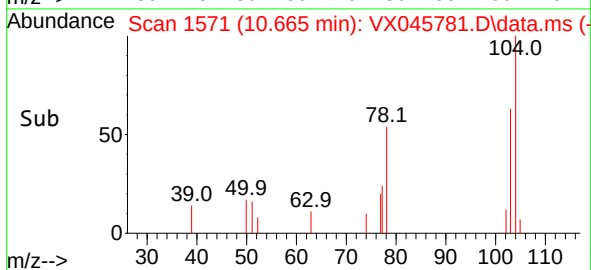
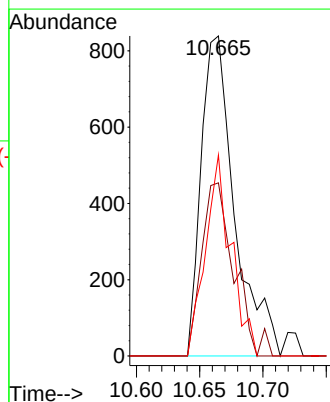
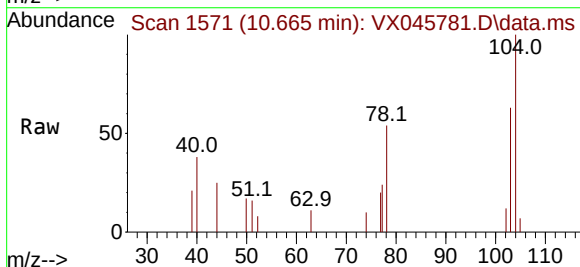
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MSVOA_X
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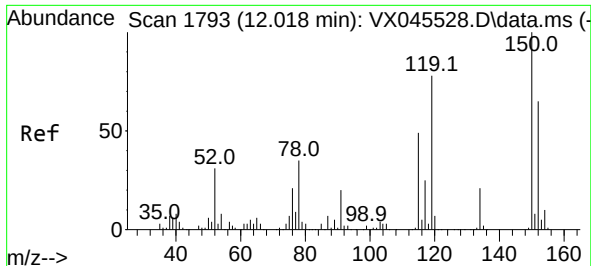
Tgt Ion:117 Resp: 128279
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.6 25.1 37.7



#70
Styrene
Concen: 0.535 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX045781.D
Acq: 14 Apr 2025 20:13

Tgt Ion:104 Resp: 1552
Ion Ratio Lower Upper
104 100
78 52.3 45.4 68.2
103 47.8 43.8 65.8

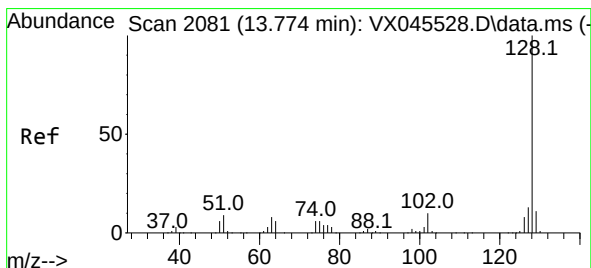
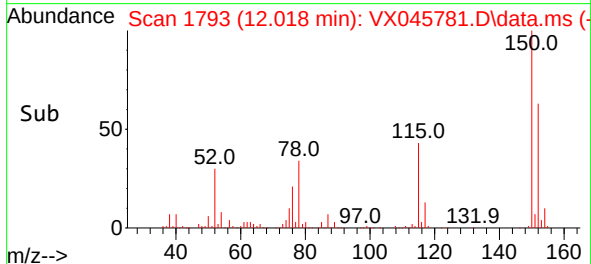
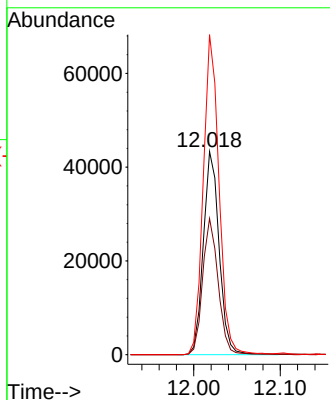
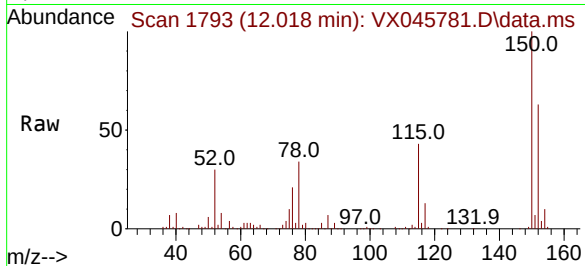




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045781.D
 Acq: 14 Apr 2025 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 31125

Tgt Ion:152 Resp: 54956
 Ion Ratio Lower Upper
 152 100
 115 66.1 46.9 140.7
 150 156.6 0.0 349.4



#95
 Naphthalene
 Concen: 26.263 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX045781.D
 Acq: 14 Apr 2025 20:13

Tgt Ion:128 Resp: 100138
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 10.8 8.6 12.8

