

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045722.D
 Acq On : 11 Apr 2025 07:28
 Operator : JC/MD
 Sample : Q1752-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Apr 11 08:00:16 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)

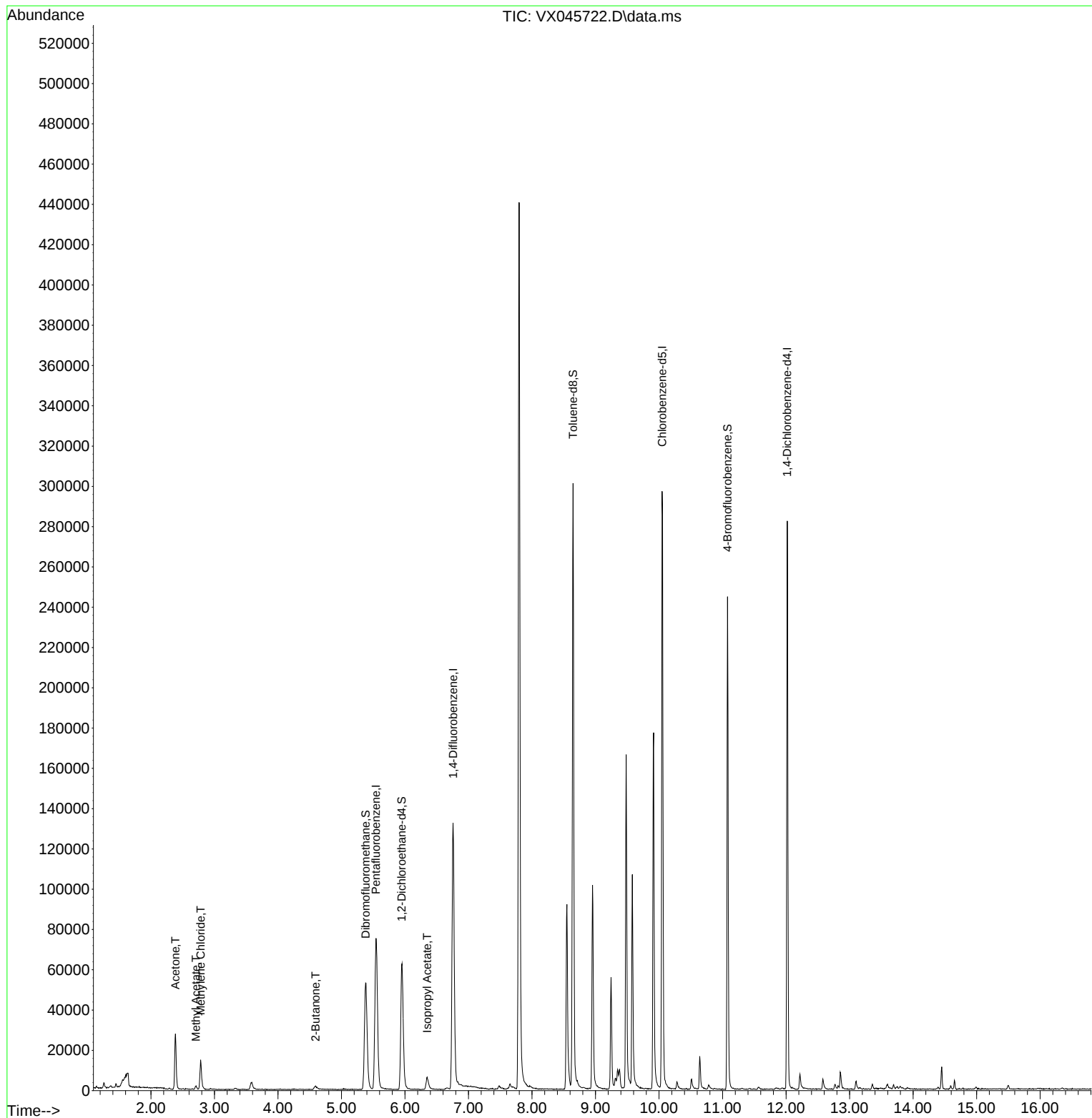
Internal Standards						
1) Pentafluorobenzene	5.544	168	64627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64798	54.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.660%	
35) Dibromofluoromethane	5.379	113	46391	50.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	8.647	98	164931	51.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	11.079	95	62533	53.614	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	29866	61.541	ug/l	98
18) Methyl Acetate	2.709	43	2414	2.160	ug/l	92
20) Methylene Chloride	2.782	84	6301	6.935	ug/l	96
25) 2-Butanone	4.593	43	4032	5.676	ug/l	96
43) Isopropyl Acetate	6.348	43	9316	3.938	ug/l	96

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

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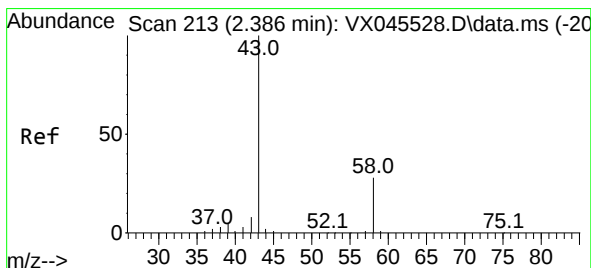
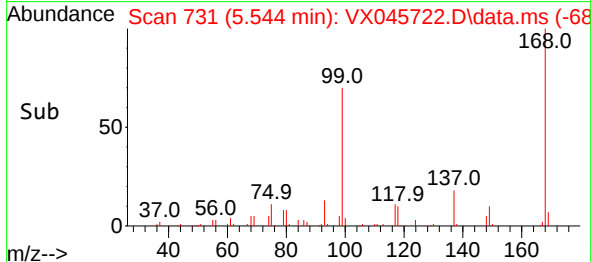
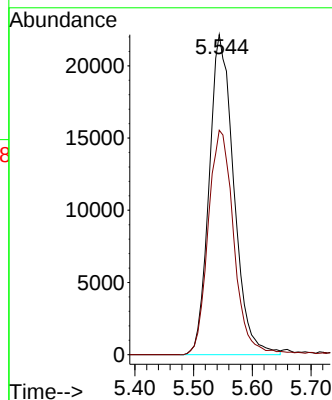
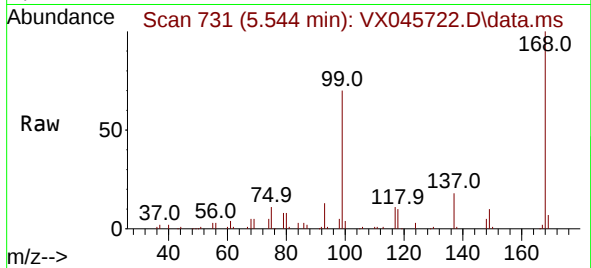




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

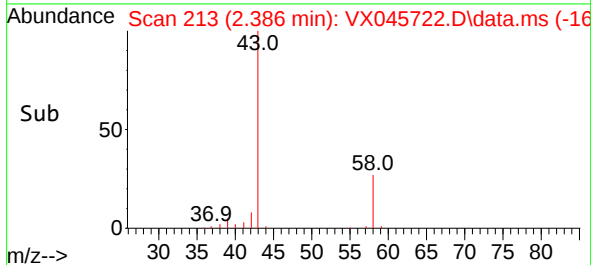
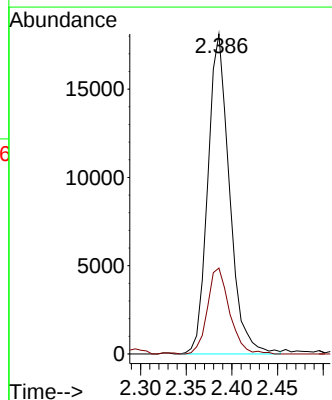
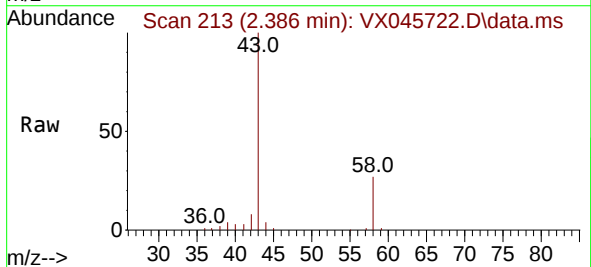
Instrument :
MSVOA_X
ClientSampleId :
TP-3

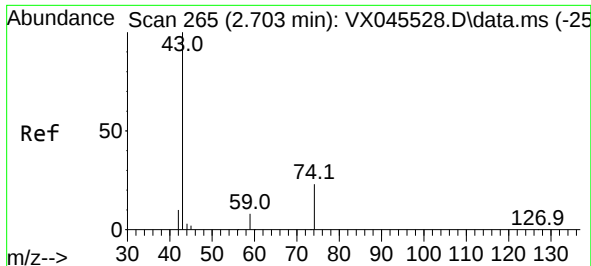
Tgt Ion:168 Resp: 64627
Ion Ratio Lower Upper
168 100
99 70.1 52.3 78.5



#16
Acetone
Concen: 61.541 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

Tgt Ion: 43 Resp: 29866
Ion Ratio Lower Upper
43 100
58 26.9 22.3 33.5

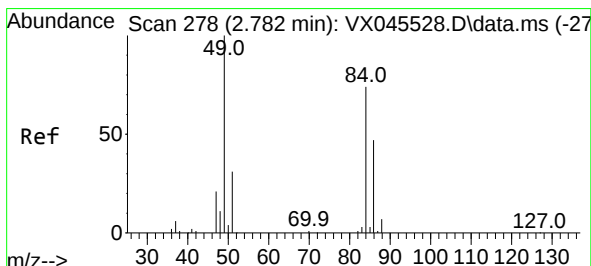
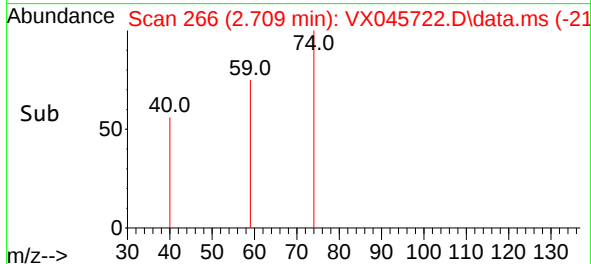
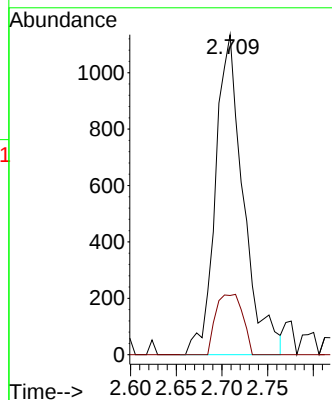
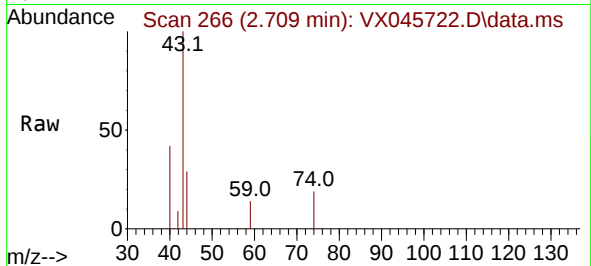




#18
Methyl Acetate
Concen: 2.160 ug/l
RT: 2.709 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

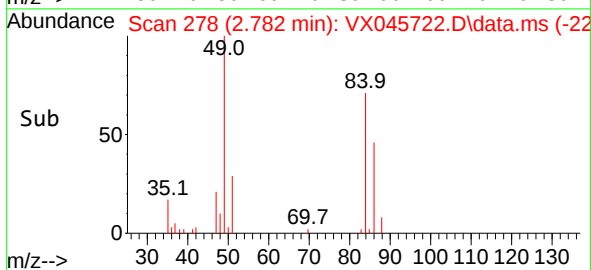
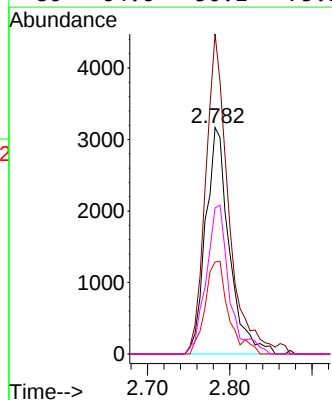
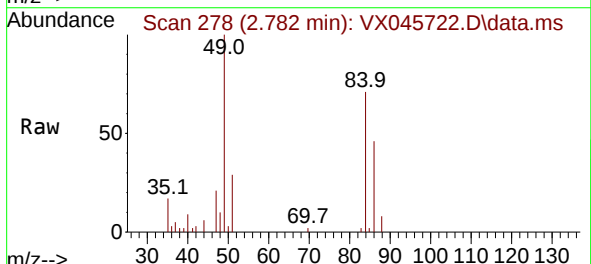
Instrument :
MSVOA_X
ClientSampleId :
TP-3

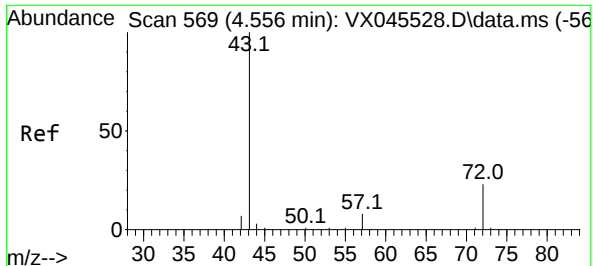
Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
74 18.1 17.5 26.3



#20
Methylene Chloride
Concen: 6.935 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

Tgt Ion: 84 Resp: 6301
Ion Ratio Lower Upper
84 100
49 141.3 107.5 161.3
51 40.7 33.0 49.6
86 64.6 50.1 75.1

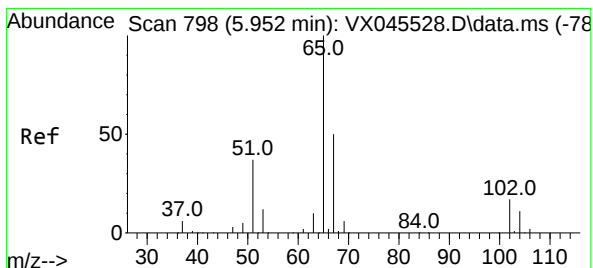
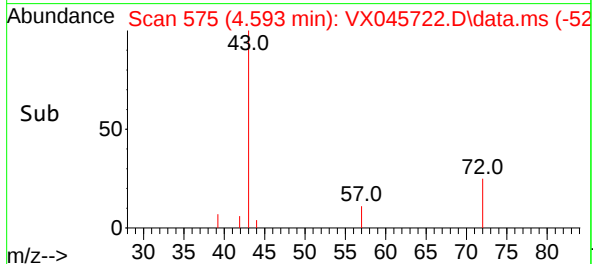
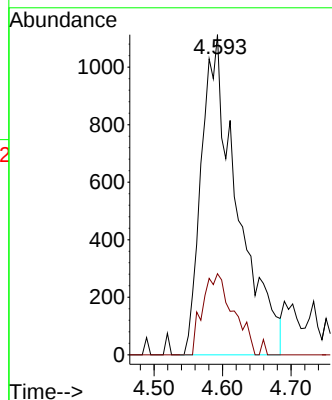
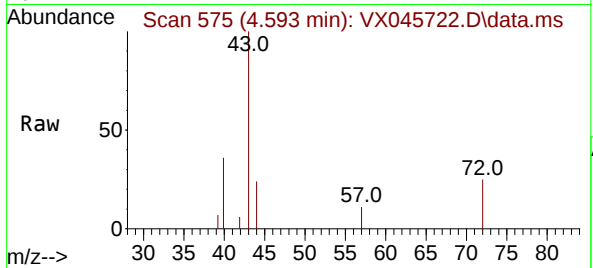




#25
2-Butanone
Concen: 5.676 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

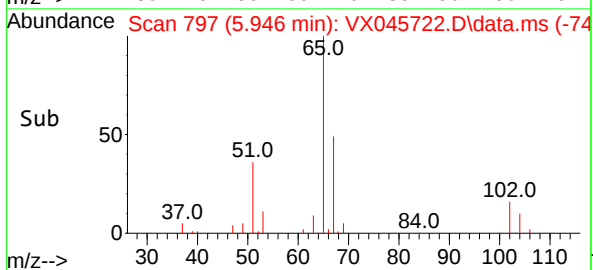
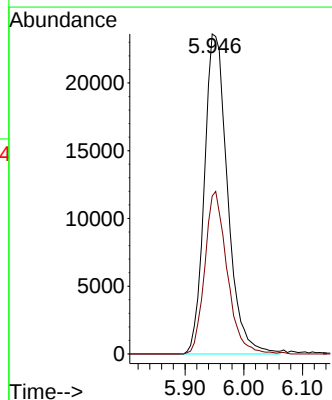
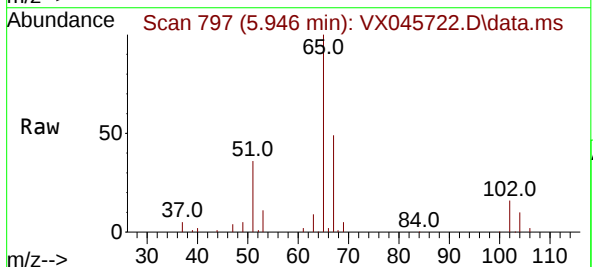
Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tgt Ion: 43 Resp: 4032
Ion Ratio Lower Upper
43 100
72 25.3 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 54.827 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

Tgt Ion: 65 Resp: 64798
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

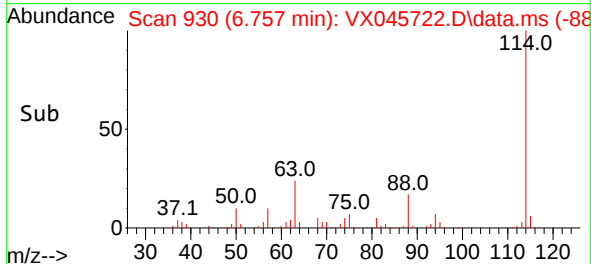
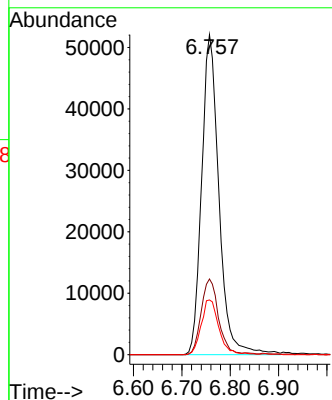
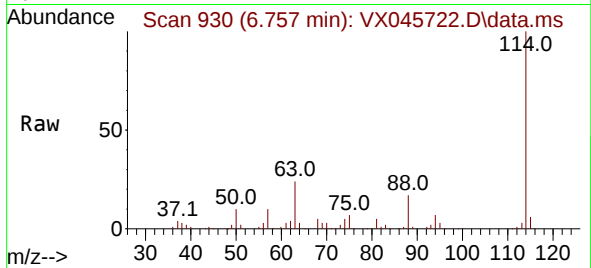




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

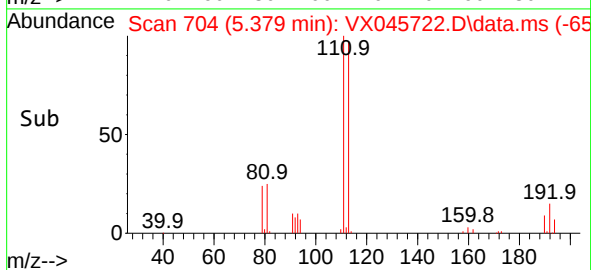
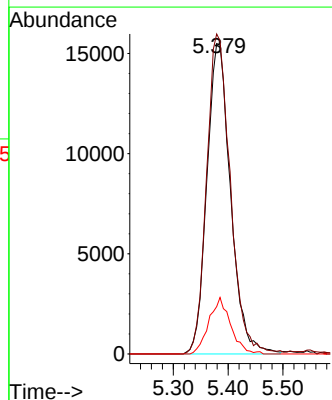
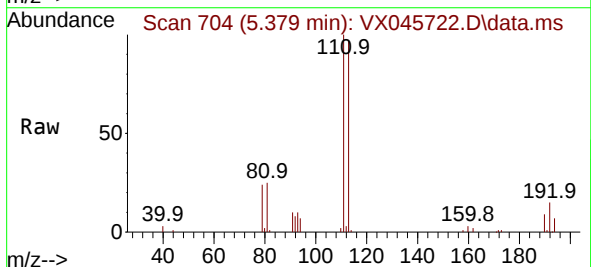
Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tgt Ion:114 Resp: 129302
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.8
88 17.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.568 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

Tgt Ion:113 Resp: 46391
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.7 13.8 20.6

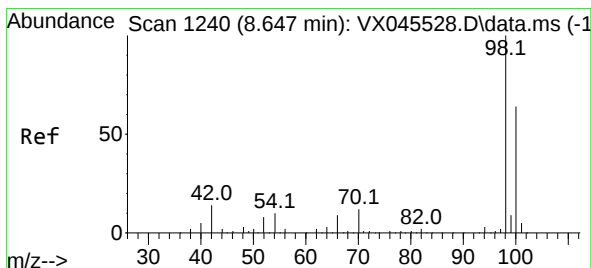
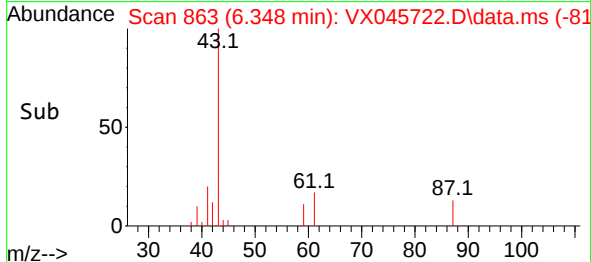
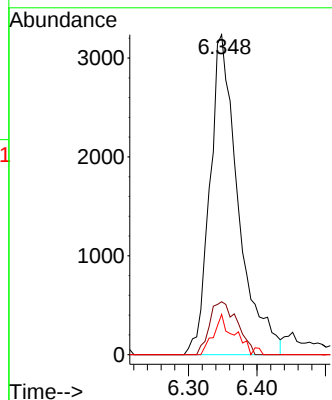
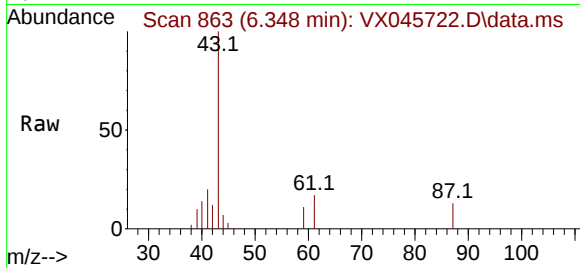




#43
Isopropyl Acetate
Concen: 3.938 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

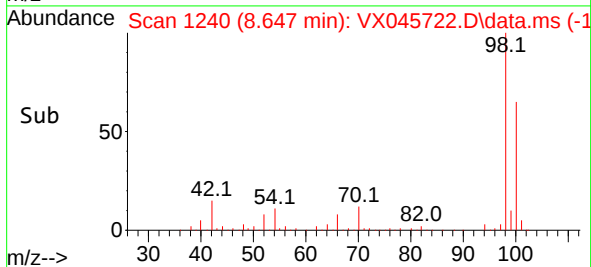
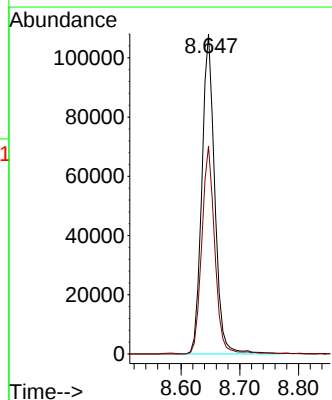
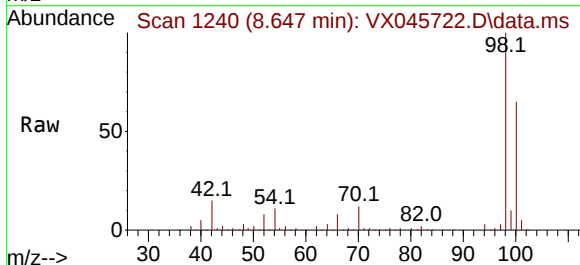
Instrument :
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ClientSampleId :
TP-3

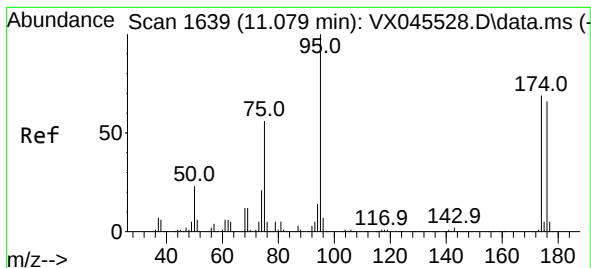
Tgt Ion: 43 Resp: 9316
Ion Ratio Lower Upper
43 100
61 16.2 14.1 21.1
87 9.4 9.2 13.8



#50
Toluene-d8
Concen: 51.507 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

Tgt Ion: 98 Resp: 164931
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

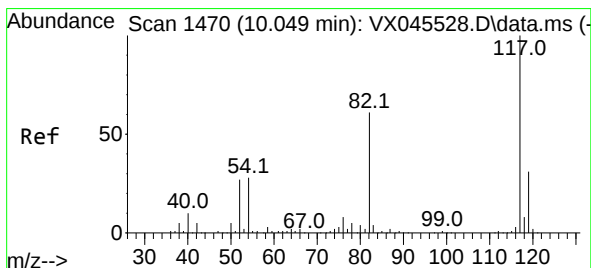
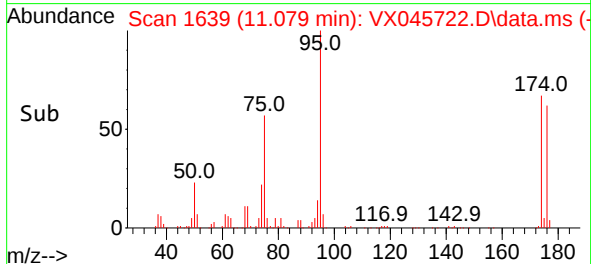
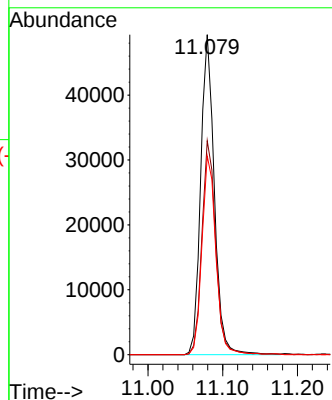
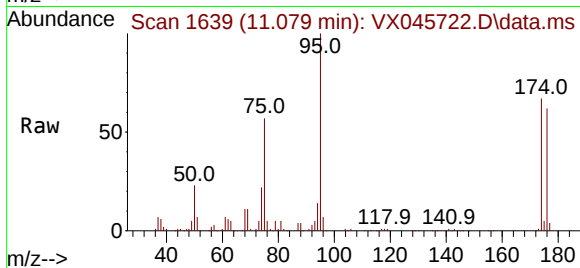




#62
4-Bromofluorobenzene
Concen: 53.614 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045722.D
Acq: 11 Apr 2025 07:28

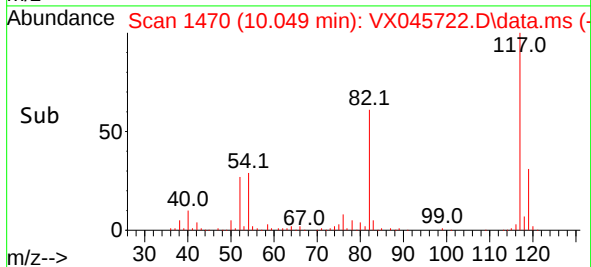
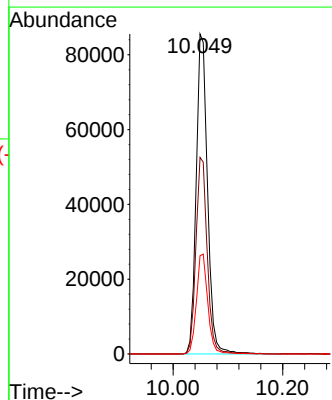
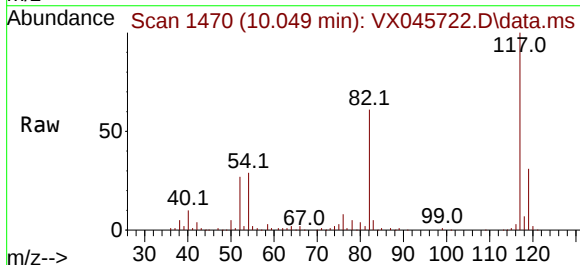
Instrument :
MSVOA_X
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TP-3

Tgt Ion: 95 Resp: 62533
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 63.4 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: VX045722.D
Acq: 11 Apr 2025 07:28

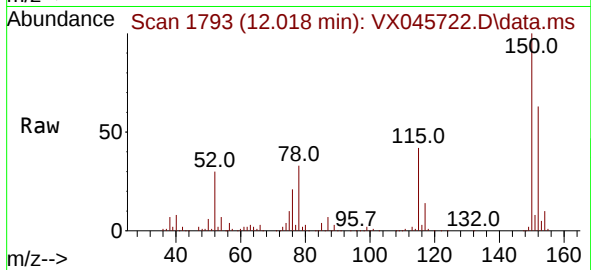
Tgt Ion: 117 Resp: 123415
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 30.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045722.D
 Acq: 11 Apr 2025 07:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3



Tgt Ion:152	Resp:	49897
Ion	Ratio	Lower Upper
152	100	
115	68.0	46.9 140.7
150	162.5	0.0 349.4

