

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045725.D
 Acq On : 11 Apr 2025 08:37
 Operator : JC/MD
 Sample : Q1756-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9

Quant Time: Apr 11 09:13:27 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)

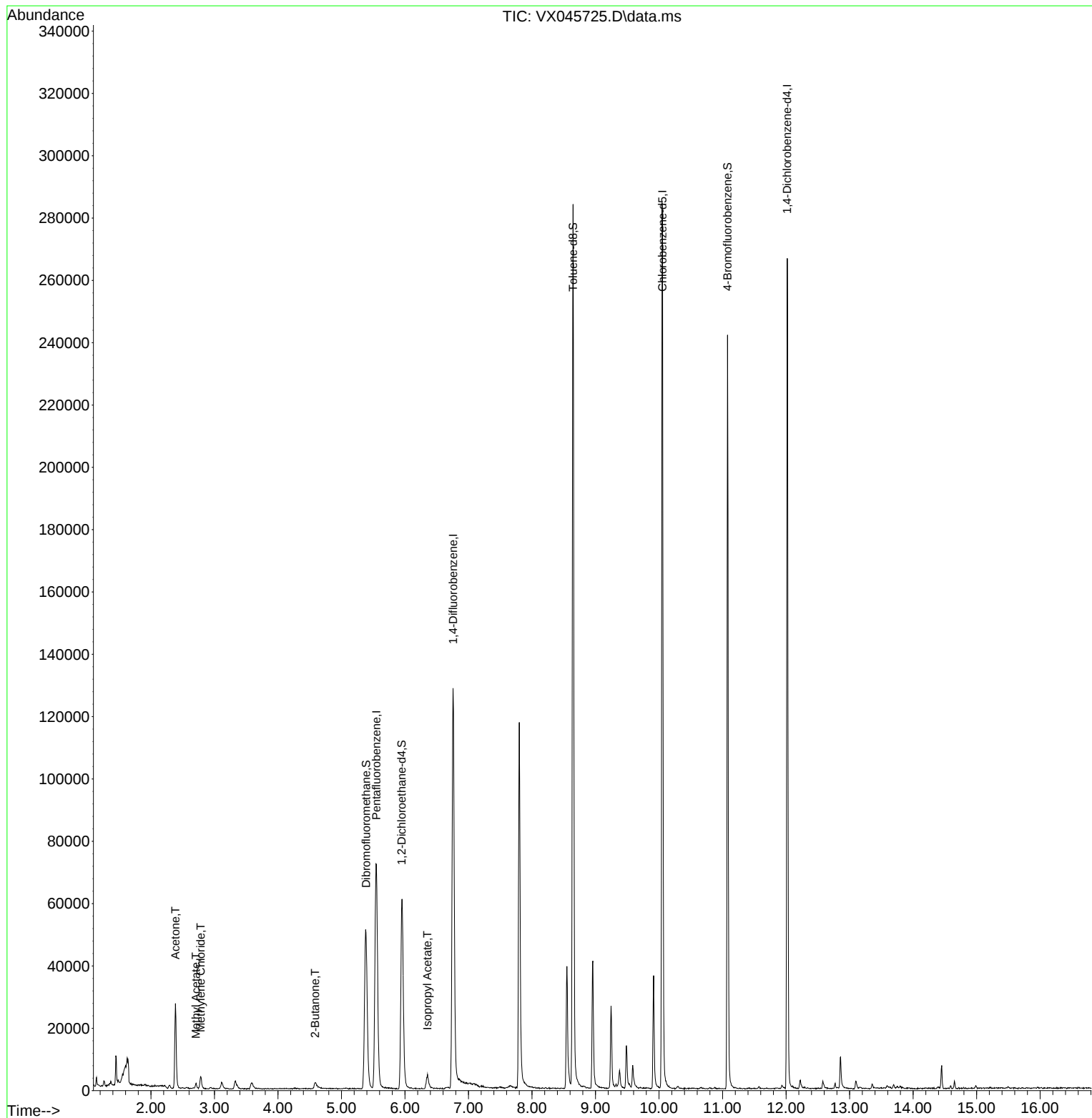
Internal Standards						
1) Pentafluorobenzene	5.550	168	63005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63442	55.062	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.120%	
35) Dibromofluoromethane	5.385	113	45057	51.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.720%	
50) Toluene-d8	8.647	98	158975	52.422	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	11.079	95	60636	54.893	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	29540	62.436	ug/l	96
18) Methyl Acetate	2.709	43	2255	2.070	ug/l	92
20) Methylene Chloride	2.782	84	1900	2.145	ug/l #	84
25) 2-Butanone	4.587	43	4650	6.714	ug/l	92
43) Isopropyl Acetate	6.355	43	6189	2.762	ug/l #	91

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

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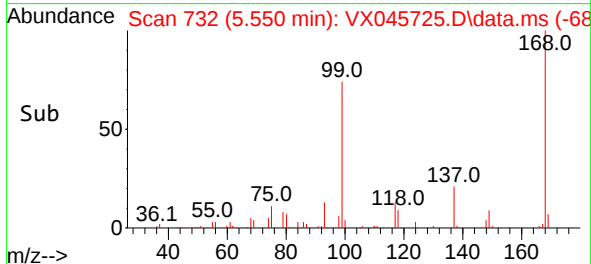
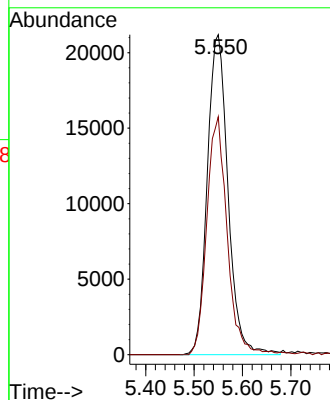
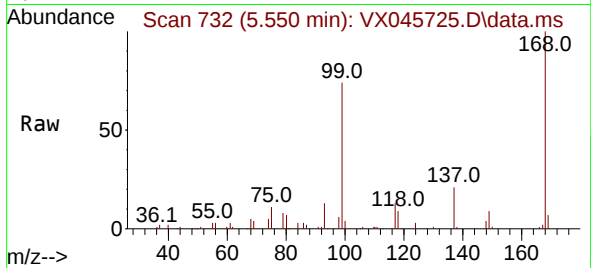




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

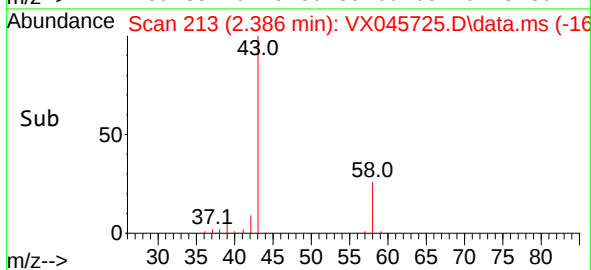
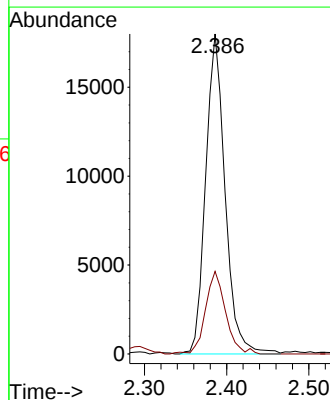
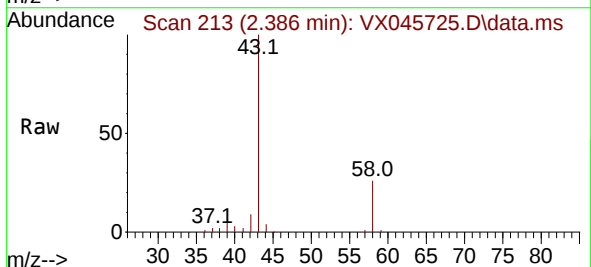
Instrument :
MSVOA_X
ClientSampleId :
TP-9

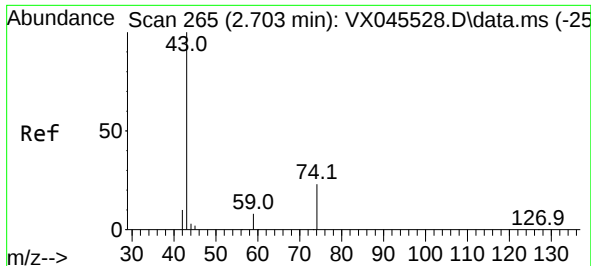
Tgt Ion:168 Resp: 63005
Ion Ratio Lower Upper
168 100
99 74.4 52.3 78.5



#16
Acetone
Concen: 62.436 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

Tgt Ion: 43 Resp: 29540
Ion Ratio Lower Upper
43 100
58 25.8 22.3 33.5

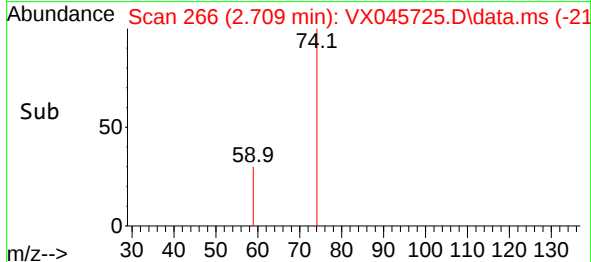
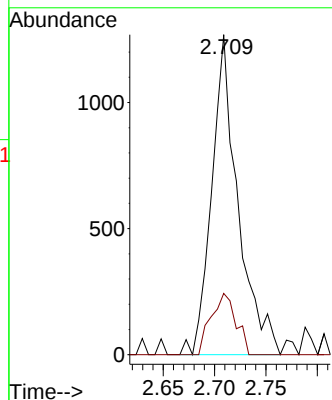
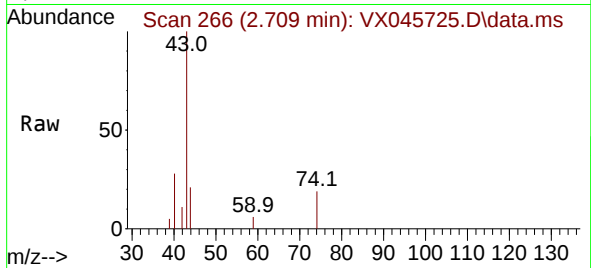




#18
Methyl Acetate
Concen: 2.070 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

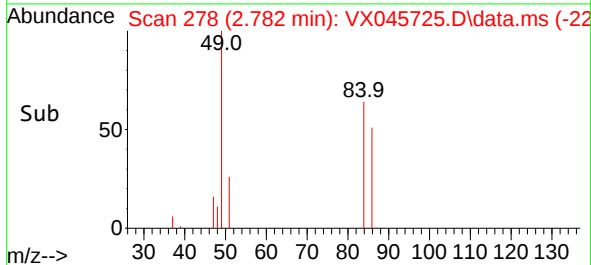
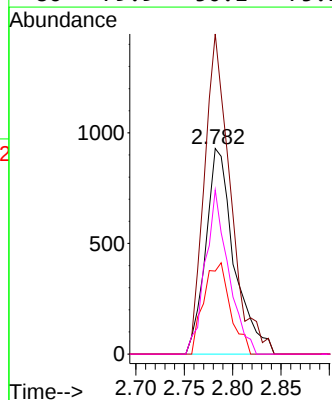
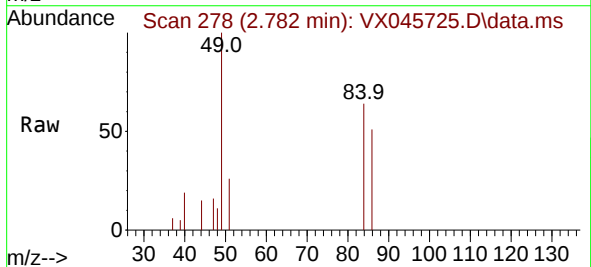
Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
74 18.2 17.5 26.3



#20
Methylene Chloride
Concen: 2.145 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

Tgt Ion: 84 Resp: 1900
Ion Ratio Lower Upper
84 100
49 155.8 107.5 161.3
51 40.4 33.0 49.6
86 79.9 50.1 75.1#

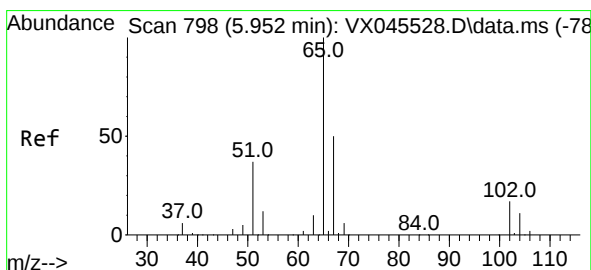
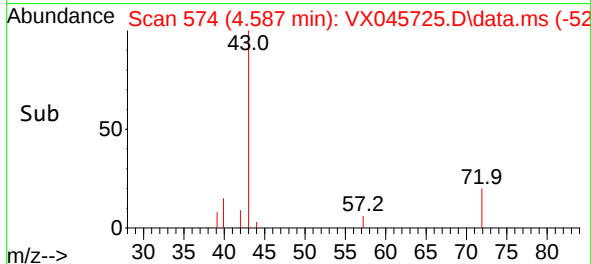
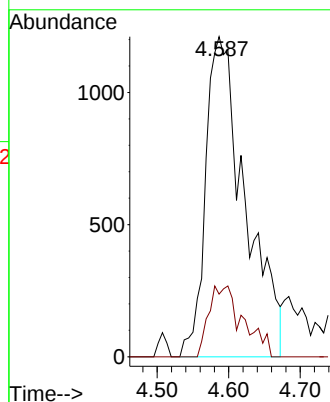
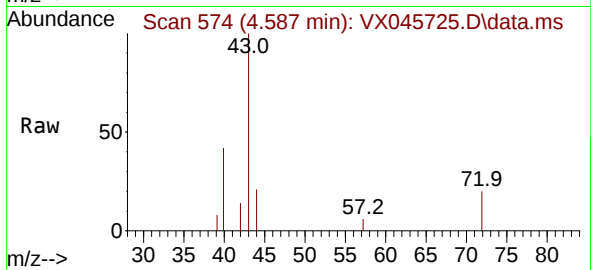




#25
2-Butanone
Concen: 6.714 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

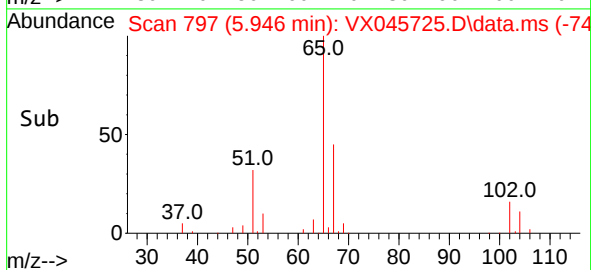
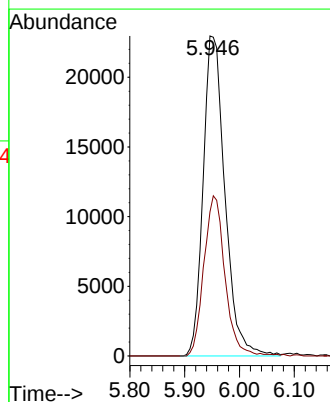
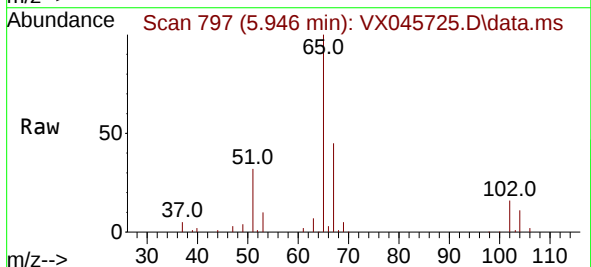
Instrument :
MSVOA_X
ClientSampleId :
TP-9

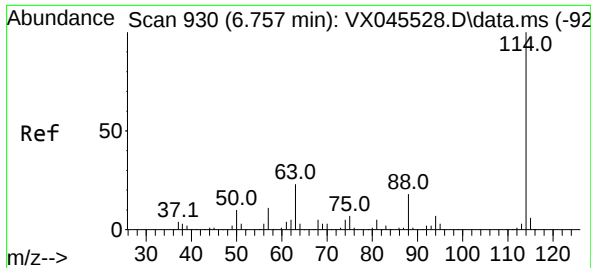
Tgt Ion: 43 Resp: 4650
Ion Ratio Lower Upper
43 100
72 19.6 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 55.062 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

Tgt Ion: 65 Resp: 63442
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

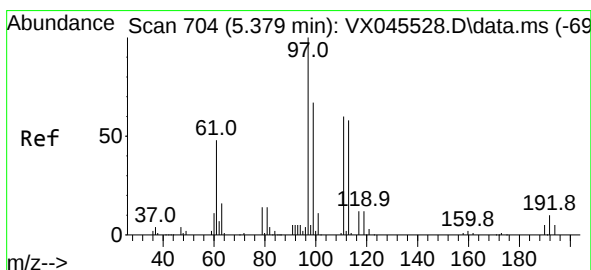
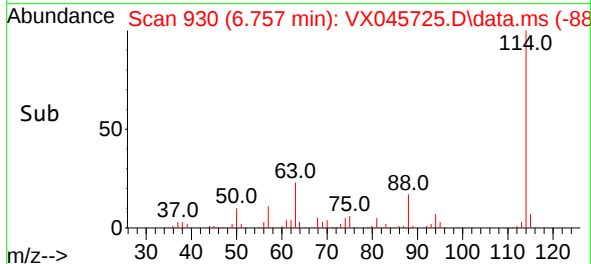
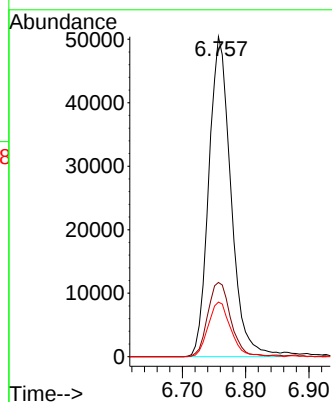
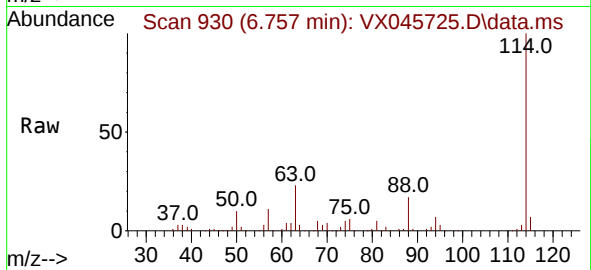




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

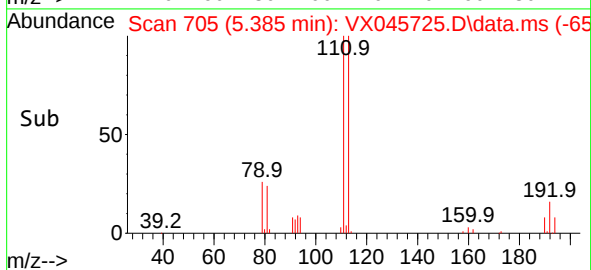
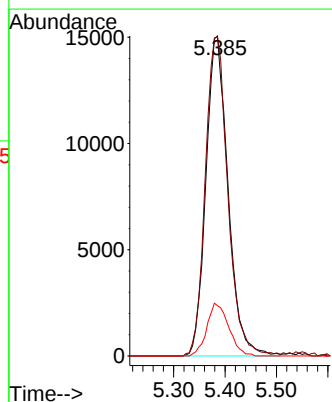
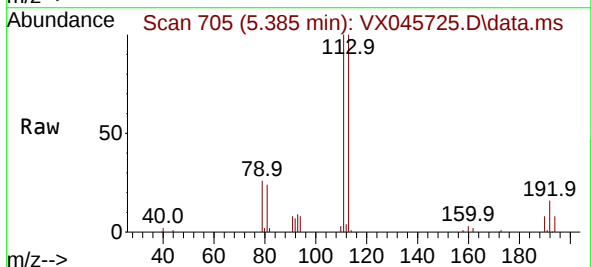
Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tgt Ion:114 Resp: 122458
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.859 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

Tgt Ion:113 Resp: 45057
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 16.2 13.8 20.6

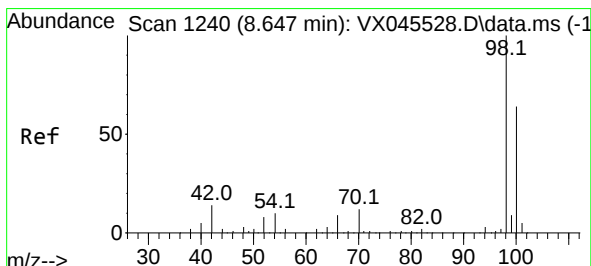
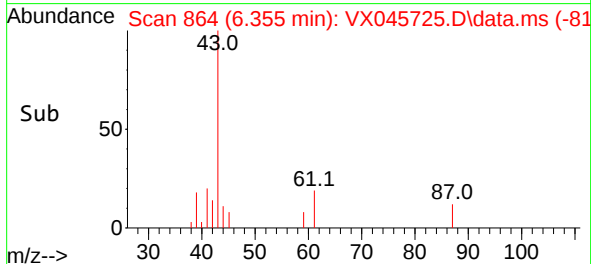
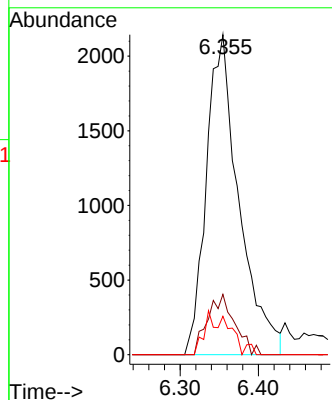
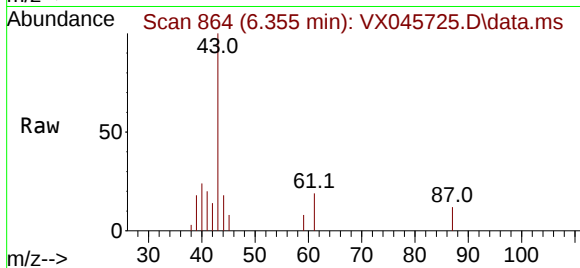




#43
Isopropyl Acetate
Concen: 2.762 ug/l
RT: 6.355 min Scan# 861
Delta R.T. 0.018 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

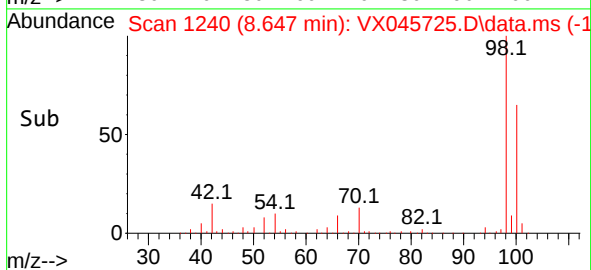
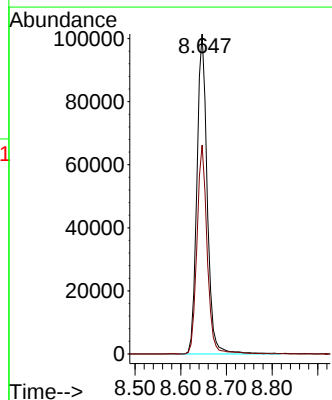
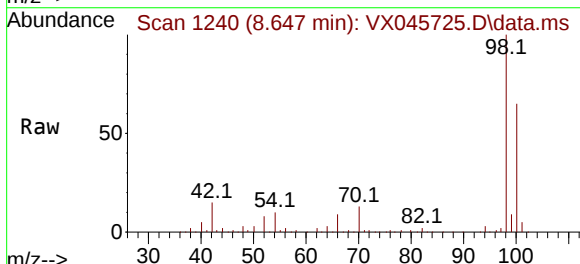
Instrument :
MSVOA_X
ClientSampleId :
TP-9

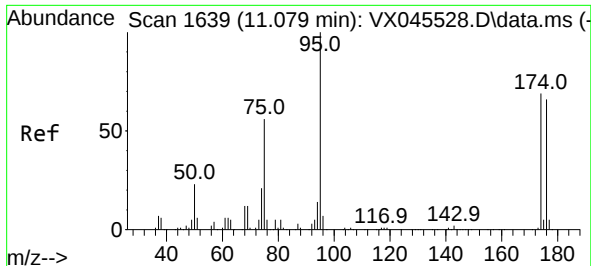
Tgt Ion: 43 Resp: 6189
Ion Ratio Lower Upper
43 100
61 15.7 14.1 21.1
87 5.2 9.2 13.8#



#50
Toluene-d8
Concen: 52.422 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

Tgt Ion: 98 Resp: 158975
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

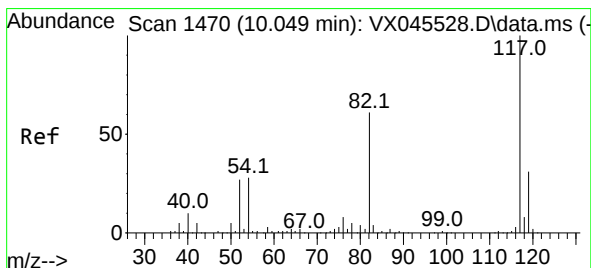
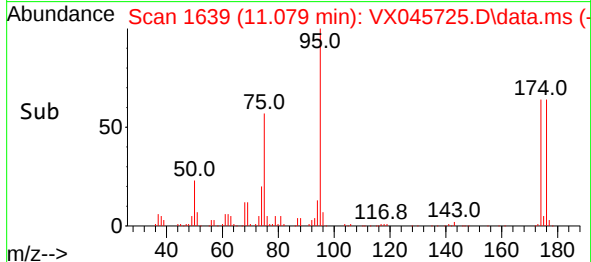
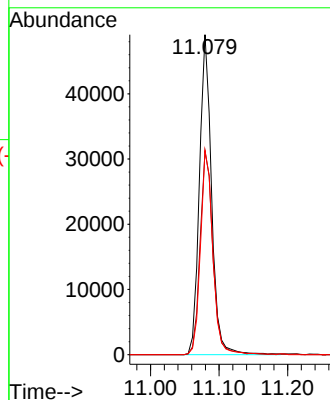
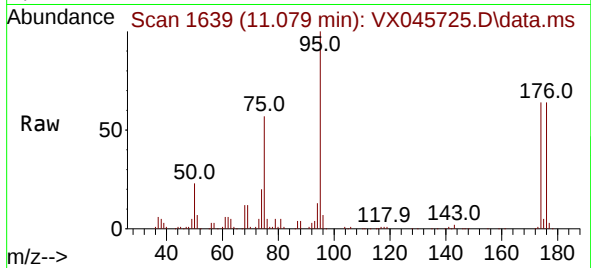




#62
4-Bromofluorobenzene
Concen: 54.893 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

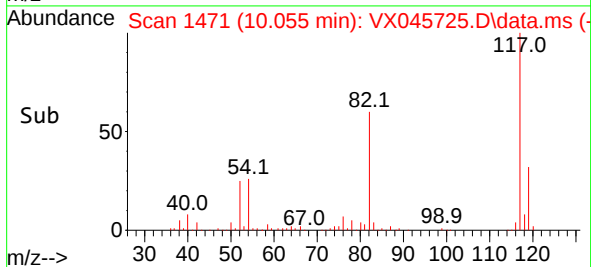
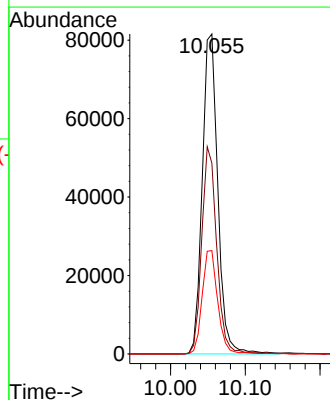
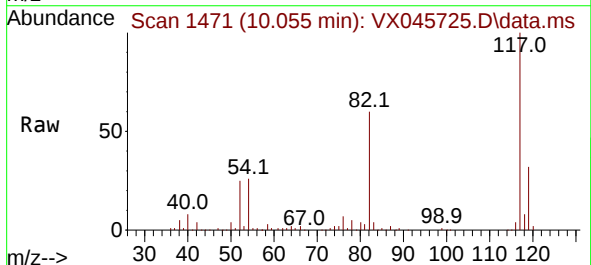
Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tgt Ion: 95 Resp: 60636
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 65.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045725.D
Acq: 11 Apr 2025 08:37

Tgt Ion: 117 Resp: 117911
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 32.3 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: VX045725.D

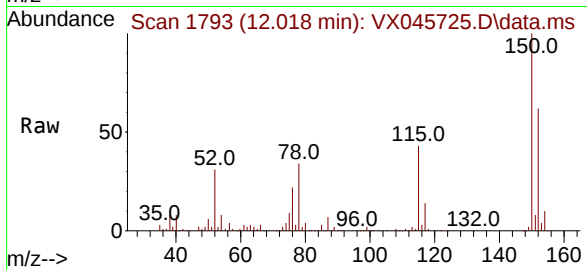
Acq: 11 Apr 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

TP-9



Tgt Ion:152 Resp: 49124

Ion Ratio Lower Upper

152 100

115 66.5 46.9 140.7

150 159.4 0.0 349.4

