

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045832.D
 Acq On : 17 Apr 2025 16:42
 Operator : JC/MD
 Sample : Q1818-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3651

Quant Time: Apr 18 03:41:16 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)

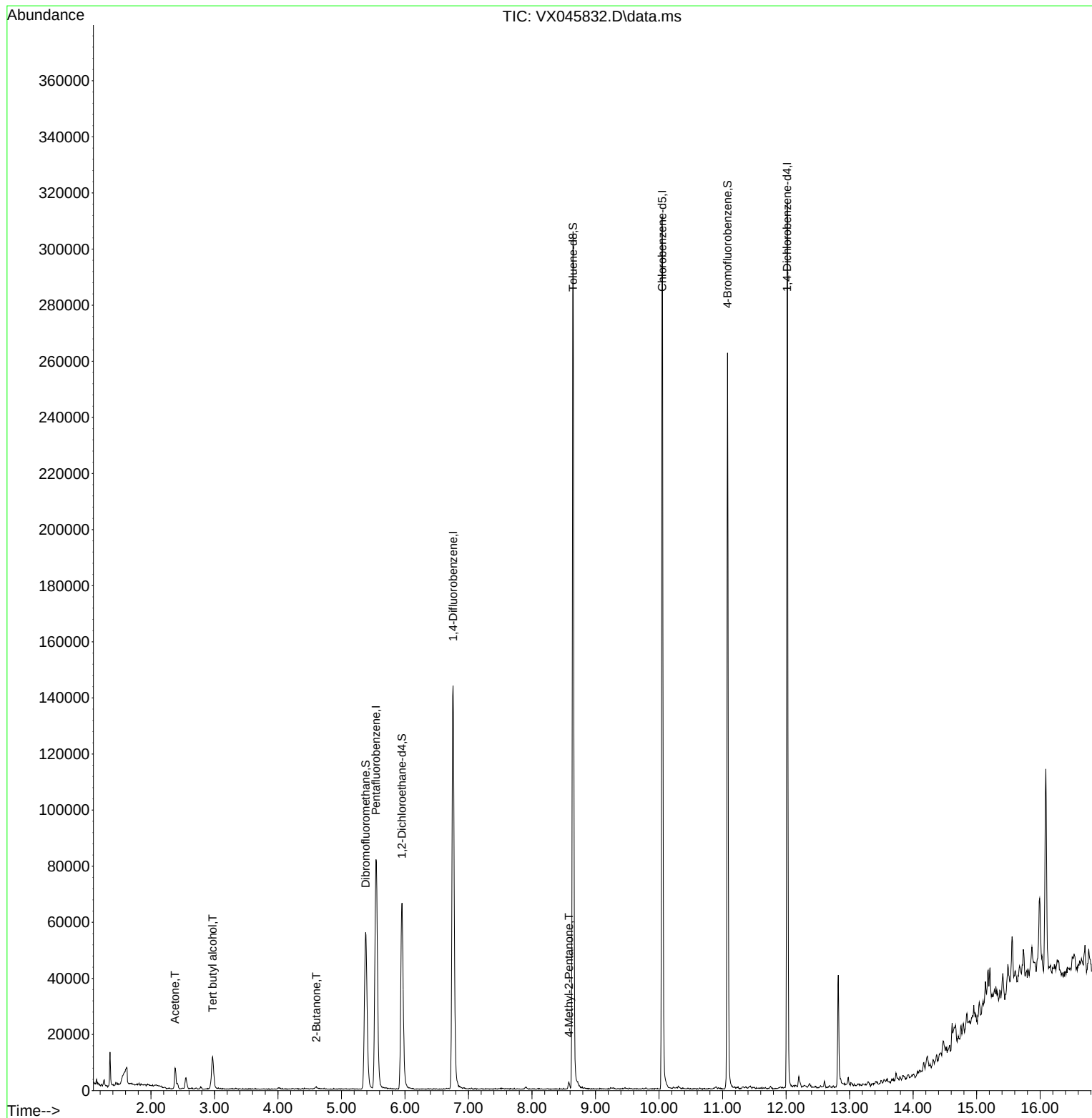
Internal Standards						
1) Pentafluorobenzene	5.544	168	70744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68297	52.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.580%
35) Dibromofluoromethane	5.379	113	48860	49.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	8.647	98	173852	50.056	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.120%
62) 4-Bromofluorobenzene	11.079	95	66564	52.616	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.240%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	12926	74.345	ug/l	99
16) Acetone	2.380	43	8440	15.887	ug/l	99
25) 2-Butanone	4.605	43	1133	1.457	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	1634	0.961	ug/l	98

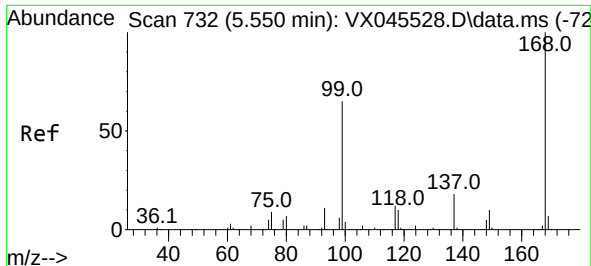
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
Data File : VX045832.D
Acq On : 17 Apr 2025 16:42
Operator : JC/MD
Sample : Q1818-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
3651

Quant Time: Apr 18 03:41:16 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

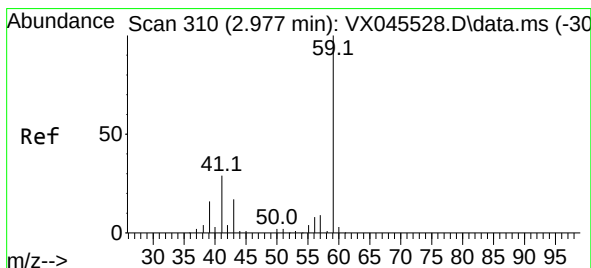
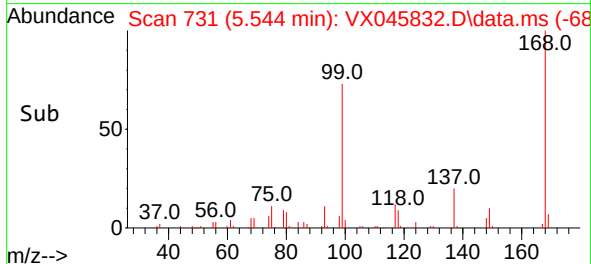
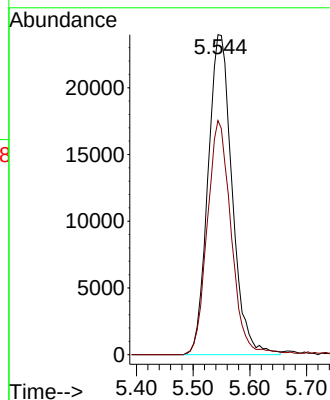
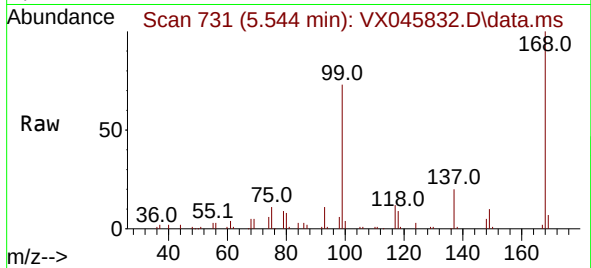




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045832.D
Acq: 17 Apr 2025 16:42

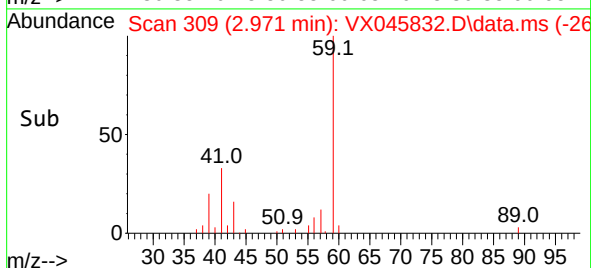
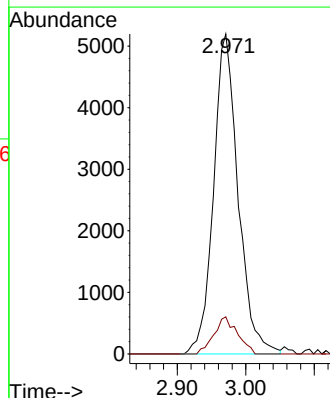
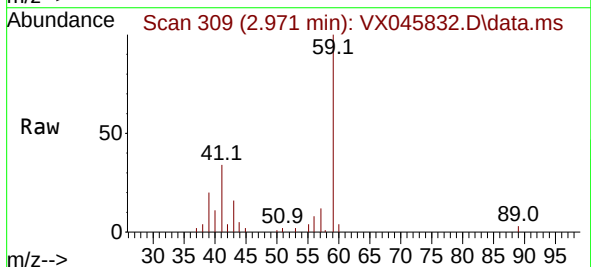
Instrument :
MSVOA_X
ClientSampleId :
3651

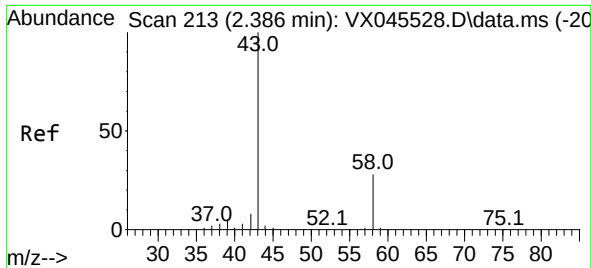
Tgt Ion:168 Resp: 70744
Ion Ratio Lower Upper
168 100
99 73.2 52.3 78.5



#11
Tert butyl alcohol
Concen: 74.345 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045832.D
Acq: 17 Apr 2025 16:42

Tgt Ion: 59 Resp: 12926
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

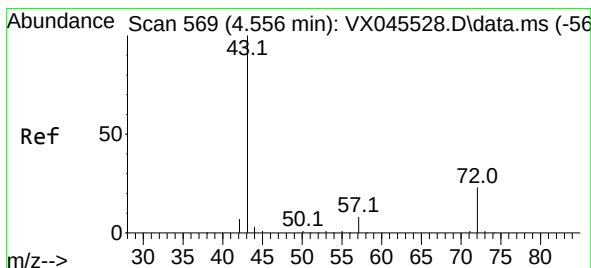
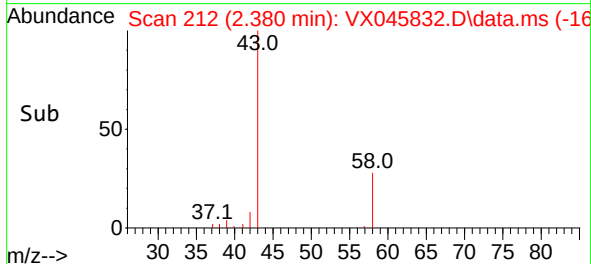
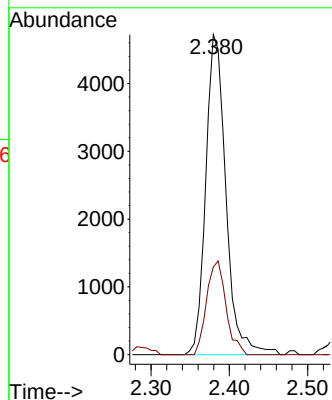
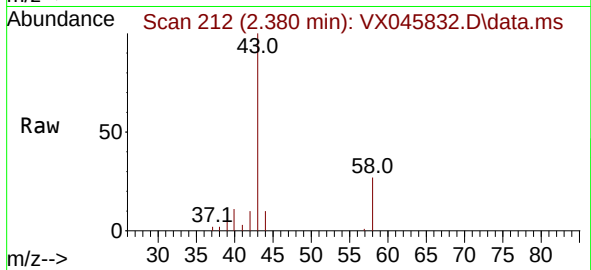




#16
Acetone
Concen: 15.887 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045832.D
Acq: 17 Apr 2025 16:42

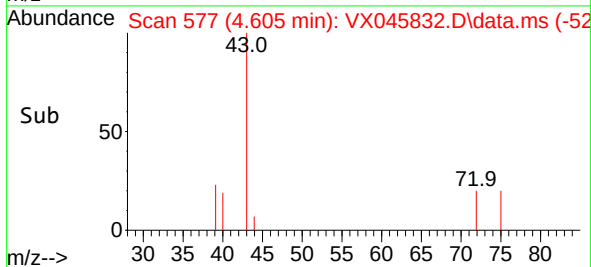
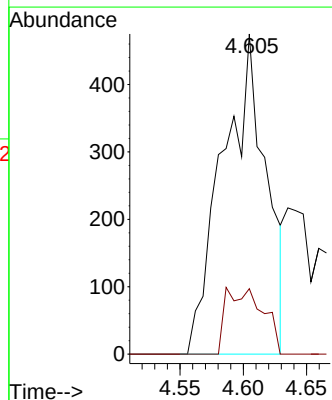
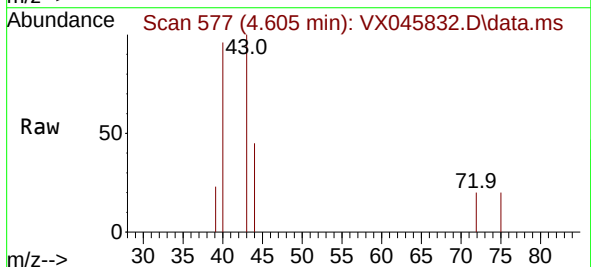
Instrument :
MSVOA_X
ClientSampleId :
3651

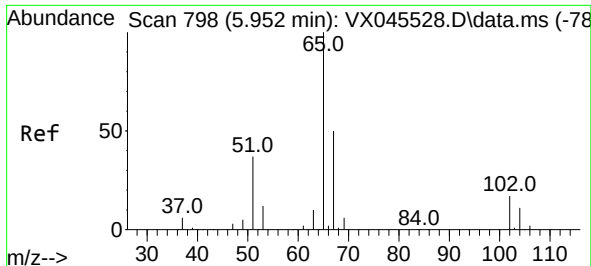
Tgt Ion: 43 Resp: 8440
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5



#25
2-Butanone
Concen: 1.457 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.049 min
Lab File: VX045832.D
Acq: 17 Apr 2025 16:42

Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
72 20.4 18.6 28.0





#33

1,2-Dichloroethane-d4

Concen: 52.791 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045832.D

Acq: 17 Apr 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

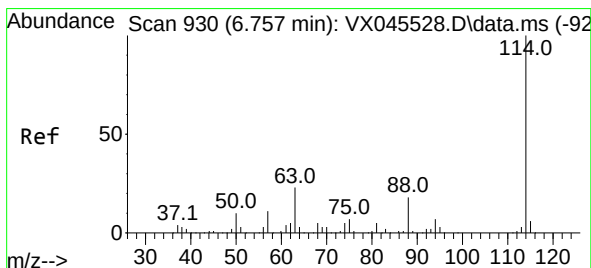
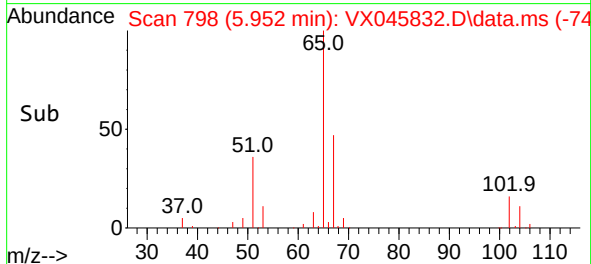
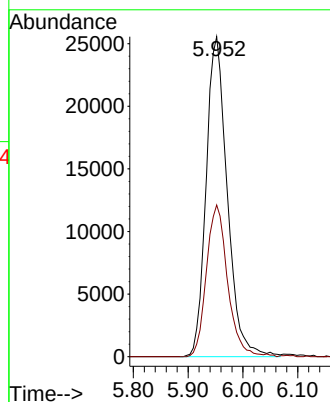
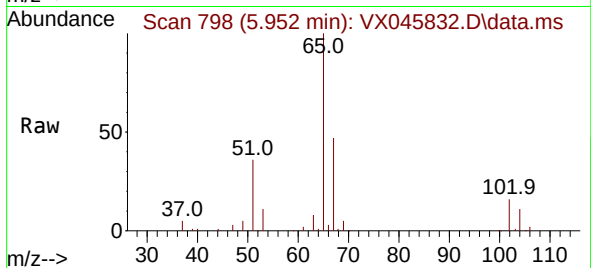
3651

Tgt Ion: 65 Resp: 68297

Ion Ratio Lower Upper

65 100

67 47.5 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: VX045832.D

Acq: 17 Apr 2025 16:42

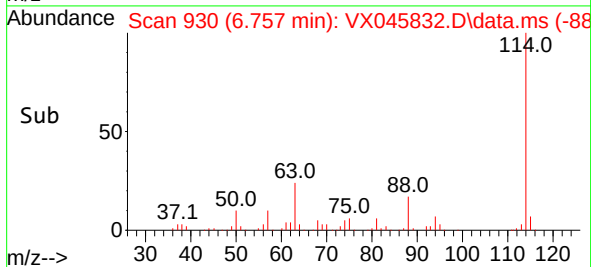
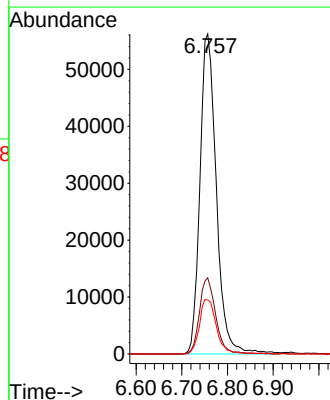
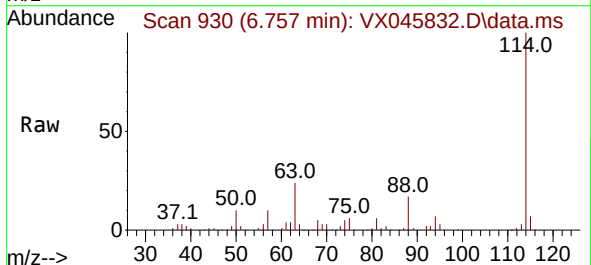
Tgt Ion: 114 Resp: 140247

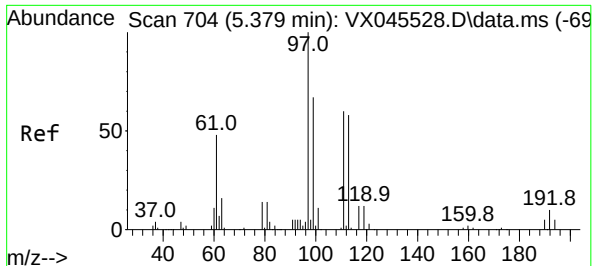
Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.8

88 16.9 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.103 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045832.D

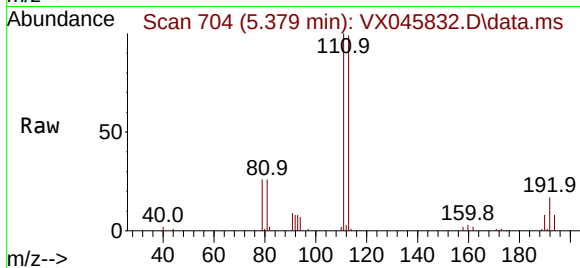
Acq: 17 Apr 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

3651



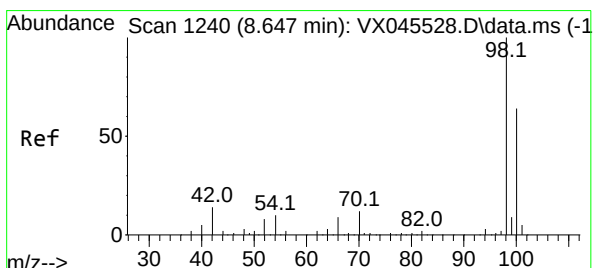
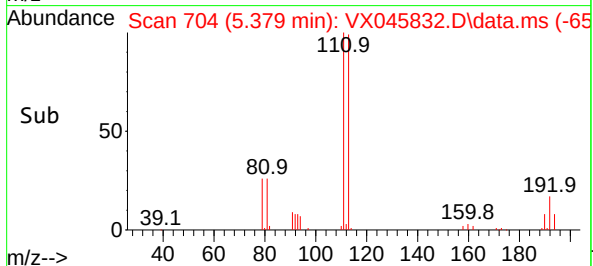
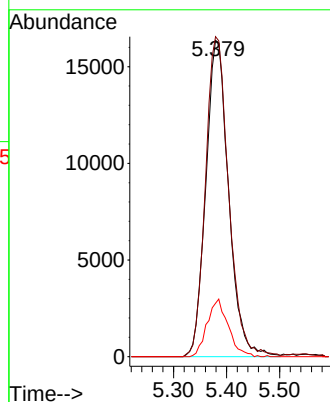
Tgt Ion:113 Resp: 48860

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 16.8 13.8 20.6



#50

Toluene-d8

Concen: 50.056 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045832.D

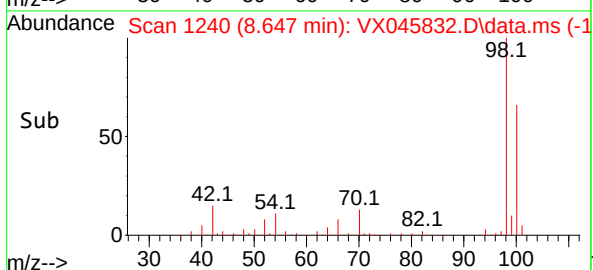
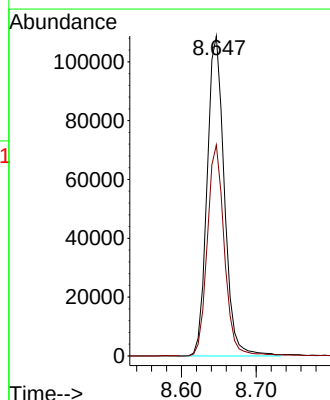
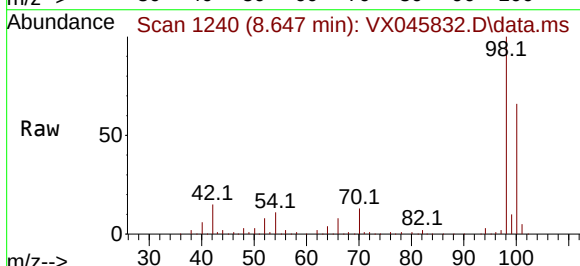
Acq: 17 Apr 2025 16:42

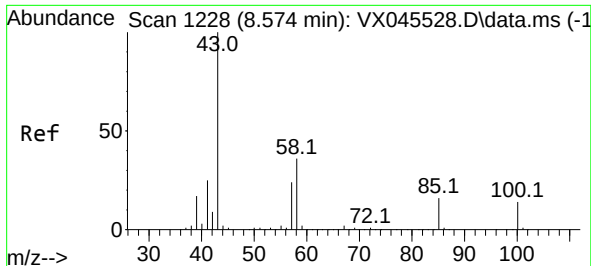
Tgt Ion: 98 Resp: 173852

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

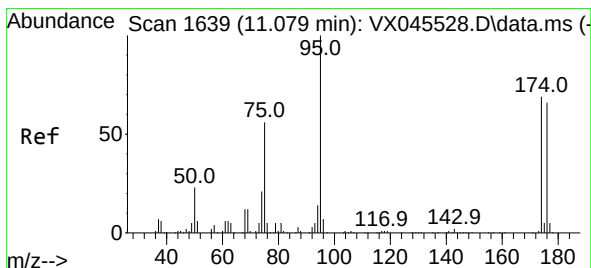
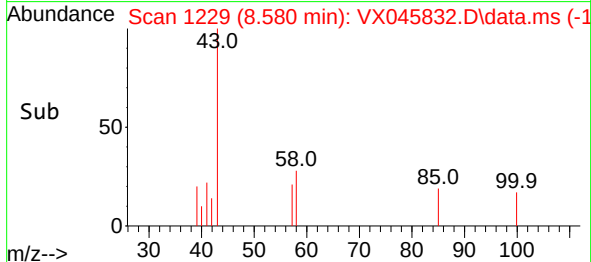
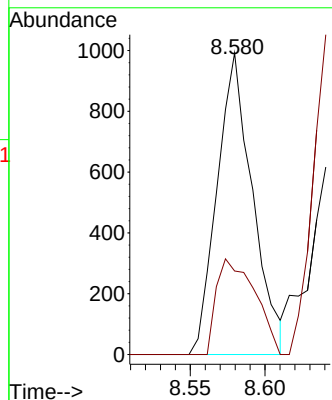
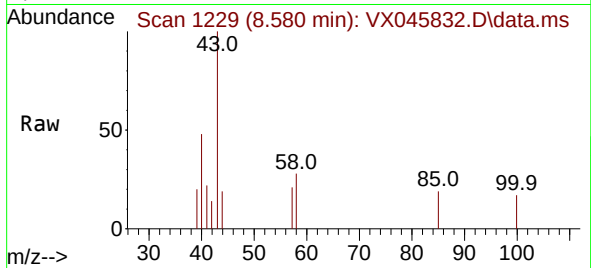




#51
4-Methyl-2-Pentanone
Concen: 0.961 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045832.D
Acq: 17 Apr 2025 16:42

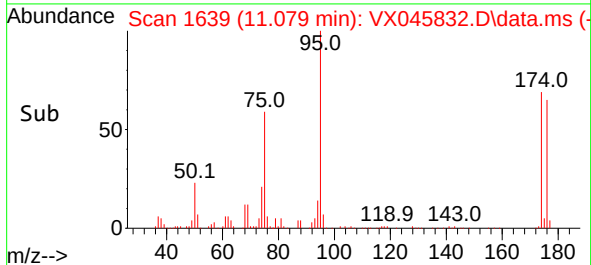
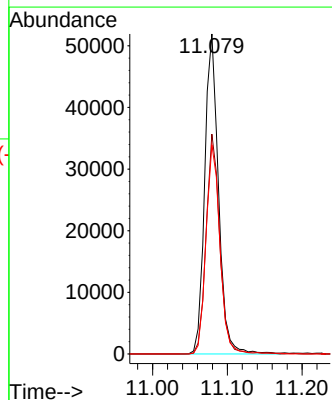
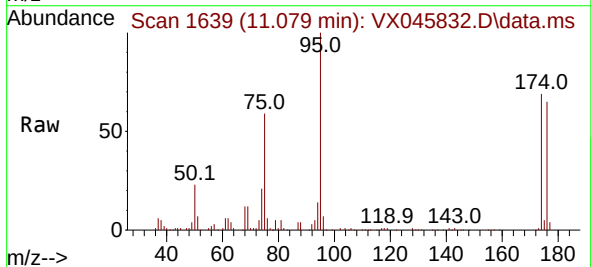
Instrument :
MSVOA_X
ClientSampleId :
3651

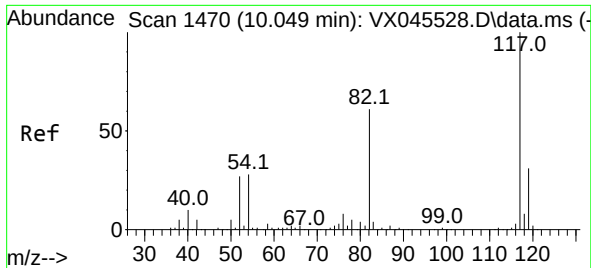
Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 34.6 28.5 42.7



#62
4-Bromofluorobenzene
Concen: 52.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045832.D
Acq: 17 Apr 2025 16:42

Tgt Ion: 95 Resp: 66564
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 66.1 0.0 131.4

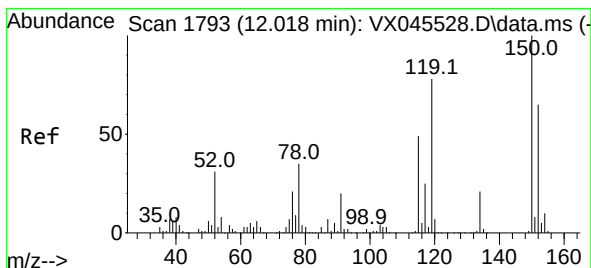
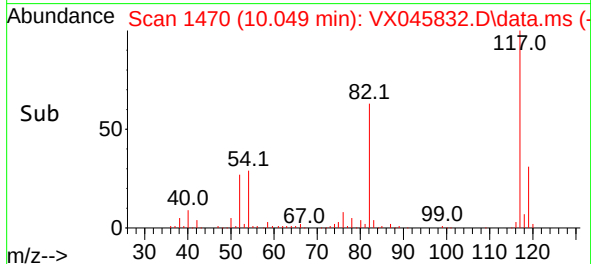
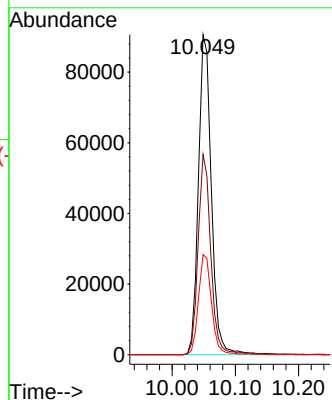
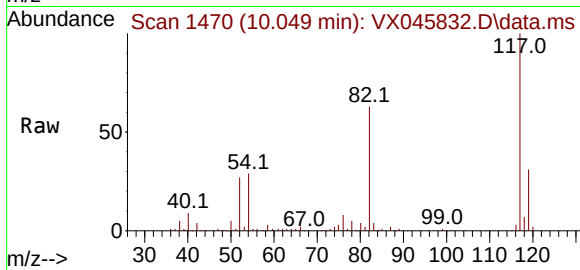




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045832.D
Acq: 17 Apr 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
3651

Tgt Ion:117 Resp: 129445
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 31.3 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: VX045832.D
Acq: 17 Apr 2025 16:42

Tgt Ion:152 Resp: 55581
Ion Ratio Lower Upper
152 100
115 68.5 46.9 140.7
150 160.9 0.0 349.4

