

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045835.D
 Acq On : 17 Apr 2025 17:49
 Operator : JC/MD
 Sample : Q1818-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3828

Quant Time: Apr 18 03:42:23 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)

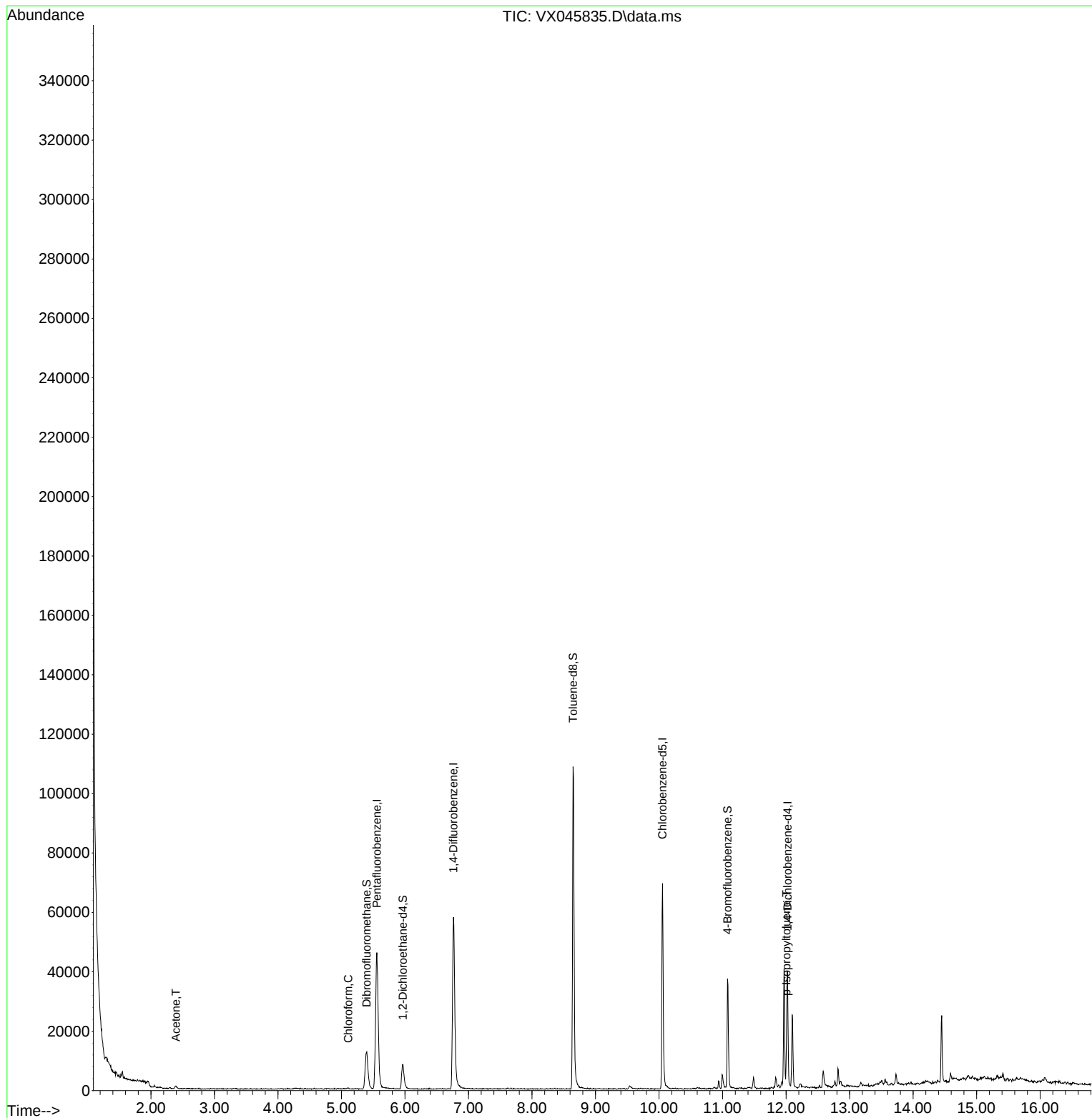
Internal Standards						
1) Pentafluorobenzene	5.556	168	39688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	58306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	31029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	7323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	9102	12.541	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	25.080%#
35) Dibromofluoromethane	5.397	113	11773	28.459	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	56.920%#
50) Toluene-d8	8.647	98	66246	45.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.760%
62) 4-Bromofluorobenzene	11.079	95	10681	20.308	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	40.620%#
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1272	4.268	ug/l	93
30) Chloroform	5.105	83	353	0.341	ug/l #	76
86) p-Isopropyltoluene	12.006	119	4107	8.446	ug/l	98

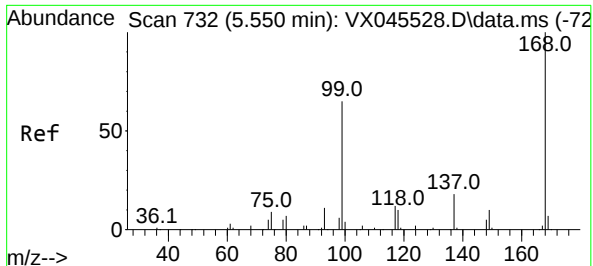
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
Data File : VX045835.D
Acq On : 17 Apr 2025 17:49
Operator : JC/MD
Sample : Q1818-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
3828

Quant Time: Apr 18 03:42:23 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

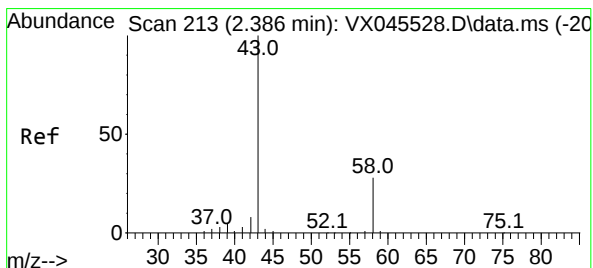
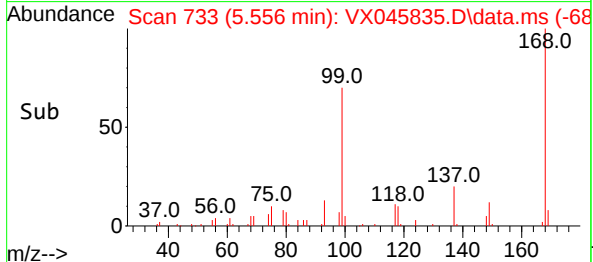
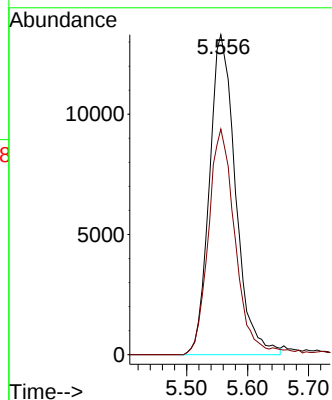
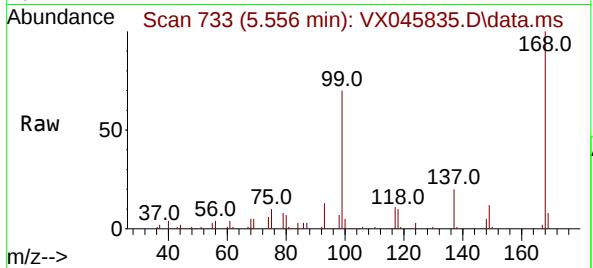




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

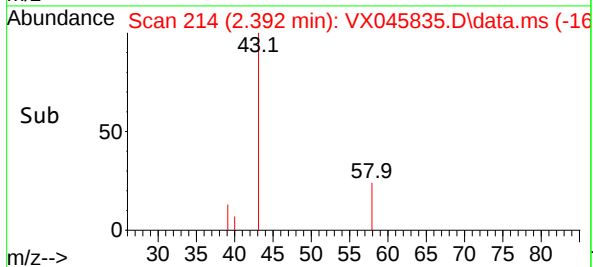
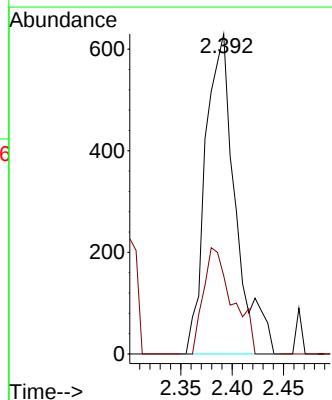
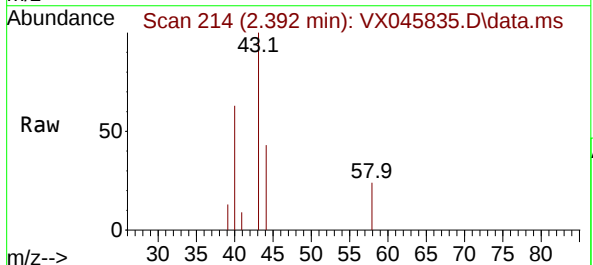
Instrument :
MSVOA_X
ClientSampleId :
3828

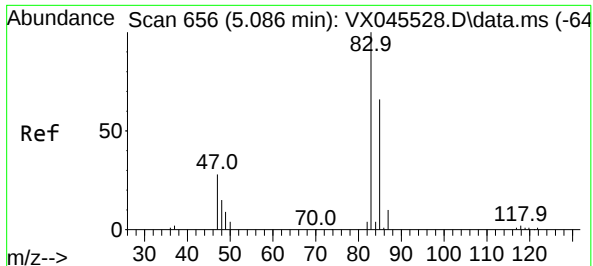
Tgt Ion:168 Resp: 39688
Ion Ratio Lower Upper
168 100
99 70.5 52.3 78.5



#16
Acetone
Concen: 4.268 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 24.4 22.3 33.5





#30

Chloroform

Concen: 0.341 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX045835.D

Acq: 17 Apr 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

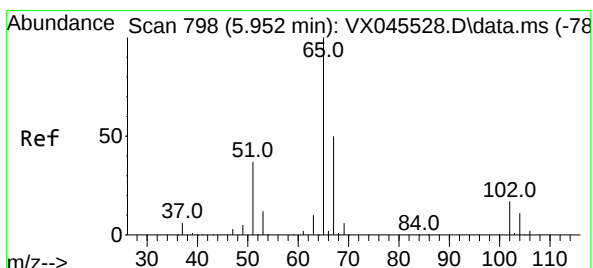
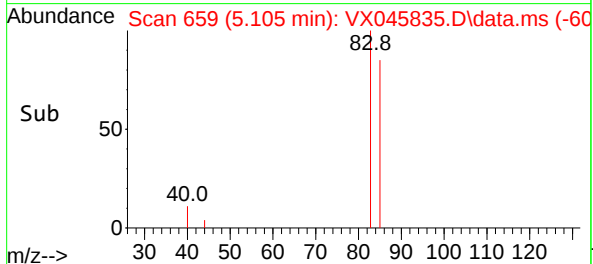
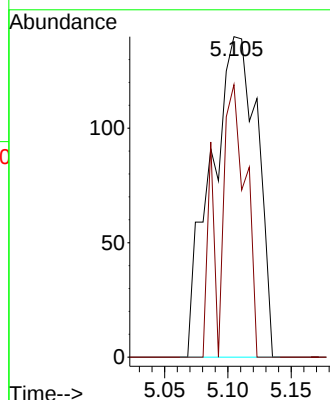
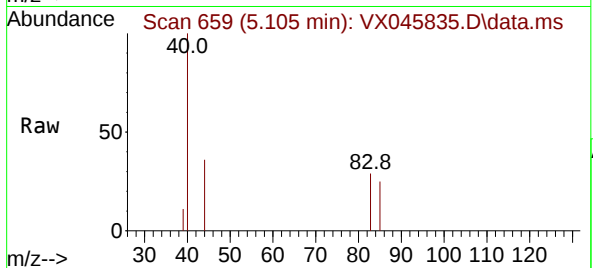
3828

Tgt Ion: 83 Resp: 353

Ion Ratio Lower Upper

83 100

85 85.0 52.8 79.2#



#33

1,2-Dichloroethane-d4

Concen: 12.541 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX045835.D

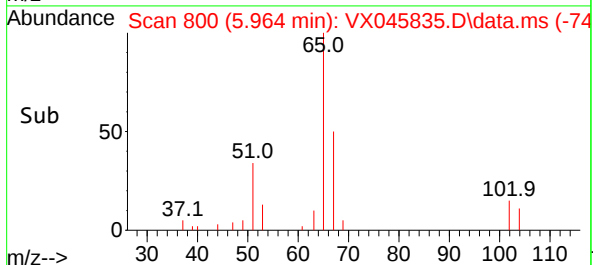
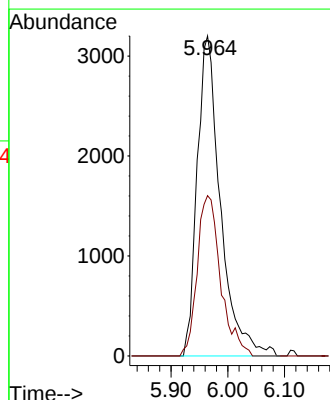
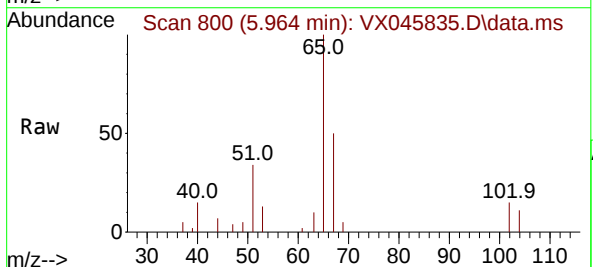
Acq: 17 Apr 2025 17:49

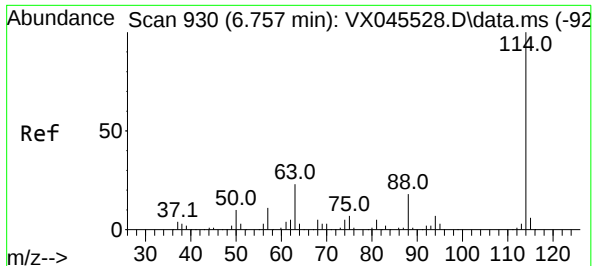
Tgt Ion: 65 Resp: 9102

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX045835.D

Acq: 17 Apr 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

3828

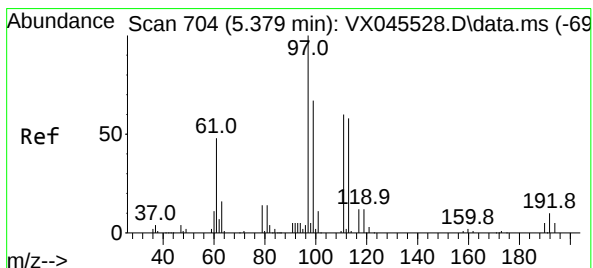
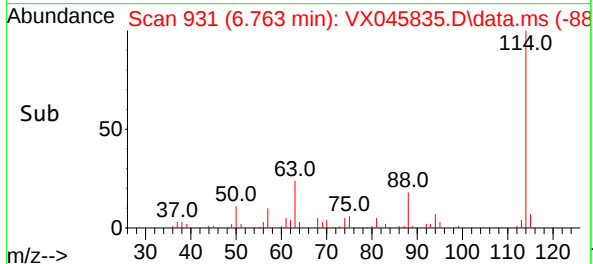
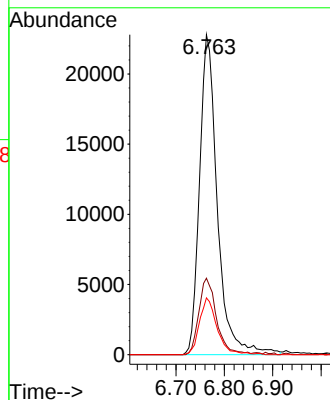
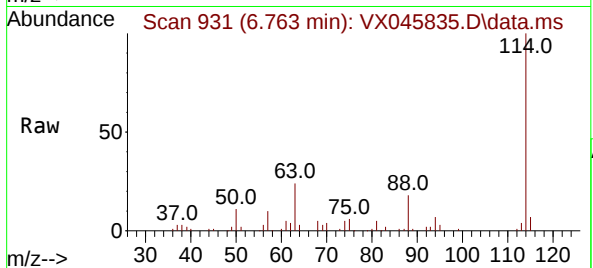
Tgt Ion:114 Resp: 58306

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 17.8 0.0 35.4



#35

Dibromofluoromethane

Concen: 28.459 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.018 min

Lab File: VX045835.D

Acq: 17 Apr 2025 17:49

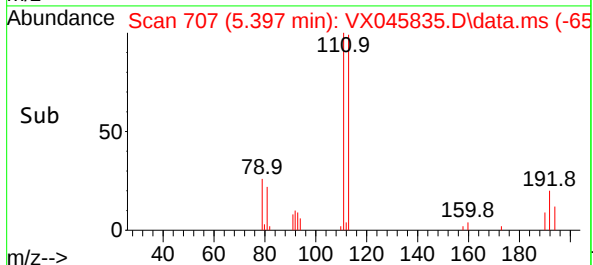
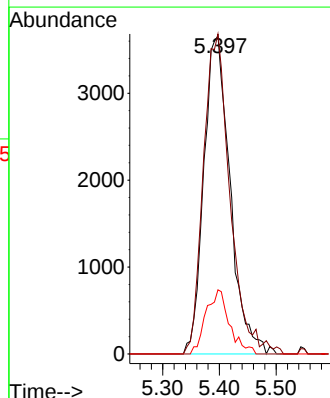
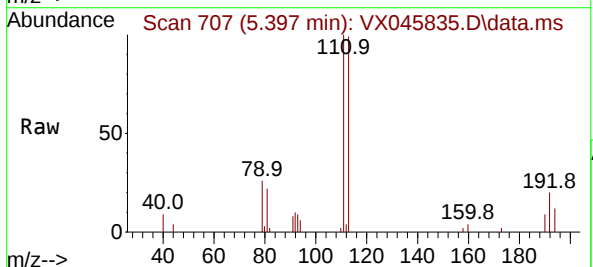
Tgt Ion:113 Resp: 11773

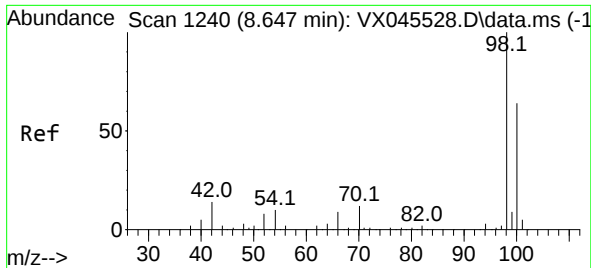
Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.6

192 18.1 13.8 20.6

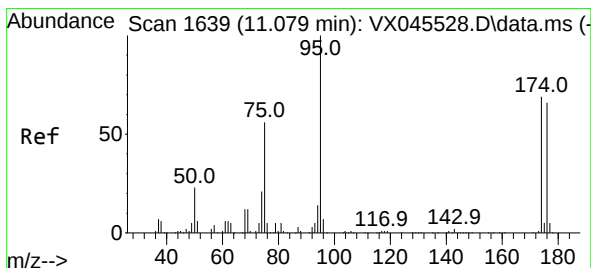
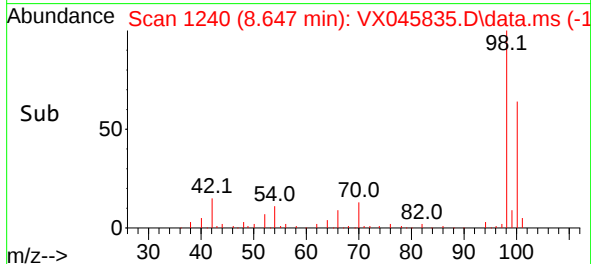
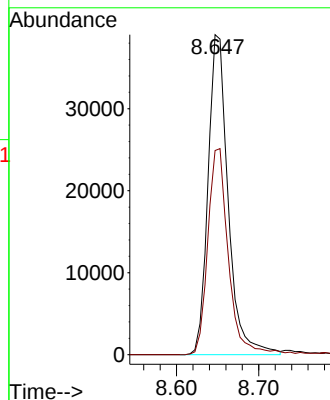
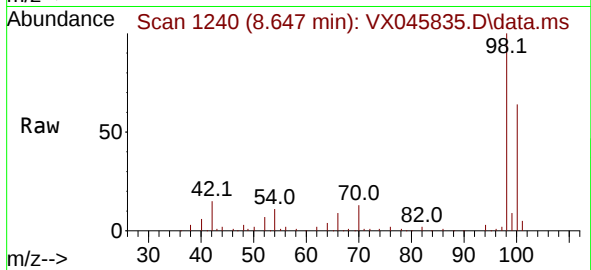




#50
Toluene-d8
Concen: 45.880 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

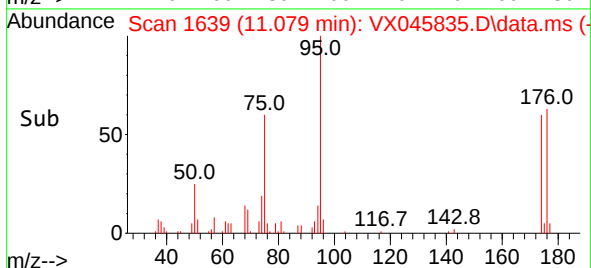
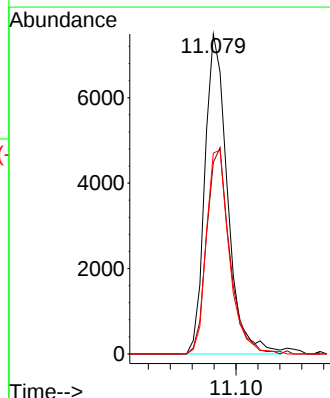
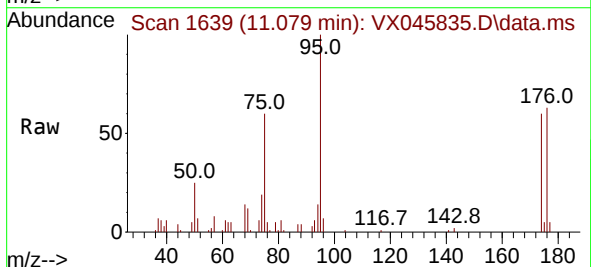
Instrument :
MSVOA_X
ClientSampleId :
3828

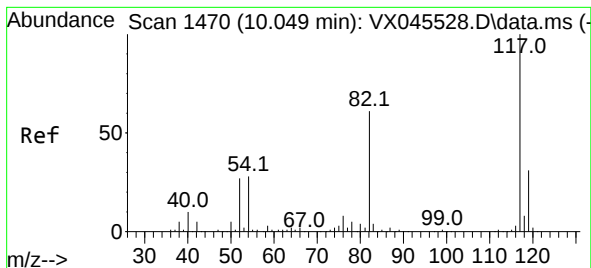
Tgt Ion: 98 Resp: 66246
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 20.308 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion: 95 Resp: 10681
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 65.1 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045835.D

Acq: 17 Apr 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

3828

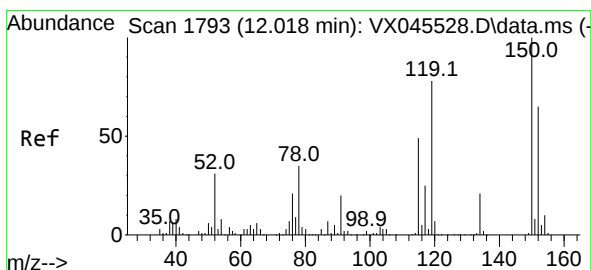
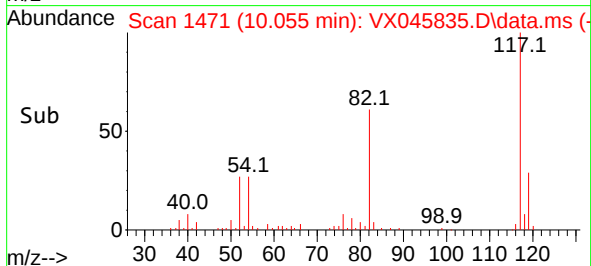
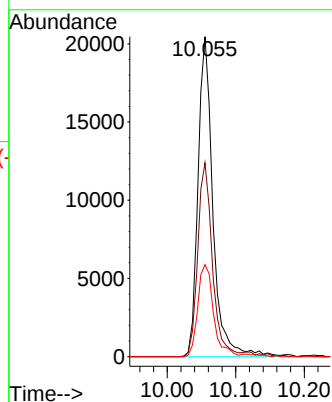
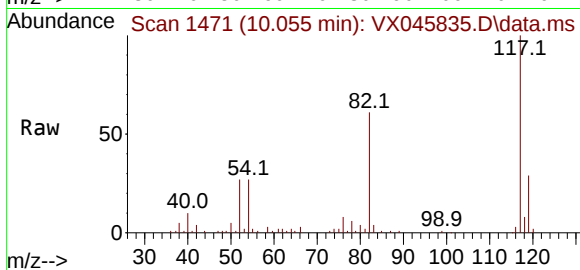
Tgt Ion:117 Resp: 31029

Ion Ratio Lower Upper

117 100

82 60.6 49.2 73.8

119 28.7 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX045835.D

Acq: 17 Apr 2025 17:49

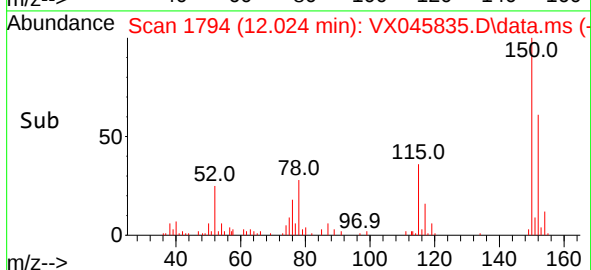
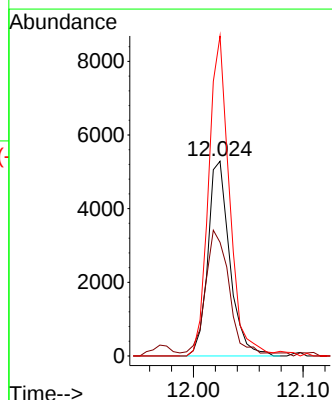
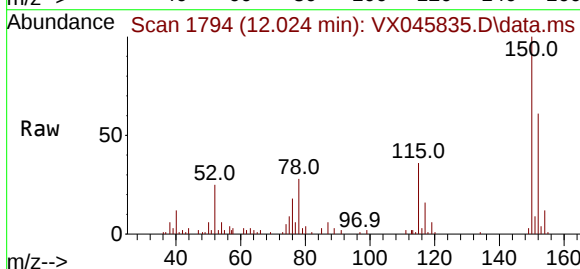
Tgt Ion:152 Resp: 7323

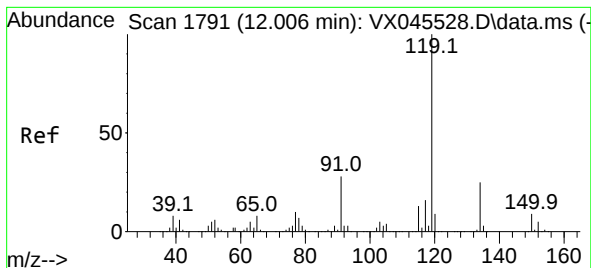
Ion Ratio Lower Upper

152 100

115 71.4 46.9 140.7

150 156.5 0.0 349.4





#86

p-Isopropyltoluene

Concen: 8.446 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045835.D

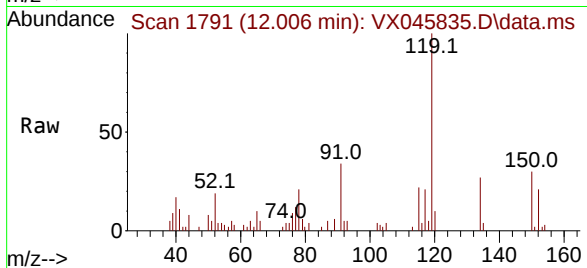
Acq: 17 Apr 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

3828



Tgt Ion:	119	Resp:	4107
Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.6	37.8
91	27.9	13.7	41.1

