

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045836.D
 Acq On : 17 Apr 2025 18:10
 Operator : JC/MD
 Sample : Q1818-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3829

Quant Time: Apr 18 03:42:46 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)

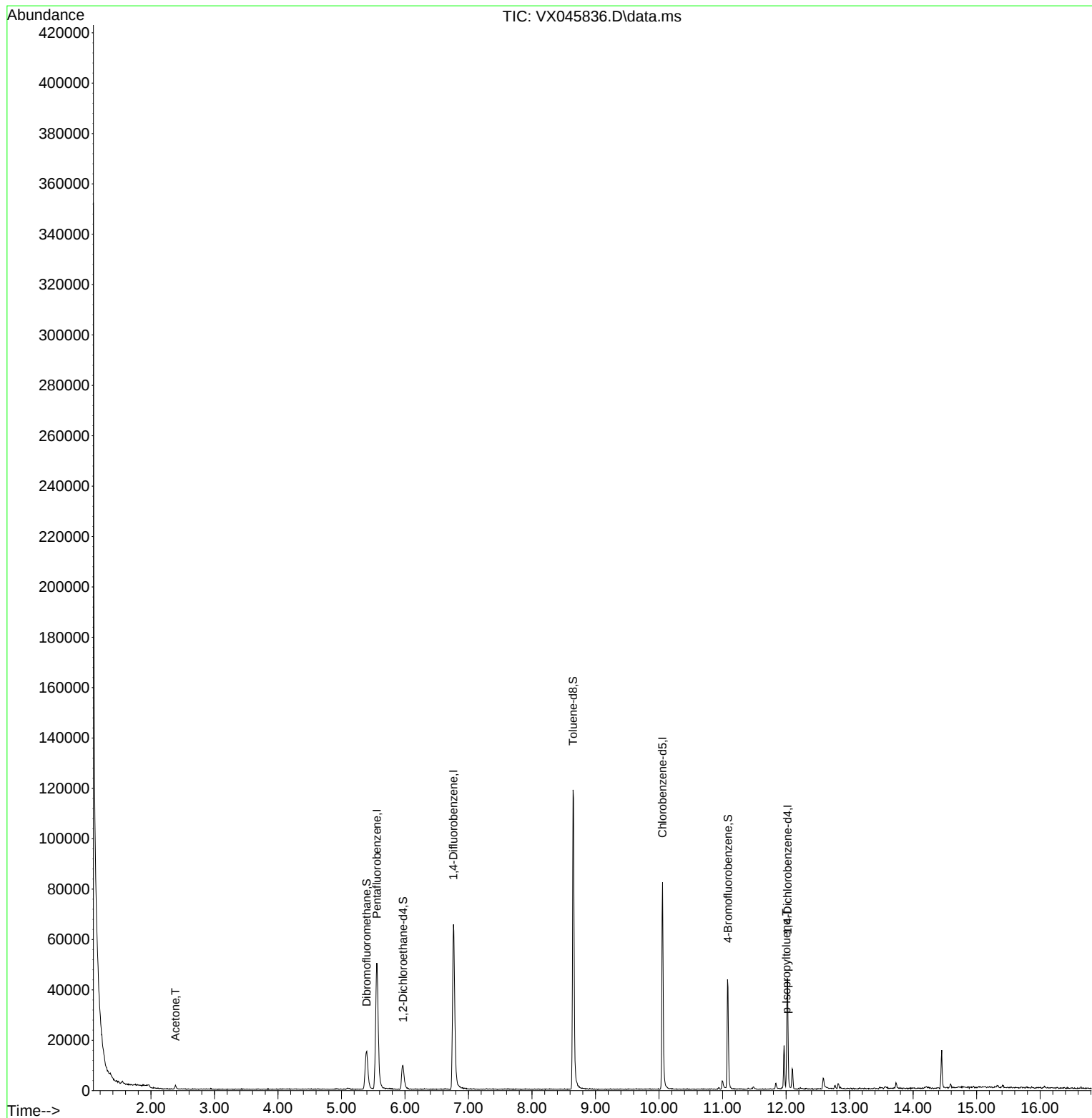
Internal Standards						
1) Pentafluorobenzene	5.556	168	44056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	66478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	35454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	8726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	10974	13.621	ug/l	0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	27.240%#
35) Dibromofluoromethane	5.397	113	14012	29.708	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	59.420%#
50) Toluene-d8	8.647	98	73327	44.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	11.085	95	13156	21.939	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	43.880%#
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1872	5.658	ug/l	97
86) p-Isopropyltoluene	12.006	119	1657	2.860	ug/l	93

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

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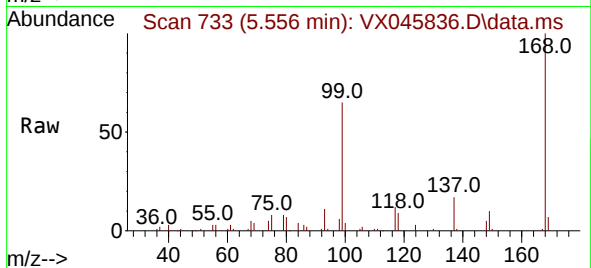
Quant Time: Apr 18 03:42:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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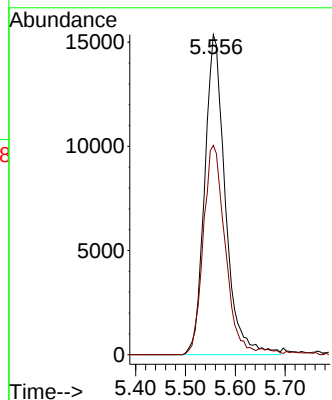
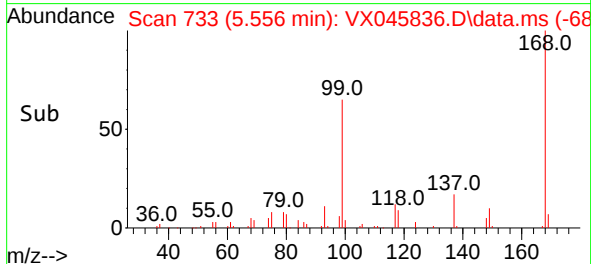


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045836.D
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Instrument :
MSVOA_X
ClientSampleId :
3829

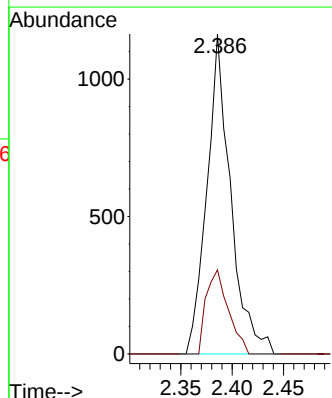
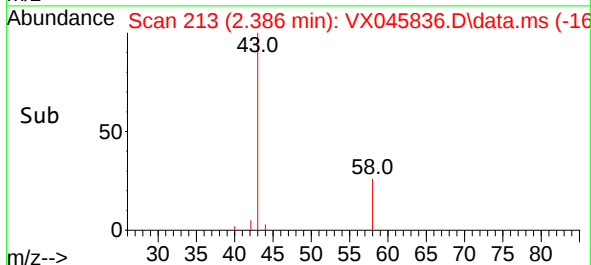
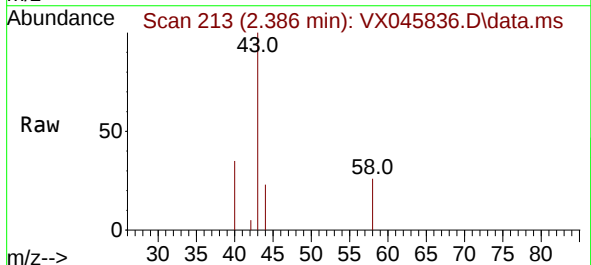


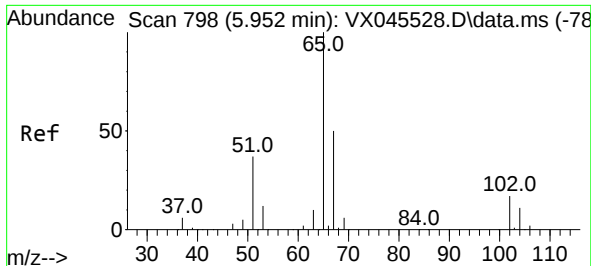
Tgt Ion:168 Resp: 44056
Ion Ratio Lower Upper
168 100
99 65.4 52.3 78.5



#16
Acetone
Concen: 5.658 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 26.3 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 13.621 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.018 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

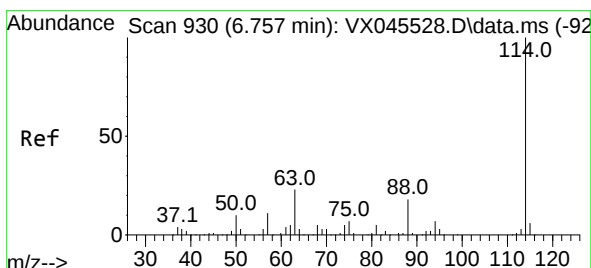
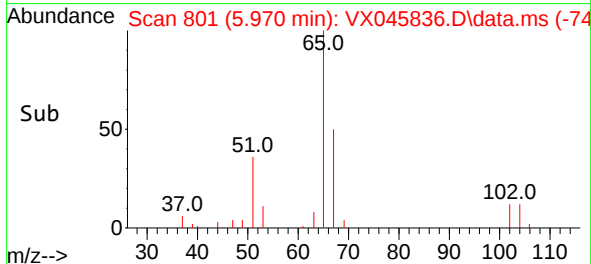
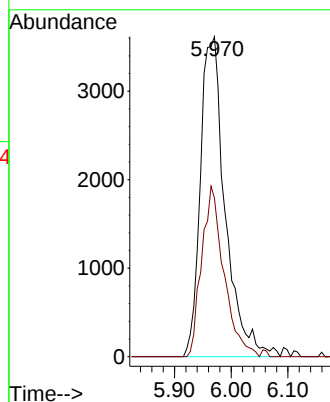
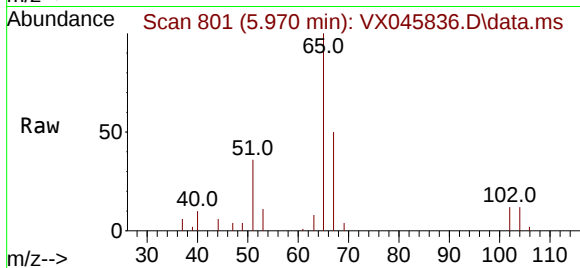
3829

Tgt Ion: 65 Resp: 10974

Ion Ratio Lower Upper

65 100

67 47.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

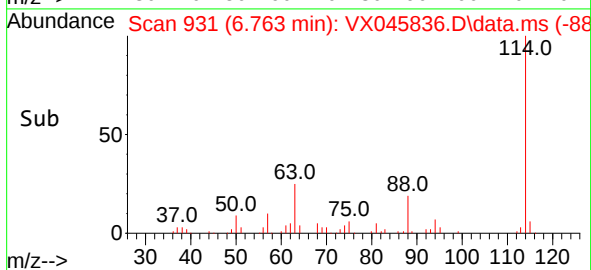
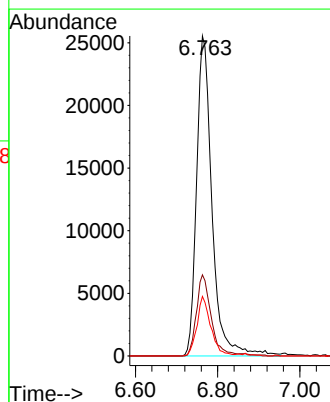
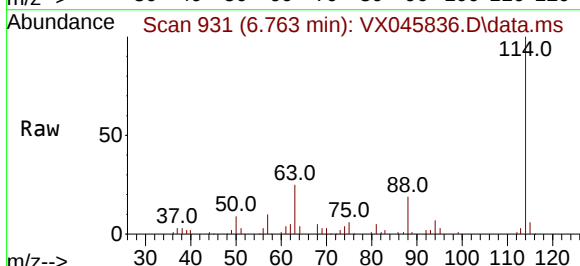
Tgt Ion: 114 Resp: 66478

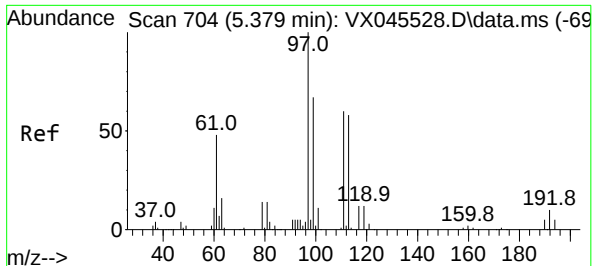
Ion Ratio Lower Upper

114 100

63 25.4 0.0 46.8

88 18.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 29.708 ug/l

RT: 5.397 min Scan# 704

Delta R.T. 0.018 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

3829

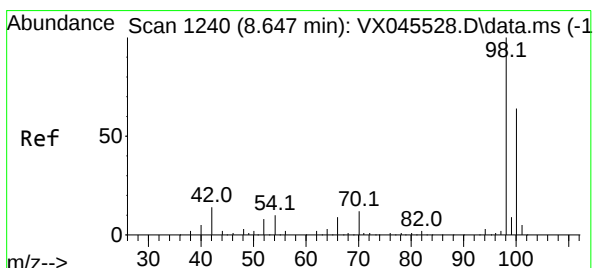
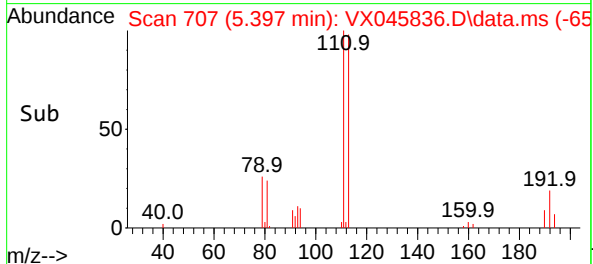
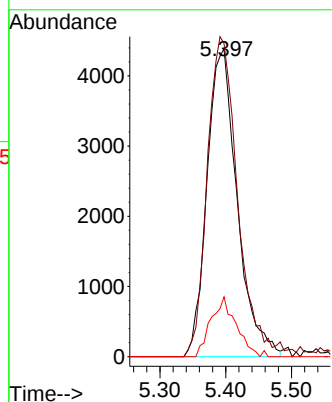
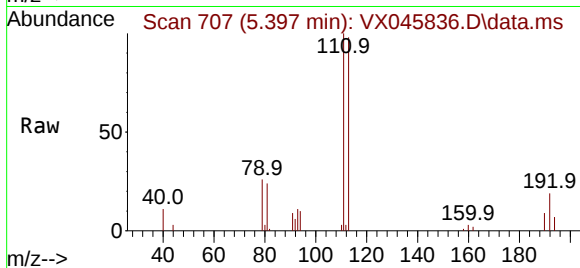
Tgt Ion:113 Resp: 14012

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.6

192 16.1 13.8 20.6



#50

Toluene-d8

Concen: 44.541 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045836.D

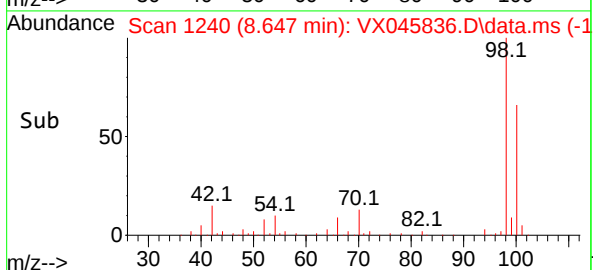
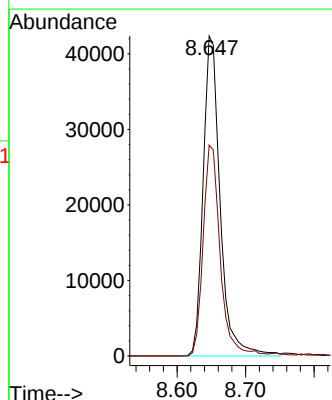
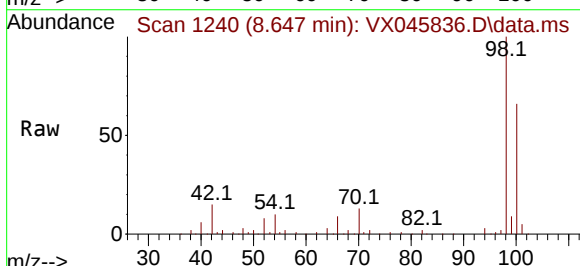
Acq: 17 Apr 2025 18:10

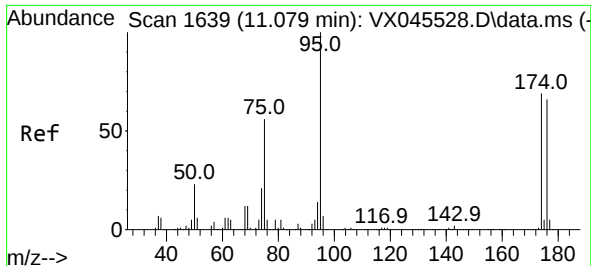
Tgt Ion: 98 Resp: 73327

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 21.939 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

3829

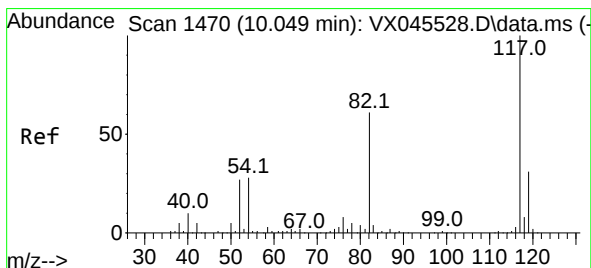
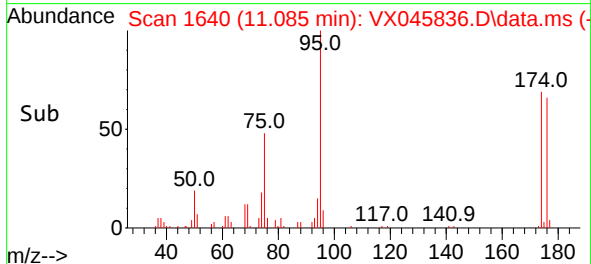
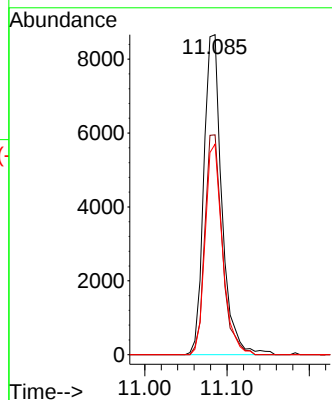
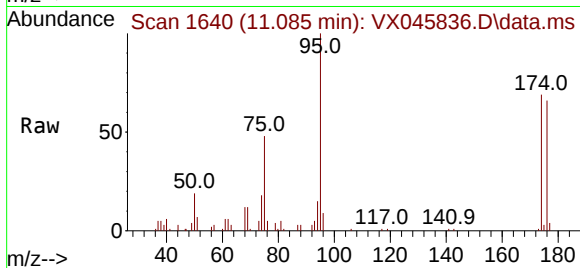
Tgt Ion: 95 Resp: 13156

Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.8

176 63.5 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: VX045836.D

Acq: 17 Apr 2025 18:10

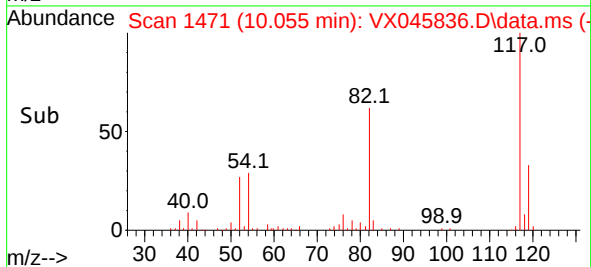
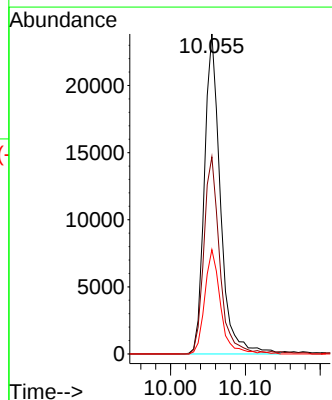
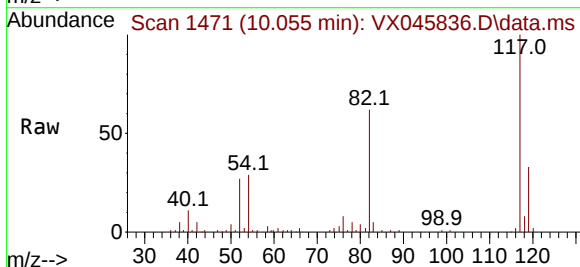
Tgt Ion: 117 Resp: 35454

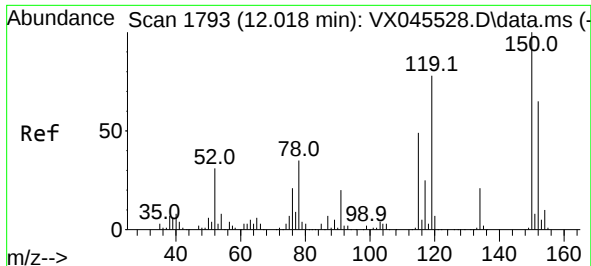
Ion Ratio Lower Upper

117 100

82 61.6 49.2 73.8

119 32.6 25.1 37.7

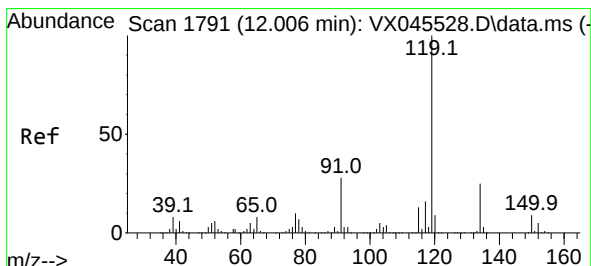
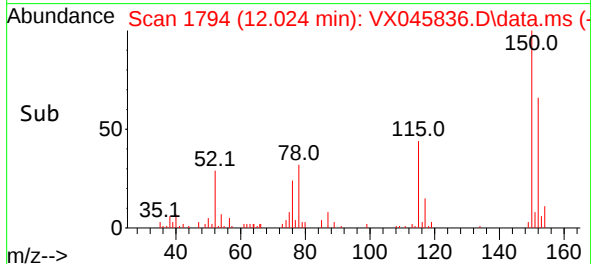
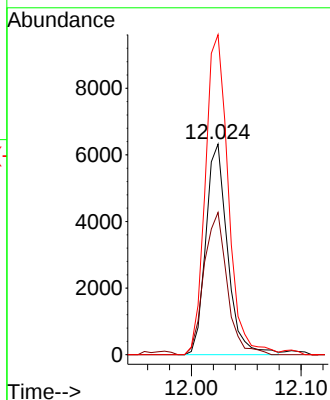
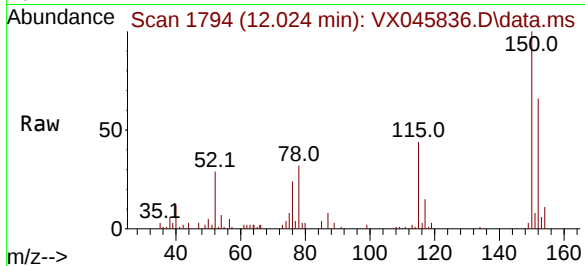




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
3829

Tgt Ion:152 Resp: 8726
Ion Ratio Lower Upper
152 100
115 71.5 46.9 140.7
150 160.2 0.0 349.4



#86
p-Isopropyltoluene
Concen: 2.860 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Tgt Ion:119 Resp: 1657
Ion Ratio Lower Upper
119 100
134 26.0 12.6 37.8
91 33.8 13.7 41.1

