

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039575.D
 Acq On : 02 Jan 2024 16:31
 Operator : JC/MD
 Sample : P1002-10 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1218

Quant Time: Jan 03 04:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

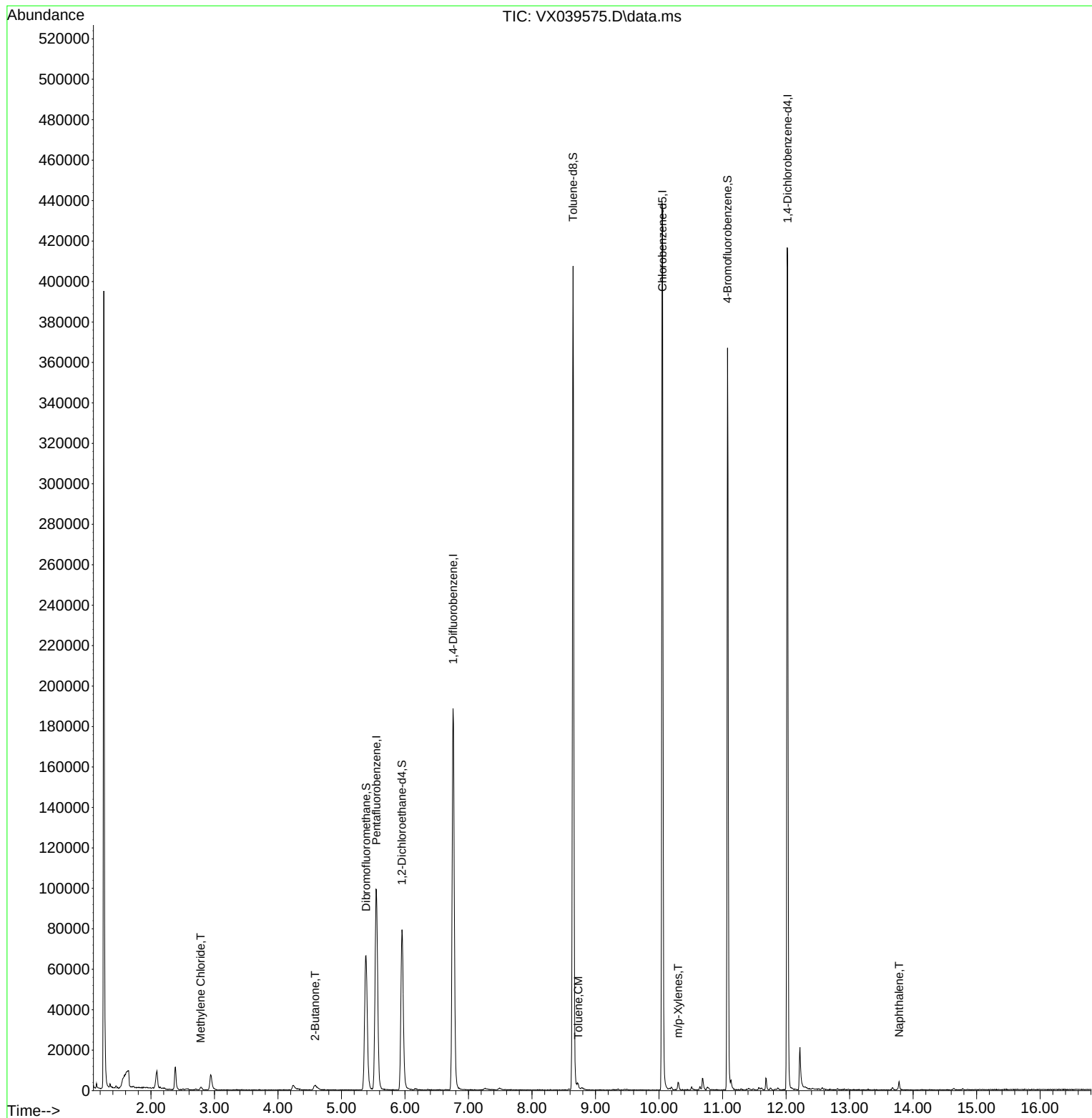
Internal Standards						
1) Pentafluorobenzene	5.550	168	87488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76564	47.771	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.540%
35) Dibromofluoromethane	5.385	113	60362	46.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.647	98	233161	48.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.079	95	99743	50.522	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.782	84	701	0.525	ug/l #	90
25) 2-Butanone	4.587	43	3888	2.811	ug/l	95
52) Toluene	8.726	92	1019	0.293	ug/l	100
68) m/p-Xylenes	10.299	106	1161	0.420	ug/l	99
95) Naphthalene	13.780	128	2707	0.443	ug/l	99

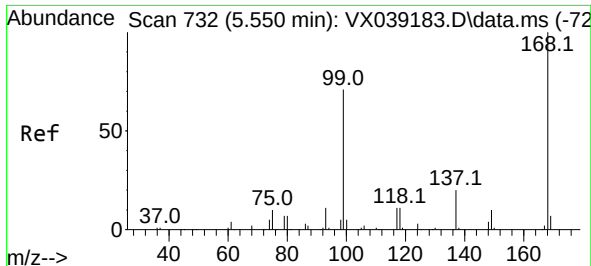
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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1218

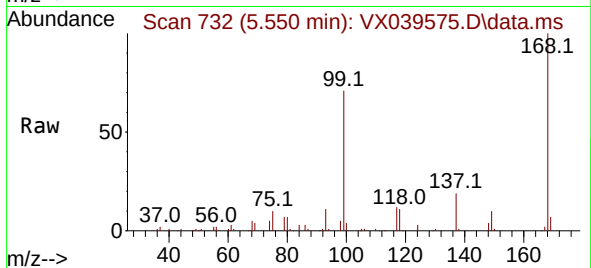
Quant Time: Jan 03 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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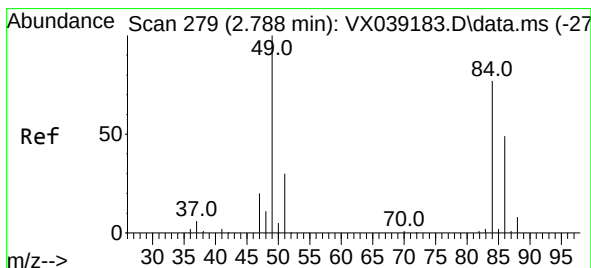
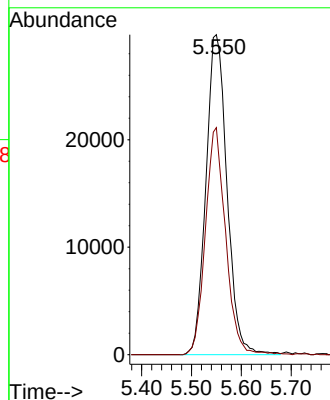
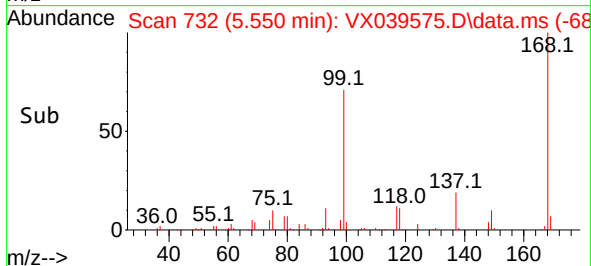


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
1218

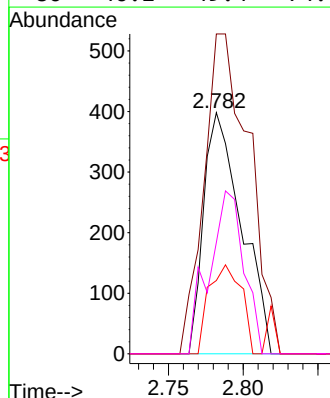
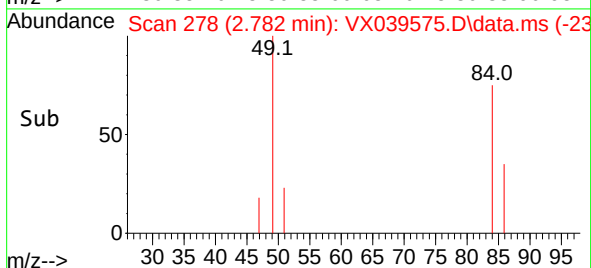
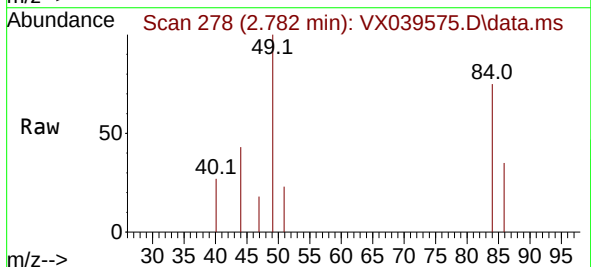


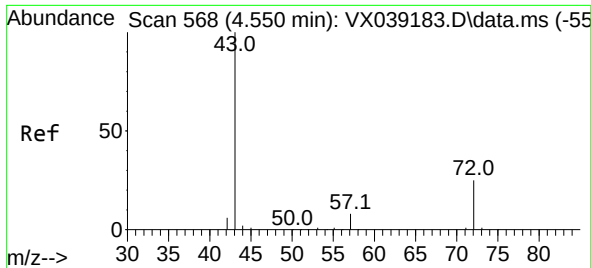
Tgt Ion:168 Resp: 87488
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#20
Methylene Chloride
Concen: 0.525 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 84 Resp: 701
Ion Ratio Lower Upper
84 100
49 132.7 103.6 155.4
51 30.4 33.8 50.6#
86 46.2 49.4 74.0#

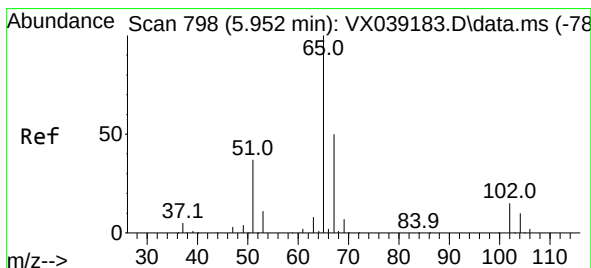
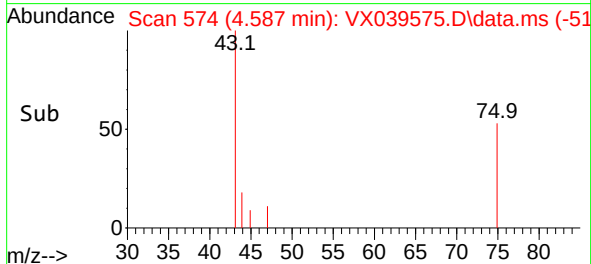
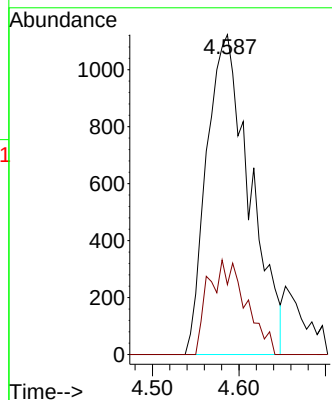
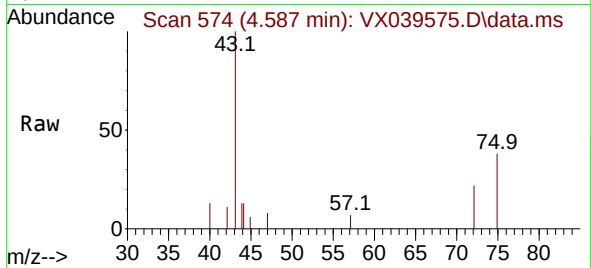




#25
2-Butanone
Concen: 2.811 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

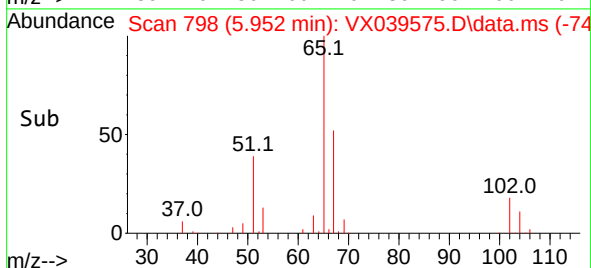
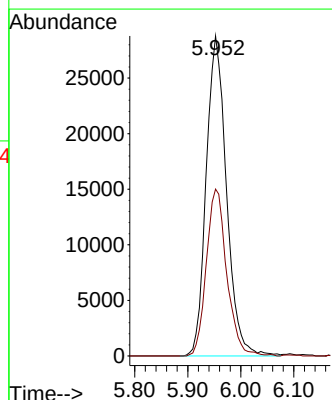
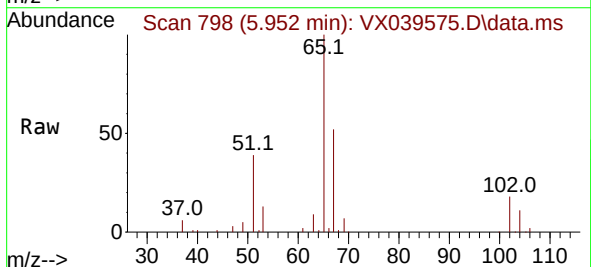
Instrument :
MSVOA_X
ClientSampleId :
1218

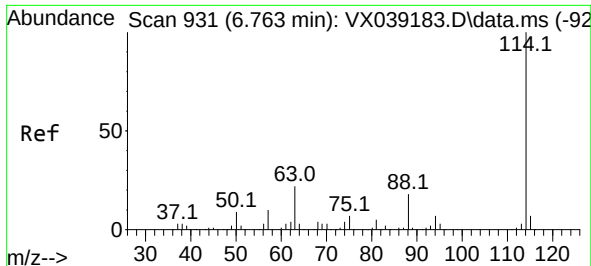
Tgt Ion: 43 Resp: 3888
Ion Ratio Lower Upper
43 100
72 21.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 47.771 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 65 Resp: 76564
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

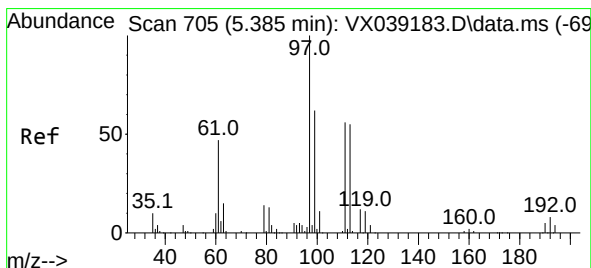
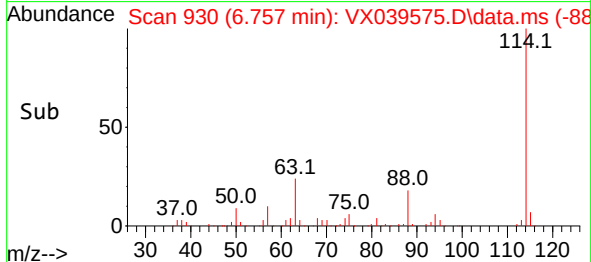
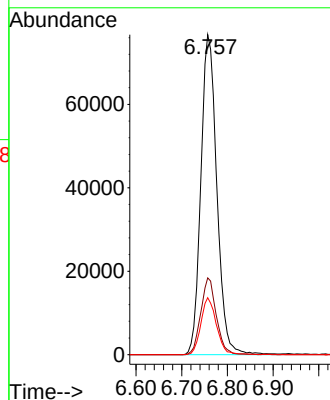
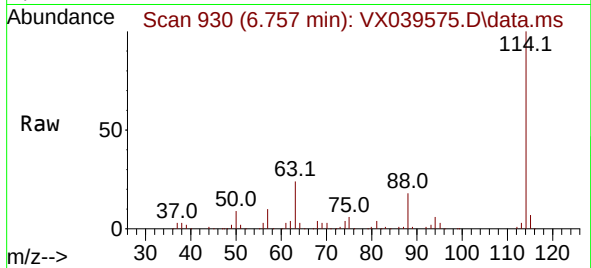




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

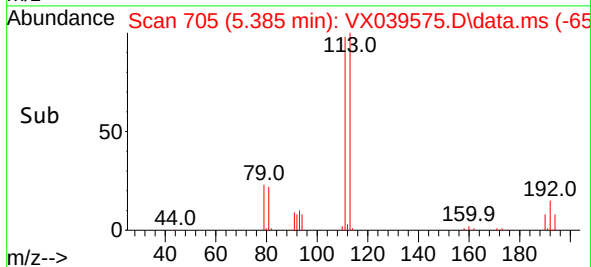
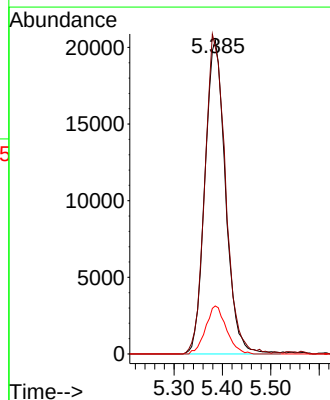
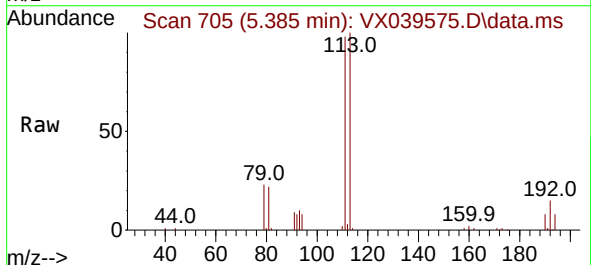
Instrument :
MSVOA_X
ClientSampleId :
1218

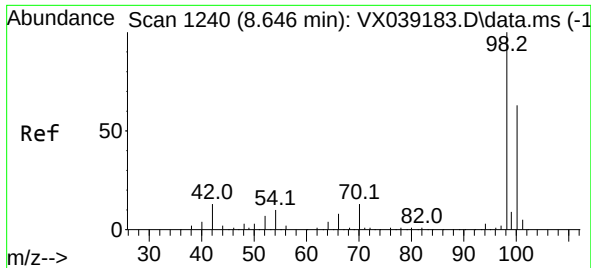
Tgt Ion:114 Resp: 186563
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.833 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion:113 Resp: 60362
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 15.4 13.3 19.9

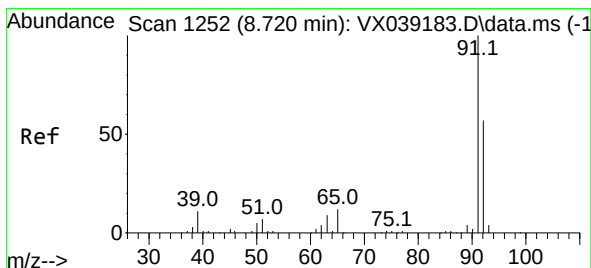
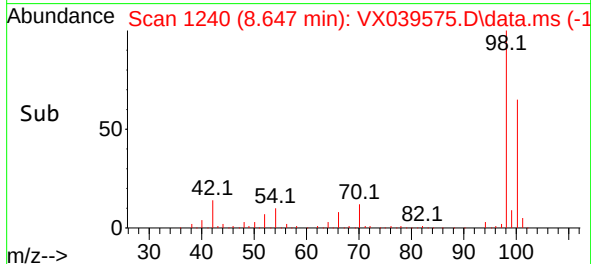
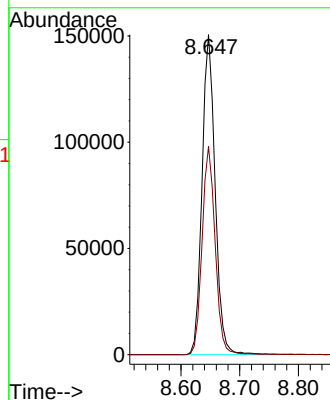
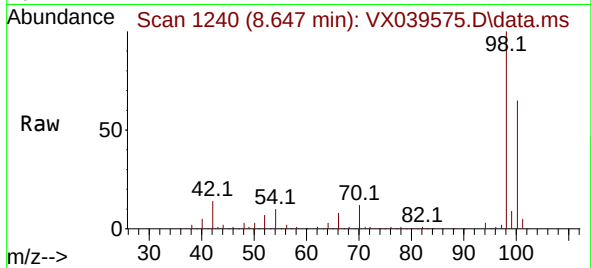




#50
Toluene-d8
Concen: 48.728 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

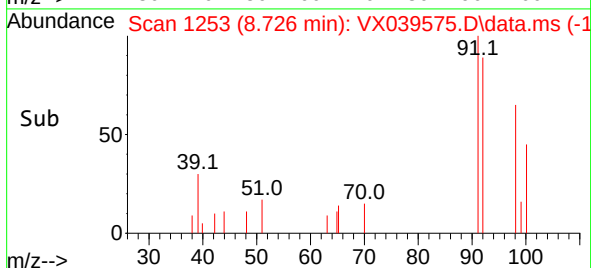
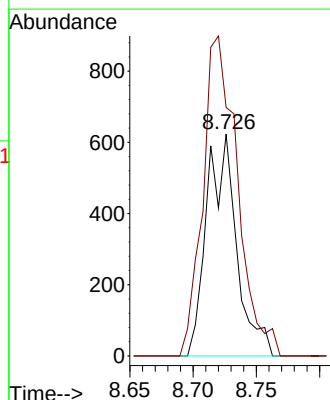
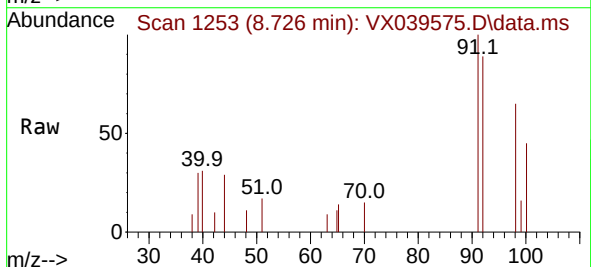
Instrument :
MSVOA_X
ClientSampleId :
1218

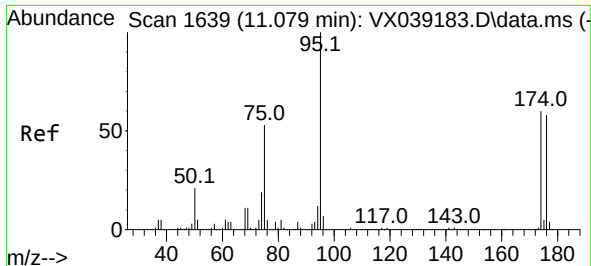
Tgt Ion: 98 Resp: 233161
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#52
Toluene
Concen: 0.293 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 92 Resp: 1019
Ion Ratio Lower Upper
92 100
91 167.2 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 50.522 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039575.D

Acq: 02 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

1218

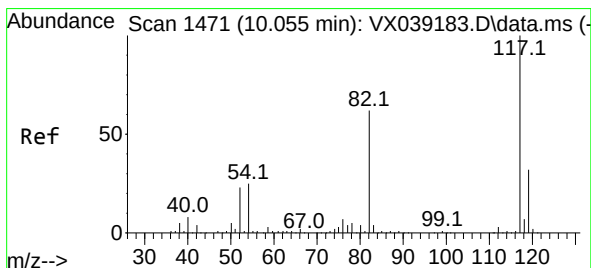
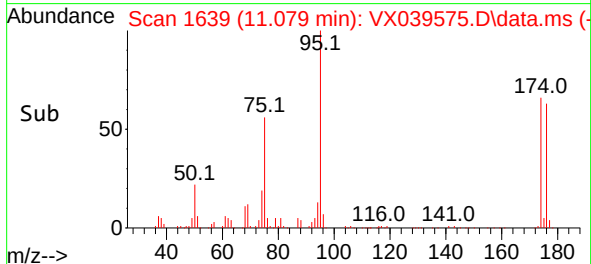
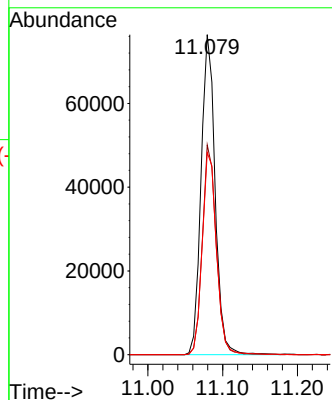
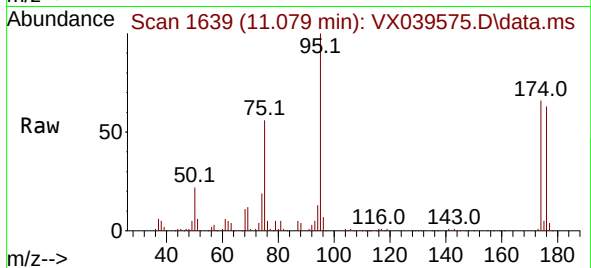
Tgt Ion: 95 Resp: 99743

Ion Ratio Lower Upper

95 100

174 64.9 0.0 135.6

176 64.1 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039575.D

Acq: 02 Jan 2024 16:31

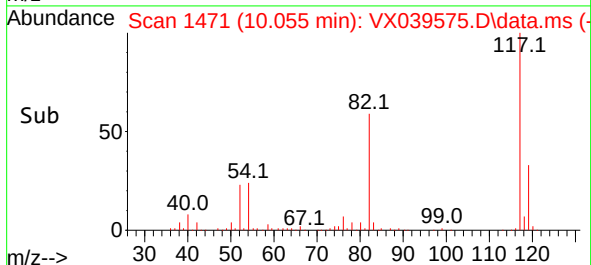
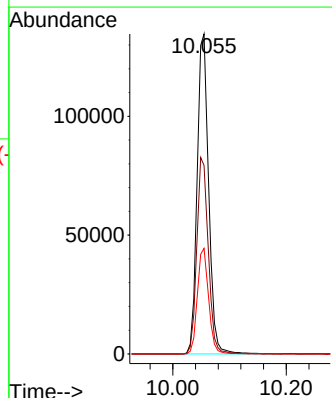
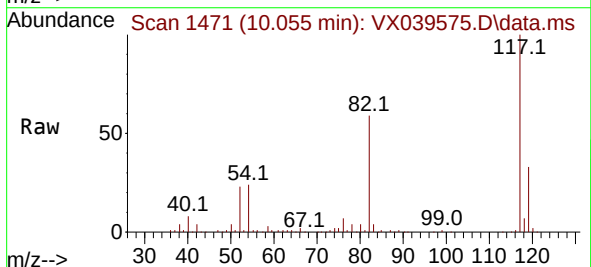
Tgt Ion: 117 Resp: 189677

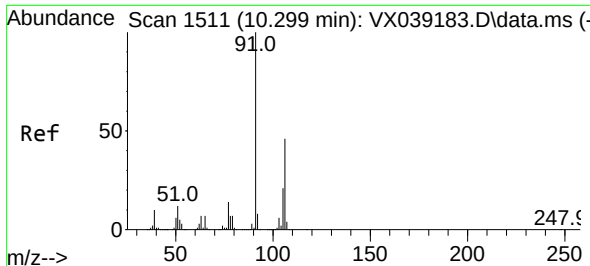
Ion Ratio Lower Upper

117 100

82 58.9 46.2 69.4

119 33.0 25.5 38.3

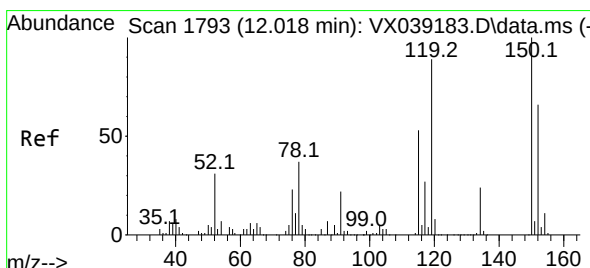
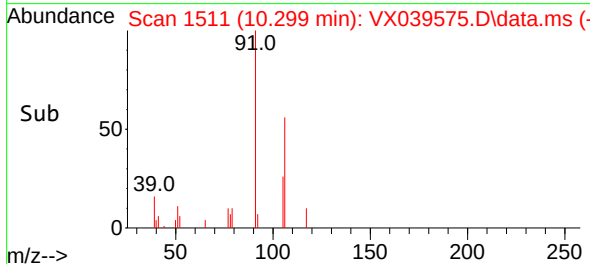
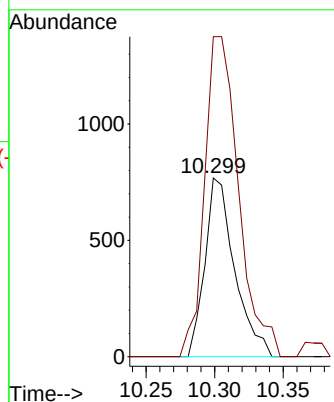
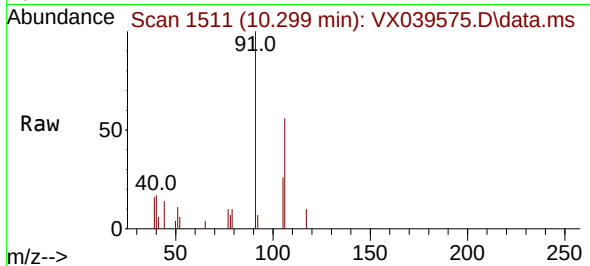




#68
m/p-Xylenes
Concen: 0.420 ug/l
RT: 10.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

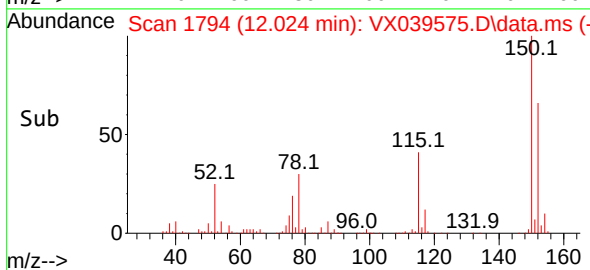
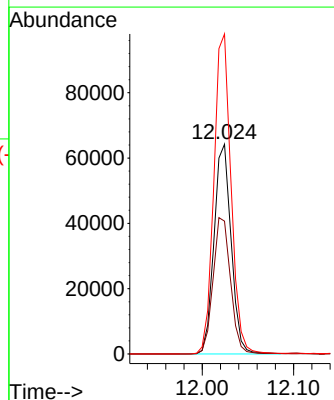
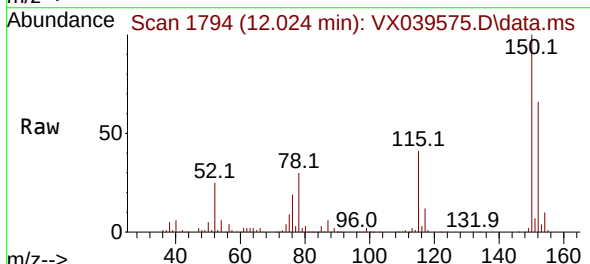
Instrument :
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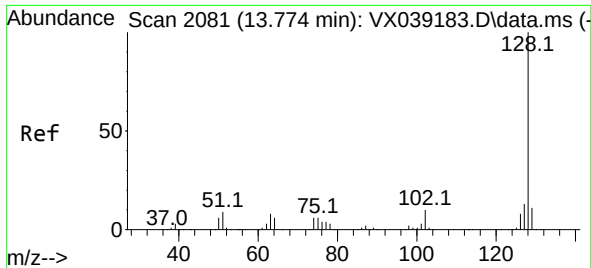
Tgt Ion:106 Resp: 1161
Ion Ratio Lower Upper
106 100
91 204.9 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion:152 Resp: 83622
Ion Ratio Lower Upper
152 100
115 66.3 43.3 129.9
150 152.6 0.0 345.0





#95

Naphthalene

Concen: 0.443 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX039575.D

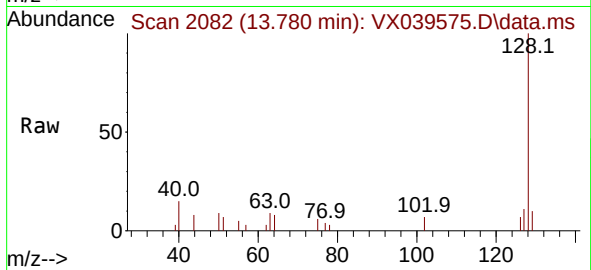
Acq: 02 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

1218



Tgt Ion:128 Resp: 2707

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.6 8.8 13.2

