

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039597.D
 Acq On : 03 Jan 2024 13:20
 Operator : JC/MD
 Sample : P1002-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1209

Quant Time: Jan 04 03:30:46 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)

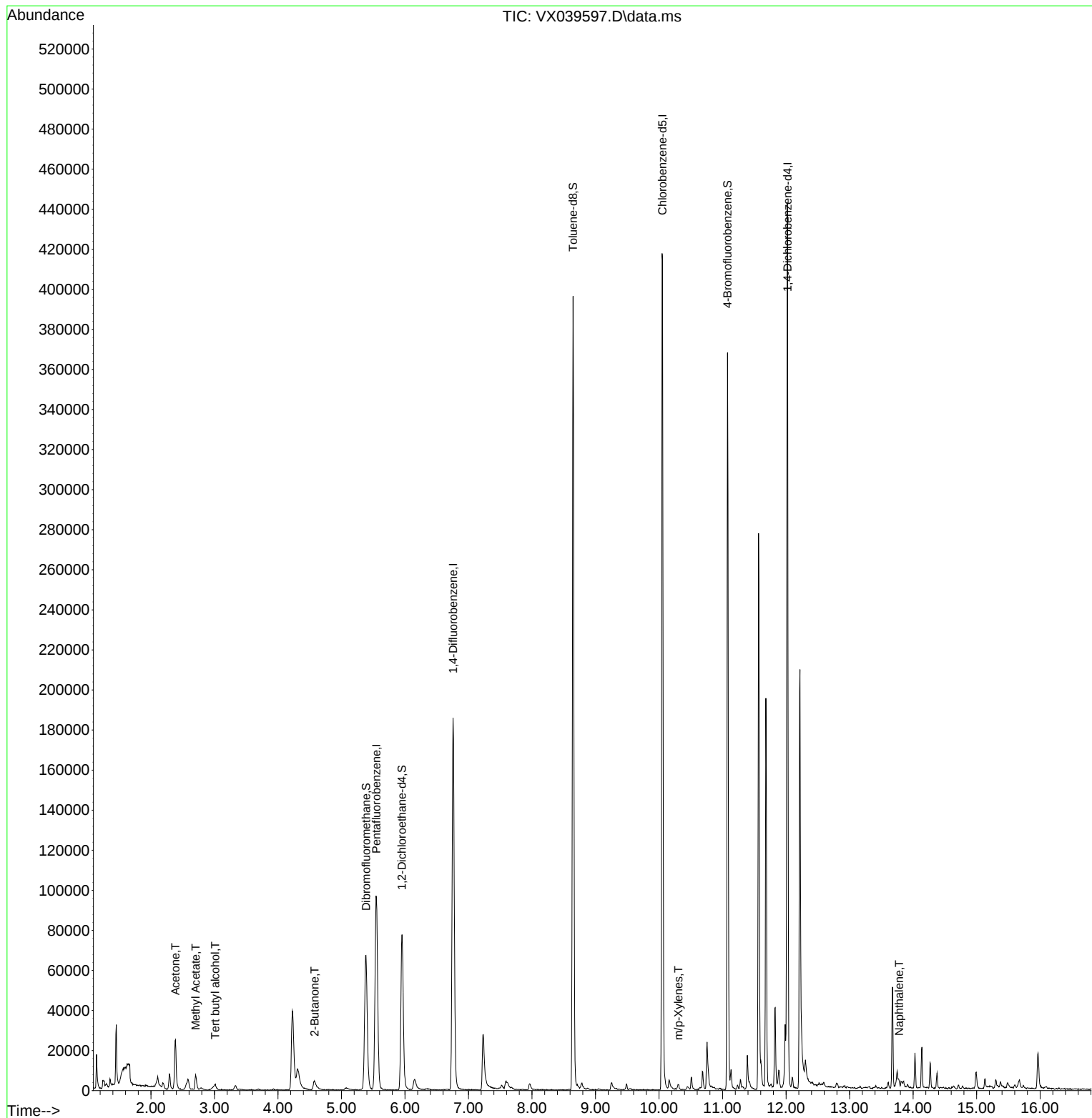
Internal Standards						
1) Pentafluorobenzene	5.550	168	87520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75061	46.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	60506	48.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.647	98	228902	49.011	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	99300	51.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.014	59	4890	12.146	ug/l #	86
16) Acetone	2.386	43	27066	6.307	ug/l #	86
18) Methyl Acetate	2.703	43	9611	2.771	ug/l	97
25) 2-Butanone	4.574	43	10258	7.414	ug/l	96
68) m/p-Xylenes	10.305	106	641	0.234	ug/l	87
95) Naphthalene	13.780	128	1446	0.231	ug/l #	93

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
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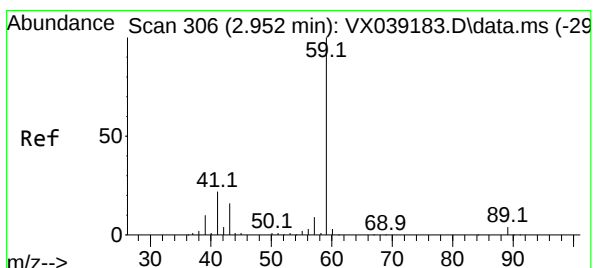
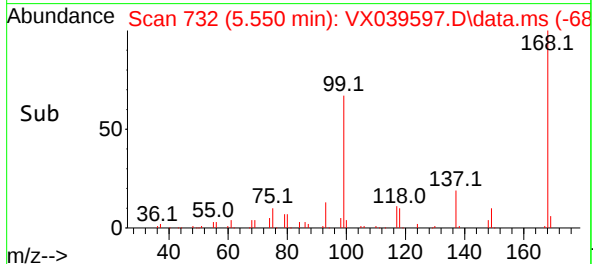
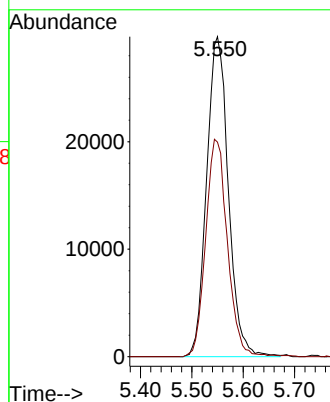
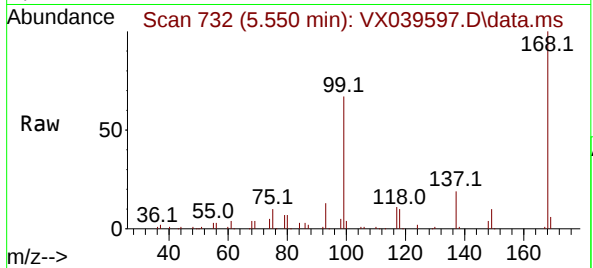




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

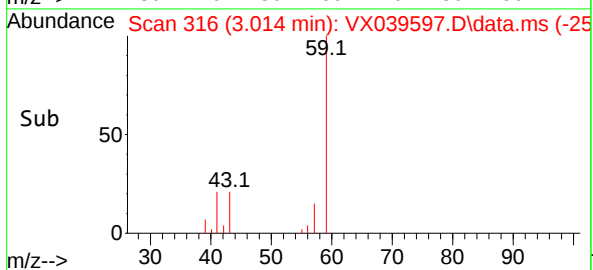
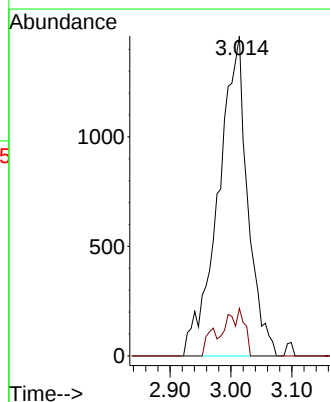
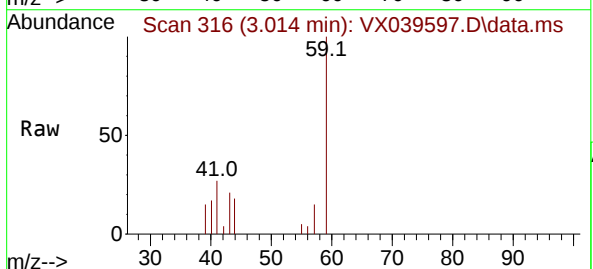
Instrument :
MSVOA_X
ClientSampleId :
1209

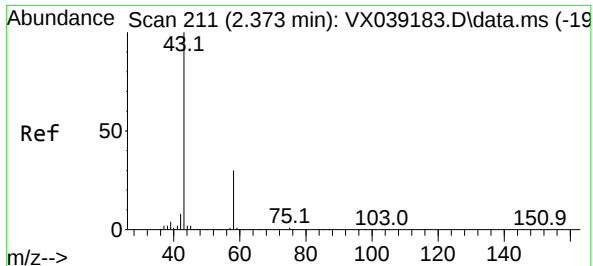
Tgt Ion:168 Resp: 87520
Ion Ratio Lower Upper
168 100
99 67.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 12.146 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.061 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion: 59 Resp: 4890
Ion Ratio Lower Upper
59 100
57 2.6 6.0 9.0#

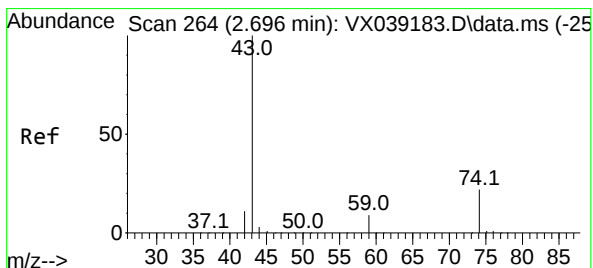
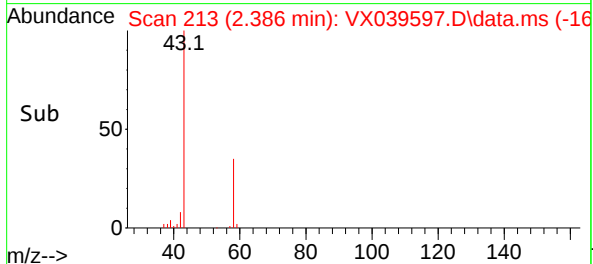
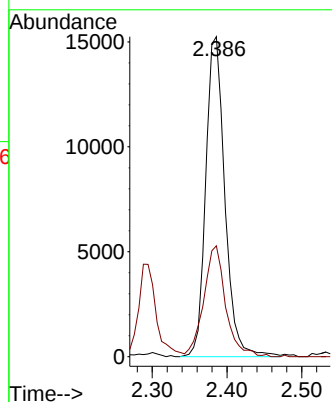
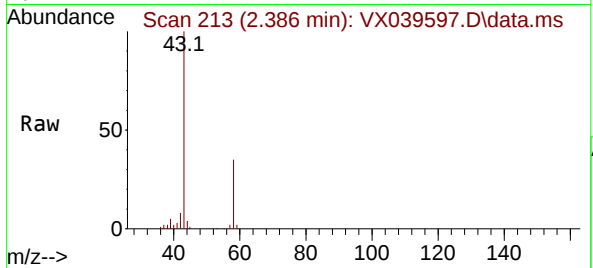




#16
Acetone
Concen: 6.307 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

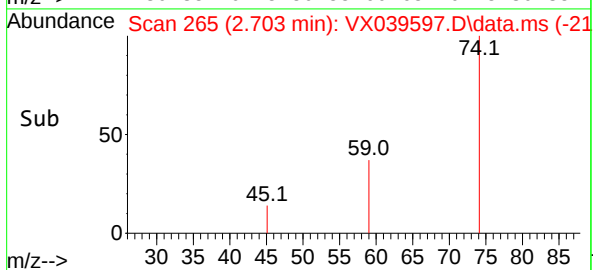
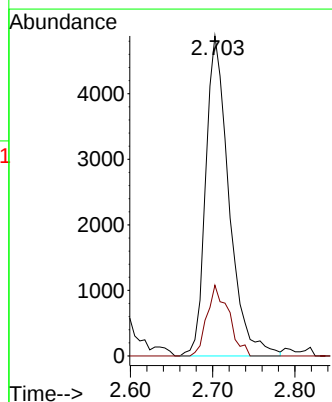
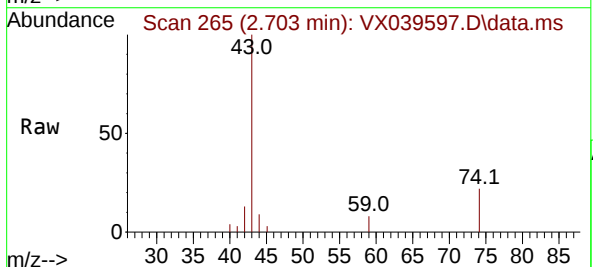
Instrument :
MSVOA_X
ClientSampleId :
1209

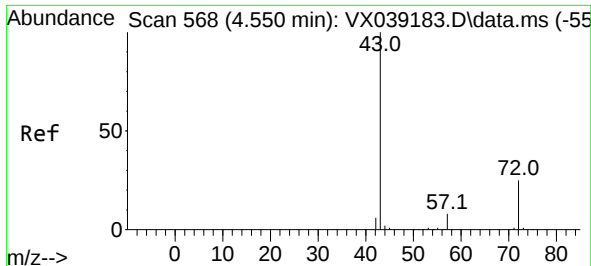
Tgt Ion: 43 Resp: 27066
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#



#18
Methyl Acetate
Concen: 2.771 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion: 43 Resp: 9611
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8





#25

2-Butanone

Concen: 7.414 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

ClientSampleId :

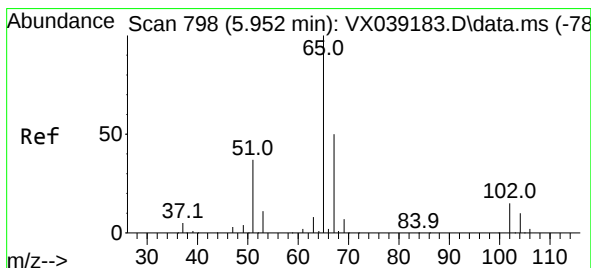
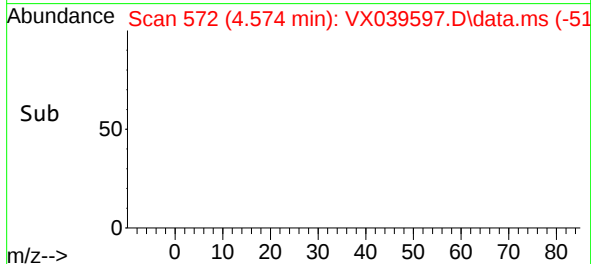
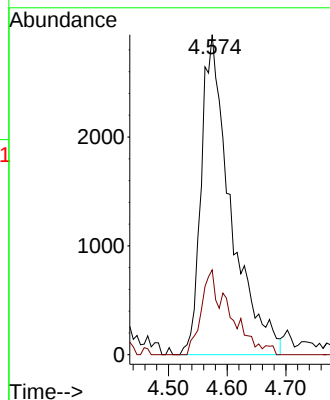
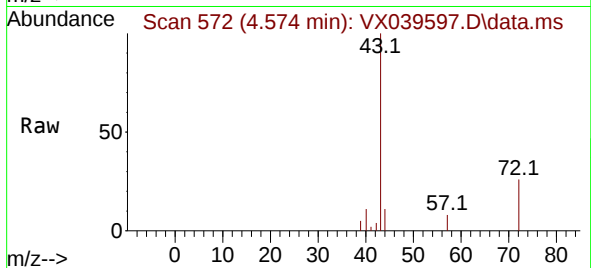
1209

Tgt Ion: 43 Resp: 10258

Ion Ratio Lower Upper

43 100

72 26.5 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 46.816 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039597.D

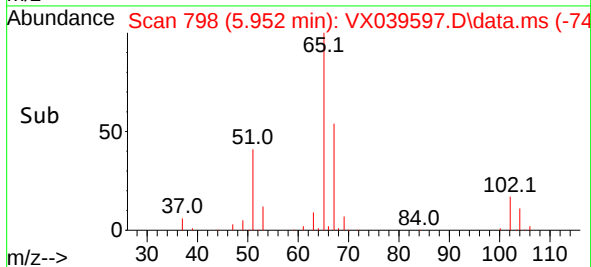
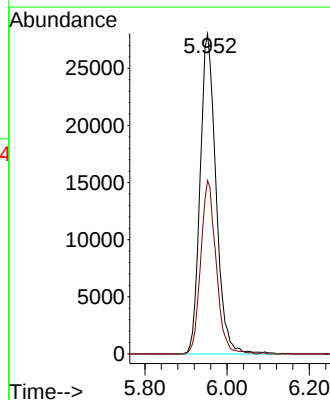
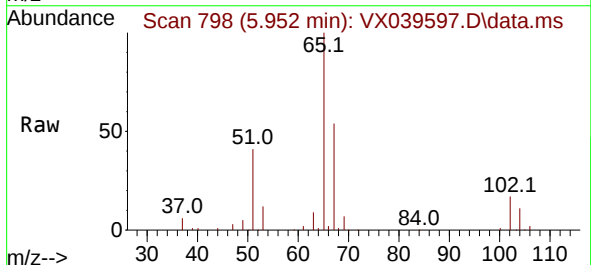
Acq: 03 Jan 2024 13:20

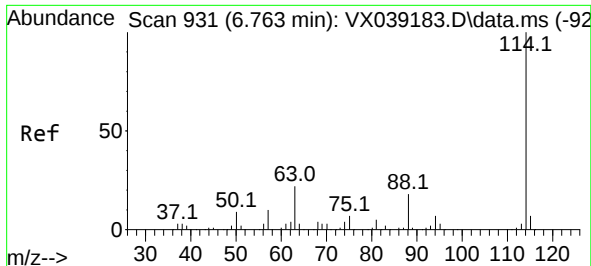
Tgt Ion: 65 Resp: 75061

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2

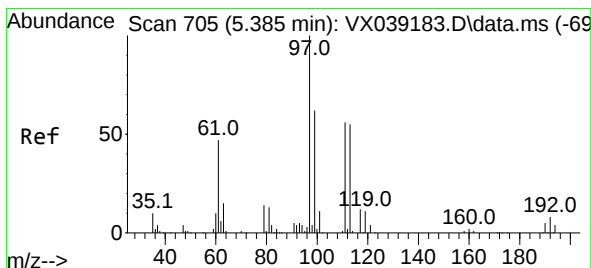
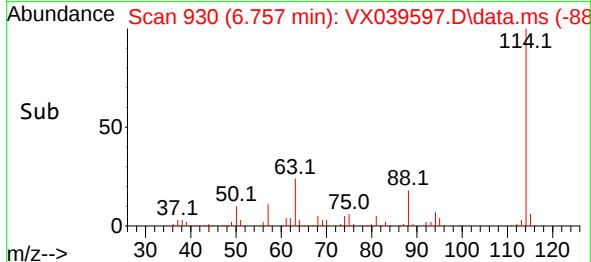
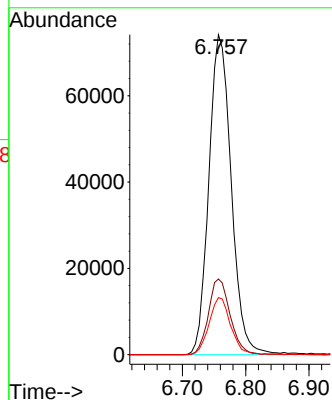
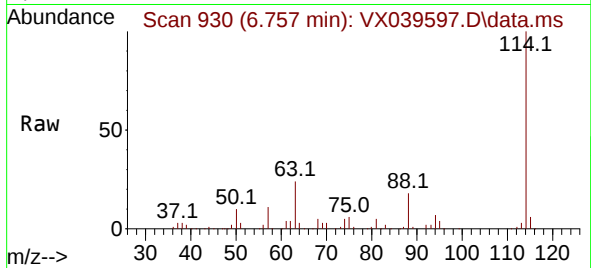




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 912
Delta R.T. -0.006 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

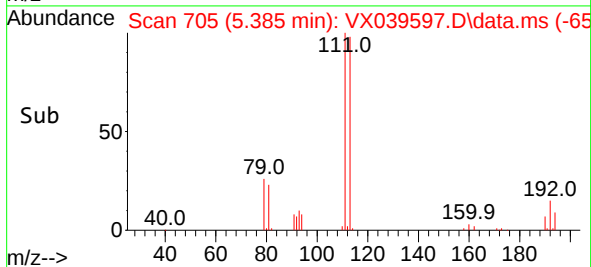
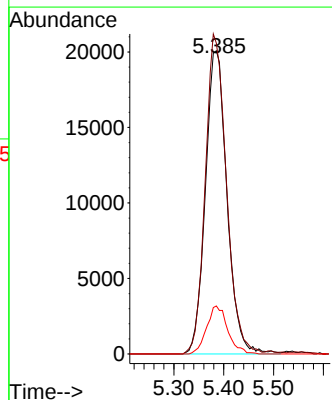
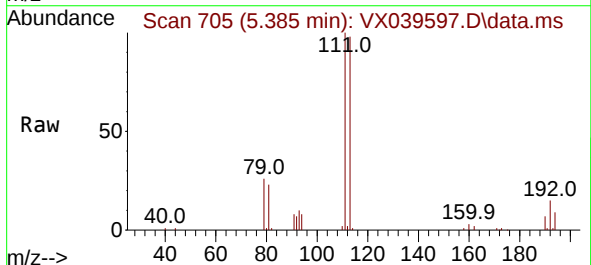
Instrument :
MSVOA_X
ClientSampleId :
1209

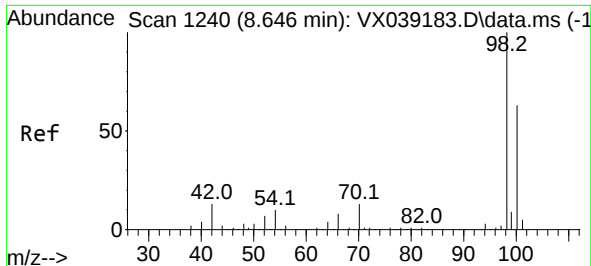
Tgt Ion:114 Resp: 182098
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.0
88 17.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.096 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion:113 Resp: 60506
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 15.4 13.3 19.9

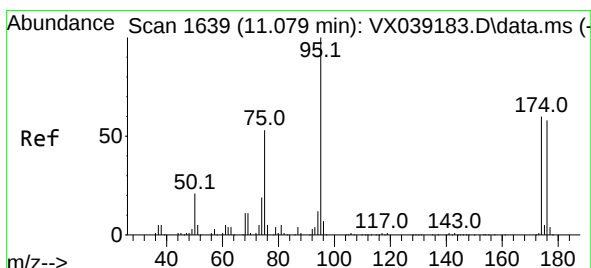
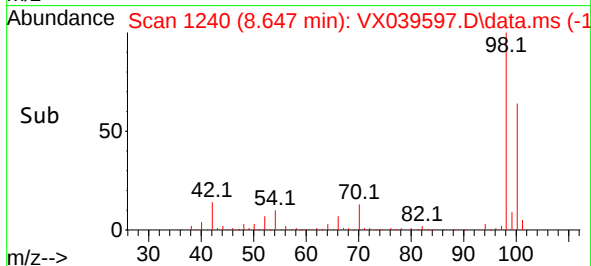
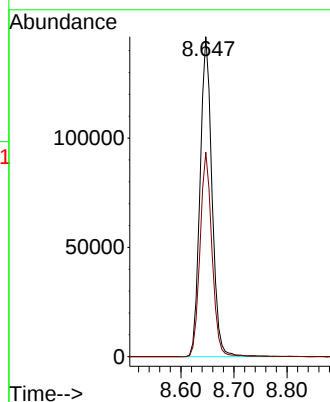
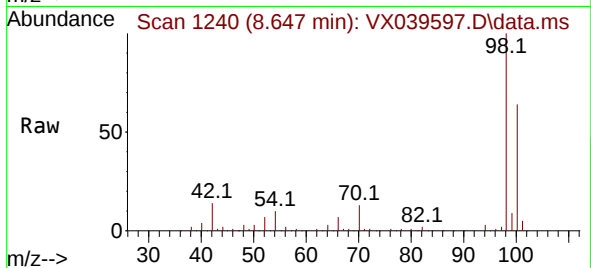




#50
Toluene-d8
Concen: 49.011 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

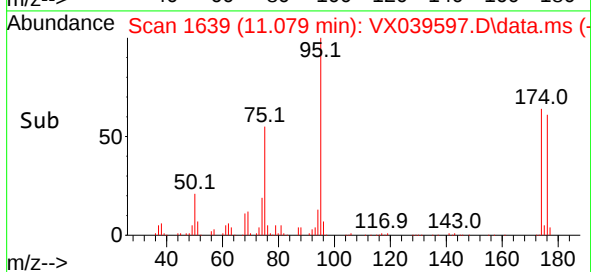
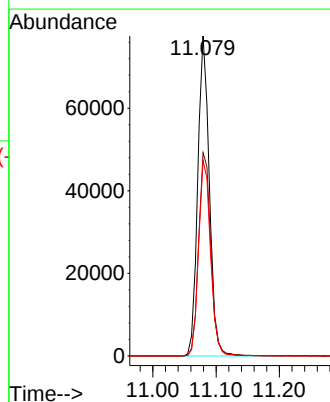
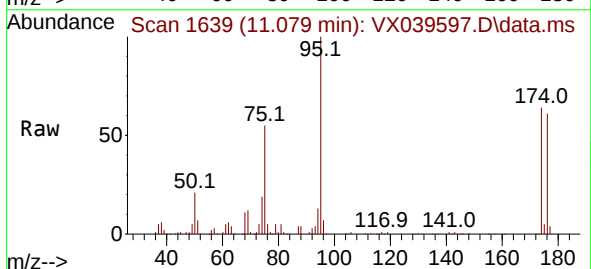
Instrument :
MSVOA_X
ClientSampleId :
1209

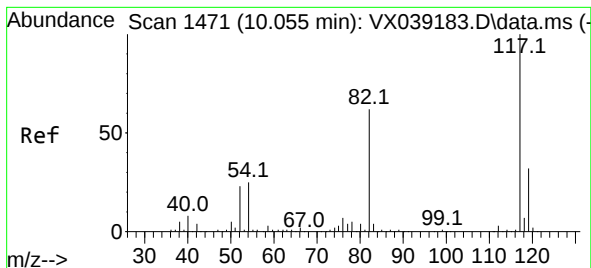
Tgt Ion: 98 Resp: 228902
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion: 95 Resp: 99300
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 62.9 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: VX039597.D

Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

ClientSampleId :

1209

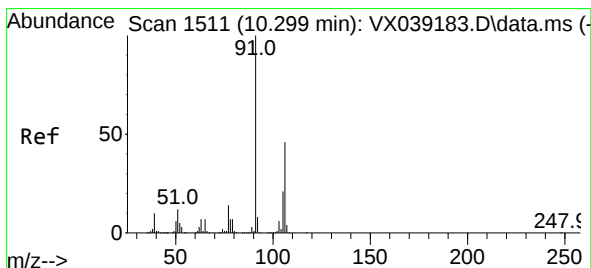
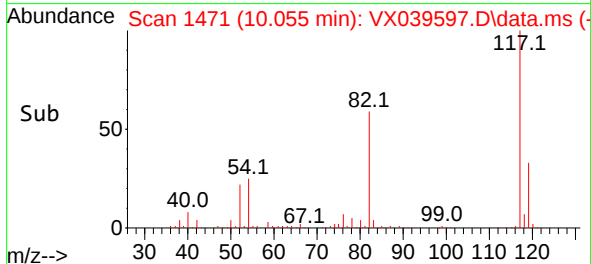
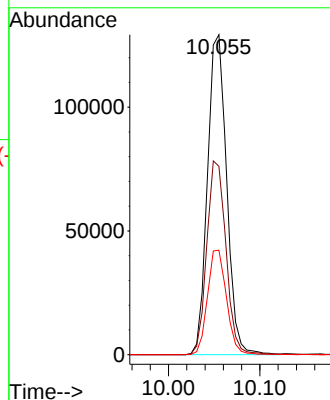
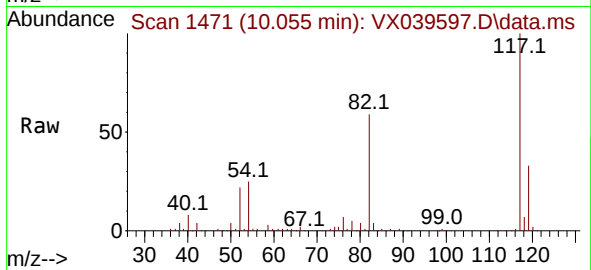
Tgt Ion:117 Resp: 188190

Ion Ratio Lower Upper

117 100

82 58.8 46.2 69.4

119 32.6 25.5 38.3



#68

m/p-Xylenes

Concen: 0.234 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX039597.D

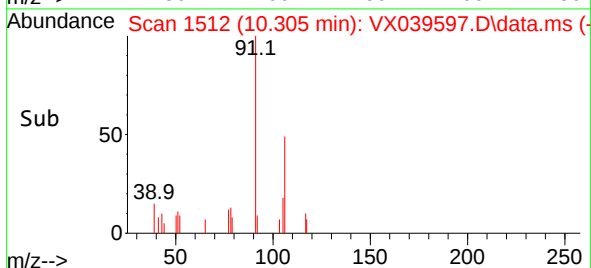
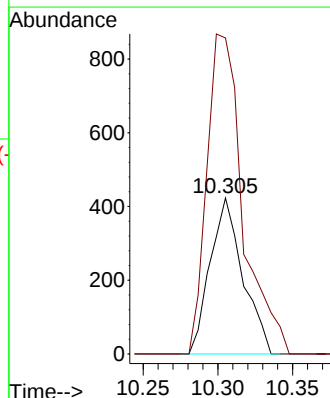
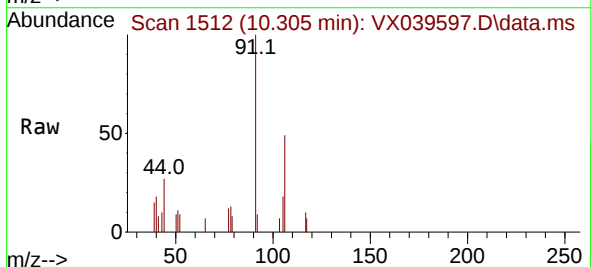
Acq: 03 Jan 2024 13:20

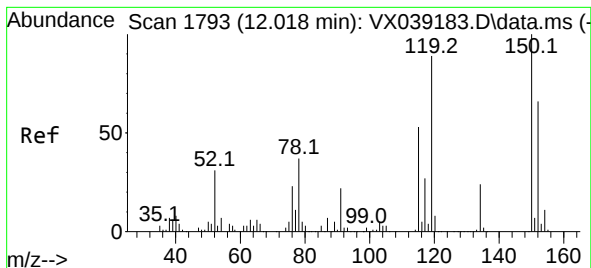
Tgt Ion:106 Resp: 641

Ion Ratio Lower Upper

106 100

91 226.7 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

ClientSampleId :

1209

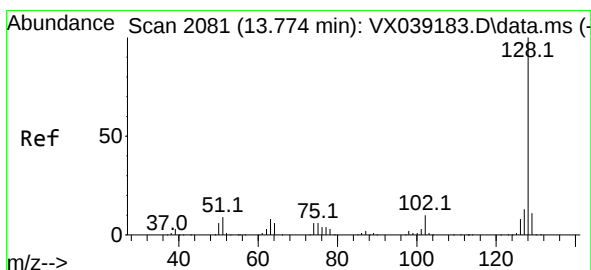
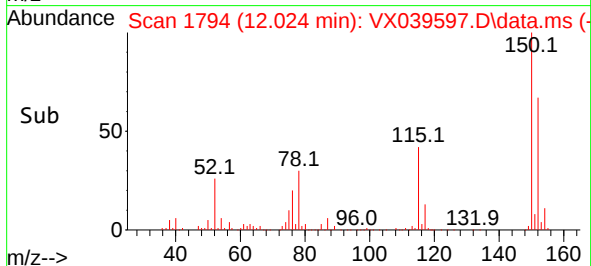
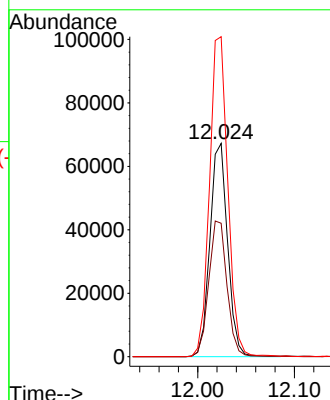
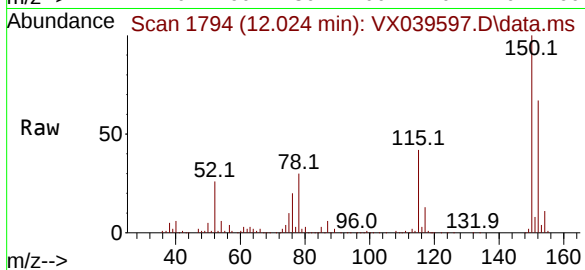
Tgt Ion:152 Resp: 85580

Ion Ratio Lower Upper

152 100

115 65.7 43.3 129.9

150 155.4 0.0 345.0



#95

Naphthalene

Concen: 0.231 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Tgt Ion:128 Resp: 1446

Ion Ratio Lower Upper

128 100

127 8.2 10.3 15.5#

129 11.5 8.8 13.2

