

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034653.D
 Acq On : 21 Mar 2023 14:40
 Operator : JC/MD
 Sample : 02013-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 216

Quant Time: Mar 22 02:04:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

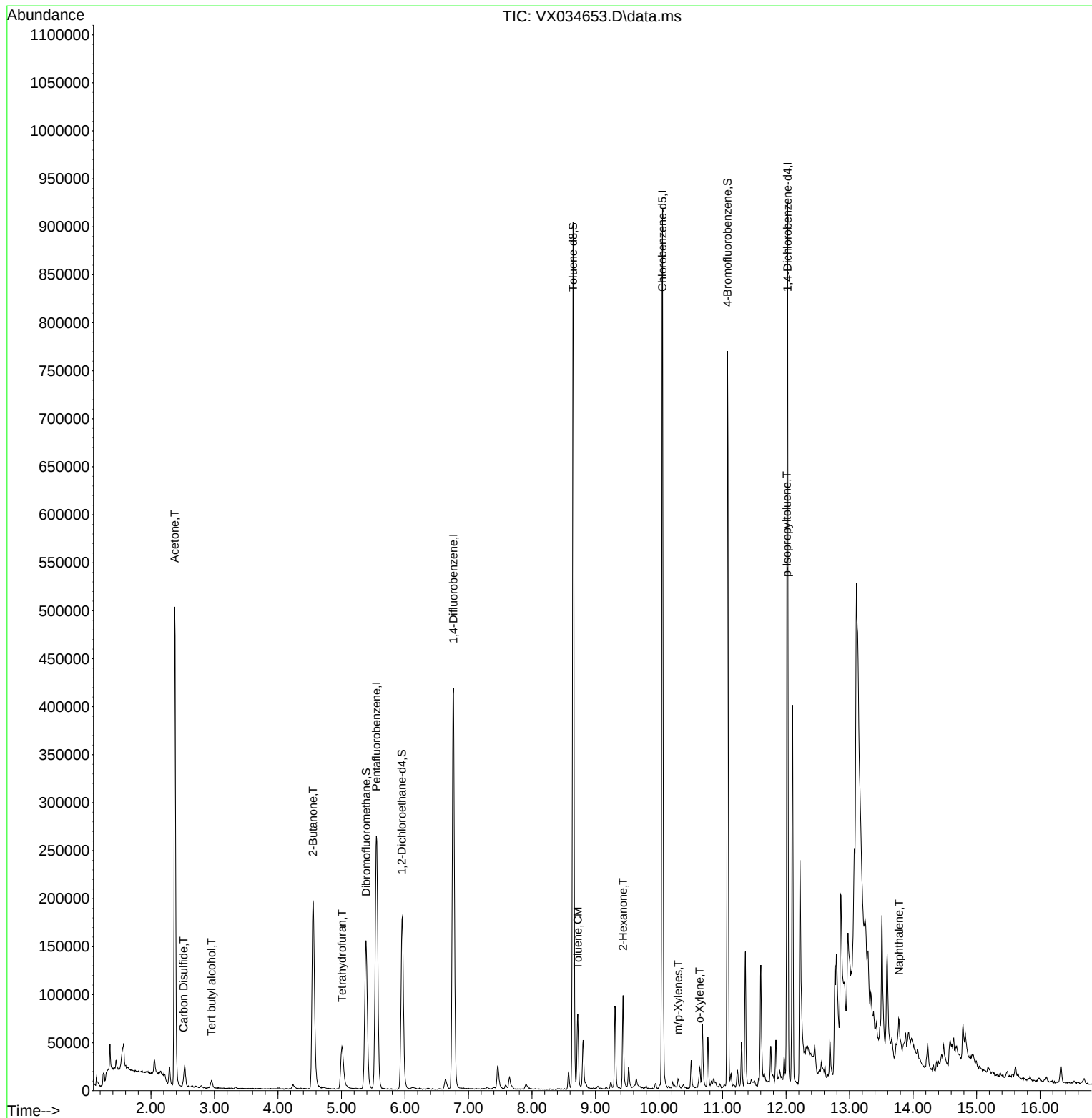
Internal Standards						
1) Pentafluorobenzene	5.550	168	249489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	173628	47.837	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	95.680%	
35) Dibromofluoromethane	5.385	113	132527	47.615	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.220%	
50) Toluene-d8	8.647	98	524054	50.437	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.880%	
62) 4-Bromofluorobenzene	11.079	95	198693	47.343	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	9165	12.126	ug/l	98
16) Acetone	2.374	43	523737	306.332	ug/l	98
17) Carbon Disulfide	2.514	76	6298	0.819	ug/l	99
25) 2-Butanone	4.550	43	354088	144.741	ug/l	98
29) Tetrahydrofuran	5.007	42	35922	23.797	ug/l	99
52) Toluene	8.720	92	27367	3.535	ug/l	95
59) 2-Hexanone	9.433	43	54008	15.222	ug/l	100
68) m/p-Xylenes	10.299	106	2179	0.373	ug/l	95
69) o-Xylene	10.640	106	3711	0.632	ug/l	98
86) p-Isopropyltoluene	12.012	119	13963	1.147	ug/l	97
95) Naphthalene	13.780	128	12325	0.924	ug/l #	94

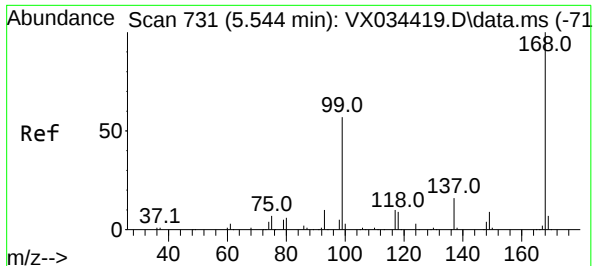
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
Data File : VX034653.D
Acq On : 21 Mar 2023 14:40
Operator : JC/MD
Sample : 02013-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
216

Quant Time: Mar 22 02:04:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

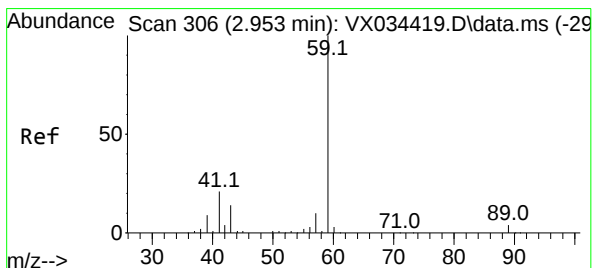
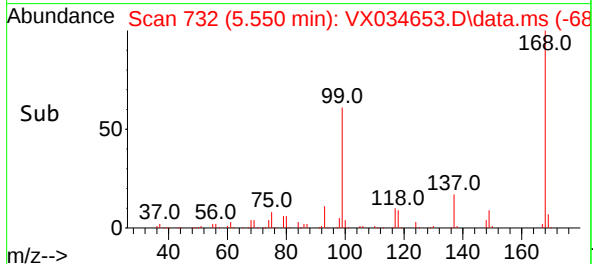
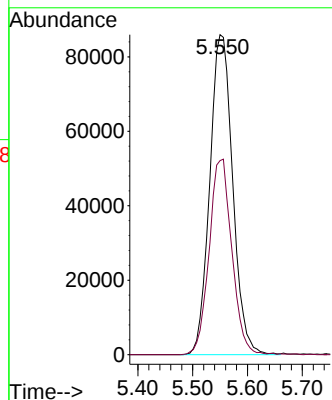
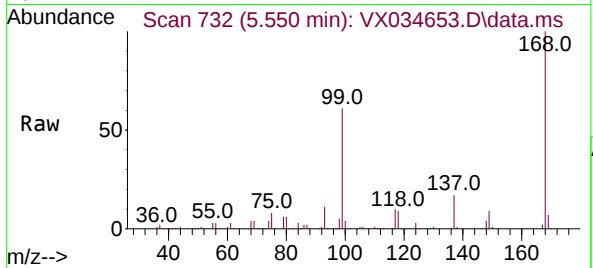




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

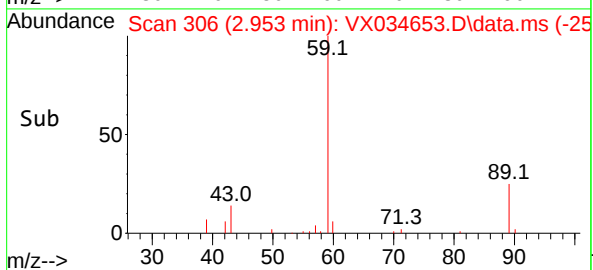
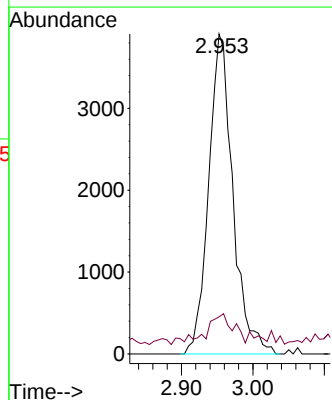
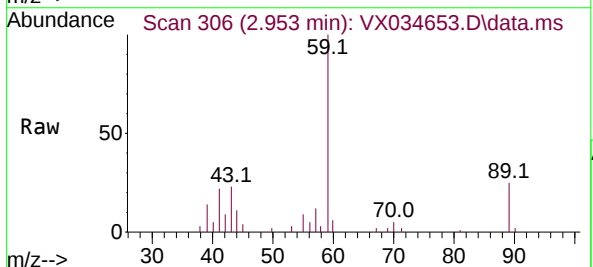
Instrument :
MSVOA_X
ClientSampleId :
216

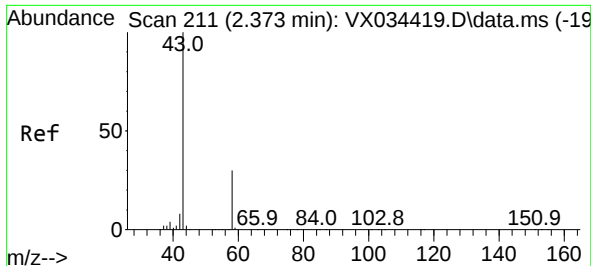
Tgt Ion:168 Resp: 249489
Ion Ratio Lower Upper
168 100
99 60.6 45.7 68.5



#11
Tert butyl alcohol
Concen: 12.126 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

Tgt Ion: 59 Resp: 9165
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

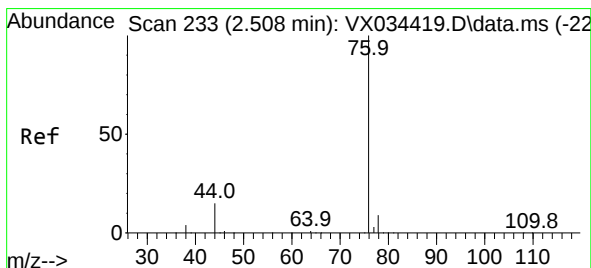
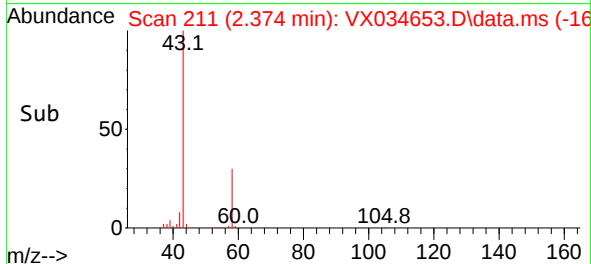
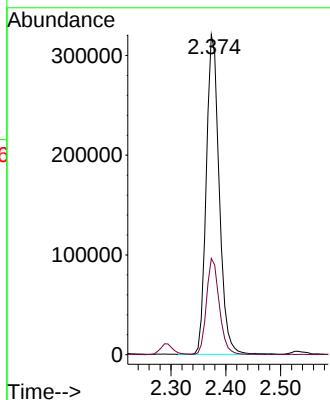
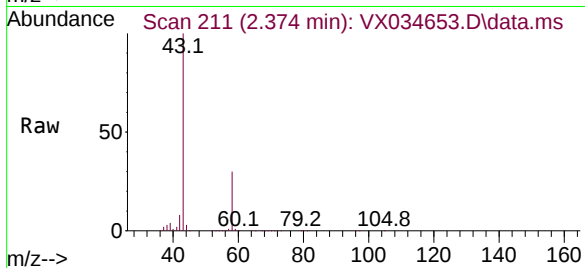




#16
Acetone
Concen: 306.332 ug/l
RT: 2.374 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

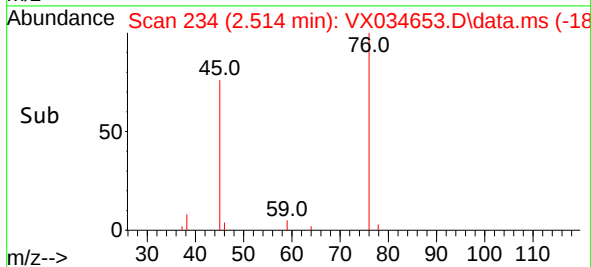
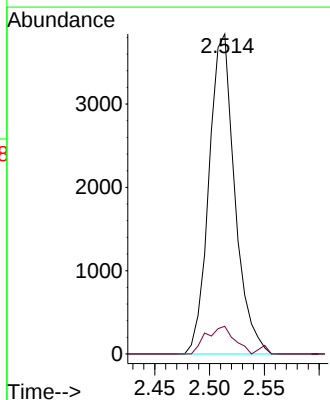
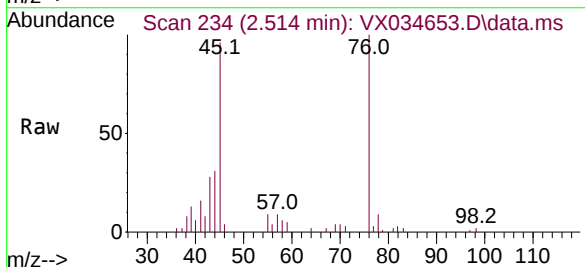
Instrument :
MSVOA_X
ClientSampleId :
216

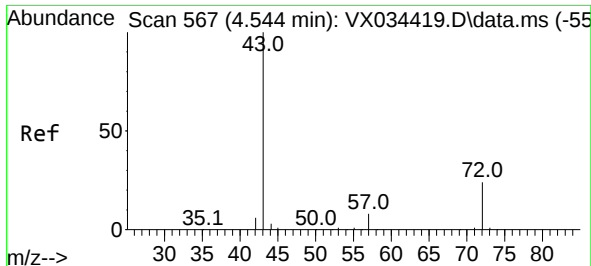
Tgt Ion: 43 Resp: 523737
Ion Ratio Lower Upper
43 100
58 30.0 24.7 37.1



#17
Carbon Disulfide
Concen: 0.819 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

Tgt Ion: 76 Resp: 6298
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

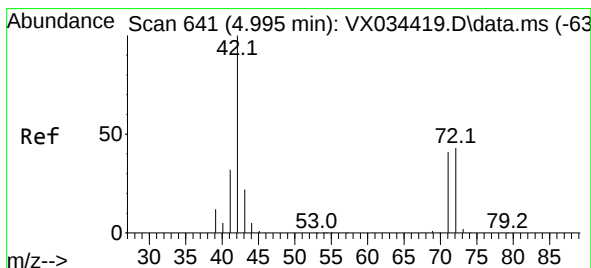
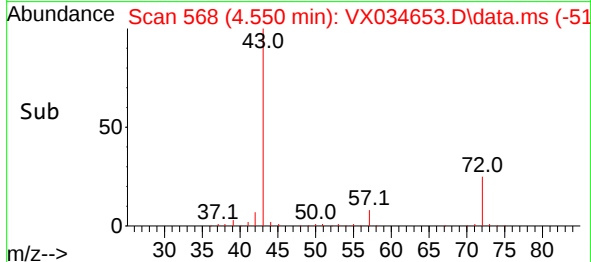
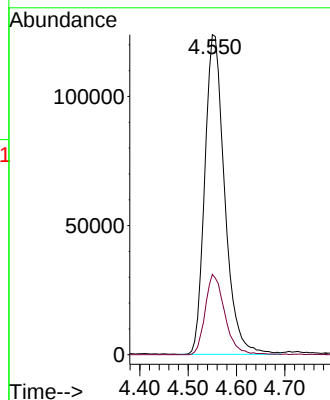
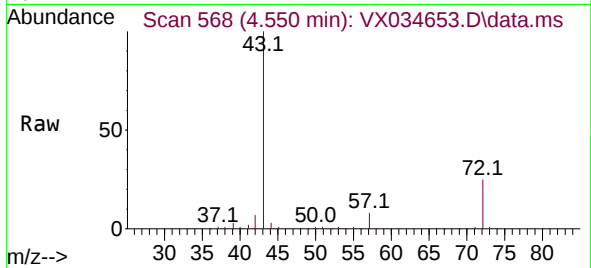




#25
2-Butanone
Concen: 144.741 ug/l
RT: 4.550 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

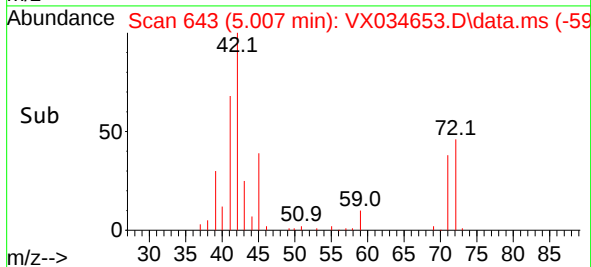
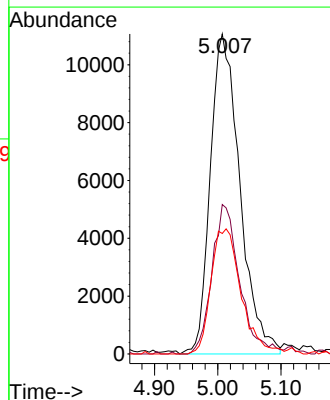
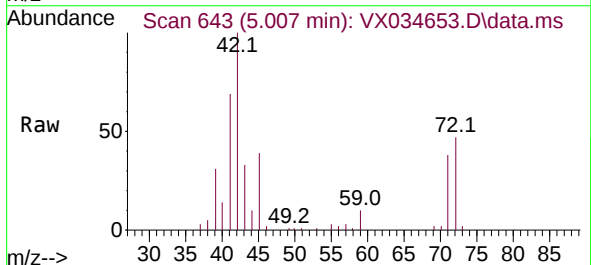
Instrument :
MSVOA_X
ClientSampleId :
216

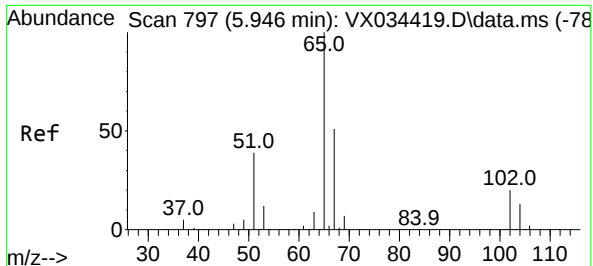
Tgt Ion: 43 Resp: 354088
Ion Ratio Lower Upper
43 100
72 25.1 19.3 28.9



#29
Tetrahydrofuran
Concen: 23.797 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.012 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

Tgt Ion: 42 Resp: 35922
Ion Ratio Lower Upper
42 100
72 43.7 34.5 51.7
71 39.8 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 47.837 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034653.D

Acq: 21 Mar 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :

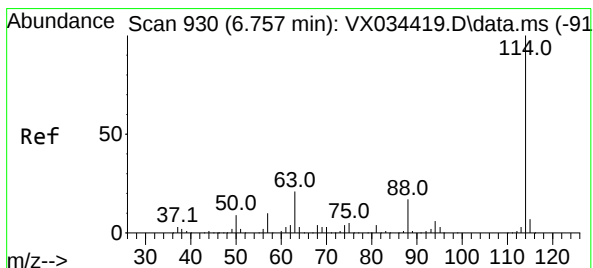
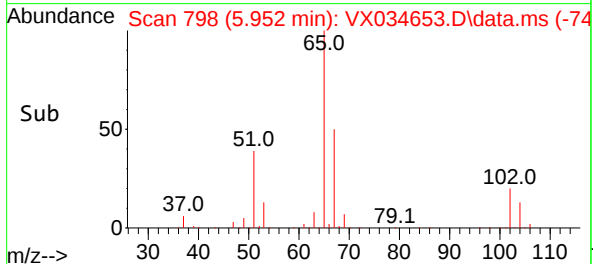
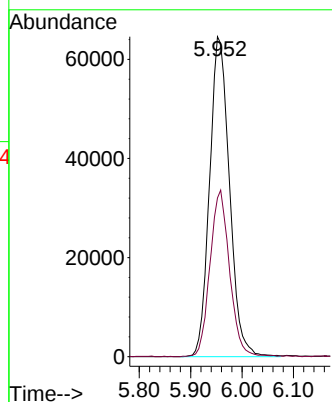
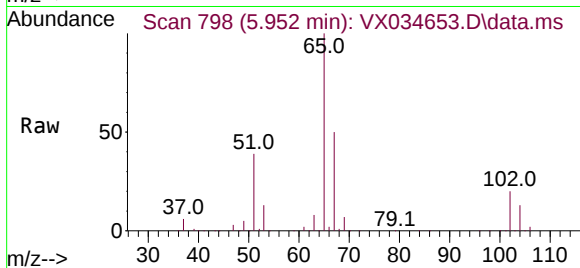
216

Tgt Ion: 65 Resp: 173628

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034653.D

Acq: 21 Mar 2023 14:40

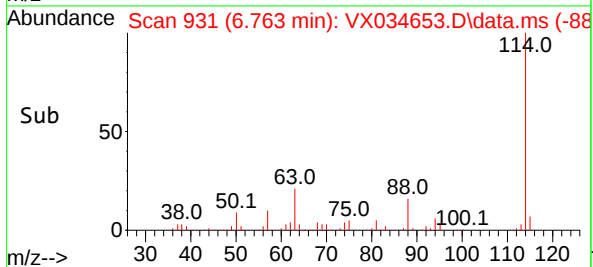
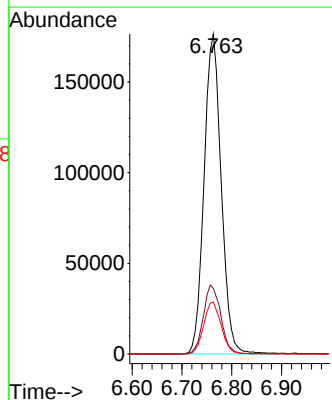
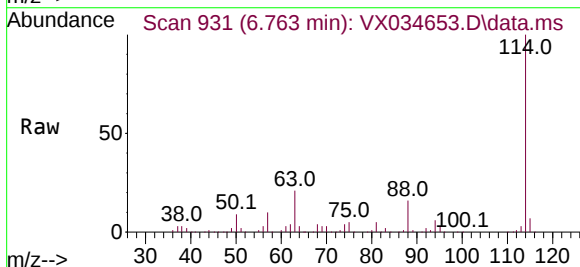
Tgt Ion: 114 Resp: 421557

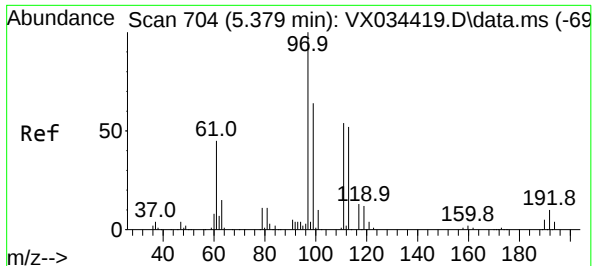
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.615 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034653.D

Acq: 21 Mar 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :

216

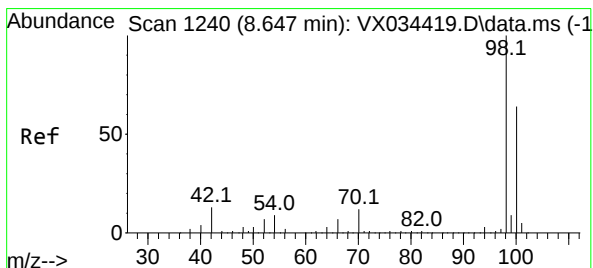
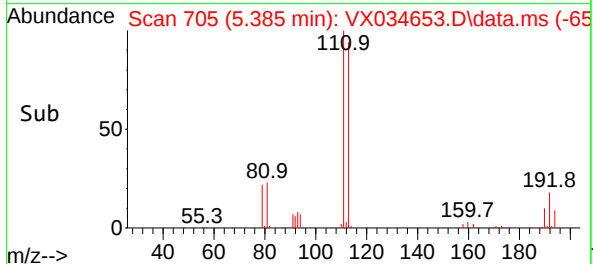
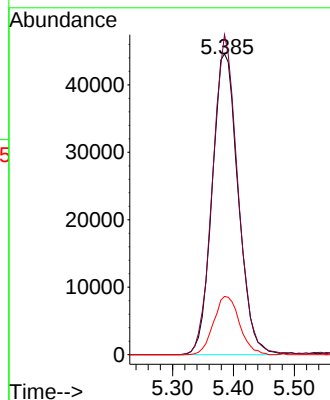
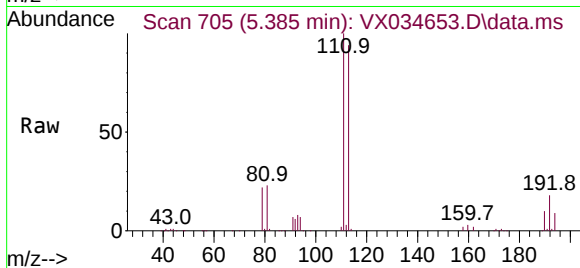
Tgt Ion:113 Resp: 132527

Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 50.437 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034653.D

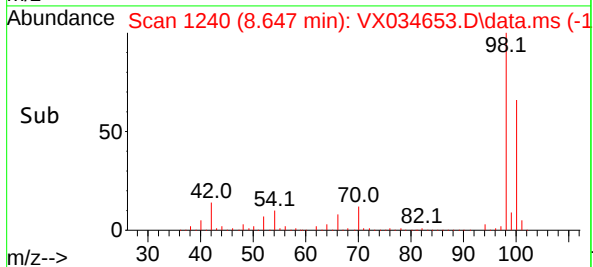
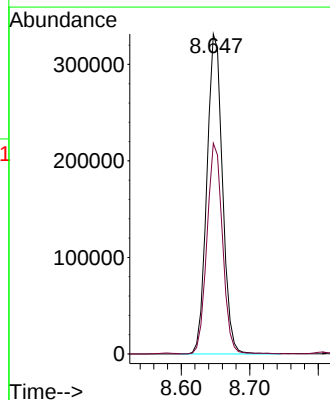
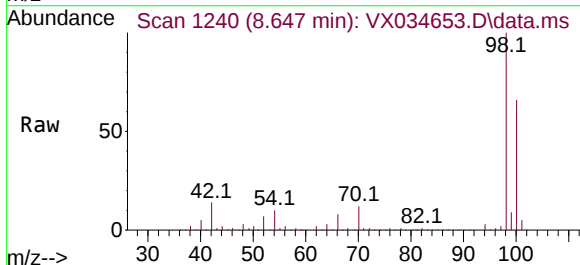
Acq: 21 Mar 2023 14:40

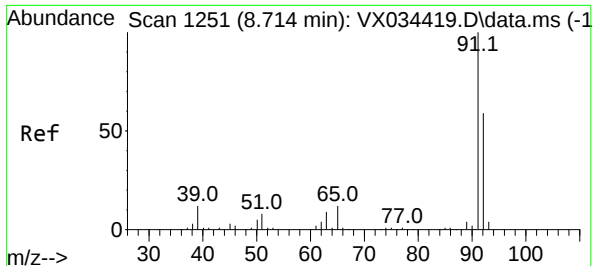
Tgt Ion: 98 Resp: 524054

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7





#52

Toluene

Concen: 3.535 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034653.D

Acq: 21 Mar 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :

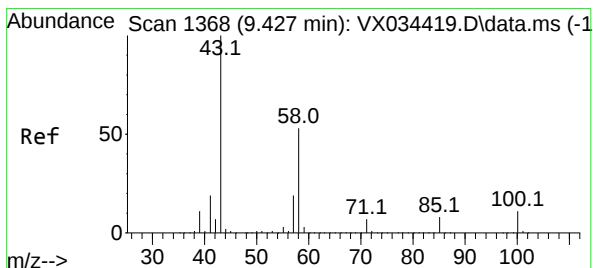
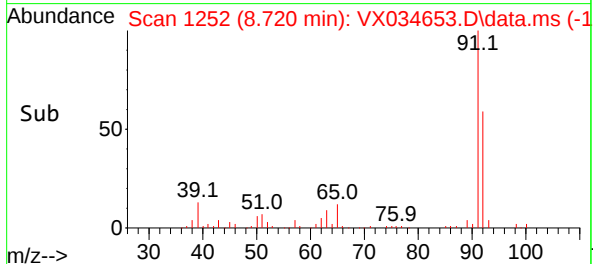
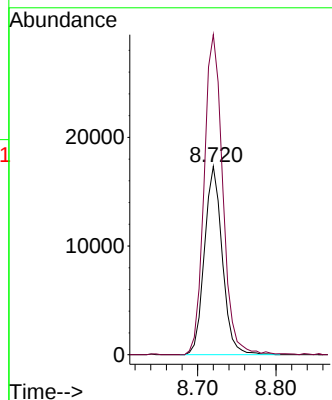
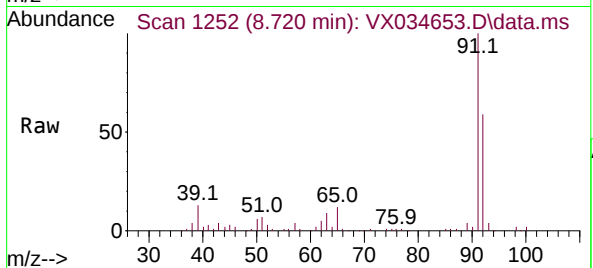
216

Tgt Ion: 92 Resp: 27367

Ion Ratio Lower Upper

92 100

91 177.7 136.8 205.2



#59

2-Hexanone

Concen: 15.222 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX034653.D

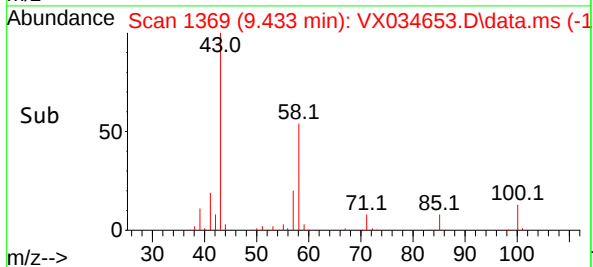
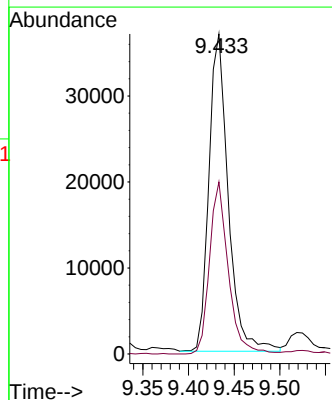
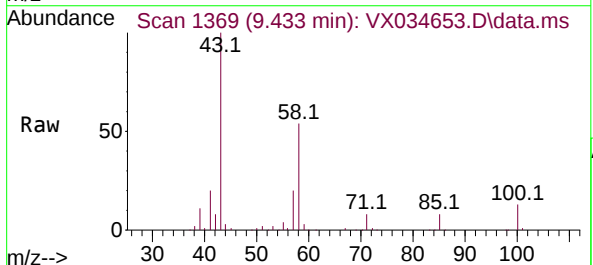
Acq: 21 Mar 2023 14:40

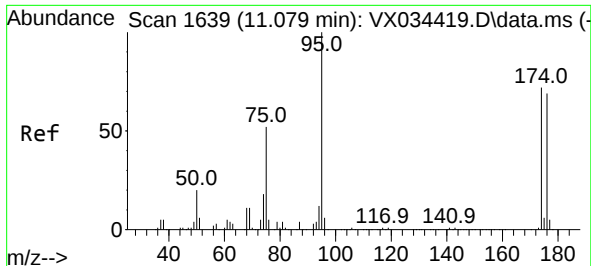
Tgt Ion: 43 Resp: 54008

Ion Ratio Lower Upper

43 100

58 52.8 26.3 78.9

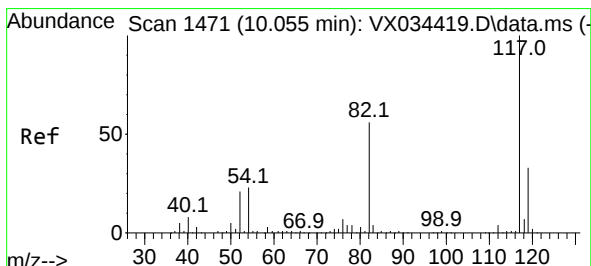
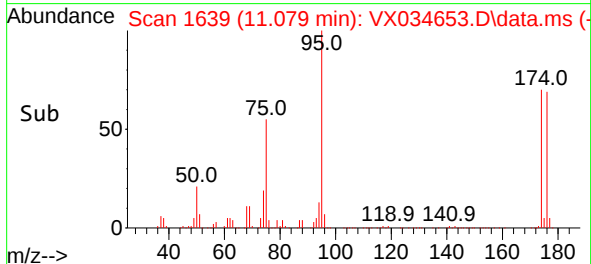
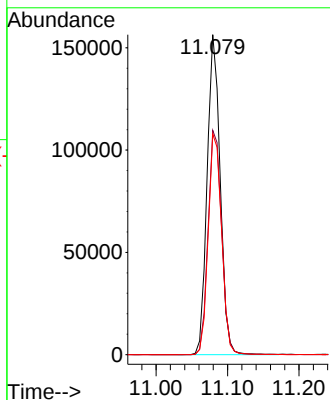
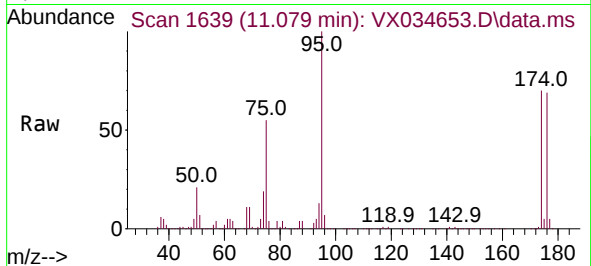




#62
4-Bromofluorobenzene
Concen: 47.343 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

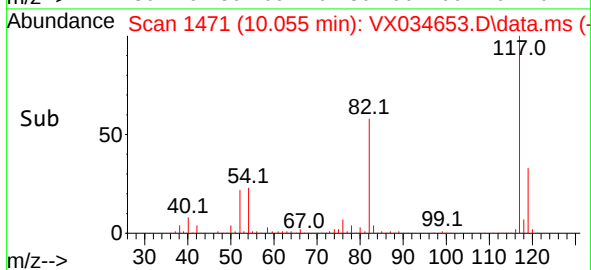
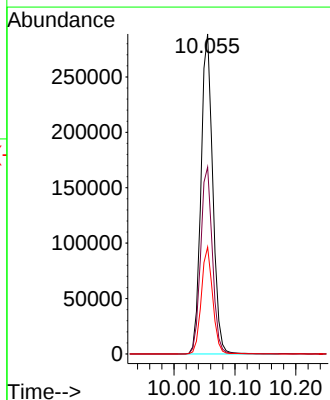
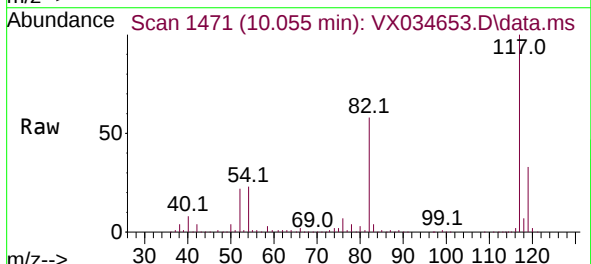
Instrument :
MSVOA_X
ClientSampleId :
216

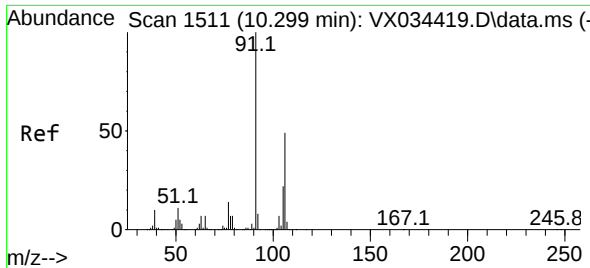
Tgt Ion: 95 Resp: 198693
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.4
176 70.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

Tgt Ion: 117 Resp: 387540
Ion Ratio Lower Upper
117 100
82 58.4 45.0 67.4
119 33.4 26.0 39.0

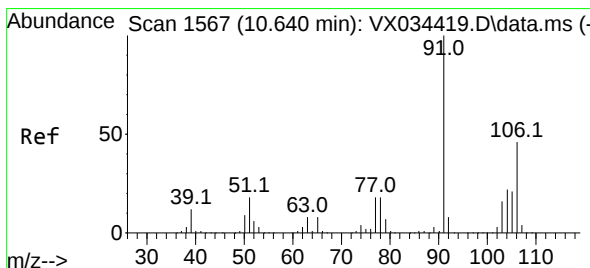
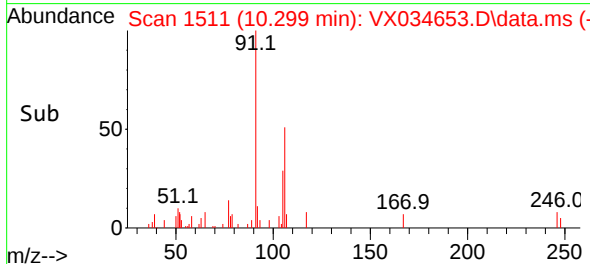
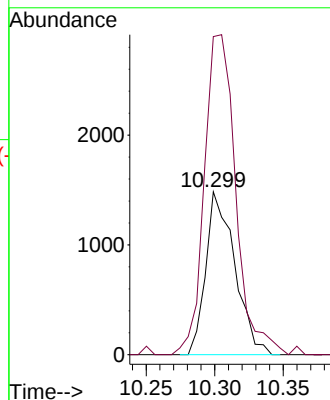
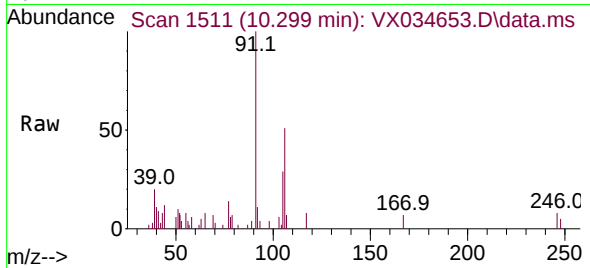




#68
m/p-Xylenes
Concen: 0.373 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

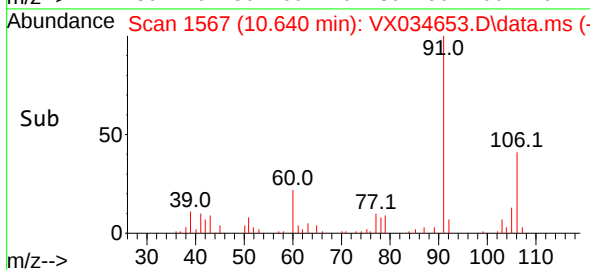
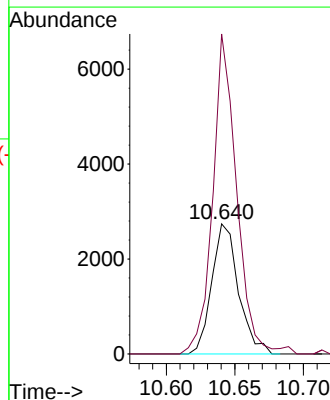
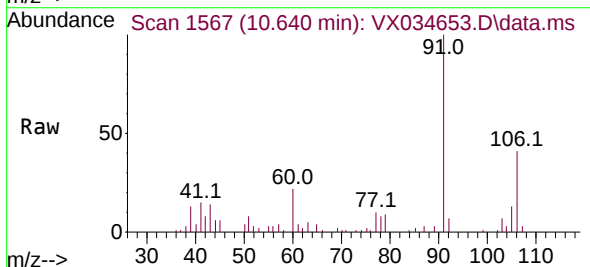
Instrument :
MSVOA_X
ClientSampleId :
216

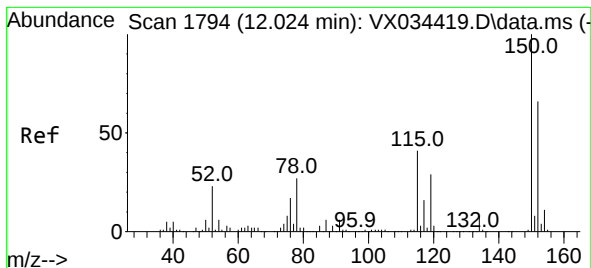
Tgt Ion:106 Resp: 2179
Ion Ratio Lower Upper
106 100
91 213.4 164.0 246.0



#69
o-Xylene
Concen: 0.632 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

Tgt Ion:106 Resp: 3711
Ion Ratio Lower Upper
106 100
91 220.1 108.5 325.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034653.D

Acq: 21 Mar 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :

216

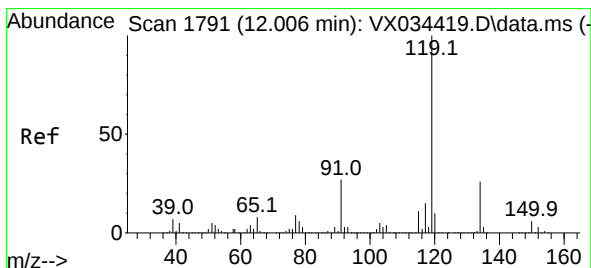
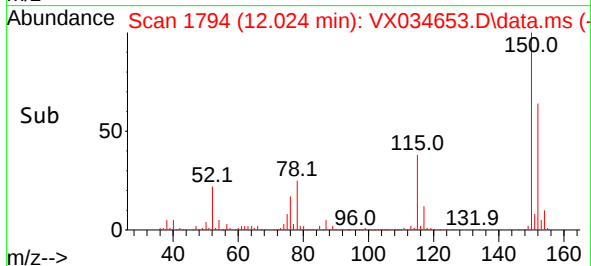
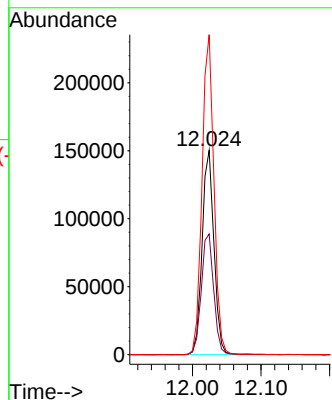
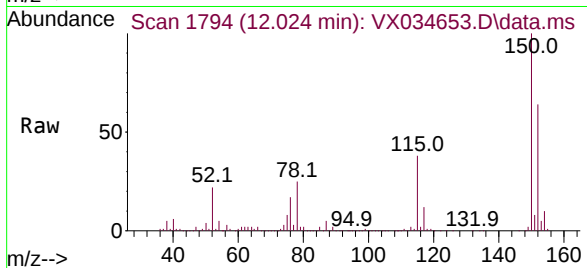
Tgt Ion:152 Resp: 181194

Ion Ratio Lower Upper

152 100

115 61.8 45.0 135.0

150 157.1 0.0 352.4



#86

p-Isopropyltoluene

Concen: 1.147 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX034653.D

Acq: 21 Mar 2023 14:40

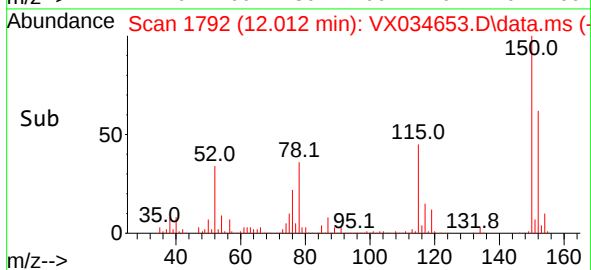
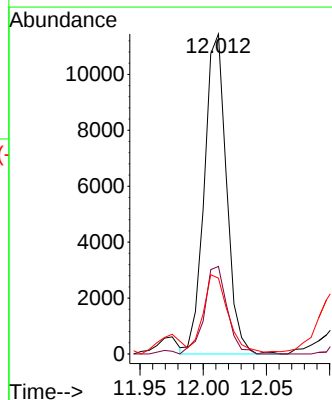
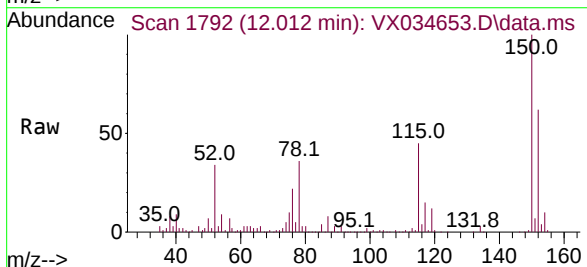
Tgt Ion:119 Resp: 13963

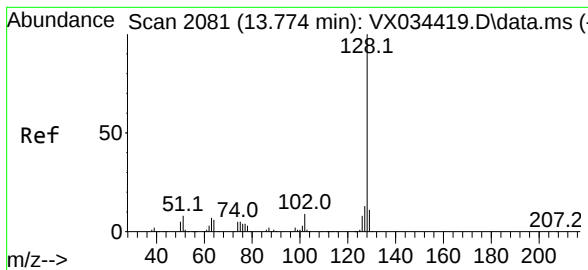
Ion Ratio Lower Upper

119 100

134 28.2 13.2 39.5

91 26.8 12.9 38.7





#95
Naphthalene
Concen: 0.924 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034653.D
Acq: 21 Mar 2023 14:40

Instrument :
MSVOA_X
ClientSampleId :
216

Tgt Ion:	128	Resp:	12325
Ion Ratio	Lower	Upper	
128	100		
127	14.9	10.2	15.4
129	13.3	8.6	13.0#

