

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038387.D
 Acq On : 19 Oct 2023 16:10
 Operator : JC/MD
 Sample : 04966-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 231013059-VOADL

Quant Time: Oct 20 03:42:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

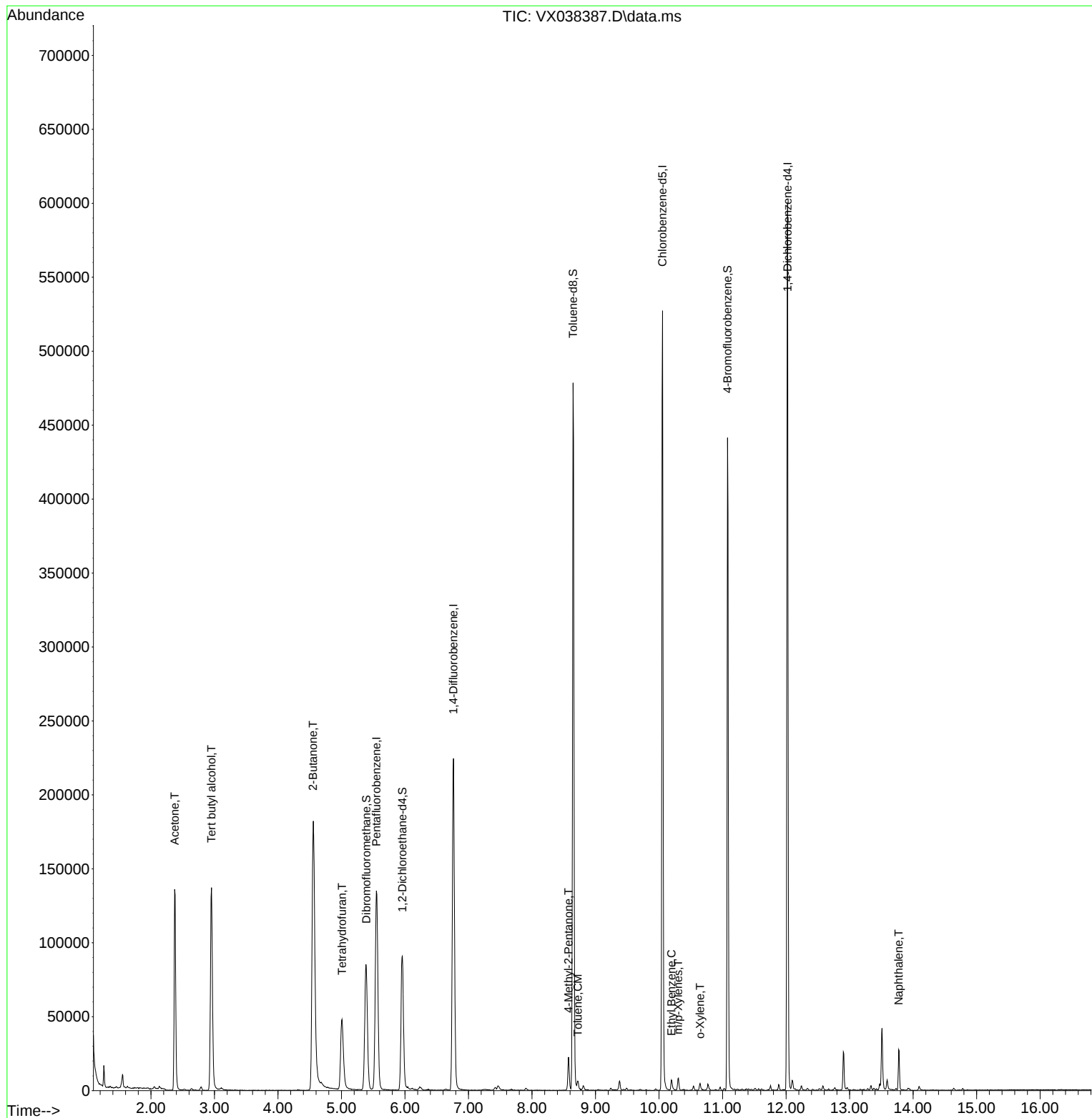
Internal Standards						
1) Pentafluorobenzene	5.550	168	129389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90257	43.369	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.740%		
35) Dibromofluoromethane	5.391	113	73234	44.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.520%		
50) Toluene-d8	8.647	98	287767	45.513	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.020%#		
62) 4-Bromofluorobenzene	11.079	95	110475	46.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.180%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	148540	326.737	ug/l #	91
16) Acetone	2.373	43	142880	164.502	ug/l	95
25) 2-Butanone	4.550	43	213407	152.281	ug/l	93
29) Tetrahydrofuran	5.007	42	41951	45.979	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	12834	4.599	ug/l	99
52) Toluene	8.720	92	1741	0.419	ug/l	87
67) Ethyl Benzene	10.195	91	4196	0.474	ug/l	91
68) m/p-Xylenes	10.299	106	2034	0.595	ug/l	95
69) o-Xylene	10.646	106	1039	0.311	ug/l	95
95) Naphthalene	13.774	128	17906	1.935	ug/l	99

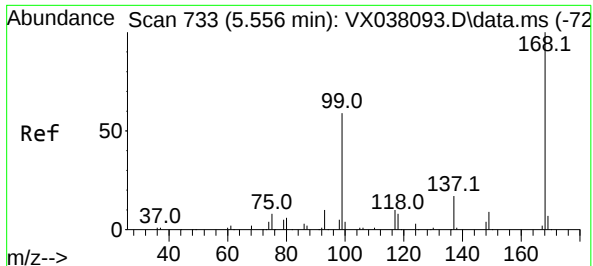
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
Data File : VX038387.D
Acq On : 19 Oct 2023 16:10
Operator : JC/MD
Sample : 04966-01DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231013059-VOADL

Quant Time: Oct 20 03:42:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

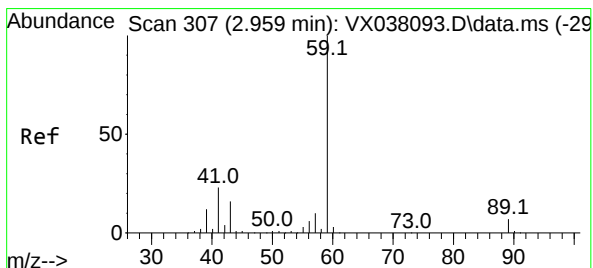
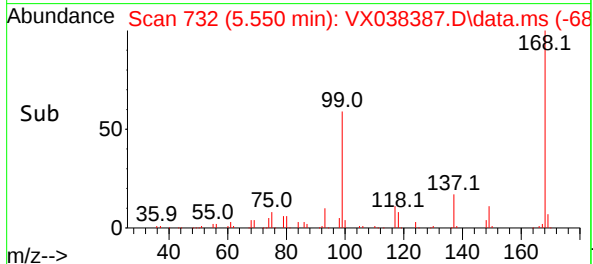
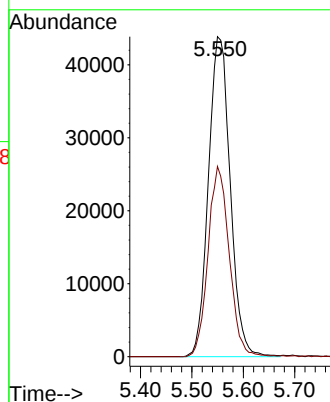
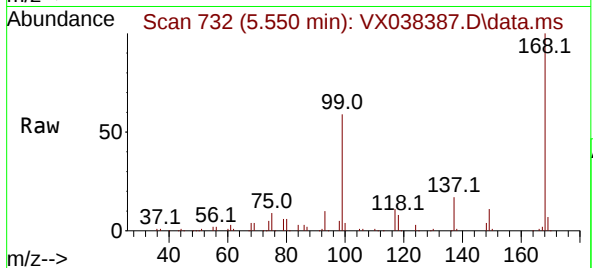




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

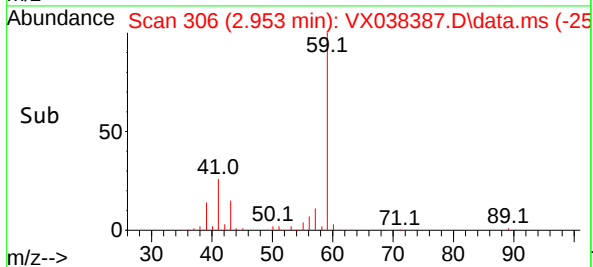
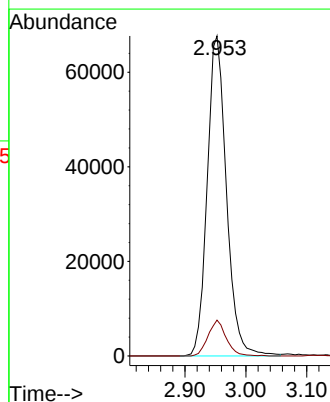
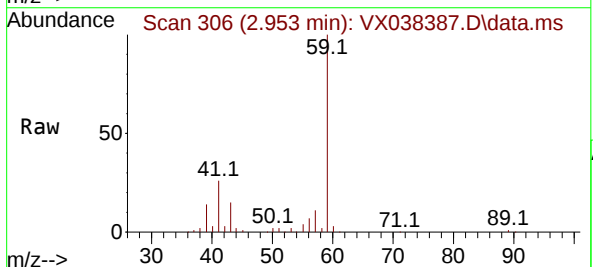
Instrument :
MSVOA_X
ClientSampleId :
231013059-VOADL

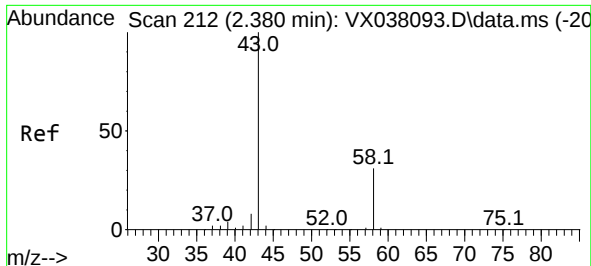
Tgt Ion:168 Resp: 129389
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 326.737 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

Tgt Ion: 59 Resp: 148540
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0#

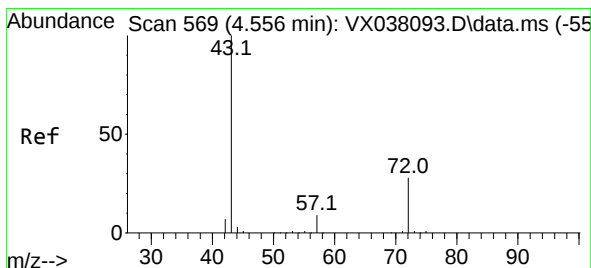
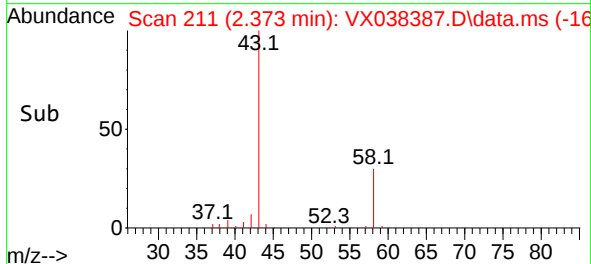
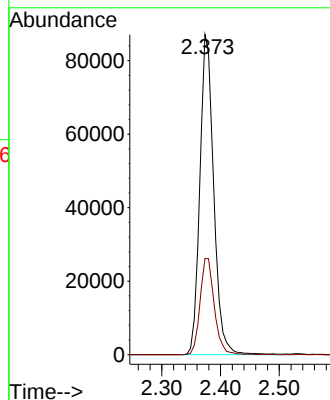
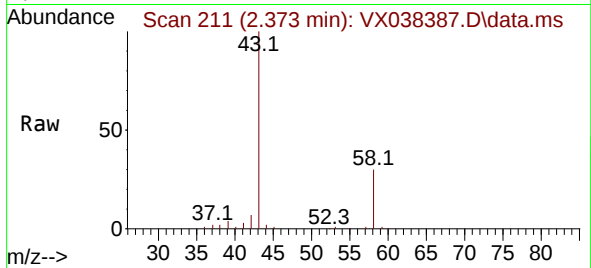




#16
Acetone
Concen: 164.502 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

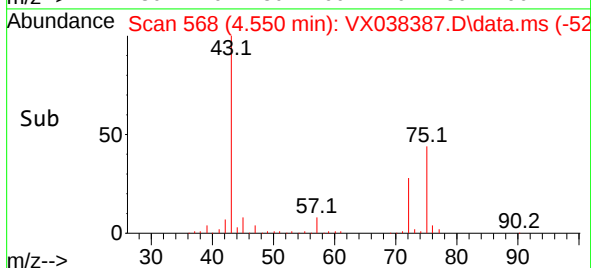
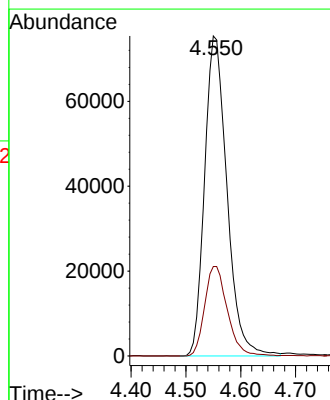
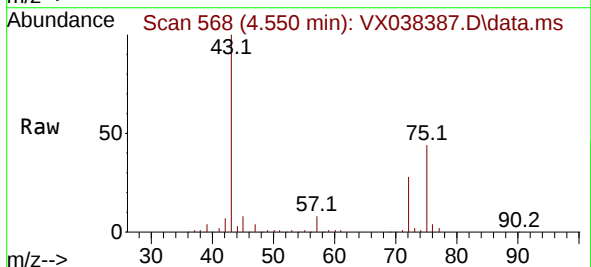
Instrument :
MSVOA_X
ClientSampleId :
231013059-VOADL

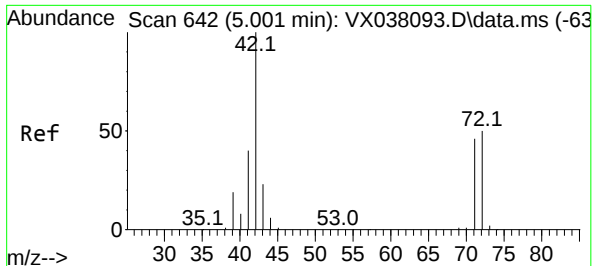
Tgt Ion: 43 Resp: 142880
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9



#25
2-Butanone
Concen: 152.281 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

Tgt Ion: 43 Resp: 213407
Ion Ratio Lower Upper
43 100
72 28.0 19.4 29.2





#29

Tetrahydrofuran

Concen: 45.979 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038387.D

Acq: 19 Oct 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

231013059-VOADL

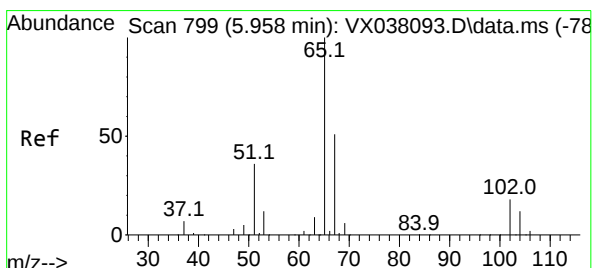
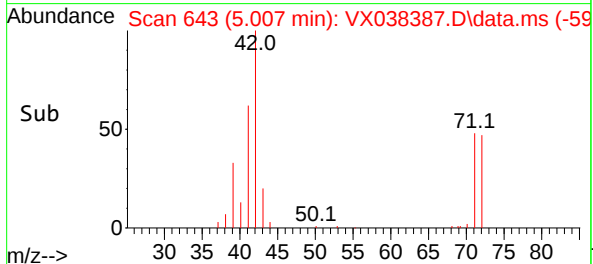
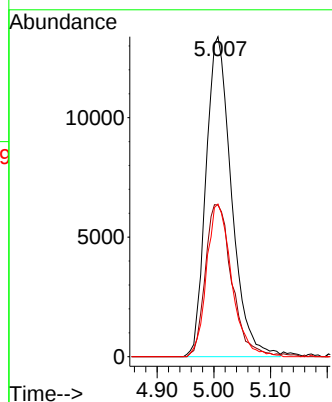
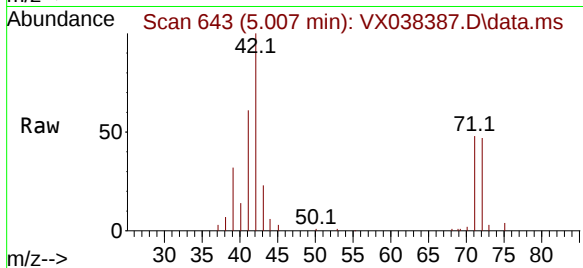
Tgt Ion: 42 Resp: 41951

Ion Ratio Lower Upper

42 100

72 49.7 34.2 51.4

71 46.9 32.2 48.2



#33

1,2-Dichloroethane-d4

Concen: 43.369 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038387.D

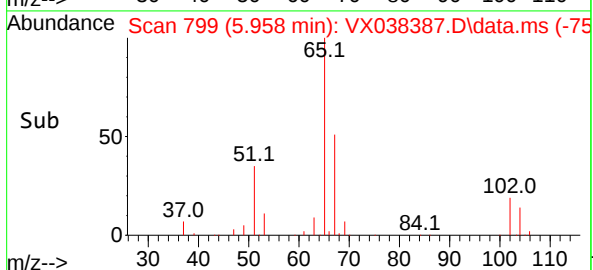
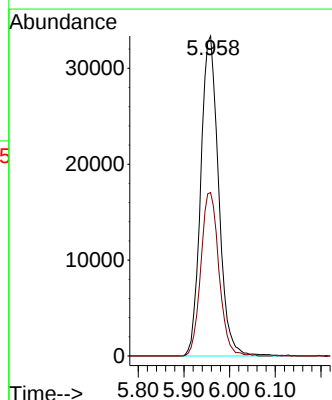
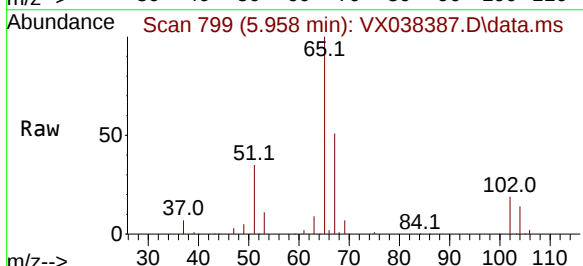
Acq: 19 Oct 2023 16:10

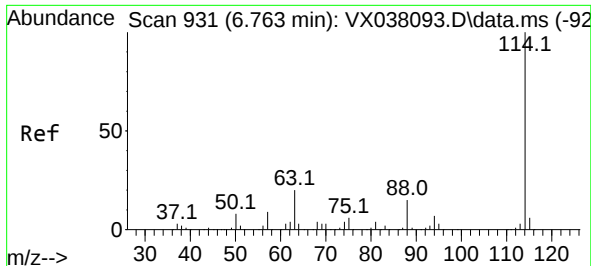
Tgt Ion: 65 Resp: 90257

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

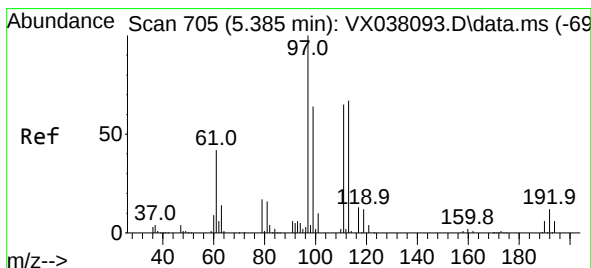
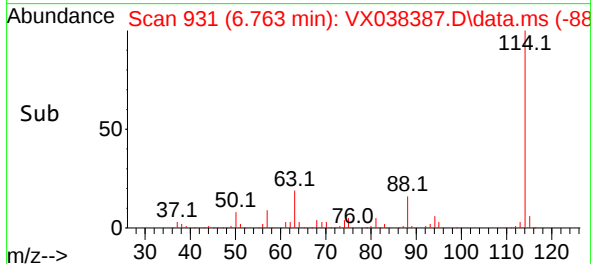
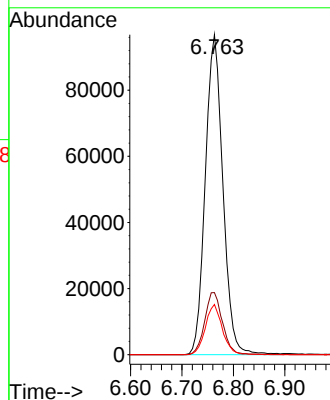
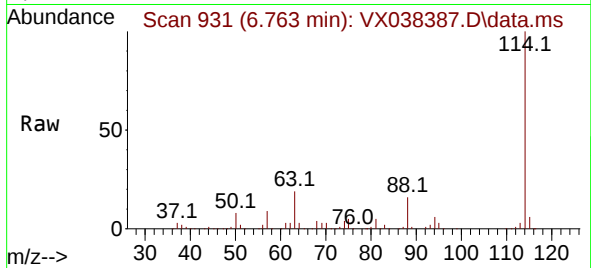




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

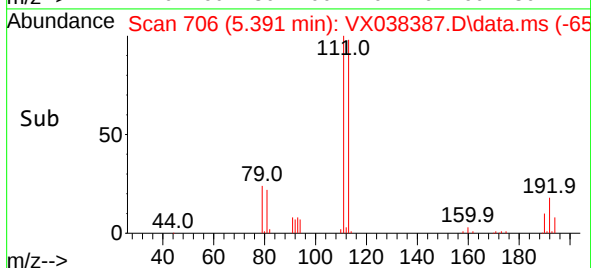
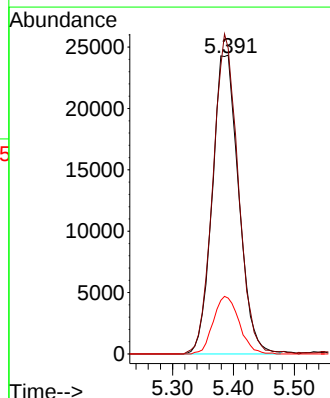
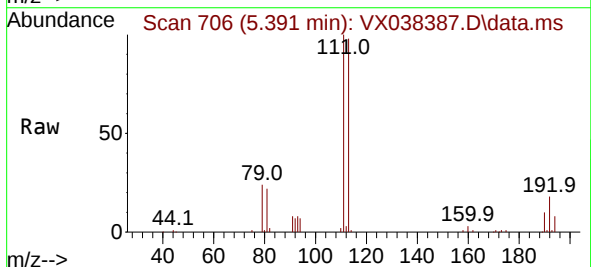
Instrument :
MSVOA_X
ClientSampleId :
231013059-VOADL

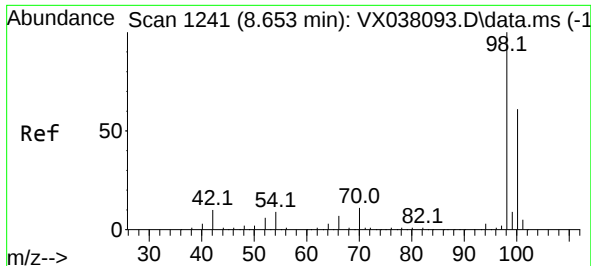
Tgt Ion:114 Resp: 229632
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.260 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

Tgt Ion:113 Resp: 73234
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.9 13.3 19.9

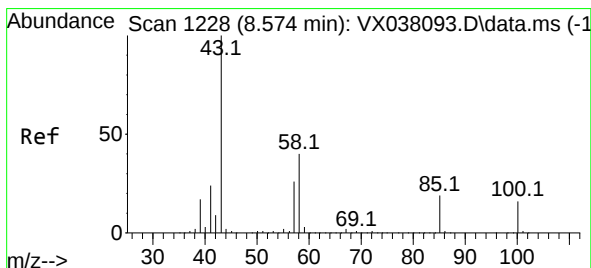
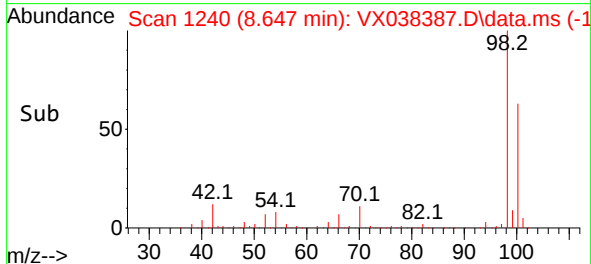
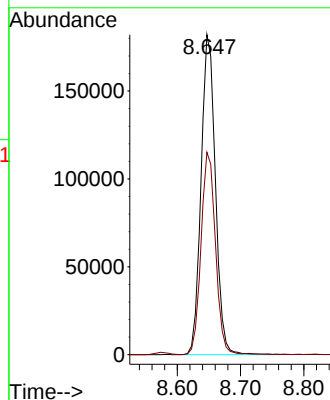
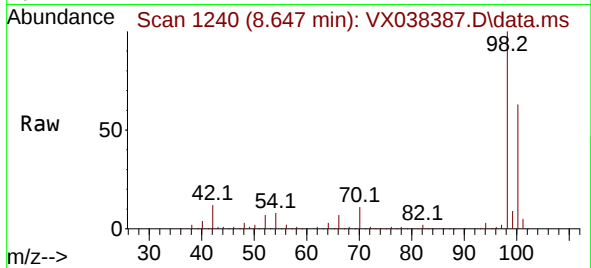




#50
Toluene-d8
Concen: 45.513 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

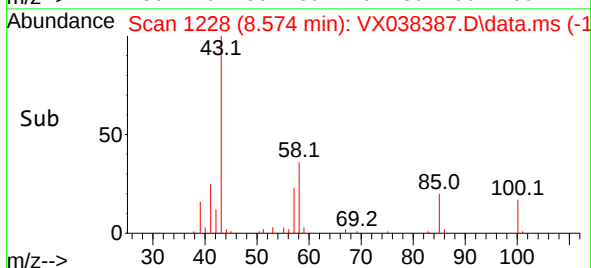
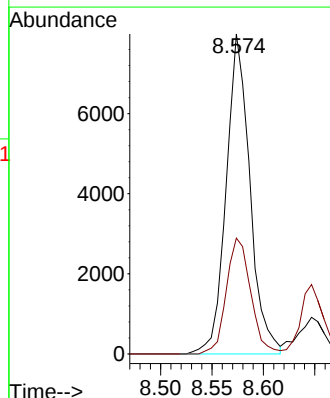
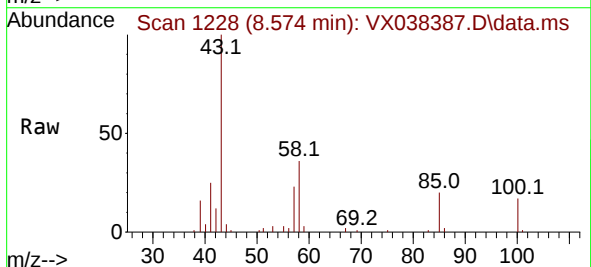
Instrument :
MSVOA_X
ClientSampleId :
231013059-VOADL

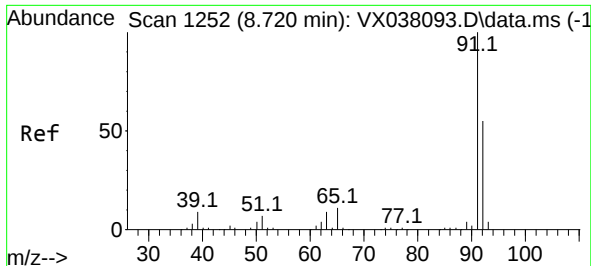
Tgt Ion: 98 Resp: 287767
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 4.599 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

Tgt Ion: 43 Resp: 12834
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

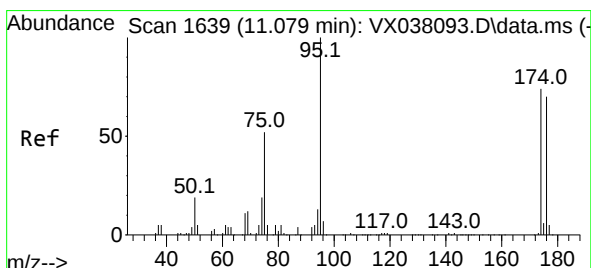
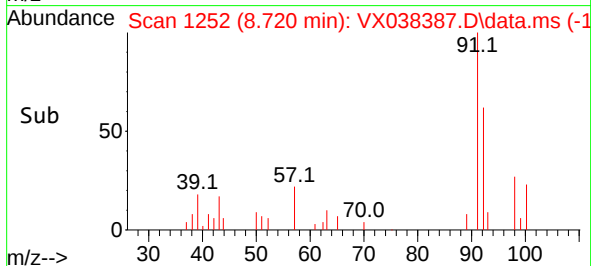
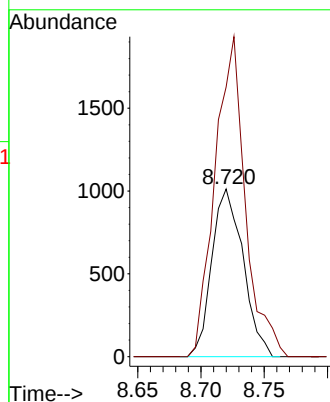
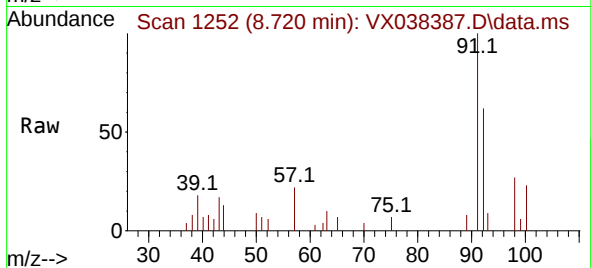




#52
Toluene
Concen: 0.419 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

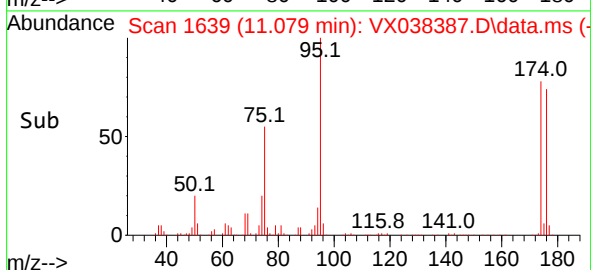
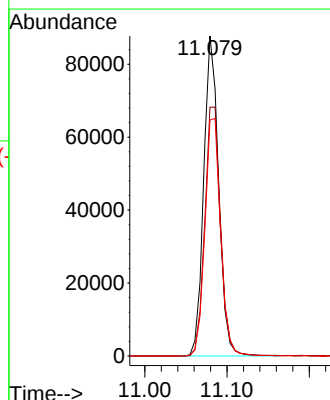
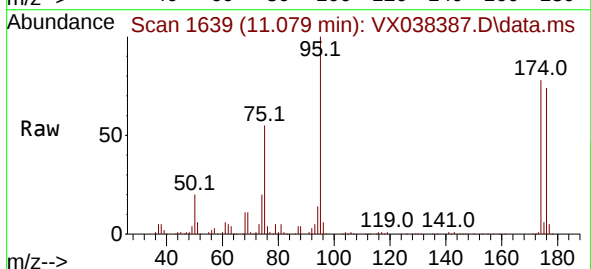
Instrument :
MSVOA_X
ClientSampleId :
231013059-VOADL

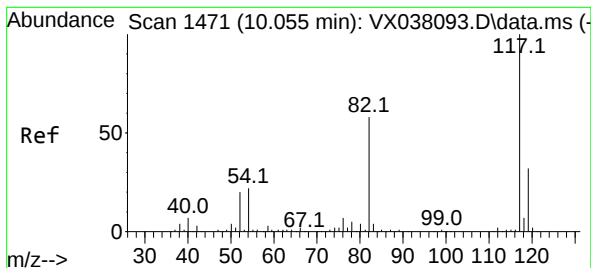
Tgt Ion: 92 Resp: 1741
Ion Ratio Lower Upper
92 100
91 185.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.088 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

Tgt Ion: 95 Resp: 110475
Ion Ratio Lower Upper
95 100
174 82.9 0.0 135.6
176 78.4 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: VX038387.D

Acq: 19 Oct 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

231013059-VOADL

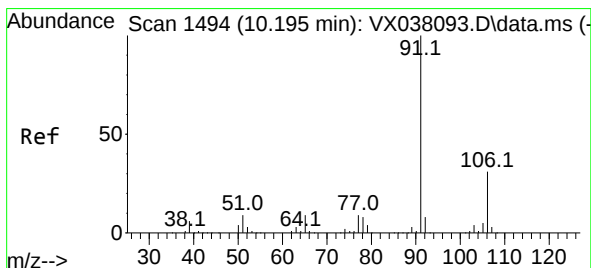
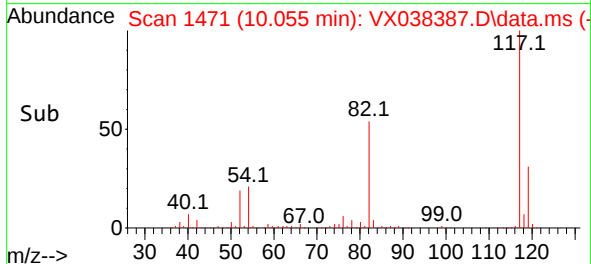
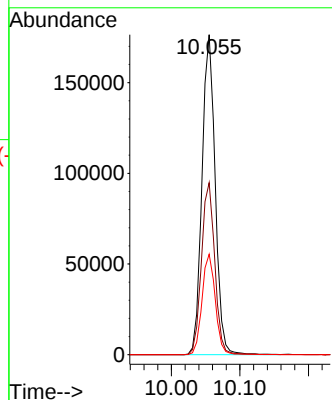
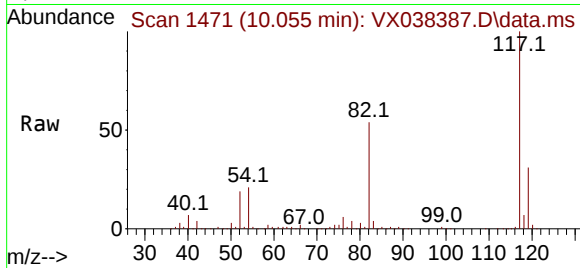
Tgt Ion:117 Resp: 236831

Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 31.4 25.5 38.3



#67

Ethyl Benzene

Concen: 0.474 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038387.D

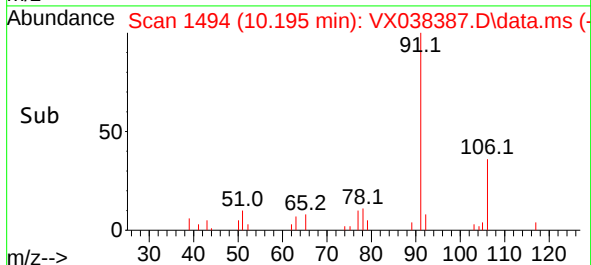
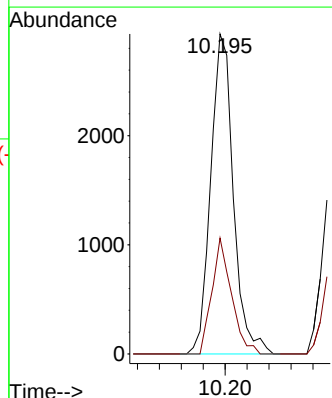
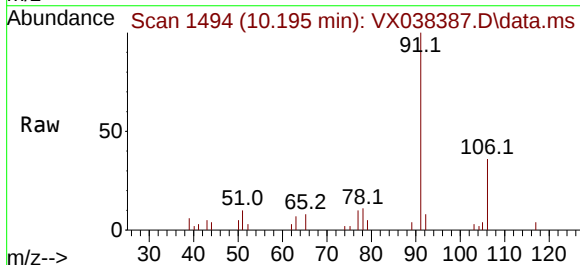
Acq: 19 Oct 2023 16:10

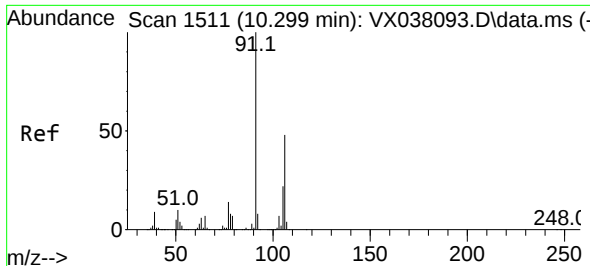
Tgt Ion: 91 Resp: 4196

Ion Ratio Lower Upper

91 100

106 36.2 24.9 37.3

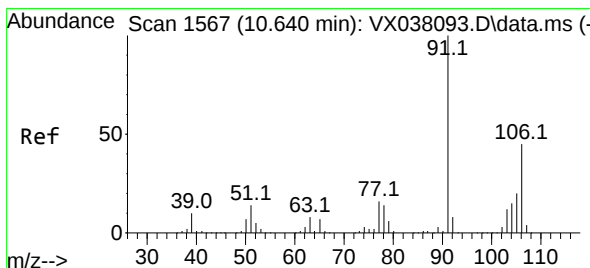
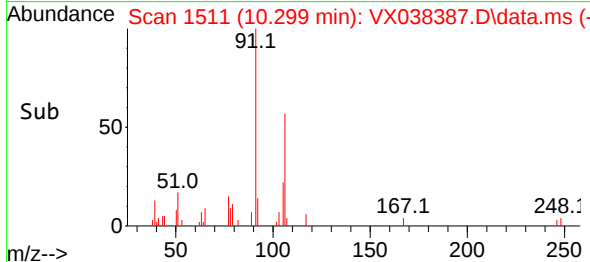
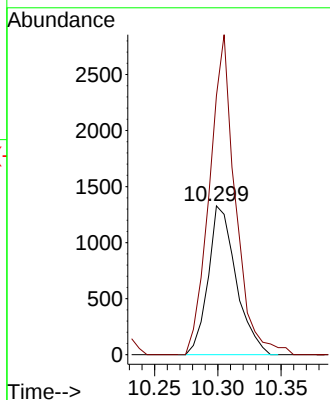
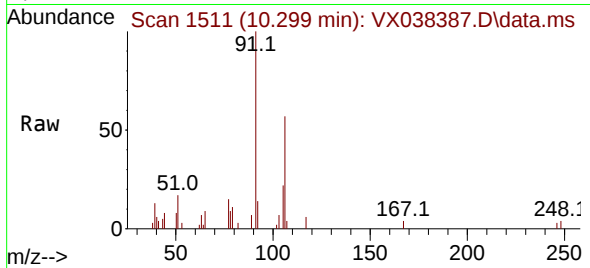




#68
m/p-Xylenes
Concen: 0.595 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

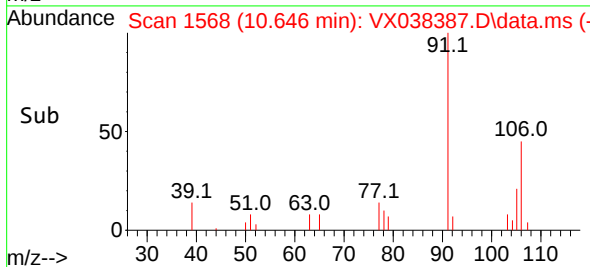
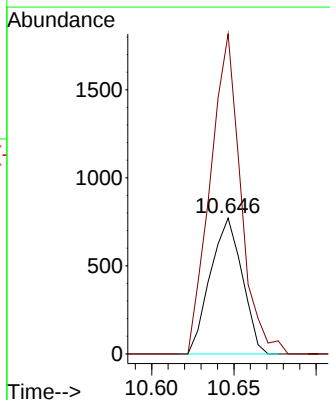
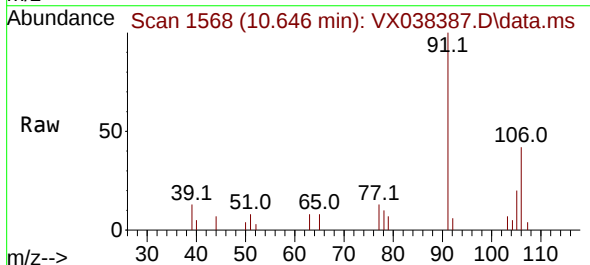
Instrument :
MSVOA_X
ClientSampleId :
231013059-VOADL

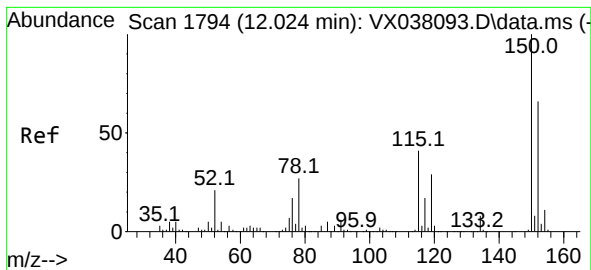
Tgt Ion:106 Resp: 2034
Ion Ratio Lower Upper
106 100
91 199.7 165.5 248.3



#69
o-Xylene
Concen: 0.311 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038387.D
Acq: 19 Oct 2023 16:10

Tgt Ion:106 Resp: 1039
Ion Ratio Lower Upper
106 100
91 225.1 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038387.D

Acq: 19 Oct 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

231013059-VOADL

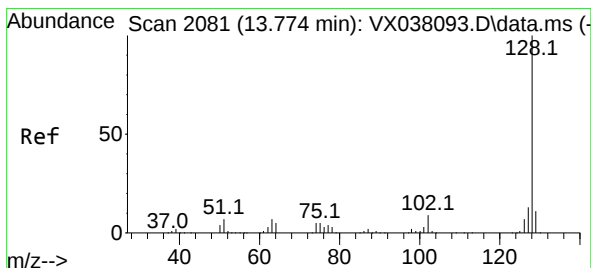
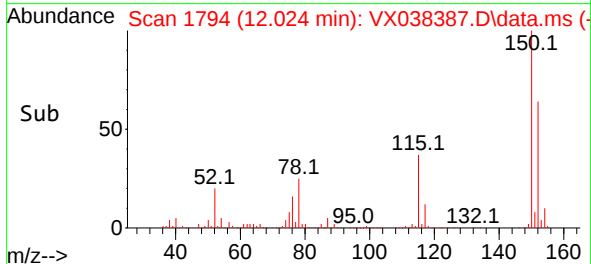
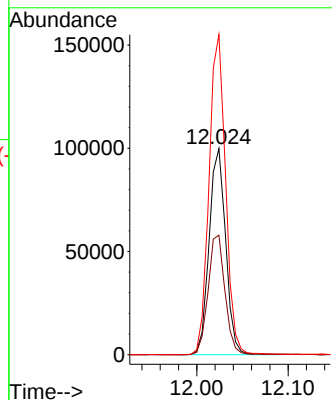
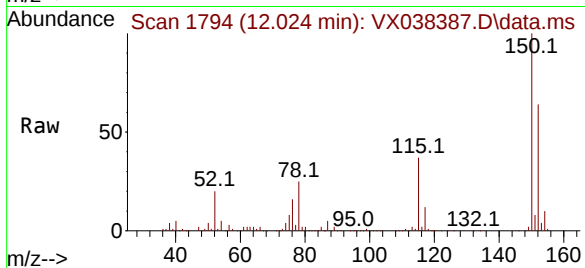
Tgt Ion:152 Resp: 125343

Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 155.6 0.0 345.0



#95

Naphthalene

Concen: 1.935 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038387.D

Acq: 19 Oct 2023 16:10

Tgt Ion:128 Resp: 17906

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.0 8.8 13.2

