

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037522.D
 Acq On : 05 Sep 2023 19:14
 Operator : JC/MD
 Sample : 04273-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1815

Quant Time: Sep 06 02:59:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

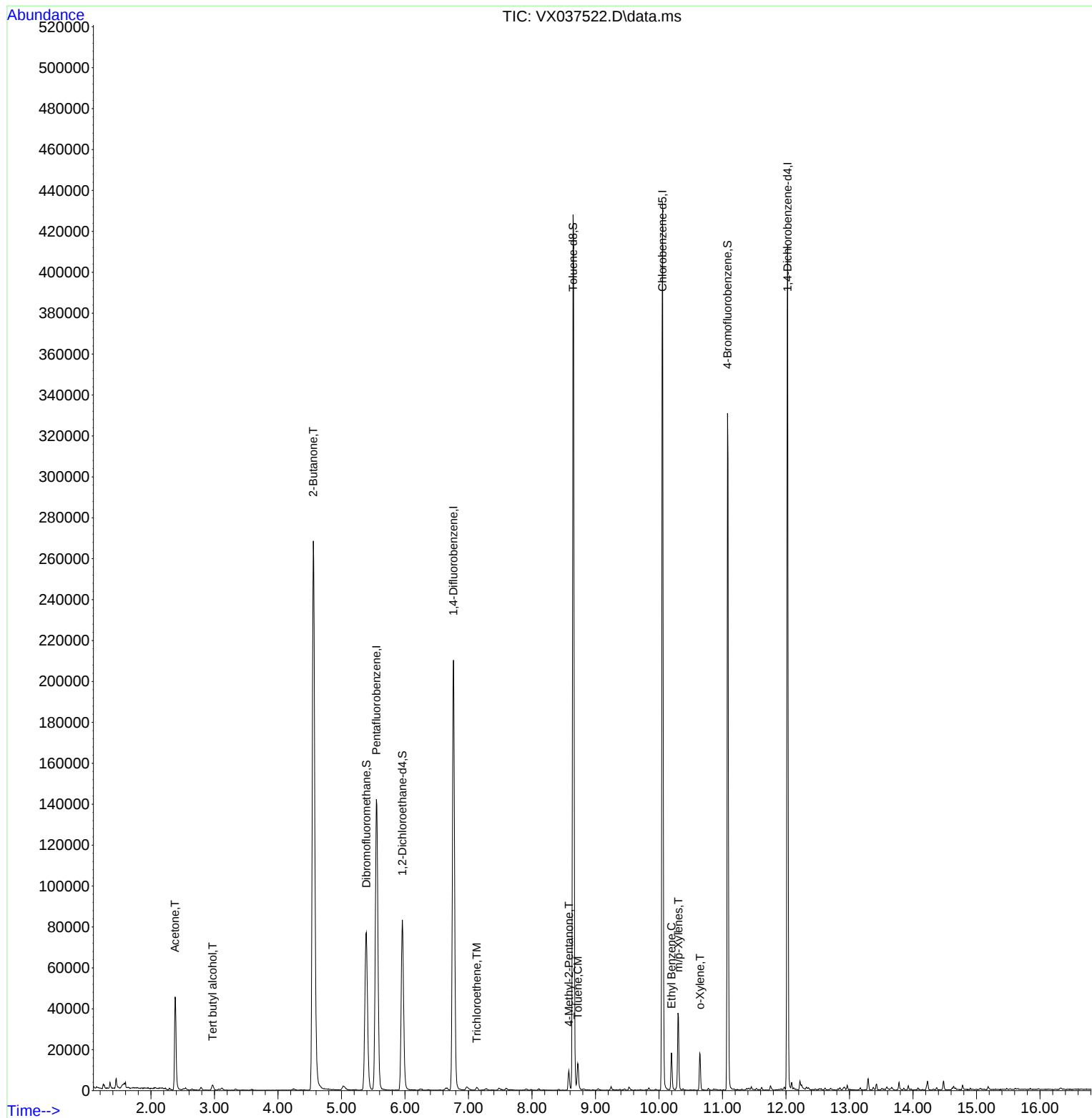
Internal Standards						
1) Pentafluorobenzene	5.550	168	135797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81556	41.658	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.320%
35) Dibromofluoromethane	5.391	113	70194	46.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	8.647	98	268805	49.142	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	96179	44.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	3095	6.739	ug/l	96
16) Acetone	2.380	43	49338	64.419	ug/l #	86
25) 2-Butanone	4.556	43	452973	392.795	ug/l #	84
44) Trichloroethene	7.129	130	582	0.334	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	5596m	2.652	ug/l	
52) Toluene	8.720	92	5214	1.284	ug/l	100
67) Ethyl Benzene	10.195	91	11316	1.495	ug/l	97
68) m/p-Xylenes	10.305	106	9204	3.149	ug/l	99
69) o-Xylene	10.647	106	4220	1.463	ug/l	99

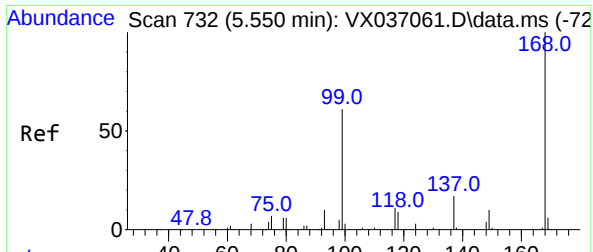
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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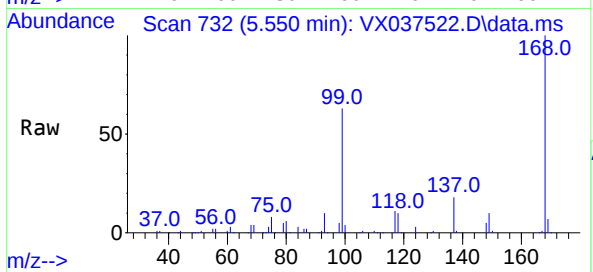
Quant Time: Sep 06 02:59:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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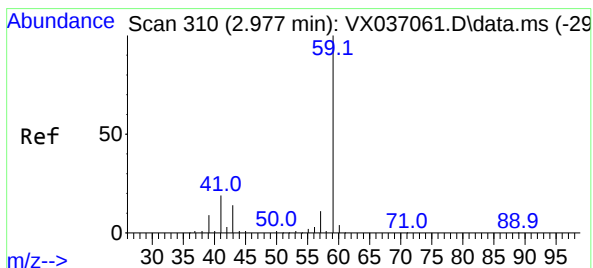
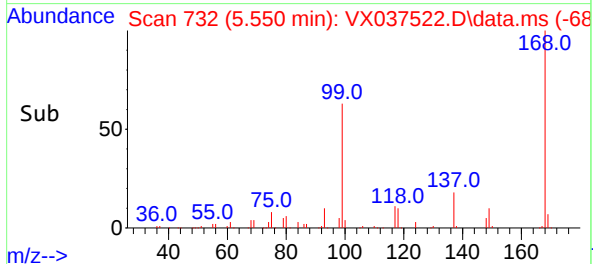
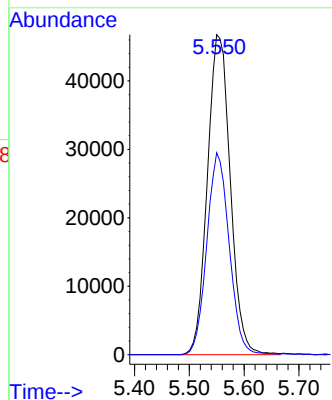


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

Instrument :
MSVOA_X
ClientSampleId :
1815

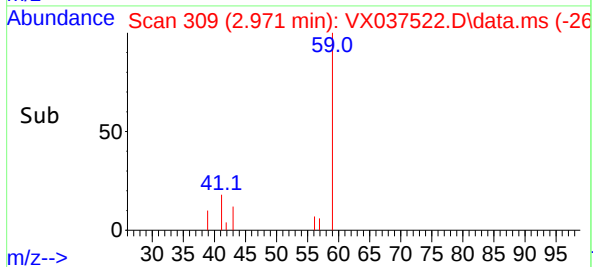
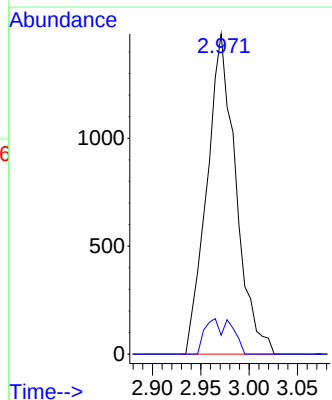
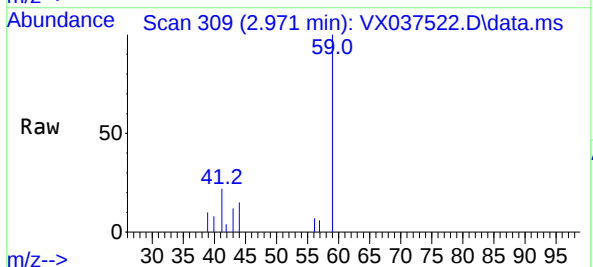


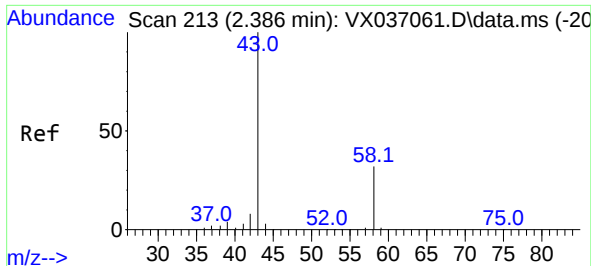
Tgt Ion:168 Resp: 135797
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.739 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

Tgt Ion: 59 Resp: 3095
Ion Ratio Lower Upper
59 100
57 6.0 6.0 9.0

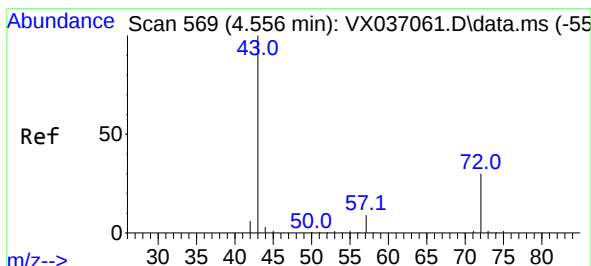
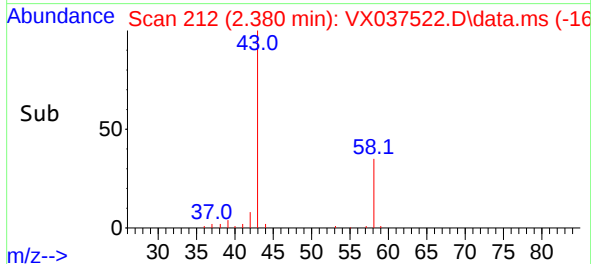
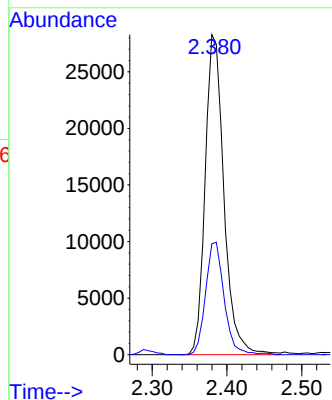
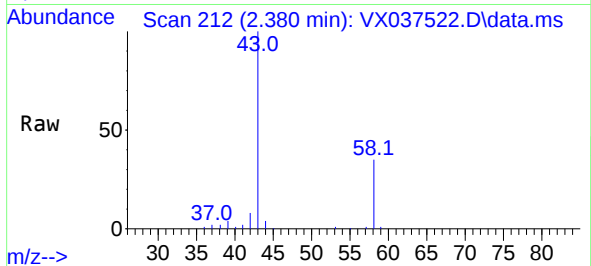




#16
Acetone
Concen: 64.419 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

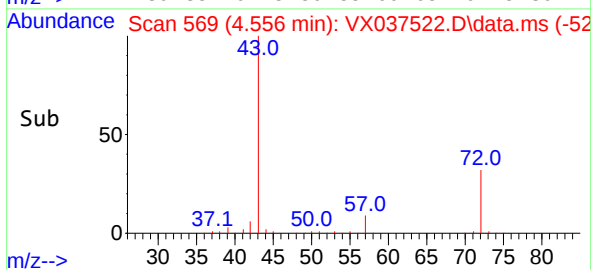
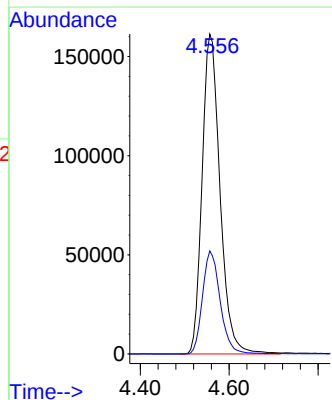
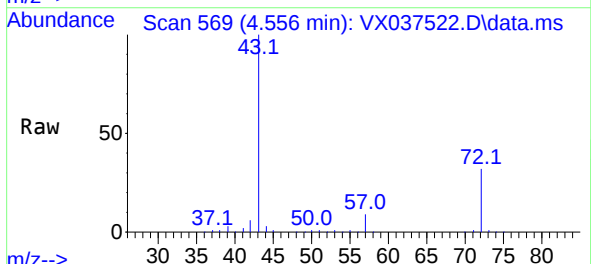
Instrument :
MSVOA_X
ClientSampleId :
1815

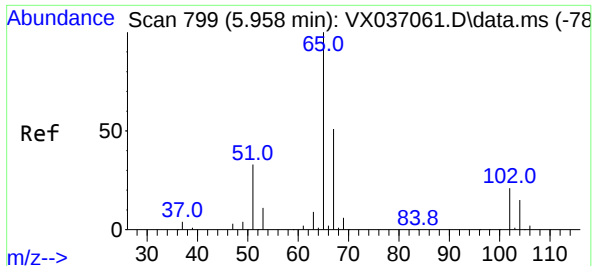
Tgt Ion: 43 Resp: 49338
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#



#25
2-Butanone
Concen: 392.795 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

Tgt Ion: 43 Resp: 452973
Ion Ratio Lower Upper
43 100
72 32.2 19.4 29.2#

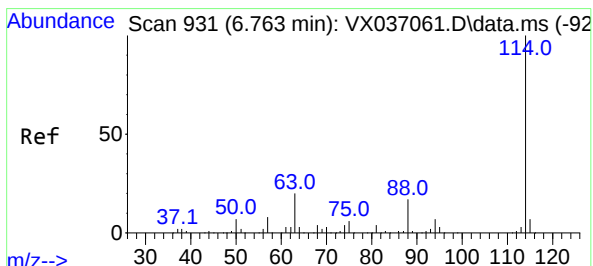
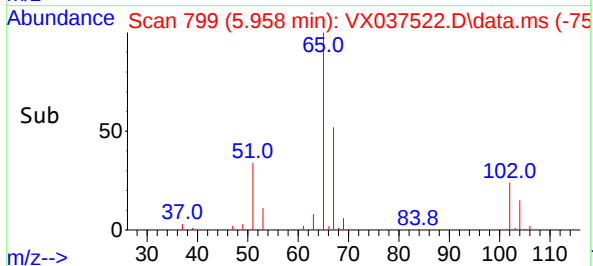
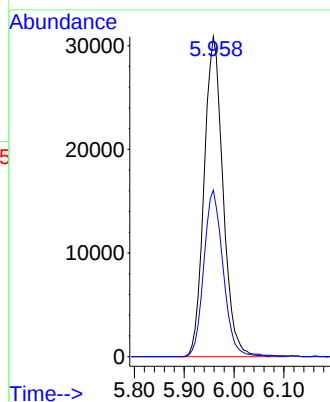
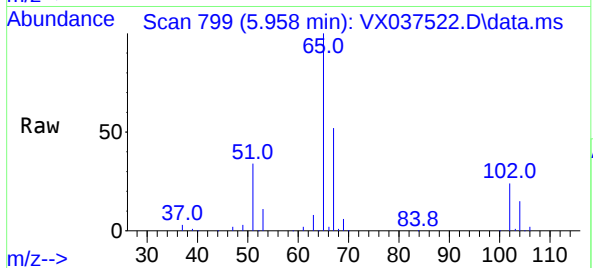




#33
1,2-Dichloroethane-d4
Concen: 41.658 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

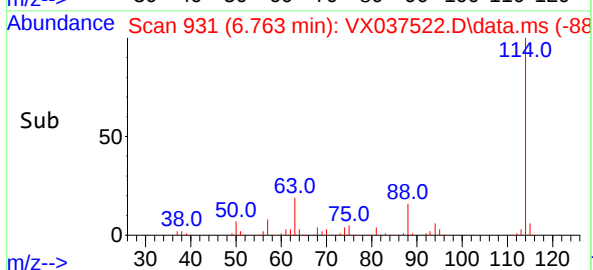
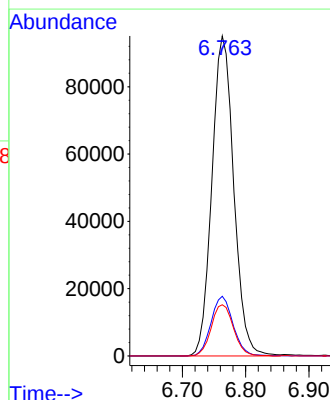
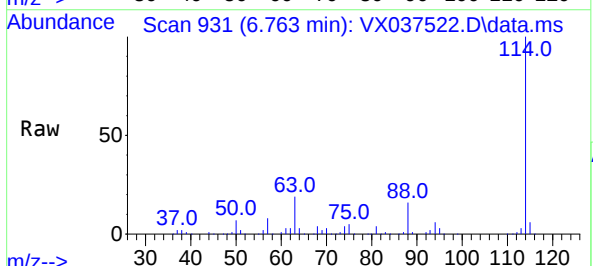
Instrument :
MSVOA_X
ClientSampleId :
1815

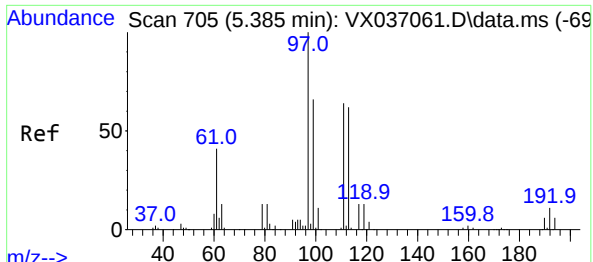
Tgt Ion: 65 Resp: 81556
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

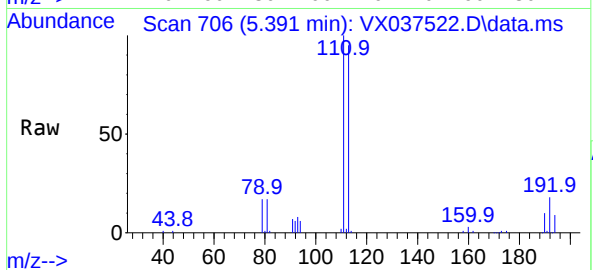
Tgt Ion: 114 Resp: 227693
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 16.0 0.0 36.6



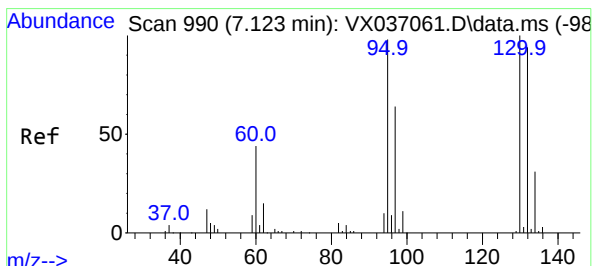
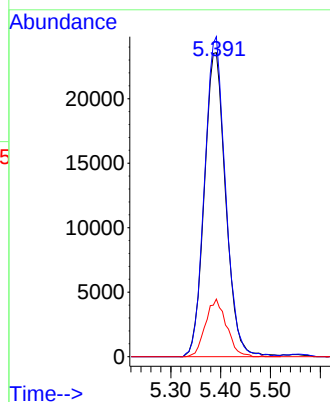
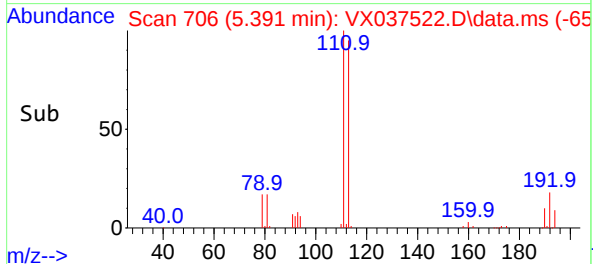


#35
Dibromofluoromethane
Concen: 46.549 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

Instrument :
MSVOA_X
ClientSampleId :
1815

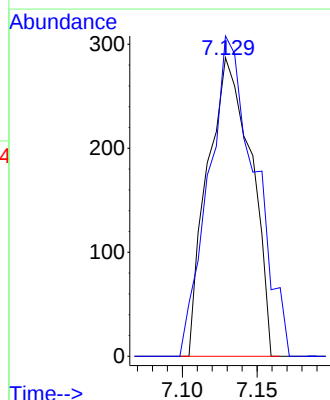
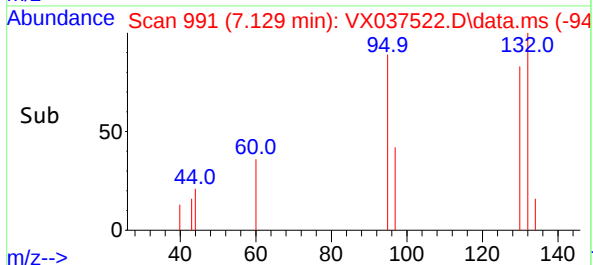
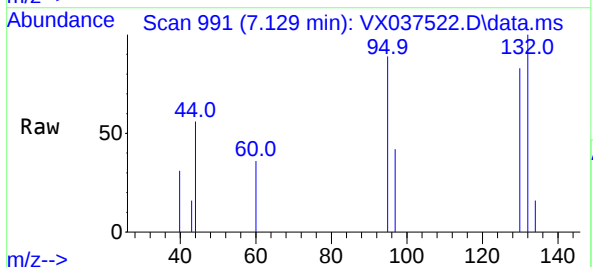


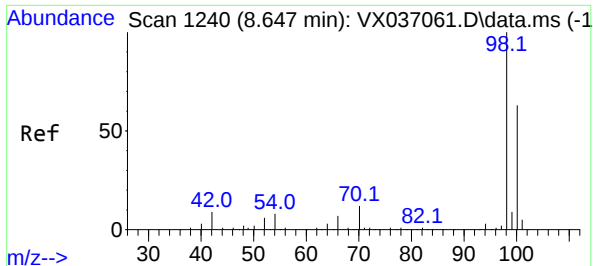
Tgt Ion:113 Resp: 70194
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.6 13.3 19.9



#44
Trichloroethene
Concen: 0.334 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

Tgt Ion:130 Resp: 582
Ion Ratio Lower Upper
130 100
95 107.3 0.0 204.4

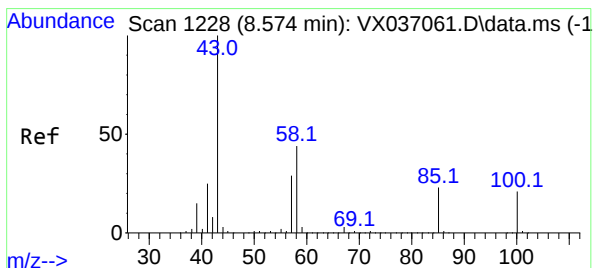
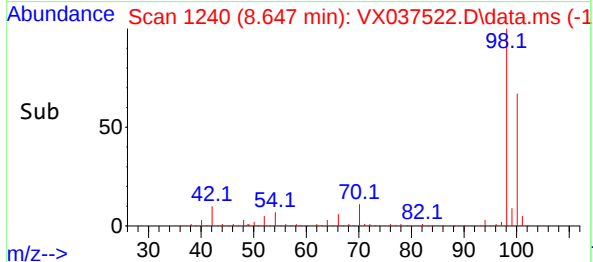
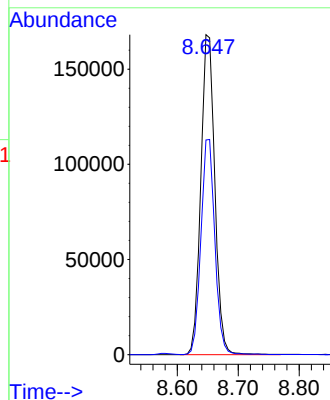
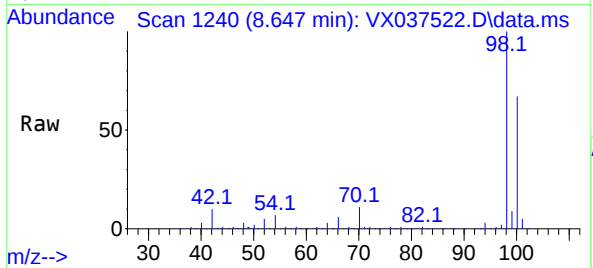




#50
Toluene-d8
Concen: 49.142 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

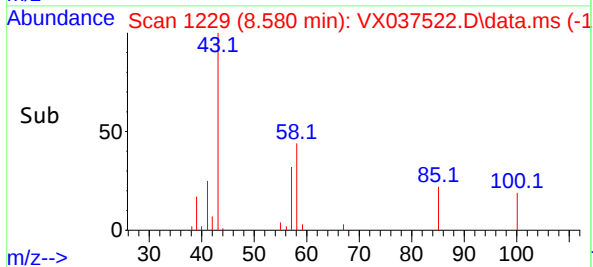
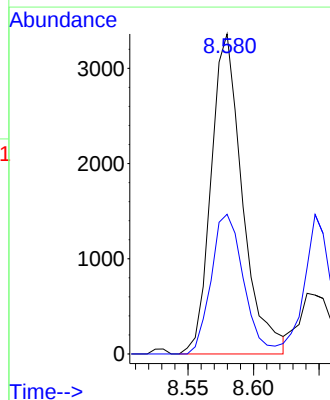
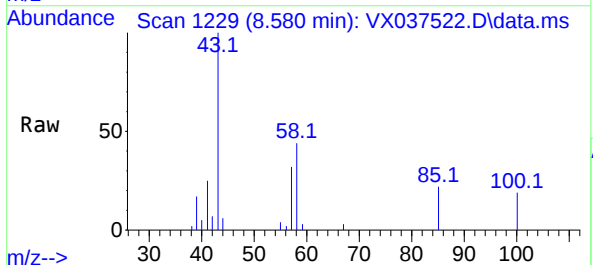
Instrument :
MSVOA_X
ClientSampleId :
1815

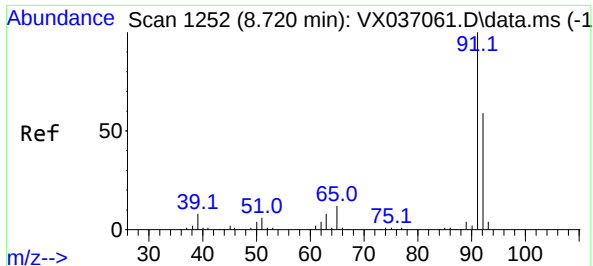
Tgt Ion: 98 Resp: 268805
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 2.652 ug/l m
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

Tgt Ion: 43 Resp: 5596
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#52

Toluene

Concen: 1.284 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037522.D

Acq: 05 Sep 2023 19:14

Instrument :

MSVOA_X

ClientSampleId :

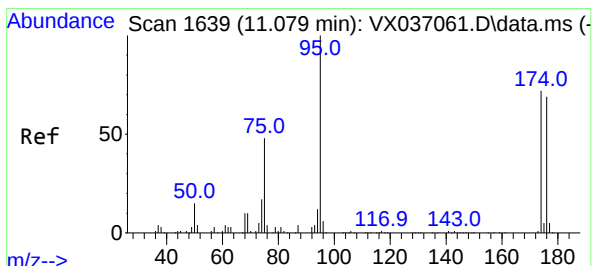
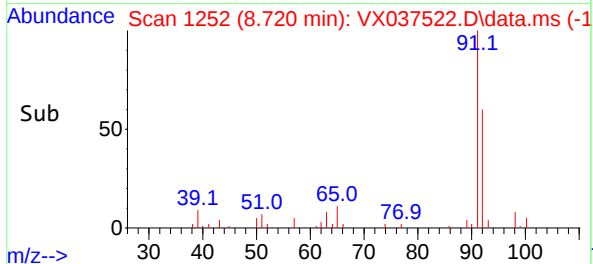
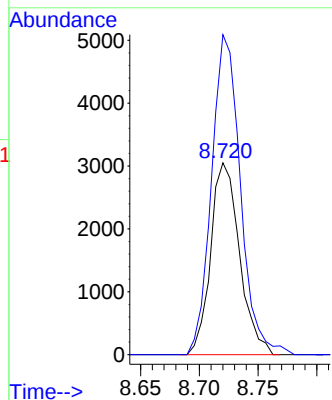
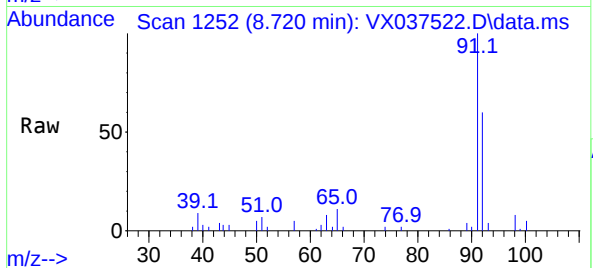
1815

Tgt Ion: 92 Resp: 5214

Ion Ratio Lower Upper

92 100

91 167.2 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 44.743 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037522.D

Acq: 05 Sep 2023 19:14

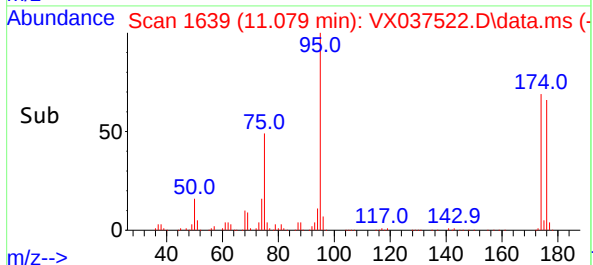
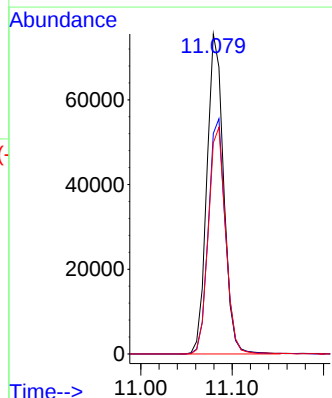
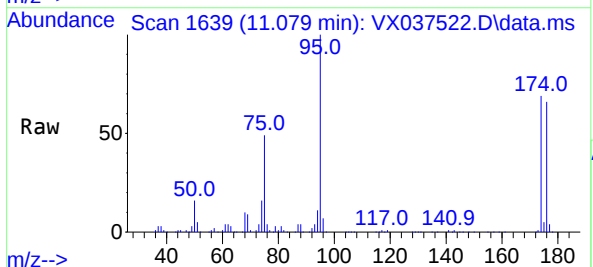
Tgt Ion: 95 Resp: 96179

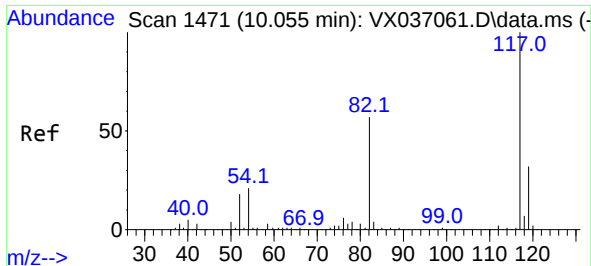
Ion Ratio Lower Upper

95 100

174 74.4 0.0 135.6

176 72.5 0.0 131.0

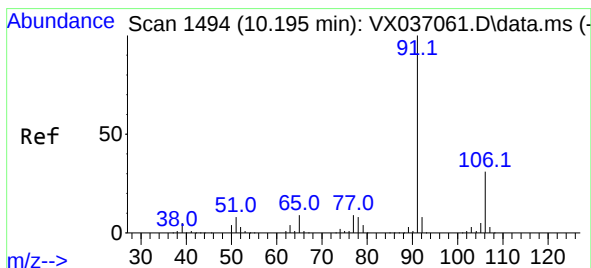
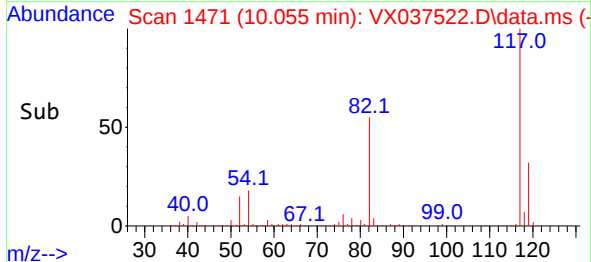
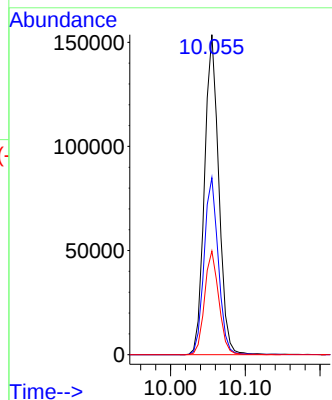
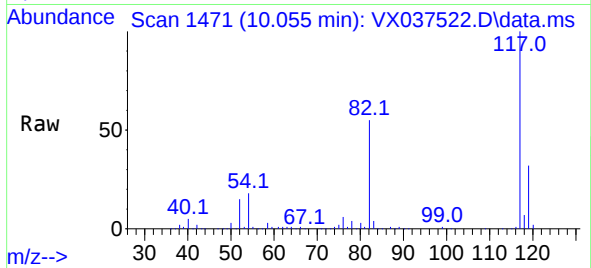




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

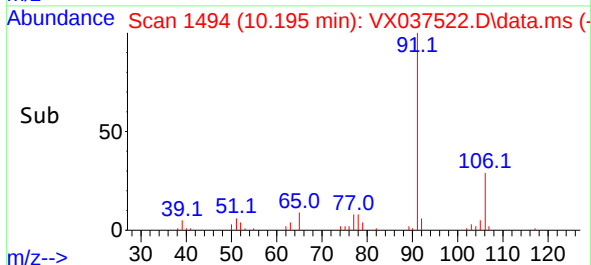
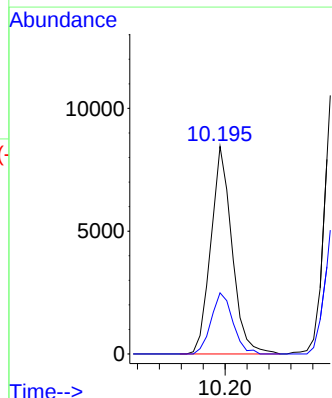
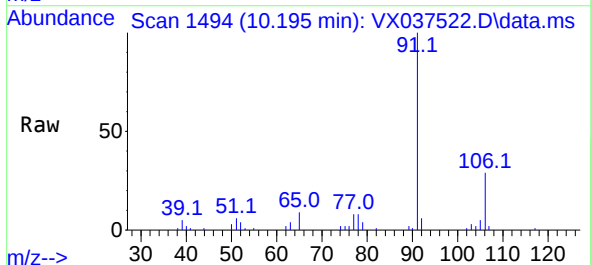
Instrument :
MSVOA_X
ClientSampleId :
1815

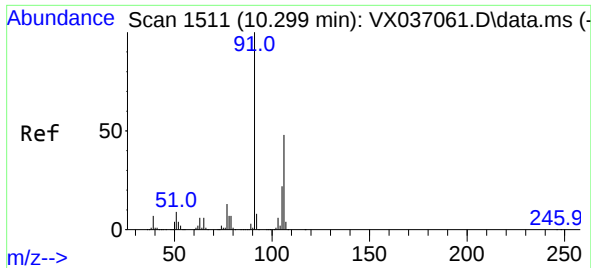
Tgt Ion:117 Resp: 203544
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 1.495 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

Tgt Ion: 91 Resp: 11316
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

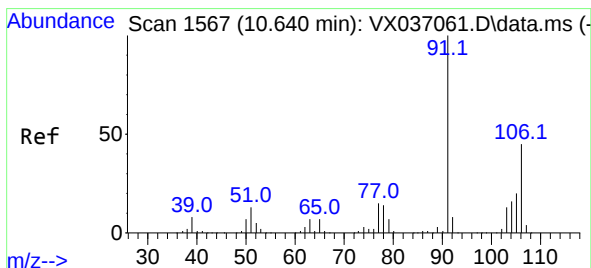
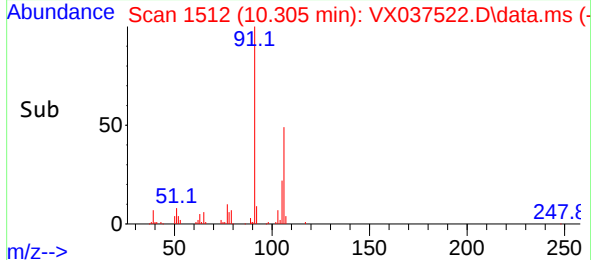
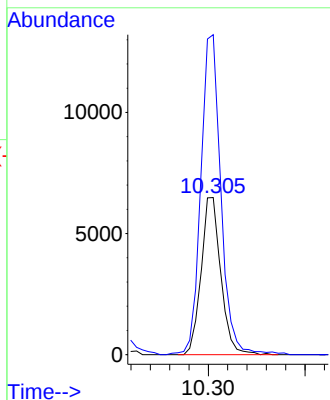
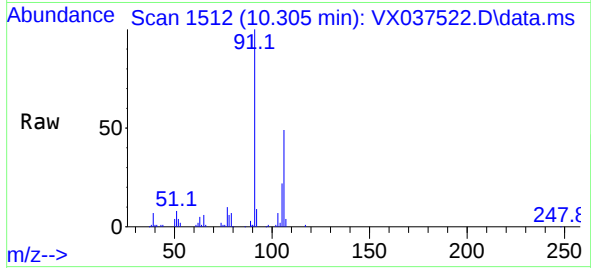




#68
m/p-Xylenes
Concen: 3.149 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

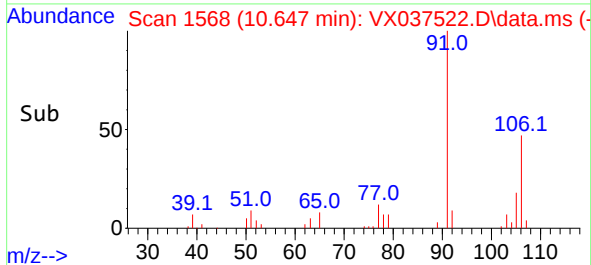
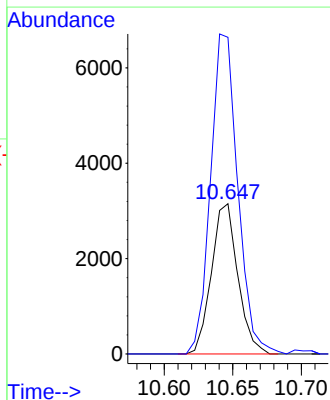
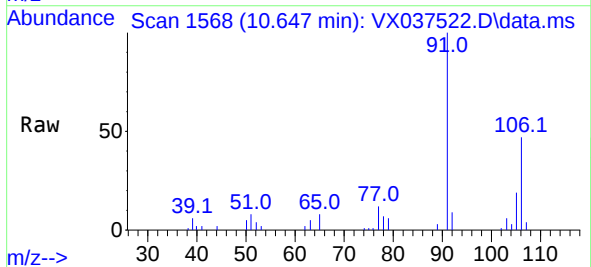
Instrument :
MSVOA_X
ClientSampleId :
1815

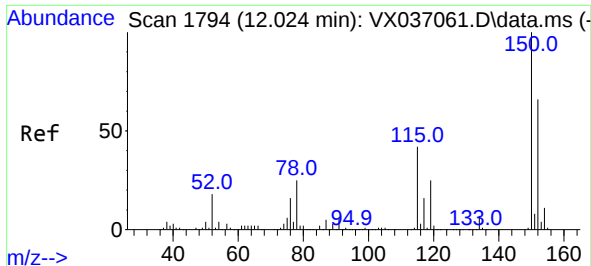
Tgt Ion:106 Resp: 9204
Ion Ratio Lower Upper
106 100
91 207.7 165.5 248.3



#69
o-Xylene
Concen: 1.463 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX037522.D
Acq: 05 Sep 2023 19:14

Tgt Ion:106 Resp: 4220
Ion Ratio Lower Upper
106 100
91 219.4 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037522.D

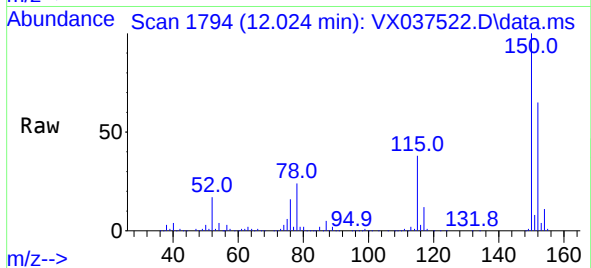
Acq: 05 Sep 2023 19:14

Instrument :

MSVOA_X

ClientSampleId :

1815



Tgt Ion:152 Resp: 89026

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 157.2 0.0 345.0

