

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036717.D
 Acq On : 31 Jul 2023 13:59
 Operator : JC/MD
 Sample : 03808-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1710

Quant Time: Aug 01 04:36:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

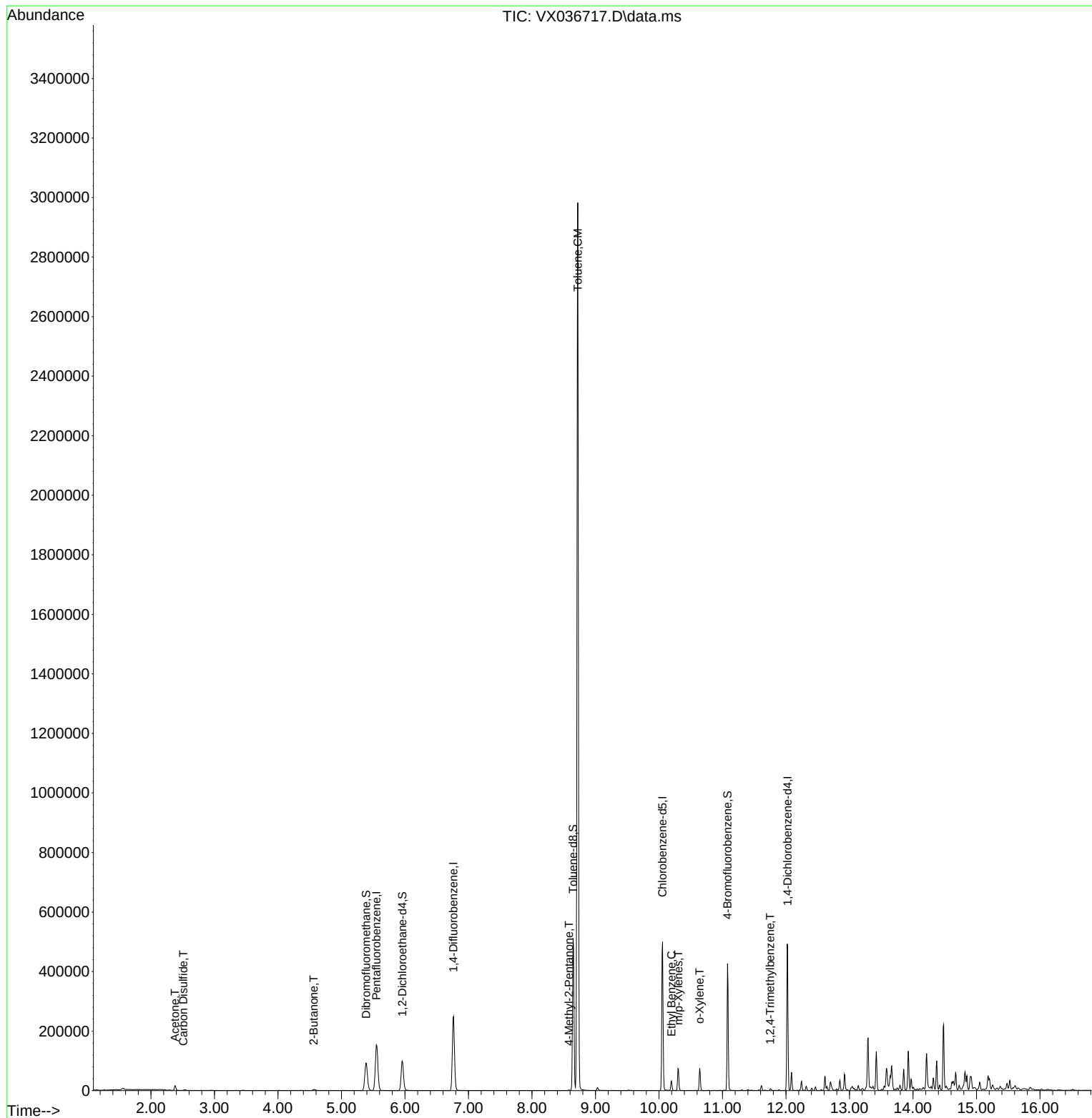
Internal Standards						
1) Pentafluorobenzene	5.550	168	143283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95834	45.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.400%
35) Dibromofluoromethane	5.385	113	82484	47.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	8.647	98	307861	49.524	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.040%
62) 4-Bromofluorobenzene	11.079	95	110594	47.154	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	16733	19.020	ug/l	90
17) Carbon Disulfide	2.508	76	1042	0.235	ug/l #	92
25) 2-Butanone	4.562	43	4641	3.251	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	1286	0.456	ug/l	95
52) Toluene	8.720	92	1120730	235.289	ug/l	99
67) Ethyl Benzene	10.195	91	19017	2.040	ug/l	100
68) m/p-Xylenes	10.305	106	18192	5.230	ug/l	97
69) o-Xylene	10.640	106	15901	4.580	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	2332	0.332	ug/l	68

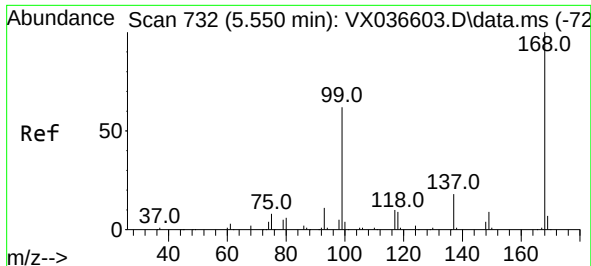
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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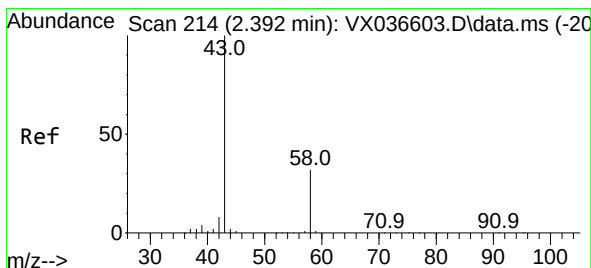
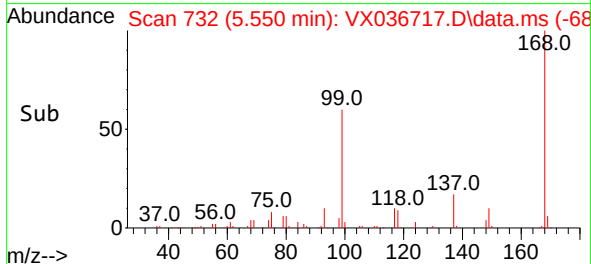
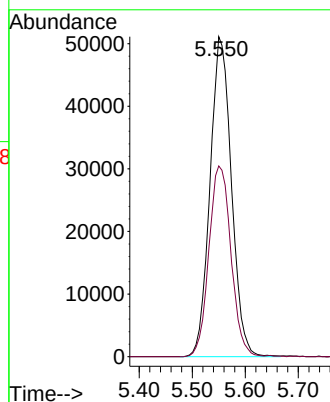
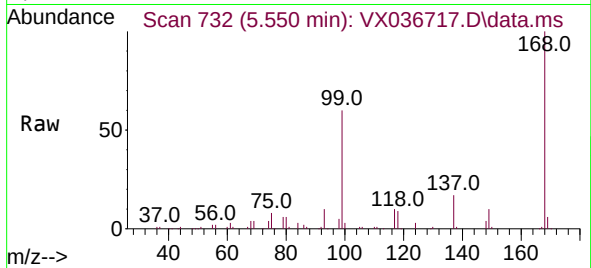




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.000 min
Lab File: VX036717.D
Acq: 31 Jul 2023 13:59

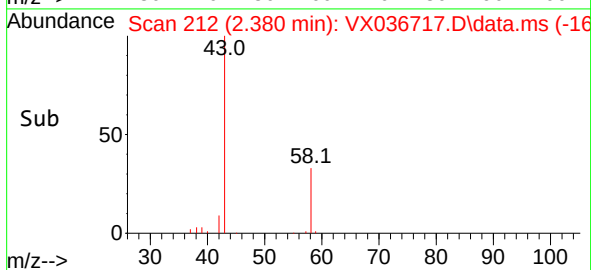
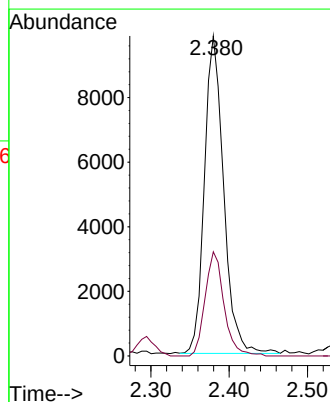
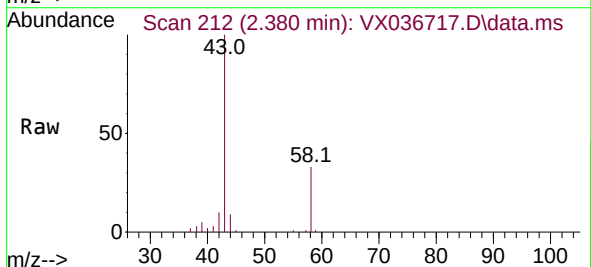
Instrument :
MSVOA_X
ClientSampleId :
1710

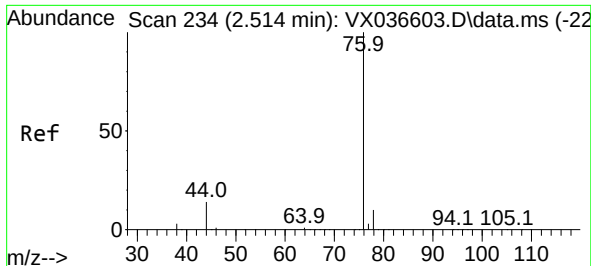
Tgt Ion:168 Resp: 143283
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#16
Acetone
Concen: 19.020 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036717.D
Acq: 31 Jul 2023 13:59

Tgt Ion: 43 Resp: 16733
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9





#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036717.D

Acq: 31 Jul 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

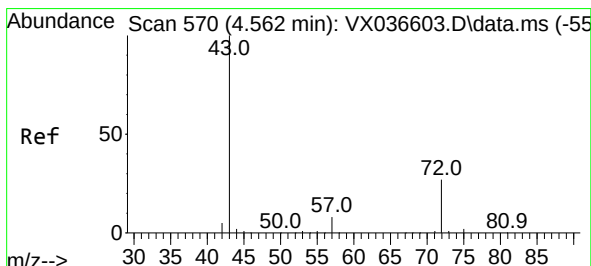
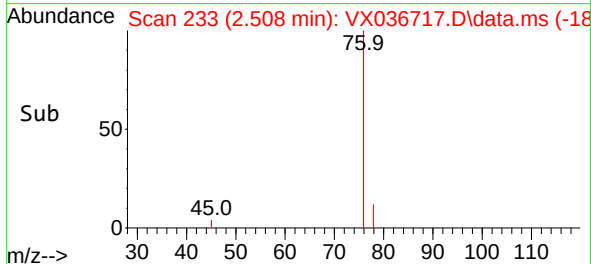
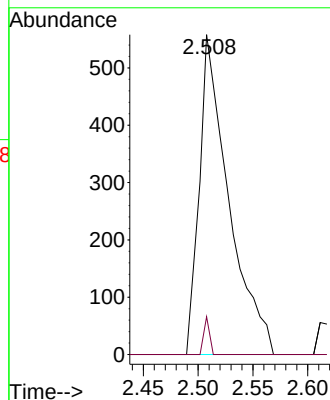
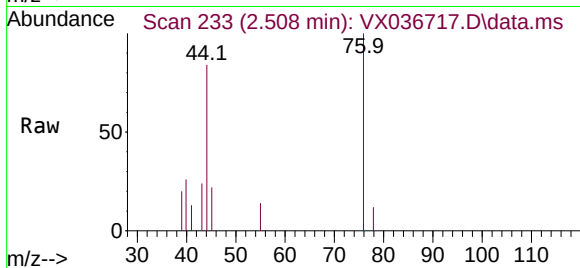
1710

Tgt Ion: 76 Resp: 1042

Ion Ratio Lower Upper

76 100

78 11.8 7.0 10.6#



#25

2-Butanone

Concen: 3.251 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX036717.D

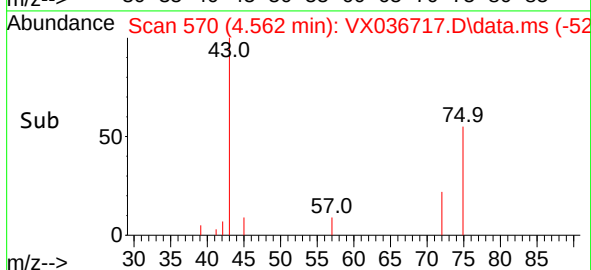
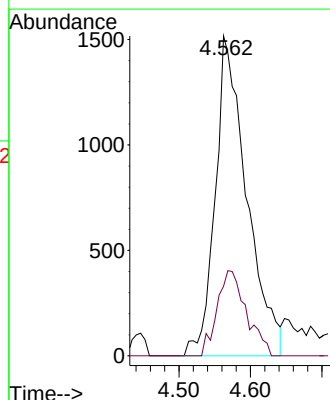
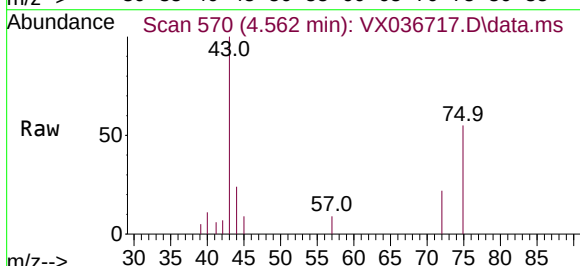
Acq: 31 Jul 2023 13:59

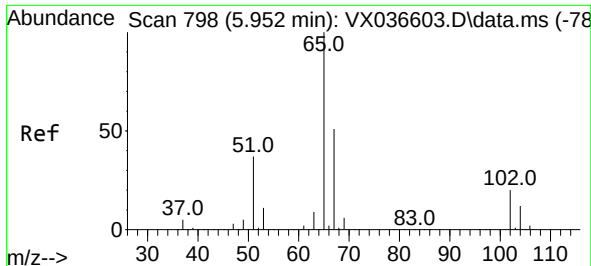
Tgt Ion: 43 Resp: 4641

Ion Ratio Lower Upper

43 100

72 21.8 19.4 29.2

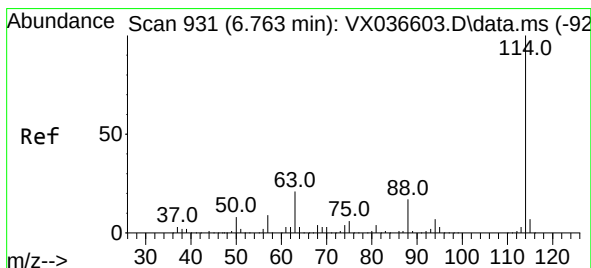
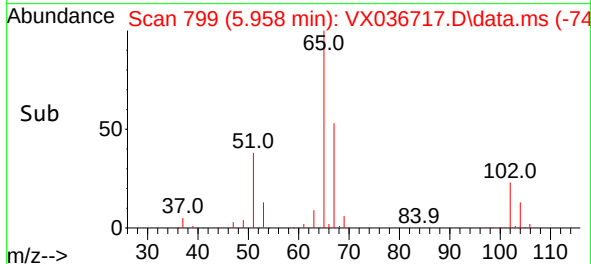
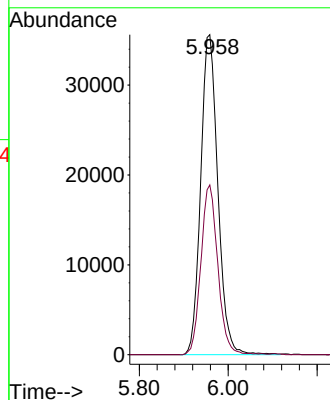
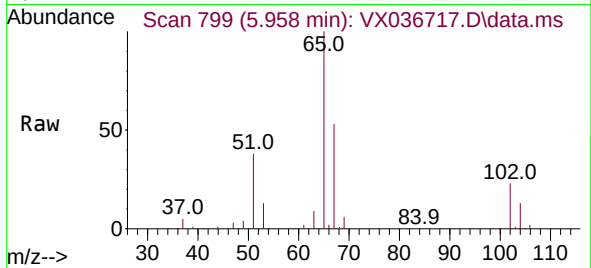




#33
 1,2-Dichloroethane-d4
 Concen: 45.203 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036717.D
 Acq: 31 Jul 2023 13:59

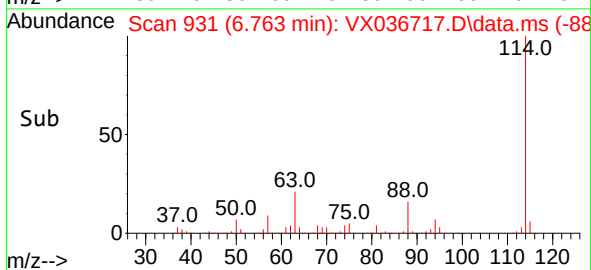
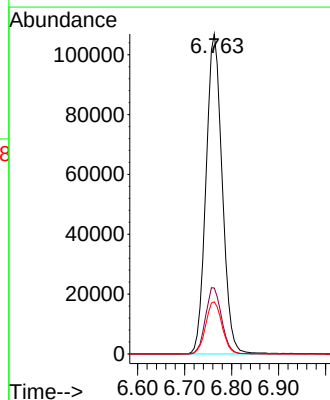
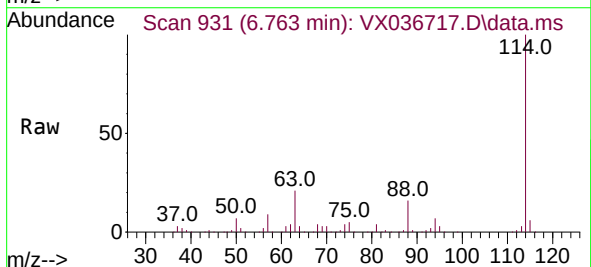
Instrument :
 MSVOA_X
 ClientSampleId :
 1710

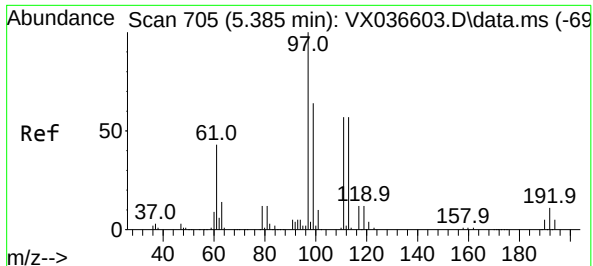
Tgt Ion: 65 Resp: 95834
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036717.D
 Acq: 31 Jul 2023 13:59

Tgt Ion: 114 Resp: 255036
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.054 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036717.D

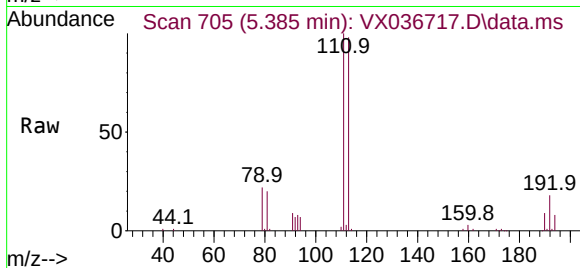
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Instrument :

MSVOA_X

ClientSampleId :

1710



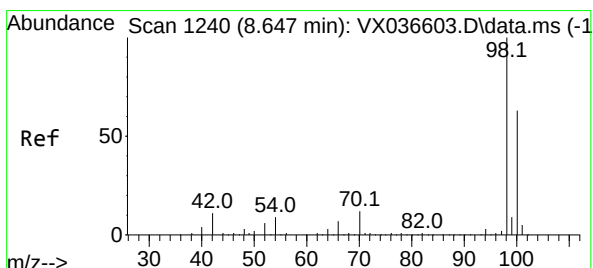
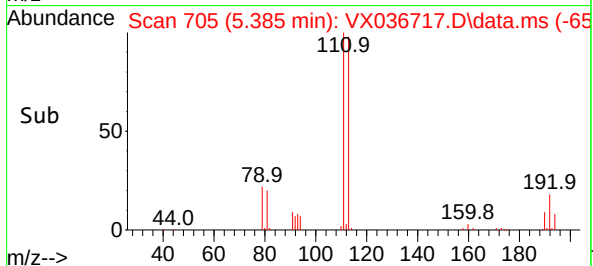
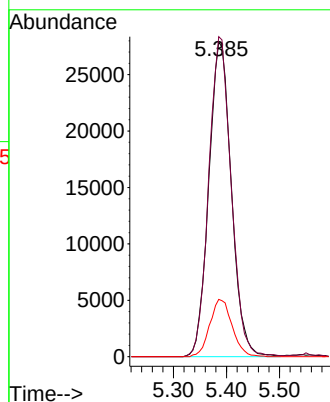
Tgt Ion:113 Resp: 82484

Ion Ratio Lower Upper

113 100

111 100.9 82.9 124.3

192 18.0 13.3 19.9



#50

Toluene-d8

Concen: 49.524 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036717.D

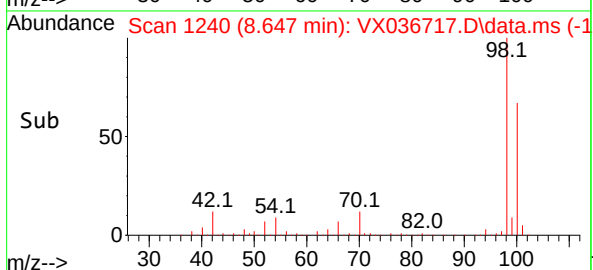
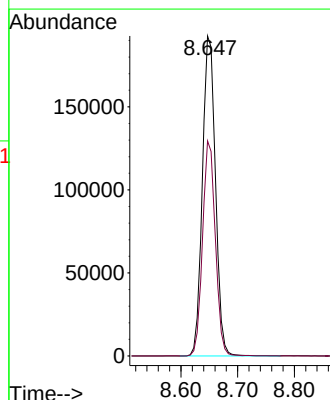
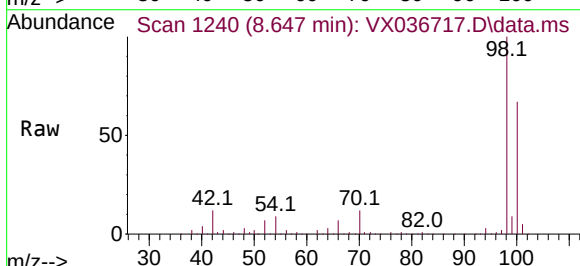
Acq: 31 Jul 2023 13:59

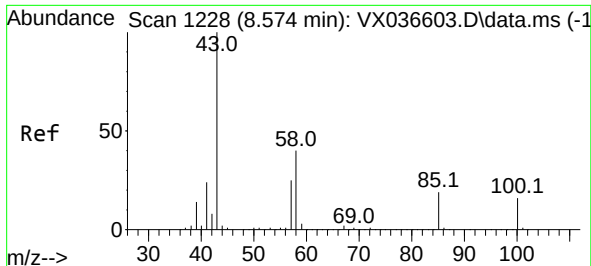
Tgt Ion: 98 Resp: 307861

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7

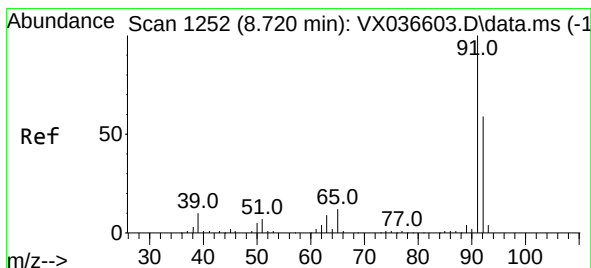
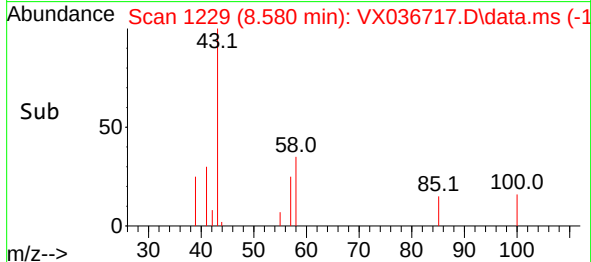
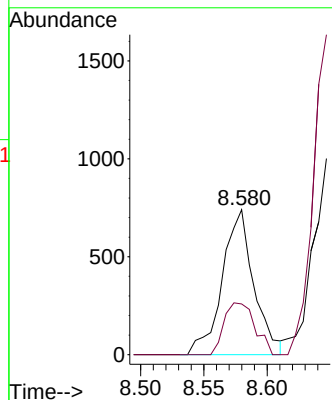
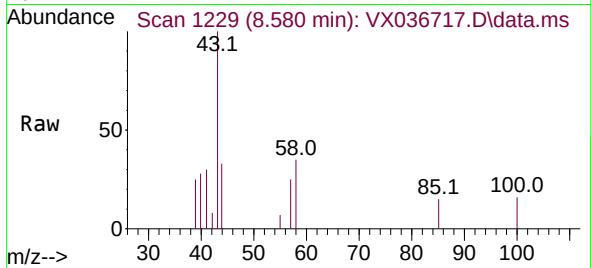




#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX036717.D
Acq: 31 Jul 2023 13:59

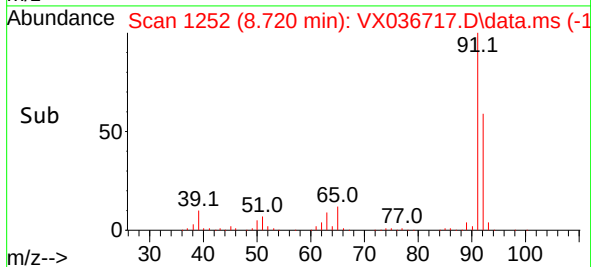
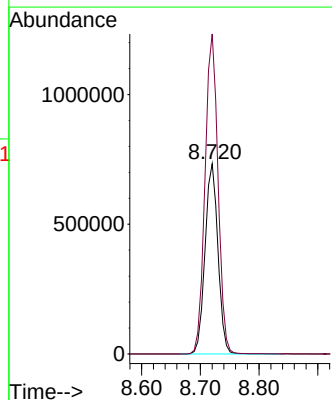
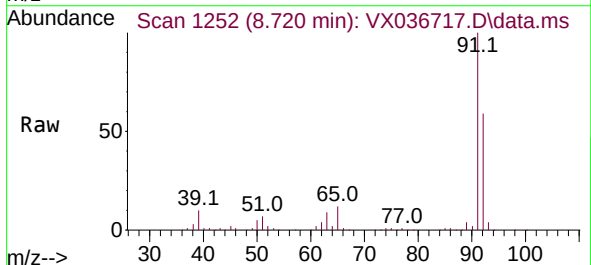
Instrument :
MSVOA_X
ClientSampleId :
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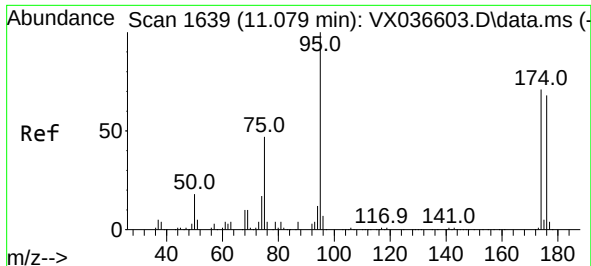
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6



#52
Toluene
Concen: 235.289 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036717.D
Acq: 31 Jul 2023 13:59

Tgt Ion: 92 Resp: 1120730
Ion Ratio Lower Upper
92 100
91 169.5 134.2 201.2

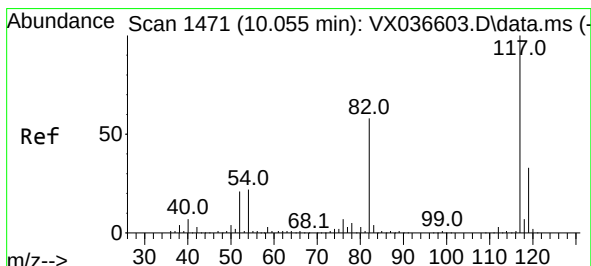
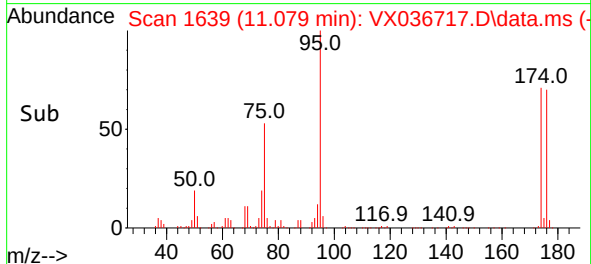
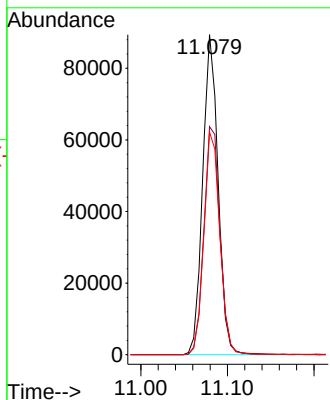
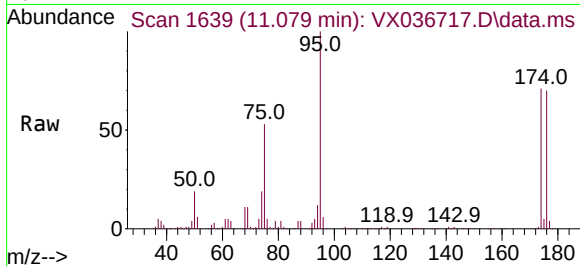




#62
4-Bromofluorobenzene
Concen: 47.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036717.D
Acq: 31 Jul 2023 13:59

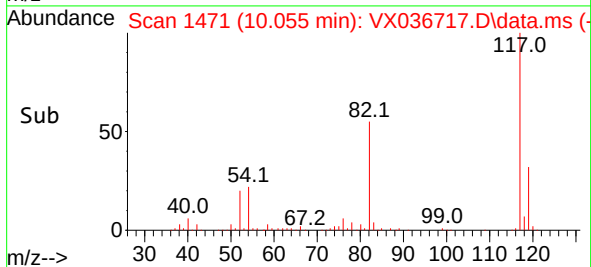
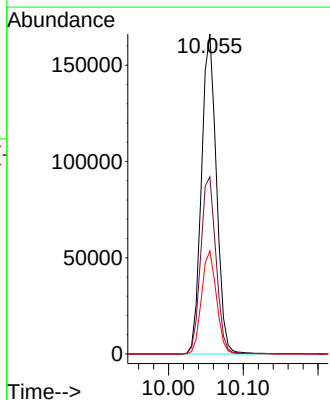
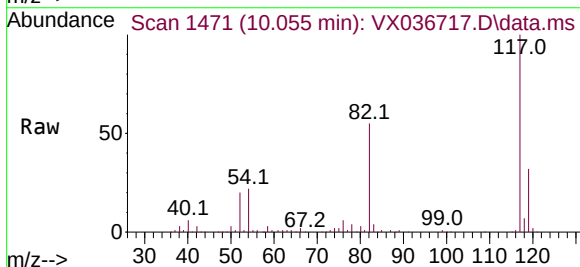
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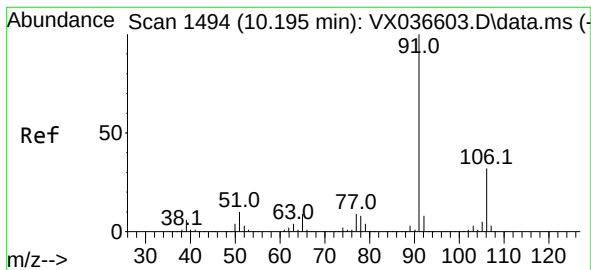
Tgt Ion: 95 Resp: 110594
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036717.D
Acq: 31 Jul 2023 13:59

Tgt Ion: 117 Resp: 231514
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.1 25.5 38.3





#67

Ethyl Benzene

Concen: 2.040 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036717.D

Acq: 31 Jul 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

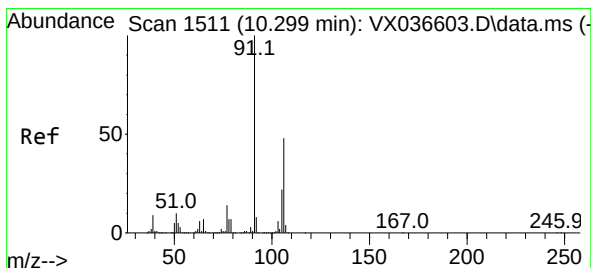
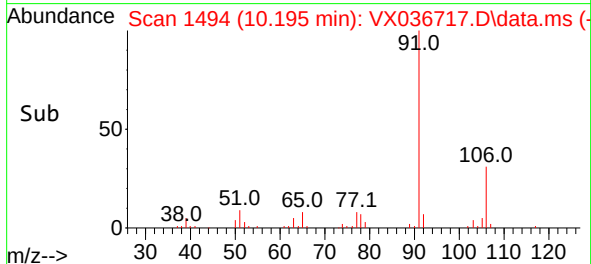
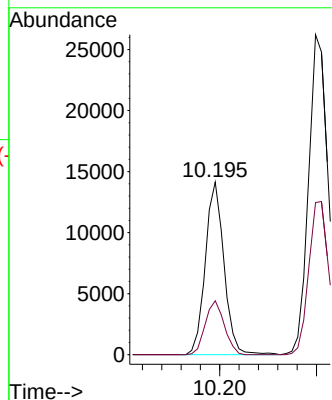
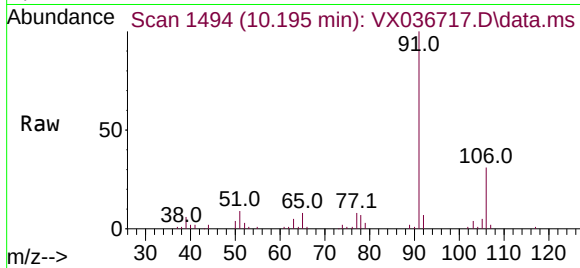
1710

Tgt Ion: 91 Resp: 19017

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 5.230 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX036717.D

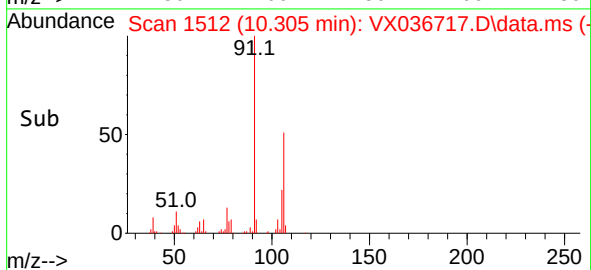
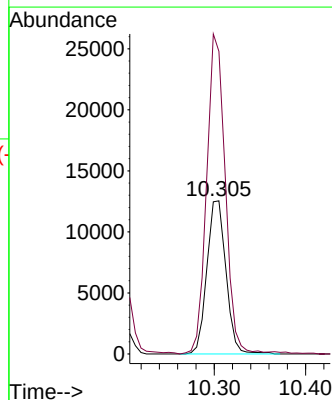
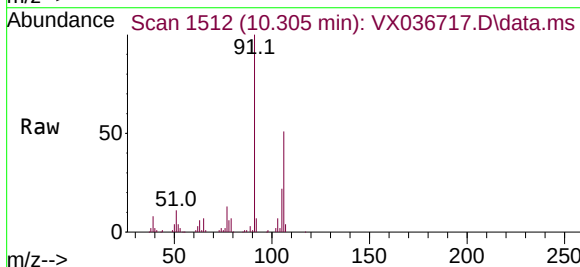
Acq: 31 Jul 2023 13:59

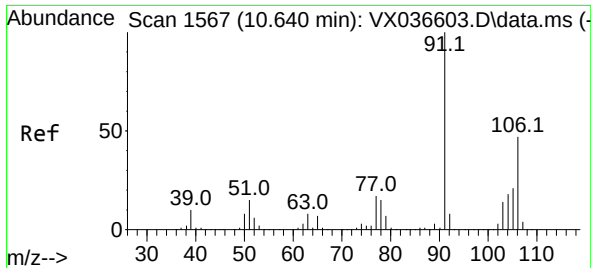
Tgt Ion: 106 Resp: 18192

Ion Ratio Lower Upper

106 100

91 202.8 165.5 248.3

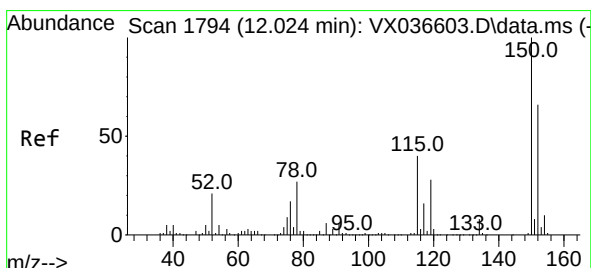
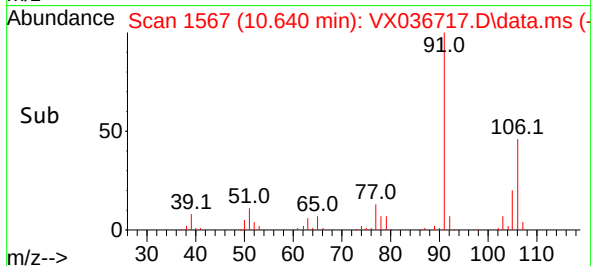
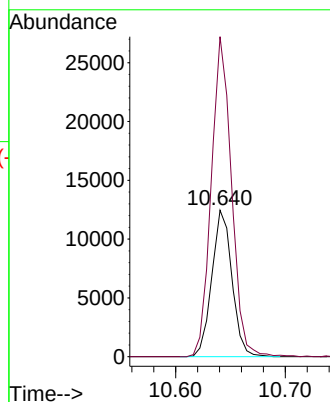
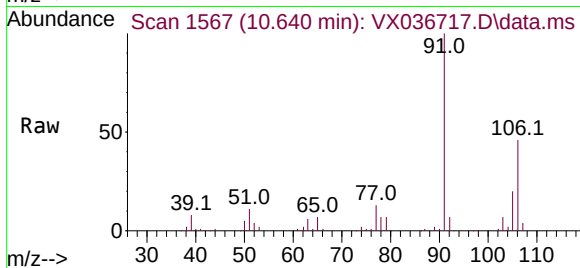




#69
o-Xylene
Concen: 4.580 ug/l
RT: 10.640 min Scan# 11710
Delta R.T. 0.000 min
Lab File: VX036717.D
Acq: 31 Jul 2023 13:59

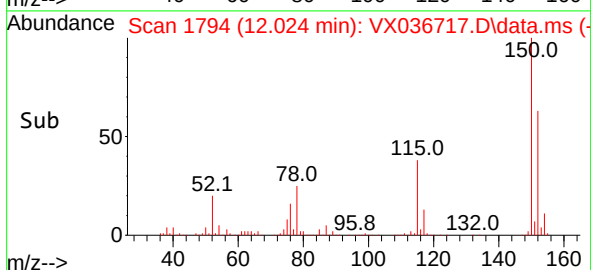
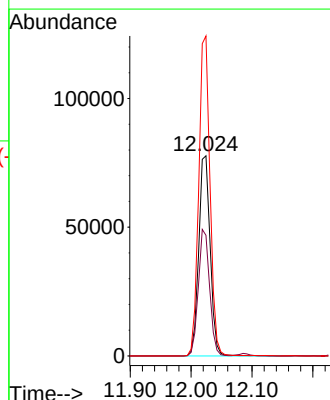
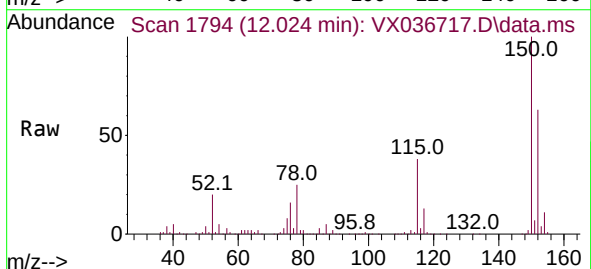
Instrument :
MSVOA_X
ClientSampleId :
1710

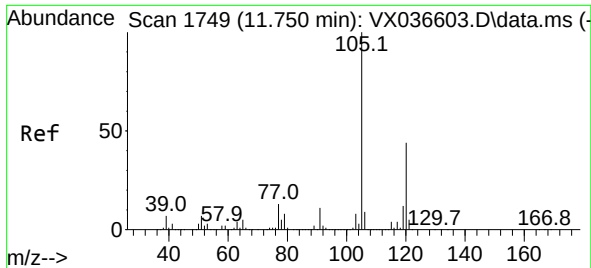
Tgt Ion:106 Resp: 15901
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036717.D
Acq: 31 Jul 2023 13:59

Tgt Ion:152 Resp: 101469
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 157.2 0.0 345.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.332 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036717.D
 Acq: 31 Jul 2023 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 1710

Tgt Ion:105 Resp: 2332
 Ion Ratio Lower Upper
 105 100
 120 22.3 21.2 63.6

