

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040238.D
 Acq On : 14 Feb 2024 22:02
 Operator : JC/MD
 Sample : P1458-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A1163

Quant Time: Feb 15 00:10:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

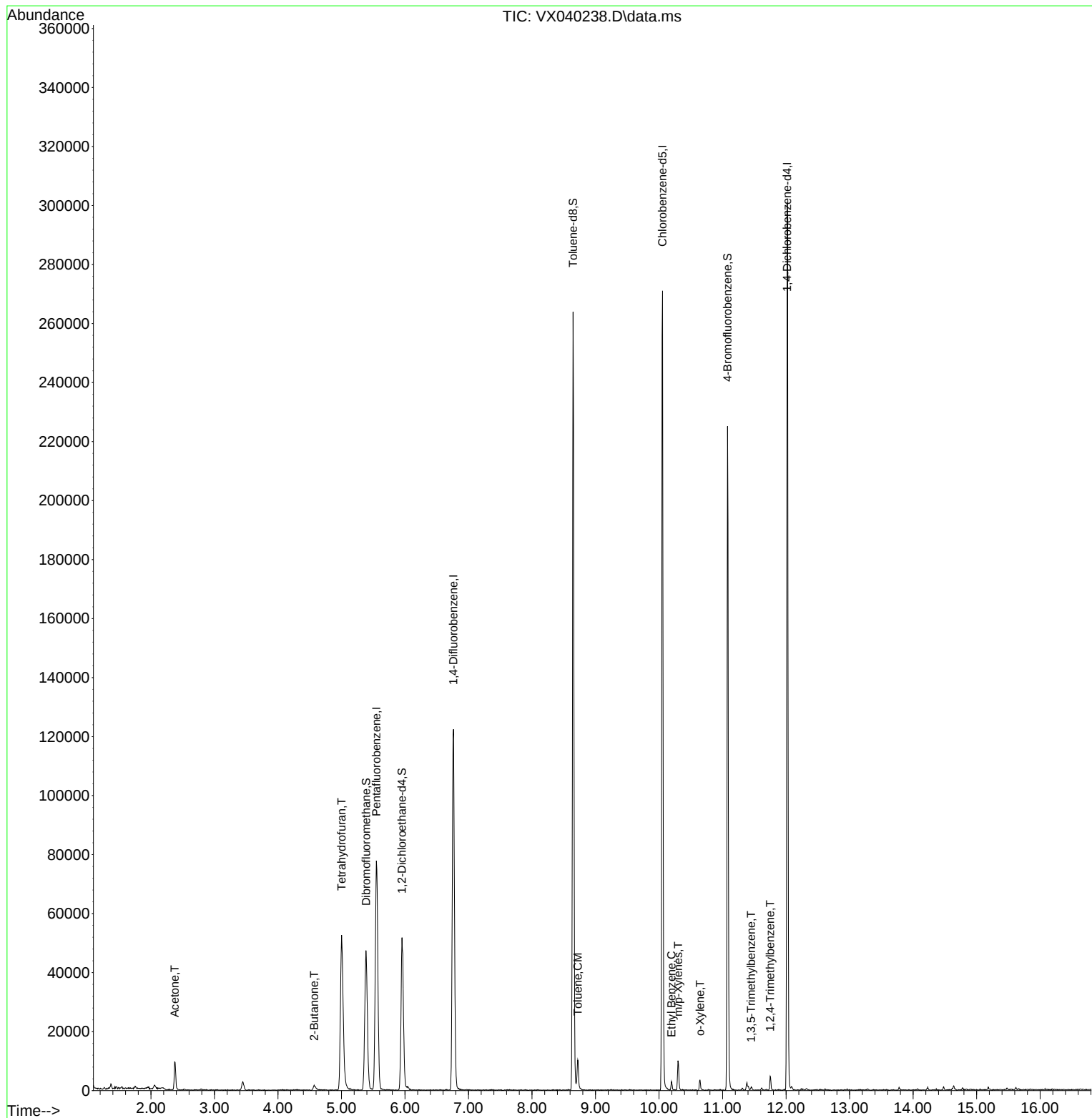
Internal Standards						
1) Pentafluorobenzene	5.550	168	75475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49352	43.953	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.900%
35) Dibromofluoromethane	5.385	113	40831	46.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	153804	46.636	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.280%
62) 4-Bromofluorobenzene	11.079	95	60607	45.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	10321	22.380	ug/l	93
25) 2-Butanone	4.568	43	3401	4.718	ug/l	97
29) Tetrahydrofuran	5.001	42	48753	103.810	ug/l	96
52) Toluene	8.720	92	3925	1.735	ug/l	97
67) Ethyl Benzene	10.195	91	1870	0.408	ug/l	100
68) m/p-Xylenes	10.299	106	2390	1.382	ug/l	92
69) o-Xylene	10.647	106	883	0.525	ug/l	85
80) 1,3,5-Trimethylbenzene	11.451	105	783	0.210	ug/l	84
84) 1,2,4-Trimethylbenzene	11.750	105	2462	0.652	ug/l	97

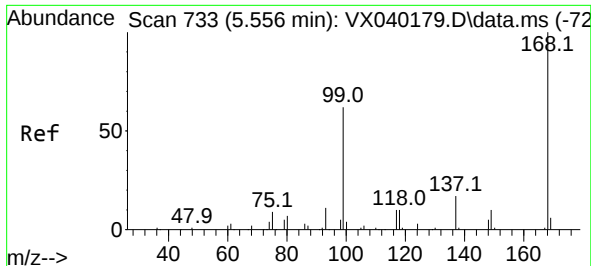
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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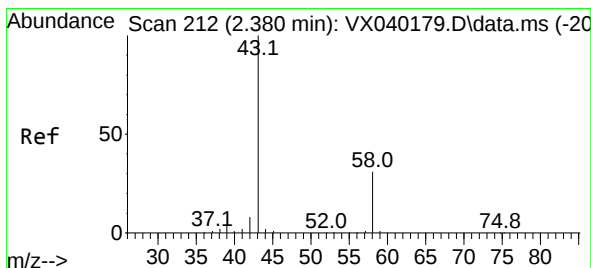
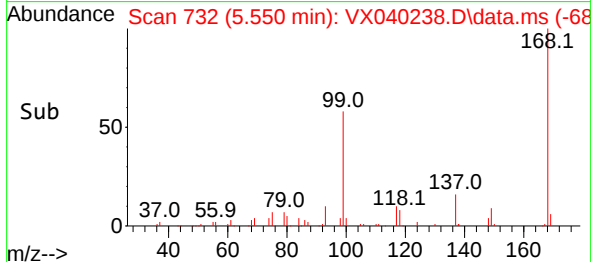
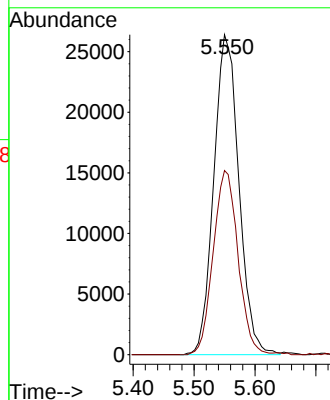
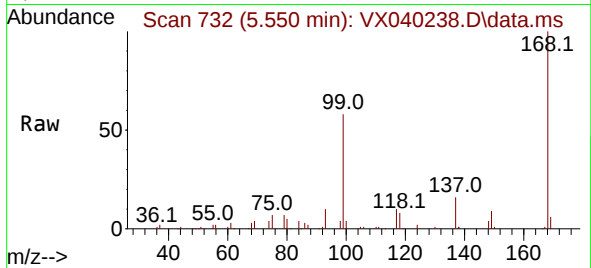




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040238.D
Acq: 14 Feb 2024 22:02

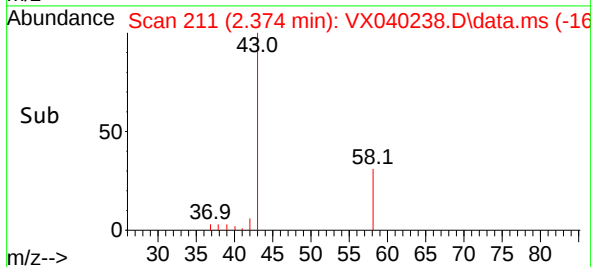
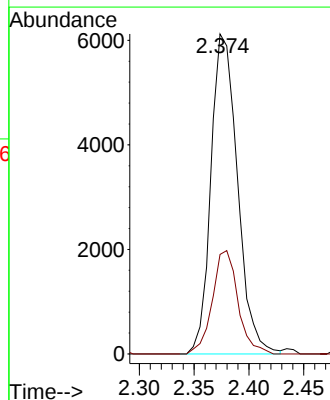
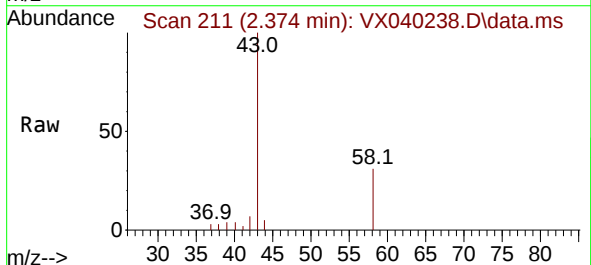
Instrument :
MSVOA_X
ClientSampleId :
A1163

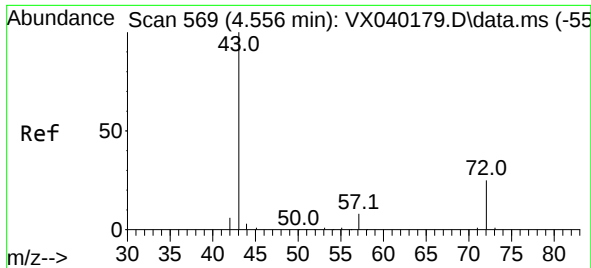
Tgt Ion:168 Resp: 75475
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0



#16
Acetone
Concen: 22.380 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040238.D
Acq: 14 Feb 2024 22:02

Tgt Ion: 43 Resp: 10321
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9

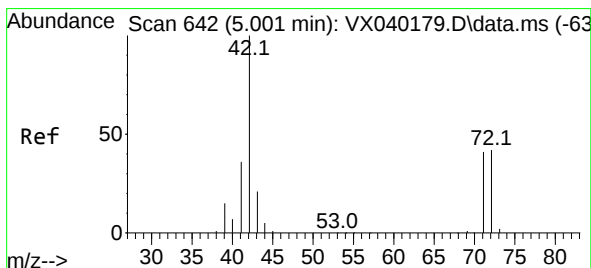
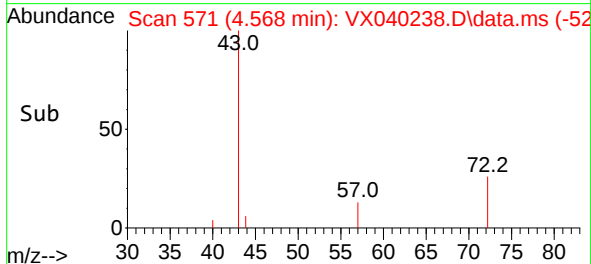
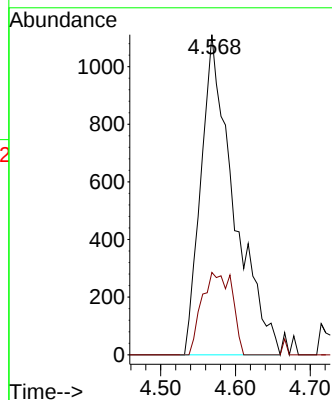
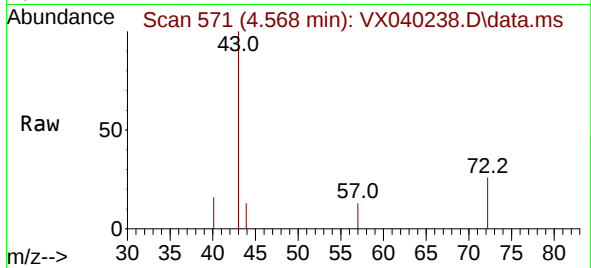




#25
2-Butanone
Concen: 4.718 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040238.D
Acq: 14 Feb 2024 22:02

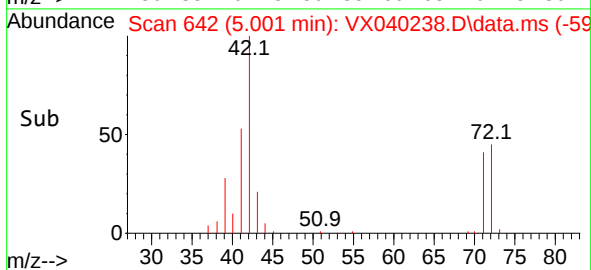
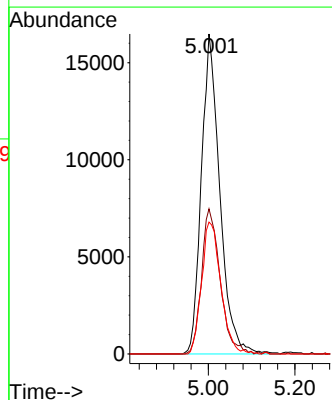
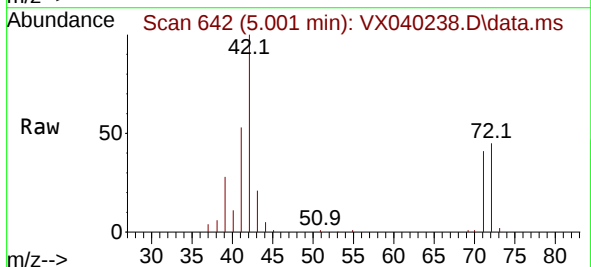
Instrument :
MSVOA_X
ClientSampleId :
A1163

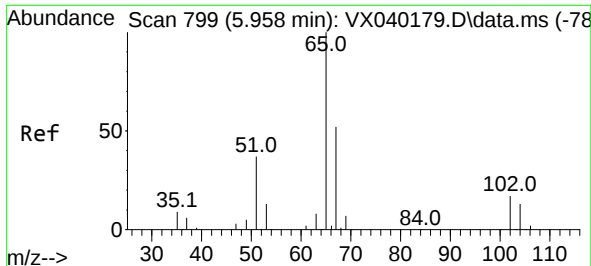
Tgt Ion: 43 Resp: 3401
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2



#29
Tetrahydrofuran
Concen: 103.810 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX040238.D
Acq: 14 Feb 2024 22:02

Tgt Ion: 42 Resp: 48753
Ion Ratio Lower Upper
42 100
72 45.6 34.2 51.4
71 43.0 32.2 48.2

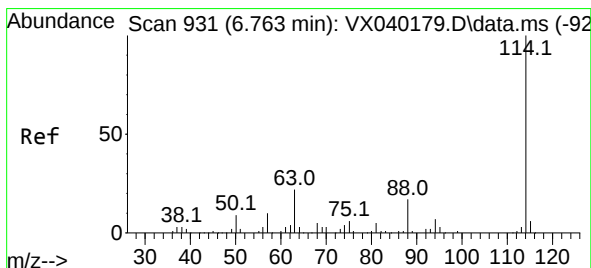
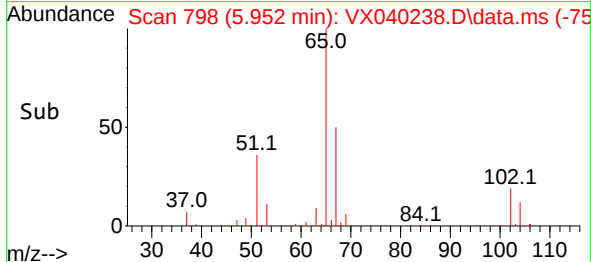
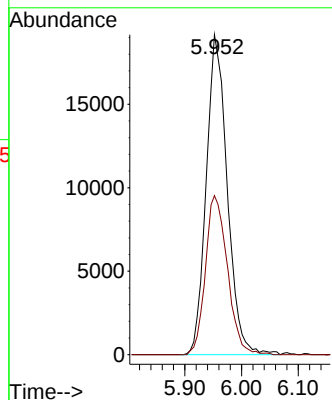
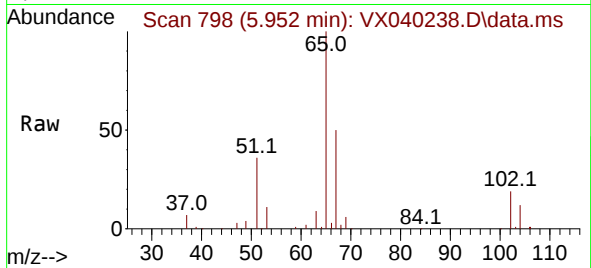




#33
 1,2-Dichloroethane-d4
 Concen: 43.953 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040238.D
 Acq: 14 Feb 2024 22:02

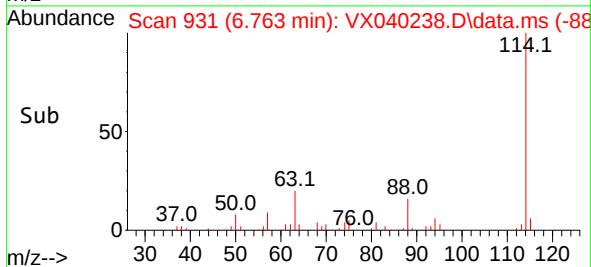
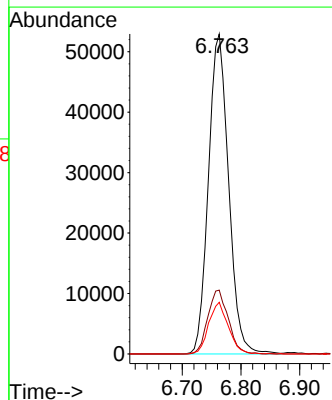
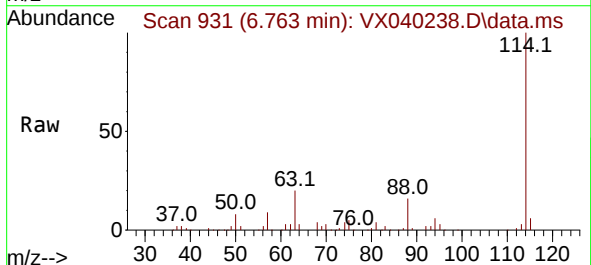
Instrument :
 MSVOA_X
 ClientSampleId :
 A1163

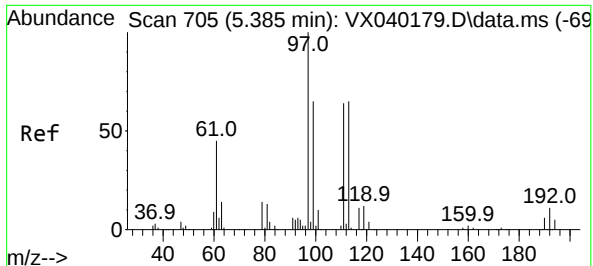
Tgt Ion: 65 Resp: 49352
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040238.D
 Acq: 14 Feb 2024 22:02

Tgt Ion: 114 Resp: 126248
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.0
 88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.312 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040238.D

Acq: 14 Feb 2024 22:02

Instrument :

MSVOA_X

ClientSampleId :

A1163

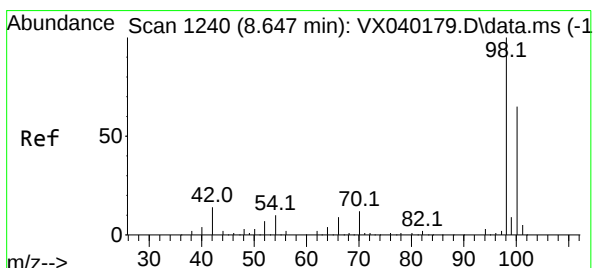
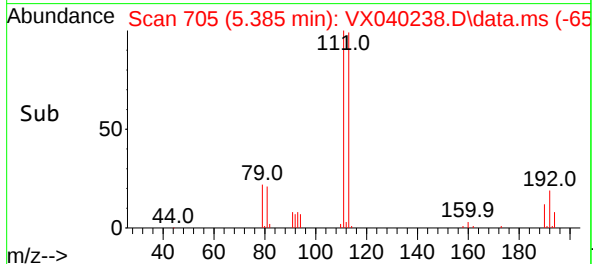
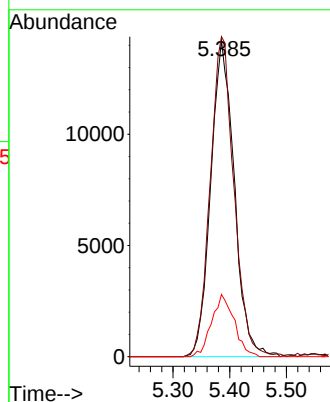
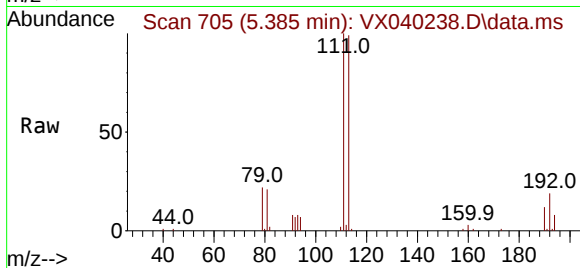
Tgt Ion:113 Resp: 40831

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 19.0 13.3 19.9



#50

Toluene-d8

Concen: 46.636 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040238.D

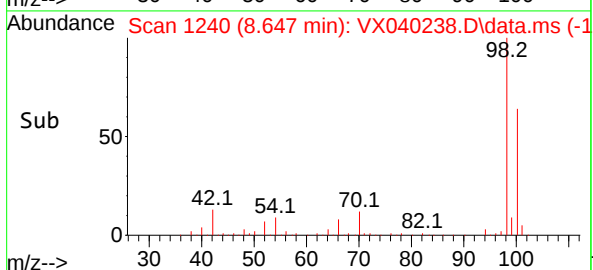
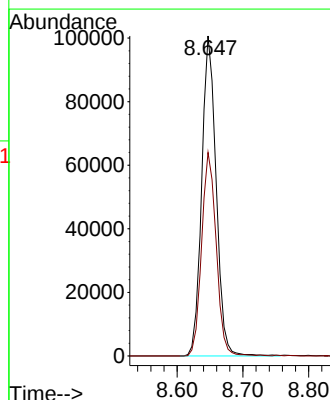
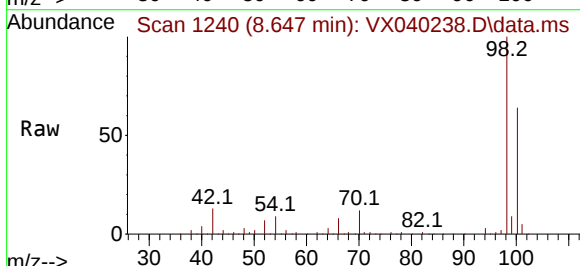
Acq: 14 Feb 2024 22:02

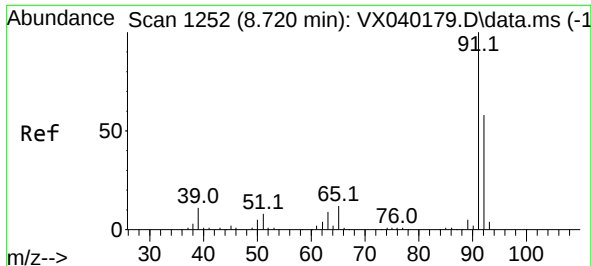
Tgt Ion: 98 Resp: 153804

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

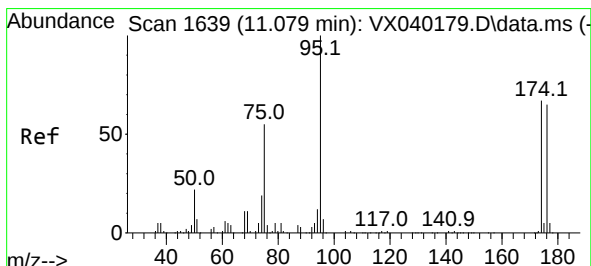
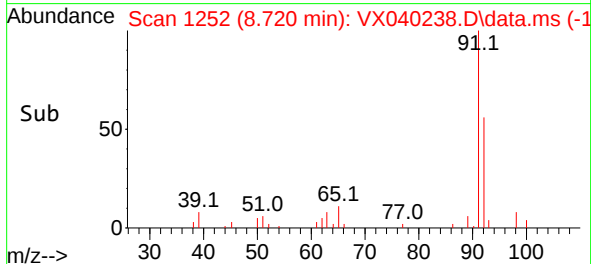
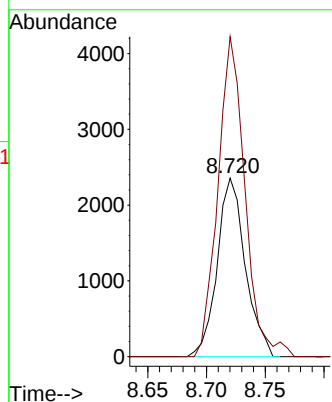
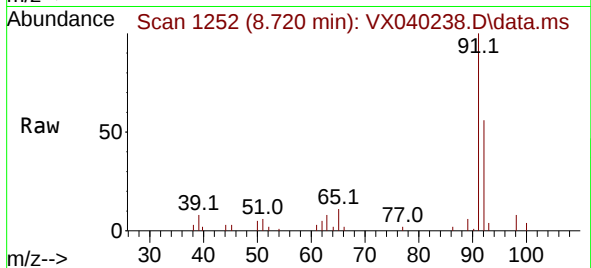




#52
Toluene
Concen: 1.735 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040238.D
Acq: 14 Feb 2024 22:02

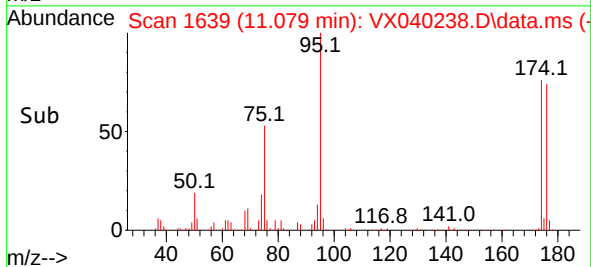
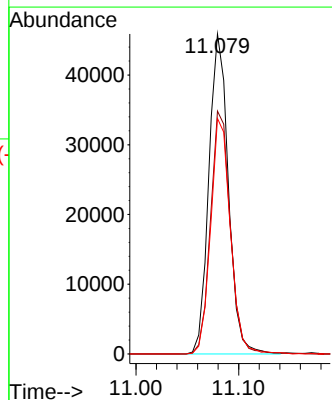
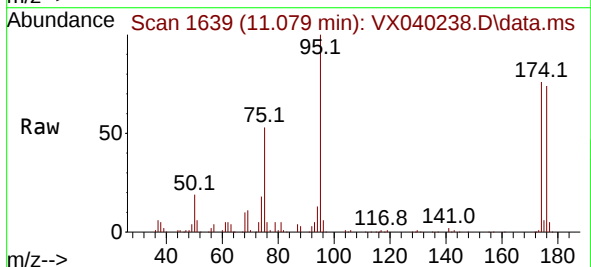
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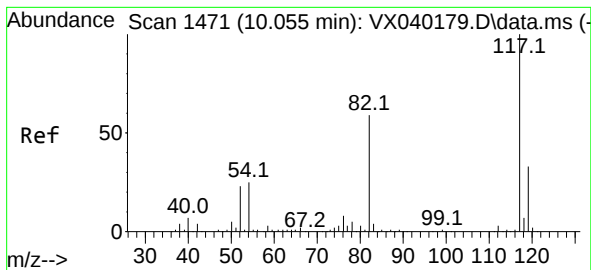
Tgt Ion: 92 Resp: 3925
Ion Ratio Lower Upper
92 100
91 172.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040238.D
Acq: 14 Feb 2024 22:02

Tgt Ion: 95 Resp: 60607
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 74.4 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: VX040238.D

Acq: 14 Feb 2024 22:02

Instrument :

MSVOA_X

ClientSampleId :

A1163

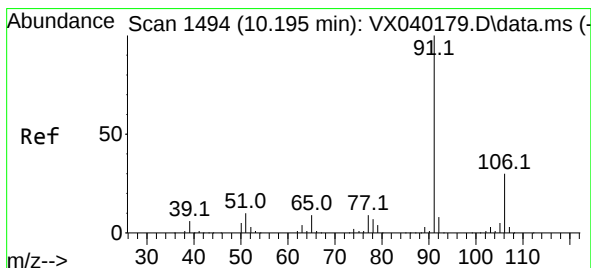
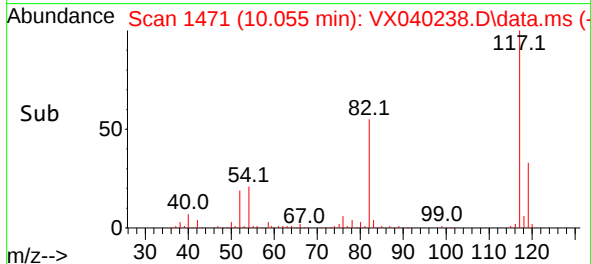
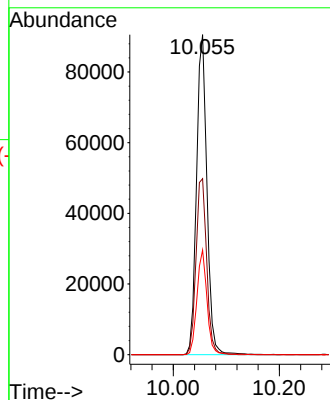
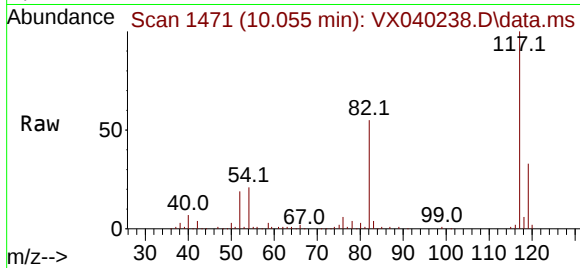
Tgt Ion:117 Resp: 123185

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 32.7 25.5 38.3



#67

Ethyl Benzene

Concen: 0.408 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040238.D

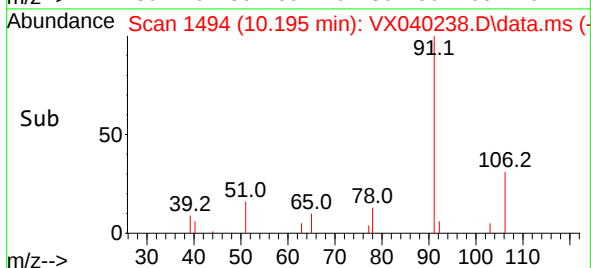
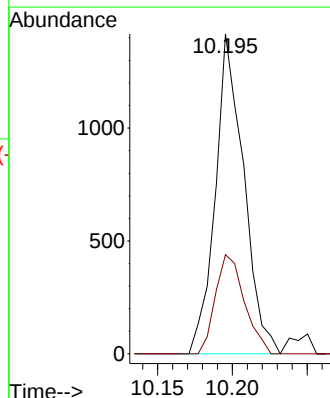
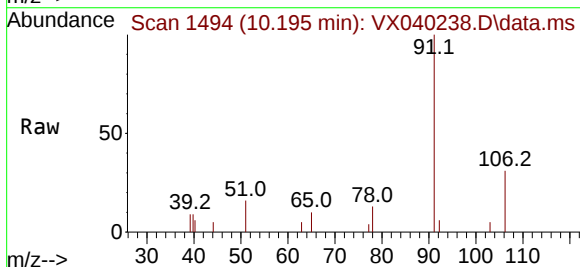
Acq: 14 Feb 2024 22:02

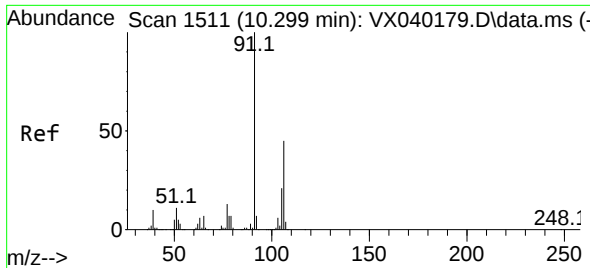
Tgt Ion: 91 Resp: 1870

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3

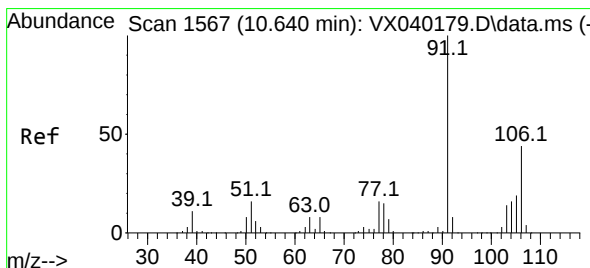
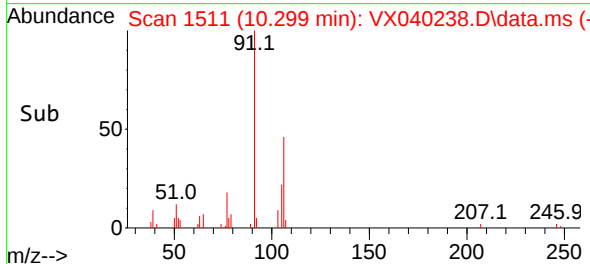
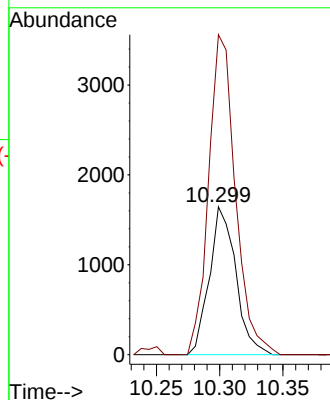
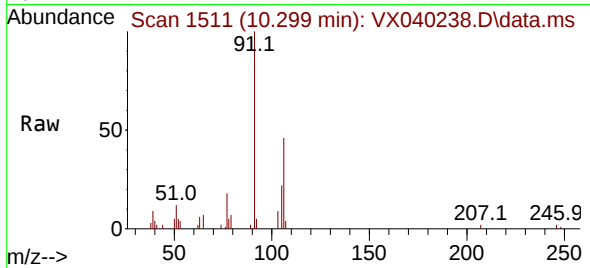




#68
m/p-Xylenes
Concen: 1.382 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040238.D
Acq: 14 Feb 2024 22:02

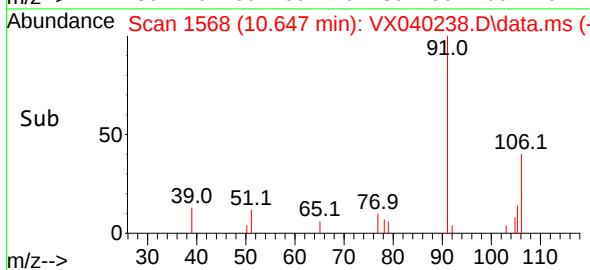
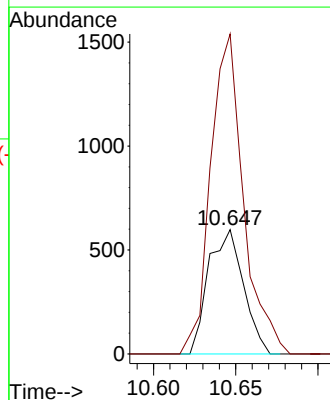
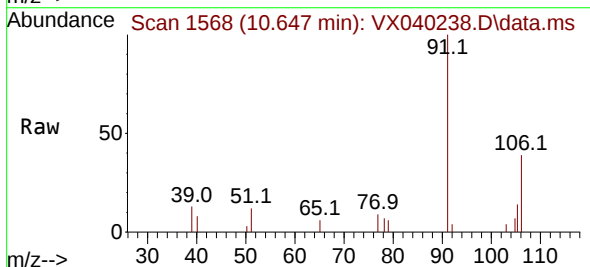
Instrument :
MSVOA_X
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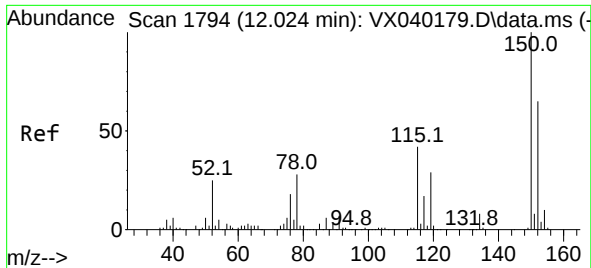
Tgt Ion:106 Resp: 2390
Ion Ratio Lower Upper
106 100
91 219.9 165.5 248.3



#69
o-Xylene
Concen: 0.525 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040238.D
Acq: 14 Feb 2024 22:02

Tgt Ion:106 Resp: 883
Ion Ratio Lower Upper
106 100
91 241.8 108.9 326.8

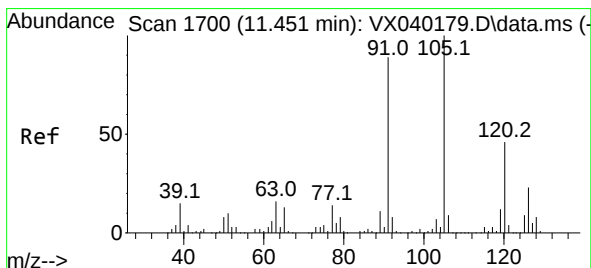
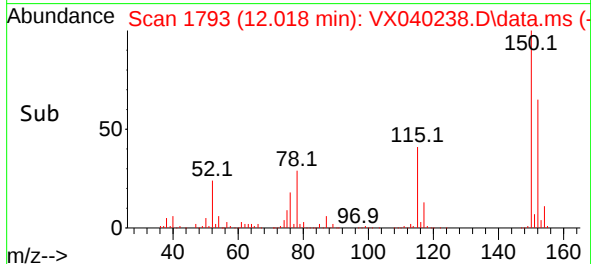
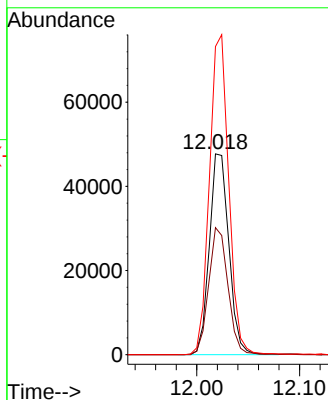
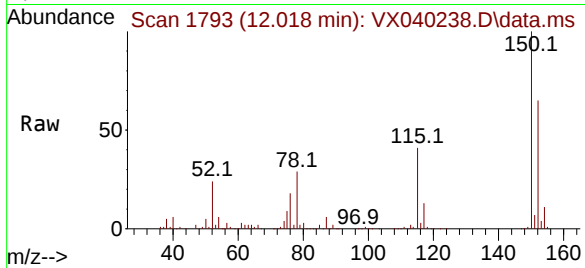




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040238.D
 Acq: 14 Feb 2024 22:02

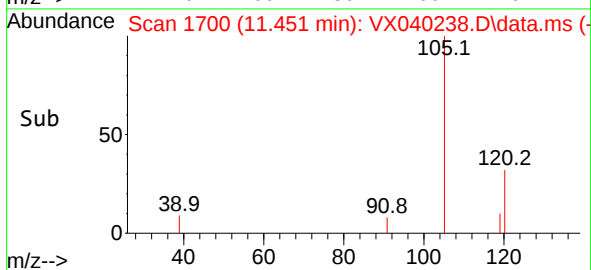
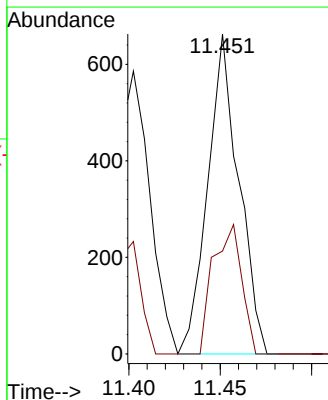
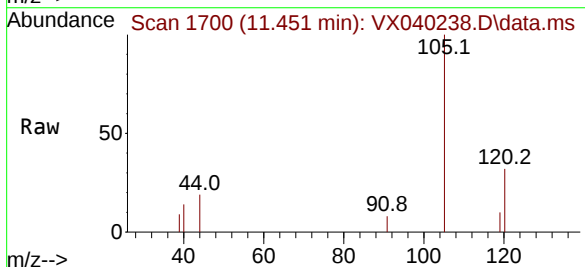
Instrument :
 MSVOA_X
 ClientSampleId :
 A1163

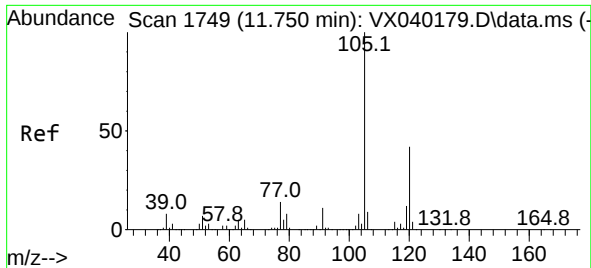
Tgt Ion:152 Resp: 62911
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.3 129.9
 150 157.4 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.210 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX040238.D
 Acq: 14 Feb 2024 22:02

Tgt Ion:105 Resp: 783
 Ion Ratio Lower Upper
 105 100
 120 37.3 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 0.652 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040238.D
 Acq: 14 Feb 2024 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 A1163

Tgt Ion:105 Resp: 2462
 Ion Ratio Lower Upper
 105 100
 120 40.4 21.2 63.6

