

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040053.D
 Acq On : 31 Jan 2024 17:23
 Operator : JC/MD
 Sample : P1282-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1242

Quant Time: Feb 01 04:25:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

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

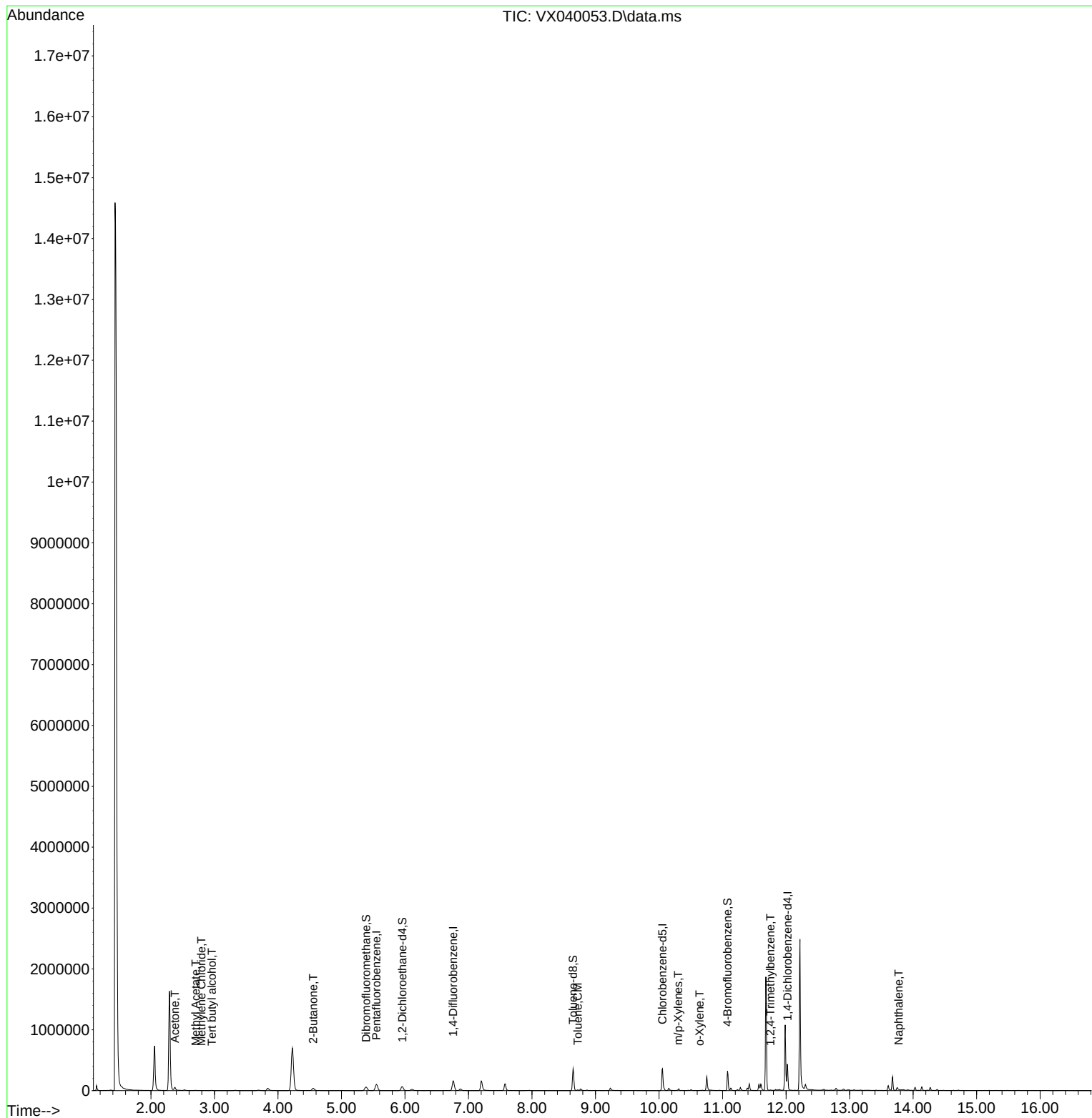
Internal Standards						
1) Pentafluorobenzene	5.550	168	90526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65905	45.236	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.480%
35) Dibromofluoromethane	5.385	113	52428	48.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.647	98	202725	49.631	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.079	95	81884	52.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	3801	14.379	ug/l	99
16) Acetone	2.380	43	48022	70.349	ug/l #	77
18) Methyl Acetate	2.703	43	4998	3.091	ug/l	97
20) Methylene Chloride	2.794	84	638	0.526	ug/l #	70
25) 2-Butanone	4.556	43	66132	69.692	ug/l	97
52) Toluene	8.720	92	3878	1.352	ug/l	92
68) m/p-Xylenes	10.299	106	1240	0.551	ug/l	100
69) o-Xylene	10.640	106	669	0.313	ug/l	70
84) 1,2,4-Trimethylbenzene	11.756	105	2292	0.452	ug/l	90
95) Naphthalene	13.774	128	1915	0.340	ug/l #	87

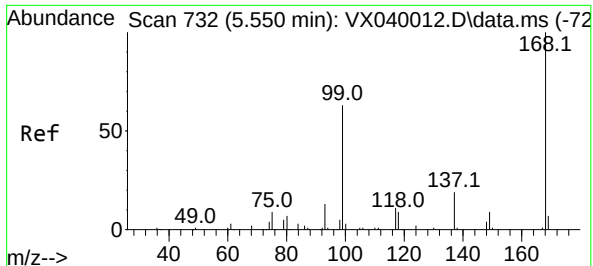
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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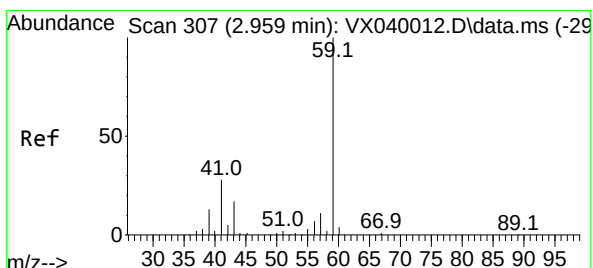
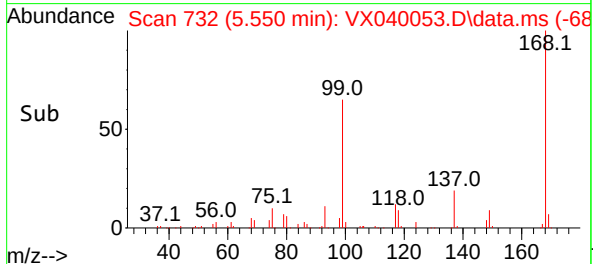
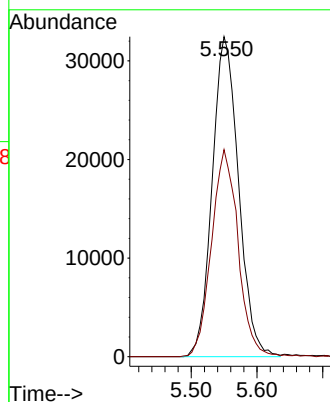
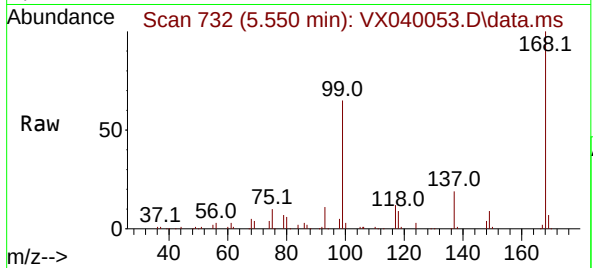




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

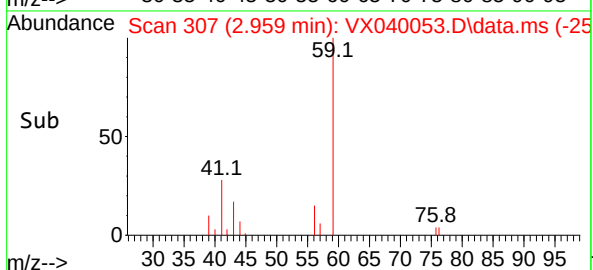
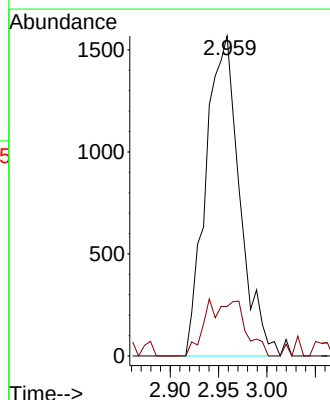
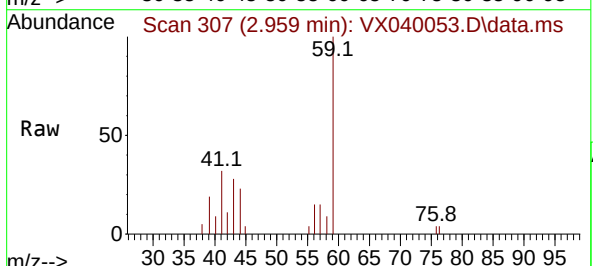
Instrument :
MSVOA_X
ClientSampleId :
1242

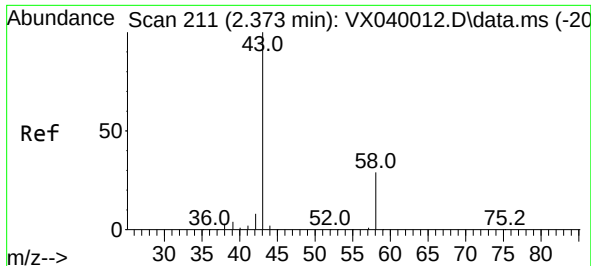
Tgt Ion:168 Resp: 90526
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 14.379 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

Tgt Ion: 59 Resp: 3801
Ion Ratio Lower Upper
59 100
57 7.2 6.0 9.0

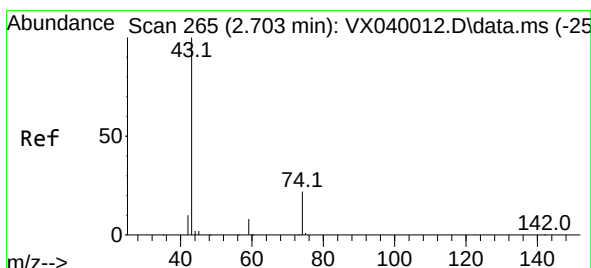
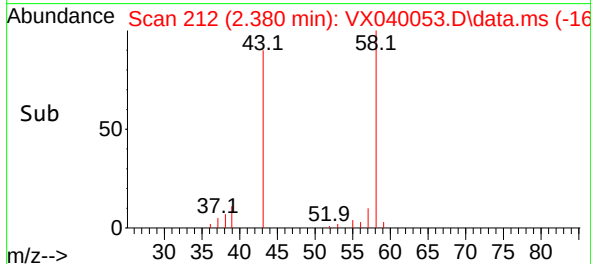
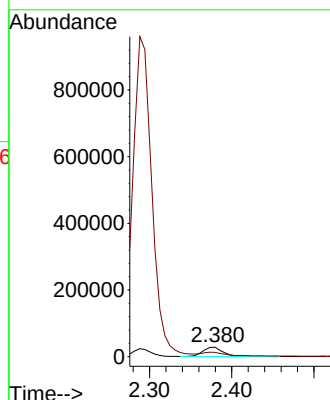
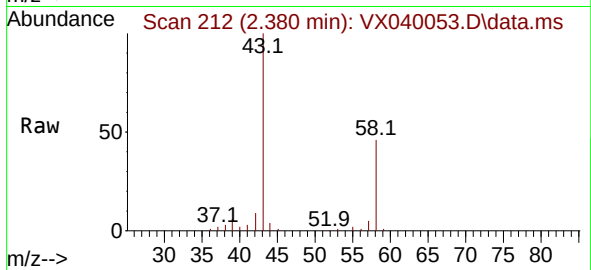




#16
Acetone
Concen: 70.349 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

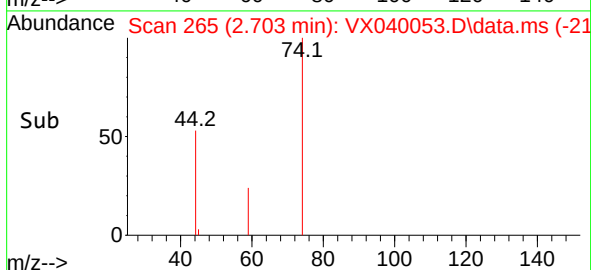
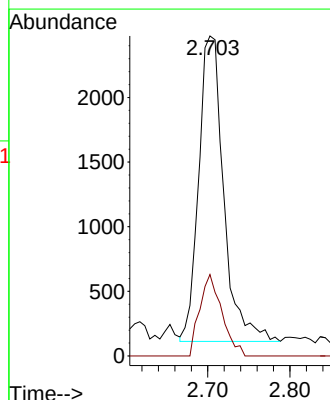
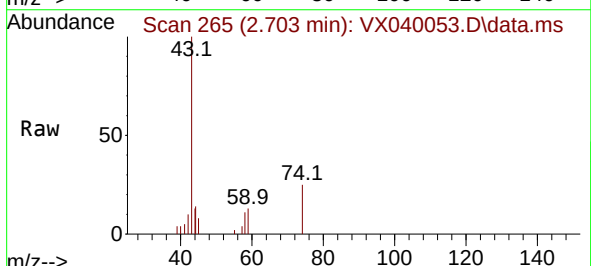
Instrument :
MSVOA_X
ClientSampleId :
1242

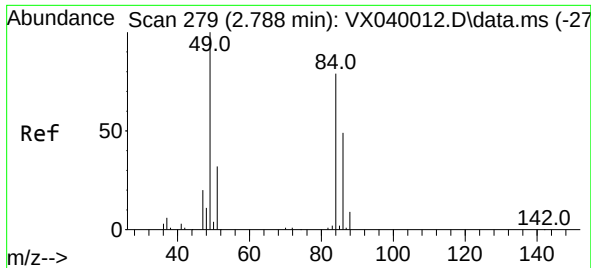
Tgt Ion: 43 Resp: 48022
Ion Ratio Lower Upper
43 100
58 39.3 21.9 32.9#



#18
Methyl Acetate
Concen: 3.091 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

Tgt Ion: 43 Resp: 4998
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8

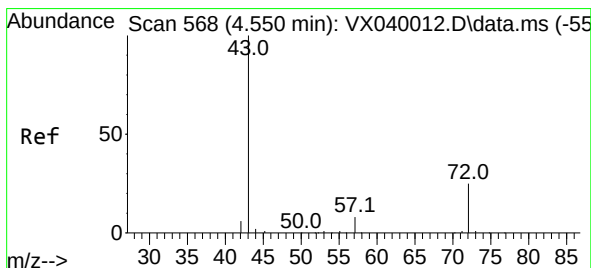
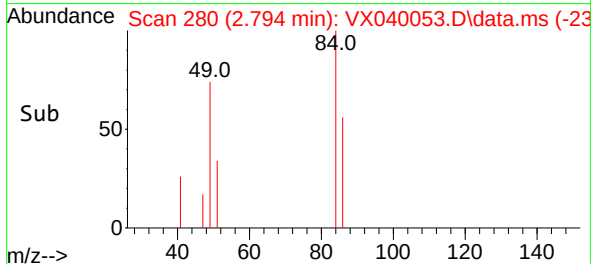
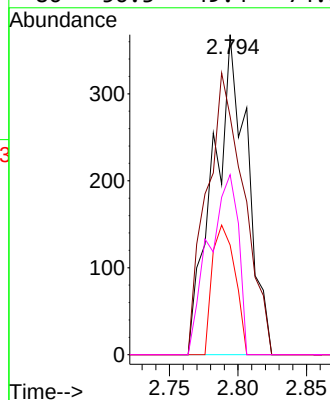
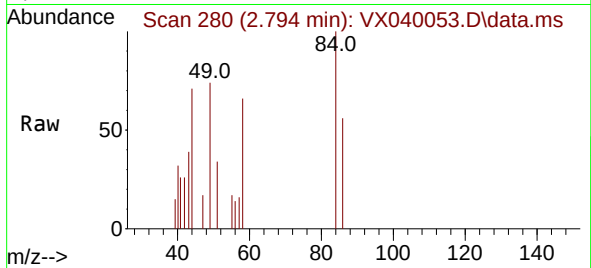




#20
Methylene Chloride
Concen: 0.526 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

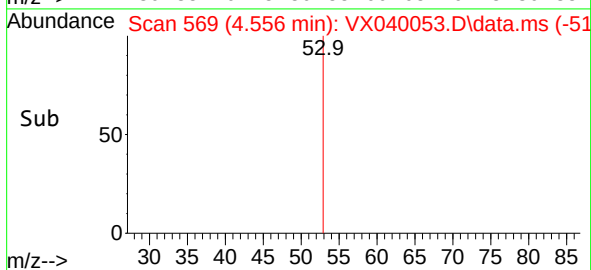
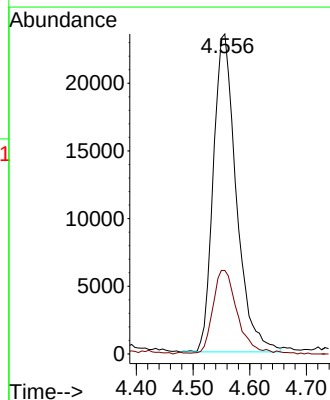
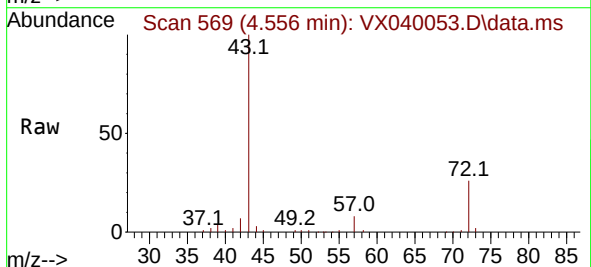
Instrument :
MSVOA_X
ClientSampleId :
1242

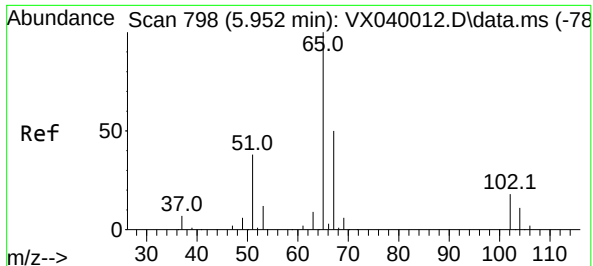
Tgt Ion: 84	Resp: 638
Ion Ratio	Lower Upper
84 100	
49 74.5	103.6 155.4#
51 34.2	33.8 50.6
86 56.3	49.4 74.0



#25
2-Butanone
Concen: 69.692 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

Tgt Ion: 43	Resp: 66132
Ion Ratio	Lower Upper
43 100	
72 25.7	19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 45.236 ug/l

RT: 5.958 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX040053.D

Acq: 31 Jan 2024 17:23

Instrument :

MSVOA_X

ClientSampleId :

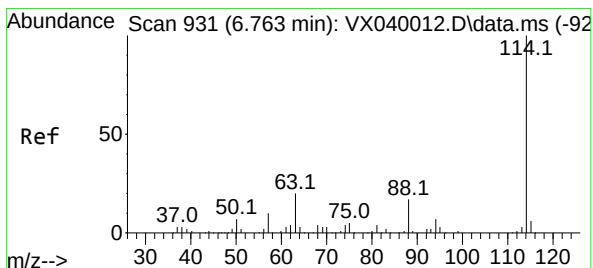
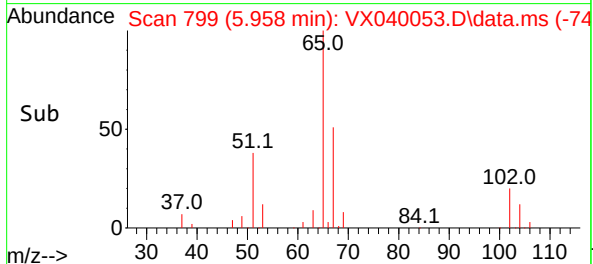
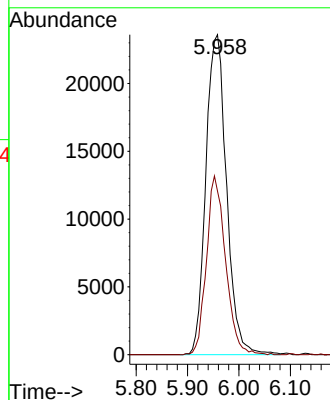
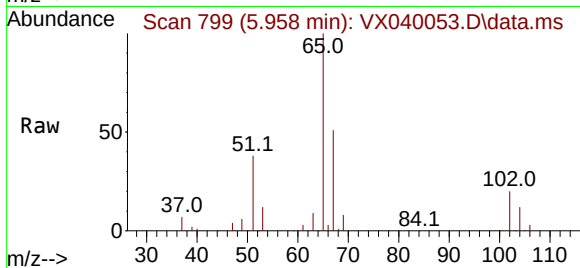
1242

Tgt Ion: 65 Resp: 65905

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040053.D

Acq: 31 Jan 2024 17:23

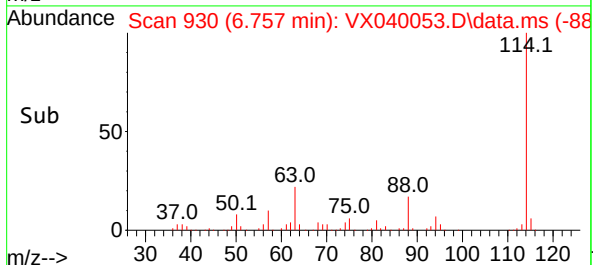
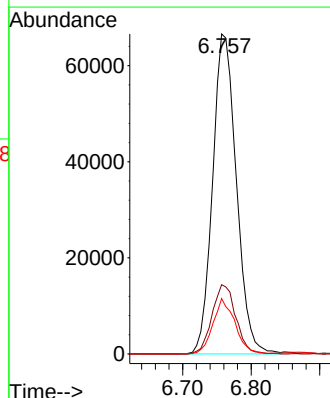
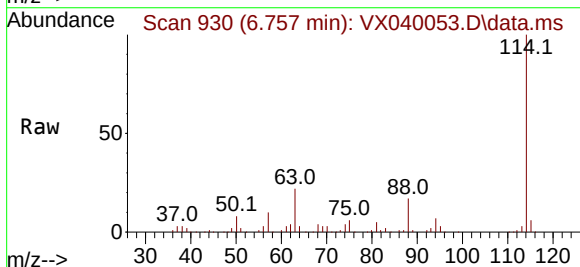
Tgt Ion: 114 Resp: 160449

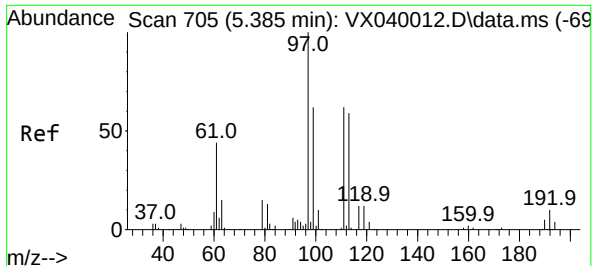
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.001 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040053.D

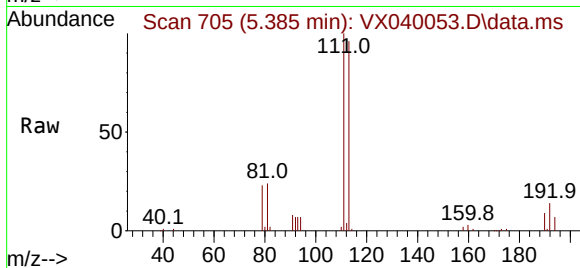
Acq: 31 Jan 2024 17:23

Instrument :

MSVOA_X

ClientSampleId :

1242



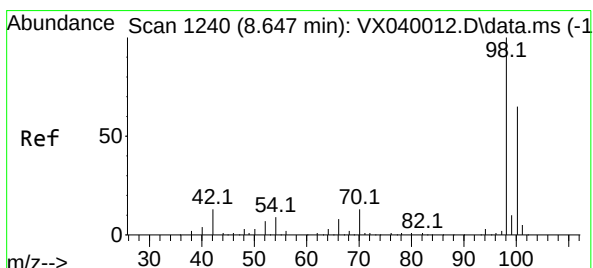
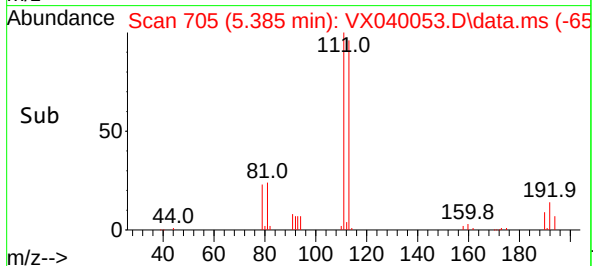
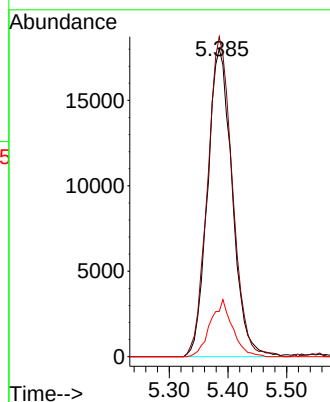
Tgt Ion:113 Resp: 52428

Ion Ratio Lower Upper

113 100

111 104.7 82.9 124.3

192 16.7 13.3 19.9



#50

Toluene-d8

Concen: 49.631 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX040053.D

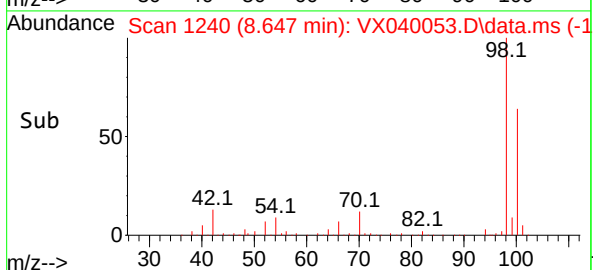
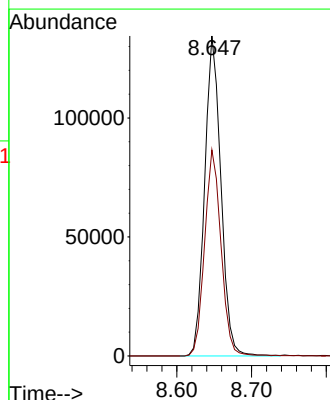
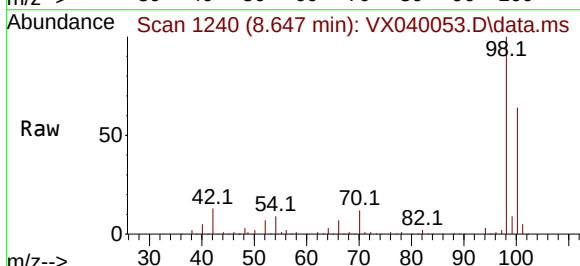
Acq: 31 Jan 2024 17:23

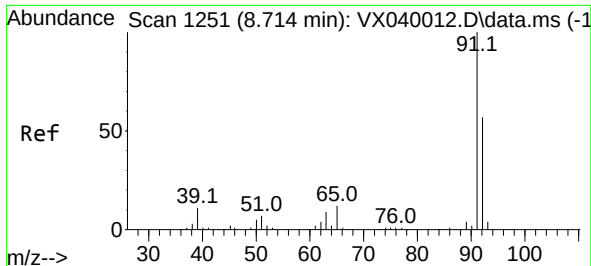
Tgt Ion: 98 Resp: 202725

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

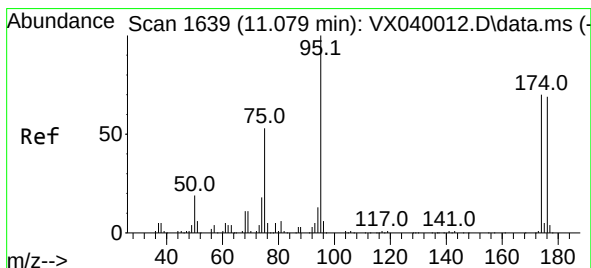
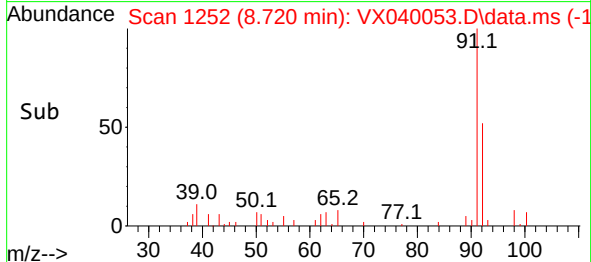
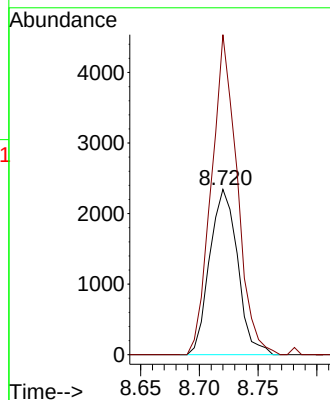
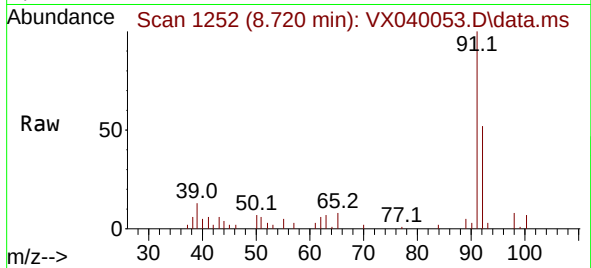




#52
Toluene
Concen: 1.352 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

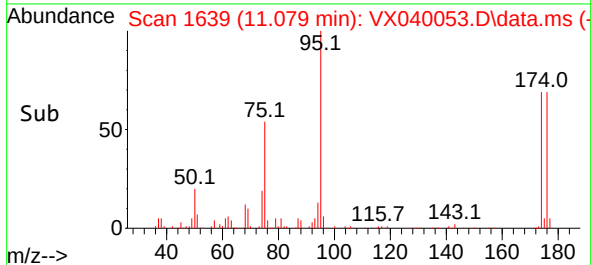
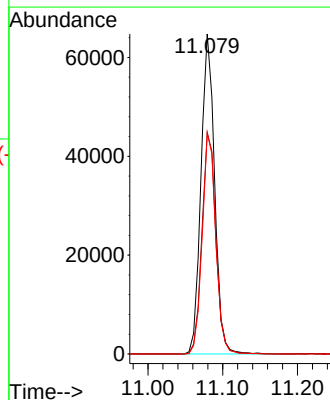
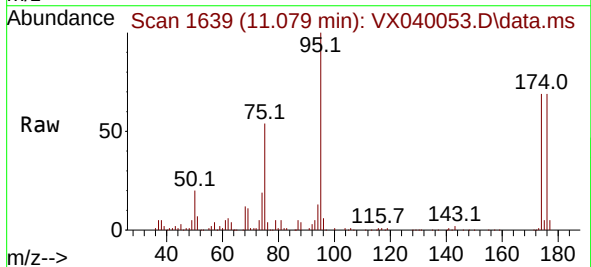
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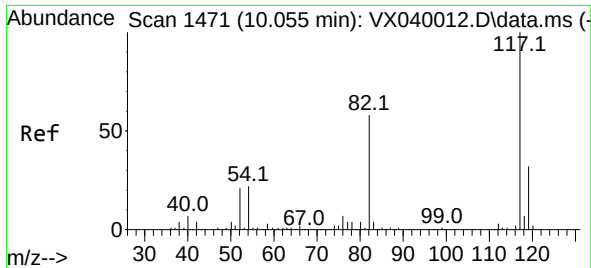
Tgt Ion: 92 Resp: 3878
Ion Ratio Lower Upper
92 100
91 178.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 52.063 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

Tgt Ion: 95 Resp: 81884
Ion Ratio Lower Upper
95 100
174 70.5 0.0 135.6
176 68.5 0.0 131.0

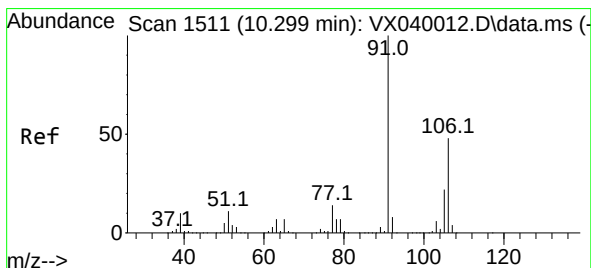
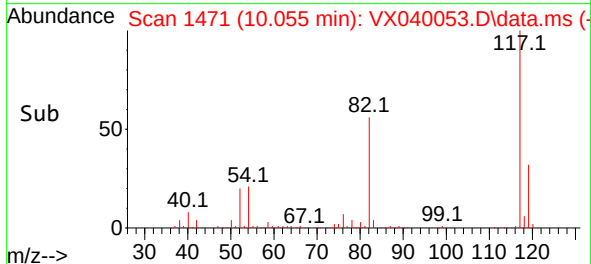
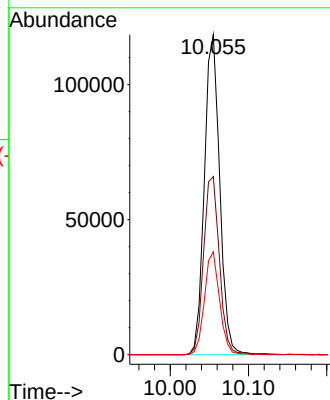
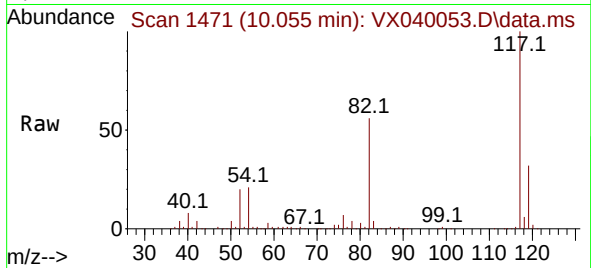




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

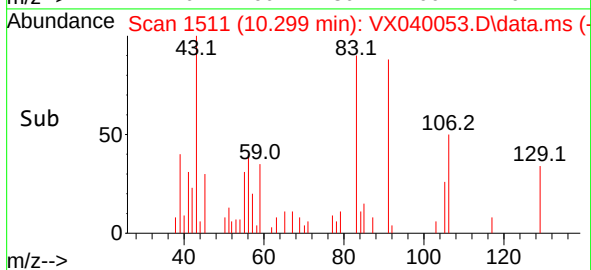
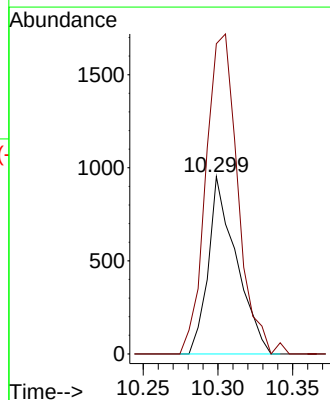
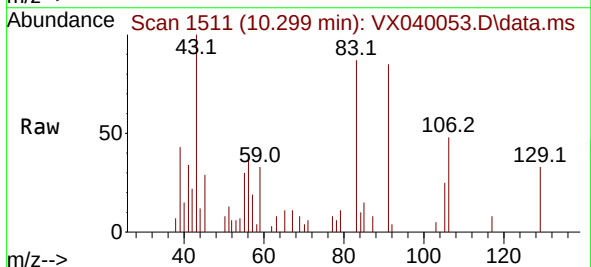
Instrument :
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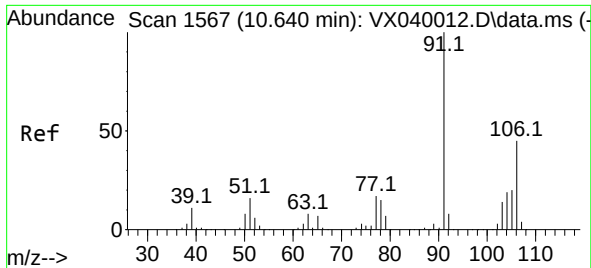
Tgt Ion:117 Resp: 161291
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 0.551 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

Tgt Ion:106 Resp: 1240
Ion Ratio Lower Upper
106 100
91 206.5 165.5 248.3

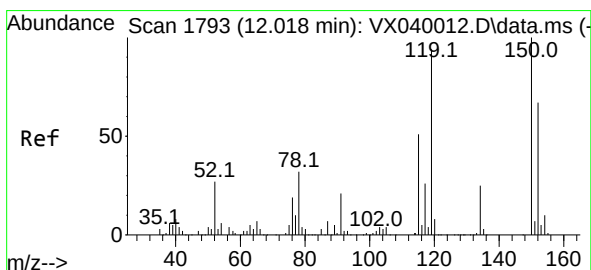
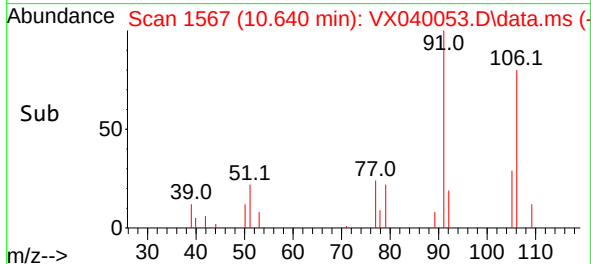
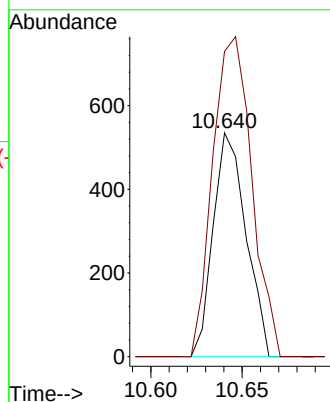
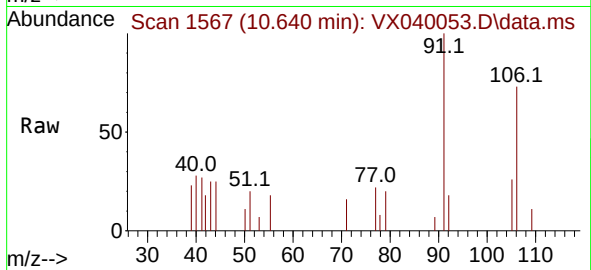




#69
o-Xylene
Concen: 0.313 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

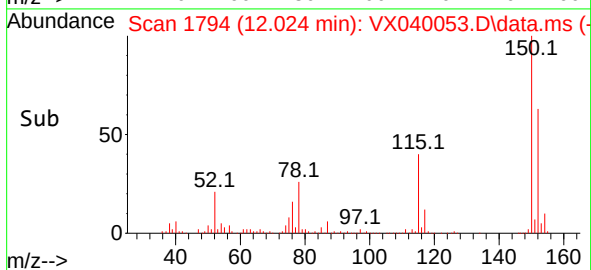
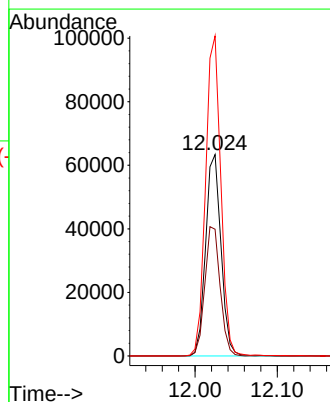
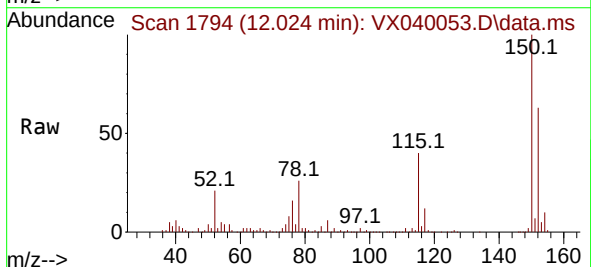
Instrument :
MSVOA_X
ClientSampleId :
1242

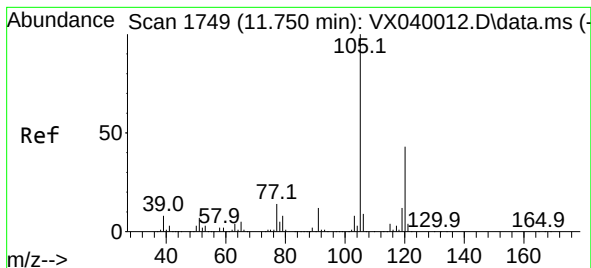
Tgt Ion:106 Resp: 669
Ion Ratio Lower Upper
106 100
91 170.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040053.D
Acq: 31 Jan 2024 17:23

Tgt Ion:152 Resp: 82306
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 157.1 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.452 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040053.D

Acq: 31 Jan 2024 17:23

Instrument :

MSVOA_X

ClientSampleId :

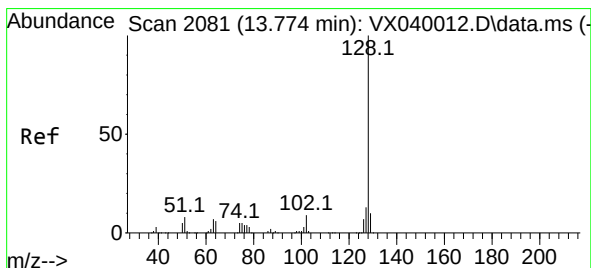
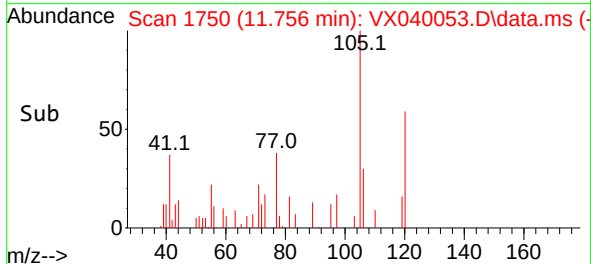
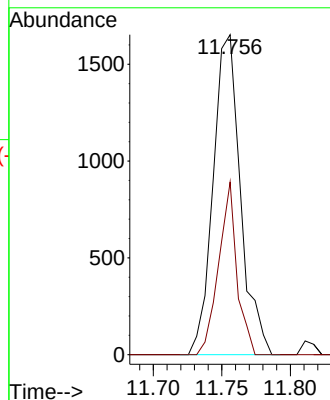
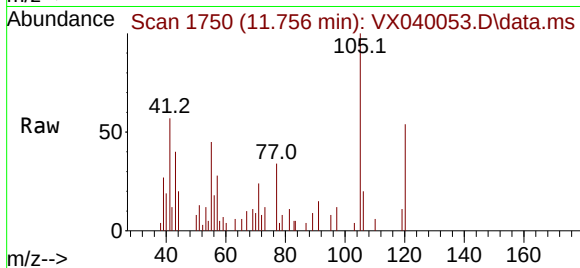
1242

Tgt Ion:105 Resp: 2292

Ion Ratio Lower Upper

105 100

120 35.9 21.2 63.6



#95

Naphthalene

Concen: 0.340 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040053.D

Acq: 31 Jan 2024 17:23

Tgt Ion:128 Resp: 1915

Ion Ratio Lower Upper

128 100

127 19.9 10.3 15.5#

129 7.9 8.8 13.2#

