

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042055.D
 Acq On : 26 Jun 2024 16:00
 Operator : JC/MD
 Sample : P3069-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A1285

Quant Time: Jun 27 03:44:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

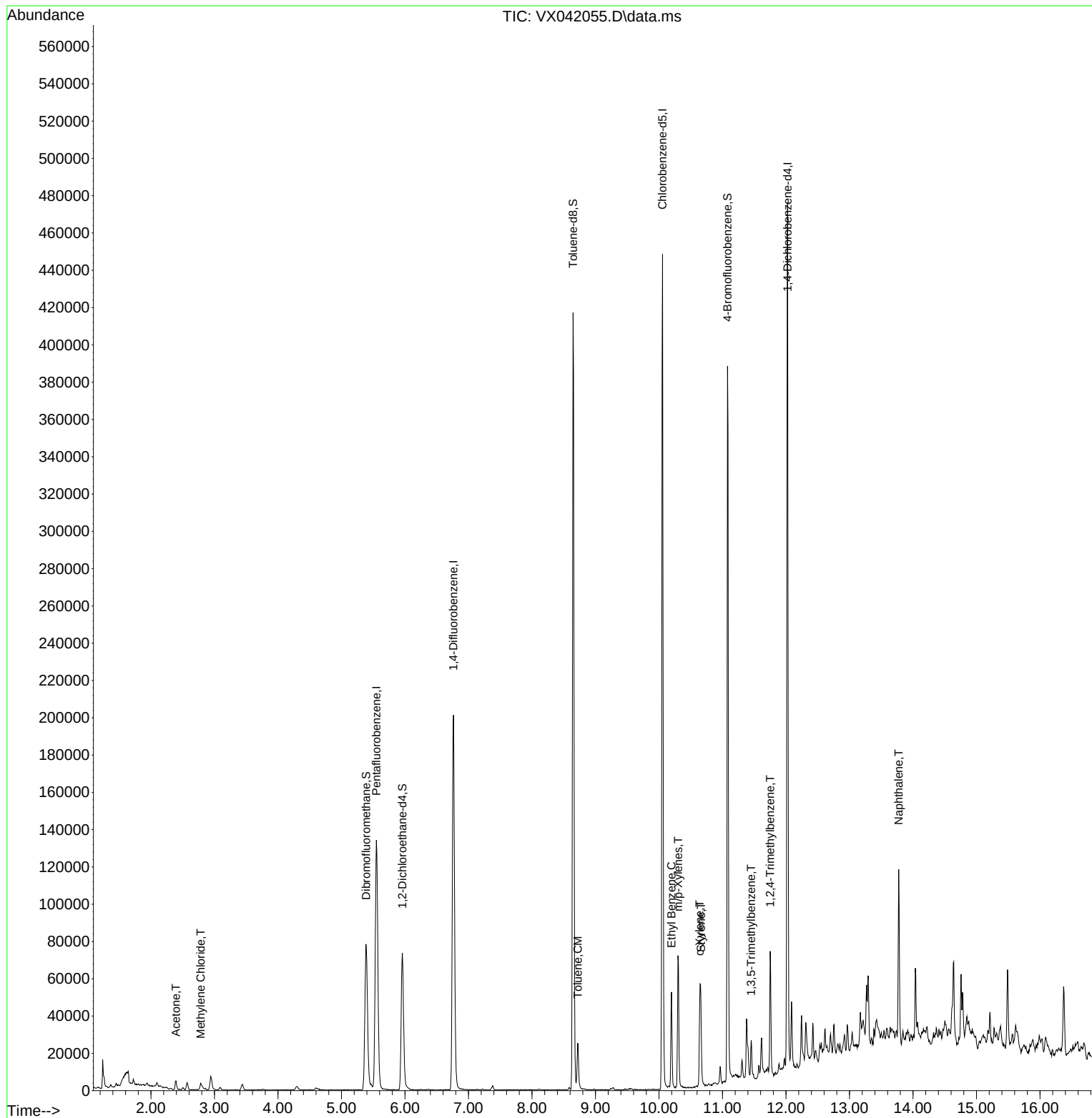
Internal Standards						
1) Pentafluorobenzene	5.550	168	151448	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	229237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69451	39.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.540%
35) Dibromofluoromethane	5.385	113	69563	42.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.540%
50) Toluene-d8	8.647	98	261184	45.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.420%#
62) 4-Bromofluorobenzene	11.079	95	101507	48.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	5279	6.884	ug/l	93
20) Methylene Chloride	2.782	84	1872	1.115	ug/l	# 88
52) Toluene	8.720	92	10329	2.784	ug/l	99
67) Ethyl Benzene	10.195	91	30799	4.235	ug/l	97
68) m/p-Xylenes	10.299	106	18831	6.414	ug/l	89
69) o-Xylene	10.640	106	10264	3.531	ug/l	87
70) Styrene	10.659	104	18508	3.797	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	8950	1.559	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	29548	5.131	ug/l	87
95) Naphthalene	13.774	128	63209	8.411	ug/l	100

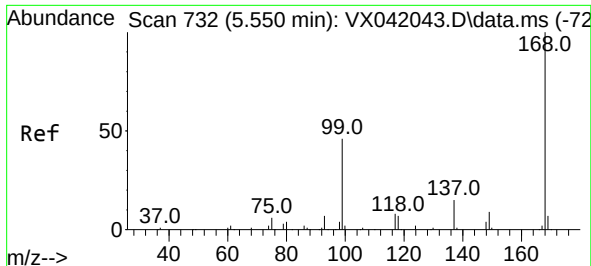
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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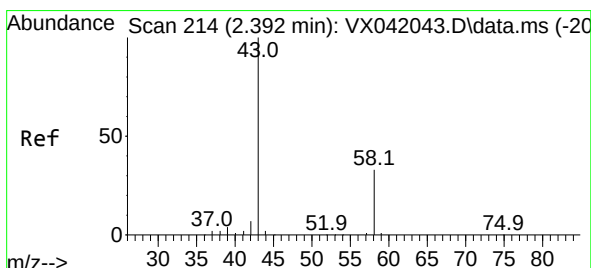
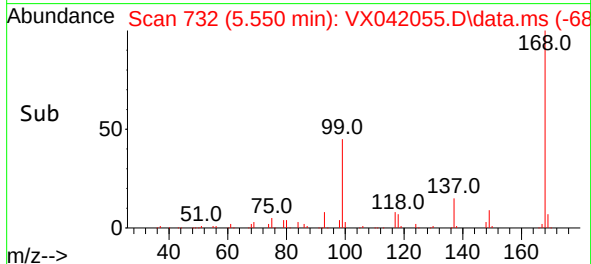
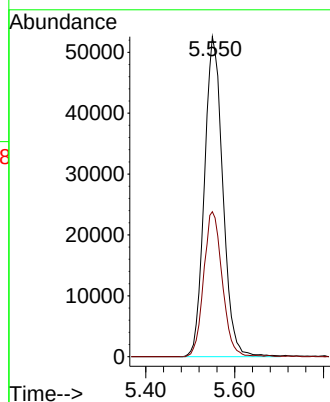
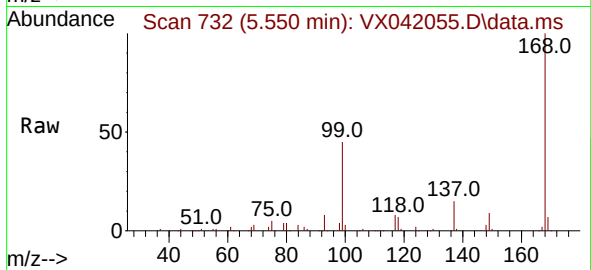




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

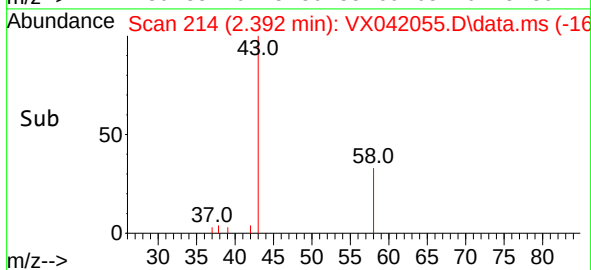
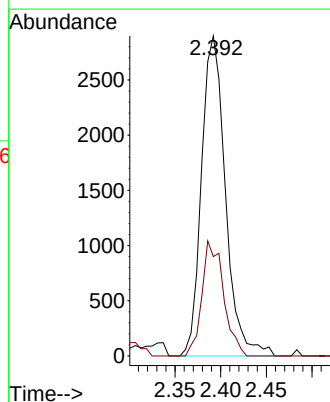
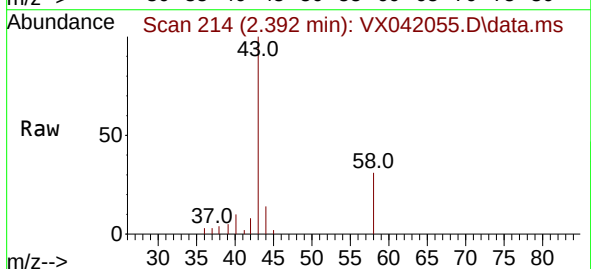
Instrument :
MSVOA_X
ClientSampleId :
A1285

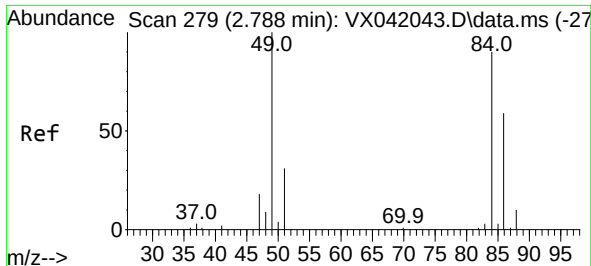
Tgt Ion:168 Resp: 151448
Ion Ratio Lower Upper
168 100
99 45.3 56.6 85.0#



#16
Acetone
Concen: 6.884 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

Tgt Ion: 43 Resp: 5279
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

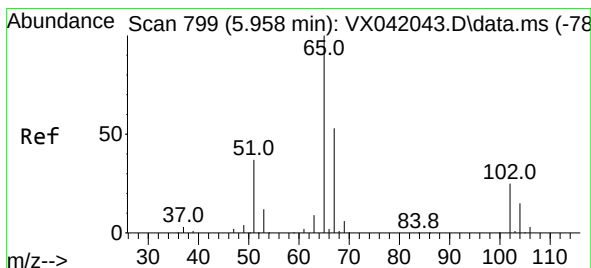
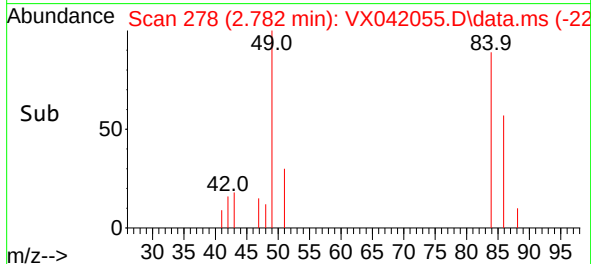
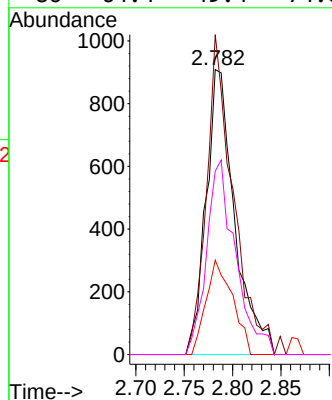
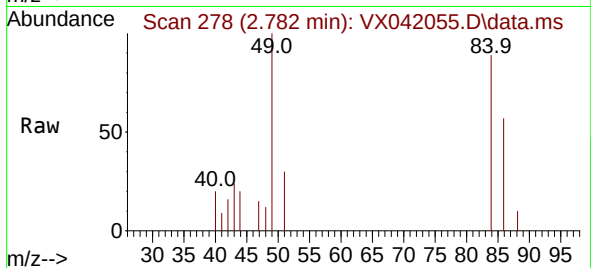




#20
Methylene Chloride
Concen: 1.115 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

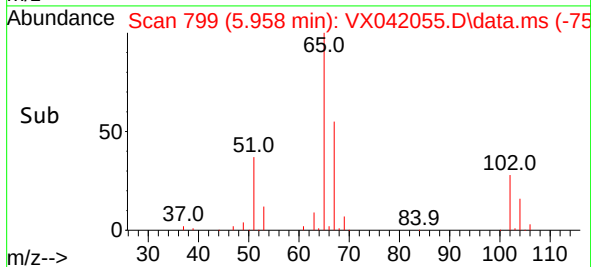
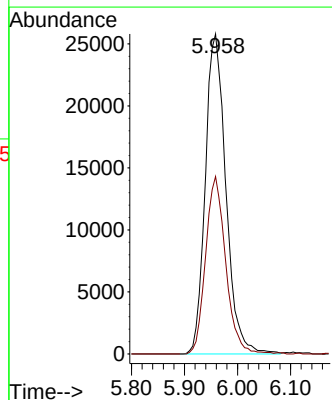
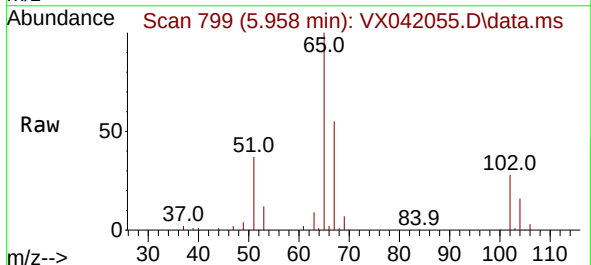
Instrument :
MSVOA_X
ClientSampleId :
A1285

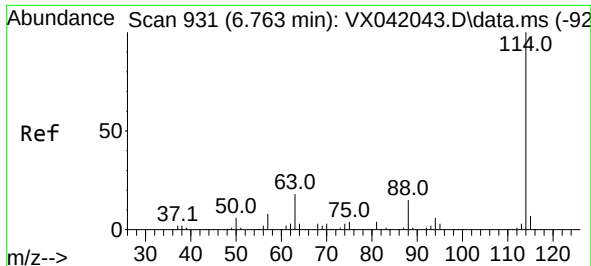
Tgt Ion: 84	Resp: 1872
Ion Ratio	Lower Upper
84 100	
49 112.2	103.6 155.4
51 33.1	33.8 50.6#
86 64.4	49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 39.768 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

Tgt Ion: 65	Resp: 69451
Ion Ratio	Lower Upper
65 100	
67 54.1	0.0 100.2

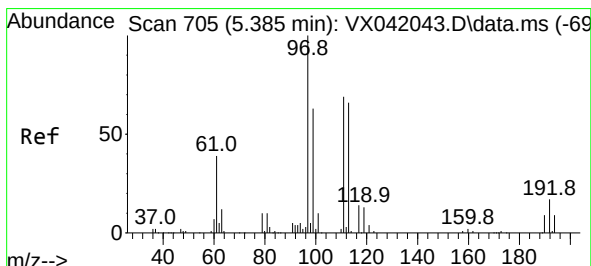
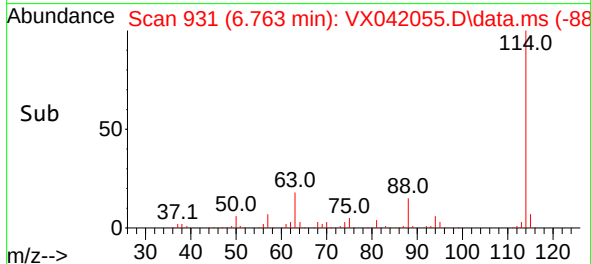
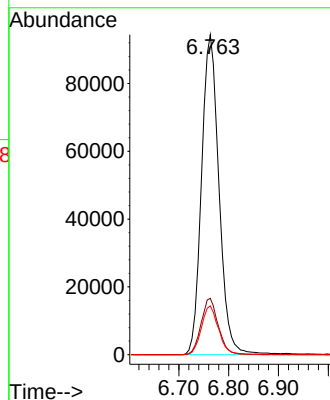
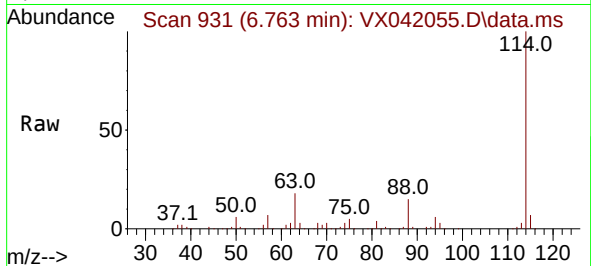




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

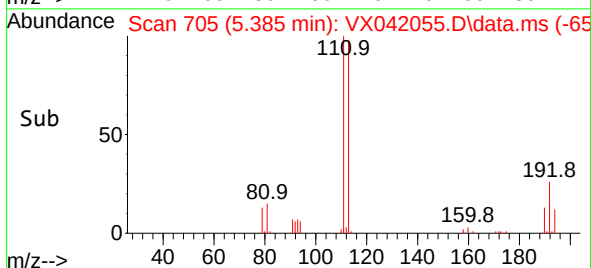
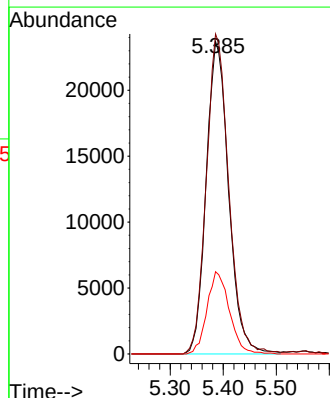
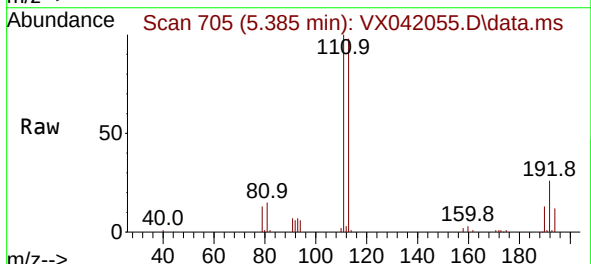
Instrument :
MSVOA_X
ClientSampleId :
A1285

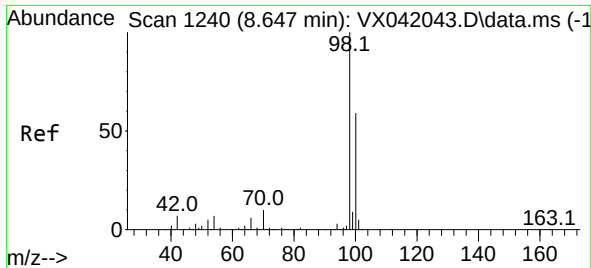
Tgt Ion:114 Resp: 229237
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.767 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

Tgt Ion:113 Resp: 69563
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 26.3 13.3 19.9#

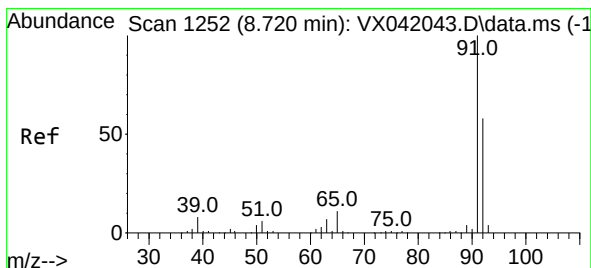
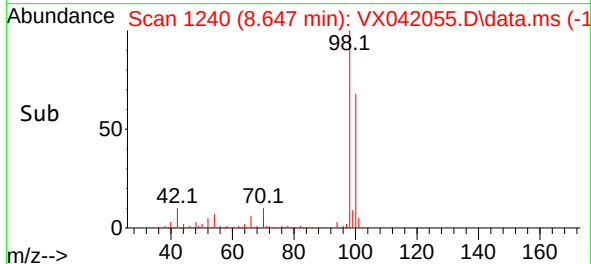
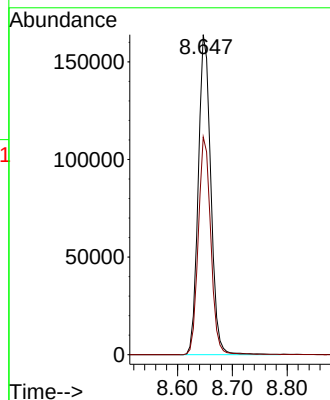
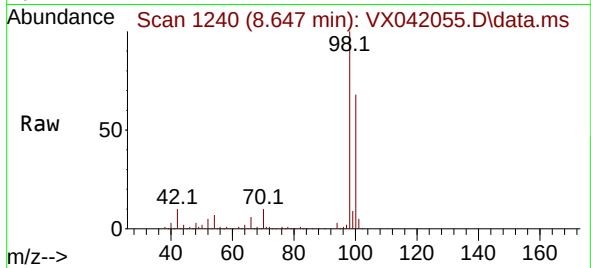




#50
Toluene-d8
Concen: 45.708 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

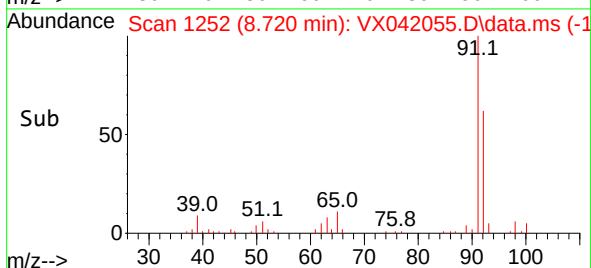
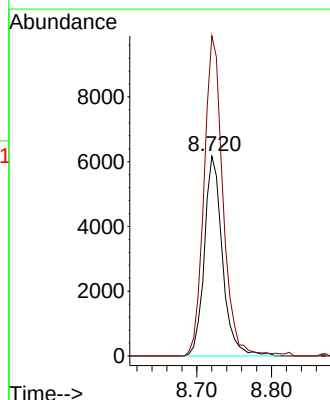
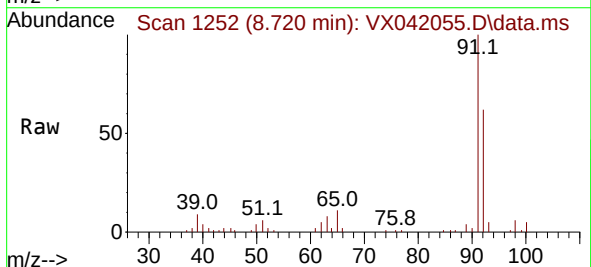
Instrument :
MSVOA_X
ClientSampleId :
A1285

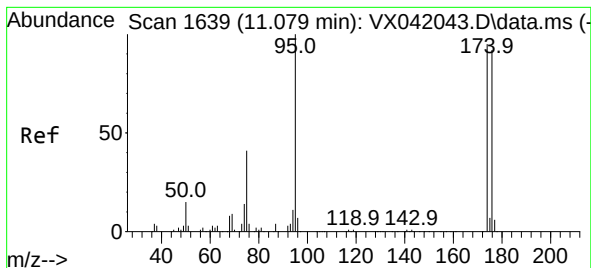
Tgt Ion: 98 Resp: 261184
Ion Ratio Lower Upper
98 100
100 67.7 53.1 79.7



#52
Toluene
Concen: 2.784 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

Tgt Ion: 92 Resp: 10329
Ion Ratio Lower Upper
92 100
91 168.7 134.2 201.2

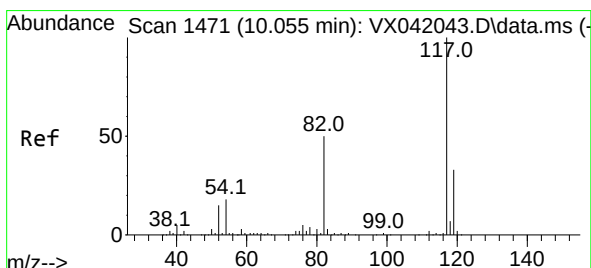
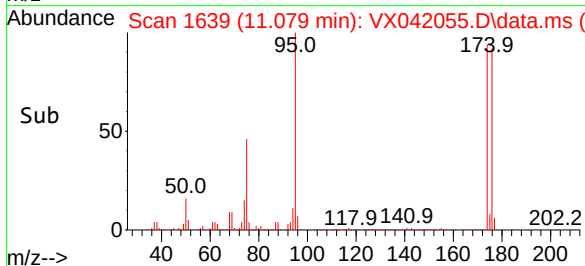
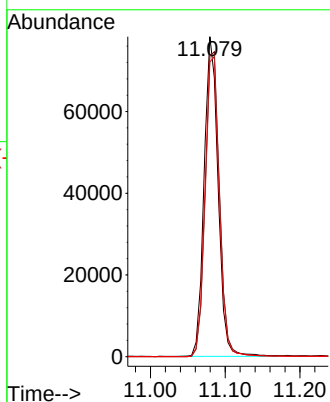
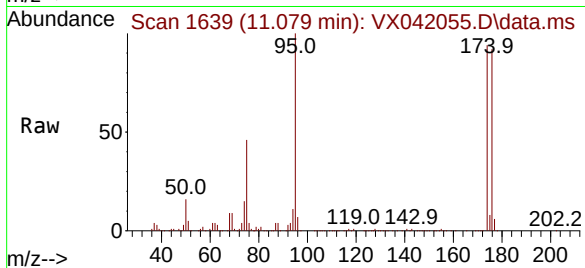




#62
4-Bromofluorobenzene
Concen: 48.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

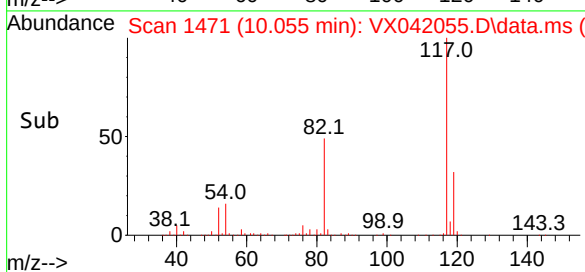
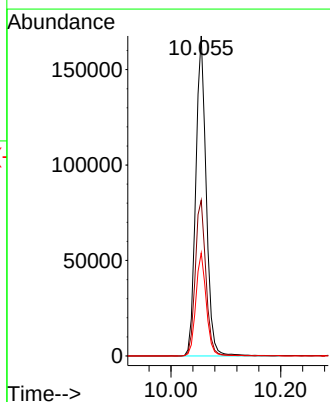
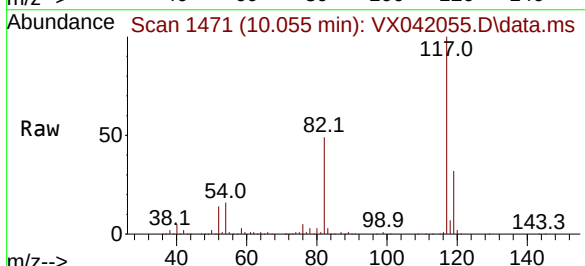
Instrument :
MSVOA_X
ClientSampleId :
A1285

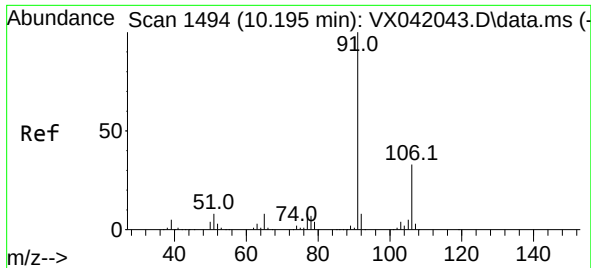
Tgt Ion: 95 Resp: 101507
Ion Ratio Lower Upper
95 100
174 99.3 0.0 135.6
176 96.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

Tgt Ion: 117 Resp: 223138
Ion Ratio Lower Upper
117 100
82 48.6 46.2 69.4
119 32.2 25.5 38.3

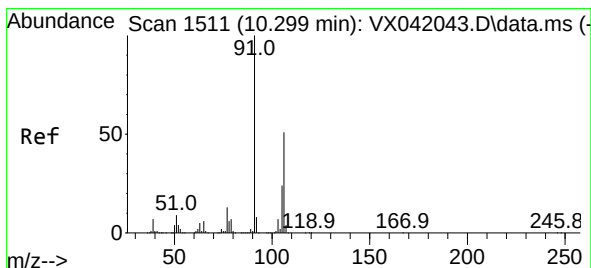
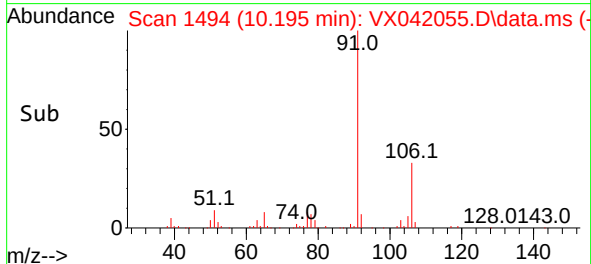
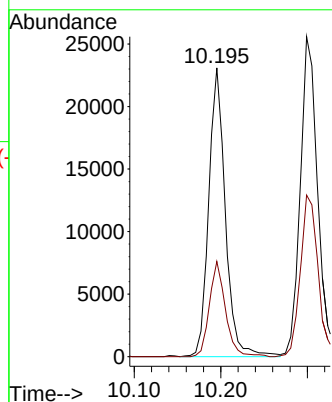
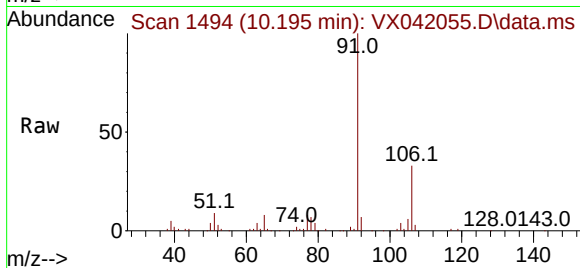




#67
Ethyl Benzene
Concen: 4.235 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

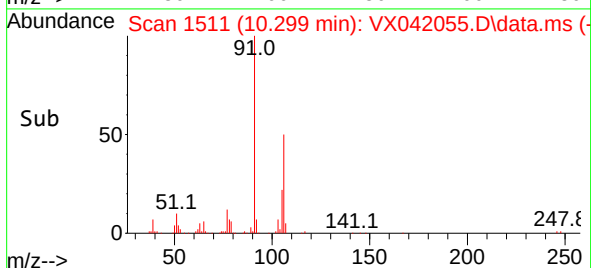
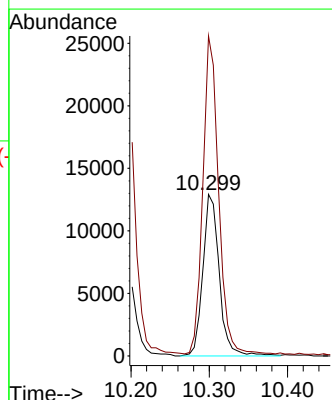
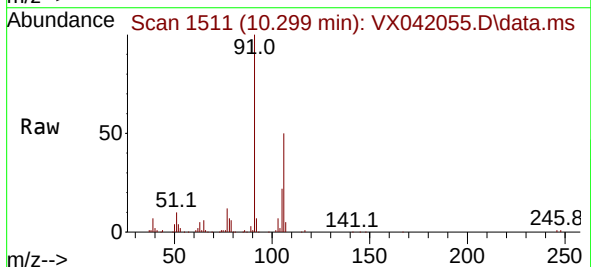
Instrument :
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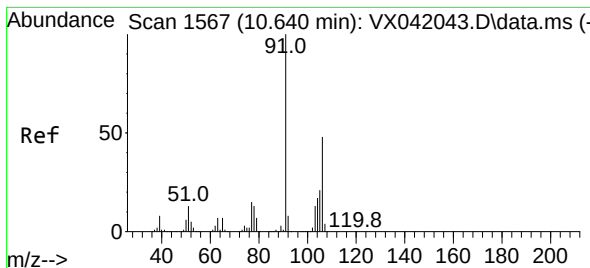
Tgt Ion: 91 Resp: 30799
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3



#68
m/p-Xylenes
Concen: 6.414 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

Tgt Ion: 106 Resp: 18831
Ion Ratio Lower Upper
106 100
91 189.8 165.5 248.3





#69

o-Xylene

Concen: 3.531 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042055.D

Acq: 26 Jun 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

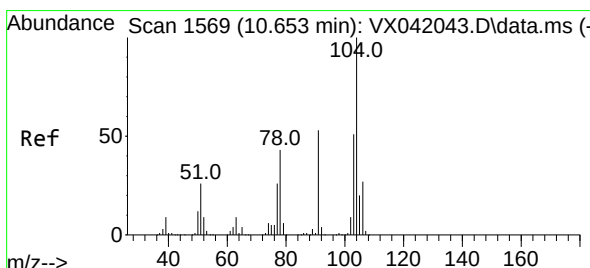
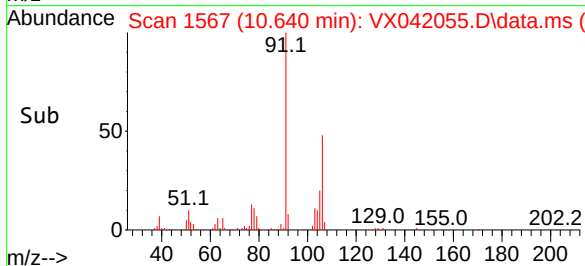
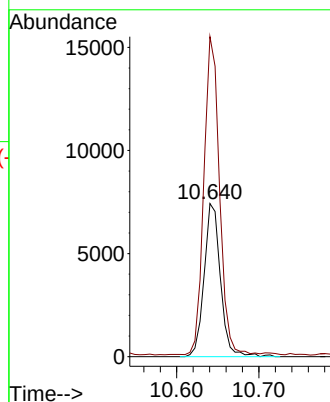
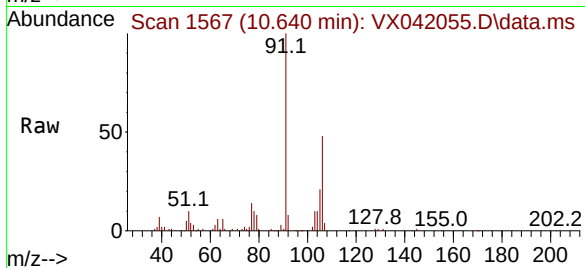
A1285

Tgt Ion:106 Resp: 10264

Ion Ratio Lower Upper

106 100

91 197.4 108.9 326.8



#70

Styrene

Concen: 3.797 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX042055.D

Acq: 26 Jun 2024 16:00

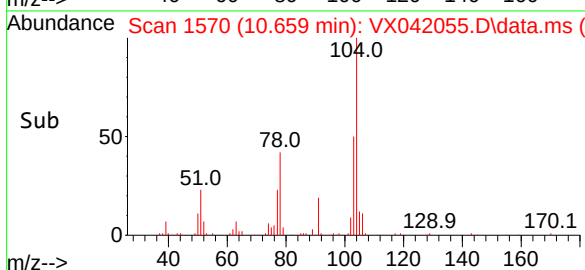
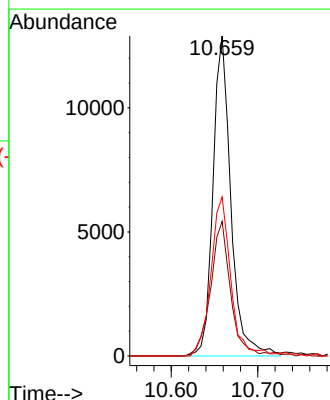
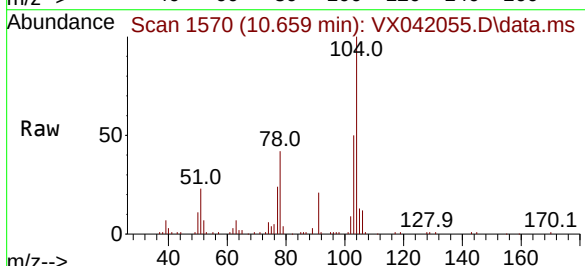
Tgt Ion:104 Resp: 18508

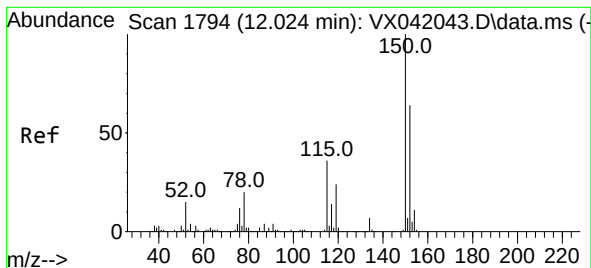
Ion Ratio Lower Upper

104 100

78 47.5 43.6 65.4

103 55.3 43.6 65.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042055.D

Acq: 26 Jun 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

A1285

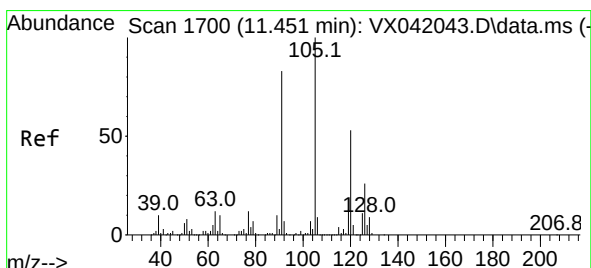
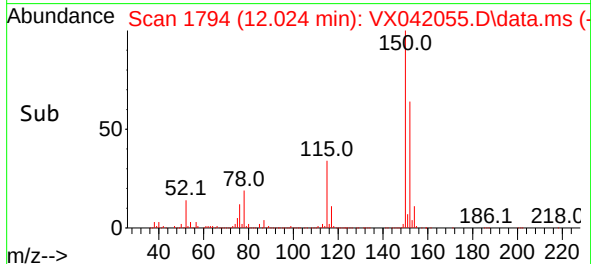
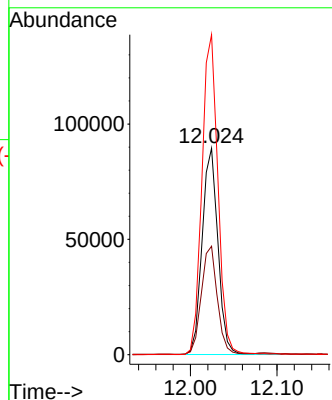
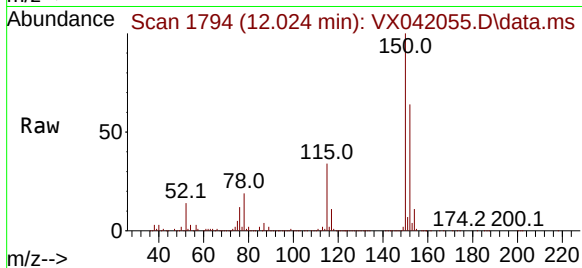
Tgt Ion:152 Resp: 113332

Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 156.9 0.0 345.0



#80

1,3,5-Trimethylbenzene

Concen: 1.559 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042055.D

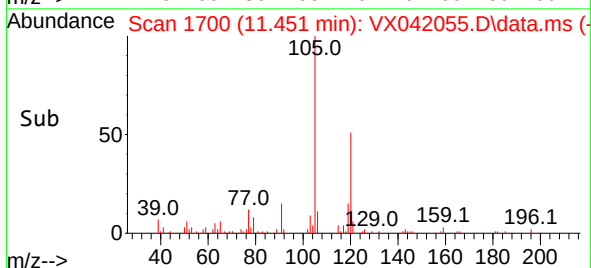
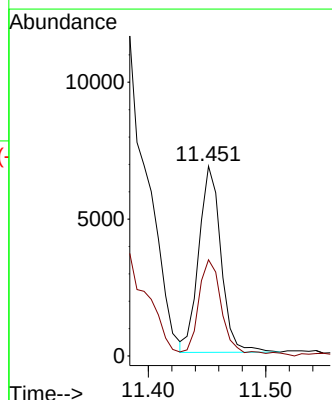
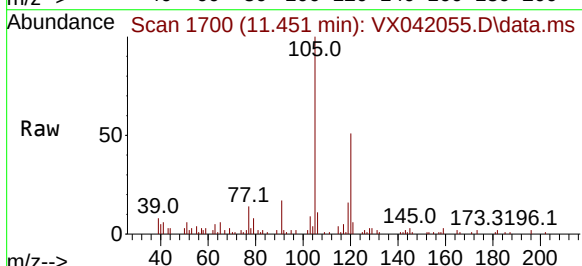
Acq: 26 Jun 2024 16:00

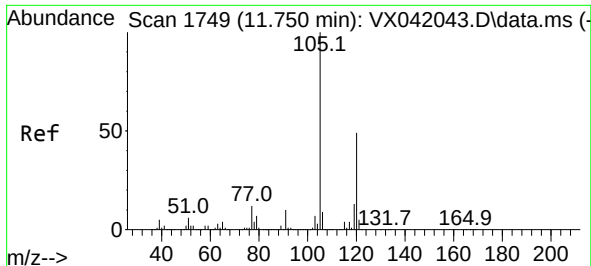
Tgt Ion:105 Resp: 8950

Ion Ratio Lower Upper

105 100

120 55.7 24.1 72.3

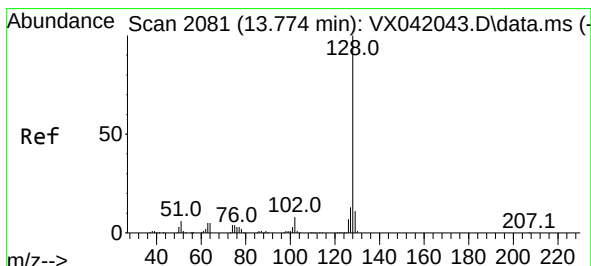
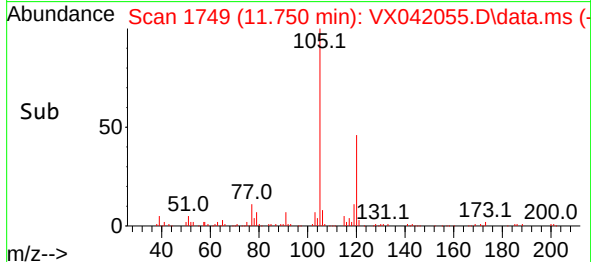
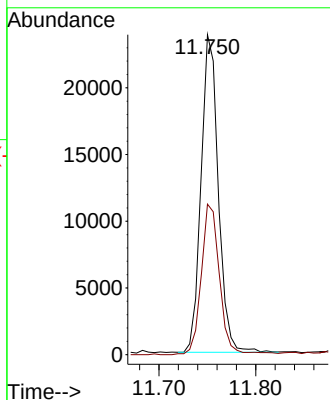
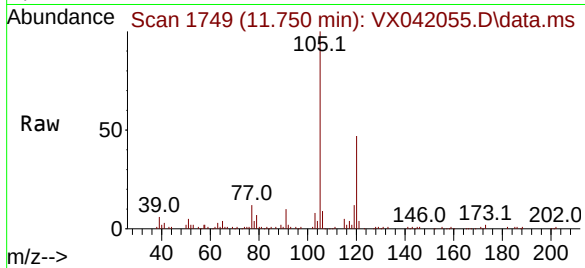




#84
1,2,4-Trimethylbenzene
Concen: 5.131 ug/l
RT: 11.750 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :
A1285

Tgt Ion:105 Resp: 29548
Ion Ratio Lower Upper
105 100
120 50.5 21.2 63.6



#95
Naphthalene
Concen: 8.411 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042055.D
Acq: 26 Jun 2024 16:00

Tgt Ion:128 Resp: 63209
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

