

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029575.D
 Acq On : 18 Jun 2022 17:23
 Operator : JC/MD
 Sample : N3325-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Jun 20 01:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

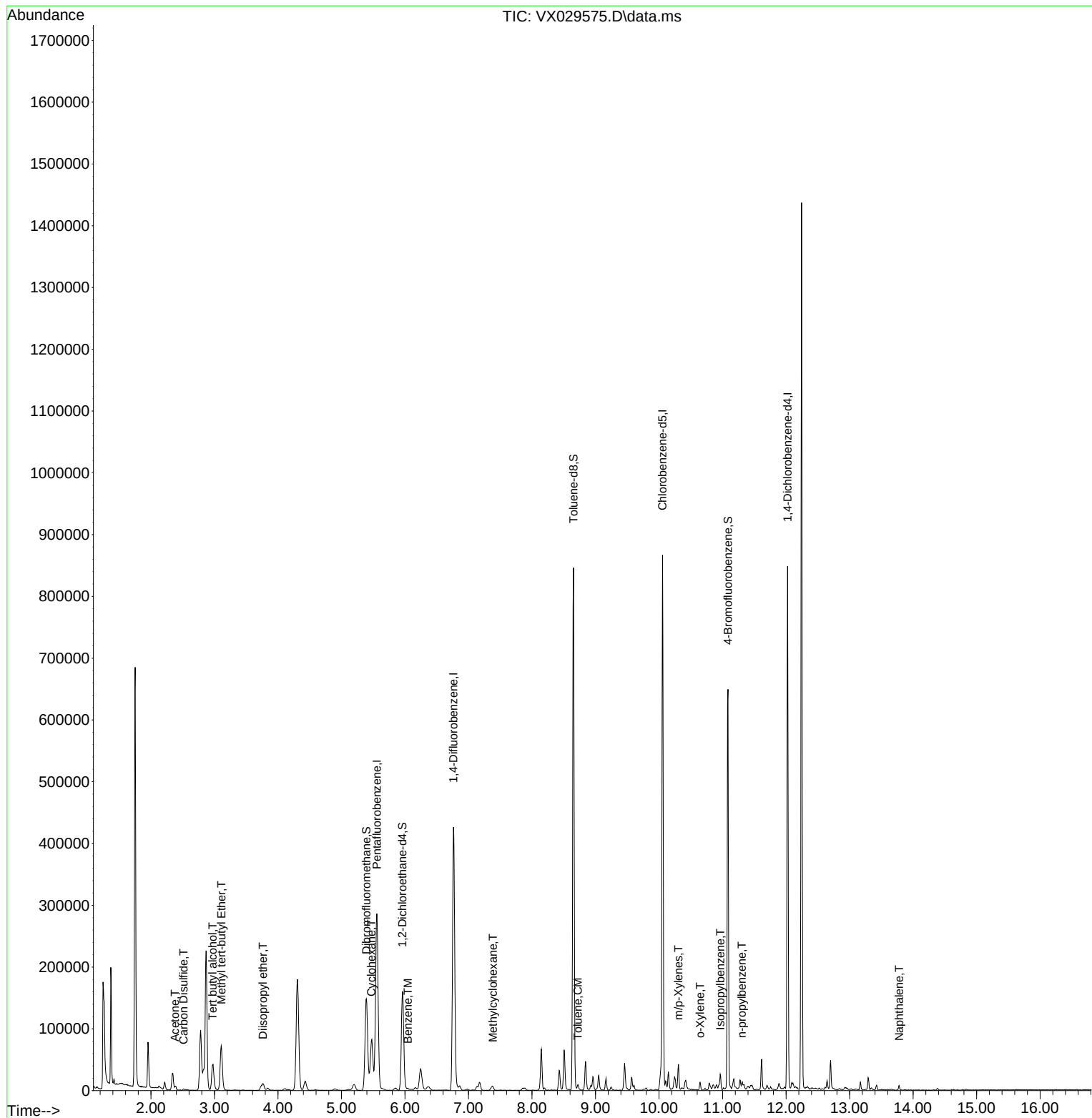
Internal Standards						
1) Pentafluorobenzene	5.556	168	273557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156815	43.305	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.620%		
35) Dibromofluoromethane	5.391	113	135879	45.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.600%		
50) Toluene-d8	8.653	98	519028	47.891	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.780%		
62) 4-Bromofluorobenzene	11.085	95	190252	46.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	60888	70.515	ug/l	99
16) Acetone	2.380	43	7291	5.051	ug/l #	84
17) Carbon Disulfide	2.514	76	3462	0.482	ug/l #	94
19) Methyl tert-butyl Ether	3.111	73	25966	2.699	ug/l #	1
22) Diisopropyl ether	3.763	45	11015	1.244	ug/l #	86
31) Cyclohexane	5.470	56	58469	12.027	ug/l	93
39) Methylcyclohexane	7.385	83	2837	0.567	ug/l	90
40) Benzene	6.044	78	3165	0.266	ug/l	91
52) Toluene	8.720	92	3086	0.405	ug/l	94
68) m/p-Xylenes	10.305	106	9619	1.765	ug/l	100
69) o-Xylene	10.646	106	2276	0.423	ug/l	91
73) Isopropylbenzene	10.963	105	11910	0.907	ug/l	100
78) n-propylbenzene	11.305	91	4702	0.318	ug/l	98
95) Naphthalene	13.780	128	4770	0.388	ug/l	98

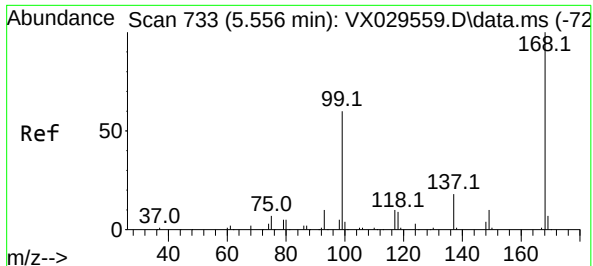
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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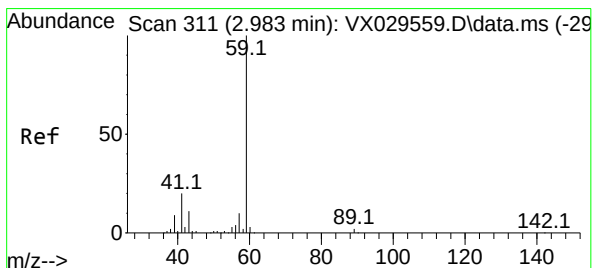
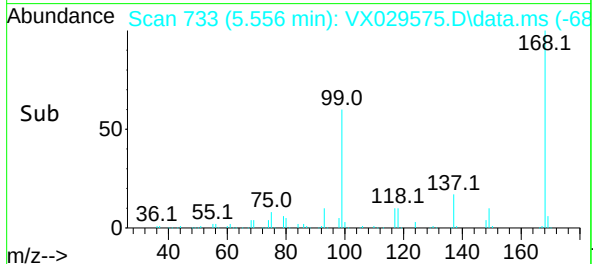
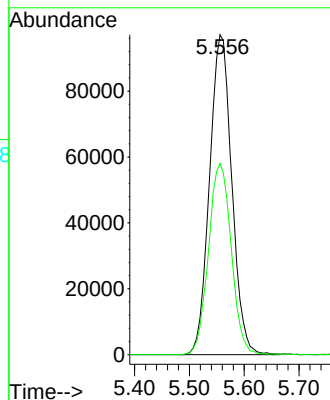
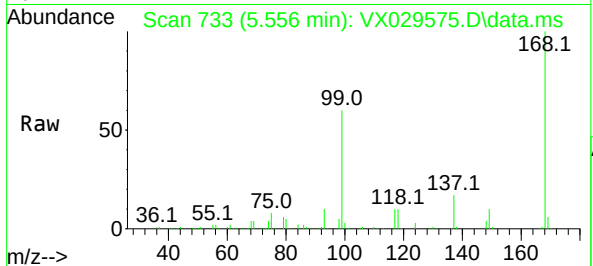




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

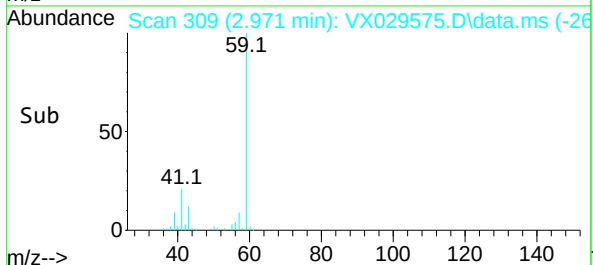
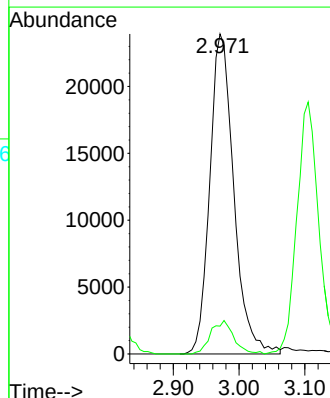
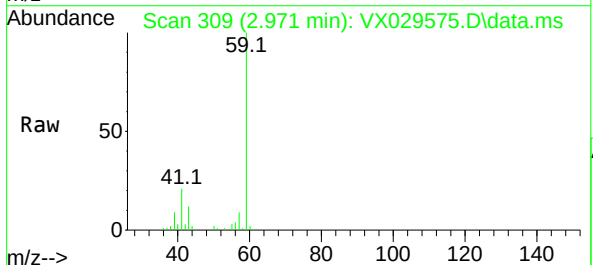
Instrument :
MSVOA_X
ClientSampleId :
MW-24

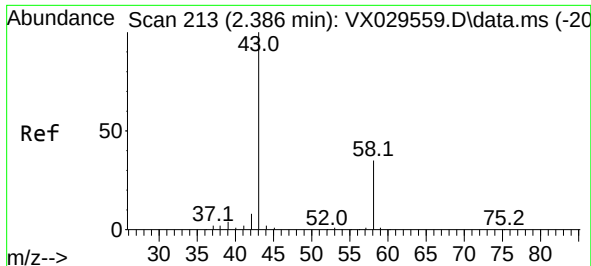
Tgt Ion:168 Resp: 273557
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#11
Tert butyl alcohol
Concen: 70.515 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion: 59 Resp: 60888
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

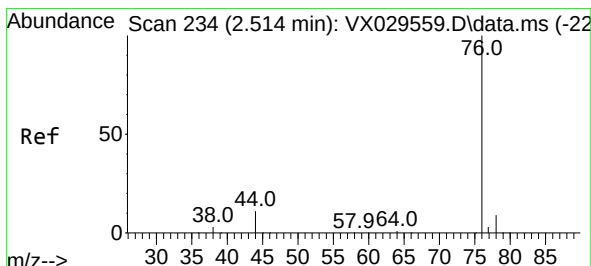
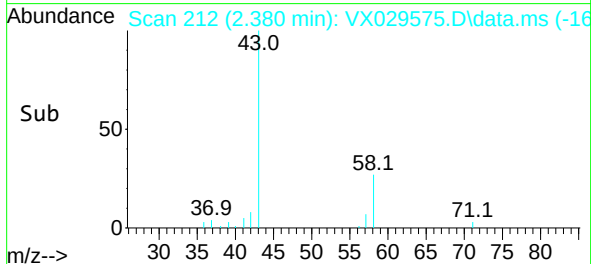
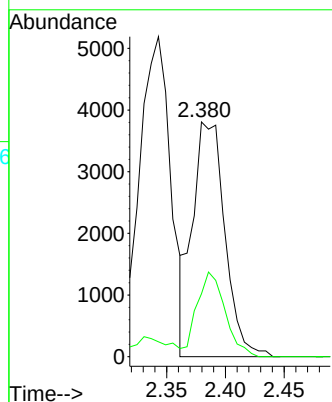
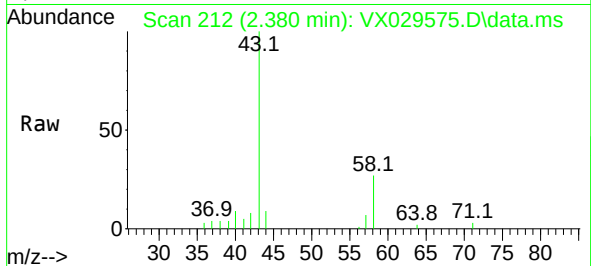




#16
Acetone
Concen: 5.051 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

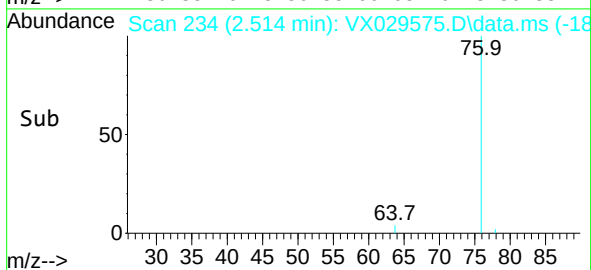
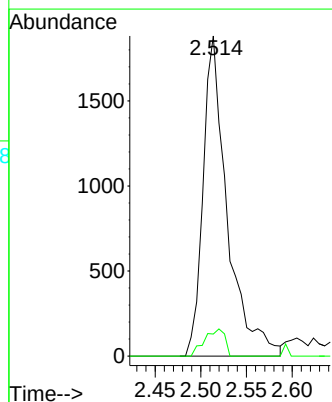
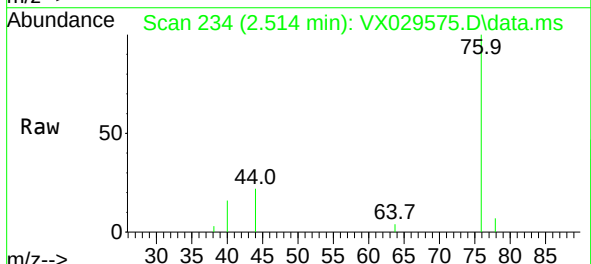
Instrument :
MSVOA_X
ClientSampleId :
MW-24

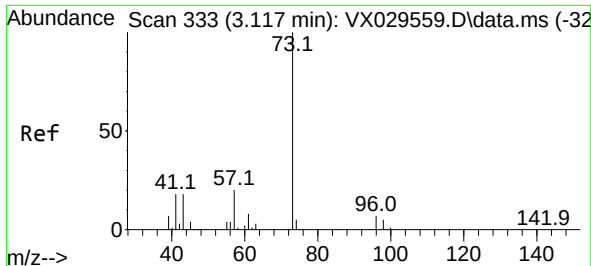
Tgt Ion: 43 Resp: 7291
Ion Ratio Lower Upper
43 100
58 26.8 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.482 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion: 76 Resp: 3462
Ion Ratio Lower Upper
76 100
78 6.9 7.2 10.8#

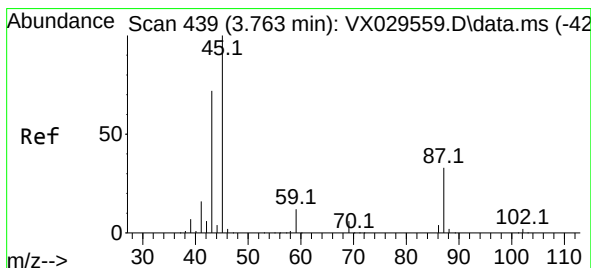
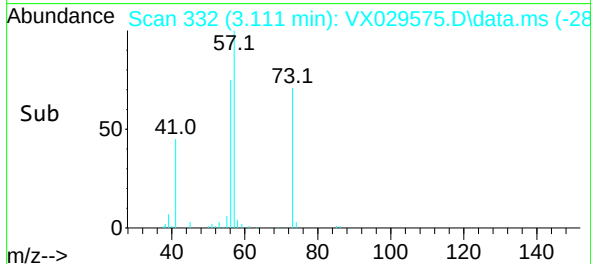
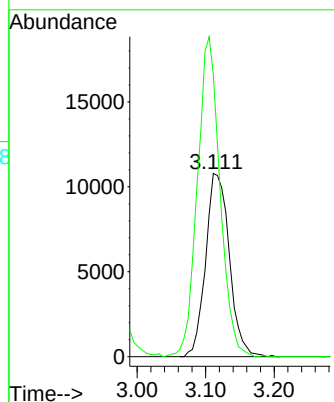
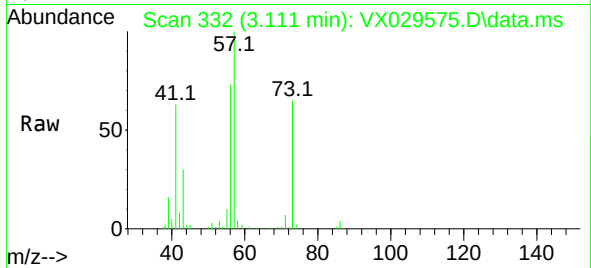




#19
Methyl tert-butyl Ether
Concen: 2.699 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

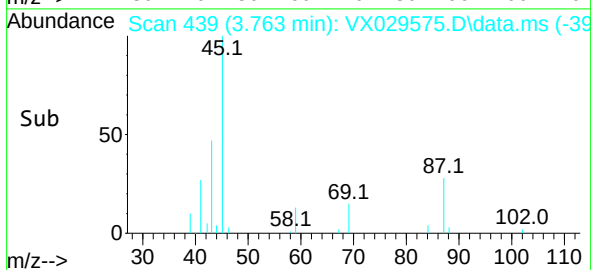
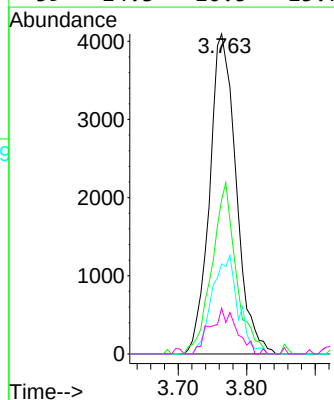
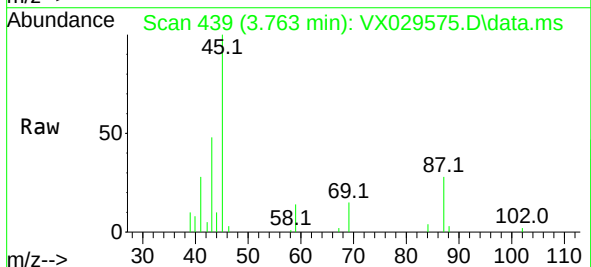
Instrument :
MSVOA_X
ClientSampleId :
MW-24

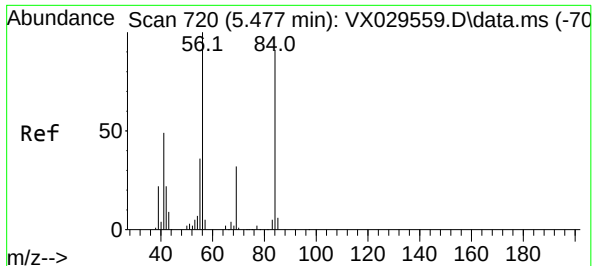
Tgt Ion: 73 Resp: 25966
Ion Ratio Lower Upper
73 100
57 154.0 16.8 25.2#



#22
Diisopropyl ether
Concen: 1.244 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion: 45 Resp: 11015
Ion Ratio Lower Upper
45 100
43 48.2 50.8 76.2#
87 28.2 26.6 39.8
59 14.3 10.5 15.7

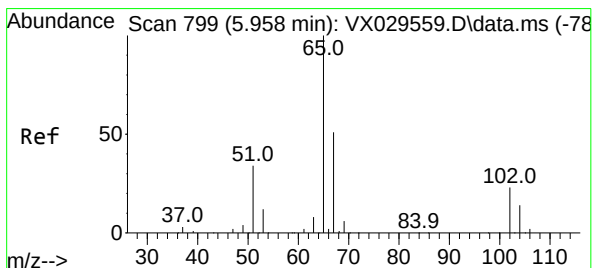
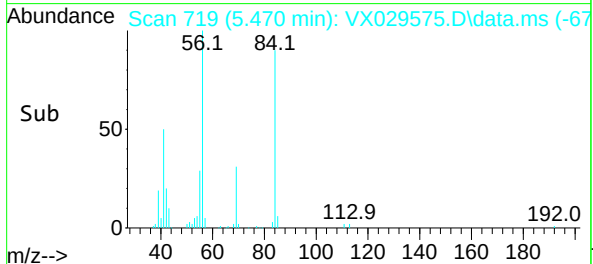
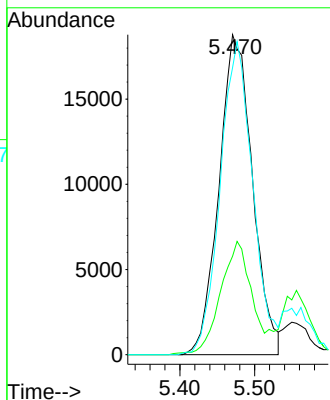
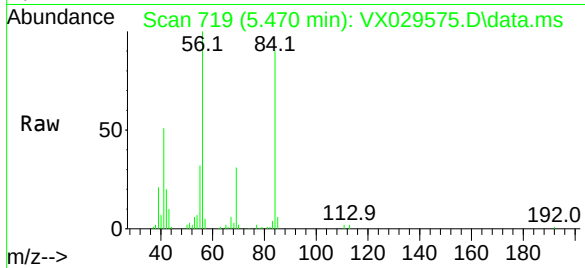




#31
Cyclohexane
Concen: 12.027 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

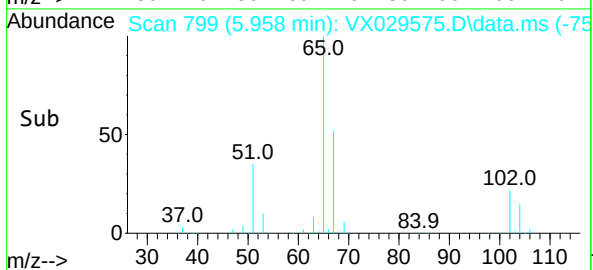
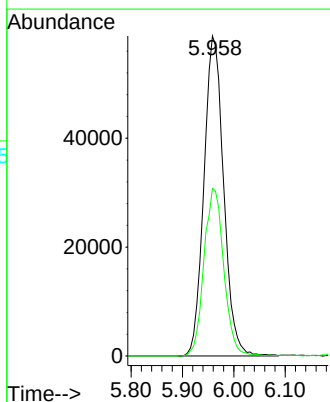
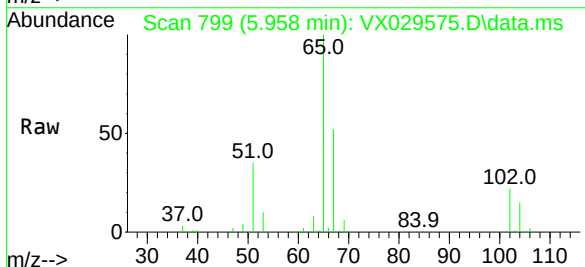
Instrument :
MSVOA_X
ClientSampleId :
MW-24

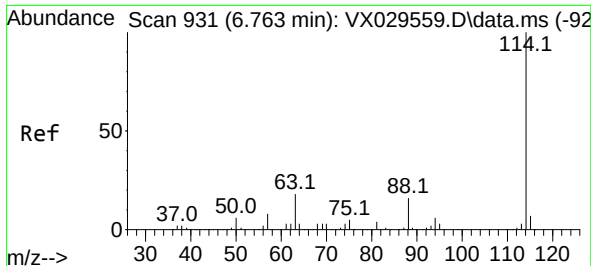
Tgt Ion: 56 Resp: 58469
Ion Ratio Lower Upper
56 100
69 30.3 26.7 40.1
84 89.7 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.305 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion: 65 Resp: 156815
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

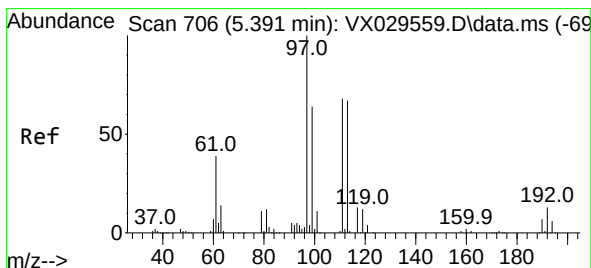
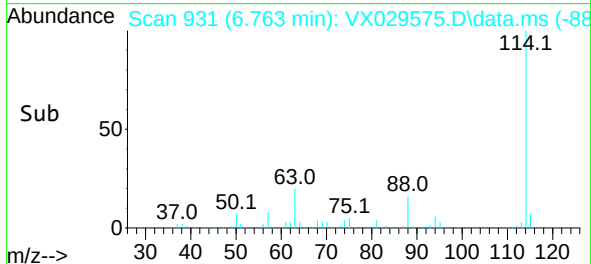
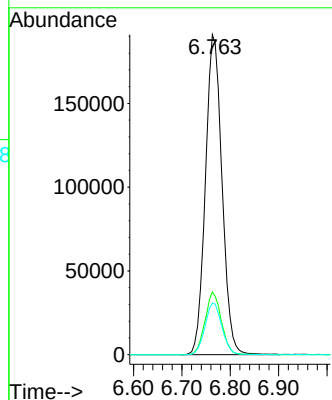
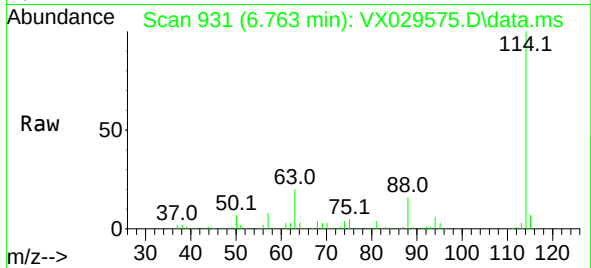




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

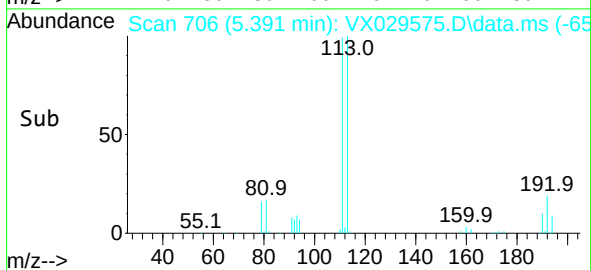
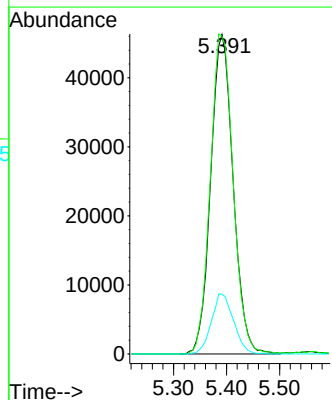
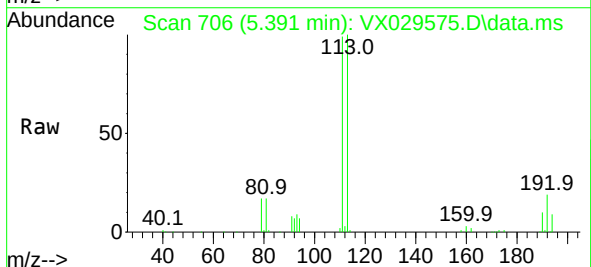
Instrument :
MSVOA_X
ClientSampleId :
MW-24

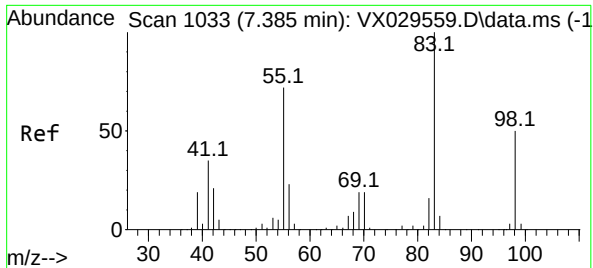
Tgt Ion:114 Resp: 455228
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.802 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion:113 Resp: 135879
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.6 16.9 25.3





#39

Methylcyclohexane

Concen: 0.567 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029575.D

Acq: 18 Jun 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

MW-24

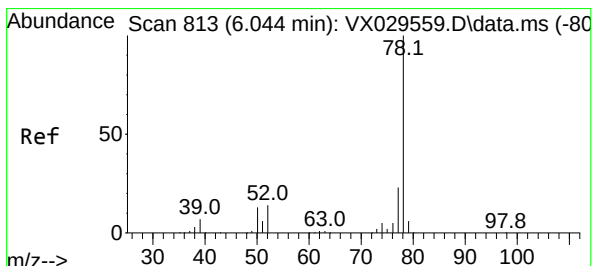
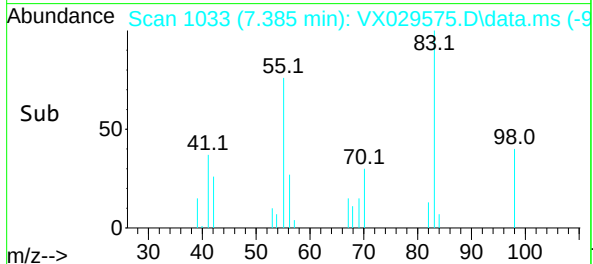
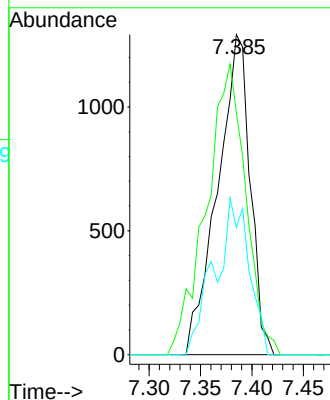
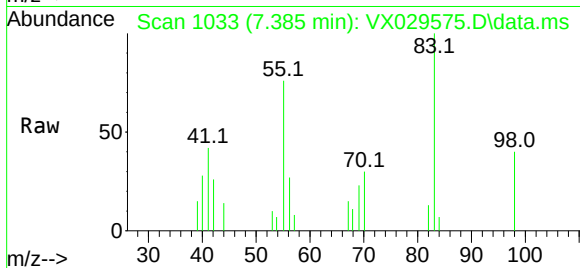
Tgt Ion: 83 Resp: 2837

Ion Ratio Lower Upper

83 100

55 75.7 54.6 81.8

98 39.8 37.4 56.2



#40

Benzene

Concen: 0.266 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029575.D

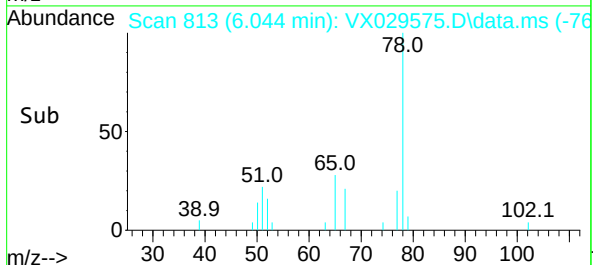
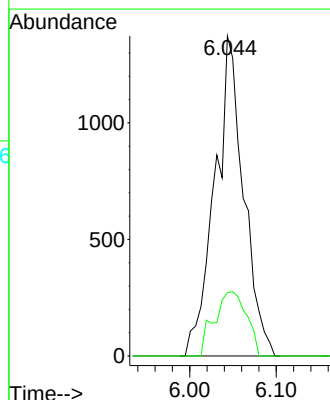
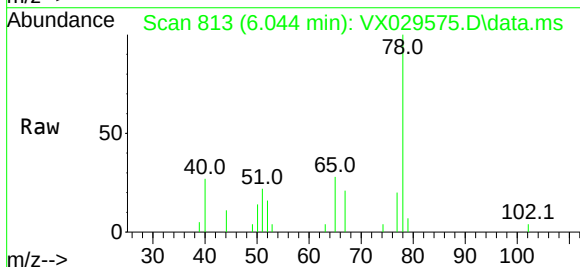
Acq: 18 Jun 2022 17:23

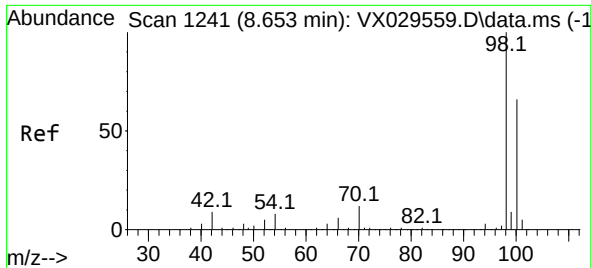
Tgt Ion: 78 Resp: 3165

Ion Ratio Lower Upper

78 100

77 19.7 19.3 28.9

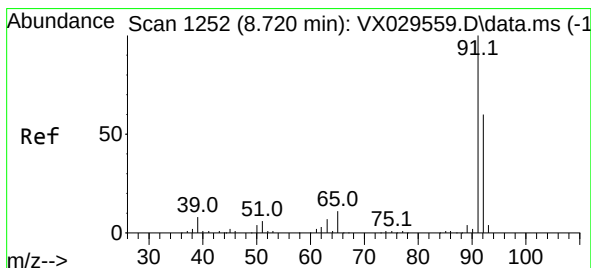
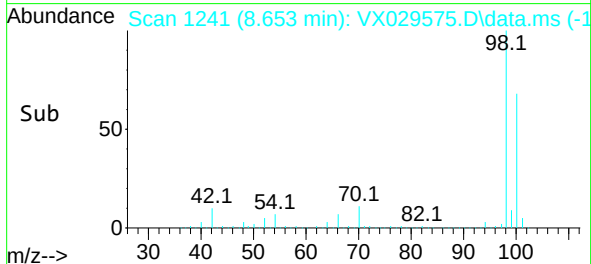
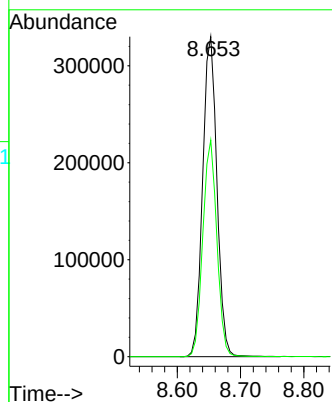
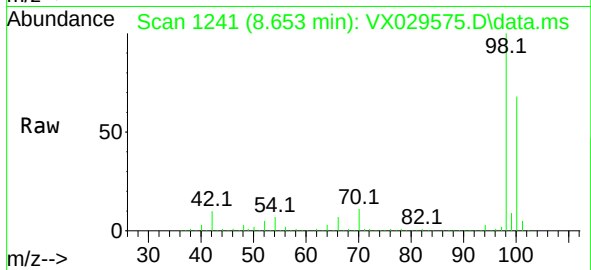




#50
Toluene-d8
Concen: 47.891 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

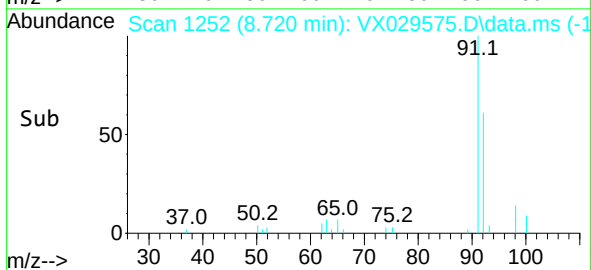
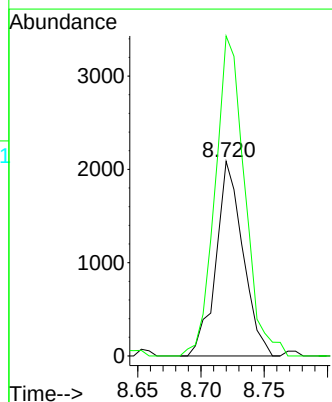
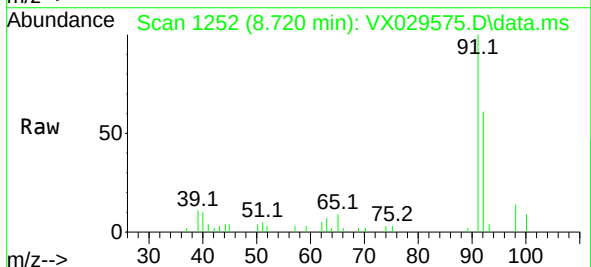
Instrument :
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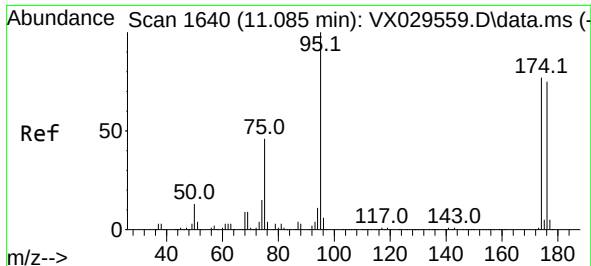
Tgt Ion: 98 Resp: 519028
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#52
Toluene
Concen: 0.405 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion: 92 Resp: 3086
Ion Ratio Lower Upper
92 100
91 180.3 137.5 206.3





#62

4-Bromofluorobenzene

Concen: 46.550 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029575.D

Acq: 18 Jun 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

MW-24

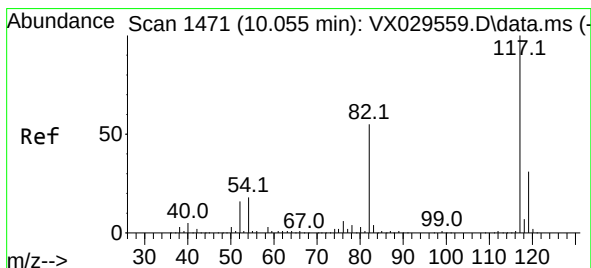
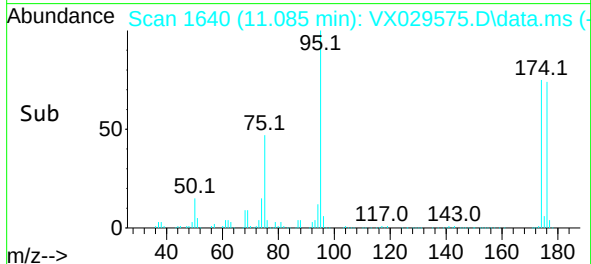
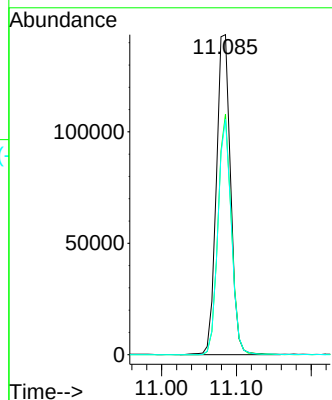
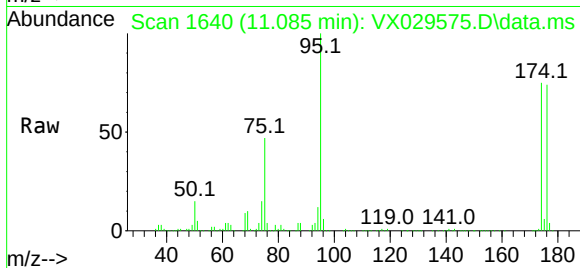
Tgt Ion: 95 Resp: 190252

Ion Ratio Lower Upper

95 100

174 70.4 0.0 163.0

176 69.6 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029575.D

Acq: 18 Jun 2022 17:23

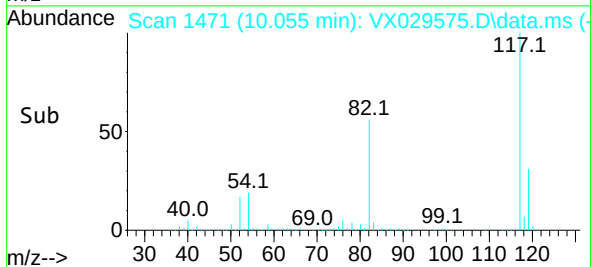
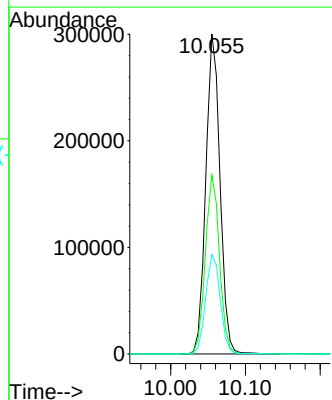
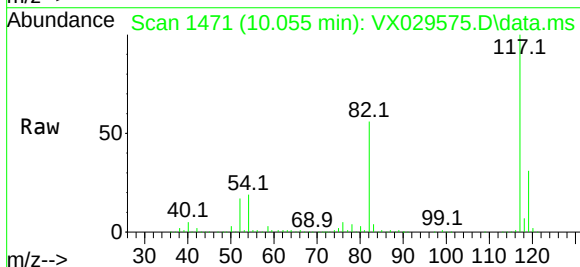
Tgt Ion: 117 Resp: 395924

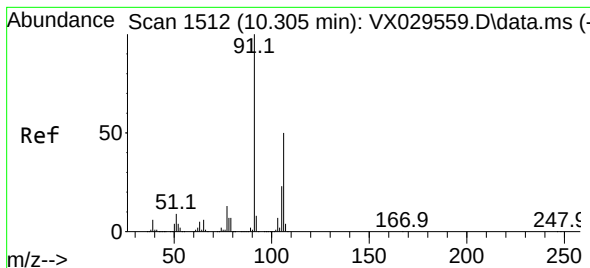
Ion Ratio Lower Upper

117 100

82 55.9 41.8 62.8

119 31.1 24.8 37.2

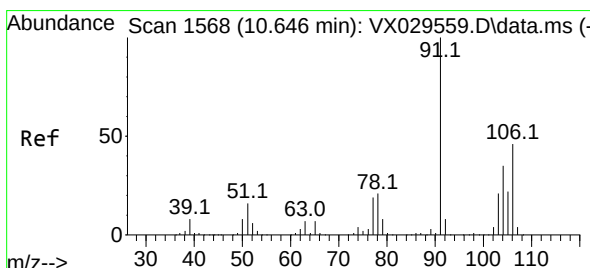
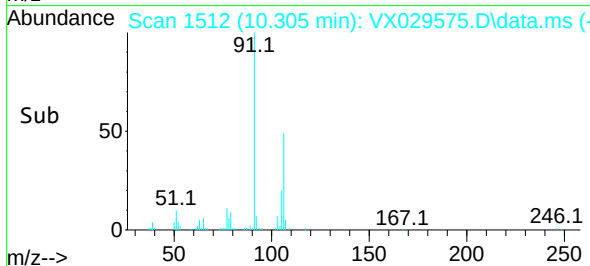
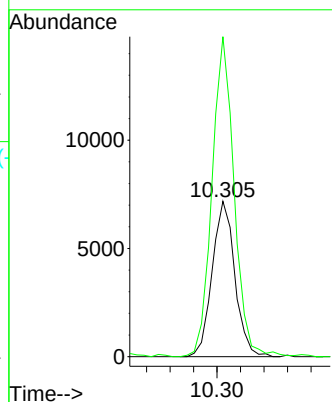
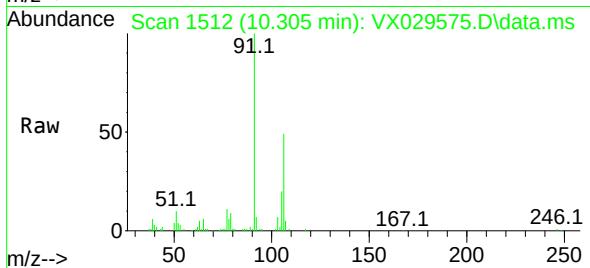




#68
m/p-Xylenes
Concen: 1.765 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

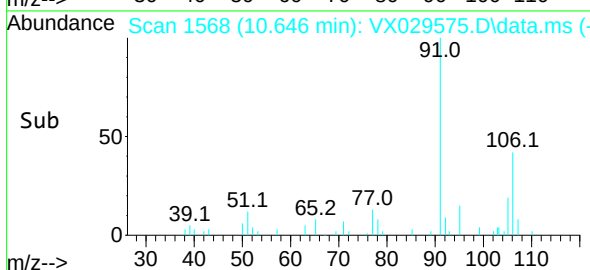
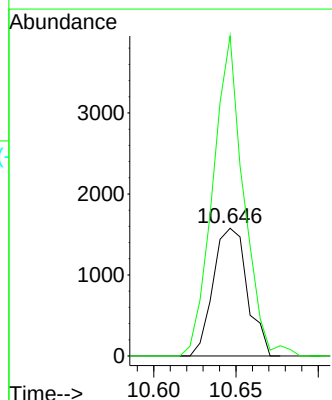
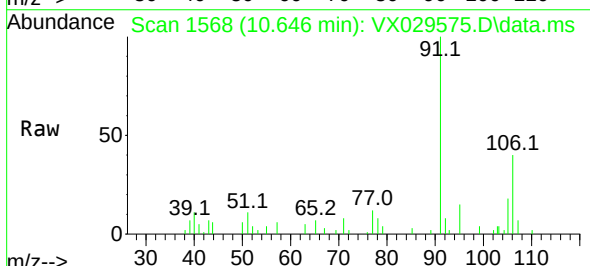
Instrument :
MSVOA_X
ClientSampleId :
MW-24

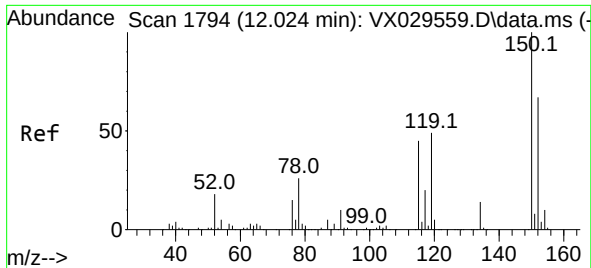
Tgt Ion:106 Resp: 9619
Ion Ratio Lower Upper
106 100
91 200.6 160.4 240.6



#69
o-Xylene
Concen: 0.423 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion:106 Resp: 2276
Ion Ratio Lower Upper
106 100
91 226.0 106.1 318.1

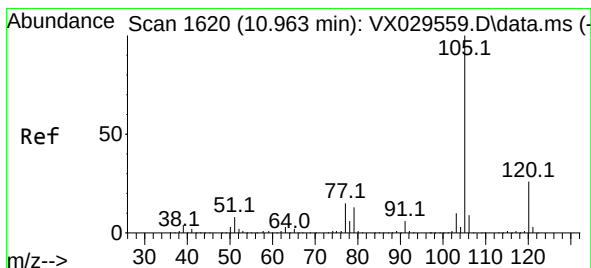
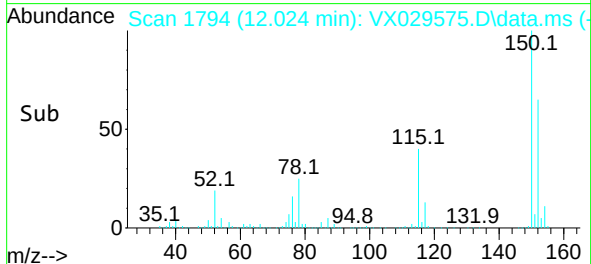
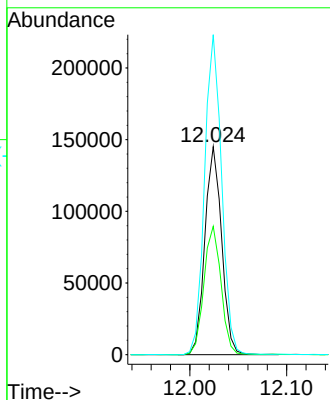
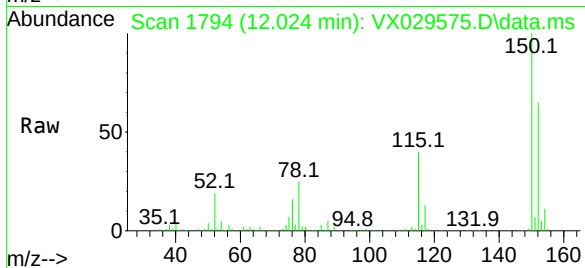




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

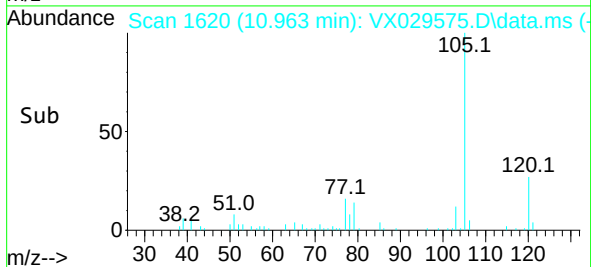
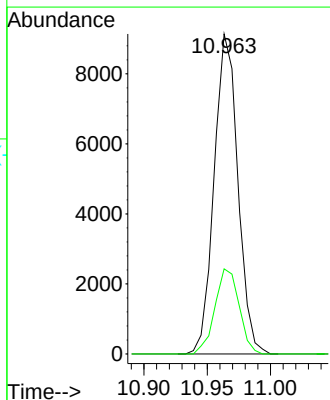
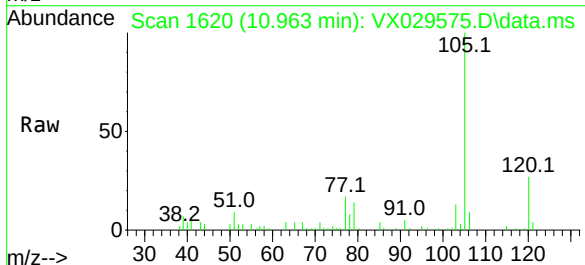
Instrument :
MSVOA_X
ClientSampleId :
MW-24

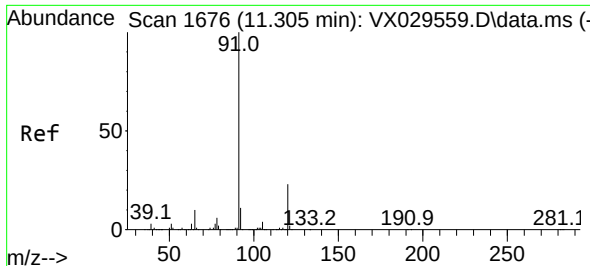
Tgt Ion:152 Resp: 175066
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 155.8 0.0 338.2



#73
Isopropylbenzene
Concen: 0.907 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion:105 Resp: 11910
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.5

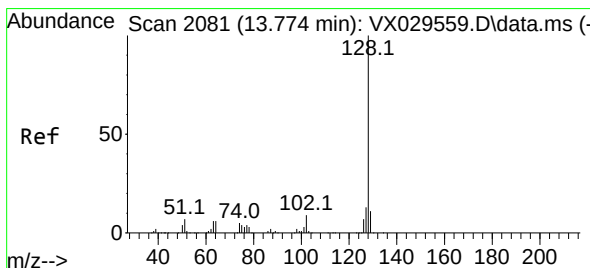
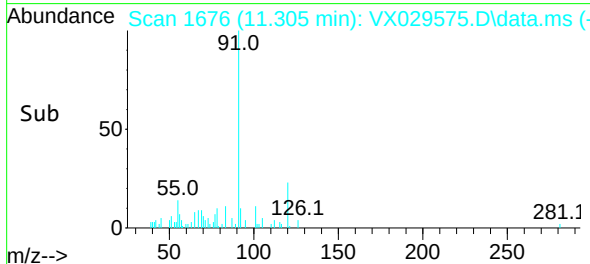
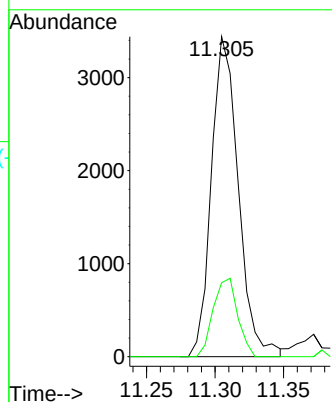
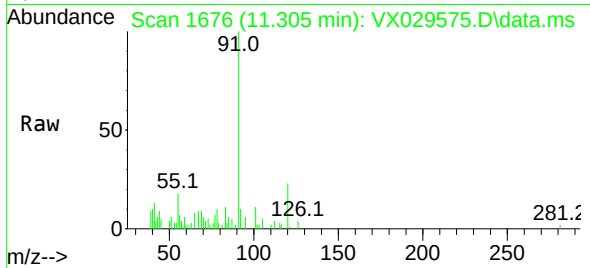




#78
n-propylbenzene
Concen: 0.318 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tgt Ion: 91 Resp: 4702
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.8



#95
Naphthalene
Concen: 0.388 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029575.D
Acq: 18 Jun 2022 17:23

Tgt Ion: 128 Resp: 4770
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 10.9 8.7 13.1

