

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029024.D
 Acq On : 27 May 2022 15:13
 Operator : JC/MD
 Sample : N2968-09 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39

Quant Time: May 27 22:09:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

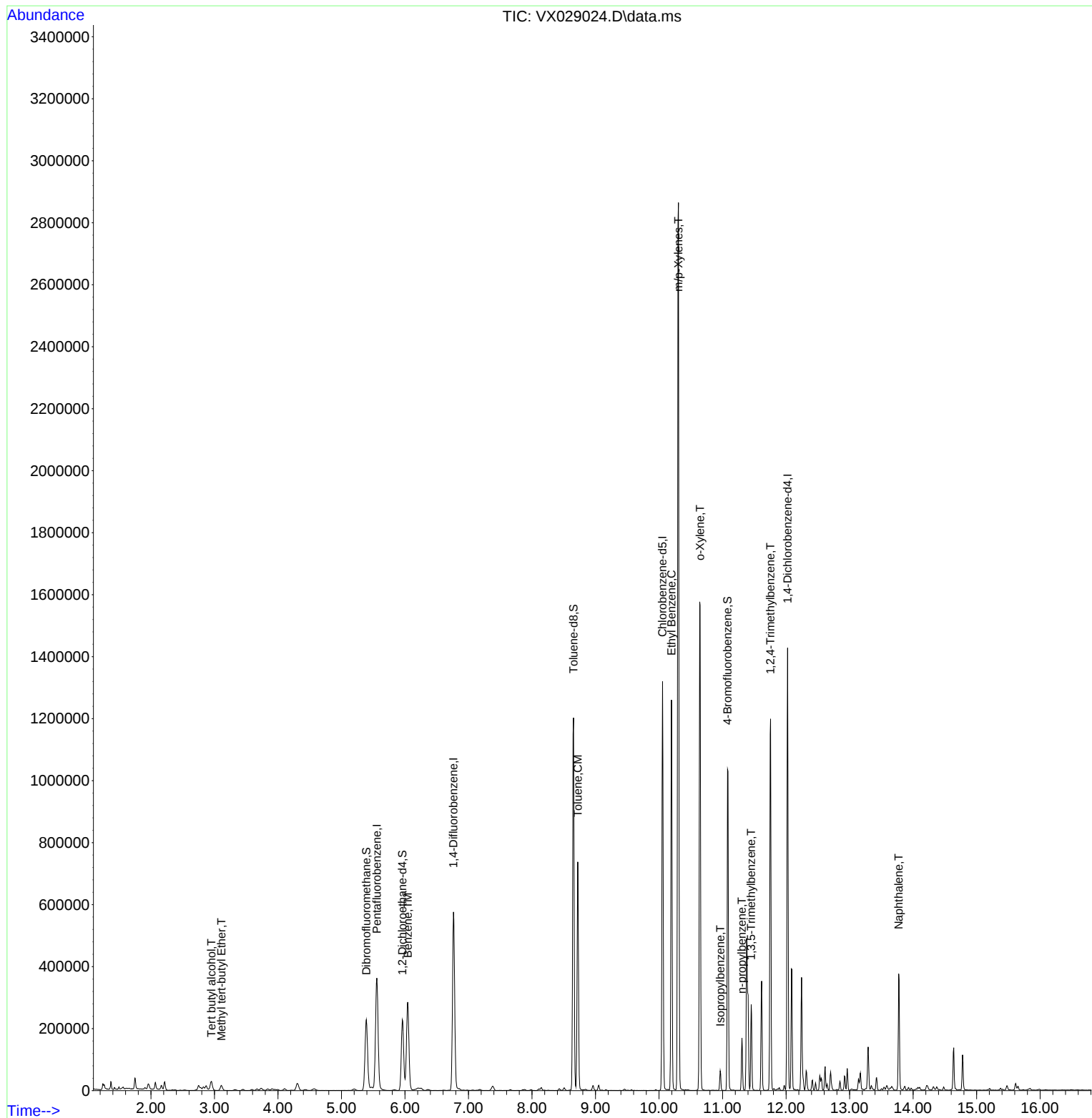
Internal Standards						
1) Pentafluorobenzene	5.556	168	347738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	610688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	297203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223645	46.918	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.840%
35) Dibromofluoromethane	5.391	113	199921	49.966	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.940%
50) Toluene-d8	8.653	98	731861	48.516	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	296813	52.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	25379	17.673	ug/l #	91
19) Methyl tert-butyl Ether	3.111	73	9024	0.707	ug/l #	1
40) Benzene	6.044	78	359950	20.841	ug/l	97
52) Toluene	8.720	92	281530	25.339	ug/l	97
67) Ethyl Benzene	10.195	91	702738	30.905	ug/l	99
68) m/p-Xylenes	10.305	106	713214	80.564	ug/l	100
69) o-Xylene	10.646	106	362576	41.599	ug/l	99
73) Isopropylbenzene	10.963	105	33019	1.465	ug/l	97
78) n-propylbenzene	11.305	91	103305	3.962	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	123803	6.592	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	544144	28.894	ug/l	99
95) Naphthalene	13.774	128	240007	11.364	ug/l	100

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

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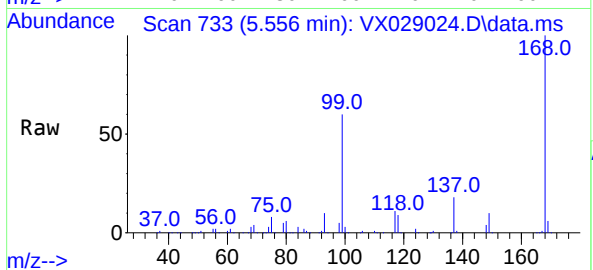
Quant Time: May 27 22:09:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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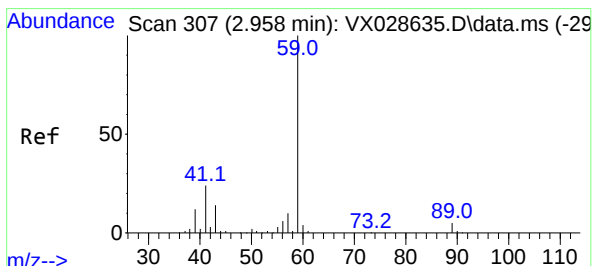
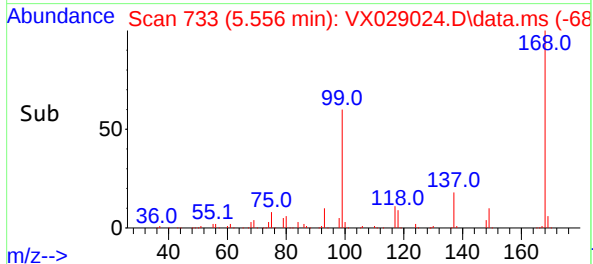
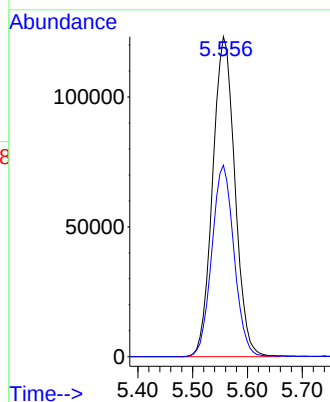


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Instrument :
MSVOA_X
ClientSampleId :
MW-39

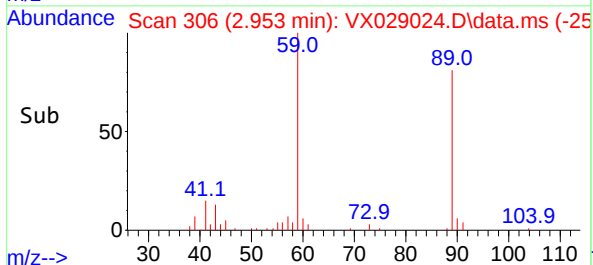
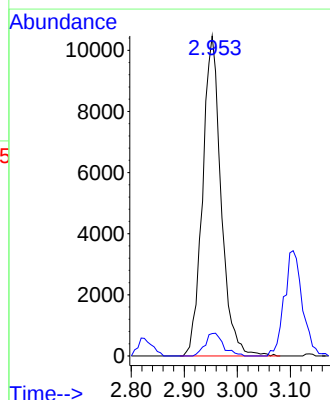
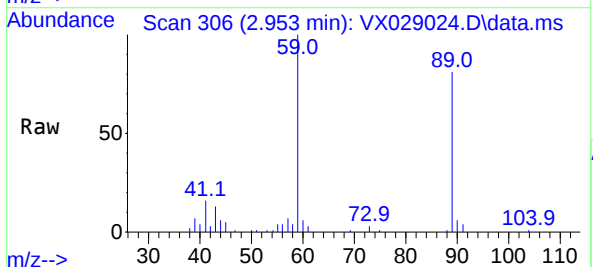


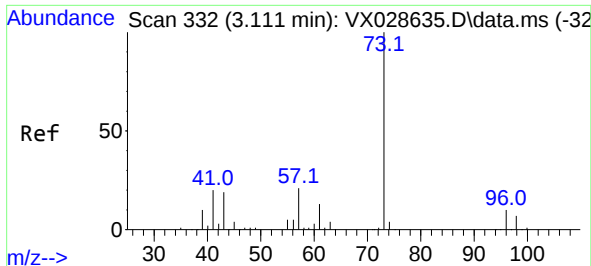
Tgt Ion:168 Resp: 347738
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#11
Tert butyl alcohol
Concen: 17.673 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion: 59 Resp: 25379
Ion Ratio Lower Upper
59 100
57 7.0 8.3 12.5#





#19

Methyl tert-butyl Ether

Concen: 0.707 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX029024.D

Acq: 27 May 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

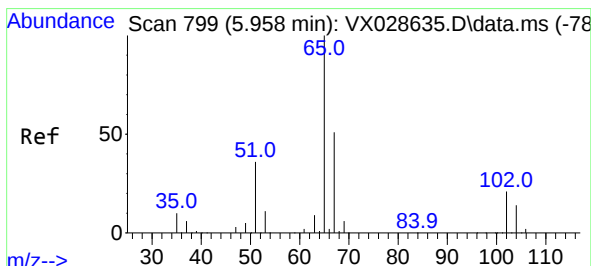
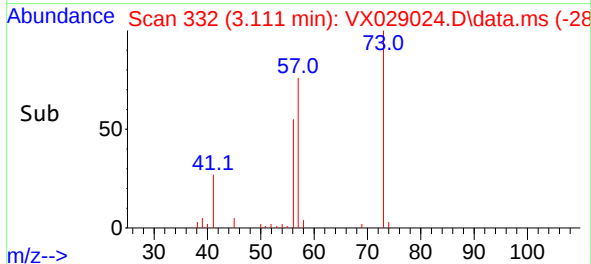
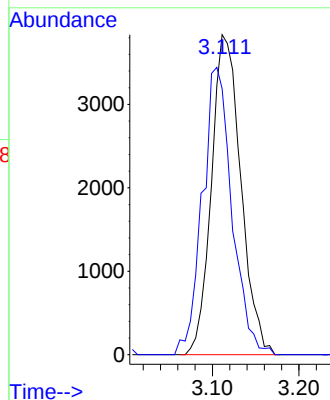
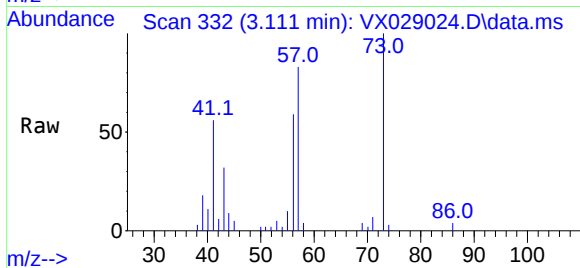
MW-39

Tgt Ion: 73 Resp: 9024

Ion Ratio Lower Upper

73 100

57 83.2 16.8 25.2#



#33

1,2-Dichloroethane-d4

Concen: 46.918 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029024.D

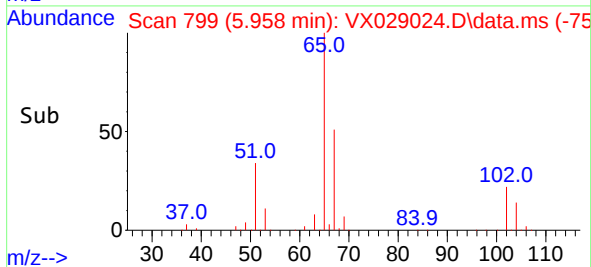
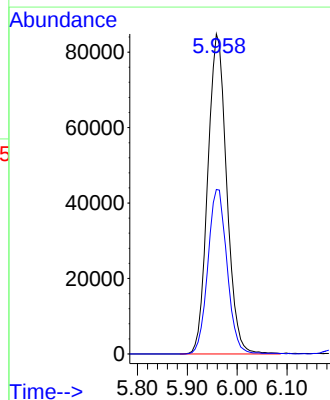
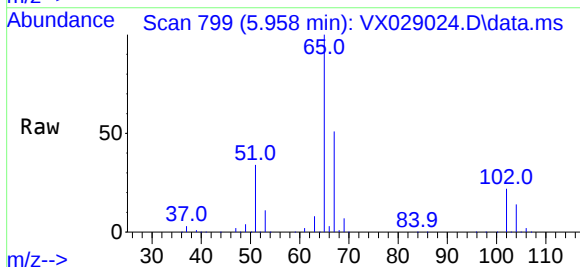
Acq: 27 May 2022 15:13

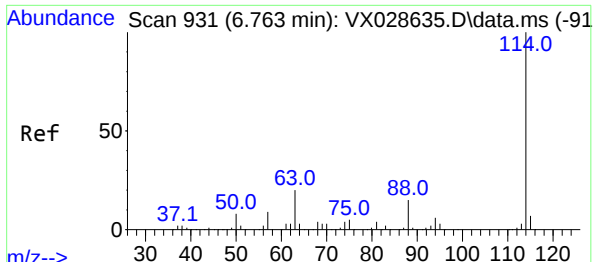
Tgt Ion: 65 Resp: 223645

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4

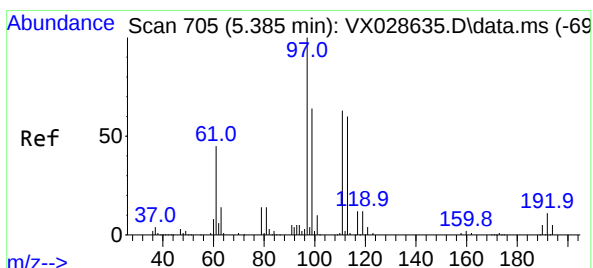
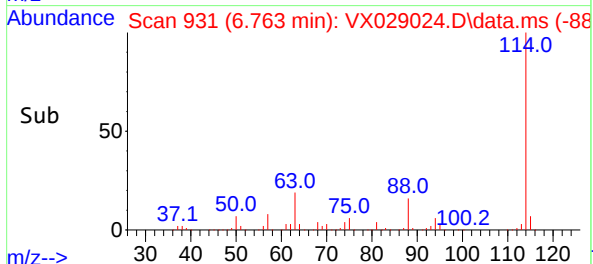
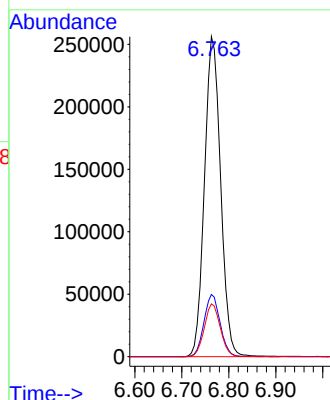
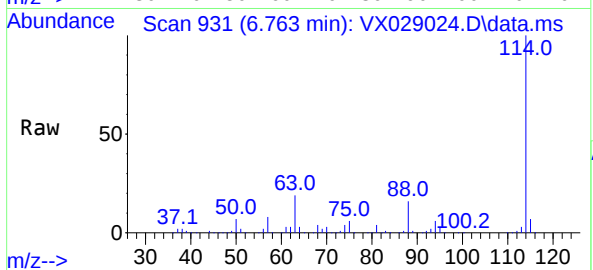




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

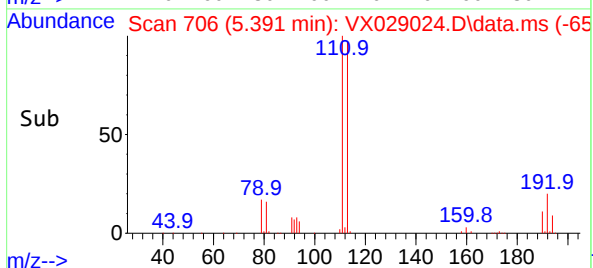
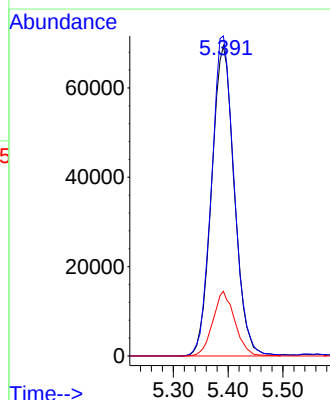
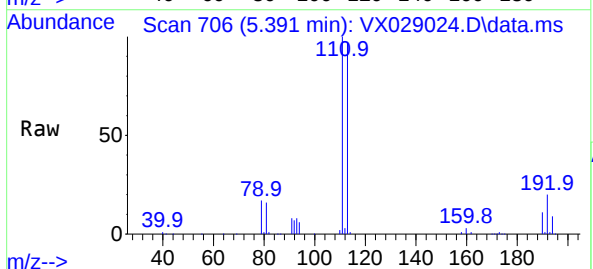
Instrument :
MSVOA_X
ClientSampleId :
MW-39

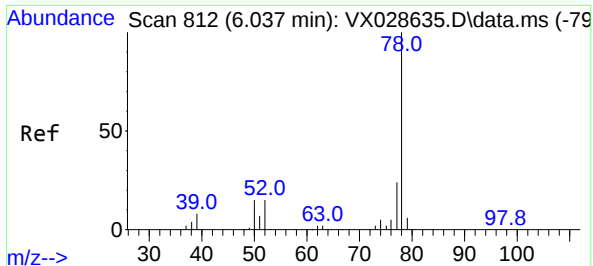
Tgt Ion:114 Resp: 610688
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.966 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion:113 Resp: 199921
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.1 16.9 25.3

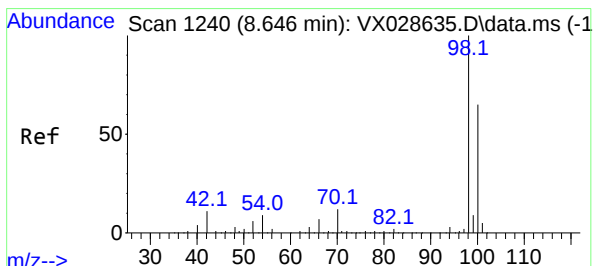
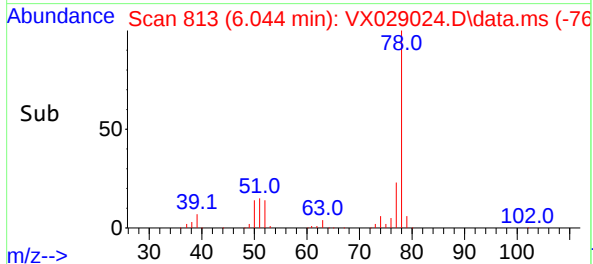
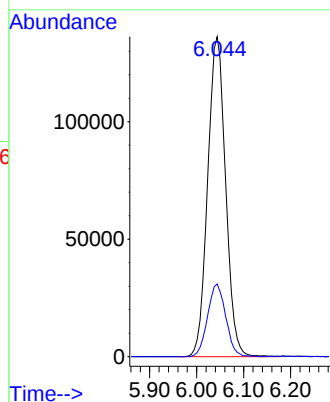
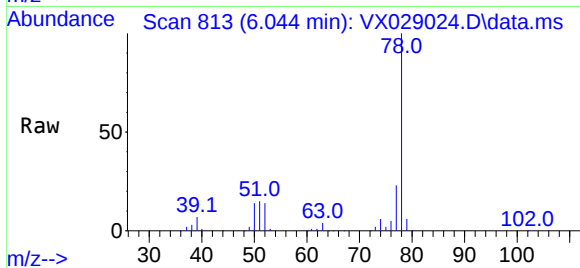




#40
Benzene
Concen: 20.841 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

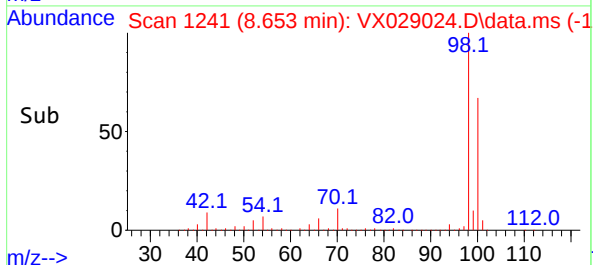
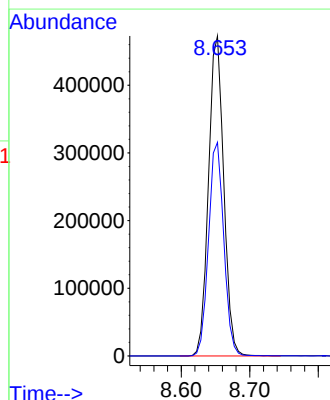
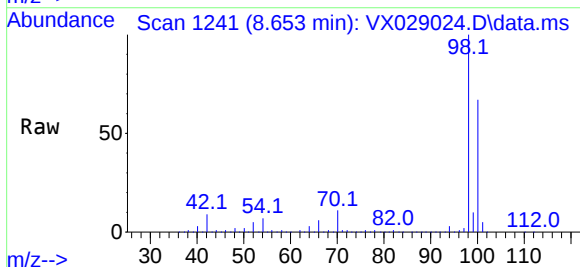
Instrument :
MSVOA_X
ClientSampleId :
MW-39

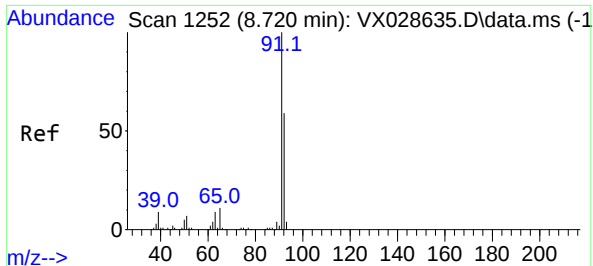
Tgt Ion: 78 Resp: 359950
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9



#50
Toluene-d8
Concen: 48.516 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion: 98 Resp: 731861
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

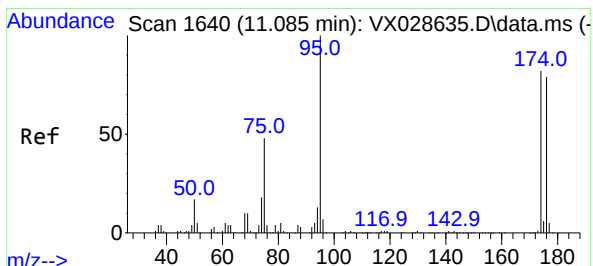
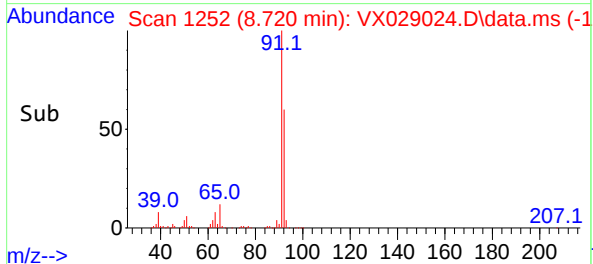
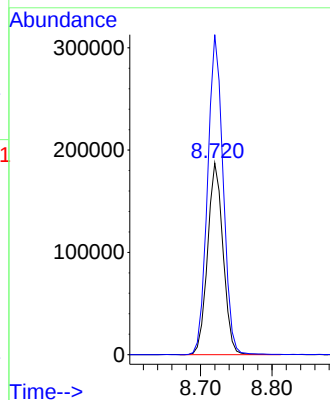
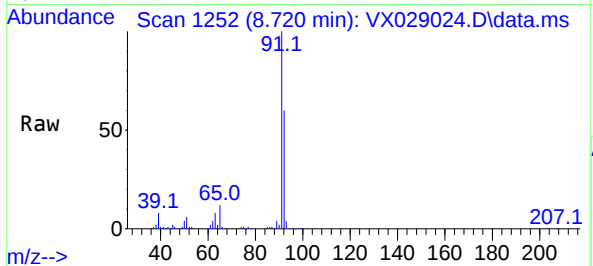




#52
Toluene
Concen: 25.339 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

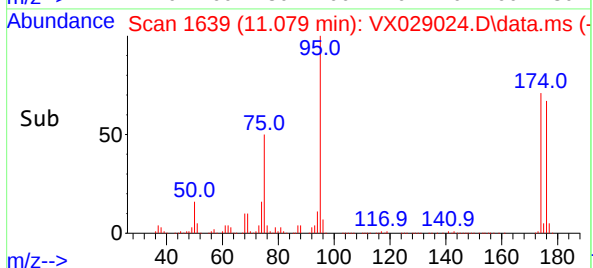
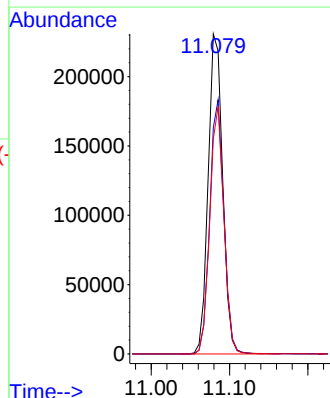
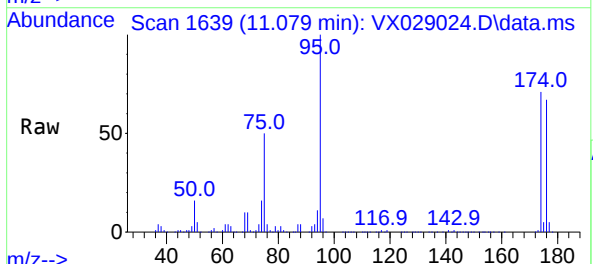
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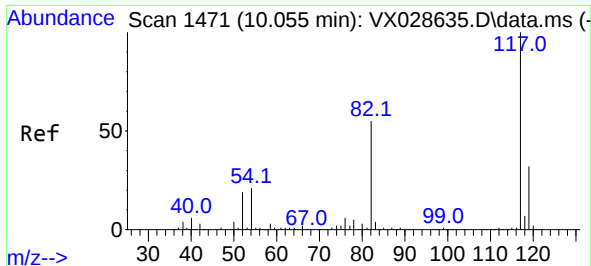
Tgt Ion: 92 Resp: 281530
Ion Ratio Lower Upper
92 100
91 167.7 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 52.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion: 95 Resp: 296813
Ion Ratio Lower Upper
95 100
174 77.1 0.0 163.0
176 74.7 0.0 155.0

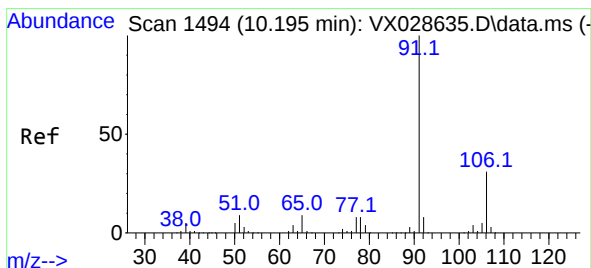
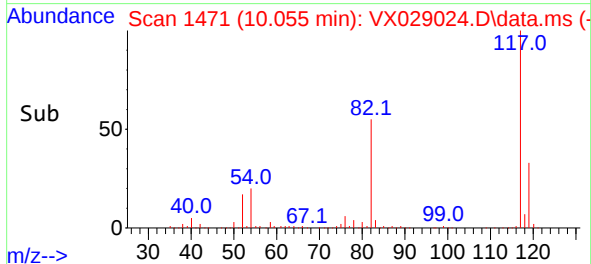
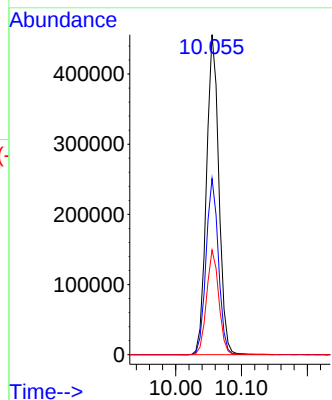
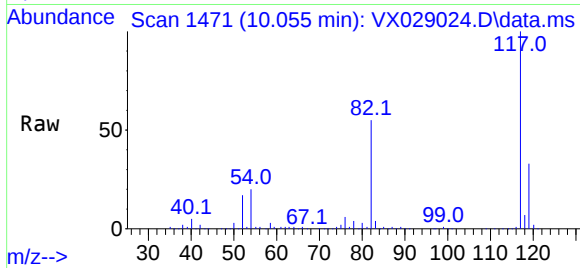




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

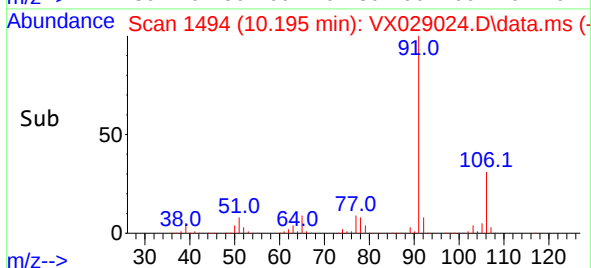
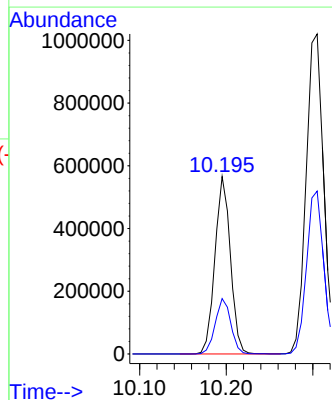
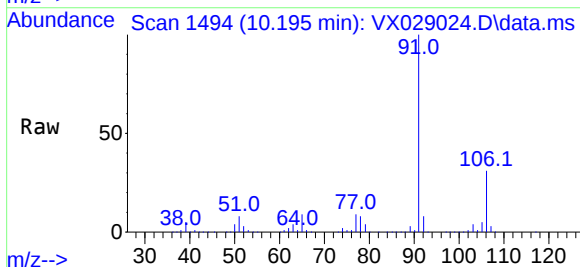
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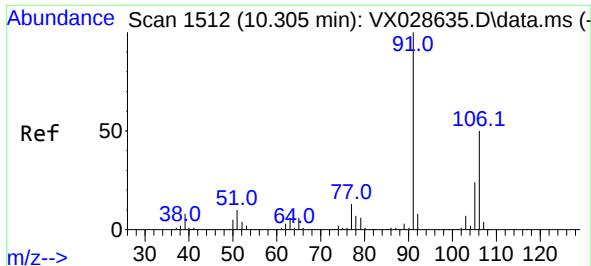
Tgt Ion:117 Resp: 597997
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.7 24.8 37.2



#67
Ethyl Benzene
Concen: 30.905 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion: 91 Resp: 702738
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

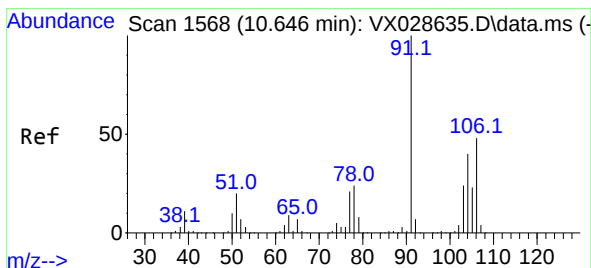
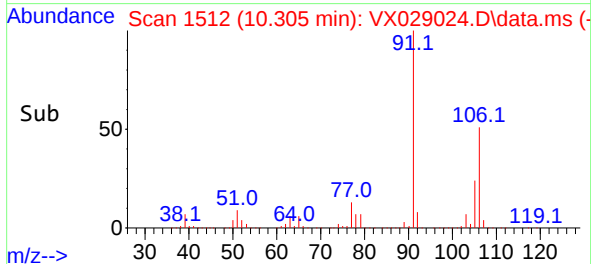
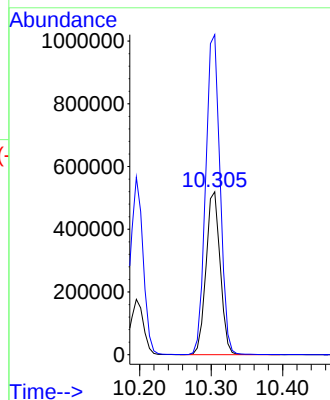
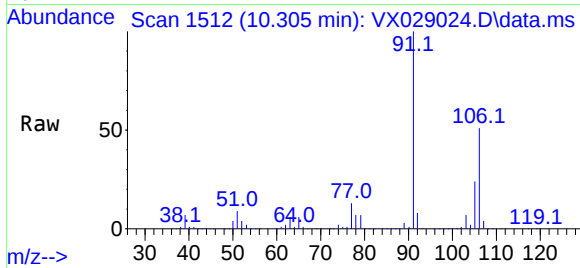




#68
m/p-Xylenes
Concen: 80.564 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

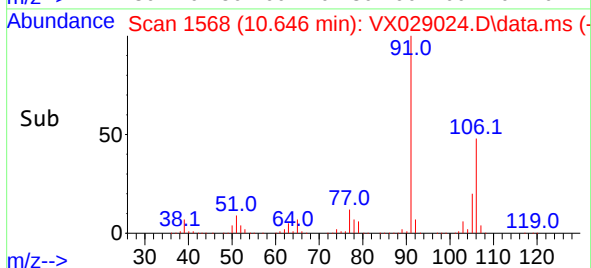
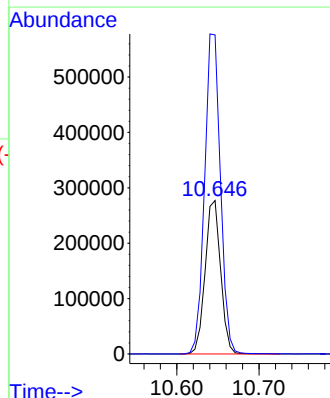
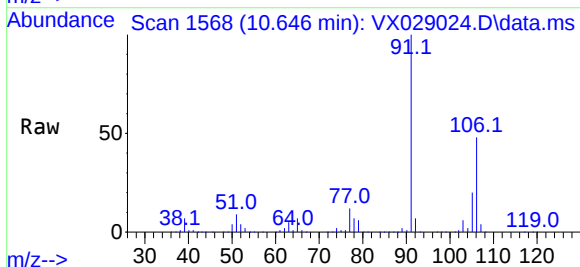
Instrument :
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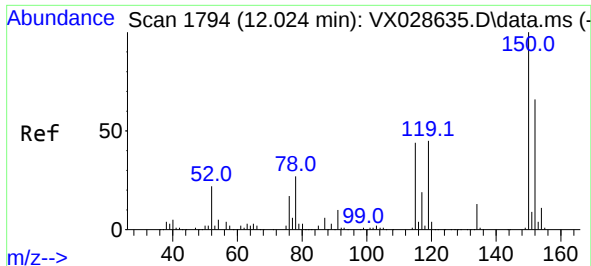
Tgt Ion:106 Resp: 713214
Ion Ratio Lower Upper
106 100
91 200.1 160.4 240.6



#69
o-Xylene
Concen: 41.599 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion:106 Resp: 362576
Ion Ratio Lower Upper
106 100
91 213.2 106.1 318.1

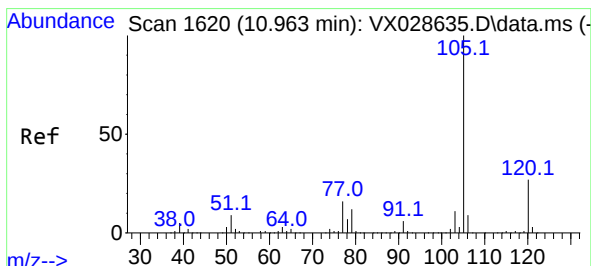
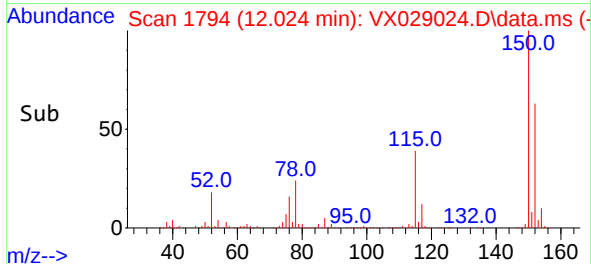
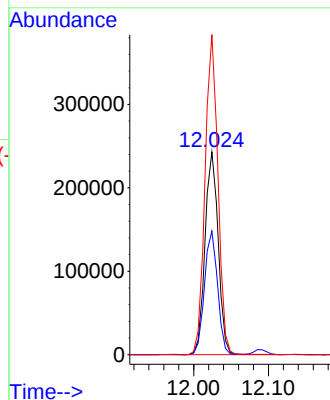
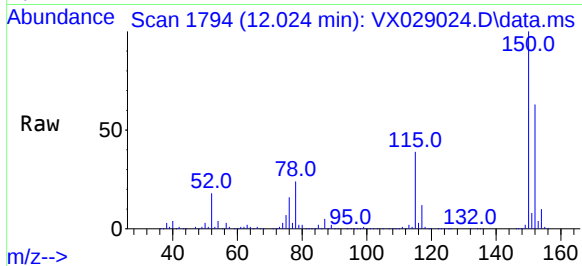




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

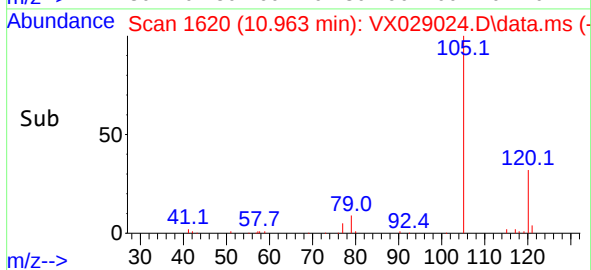
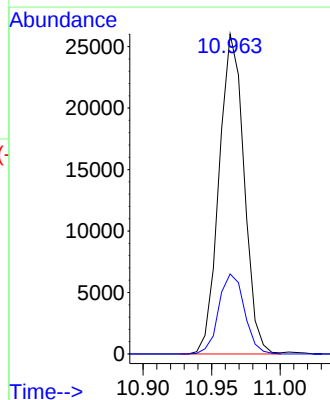
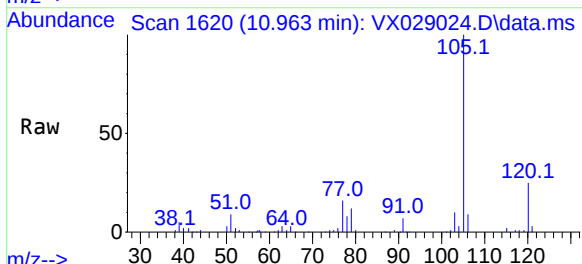
Instrument :
MSVOA_X
ClientSampleId :
MW-39

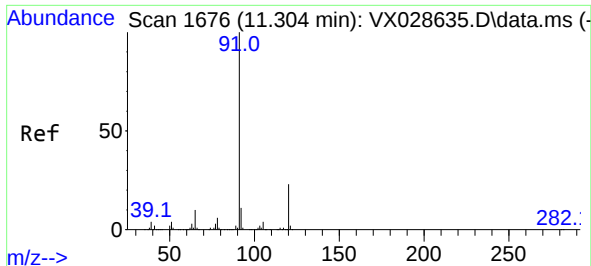
Tgt Ion:152 Resp: 297203
Ion Ratio Lower Upper
152 100
115 60.6 37.5 112.7
150 154.6 0.0 338.2



#73
Isopropylbenzene
Concen: 1.465 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion:105 Resp: 33019
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.5

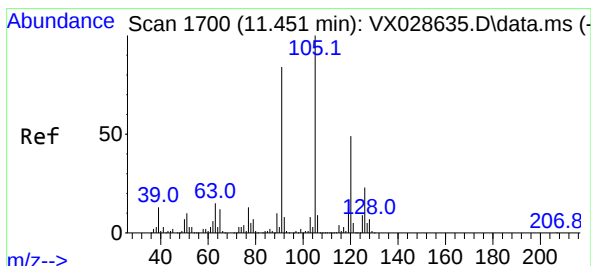
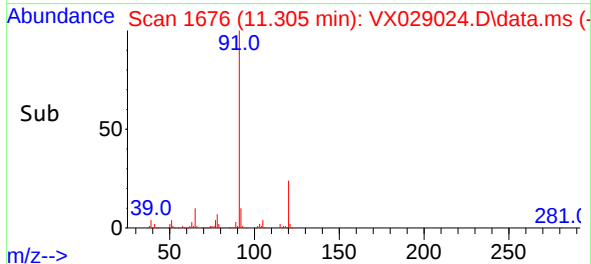
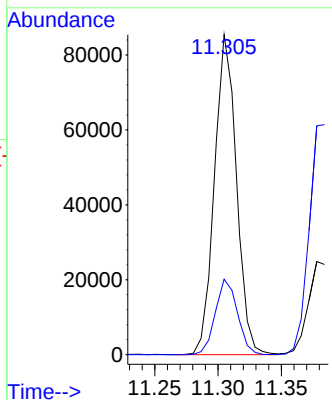
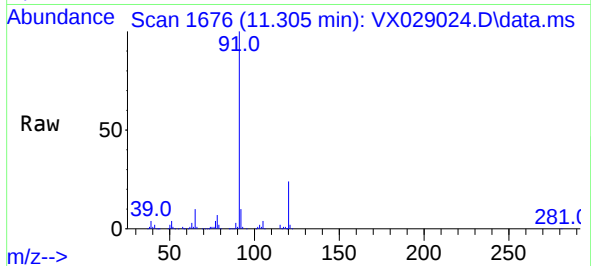




#78
n-propylbenzene
Concen: 3.962 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

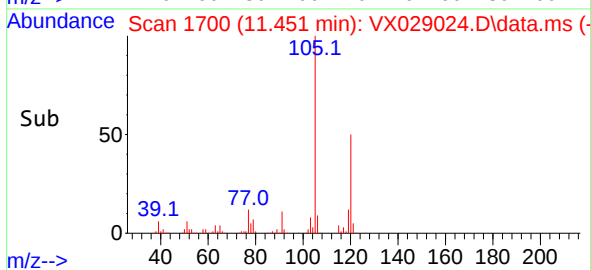
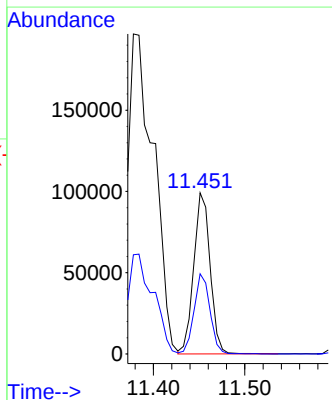
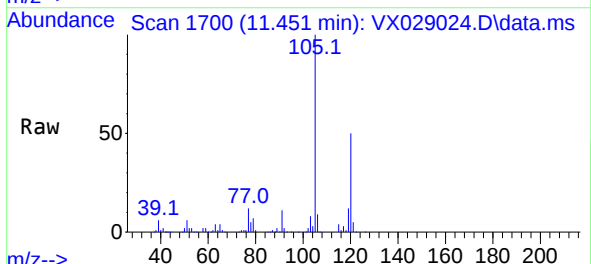
Instrument :
MSVOA_X
ClientSampleId :
MW-39

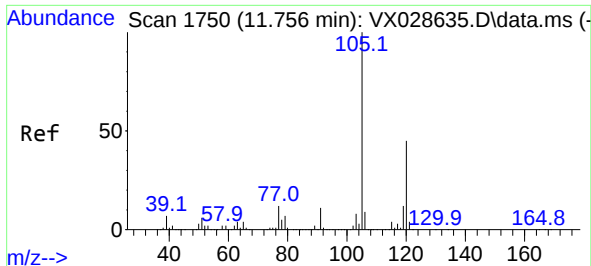
Tgt Ion: 91 Resp: 103305
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 6.592 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion: 105 Resp: 123803
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9

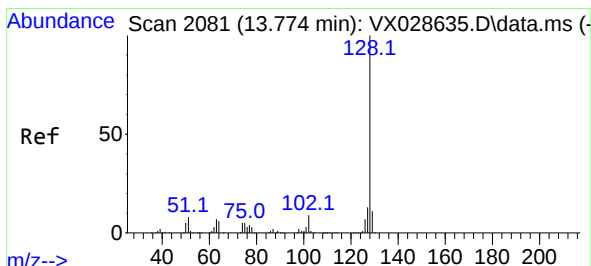
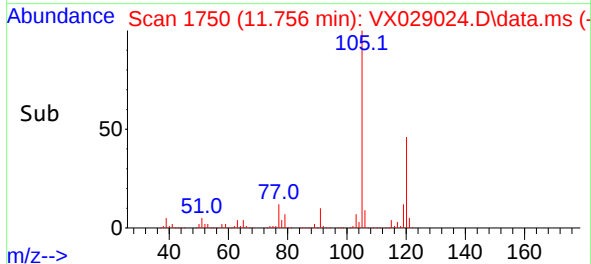
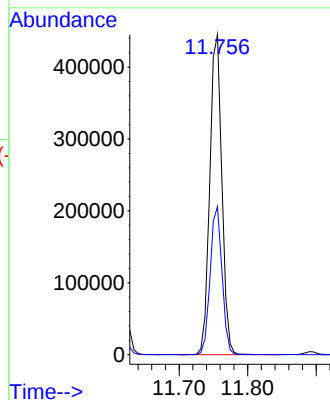
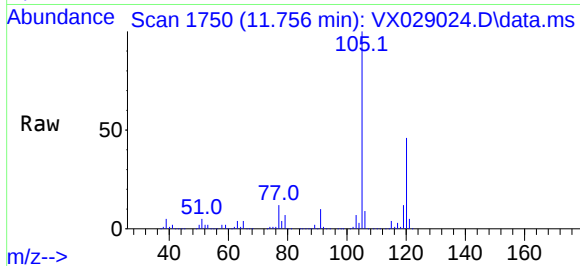




#84
1,2,4-Trimethylbenzene
Concen: 28.894 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Instrument :
MSVOA_X
ClientSampleId :
MW-39

Tgt Ion:105 Resp: 544144
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.8



#95
Naphthalene
Concen: 11.364 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029024.D
Acq: 27 May 2022 15:13

Tgt Ion:128 Resp: 240007
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1

