

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027250.D
 Acq On : 01 Mar 2022 15:53
 Operator : JC/MD
 Sample : N1688-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31

Quant Time: Mar 02 00:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

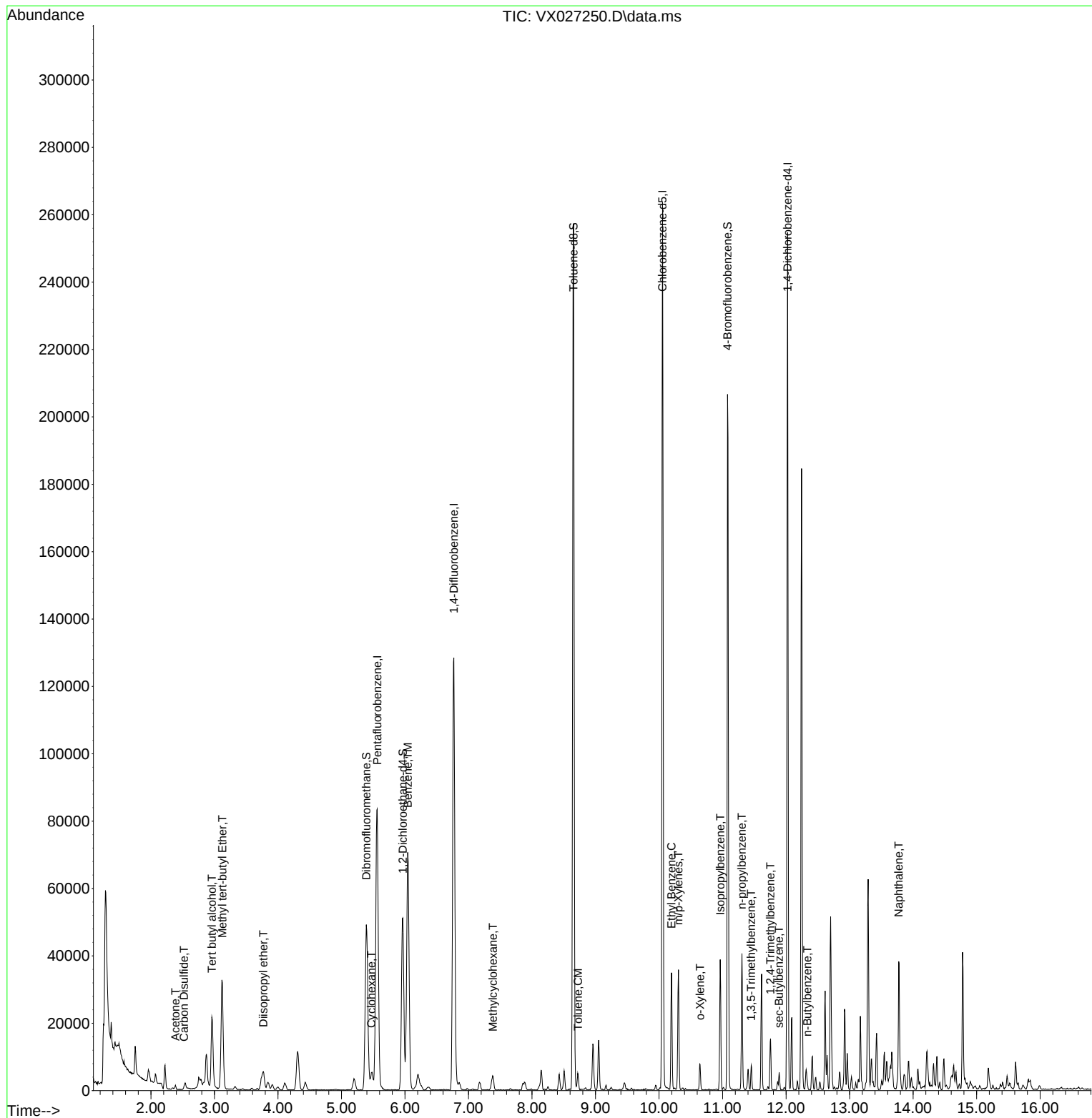
Internal Standards						
1) Pentafluorobenzene	5.562	168	82763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50636	50.942	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.880%			
35) Dibromofluoromethane	5.391	113	43609	51.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	8.653	98	158562	50.080	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.160%			
62) 4-Bromofluorobenzene	11.079	95	58124	47.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.640%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	24147	124.857	ug/l	97
16) Acetone	2.386	43	1340	3.070	ug/l	92
17) Carbon Disulfide	2.520	76	1054	0.503	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	34268	12.395	ug/l	97
22) Diisopropyl ether	3.770	45	5753	2.080	ug/l #	77
31) Cyclohexane	5.470	56	3720	2.499	ug/l	93
39) Methylcyclohexane	7.385	83	1843	1.199	ug/l	91
40) Benzene	6.044	78	86031	23.805	ug/l	99
52) Toluene	8.726	92	1907	0.824	ug/l	98
67) Ethyl Benzene	10.195	91	20038	4.657	ug/l	98
68) m/p-Xylenes	10.305	106	8379	5.065	ug/l	94
69) o-Xylene	10.646	106	1838	1.107	ug/l	100
73) Isopropylbenzene	10.963	105	20040	5.395	ug/l	100
78) n-propylbenzene	11.305	91	24760	5.865	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3400	1.089	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	7092	2.283	ug/l	99
85) sec-Butylbenzene	11.890	105	2793	0.733	ug/l #	74
89) n-Butylbenzene	12.335	91	1564	0.576	ug/l #	53
95) Naphthalene	13.774	128	24569	6.736	ug/l	98

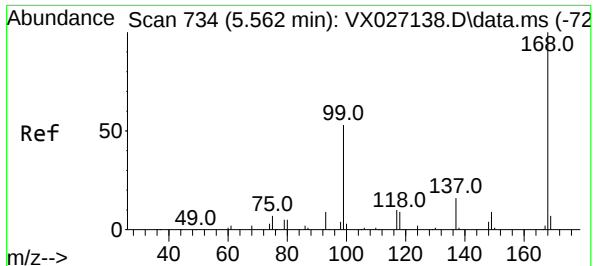
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-31

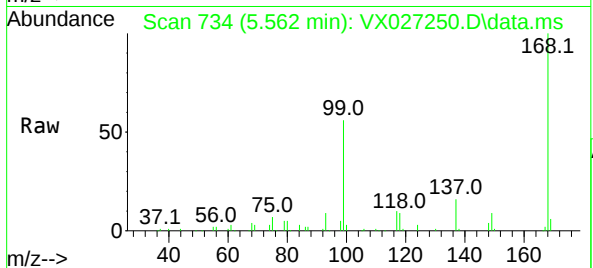
Quant Time: Mar 02 00:35:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
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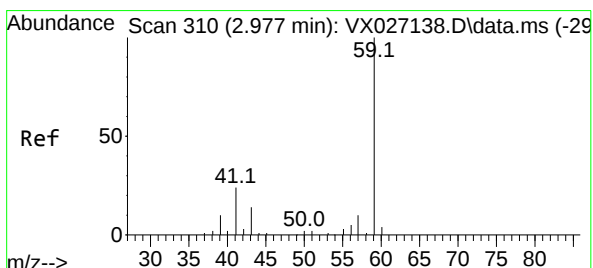
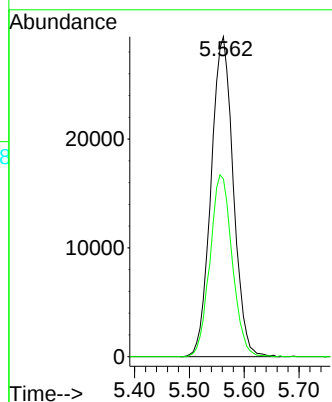
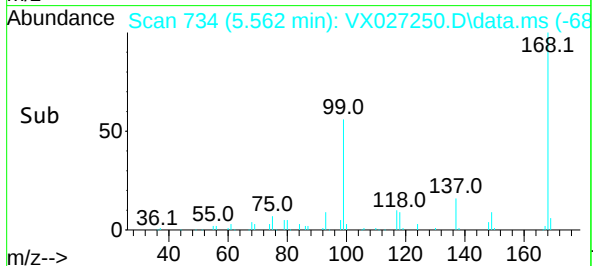


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
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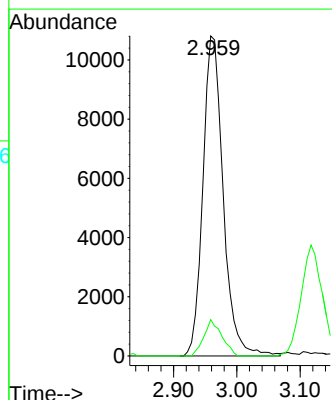
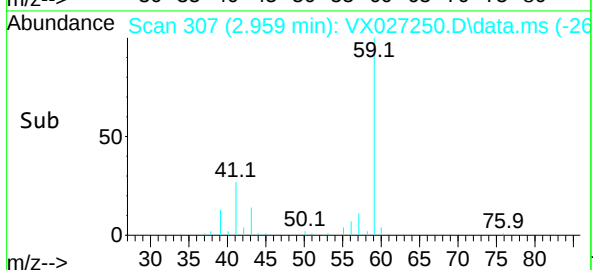
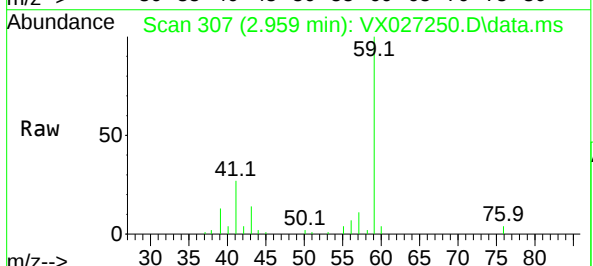


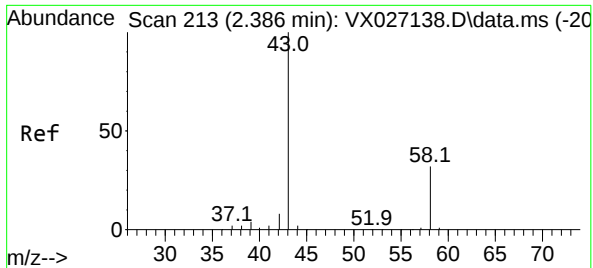
Tgt Ion:168 Resp: 82763
Ion Ratio Lower Upper
168 100
99 55.5 50.3 75.5



#11
Tert butyl alcohol
Concen: 124.857 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Tgt Ion: 59 Resp: 24147
Ion Ratio Lower Upper
59 100
57 10.0 7.2 10.8

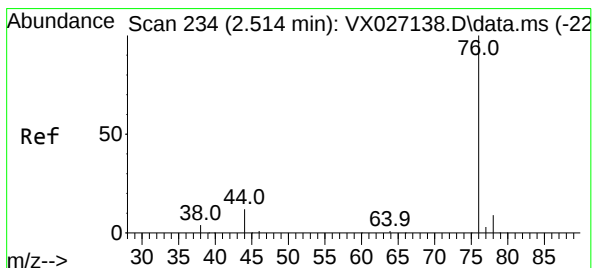
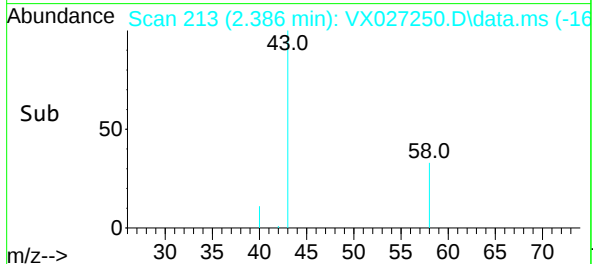
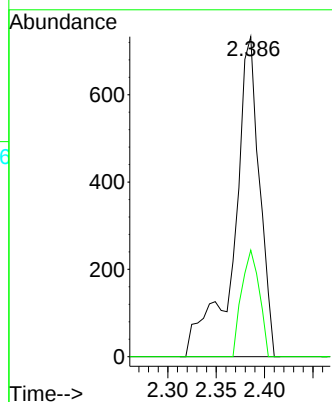
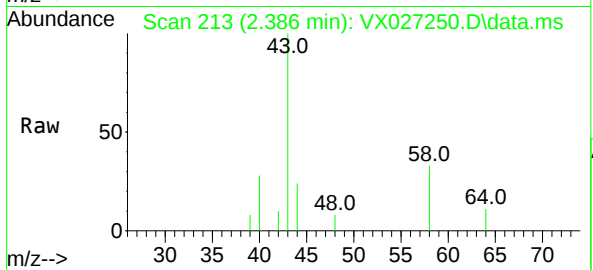




#16
Acetone
Concen: 3.070 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

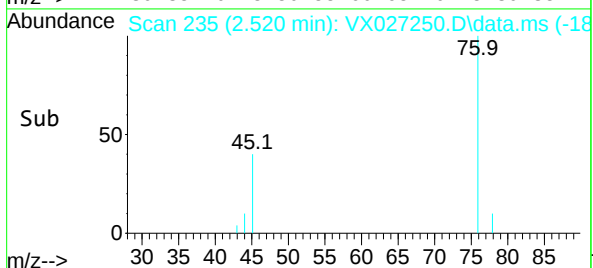
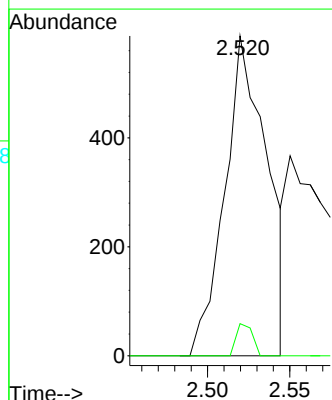
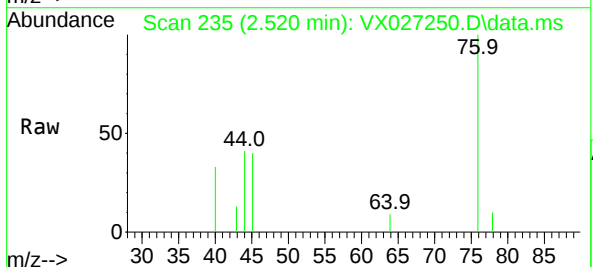
Instrument : MSVOA_X
ClientSampleId : MW-31

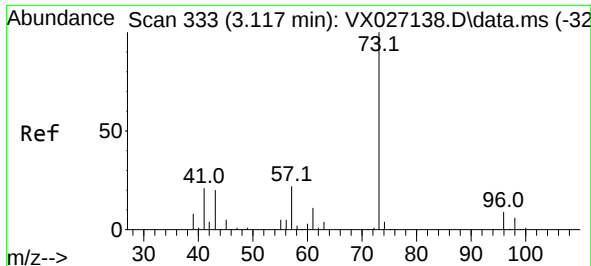
Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 33.3 23.0 34.6



#17
Carbon Disulfide
Concen: 0.503 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Tgt Ion: 76 Resp: 1054
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

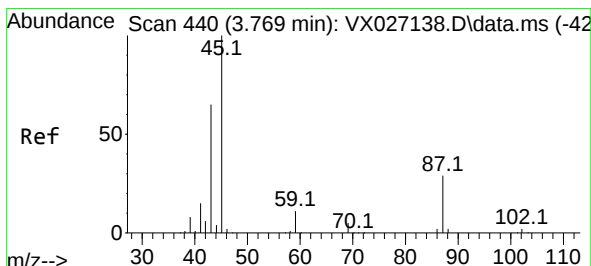
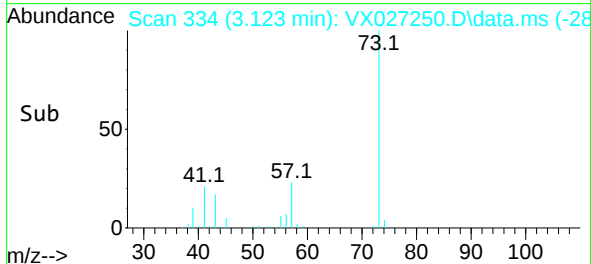
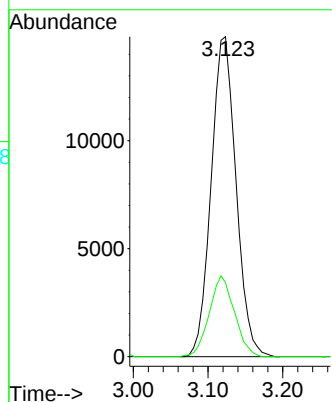
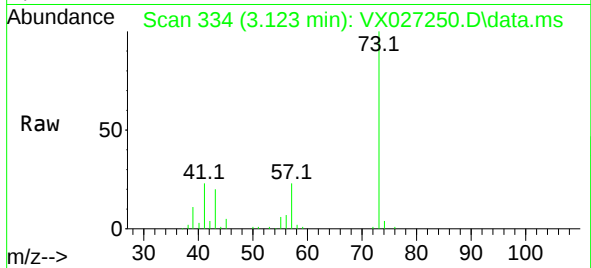




#19
Methyl tert-butyl Ether
Concen: 12.395 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

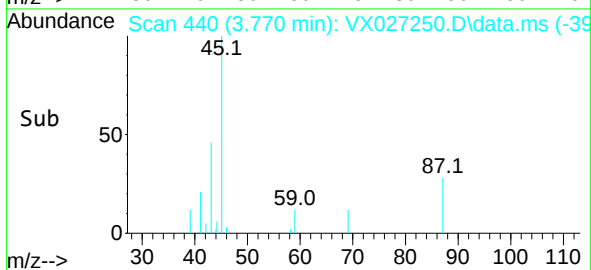
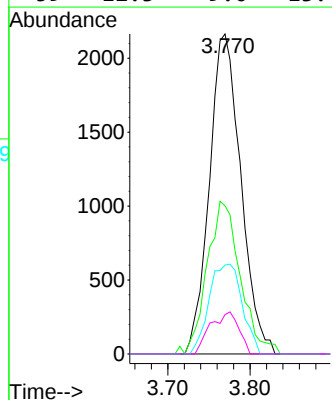
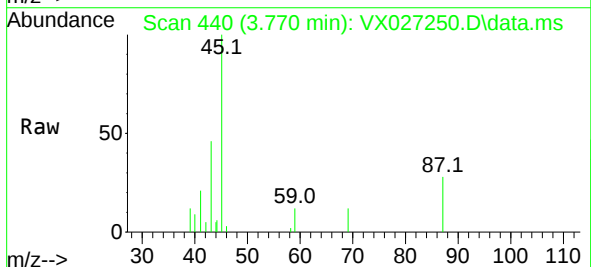
Instrument :
MSVOA_X
ClientSampleId :
MW-31

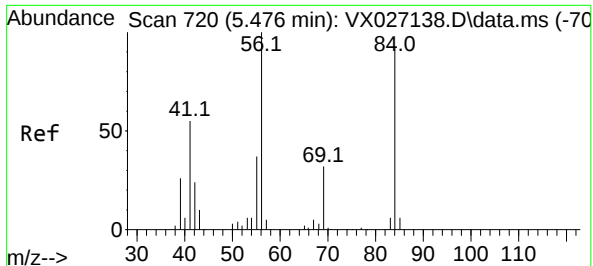
Tgt Ion: 73 Resp: 34268
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.2



#22
Diisopropyl ether
Concen: 2.080 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Tgt Ion: 45 Resp: 5753
Ion Ratio Lower Upper
45 100
43 46.3 60.6 91.0#
87 27.8 22.0 33.0
59 12.3 9.0 13.4

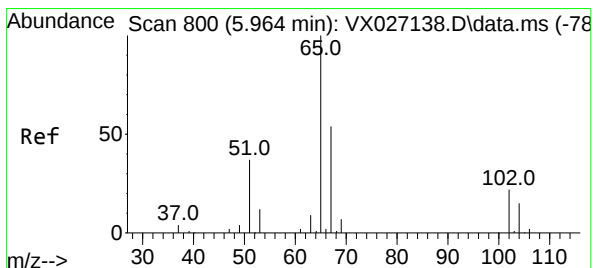
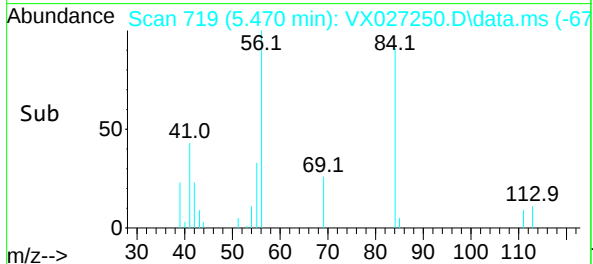
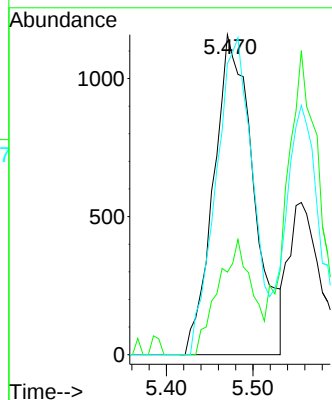
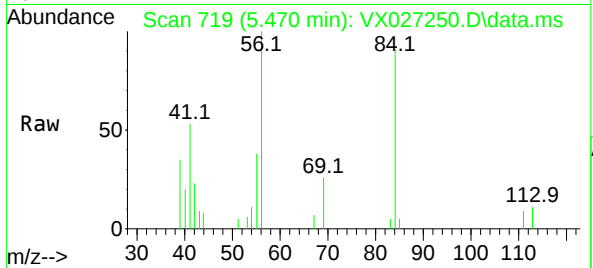




#31
Cyclohexane
Concen: 2.499 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

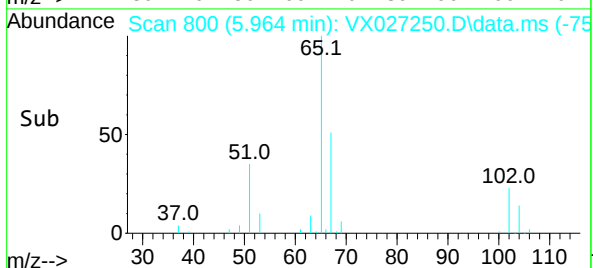
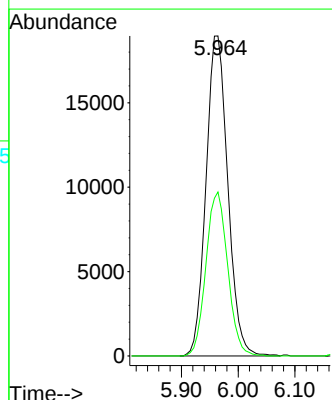
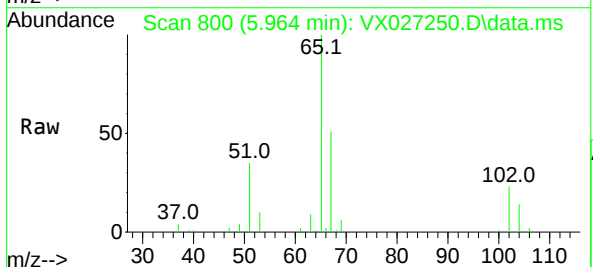
Instrument :
MSVOA_X
ClientSampleId :
MW-31

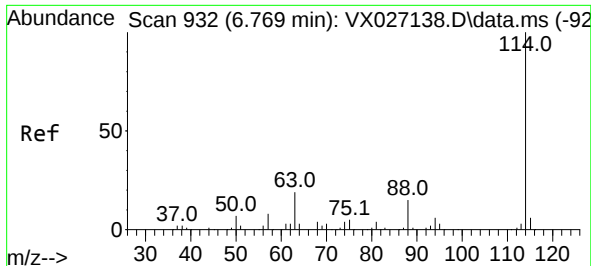
Tgt Ion: 56 Resp: 3720
Ion Ratio Lower Upper
56 100
69 25.8 25.8 38.6
84 90.9 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 50.942 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Tgt Ion: 65 Resp: 50636
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8

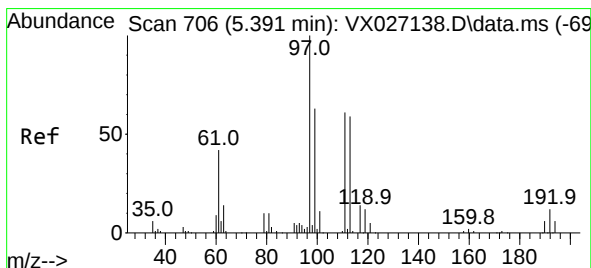
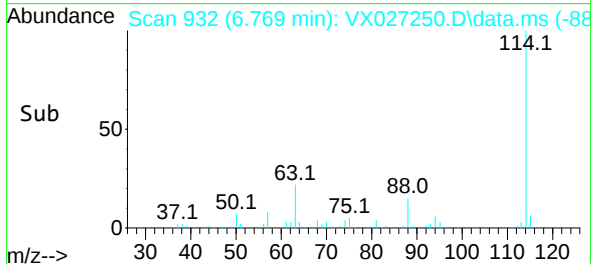
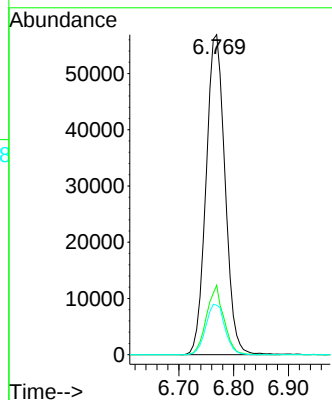
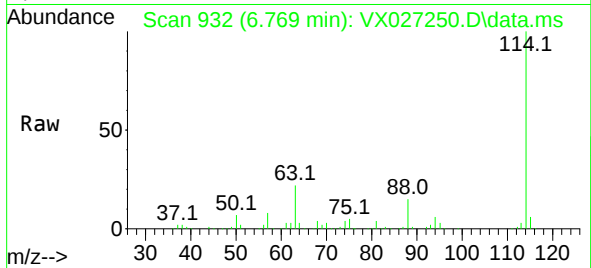




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

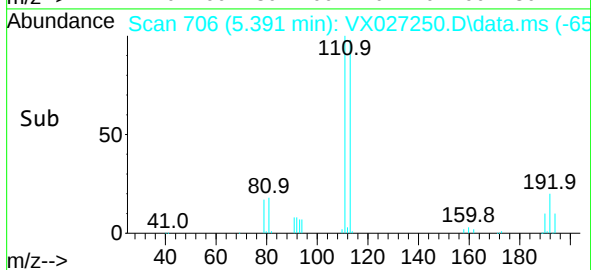
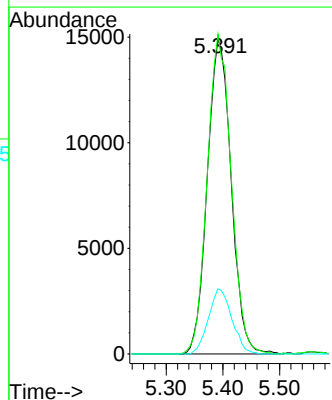
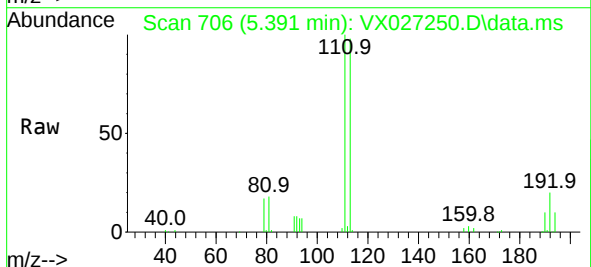
Instrument :
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ClientSampleId :
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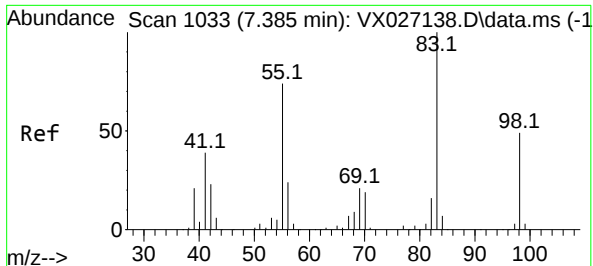
Tgt Ion:114 Resp: 136419
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.8
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.500 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Tgt Ion:113 Resp: 43609
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 20.3 15.0 22.4





#39

Methylcyclohexane

Concen: 1.199 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027250.D

Acq: 01 Mar 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

MW-31

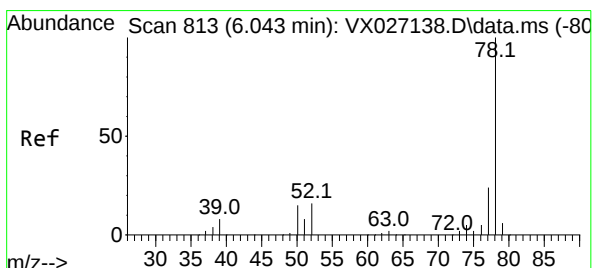
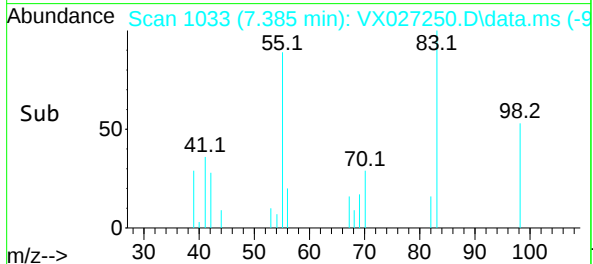
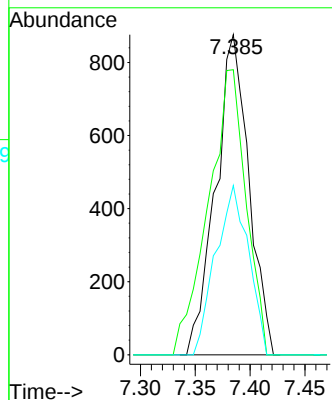
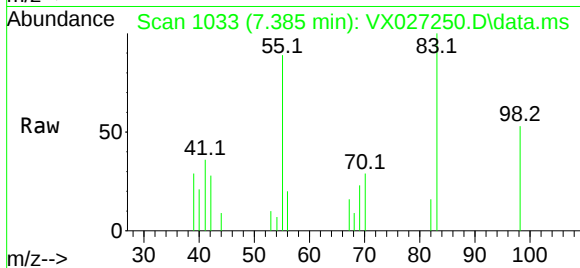
Tgt Ion: 83 Resp: 1843

Ion Ratio Lower Upper

83 100

55 89.0 63.6 95.4

98 52.9 38.4 57.6



#40

Benzene

Concen: 23.805 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.001 min

Lab File: VX027250.D

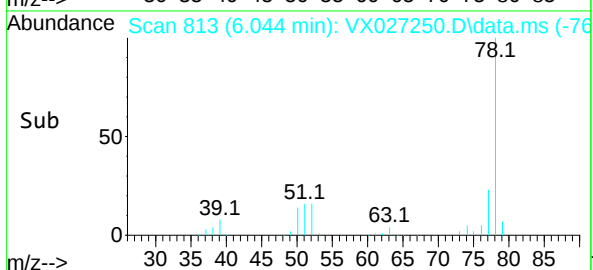
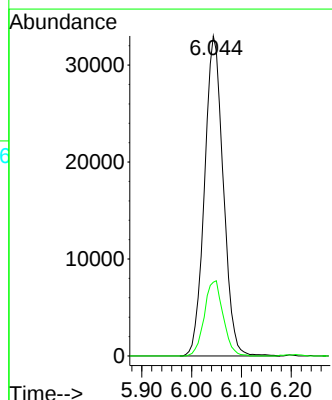
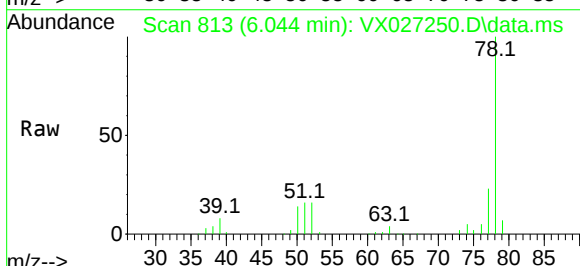
Acq: 01 Mar 2022 15:53

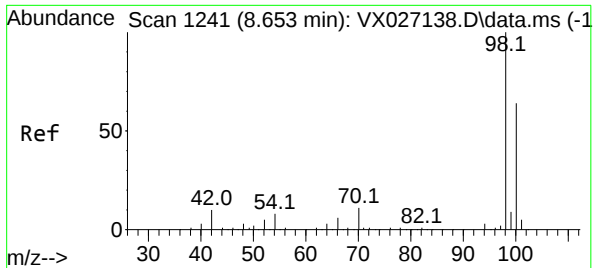
Tgt Ion: 78 Resp: 86031

Ion Ratio Lower Upper

78 100

77 23.0 18.9 28.3

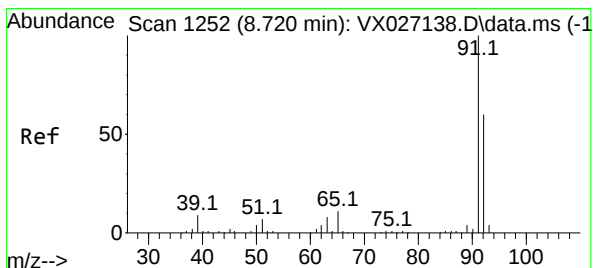
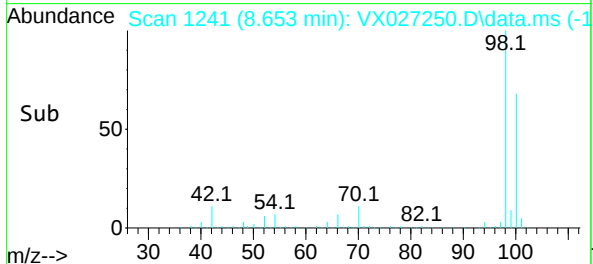
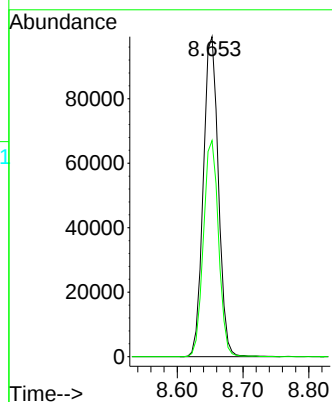
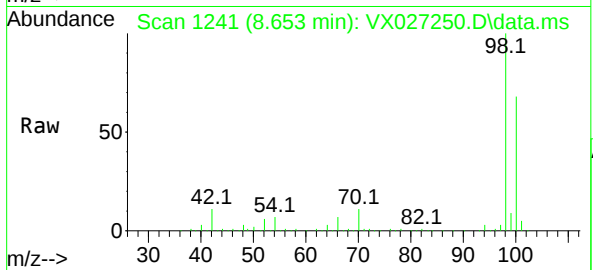




#50
Toluene-d8
Concen: 50.080 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

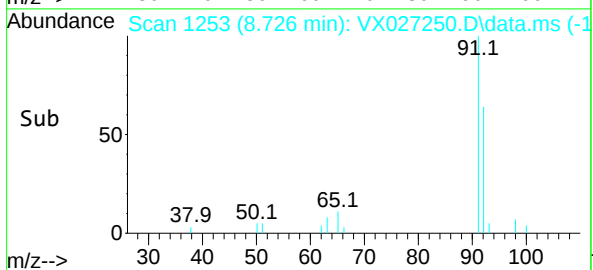
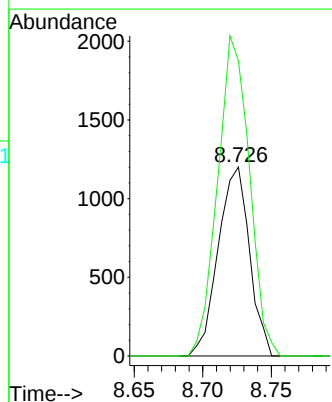
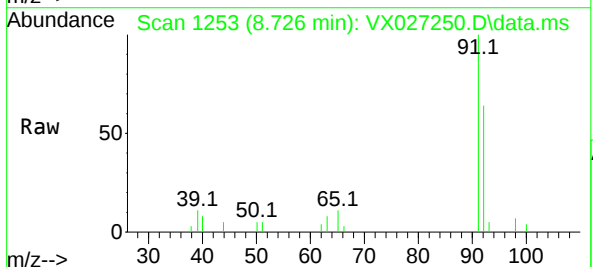
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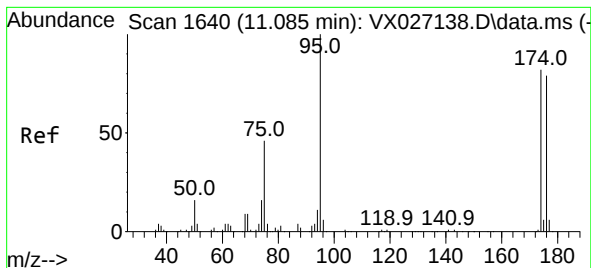
Tgt Ion: 98 Resp: 158562
Ion Ratio Lower Upper
98 100
100 67.6 53.2 79.8



#52
Toluene
Concen: 0.824 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Tgt Ion: 92 Resp: 1907
Ion Ratio Lower Upper
92 100
91 172.1 135.7 203.5

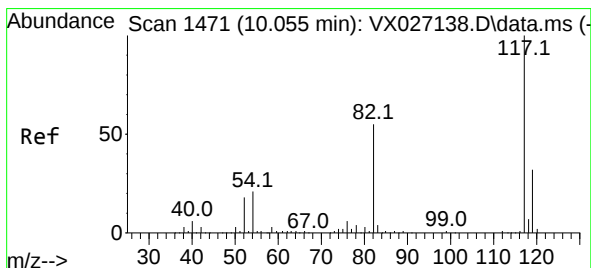
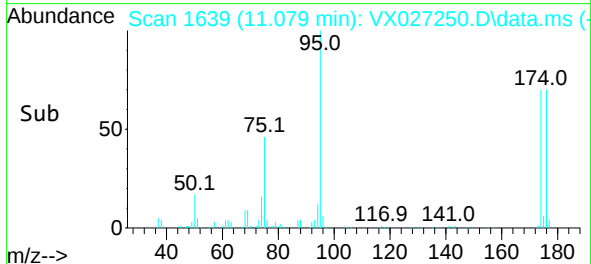
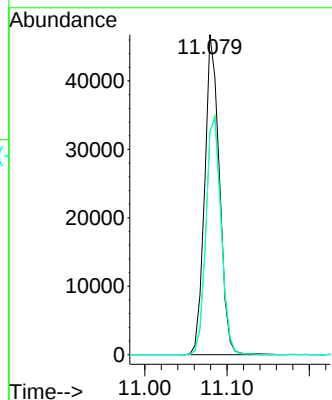
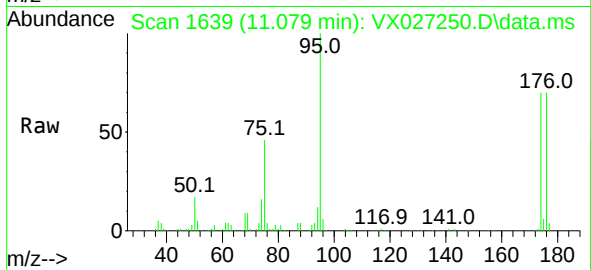




#62
4-Bromofluorobenzene
Concen: 47.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

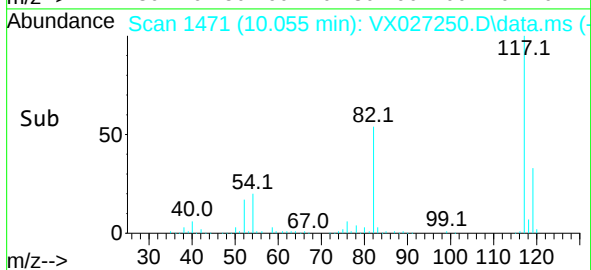
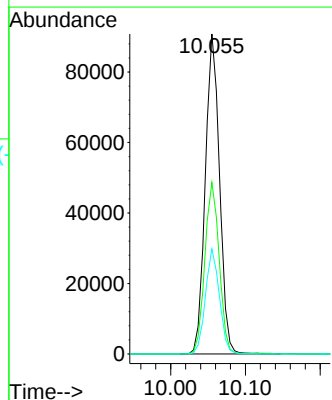
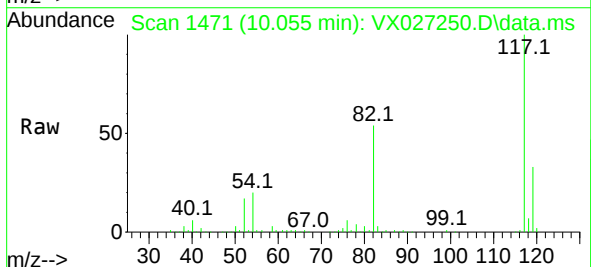
Instrument :
MSVOA_X
ClientSampleId :
MW-31

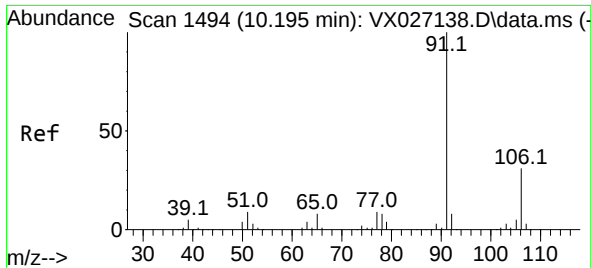
Tgt Ion: 95 Resp: 58124
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.6
176 76.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Tgt Ion: 117 Resp: 120252
Ion Ratio Lower Upper
117 100
82 53.6 45.2 67.8
119 32.9 26.2 39.2





#67

Ethyl Benzene

Concen: 4.657 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027250.D

Acq: 01 Mar 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

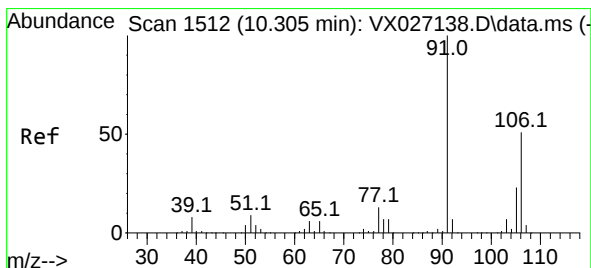
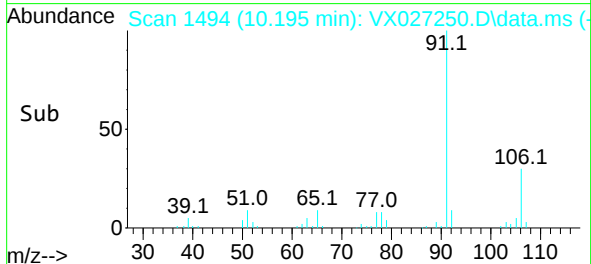
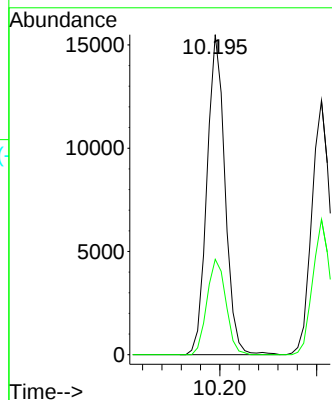
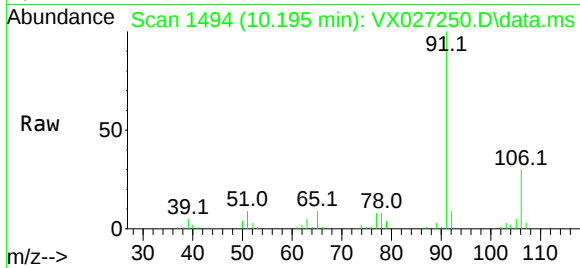
MW-31

Tgt Ion: 91 Resp: 20038

Ion Ratio Lower Upper

91 100

106 29.8 24.7 37.1



#68

m/p-Xylenes

Concen: 5.065 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX027250.D

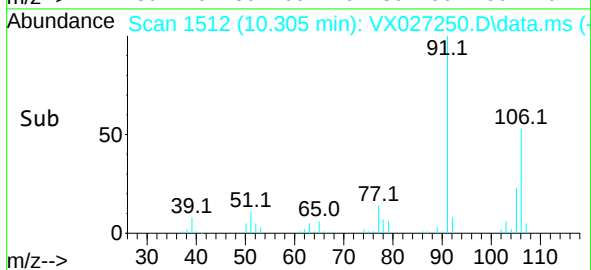
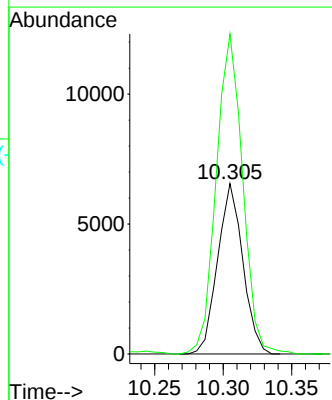
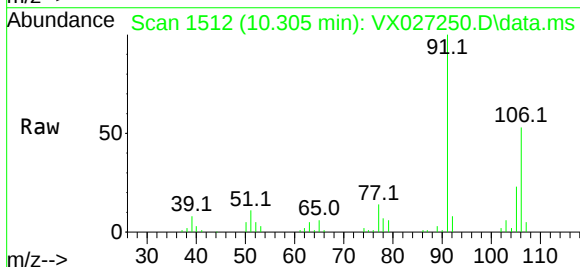
Acq: 01 Mar 2022 15:53

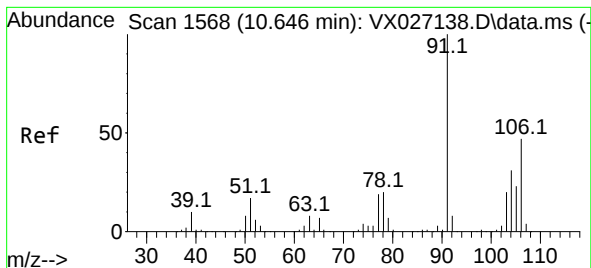
Tgt Ion:106 Resp: 8379

Ion Ratio Lower Upper

106 100

91 196.7 165.3 247.9





#69

o-Xylene

Concen: 1.107 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027250.D

Acq: 01 Mar 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

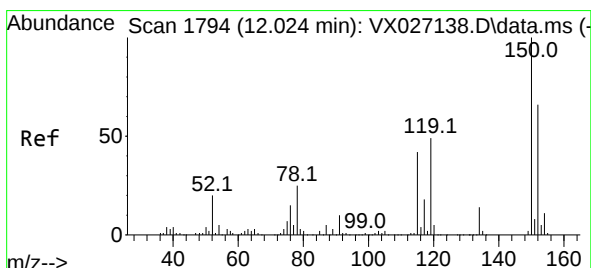
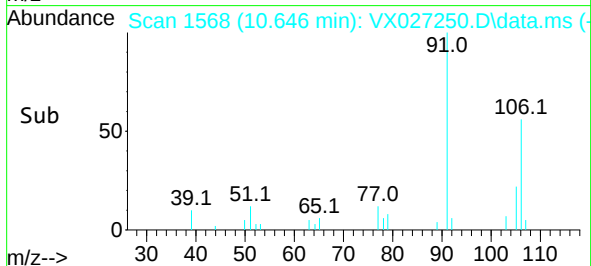
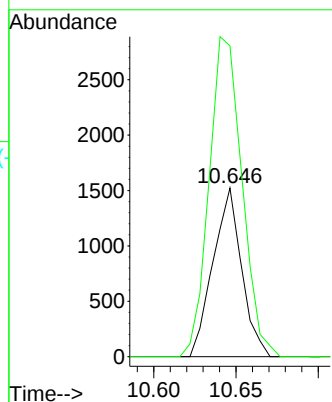
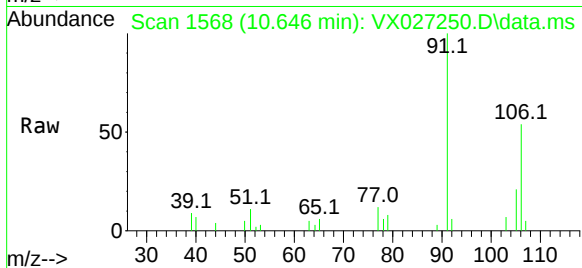
MW-31

Tgt Ion:106 Resp: 1838

Ion Ratio Lower Upper

106 100

91 218.7 109.7 329.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX027250.D

Acq: 01 Mar 2022 15:53

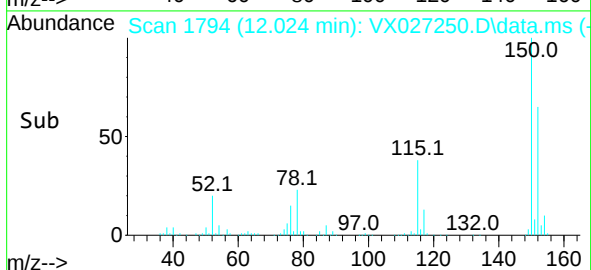
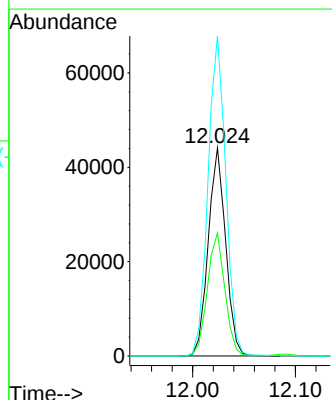
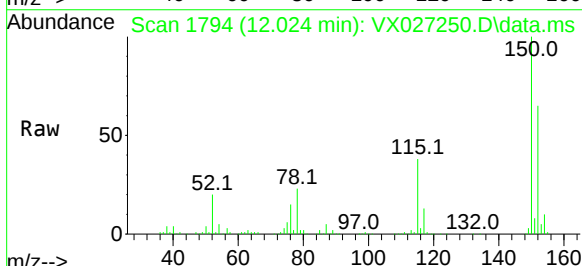
Tgt Ion:152 Resp: 51907

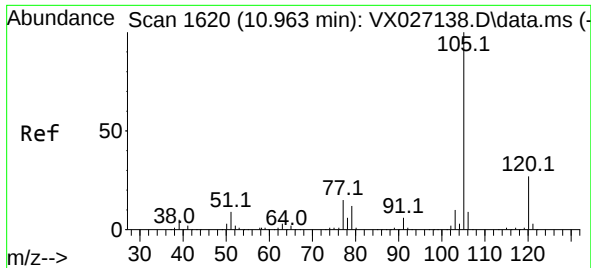
Ion Ratio Lower Upper

152 100

115 59.6 44.2 132.6

150 156.9 0.0 348.2

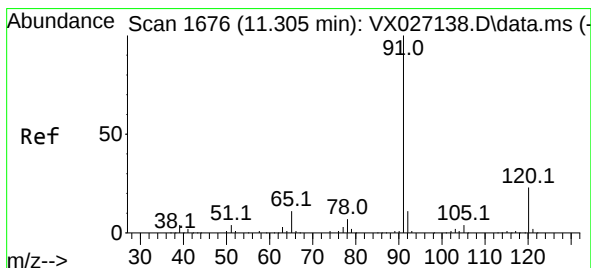
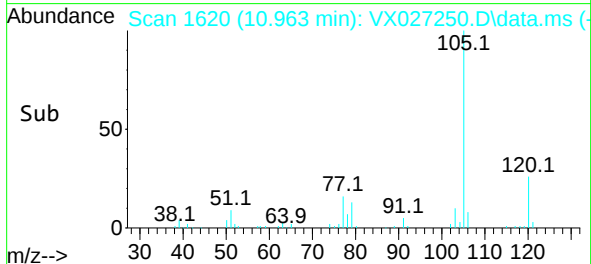
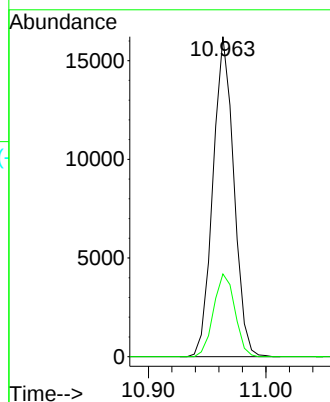
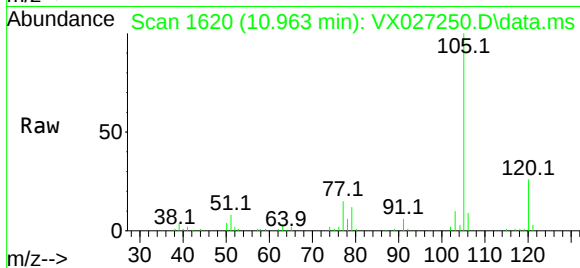




#73
Isopropylbenzene
Concen: 5.395 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

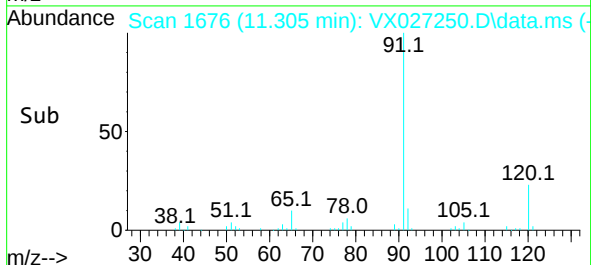
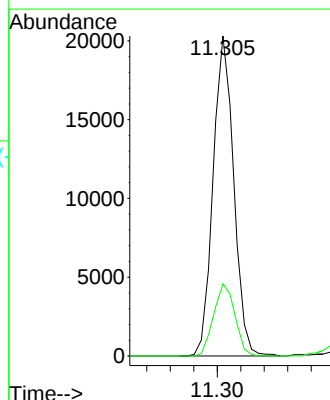
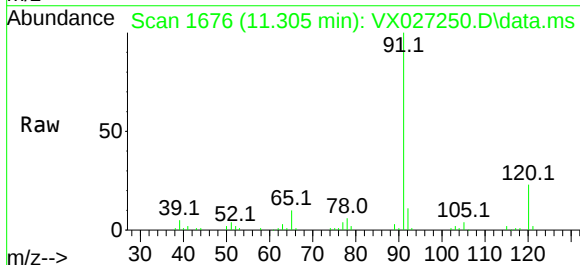
Instrument :
MSVOA_X
ClientSampleId :
MW-31

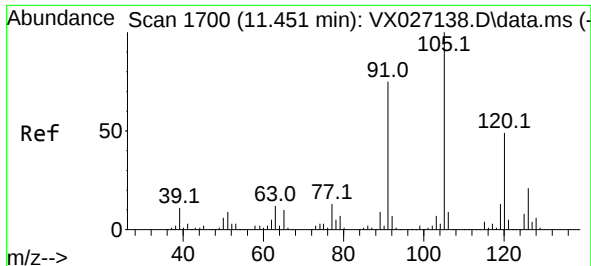
Tgt Ion:105 Resp: 20040
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#78
n-propylbenzene
Concen: 5.865 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027250.D
Acq: 01 Mar 2022 15:53

Tgt Ion: 91 Resp: 24760
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.7

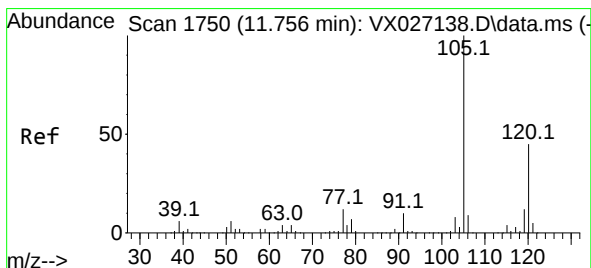
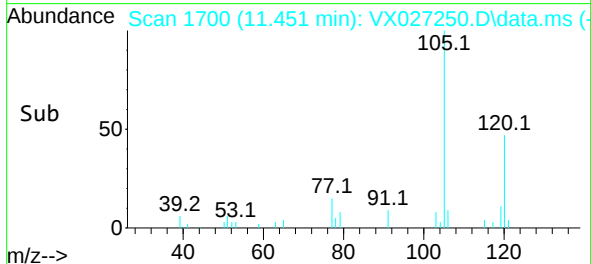
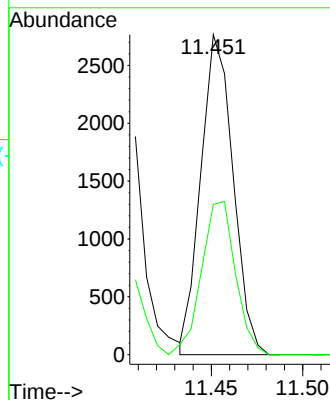
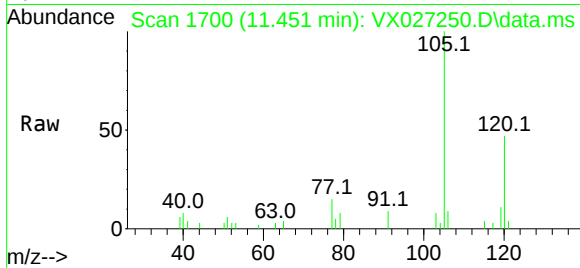




#80
 1,3,5-Trimethylbenzene
 Concen: 1.089 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX027250.D
 Acq: 01 Mar 2022 15:53

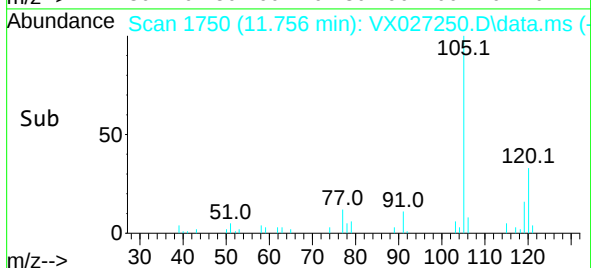
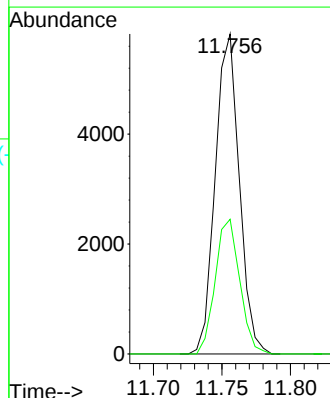
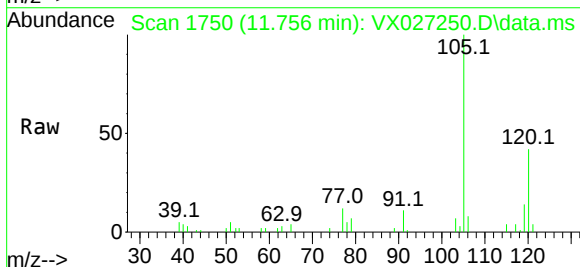
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31

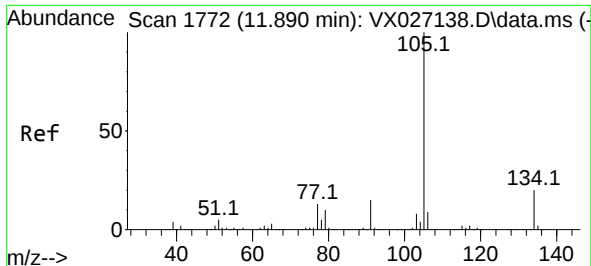
Tgt Ion:105 Resp: 3400
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.0 72.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.283 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX027250.D
 Acq: 01 Mar 2022 15:53

Tgt Ion:105 Resp: 7092
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.9 65.5

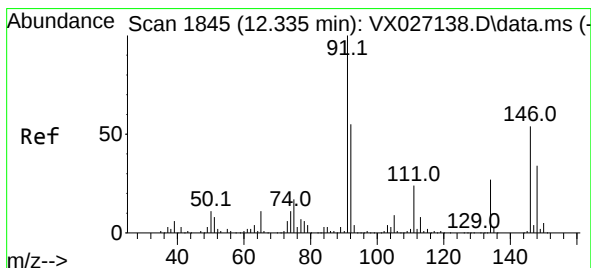
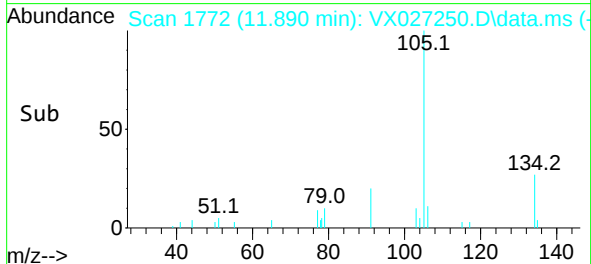
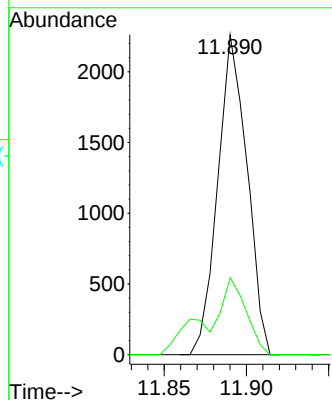
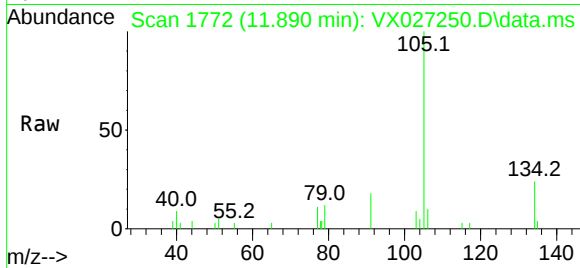




#85
 sec-Butylbenzene
 Concen: 0.733 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027250.D
 Acq: 01 Mar 2022 15:53

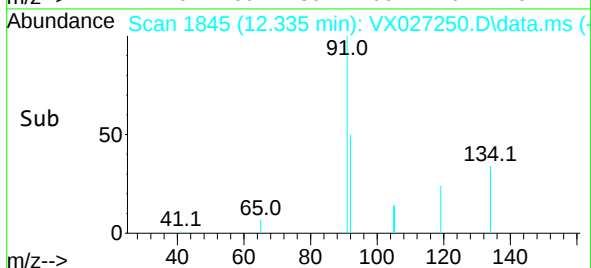
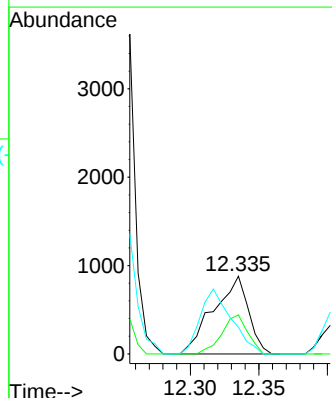
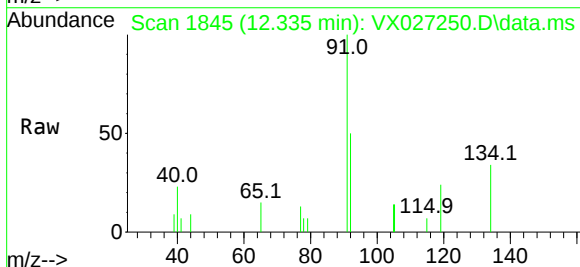
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31

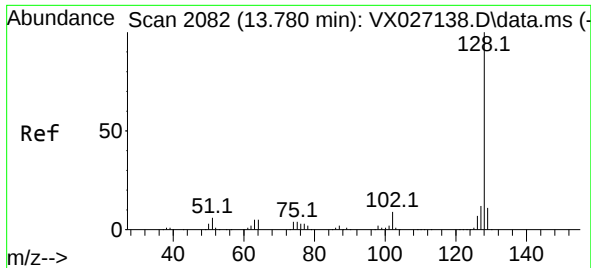
Tgt Ion:105 Resp: 2793
 Ion Ratio Lower Upper
 105 100
 134 32.2 10.1 30.1#



#89
 n-Butylbenzene
 Concen: 0.576 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX027250.D
 Acq: 01 Mar 2022 15:53

Tgt Ion: 91 Resp: 1564
 Ion Ratio Lower Upper
 91 100
 92 37.2 27.2 81.6
 134 75.0 13.1 39.1#





#95

Naphthalene

Concen: 6.736 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX027250.D

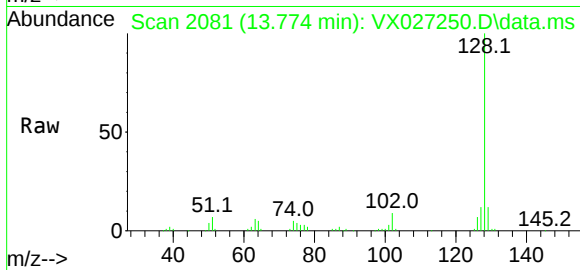
Acq: 01 Mar 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

MW-31



Tgt Ion:128 Resp: 24569

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 12.0 8.7 13.1

