

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027253.D
 Acq On : 01 Mar 2022 17:03
 Operator : JC/MD
 Sample : N1688-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

Quant Time: Mar 02 00:36:28 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)

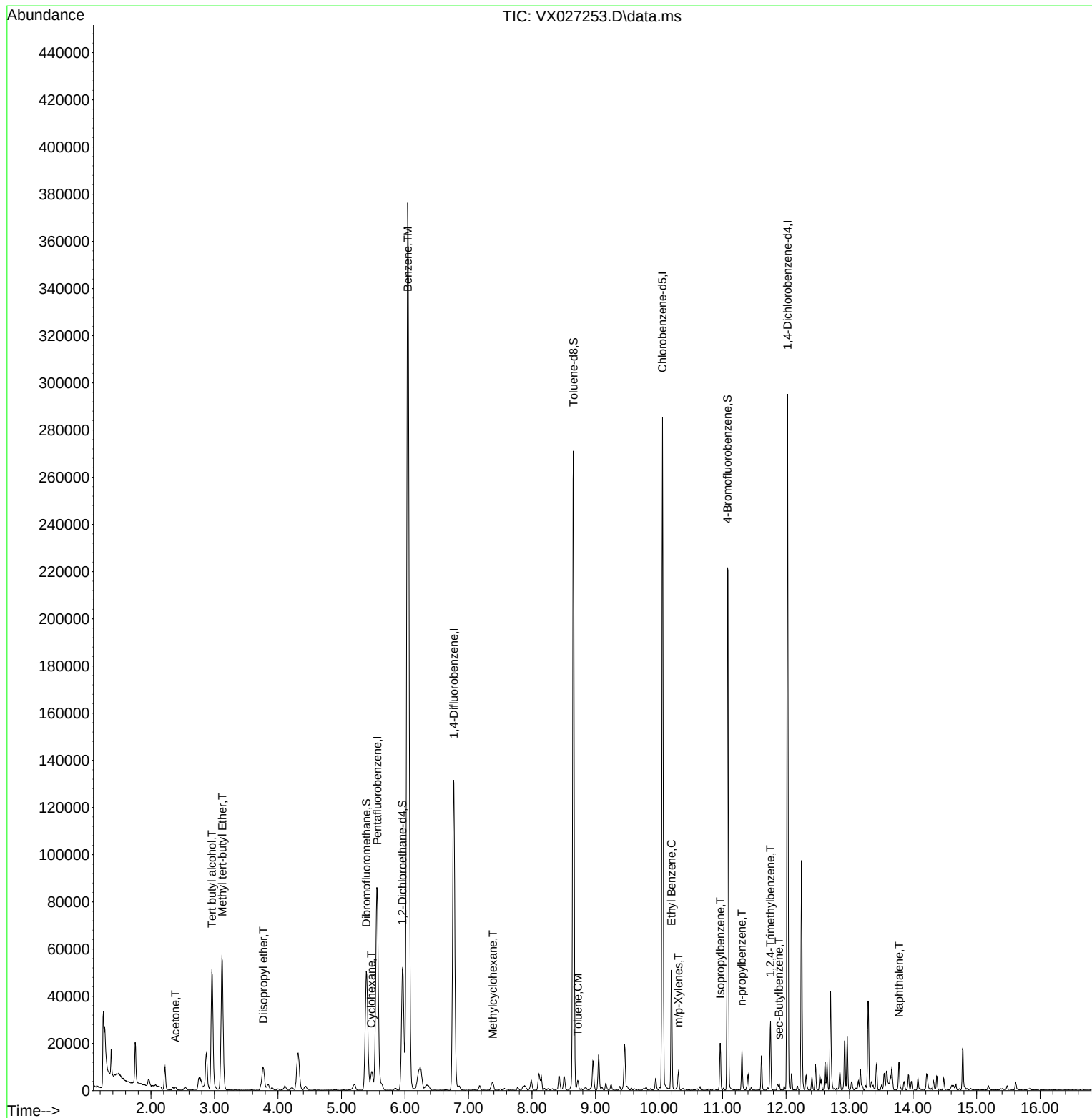
Internal Standards								
1) Pentafluorobenzene			5.562	168	84592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			6.769	114	141349	50.000	ug/l	0.00
63) Chlorobenzene-d5			10.055	117	129592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			12.024	152	60413	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			5.958	65	50837	50.039	ug/l	0.00
Spiked Amount 50.000			Range 78 - 117		Recovery	= 100.080%		
35) Dibromofluoromethane			5.391	113	44573	50.803	ug/l	0.00
Spiked Amount 50.000			Range 75 - 124		Recovery	= 101.600%		
50) Toluene-d8			8.653	98	164104	50.022	ug/l	0.00
Spiked Amount 50.000			Range 92 - 112		Recovery	= 100.040%		
62) 4-Bromofluorobenzene			11.079	95	62818	49.884	ug/l	0.00
Spiked Amount 50.000			Range 83 - 123		Recovery	= 99.760%		
Target Compounds								Qvalue
11) Tert butyl alcohol			2.959	59	57180	289.269	ug/l	96
16) Acetone			2.386	43	1529	3.428	ug/l	94
19) Methyl tert-butyl Ether			3.123	73	60599	21.445	ug/l	100
22) Diisopropyl ether			3.770	45	10614	3.755	ug/l #	77
31) Cyclohexane			5.470	56	5657	3.718	ug/l	95
39) Methylcyclohexane			7.385	83	1542	0.968	ug/l #	86
40) Benzene			6.044	78	459397	122.684	ug/l	100
52) Toluene			8.720	92	1388	0.579	ug/l	99
67) Ethyl Benzene			10.195	91	28715	6.192	ug/l	98
68) m/p-Xylenes			10.305	106	1812	1.016	ug/l	92
73) Isopropylbenzene			10.963	105	10423	2.411	ug/l	100
78) n-propylbenzene			11.305	91	10023	2.040	ug/l	100
84) 1,2,4-Trimethylbenzene			11.756	105	12952	3.582	ug/l	100
85) sec-Butylbenzene			11.890	105	1714	0.387	ug/l #	56
95) Naphthalene			13.780	128	7981	1.880	ug/l	98

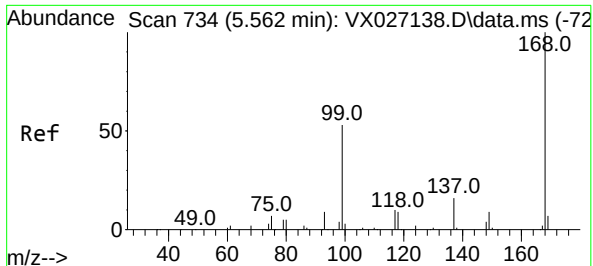
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
Data File : VX027253.D
Acq On : 01 Mar 2022 17:03
Operator : JC/MD
Sample : N1688-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-34

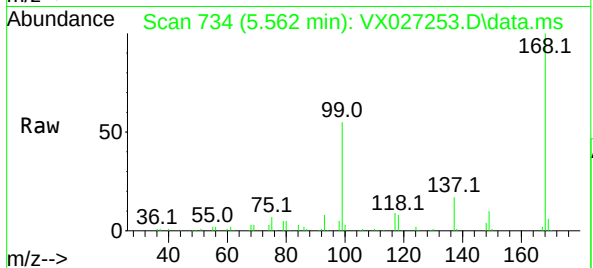
Quant Time: Mar 02 00:36:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



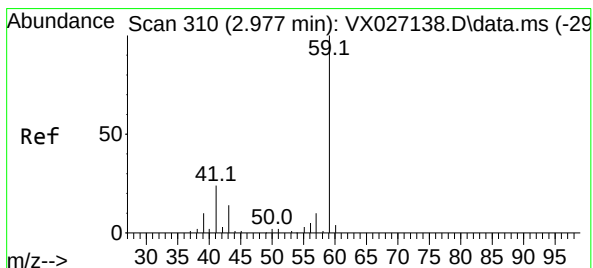
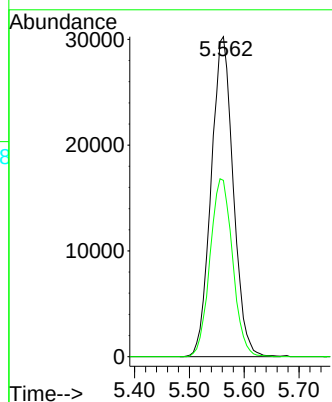
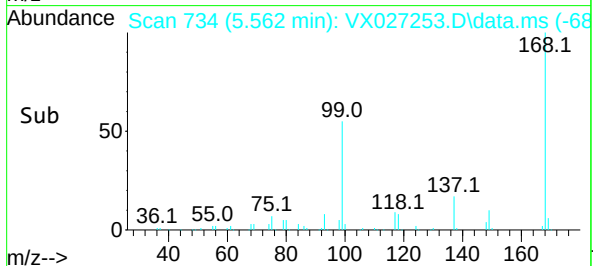


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
MW-34

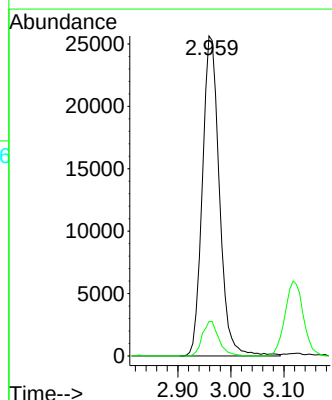
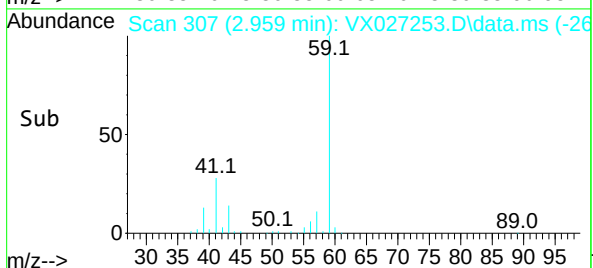
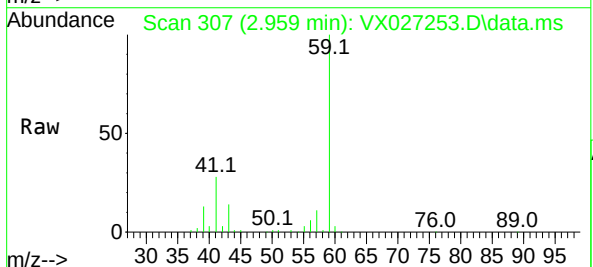


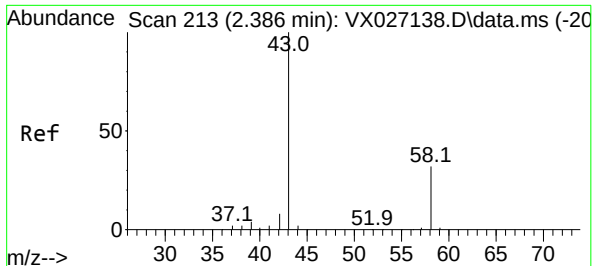
Tgt Ion:168 Resp: 84592
Ion Ratio Lower Upper
168 100
99 55.1 50.3 75.5



#11
Tert butyl alcohol
Concen: 289.269 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Tgt Ion: 59 Resp: 57180
Ion Ratio Lower Upper
59 100
57 10.5 7.2 10.8

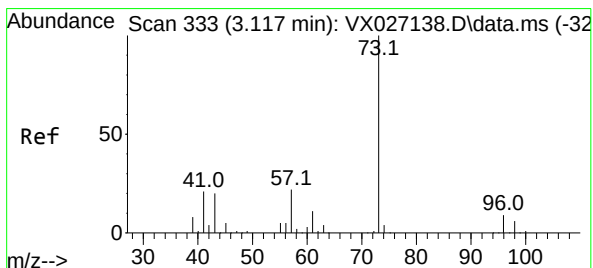
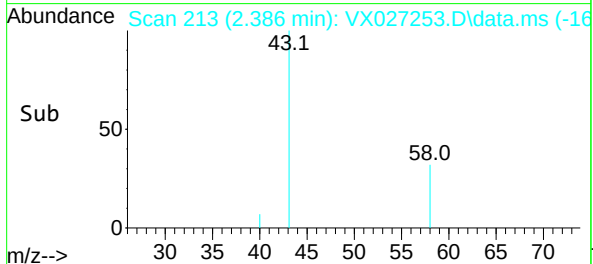
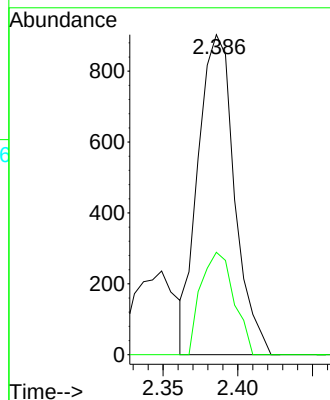
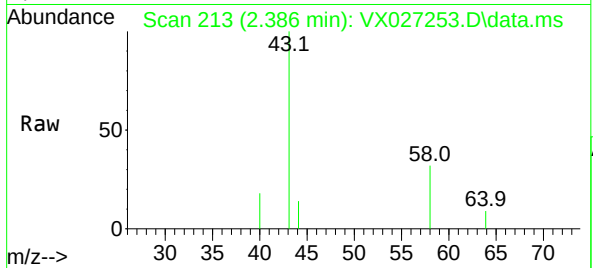




#16
Acetone
Concen: 3.428 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

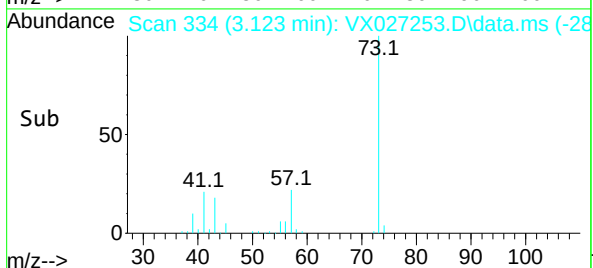
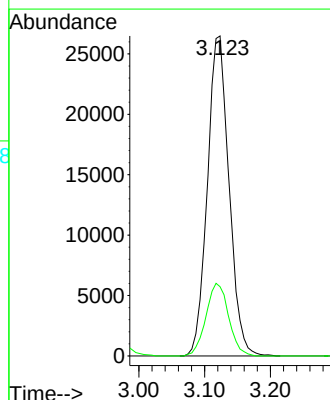
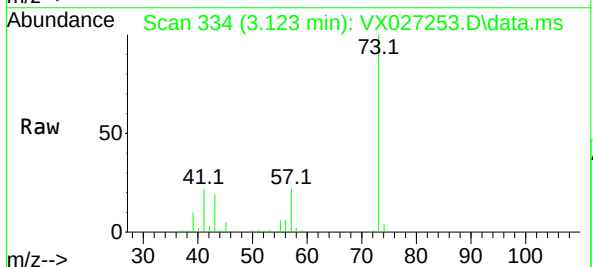
Instrument :
MSVOA_X
ClientSampleId :
MW-34

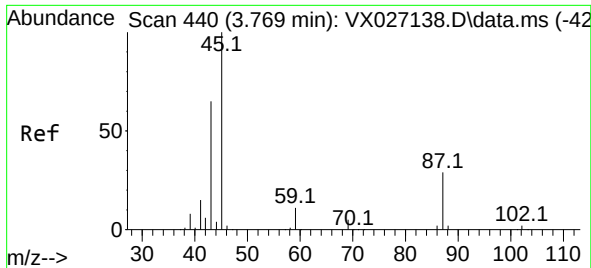
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 32.0 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 21.445 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Tgt Ion: 73 Resp: 60599
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2

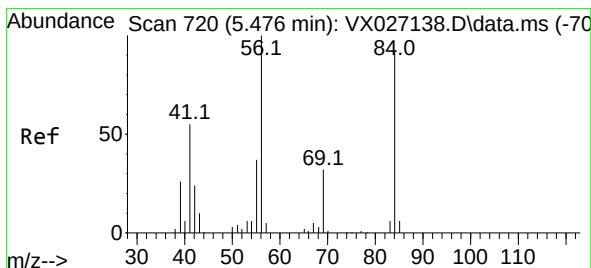
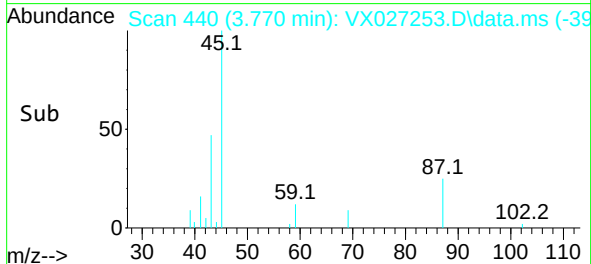
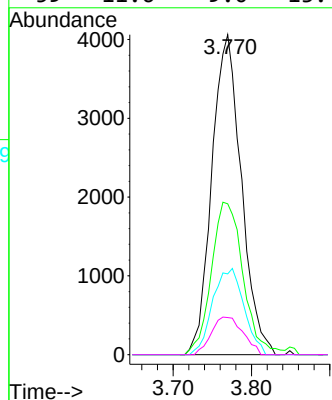
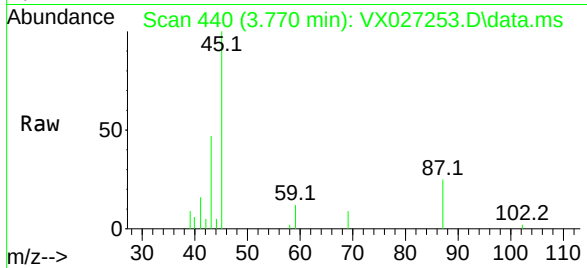




#22
Diisopropyl ether
Concen: 3.755 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

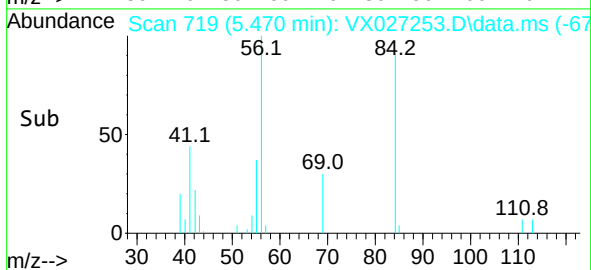
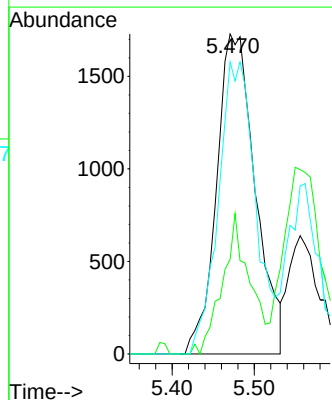
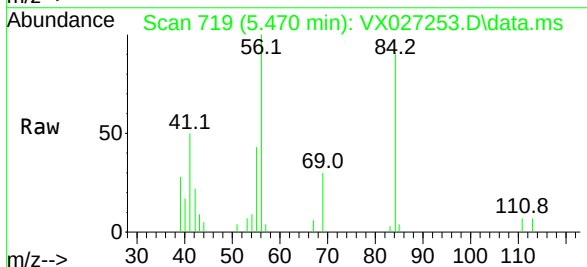
Instrument :
MSVOA_X
ClientSampleId :
MW-34

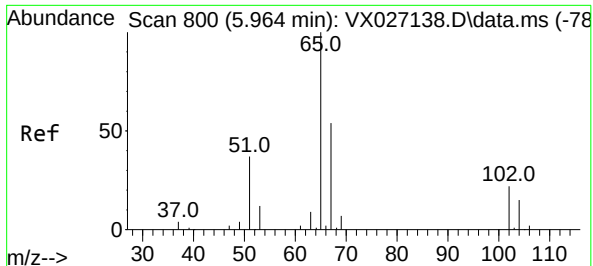
Tgt Ion: 45	Resp: 10614
Ion Ratio	Lower Upper
45 100	
43 47.1	60.6 91.0#
87 25.2	22.0 33.0
59 11.6	9.0 13.4



#31
Cyclohexane
Concen: 3.718 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Tgt Ion: 56	Resp: 5657
Ion Ratio	Lower Upper
56 100	
69 29.6	25.8 38.6
84 91.3	68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 50.039 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027253.D

Acq: 01 Mar 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

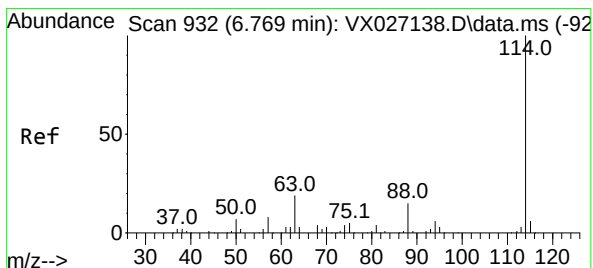
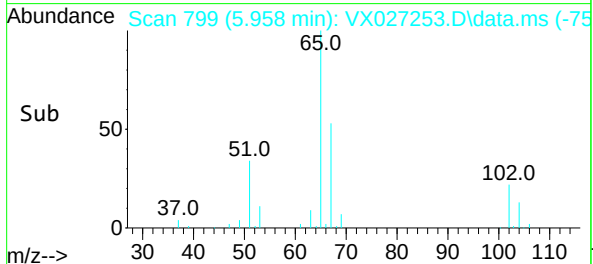
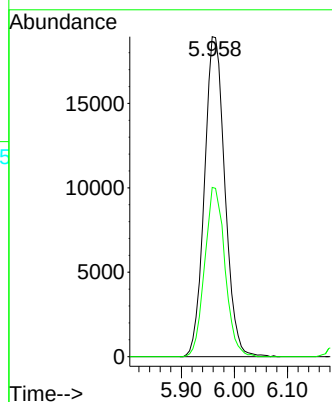
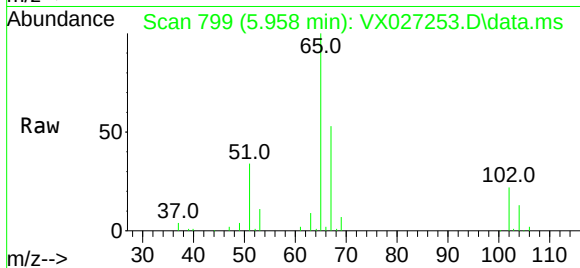
MW-34

Tgt Ion: 65 Resp: 50837

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027253.D

Acq: 01 Mar 2022 17:03

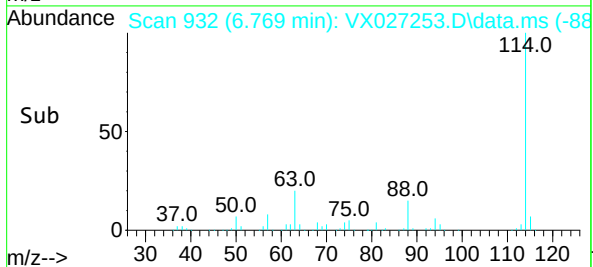
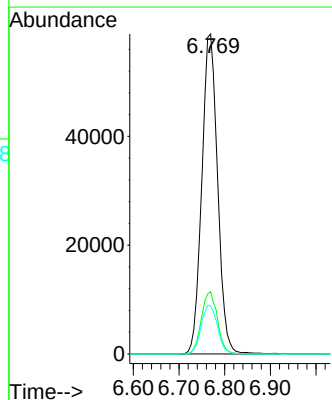
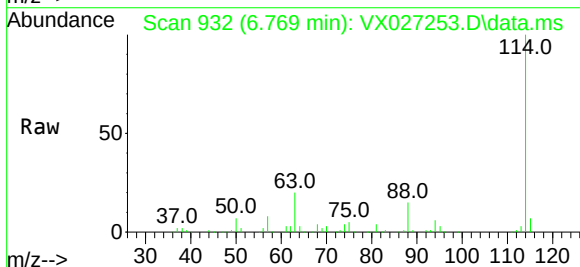
Tgt Ion: 114 Resp: 141349

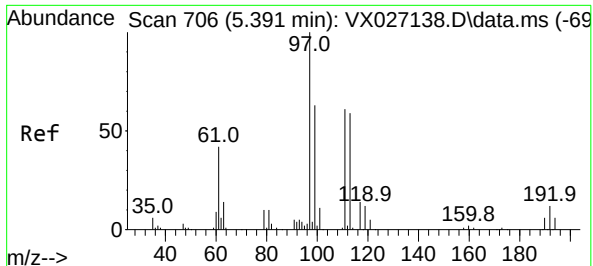
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.803 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027253.D

Acq: 01 Mar 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

MW-34

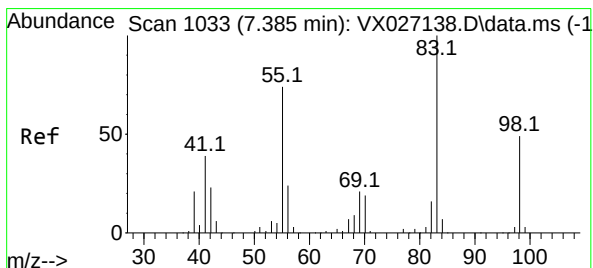
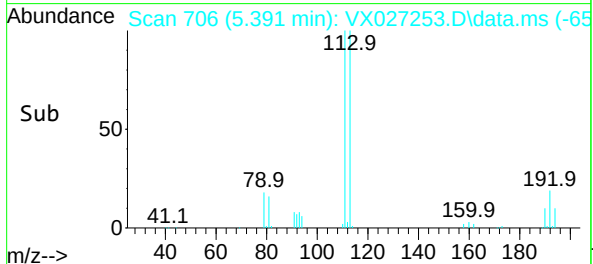
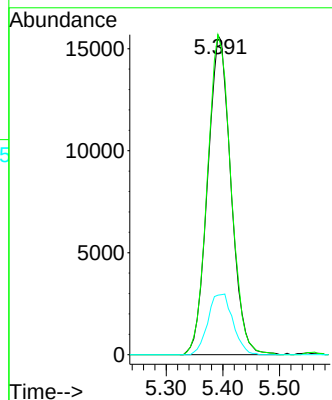
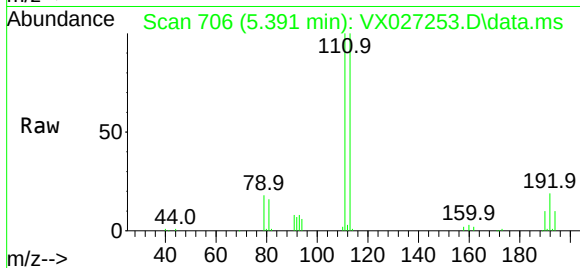
Tgt Ion:113 Resp: 44573

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

192 20.3 15.0 22.4



#39

Methylcyclohexane

Concen: 0.968 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027253.D

Acq: 01 Mar 2022 17:03

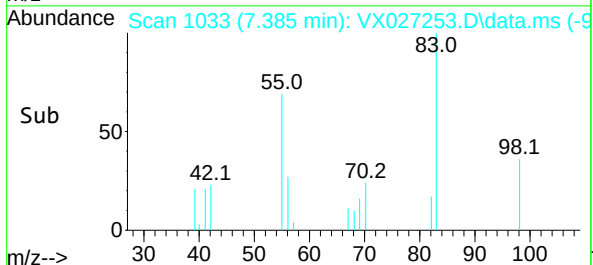
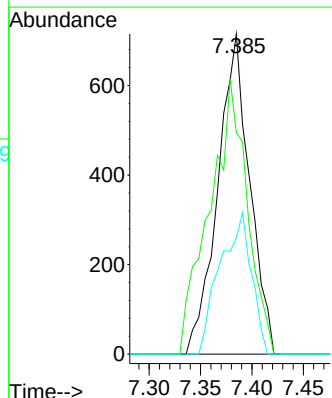
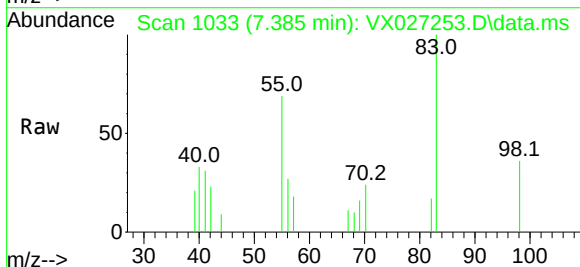
Tgt Ion: 83 Resp: 1542

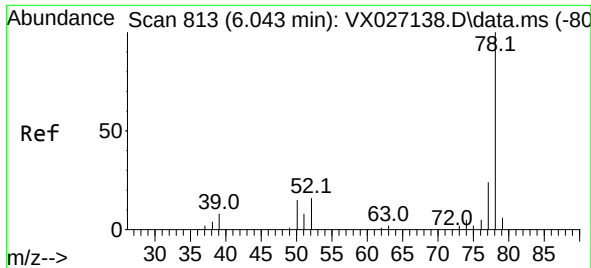
Ion Ratio Lower Upper

83 100

55 69.2 63.6 95.4

98 36.4 38.4 57.6#

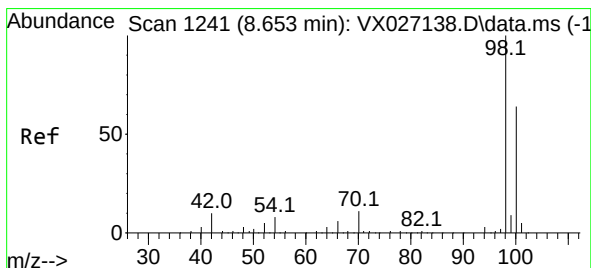
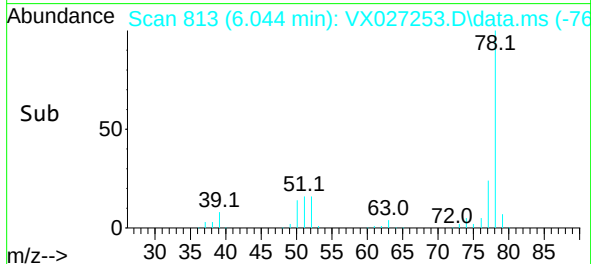
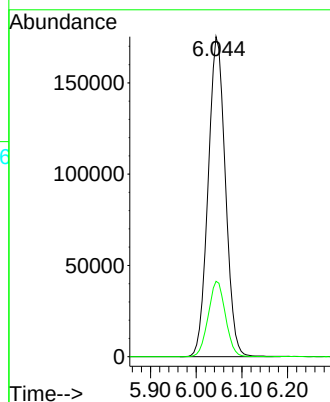
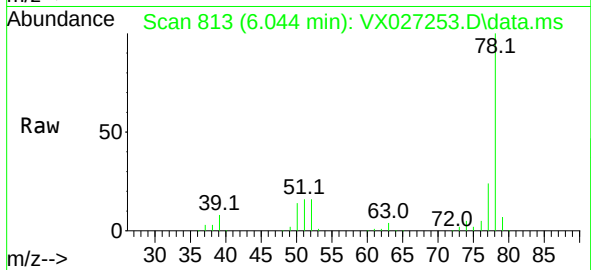




#40
Benzene
Concen: 122.684 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

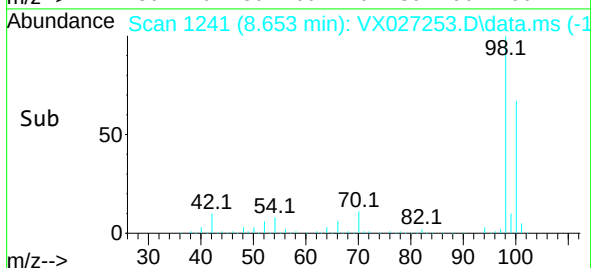
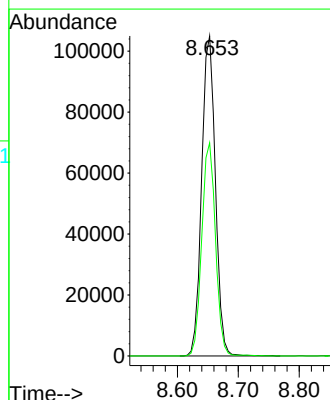
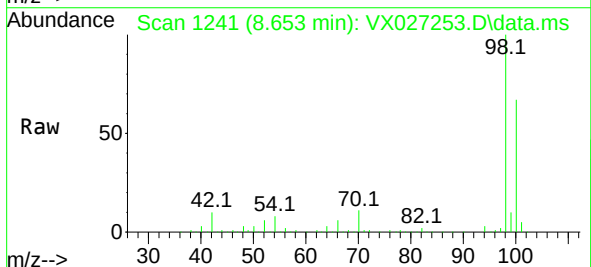
Instrument :
MSVOA_X
ClientSampleId :
MW-34

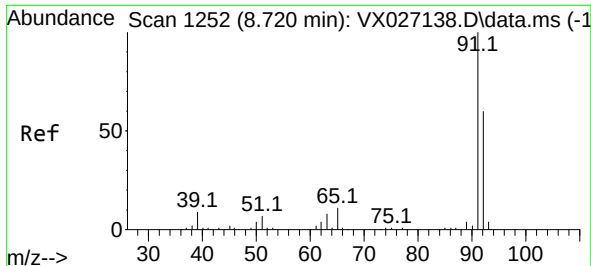
Tgt Ion: 78 Resp: 459397
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



#50
Toluene-d8
Concen: 50.022 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Tgt Ion: 98 Resp: 164104
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

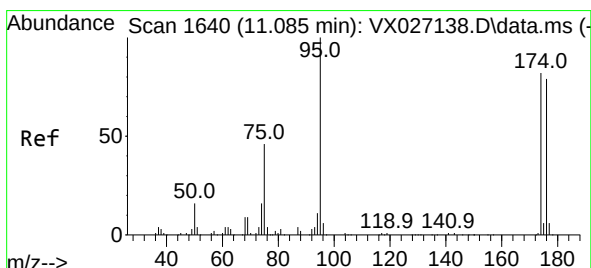
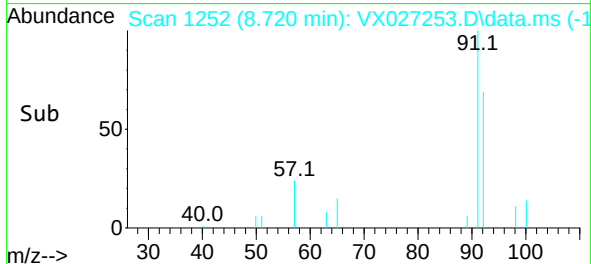
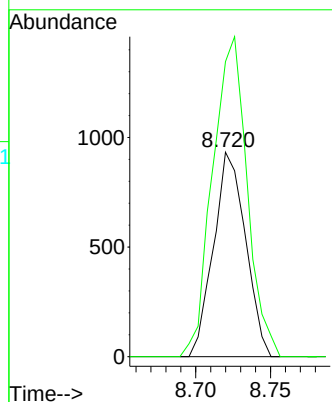
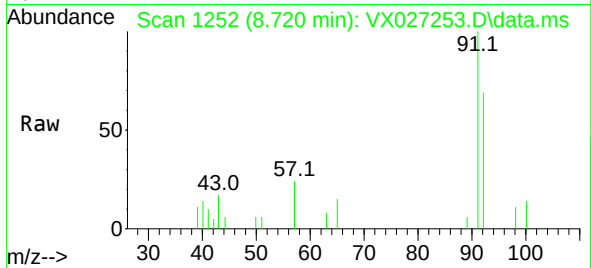




#52
Toluene
Concen: 0.579 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

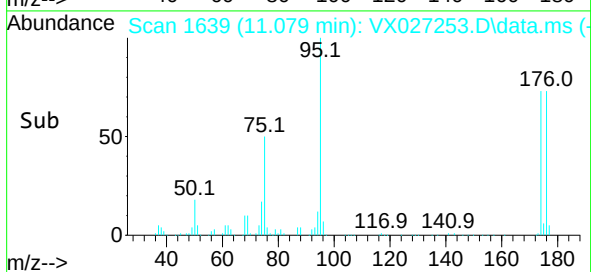
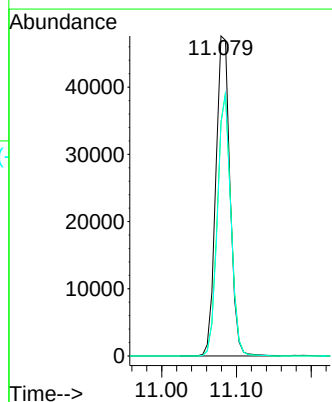
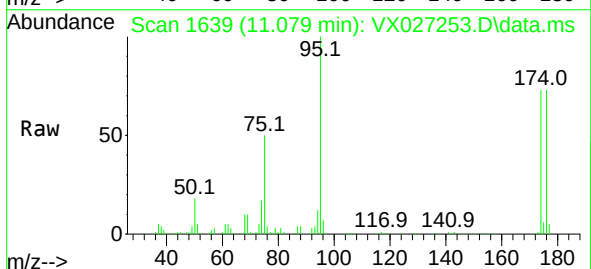
Instrument :
MSVOA_X
ClientSampleId :
MW-34

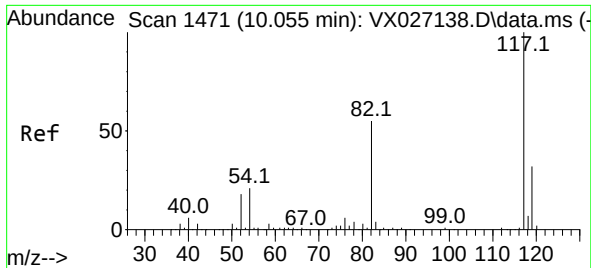
Tgt Ion: 92 Resp: 1388
Ion Ratio Lower Upper
92 100
91 168.6 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 49.884 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Tgt Ion: 95 Resp: 62818
Ion Ratio Lower Upper
95 100
174 78.4 0.0 148.6
176 77.2 0.0 141.4

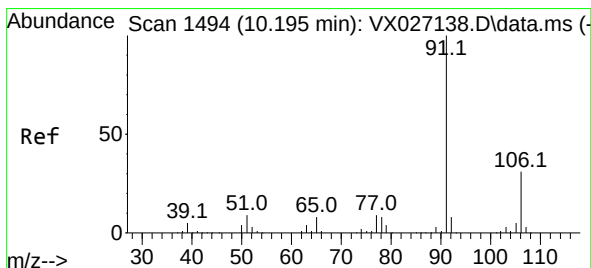
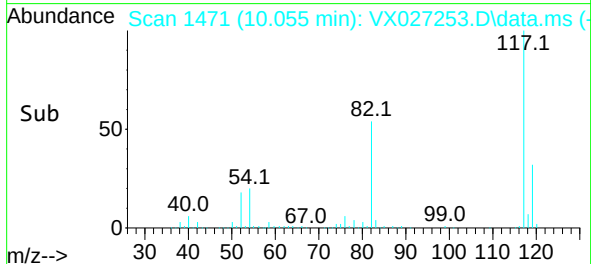
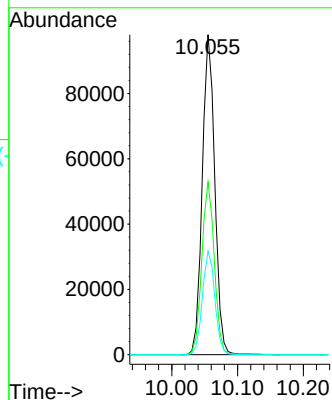
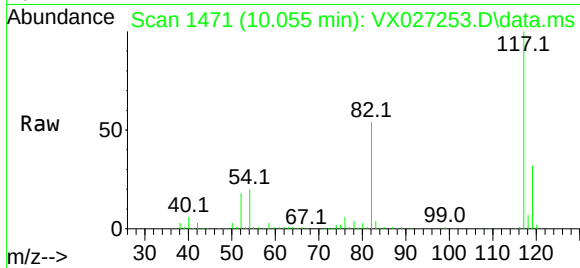




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

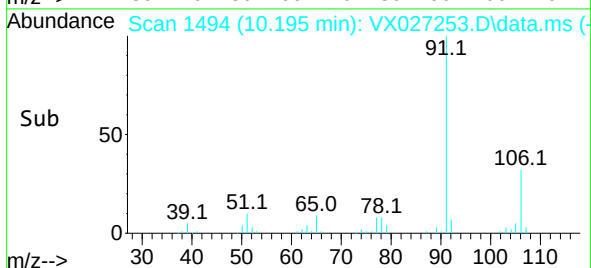
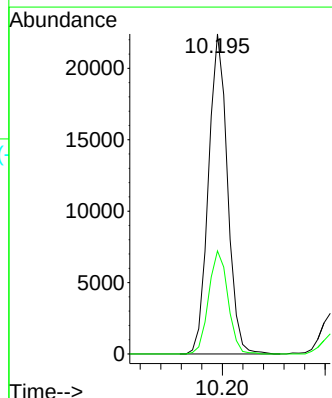
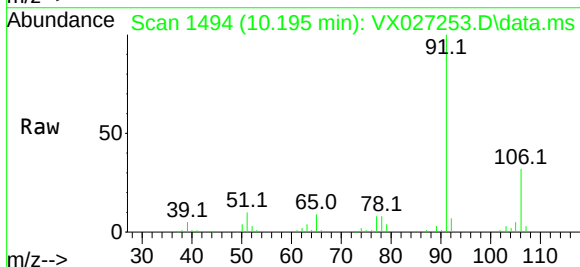
Instrument :
MSVOA_X
ClientSampleId :
MW-34

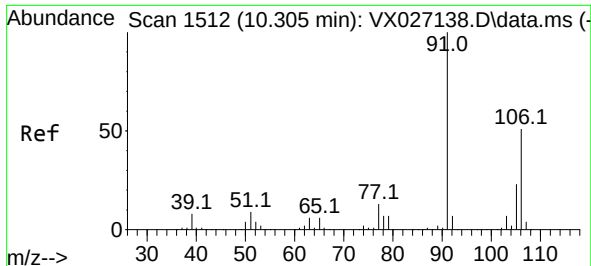
Tgt Ion:117 Resp: 129592
Ion Ratio Lower Upper
117 100
82 54.0 45.2 67.8
119 32.3 26.2 39.2



#67
Ethyl Benzene
Concen: 6.192 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Tgt Ion: 91 Resp: 28715
Ion Ratio Lower Upper
91 100
106 32.2 24.7 37.1

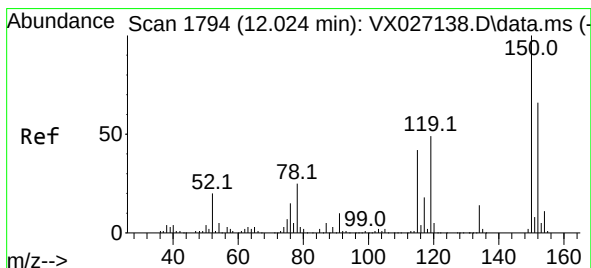
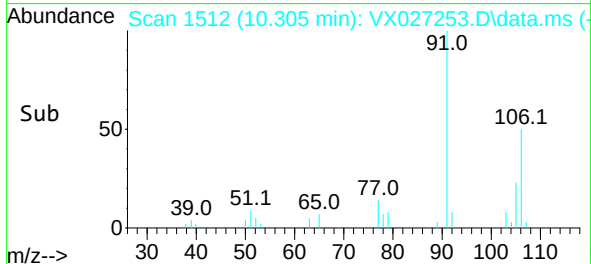
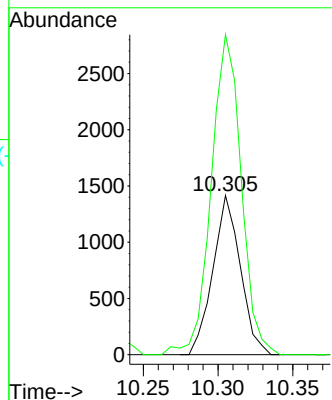
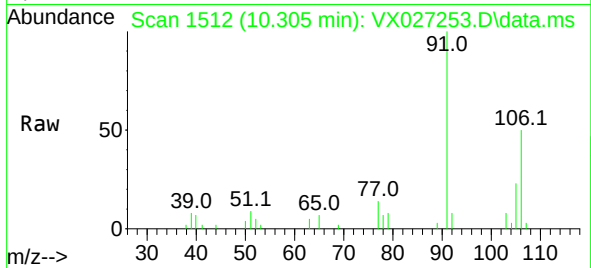




#68
m/p-Xylenes
Concen: 1.016 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

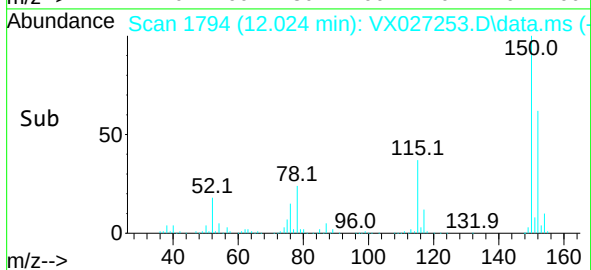
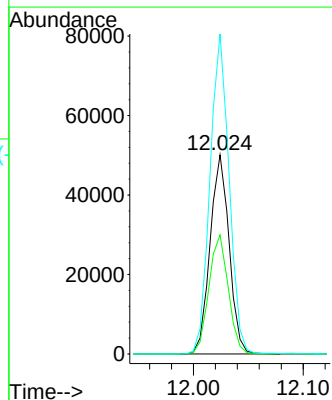
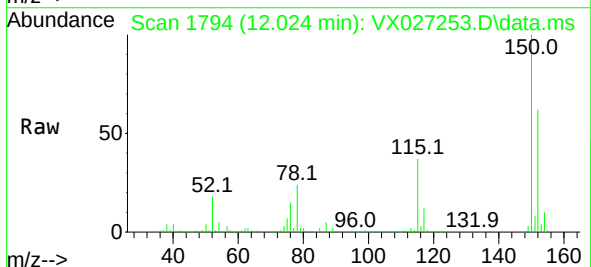
Instrument :
MSVOA_X
ClientSampleId :
MW-34

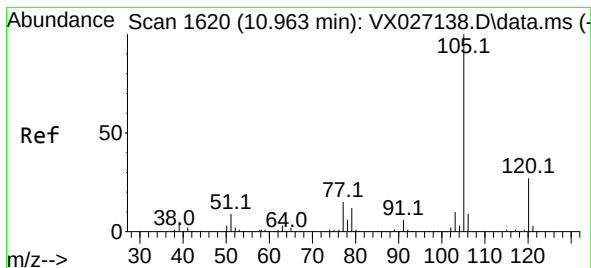
Tgt Ion:106 Resp: 1812
Ion Ratio Lower Upper
106 100
91 219.1 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Tgt Ion:152 Resp: 60413
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 161.5 0.0 348.2





#73

Isopropylbenzene

Concen: 2.411 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027253.D

Acq: 01 Mar 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

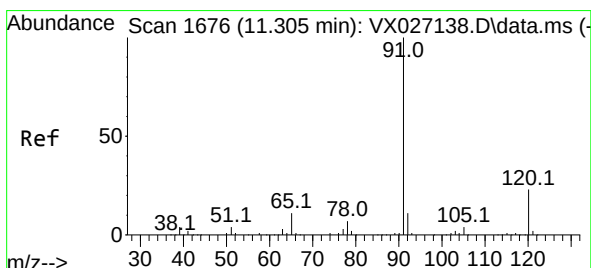
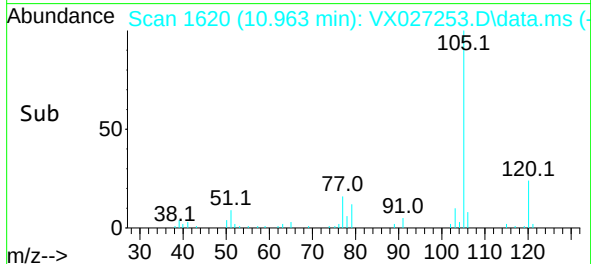
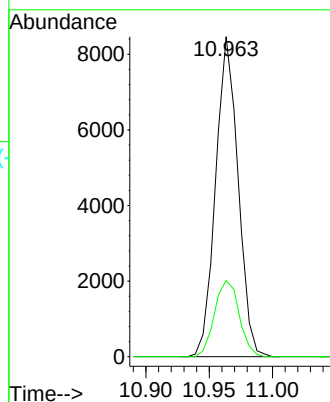
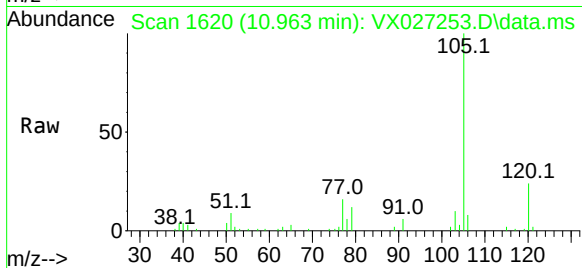
MW-34

Tgt Ion:105 Resp: 10423

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#78

n-propylbenzene

Concen: 2.040 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX027253.D

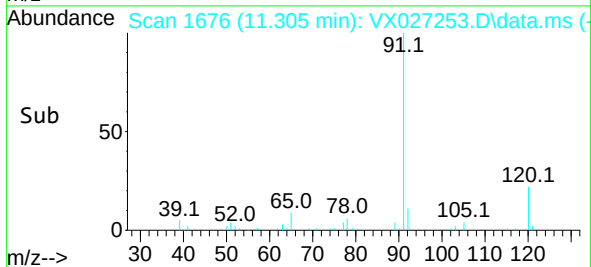
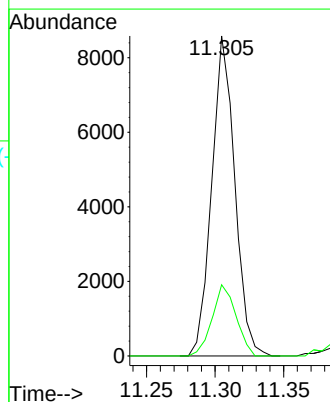
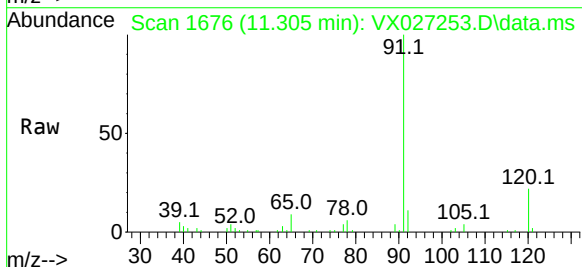
Acq: 01 Mar 2022 17:03

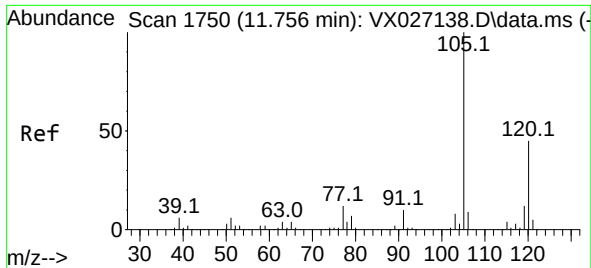
Tgt Ion: 91 Resp: 10023

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.7

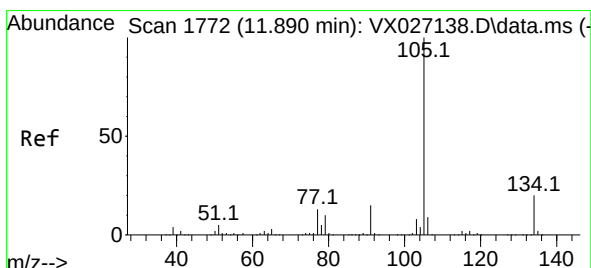
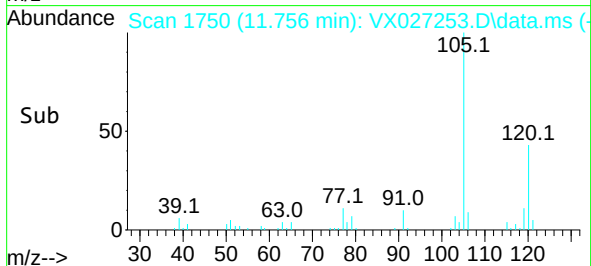
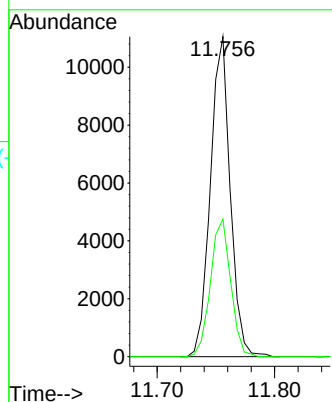
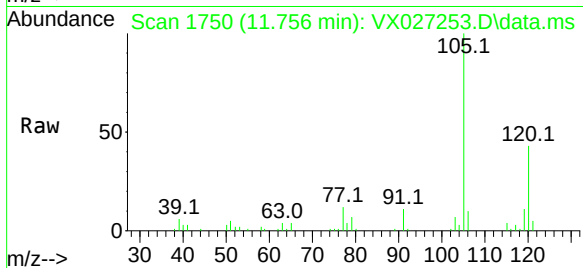




#84
1,2,4-Trimethylbenzene
Concen: 3.582 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

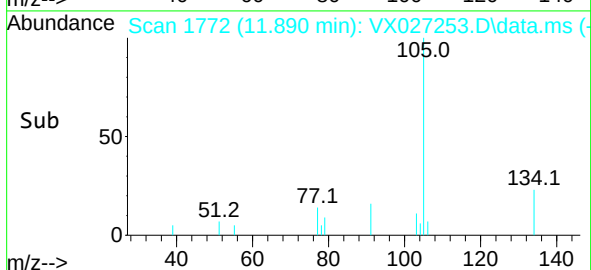
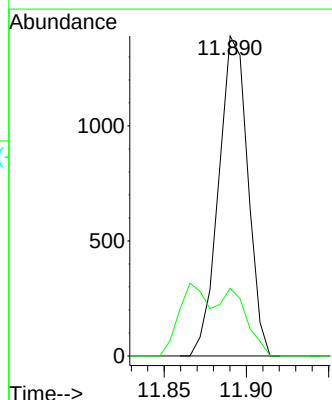
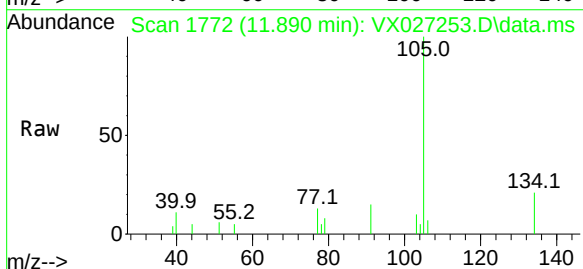
Instrument :
MSVOA_X
ClientSampleId :
MW-34

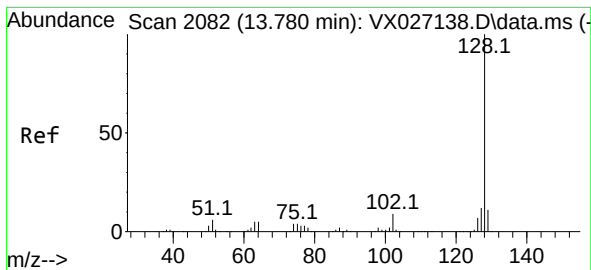
Tgt Ion:105 Resp: 12952
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.387 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

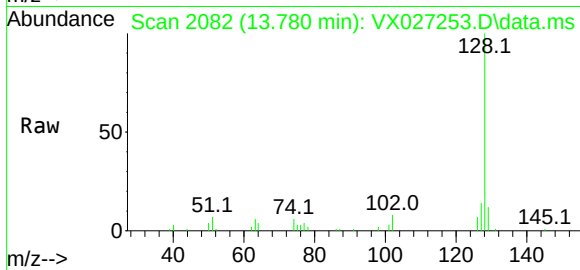
Tgt Ion:105 Resp: 1714
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#95
Naphthalene
Concen: 1.880 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027253.D
Acq: 01 Mar 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
MW-34



Tgt Ion:	128	Resp:	7981
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	12.0	8.7	13.1

