

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060821\
 Data File : VW019153.D
 Acq On : 08 Jun 2021 12:52
 Operator : SY/VA
 Sample : M2649-01
 Misc : 5.54G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 01:05:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 09 01:04:22 2021
 Response via : Initial Calibration

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

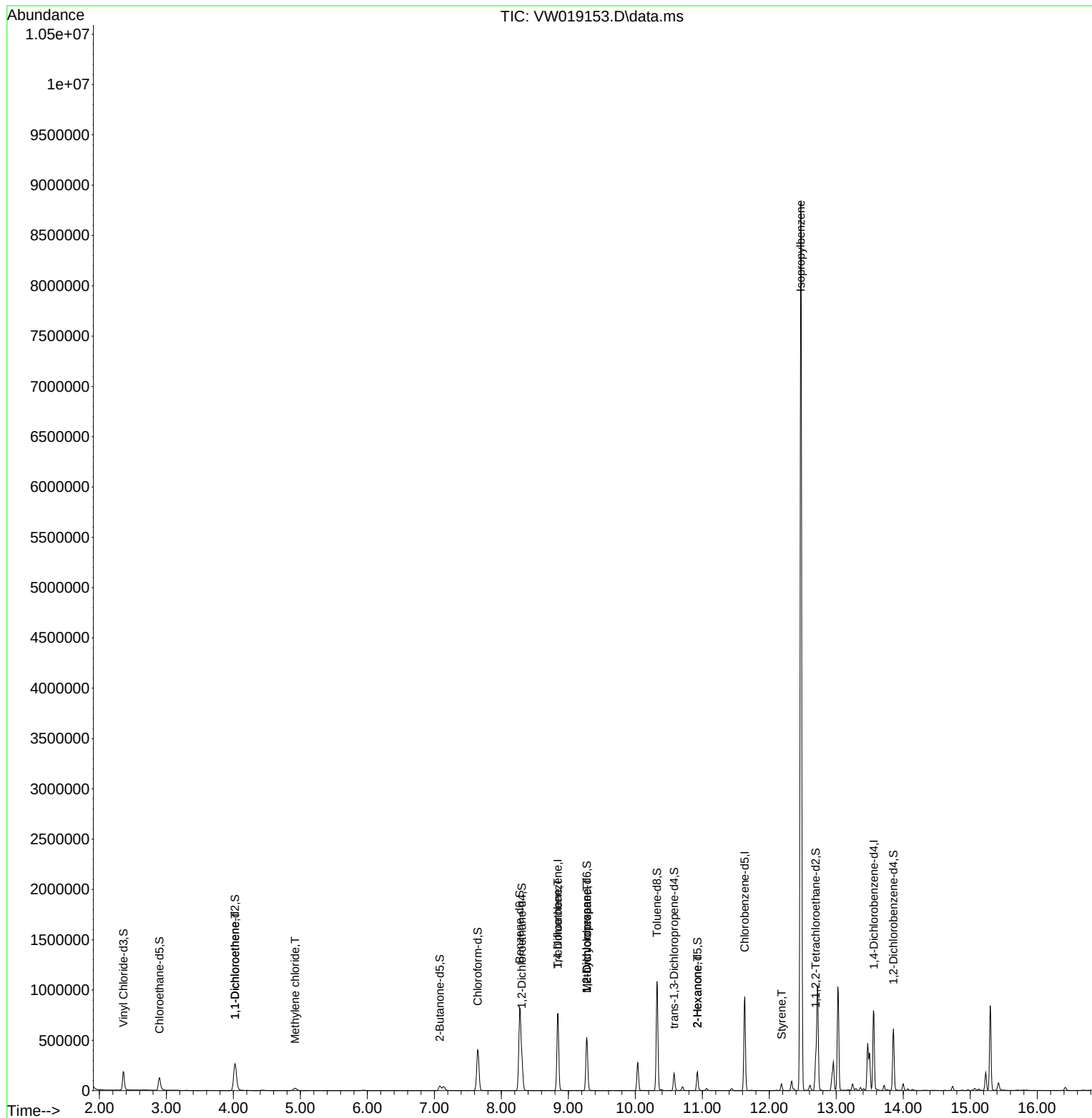
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	614024	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	497606	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	190855	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	217822	26.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.320%
7) Chloroethane-d5	2.898	69	167556	24.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
11) 1,1-Dichloroethene-d2	4.025	63	303403	18.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.240%
21) 2-Butanone-d5	7.080	46	75756	35.619	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.240%
24) Chloroform-d	7.647	84	410798	24.885	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.305	65	211204	22.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.240%
32) Benzene-d6	8.275	84	830430	29.291	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.160%
36) 1,2-Dichloropropane-d6	9.275	67	244518	28.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.800%
41) Toluene-d8	10.323	98	720979	27.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.760%
43) trans-1,3-Dichloroprop...	10.579	79	94373	25.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.400%
47) 2-Hexanone-d5	10.927	63	63542	43.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.200%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	148574	20.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	152932	22.957	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.840%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.025	96	2438	0.280	ug/L #	1
16) Methylene chloride	4.922	84	20019	1.757	ug/L	99
34) Trichloroethene	8.842	95	19438	2.278	ug/L #	5
35) Methylcyclohexane	9.275	83	58537	3.987	ug/L #	20
37) 1,2-Dichloropropane	9.275	63	28215	3.509	ug/L #	86
48) 2-Hexanone	10.927	43	7868	2.444	ug/L #	69
55) Styrene	12.183	104	30862	1.319	ug/L	99
60) Isopropylbenzene	12.469	105	362120	12.673	ug/L #	1

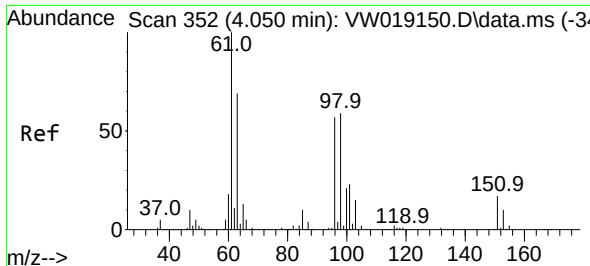
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 09 01:05:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 09 01:04:22 2021
Response via : Initial Calibration

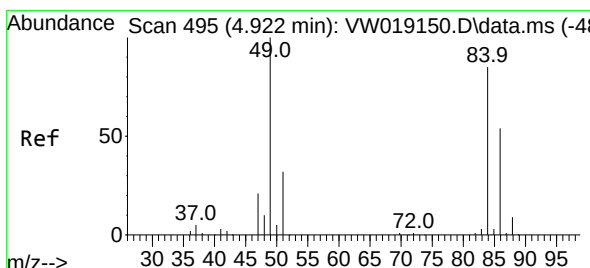
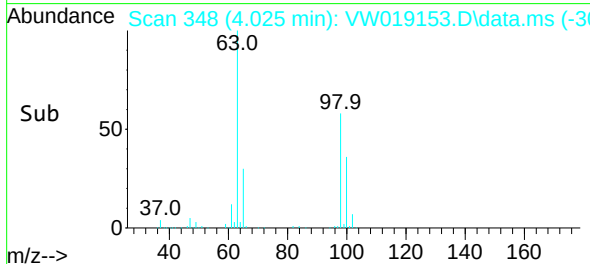
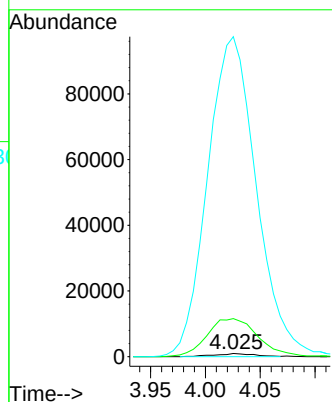
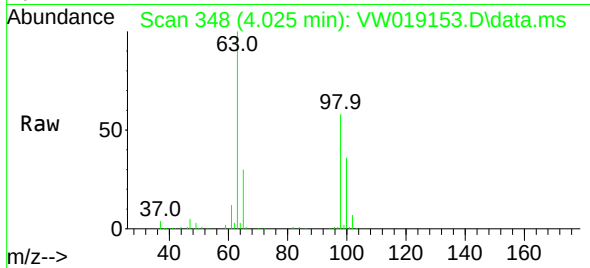




#12
1,1-Dichloroethene
Concen: 0.280 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.024 min
Lab File: VW019153.D
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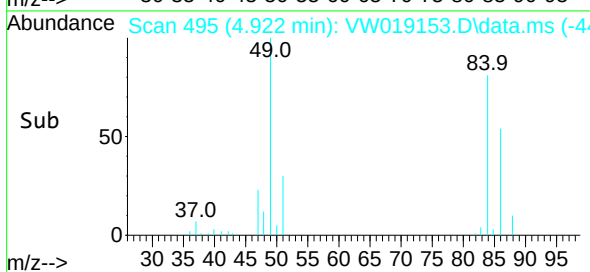
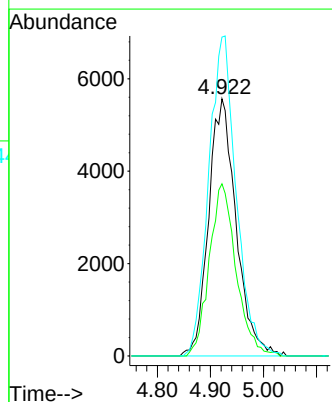
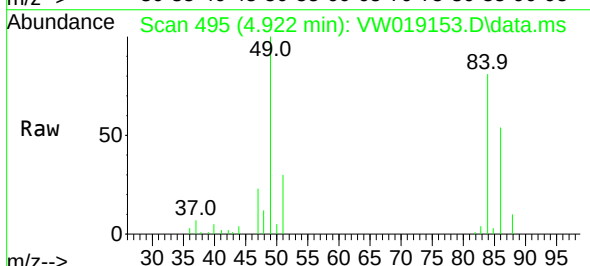
Instrument :
MSVOA_W
ClientSampled :

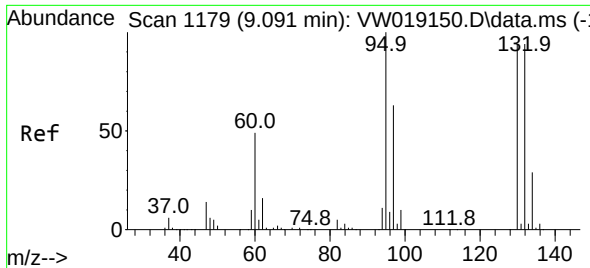
Tgt Ion: 96 Resp: 2438
Ion Ratio Lower Upper
96 100
61 1196.6 118.1 219.3#
63 10042.9 83.7 155.5#



#16
Methylene chloride
Concen: 1.757 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019153.D
Acq: 08 Jun 2021 12:52

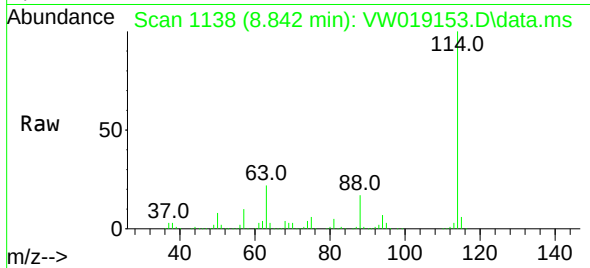
Tgt Ion: 84 Resp: 20019
Ion Ratio Lower Upper
84 100
86 67.0 45.3 84.1
49 124.1 86.6 160.8



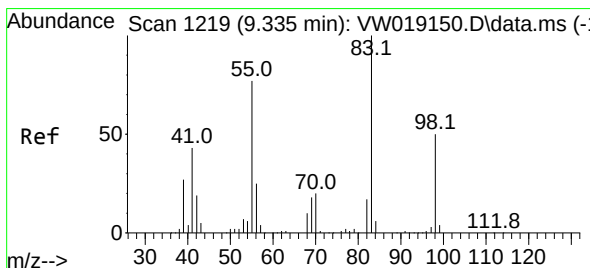
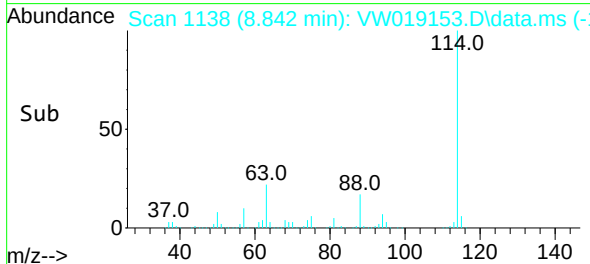
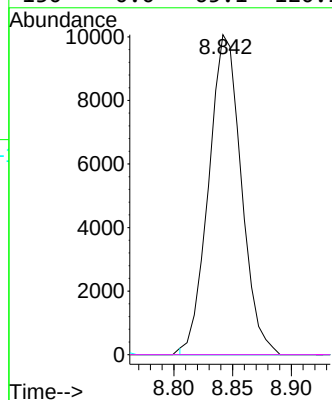


#34
Trichloroethene
Concen: 2.278 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019153.D
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Instrument :
MSVOA_W
ClientSampled :

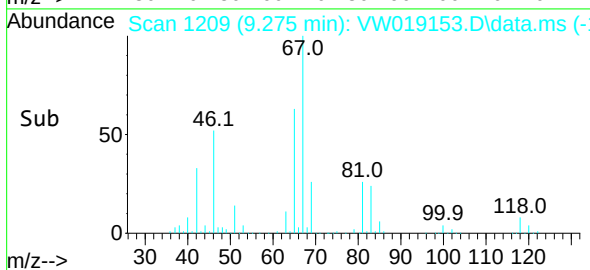
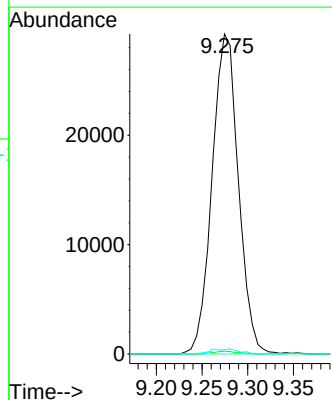
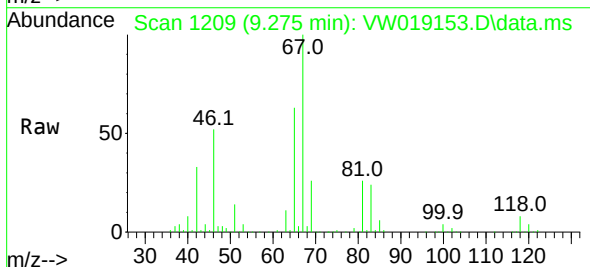


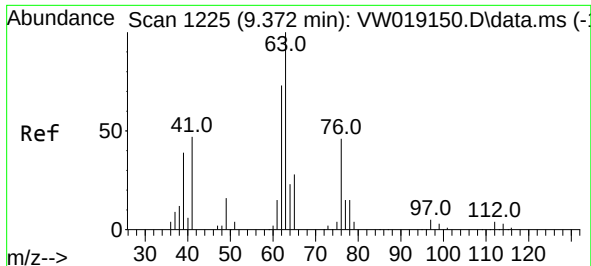
Tgt Ion: 95 Resp: 19438
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#



#35
Methylcyclohexane
Concen: 3.987 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019153.D
Acq: 08 Jun 2021 12:52

Tgt Ion: 83 Resp: 58537
Ion Ratio Lower Upper
83 100
55 0.6 58.9 88.3#
98 1.0 40.1 60.1#

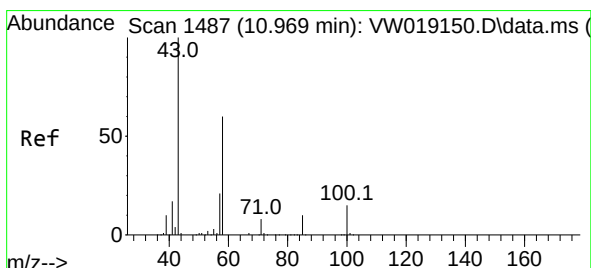
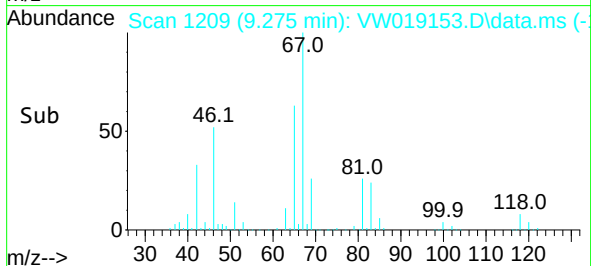
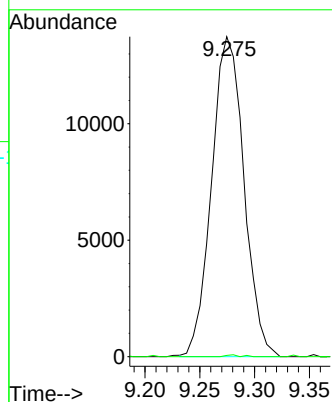
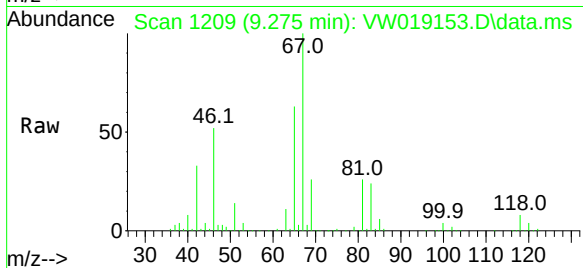




#37
1,2-Dichloropropane
Concen: 3.509 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019153.D
Acq: 08 Jun 2021 12:52

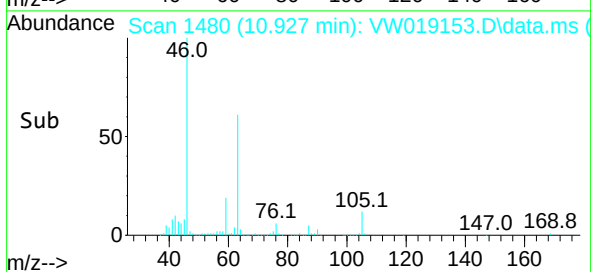
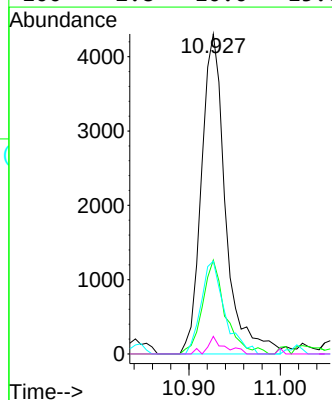
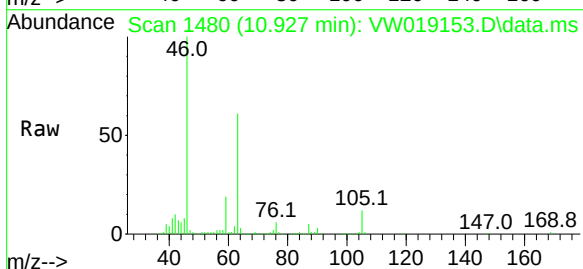
Instrument :
MSVOA_W
ClientSampled :

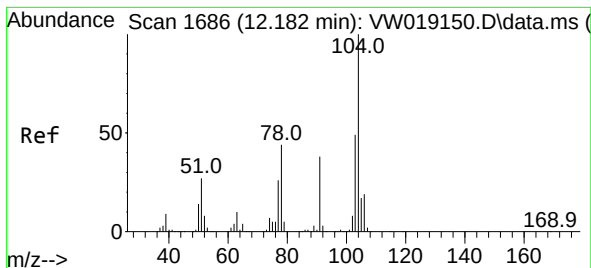
Tgt Ion: 63 Resp: 28215
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#



#48
2-Hexanone
Concen: 2.444 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019153.D
Acq: 08 Jun 2021 12:52

Tgt Ion: 43 Resp: 7868
Ion Ratio Lower Upper
43 100
58 27.1 42.7 64.1#
57 28.3 15.8 23.8#
100 2.8 10.0 15.0#





#55

Styrene

Concen: 1.319 ug/L

RT: 12.183 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW019153.D

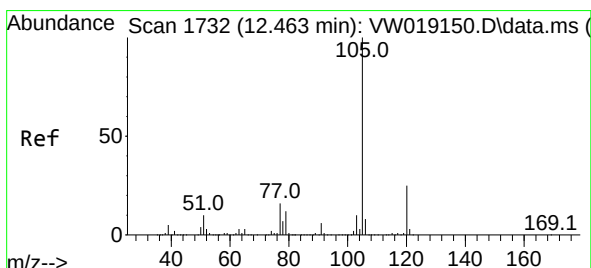
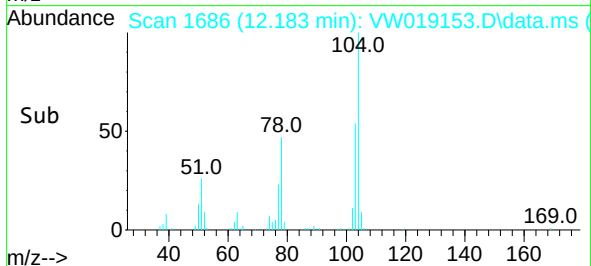
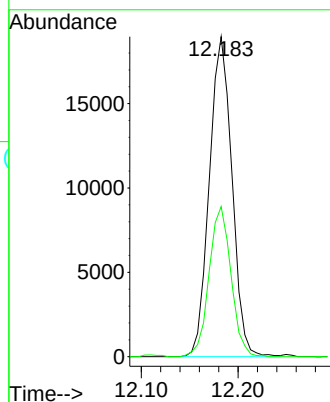
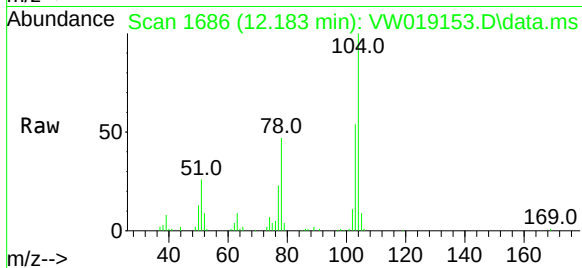
Acq: 08 Jun 2021 12:52

Tgt Ion:104 Resp: 30862

Ion Ratio Lower Upper

104 100

78 46.9 32.5 60.3



#60

Isopropylbenzene

Concen: 12.673 ug/L

RT: 12.469 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VW019153.D

Acq: 08 Jun 2021 12:52

Tgt Ion:105 Resp: 362120

Ion Ratio Lower Upper

105 100

120 5.6 21.1 31.7#

77 294.8 13.2 19.8#

