

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019952.D
 Acq On : 31 Aug 2021 12:36
 Operator : SY/VA
 Sample : M3579-13
 Misc : 6.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B5

Quant Time: Sep 01 01:03:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 01 00:59:56 2021
 Response via : Initial Calibration

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

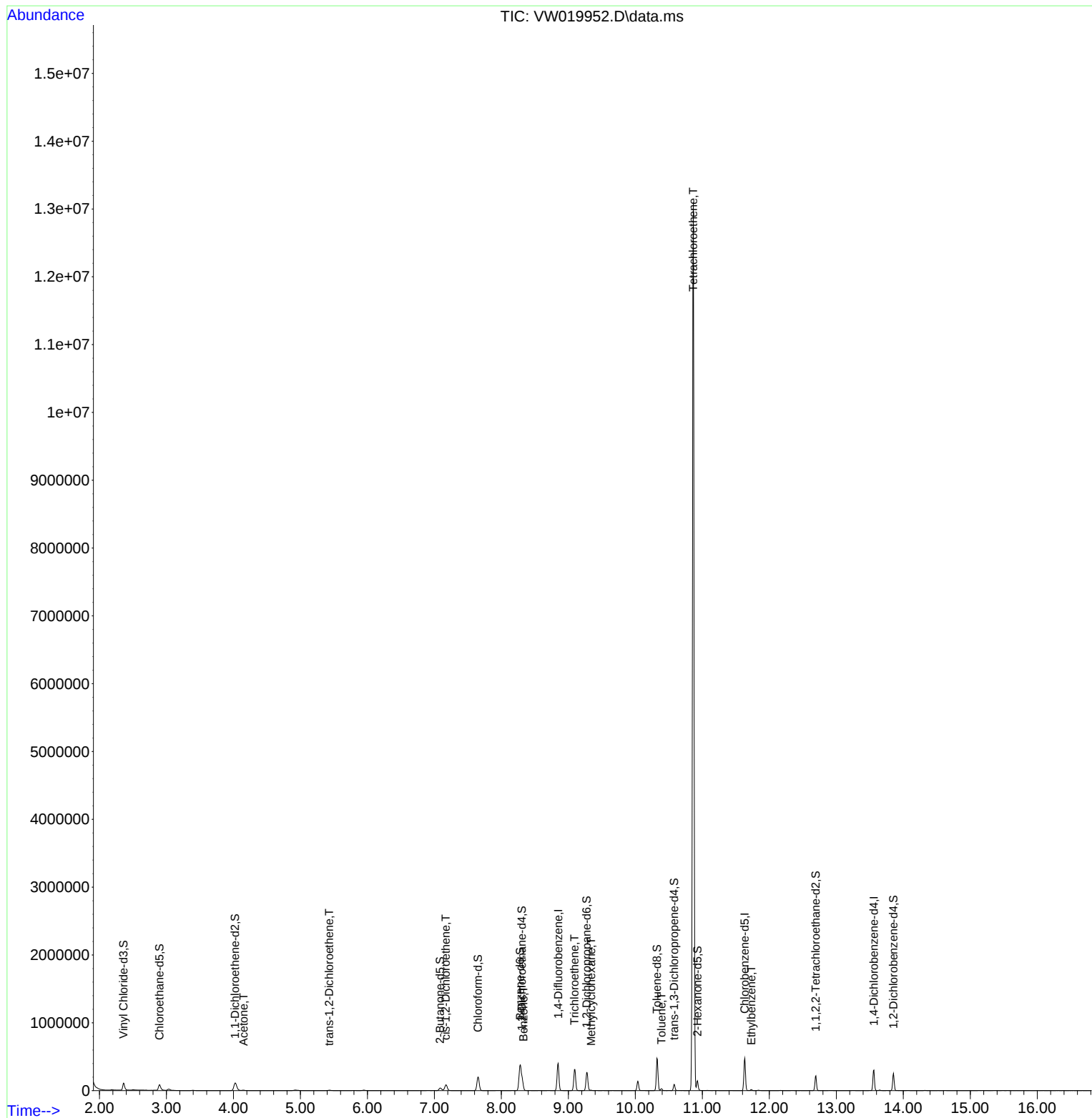
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	331841	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	255833	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	80475	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	110904	21.570	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	86.280%	
7) Chloroethane-d5	2.897	69	109499	24.264	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	97.040%	
11) 1,1-Dichloroethene-d2	4.025	63	124350	13.938	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	55.760%	
21) 2-Butanone-d5	7.086	46	66132	63.323	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	126.640%	
24) Chloroform-d	7.653	84	205621	22.531	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	90.120%	
26) 1,2-Dichloroethane-d4	8.305	65	127022	25.828	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	103.320%	
32) Benzene-d6	8.281	84	395815	27.135	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	108.520%	
36) 1,2-Dichloropropane-d6	9.274	67	127267	28.811	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	115.240%	
41) Toluene-d8	10.323	98	307951	23.037	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	92.160%	
43) trans-1,3-Dichloroprop...	10.579	79	51428	28.181	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	112.720%	
47) 2-Hexanone-d5	10.927	63	51513	83.710	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	167.420%#	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	107066	29.780	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	119.120%	
66) 1,2-Dichlorobenzene-d4	13.853	152	62963	22.809	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	91.240%	
Target Compounds					Qvalue	
13) Acetone	4.153	43	12504	14.025	ug/L	70
17) trans-1,2-Dichloroethene	5.427	96	3237	0.686	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	50158	10.498	ug/L	97
33) Benzene	8.329	78	5771	0.368	ug/L	100
34) Trichloroethene	9.091	95	111078	27.212	ug/L	95
35) Methylcyclohexane	9.341	83	1704	0.243	ug/L #	75
42) Toluene	10.390	91	20147	1.211	ug/L	94
46) Tetrachloroethene	10.866	164	2630096	850.617	ug/L	95
52) Ethylbenzene	11.731	91	10751	0.600	ug/L	95

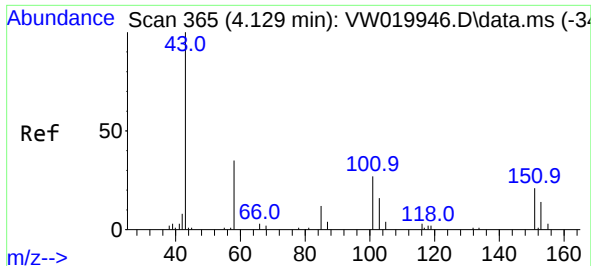
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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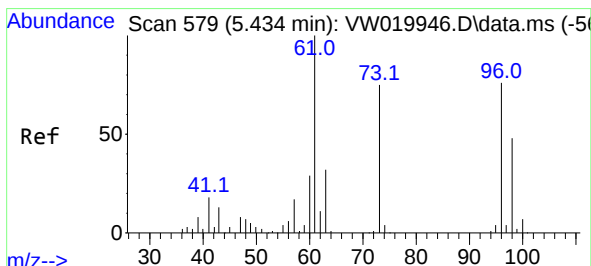
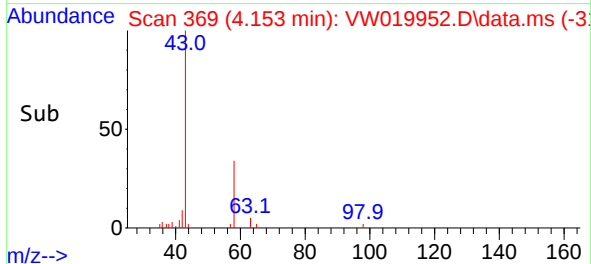
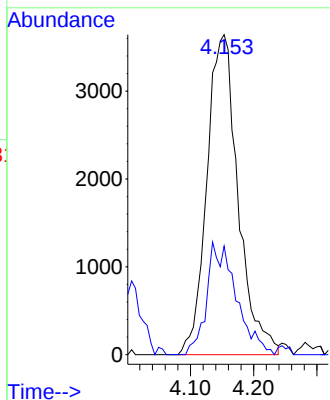
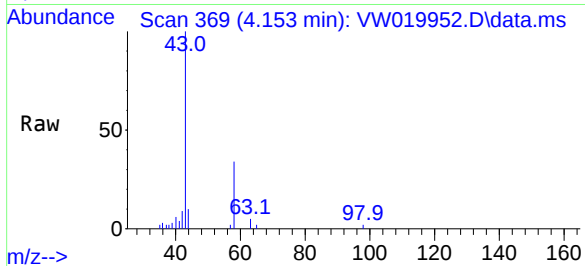




#13
Acetone
Concen: 14.025 ug/L
RT: 4.153 min Scan# 369
Delta R.T. 0.024 min
Lab File: VW019952.D
Acq: 31 Aug 2021 12:36

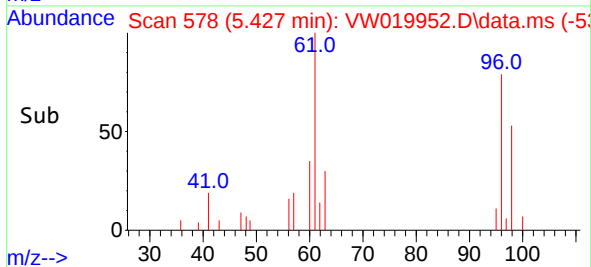
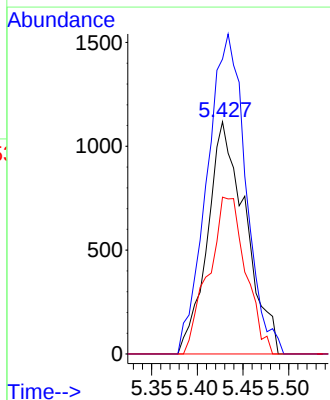
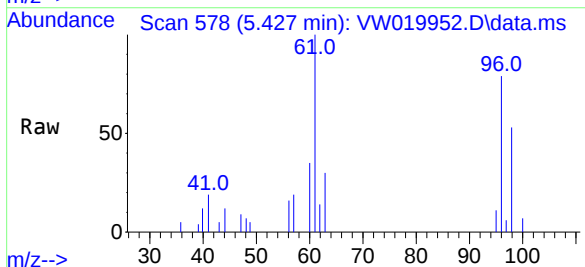
Instrument :
MSVOA_W
ClientSampled :
GB6B5

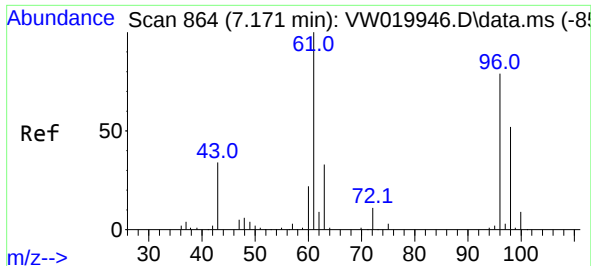
Tgt Ion: 43 Resp: 12504
Ion Ratio Lower Upper
43 100
58 11.5 0.0 53.8



#17
trans-1,2-Dichloroethene
Concen: 0.686 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019952.D
Acq: 31 Aug 2021 12:36

Tgt Ion: 96 Resp: 3237
Ion Ratio Lower Upper
96 100
61 127.0 98.3 182.7
98 67.5 46.1 85.7

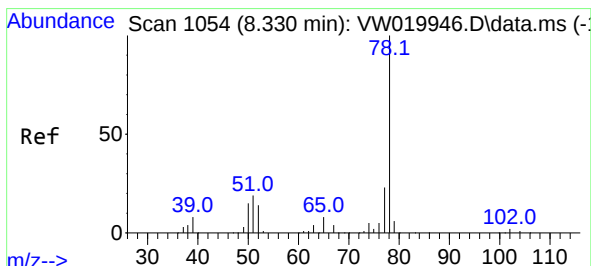
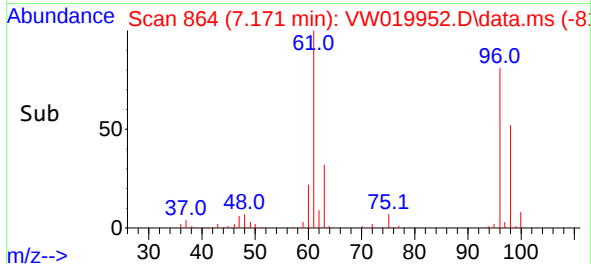
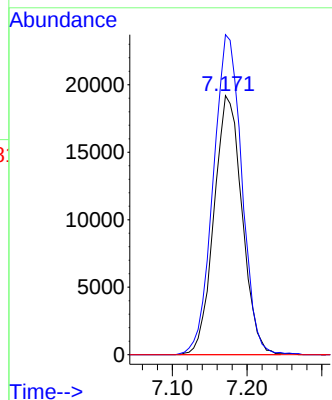
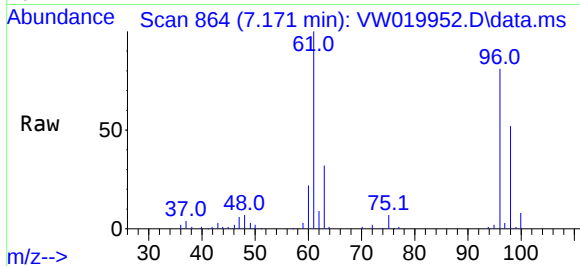




#20
cis-1,2-Dichloroethene
Concen: 10.498 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019952.D
Acq: 31 Aug 2021 12:36

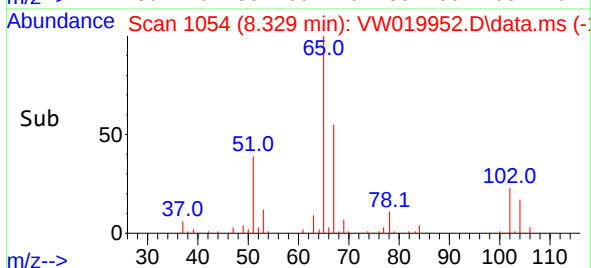
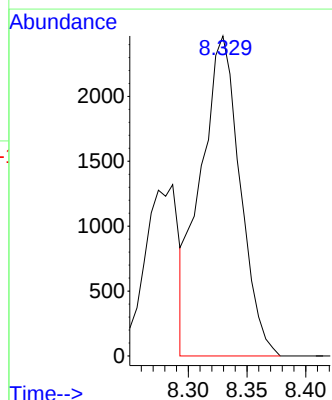
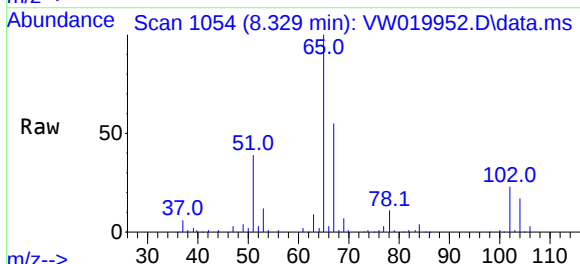
Instrument :
MSVOA_W
ClientSampleId :
GB6B5

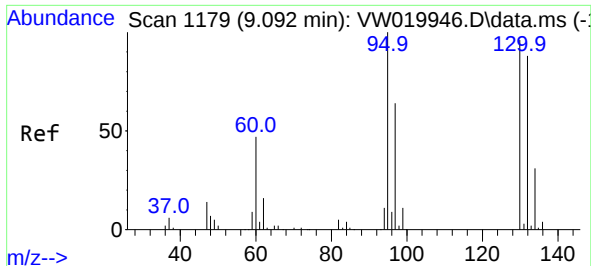
Tgt Ion: 96 Resp: 50158
Ion Ratio Lower Upper
96 100
61 123.5 88.5 164.3
68 0.0 0.0 0.0



#33
Benzene
Concen: 0.368 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW019952.D
Acq: 31 Aug 2021 12:36

Tgt Ion: 78 Resp: 5771

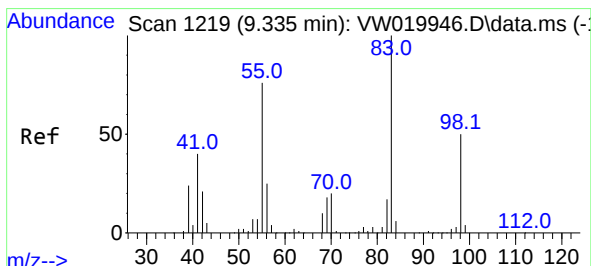
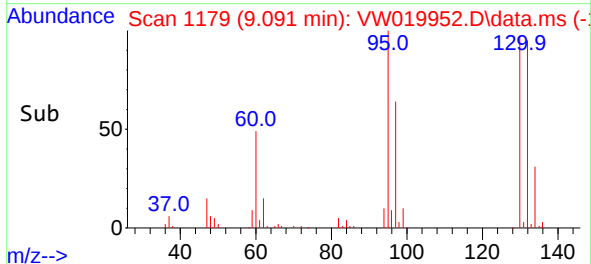
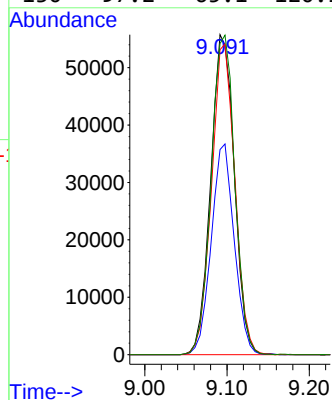
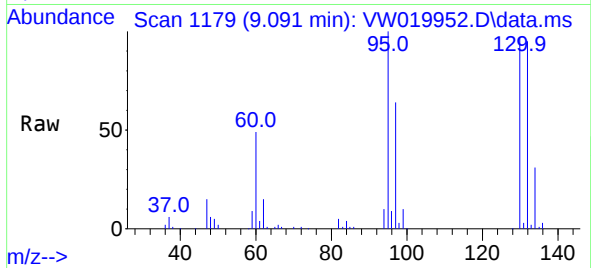




#34
Trichloroethene
Concen: 27.212 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019952.D
Acq: 31 Aug 2021 12:36

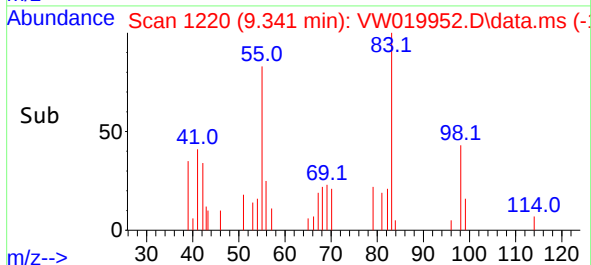
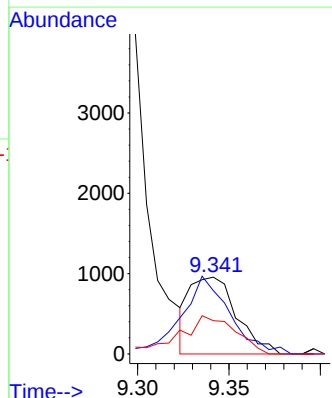
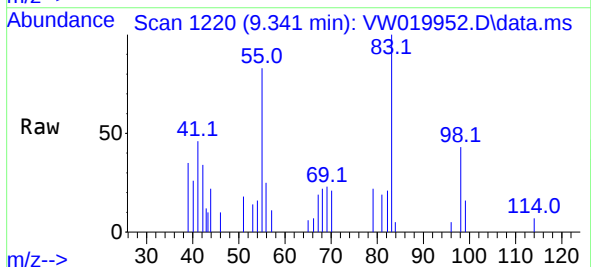
Instrument :
MSVOA_W
ClientSampled :
GB6B5

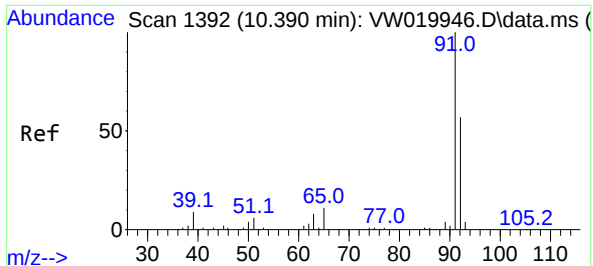
Tgt Ion: 95 Resp: 111078
Ion Ratio Lower Upper
95 100
97 64.1 47.3 87.8
132 95.3 71.0 131.8
130 97.2 65.1 120.9



#35
Methylcyclohexane
Concen: 0.243 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019952.D
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Tgt Ion: 83 Resp: 1704
Ion Ratio Lower Upper
83 100
55 103.9 58.9 88.3#
98 56.5 40.1 60.1

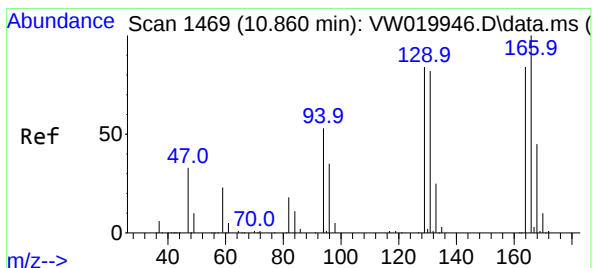
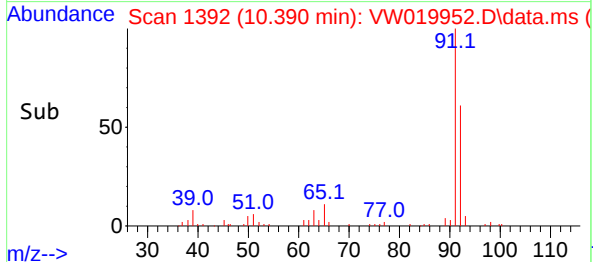
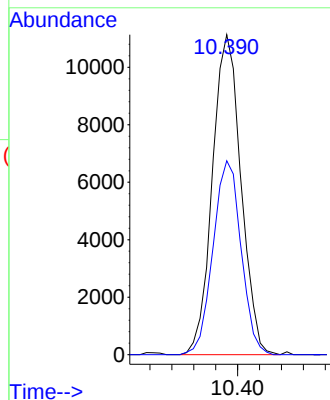
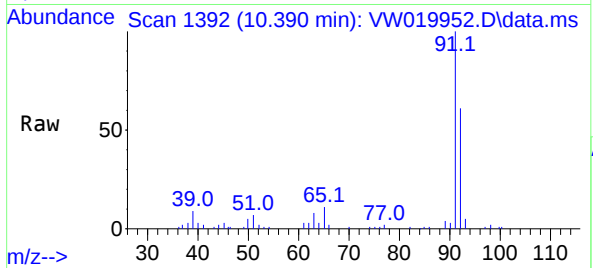




#42
Toluene
Concen: 1.211 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019952.D
Acq: 31 Aug 2021 12:36

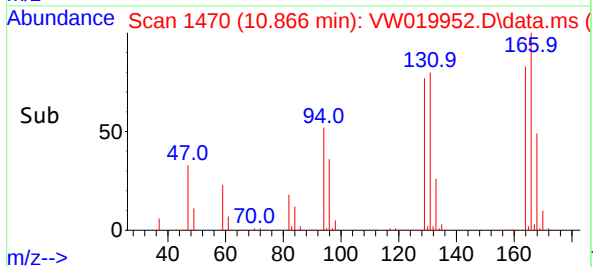
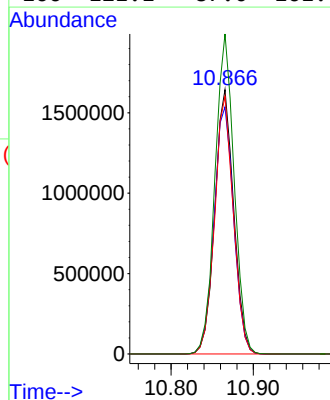
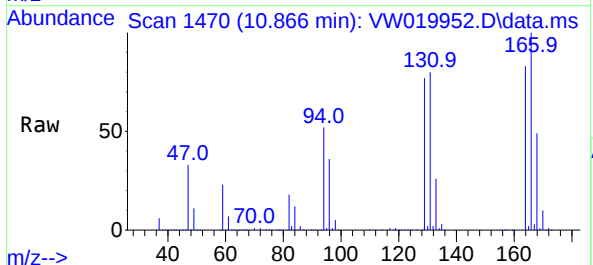
Instrument :
MSVOA_W
ClientSampled :
GB6B5

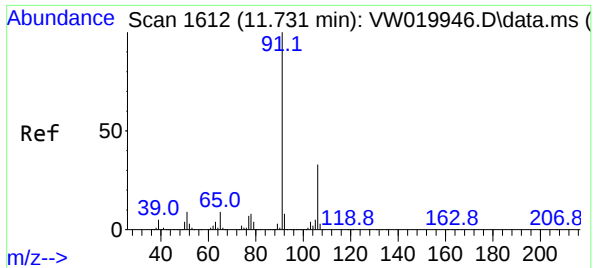
Tgt Ion: 91 Resp: 20147
Ion Ratio Lower Upper
91 100
92 60.6 39.5 73.3



#46
Tetrachloroethene
Concen: 850.617 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019952.D
Acq: 31 Aug 2021 12:36

Tgt Ion:164 Resp: 2630096
Ion Ratio Lower Upper
164 100
129 93.4 66.7 123.9
131 97.4 61.1 113.5
166 121.1 87.0 161.6





#52
Ethylbenzene
Concen: 0.600 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019952.D
Acq: 31 Aug 2021 12:36

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Tgt Ion: 91 Resp: 10751
Ion Ratio Lower Upper
91 100
106 35.2 22.5 41.7

