

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020153.D
 Acq On : 23 Sep 2021 18:01
 Operator : SY/VA
 Sample : M3834-10RE
 Misc : 4.35g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 01:44:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 01:36:59 2021
 Response via : Initial Calibration

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

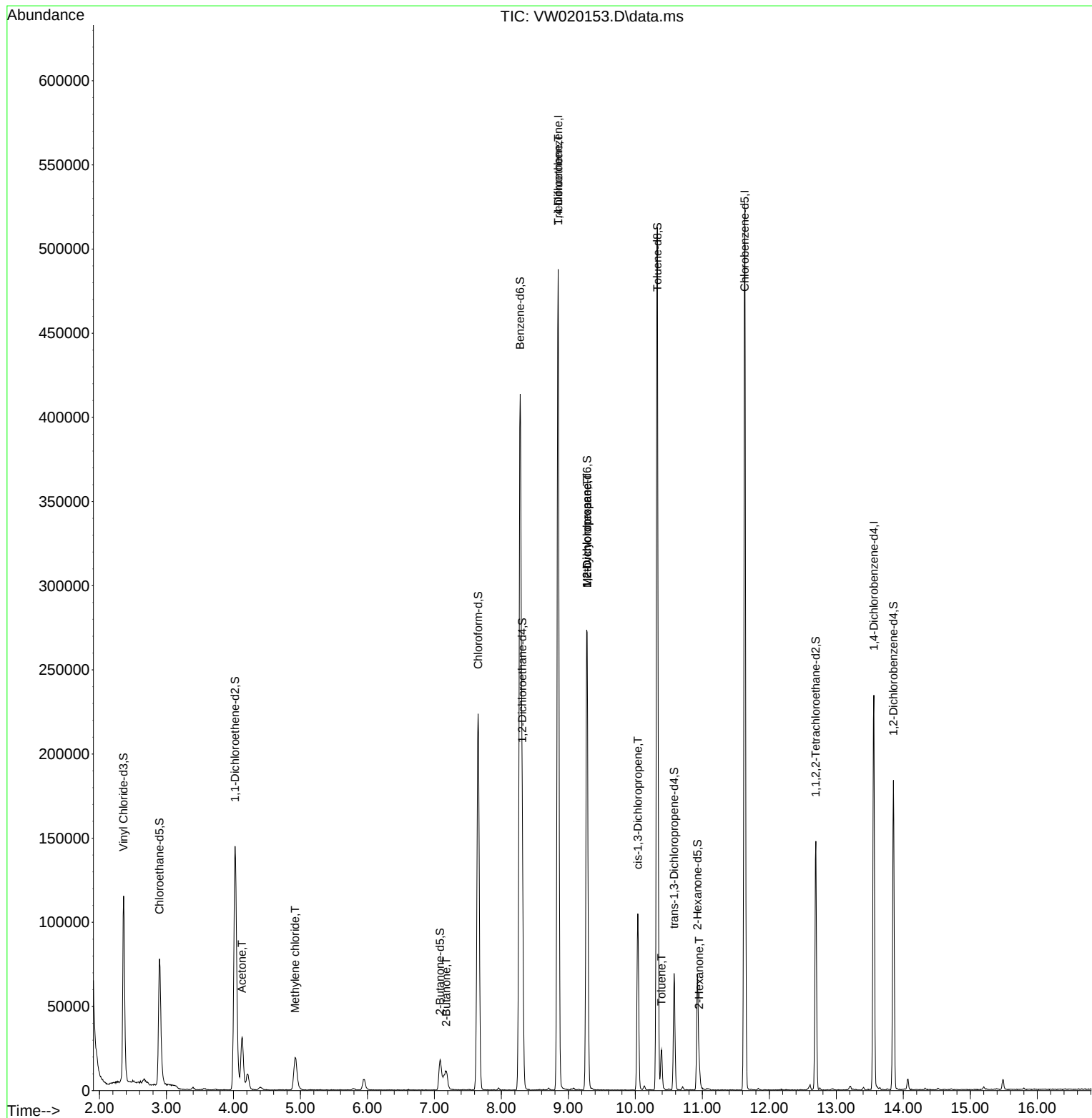
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	380351	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	276939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	57276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	132724	17.057	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.240%		
7) Chloroethane-d5	2.897	69	105822	18.053	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.200%		
11) 1,1-Dichloroethene-d2	4.025	63	159241	13.071	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.280%		
21) 2-Butanone-d5	7.086	46	28060	23.369	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	46.740%		
24) Chloroform-d	7.653	84	226436	18.930	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.720%		
26) 1,2-Dichloroethane-d4	8.311	65	117605	18.268	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.080%		
32) Benzene-d6	8.281	84	414916	23.484	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.920%		
36) 1,2-Dichloropropane-d6	9.280	67	123735	24.199	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.800%		
41) Toluene-d8	10.329	98	330060	20.531	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.120%		
43) trans-1,3-Dichloroprop...	10.579	79	37044	16.950	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.800%		
47) 2-Hexanone-d5	10.927	63	19304	27.280	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	54.560%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	69246	17.556	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	70.240%		
66) 1,2-Dichlorobenzene-d4	13.853	152	45256	21.072	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.280%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	54876	53.362	ug/L	99
16) Methylene chloride	4.922	84	15752	2.347	ug/L	99
22) 2-Butanone	7.177	43	21125	15.834	ug/L	85
34) Trichloroethene	8.848	95	11787	2.634	ug/L #	5
35) Methylcyclohexane	9.280	83	31923	4.379	ug/L #	19
37) 1,2-Dichloropropane	9.280	63	14997	3.623	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	2968	0.486	ug/L #	63
42) Toluene	10.390	91	16304	0.918	ug/L	99
48) 2-Hexanone	10.951	43	5709	3.931	ug/L #	39

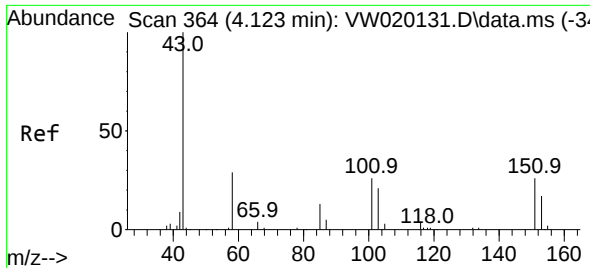
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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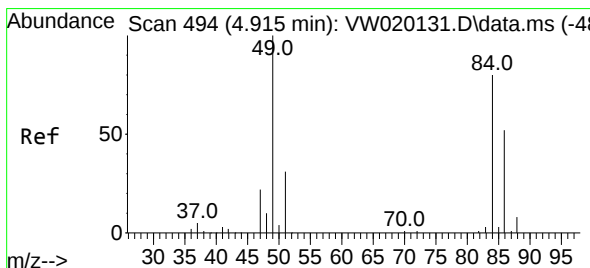
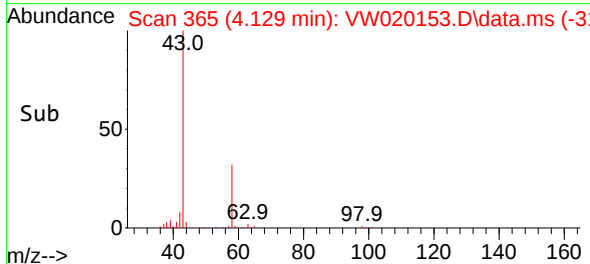
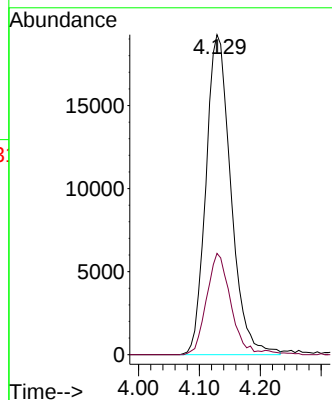
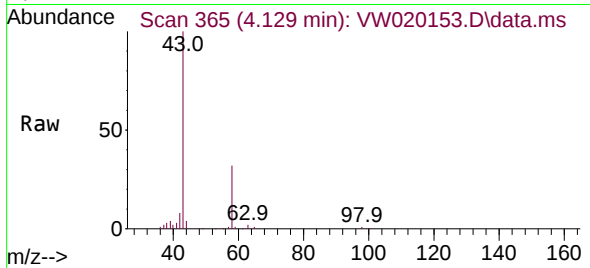




#13
Acetone
Concen: 53.362 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020153.D
Acq: 23 Sep 2021 18:01

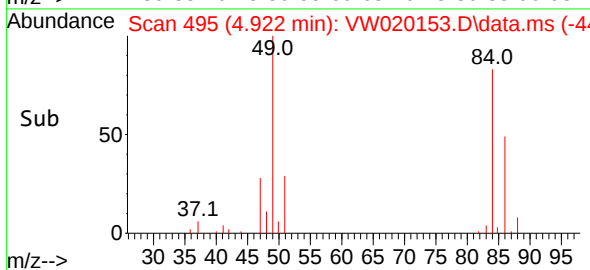
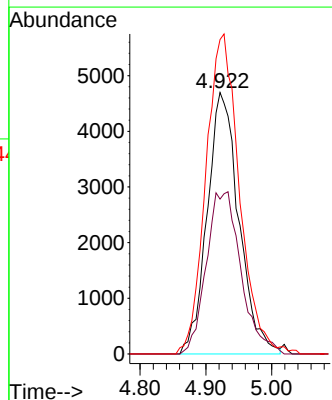
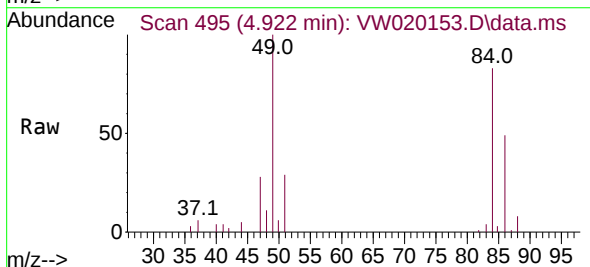
Instrument :
MSVOA_W
ClientSampled :

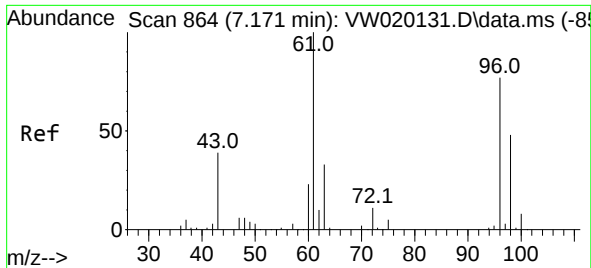
Tgt Ion: 43 Resp: 54876
Ion Ratio Lower Upper
43 100
58 30.1 0.0 61.6



#16
Methylene chloride
Concen: 2.347 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020153.D
Acq: 23 Sep 2021 18:01

Tgt Ion: 84 Resp: 15752
Ion Ratio Lower Upper
84 100
86 59.2 42.6 79.0
49 120.2 83.4 154.8

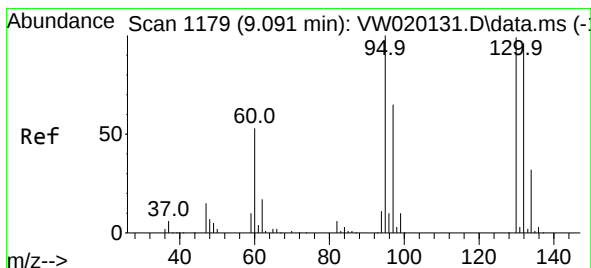
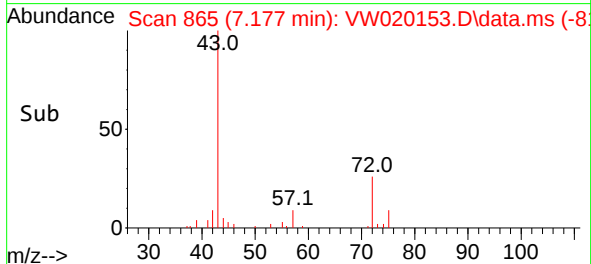
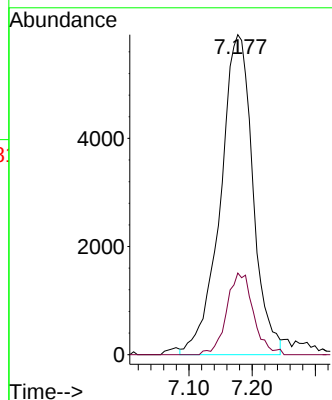
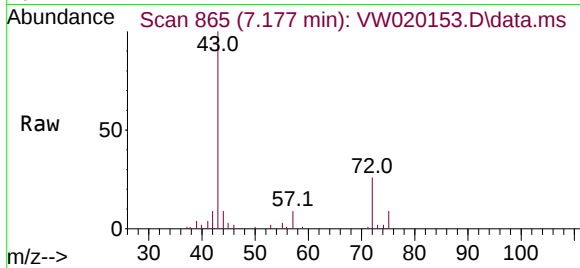




#22
2-Butanone
Concen: 15.834 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020153.D
Acq: 23 Sep 2021 18:01

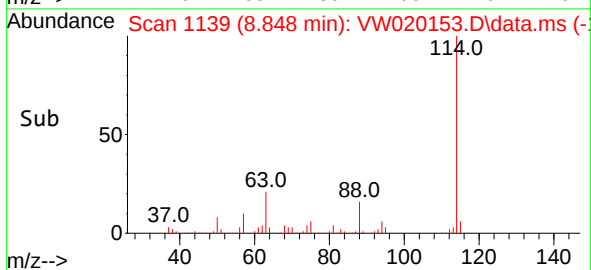
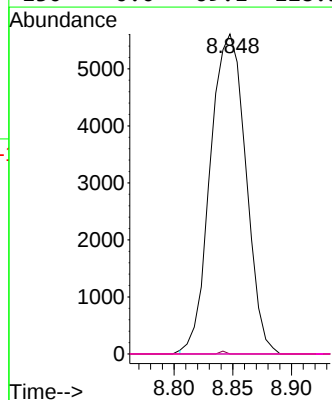
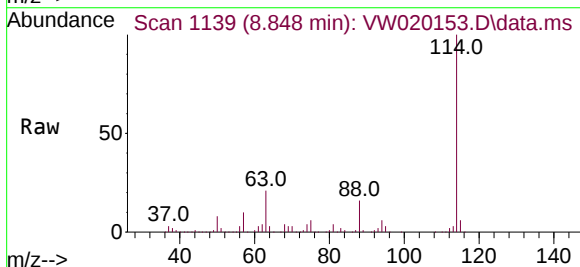
Instrument :
MSVOA_W
ClientSampled :

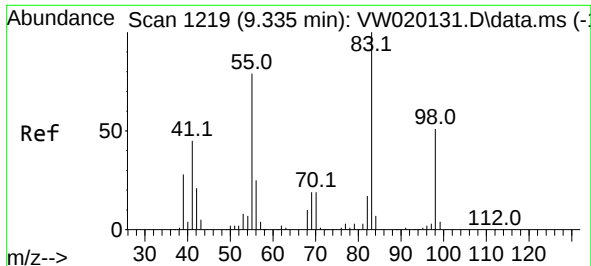
Tgt Ion: 43 Resp: 21125
Ion Ratio Lower Upper
43 100
72 20.2 14.1 42.2



#34
Trichloroethene
Concen: 2.634 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW020153.D
Acq: 23 Sep 2021 18:01

Tgt Ion: 95 Resp: 11787
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.7#
132 0.0 67.9 126.1#
130 0.0 69.1 128.3#

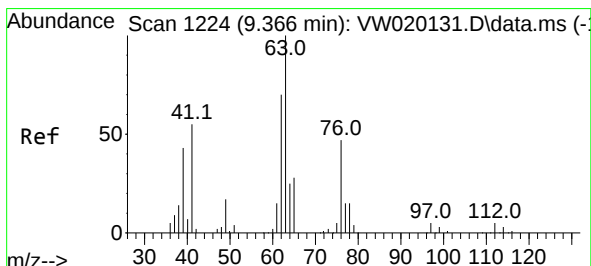
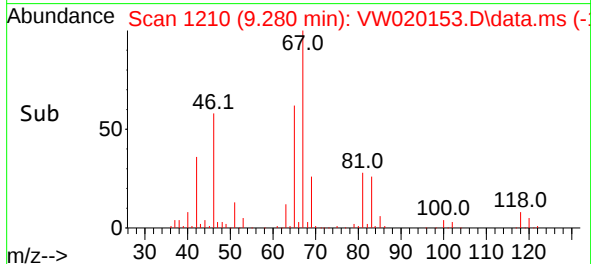
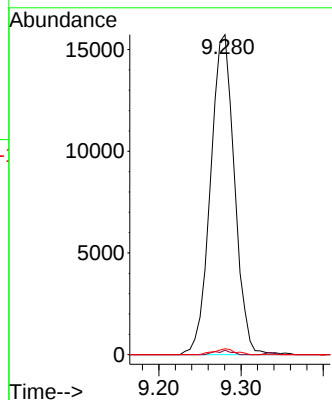
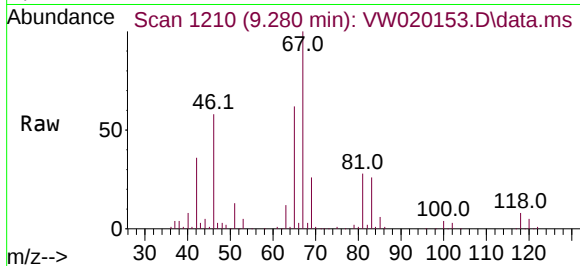




#35
Methylcyclohexane
Concen: 4.379 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW020153.D
Acq: 23 Sep 2021 18:01

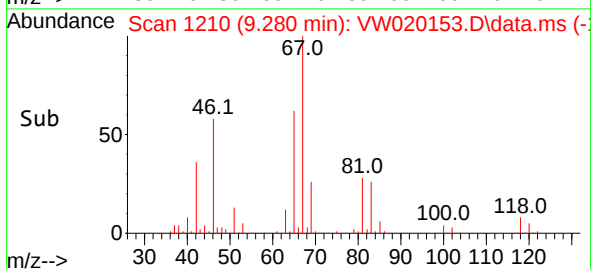
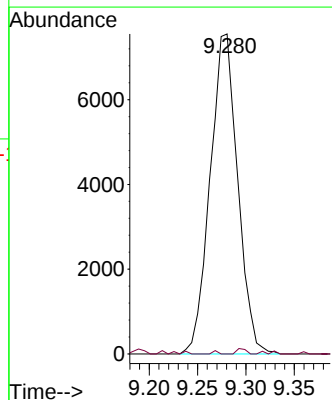
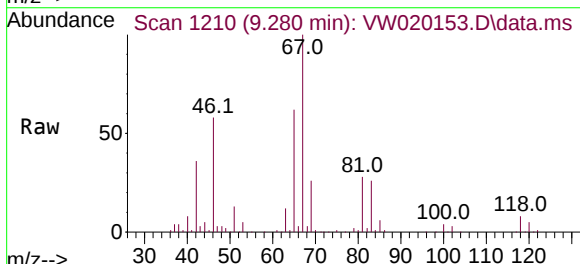
Instrument :
MSVOA_W
ClientSampled :

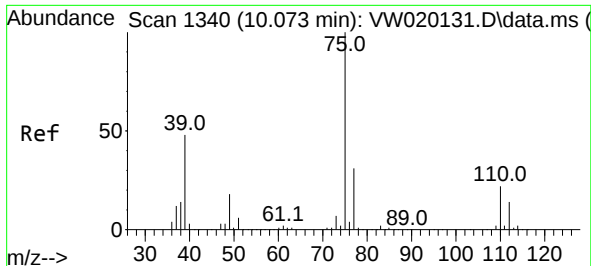
Tgt Ion: 83 Resp: 31923
Ion Ratio Lower Upper
83 100
55 0.5 61.4 92.2#
98 1.4 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 3.623 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW020153.D
Acq: 23 Sep 2021 18:01

Tgt Ion: 63 Resp: 14997
Ion Ratio Lower Upper
63 100
112 0.6 3.6 5.4#

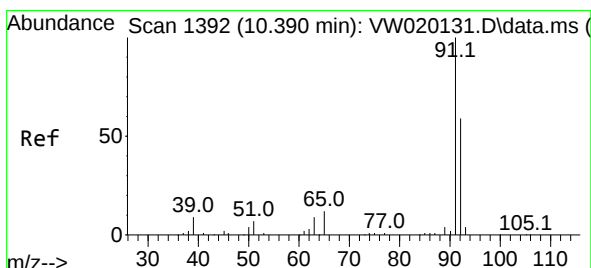
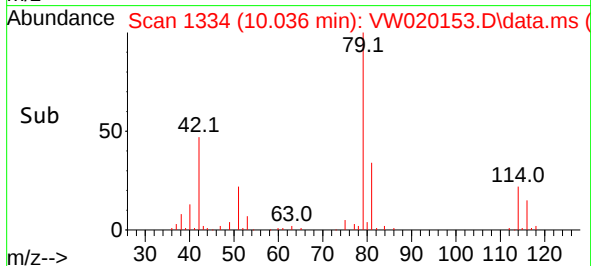
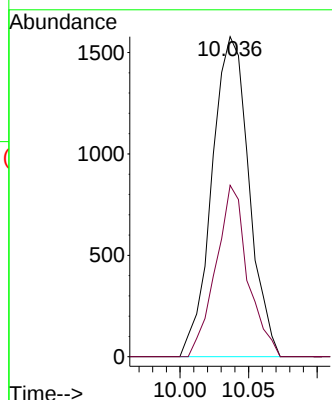
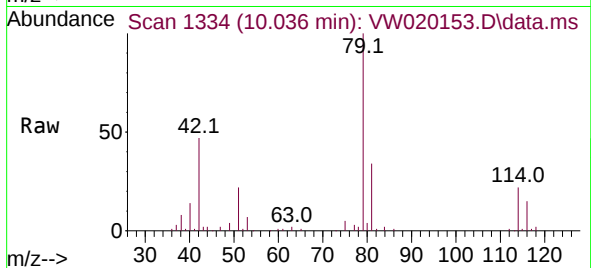




#39
 cis-1,3-Dichloropropene
 Concen: 0.486 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW020153.D
 Acq: 23 Sep 2021 18:01

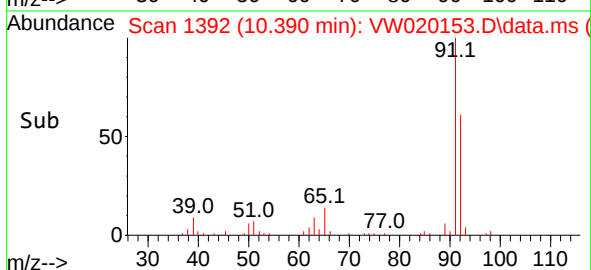
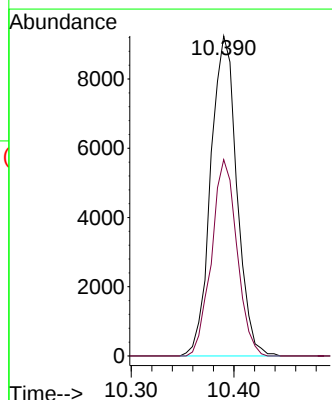
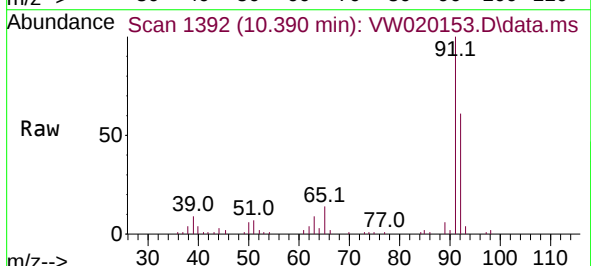
Instrument :
 MSVOA_W
 ClientSampled :

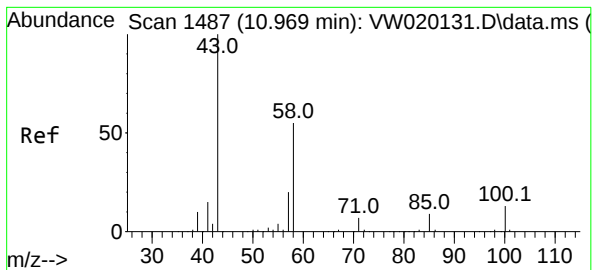
Tgt Ion: 75 Resp: 2968
 Ion Ratio Lower Upper
 75 100
 77 53.5 23.0 42.6#



#42
 Toluene
 Concen: 0.918 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW020153.D
 Acq: 23 Sep 2021 18:01

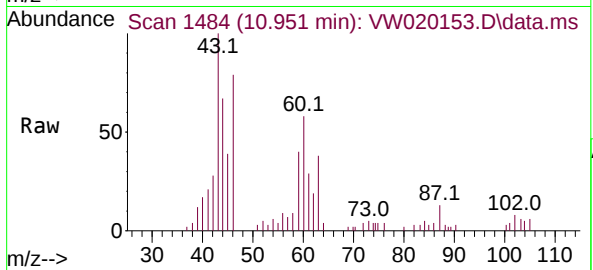
Tgt Ion: 91 Resp: 16304
 Ion Ratio Lower Upper
 91 100
 92 61.3 42.2 78.4





#48
 2-Hexanone
 Concen: 3.931 ug/L
 RT: 10.951 min Scan# 1484
 Delta R.T. -0.018 min
 Lab File: VW020153.D
 Acq: 23 Sep 2021 18:01

Instrument :
 MSVOA_W
 ClientSampled :



Tgt Ion:	43	Resp:	5709
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.8	65.6#
57	0.0	15.6	23.4#
100	2.0	10.5	15.7#

