

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020160.D
 Acq On : 23 Sep 2021 22:13
 Operator : SY/VA
 Sample : M3877-05
 Misc : 6.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 03:03:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 02:49:39 2021
 Response via : Initial Calibration

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

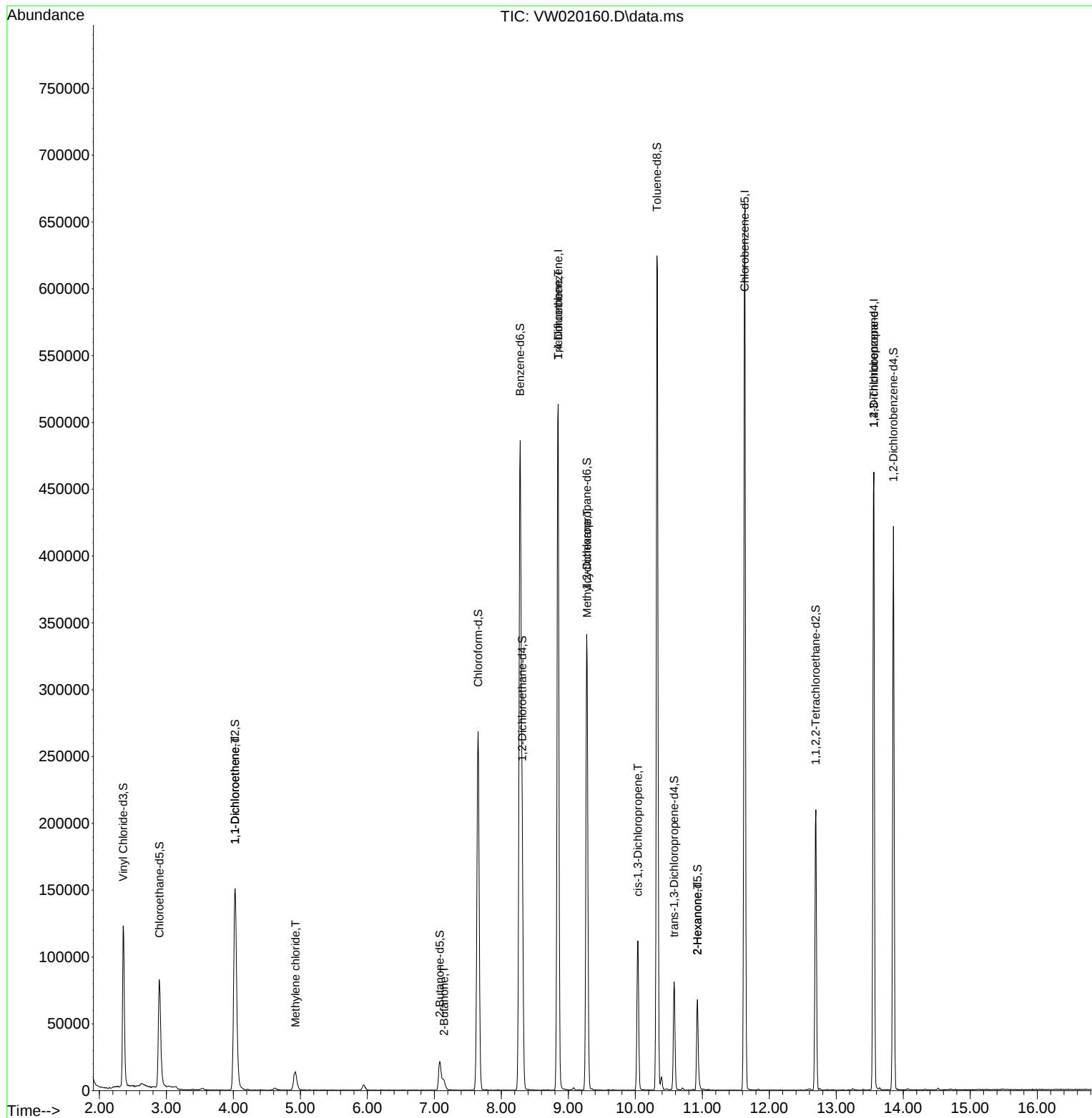
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	402285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	348002	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	113528	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	138569	16.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.360%
7) Chloroethane-d5	2.898	69	110919	17.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
11) 1,1-Dichloroethene-d2	4.025	63	170427	13.226	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.920%
21) 2-Butanone-d5	7.080	46	35323	27.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.620%
24) Chloroform-d	7.653	84	266933	21.099	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	8.311	65	146787	21.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.240%
32) Benzene-d6	8.281	84	478911	21.571	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.280%
36) 1,2-Dichloropropane-d6	9.275	67	152468	23.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	10.323	98	408184	20.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.840%
43) trans-1,3-Dichloroprop...	10.579	79	44319	16.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.560%
47) 2-Hexanone-d5	10.927	63	20291	22.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.640%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	102162	20.612	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	100651	23.644	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.560%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.025	96	1413	0.265	ug/L #	1
16) Methylene chloride	4.928	84	11707	1.649	ug/L	95
22) 2-Butanone	7.147	43	5525	3.915	ug/L #	47
34) Trichloroethene	8.848	95	12832	2.282	ug/L #	5
35) Methylcyclohexane	9.281	83	38774	4.233	ug/L #	19
39) cis-1,3-Dichloropropene	10.037	75	3180	0.414	ug/L #	68
48) 2-Hexanone	10.927	43	4417	2.420	ug/L #	69
61) 1,2,3-Trichloropropane	13.560	75	15217	7.099	ug/L #	69

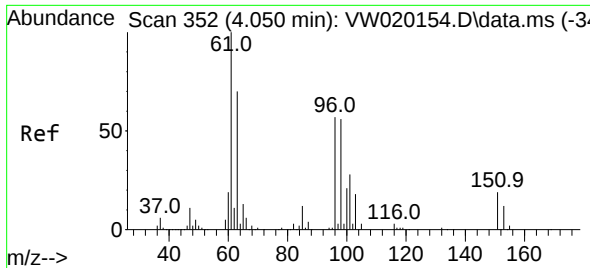
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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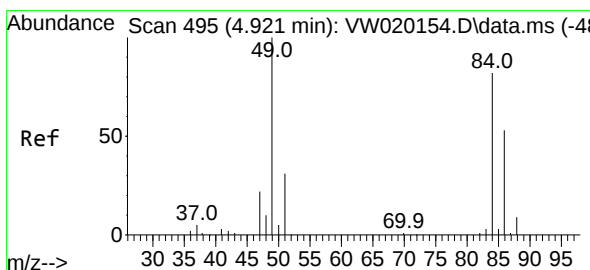
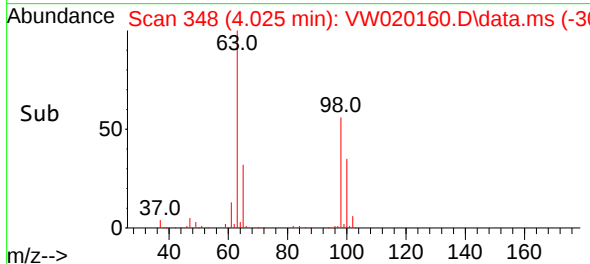
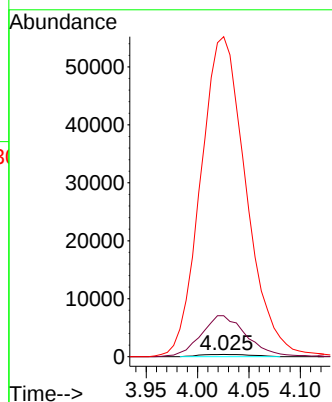
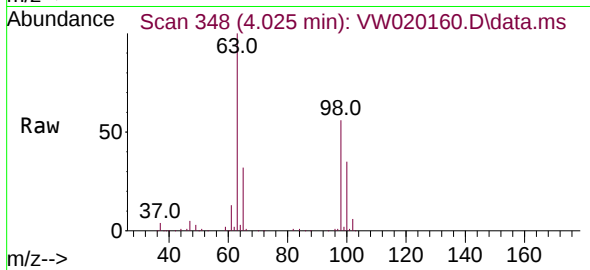




#12
1,1-Dichloroethene
Concen: 0.265 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.024 min
Lab File: VW020160.D
Acq: 23 Sep 2021 22:13

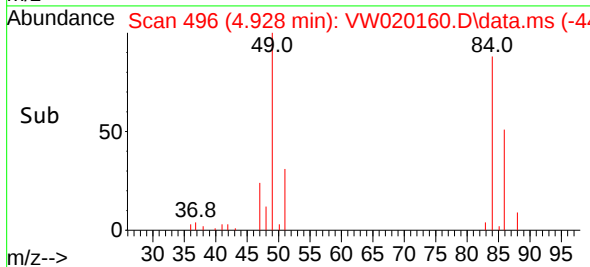
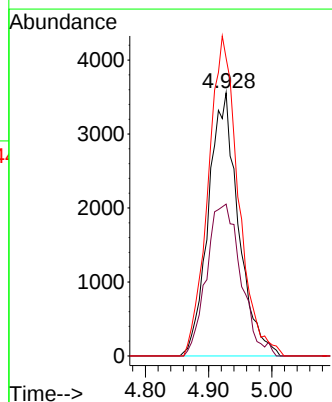
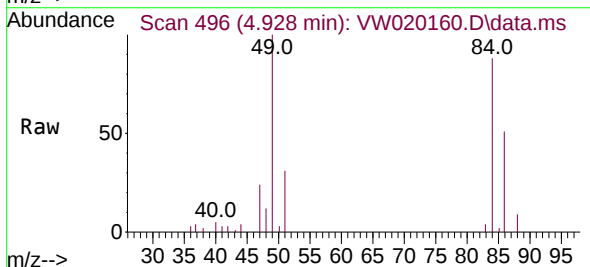
Instrument :
MSVOA_W
ClientSampled :

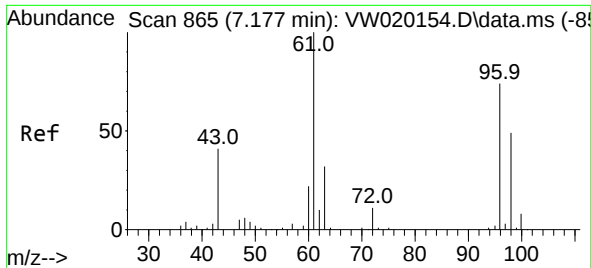
Tgt Ion: 96 Resp: 1413
Ion Ratio Lower Upper
96 100
61 1872.4 126.1 234.3#
63 14646.2 112.6 209.0#



#16
Methylene chloride
Concen: 1.649 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW020160.D
Acq: 23 Sep 2021 22:13

Tgt Ion: 84 Resp: 11707
Ion Ratio Lower Upper
84 100
86 57.7 42.6 79.0
49 113.1 83.4 154.8

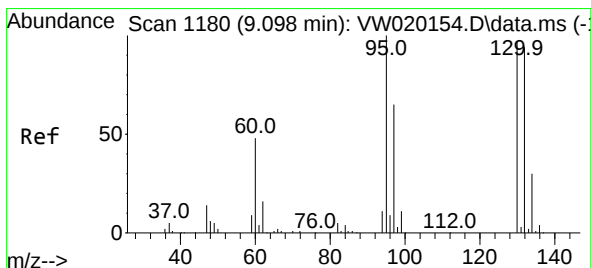
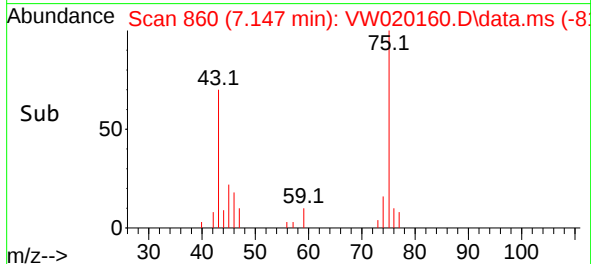
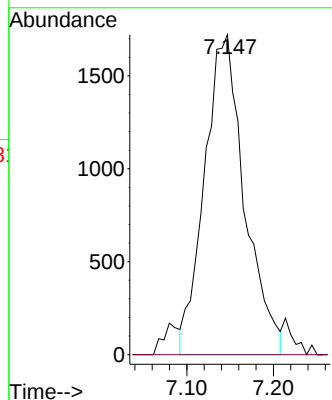
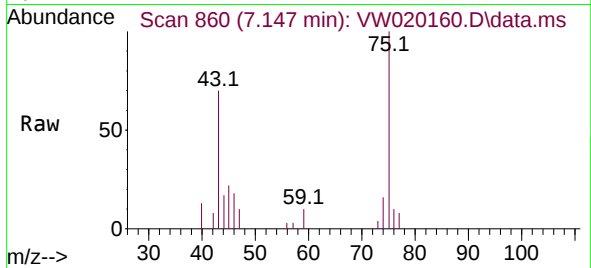




#22
2-Butanone
Concen: 3.915 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.030 min
Lab File: VW020160.D
Acq: 23 Sep 2021 22:13

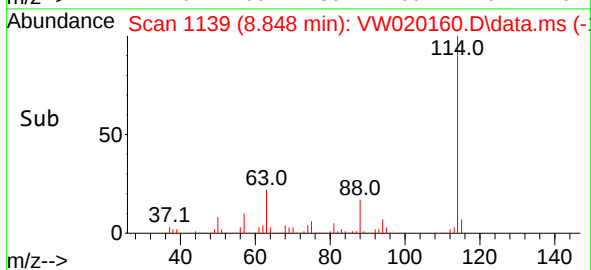
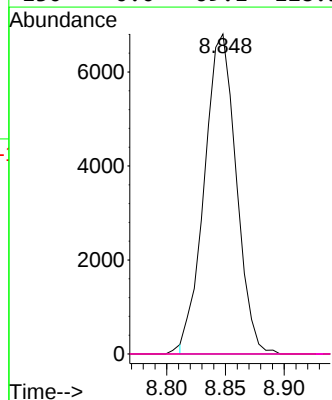
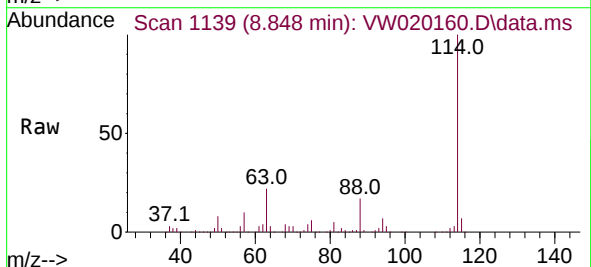
Instrument :
MSVOA_W
ClientSampled :

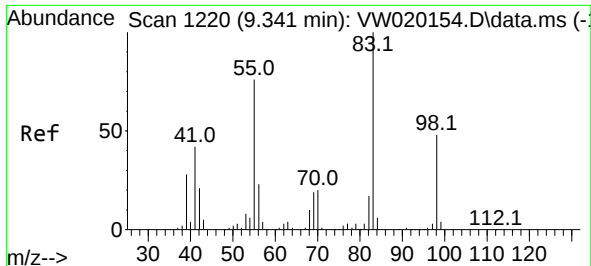
Tgt Ion: 43 Resp: 5525
Ion Ratio Lower Upper
43 100
72 0.0 14.1 42.2#



#34
Trichloroethene
Concen: 2.282 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.250 min
Lab File: VW020160.D
Acq: 23 Sep 2021 22:13

Tgt Ion: 95 Resp: 12832
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#

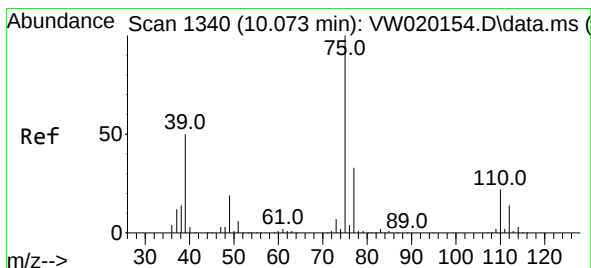
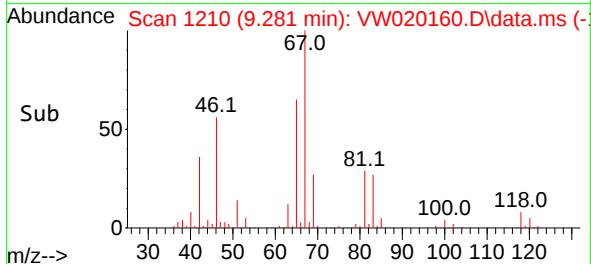
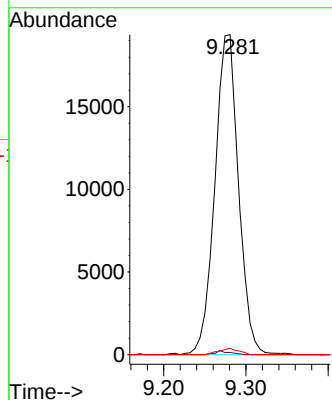
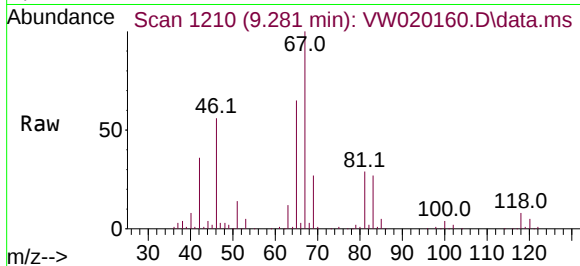




#35
Methylcyclohexane
Concen: 4.233 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.061 min
Lab File: VW020160.D
Acq: 23 Sep 2021 22:13

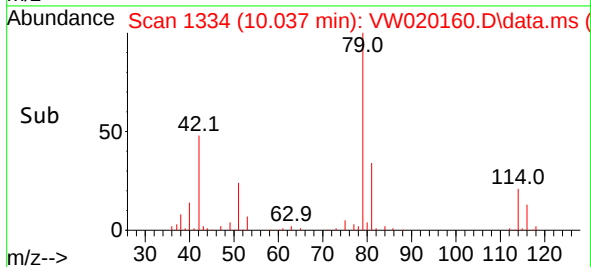
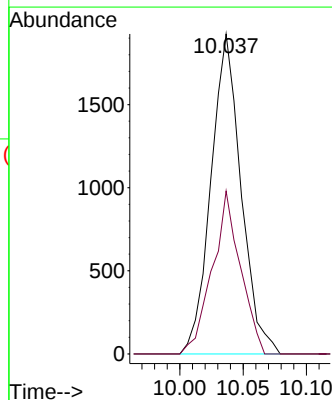
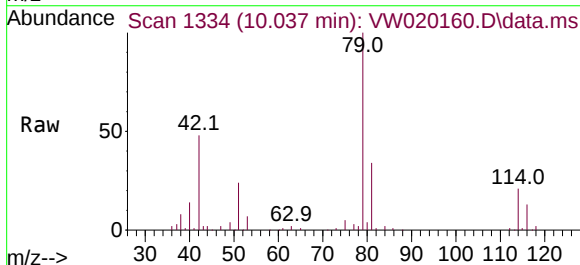
Instrument :
MSVOA_W
ClientSampleId :

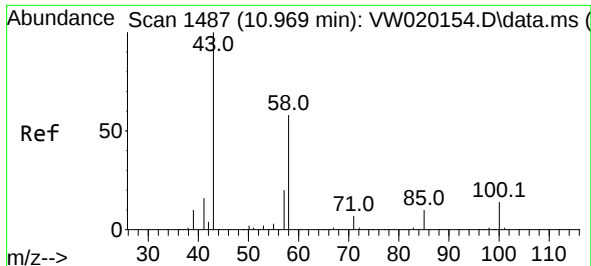
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	61.4	92.2#
98	1.7	38.1	57.1#



#39
cis-1,3-Dichloropropene
Concen: 0.414 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW020160.D
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	50.9	23.0	42.6#

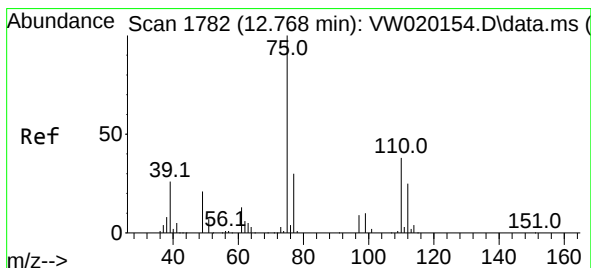
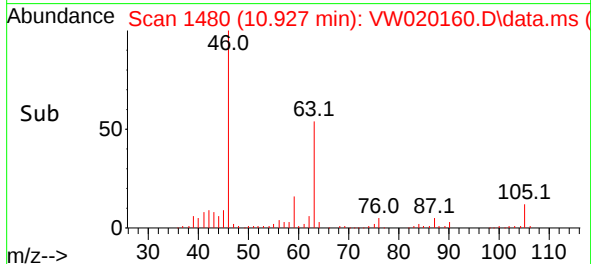
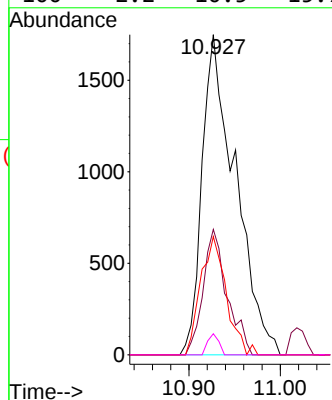
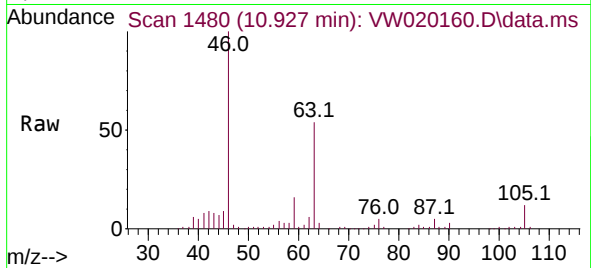




#48
2-Hexanone
Concen: 2.420 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW020160.D
Acq: 23 Sep 2021 22:13

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 43	Resp: 4417
Ion Ratio	Lower Upper
43 100	
58 28.1	43.8 65.6#
57 27.9	15.6 23.4#
100 2.2	10.5 15.7#



#61
1,2,3-Trichloropropane
Concen: 7.099 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW020160.D
Acq: 23 Sep 2021 22:13

Tgt Ion: 75	Resp: 15217
Ion Ratio	Lower Upper
75 100	
77 33.4	26.3 39.5
110 3.0	30.2 45.2#

