

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020147.D
 Acq On : 23 Sep 2021 15:37
 Operator : SY/VA
 Sample : M3834-09
 Misc : 4.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 01:42:55 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)

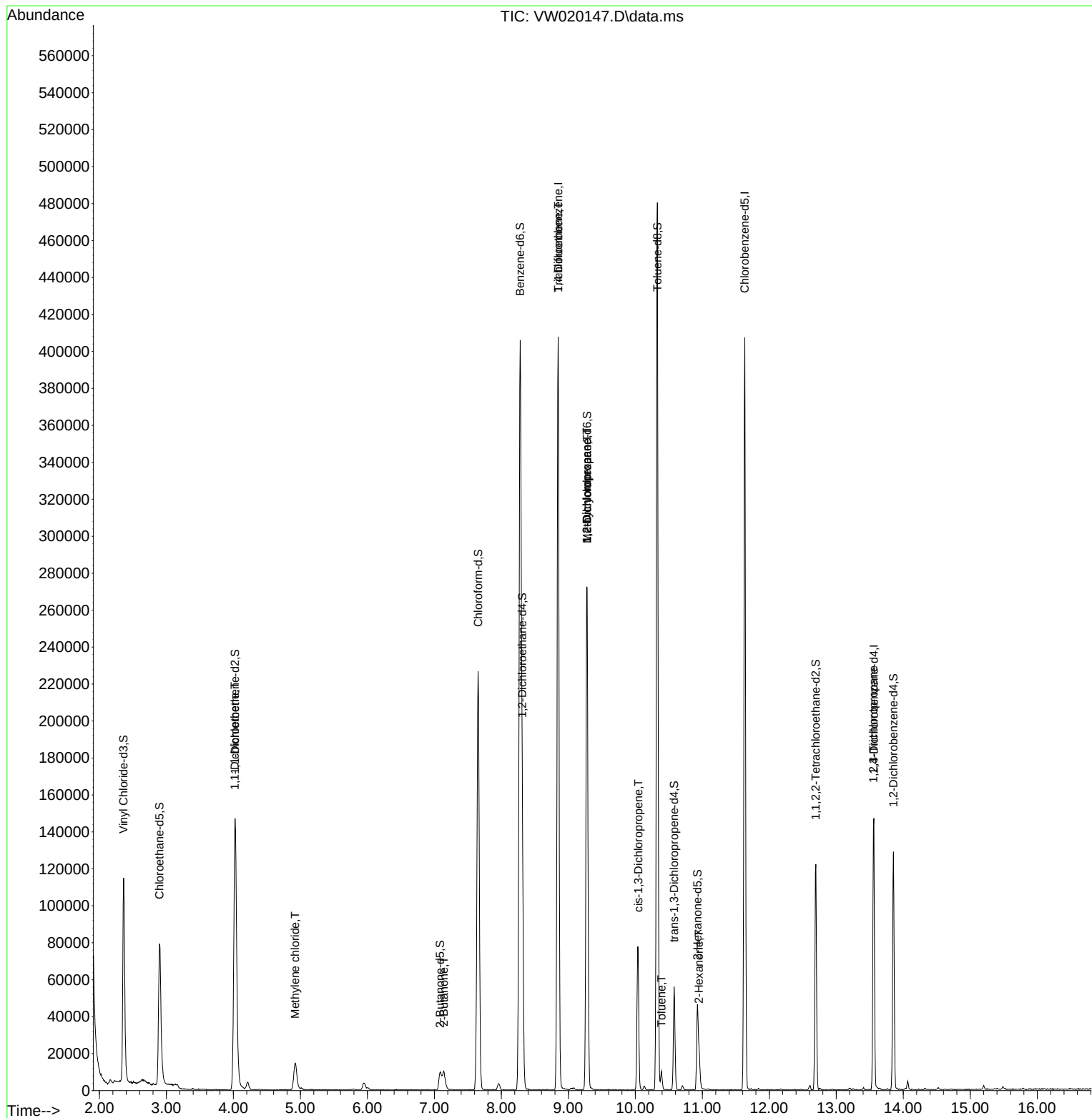
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	319696	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	215410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	37294	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	134040	20.494	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	81.960%	
7) Chloroethane-d5	2.898	69	109271	22.178	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	88.720%	
11) 1,1-Dichloroethene-d2	4.025	63	161250	15.747	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	63.000%	
21) 2-Butanone-d5	7.086	46	16402	16.252	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	32.500%	
24) Chloroform-d	7.653	84	225053	22.384	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	89.520%	
26) 1,2-Dichloroethane-d4	8.311	65	115733	21.387	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	85.560%	
32) Benzene-d6	8.281	84	409863	29.824	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	119.280%	
36) 1,2-Dichloropropane-d6	9.281	67	123689	31.099	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	124.400%#	
41) Toluene-d8	10.329	98	308465	24.668	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	98.680%	
43) trans-1,3-Dichloroprop...	10.579	79	29902	17.590	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	70.360%	
47) 2-Hexanone-d5	10.927	63	13111	23.821	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	47.640%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	60000	19.557	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	78.240%	
66) 1,2-Dichlorobenzene-d4	13.853	152	31365	22.429	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	89.720%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.019	96	1166	0.275	ug/L #	1
16) Methylene chloride	4.922	84	11566	2.050	ug/L	92
22) 2-Butanone	7.141	43	8748	7.801	ug/L #	47
34) Trichloroethene	8.848	95	9840	2.827	ug/L #	5
35) Methylcyclohexane	9.281	83	31742	5.598	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	14673	4.557	ug/L #	88
39) cis-1,3-Dichloropropene	10.043	75	2288	0.482	ug/L #	75
42) Toluene	10.390	91	6443	0.466	ug/L	89
48) 2-Hexanone	10.951	43	10010	8.861	ug/L #	50
61) 1,2,3-Trichloropropane	13.554	75	4923	6.991	ug/L #	68

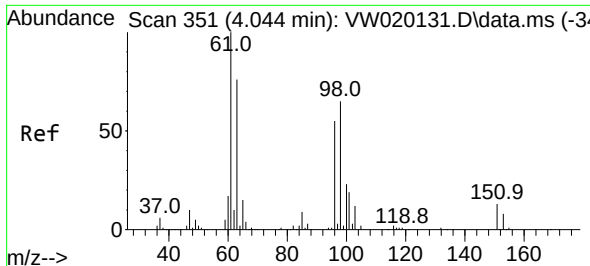
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 24 01:36:59 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.275 ug/L

RT: 4.019 min Scan# 347

Delta R.T. -0.024 min

Lab File: VW020147.D

Acq: 23 Sep 2021 15:37

Tgt Ion: 96 Resp: 1166

Ion Ratio Lower Upper

96 100

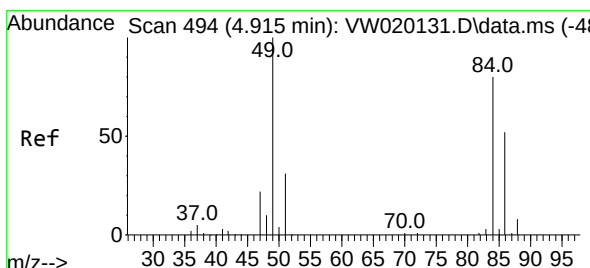
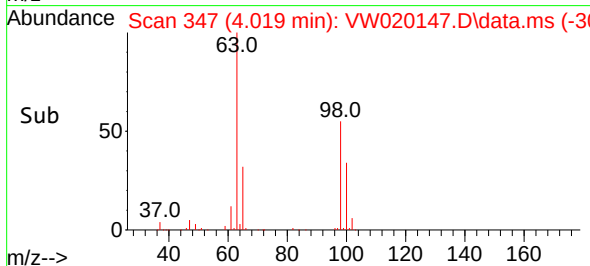
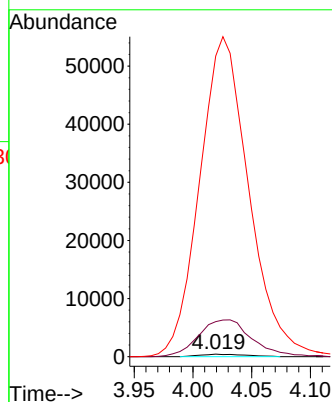
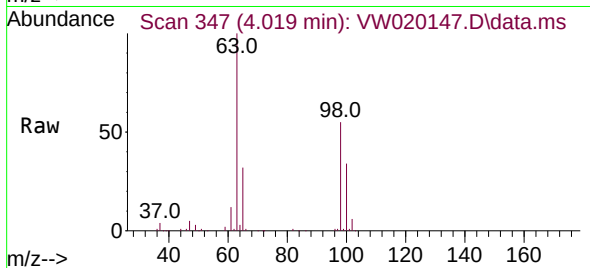
61 1378.9 126.1 234.3#

63 11835.2 112.6 209.0#

Instrument :

MSVOA_W

ClientSampled :



#16

Methylene chloride

Concen: 2.050 ug/L

RT: 4.922 min Scan# 495

Delta R.T. 0.006 min

Lab File: VW020147.D

Acq: 23 Sep 2021 15:37

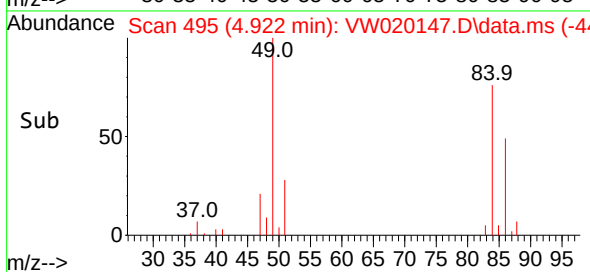
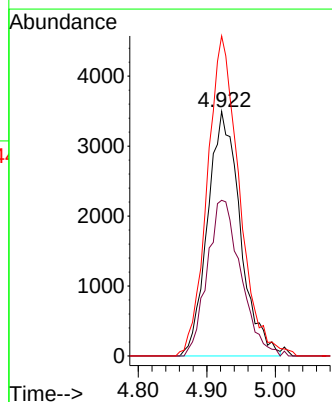
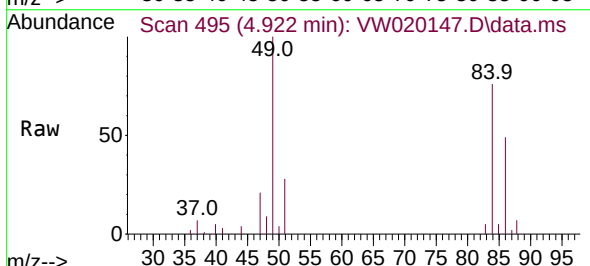
Tgt Ion: 84 Resp: 11566

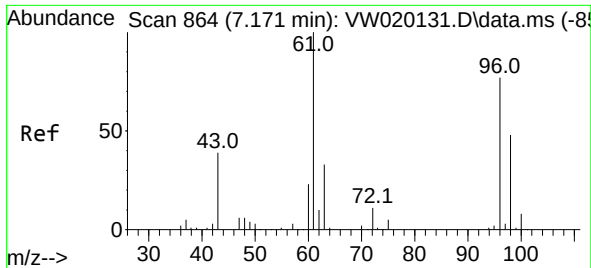
Ion Ratio Lower Upper

84 100

86 63.7 42.6 79.0

49 130.9 83.4 154.8

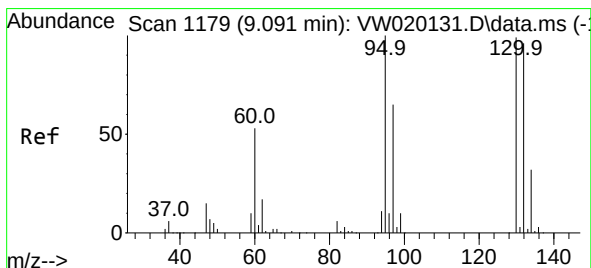
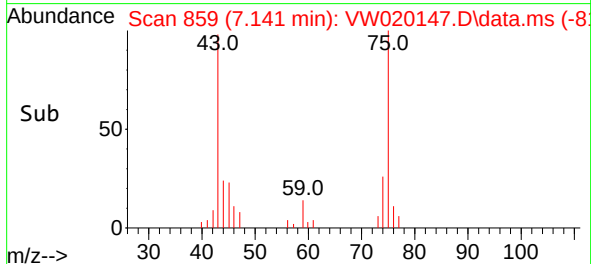
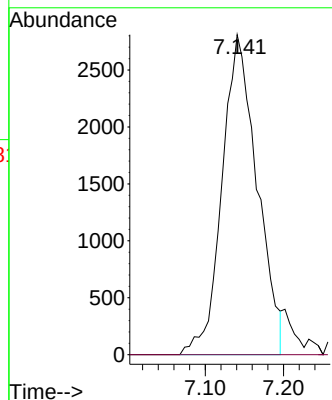
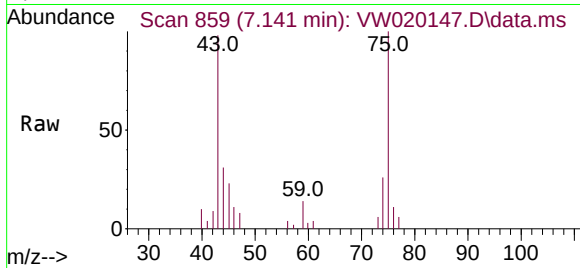




#22
2-Butanone
Concen: 7.801 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.030 min
Lab File: VW020147.D
Acq: 23 Sep 2021 15:37

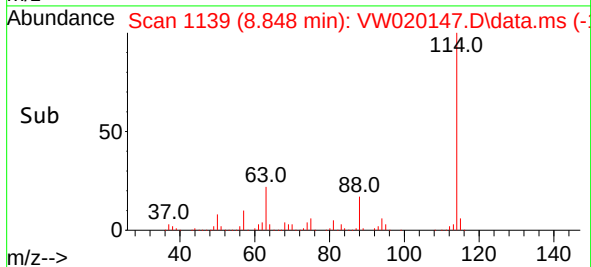
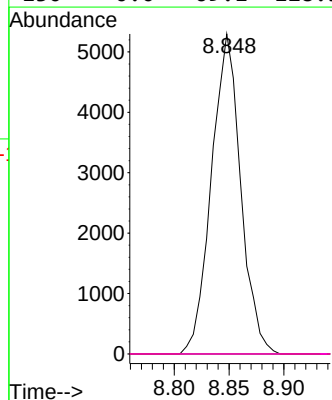
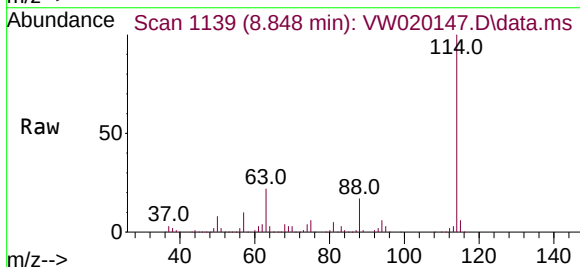
Instrument :
MSVOA_W
ClientSampled :

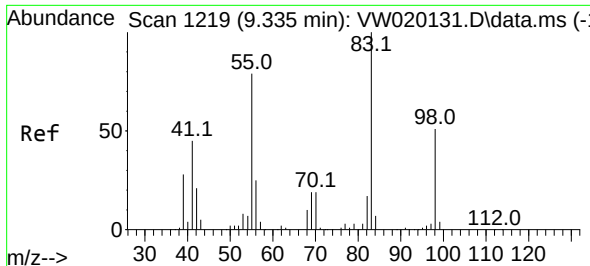
Tgt Ion: 43 Resp: 8748
Ion Ratio Lower Upper
43 100
72 0.0 14.1 42.2#



#34
Trichloroethene
Concen: 2.827 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW020147.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 95 Resp: 9840
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#

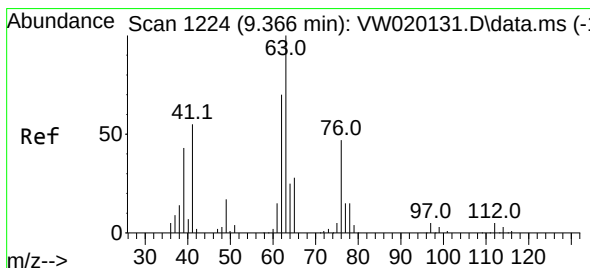
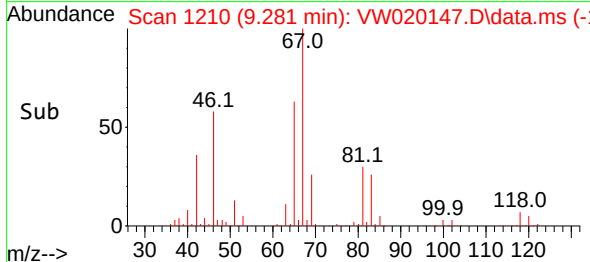
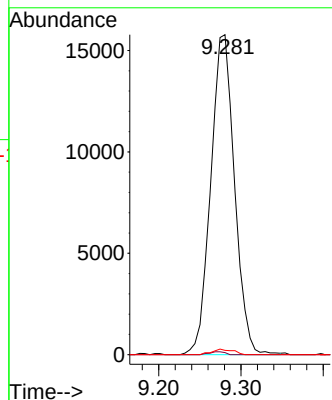
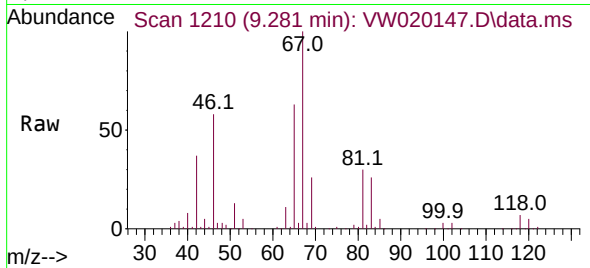




#35
Methylcyclohexane
Concen: 5.598 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW020147.D
Acq: 23 Sep 2021 15:37

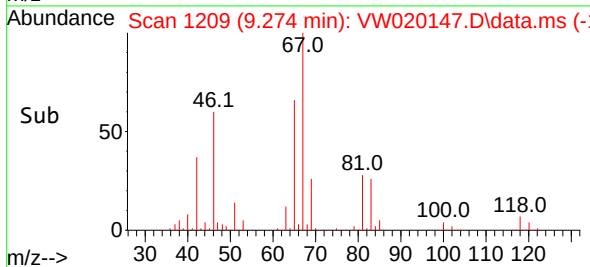
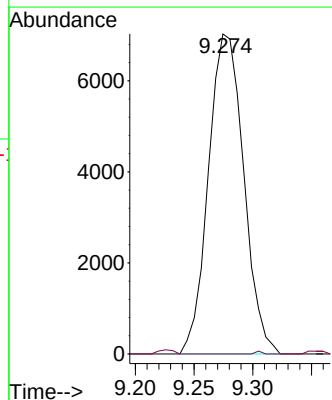
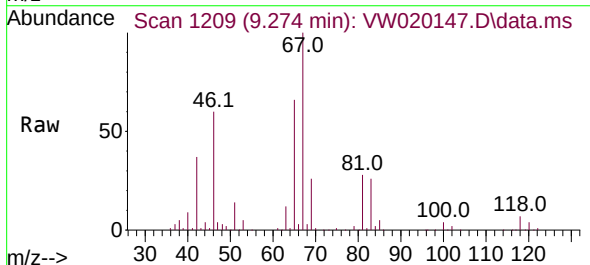
Instrument :
MSVOA_W
ClientSampled :

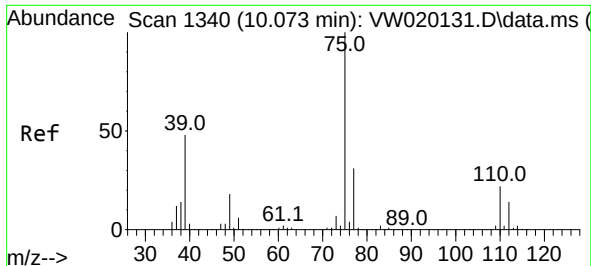
Tgt Ion: 83 Resp: 31742
Ion Ratio Lower Upper
83 100
55 0.6 61.4 92.2#
98 1.2 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 4.557 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW020147.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 63 Resp: 14673
Ion Ratio Lower Upper
63 100
112 0.6 3.6 5.4#

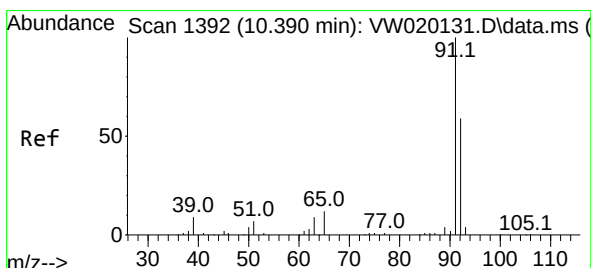
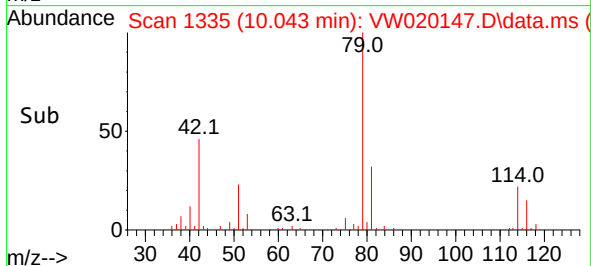
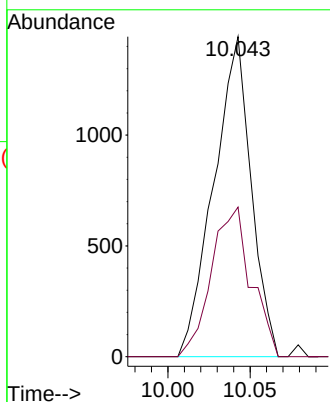
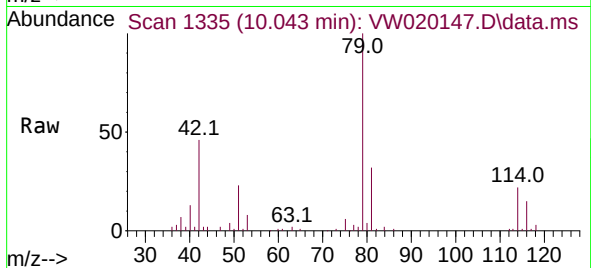




#39
cis-1,3-Dichloropropene
Concen: 0.482 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW020147.D
Acq: 23 Sep 2021 15:37

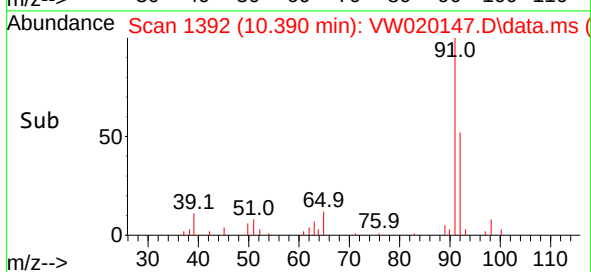
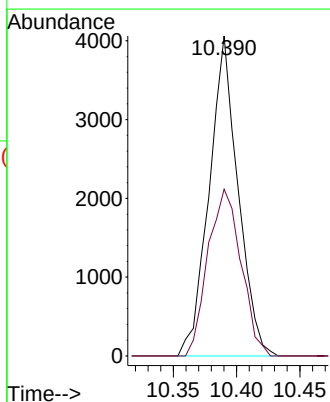
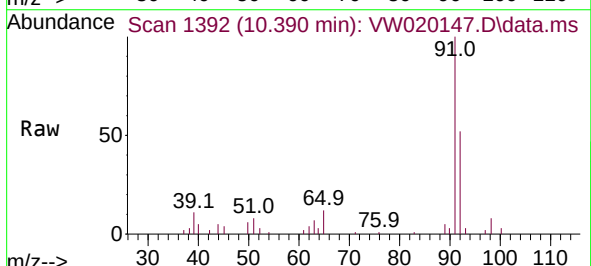
Instrument :
MSVOA_W
ClientSampled :

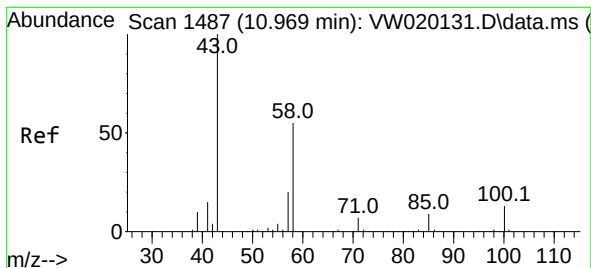
Tgt Ion: 75 Resp: 2288
Ion Ratio Lower Upper
75 100
77 46.7 23.0 42.6#



#42
Toluene
Concen: 0.466 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020147.D
Acq: 23 Sep 2021 15:37

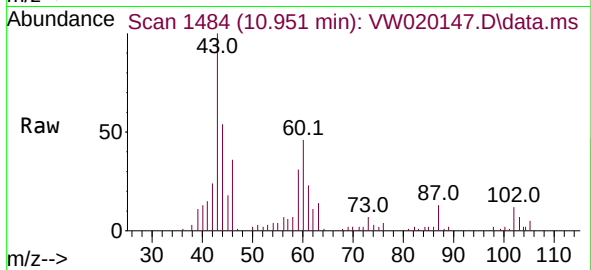
Tgt Ion: 91 Resp: 6443
Ion Ratio Lower Upper
91 100
92 52.1 42.2 78.4



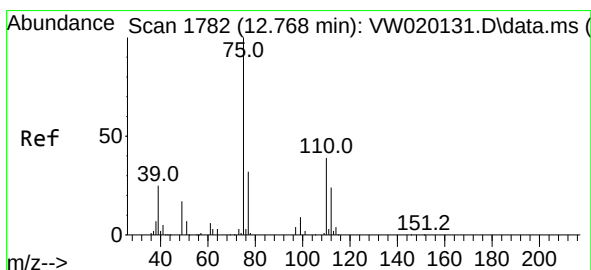
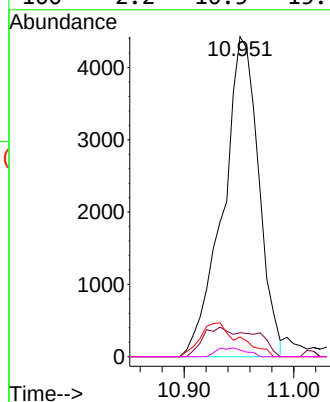
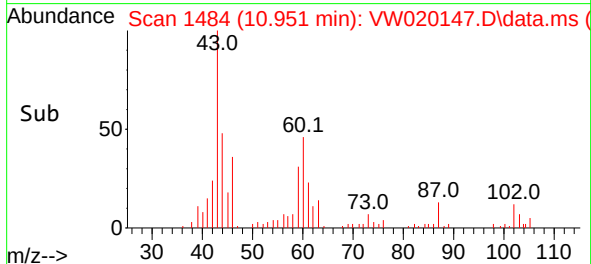


#48
2-Hexanone
Concen: 8.861 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW020147.D
Acq: 23 Sep 2021 15:37

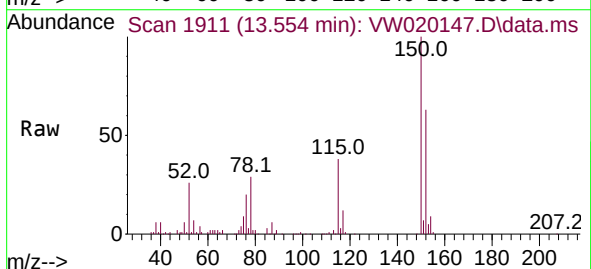
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	43	Resp:	10010
Ion Ratio	Lower	Upper	
43	100		
58	7.5	43.8	65.6#
57	8.6	15.6	23.4#
100	2.2	10.5	15.7#



#61
1,2,3-Trichloropropane
Concen: 6.991 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW020147.D
Acq: 23 Sep 2021 15:37



Tgt Ion:	75	Resp:	4923
Ion Ratio	Lower	Upper	
75	100		
77	33.7	26.3	39.5
110	2.3	30.2	45.2#

