

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018067.D
 Acq On : 10 Feb 2021 17:09
 Operator : SY/VA
 Sample : M1371-12
 Misc : 6.30G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:58:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

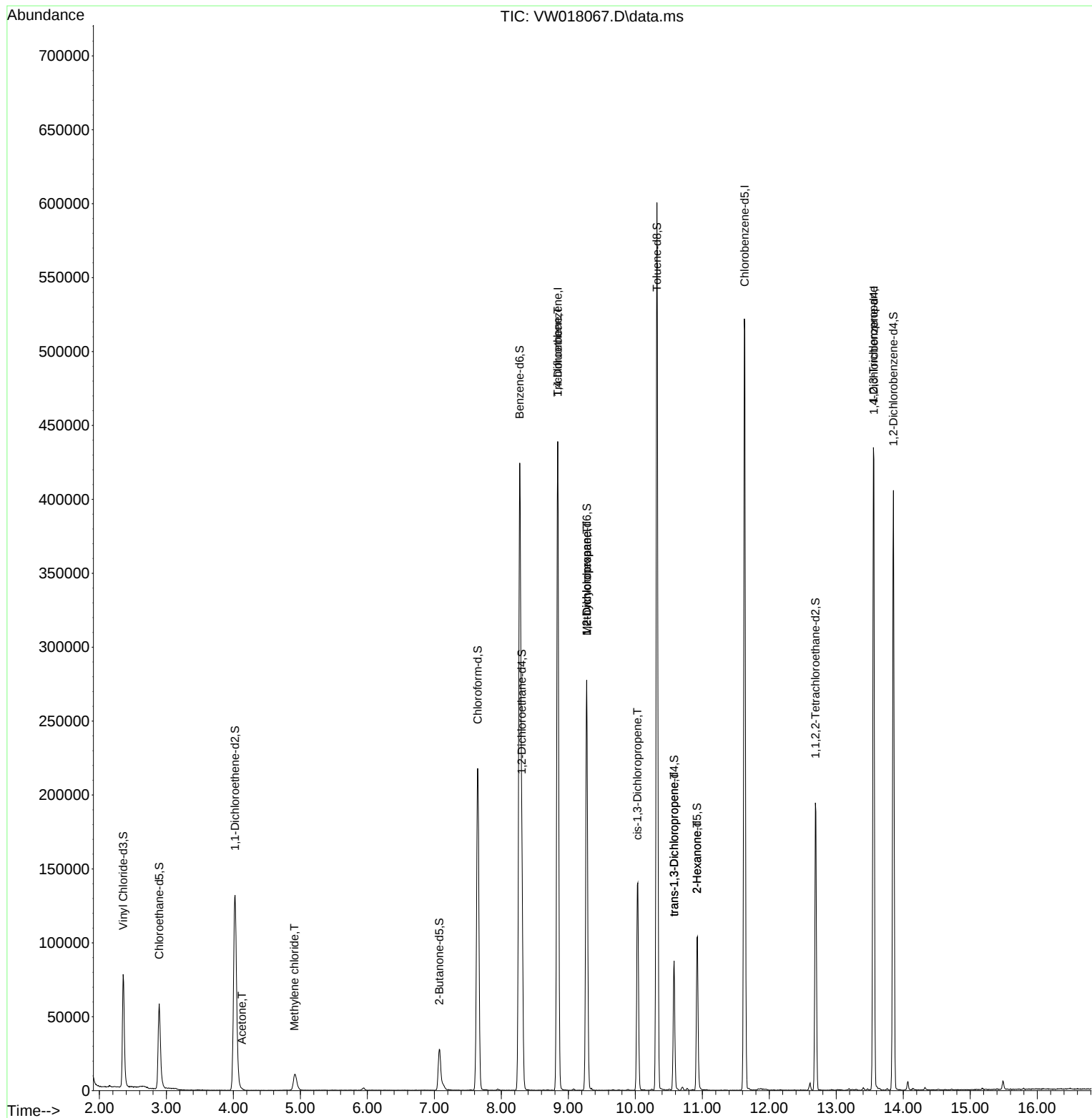
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	387908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	314843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	123855	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	95125	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
7) Chloroethane-d5	2.892	69	80239	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.88%
10) 1,1-Dichloroethene-d2	4.026	63	146672	15.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	7.074	46	47276	36.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.50%
24) Chloroform-d	7.647	84	231613	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	8.305	65	117881	21.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.96%
29) Benzene-d6	8.275	84	453266	26.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.88%
33) 1,2-Dichloropropane-d6	9.275	67	129842	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.40%
37) Toluene-d8	10.323	98	410141	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.72%
38) trans-1,3-Dichloroprop...	10.579	79	49506	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.36%
39) 2-Hexanone-d5	10.921	63	38015	41.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.24%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	94402	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	13.853	152	113747	25.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.96%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	689	0.72	ug/L	92
16) Methylene chloride	4.910	84	4712	0.76	ug/L	89
35) Trichloroethene	8.842	95	12018	2.32	ug/L #	3
36) Methylcyclohexane	9.275	83	34257	3.93	ug/L #	19
40) 1,2-Dichloropropane	9.275	63	14633	3.47	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	3561	0.52	ug/L #	77
45) trans-1,3-Dichloropropene	10.579	75	2078	0.35	ug/L	86
49) 2-Hexanone	10.921	43	4438	2.43	ug/L #	59
59) 1,2,3-Trichloropropane	13.554	75	12348	3.82	ug/L	95

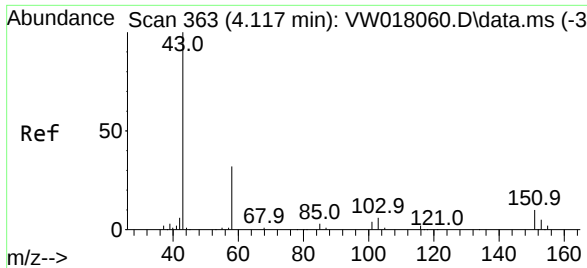
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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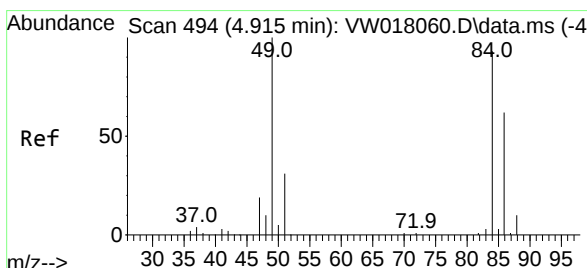
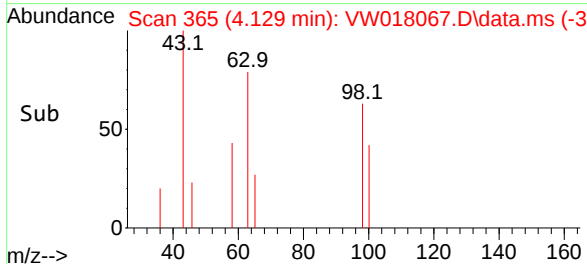
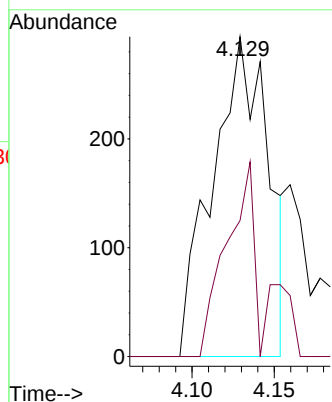
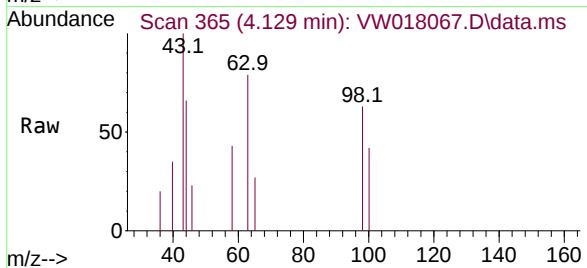




#13
Acetone
Concen: 0.72 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018067.D
Acq: 10 Feb 2021 17:09

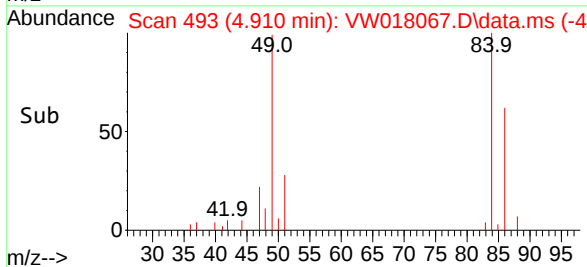
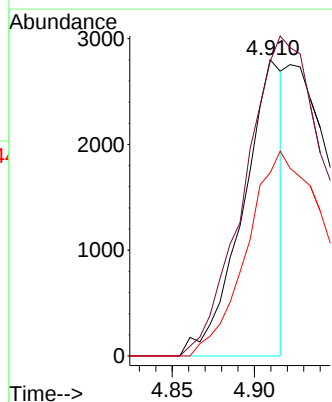
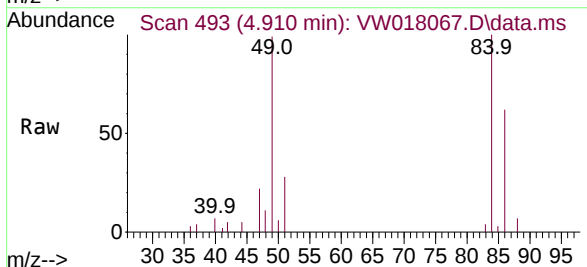
Instrument :
MSVOA_W
ClientSampled :

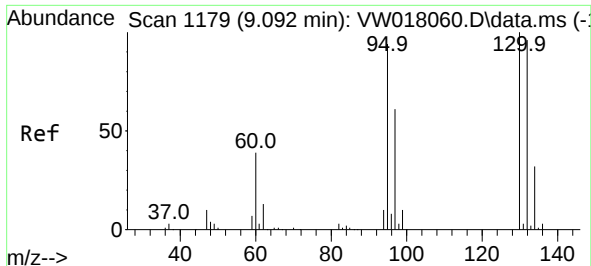
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
58 29.8 0.0 68.4



#16
Methylene chloride
Concen: 0.76 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018067.D
Acq: 10 Feb 2021 17:09

Tgt Ion: 84 Resp: 4712
Ion Ratio Lower Upper
84 100
49 99.3 81.2 150.8
86 61.8 44.5 82.7

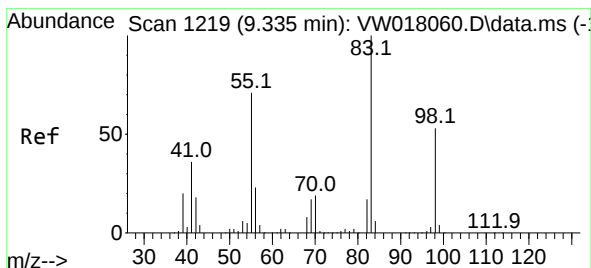
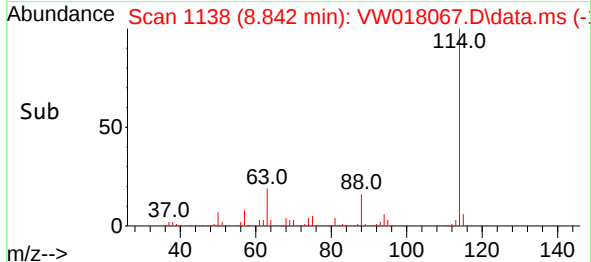
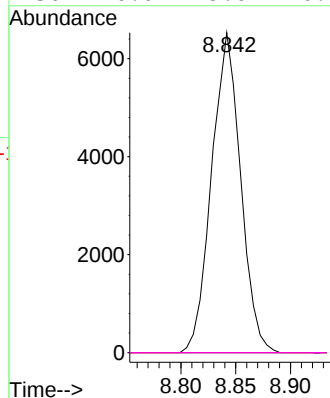
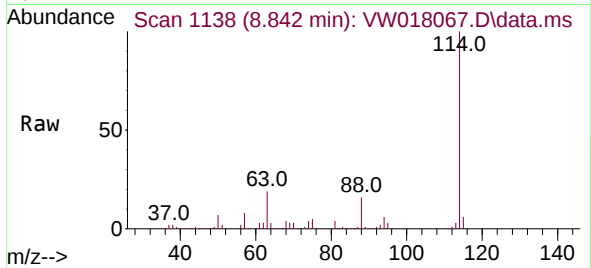




#35
Trichloroethene
Concen: 2.32 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018067.D
Acq: 10 Feb 2021 17:09

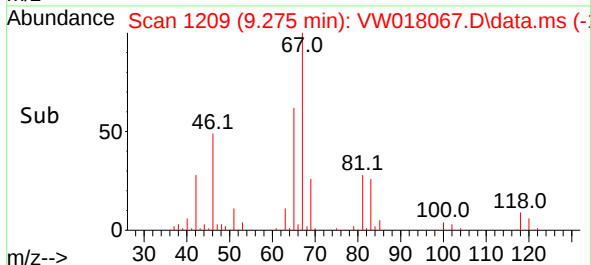
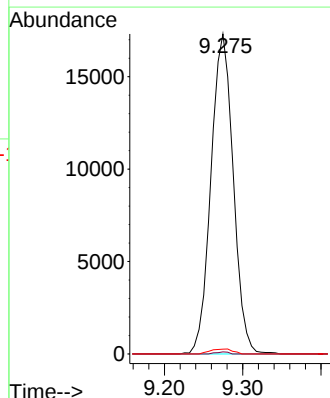
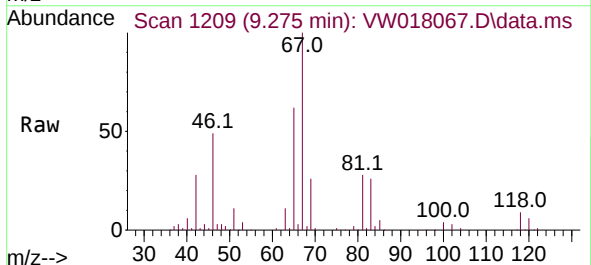
Instrument :
MSVOA_W
ClientSampled :

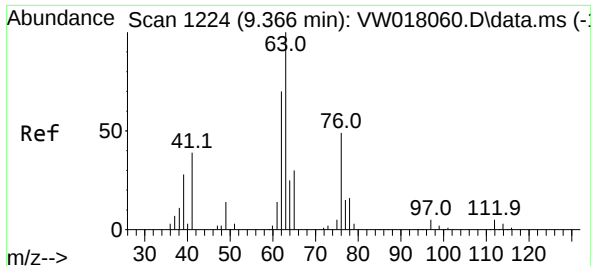
Tgt Ion: 95 Resp: 12018
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#36
Methylcyclohexane
Concen: 3.93 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018067.D
Acq: 10 Feb 2021 17:09

Tgt Ion: 83 Resp: 34257
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.6 40.7 61.1#





#40

1,2-Dichloropropane

Concen: 3.47 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW018067.D

Acq: 10 Feb 2021 17:09

Tgt Ion: 63 Resp: 14633

Ion Ratio Lower Upper

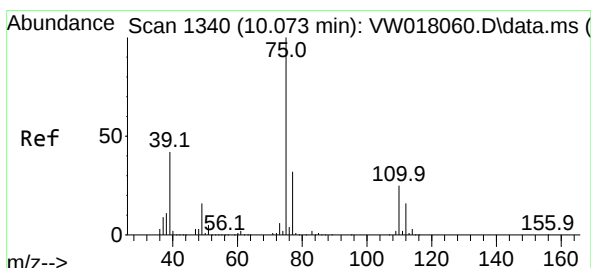
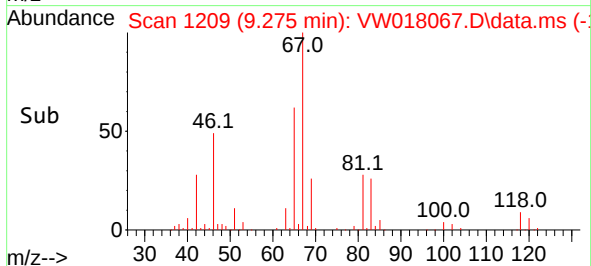
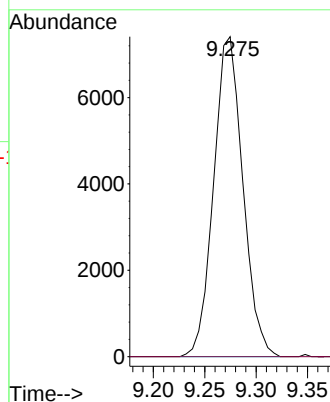
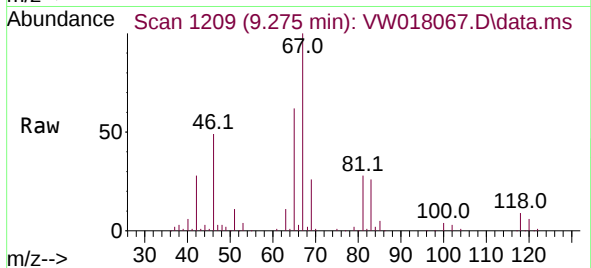
63 100

112 0.0 4.2 6.4#

Instrument :

MSVOA_W

ClientSampled :



#42

cis-1,3-Dichloropropene

Concen: 0.52 ug/L

RT: 10.031 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW018067.D

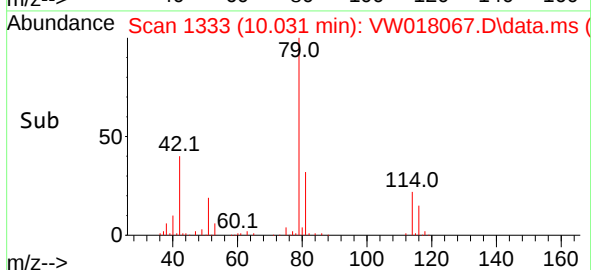
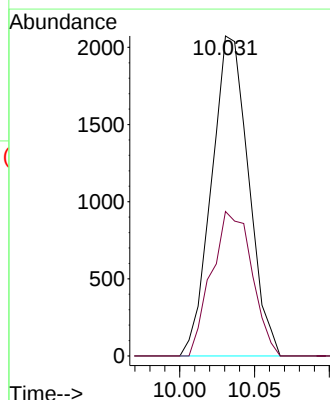
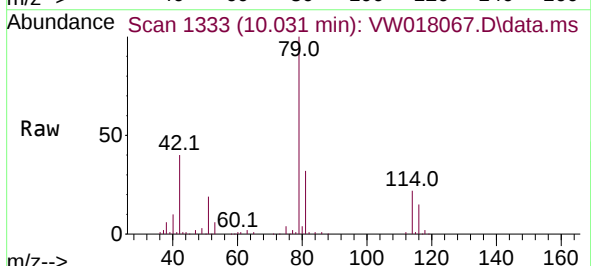
Acq: 10 Feb 2021 17:09

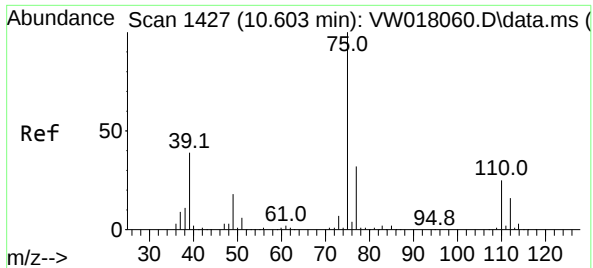
Tgt Ion: 75 Resp: 3561

Ion Ratio Lower Upper

75 100

77 45.2 22.7 42.3#

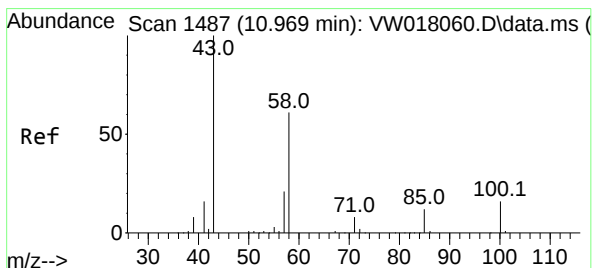
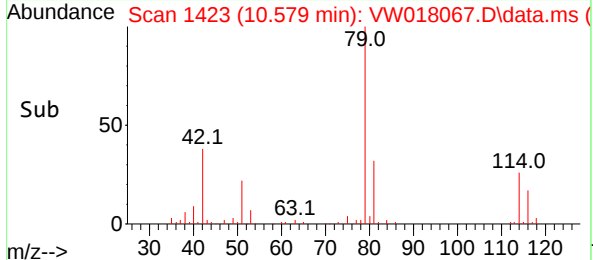
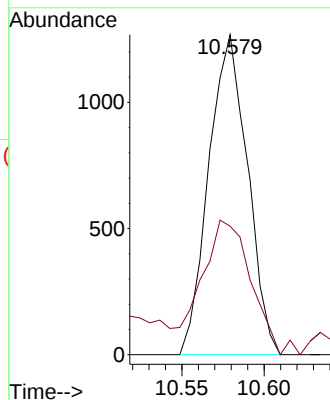
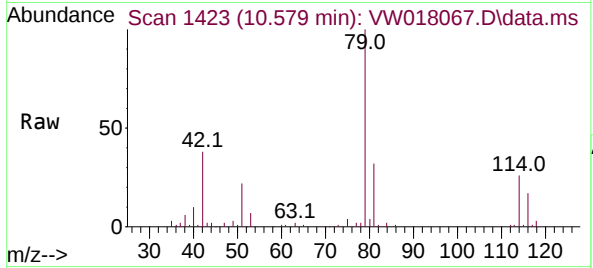




#45
trans-1,3-Dichloropropene
Concen: 0.35 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018067.D
Acq: 10 Feb 2021 17:09

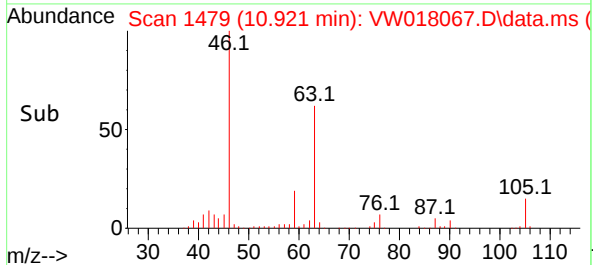
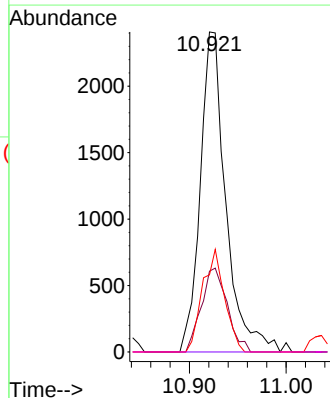
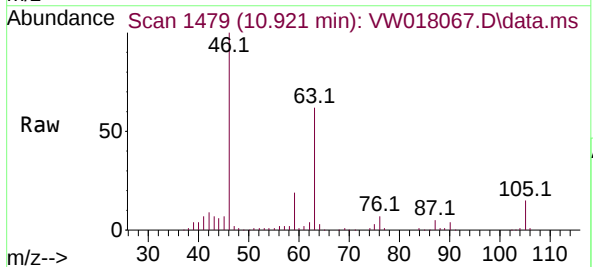
Instrument :
MSVOA_W
ClientSampled :

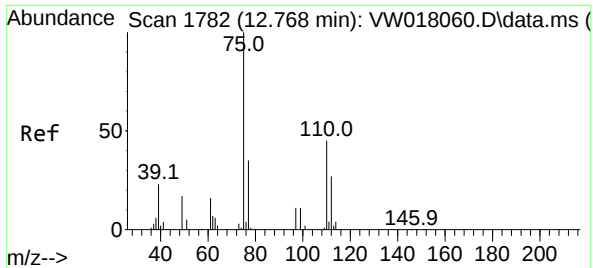
Tgt Ion: 75 Resp: 2078
Ion Ratio Lower Upper
75 100
77 40.1 22.6 42.0



#49
2-Hexanone
Concen: 2.43 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018067.D
Acq: 10 Feb 2021 17:09

Tgt Ion: 43 Resp: 4438
Ion Ratio Lower Upper
43 100
58 26.5 51.3 76.9#
57 27.6 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 3.82 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018067.D
 Acq: 10 Feb 2021 17:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	75	Resp:	12348
Ion Ratio	Lower	Upper	
75	100		
77	36.3	26.6	39.8

