

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018009.D
 Acq On : 02 Feb 2021 14:34
 Operator : SY/VA
 Sample : M1298-01
 Misc : 6.46G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A20

Quant Time: Feb 03 00:25:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 00:24:42 2021
 Response via : Initial Calibration

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

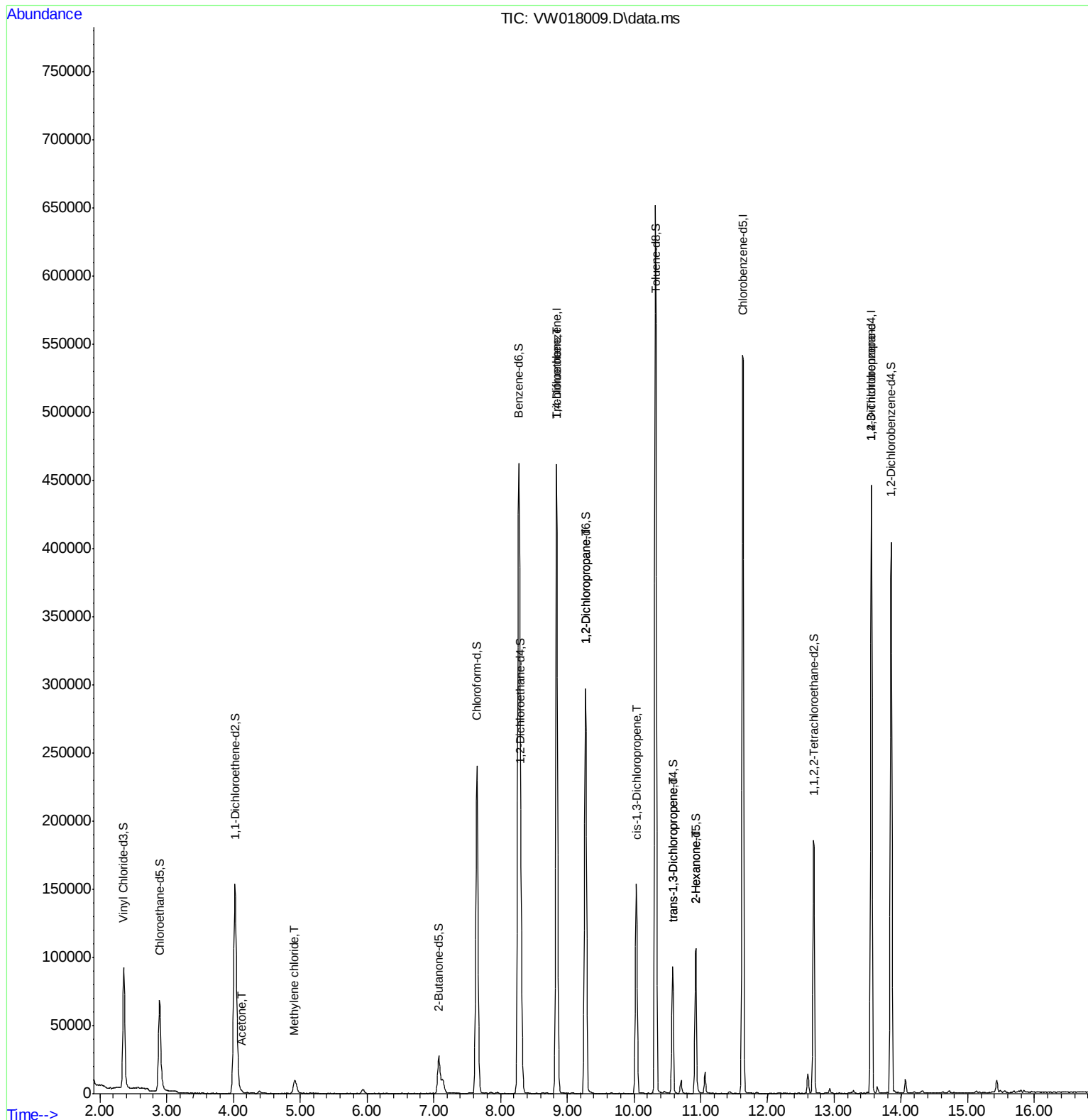
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	407127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	321914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	124949	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115136	22.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.00%		
7) Chloroethane-d5	2.892	69	95067	23.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.68%		
10) 1,1-Dichloroethene-d2	4.026	63	171333	16.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.76%		
20) 2-Butanone-d5	7.080	46	46463	34.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.82%		
24) Chloroform-d	7.647	84	251492	23.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.16%		
26) 1,2-Dichloroethane-d4	8.305	65	125503	22.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.20%		
29) Benzene-d6	8.275	84	497692	28.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	112.64%		
33) 1,2-Dichloropropane-d6	9.275	67	138987	28.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.44%		
37) Toluene-d8	10.323	98	444470	26.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.72%		
38) trans-1,3-Dichloroprop...	10.579	79	52264	23.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.28%		
39) 2-Hexanone-d5	10.927	63	38775	41.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.04%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	92452	21.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	113952	25.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.28%		
Target Compounds						
13) Acetone	4.123	43	2068	2.07	ug/L	91
16) Methylene chloride	4.916	84	9242	1.42	ug/L	92
35) Trichloroethene	8.842	95	11801	2.23	ug/L #	3
40) 1,2-Dichloropropane	9.275	63	15846	3.67	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	4004	0.58	ug/L #	74
45) trans-1,3-Dichloropropene	10.579	75	2287	0.38	ug/L #	69
49) 2-Hexanone	10.927	43	4759	2.55	ug/L #	61
59) 1,2,3-Trichloropropane	13.554	75	13194	3.99	ug/L	98

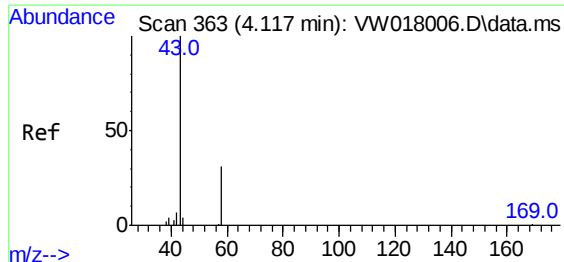
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 00:24:42 2021
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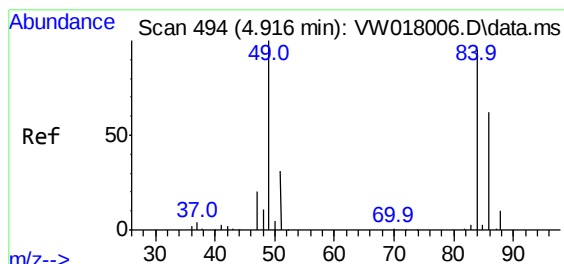
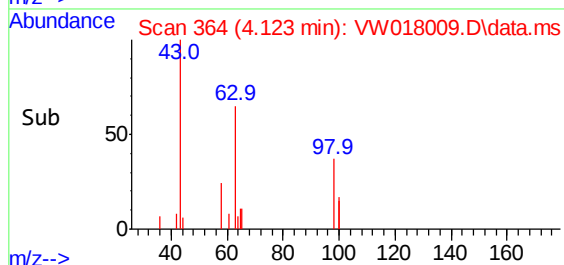
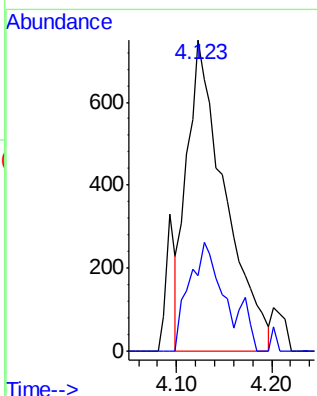
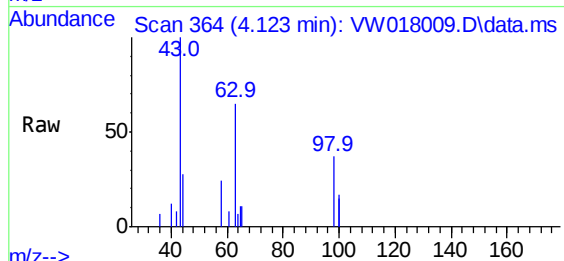




#13
Acetone
Concen: 2.07 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018009.D
Acq: 02 Feb 2021 14:34

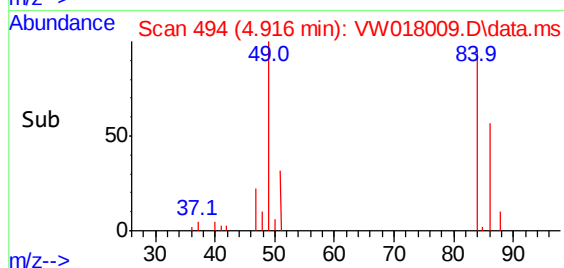
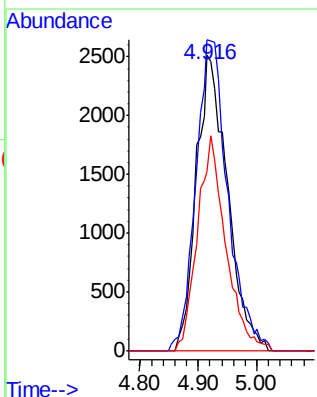
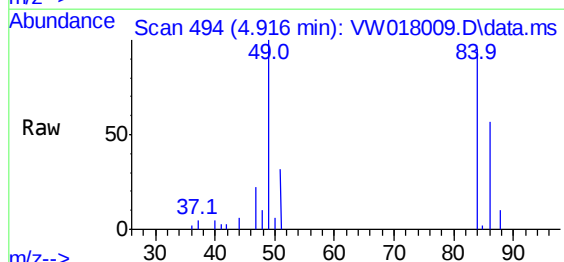
Instrument :
MSVOA_W
ClientSampled :
C0A20

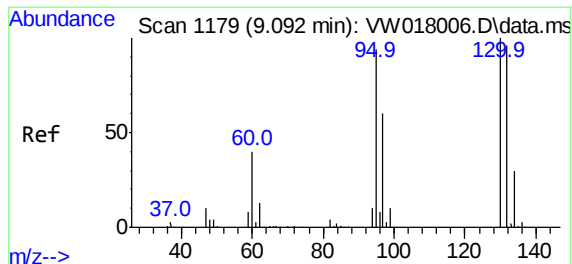
Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 28.8 0.0 68.4



#16
Methylene chloride
Concen: 1.42 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018009.D
Acq: 02 Feb 2021 14:34

Tgt Ion: 84 Resp: 9242
Ion Ratio Lower Upper
84 100
49 105.0 81.2 150.8
86 60.4 44.5 82.7

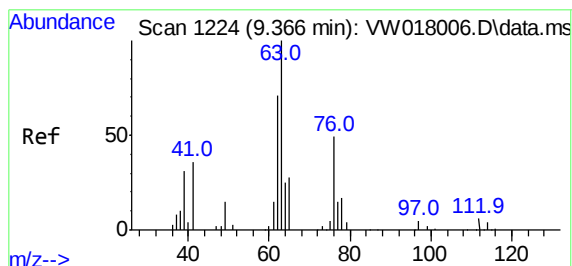
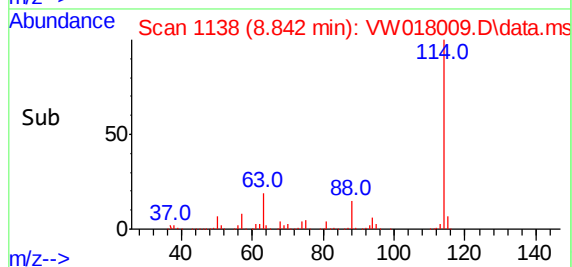
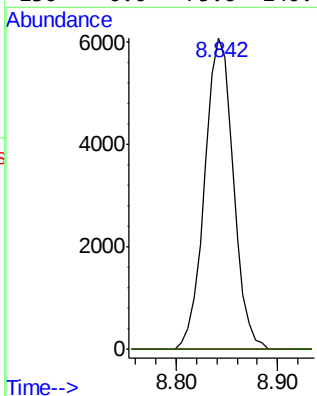
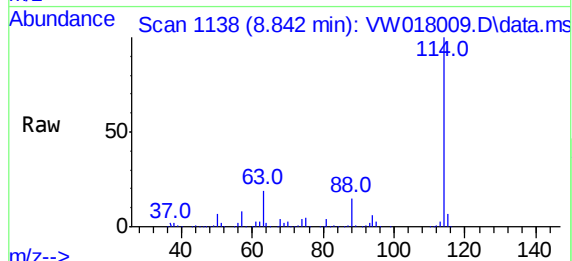




#35
Trichloroethene
Concen: 2.23 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018009.D
Acq: 02 Feb 2021 14:34

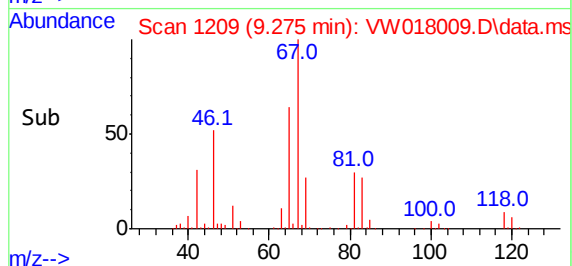
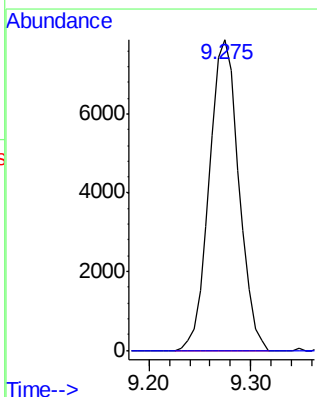
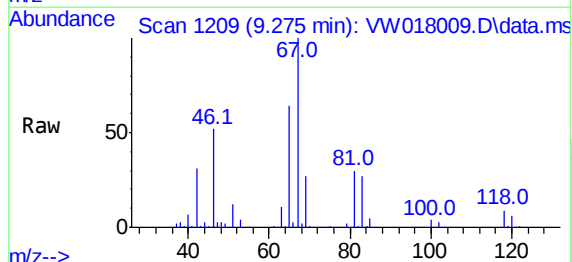
Instrument :
MSVOA_W
ClientSampleId :
C0A20

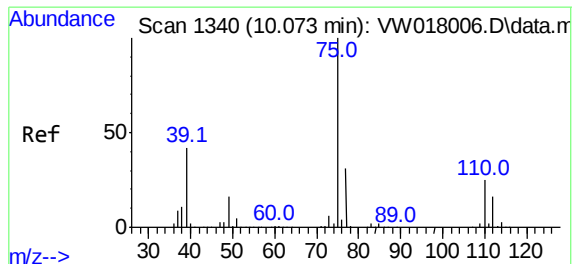
Tgt Ion: 95 Resp: 11801
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#40
1,2-Dichloropropane
Concen: 3.67 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018009.D
Acq: 02 Feb 2021 14:34

Tgt Ion: 63 Resp: 15846
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

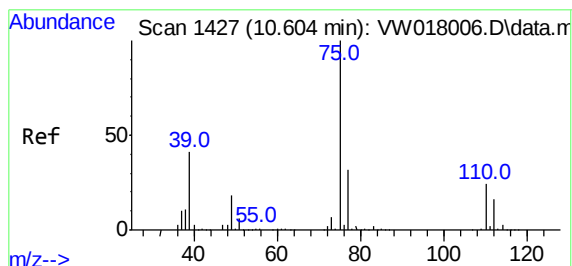
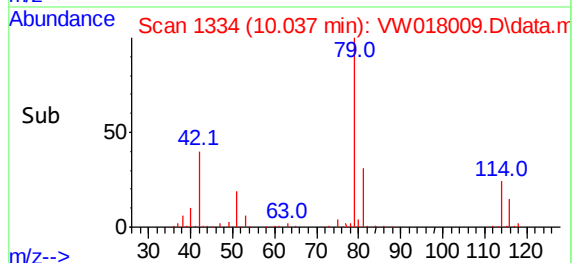
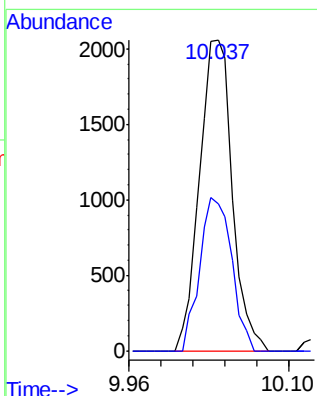
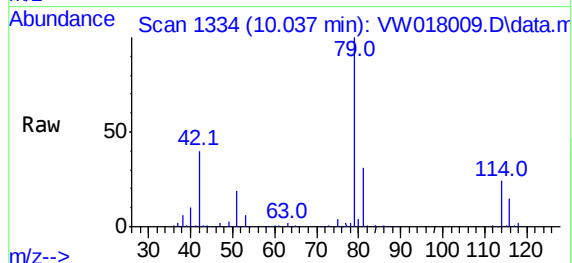




#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018009.D
Acq: 02 Feb 2021 14:34

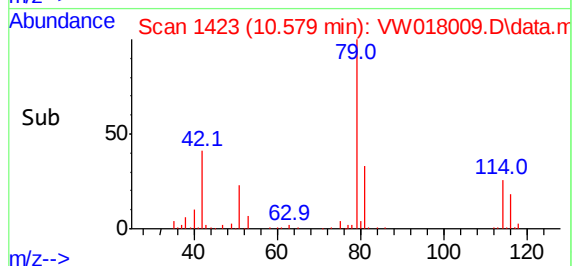
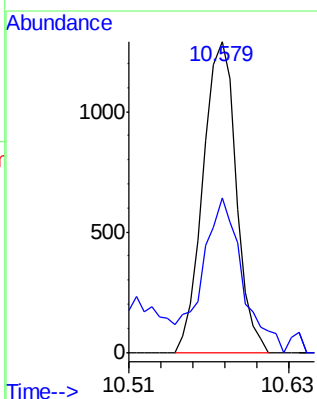
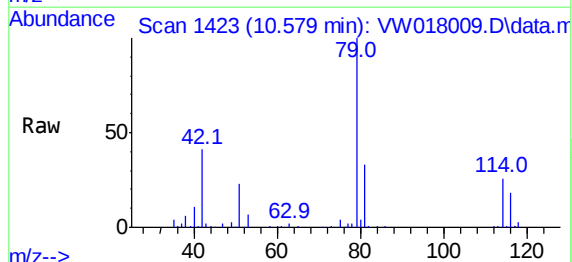
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MSVOA_W
ClientSampled :
C0A20

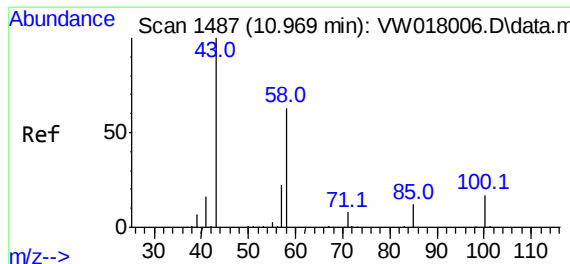
Tgt Ion: 75 Resp: 4004
Ion Ratio Lower Upper
75 100
77 47.2 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018009.D
Acq: 02 Feb 2021 14:34

Tgt Ion: 75 Resp: 2287
Ion Ratio Lower Upper
75 100
77 49.5 22.6 42.0#



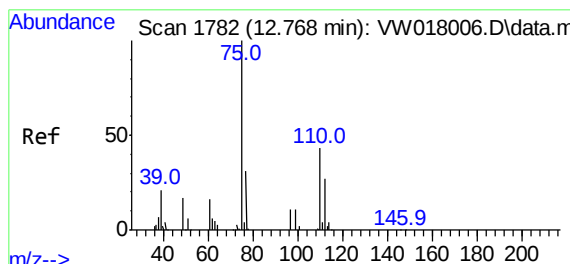
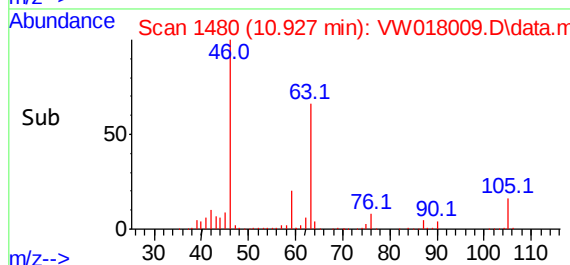
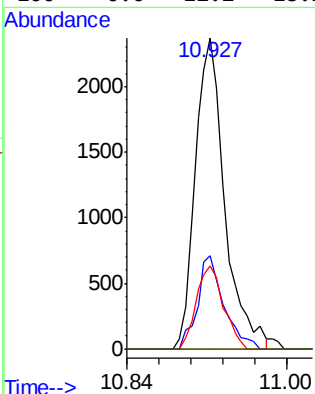
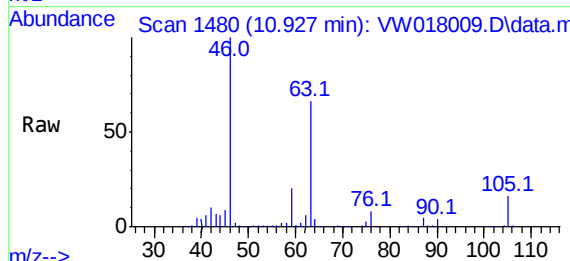


#49
2-Hexanone
Concen: 2.55 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018009.D
Acq: 02 Feb 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
C0A20

Tgt Ion: 43 Resp: 4759

Ion	Ratio	Lower	Upper
43	100		
58	26.9	51.3	76.9#
57	24.7	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 3.99 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018009.D
Acq: 02 Feb 2021 14:34

Tgt Ion: 75 Resp: 13194

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.6	39.8

