

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018288.D
 Acq On : 10 Mar 2021 15:17
 Operator : SY/VA
 Sample : VIBLK11
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Quant Time: Mar 11 02:04:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

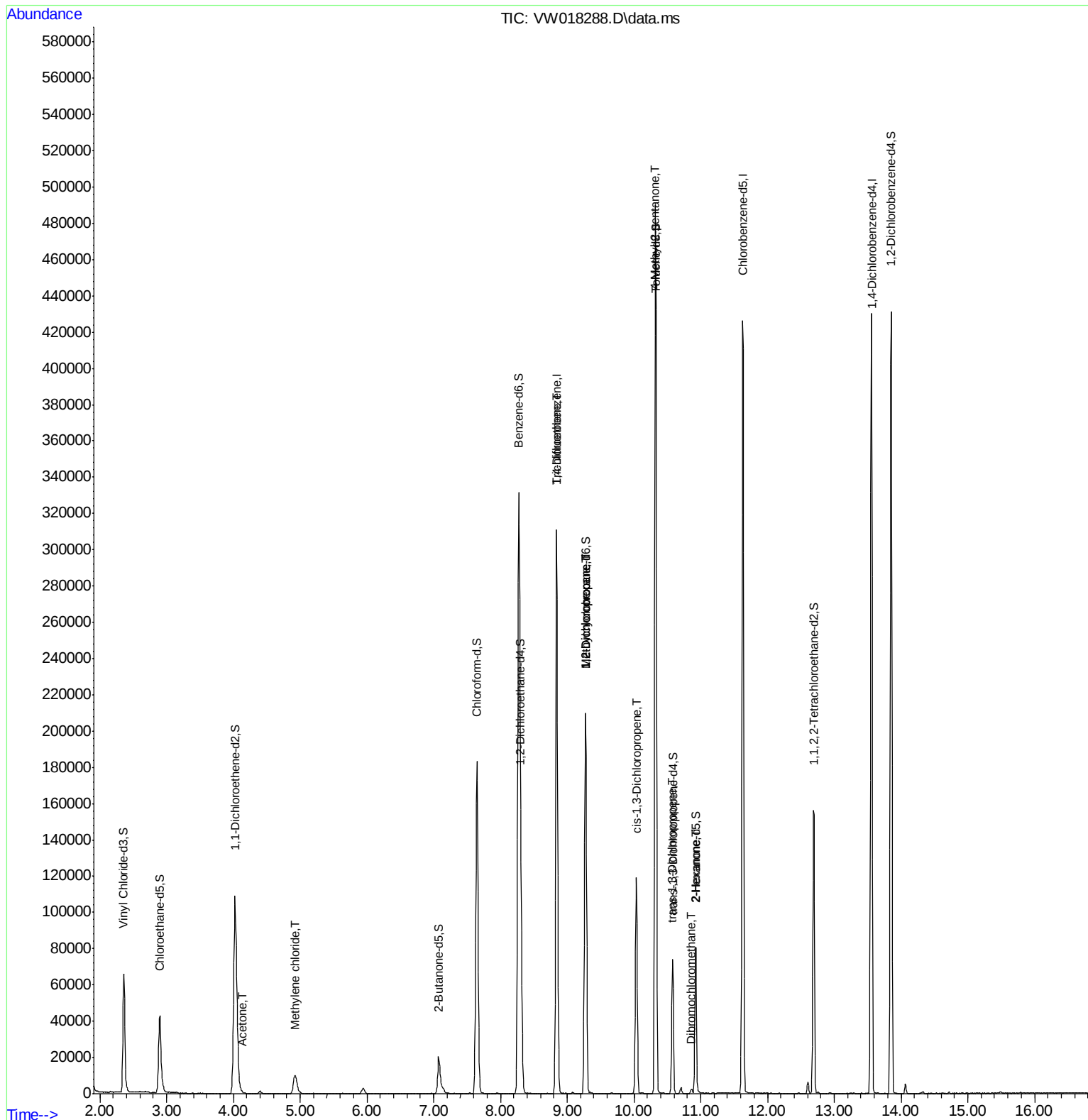
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	257728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	231318	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	108953	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	79155	28.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.44%			
7) Chloroethane-d5	2.897	69	62076	27.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.56%			
10) 1,1-Dichloroethene-d2	4.025	63	126009	19.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.72%			
20) 2-Butanone-d5	7.074	46	32890	49.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.14%			
24) Chloroform-d	7.647	84	182220	26.10	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.40%			
26) 1,2-Dichloroethane-d4	8.305	65	98422	25.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.44%			
29) Benzene-d6	8.275	84	333741	27.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.40%			
33) 1,2-Dichloropropane-d6	9.274	67	91384	26.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.12%			
37) Toluene-d8	10.323	98	323544	27.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.92%			
38) trans-1,3-Dichloroprop...	10.579	79	42750	25.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.12%			
39) 2-Hexanone-d5	10.920	63	28619	50.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.84%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	72898	24.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.92%			
61) 1,2-Dichlorobenzene-d4	13.853	152	103453	26.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.48%			
Target Compounds						Qvalue
13) Acetone	4.129	43	188	0.36	ug/L	54
16) Methylene chloride	4.921	84	9906	2.52	ug/L	93
35) Trichloroethene	8.841	95	8230	2.11	ug/L #	6
36) Methylcyclohexane	9.274	83	25869	4.12	ug/L #	21
40) 1,2-Dichloropropane	9.274	63	11956	3.87	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3324	0.64	ug/L #	65
43) 4-Methyl-2-pentanone	10.317	43	1234	0.77	ug/L #	1
45) trans-1,3-Dichloropropene	10.573	75	2056	0.44	ug/L	89
49) 2-Hexanone	10.926	43	3193	2.89	ug/L #	68
50) Dibromochloromethane	10.859	129	681	0.22	ug/L #	8

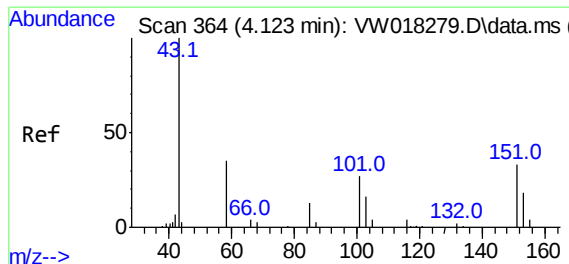
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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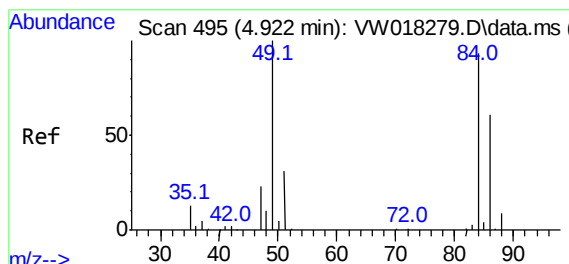
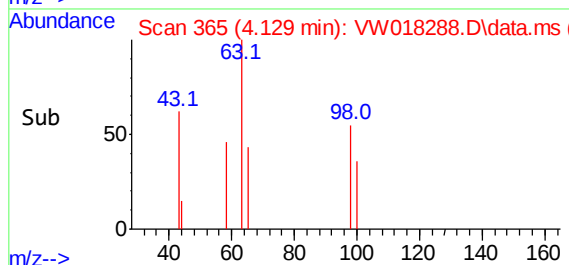
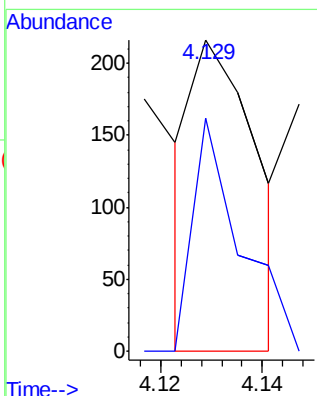
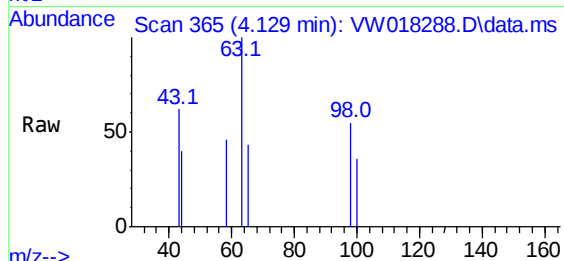




#13
Acetone
Concen: 0.36 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018288.D
Acq: 10 Mar 2021 15:17

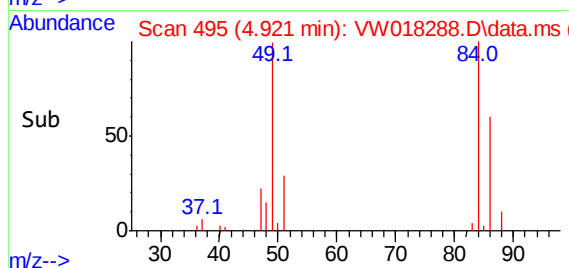
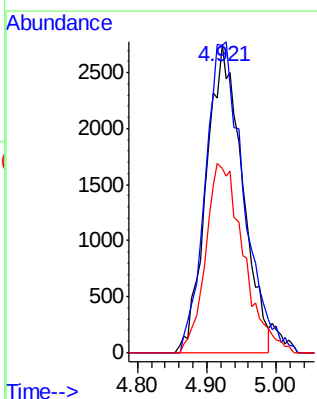
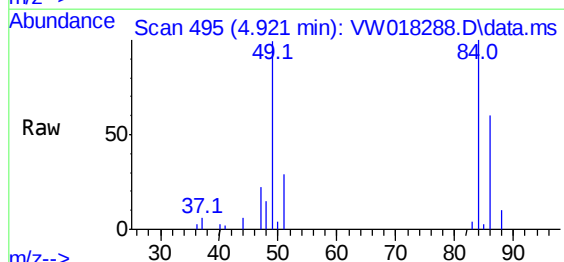
Instrument :
MSVOA_W
ClientSampled :
VIBLK11

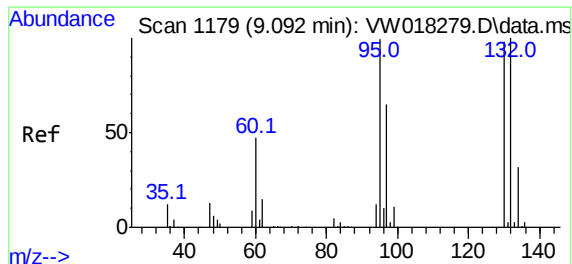
Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 56.4 0.0 62.2



#16
Methylene chloride
Concen: 2.52 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018288.D
Acq: 10 Mar 2021 15:17

Tgt Ion: 84 Resp: 9906
Ion Ratio Lower Upper
84 100
49 99.5 74.4 138.2
86 59.7 46.1 85.7

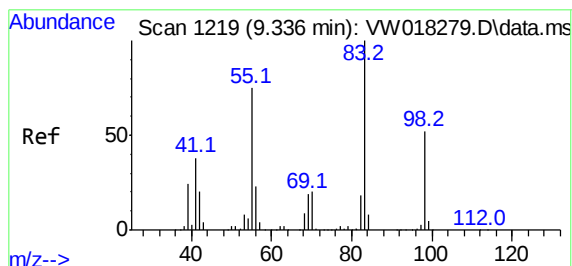
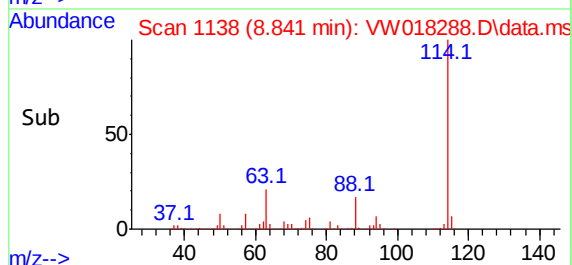
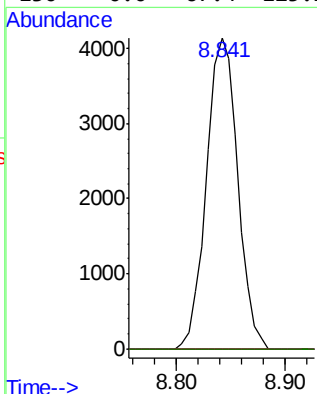
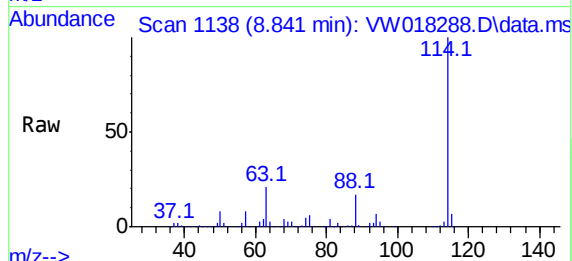




#35
Trichloroethene
Concen: 2.11 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018288.D
Acq: 10 Mar 2021 15:17

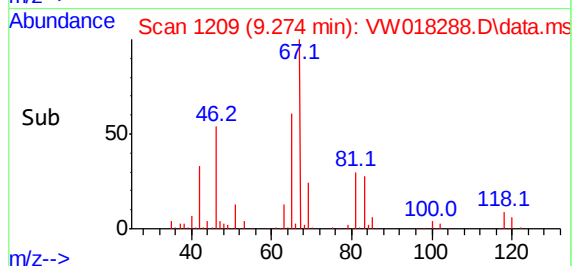
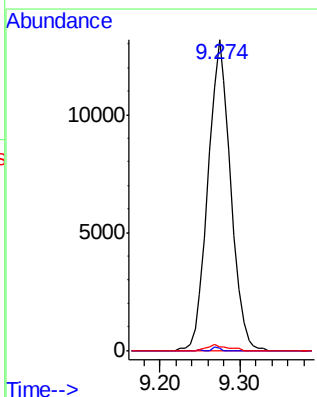
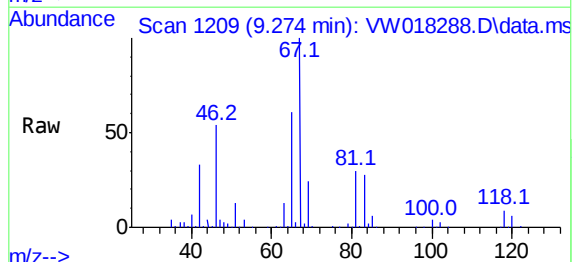
Instrument :
MSVOA_W
ClientSampleId :
VIBLK11

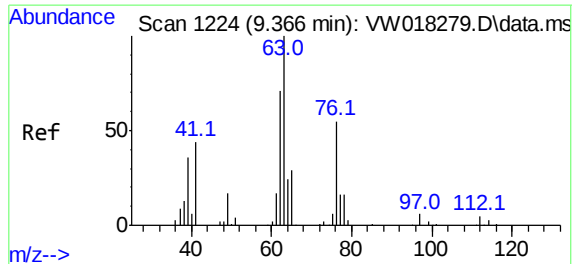
Tgt Ion: 95 Resp: 8230
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#



#36
Methylcyclohexane
Concen: 4.12 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018288.D
Acq: 10 Mar 2021 15:17

Tgt Ion: 83 Resp: 25869
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 1.6 40.6 61.0#

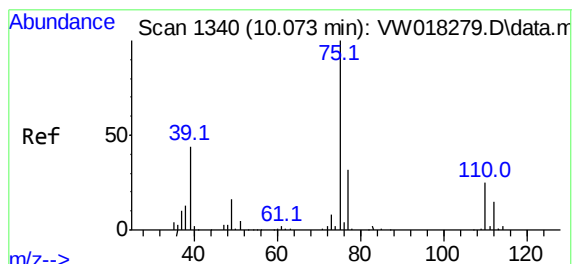
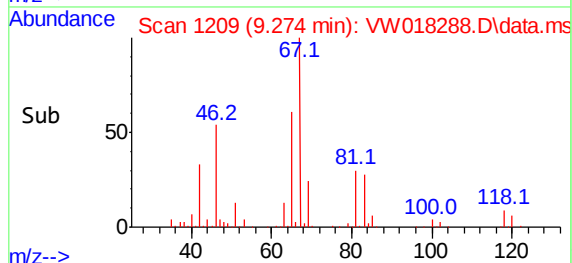
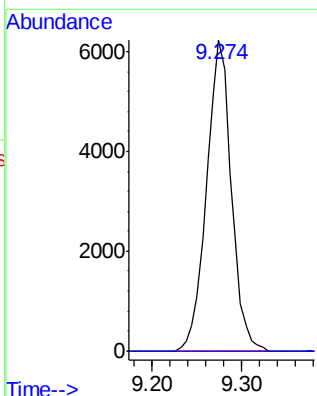
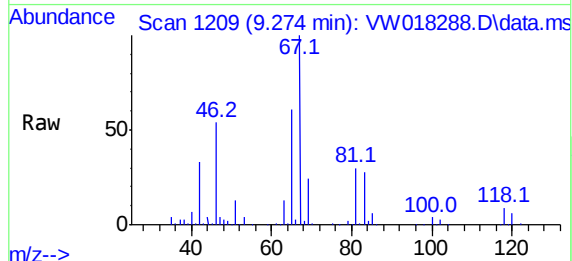




#40
1,2-Dichloropropane
Concen: 3.87 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018288.D
Acq: 10 Mar 2021 15:17

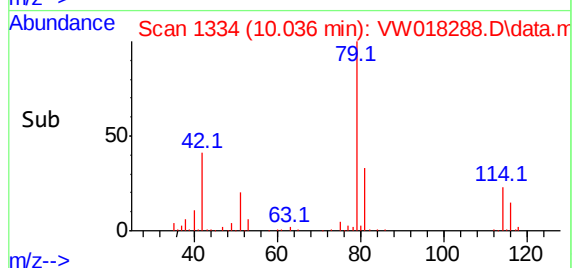
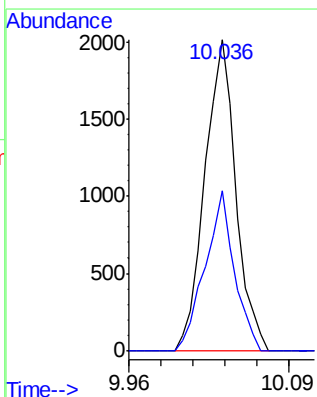
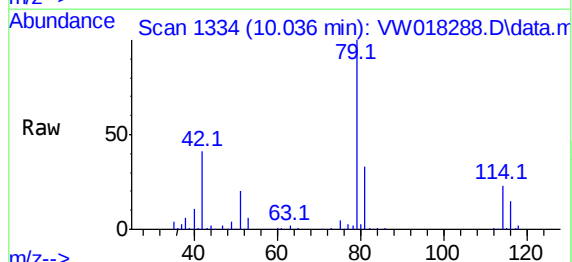
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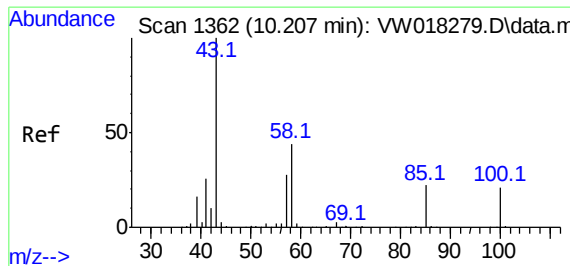
Tgt Ion: 63 Resp: 11956
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.64 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018288.D
Acq: 10 Mar 2021 15:17

Tgt Ion: 75 Resp: 3324
Ion Ratio Lower Upper
75 100
77 51.4 22.4 41.6#

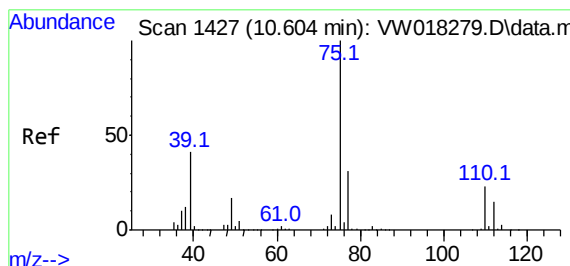
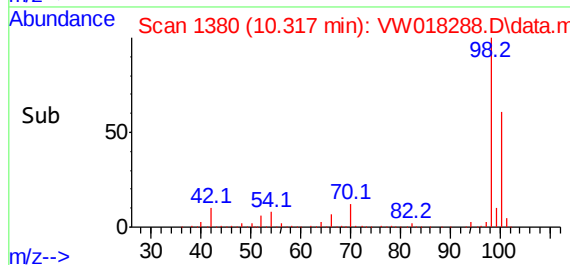
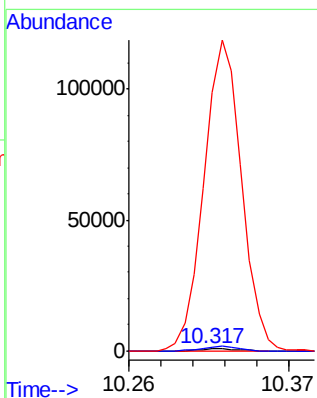
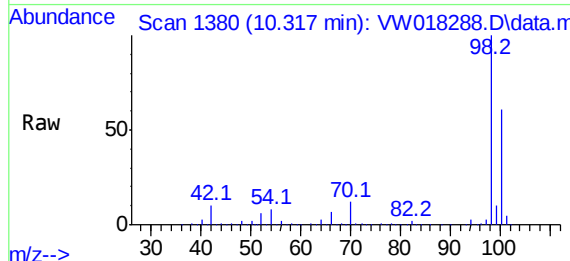




#43
4-Methyl-2-pentanone
Concen: 0.77 ug/L
RT: 10.317 min Scan# 1380
Delta R.T. 0.110 min
Lab File: VW018288.D
Acq: 10 Mar 2021 15:17

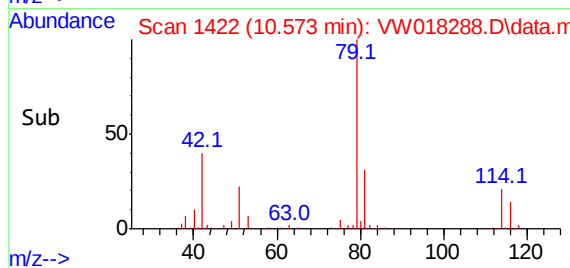
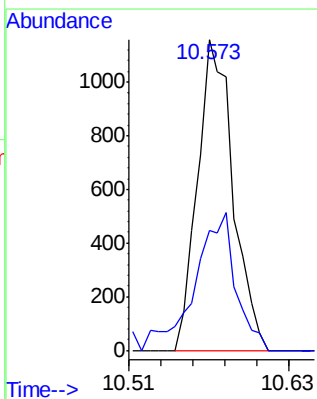
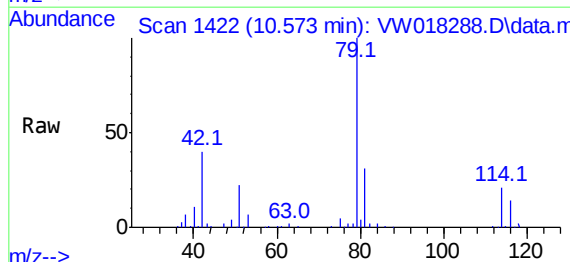
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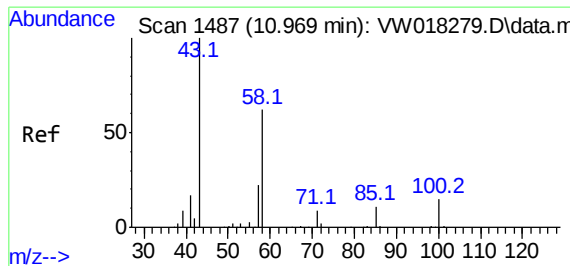
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 205.3 34.8 52.2#
100 16503.6 15.9 23.9#



#45
trans-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018288.D
Acq: 10 Mar 2021 15:17

Tgt Ion: 75 Resp: 2056
Ion Ratio Lower Upper
75 100
77 38.6 22.6 42.0

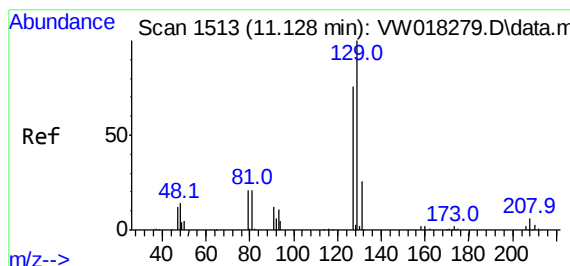
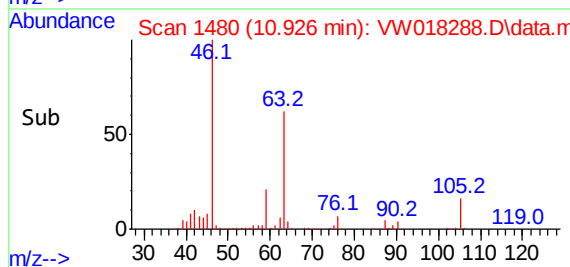
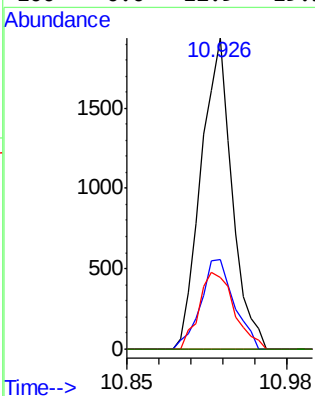
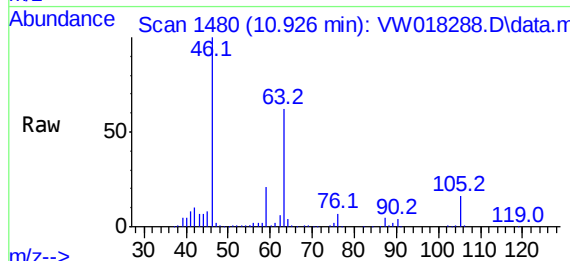




#49
2-Hexanone
Concen: 2.89 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018288.D
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Tgt Ion:	43	Resp:	3193
Ion	Ratio	Lower	Upper
43	100		
58	31.0	47.3	70.9#
57	27.8	17.3	25.9#
100	0.0	12.9	19.3#



#50
Dibromochloromethane
Concen: 0.22 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW018288.D
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Tgt Ion:	129	Resp:	681
Ion	Ratio	Lower	Upper
129	100		
127	0.0	58.0	107.6#

