

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018138.D
 Acq On : 15 Feb 2021 16:16
 Operator : SY/VA
 Sample : M1370-13RE
 Misc : 4.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY9RE

Quant Time: Feb 16 02:25:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

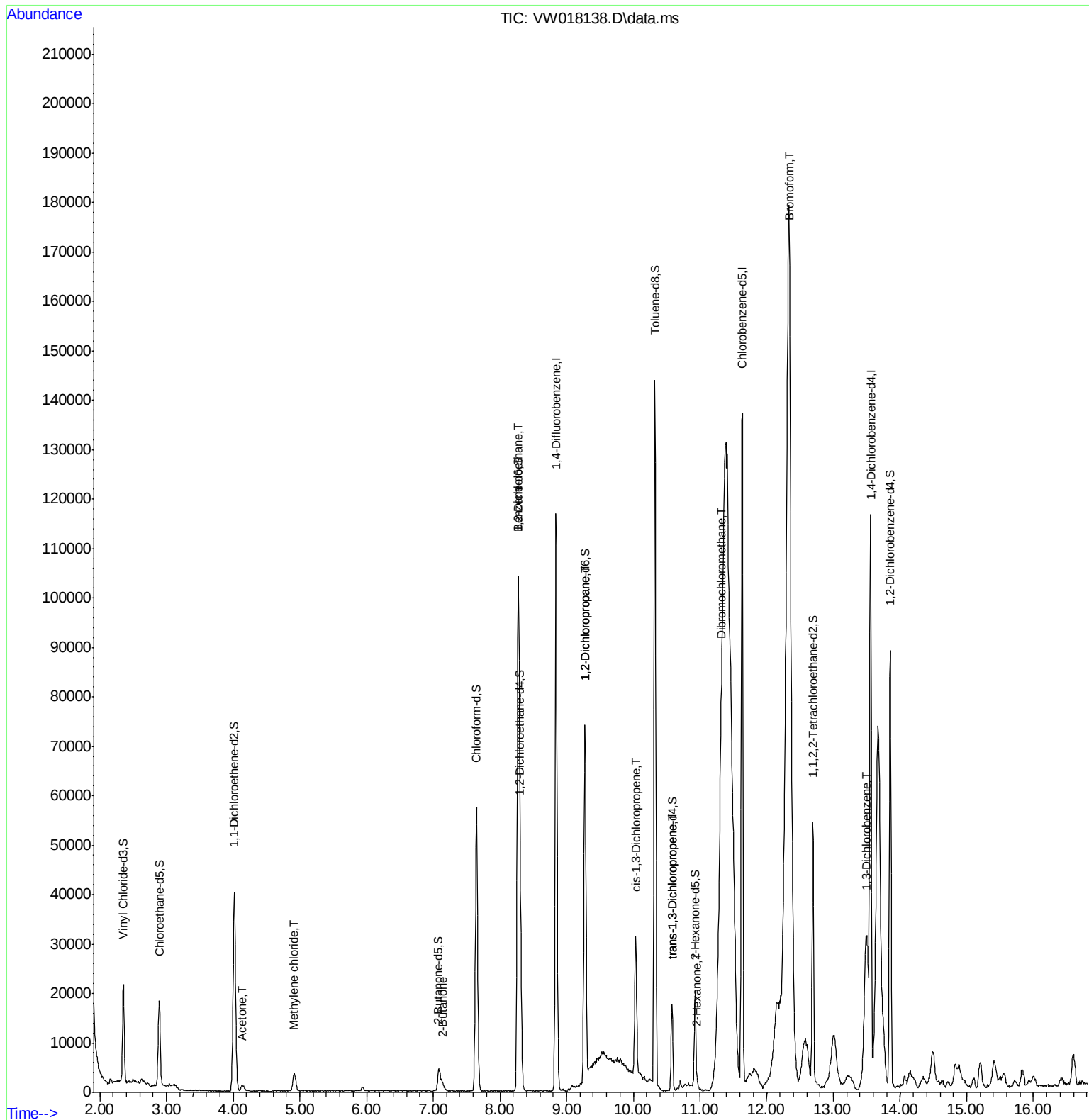
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	84539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	31964	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	20374	15.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.40%		
7) Chloroethane-d5	2.891	69	20786	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.52%		
10) 1,1-Dichloroethene-d2	4.013	63	38566	15.01	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.04%		
20) 2-Butanone-d5	7.080	46	8188	23.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	47.74%		
24) Chloroform-d	7.647	84	59846	22.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.20%		
26) 1,2-Dichloroethane-d4	8.305	65	30709	21.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.96%		
29) Benzene-d6	8.275	84	112132	24.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.64%		
33) 1,2-Dichloropropane-d6	9.274	67	33477	25.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.16%		
37) Toluene-d8	10.323	98	96259	21.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.16%		
38) trans-1,3-Dichloroprop...	10.579	79	10442	17.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.96%		
39) 2-Hexanone-d5	10.920	63	6792	27.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	54.72%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	24963	21.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	24938	21.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.48%		
Target Compounds						
13) Acetone	4.141	43	1926	7.59	ug/L	85
16) Methylene chloride	4.909	84	1499	0.90	ug/L	87
21) 2-Butanone	7.141	43	1588	4.11	ug/L #	46
27) 1,2-Dichloroethane	8.275	62	705	0.42	ug/L #	73
40) 1,2-Dichloropropane	9.274	63	3579	3.16	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	681	0.37	ug/L #	26
45) trans-1,3-Dichloropropene	10.579	75	462	0.29	ug/L	94
49) 2-Hexanone	10.951	43	705	1.44	ug/L #	33
50) Dibromochloromethane	11.323	129	2381	2.05	ug/L #	42
62) Bromoform	12.341	173	211	0.43	ug/L #	1
63) 1,3-Dichlorobenzene	13.499	146	519	0.25	ug/L #	23

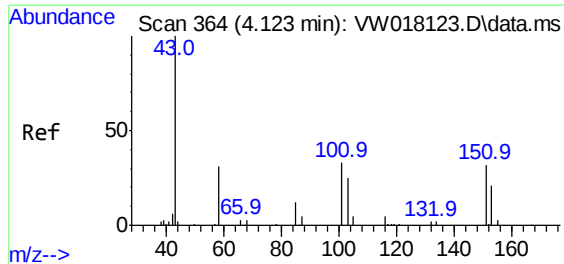
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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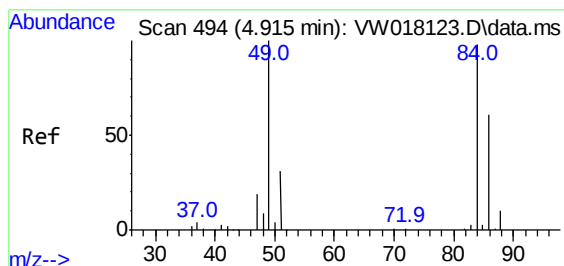
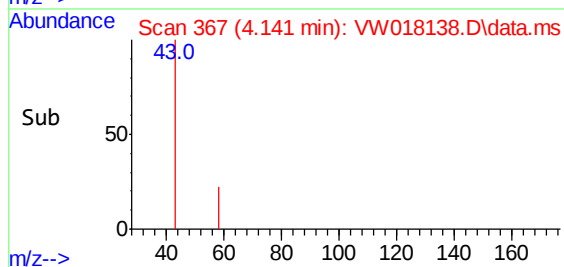
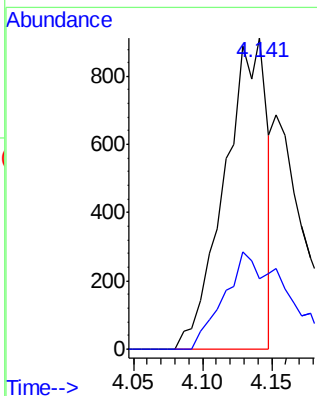
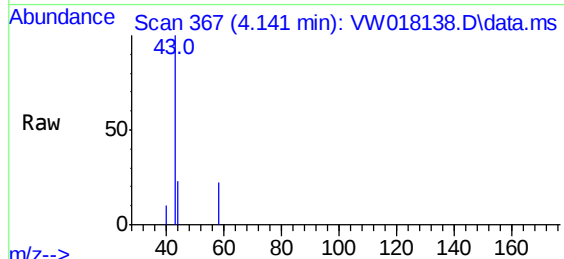




#13
Acetone
Concen: 7.59 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

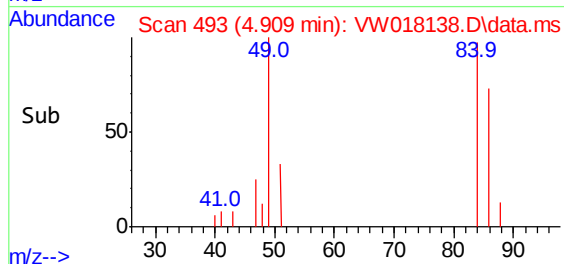
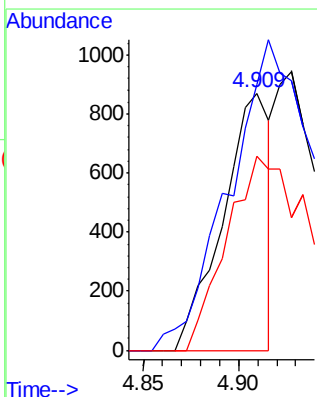
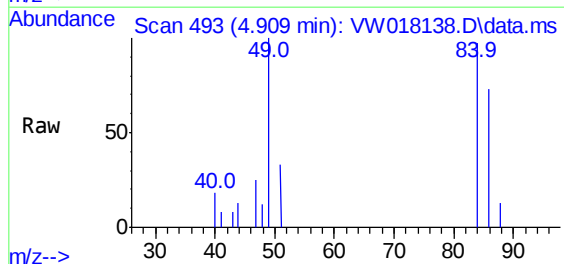
Instrument :
MSVOA_W
ClientSampled :
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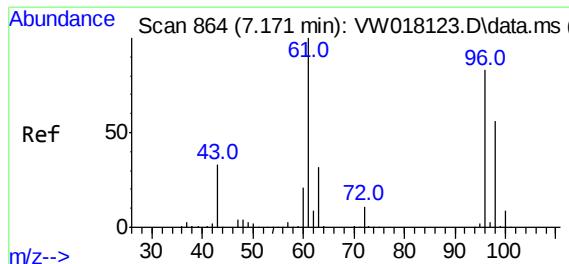
Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
58 25.8 0.0 68.4



#16
Methylene chloride
Concen: 0.90 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

Tgt Ion: 84 Resp: 1499
Ion Ratio Lower Upper
84 100
49 103.6 81.2 150.8
86 75.3 44.5 82.7

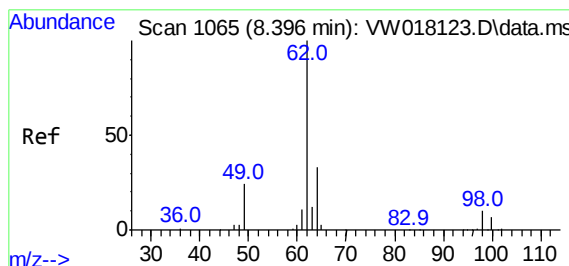
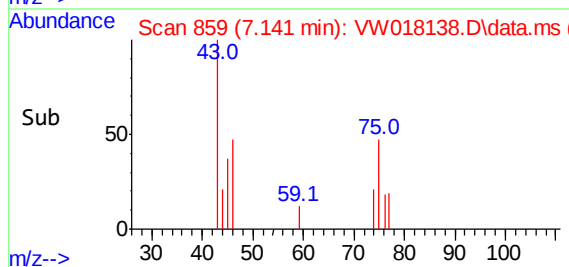
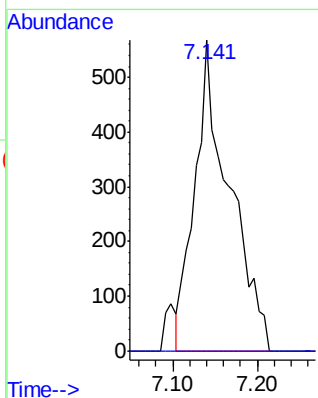
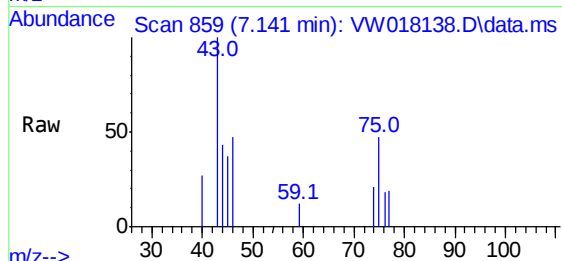




#21
2-Butanone
Concen: 4.11 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.030 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

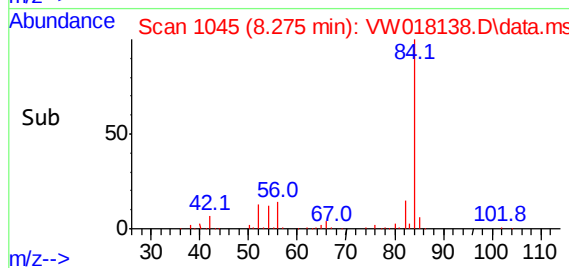
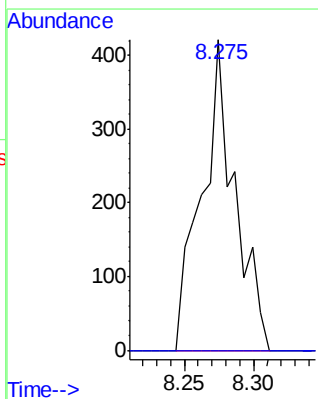
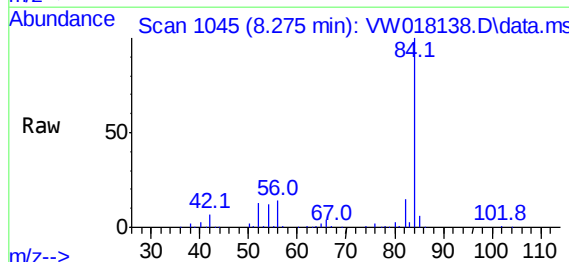
Instrument :
MSVOA_W
ClientSampled :
DBGY9RE

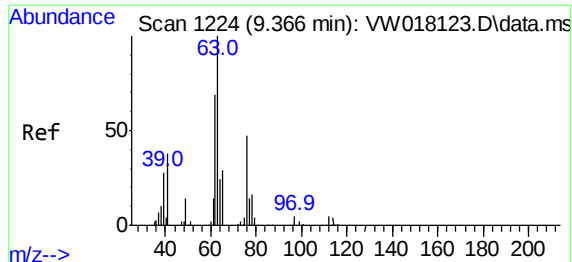
Tgt Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#27
1,2-Dichloroethane
Concen: 0.42 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

Tgt Ion: 62 Resp: 705
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#

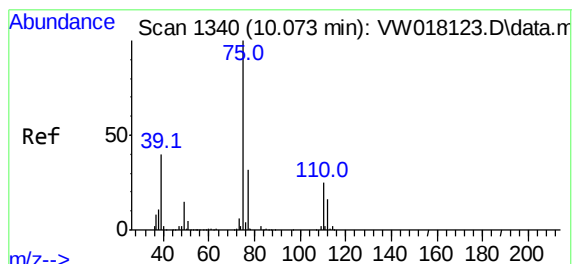
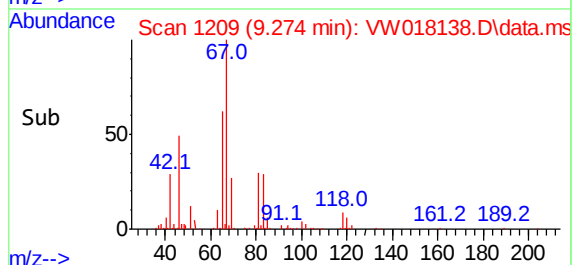
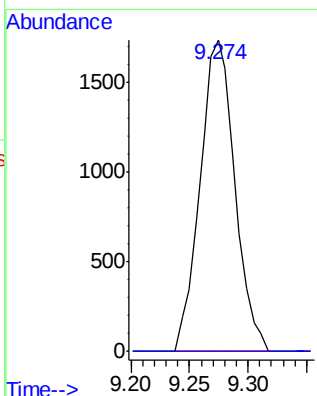
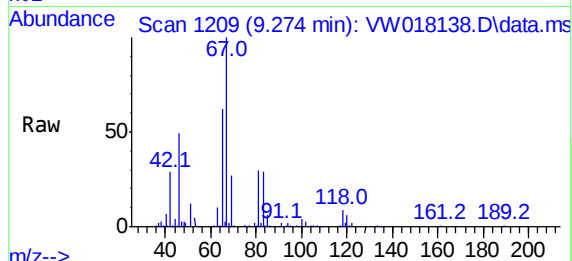




#40
1,2-Dichloropropane
Concen: 3.16 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

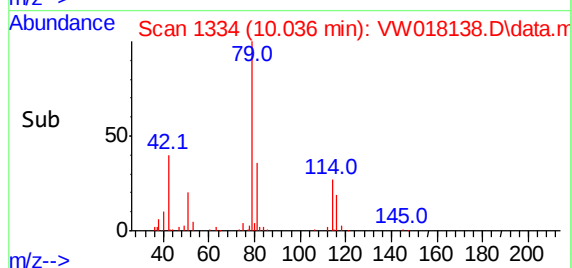
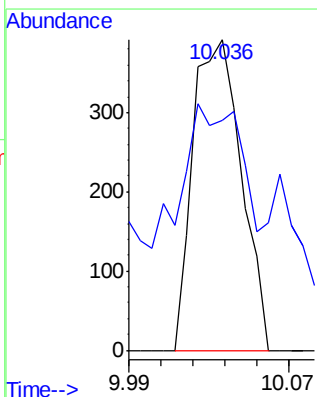
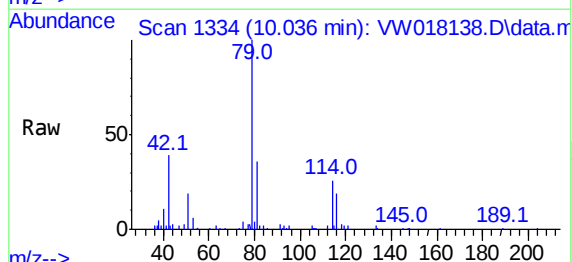
Instrument :
MSVOA_W
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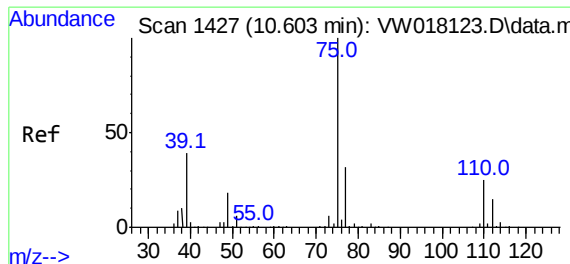
Tgt Ion: 63 Resp: 3579
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

Tgt Ion: 75 Resp: 681
Ion Ratio Lower Upper
75 100
77 74.2 22.7 42.3#

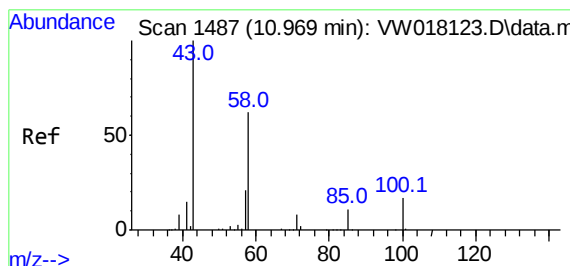
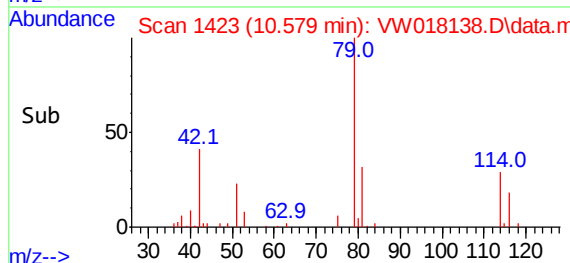
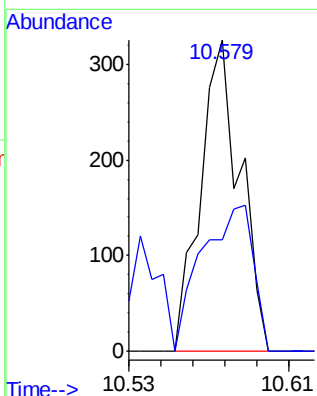
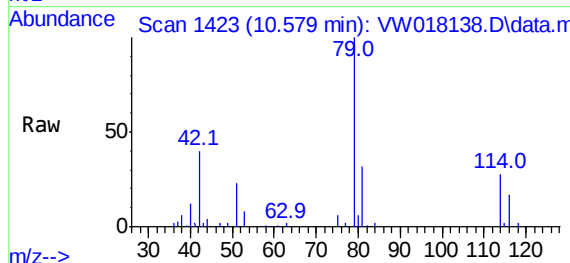




#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

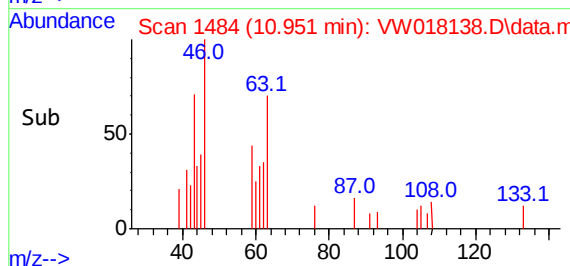
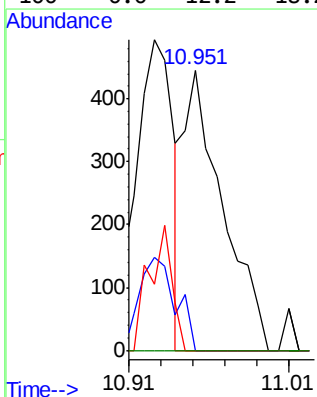
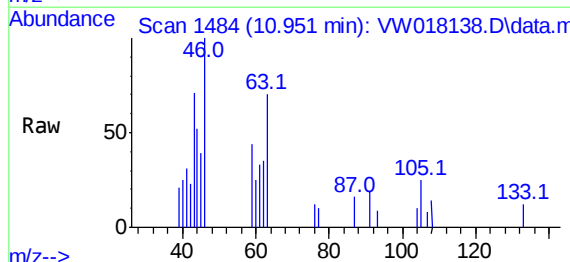
Instrument :
MSVOA_W
ClientSampled :
DBGY9RE

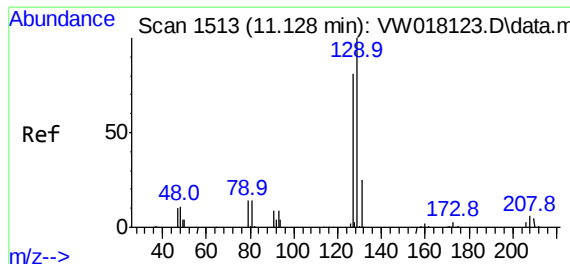
Tgt Ion: 75 Resp: 462
Ion Ratio Lower Upper
75 100
77 35.9 22.6 42.0



#49
2-Hexanone
Concen: 1.44 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 0.0 51.3 76.9#
57 0.0 15.0 22.6#
100 0.0 12.2 18.2#

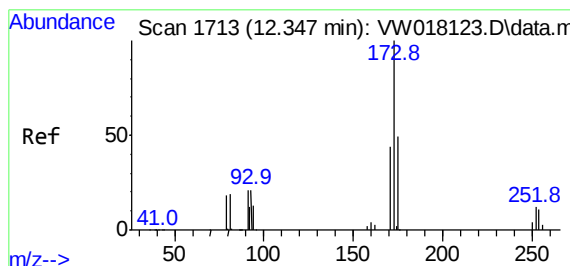
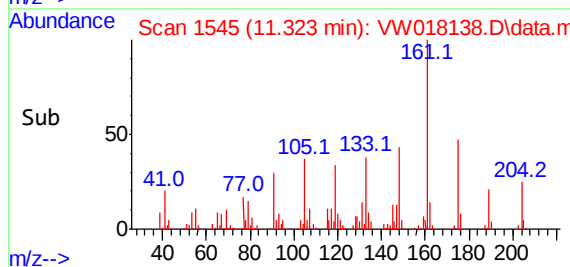
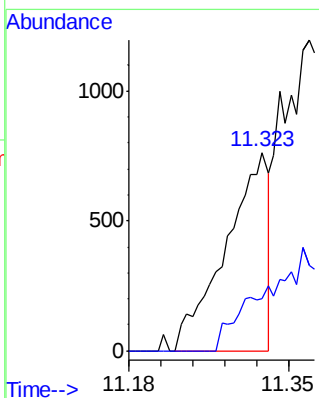
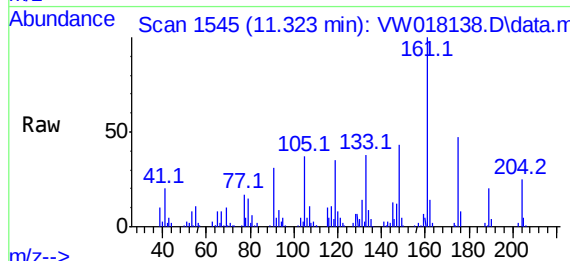




#50
Dibromochloromethane
Concen: 2.05 ug/L
RT: 11.323 min Scan# 1545
Delta R.T. 0.195 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

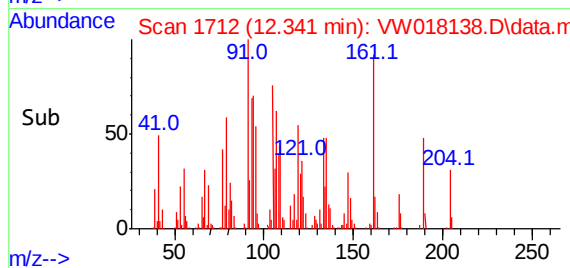
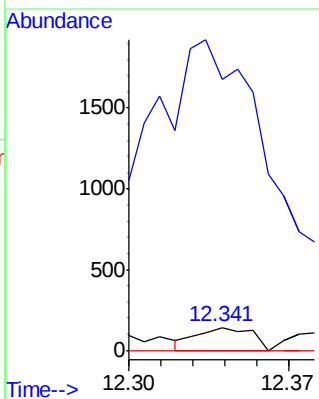
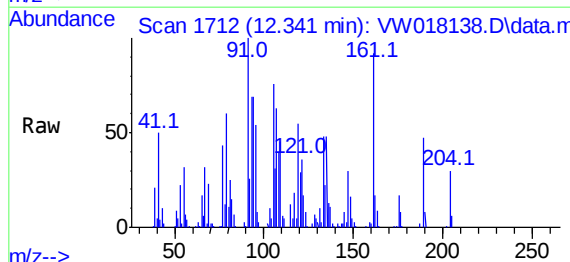
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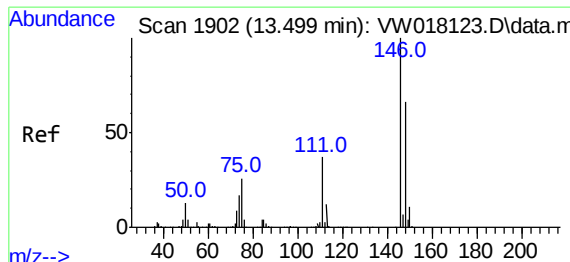
Tgt Ion:129 Resp: 2381
Ion Ratio Lower Upper
129 100
127 26.3 53.2 98.8#



#62
Bromoform
Concen: 0.43 ug/L
RT: 12.341 min Scan# 1712
Delta R.T. -0.006 min
Lab File: VW018138.D
Acq: 15 Feb 2021 16:16

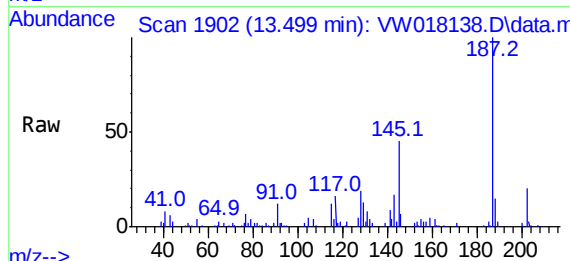
Tgt Ion:173 Resp: 211
Ion Ratio Lower Upper
173 100
175 239.3 39.1 58.7#
254 0.0 7.1 10.7#





#63
 1,3-Dichlorobenzene
 Concen: 0.25 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW018138.D
 Acq: 15 Feb 2021 16:16

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:146 Resp: 519

Ion	Ratio	Lower	Upper
146	100		
111	0.0	28.5	52.9#
148	0.0	47.8	88.8#

