

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018037.D
 Acq On : 05 Feb 2021 16:46
 Operator : SY/VA
 Sample : M1330-07
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG537

Quant Time: Feb 06 01:08:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

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

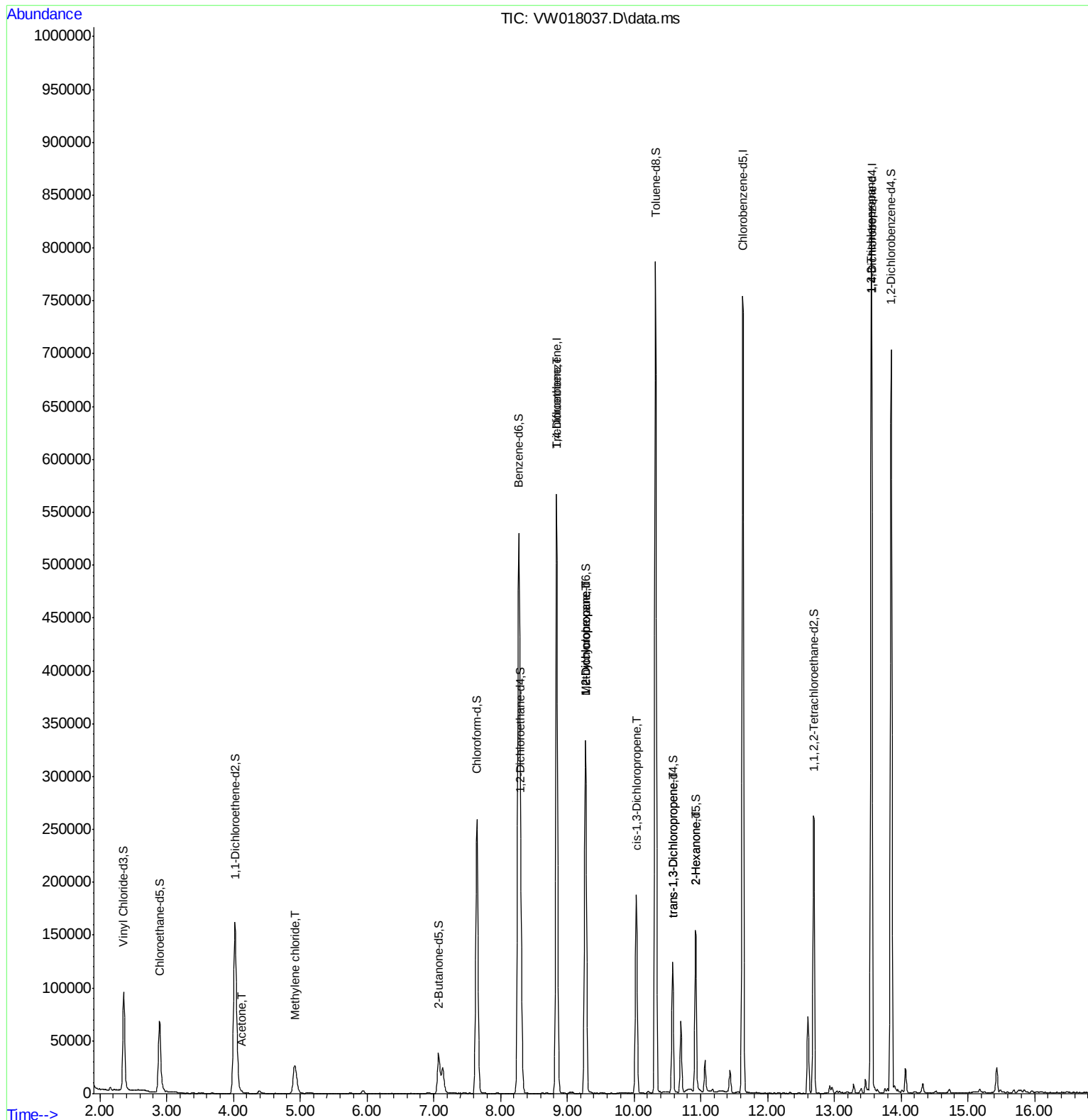
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	501245	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	442785	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	234527	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117823	18.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.64%		
7) Chloroethane-d5	2.891	69	97020	19.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.48%		
10) 1,1-Dichloroethene-d2	4.019	63	183246	14.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.84%		
20) 2-Butanone-d5	7.073	46	65303	39.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.56%		
24) Chloroform-d	7.647	84	278274	21.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.64%		
26) 1,2-Dichloroethane-d4	8.305	65	148516	21.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.80%		
29) Benzene-d6	8.274	84	557584	22.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.72%		
33) 1,2-Dichloropropane-d6	9.274	67	157719	23.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.76%		
37) Toluene-d8	10.323	98	525941	22.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.96%		
38) trans-1,3-Dichloroprop...	10.579	79	69116	22.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.68%		
39) 2-Hexanone-d5	10.920	63	55345	42.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.14%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	129857	21.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.96%		
61) 1,2-Dichlorobenzene-d4	13.853	152	194330	23.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.92%		
Target Compounds						
13) Acetone	4.123	43	2169	1.76	ug/L	61
16) Methylene chloride	4.921	84	26617	3.31	ug/L	91
35) Trichloroethene	8.841	95	14626	2.01	ug/L #	3
36) Methylcyclohexane	9.274	83	40756	3.32	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	17799	3.00	ug/L #	85
42) cis-1,3-Dichloropropene	10.036	75	4910	0.51	ug/L	87
45) trans-1,3-Dichloropropene	10.579	75	3091	0.37	ug/L	95
49) 2-Hexanone	10.920	43	6531	2.55	ug/L #	59
59) 1,2,3-Trichloropropane	13.554	75	23453	5.16	ug/L	96

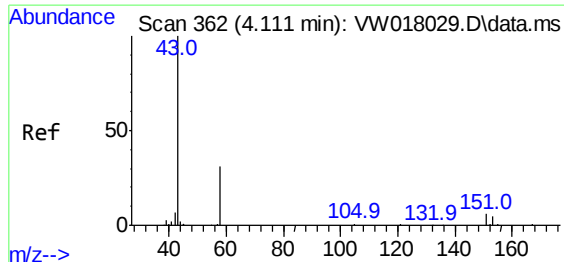
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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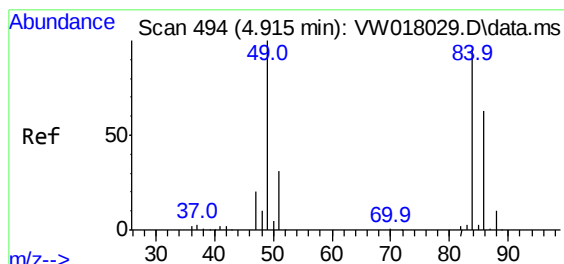
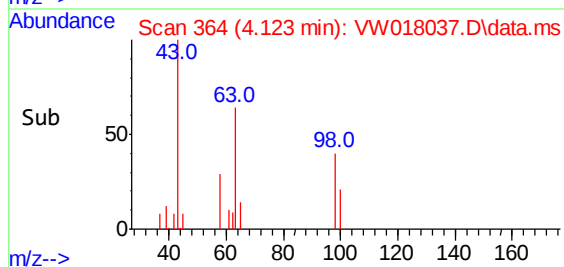
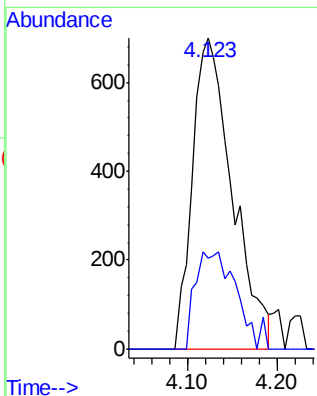
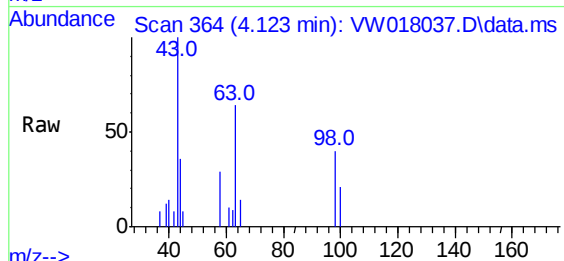




#13
Acetone
Concen: 1.76 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.012 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

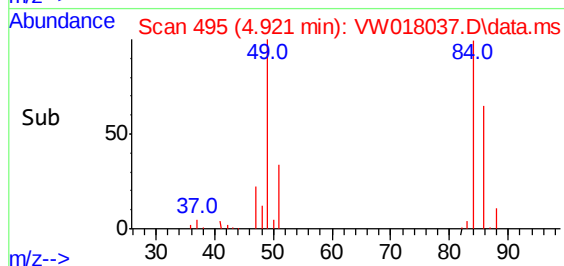
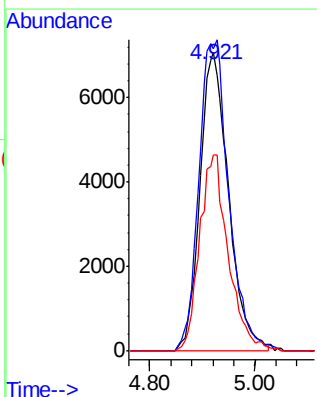
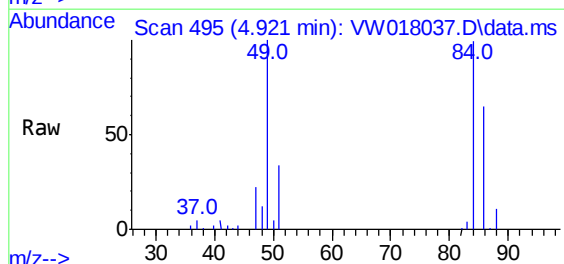
Instrument :
MSVOA_W
ClientSampled :
BG537

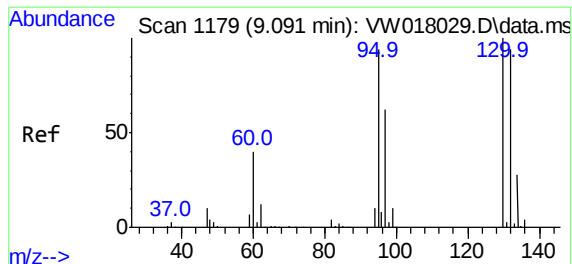
Tgt Ion: 43 Resp: 2169
Ion Ratio Lower Upper
43 100
58 11.8 0.0 68.4



#16
Methylene chloride
Concen: 3.31 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

Tgt Ion: 84 Resp: 26617
Ion Ratio Lower Upper
84 100
49 101.5 81.2 150.8
86 65.5 44.5 82.7

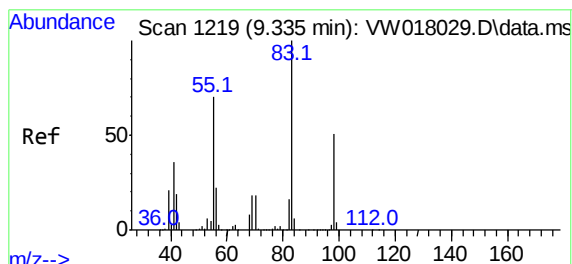
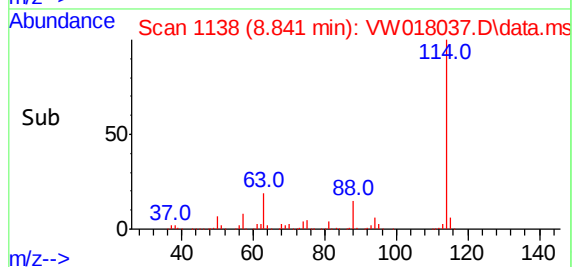
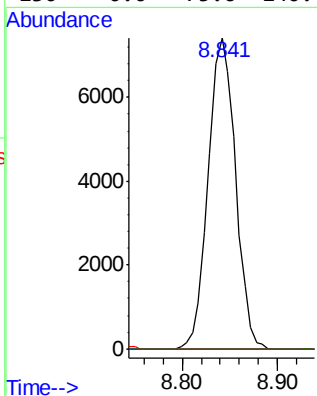
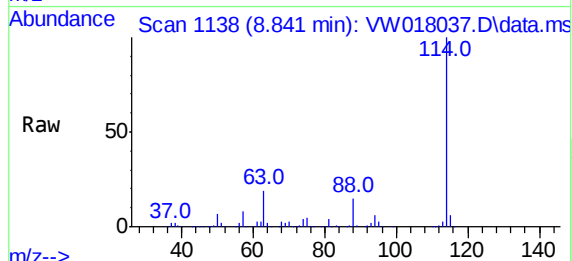




#35
Trichloroethene
Concen: 2.01 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

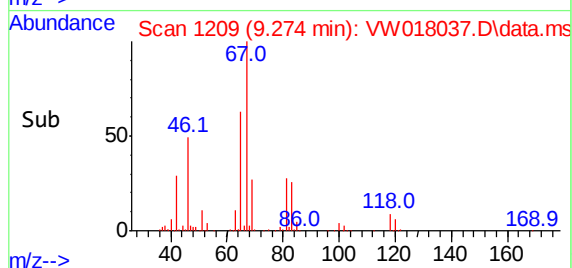
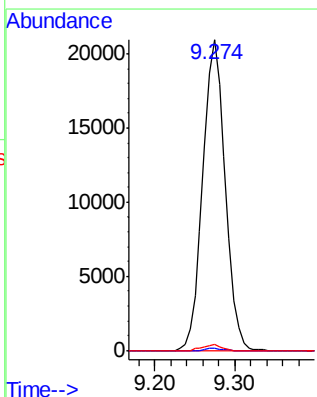
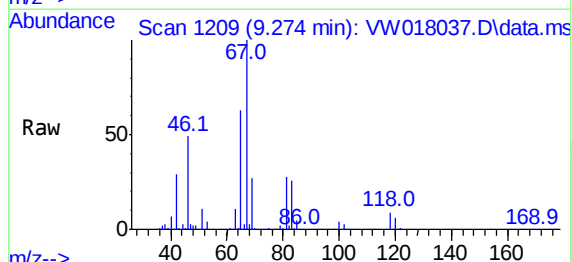
Instrument :
MSVOA_W
ClientSampled :
BG537

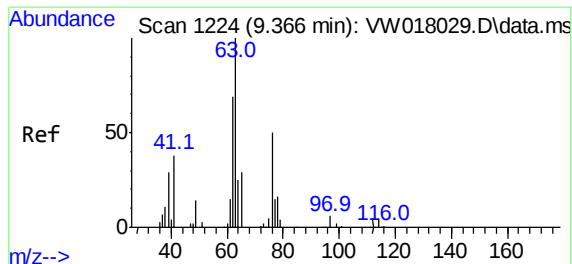
Tgt Ion: 95 Resp: 14626
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#36
Methylcyclohexane
Concen: 3.32 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

Tgt Ion: 83 Resp: 40756
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.6 40.7 61.1#

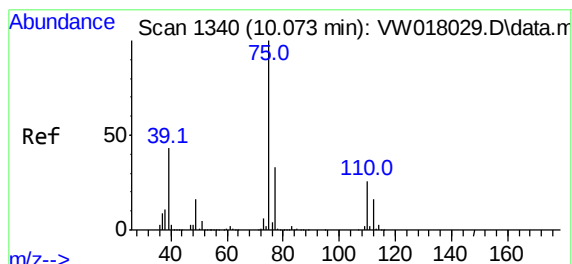
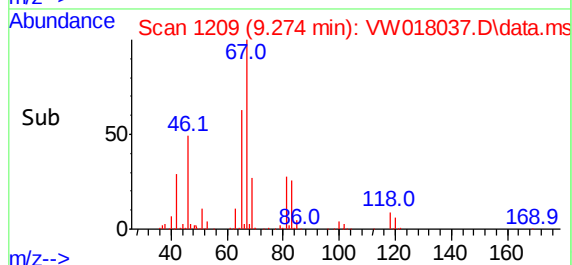
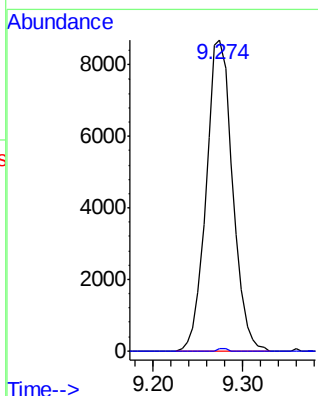
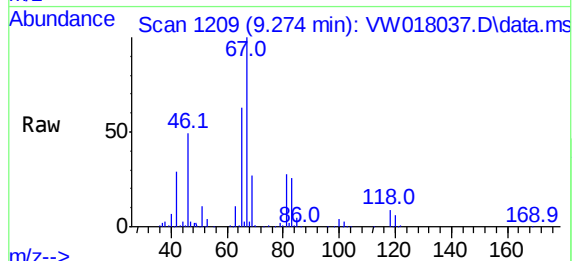




#40
1,2-Dichloropropane
Concen: 3.00 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

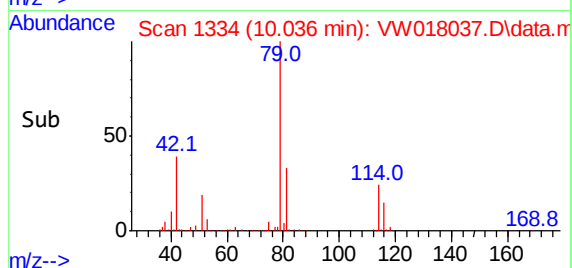
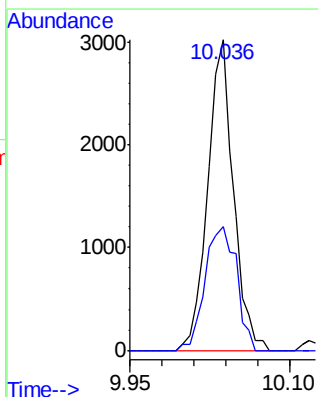
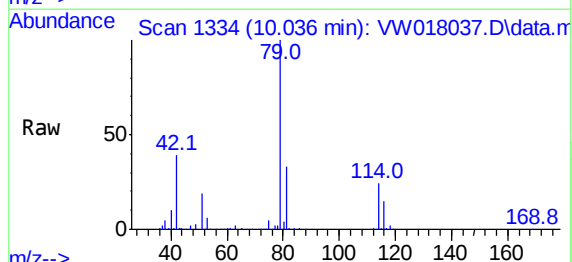
Instrument :
MSVOA_W
ClientSampled :
BG537

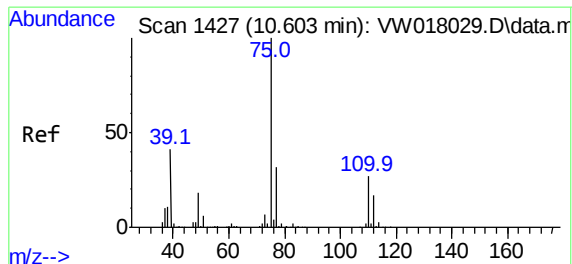
Tgt Ion: 63 Resp: 17799
Ion Ratio Lower Upper
63 100
112 0.2 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.51 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

Tgt Ion: 75 Resp: 4910
Ion Ratio Lower Upper
75 100
77 39.8 22.7 42.3

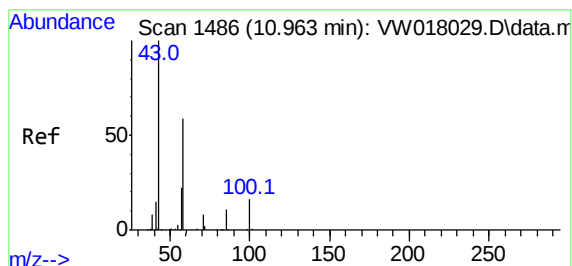
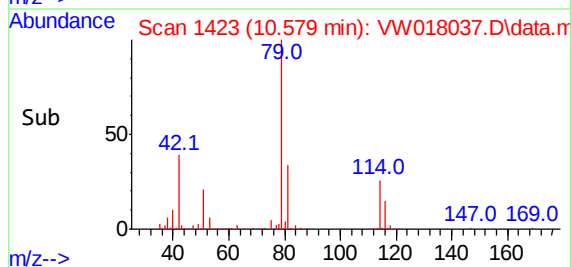
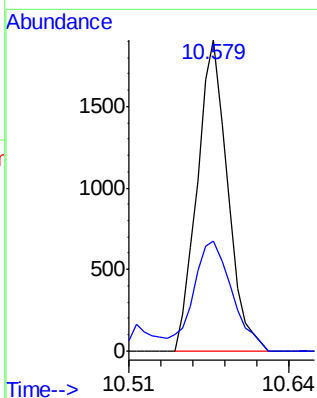
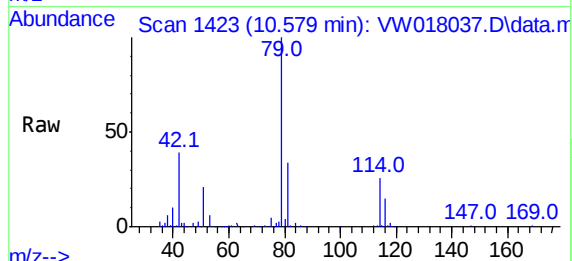




#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

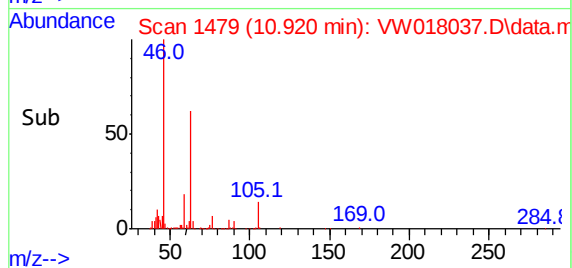
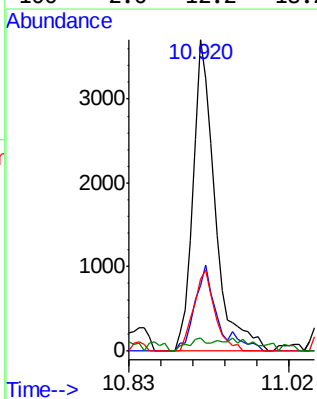
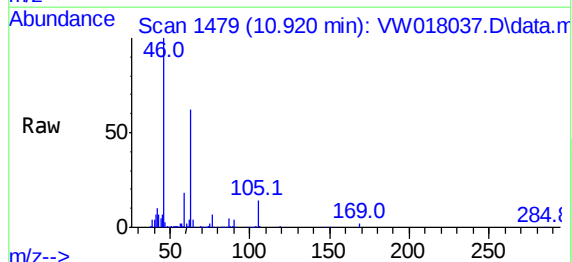
Instrument :
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ClientSampleId :
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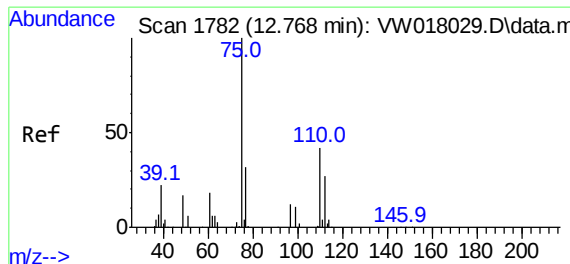
Tgt Ion: 75 Resp: 3091
Ion Ratio Lower Upper
75 100
77 35.3 22.6 42.0



#49
2-Hexanone
Concen: 2.55 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.043 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

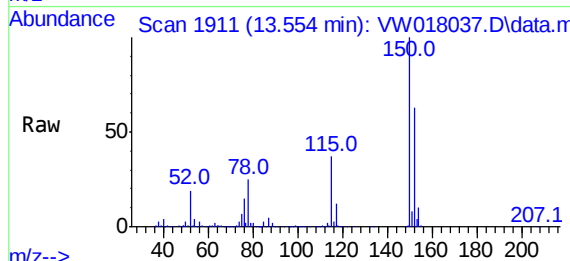
Tgt Ion: 43 Resp: 6531
Ion Ratio Lower Upper
43 100
58 24.1 51.3 76.9#
57 24.5 15.0 22.6#
100 2.0 12.2 18.2#





#59
1,2,3-Trichloropropane
Concen: 5.16 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018037.D
Acq: 05 Feb 2021 16:46

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 75 Resp: 23453
Ion Ratio Lower Upper
75 100
77 35.6 26.6 39.8

