

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018111.D
 Acq On : 12 Feb 2021 15:35
 Operator : SY/VA
 Sample : M1371-19
 Misc : 4.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH33

Quant Time: Feb 12 22:46:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

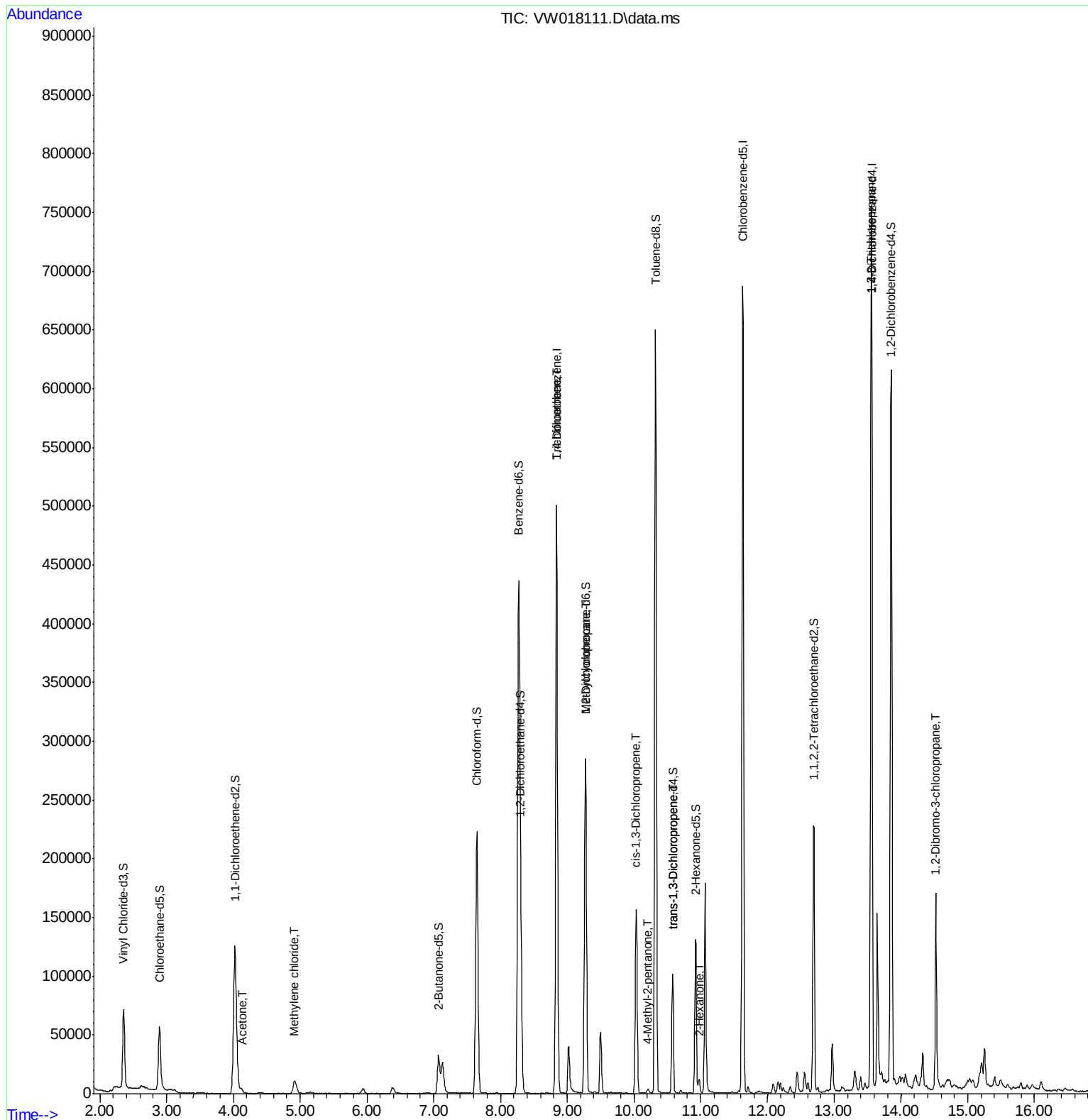
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	447269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	410329	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	217994	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	82091	14.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.08%		
7) Chloroethane-d5	2.892	69	72934	16.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.12%		
10) 1,1-Dichloroethene-d2	4.019	63	137385	12.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.44%		
20) 2-Butanone-d5	7.074	46	56422	38.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.08%		
24) Chloroform-d	7.647	84	237378	20.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.88%		
26) 1,2-Dichloroethane-d4	8.305	65	125996	20.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.60%		
29) Benzene-d6	8.275	84	468448	20.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.16%		
33) 1,2-Dichloropropane-d6	9.275	67	134894	21.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.64%		
37) Toluene-d8	10.323	98	432937	20.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.80%		
38) trans-1,3-Dichloroprop...	10.579	79	57462	20.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.48%		
39) 2-Hexanone-d5	10.921	63	48889	40.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.16%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	114452	20.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.72%		
61) 1,2-Dichlorobenzene-d4	13.847	152	165750	21.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.24%		
Target Compounds						Qvalue
13) Acetone	4.129	43	5328	4.85	ug/L	76
16) Methylene chloride	4.910	84	5871	0.82	ug/L	91
35) Trichloroethene	8.842	95	12708	1.88	ug/L #	3
36) Methylcyclohexane	9.275	83	34929	3.07	ug/L #	19
42) cis-1,3-Dichloropropene	10.031	75	3942	0.44	ug/L	84
43) 4-Methyl-2-pentanone	10.207	43	2461	0.72	ug/L #	89
45) trans-1,3-Dichloropropene	10.579	75	2445	0.32	ug/L #	75
49) 2-Hexanone	10.982	43	1587	0.67	ug/L #	1
59) 1,2,3-Trichloropropane	13.554	75	22022	5.23	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.518	75	1142	1.20	ug/L #	1

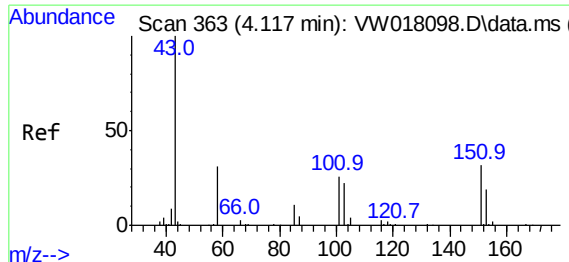
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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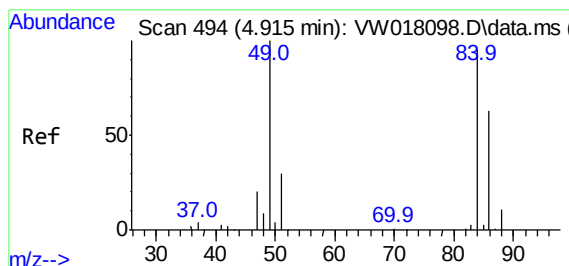
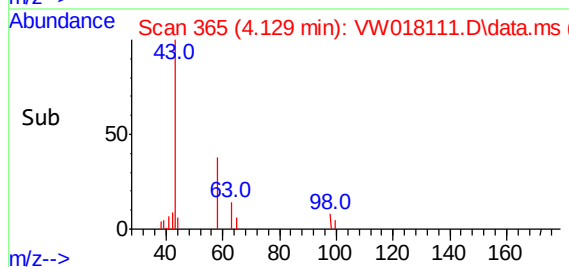
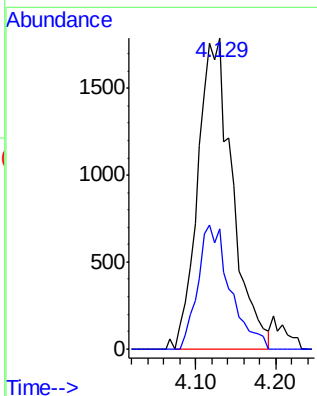
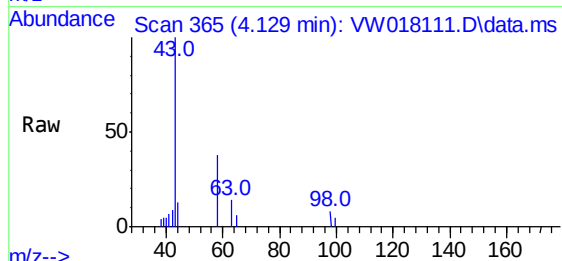




#13
Acetone
Concen: 4.85 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

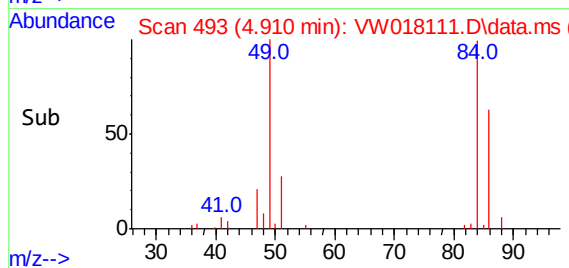
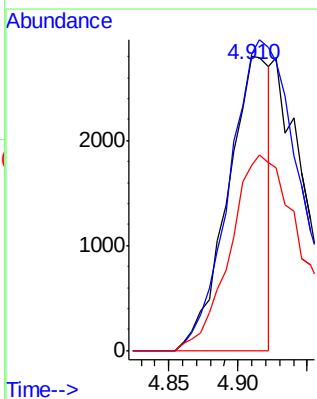
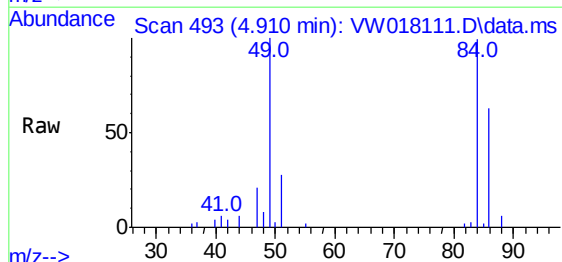
Instrument :
MSVOA_W
ClientSampled :
DBH33

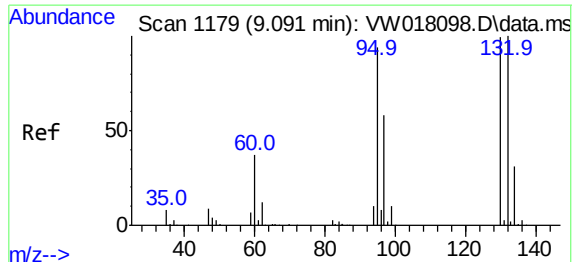
Tgt Ion: 43 Resp: 5328
Ion Ratio Lower Upper
43 100
58 20.2 0.0 68.4



#16
Methylene chloride
Concen: 0.82 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

Tgt Ion: 84 Resp: 5871
Ion Ratio Lower Upper
84 100
49 100.6 81.2 150.8
86 63.0 44.5 82.7

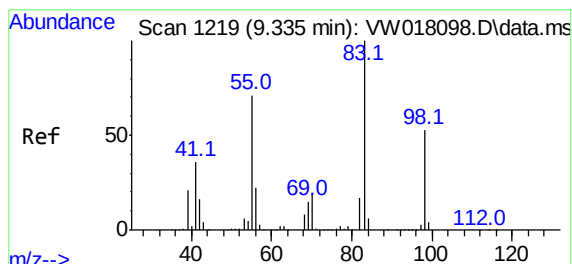
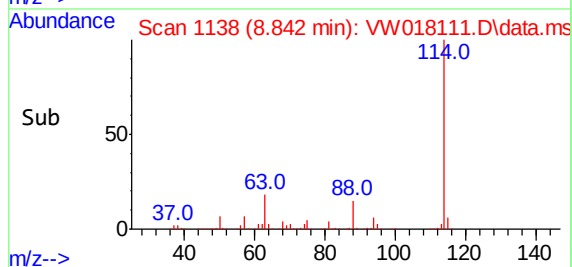
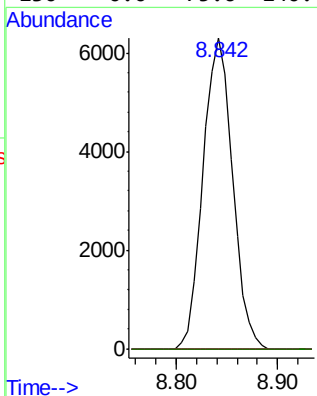
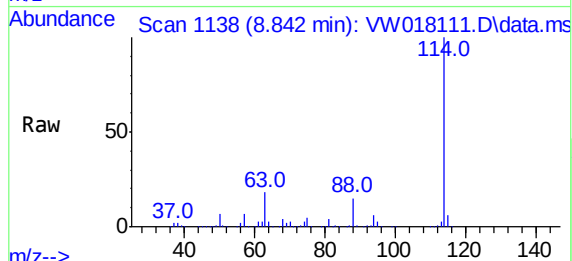




#35
Trichloroethene
Concen: 1.88 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

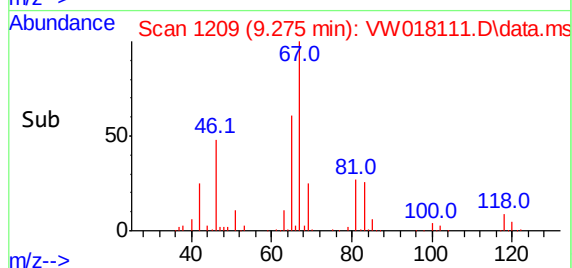
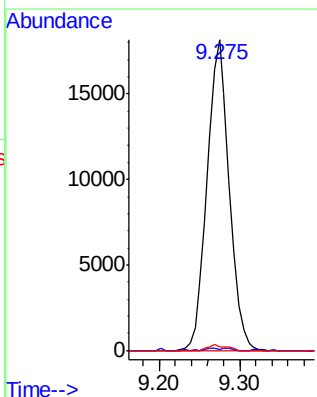
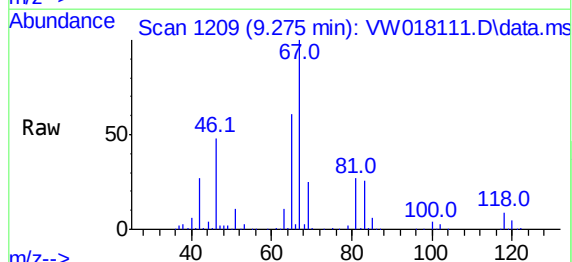
Instrument :
MSVOA_W
ClientSampleId :
DBH33

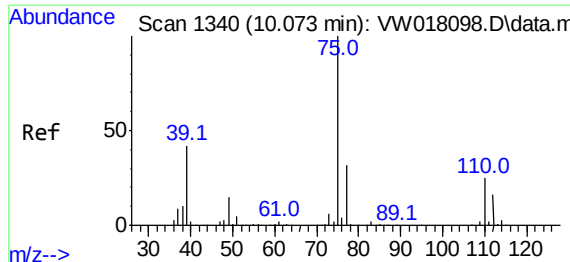
Tgt Ion:	95	Resp:	12708
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 3.07 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

Tgt Ion:	83	Resp:	34929
Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.4	89.0#
98	1.0	40.7	61.1#

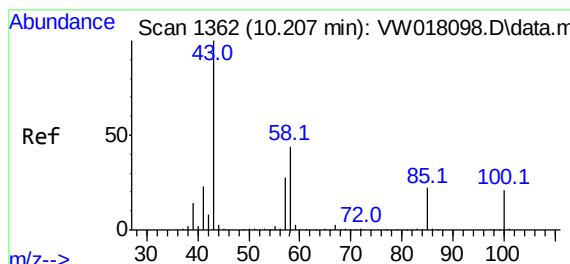
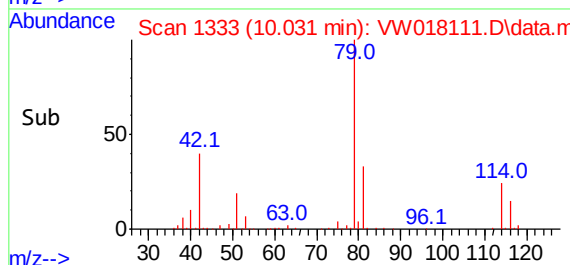
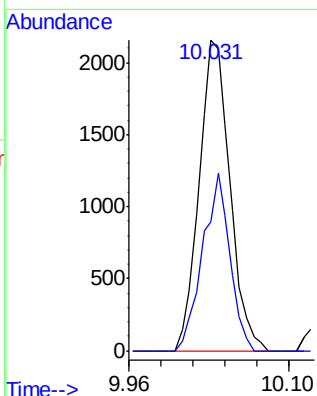
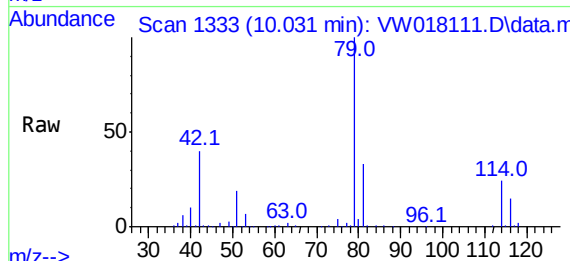




#42
cis-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.042 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

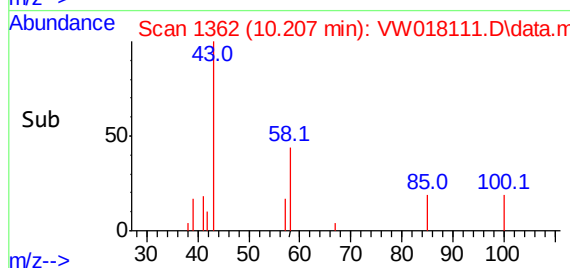
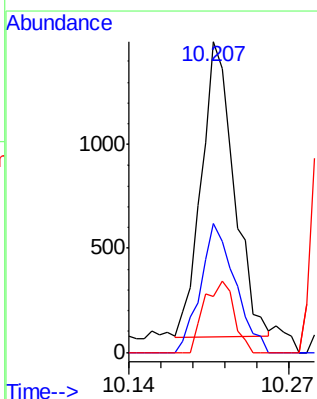
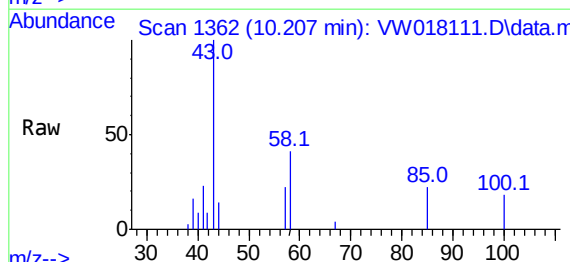
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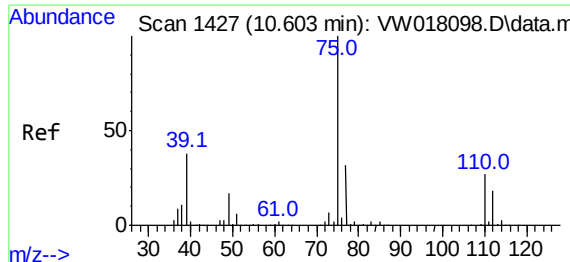
Tgt Ion: 75 Resp: 3942
Ion Ratio Lower Upper
75 100
77 41.6 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 0.72 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
58 46.4 31.6 47.4
100 22.1 14.1 21.1#

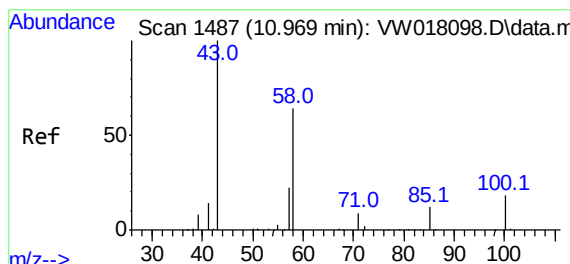
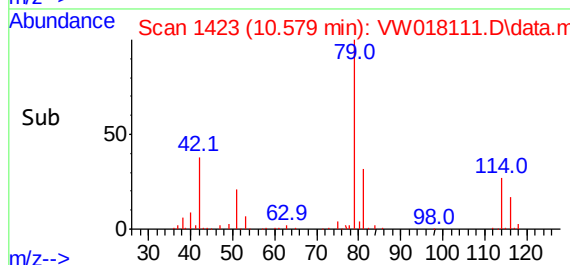
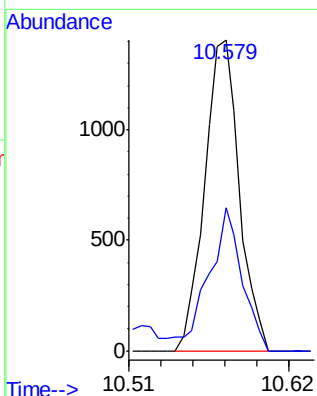
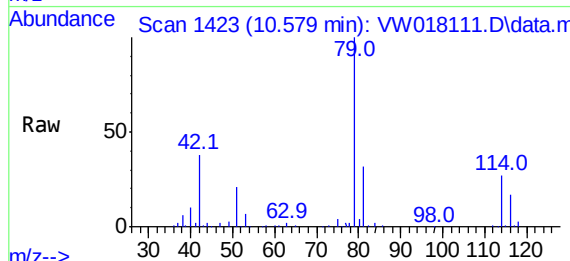




#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

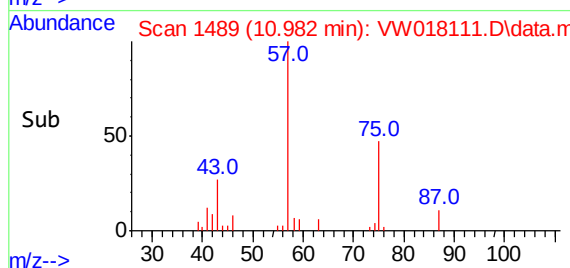
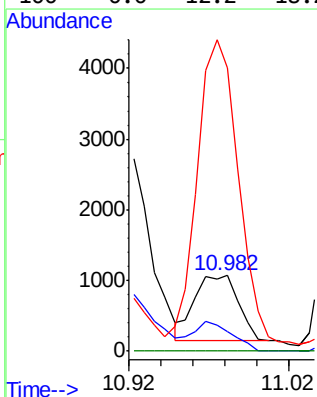
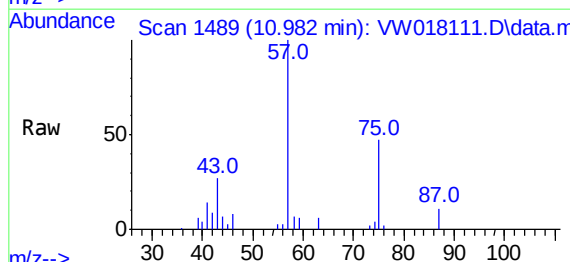
Instrument :
MSVOA_W
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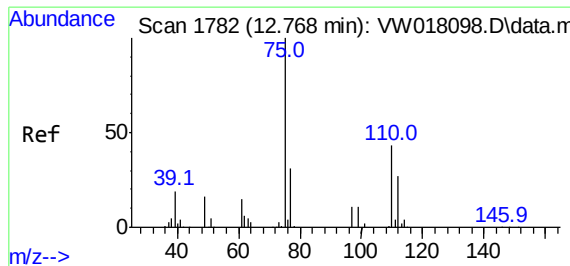
Tgt Ion: 75 Resp: 2445
Ion Ratio Lower Upper
75 100
77 46.2 22.6 42.0#



#49
2-Hexanone
Concen: 0.67 ug/L
RT: 10.982 min Scan# 1489
Delta R.T. 0.012 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 41.0 51.3 76.9#
57 479.0 15.0 22.6#
100 0.0 12.2 18.2#

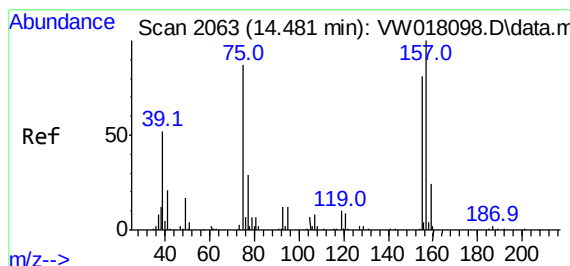
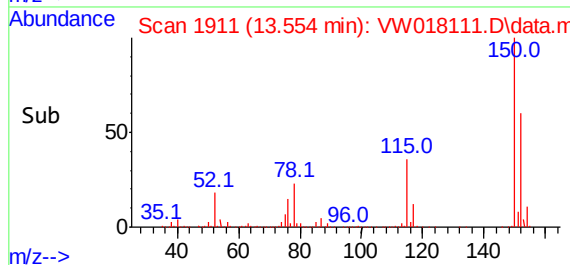
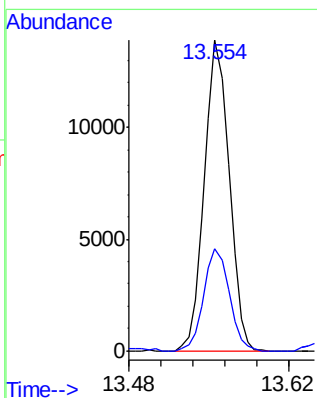
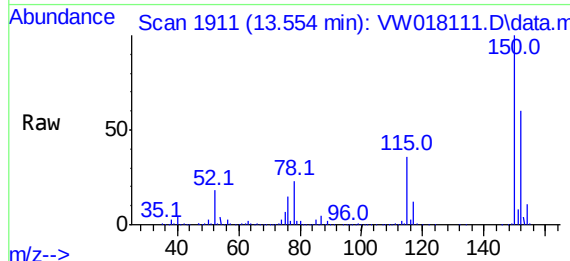




#59
1,2,3-Trichloropropane
Concen: 5.23 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

Instrument :
MSVOA_W
ClientSampled :
DBH33

Tgt Ion: 75 Resp: 22022
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8



#66
1,2-Dibromo-3-chloropropane
Concen: 1.20 ug/L
RT: 14.518 min Scan# 2069
Delta R.T. 0.037 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35

Tgt Ion: 75 Resp: 1142
Ion Ratio Lower Upper
75 100
157 0.0 99.9 149.9#
155 0.0 71.4 107.0#

