

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018108.D
 Acq On : 12 Feb 2021 14:23
 Operator : SY/VA
 Sample : M1371-16
 Misc : 4.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH30

Quant Time: Feb 12 22:45:25 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)

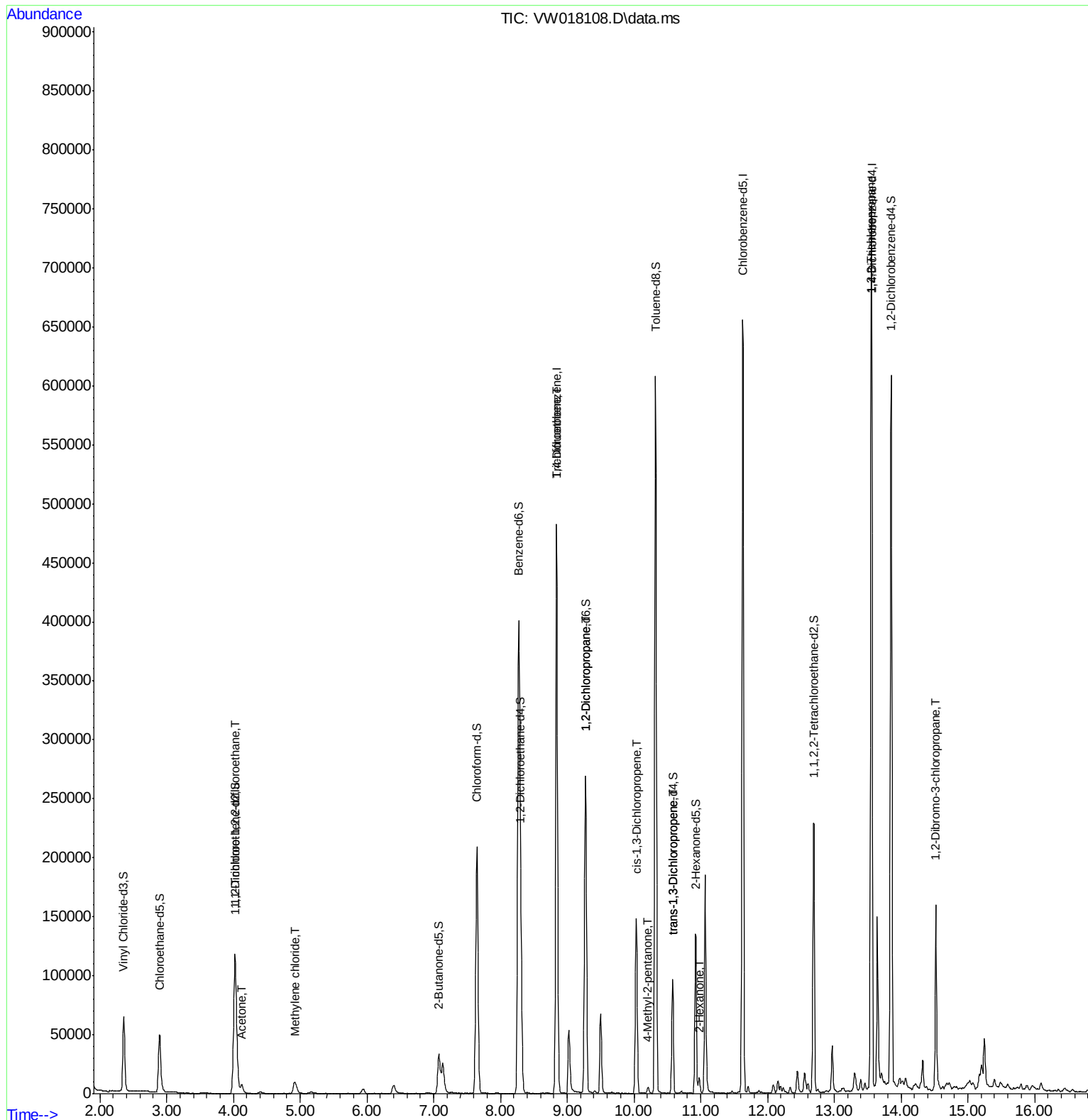
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	422958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	395471	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	212817	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77023	14.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.60%		
7) Chloroethane-d5	2.891	69	69485	16.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.64%		
10) 1,1-Dichloroethene-d2	4.025	63	130056	12.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.52%		
20) 2-Butanone-d5	7.080	46	57454	40.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.92%		
24) Chloroform-d	7.647	84	221752	19.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.92%		
26) 1,2-Dichloroethane-d4	8.305	65	120130	20.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.28%		
29) Benzene-d6	8.274	84	426815	19.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.60%		
33) 1,2-Dichloropropane-d6	9.274	67	125756	20.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.84%		
37) Toluene-d8	10.323	98	404394	19.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.28%		
38) trans-1,3-Dichloroprop...	10.579	79	54971	19.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.88%		
39) 2-Hexanone-d5	10.920	63	48463	41.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.48%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	113161	21.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	165733	21.83	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.32%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	1492	0.25	ug/L #	35
13) Acetone	4.123	43	12104	11.66	ug/L	98
16) Methylene chloride	4.921	84	9597	1.42	ug/L	95
35) Trichloroethene	8.841	95	12227	1.88	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	14152	2.67	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3809	0.45	ug/L	84
43) 4-Methyl-2-pentanone	10.207	43	3883	1.18	ug/L	98
45) trans-1,3-Dichloropropene	10.579	75	2632	0.35	ug/L	91
49) 2-Hexanone	10.975	43	2457	1.07	ug/L #	1
59) 1,2,3-Trichloropropane	13.554	75	21315	5.25	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.523	75	1035	1.12	ug/L #	1

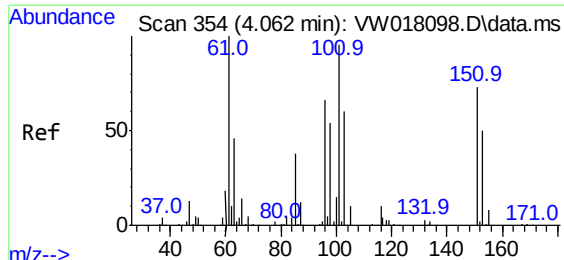
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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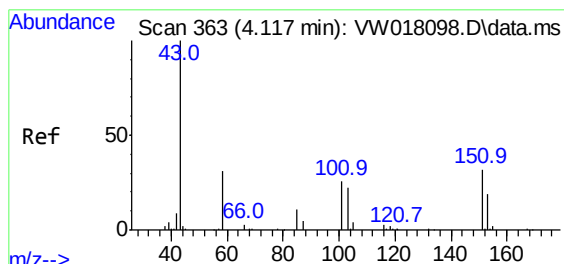
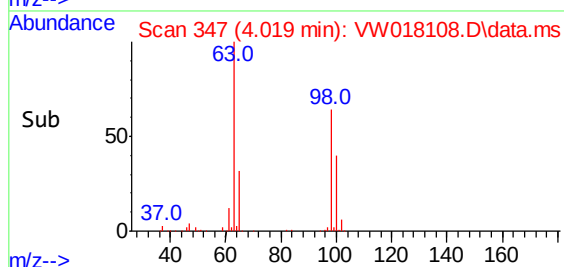
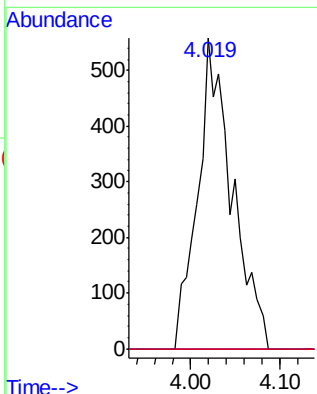
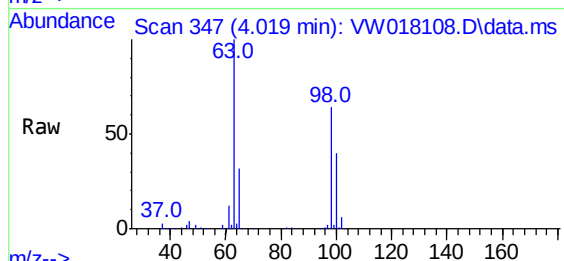




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.25 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.043 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

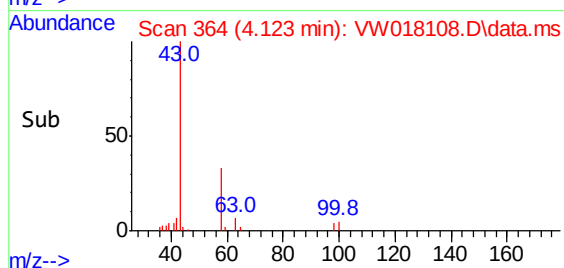
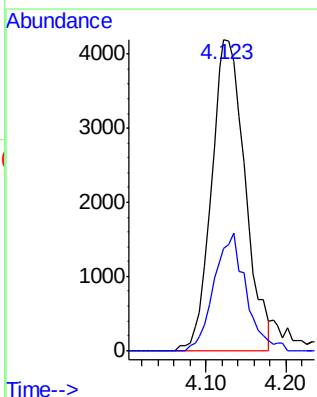
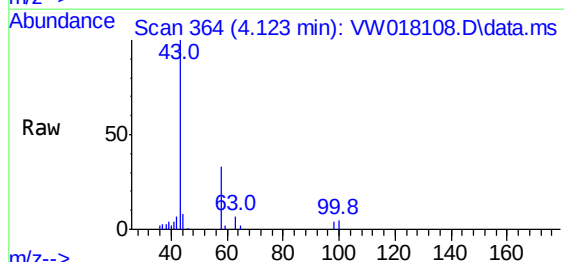
Instrument :
MSVOA_W
ClientSampleId :
DBH30

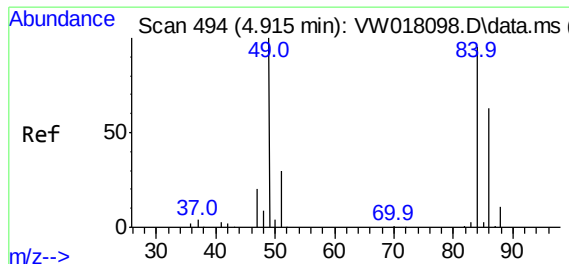
Tgt Ion:101 Resp: 1492
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.4#
151 0.0 30.4 45.6#



#13
Acetone
Concen: 11.66 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

Tgt Ion: 43 Resp: 12104
Ion Ratio Lower Upper
43 100
58 35.3 0.0 68.4



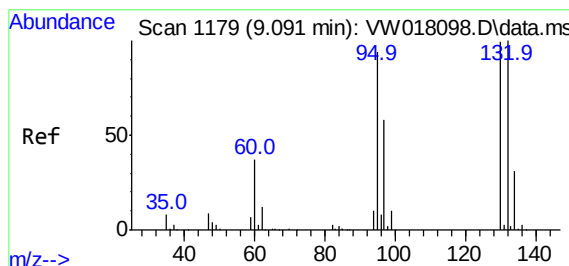
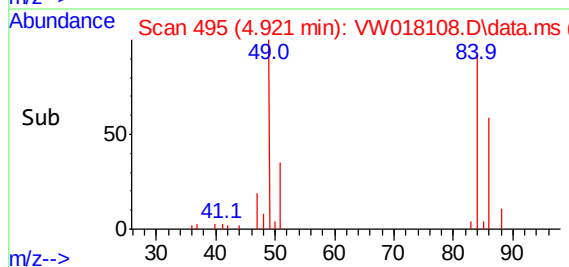
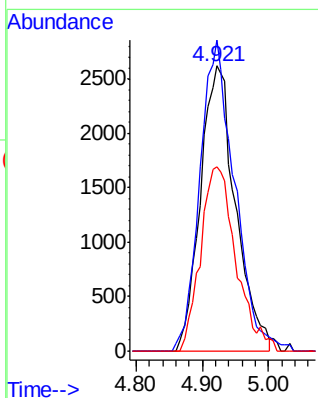
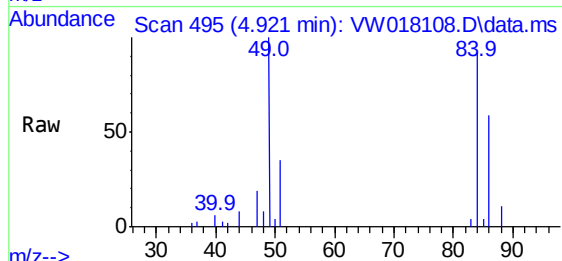


#16
Methylene chloride
Concen: 1.42 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

Instrument :
MSVOA_W
ClientSampleId :
DBH30

Tgt Ion: 84 Resp: 9597

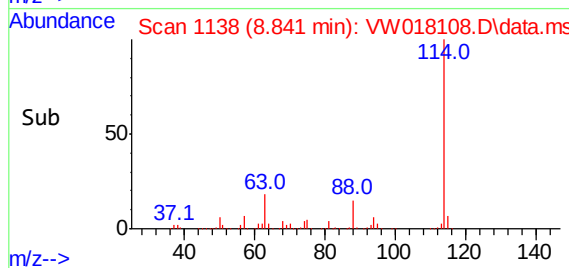
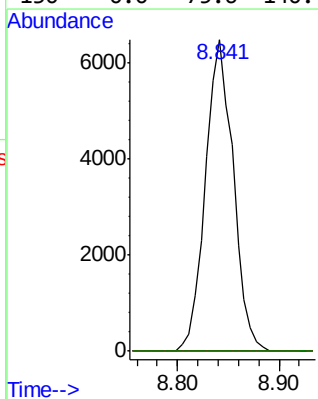
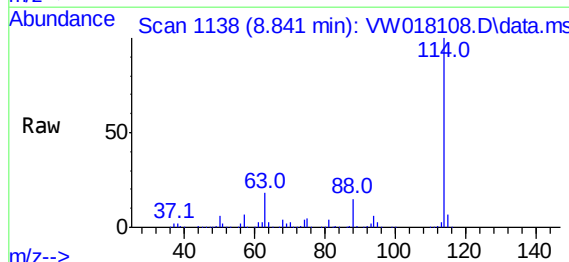
Ion	Ratio	Lower	Upper
84	100		
49	109.2	81.2	150.8
86	64.7	44.5	82.7

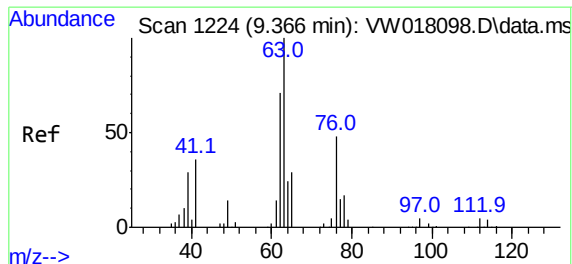


#35
Trichloroethene
Concen: 1.88 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

Tgt Ion: 95 Resp: 12227

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#

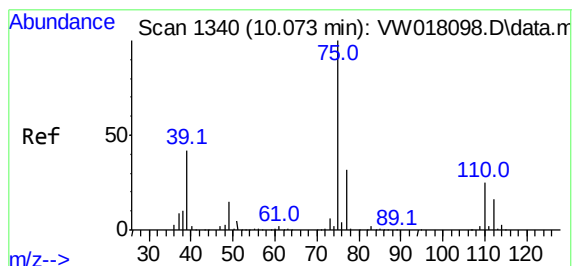
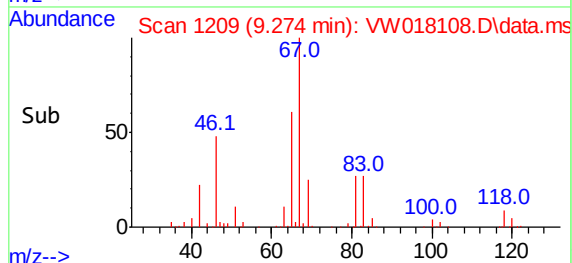
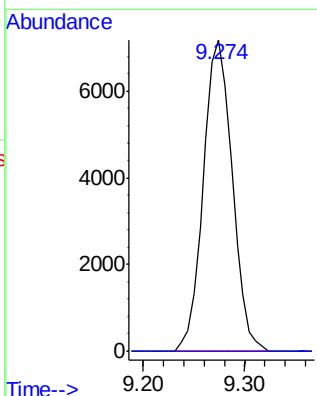
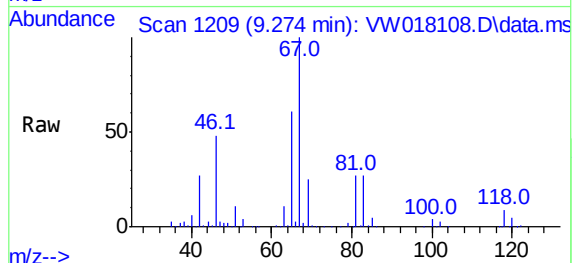




#40
1,2-Dichloropropane
Concen: 2.67 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

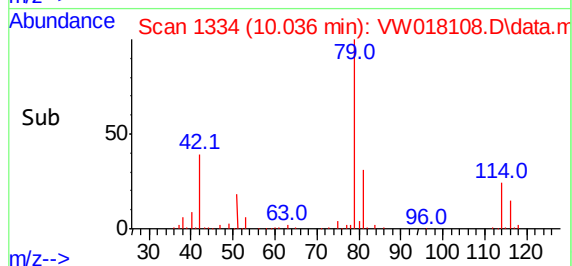
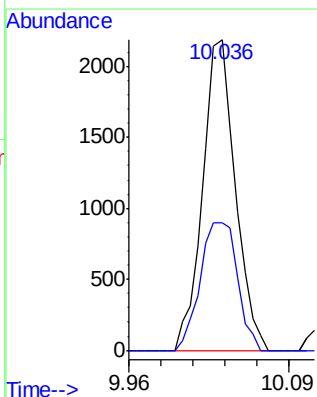
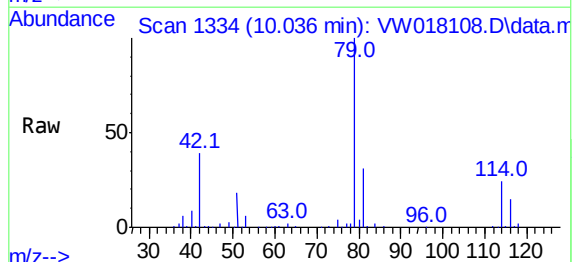
Instrument :
MSVOA_W
ClientSampleId :
DBH30

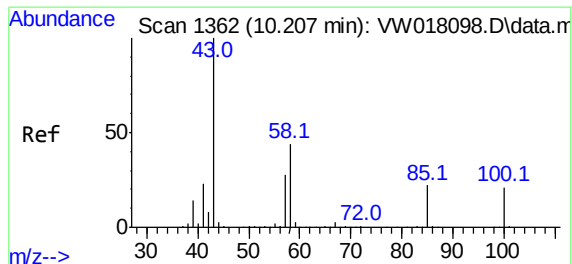
Tgt Ion: 63 Resp: 14152
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

Tgt Ion: 75 Resp: 3809
Ion Ratio Lower Upper
75 100
77 41.3 22.7 42.3

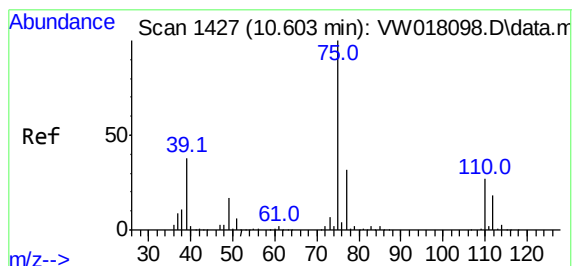
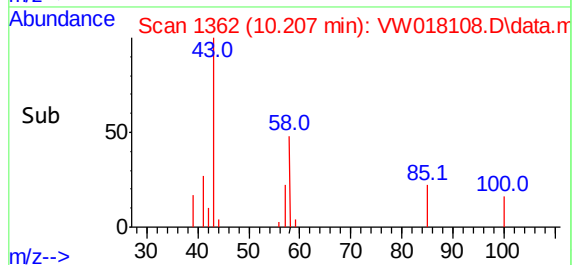
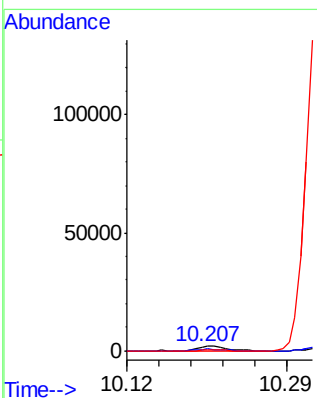
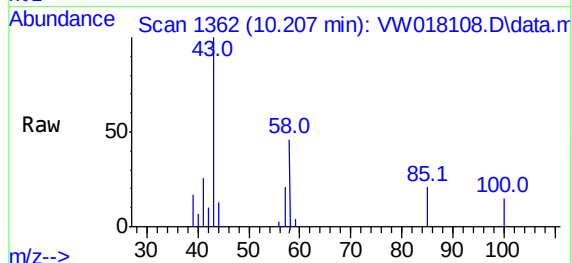




#43
4-Methyl-2-pentanone
Concen: 1.18 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

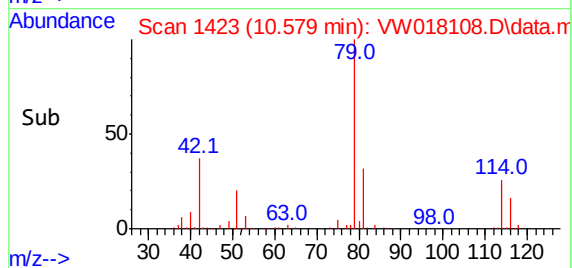
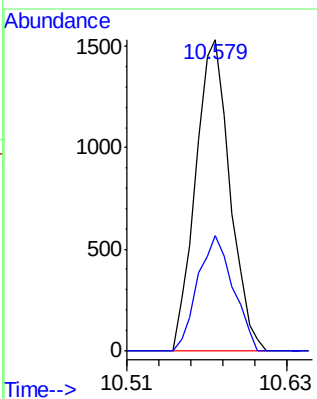
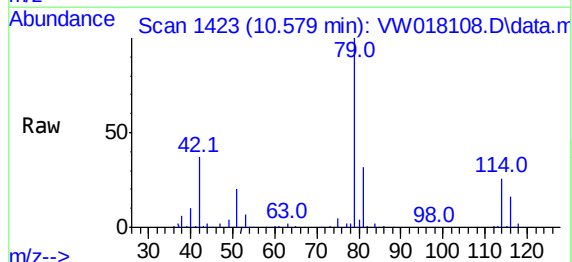
Instrument :
MSVOA_W
ClientSampleId :
DBH30

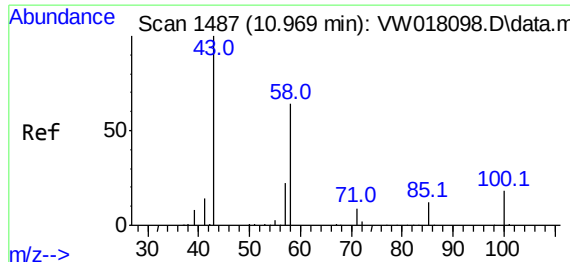
Tgt Ion: 43 Resp: 3883
Ion Ratio Lower Upper
43 100
58 40.7 31.6 47.4
100 16.7 14.1 21.1



#45
trans-1,3-Dichloropropene
Concen: 0.35 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

Tgt Ion: 75 Resp: 2632
Ion Ratio Lower Upper
75 100
77 37.2 22.6 42.0



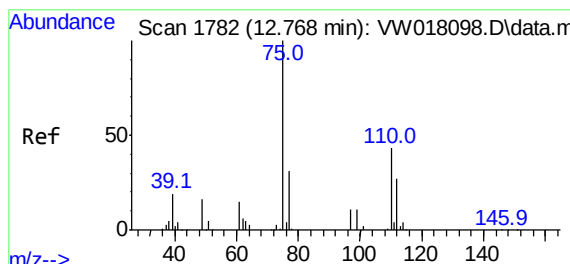
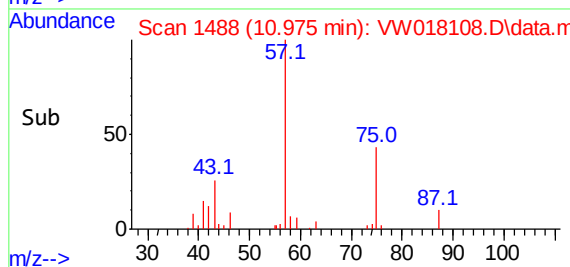
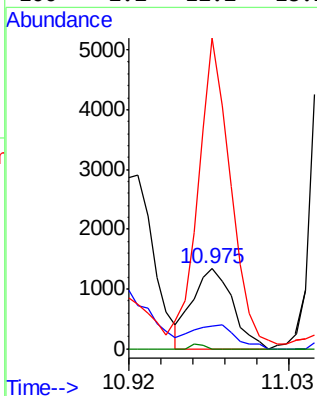
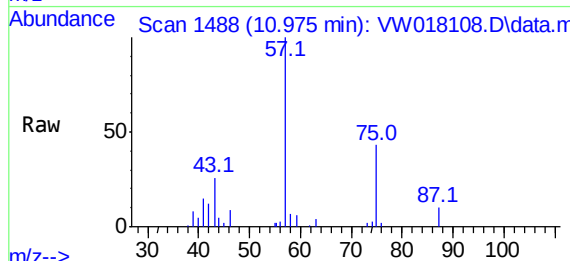


#49
2-Hexanone
Concen: 1.07 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

Instrument :
MSVOA_W
ClientSampleId :
DBH30

Tgt Ion: 43 Resp: 2457

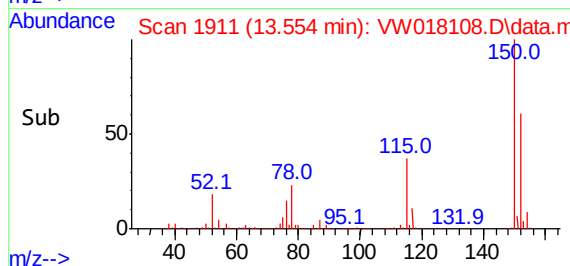
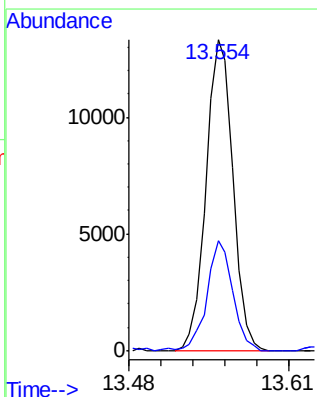
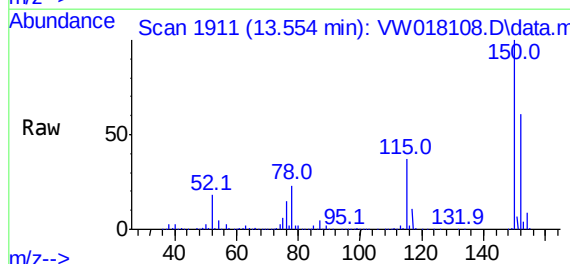
Ion	Ratio	Lower	Upper
43	100		
58	33.5	51.3	76.9#
57	317.5	15.0	22.6#
100	2.2	12.2	18.2#

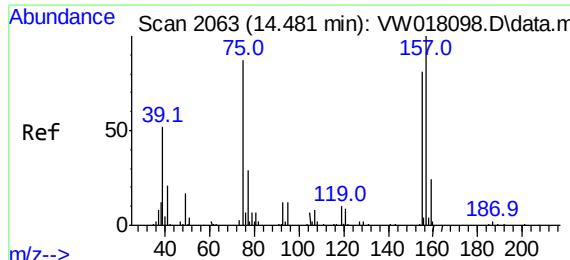


#59
1,2,3-Trichloropropane
Concen: 5.25 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

Tgt Ion: 75 Resp: 21315

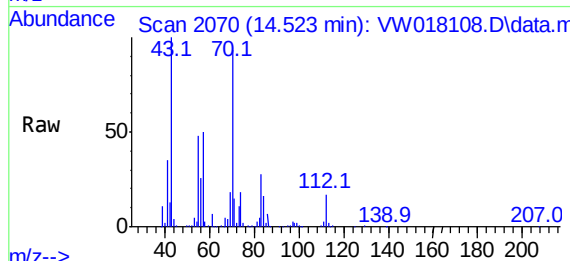
Ion	Ratio	Lower	Upper
75	100		
77	33.7	26.6	39.8





#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.12 ug/L
 RT: 14.523 min Scan# 2070
 Delta R.T. 0.043 min
 Lab File: VW018108.D
 Acq: 12 Feb 2021 14:23

Instrument :
 MSVOA_W
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 DBH30



Tgt Ion: 75 Resp: 1035
 Ion Ratio Lower Upper
 75 100
 157 0.0 99.9 149.9#
 155 0.0 71.4 107.0#

