

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018112.D
 Acq On : 12 Feb 2021 15:59
 Operator : SY/VA
 Sample : M1371-03RE
 Misc : 5.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH15

Quant Time: Feb 12 22:46:37 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)

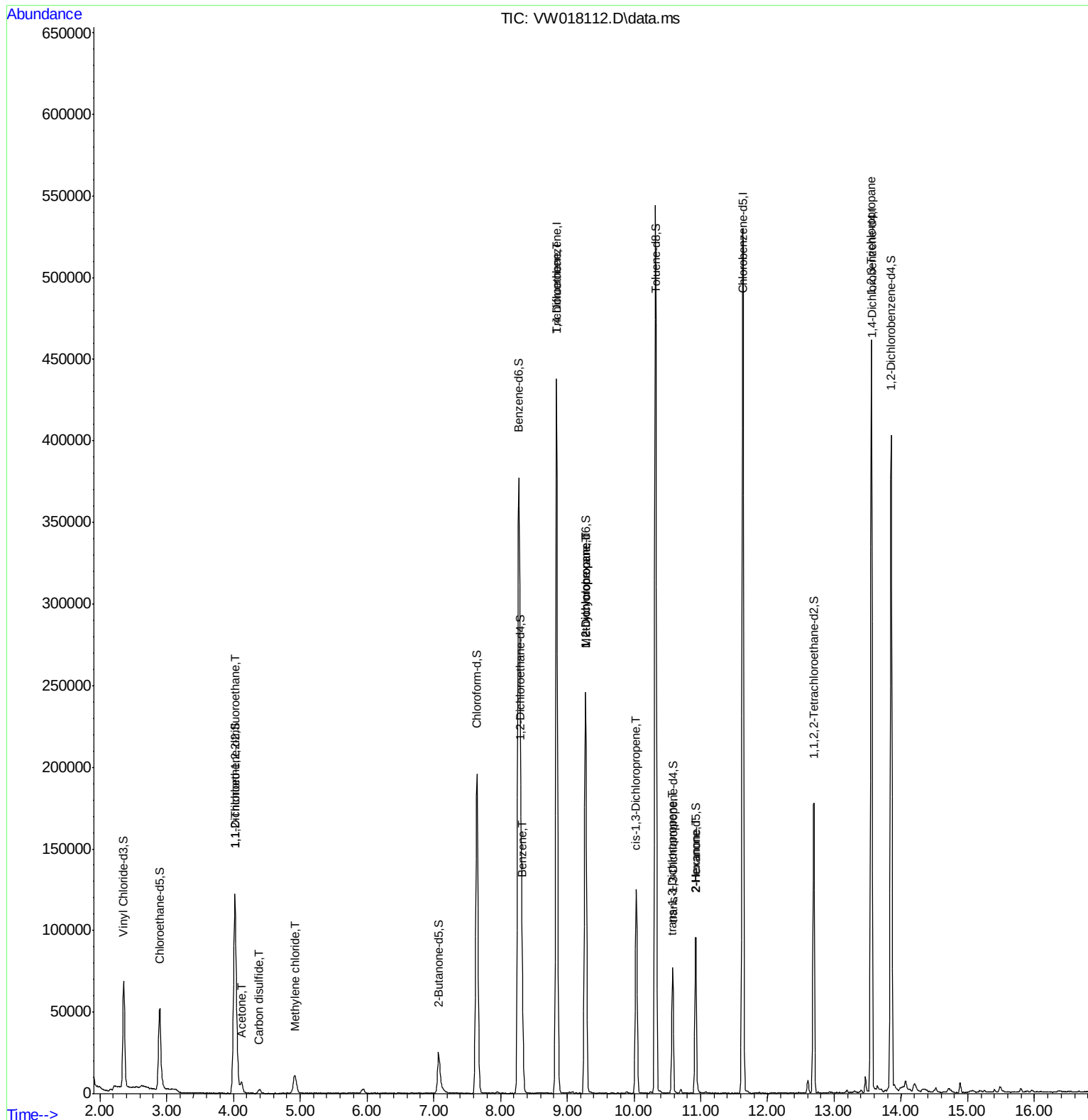
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	324109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	128671	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	79697	16.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.40%		
7) Chloroethane-d5	2.898	69	71611	18.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.04%		
10) 1,1-Dichloroethene-d2	4.019	63	132002	13.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.20%		
20) 2-Butanone-d5	7.074	46	43249	33.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.50%		
24) Chloroform-d	7.647	84	212091	20.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.44%		
26) 1,2-Dichloroethane-d4	8.305	65	104088	18.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.96%		
29) Benzene-d6	8.275	84	415112	23.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.28%		
33) 1,2-Dichloropropane-d6	9.275	67	117723	23.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.60%		
37) Toluene-d8	10.323	98	370492	21.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.52%		
38) trans-1,3-Dichloroprop...	10.579	79	43918	19.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.84%		
39) 2-Hexanone-d5	10.921	63	35667	37.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.96%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	87907	20.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.44%		
61) 1,2-Dichlorobenzene-d4	13.853	152	113663	24.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.04%		
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	1528	0.27	ug/L #	35
13) Acetone	4.123	43	10958	11.39	ug/L	98
14) Carbon disulfide	4.385	76	5328	0.35	ug/L	97
16) Methylene chloride	4.922	84	10341	1.65	ug/L	94
34) Benzene	8.324	78	50214	2.65	ug/L	100
35) Trichloroethene	8.842	95	11692	2.19	ug/L #	3
36) Methylcyclohexane	9.275	83	31201	3.48	ug/L #	20
40) 1,2-Dichloropropane	9.275	63	13208	3.04	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	3171	0.45	ug/L #	72
45) trans-1,3-Dichloropropene	10.573	75	1740	0.29	ug/L #	56
49) 2-Hexanone	10.927	43	4057	2.16	ug/L #	59
59) 1,2,3-Trichloropropane	13.554	75	12920	3.89	ug/L	95

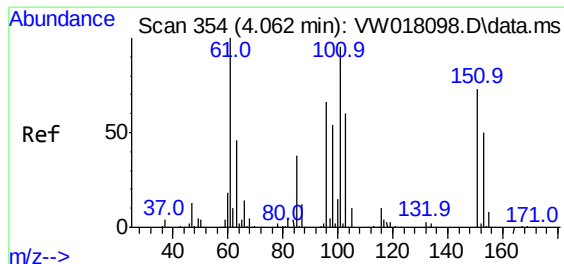
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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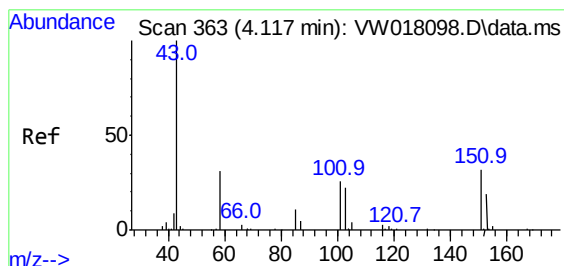
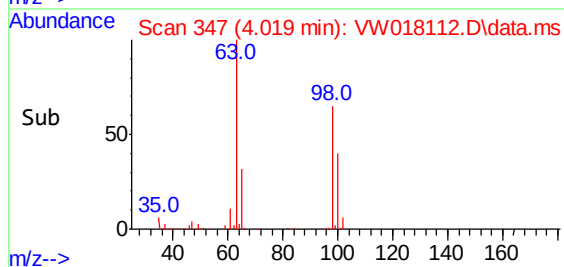
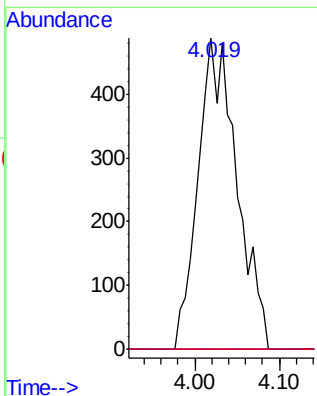
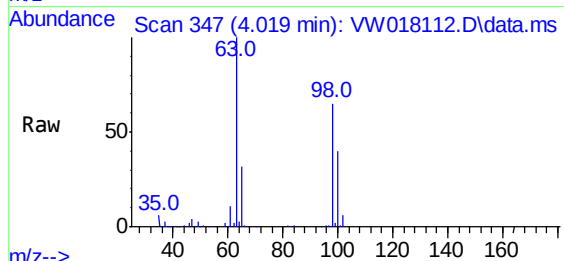




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.27 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.042 min
 Lab File: VW018112.D
 Acq: 12 Feb 2021 15:59

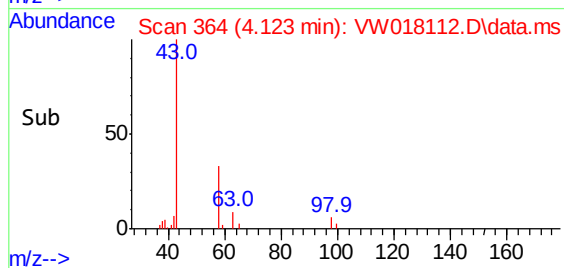
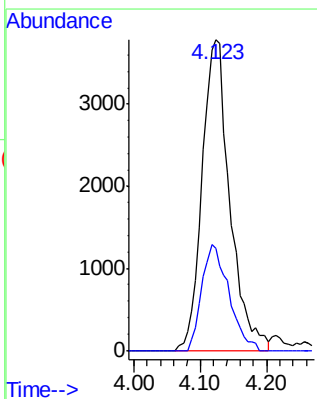
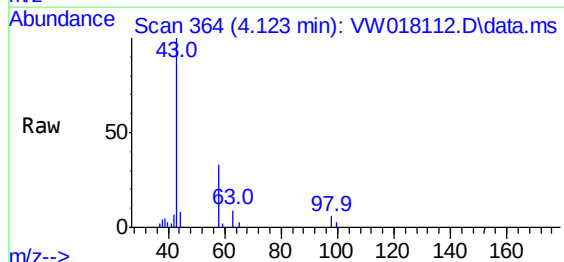
Instrument :
 MSVOA_W
 ClientSampleId :
 DBH15

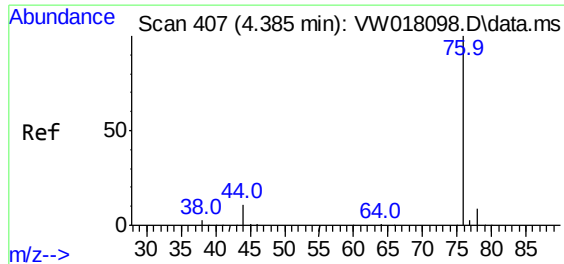
Tgt Ion:101 Resp: 1528
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 11.39 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018112.D
 Acq: 12 Feb 2021 15:59

Tgt Ion: 43 Resp: 10958
 Ion Ratio Lower Upper
 43 100
 58 33.3 0.0 68.4

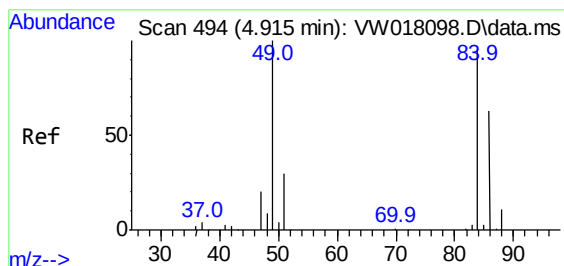
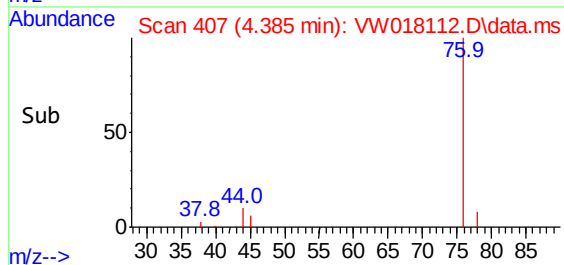
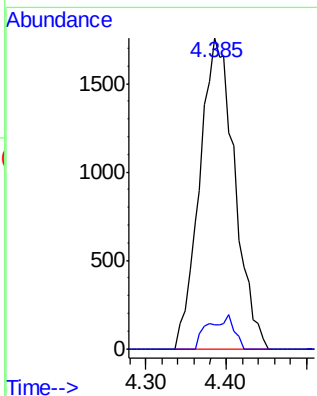
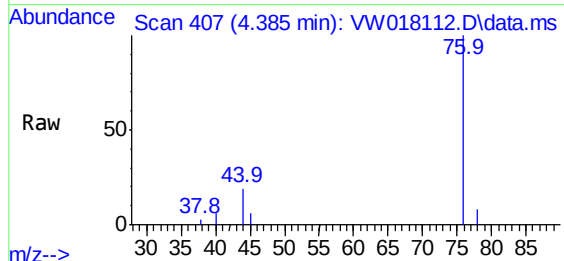




#14
Carbon disulfide
Concen: 0.35 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

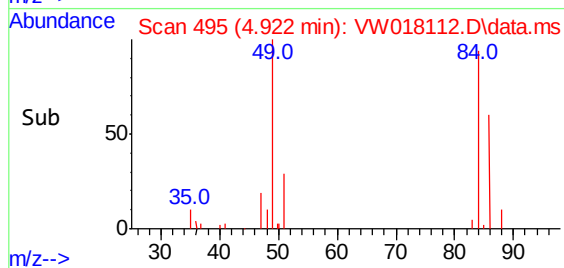
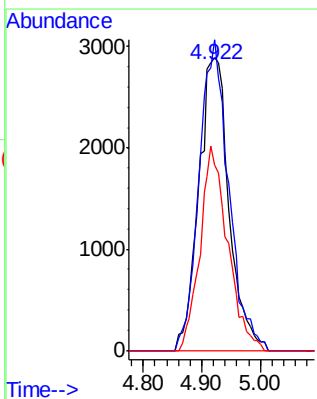
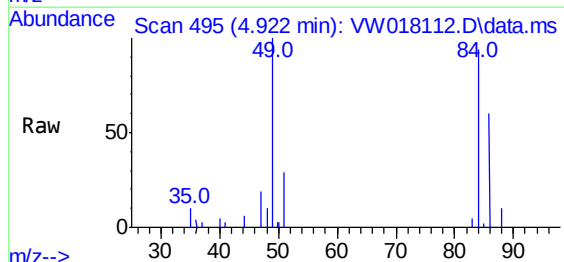
Instrument :
MSVOA_W
ClientSampleId :
DBH15

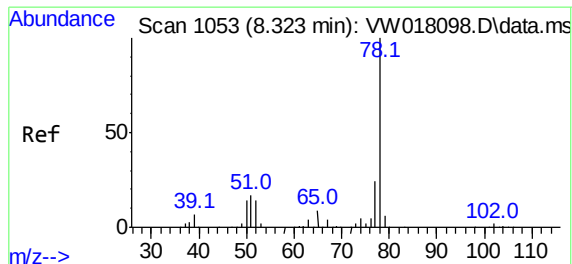
Tgt Ion: 76 Resp: 5328
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.4



#16
Methylene chloride
Concen: 1.65 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

Tgt Ion: 84 Resp: 10341
Ion Ratio Lower Upper
84 100
49 106.2 81.2 150.8
86 63.3 44.5 82.7

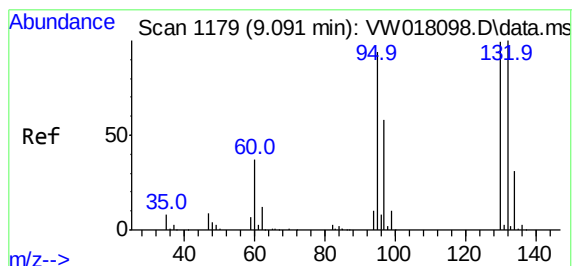
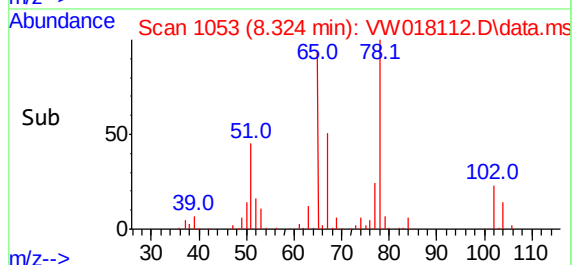
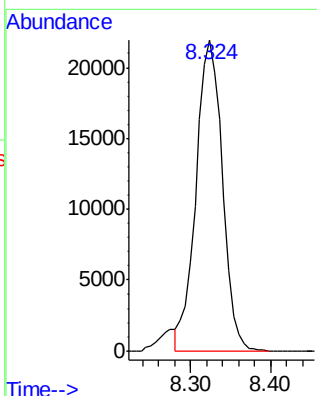
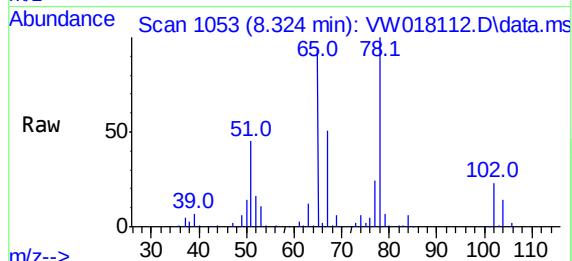




#34
Benzene
Concen: 2.65 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

Instrument :
MSVOA_W
ClientSampleId :
DBH15

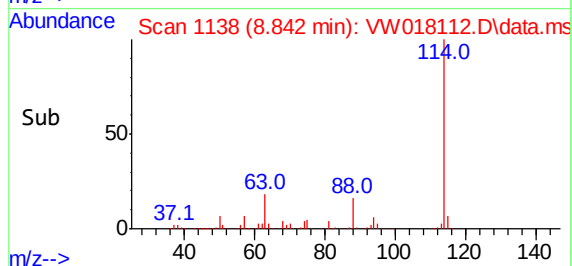
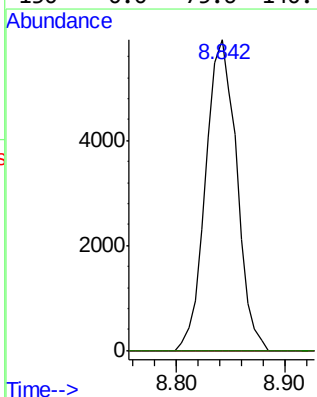
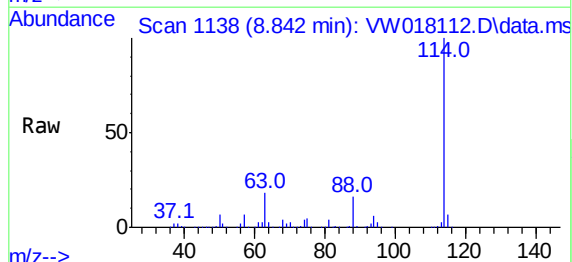
Tgt Ion: 78 Resp: 50214

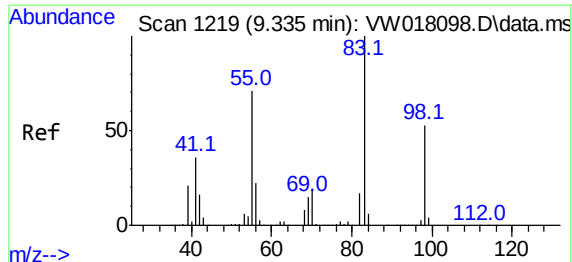


#35
Trichloroethene
Concen: 2.19 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

Tgt Ion: 95 Resp: 11692

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#

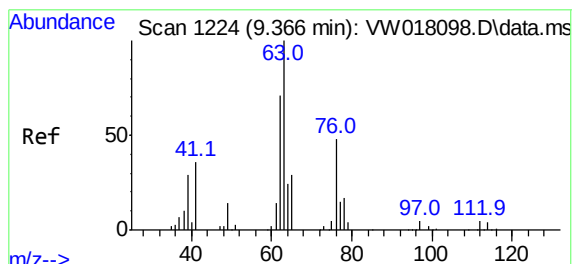
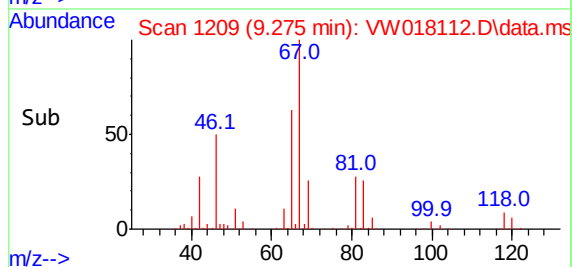
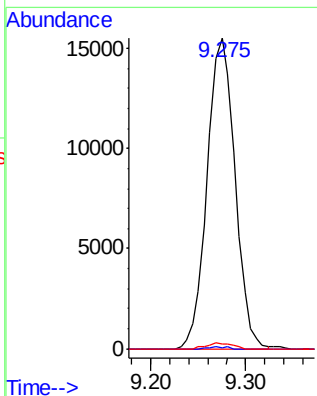
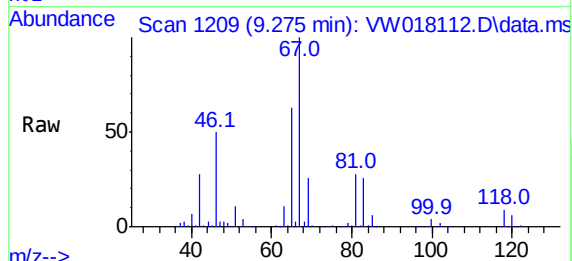




#36
Methylcyclohexane
Concen: 3.48 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

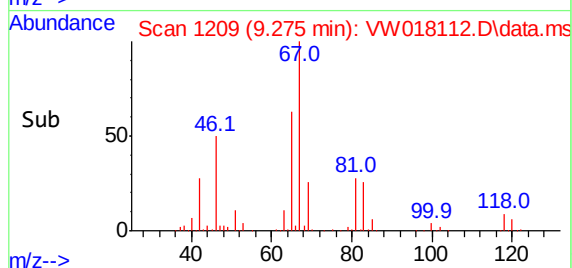
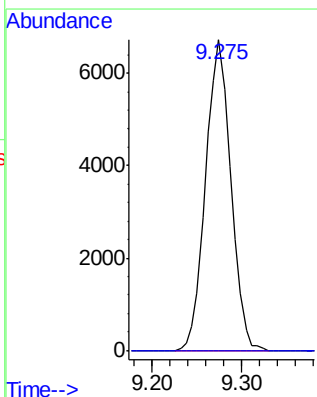
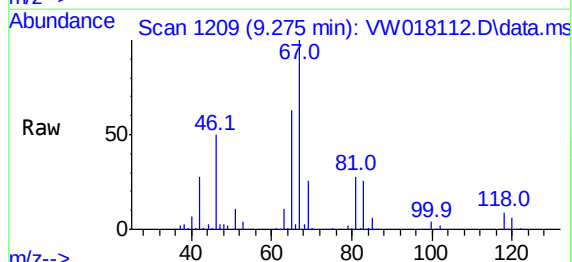
Instrument :
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ClientSampleId :
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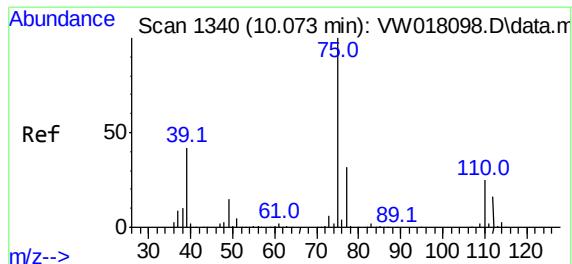
Tgt Ion: 83 Resp: 31201
Ion Ratio Lower Upper
83 100
55 0.5 59.4 89.0#
98 1.6 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.04 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

Tgt Ion: 63 Resp: 13208
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

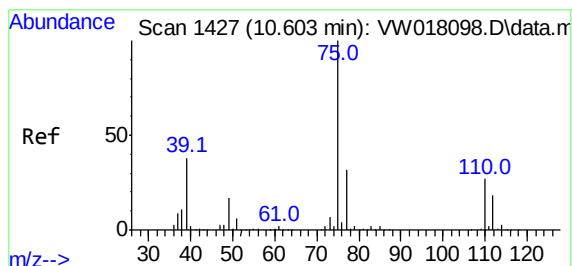
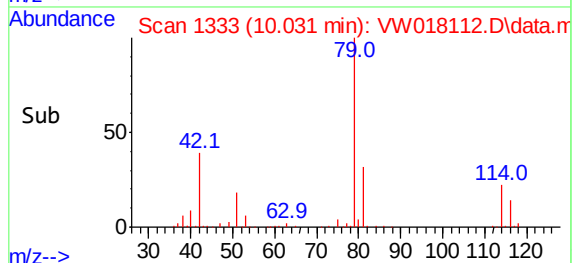
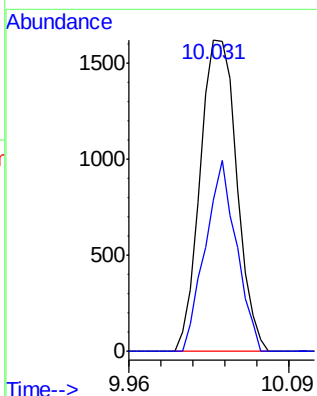
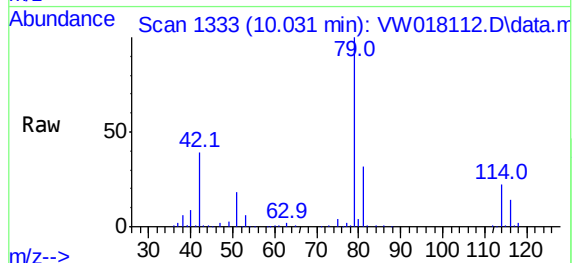




#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.042 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

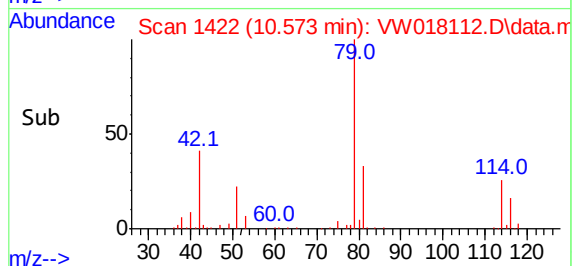
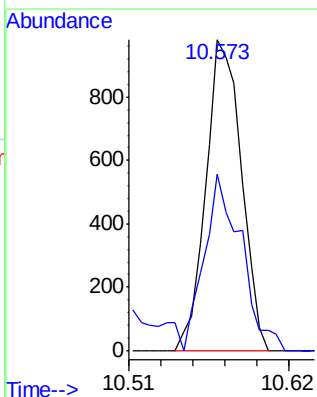
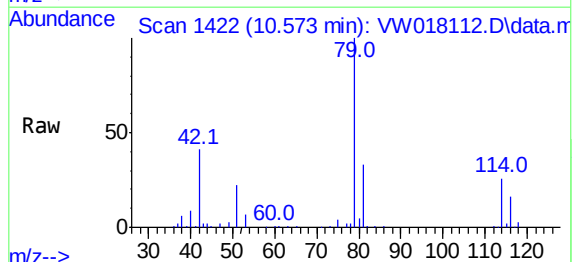
Instrument :
MSVOA_W
ClientSampleID :
DBH15

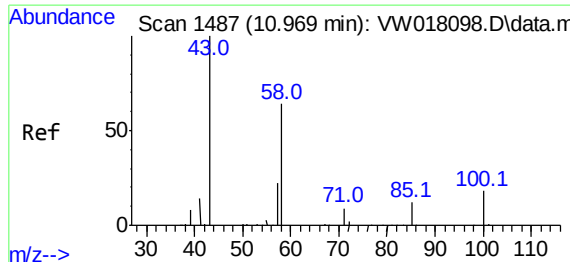
Tgt Ion: 75 Resp: 3171
Ion Ratio Lower Upper
75 100
77 48.4 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

Tgt Ion: 75 Resp: 1740
Ion Ratio Lower Upper
75 100
77 56.7 22.6 42.0#



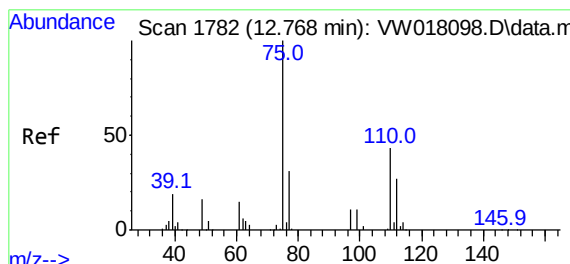
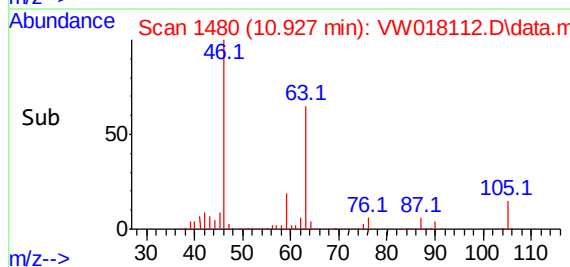
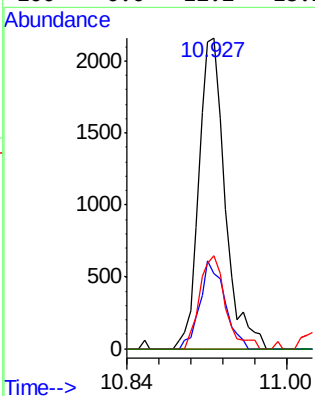
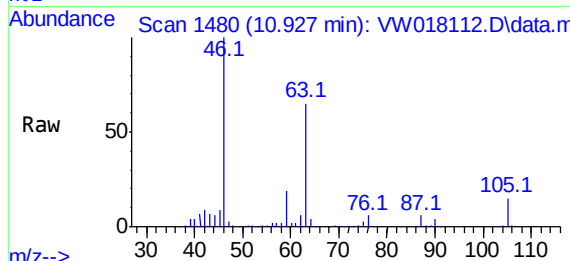


#49
2-Hexanone
Concen: 2.16 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

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Tgt Ion: 43 Resp: 4057

Ion	Ratio	Lower	Upper
43	100		
58	26.9	51.3	76.9#
57	28.7	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 3.89 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018112.D
Acq: 12 Feb 2021 15:59

Tgt Ion: 75 Resp: 12920

Ion	Ratio	Lower	Upper
75	100		
77	36.1	26.6	39.8

