

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018132.D
 Acq On : 15 Feb 2021 13:52
 Operator : SY/VA
 Sample : M1370-02RE
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBG5

Quant Time: Feb 16 02:23:27 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)

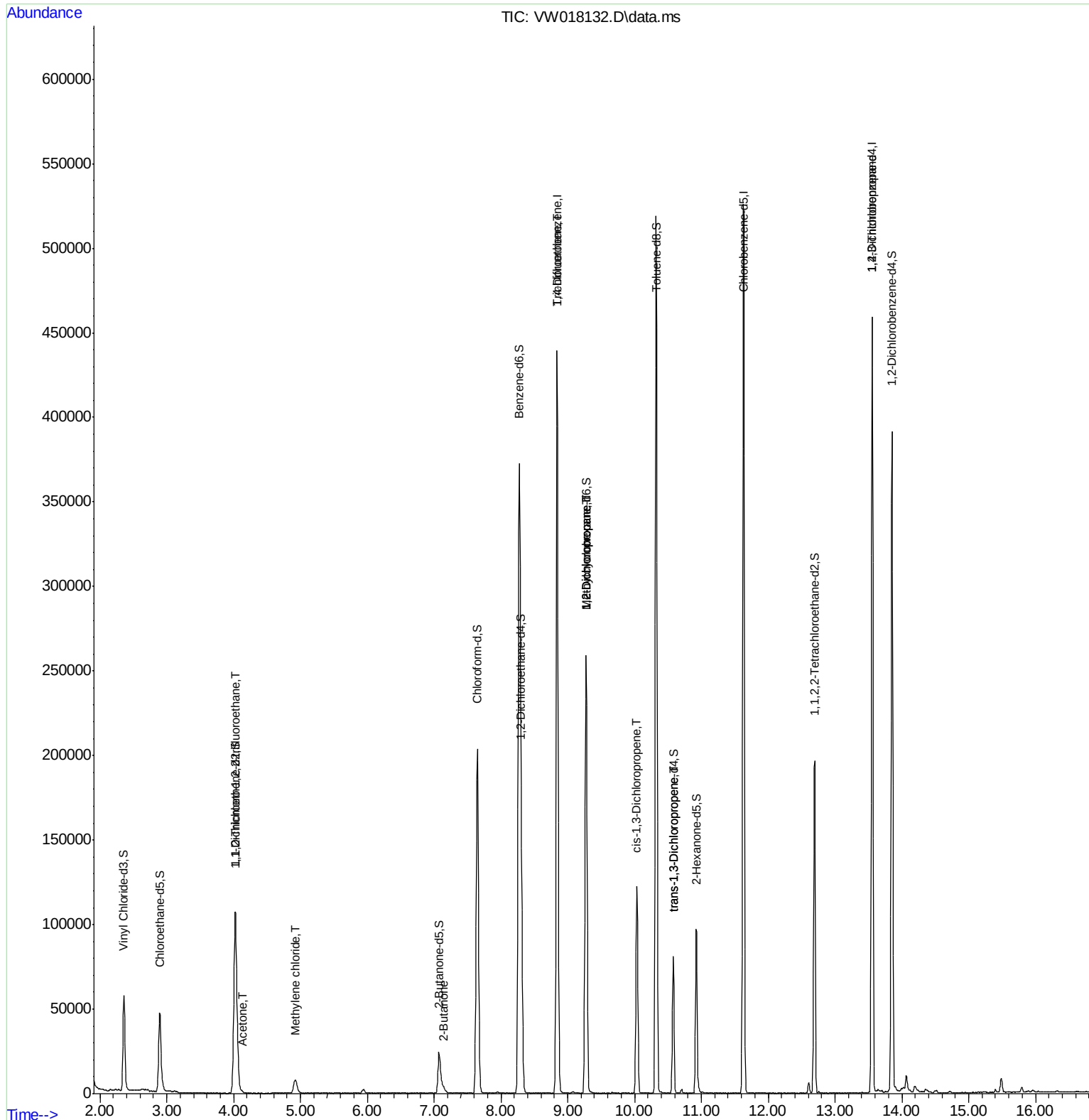
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	387063	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	317226	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	127497	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	70415	14.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.56%		
7) Chloroethane-d5	2.891	69	67958	17.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.20%		
10) 1,1-Dichloroethene-d2	4.019	63	122143	12.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.80%		
20) 2-Butanone-d5	7.080	46	41565	32.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.76%		
24) Chloroform-d	7.646	84	218137	21.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.92%		
26) 1,2-Dichloroethane-d4	8.305	65	114008	21.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.28%		
29) Benzene-d6	8.274	84	399264	22.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.68%		
33) 1,2-Dichloropropane-d6	9.274	67	121826	25.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.04%		
37) Toluene-d8	10.323	98	349312	21.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.32%		
38) trans-1,3-Dichloroprop...	10.579	79	45211	20.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.88%		
39) 2-Hexanone-d5	10.920	63	34459	37.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.00%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	96392	22.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	107083	23.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.16%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1414	0.26	ug/L #	35
13) Acetone	4.129	43	1119	1.18	ug/L	52
16) Methylene chloride	4.921	84	8032	1.29	ug/L	82
21) 2-Butanone	7.141	43	3427	2.37	ug/L #	46
35) Trichloroethene	8.841	95	11403	2.18	ug/L #	3
36) Methylcyclohexane	9.274	83	32089	3.65	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	14054	3.30	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	3175	0.46	ug/L #	73
45) trans-1,3-Dichloropropene	10.579	75	2009	0.34	ug/L #	81
59) 1,2,3-Trichloropropane	13.554	75	12892	3.96	ug/L	99

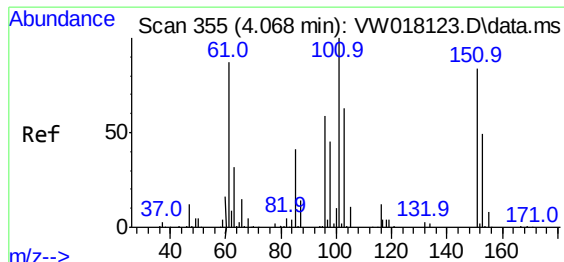
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 15 Feb 2021 13:52
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Sample : M1370-02RE
Misc : 5.70G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGT5

Quant Time: Feb 16 02:23:27 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

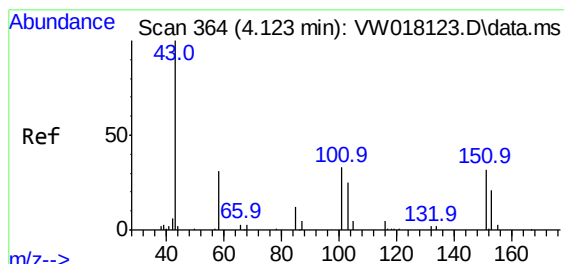
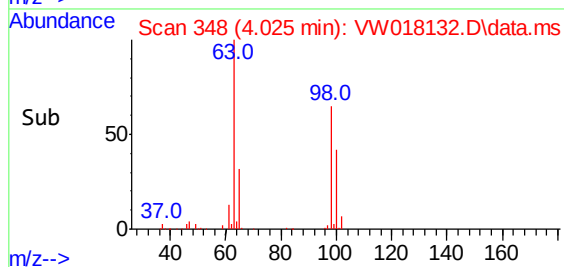
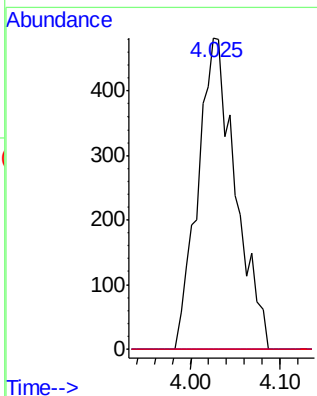
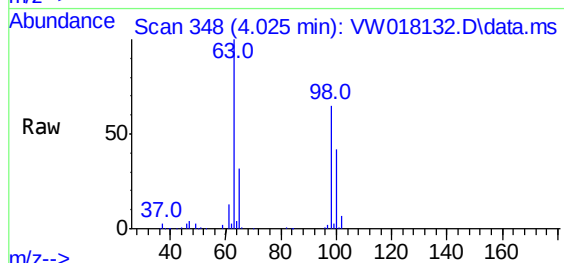




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.26 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.043 min
 Lab File: VW018132.D
 Acq: 15 Feb 2021 13:52

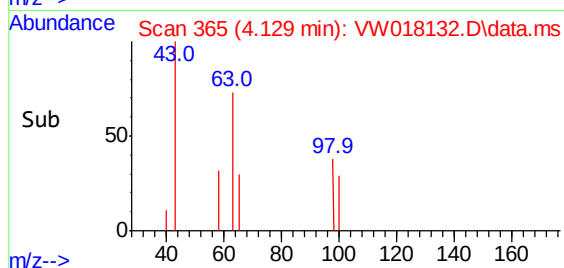
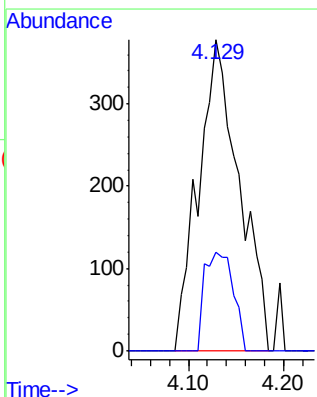
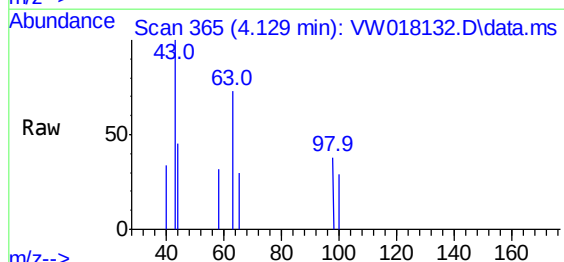
Instrument :
 MSVOA_W
 ClientSampleId :
 DBG75

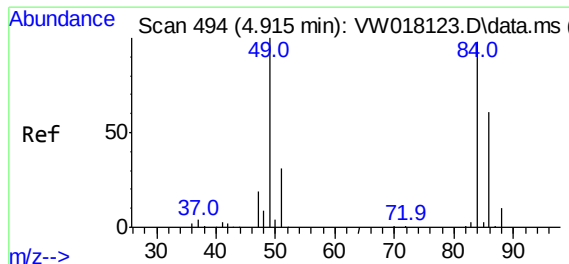
Tgt Ion:101 Resp: 1414
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 1.18 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW018132.D
 Acq: 15 Feb 2021 13:52

Tgt Ion: 43 Resp: 1119
 Ion Ratio Lower Upper
 43 100
 58 6.8 0.0 68.4



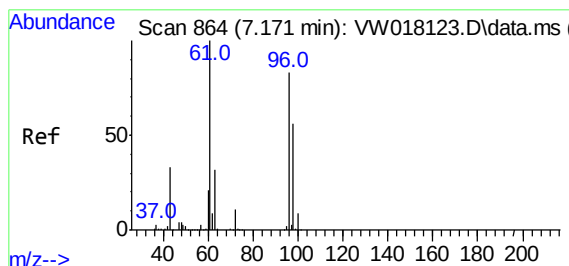
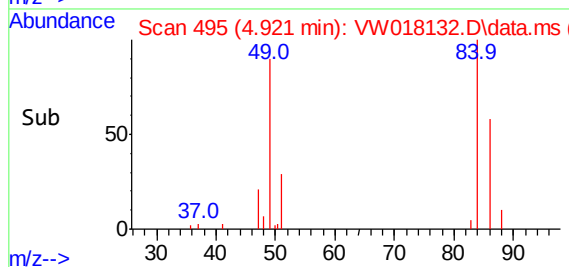
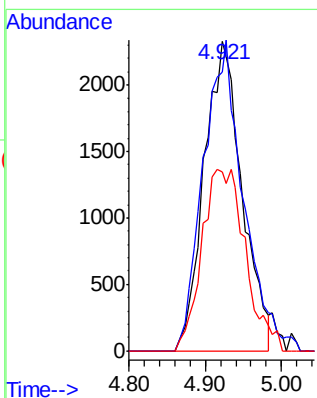
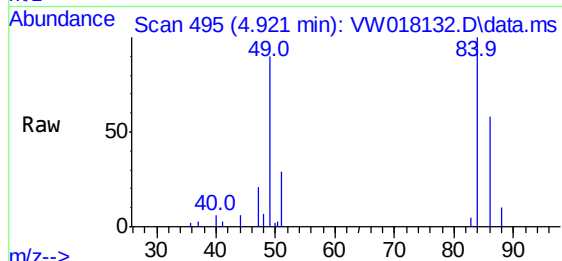


#16
Methylene chloride
Concen: 1.29 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018132.D
Acq: 15 Feb 2021 13:52

Instrument :
MSVOA_W
ClientSampleId :
DBGT5

Tgt Ion: 84 Resp: 8032

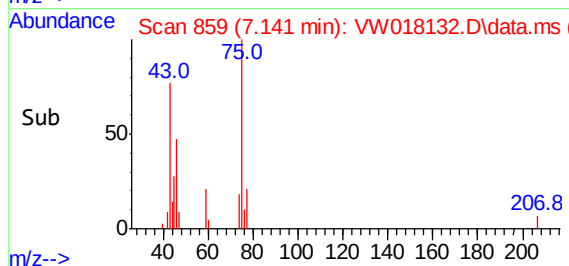
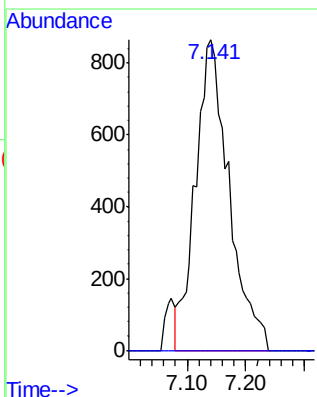
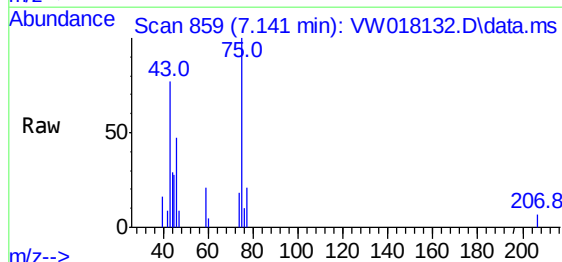
Ion	Ratio	Lower	Upper
84	100		
49	90.2	81.2	150.8
86	57.6	44.5	82.7

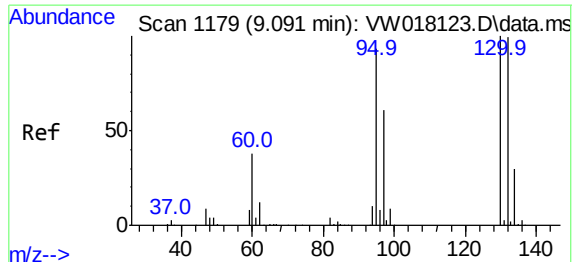


#21
2-Butanone
Concen: 2.37 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.031 min
Lab File: VW018132.D
Acq: 15 Feb 2021 13:52

Tgt Ion: 43 Resp: 3427

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.2#

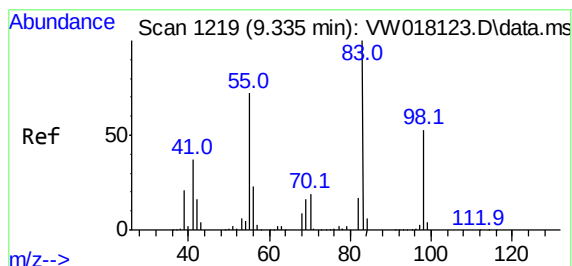
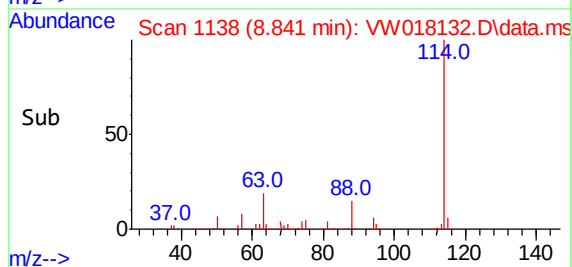
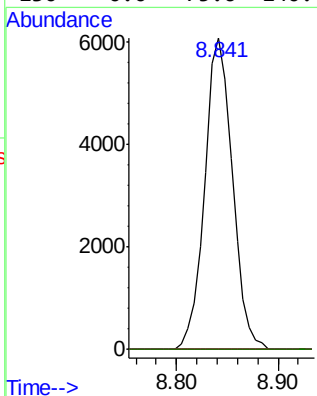
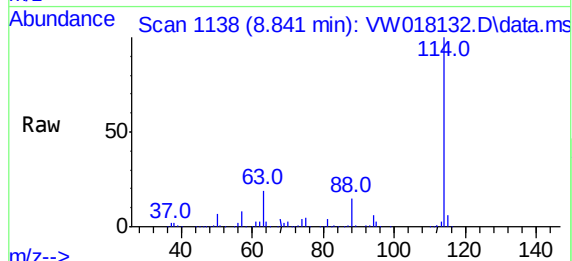




#35
Trichloroethene
Concen: 2.18 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018132.D
Acq: 15 Feb 2021 13:52

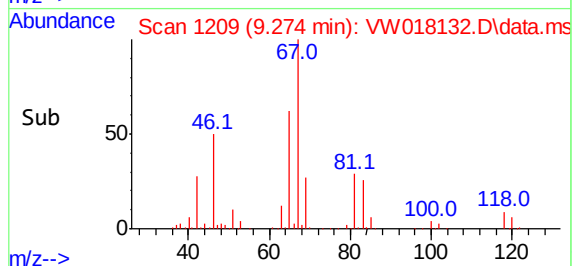
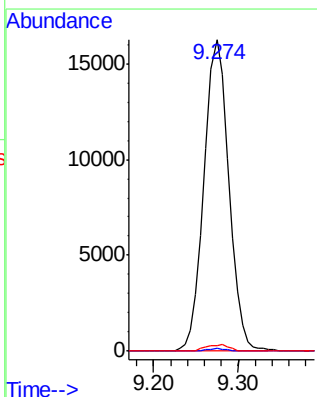
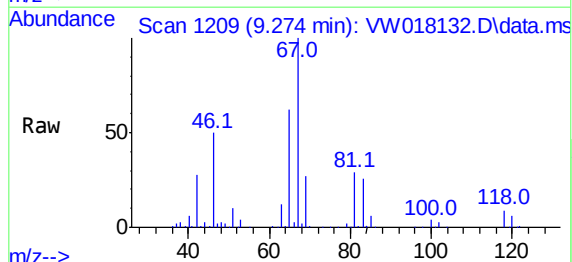
Instrument :
MSVOA_W
ClientSampleId :
DBGT5

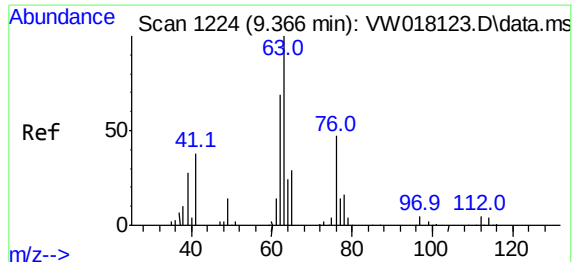
Tgt Ion: 95 Resp: 11403
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#36
Methylcyclohexane
Concen: 3.65 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018132.D
Acq: 15 Feb 2021 13:52

Tgt Ion: 83 Resp: 32089
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.6 40.7 61.1#

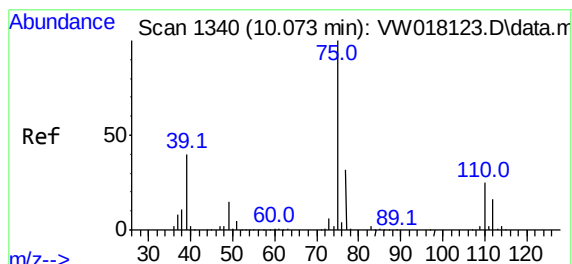
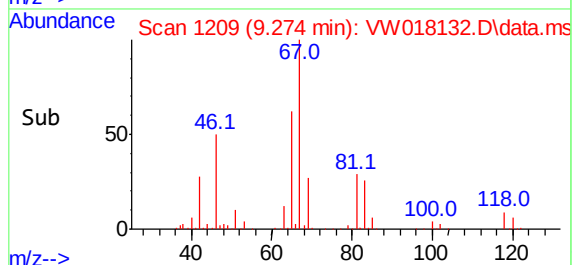
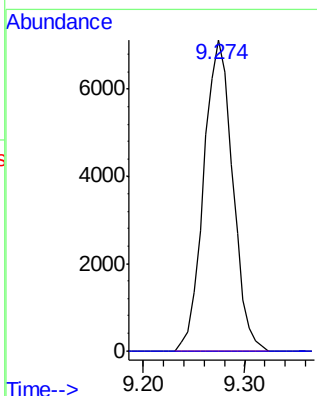
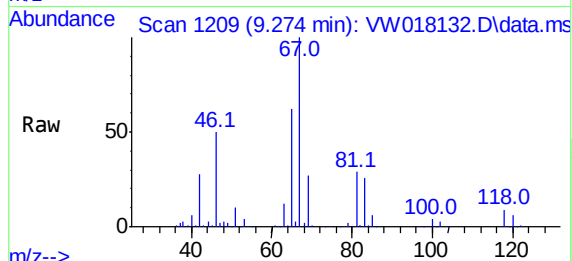




#40
1,2-Dichloropropane
Concen: 3.30 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018132.D
Acq: 15 Feb 2021 13:52

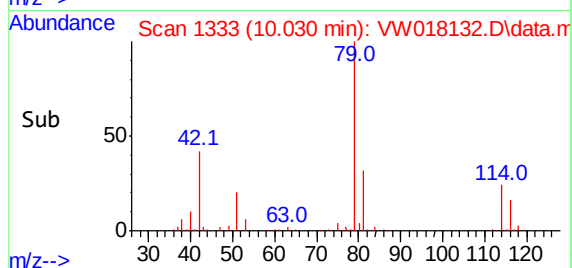
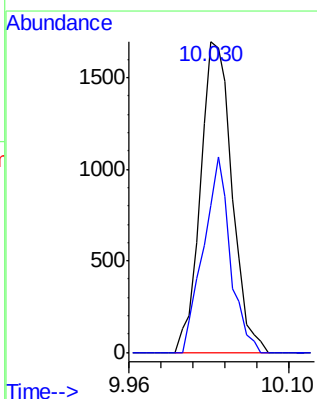
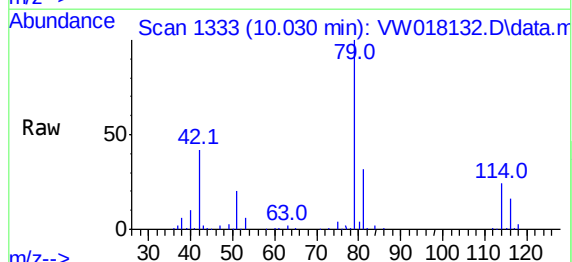
Instrument :
MSVOA_W
ClientSampled :
DBGT5

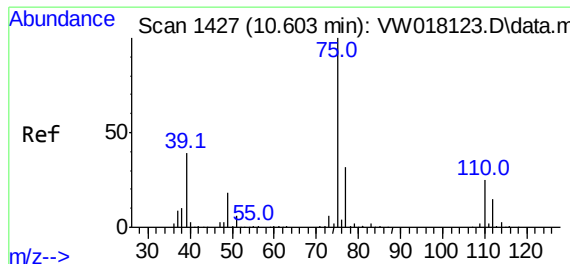
Tgt Ion: 63 Resp: 14054
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018132.D
Acq: 15 Feb 2021 13:52

Tgt Ion: 75 Resp: 3175
Ion Ratio Lower Upper
75 100
77 47.5 22.7 42.3#

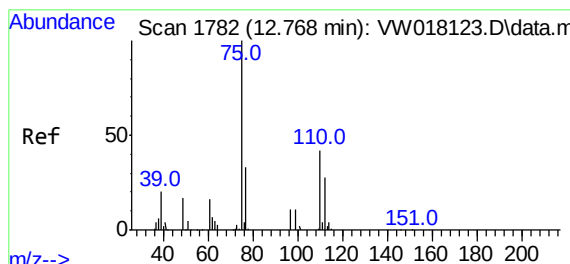
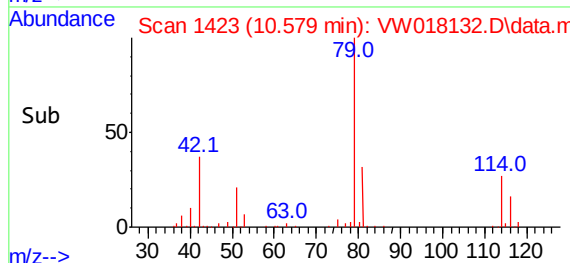
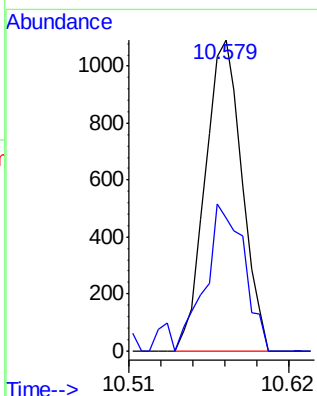
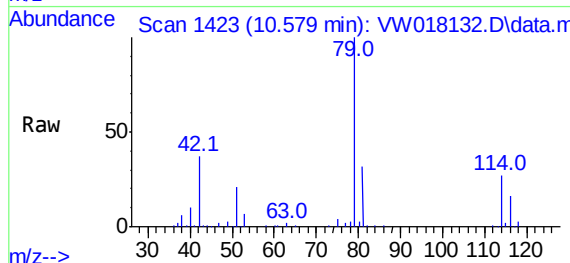




#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018132.D
Acq: 15 Feb 2021 13:52

Instrument :
MSVOA_W
ClientSampleId :
DBGT5

Tgt Ion: 75 Resp: 2009
Ion Ratio Lower Upper
75 100
77 42.7 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 3.96 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018132.D
Acq: 15 Feb 2021 13:52

Tgt Ion: 75 Resp: 12892
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8

