

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018062.D
 Acq On : 10 Feb 2021 15:09
 Operator : SY/VA
 Sample : M1371-01
 Misc : 6.66G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:58:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

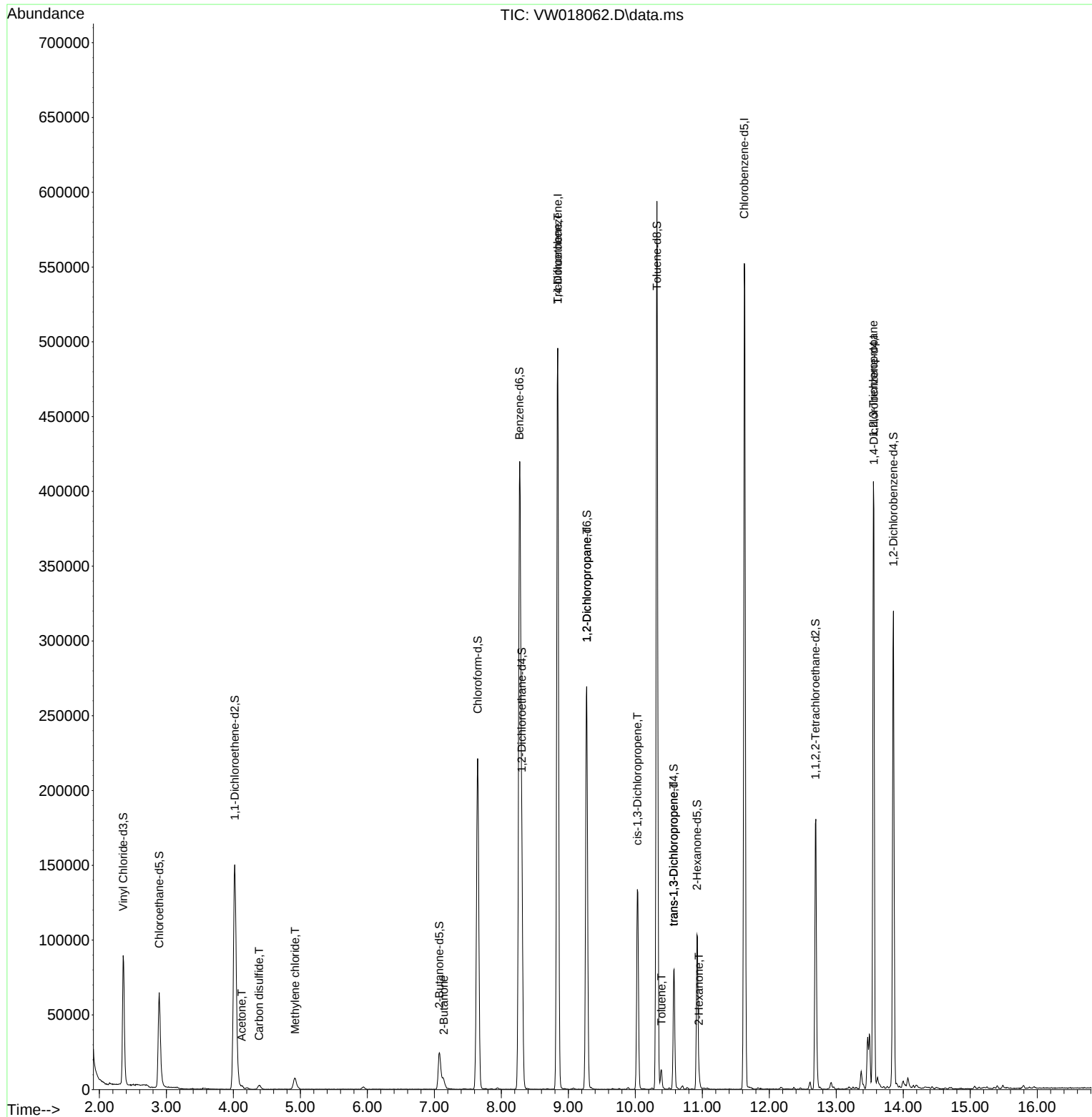
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	445166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	331828	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	117018	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103341	18.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.72%		
7) Chloroethane-d5	2.891	69	85402	19.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.80%		
10) 1,1-Dichloroethene-d2	4.019	63	160189	14.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.92%		
20) 2-Butanone-d5	7.074	46	41749	28.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	56.56%		
24) Chloroform-d	7.647	84	232486	19.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.60%		
26) 1,2-Dichloroethane-d4	8.305	65	117812	18.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.72%		
29) Benzene-d6	8.269	84	455273	24.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.96%		
33) 1,2-Dichloropropane-d6	9.274	67	129337	25.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.52%		
37) Toluene-d8	10.323	98	399477	23.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.16%		
38) trans-1,3-Dichloroprop...	10.573	79	46263	20.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.12%		
39) 2-Hexanone-d5	10.921	63	36854	37.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.66%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	87885	19.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.52%		
61) 1,2-Dichlorobenzene-d4	13.853	152	87246	20.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.60%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	3588	3.28	ug/L	63
14) Carbon disulfide	4.385	76	6239	0.36	ug/L #	87
16) Methylene chloride	4.922	84	6937	0.97	ug/L	89
21) 2-Butanone	7.141	43	5036	3.03	ug/L #	46
35) Trichloroethene	8.842	95	13214	2.42	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	14628	3.29	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	3293	0.46	ug/L #	52
44) Toluene	10.390	91	9723	0.46	ug/L	100
45) trans-1,3-Dichloropropene	10.573	75	2032	0.33	ug/L #	78
49) 2-Hexanone	10.951	43	2353	1.22	ug/L #	33
59) 1,2,3-Trichloropropane	13.554	75	11640	3.42	ug/L	99

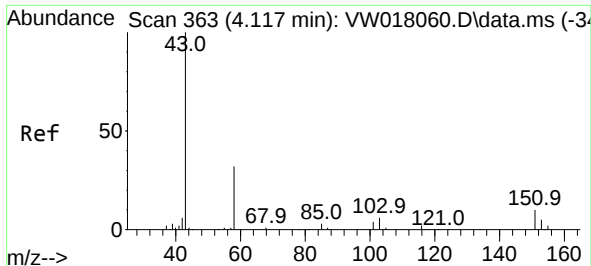
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.66G/10ML/MSVOA_W/SOIL
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Quant Title : VOC Analysis
QLast Update : Thu Feb 11 00:57:43 2021
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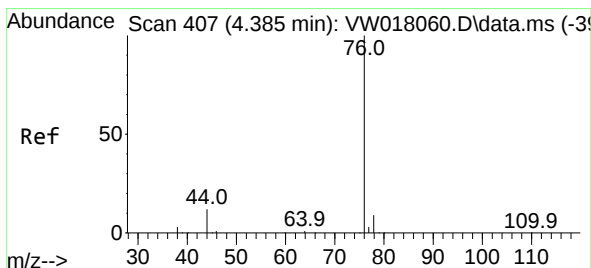
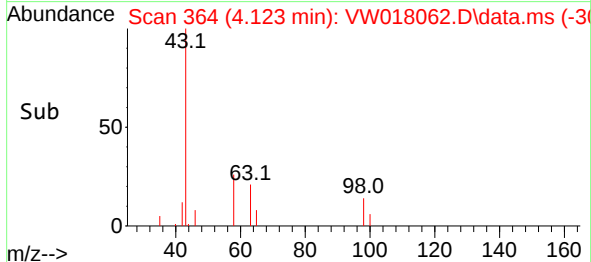
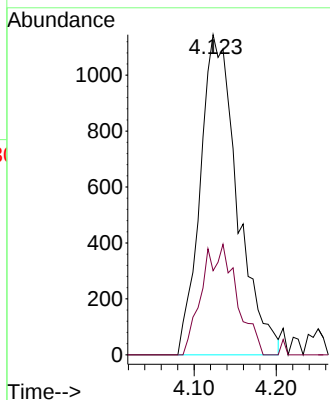
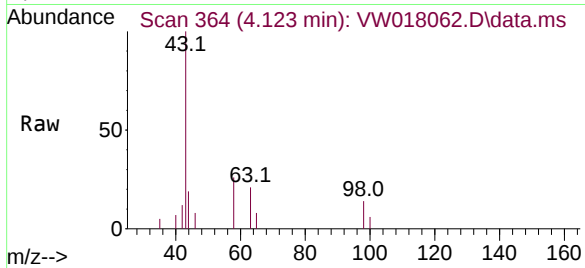




#13
Acetone
Concen: 3.28 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018062.D
Acq: 10 Feb 2021 15:09

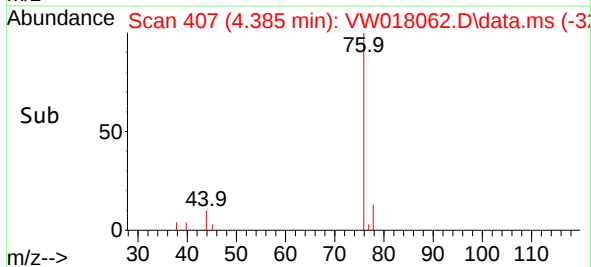
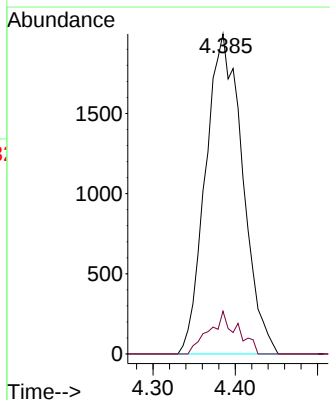
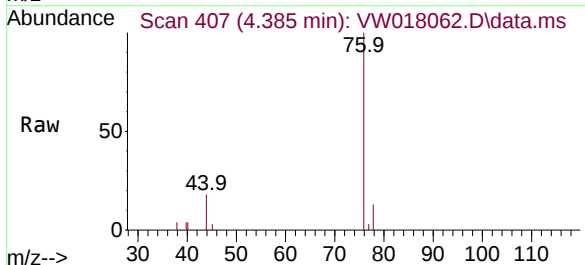
Instrument :
MSVOA_W
ClientSampled :

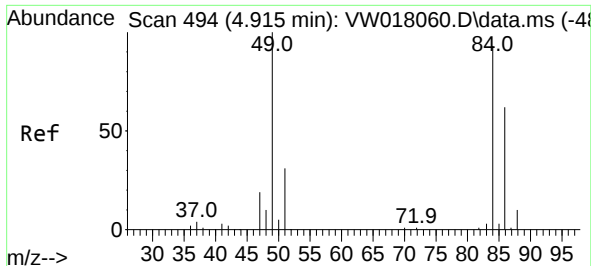
Tgt Ion: 43 Resp: 3588
Ion Ratio Lower Upper
43 100
58 13.0 0.0 68.4



#14
Carbon disulfide
Concen: 0.36 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018062.D
Acq: 10 Feb 2021 15:09

Tgt Ion: 76 Resp: 6239
Ion Ratio Lower Upper
76 100
78 13.3 7.0 10.4#

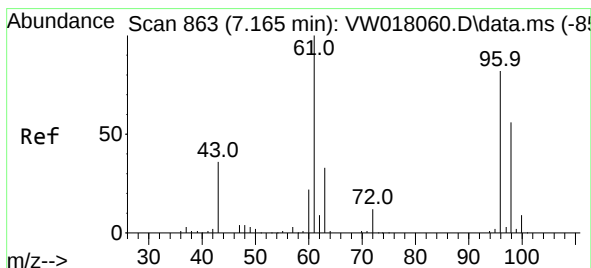
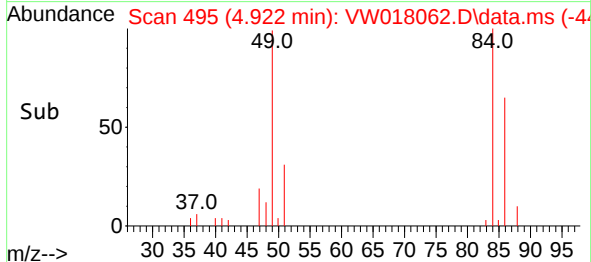
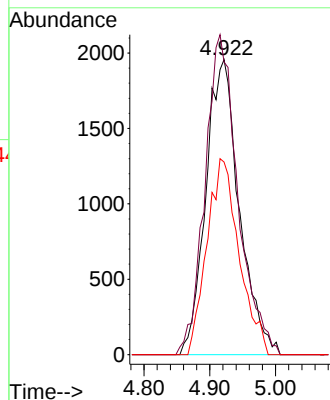
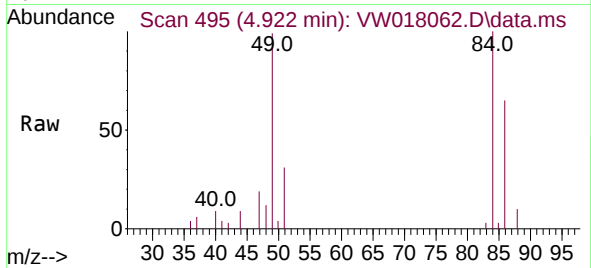




#16
Methylene chloride
Concen: 0.97 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018062.D
Acq: 10 Feb 2021 15:09

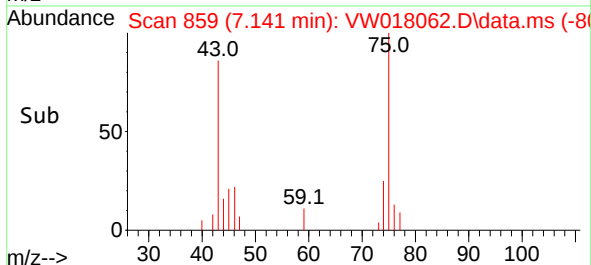
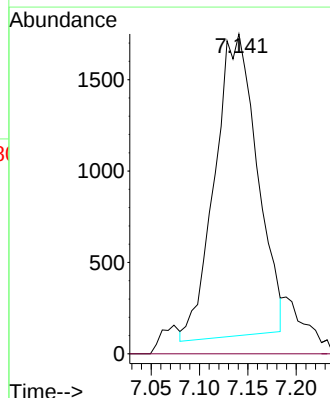
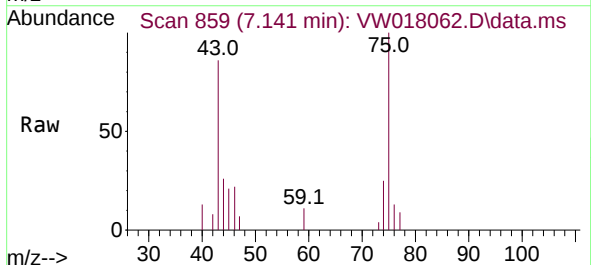
Instrument :
MSVOA_W
ClientSampled :

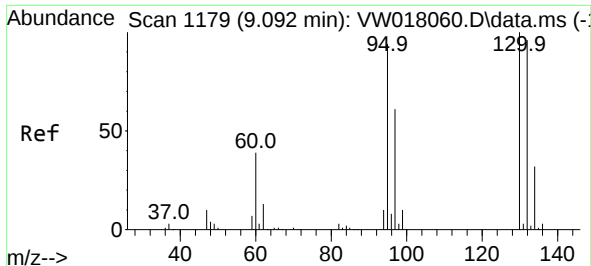
Tgt Ion: 84	Resp: 6937
Ion Ratio	Lower Upper
84 100	
49 99.2	81.2 150.8
86 65.3	44.5 82.7



#21
2-Butanone
Concen: 3.03 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018062.D
Acq: 10 Feb 2021 15:09

Tgt Ion: 43	Resp: 5036
Ion Ratio	Lower Upper
43 100	
72 0.0	14.4 43.2#



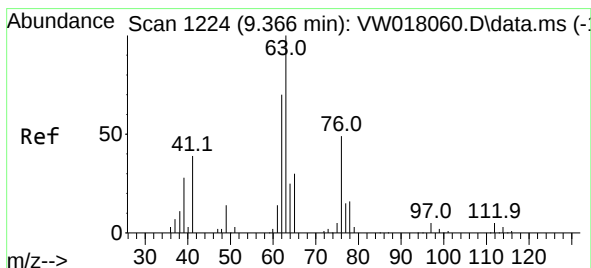
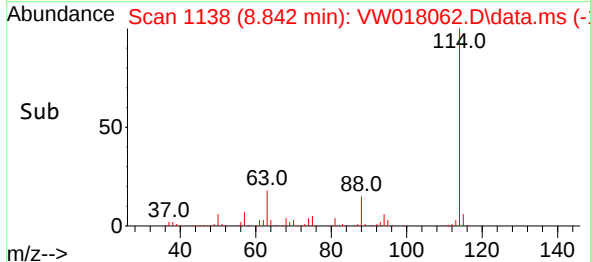
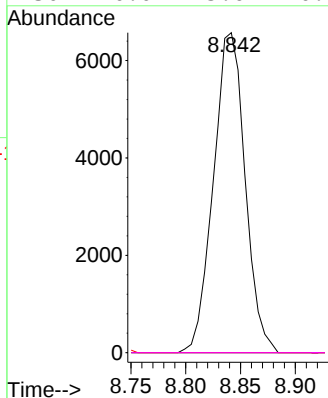
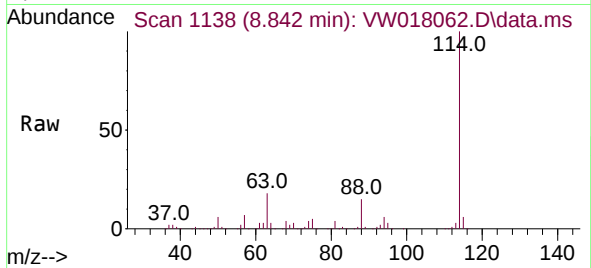


#35
 Trichloroethene
 Concen: 2.42 ug/L
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.250 min
 Lab File: VW018062.D
 Acq: 10 Feb 2021 15:09

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 95 Resp: 13214

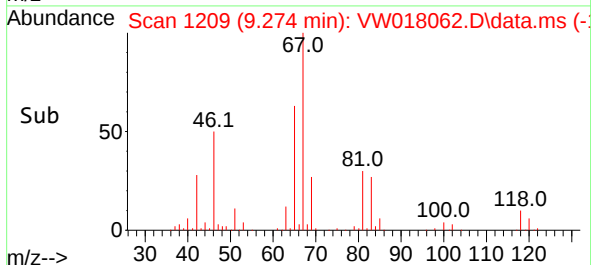
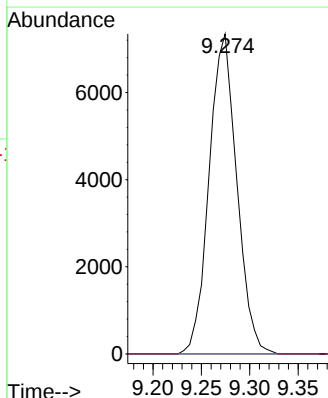
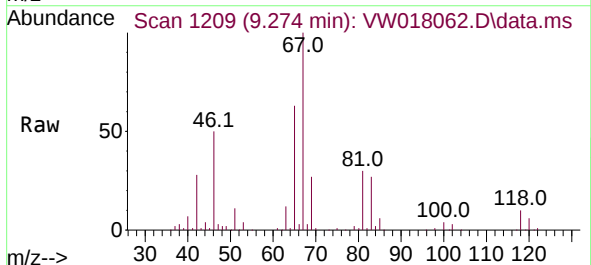
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

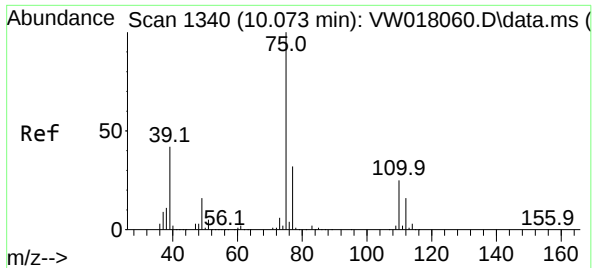


#40
 1,2-Dichloropropane
 Concen: 3.29 ug/L
 RT: 9.274 min Scan# 1209
 Delta R.T. -0.091 min
 Lab File: VW018062.D
 Acq: 10 Feb 2021 15:09

Tgt Ion: 63 Resp: 14628

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

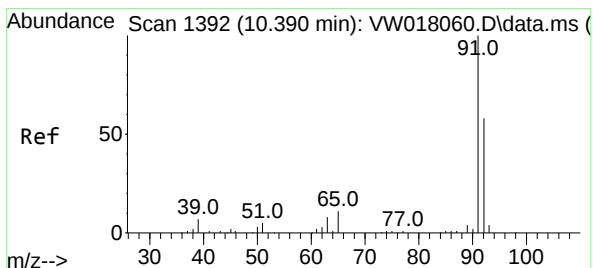
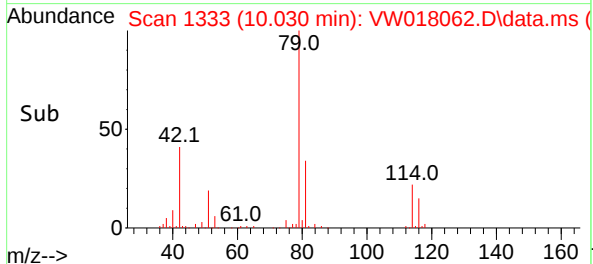
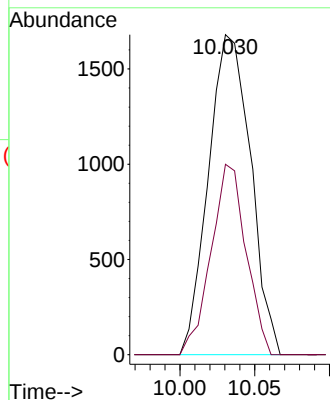
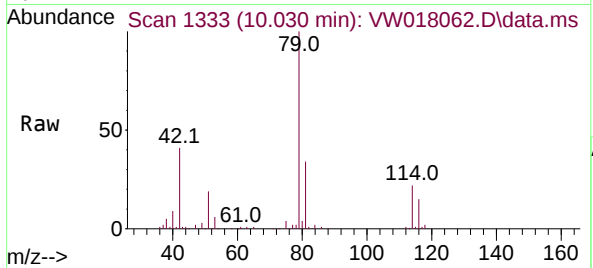




#42
 cis-1,3-Dichloropropene
 Concen: 0.46 ug/L
 RT: 10.030 min Scan# 1333
 Delta R.T. -0.043 min
 Lab File: VW018062.D
 Acq: 10 Feb 2021 15:09

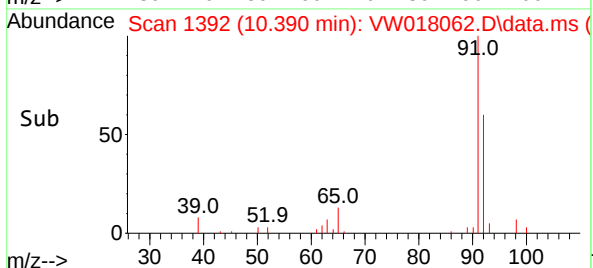
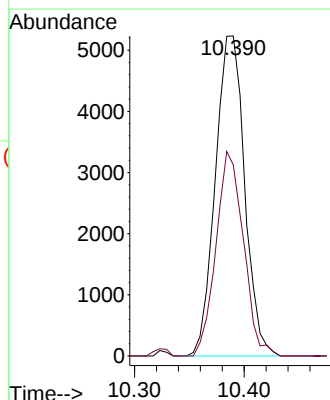
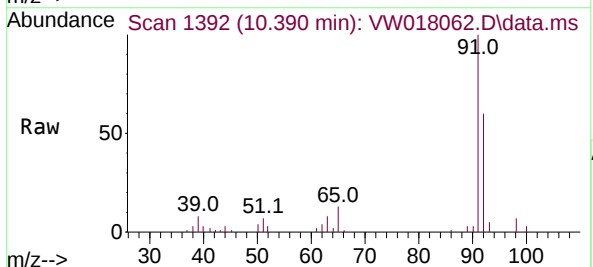
Instrument :
 MSVOA_W
 ClientSampled :

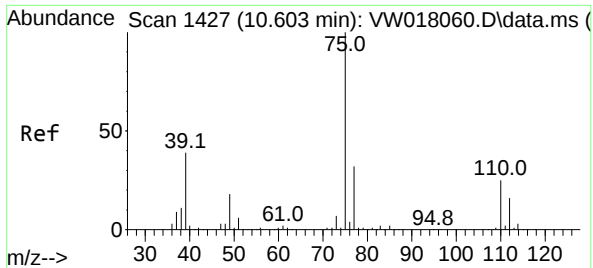
Tgt Ion: 75 Resp: 3293
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.7 42.3#



#44
 Toluene
 Concen: 0.46 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW018062.D
 Acq: 10 Feb 2021 15:09

Tgt Ion: 91 Resp: 9723
 Ion Ratio Lower Upper
 91 100
 92 59.6 41.6 77.3

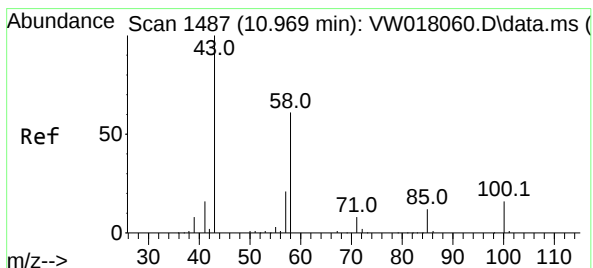
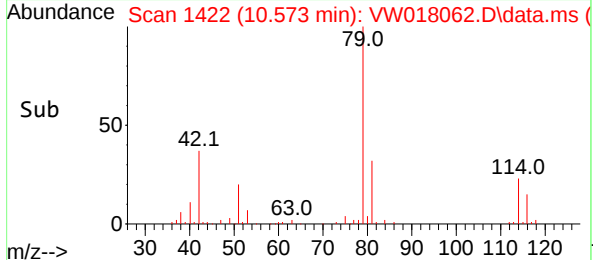
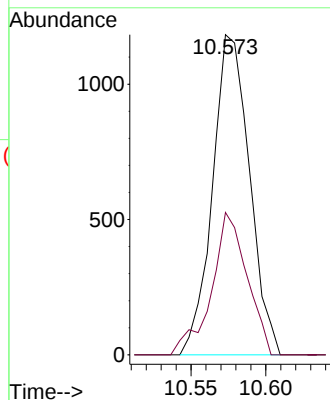
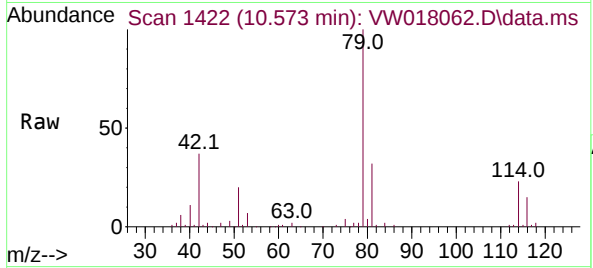




#45
trans-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018062.D
Acq: 10 Feb 2021 15:09

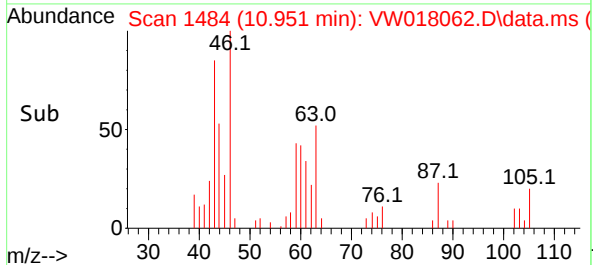
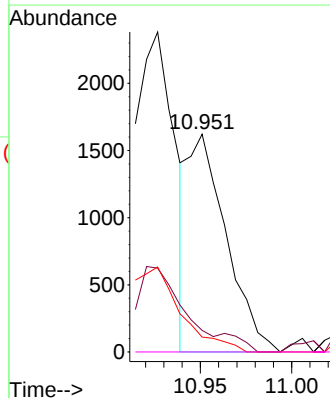
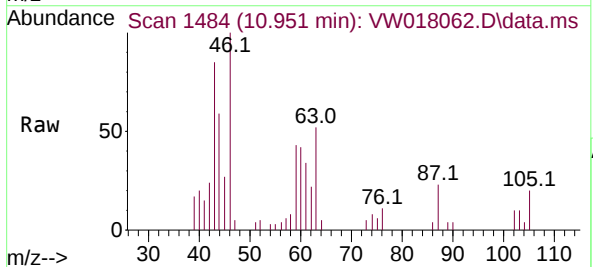
Instrument :
MSVOA_W
ClientSampled :

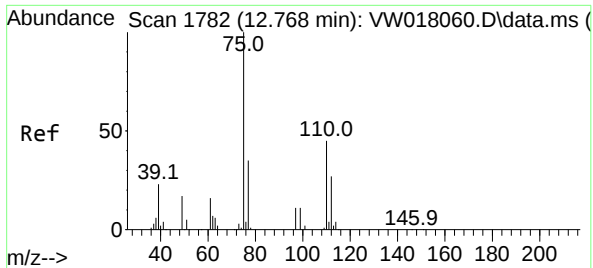
Tgt Ion: 75 Resp: 2032
Ion Ratio Lower Upper
75 100
77 44.5 22.6 42.0#



#49
2-Hexanone
Concen: 1.22 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW018062.D
Acq: 10 Feb 2021 15:09

Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
58 0.0 51.3 76.9#
57 0.0 15.0 22.6#
100 0.0 12.2 18.2#





#59
1,2,3-Trichloropropane
Concen: 3.42 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018062.D
Acq: 10 Feb 2021 15:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 11640
Ion Ratio Lower Upper
75 100
77 33.8 26.6 39.8

