

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018158.D
 Acq On : 16 Feb 2021 13:27
 Operator : SY/VA
 Sample : M1414-11
 Misc : 4.30G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX7

Quant Time: Feb 17 01:05:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

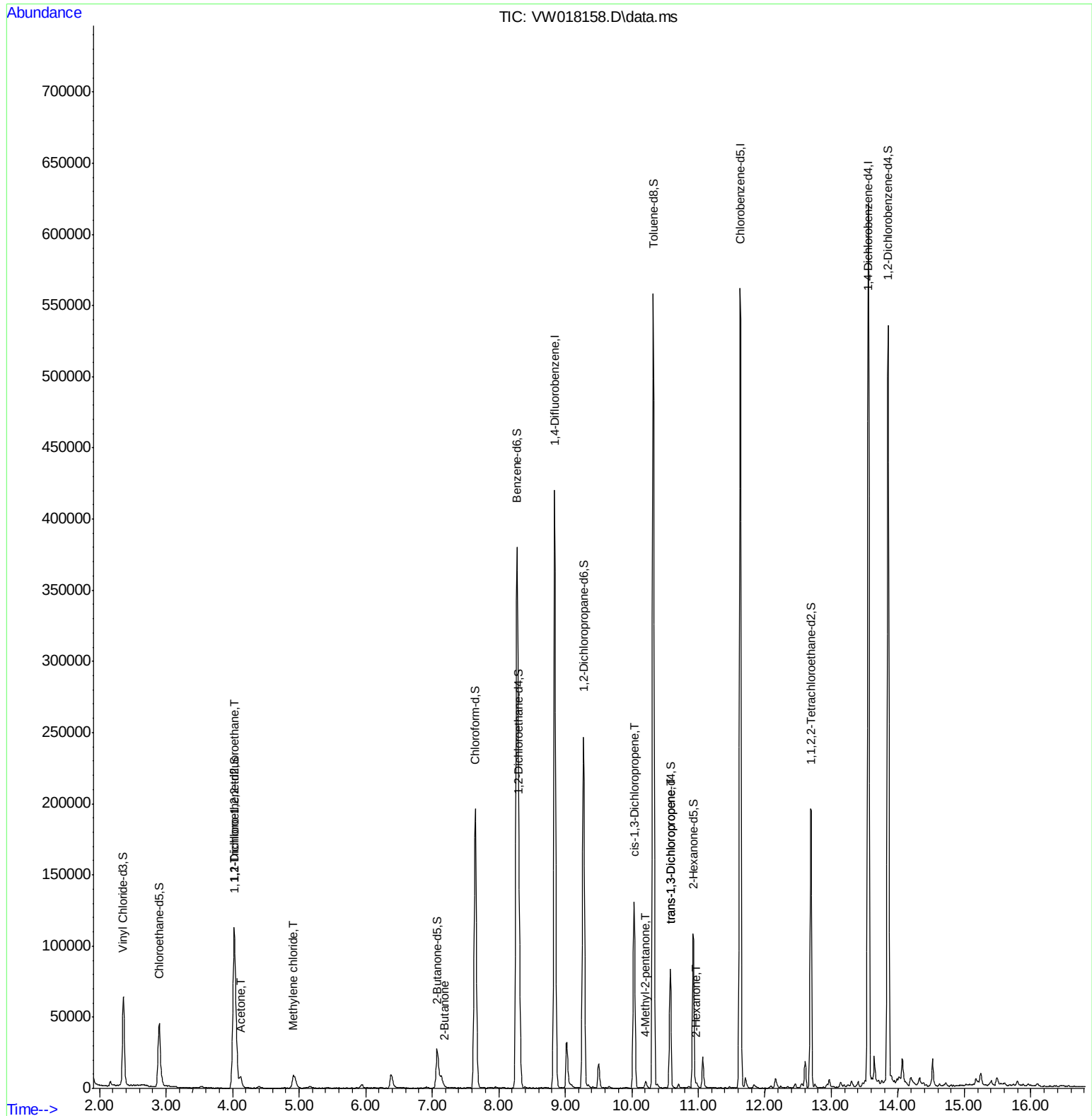
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	371318	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	179374	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	78468	17.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.00%		
7) Chloroethane-d5	2.898	69	66279	18.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.40%		
10) 1,1-Dichloroethene-d2	4.025	63	125431	13.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.40%		
20) 2-Butanone-d5	7.074	46	46631	37.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.74%		
24) Chloroform-d	7.647	84	208586	21.41	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.64%		
26) 1,2-Dichloroethane-d4	8.305	65	105858	20.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.60%		
29) Benzene-d6	8.275	84	406595	21.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.12%		
33) 1,2-Dichloropropane-d6	9.274	67	116040	22.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.92%		
37) Toluene-d8	10.323	98	381930	21.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.04%		
38) trans-1,3-Dichloroprop...	10.579	79	48327	20.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.68%		
39) 2-Hexanone-d5	10.920	63	39921	40.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.00%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	96457	21.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	148322	23.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.72%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.031	101	1752	0.33	ug/L #	35
13) Acetone	4.123	43	13087	14.36	ug/L	98
16) Methylene chloride	4.915	84	4203	0.71	ug/L	97
21) 2-Butanone	7.177	43	1850	1.33	ug/L	82
42) cis-1,3-Dichloropropene	10.036	75	3639	0.50	ug/L #	60
43) 4-Methyl-2-pentanone	10.207	43	3041	1.07	ug/L	95
45) trans-1,3-Dichloropropene	10.579	75	2273	0.36	ug/L #	75
49) 2-Hexanone	10.969	43	821	0.42	ug/L #	23

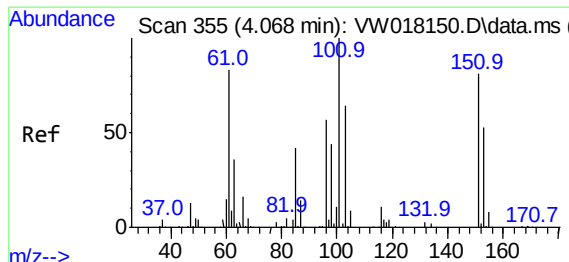
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Feb 17 01:02:43 2021
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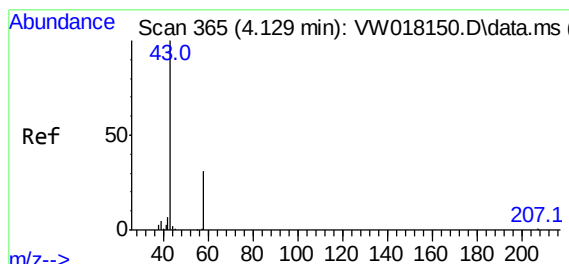
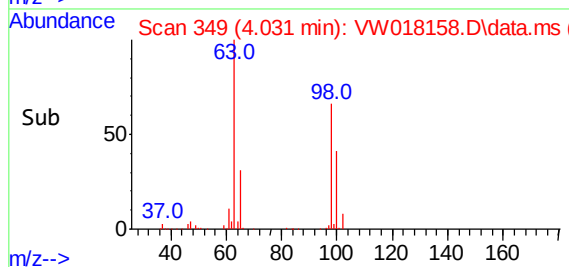
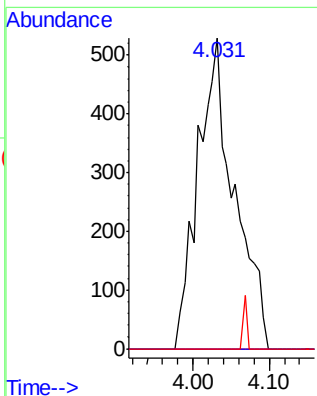
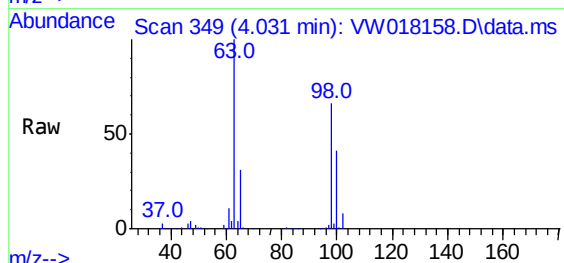




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.33 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.037 min
 Lab File: VW018158.D
 Acq: 16 Feb 2021 13:27

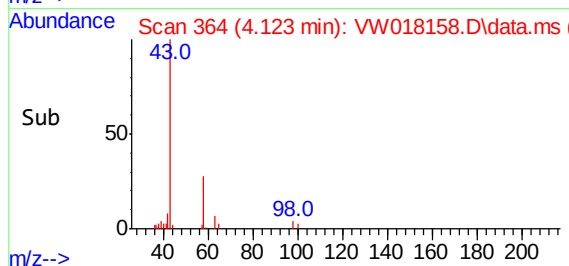
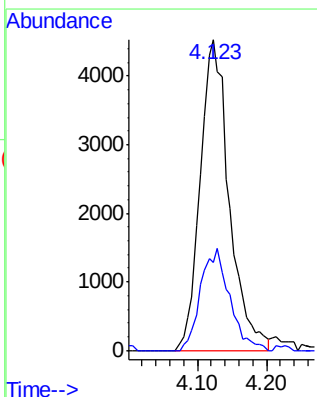
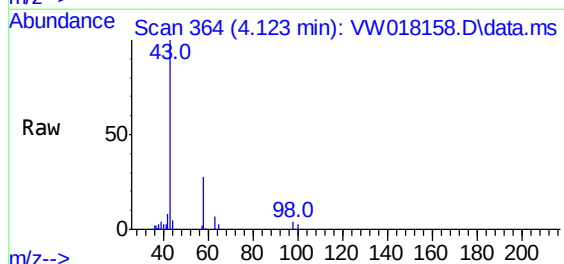
Instrument :
 MSVOA_W
 ClientSampled :
 DBGX7

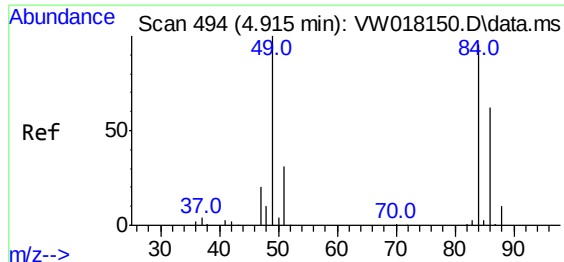
Tgt Ion:101 Resp: 1752
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 14.36 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW018158.D
 Acq: 16 Feb 2021 13:27

Tgt Ion: 43 Resp: 13087
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 68.4



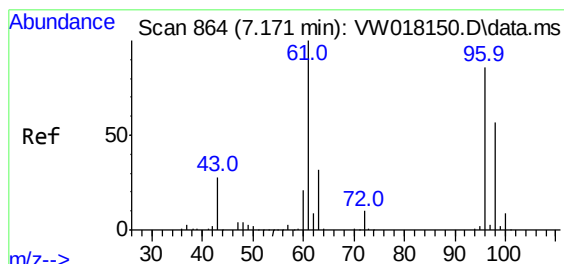
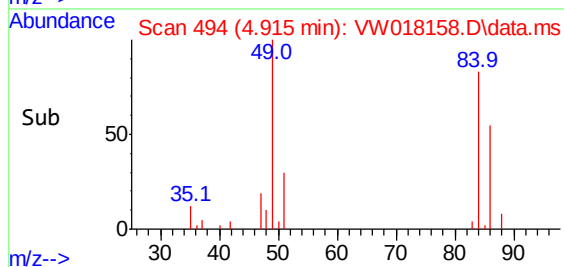
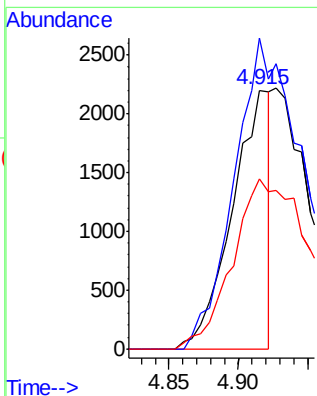
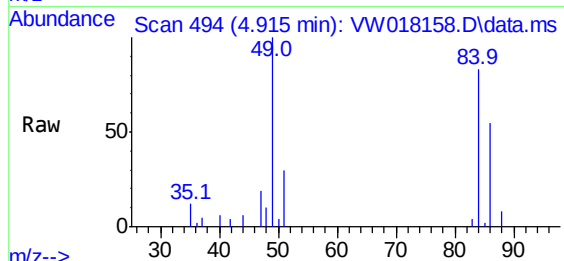


#16
Methylene chloride
Concen: 0.71 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018158.D
Acq: 16 Feb 2021 13:27

Instrument :
MSVOA_W
ClientSampled :
DBGX7

Tgt Ion: 84 Resp: 4203

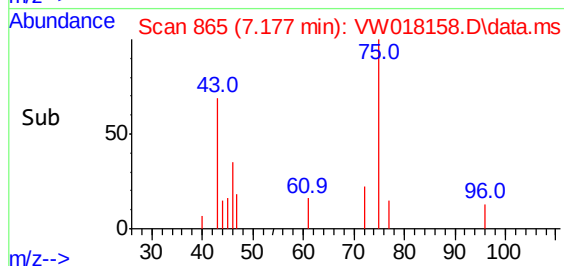
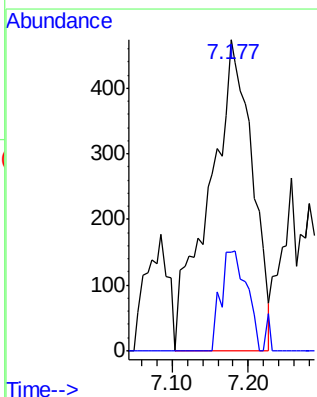
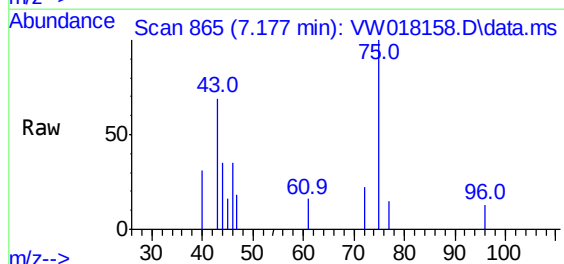
Ion	Ratio	Lower	Upper
84	100		
49	120.0	81.2	150.8
86	65.9	44.5	82.7

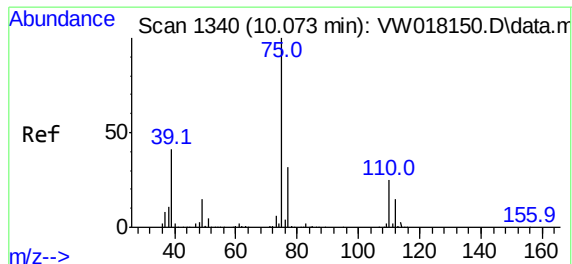


#21
2-Butanone
Concen: 1.33 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018158.D
Acq: 16 Feb 2021 13:27

Tgt Ion: 43 Resp: 1850

Ion	Ratio	Lower	Upper
43	100		
72	19.2	14.4	43.2

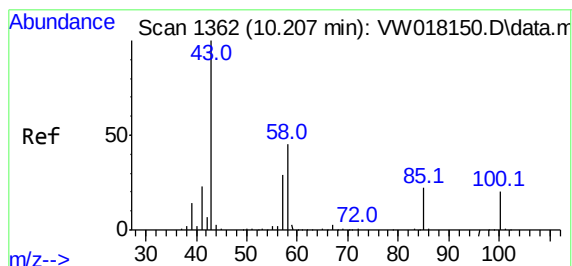
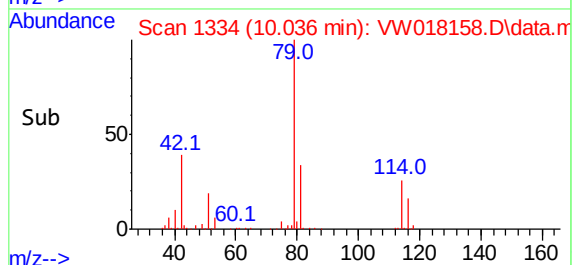
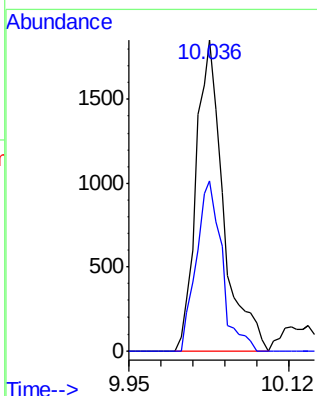
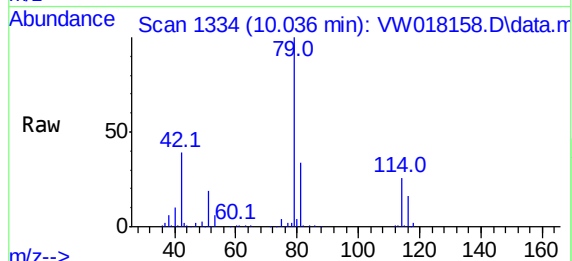




#42
cis-1,3-Dichloropropene
Concen: 0.50 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018158.D
Acq: 16 Feb 2021 13:27

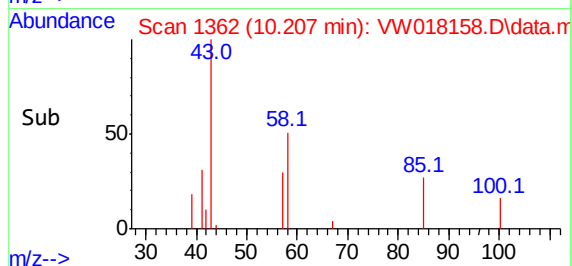
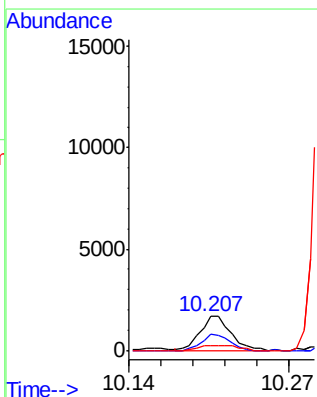
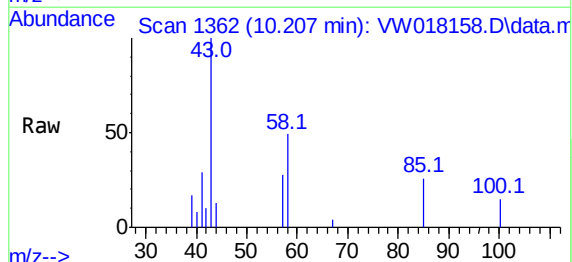
Instrument :
MSVOA_W
ClientSampled :
DBGX7

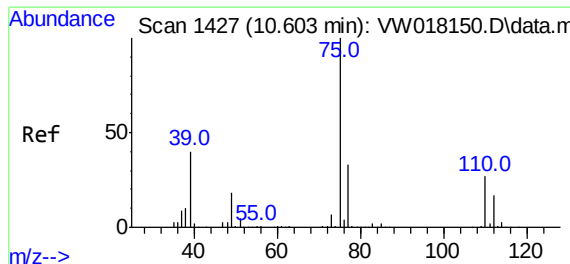
Tgt Ion: 75 Resp: 3639
Ion Ratio Lower Upper
75 100
77 54.7 22.7 42.3#



#43
4-Methyl-2-pentanone
Concen: 1.07 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018158.D
Acq: 16 Feb 2021 13:27

Tgt Ion: 43 Resp: 3041
Ion Ratio Lower Upper
43 100
58 43.0 31.6 47.4
100 19.3 14.1 21.1

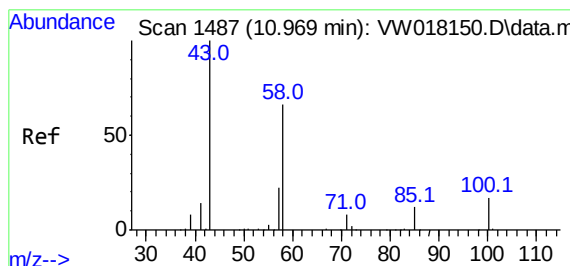
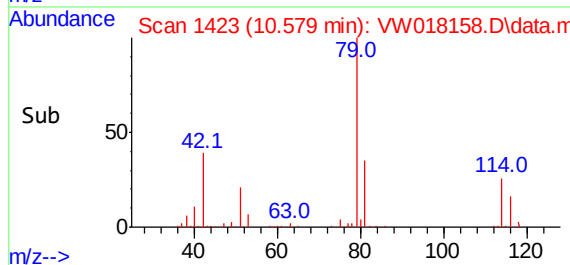
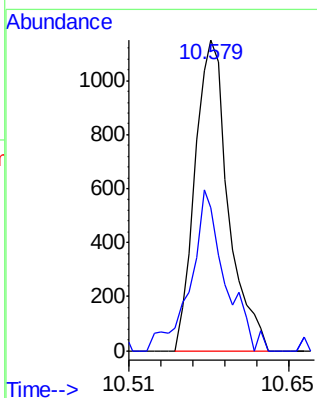
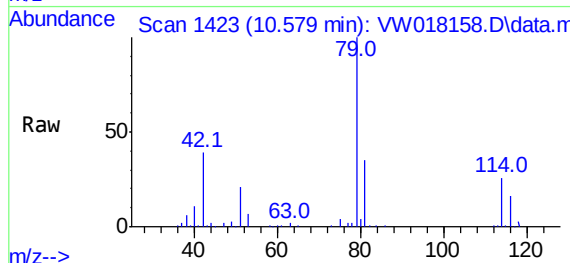




#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018158.D
Acq: 16 Feb 2021 13:27

Instrument :
MSVOA_W
ClientSampled :
DBGX7

Tgt Ion: 75 Resp: 2273
Ion Ratio Lower Upper
75 100
77 46.2 22.6 42.0#



#49
2-Hexanone
Concen: 0.42 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018158.D
Acq: 16 Feb 2021 13:27

Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 46.2 51.3 76.9#
57 151.0 15.0 22.6#
100 0.0 12.2 18.2#

