

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018114.D
 Acq On : 12 Feb 2021 16:47
 Operator : SY/VA
 Sample : M1370-15
 Misc : 6.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ1

Quant Time: Feb 12 22:47:15 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)

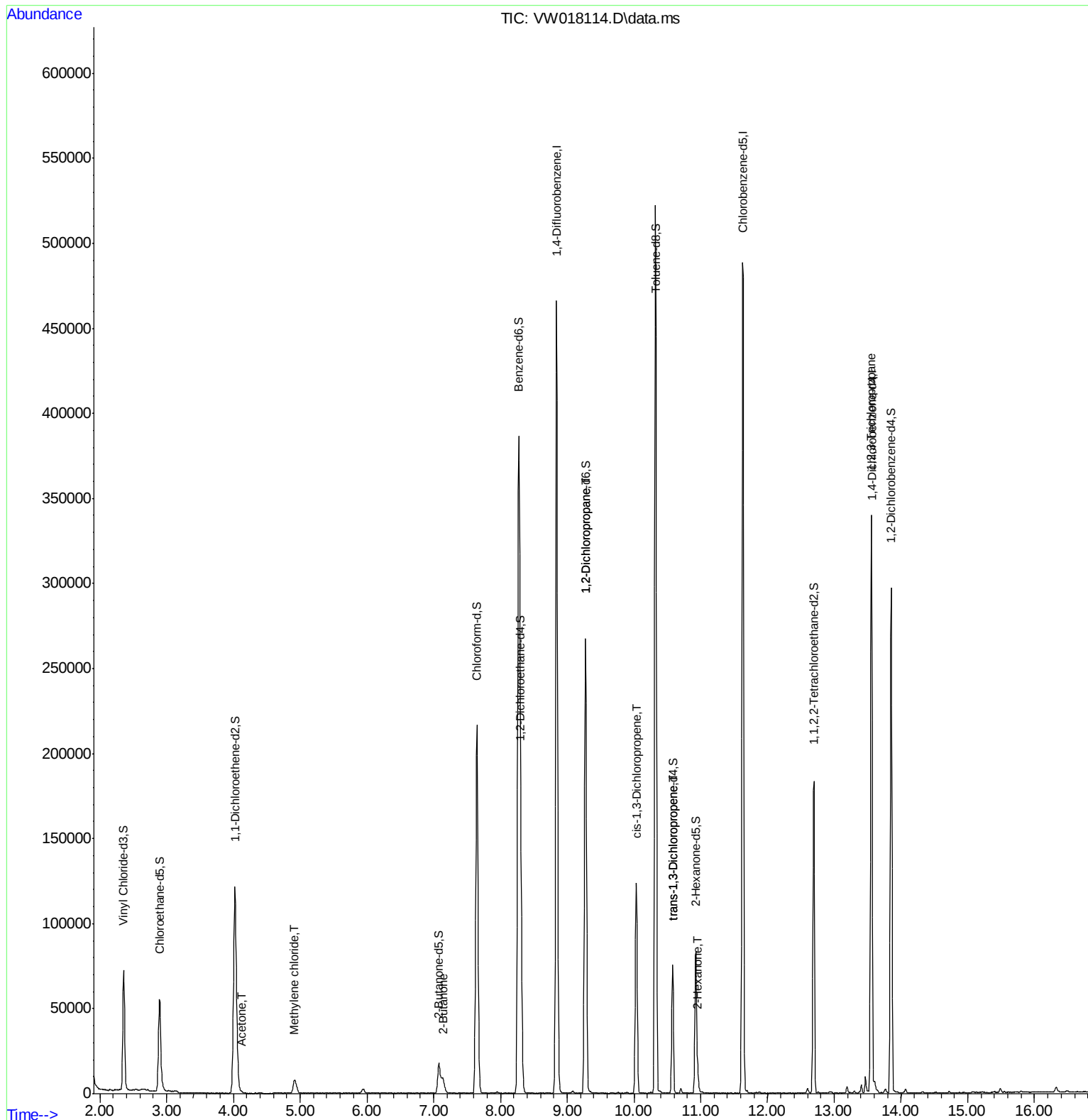
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	410737	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	300527	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	96632	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	82572	16.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.72%		
7) Chloroethane-d5	2.891	69	75212	18.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.24%		
10) 1,1-Dichloroethene-d2	4.019	63	132160	12.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	51.80%		
20) 2-Butanone-d5	7.080	46	29087	21.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	42.70%		
24) Chloroform-d	7.647	84	224841	20.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.44%		
26) 1,2-Dichloroethane-d4	8.305	65	112672	19.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.48%		
29) Benzene-d6	8.275	84	415701	25.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.76%		
33) 1,2-Dichloropropane-d6	9.274	67	124717	27.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	108.08%		
37) Toluene-d8	10.323	98	353722	22.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.12%		
38) trans-1,3-Dichloroprop...	10.579	79	44295	21.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.68%		
39) 2-Hexanone-d5	10.927	63	29082	32.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.92%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	88902	21.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	82477	23.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.72%		
Target Compounds						
13) Acetone	4.123	43	1319	1.31	ug/L	56
16) Methylene chloride	4.916	84	7649	1.16	ug/L	89
21) 2-Butanone	7.141	43	11443	7.46	ug/L #	46
40) 1,2-Dichloropropane	9.274	63	14068	3.49	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	3044	0.47	ug/L #	62
45) trans-1,3-Dichloropropene	10.579	75	1941	0.34	ug/L #	82
49) 2-Hexanone	10.951	43	10639	6.11	ug/L #	43
59) 1,2,3-Trichloropropane	13.554	75	9868	3.20	ug/L	99

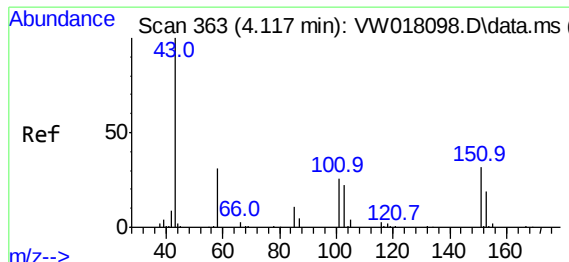
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 12 22:41:34 2021
Response via : Initial Calibration

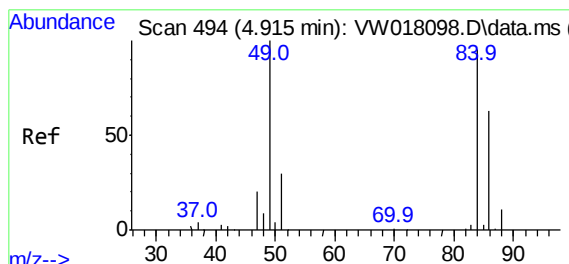
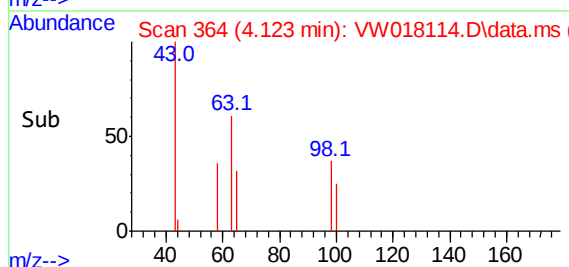
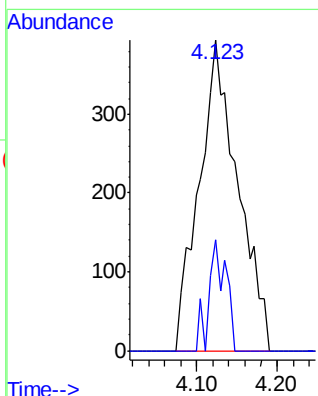
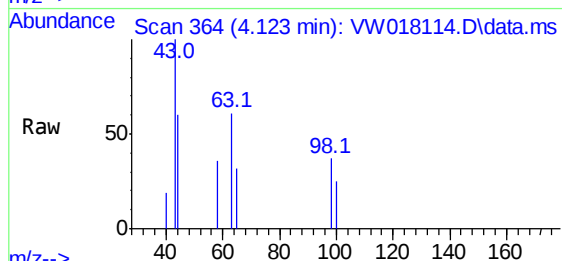




#13
Acetone
Concen: 1.31 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018114.D
Acq: 12 Feb 2021 16:47

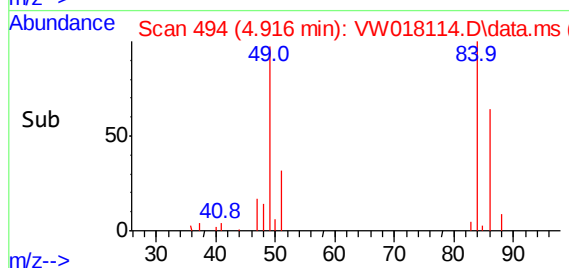
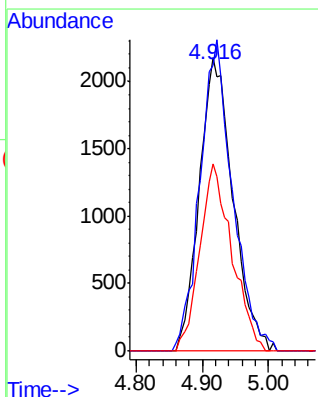
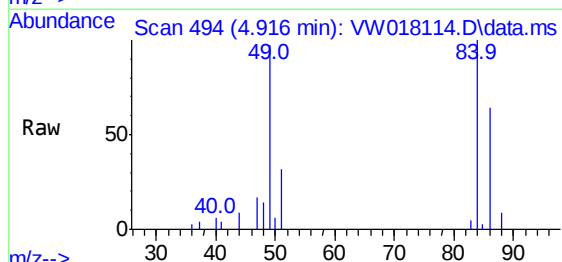
Instrument :
MSVOA_W
ClientSampled :
DBGZ1

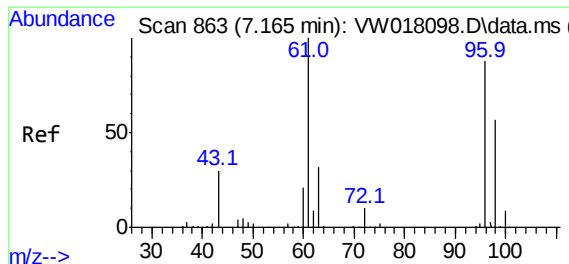
Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
58 8.6 0.0 68.4



#16
Methylene chloride
Concen: 1.16 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018114.D
Acq: 12 Feb 2021 16:47

Tgt Ion: 84 Resp: 7649
Ion Ratio Lower Upper
84 100
49 97.2 81.2 150.8
86 63.9 44.5 82.7

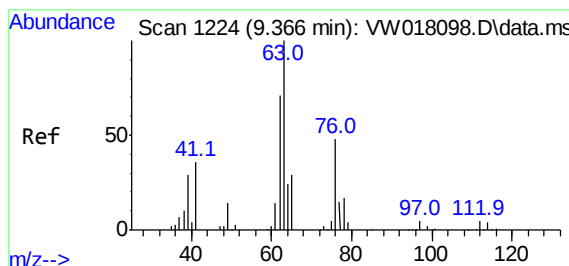
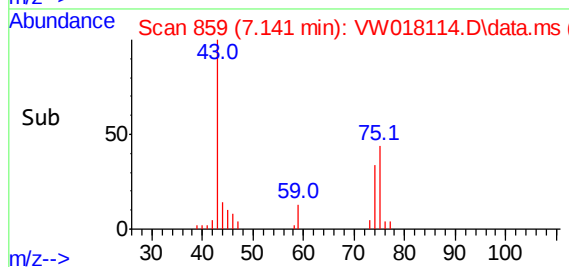
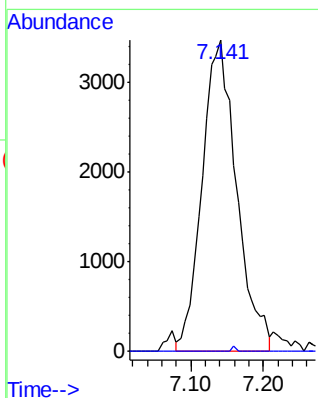
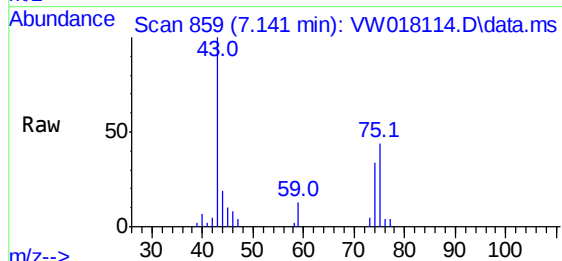




#21
2-Butanone
Concen: 7.46 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018114.D
Acq: 12 Feb 2021 16:47

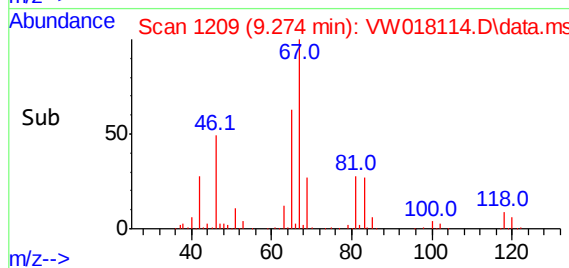
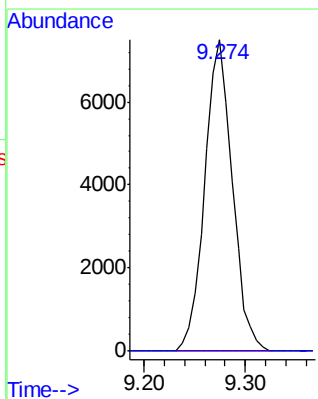
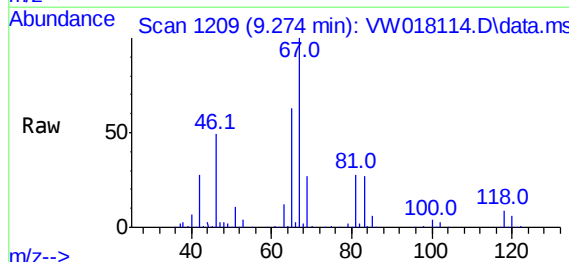
Instrument :
MSVOA_W
ClientSampled :
DBGZ1

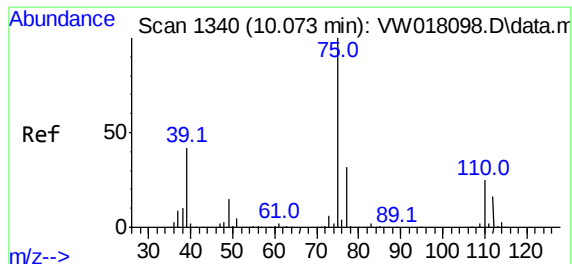
Tgt Ion: 43 Resp: 11443
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#40
1,2-Dichloropropane
Concen: 3.49 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018114.D
Acq: 12 Feb 2021 16:47

Tgt Ion: 63 Resp: 14068
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

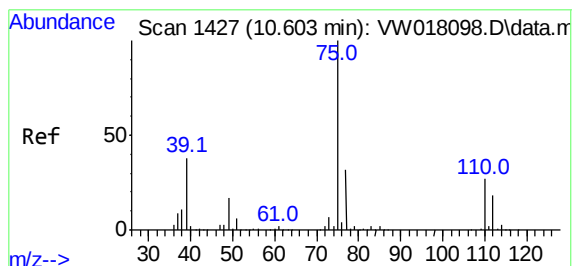
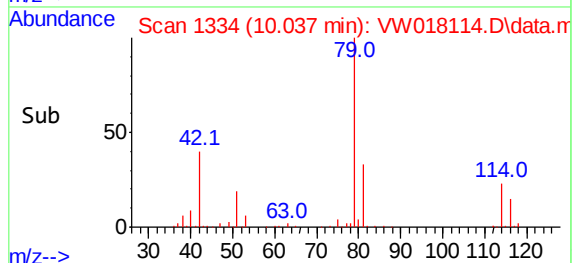
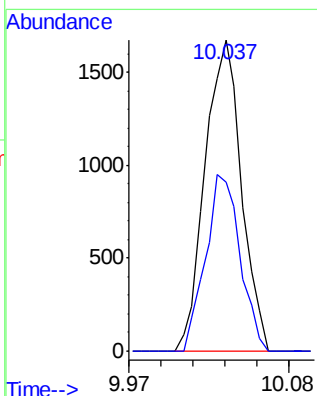
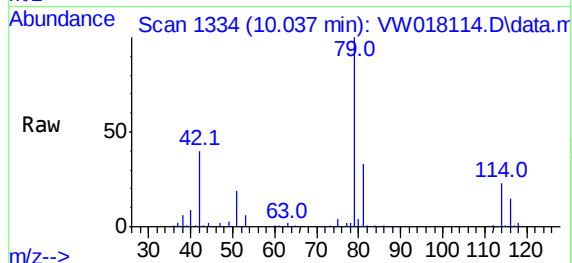




#42
cis-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018114.D
Acq: 12 Feb 2021 16:47

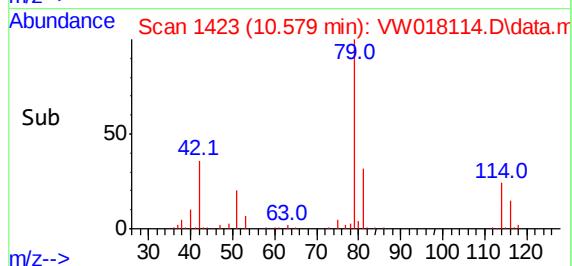
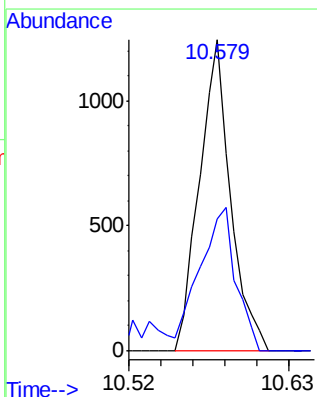
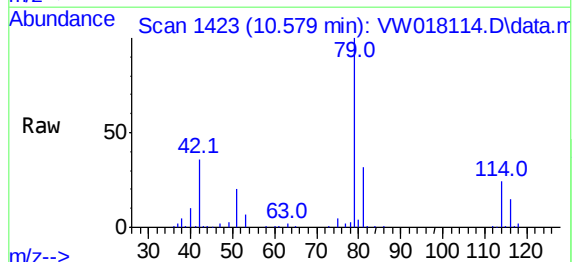
Instrument :
MSVOA_W
ClientSampleId :
DBGZ1

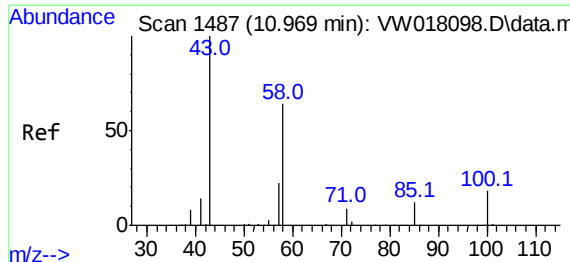
Tgt Ion: 75 Resp: 3044
Ion Ratio Lower Upper
75 100
77 54.1 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018114.D
Acq: 12 Feb 2021 16:47

Tgt Ion: 75 Resp: 1941
Ion Ratio Lower Upper
75 100
77 42.5 22.6 42.0#



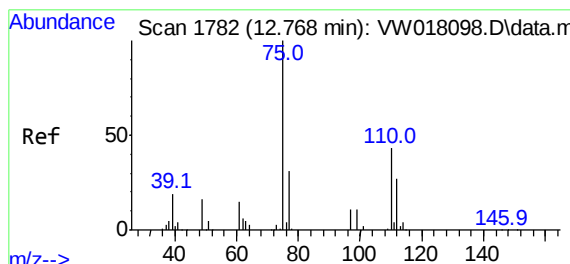
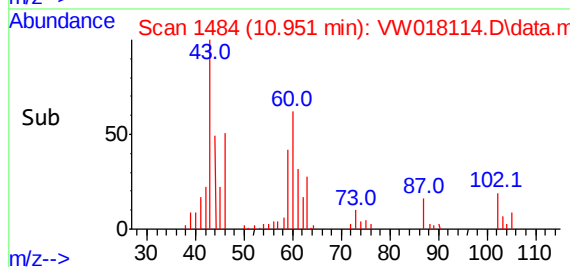
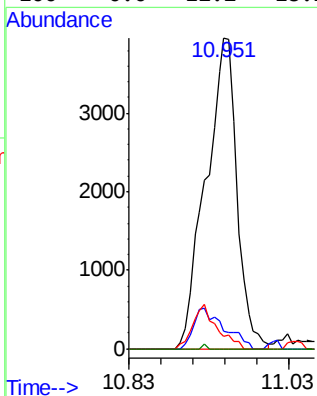
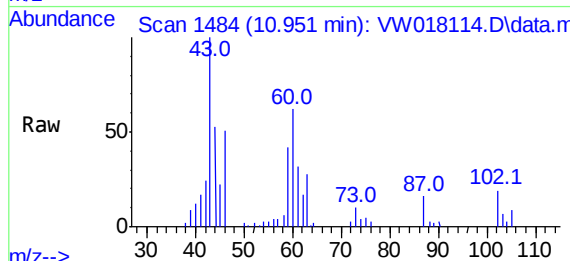


#49
2-Hexanone
Concen: 6.11 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW018114.D
Acq: 12 Feb 2021 16:47

Instrument :
MSVOA_W
ClientSampleId :
DBGZ1

Tgt Ion: 43 Resp: 10639

Ion	Ratio	Lower	Upper
43	100		
58	6.8	51.3	76.9#
57	11.1	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 3.20 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018114.D
Acq: 12 Feb 2021 16:47

Tgt Ion: 75 Resp: 9868

Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.6	39.8

