

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018107.D
 Acq On : 12 Feb 2021 13:59
 Operator : SY/VA
 Sample : M1371-23
 Misc : 7.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX8

Quant Time: Feb 12 22:45:09 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)

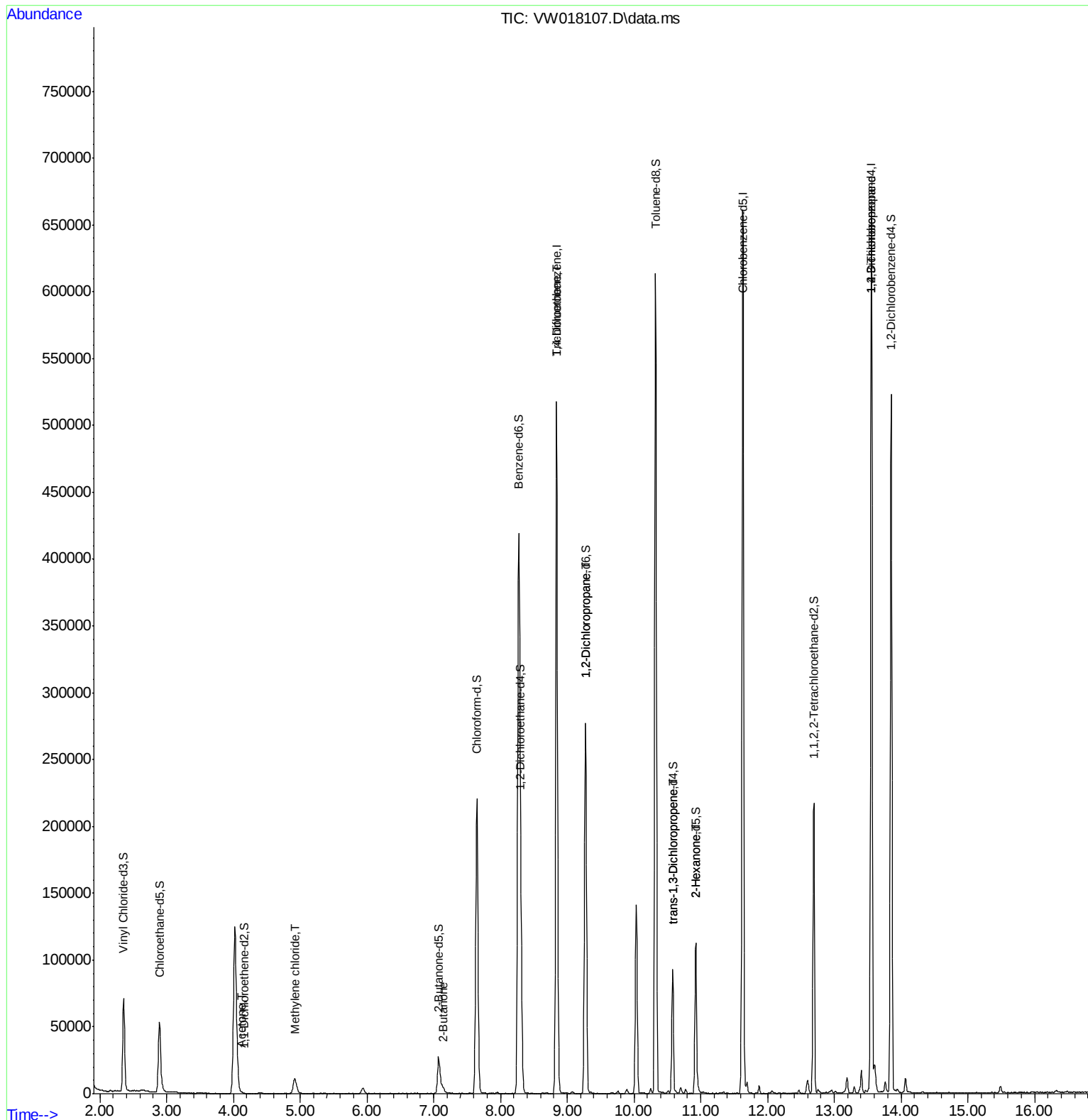
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	451724	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	394422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	190305	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84020	14.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.88%		
7) Chloroethane-d5	2.891	69	73823	16.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.28%		
10) 1,1-Dichloroethene-d2	4.166	63	64	0.01	ug/L	0.14
Spiked Amount 25.000	Range 45 - 110		Recovery =	0.04%#		
20) 2-Butanone-d5	7.080	46	45669	30.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.96%		
24) Chloroform-d	7.647	84	234809	19.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.24%		
26) 1,2-Dichloroethane-d4	8.305	65	122076	19.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.32%		
29) Benzene-d6	8.275	84	449857	20.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.08%		
33) 1,2-Dichloropropane-d6	9.274	67	130437	21.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.12%		
37) Toluene-d8	10.323	98	420695	20.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.68%		
38) trans-1,3-Dichloroprop...	10.579	79	52008	18.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.76%		
39) 2-Hexanone-d5	10.927	63	40708	35.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.30%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	106785	20.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	143304	21.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.44%		
Target Compounds						
13) Acetone	4.123	43	845	0.76	ug/L	52
16) Methylene chloride	4.921	84	10684	1.48	ug/L	93
21) 2-Butanone	7.141	43	3321	1.97	ug/L #	46
35) Trichloroethene	8.841	95	13404	2.06	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	14765	2.79	ug/L #	84
45) trans-1,3-Dichloropropene	10.579	75	2287	0.31	ug/L	95
49) 2-Hexanone	10.927	43	7448	3.26	ug/L #	56
59) 1,2,3-Trichloropropane	13.554	75	18497	4.57	ug/L	98

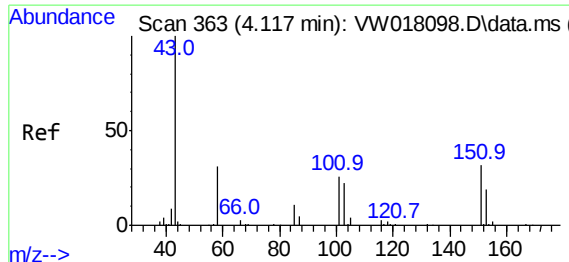
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 12 22:45:09 2021
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Quant Title : VOC Analysis
QLast Update : Fri Feb 12 22:41:34 2021
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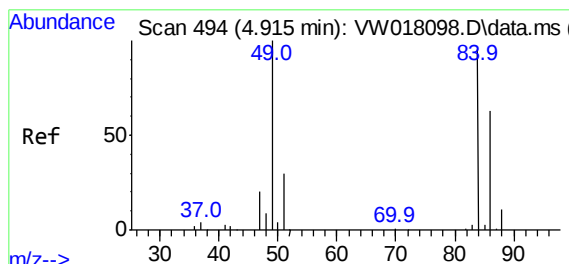
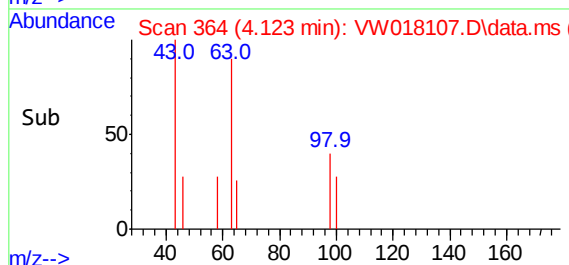
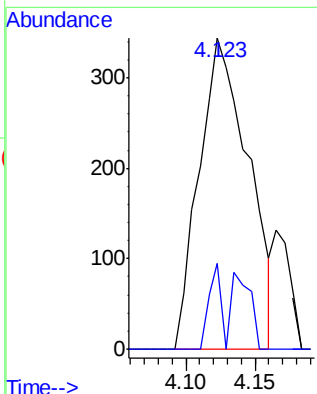
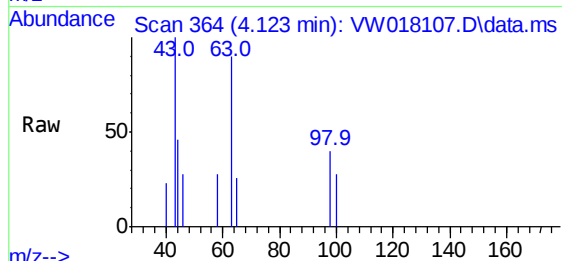




#13
Acetone
Concen: 0.76 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018107.D
Acq: 12 Feb 2021 13:59

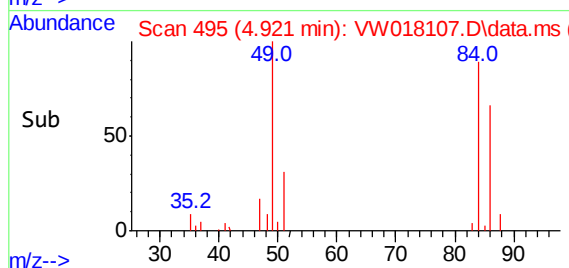
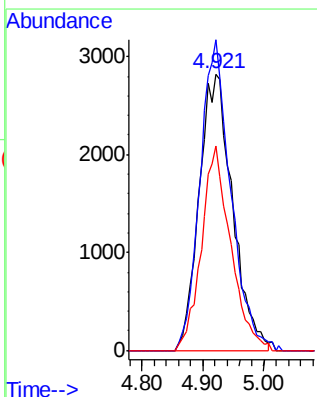
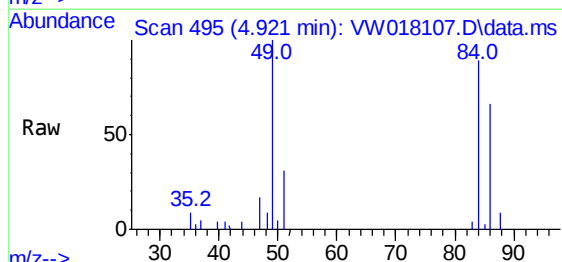
Instrument :
MSVOA_W
ClientSampled :
DBGX8

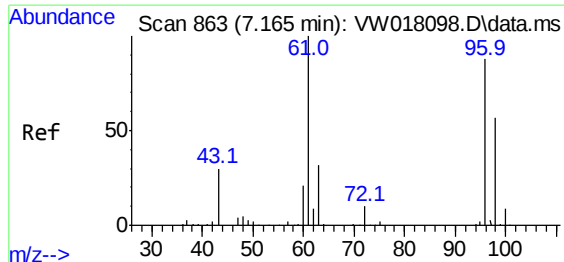
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 6.7 0.0 68.4



#16
Methylene chloride
Concen: 1.48 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018107.D
Acq: 12 Feb 2021 13:59

Tgt Ion: 84 Resp: 10684
Ion Ratio Lower Upper
84 100
49 112.4 81.2 150.8
86 74.1 44.5 82.7

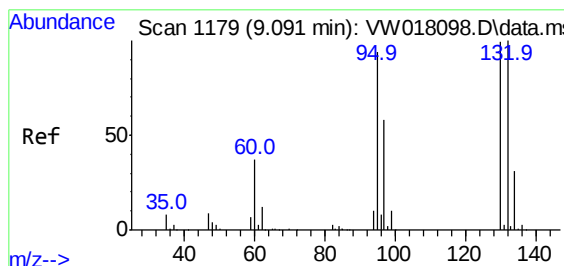
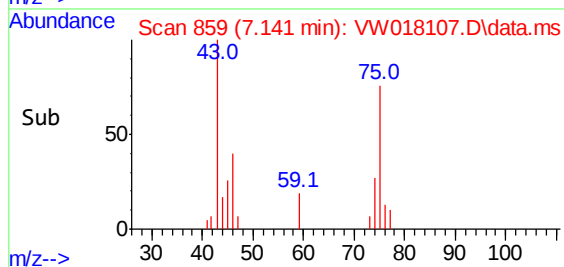
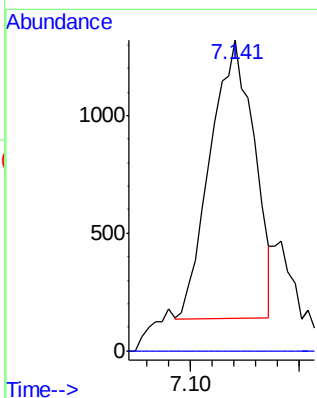
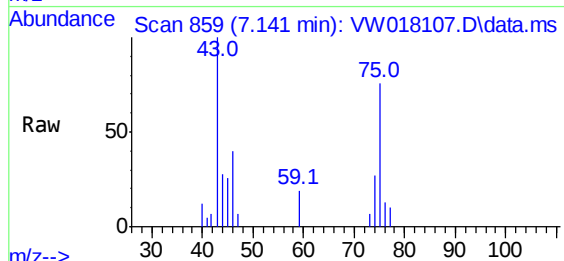




#21
2-Butanone
Concen: 1.97 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018107.D
Acq: 12 Feb 2021 13:59

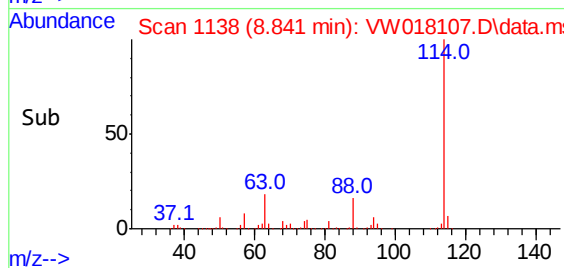
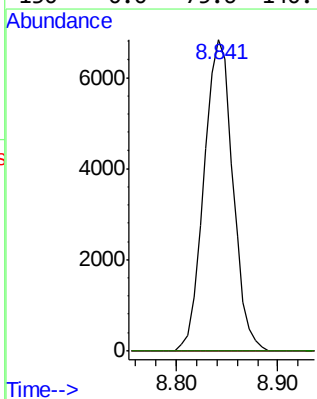
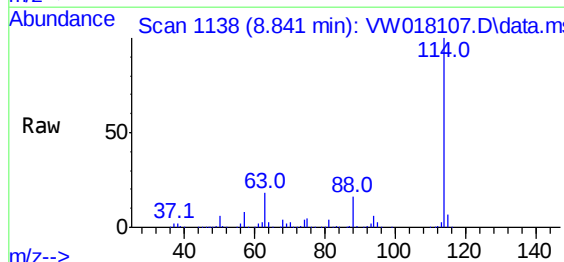
Instrument :
MSVOA_W
ClientSampleId :
DBGX8

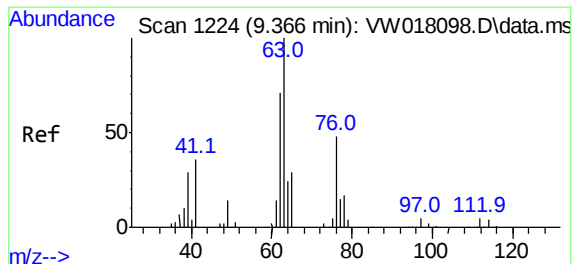
Tgt Ion: 43 Resp: 3321
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.06 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018107.D
Acq: 12 Feb 2021 13:59

Tgt Ion: 95 Resp: 13404
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#

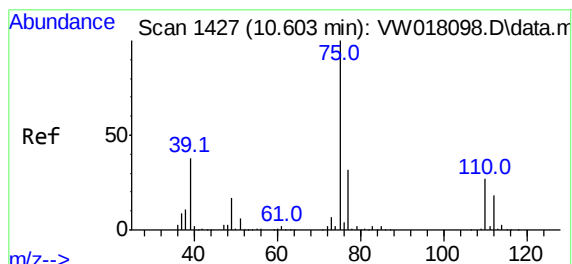
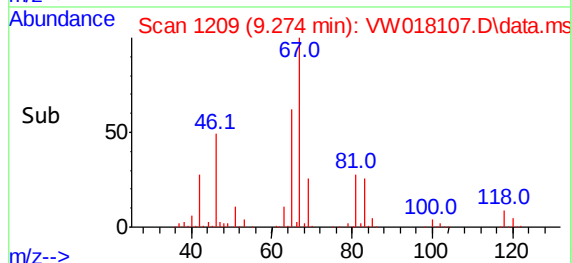
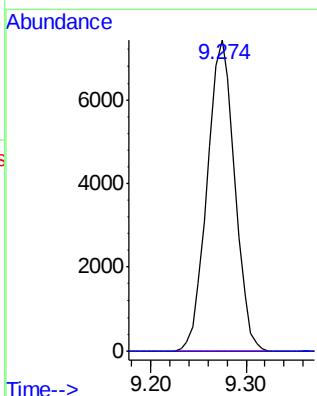
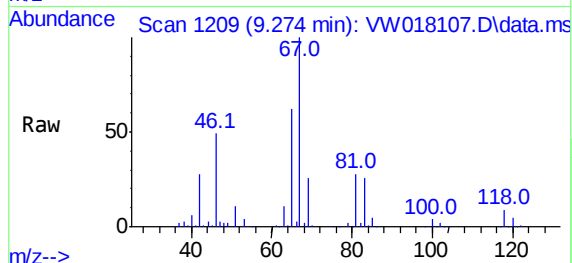




#40
1,2-Dichloropropane
Concen: 2.79 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018107.D
Acq: 12 Feb 2021 13:59

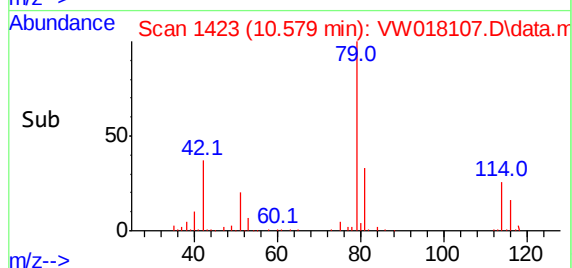
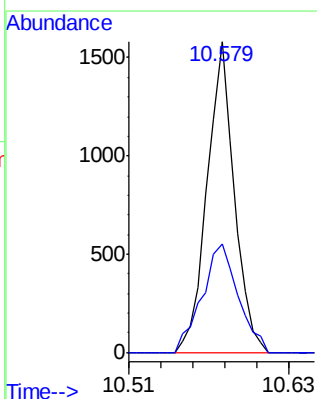
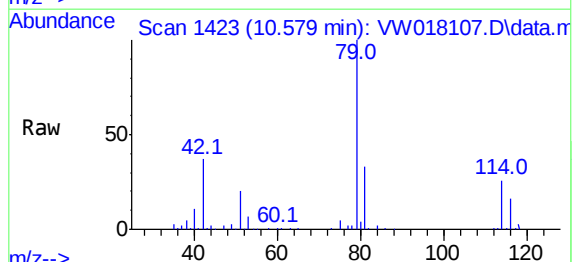
Instrument :
MSVOA_W
ClientSampled :
DBGX8

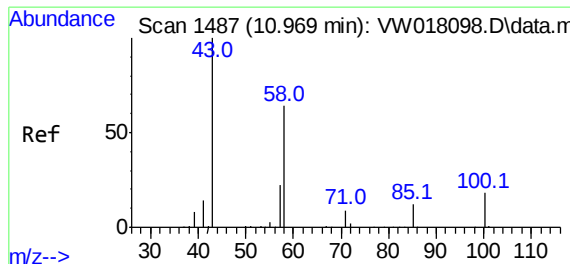
Tgt Ion: 63 Resp: 14765
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018107.D
Acq: 12 Feb 2021 13:59

Tgt Ion: 75 Resp: 2287
Ion Ratio Lower Upper
75 100
77 35.1 22.6 42.0



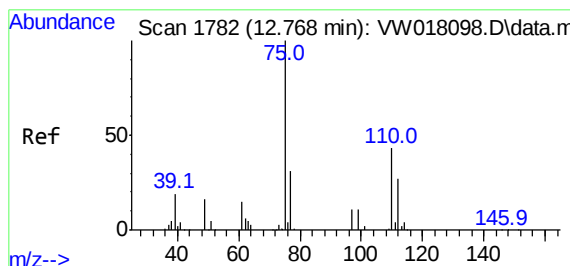
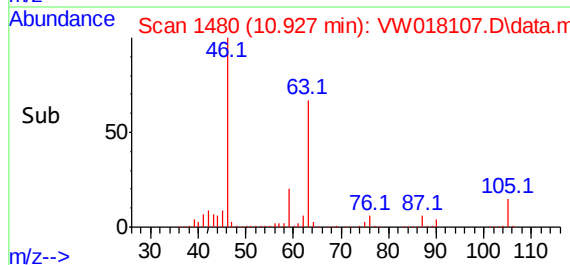
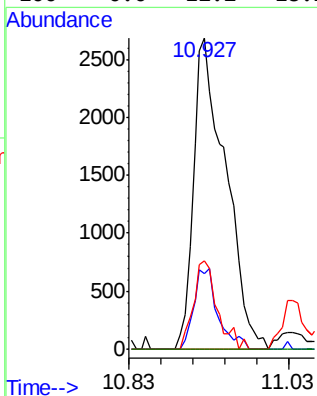
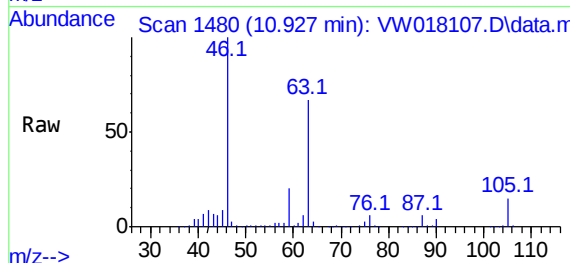


#49
2-Hexanone
Concen: 3.26 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018107.D
Acq: 12 Feb 2021 13:59

Instrument :
MSVOA_W
ClientSampleId :
DBGX8

Tgt Ion: 43 Resp: 7448

Ion	Ratio	Lower	Upper
43	100		
58	18.4	51.3	76.9#
57	18.9	15.0	22.6
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 4.57 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018107.D
Acq: 12 Feb 2021 13:59

Tgt Ion: 75 Resp: 18497

Ion	Ratio	Lower	Upper
75	100		
77	34.3	26.6	39.8

