

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020821\
 Data File : VW018047.D
 Acq On : 08 Feb 2021 12:12
 Operator : SY/VA
 Sample : M1310-13RE
 Misc : 4.49G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A58

Quant Time: Feb 09 03:24:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 03:23:41 2021
 Response via : Initial Calibration

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

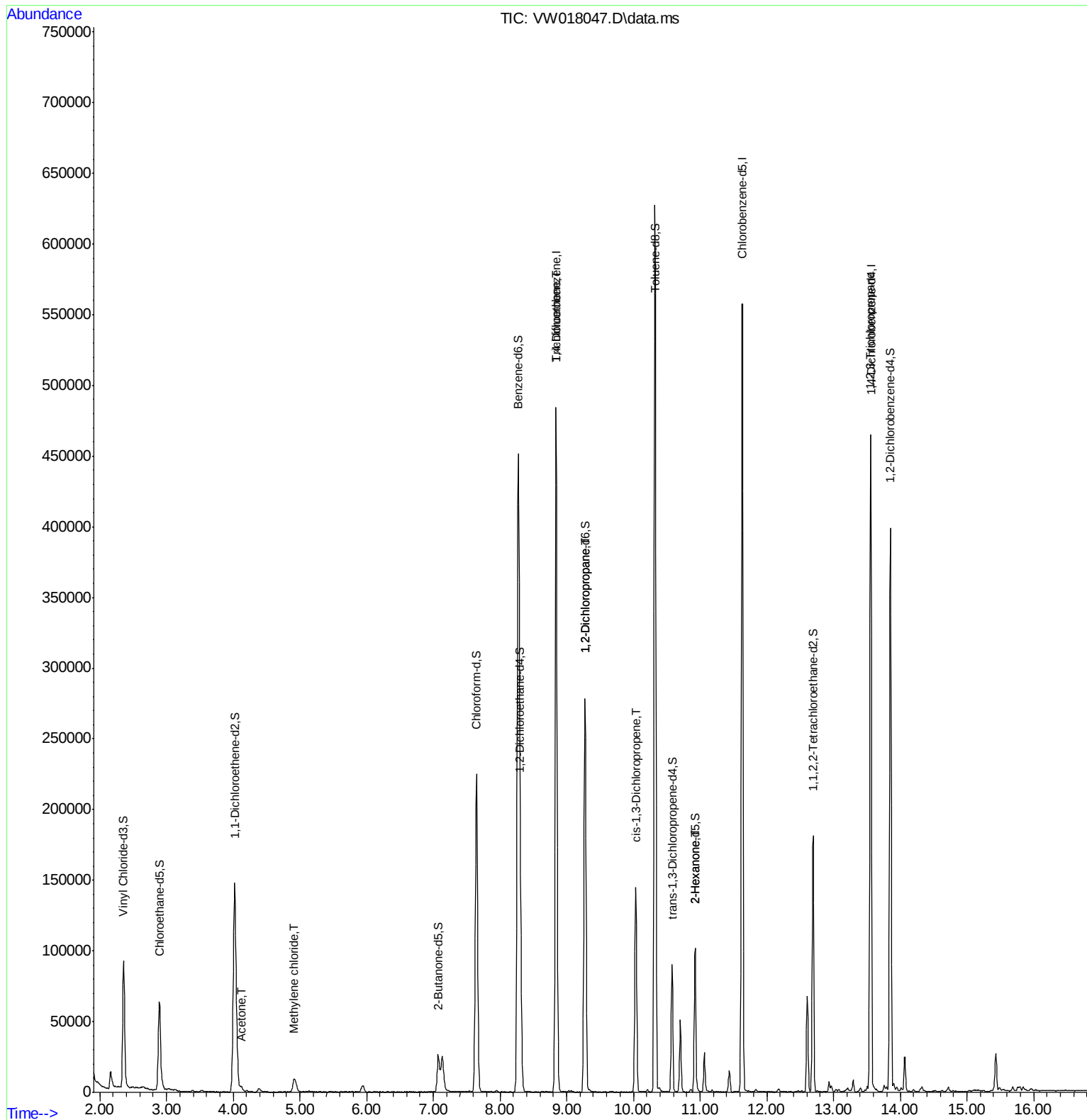
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	423314	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	338636	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	132035	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104629	19.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.56%		
7) Chloroethane-d5	2.891	69	87180	20.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.52%		
10) 1,1-Dichloroethene-d2	4.019	63	162966	15.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.96%		
20) 2-Butanone-d5	7.073	46	44638	31.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.58%		
24) Chloroform-d	7.647	84	239345	21.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.20%		
26) 1,2-Dichloroethane-d4	8.305	65	117800	19.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.64%		
29) Benzene-d6	8.274	84	475466	25.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.28%		
33) 1,2-Dichloropropane-d6	9.274	67	133129	25.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.40%		
37) Toluene-d8	10.323	98	426118	24.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.36%		
38) trans-1,3-Dichloroprop...	10.579	79	51604	21.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.56%		
39) 2-Hexanone-d5	10.926	63	35991	36.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.40%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	89947	19.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.76%		
61) 1,2-Dichlorobenzene-d4	13.853	152	112800	23.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.80%		
Target Compounds						
13) Acetone	4.117	43	5676	5.46	ug/L	70
16) Methylene chloride	4.915	84	9328	1.38	ug/L	85
35) Trichloroethene	8.841	95	12239	2.19	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	15261	3.36	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3601	0.49	ug/L #	81
49) 2-Hexanone	10.926	43	4742	2.42	ug/L #	57
59) 1,2,3-Trichloropropane	13.554	75	13912	4.00	ug/L	100

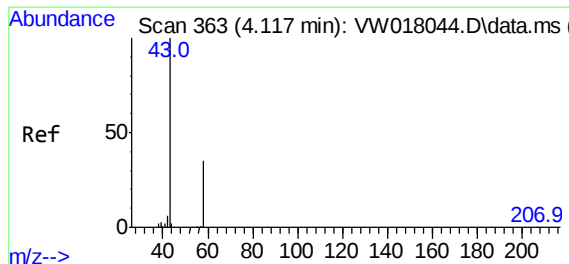
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 09 03:23:41 2021
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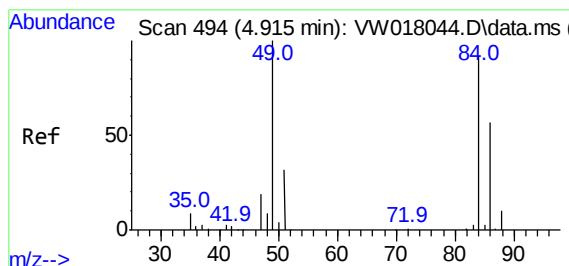
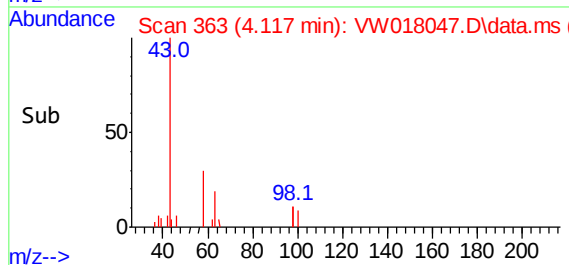
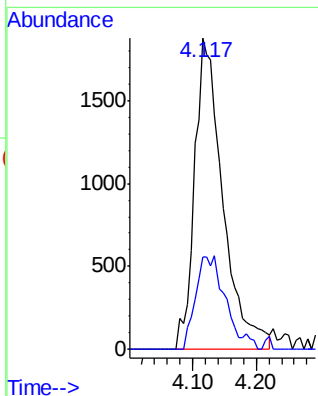
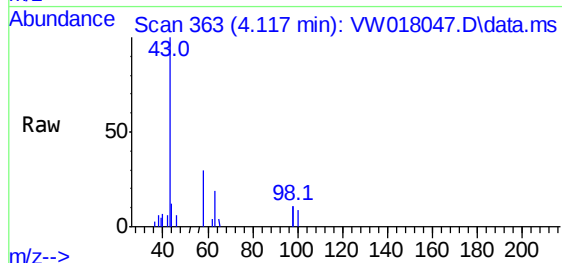




#13
Acetone
Concen: 5.46 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018047.D
Acq: 08 Feb 2021 12:12

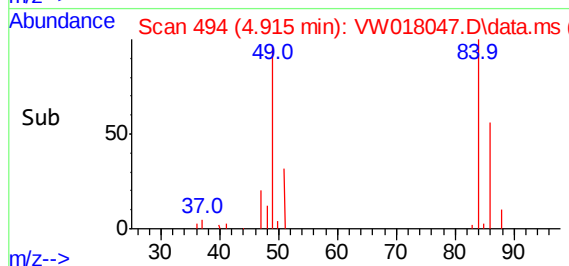
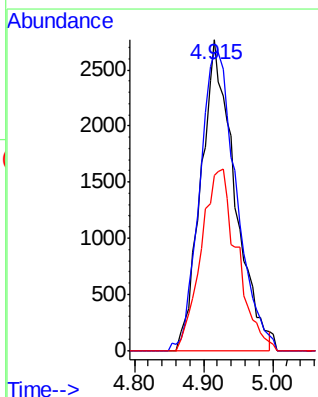
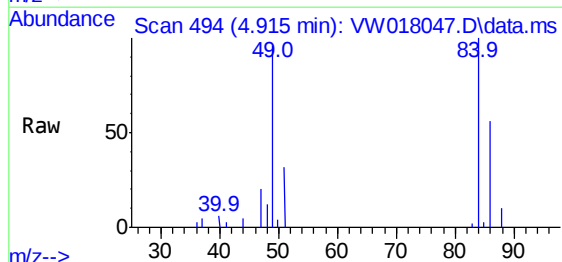
Instrument :
MSVOA_W
ClientSampled :
C0A58

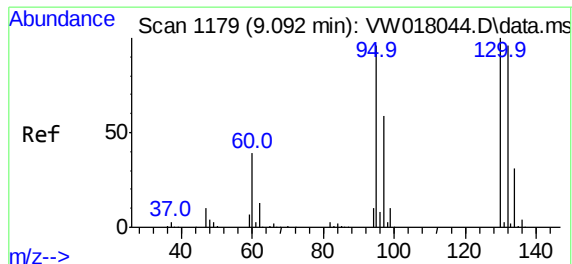
Tgt Ion: 43 Resp: 5676
Ion Ratio Lower Upper
43 100
58 17.1 0.0 68.4



#16
Methylene chloride
Concen: 1.38 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018047.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 84 Resp: 9328
Ion Ratio Lower Upper
84 100
49 95.8 81.2 150.8
86 56.4 44.5 82.7

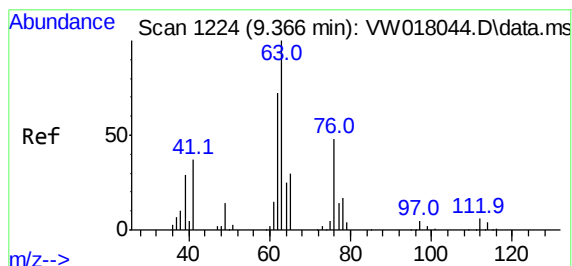
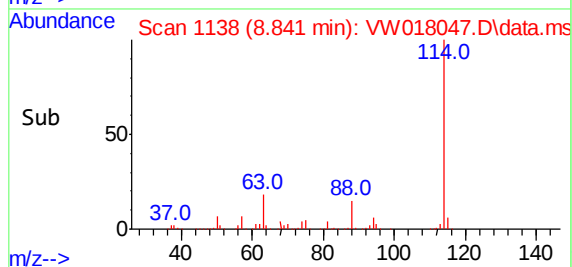
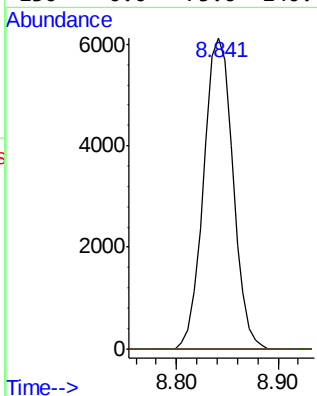
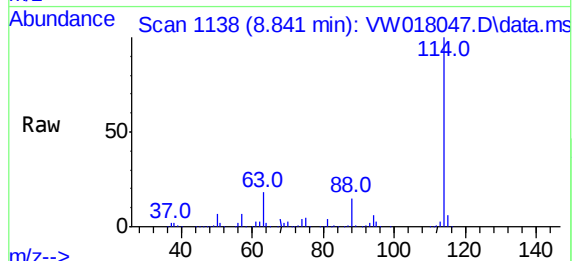




#35
Trichloroethene
Concen: 2.19 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018047.D
Acq: 08 Feb 2021 12:12

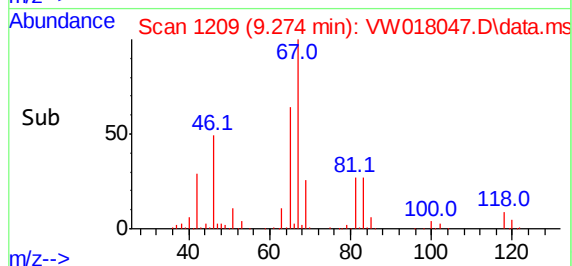
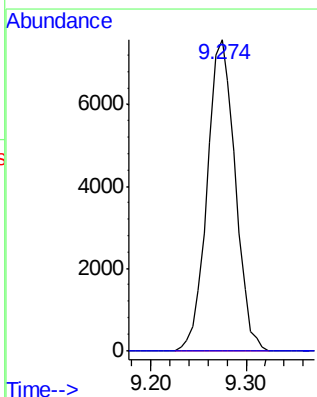
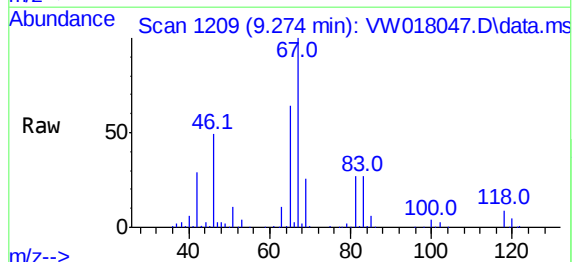
Instrument :
MSVOA_W
ClientSampled :
C0A58

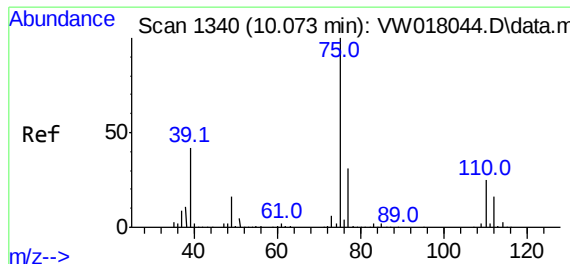
Tgt Ion: 95 Resp: 12239
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#40
1,2-Dichloropropane
Concen: 3.36 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018047.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 63 Resp: 15261
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

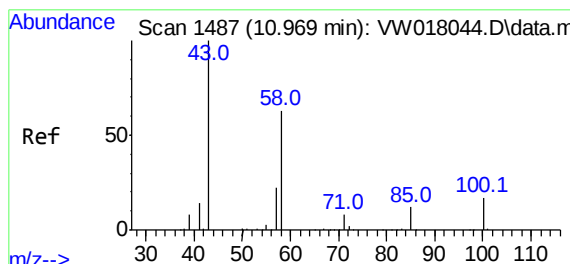
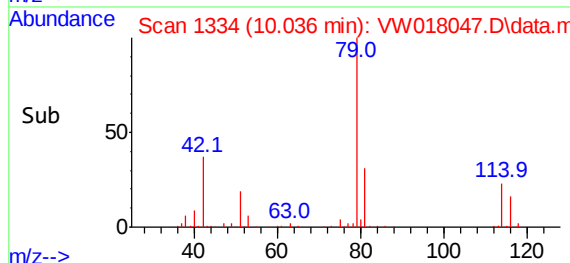
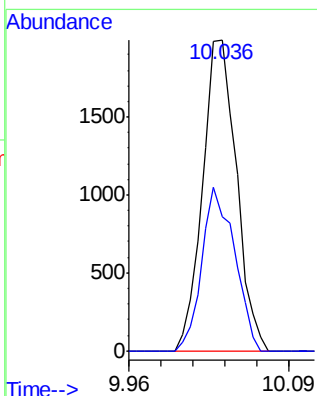
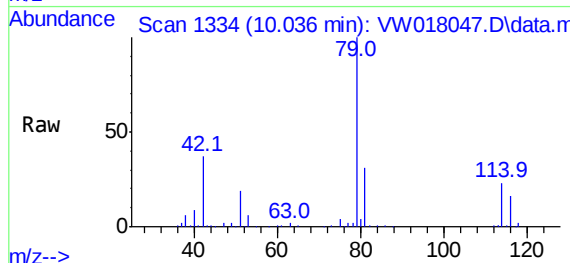




#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018047.D
Acq: 08 Feb 2021 12:12

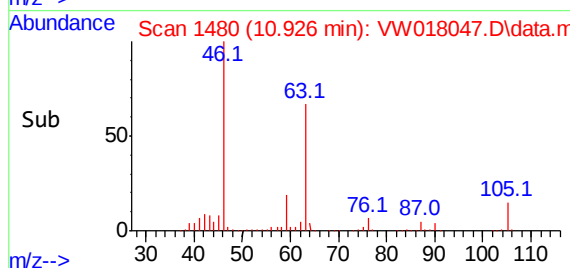
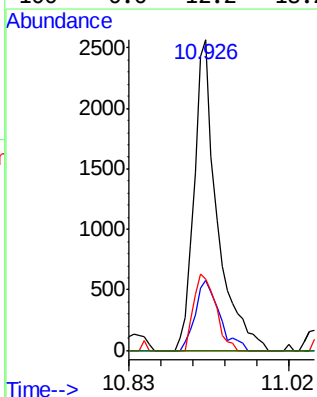
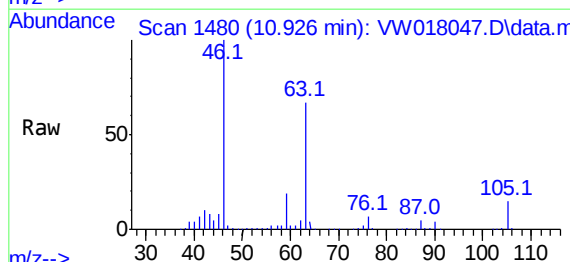
Instrument :
MSVOA_W
ClientSampled :
C0A58

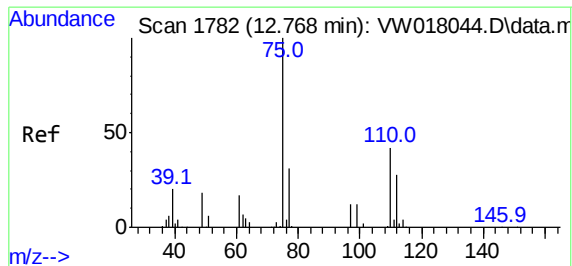
Tgt Ion: 75 Resp: 3601
Ion Ratio Lower Upper
75 100
77 43.0 22.7 42.3#



#49
2-Hexanone
Concen: 2.42 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018047.D
Acq: 08 Feb 2021 12:12

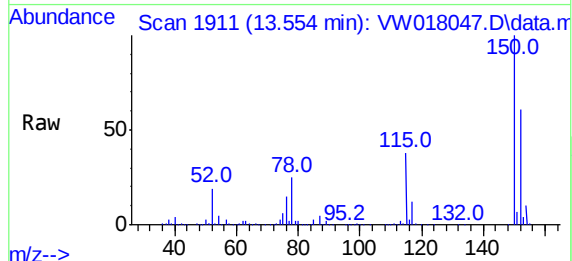
Tgt Ion: 43 Resp: 4742
Ion Ratio Lower Upper
43 100
58 21.5 51.3 76.9#
57 23.3 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.00 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018047.D
 Acq: 08 Feb 2021 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A58



Tgt Ion: 75 Resp: 13912
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.6 39.8

