

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018016.D
 Acq On : 02 Feb 2021 17:23
 Operator : SY/VA
 Sample : M1298-04
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A42

Quant Time: Feb 03 00:27:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 00:24:42 2021
 Response via : Initial Calibration

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

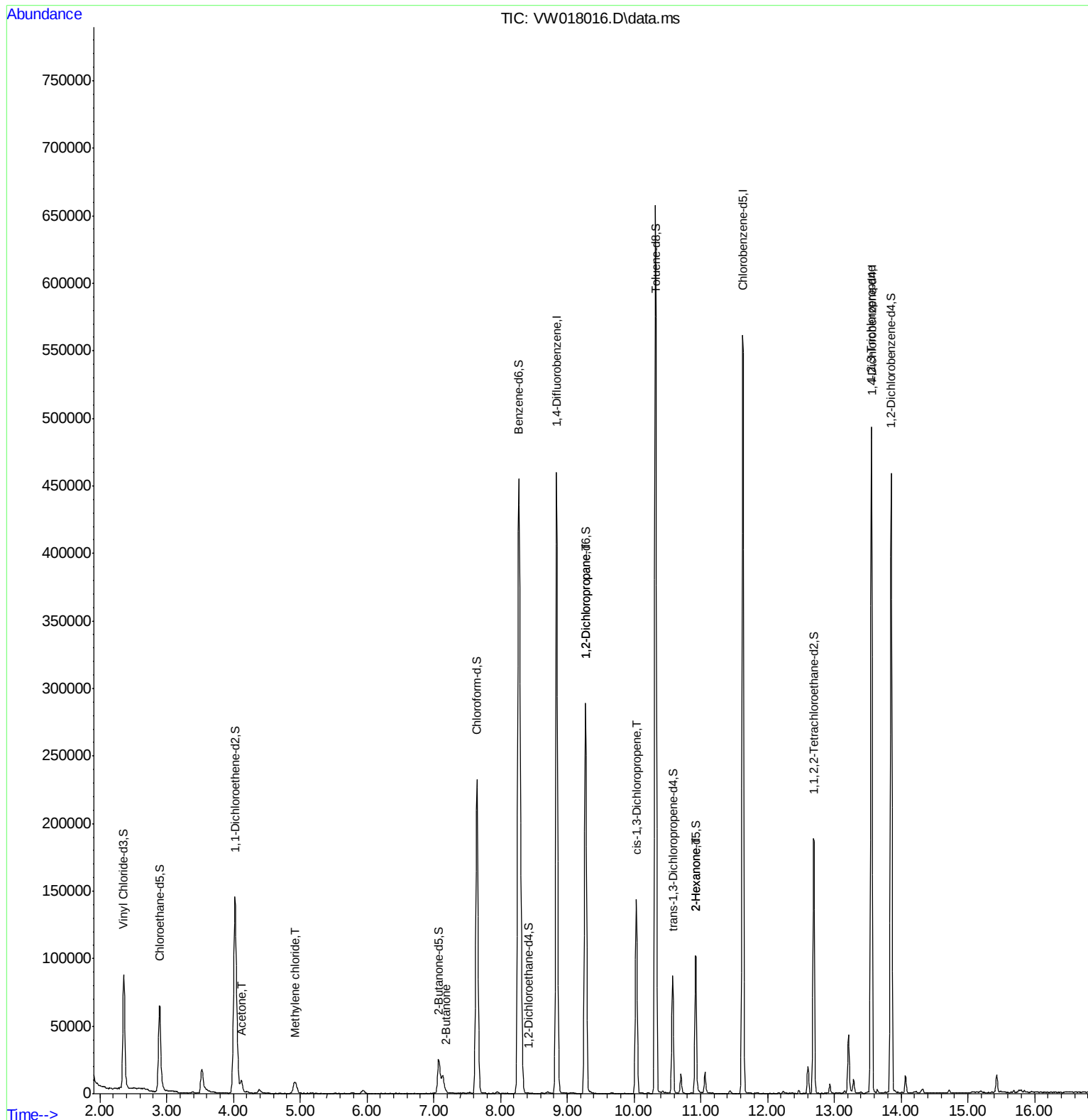
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	400717	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330764	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	138166	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109183	21.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.68%		
7) Chloroethane-d5	2.891	69	88712	22.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.76%		
10) 1,1-Dichloroethene-d2	4.025	63	163559	16.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.72%		
20) 2-Butanone-d5	7.074	46	44028	33.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.26%		
24) Chloroform-d	7.647	84	246169	23.41	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.64%		
26) 1,2-Dichloroethane-d4	8.427	65	52	0.01	ug/L	0.12
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.04%#		
29) Benzene-d6	8.275	84	482528	26.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	106.28%		
33) 1,2-Dichloropropane-d6	9.274	67	135876	26.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.00%		
37) Toluene-d8	10.323	98	447376	25.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.56%		
38) trans-1,3-Dichloroprop...	10.579	79	50328	21.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.44%		
39) 2-Hexanone-d5	10.920	63	36655	37.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.48%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	94376	21.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.60%		
61) 1,2-Dichlorobenzene-d4	13.853	152	124630	25.29	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.16%		
Target Compounds						
13) Acetone	4.123	43	14502	14.75	ug/L	97
16) Methylene chloride	4.922	84	8136	1.27	ug/L	91
21) 2-Butanone	7.177	43	1261	0.84	ug/L #	61
40) 1,2-Dichloropropane	9.274	63	15278	3.44	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3677	0.51	ug/L #	76
49) 2-Hexanone	10.920	43	4433	2.31	ug/L #	61
59) 1,2,3-Trichloropropane	13.554	75	14337	4.22	ug/L	99

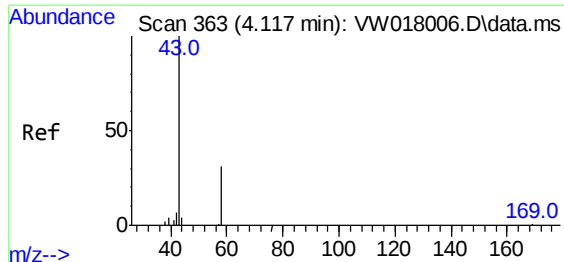
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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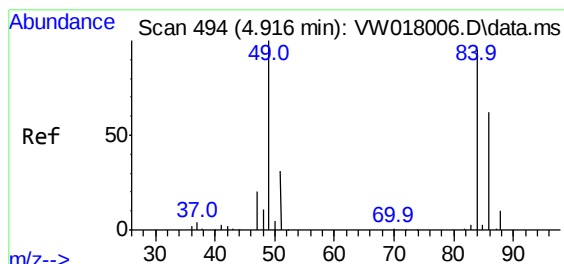
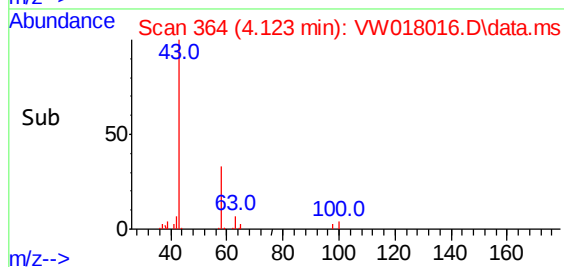
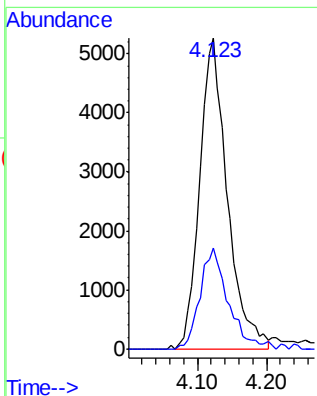
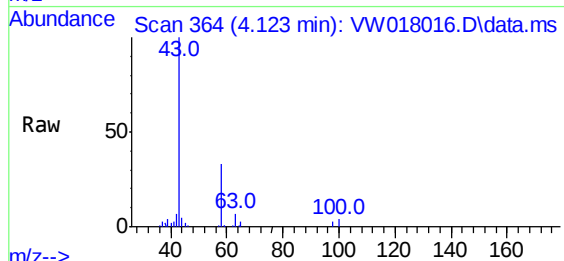




#13
Acetone
Concen: 14.75 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018016.D
Acq: 02 Feb 2021 17:23

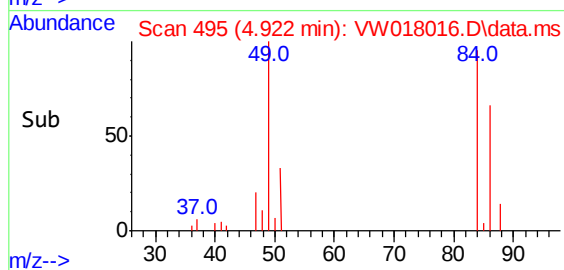
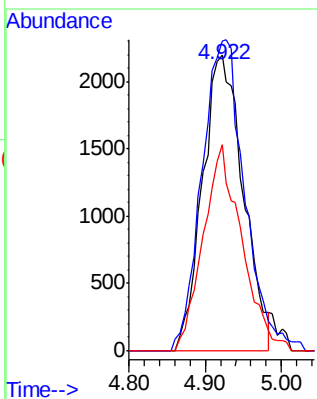
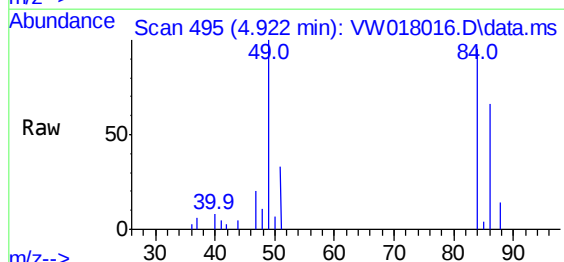
Instrument :
MSVOA_W
ClientSampled :
C0A42

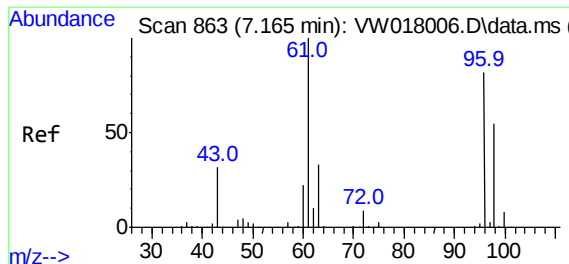
Tgt Ion: 43 Resp: 14502
Ion Ratio Lower Upper
43 100
58 32.4 0.0 68.4



#16
Methylene chloride
Concen: 1.27 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018016.D
Acq: 02 Feb 2021 17:23

Tgt Ion: 84 Resp: 8136
Ion Ratio Lower Upper
84 100
49 104.7 81.2 150.8
86 69.4 44.5 82.7

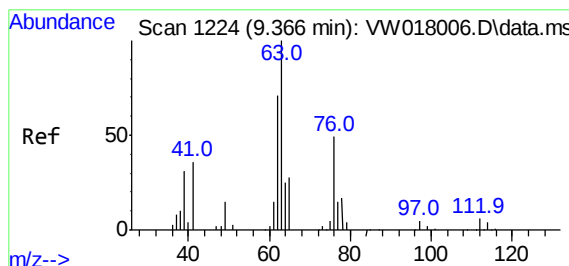
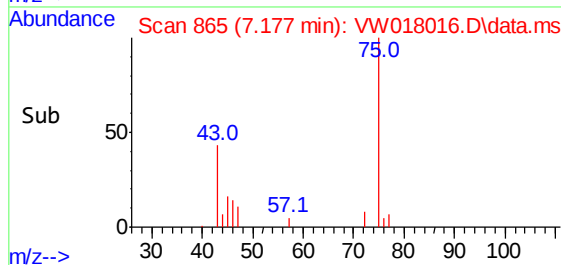
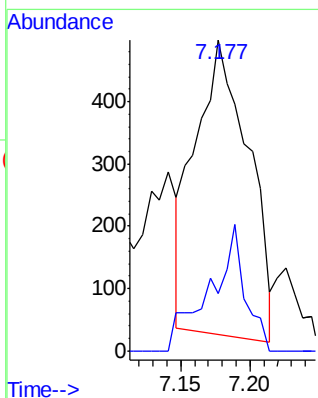
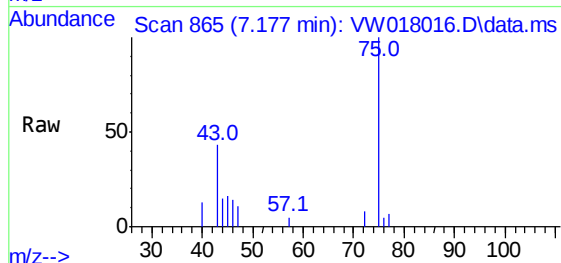




#21
2-Butanone
Concen: 0.84 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018016.D
Acq: 02 Feb 2021 17:23

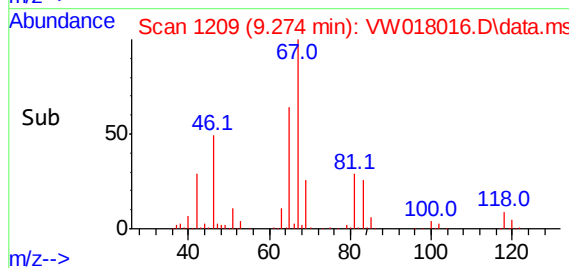
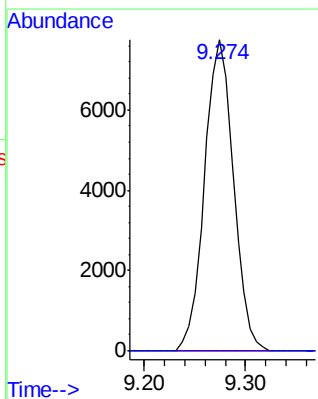
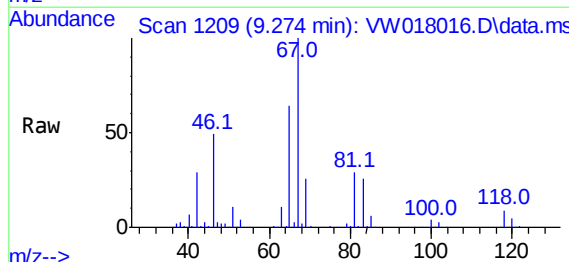
Instrument :
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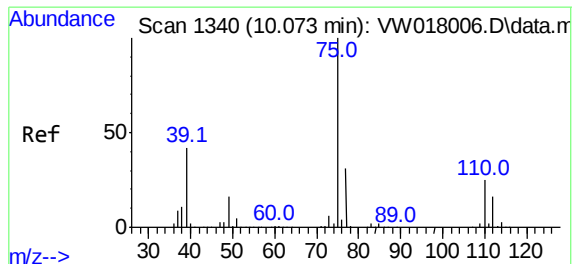
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
72 7.9 14.4 43.2#



#40
1,2-Dichloropropane
Concen: 3.44 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018016.D
Acq: 02 Feb 2021 17:23

Tgt Ion: 63 Resp: 15278
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

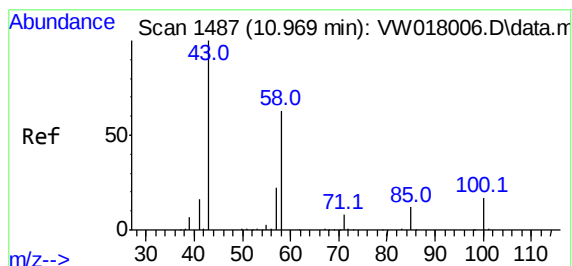
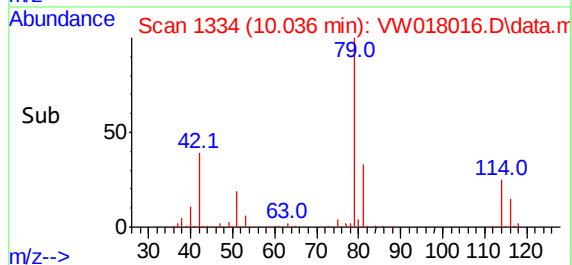
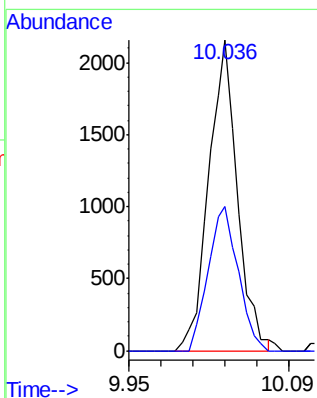
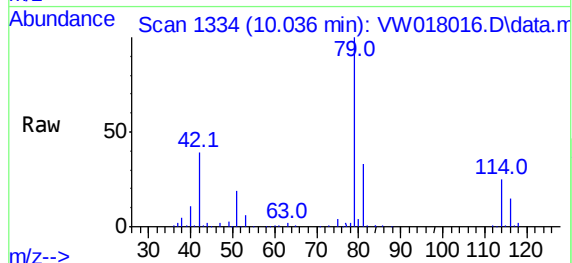




#42
cis-1,3-Dichloropropene
Concen: 0.51 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018016.D
Acq: 02 Feb 2021 17:23

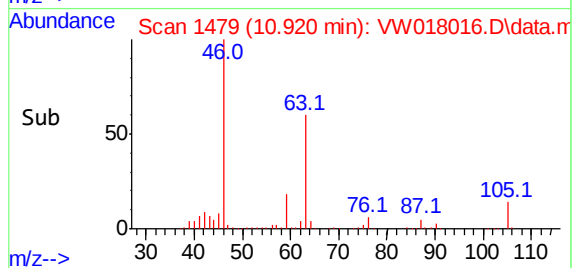
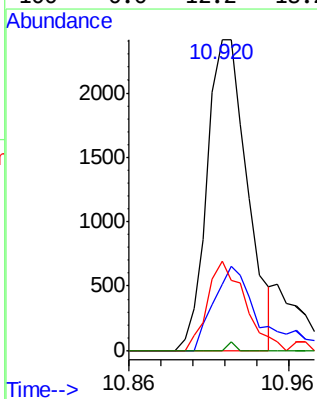
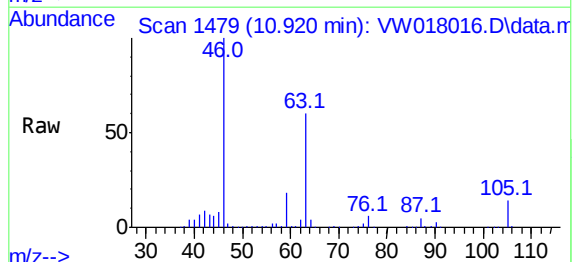
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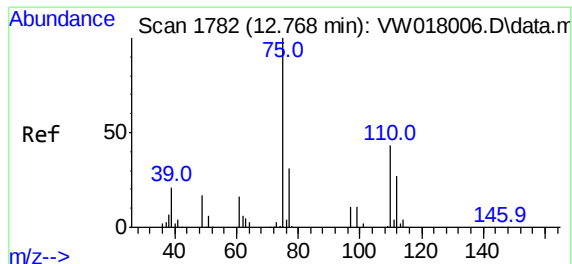
Tgt Ion: 75 Resp: 3677
Ion Ratio Lower Upper
75 100
77 46.2 22.7 42.3#



#49
2-Hexanone
Concen: 2.31 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018016.D
Acq: 02 Feb 2021 17:23

Tgt Ion: 43 Resp: 4433
Ion Ratio Lower Upper
43 100
58 27.8 51.3 76.9#
57 26.8 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.22 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018016.D
 Acq: 02 Feb 2021 17:23

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A42

Tgt Ion: 75 Resp: 14337
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.6 39.8

