

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017833.D
 Acq On : 12 Jan 2021 14:18
 Operator : SY/VA
 Sample : M1074-17
 Misc : 3.52G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:22:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328756	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136789	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132290	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.04%
7) Chloroethane-d5	2.89	69	106669	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
10) 1,1-Dichloroethene-d2	4.02	63	174516	19.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.76%
20) 2-Butanone-d5	7.07	46	42860	51.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.98%
24) Chloroform-d	7.65	84	217476	25.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.24%
26) 1,2-Dichloroethane-d4	8.31	65	122895	27.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.56%
29) Benzene-d6	8.27	84	435569	26.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.36%
33) 1,2-Dichloropropane-d6	9.27	67	123040	26.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.96%
37) Toluene-d8	10.32	98	417835	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.24%
38) trans-1,3-Dichloropropene-	10.58	79	50117	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.72%
39) 2-Hexanone-d5	10.93	63	29501	51.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85264	24.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	118076	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

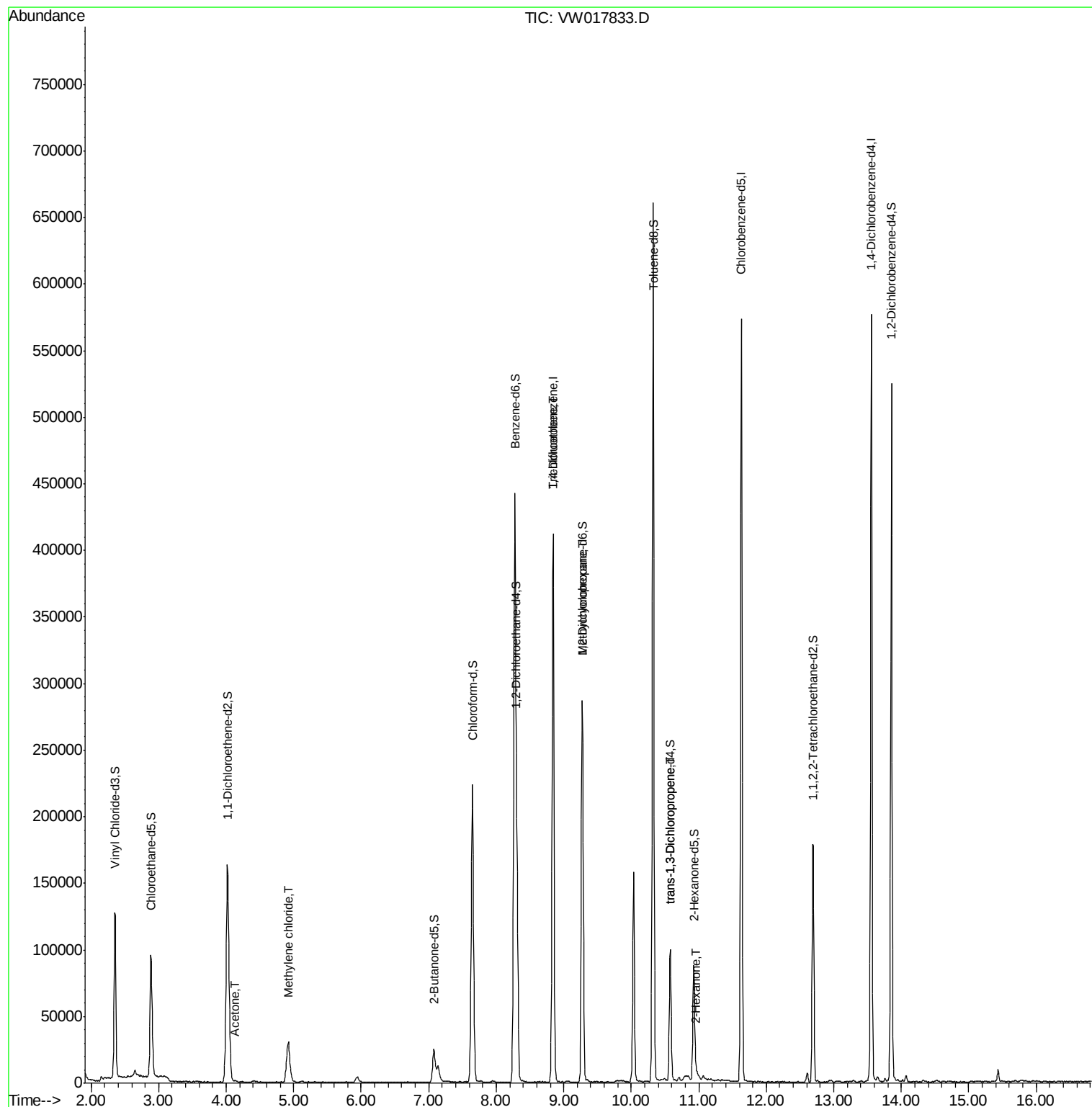
					Ovalue
13) Acetone	4.12	43	318	0.447 ug/L	61
16) Methylene chloride	4.92	84	23834	5.070 ug/L	98
35) Trichloroethene	8.84	95	10489	2.236 ug/L #	4
36) Methylcyclohexane	9.27	83	30577	3.729 ug/L #	21
45) trans-1,3-Dichloropropene	10.58	75	2936	0.540 ug/L	97
49) 2-Hexanone	10.97	43	1875	1.360 ug/L #	56

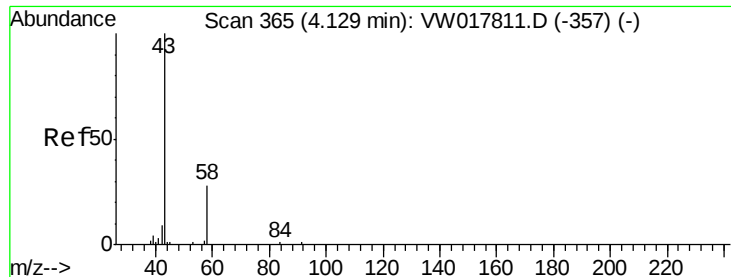
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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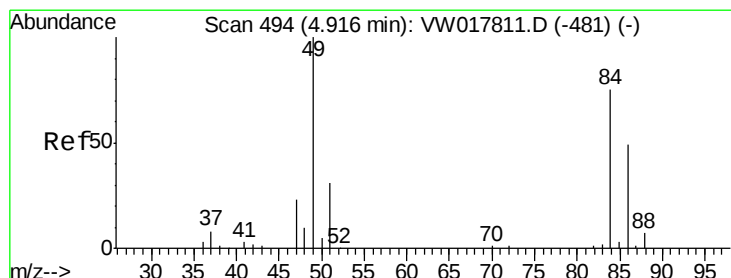
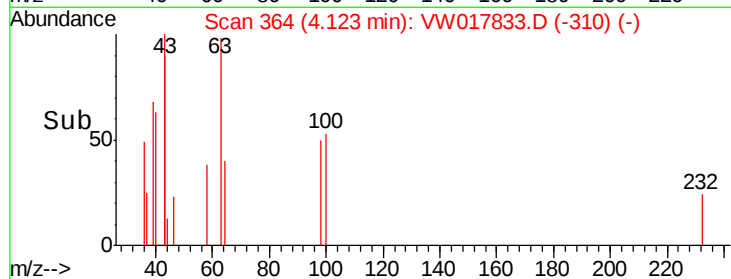
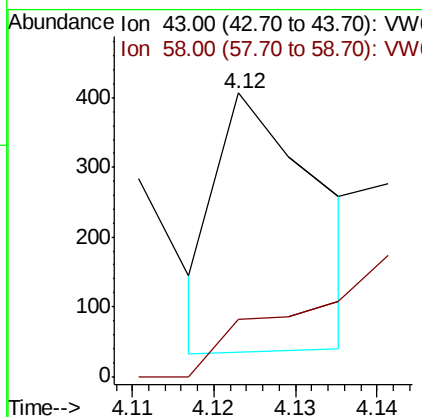
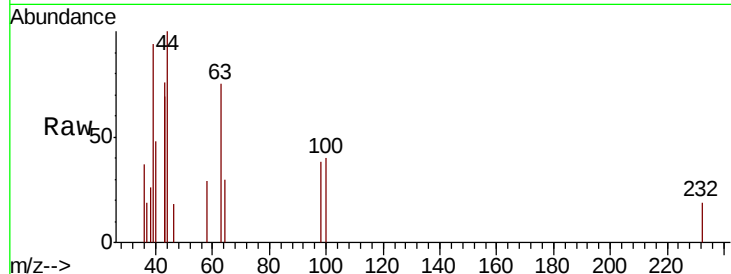




#13
Acetone
Concen: 0.447 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW017833.D
Acq: 12 Jan 2021 14:18

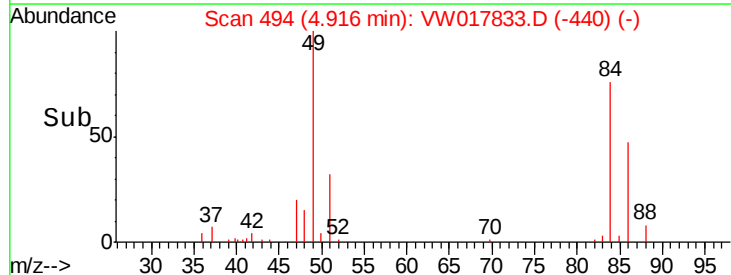
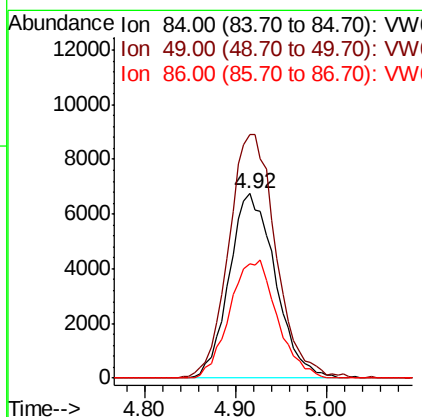
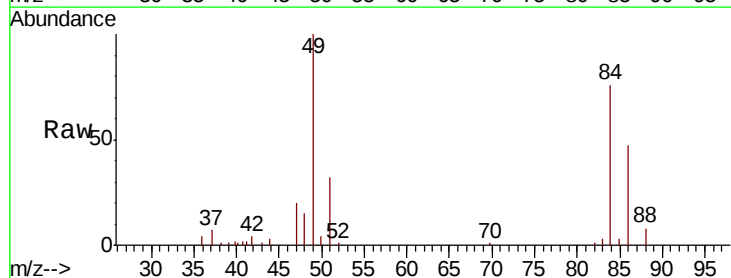
Instrument :
MSVOA_W
ClientSampled :

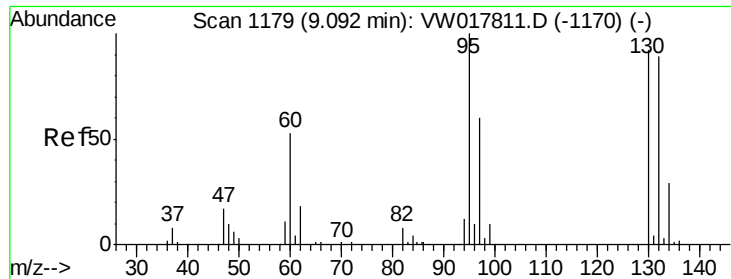
Tot Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
58 51.6 0.0 60.8



#16
Methylene chloride
Concen: 5.070 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW017833.D
Acq: 12 Jan 2021 14:18

Tgt Ion: 84 Resp: 23834
Ion Ratio Lower Upper
84 100
49 131.9 90.5 168.1
86 61.8 44.8 83.2

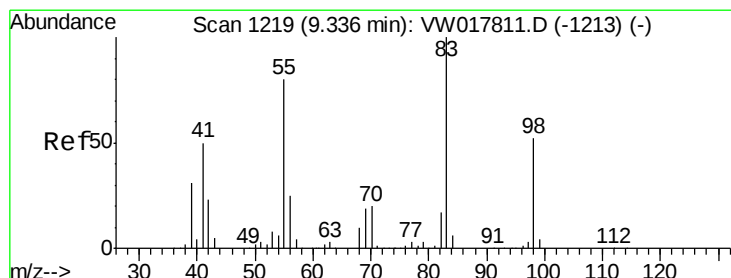
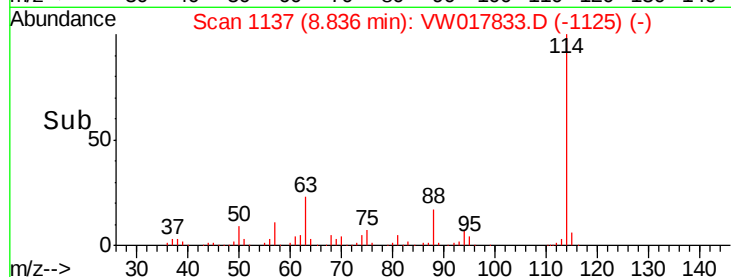
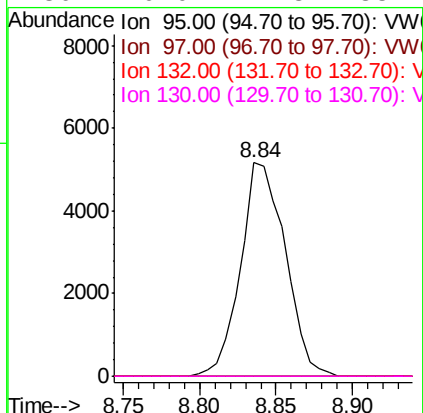
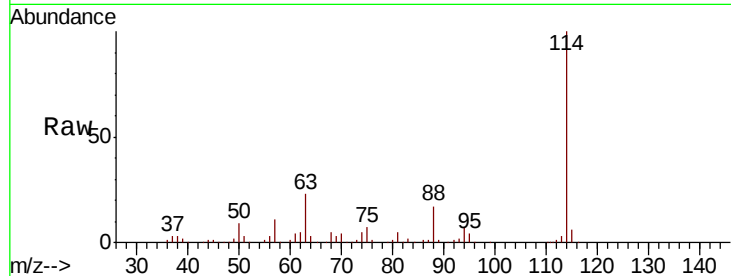




#35
 Trichloroethene
 Concen: 2.236 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.26 min
 Lab File: VW017833.D
 Acq: 12 Jan 2021 14:18

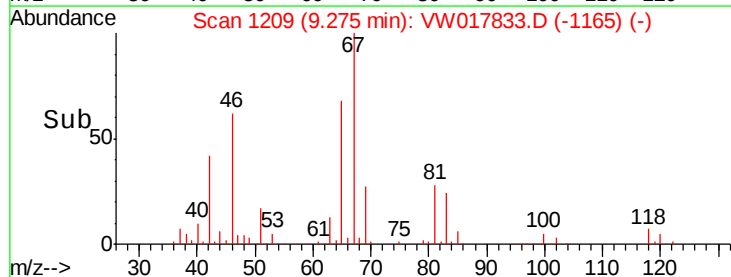
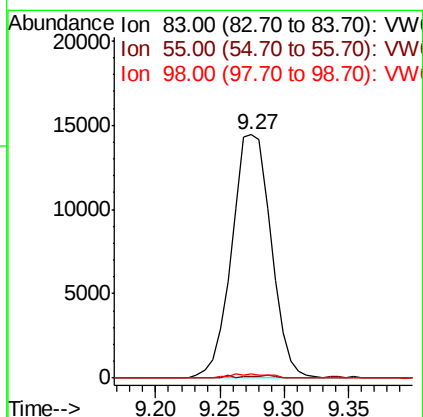
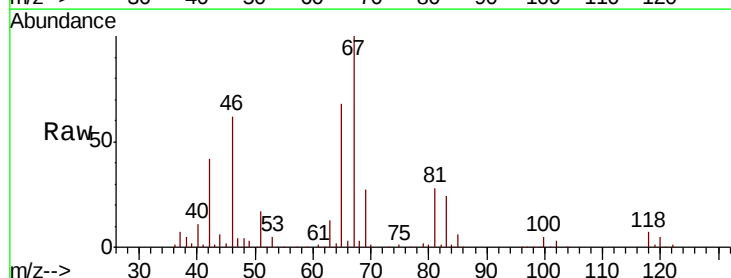
Instrument :
 MSVOA_W
 ClientSampleId :

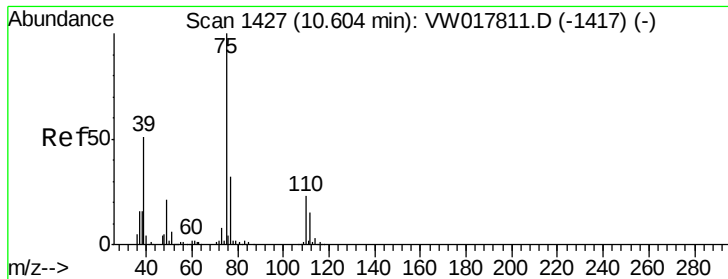
Tot Ion	95	Resp	10489
Ion Ratio	100	Lower	Upper
97	0.0	46.8	87.0#
132	0.0	68.3	126.9#
130	0.0	71.8	133.4#



#36
 Methylcyclohexane
 Concen: 3.729 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW017833.D
 Acq: 12 Jan 2021 14:18

Tgt Ion	83	Resp	30577
Ion Ratio	100	Lower	Upper
55	0.4	57.6	86.4#
98	1.7	39.7	59.5#





#45

trans-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017833.D

Acq: 12 Jan 2021 14:18

Instrument :

MSVOA_W

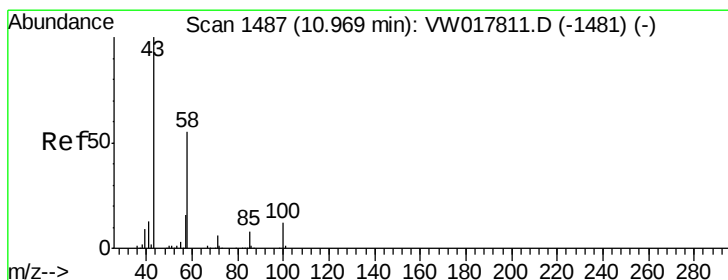
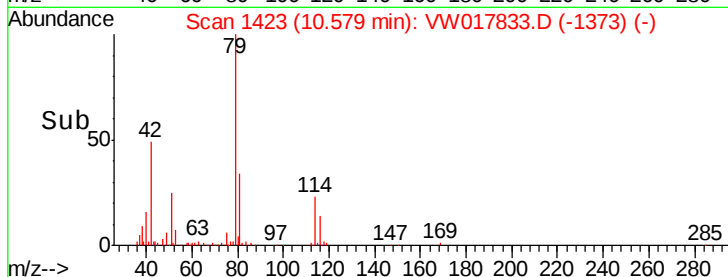
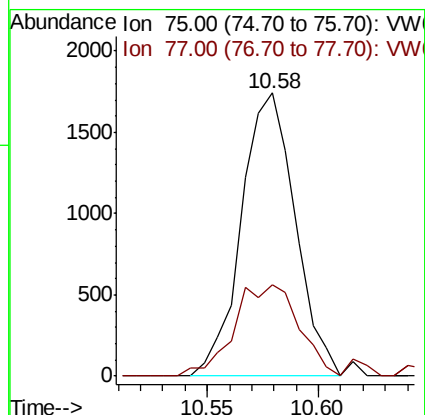
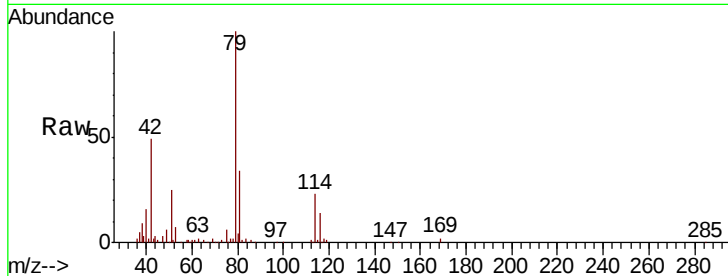
ClientSampleId :

Tot Ion: 75 Resp: 2936

Ion Ratio Lower Upper

75 100

77 32.5 21.6 40.0



#49

2-Hexanone

Concen: 1.360 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017833.D

Acq: 12 Jan 2021 14:18

Tgt Ion: 43 Resp: 1875

Ion Ratio Lower Upper

43 100

58 5.0 44.2 66.4#

57 19.4 16.1 24.1

100 12.6 11.0 16.4

