

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017847.D
 Acq On : 13 Jan 2021 15:07
 Operator : SY/VA
 Sample : VW0113SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK22

Quant Time: Jan 14 11:42:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310078	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144233	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140150	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.28%
7) Chloroethane-d5	2.89	69	112369	26.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.20%
10) 1,1-Dichloroethene-d2	4.01	63	184293	20.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.72%
20) 2-Butanone-d5	7.08	46	55387	66.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.00%
24) Chloroform-d	7.65	84	234139	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.30	65	138363	30.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.28%
29) Benzene-d6	8.27	84	469279	26.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.48%
33) 1,2-Dichloropropane-d6	9.27	67	133254	27.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.72%
37) Toluene-d8	10.32	98	432309	25.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.08%
38) trans-1,3-Dichloropropene-	10.58	79	55691	25.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.80%
39) 2-Hexanone-d5	10.93	63	35290	58.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99041	27.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	124085	24.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.84%

Target Compounds

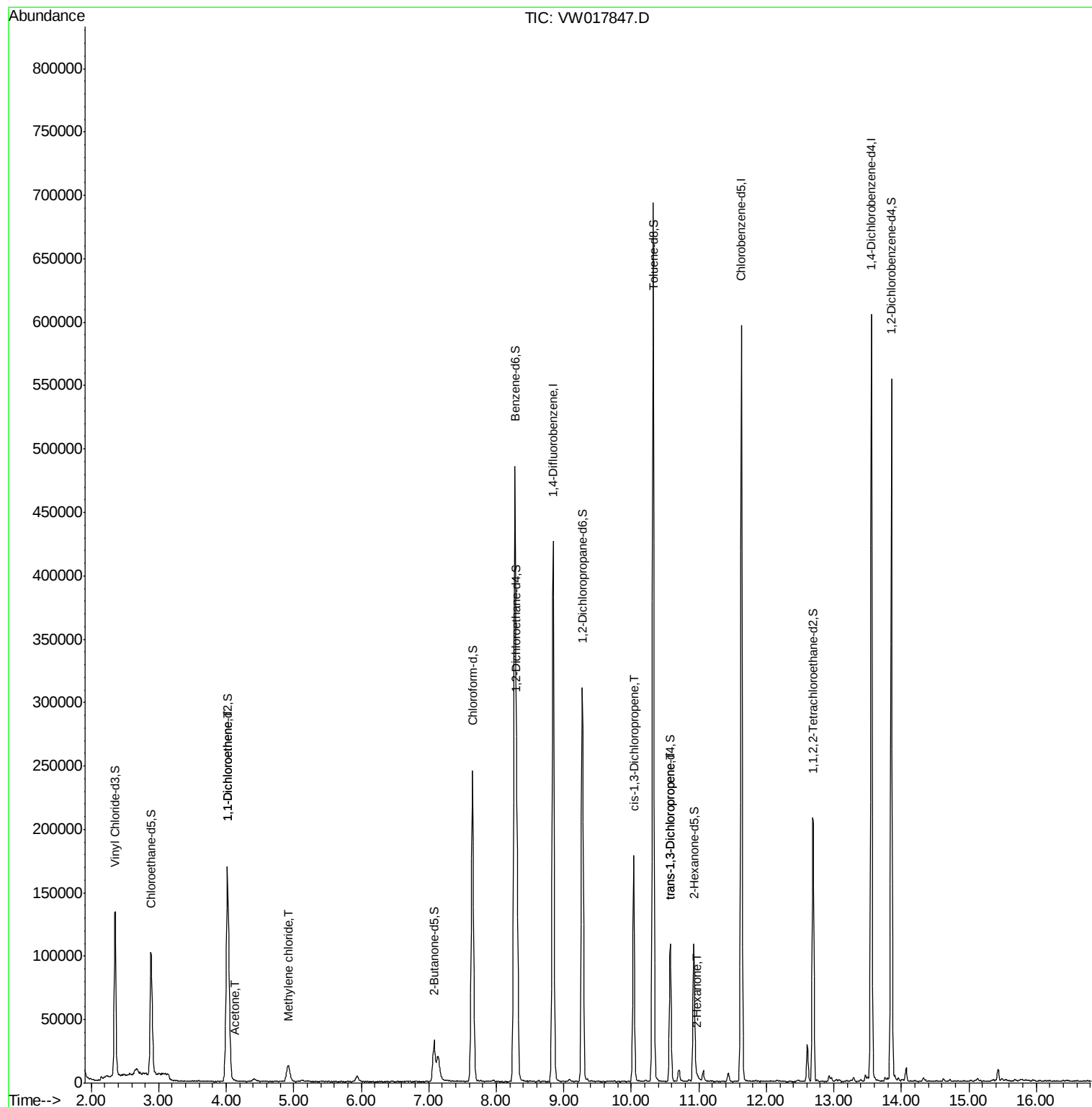
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.02	96	1115	0.270	ug/L #	1
13) Acetone	4.14	43	345	0.476	ug/L	55
16) Methylene chloride	4.92	84	9927	2.074	ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5672	0.849	ug/L	85
45) trans-1,3-Dichloropropene	10.58	75	3290	0.578	ug/L	86
49) 2-Hexanone	10.98	43	1026	0.711	ug/L #	51

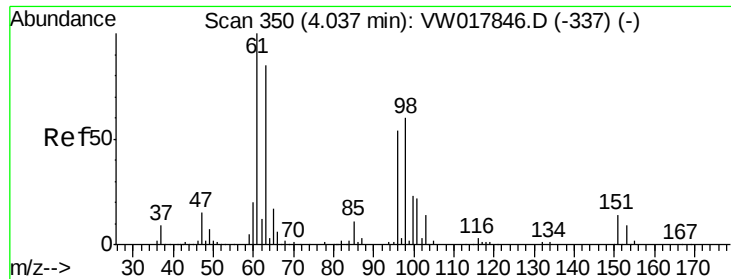
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 11:39:57 2021
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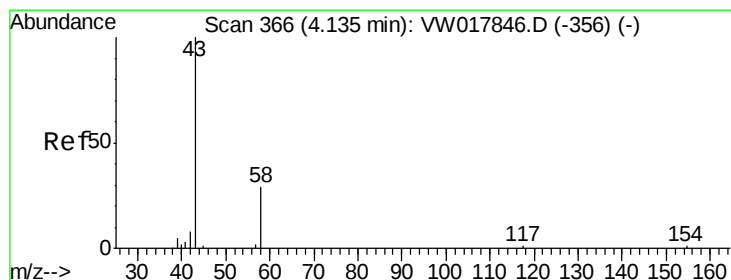
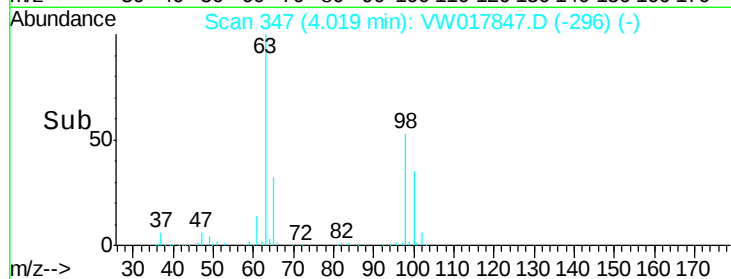
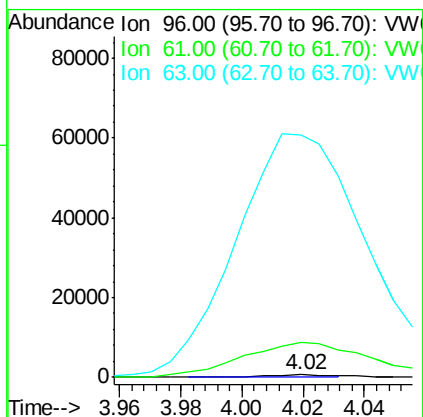
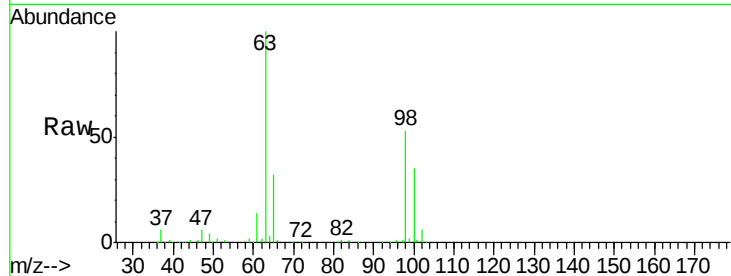




#12
 1,1-Dichloroethene
 Concen: 0.270 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW017847.D
 Acq: 13 Jan 2021 15:07

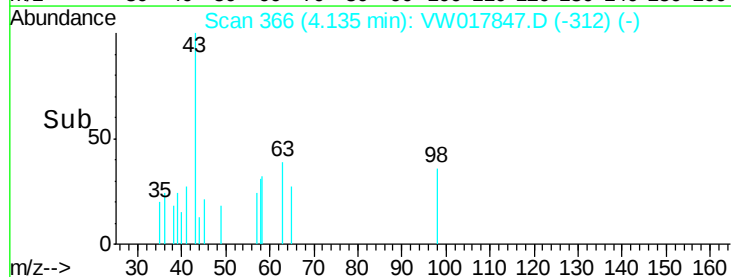
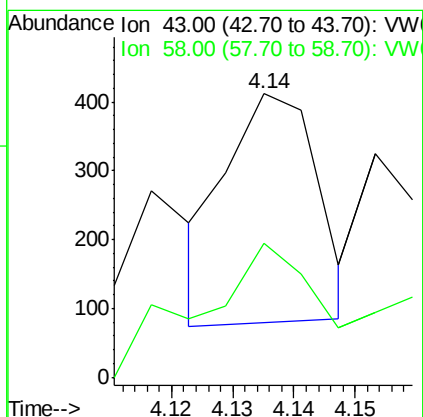
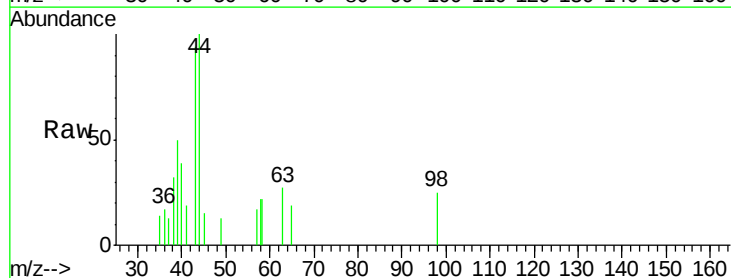
Instrument :
 MSVOA_W
 ClientSampled :
 VBLK22

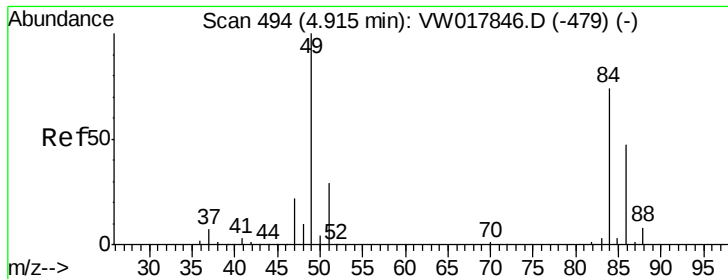
Tgt Ion: 96 Resp: 1115
 Ion Ratio Lower Upper
 96 100
 61 1420.1 126.1 234.1#
 63 9861.9 90.0 167.2#



#13
 Acetone
 Concen: 0.476 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VW017847.D
 Acq: 13 Jan 2021 15:07

Tgt Ion: 43 Resp: 345
 Ion Ratio Lower Upper
 43 100
 58 54.8 0.0 60.8

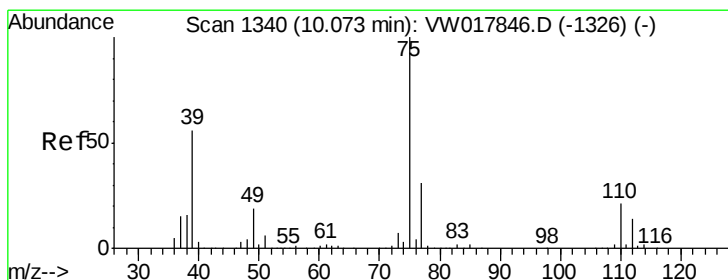
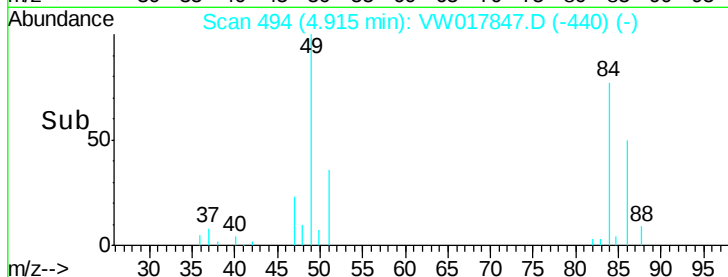
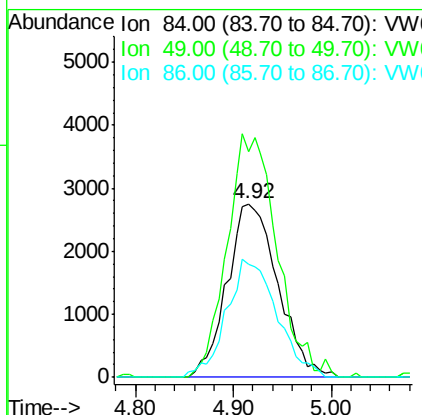
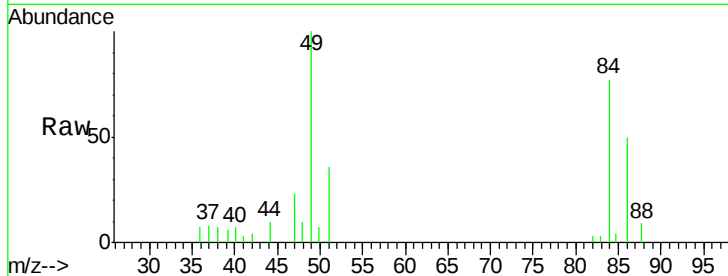




#16
Methylene chloride
Concen: 2.074 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017847.D
Acq: 13 Jan 2021 15:07

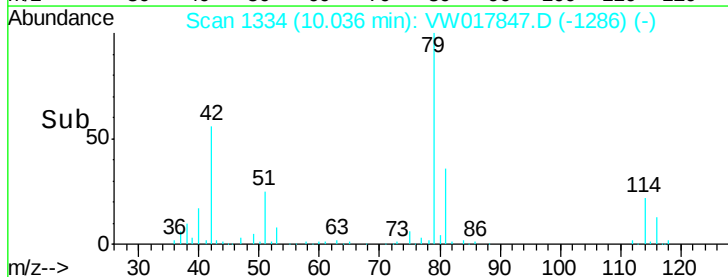
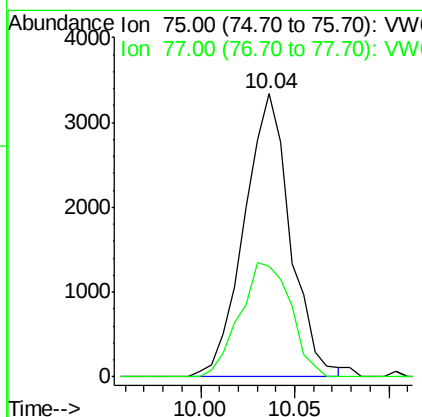
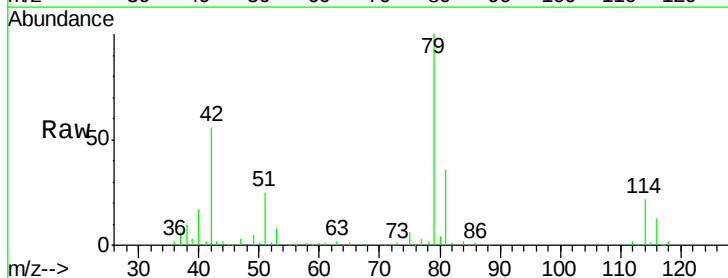
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MSVOA_W
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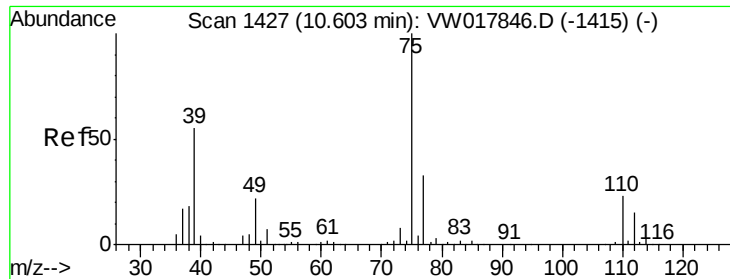
Tgt Ion: 84 Resp: 9927
Ion Ratio Lower Upper
84 100
49 124.4 90.5 168.1
86 62.5 44.8 83.2



#42
cis-1,3-Dichloropropene
Concen: 0.849 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017847.D
Acq: 13 Jan 2021 15:07

Tgt Ion: 75 Resp: 5672
Ion Ratio Lower Upper
75 100
77 39.2 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017847.D

Acq: 13 Jan 2021 15:07

Instrument :

MSVOA_W

ClientSampleId :

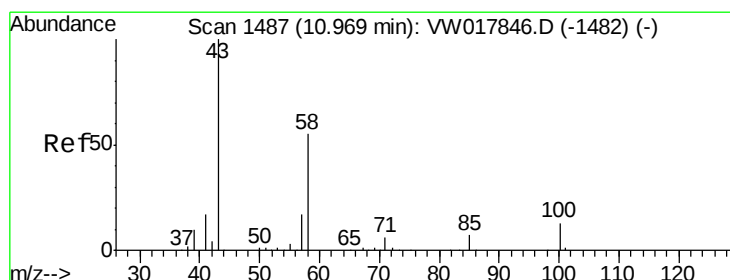
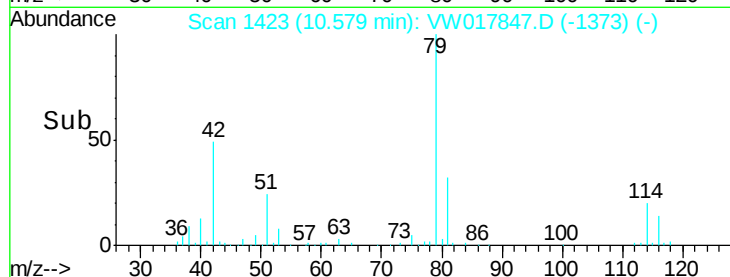
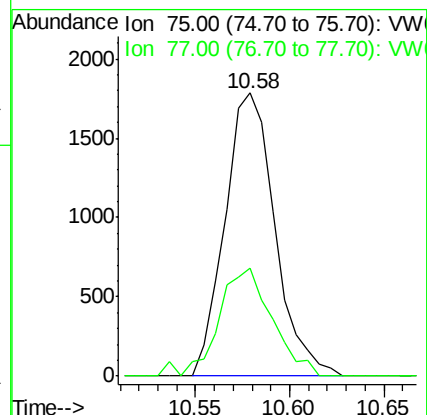
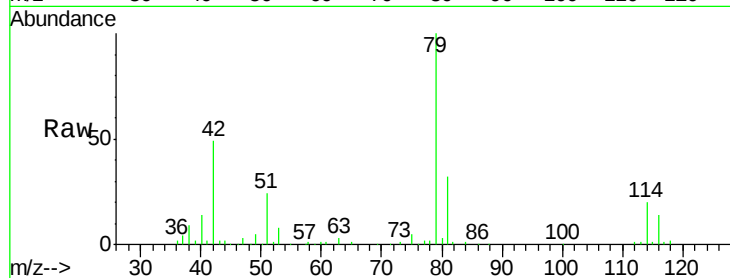
VBLK22

Tgt Ion: 75 Resp: 3290

Ion Ratio Lower Upper

75 100

77 38.3 21.6 40.0



#49

2-Hexanone

Concen: 0.711 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017847.D

Acq: 13 Jan 2021 15:07

Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

58 0.0 44.2 66.4#

57 21.3 16.1 24.1

100 16.4 11.0 16.4

