

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017243.D
 Acq On : 15 Nov 2020 17:13
 Operator : SY/VA
 Sample : L4710-10
 Misc : 4.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF0

Quant Time: Nov 16 09:56:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	352120	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	253833	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83384	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
7) Chloroethane-d5	2.90	69	74626	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
10) 1,1-Dichloroethene-d2	4.02	63	123909	15.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.48%
20) 2-Butanone-d5	7.09	46	24737	24.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.88%
24) Chloroform-d	7.65	84	185578	22.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	8.31	65	97140	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
29) Benzene-d6	8.28	84	346903	26.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.36%
33) 1,2-Dichloropropane-d6	9.28	67	98172	27.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.84%
37) Toluene-d8	10.33	98	294570	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	10.58	79	32013	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	10.93	63	18414	29.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	61636	19.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	65165	22.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.80%

Target Compounds

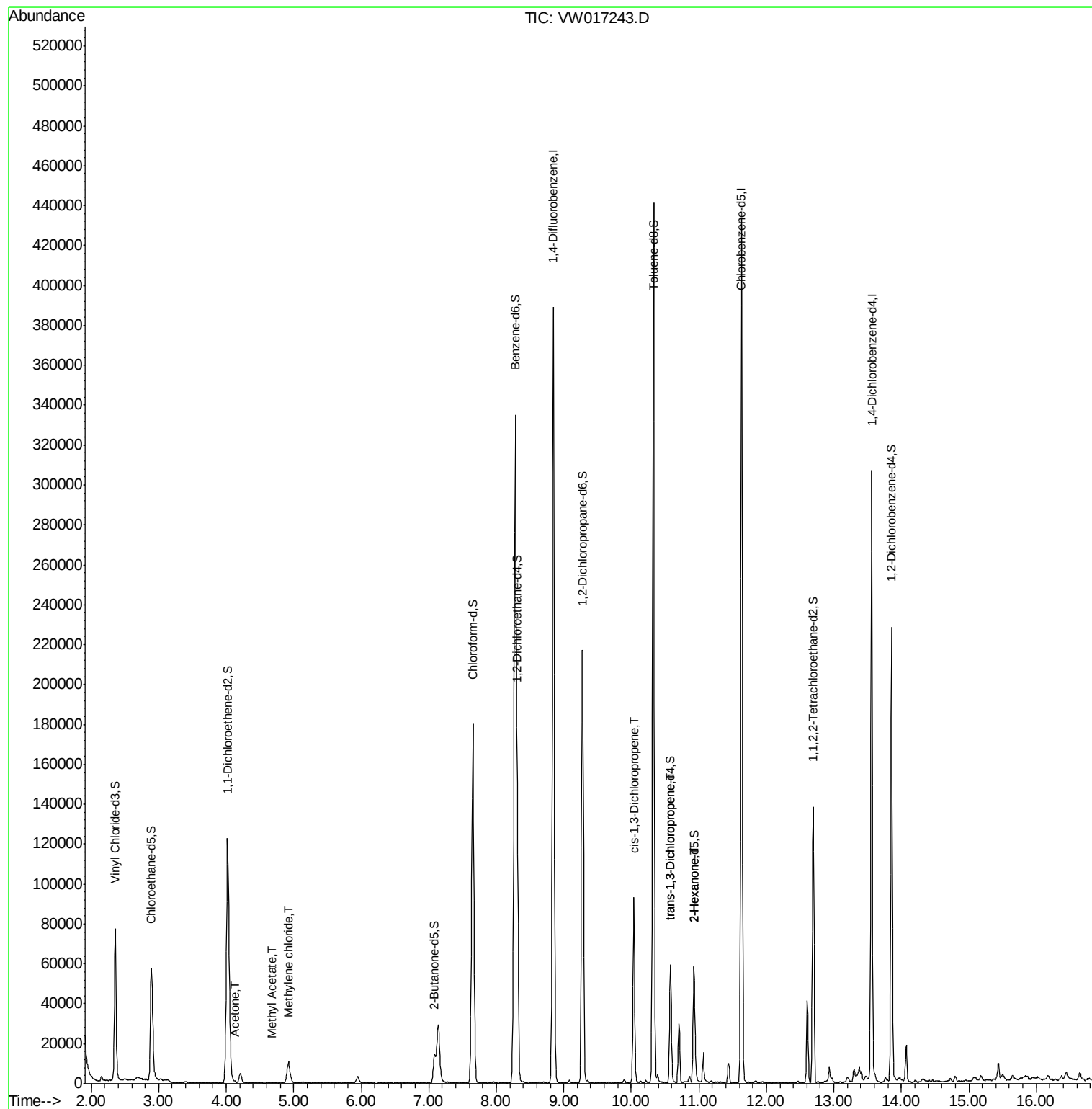
					Ovalue
13) Acetone	4.14	43	891	1.342 ug/L	75
15) Methyl Acetate	4.68	43	619	0.376 ug/L #	48
16) Methylene chloride	4.92	84	9033	1.903 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	2795	0.566 ug/L #	69
45) trans-1,3-Dichloropropene	10.58	75	1906	0.450 ug/L	95
49) 2-Hexanone	10.93	43	4578	3.950 ug/L #	51

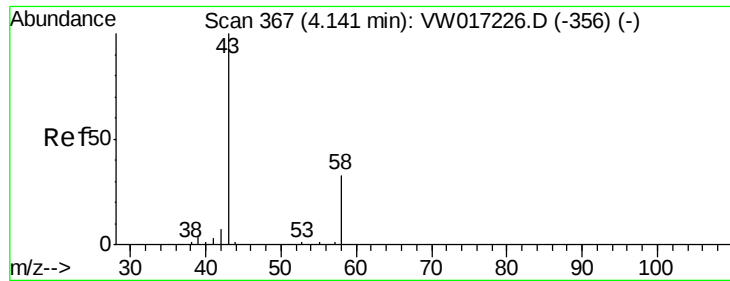
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.342 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW017243.D

Acq: 15 Nov 2020 17:13

Instrument :

MSVOA_W

ClientSampled :

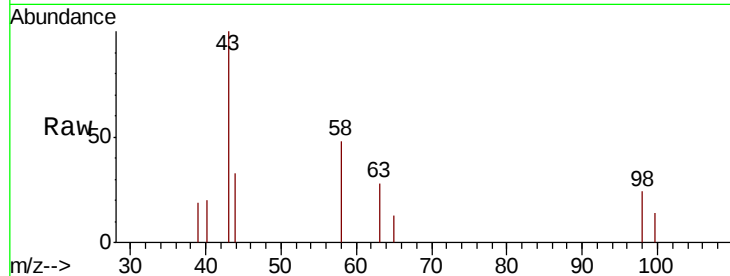
C0BF0

Tot Ion: 43 Resp: 891

Ion Ratio Lower Upper

43 100

58 20.2 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

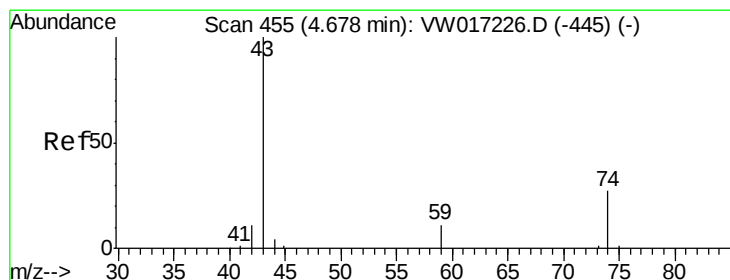
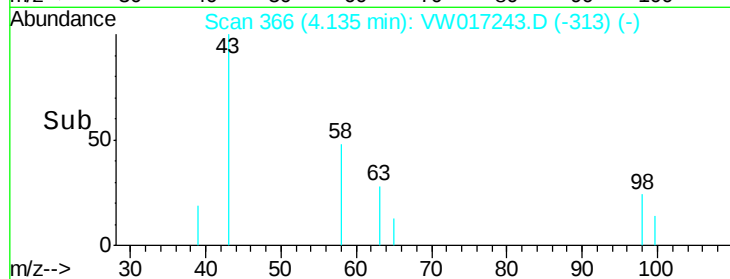
300

200

100

0

Time-->



#15

Methyl Acetate

Concen: 0.376 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW017243.D

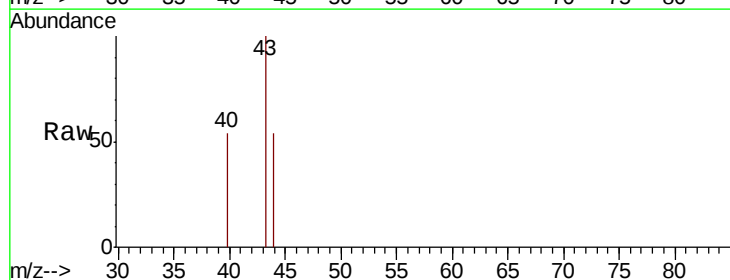
Acq: 15 Nov 2020 17:13

Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

43 100

74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

200

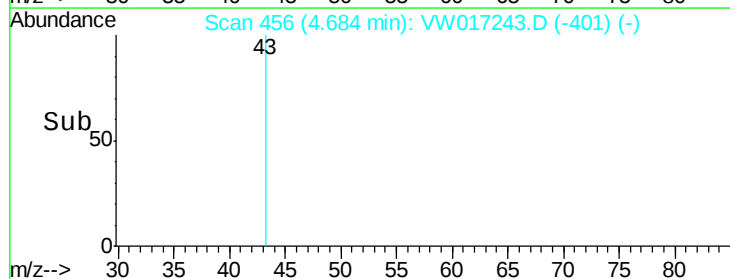
150

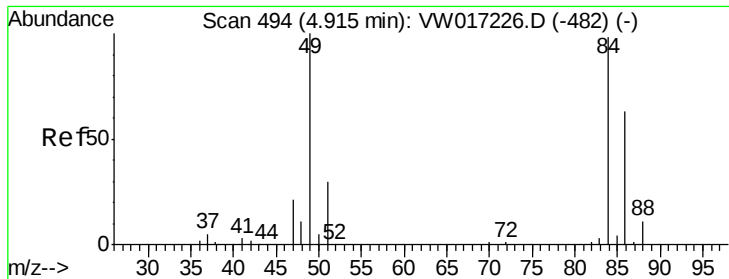
100

50

0

Time-->

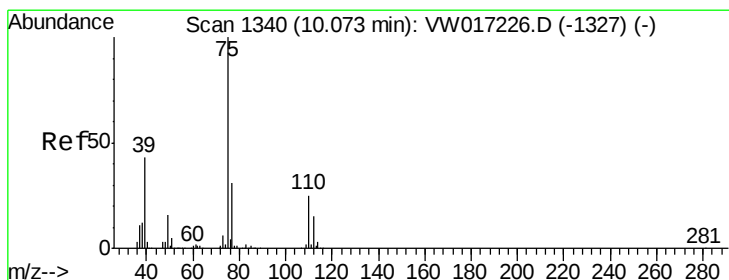
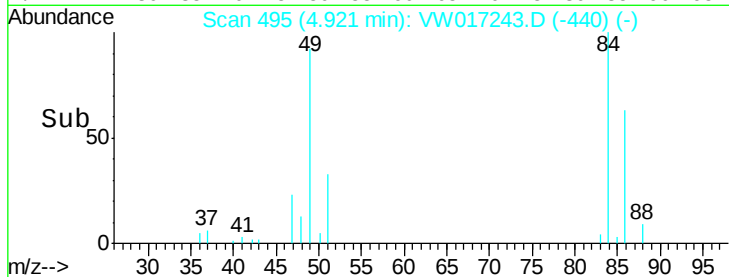
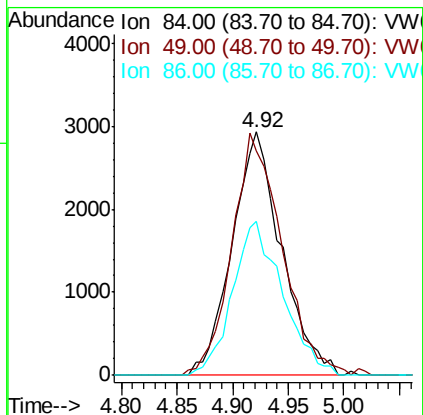
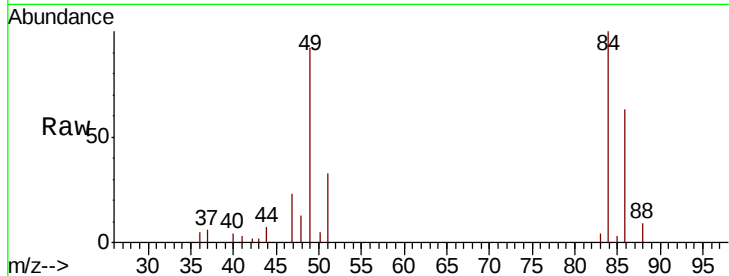




#16
Methylene chloride
Concen: 1.903 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017243.D
Acq: 15 Nov 2020 17:13

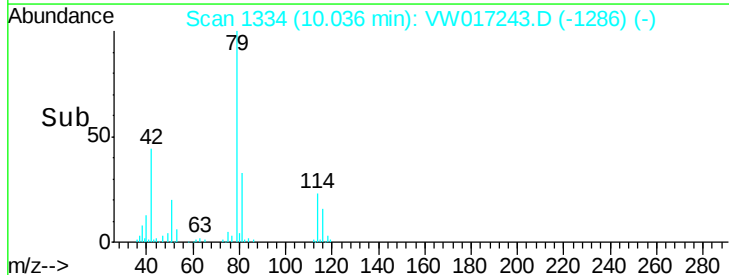
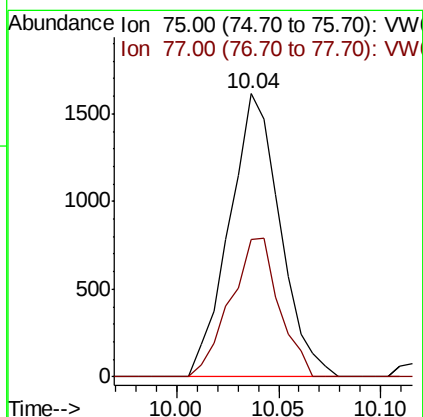
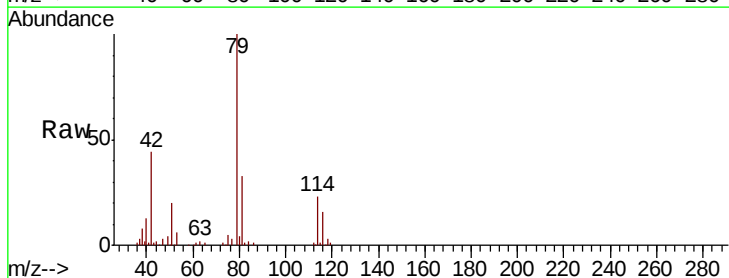
Instrument :
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C0BF0

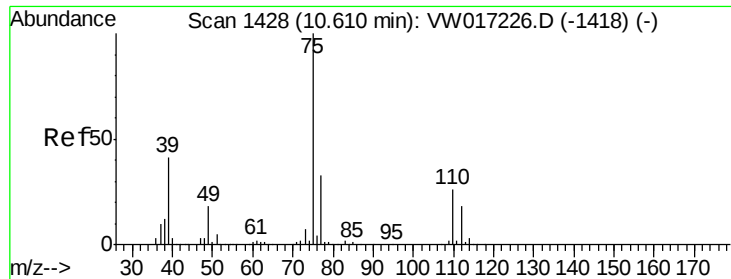
Tot Ion: 84 Resp: 9033
Ion Ratio Lower Upper
84 100
49 92.4 72.3 134.3
86 63.2 45.1 83.7



#42
cis-1,3-Dichloropropene
Concen: 0.566 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017243.D
Acq: 15 Nov 2020 17:13

Tgt Ion: 75 Resp: 2795
Ion Ratio Lower Upper
75 100
77 48.8 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.450 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017243.D

Acq: 15 Nov 2020 17:13

Instrument :

MSVOA_W

ClientSampleId :

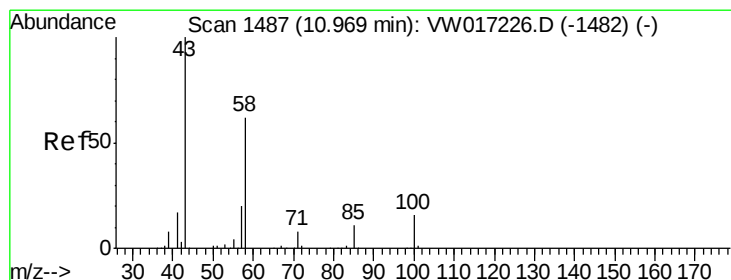
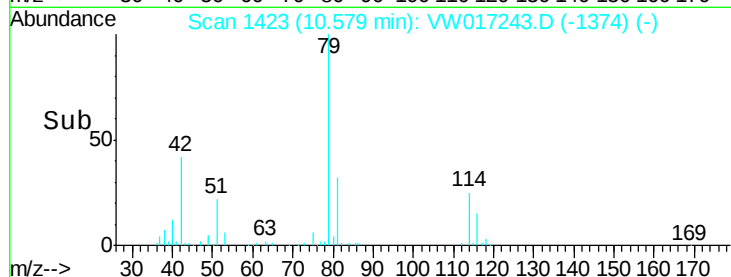
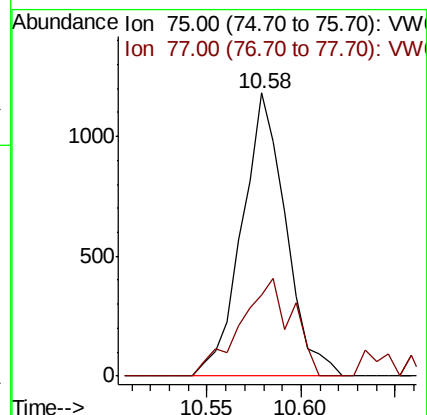
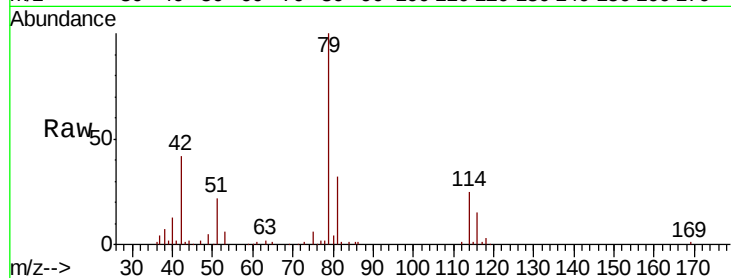
C0BF0

Tot Ion: 75 Resp: 1906

Ion Ratio Lower Upper

75 100

77 28.7 22.1 41.1



#49

2-Hexanone

Concen: 3.950 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017243.D

Acq: 15 Nov 2020 17:13

Tgt Ion: 43 Resp: 4578

Ion Ratio Lower Upper

43 100

58 13.6 50.6 75.8#

57 14.0 17.8 26.6#

100 1.2 13.9 20.9#

