

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017831.D
 Acq On : 12 Jan 2021 13:31
 Operator : SY/VA
 Sample : M1074-15
 Misc : 3.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:21:53 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	337435	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306105	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	141274	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117741	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
7) Chloroethane-d5	2.89	69	94851	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.15	63	96	0.01	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.09	46	36152	42.72	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.44%
24) Chloroform-d	7.65	84	188391	21.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	8.31	65	107256	23.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.00%
29) Benzene-d6	8.27	84	381551	22.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.52%
33) 1,2-Dichloropropane-d6	9.27	67	105379	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.32	98	362099	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.48%
38) trans-1,3-Dichloropropene-	10.58	79	43537	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.20%
39) 2-Hexanone-d5	10.93	63	25509	42.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72307	20.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	104840	21.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.24%

Target Compounds

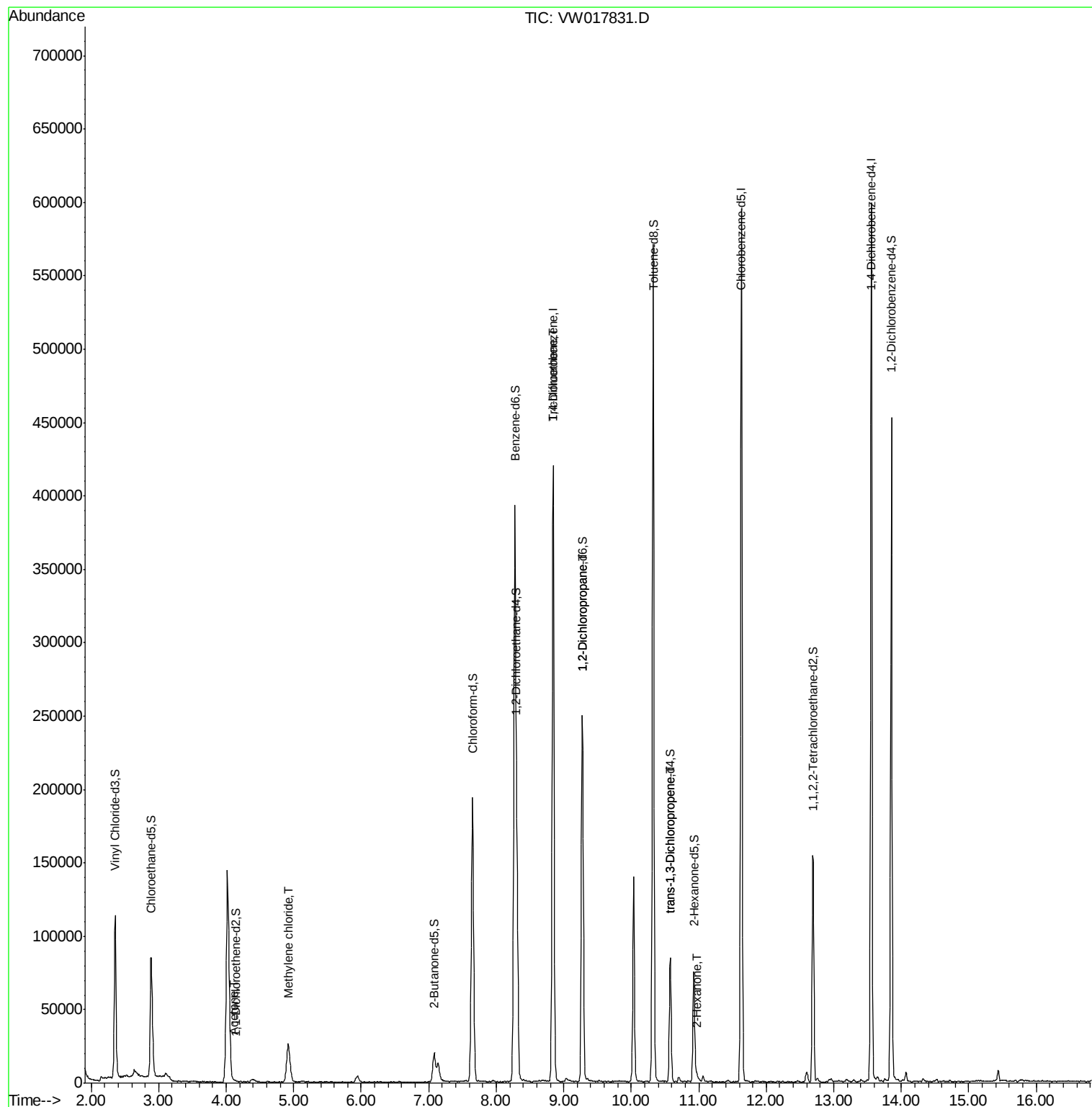
					Ovalue
13) Acetone	4.12	43	479	0.656 ug/L	82
16) Methylene chloride	4.92	84	20902	4.332 ug/L	95
35) Trichloroethene	8.84	95	11739	2.423 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	13690	3.313 ug/L #	86
45) trans-1,3-Dichloropropene	10.58	75	2477	0.441 ug/L	98
49) 2-Hexanone	10.98	43	1392	0.977 ug/L #	45

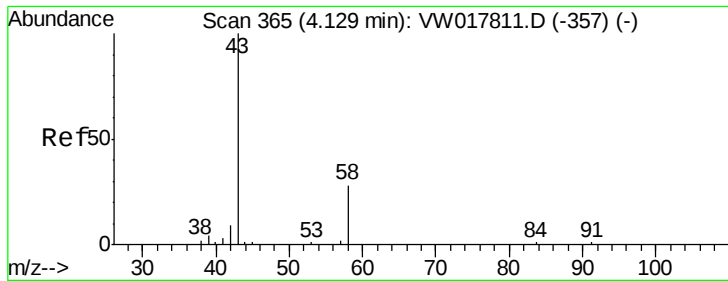
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 21:58:14 2021
Response via : Initial Calibration





#13

Acetone

Concen: 0.656 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017831.D

Acq: 12 Jan 2021 13:31

Instrument :

MSVOA_W

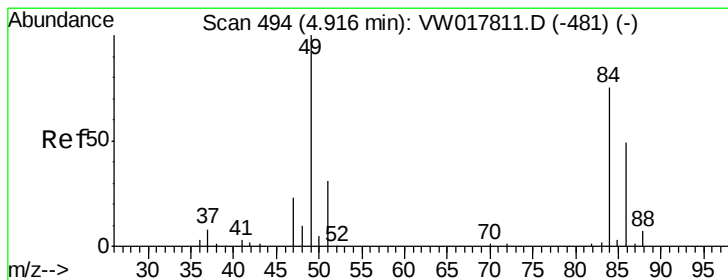
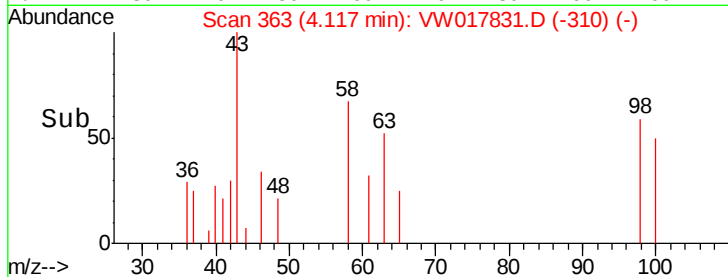
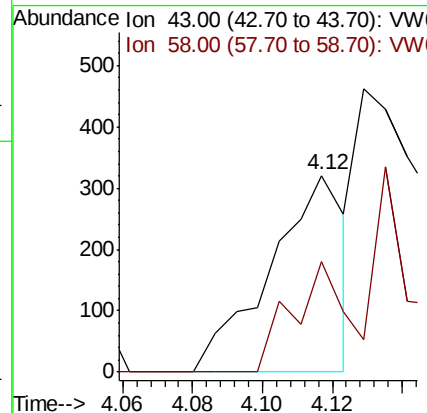
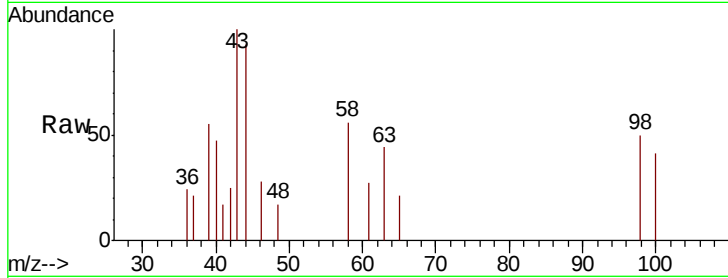
ClientSampled :

Tot Ion: 43 Resp: 479

Ion Ratio Lower Upper

43 100

58 40.1 0.0 60.8



#16

Methylene chloride

Concen: 4.332 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017831.D

Acq: 12 Jan 2021 13:31

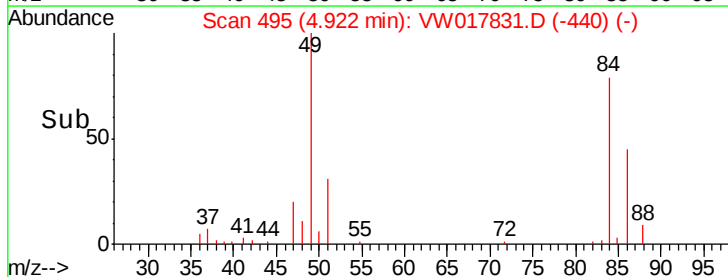
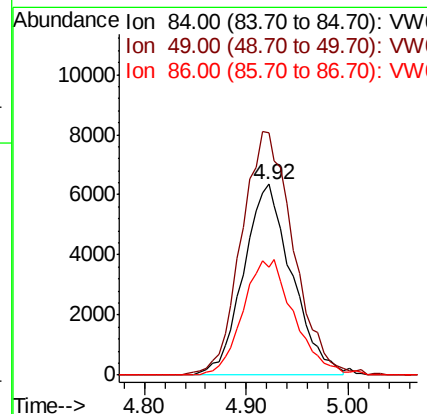
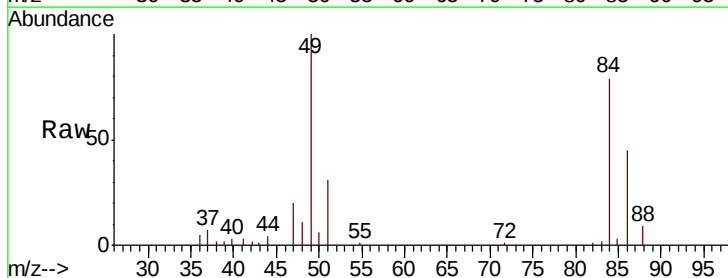
Tgt Ion: 84 Resp: 20902

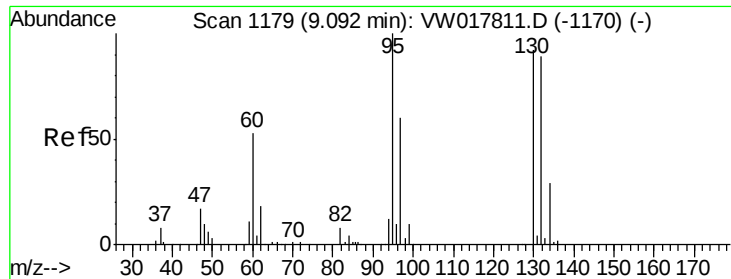
Ion Ratio Lower Upper

84 100

49 126.7 90.5 168.1

86 56.8 44.8 83.2





#35

Trichloroethene

Concen: 2.423 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017831.D

Acq: 12 Jan 2021 13:31

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 11739

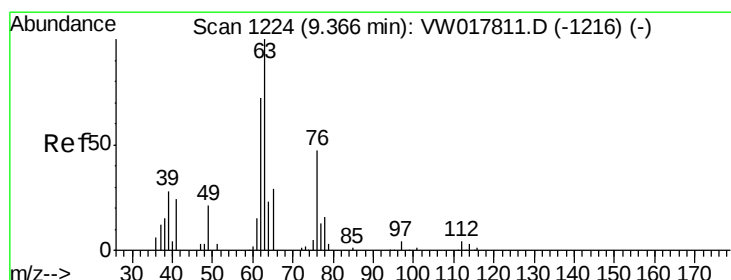
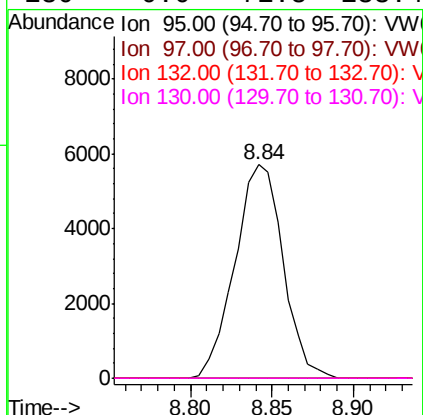
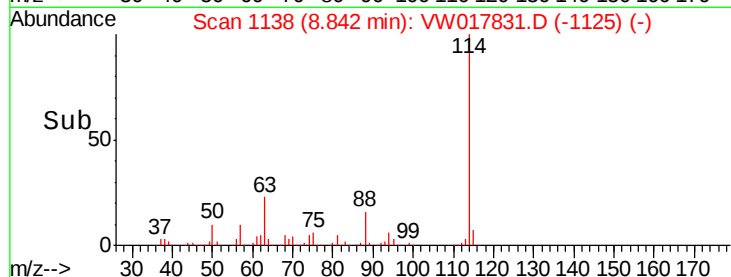
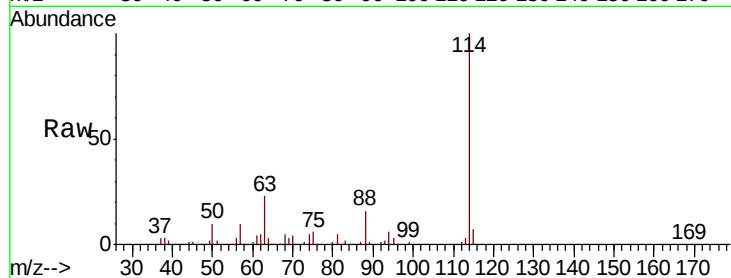
Ion Ratio Lower Upper

95 100

97 0.0 46.8 87.0#

132 0.0 68.3 126.9#

130 0.0 71.8 133.4#



#40

1,2-Dichloropropane

Concen: 3.313 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW017831.D

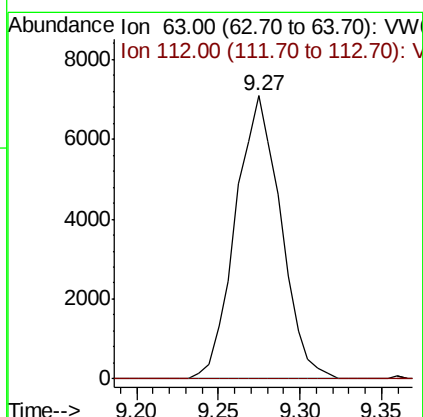
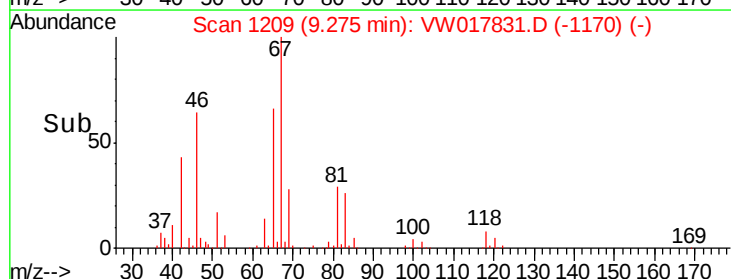
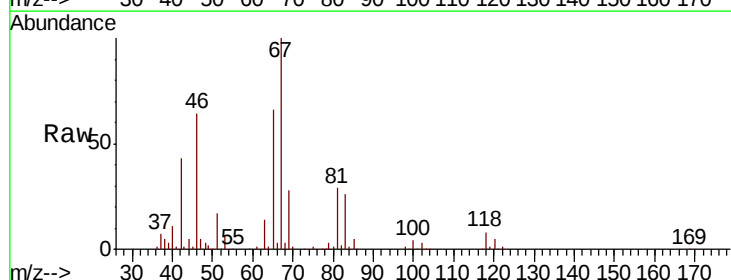
Acq: 12 Jan 2021 13:31

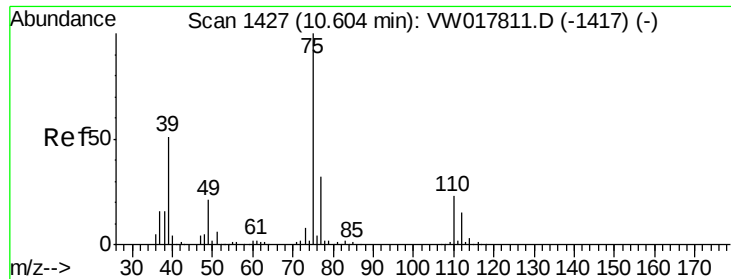
Tgt Ion: 63 Resp: 13690

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#45

trans-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017831.D

Acq: 12 Jan 2021 13:31

Instrument :

MSVOA_W

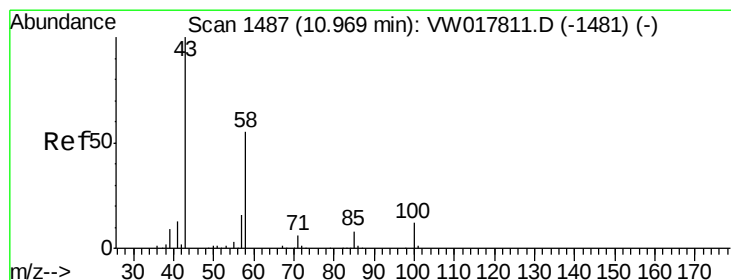
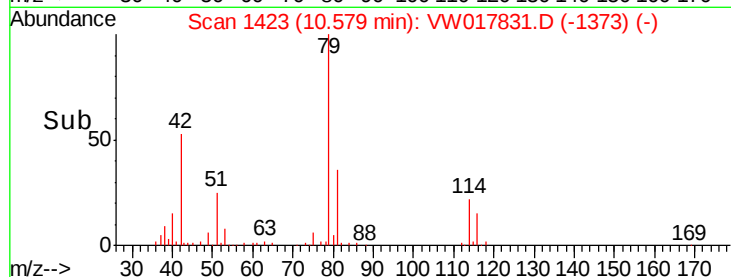
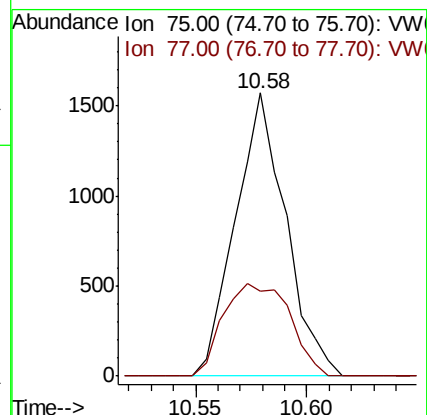
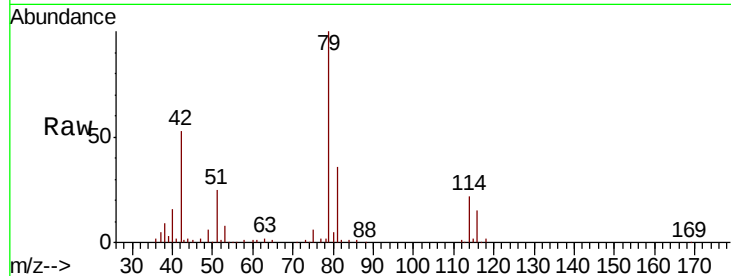
ClientSampleId :

Tot Ion: 75 Resp: 2477

Ion Ratio Lower Upper

75 100

77 29.9 21.6 40.0



#49

2-Hexanone

Concen: 0.977 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017831.D

Acq: 12 Jan 2021 13:31

Tgt Ion: 43 Resp: 1392

Ion Ratio Lower Upper

43 100

58 0.0 44.2 66.4#

57 15.3 16.1 24.1#

100 0.0 11.0 16.4#

