

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016809.D
 Acq On : 06 Oct 2020 21:55
 Operator : SY/VA
 Sample : L4235-15
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ0

Quant Time: Oct 07 03:14:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	547355	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	422635	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144298	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157207	29.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.44%
7) Chloroethane-d5	2.90	69	133353	29.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.76%
10) 1,1-Dichloroethene-d2	4.03	63	224015	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.16%
20) 2-Butanone-d5	7.09	46	46265	37.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.66%
24) Chloroform-d	7.65	84	300588	26.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.12%
26) 1,2-Dichloroethane-d4	8.31	65	144605	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.68%
29) Benzene-d6	8.28	84	621776	32.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.56%
33) 1,2-Dichloropropane-d6	9.28	67	164674	31.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.68%#
37) Toluene-d8	10.33	98	537421	29.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.68%
38) trans-1,3-Dichloropropene-	10.58	79	54856	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	36852	46.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96797	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	120159	26.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.00%

Target Compounds

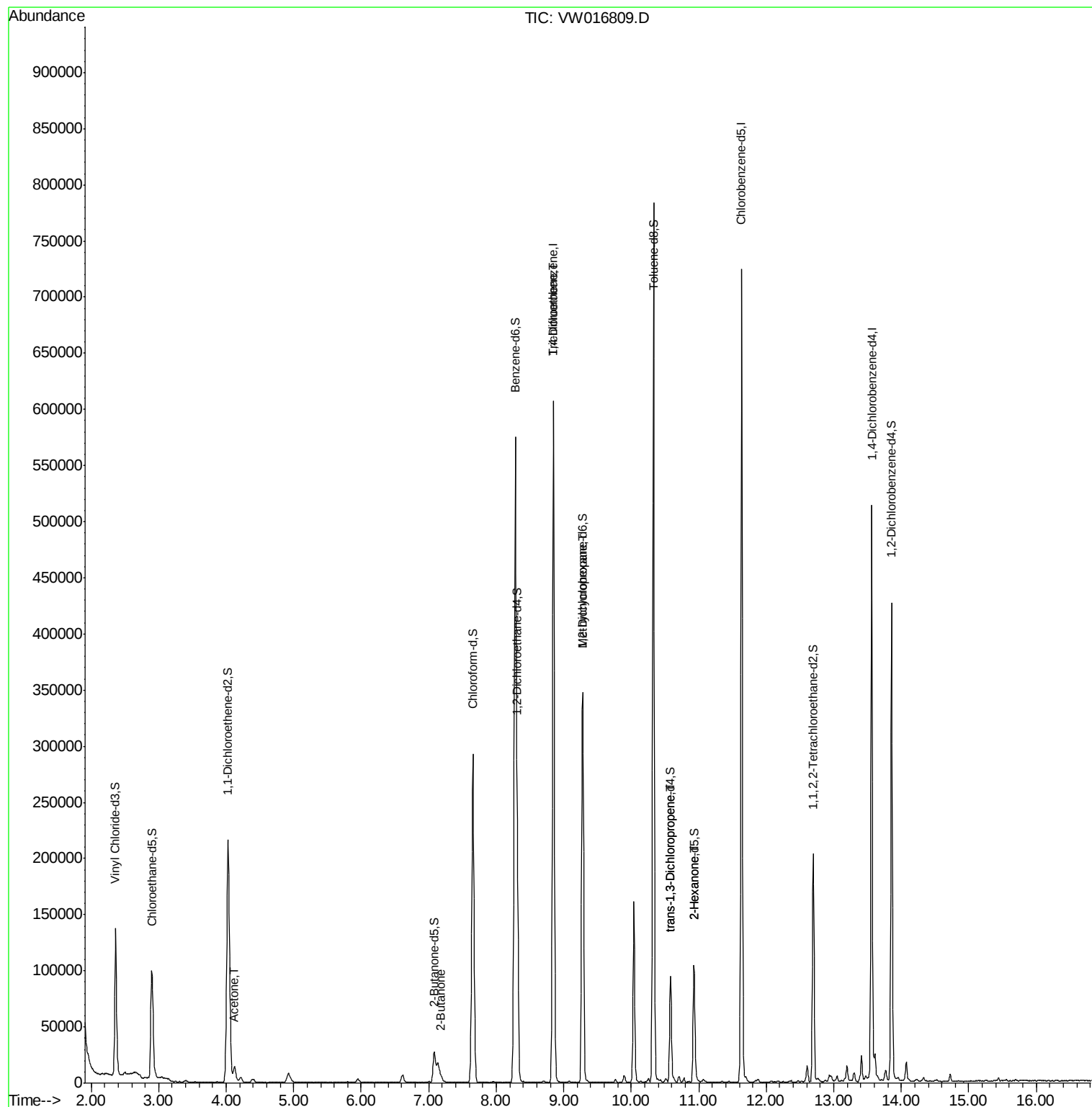
					Ovalue
13) Acetone	4.12	43	23591	25.489 ug/L	73
21) 2-Butanone	7.18	43	8897	5.726 ug/L	74
35) Trichloroethene	8.84	95	15089	2.350 ug/L #	2
36) Methylcyclohexane	9.28	83	43246	4.006 ug/L #	22
45) trans-1,3-Dichloropropene	10.58	75	2455	0.357 ug/L #	72
49) 2-Hexanone	10.93	43	6934	4.066 ug/L #	62

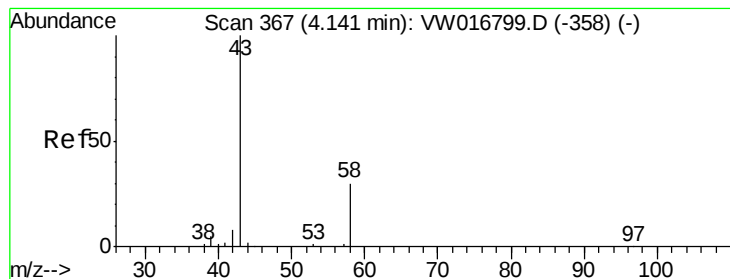
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 25.489 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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Acq: 06 Oct 2020 21:55

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ClientSampleId :

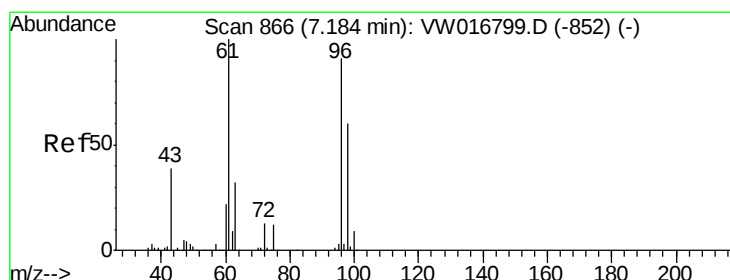
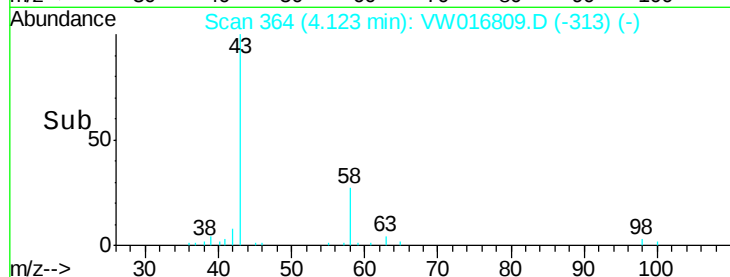
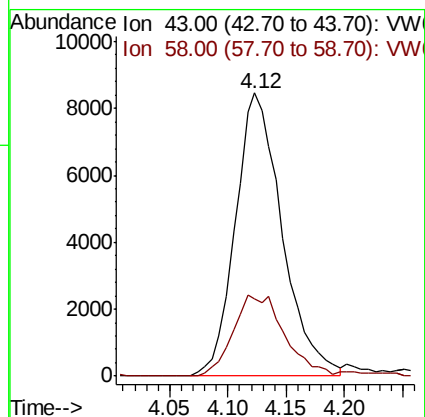
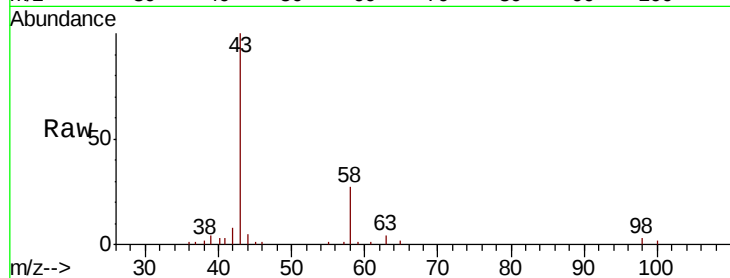
C0AQ0

Tot Ion: 43 Resp: 23591

Ion Ratio Lower Upper

43 100

58 18.4 0.0 67.6



#21

2-Butanone

Concen: 5.726 ug/L

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW016809.D

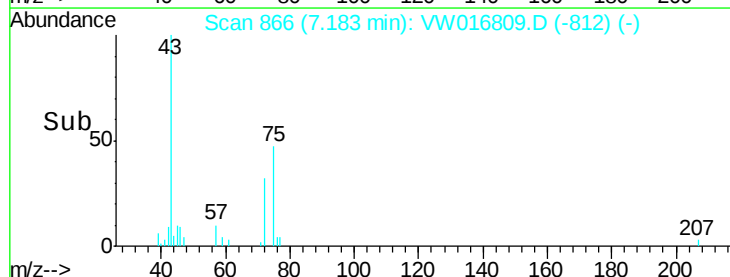
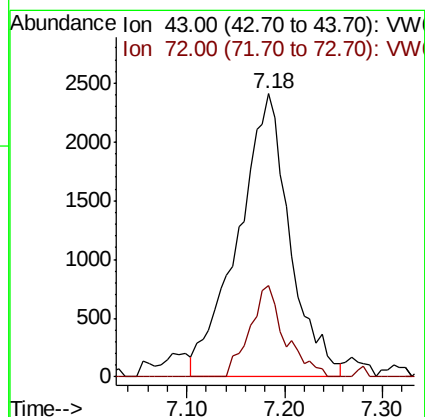
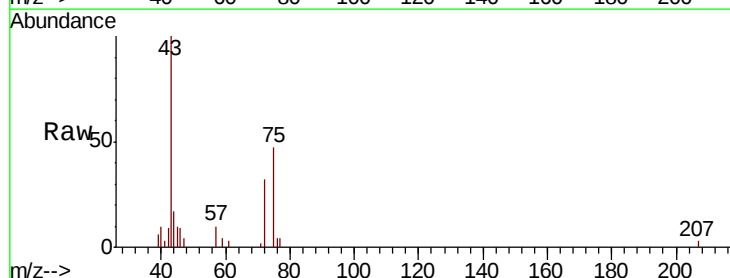
Acq: 06 Oct 2020 21:55

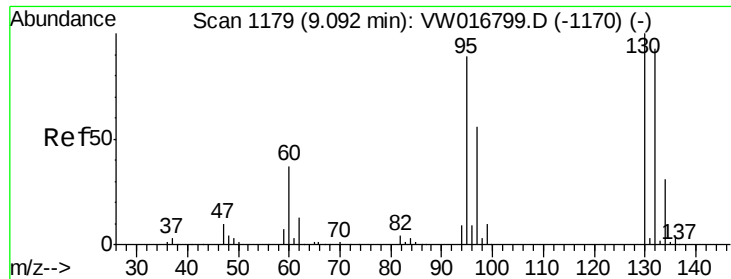
Tgt Ion: 43 Resp: 8897

Ion Ratio Lower Upper

43 100

72 18.0 16.2 48.5





#35

Trichloroethene

Concen: 2.350 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016809.D

Acq: 06 Oct 2020 21:55

Instrument :

MSVOA_W

ClientSampleId :

C0AQ0

Tot Ion: 95 Resp: 15089

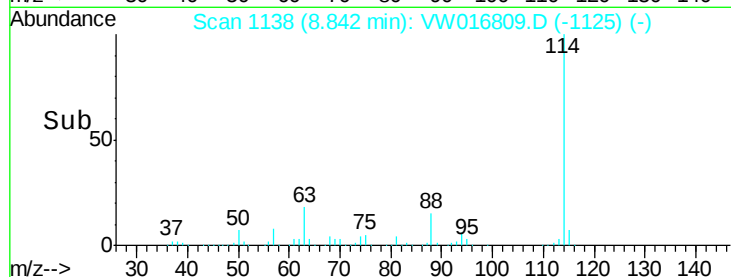
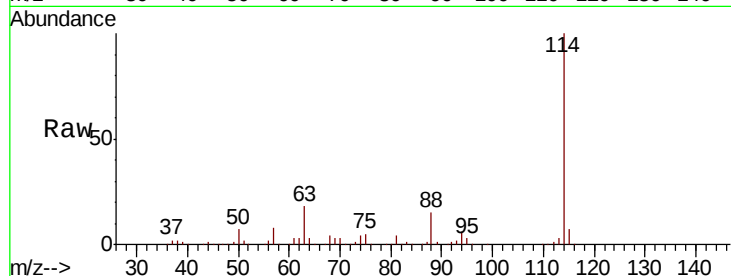
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#

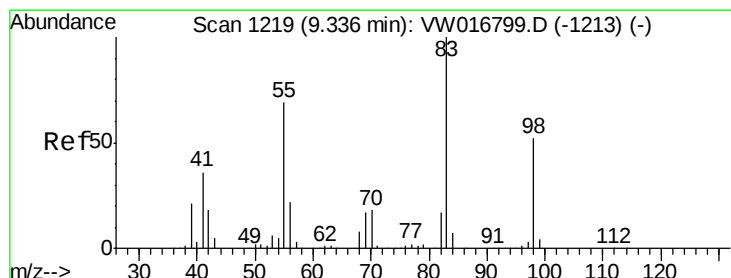
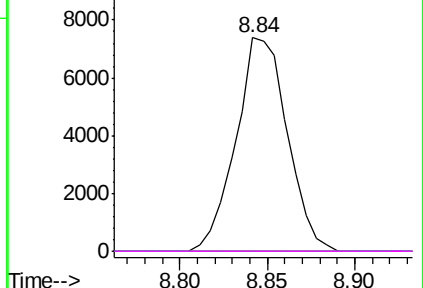


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 4.006 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016809.D

Acq: 06 Oct 2020 21:55

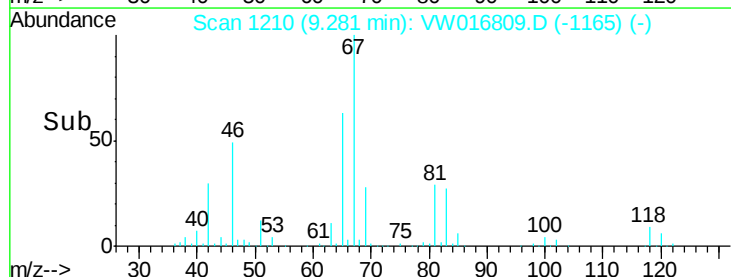
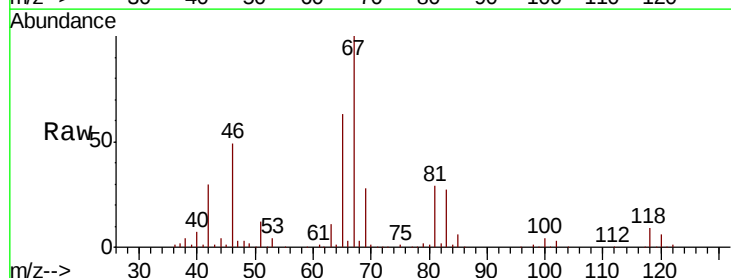
Tgt Ion: 83 Resp: 43246

Ion Ratio Lower Upper

83 100

55 0.2 54.2 81.4#

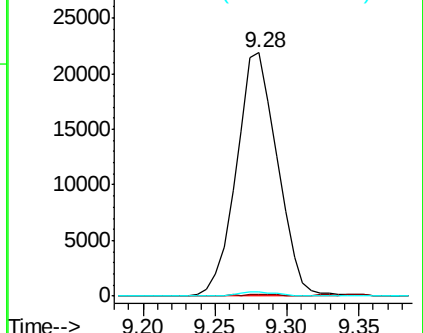
98 1.6 41.4 62.2#

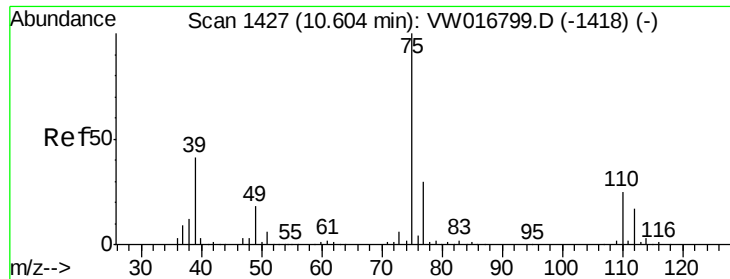


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.357 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

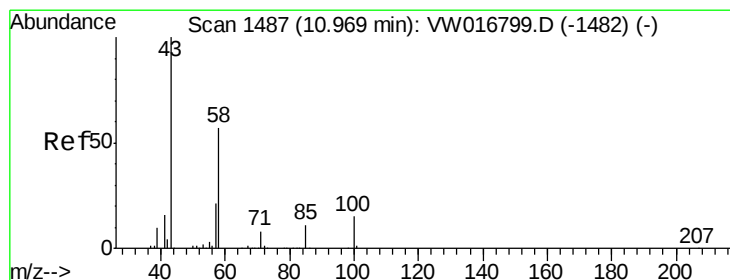
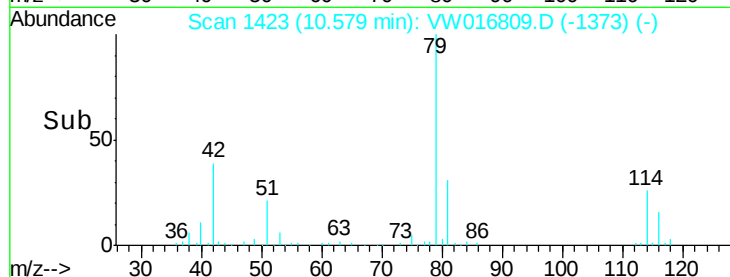
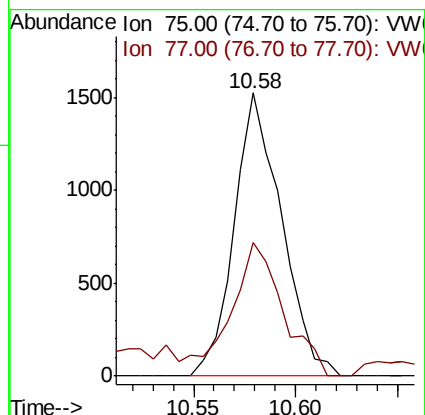
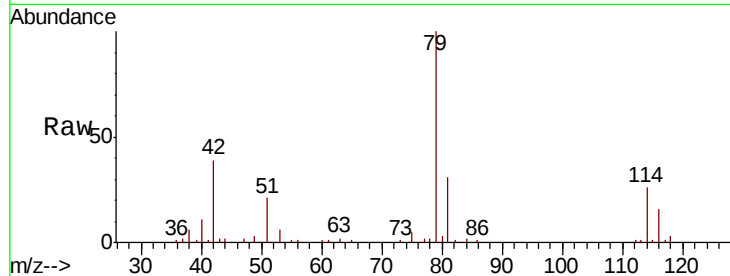
C0AQ0

Tot Ion: 75 Resp: 2455

Ion Ratio Lower Upper

75 100

77 47.3 22.2 41.2#



#49

2-Hexanone

Concen: 4.066 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016809.D

Acq: 06 Oct 2020 21:55

Tgt Ion: 43 Resp: 6934

Ion Ratio Lower Upper

43 100

58 20.8 47.1 70.7#

57 21.6 16.2 24.4

100 0.6 13.3 19.9#

