

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016811.D
 Acq On : 06 Oct 2020 22:42
 Operator : SY/VA
 Sample : L4235-17
 Misc : 3.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ3

Quant Time: Oct 07 03:15:04 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	506888	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336359	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124568	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
7) Chloroethane-d5	2.90	69	109282	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
10) 1,1-Dichloroethene-d2	4.03	63	179299	16.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.56%
20) 2-Butanone-d5	7.09	46	35476	31.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.64%
24) Chloroform-d	7.65	84	238710	22.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	8.31	65	124873	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.68%
29) Benzene-d6	8.28	84	488538	31.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.92%
33) 1,2-Dichloropropane-d6	9.28	67	132473	32.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.08%#
37) Toluene-d8	10.33	98	391871	27.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.76%
38) trans-1,3-Dichloropropene-	10.59	79	35690	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.84%
39) 2-Hexanone-d5	10.93	63	29660	46.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75827	22.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	60240	22.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.72%

Target Compounds

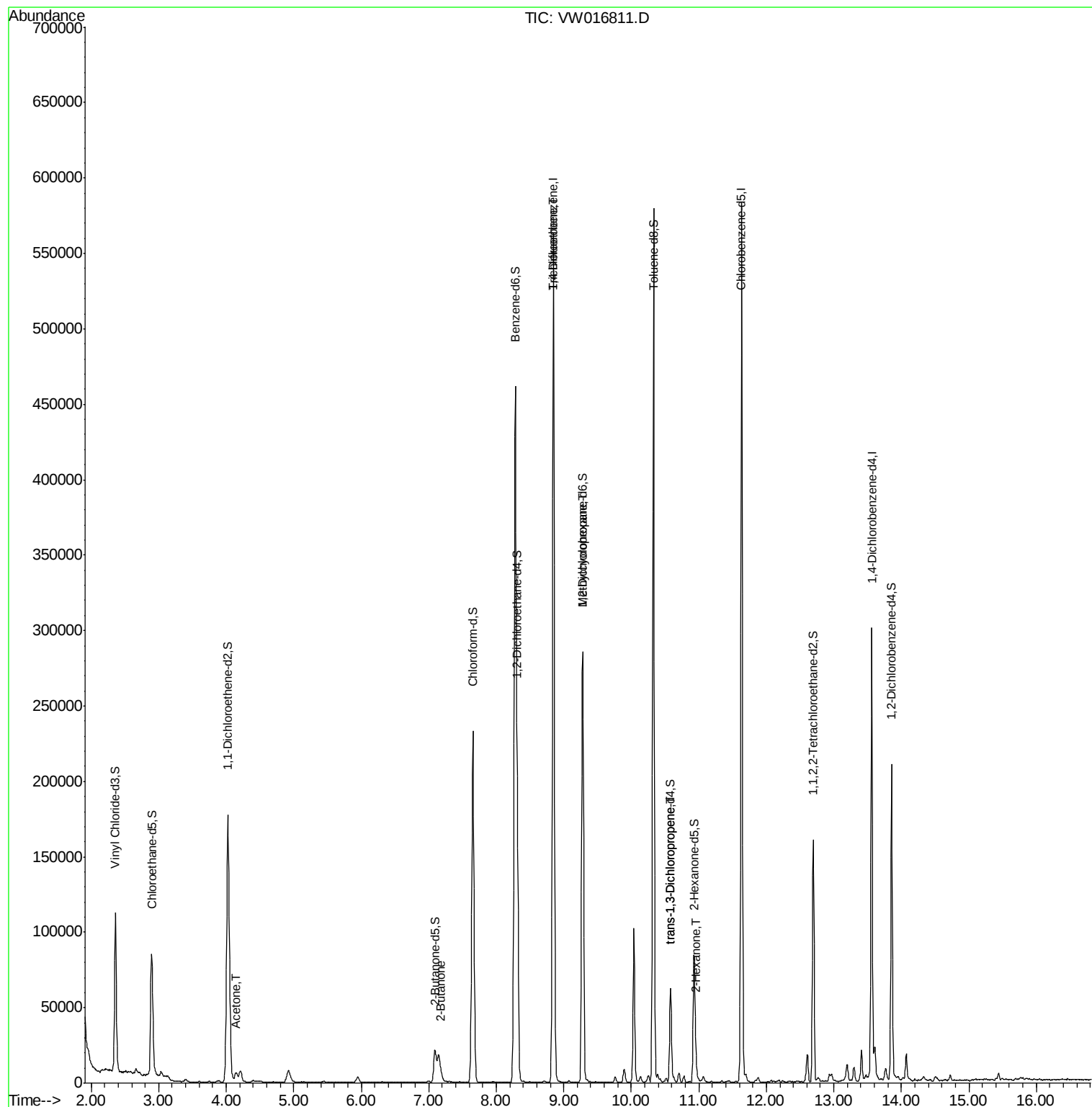
					Ovalue
13) Acetone	4.15	43	12093	14.109	ug/L 83
21) 2-Butanone	7.18	43	5497	3.820	ug/L 98
35) Trichloroethene	8.85	95	13786	2.698	ug/L # 2
36) Methylcyclohexane	9.28	83	34610	4.029	ug/L # 22
45) trans-1,3-Dichloropropene	10.58	75	1557	0.284	ug/L 92
49) 2-Hexanone	10.96	43	11527	8.493	ug/L # 39

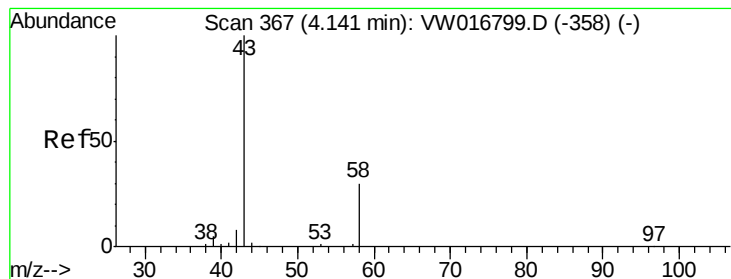
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 14.109 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016811.D

Acq: 06 Oct 2020 22:42

Instrument :

MSVOA_W

ClientSampleId :

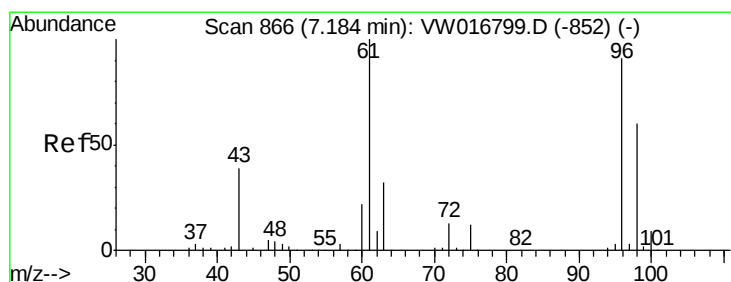
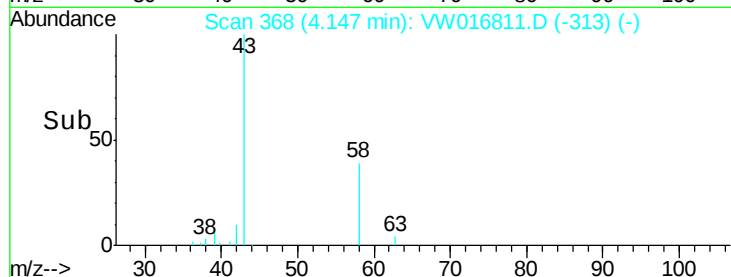
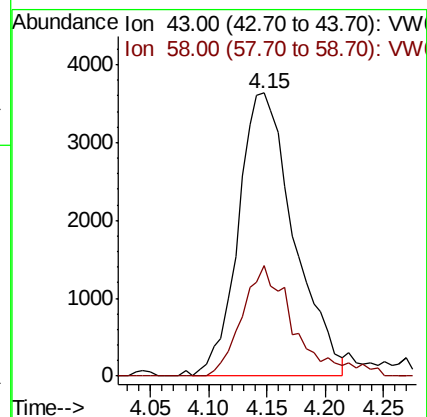
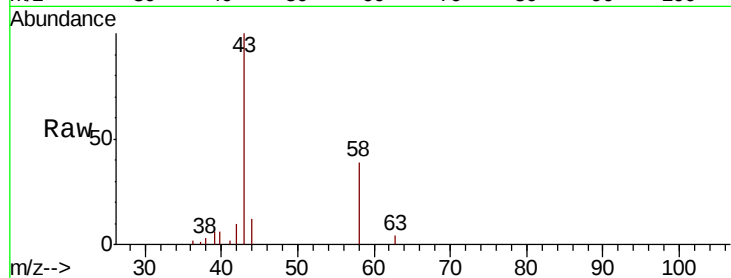
C0AQ3

Tot Ion: 43 Resp: 12093

Ion Ratio Lower Upper

43 100

58 23.9 0.0 67.6



#21

2-Butanone

Concen: 3.820 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016811.D

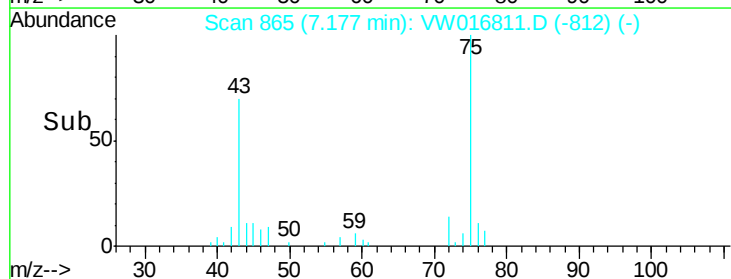
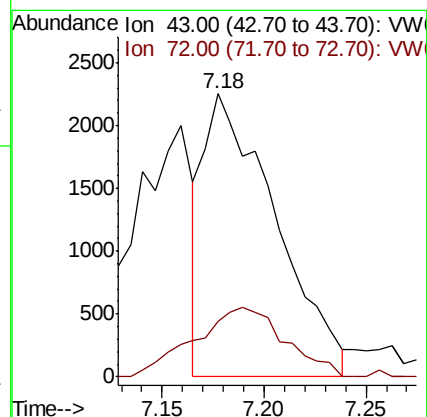
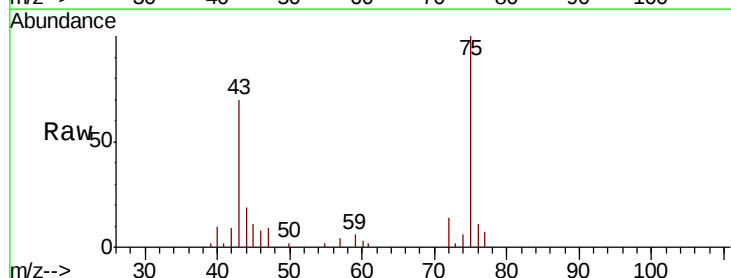
Acq: 06 Oct 2020 22:42

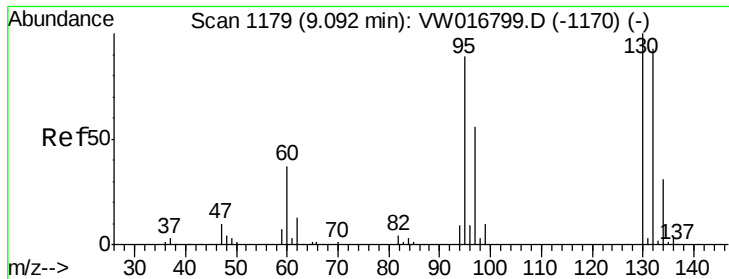
Tgt Ion: 43 Resp: 5497

Ion Ratio Lower Upper

43 100

72 31.1 16.2 48.5





#35

Trichloroethene

Concen: 2.698 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016811.D

Acq: 06 Oct 2020 22:42

Instrument :

MSVOA_W

ClientSampleId :

C0AQ3

Tot Ion: 95 Resp: 13786

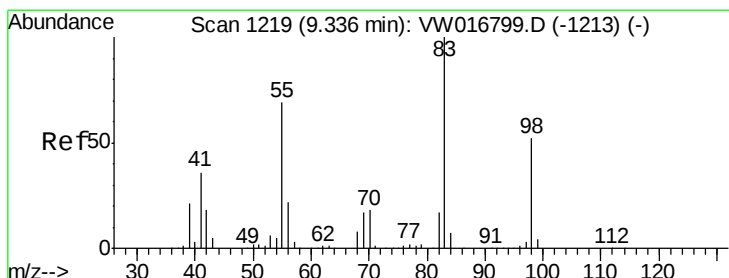
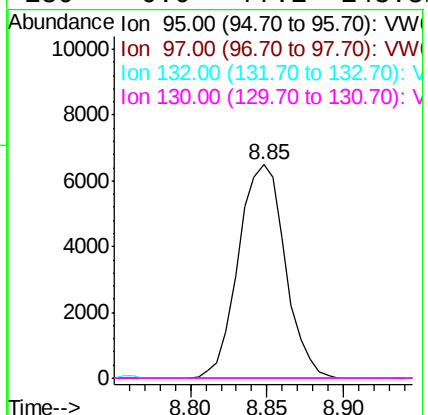
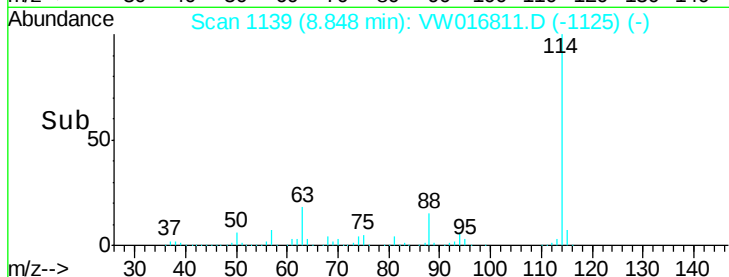
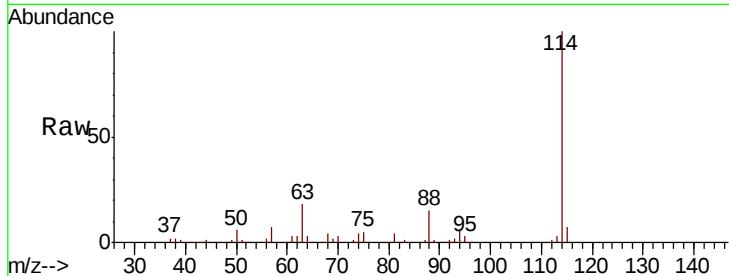
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#



#36

Methylcyclohexane

Concen: 4.029 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016811.D

Acq: 06 Oct 2020 22:42

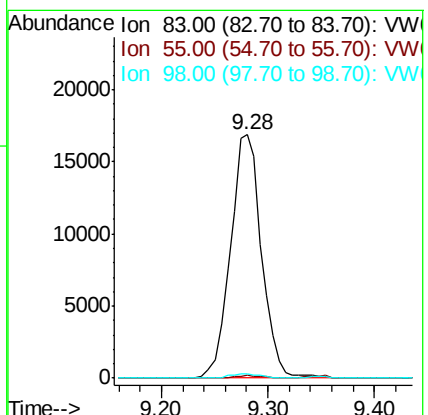
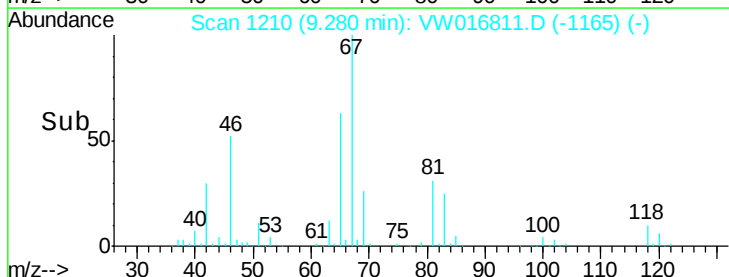
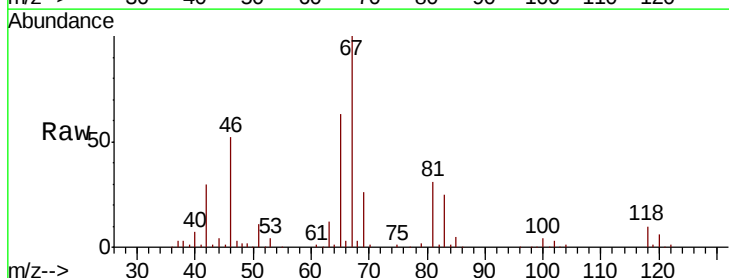
Tgt Ion: 83 Resp: 34610

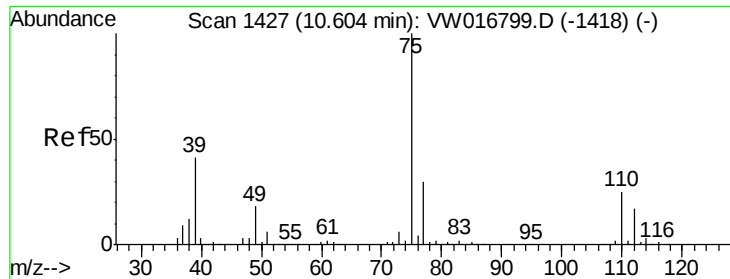
Ion Ratio Lower Upper

83 100

55 0.7 54.2 81.4#

98 1.8 41.4 62.2#





#45

trans-1,3-Dichloropropene

Concen: 0.284 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016811.D

Acq: 06 Oct 2020 22:42

Instrument :

MSVOA_W

ClientSampled :

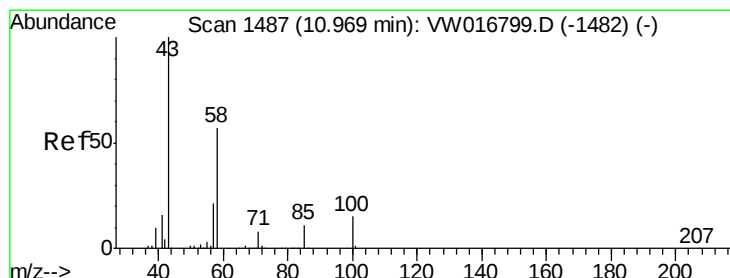
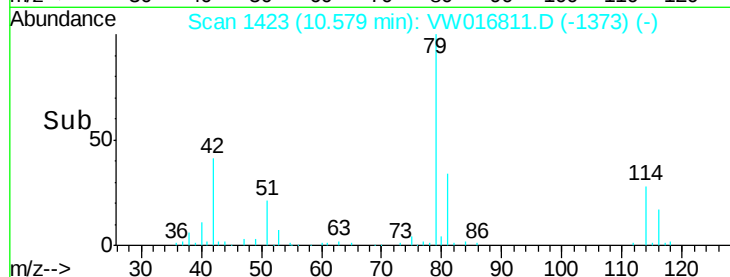
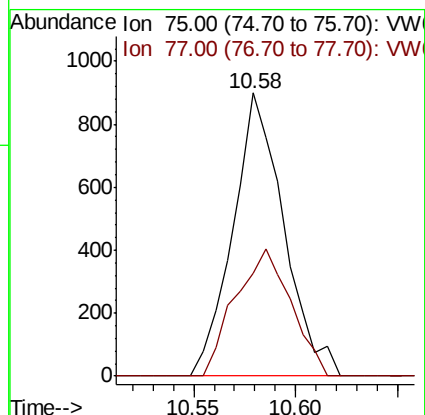
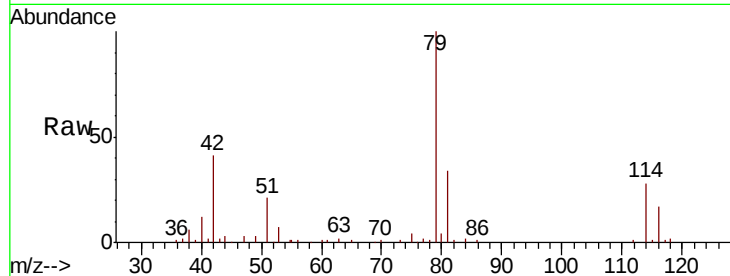
C0AQ3

Tot Ion: 75 Resp: 1557

Ion Ratio Lower Upper

75 100

77 36.4 22.2 41.2



#49

2-Hexanone

Concen: 8.493 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW016811.D

Acq: 06 Oct 2020 22:42

Tgt Ion: 43 Resp: 11527

Ion Ratio Lower Upper

43 100

58 3.2 47.1 70.7#

57 1.9 16.2 24.4#

100 0.0 13.3 19.9#

