

Data File : VW017347.D
Acq On : 18 Nov 2020 22:59
Operator : SY/VA
Sample : L4749-15
Misc : 5.58G/14ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B14

Quant Time: Nov 19 05:08:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	359065	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305641	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121322	22.82	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.28%
7) Chloroethane-d5	2.89	69	96333	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	4.02	63	155944	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	7.08	46	38300	43.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.74%
24) Chloroform-d	7.65	84	216529	22.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	8.31	65	118265	25.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.80%
29) Benzene-d6	8.27	84	412635	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.27	67	118141	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.96%
37) Toluene-d8	10.33	98	367890	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.72%
38) trans-1,3-Dichloropropene-	10.58	79	42511	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.08%
39) 2-Hexanone-d5	10.93	63	30249	49.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94165	27.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	105655	24.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.48%

Target Compounds

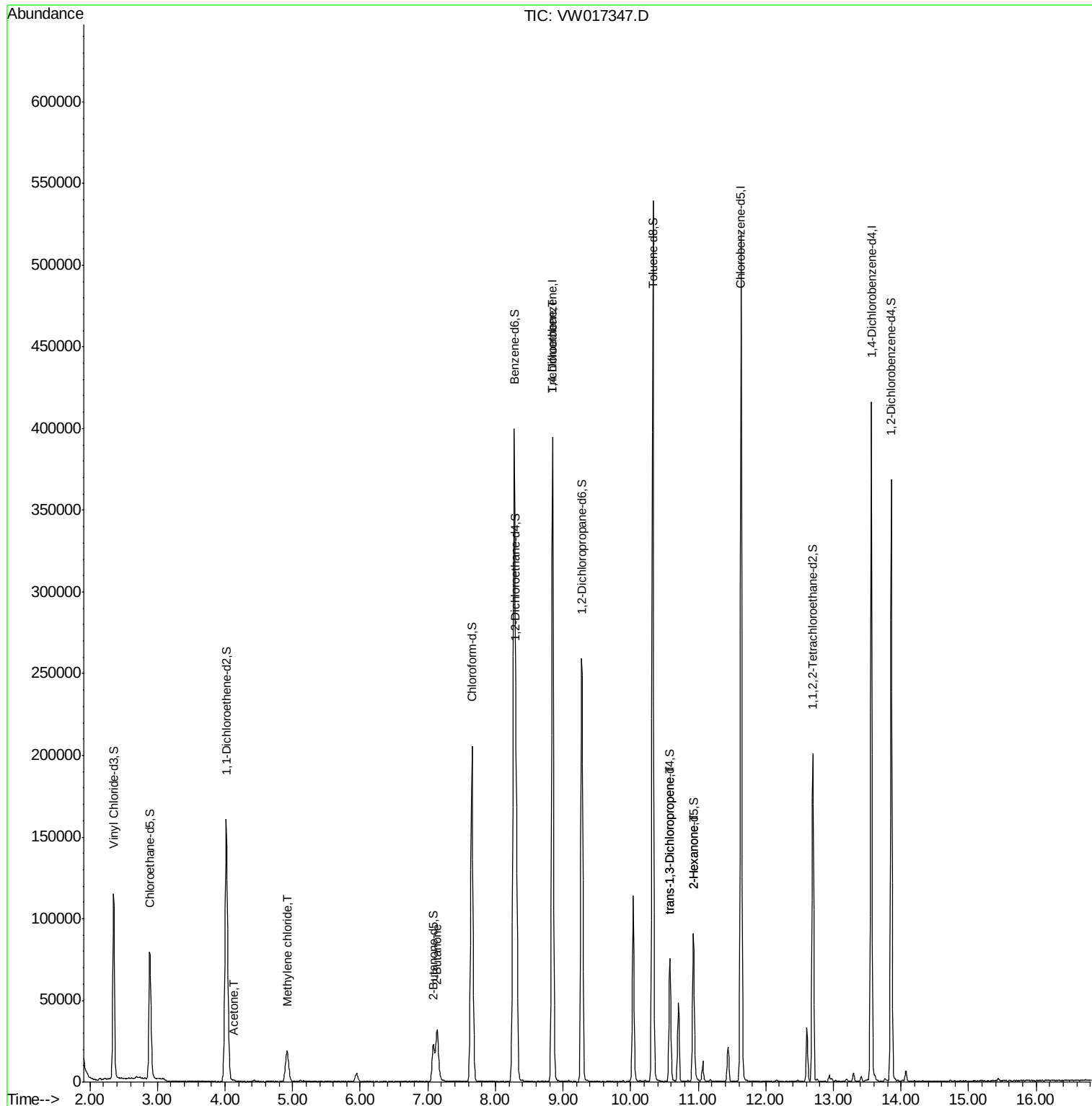
					Qvalue
13) Acetone	4.13	43	795	1.248 ug/L	98
16) Methylene chloride	4.92	84	16815	2.738 ug/L	98
21) 2-Butanone	7.13	43	1928	1.975 ug/L #	54
35) Trichloroethene	8.85	95	10143	2.077 ug/L #	2
45) trans-1,3-Dichloropropene	10.58	75	2135	0.416 ug/L #	76
49) 2-Hexanone	10.93	43	5599	4.799 ug/L #	62

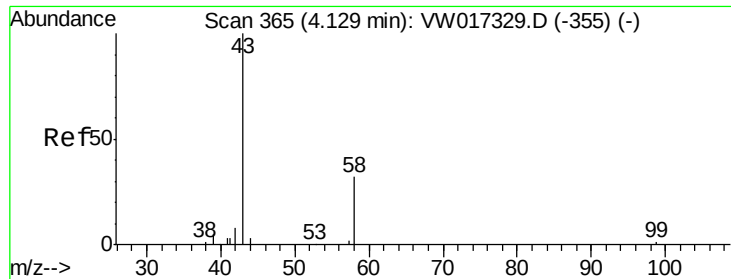
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017347.D
Acq On : 18 Nov 2020 22:59
Operator : SY/VA
Sample : L4749-15
Misc : 5.58G/14ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B14

Quant Time: Nov 19 05:08:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.248 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017347.D

Acq: 18 Nov 2020 22:59

Instrument :

MSVOA_W

ClientSampled :

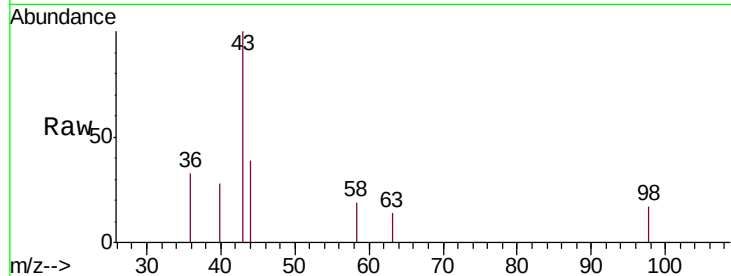
C0B14

Tgt Ion: 43 Resp: 795

Ion Ratio Lower Upper

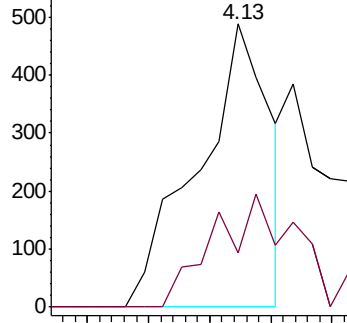
43 100

58 32.2 0.0 67.0

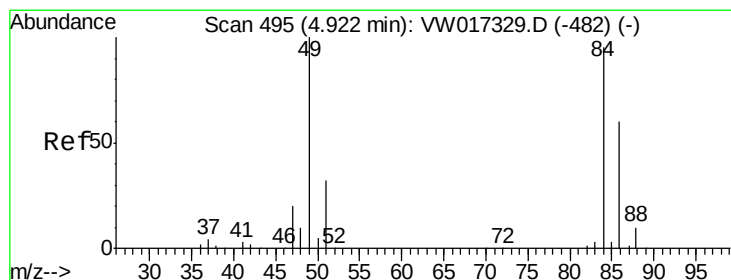
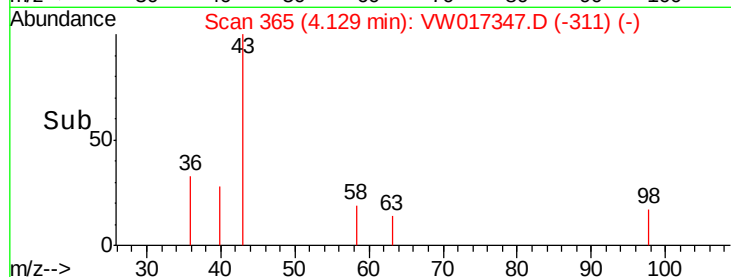


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 2.738 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017347.D

Acq: 18 Nov 2020 22:59

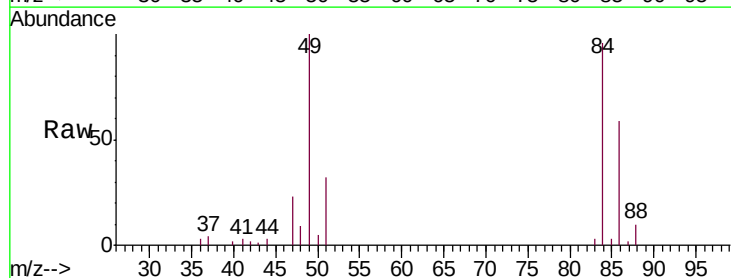
Tgt Ion: 84 Resp: 16815

Ion Ratio Lower Upper

84 100

49 104.6 71.5 132.9

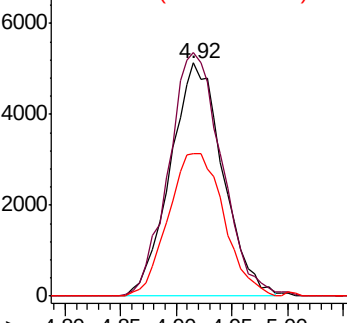
86 61.2 42.8 79.4



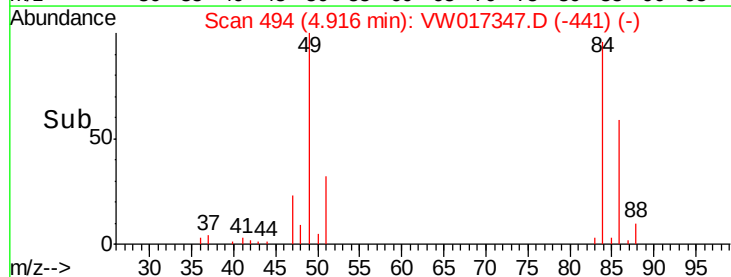
Abundance Ion 84.00 (83.70 to 84.70): VW

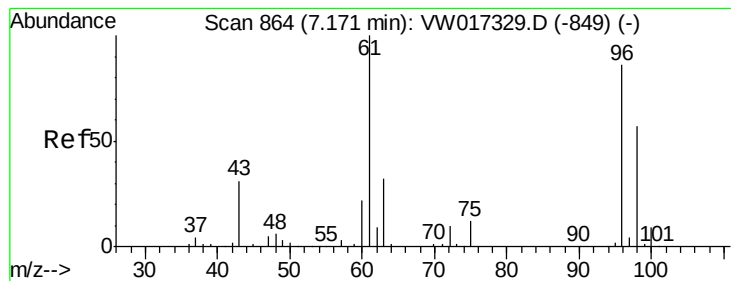
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#21

2-Butanone

Concen: 1.975 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017347.D

Acq: 18 Nov 2020 22:59

Instrument :

MSVOA_W

ClientSampled :

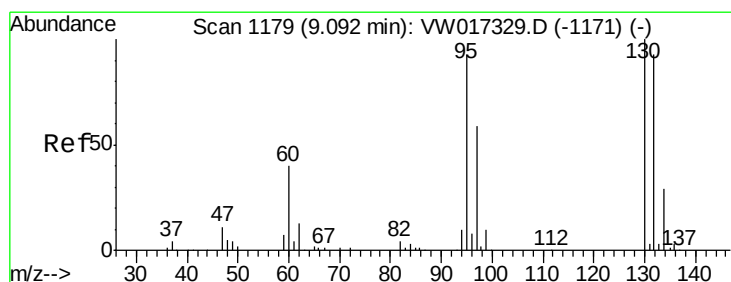
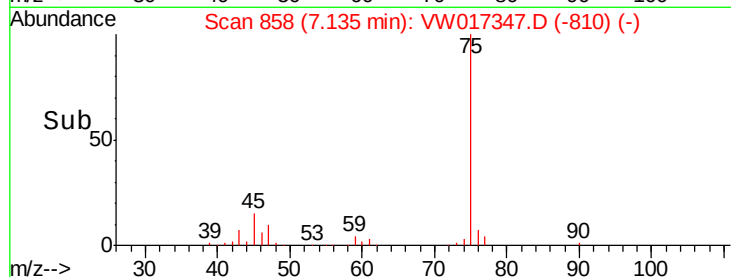
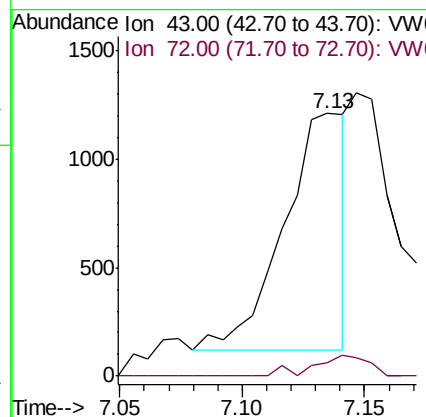
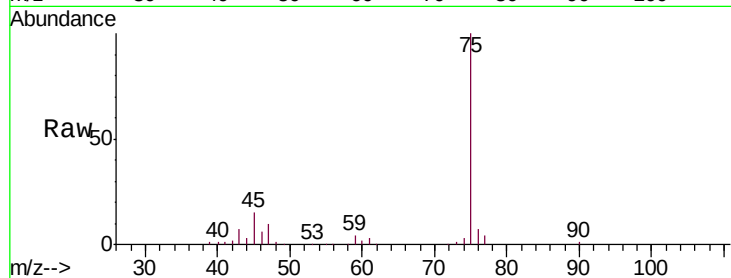
C0B14

Tgt Ion: 43 Resp: 1928

Ion Ratio Lower Upper

43 100

72 6.6 16.4 49.1#



#35

Trichloroethene

Concen: 2.077 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017347.D

Acq: 18 Nov 2020 22:59

Tgt Ion: 95 Resp: 10143

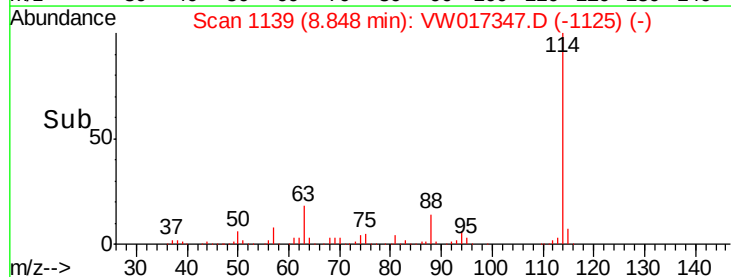
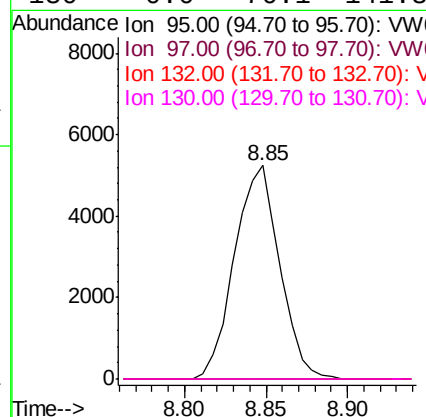
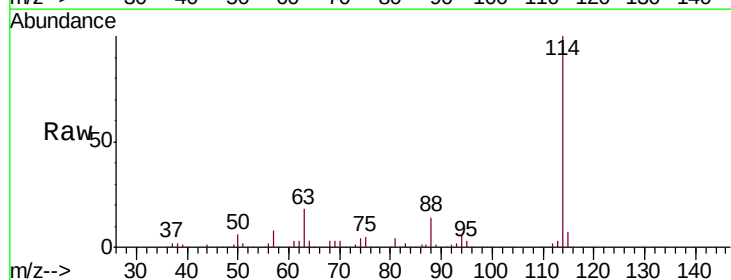
Ion Ratio Lower Upper

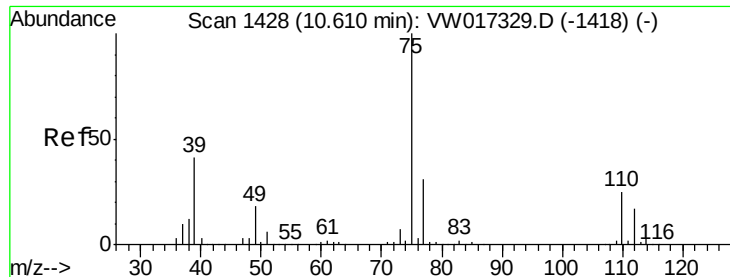
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#





#45

trans-1,3-Dichloropropene

Concen: 0.416 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017347.D

Acq: 18 Nov 2020 22:59

Instrument :

MSVOA_W

ClientSampled :

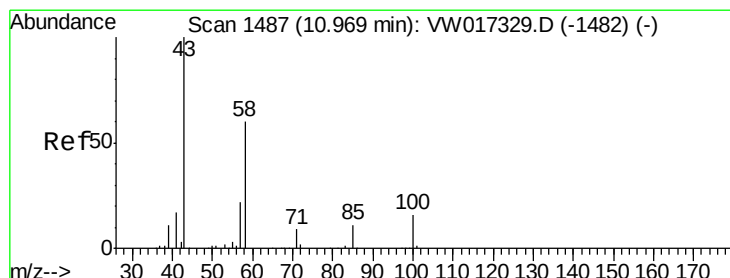
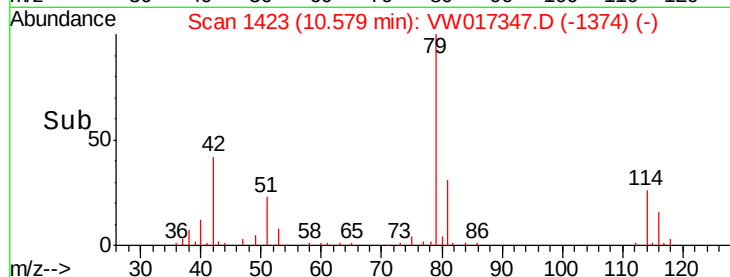
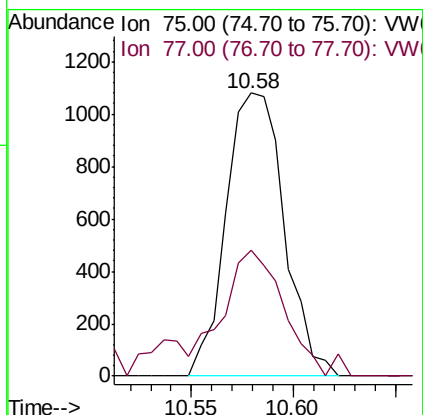
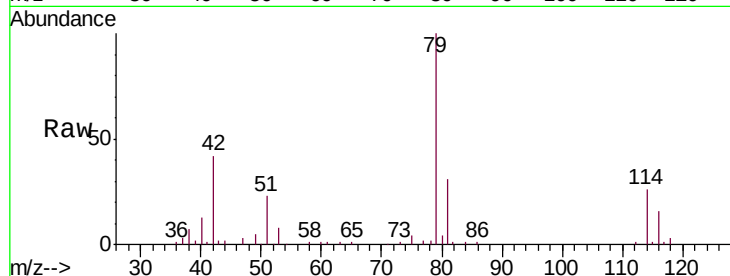
C0B14

Tgt Ion: 75 Resp: 2135

Ion Ratio Lower Upper

75 100

77 44.4 22.0 40.8#



#49

2-Hexanone

Concen: 4.799 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017347.D

Acq: 18 Nov 2020 22:59

Tgt Ion: 43 Resp: 5599

Ion Ratio Lower Upper

43 100

58 21.4 49.4 74.0#

57 21.5 17.0 25.4

100 2.2 13.1 19.7#

