

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016876.D
 Acq On : 12 Jun 2020 14:02
 Operator : SY/MD
 Sample : L2947-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE4

Quant Time: Jun 13 01:42:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	337130	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158905	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102246	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.96%
7) Chloroethane-d5	1.56	69	74382	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.22%
11) 1,1-Dichloroethene-d2	2.12	63	144431	36.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.32%
21) 2-Butanone-d5	3.89	46	167298	95.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	4.37	84	227672	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
26) 1,2-Dichloroethane-d4	5.05	65	165459	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.07	84	440682	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
36) 1,2-Dichloropropane-d6	6.09	67	136936	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.98%
41) Toluene-d8	7.34	98	404219	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%
43) trans-1,3-Dichloropropene-	7.64	79	67727	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
47) 2-Hexanone-d5	8.11	63	88969	70.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160559	41.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	169824	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

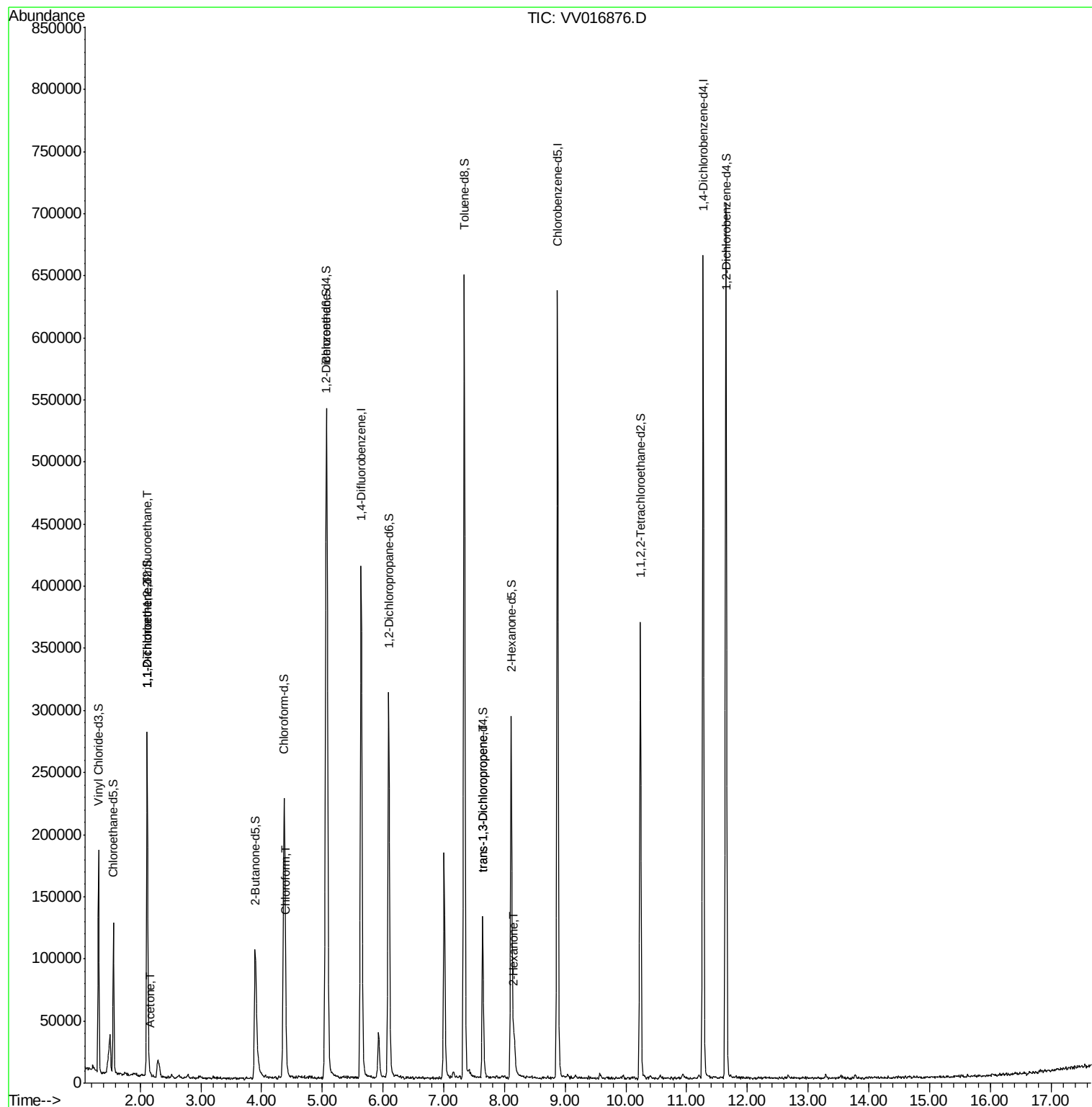
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1595	0.890 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1377	0.823 ug/L #	1
13) Acetone	2.17	43	1277	1.101 ug/L	76
25) Chloroform	4.41	83	3359	0.761 ug/L	93
44) trans-1,3-Dichloropropene	7.64	75	3607	0.957 ug/L	91
48) 2-Hexanone	8.16	43	18596	6.783 ug/L	91

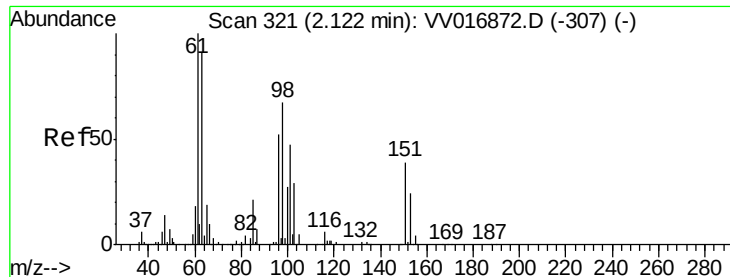
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 01:34:58 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.890 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV016876.D

Acq: 12 Jun 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

BFXE4

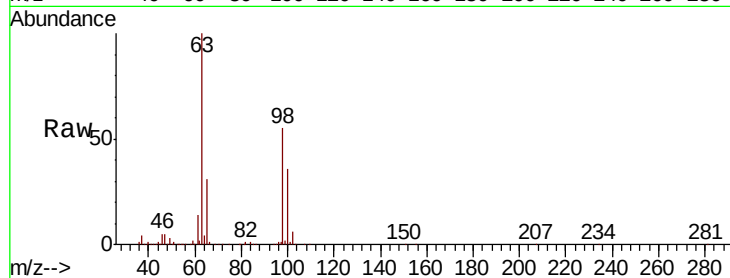
Tot Ion:101 Resp: 1595

Ion Ratio Lower Upper

101 100

85 7.4 35.5 53.3#

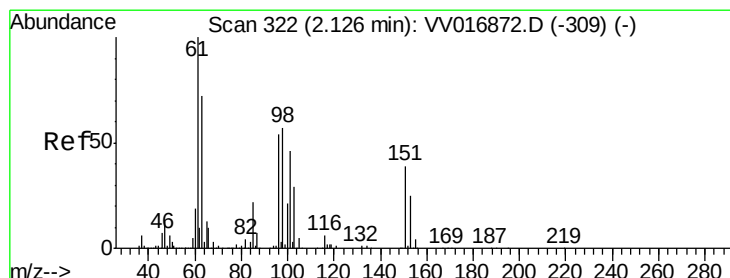
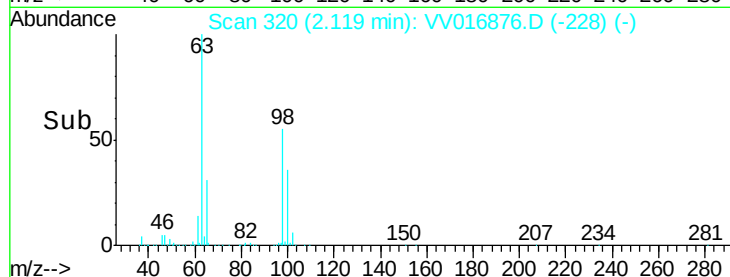
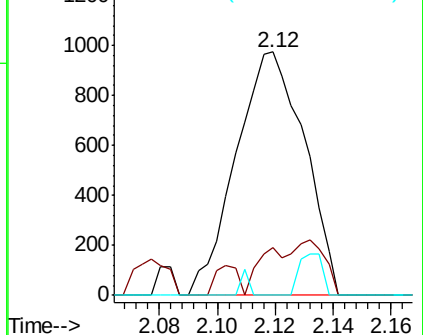
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.823 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016876.D

Acq: 12 Jun 2020 14:02

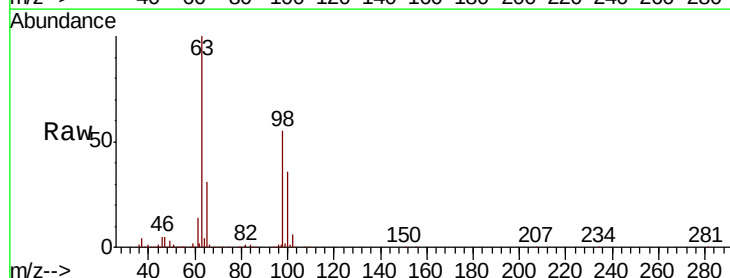
Tgt Ion: 96 Resp: 1377

Ion Ratio Lower Upper

96 100

61 1622.5 130.4 242.2#

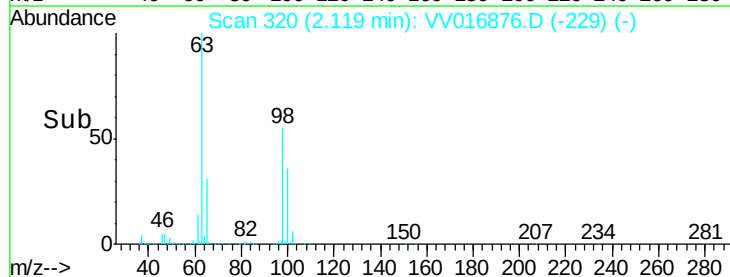
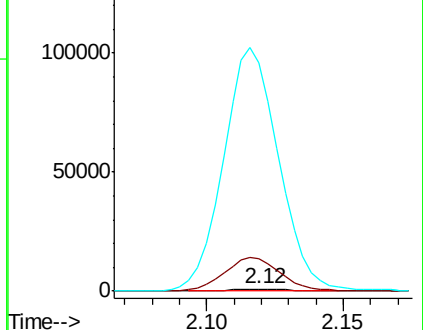
63 11570.5 103.3 191.9#

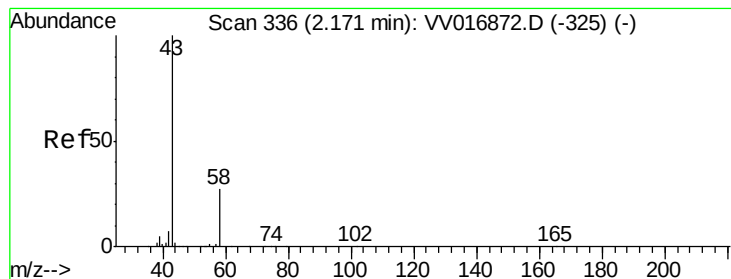


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.101 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016876.D

Acq: 12 Jun 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

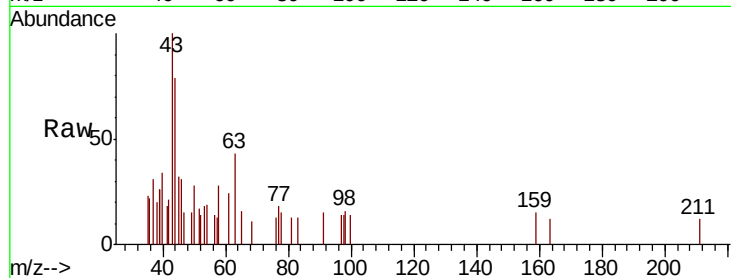
BFXE4

Tot Ion: 43 Resp: 1277

Ion Ratio Lower Upper

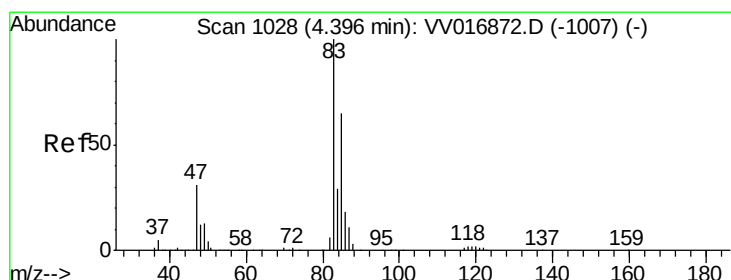
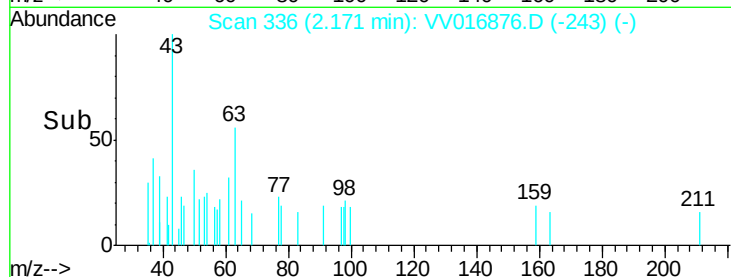
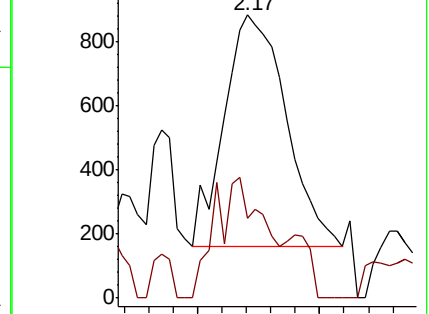
43 100

58 14.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016876.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016876.D (-243) (-)



#25

Chloroform

Concen: 0.761 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV016876.D

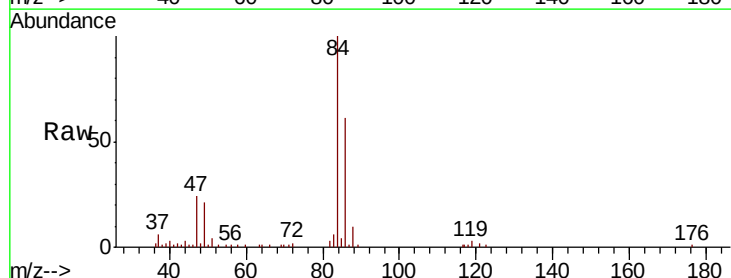
Acq: 12 Jun 2020 14:02

Tgt Ion: 83 Resp: 3359

Ion Ratio Lower Upper

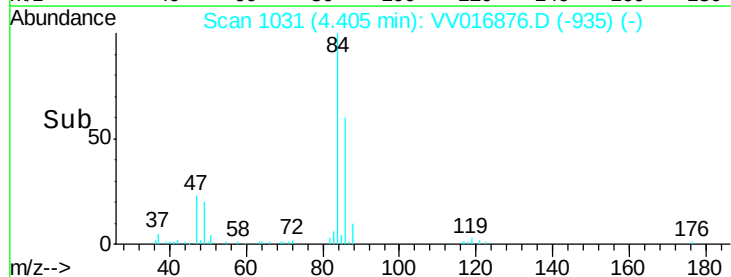
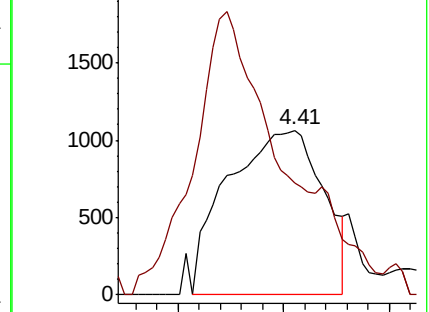
83 100

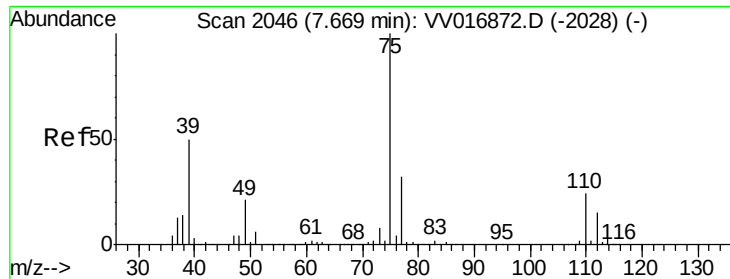
85 68.4 44.1 81.9



Abundance Ion 83.00 (82.70 to 83.70): VV016876.D (-935) (-)

Ion 85.00 (84.70 to 85.70): VV016876.D (-935) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.957 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016876.D

Acq: 12 Jun 2020 14:02

Instrument :

MSVOA_V

ClientSampled :

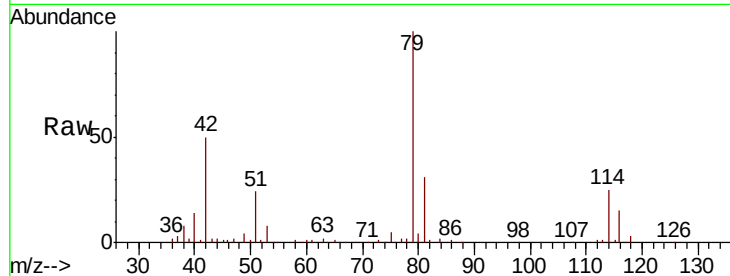
BFXE4

Tot Ion: 75 Resp: 3607

Ion Ratio Lower Upper

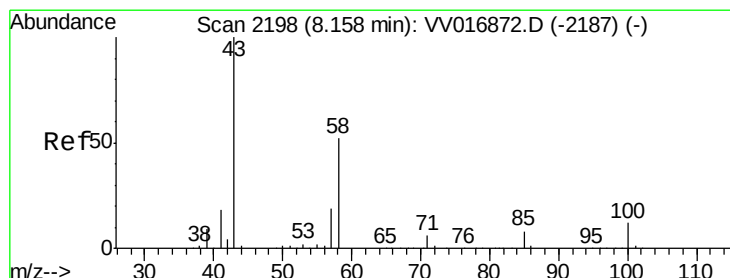
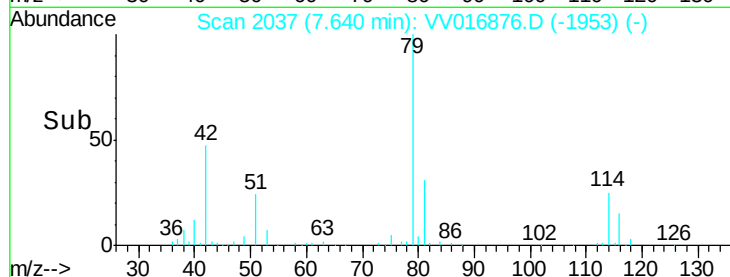
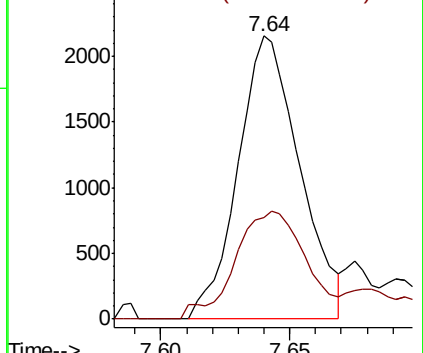
75 100

77 36.0 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 6.783 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016876.D

Acq: 12 Jun 2020 14:02

Tgt Ion: 43 Resp: 18596

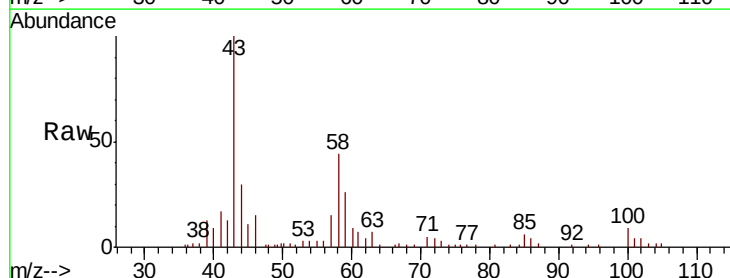
Ion Ratio Lower Upper

43 100

58 45.2 43.1 64.7

57 18.3 15.3 22.9

100 10.1 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

