

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017546.D
 Acq On : 04 Dec 2020 11:20
 Operator : SY/VA
 Sample : L4920-11RE
 Misc : 5.31G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F7

Quant Time: Dec 05 07:37:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	482310	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441648	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107017	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.44%
7) Chloroethane-d5	2.90	69	95927	17.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.56%
10) 1,1-Dichloroethene-d2	4.03	63	193727	13.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.04%
20) 2-Butanone-d5	7.09	46	53785	38.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.32%
24) Chloroform-d	7.65	84	276885	19.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.92%
26) 1,2-Dichloroethane-d4	8.31	65	140491	20.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.80%
29) Benzene-d6	8.28	84	528610	19.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.48%
33) 1,2-Dichloropropane-d6	9.27	67	154119	19.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.76%
37) Toluene-d8	10.33	98	483079	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.08%
38) trans-1,3-Dichloropropene-	10.58	79	62419	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.76%
39) 2-Hexanone-d5	10.93	63	35911	37.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107419	19.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	162801	20.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.64%

Target Compounds

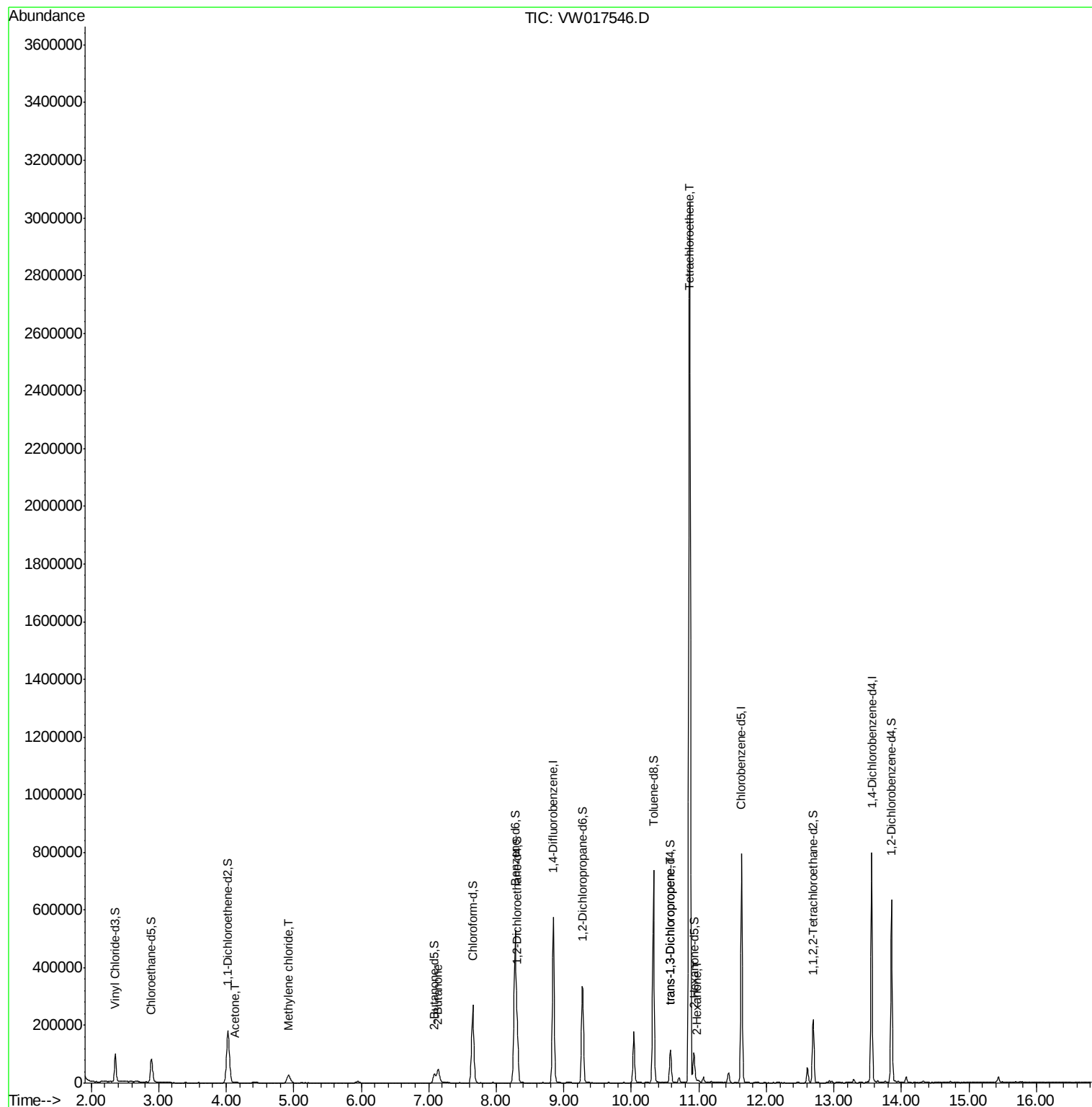
					Ovalue
13) Acetone	4.14	43	3751	2.769 ug/L	94
16) Methylene chloride	4.93	84	23333	3.208 ug/L	90
21) 2-Butanone	7.15	43	1668	1.039 ug/L	77
45) trans-1,3-Dichloropropene	10.58	75	3044	0.361 ug/L	93
47) Tetrachloroethene	10.87	164	684154	108.802 ug/L	97
49) 2-Hexanone	10.98	43	1259	0.586 ug/L #	86

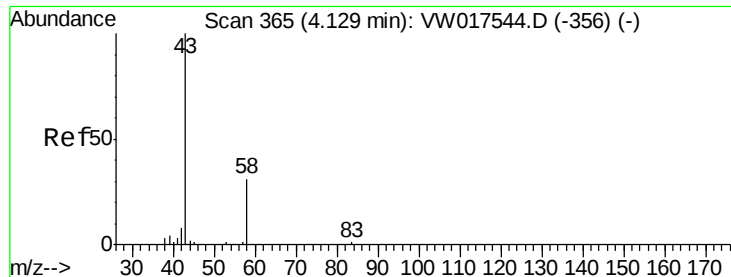
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 05 07:36:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.769 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 04 Dec 2020 11:20

Instrument :

MSVOA_W

ClientSampleId :

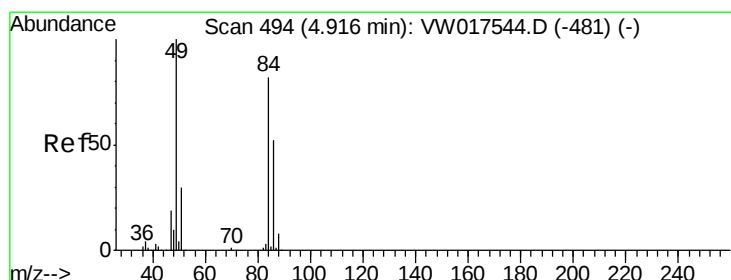
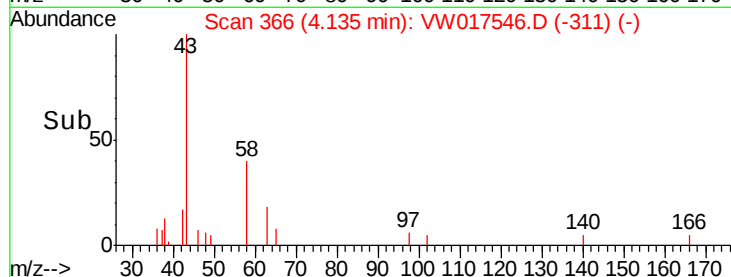
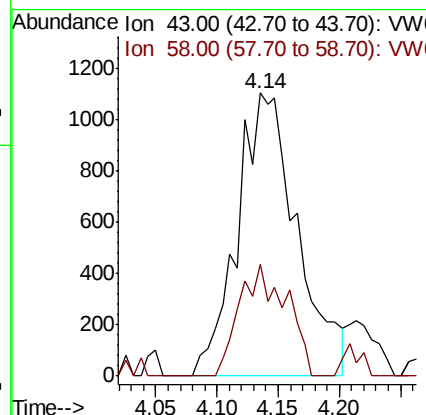
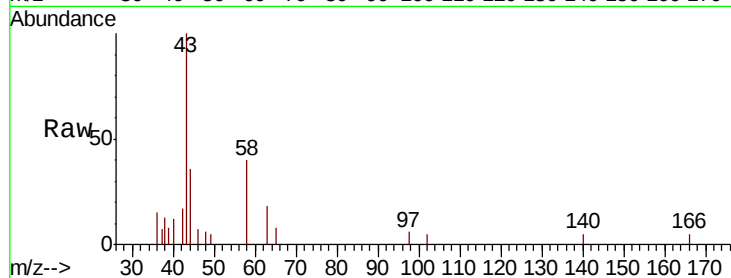
BG4F7

Tot Ion: 43 Resp: 3751

Ion Ratio Lower Upper

43 100

58 30.8 0.0 68.4



#16

Methylene chloride

Concen: 3.208 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017546.D

Acq: 04 Dec 2020 11:20

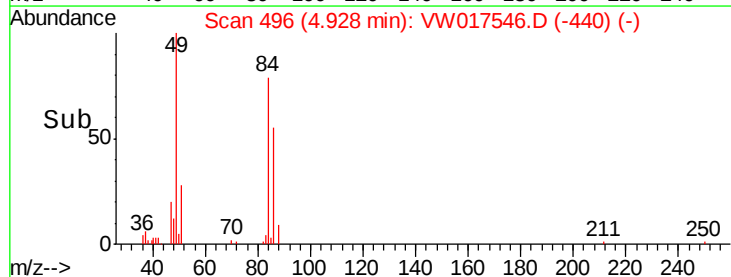
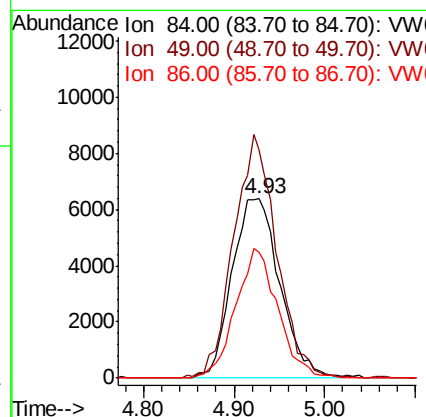
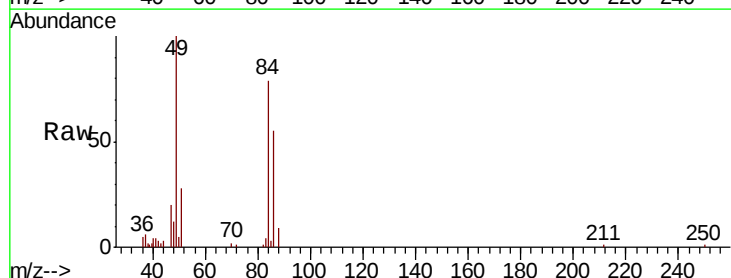
Tgt Ion: 84 Resp: 23333

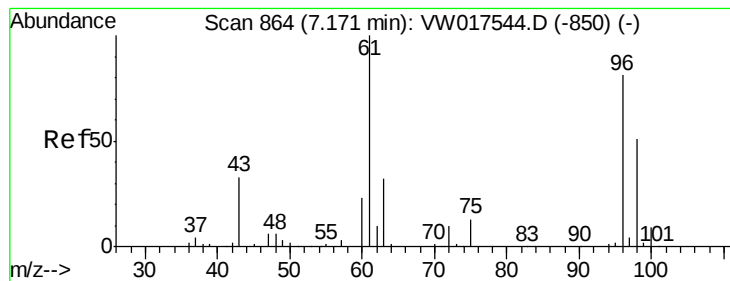
Ion Ratio Lower Upper

84 100

49 127.2 81.2 150.8

86 70.3 44.5 82.7





#21

2-Butanone

Concen: 1.039 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW017546.D

Acq: 04 Dec 2020 11:20

Instrument :

MSVOA_W

ClientSampleId :

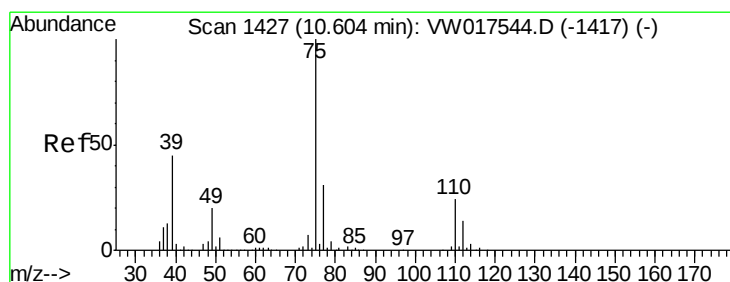
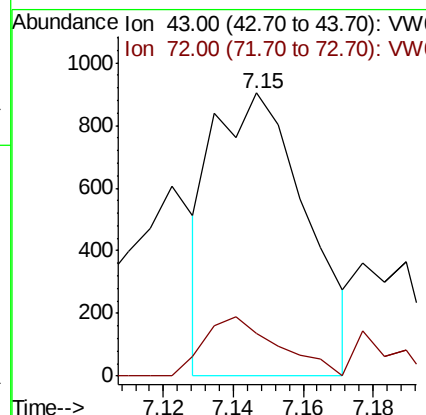
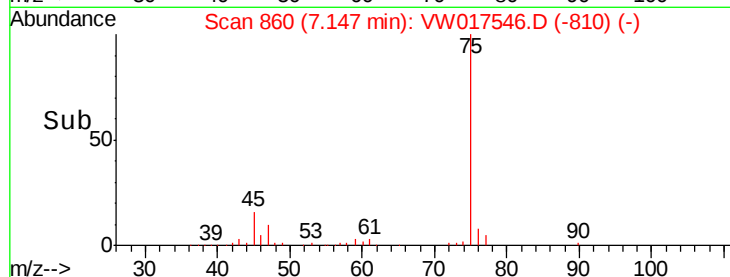
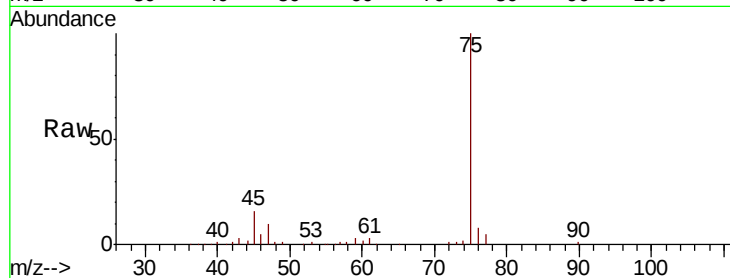
BG4F7

Tot Ion: 43 Resp: 1668

Ion Ratio Lower Upper

43 100

72 16.8 14.4 43.2



#45

trans-1,3-Dichloropropene

Concen: 0.361 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017546.D

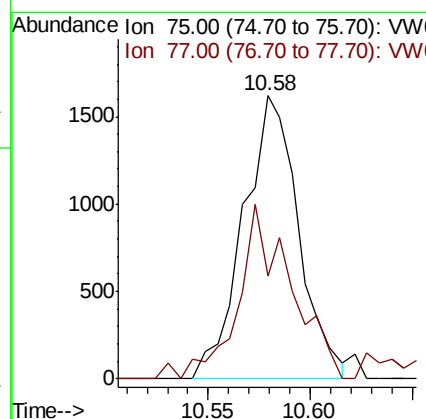
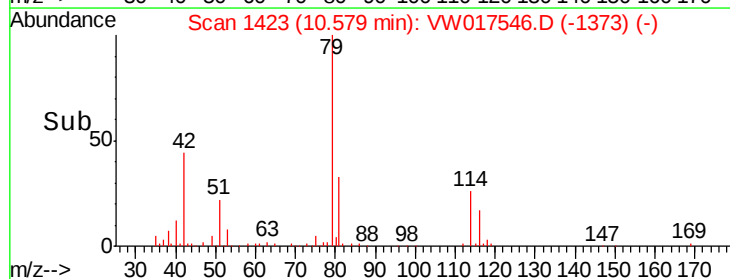
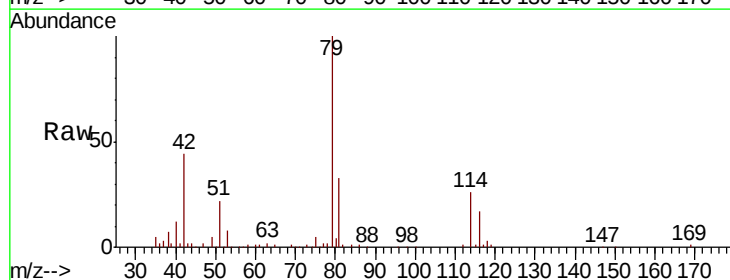
Acq: 04 Dec 2020 11:20

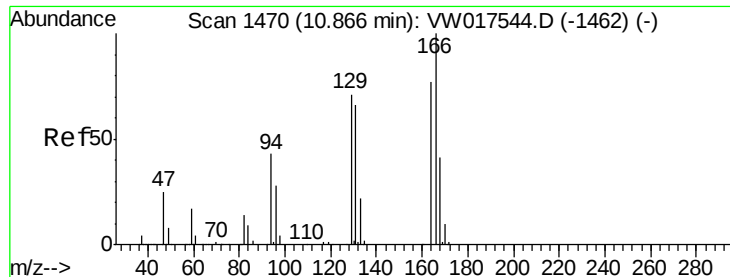
Tgt Ion: 75 Resp: 3044

Ion Ratio Lower Upper

75 100

77 36.3 22.6 42.0





#47

Tetrachloroethene

Concen: 108.802 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017546.D

Acq: 04 Dec 2020 11:20

Instrument :

MSVOA_W

ClientSampleId :

BG4F7

Tot Ion:164 Resp: 684154

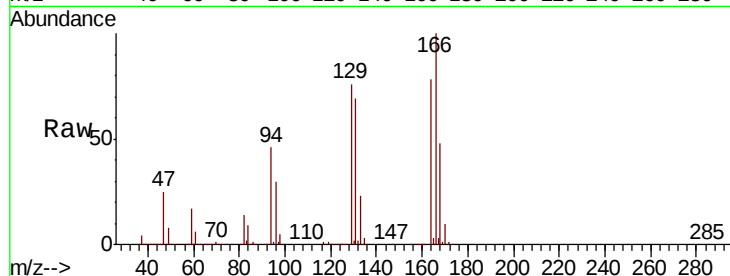
Ion Ratio Lower Upper

164 100

129 96.6 67.6 125.6

131 88.0 65.2 121.2

166 127.9 93.2 173.2

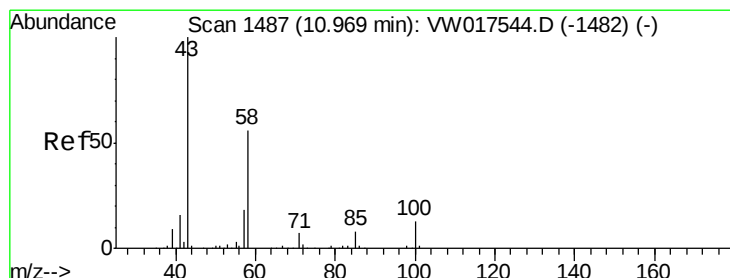
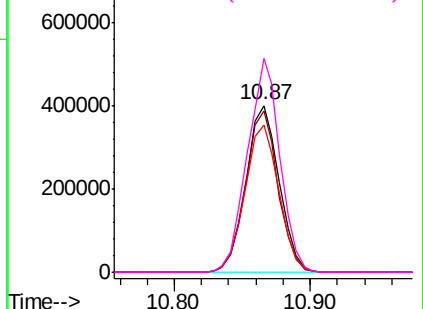
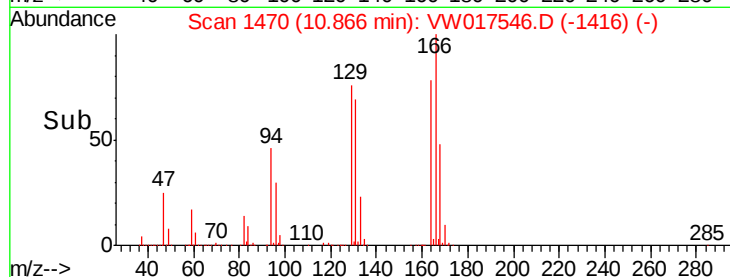


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 0.586 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017546.D

Acq: 04 Dec 2020 11:20

Tgt Ion: 43 Resp: 1259

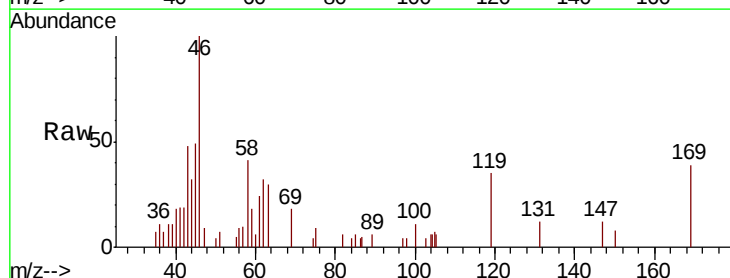
Ion Ratio Lower Upper

43 100

58 73.0 51.3 76.9

57 25.9 15.0 22.6#

100 24.4 12.2 18.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

