

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
 Data File : VU036466.D
 Acq On : 15 Jan 2020 13:04
 Operator : JC/MD
 Sample : L1090-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ6

Quant Time: Jan 15 14:43:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 14:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	437634	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	414339	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	165743	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148386	52.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.60%
7) Chloroethane-d5	1.93	69	128948	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.59	63	217810	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.96%
21) 2-Butanone-d5	4.68	46	269646	110.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	5.11	84	299376	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.75	65	212984	56.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.44%
32) Benzene-d6	5.77	84	607116	56.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.06%
36) 1,2-Dichloropropane-d6	6.73	67	196931	55.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.76%
41) Toluene-d8	7.93	98	573230	55.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.86%
43) trans-1,3-Dichloropropene-	8.21	79	103082	54.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.60%
47) 2-Hexanone-d5	8.67	63	207947	115.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	294086	55.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.96%
64) 1,2-Dichlorobenzene-d4	12.22	152	179067	54.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.70%

Target Compounds

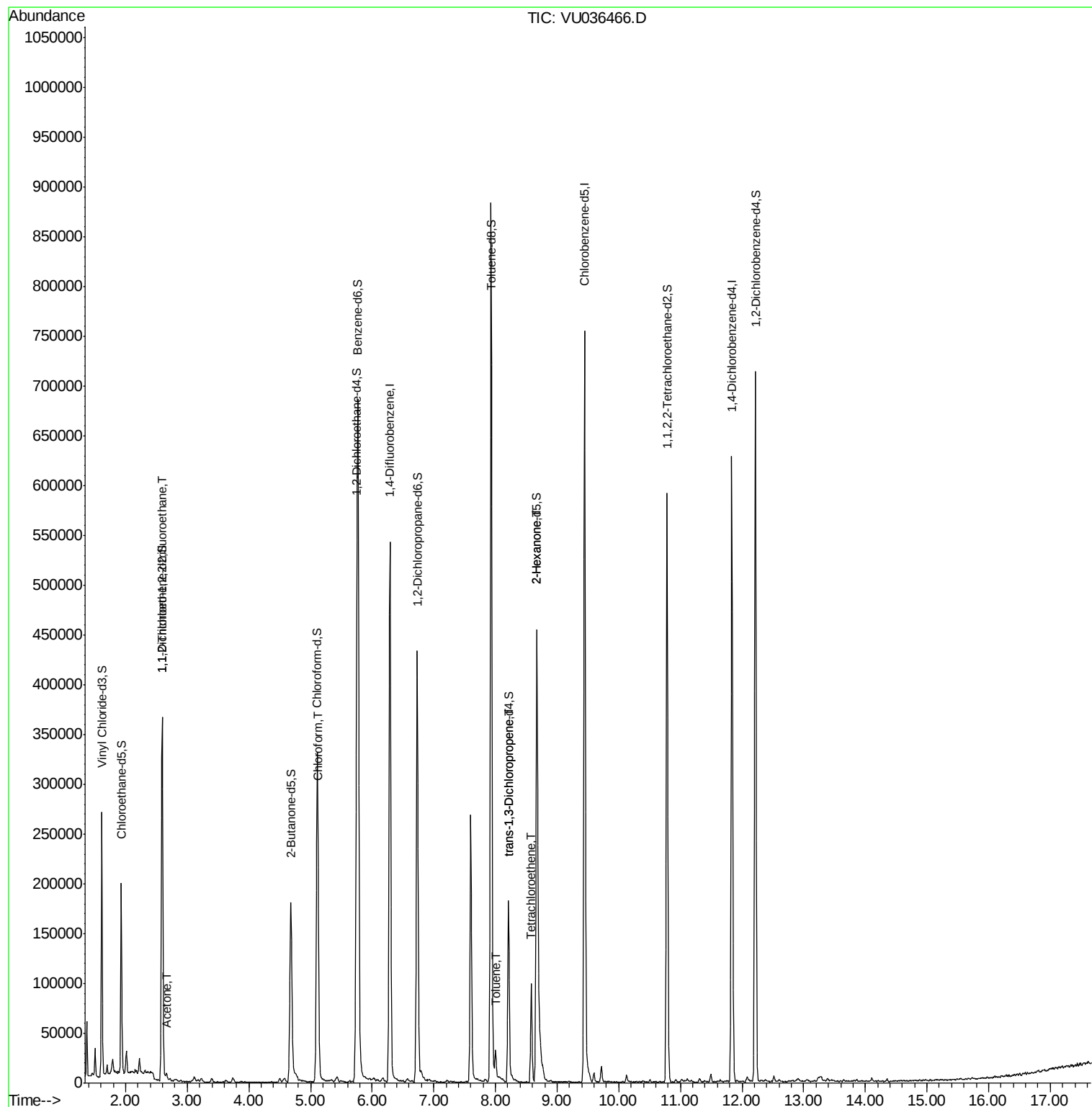
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2232	0.855	ug/L #	22
13) Acetone	2.66	43	7597	2.878	ug/L	94
25) Chloroform	5.13	83	12994	2.276	ug/L	94
42) Toluene	8.00	91	16385	1.267	ug/L	93
44) trans-1,3-Dichloropropene	8.21	75	5460	1.154	ug/L	85
46) Tetrachloroethene	8.58	164	18264	8.446	ug/L	81
48) 2-Hexanone	8.67	43	22501	5.605	ug/L #	56

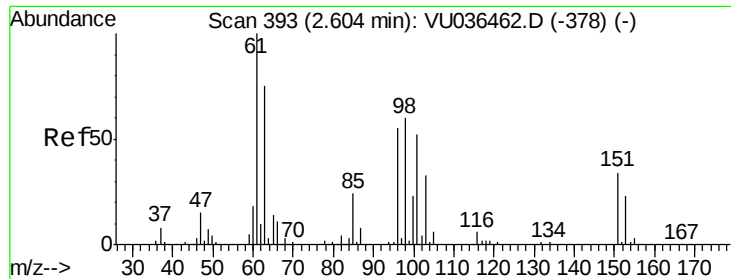
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 15 14:19:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.855 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036466.D

Acq: 15 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

ETOQ6

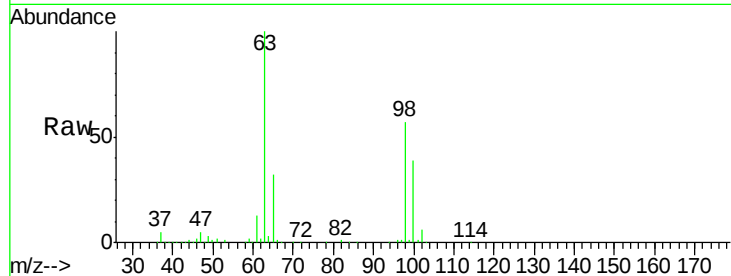
Tgt Ion:101 Resp: 2232

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

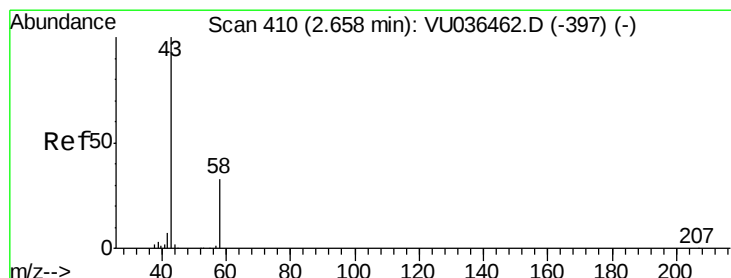
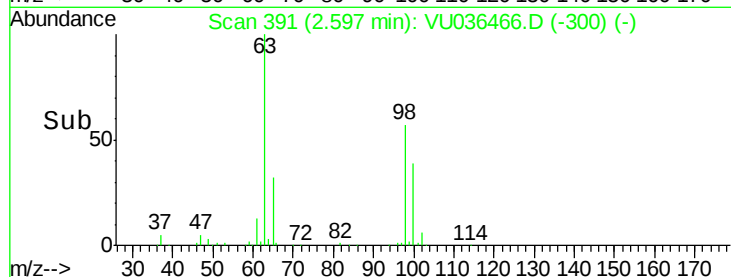
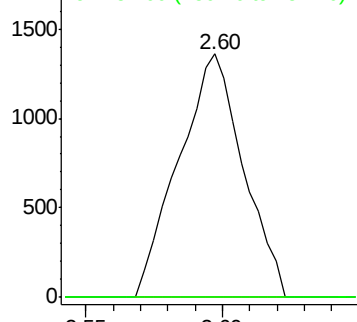
151 0.0 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.878 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036466.D

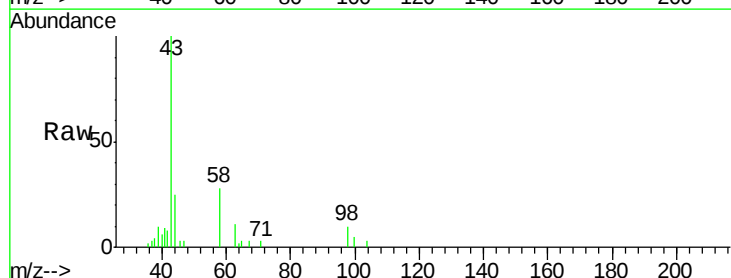
Acq: 15 Jan 2020 13:04

Tgt Ion: 43 Resp: 7597

Ion Ratio Lower Upper

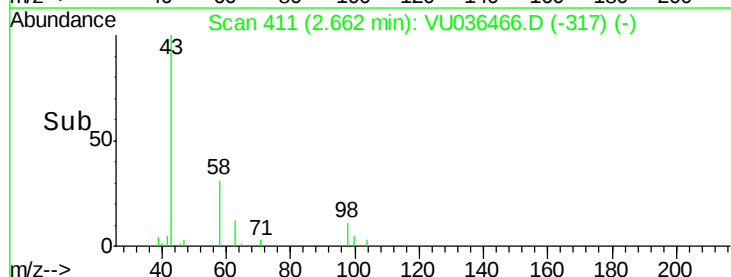
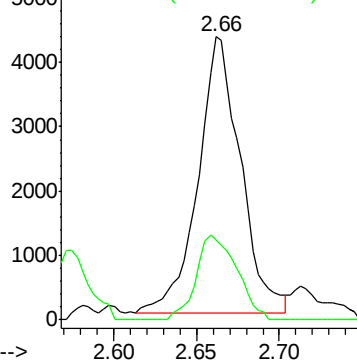
43 100

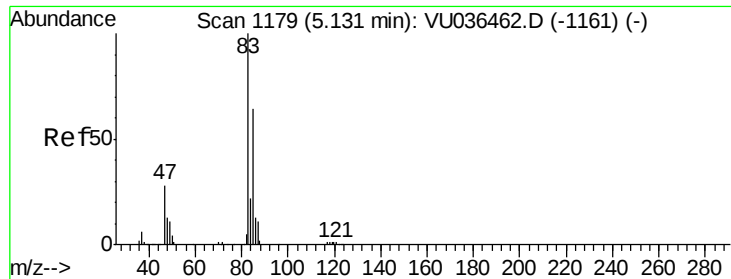
58 29.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#25

Chloroform

Concen: 2.276 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VU036466.D

Acq: 15 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

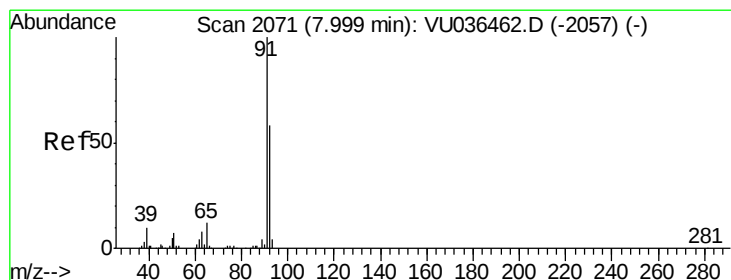
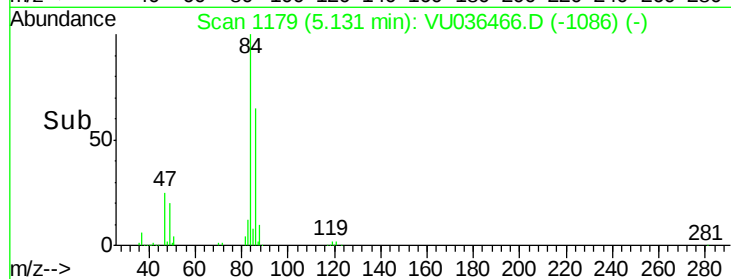
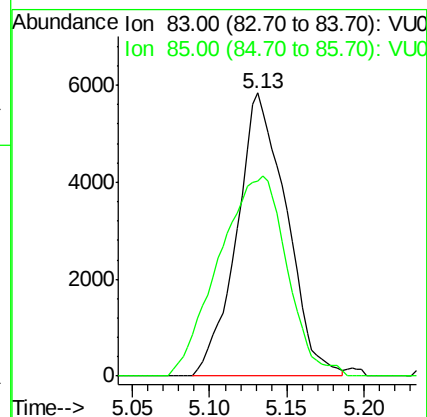
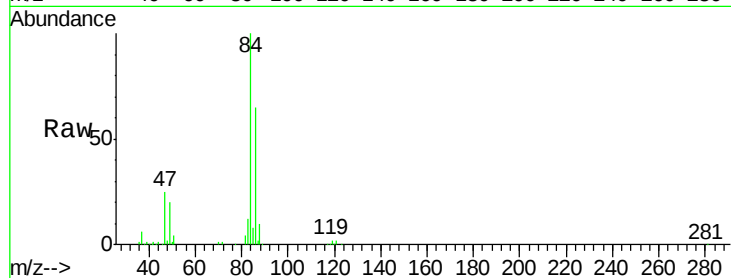
ETOQ6

Tgt Ion: 83 Resp: 12994

Ion Ratio Lower Upper

83 100

85 69.1 45.1 83.9



#42

Toluene

Concen: 1.267 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036466.D

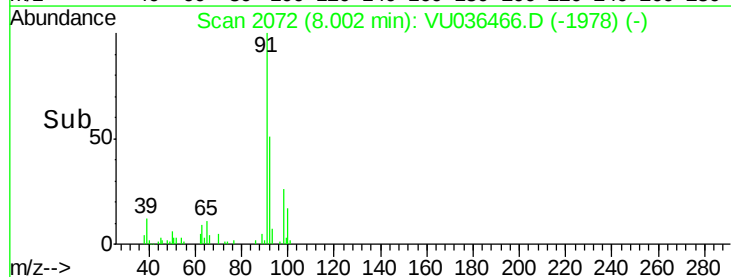
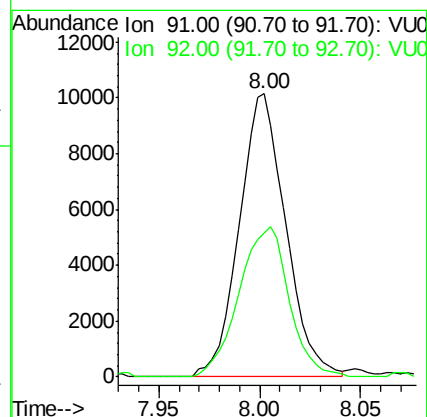
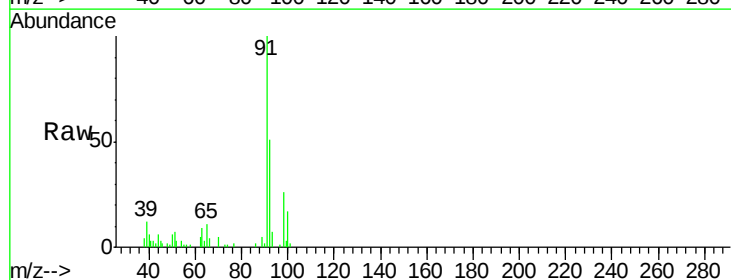
Acq: 15 Jan 2020 13:04

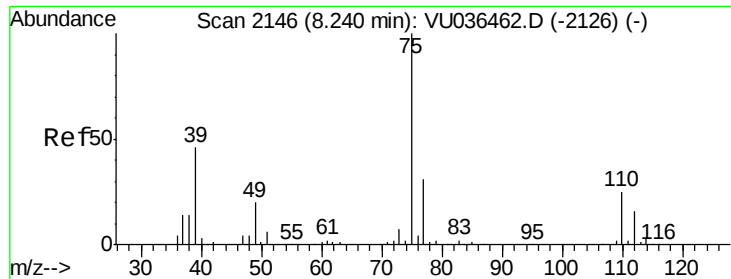
Tgt Ion: 91 Resp: 16385

Ion Ratio Lower Upper

91 100

92 51.0 39.5 73.3





#44

trans-1,3-Dichloropropene

Concen: 1.154 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036466.D

Acq: 15 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

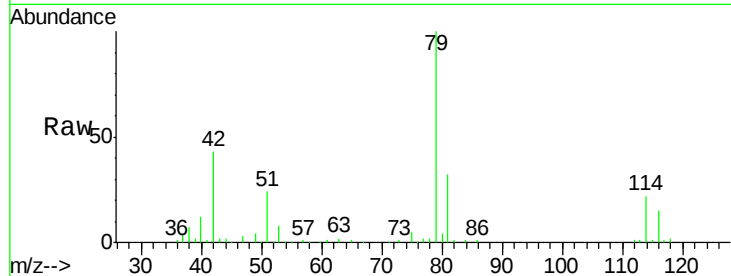
ETOQ6

Tgt Ion: 75 Resp: 5460

Ion Ratio Lower Upper

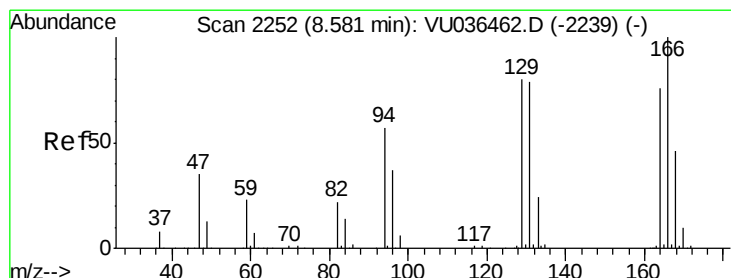
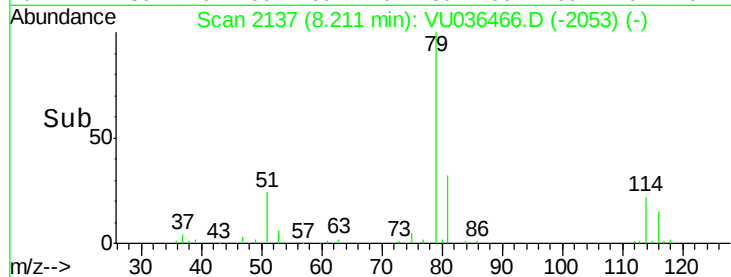
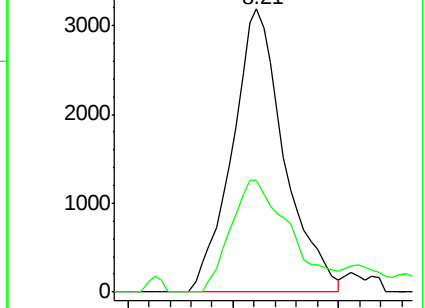
75 100

77 39.3 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU036466.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU036466.D (-2126) (-)



#46

Tetrachloroethene

Concen: 8.446 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036466.D

Acq: 15 Jan 2020 13:04

Tgt Ion:164 Resp: 18264

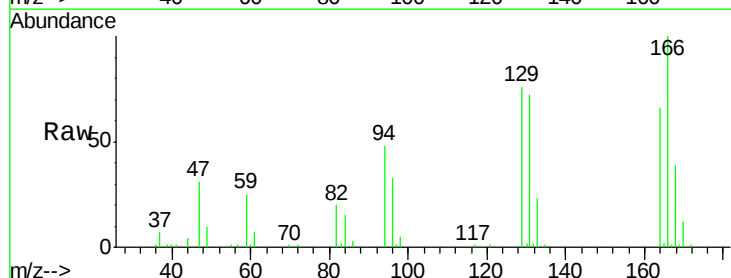
Ion Ratio Lower Upper

164 100

129 114.4 68.1 126.5

131 107.7 66.6 123.6

166 150.6 86.5 160.7

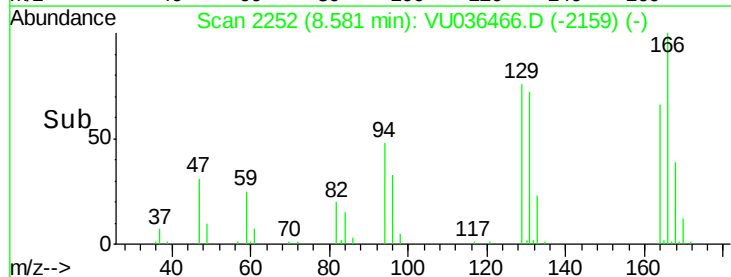
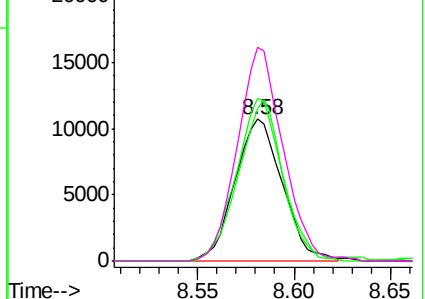


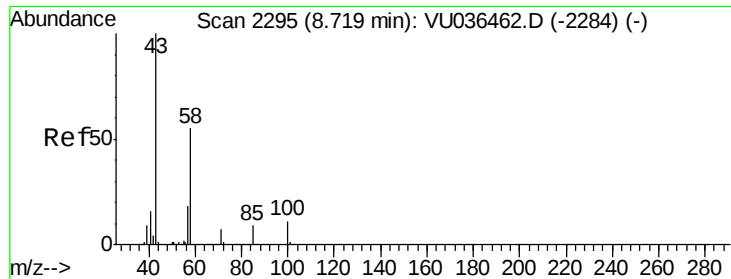
Abundance Ion 164.00 (163.70 to 164.70): VU036466.D (-2159) (-)

Ion 129.00 (128.70 to 129.70): VU036466.D (-2159) (-)

Ion 131.00 (130.70 to 131.70): VU036466.D (-2159) (-)

Ion 166.00 (165.70 to 166.70): VU036466.D (-2159) (-)





#48

2-Hexanone

Concen: 5.605 ug/L

RT: 8.67 min Scan# 2280

Delta R.T. -0.05 min

Lab File: VU036466.D

Acq: 15 Jan 2020 13:04

Instrument :
MSVOA_U
ClientSampleId :
ETOQ6

Tgt Ion: 43 Resp: 22501

Ion Ratio Lower Upper

43 100

58 12.5 43.7 65.5#

57 22.1 14.7 22.1#

100 0.0 9.4 14.0#

