

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011320\
 Data File : VU036445.D
 Acq On : 13 Jan 2020 19:03
 Operator : JC/MD
 Sample : L1090-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ3

Quant Time: Jan 14 16:24:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 14 16:20:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	527216	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	495046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	182288	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132523	32.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.52%
7) Chloroethane-d5	1.93	69	132579	38.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.52%
11) 1,1-Dichloroethene-d2	2.59	63	224709	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.22%
21) 2-Butanone-d5	4.68	46	311714	101.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.89%
24) Chloroform-d	5.11	84	347691	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
26) 1,2-Dichloroethane-d4	5.75	65	231132	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
32) Benzene-d6	5.77	84	653740	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.73	67	222619	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.32%
41) Toluene-d8	7.93	98	611110	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%
43) trans-1,3-Dichloropropene-	8.21	79	109683	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.46%
47) 2-Hexanone-d5	8.67	63	225143	94.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	333013	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	191686	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

Target Compounds

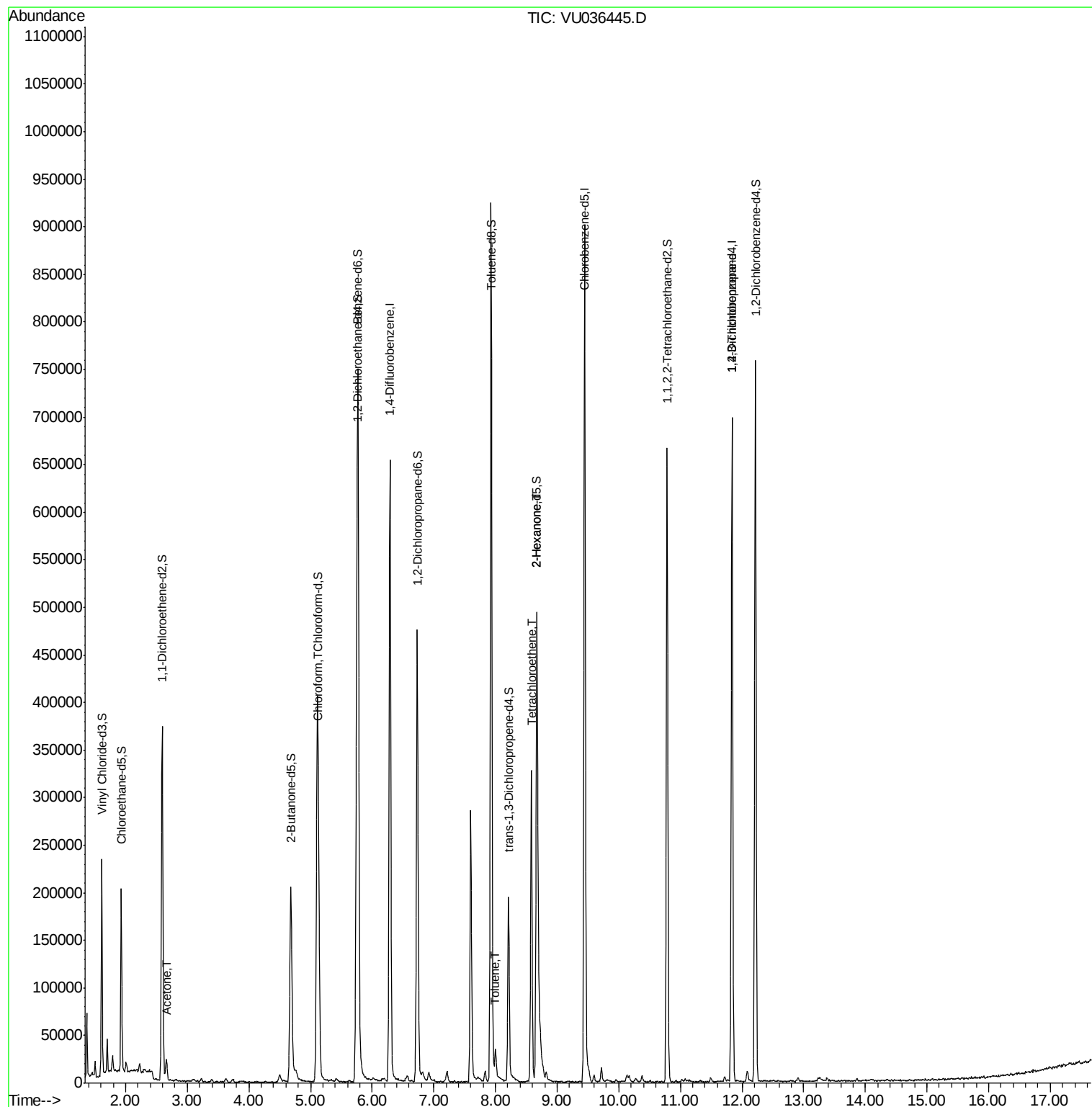
					Qvalue
13) Acetone	2.66	43	22693	7.152	ug/L 96
25) Chloroform	5.13	83	110283	15.677	ug/L 98
42) Toluene	8.00	91	19066	1.191	ug/L 93
46) Tetrachloroethene	8.58	164	64211	23.804	ug/L 97
48) 2-Hexanone	8.67	43	23492	4.563	ug/L # 64
59) 1,2,3-Trichloropropane	11.83	75	25697	4.651	ug/L 90

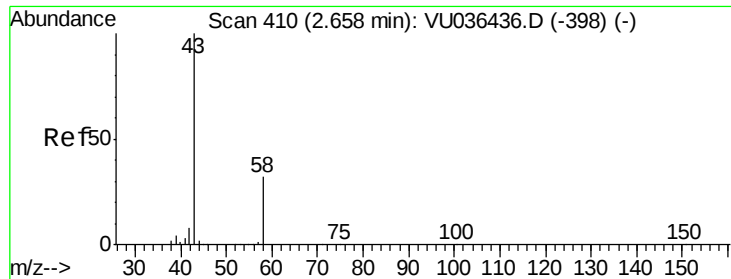
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 14 16:20:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.152 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036445.D

Acq: 13 Jan 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

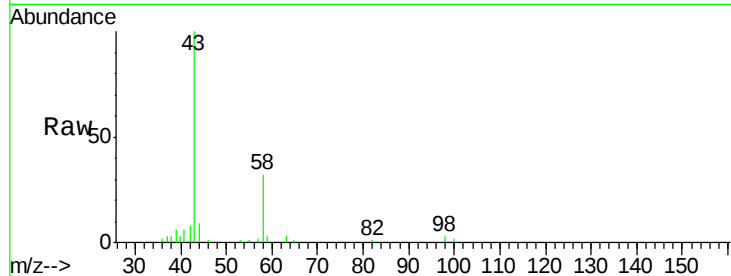
ETOQ3

Tgt Ion: 43 Resp: 22693

Ion Ratio Lower Upper

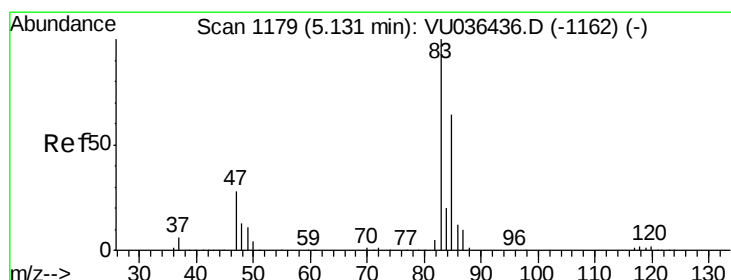
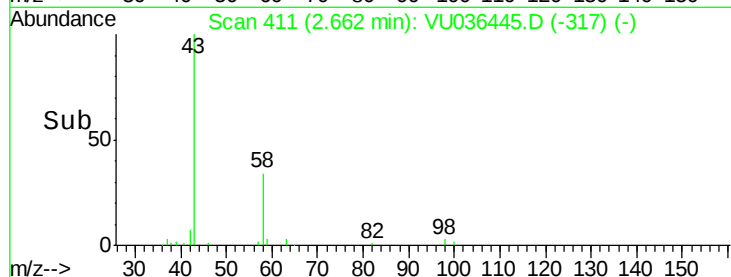
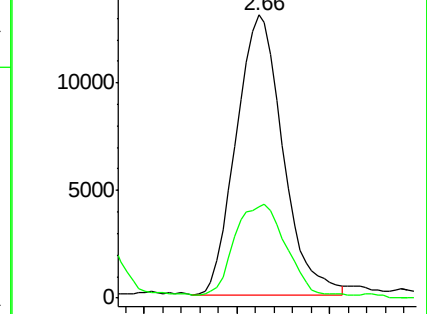
43 100

58 35.2 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036445.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036445.D (-317) (-)



#25

Chloroform

Concen: 15.677 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036445.D

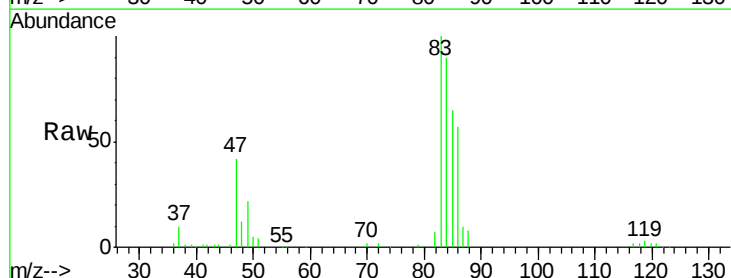
Acq: 13 Jan 2020 19:03

Tgt Ion: 83 Resp: 110283

Ion Ratio Lower Upper

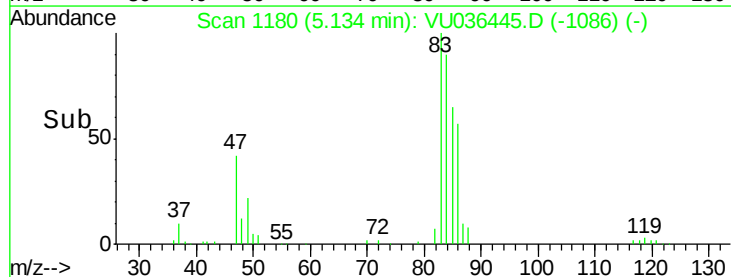
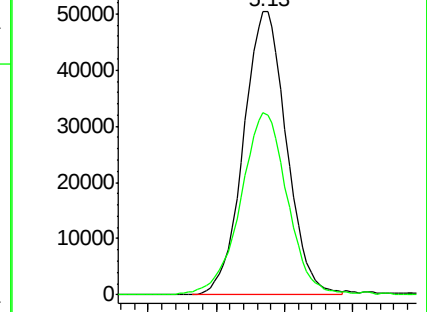
83 100

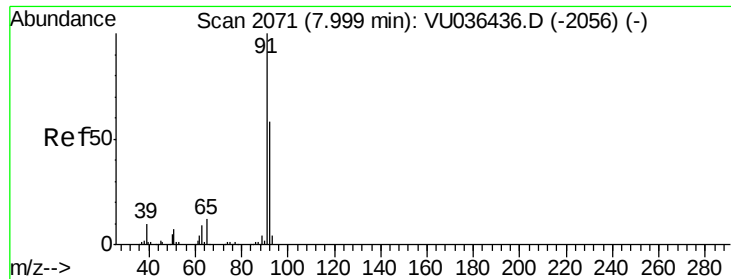
85 64.5 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036445.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036445.D (-1086) (-)





#42

Toluene

Concen: 1.191 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036445.D

Acq: 13 Jan 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

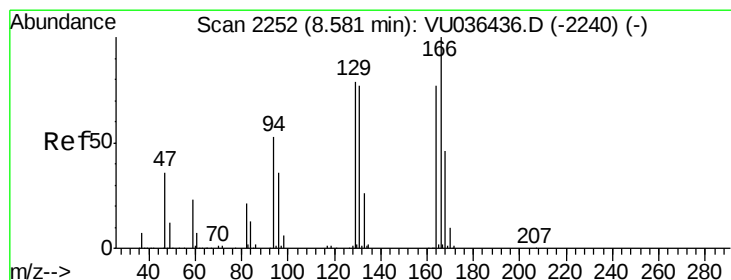
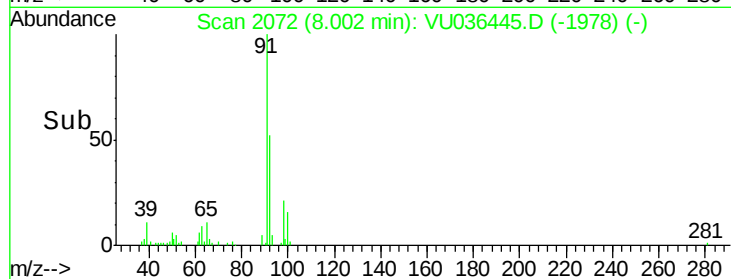
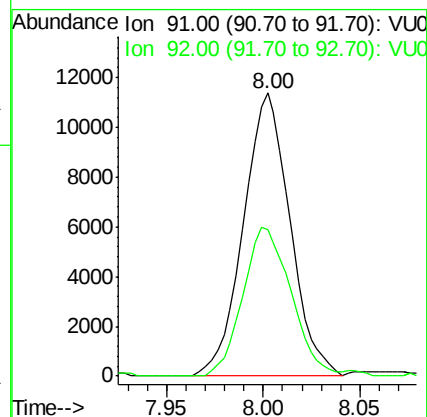
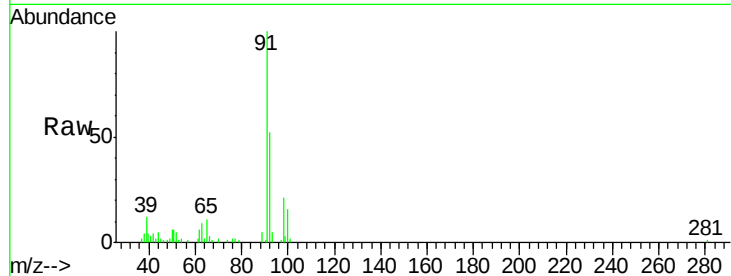
ETOQ3

Tgt Ion: 91 Resp: 19066

Ion Ratio Lower Upper

91 100

92 51.8 39.8 74.0



#46

Tetrachloroethene

Concen: 23.804 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU036445.D

Acq: 13 Jan 2020 19:03

Tgt Ion: 164 Resp: 64211

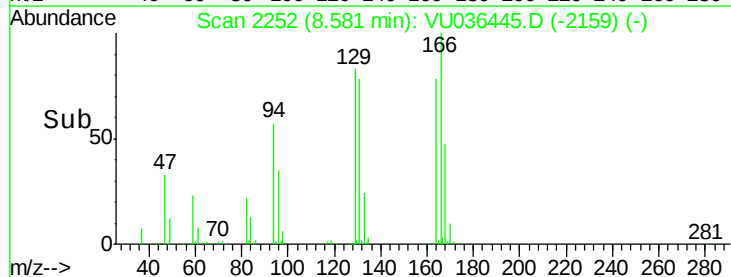
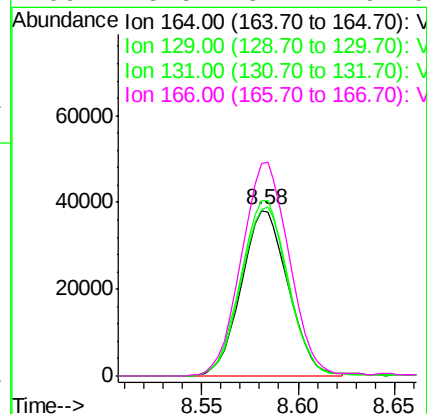
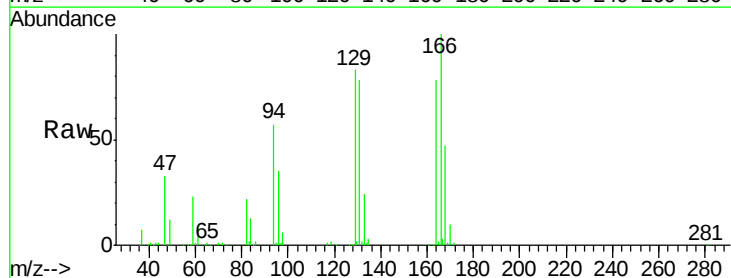
Ion Ratio Lower Upper

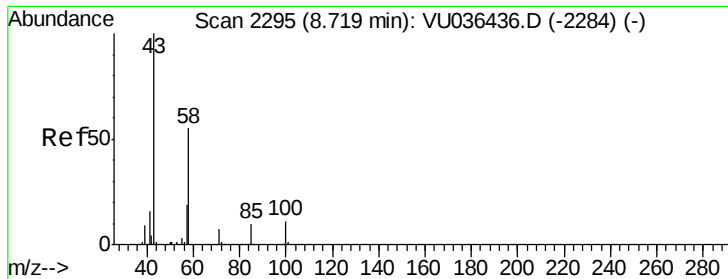
164 100

129 106.1 70.0 130.0

131 100.7 70.1 130.1

166 128.5 87.2 161.9

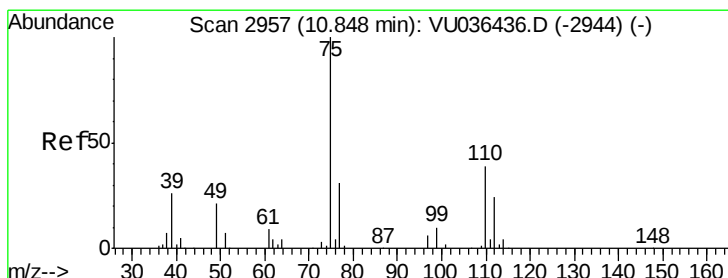
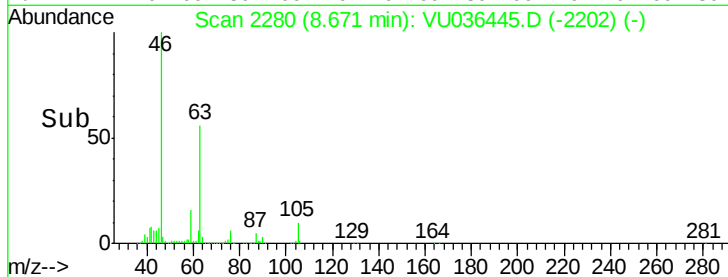
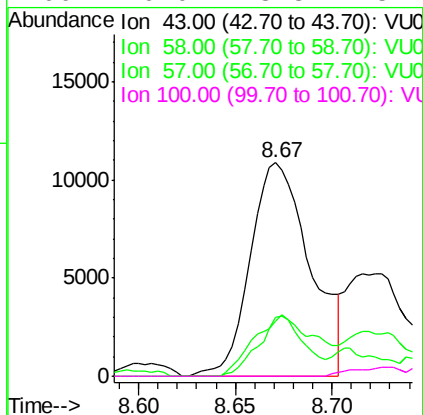
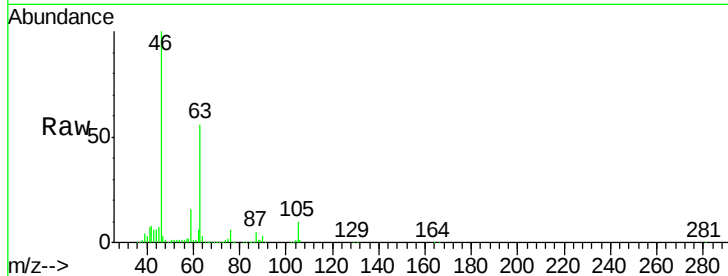




#48
 2-Hexanone
 Concen: 4.563 ug/L
 RT: 8.67 min Scan# 2280
 Delta R.T. -0.05 min
 Lab File: VU036445.D
 Acq: 13 Jan 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ3

Tgt Ion:	43	Resp:	23492
Ion	Ratio	Lower	Upper
43	100		
58	20.1	42.2	63.4#
57	23.9	14.8	22.2#
100	0.0	8.8	13.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.651 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036445.D
 Acq: 13 Jan 2020 19:03

Tgt Ion:	75	Resp:	25697
Ion	Ratio	Lower	Upper
75	100		
77	38.7	26.3	39.5

