

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039522.D
 Acq On : 16 Jul 2020 14:33
 Operator : SY/MD
 Sample : L3292-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA0

Quant Time: Jul 17 02:03:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	99524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21177	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.93	69	25869	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.58	63	35679	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	107064	40.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.14%
24) Chloroform-d	5.08	84	51872	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.72	65	33392	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.75	84	101811	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.71	67	35212	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.91	98	87329	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	13549	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.64	63	76723	35.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30562	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	34747	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

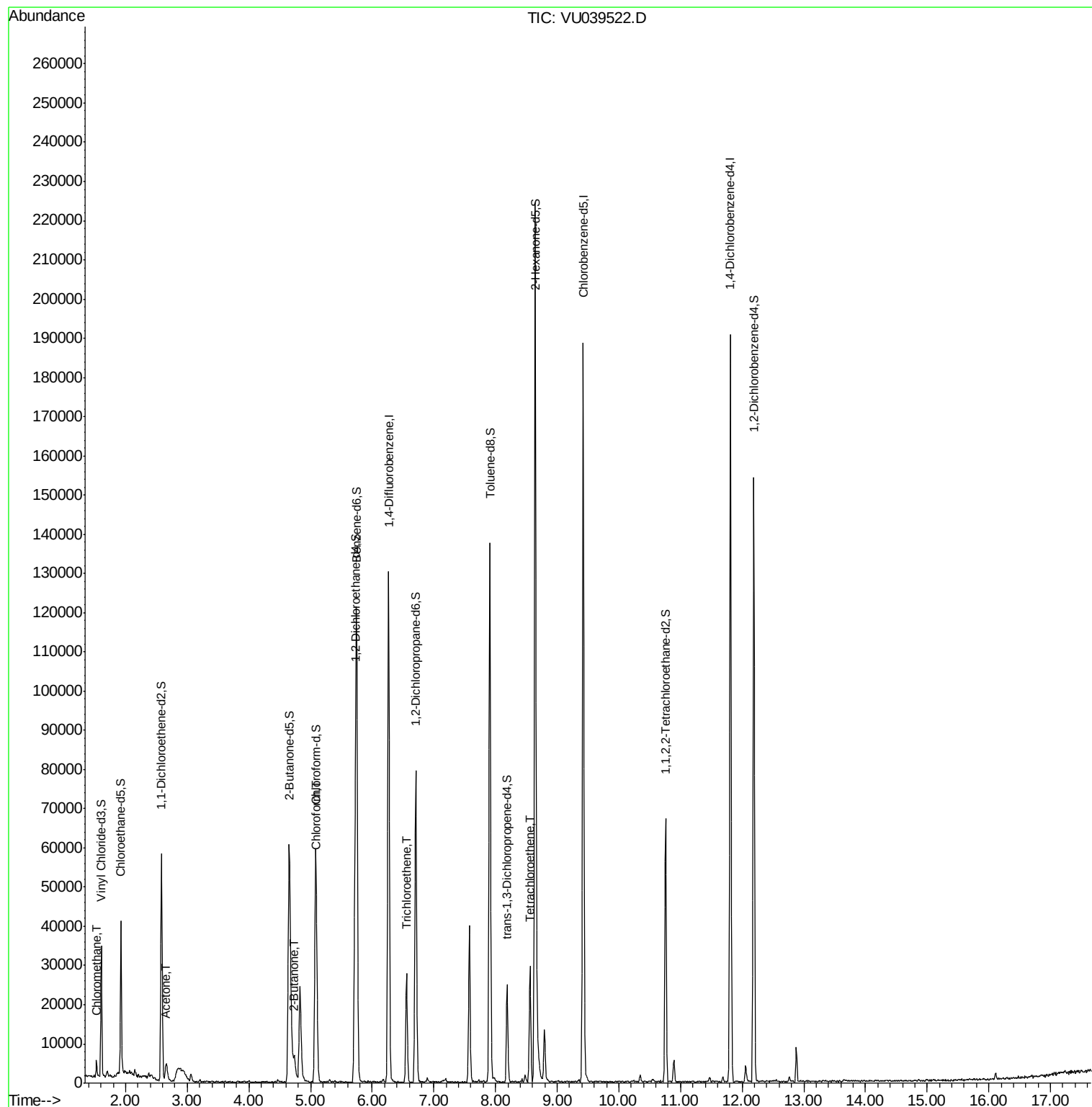
					Ovalue
3) Chloromethane	1.53	50	2769	0.379 ug/L	95
13) Acetone	2.66	43	7690	5.398 ug/L	97
21) 2-Butanone	4.74	43	7739	3.044 ug/L	95
25) Chloroform	5.11	83	3808	0.294 ug/L	98
34) Trichloroethene	6.56	95	8711	1.169 ug/L	96
47) Tetrachloroethene	8.56	164	5555	1.072 ug/L	95

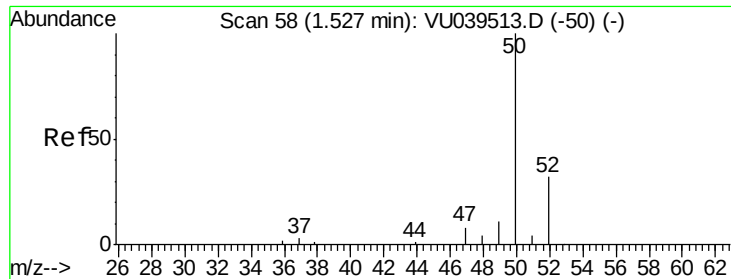
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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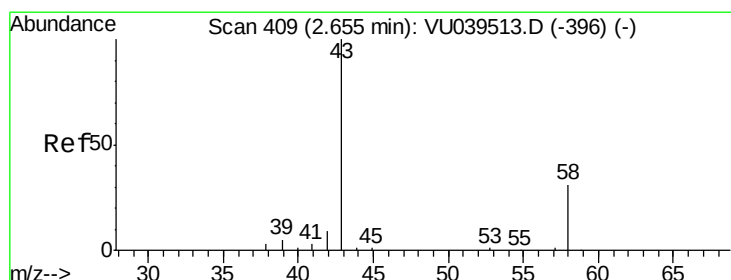
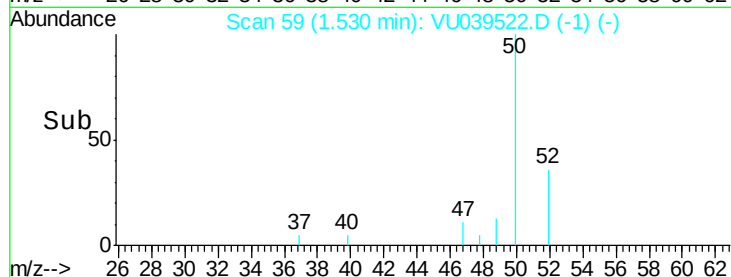
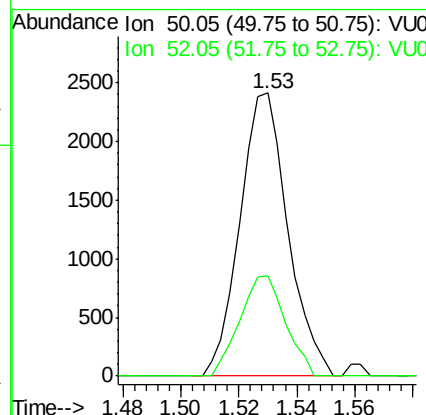
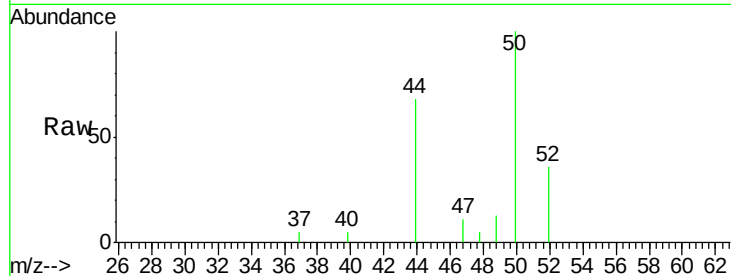




#3
 Chloromethane
 Concen: 0.379 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU039522.D
 Acq: 16 Jul 2020 14:33

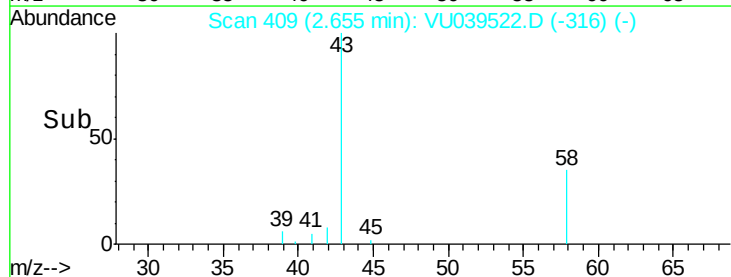
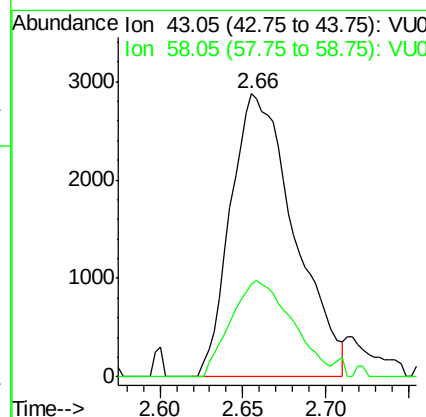
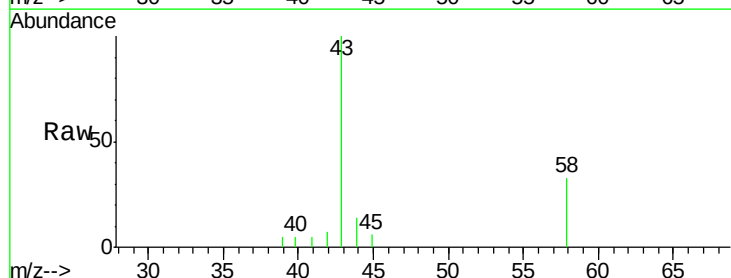
Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA0

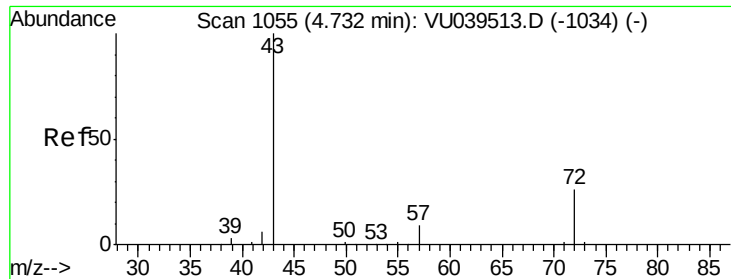
Tot Ion: 50 Resp: 2769
 Ion Ratio Lower Upper
 50 100
 52 35.7 23.0 42.8



#13
 Acetone
 Concen: 5.398 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VU039522.D
 Acq: 16 Jul 2020 14:33

Tgt Ion: 43 Resp: 7690
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 62.8





#21

2-Butanone

Concen: 3.044 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039522.D

Acq: 16 Jul 2020 14:33

Instrument :

MSVOA_U

ClientSampled :

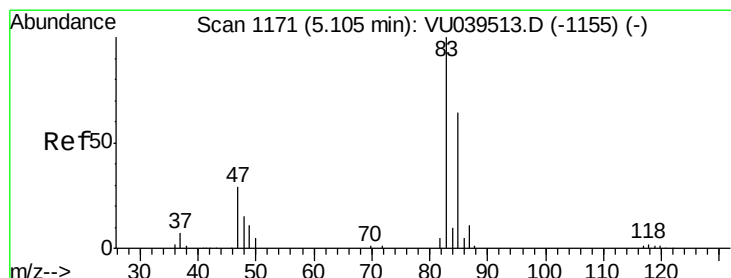
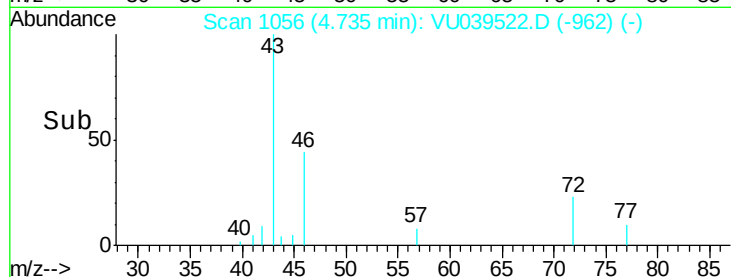
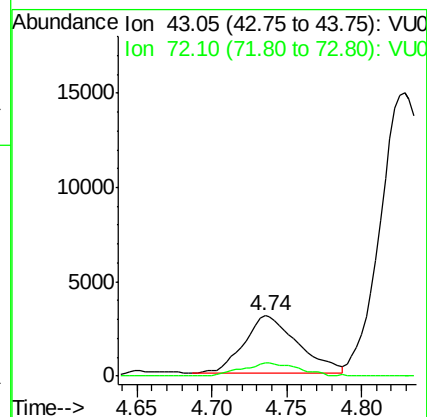
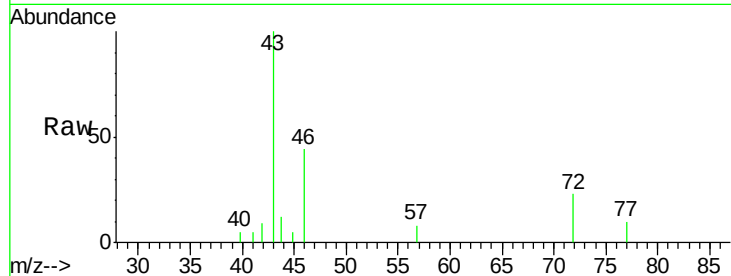
BFTA0

Tot Ion: 43 Resp: 7739

Ion Ratio Lower Upper

43 100

72 24.0 13.2 39.5



#25

Chloroform

Concen: 0.294 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039522.D

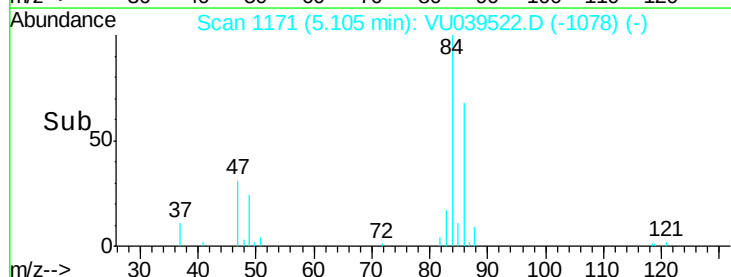
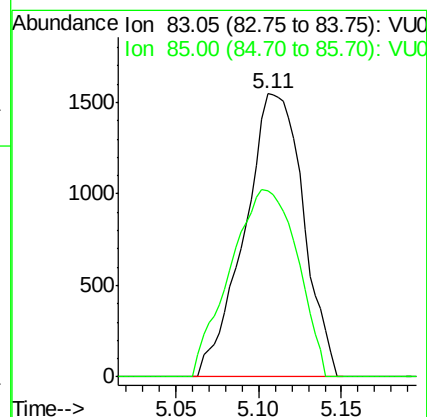
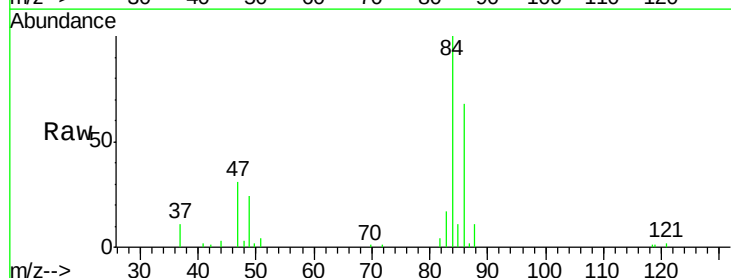
Acq: 16 Jul 2020 14:33

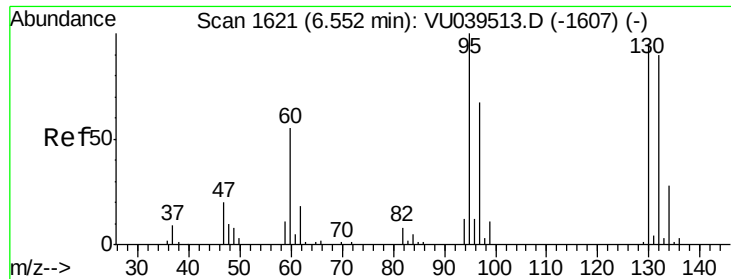
Tgt Ion: 83 Resp: 3808

Ion Ratio Lower Upper

83 100

85 65.6 44.9 83.5





#34

Trichloroethene

Concen: 1.169 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039522.D

Acq: 16 Jul 2020 14:33

Instrument :

MSVOA_U

ClientSampleId :

BFTA0

Tot Ion: 95 Resp: 8711

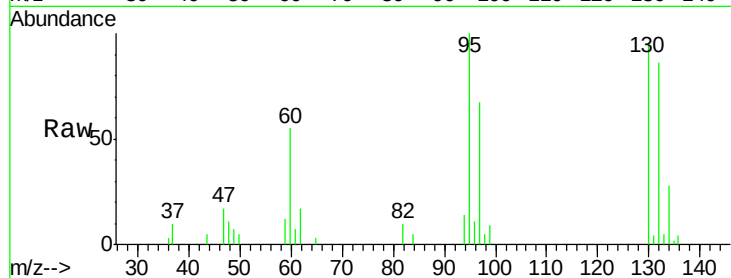
Ion Ratio Lower Upper

95 100

97 66.6 46.3 85.9

132 86.1 64.0 118.8

130 96.1 64.3 119.5

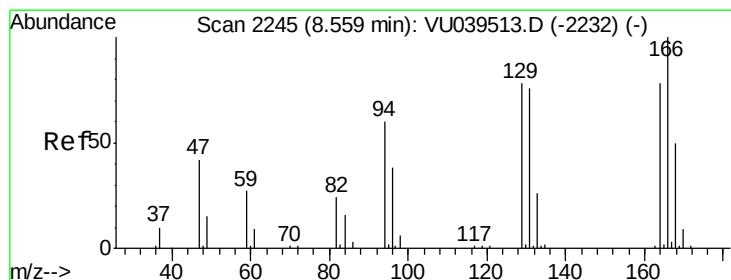
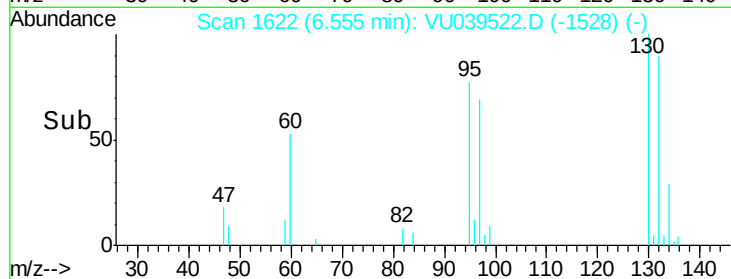
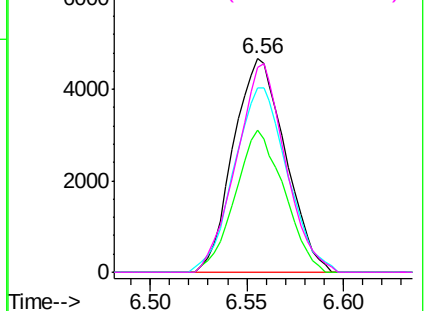


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.072 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039522.D

Acq: 16 Jul 2020 14:33

Tgt Ion: 164 Resp: 5555

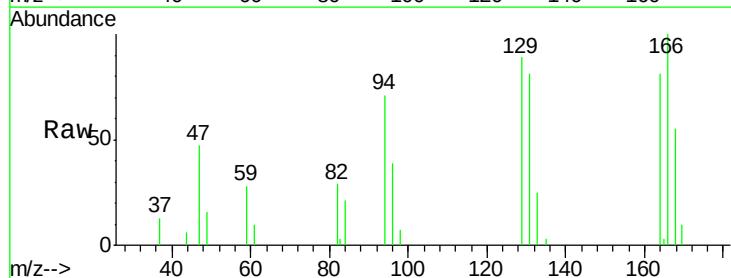
Ion Ratio Lower Upper

164 100

129 109.8 68.6 127.4

131 100.2 66.4 123.4

166 123.1 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

