

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039542.D
 Acq On : 17 Jul 2020 11:25
 Operator : SY/MD
 Sample : L3292-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT96

Quant Time: Jul 18 00:07:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	78887	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20495	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	22803	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	32653	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.65	46	97572	46.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	5.09	84	49315	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	31870	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.74	84	96200	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.71	67	33178	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	83199	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	8.19	79	12803	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	70268	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29058	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33901	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

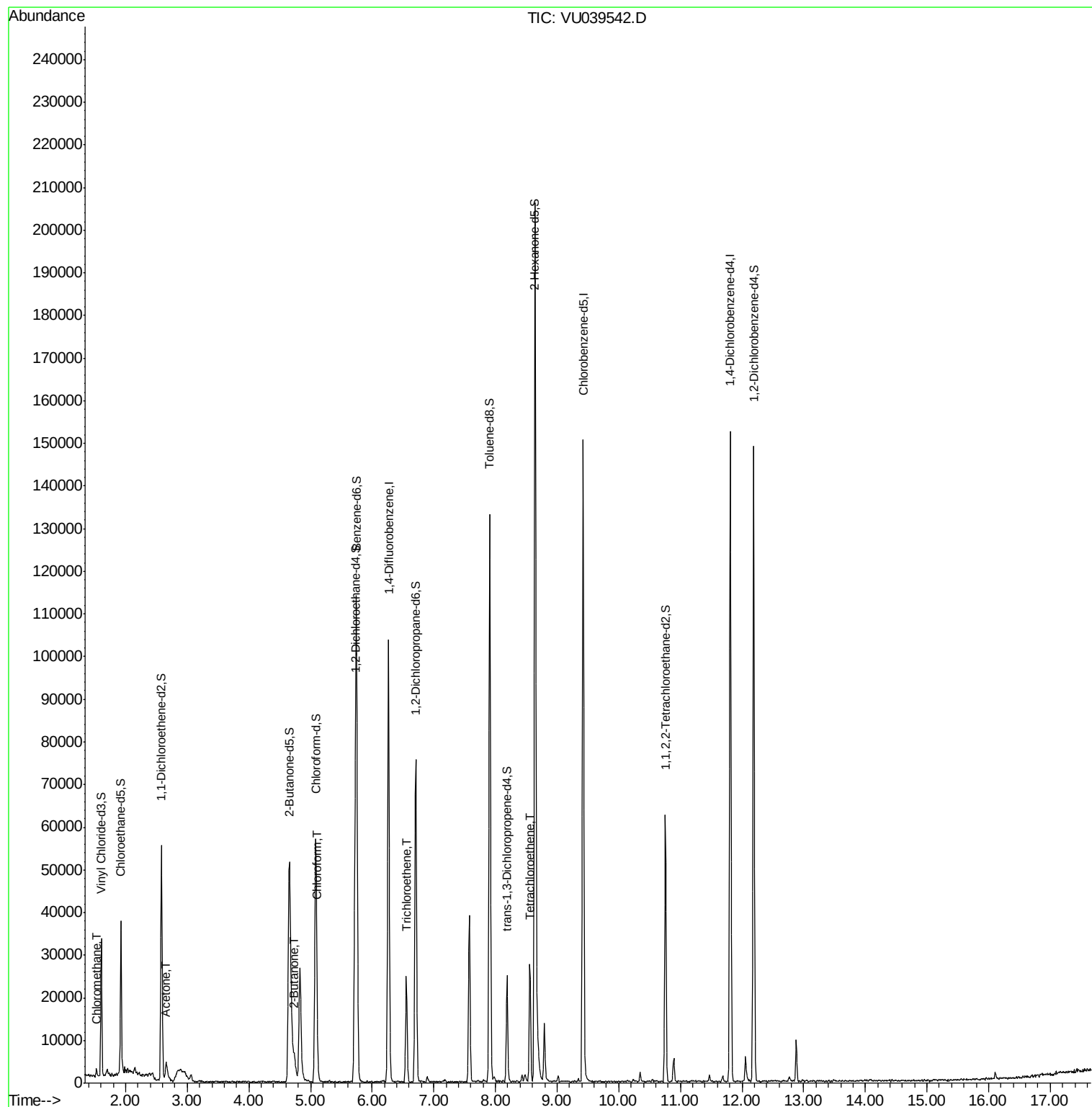
					Ovalue
3) Chloromethane	1.53	50	1258	0.217 ug/L	97
13) Acetone	2.66	43	7724	6.840 ug/L	81
21) 2-Butanone	4.74	43	7929	3.934 ug/L	99
25) Chloroform	5.11	83	3393	0.331 ug/L	98
34) Trichloroethene	6.56	95	7459	1.291 ug/L	93
47) Tetrachloroethene	8.56	164	5194	1.292 ug/L	88

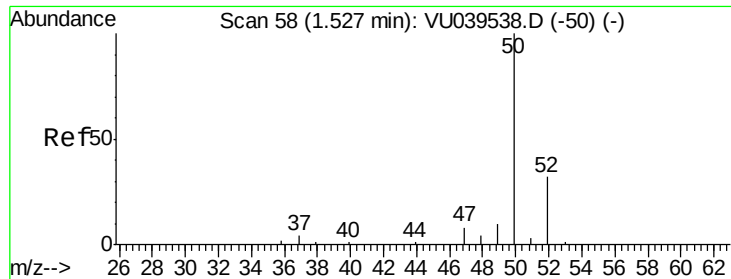
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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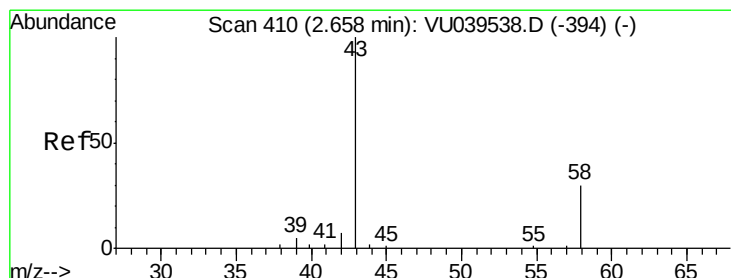
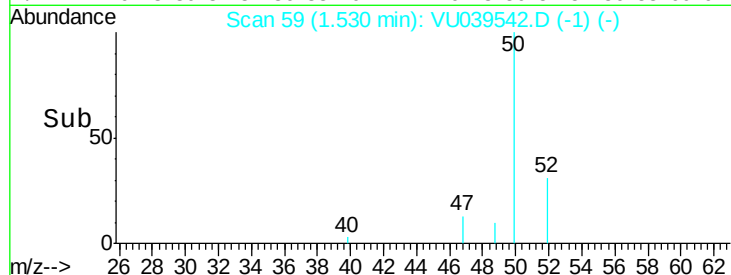
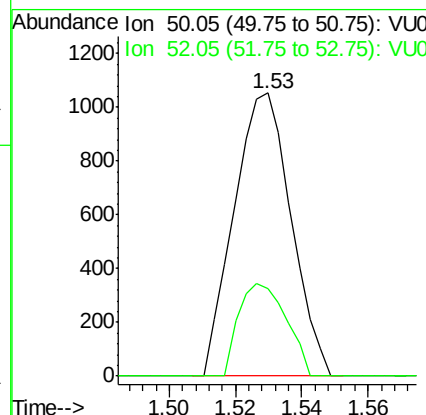
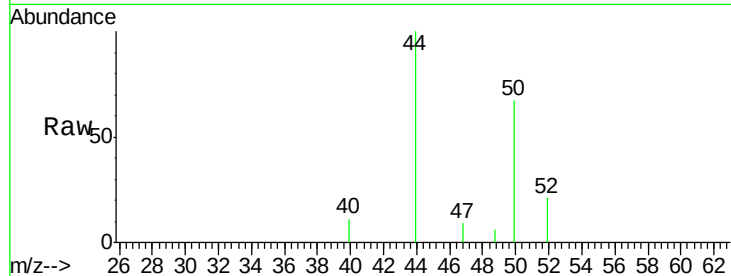




#3
 Chloromethane
 Concen: 0.217 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU039542.D
 Acq: 17 Jul 2020 11:25

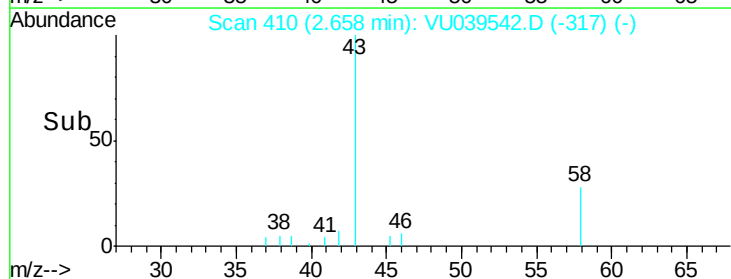
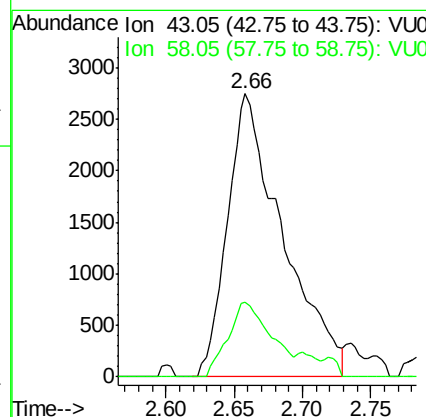
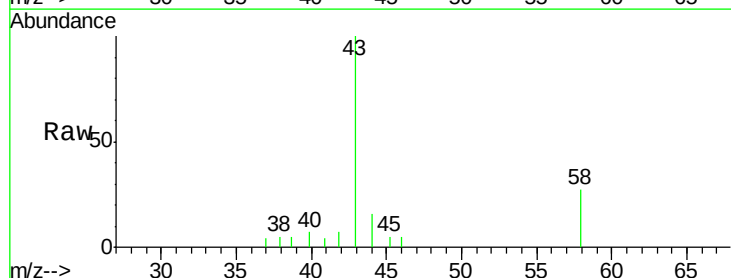
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT96

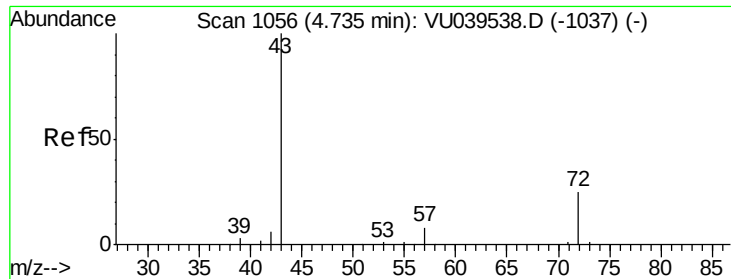
Tot Ion: 50 Resp: 1258
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.0 42.8



#13
 Acetone
 Concen: 6.840 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU039542.D
 Acq: 17 Jul 2020 11:25

Tgt Ion: 43 Resp: 7724
 Ion Ratio Lower Upper
 43 100
 58 20.8 0.0 62.8





#21

2-Butanone

Concen: 3.934 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VU039542.D

Acq: 17 Jul 2020 11:25

Instrument :

MSVOA_U

ClientSampled :

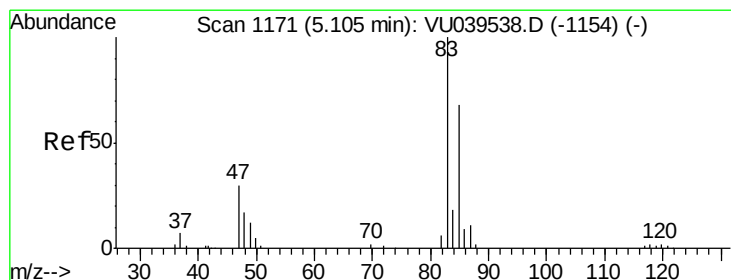
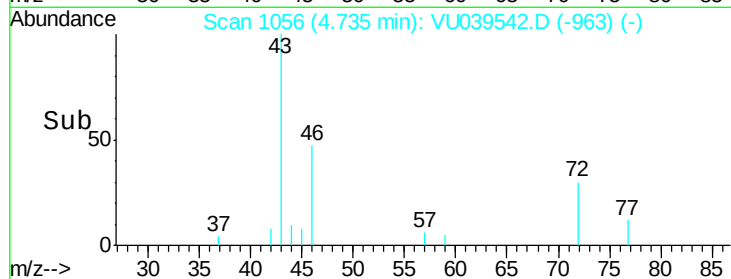
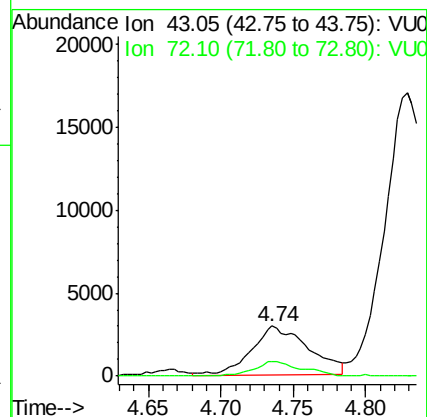
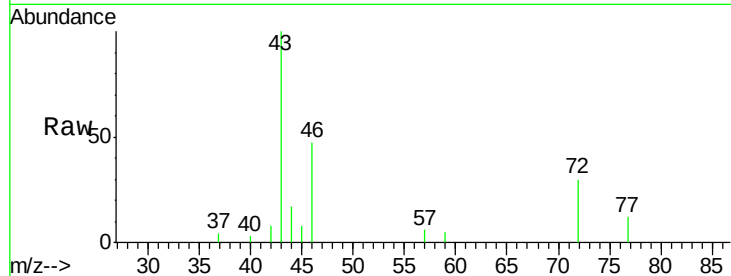
BFT96

Tot Ion: 43 Resp: 7929

Ion Ratio Lower Upper

43 100

72 25.9 13.2 39.5



#25

Chloroform

Concen: 0.331 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039542.D

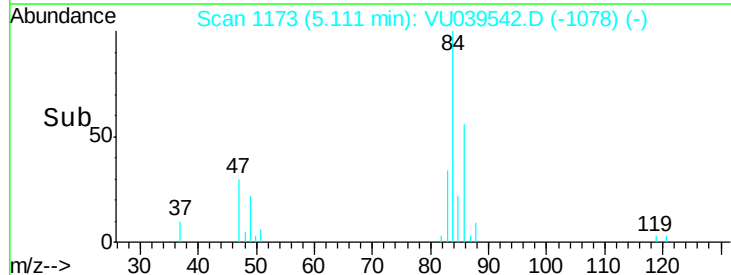
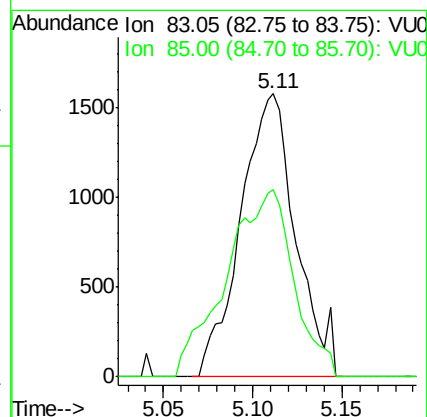
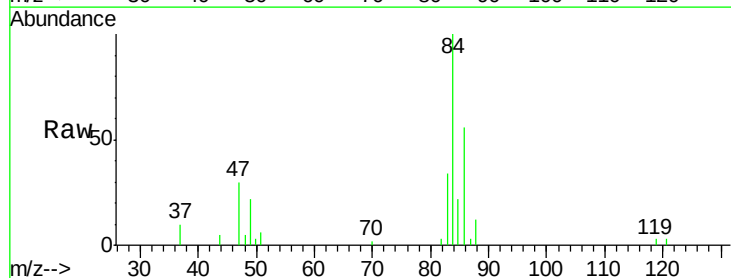
Acq: 17 Jul 2020 11:25

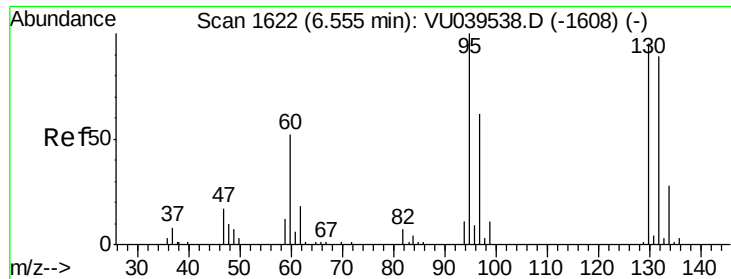
Tgt Ion: 83 Resp: 3393

Ion Ratio Lower Upper

83 100

85 66.0 44.9 83.5





#34

Trichloroethene

Concen: 1.291 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

Lab File: VU039542.D

Acq: 17 Jul 2020 11:25

Instrument :

MSVOA_U

ClientSampleId :

BFT96

Tot Ion: 95 Resp: 7459

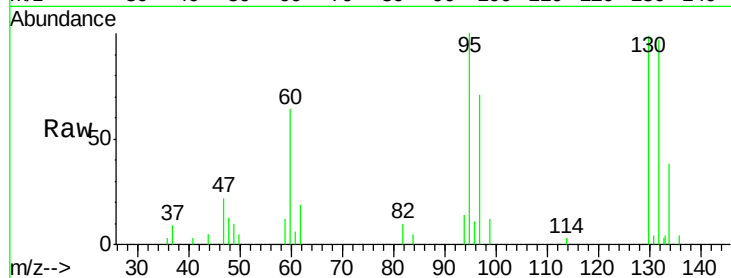
Ion Ratio Lower Upper

95 100

97 71.2 46.3 85.9

132 97.1 64.0 118.8

130 99.1 64.3 119.5

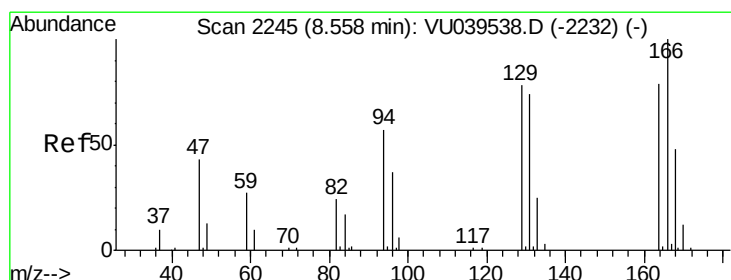
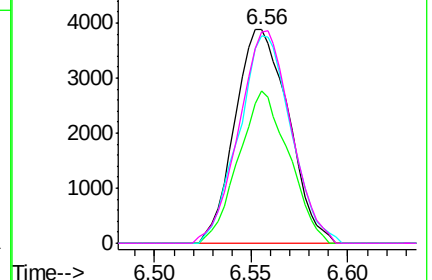
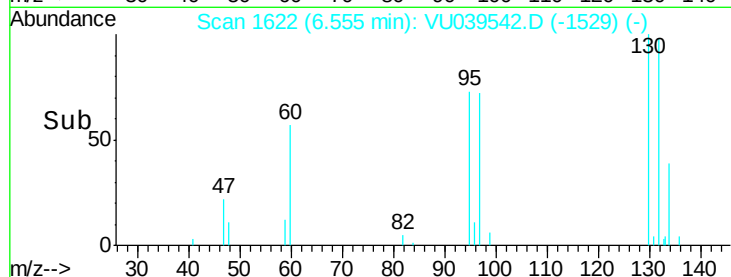


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.292 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039542.D

Acq: 17 Jul 2020 11:25

Tgt Ion: 164 Resp: 5194

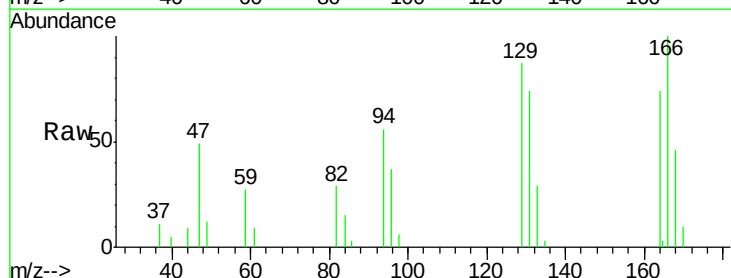
Ion Ratio Lower Upper

164 100

129 117.5 68.6 127.4

131 100.3 66.4 123.4

166 135.3 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

