

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039541.D
 Acq On : 17 Jul 2020 11:02
 Operator : SY/MD
 Sample : L3292-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA0

Quant Time: Jul 18 00:04:27 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	82271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78201	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36917	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19898	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.93	69	23178	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.58	63	31408	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.65	46	91450	41.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.84%
24) Chloroform-d	5.09	84	46237	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	31201	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.74	84	92665	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.71	67	31958	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	80558	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.19	79	12305	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.64	63	67512	38.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.94%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27137	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33704	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

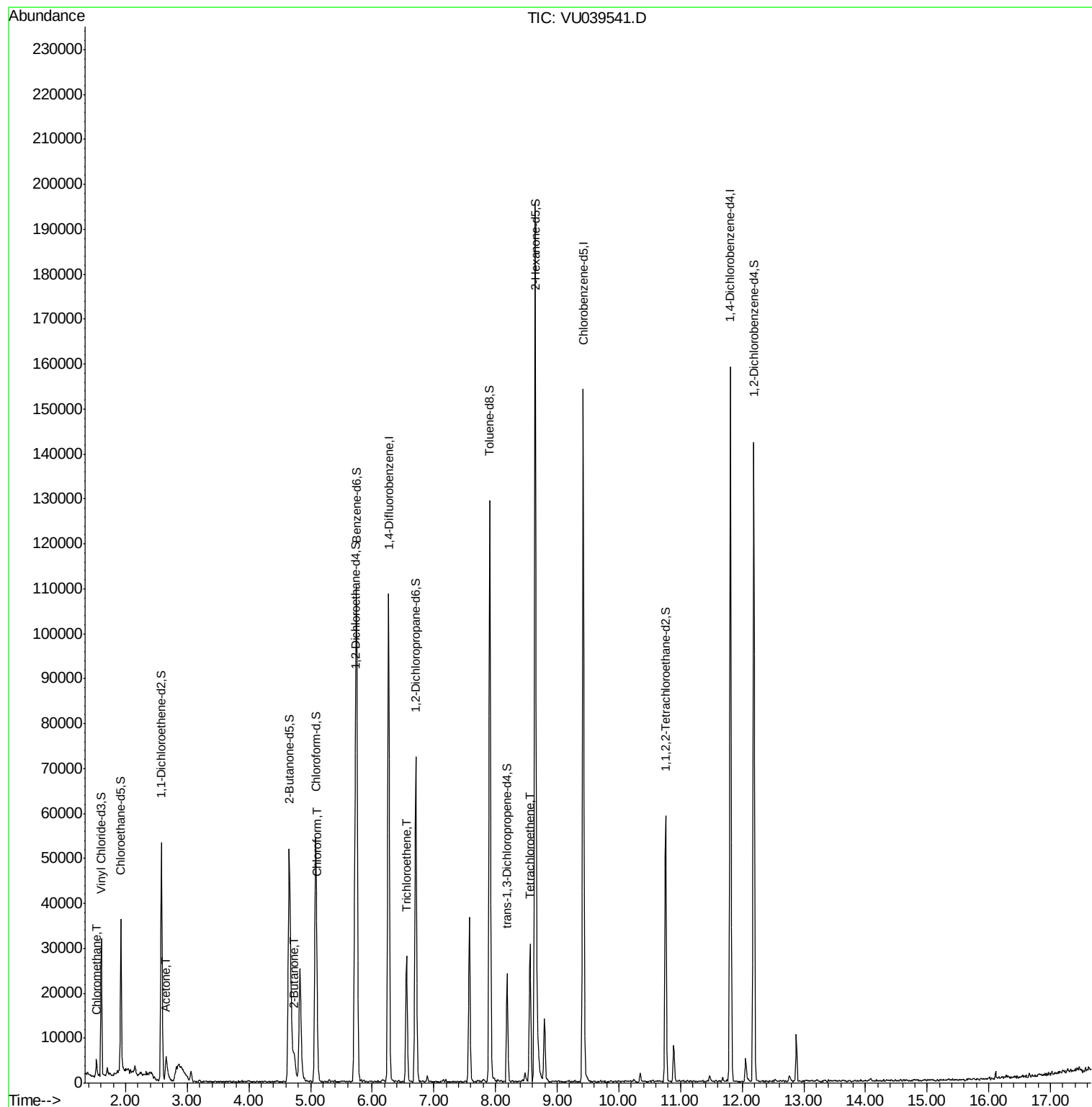
					Ovalue
3) Chloromethane	1.53	50	2567	0.425 ug/L	97
13) Acetone	2.66	43	9731	8.263 ug/L	86
21) 2-Butanone	4.74	43	7871	3.745 ug/L	92
25) Chloroform	5.11	83	3526	0.329 ug/L	91
34) Trichloroethene	6.56	95	8675	1.435 ug/L	90
47) Tetrachloroethene	8.56	164	6124	1.457 ug/L	92

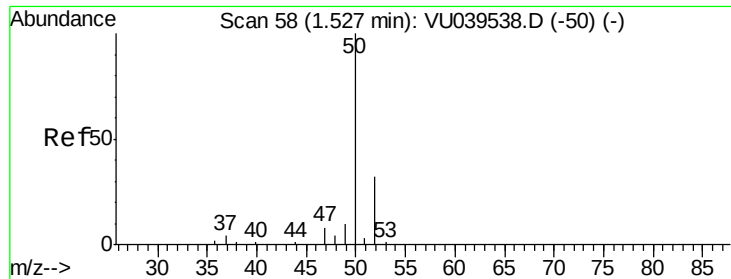
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.425 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039541.D

Acq: 17 Jul 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

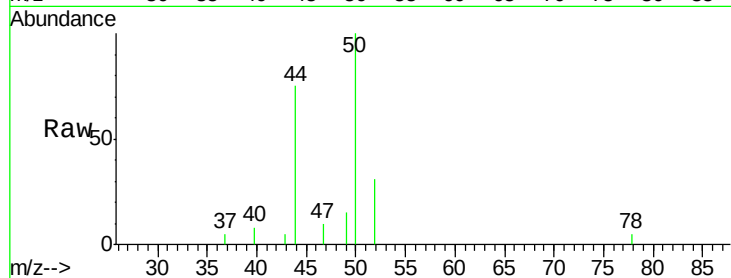
BFTA0

Tot Ion: 50 Resp: 2567

Ion Ratio Lower Upper

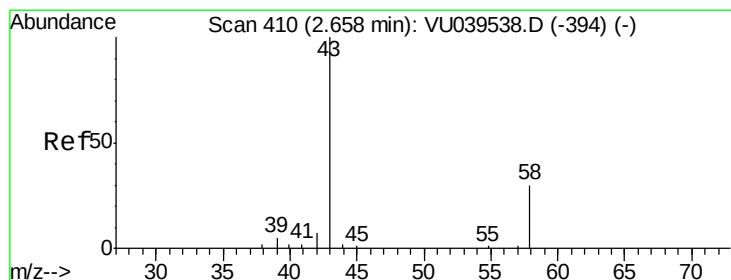
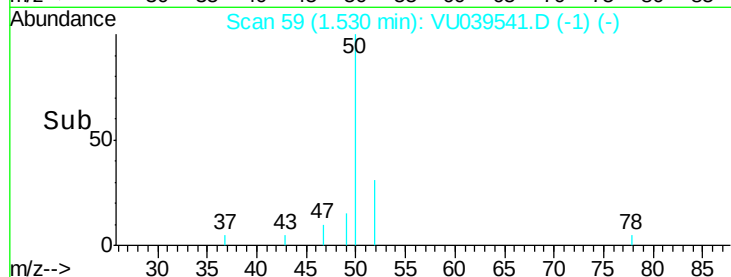
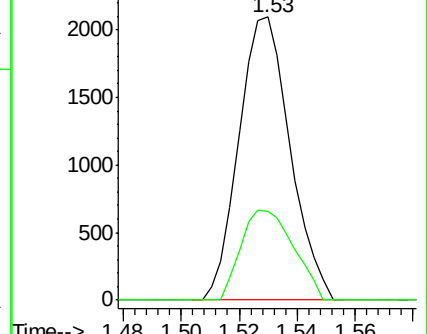
50 100

52 31.4 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 8.263 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU039541.D

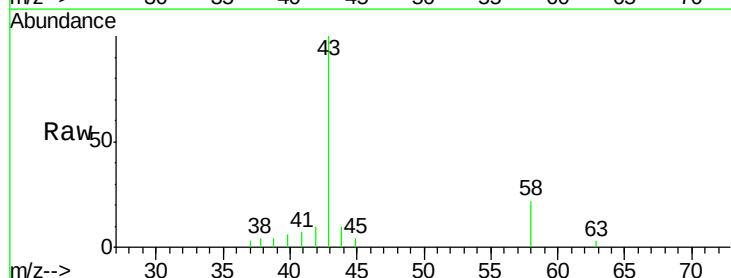
Acq: 17 Jul 2020 11:02

Tgt Ion: 43 Resp: 9731

Ion Ratio Lower Upper

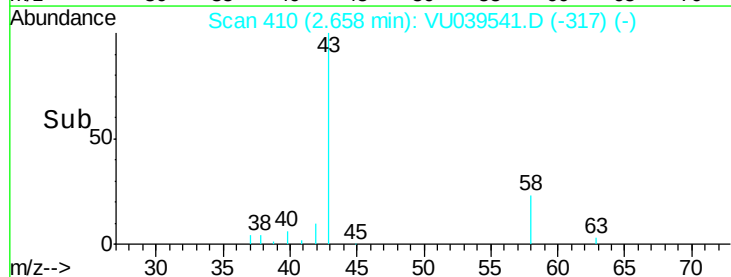
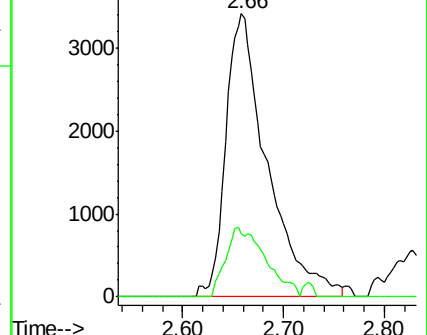
43 100

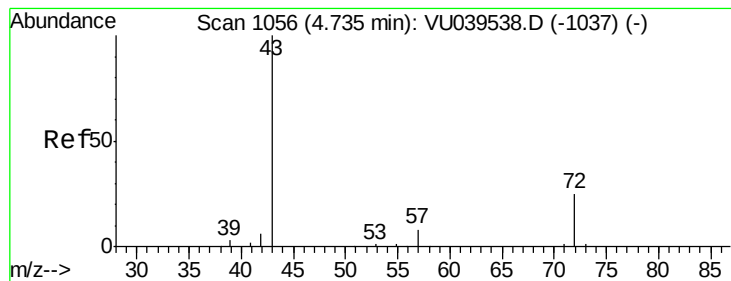
58 23.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 3.745 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039541.D

Acq: 17 Jul 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

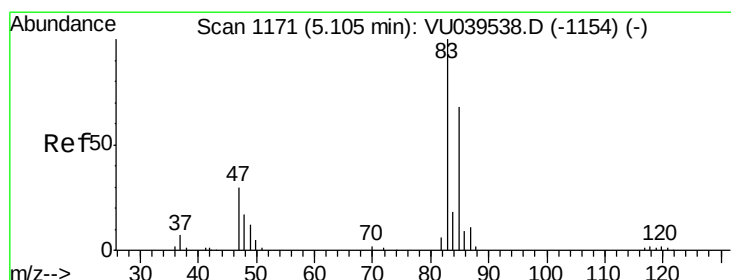
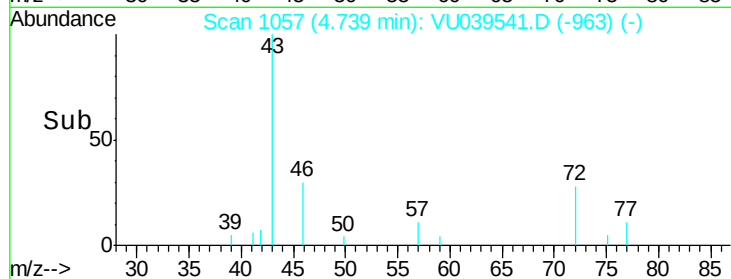
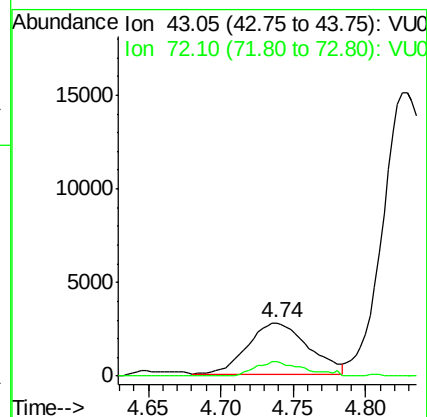
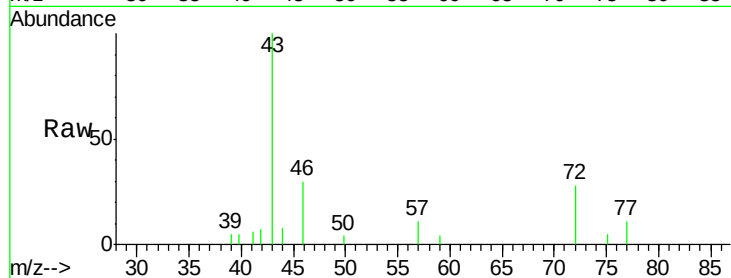
BFTA0

Tot Ion: 43 Resp: 7871

Ion Ratio Lower Upper

43 100

72 22.0 13.2 39.5



#25

Chloroform

Concen: 0.329 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039541.D

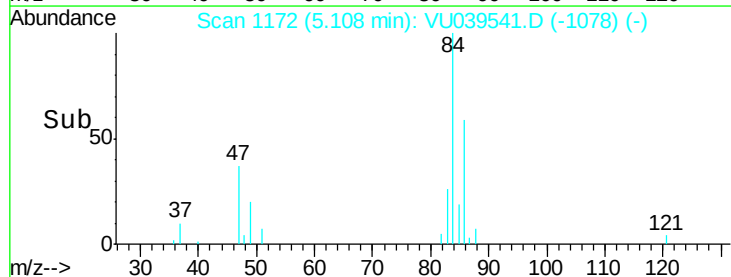
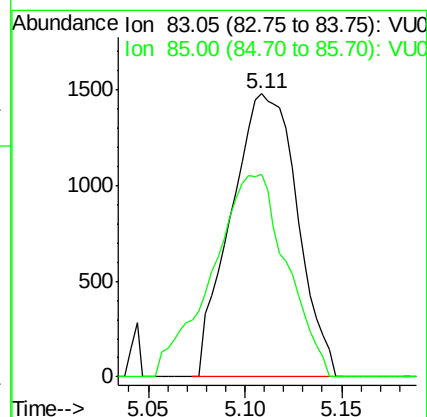
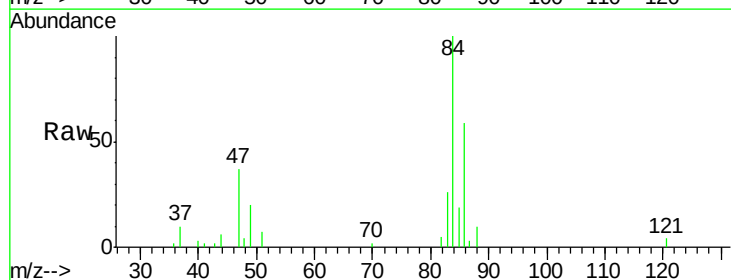
Acq: 17 Jul 2020 11:02

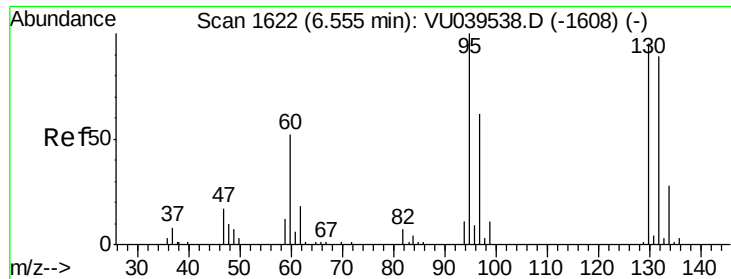
Tgt Ion: 83 Resp: 3526

Ion Ratio Lower Upper

83 100

85 71.5 44.9 83.5





#34

Trichloroethene

Concen: 1.435 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VU039541.D

Acq: 17 Jul 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

BFTA0

Tot Ion: 95 Resp: 8675

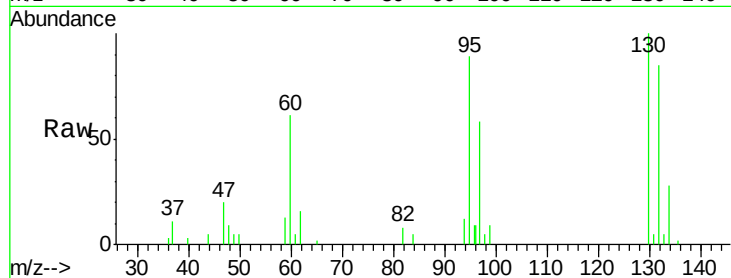
Ion Ratio Lower Upper

95 100

97 64.8 46.3 85.9

132 95.7 64.0 118.8

130 112.7 64.3 119.5

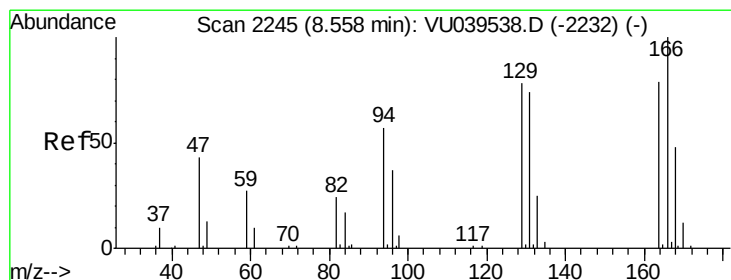
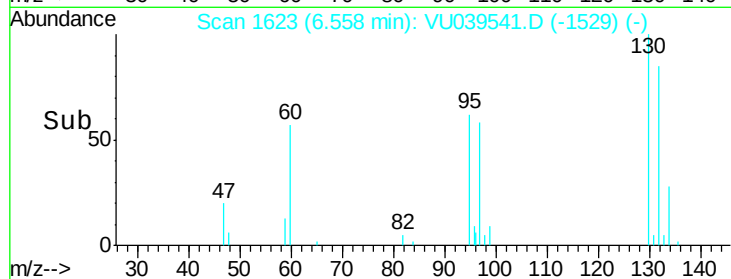
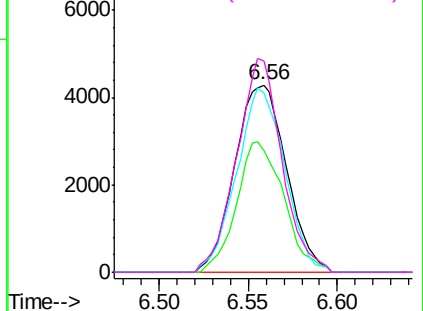


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.457 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039541.D

Acq: 17 Jul 2020 11:02

Tgt Ion: 164 Resp: 6124

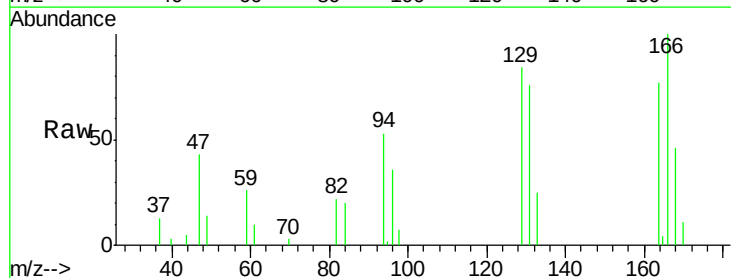
Ion Ratio Lower Upper

164 100

129 110.1 68.6 127.4

131 98.8 66.4 123.4

166 130.7 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

