

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039521.D
 Acq On : 16 Jul 2020 14:10
 Operator : SY/MD
 Sample : L3292-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT95

Quant Time: Jul 17 02:00:45 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	6.27	114	93737	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42167	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20891	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.92	69	25783	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.58	63	34420	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.65	46	103657	41.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.40%
24) Chloroform-d	5.09	84	51405	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.72	65	32719	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	98409	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.71	67	33861	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.91	98	84784	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.19	79	13220	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	75341	37.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.16%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29671	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	34354	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

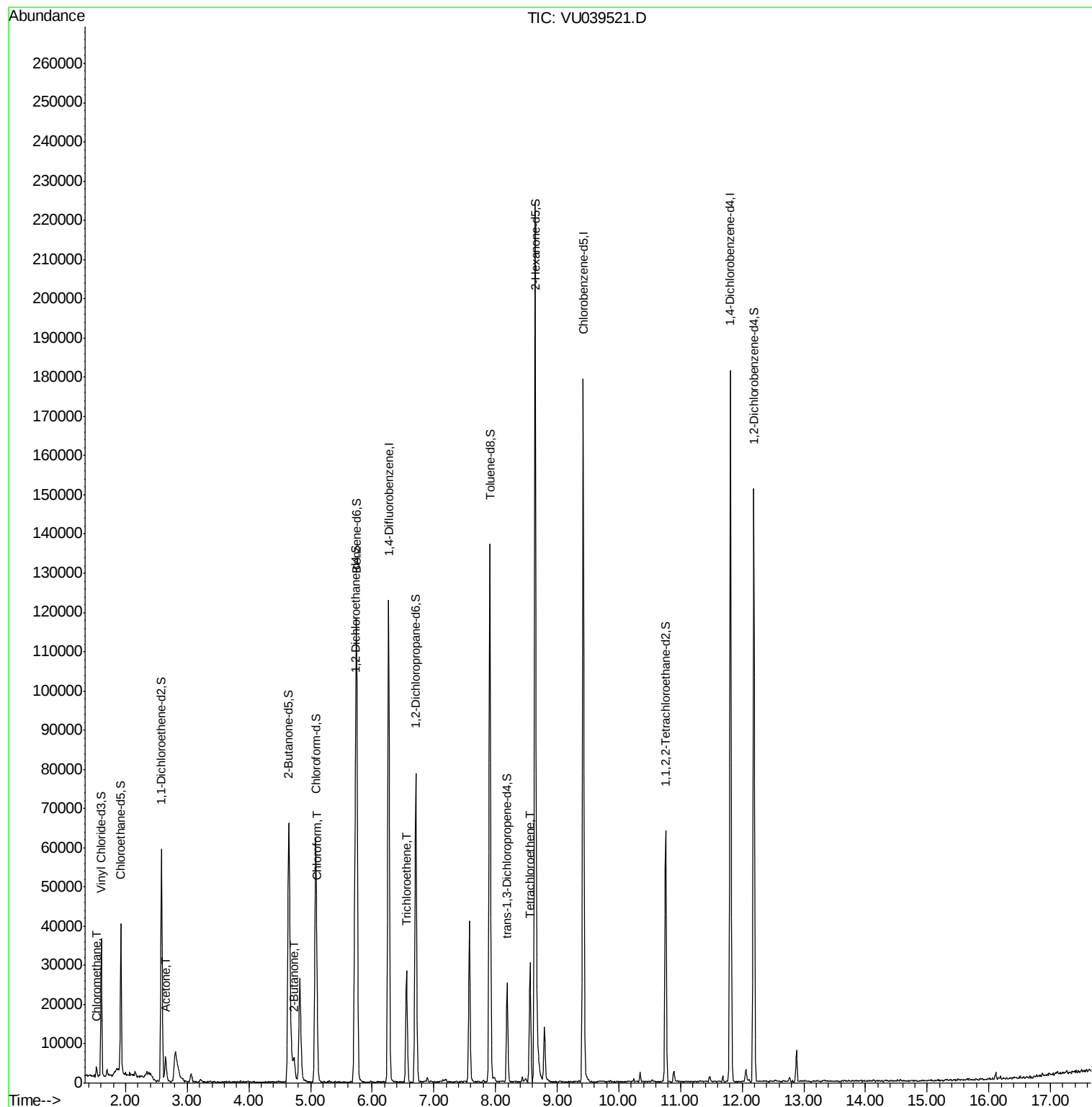
					Ovalue
3) Chloromethane	1.53	50	1868	0.271 ug/L	90
13) Acetone	2.65	43	8394	6.256 ug/L	95
21) 2-Butanone	4.73	43	7516	3.138 ug/L	97
25) Chloroform	5.11	83	3797	0.311 ug/L	91
34) Trichloroethene	6.56	95	8428	1.205 ug/L	95
47) Tetrachloroethene	8.56	164	5923	1.218 ug/L	95

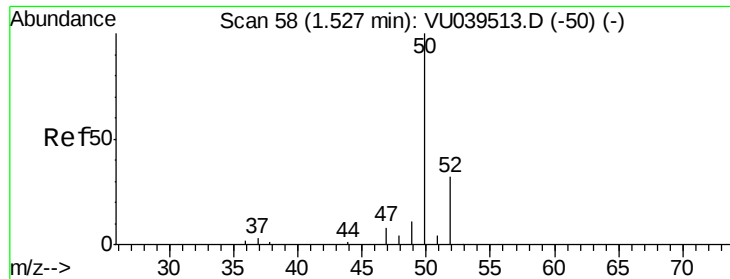
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.271 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039521.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

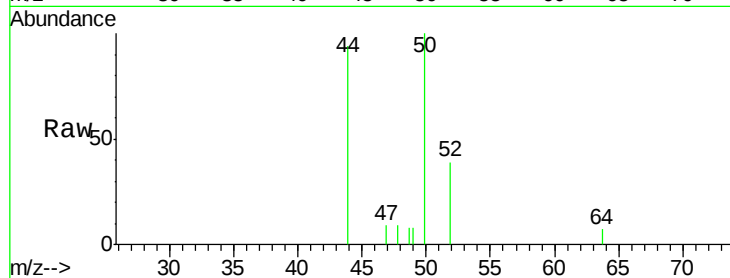
BFT95

Tot Ion: 50 Resp: 1868

Ion Ratio Lower Upper

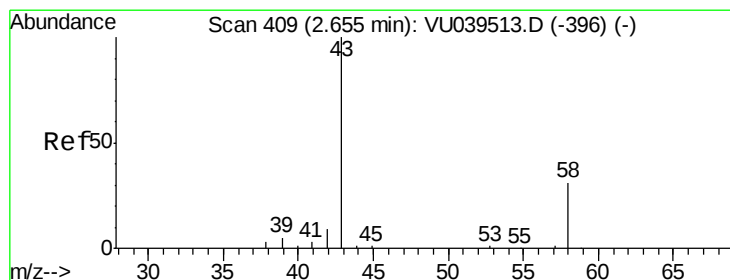
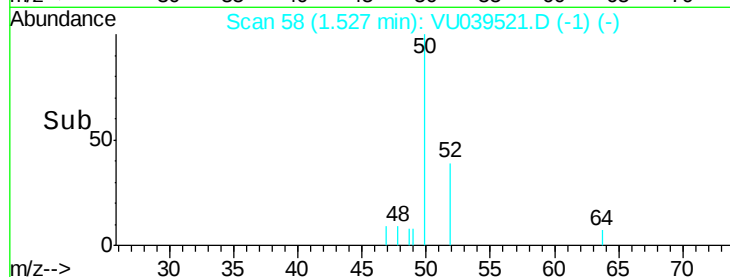
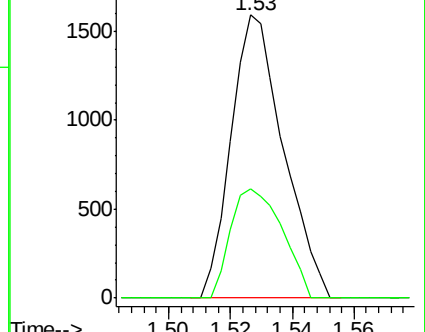
50 100

52 38.6 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU039521.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU039521.D (-50) (-)



#13

Acetone

Concen: 6.256 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039521.D

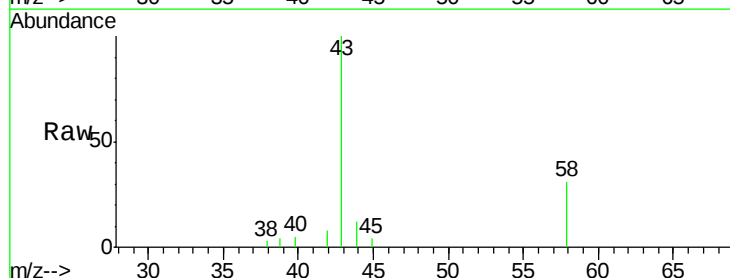
Acq: 16 Jul 2020 14:10

Tgt Ion: 43 Resp: 8394

Ion Ratio Lower Upper

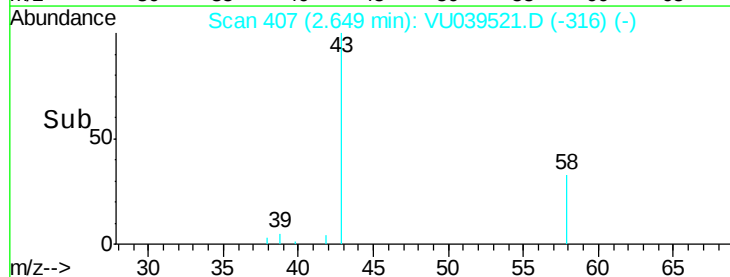
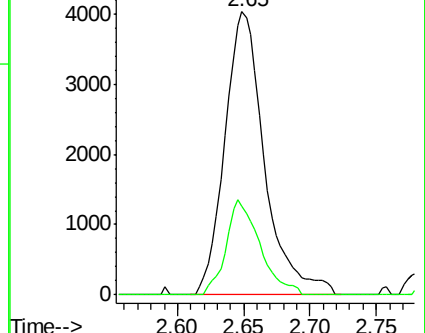
43 100

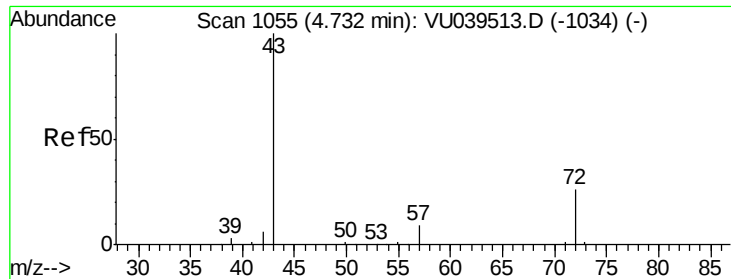
58 28.7 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039521.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039521.D (-396) (-)





#21

2-Butanone

Concen: 3.138 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VU039521.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

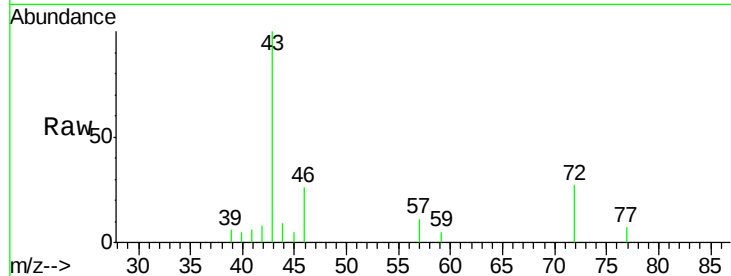
BFT95

Tot Ion: 43 Resp: 7516

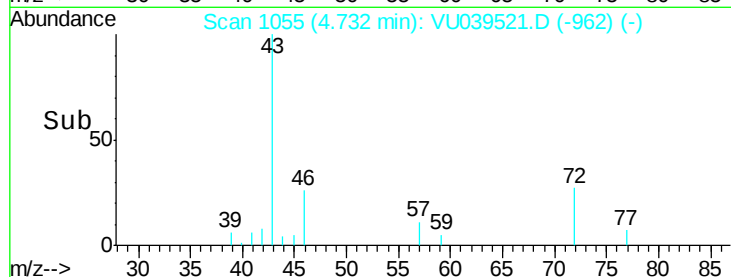
Ion Ratio Lower Upper

43 100

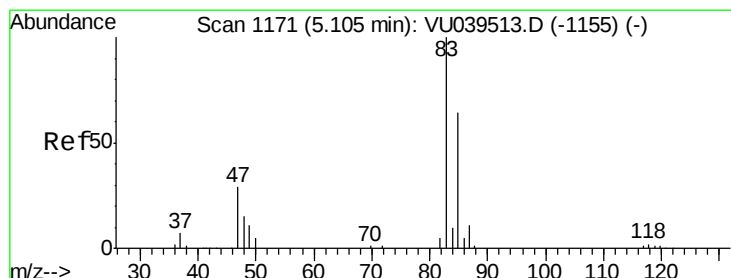
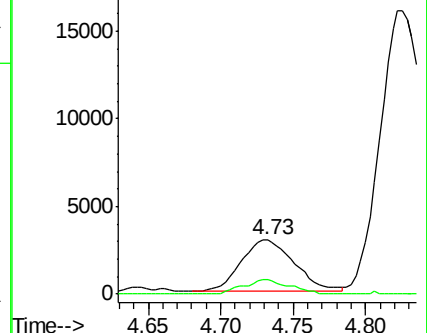
72 24.5 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039521.D (-962) (-)



Ion 72.10 (71.80 to 72.80): VU039521.D (-962) (-)



#25

Chloroform

Concen: 0.311 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039521.D

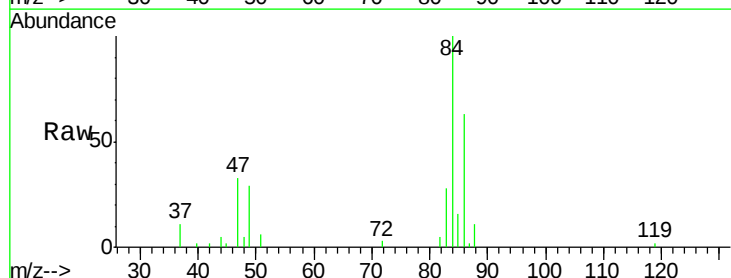
Acq: 16 Jul 2020 14:10

Tgt Ion: 83 Resp: 3797

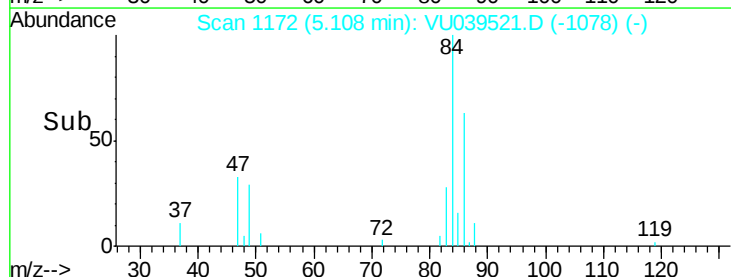
Ion Ratio Lower Upper

83 100

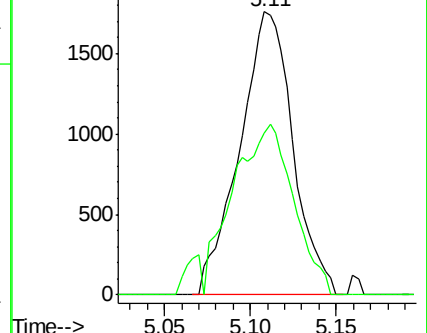
85 57.2 44.9 83.5

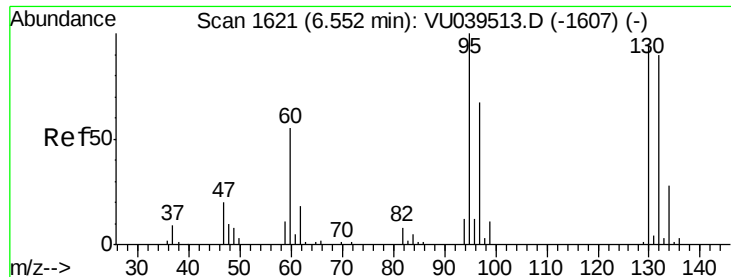


Abundance Ion 83.05 (82.75 to 83.75): VU039521.D (-1078) (-)



Ion 85.00 (84.70 to 85.70): VU039521.D (-1078) (-)





#34

Trichloroethene

Concen: 1.205 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039521.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

BFT95

Tot Ion: 95 Resp: 8428

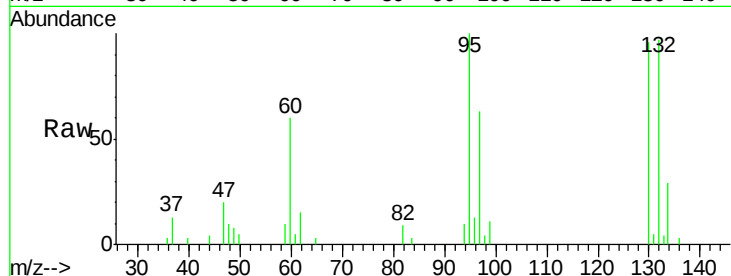
Ion Ratio Lower Upper

95 100

97 62.9 46.3 85.9

132 96.7 64.0 118.8

130 95.7 64.3 119.5

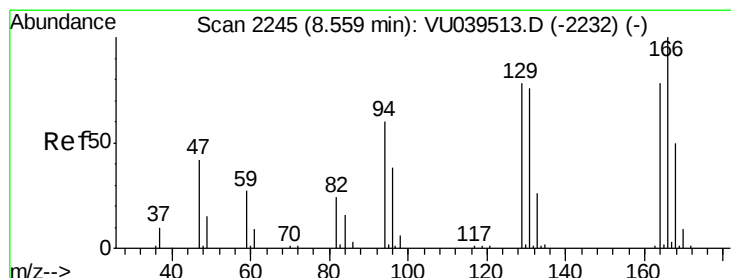
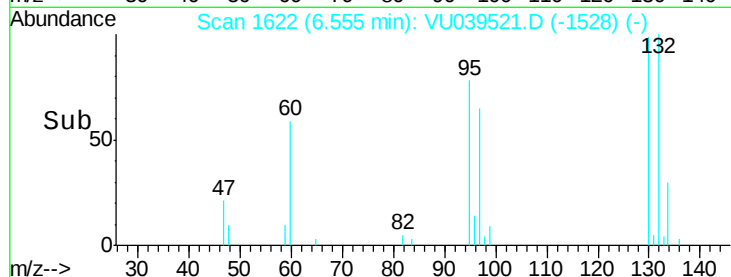
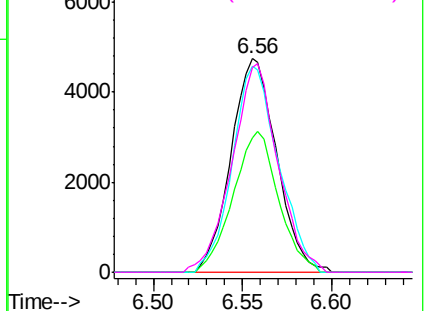


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.218 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039521.D

Acq: 16 Jul 2020 14:10

Tgt Ion: 164 Resp: 5923

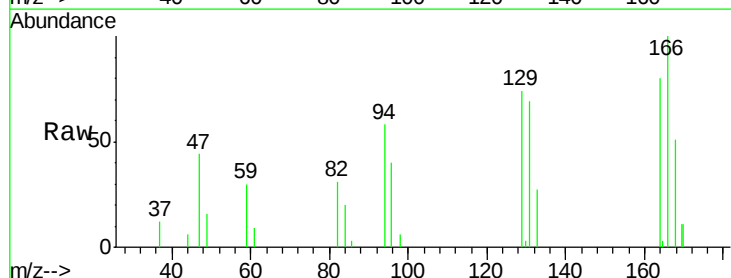
Ion Ratio Lower Upper

164 100

129 93.1 68.6 127.4

131 86.0 66.4 123.4

166 125.2 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

