

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039524.D
 Acq On : 16 Jul 2020 15:19
 Operator : SY/MD
 Sample : L3292-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA1

Quant Time: Jul 17 02:18:40 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	86135	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23774	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	26316	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	37011	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.65	46	103449	45.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	5.09	84	52097	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	34783	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.75	84	104679	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.71	67	35957	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.91	98	91089	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	8.19	79	13670	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	76260	42.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.72%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31106	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37848	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

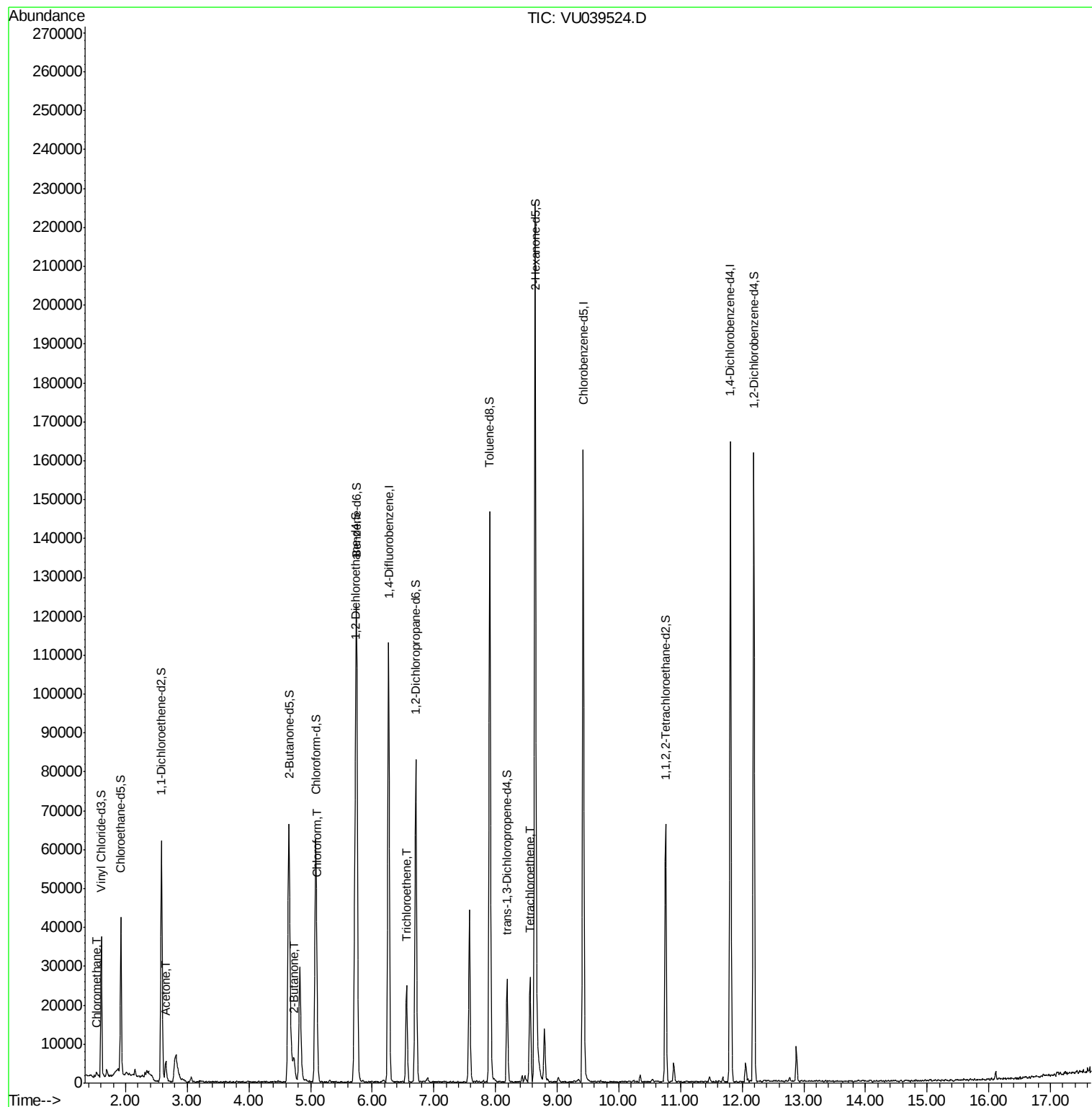
					Ovalue
3) Chloromethane	1.53	50	776	0.123 ug/L	97
13) Acetone	2.65	43	7003	5.680 ug/L	100
21) 2-Butanone	4.73	43	7772	3.532 ug/L	82
25) Chloroform	5.11	83	3766	0.336 ug/L	97
34) Trichloroethene	6.56	95	7662	1.234 ug/L	94
47) Tetrachloroethene	8.56	164	5137	1.190 ug/L	88

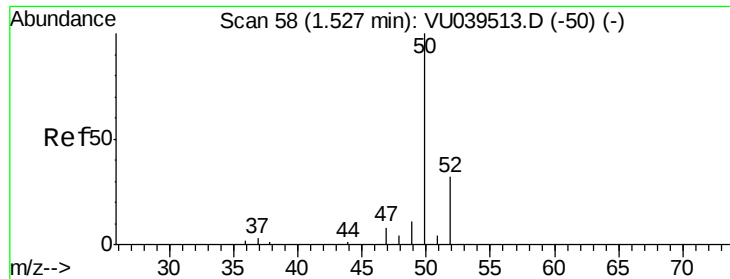
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.123 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039524.D

Acq: 16 Jul 2020 15:19

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MSVOA_U

ClientSampleId :

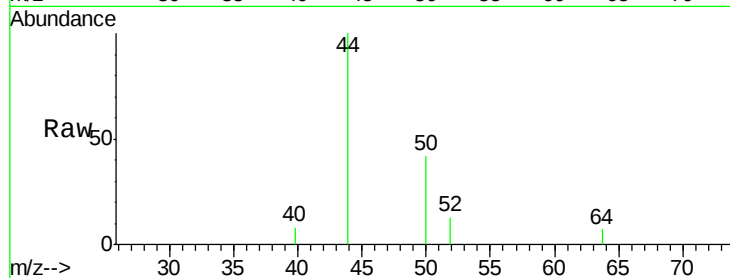
BFTA1

Tot Ion: 50 Resp: 776

Ion Ratio Lower Upper

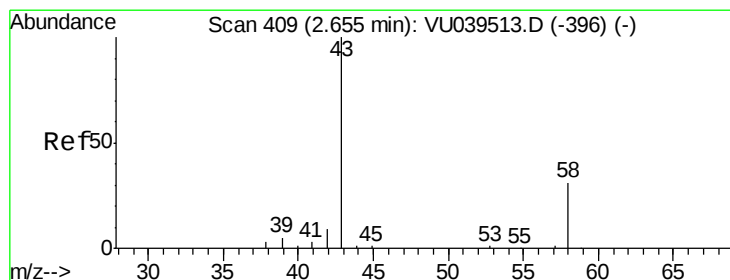
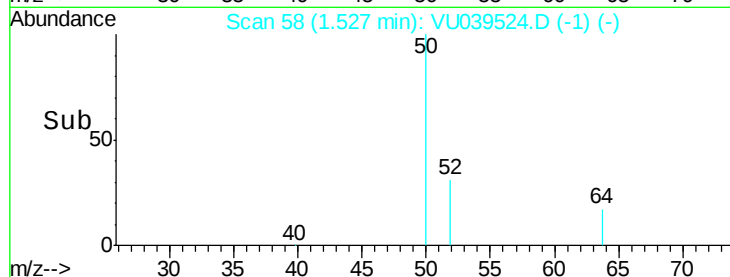
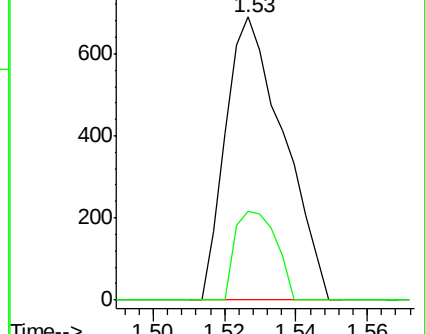
50 100

52 31.3 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: 5.680 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039524.D

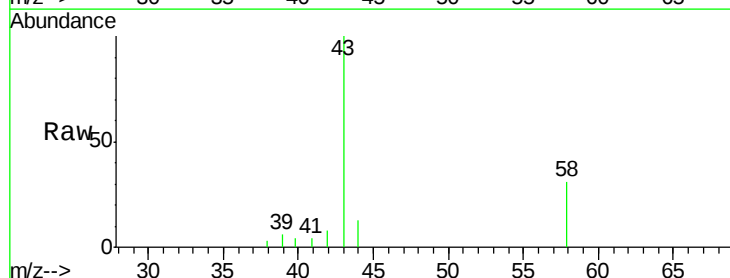
Acq: 16 Jul 2020 15:19

Tgt Ion: 43 Resp: 7003

Ion Ratio Lower Upper

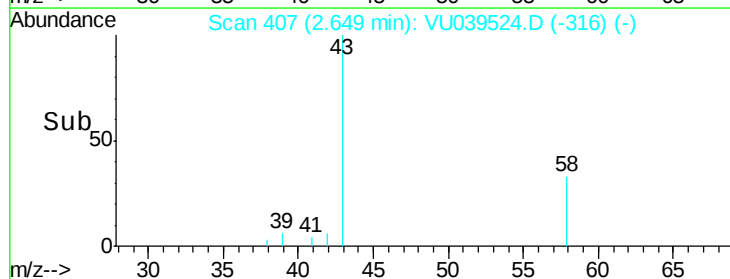
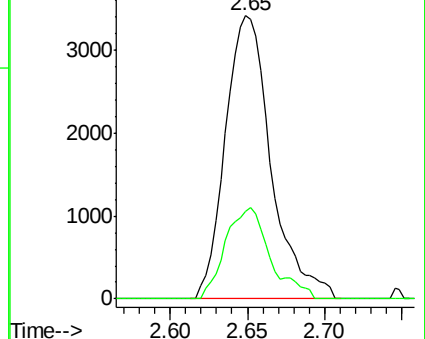
43 100

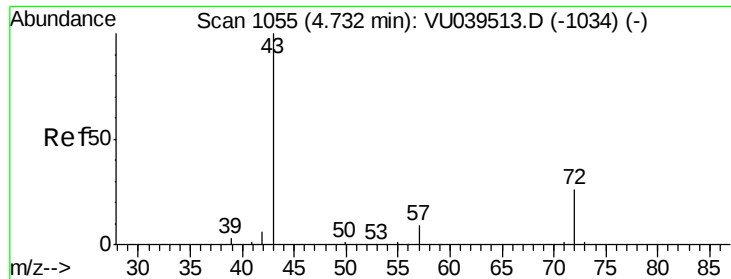
58 31.5 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 3.532 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VU039524.D

Acq: 16 Jul 2020 15:19

Instrument :

MSVOA_U

ClientSampleId :

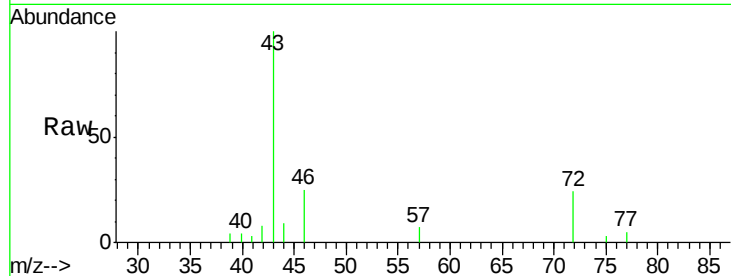
BFTA1

Tot Ion: 43 Resp: 7772

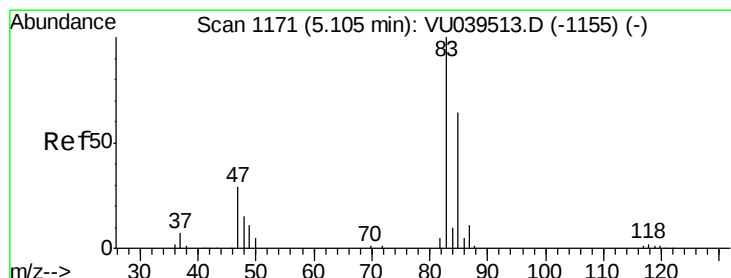
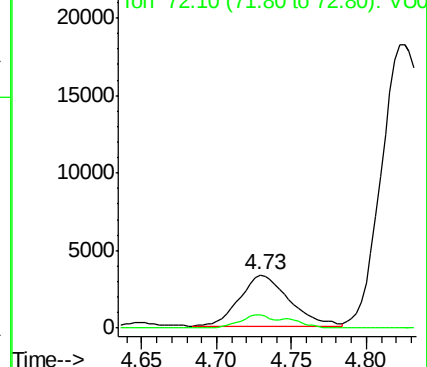
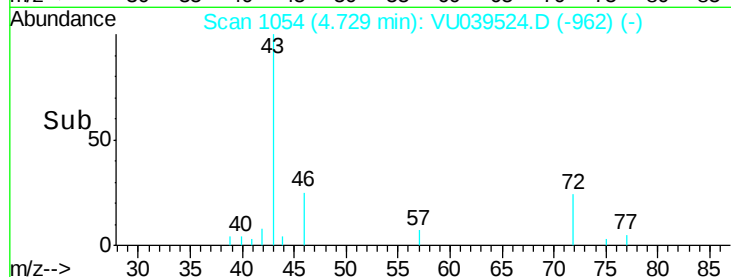
Ion Ratio Lower Upper

43 100

72 17.2 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039524.D (-962) (-)



#25

Chloroform

Concen: 0.336 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039524.D

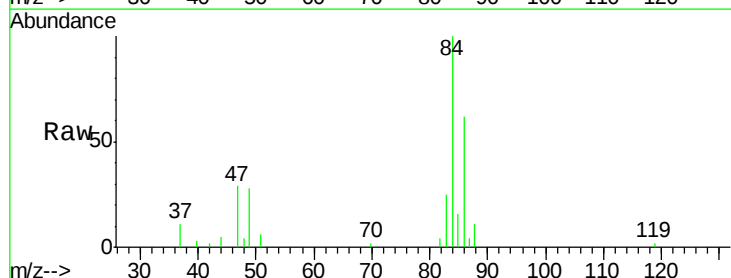
Acq: 16 Jul 2020 15:19

Tgt Ion: 83 Resp: 3766

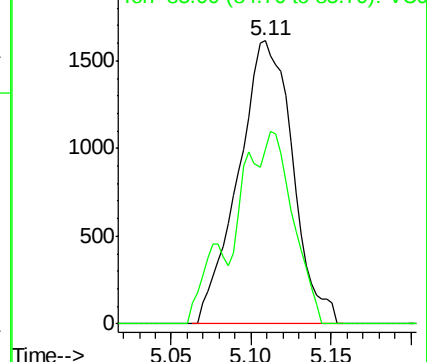
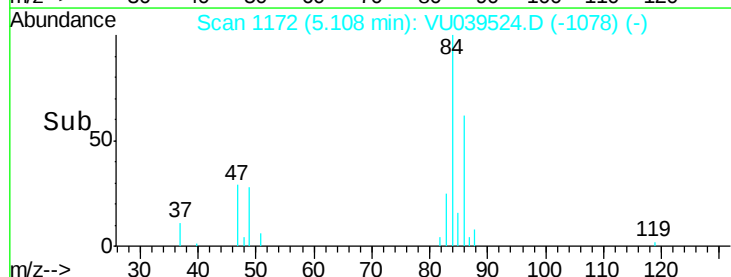
Ion Ratio Lower Upper

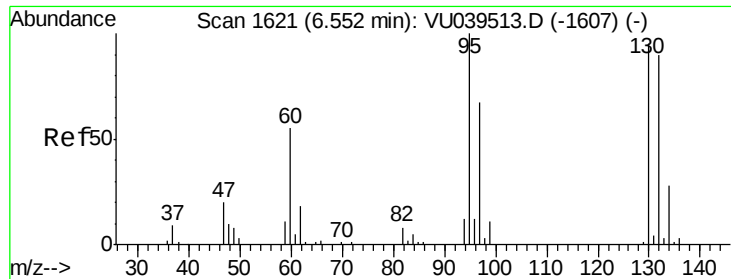
83 100

85 61.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039524.D (-1078) (-)

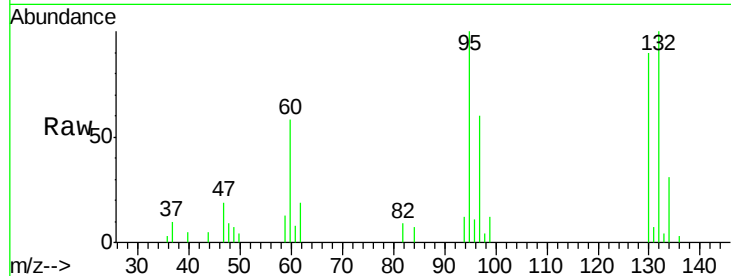




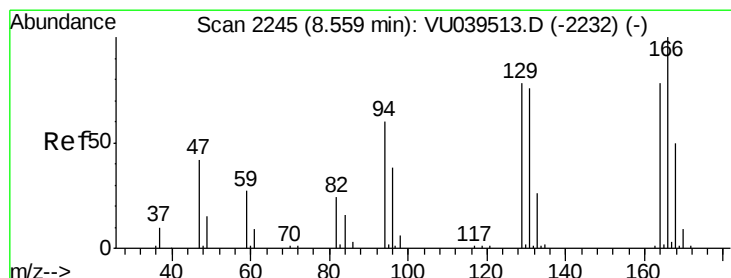
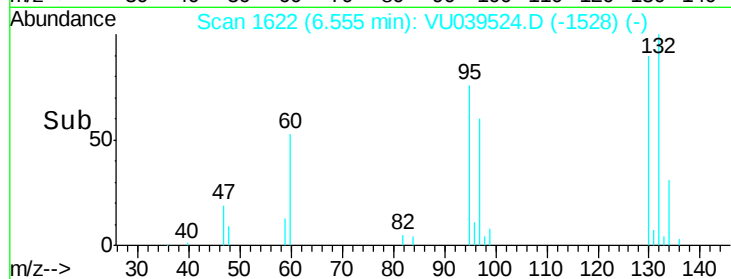
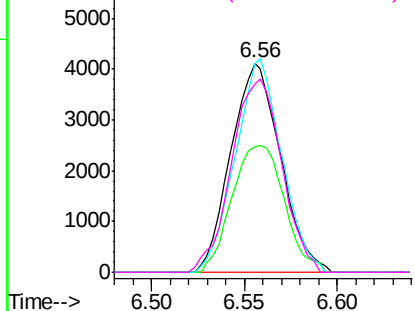
#34
 Trichloroethene
 Concen: 1.234 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039524.D
 Acq: 16 Jul 2020 15:19

Instrument :
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 BFTA1

Tot Ion: 95 Resp: 7662
 Ion Ratio Lower Upper
 95 100
 97 60.0 46.3 85.9
 132 99.8 64.0 118.8
 130 90.3 64.3 119.5

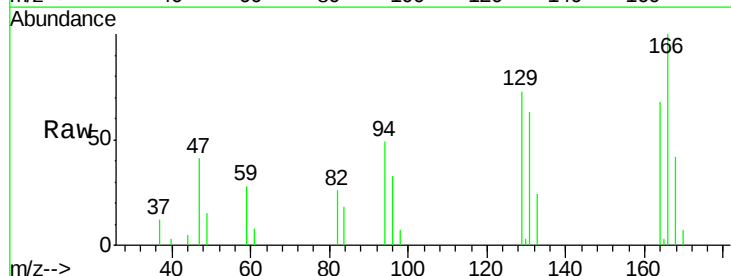


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 1.190 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039524.D
 Acq: 16 Jul 2020 15:19

Tgt Ion: 164 Resp: 5137
 Ion Ratio Lower Upper
 164 100
 129 107.8 68.6 127.4
 131 92.1 66.4 123.4
 166 146.9 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

