

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039523.D
 Acq On : 16 Jul 2020 14:56
 Operator : SY/MD
 Sample : L3292-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT96

Quant Time: Jul 17 02:10:33 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	90999	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23900	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	27608	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	35197	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.65	46	102282	42.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.76%
24) Chloroform-d	5.09	84	50159	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.72	65	34166	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.74	84	100750	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.71	67	34672	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	89499	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.19	79	13310	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.64	63	75269	39.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.20%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29166	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	35856	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

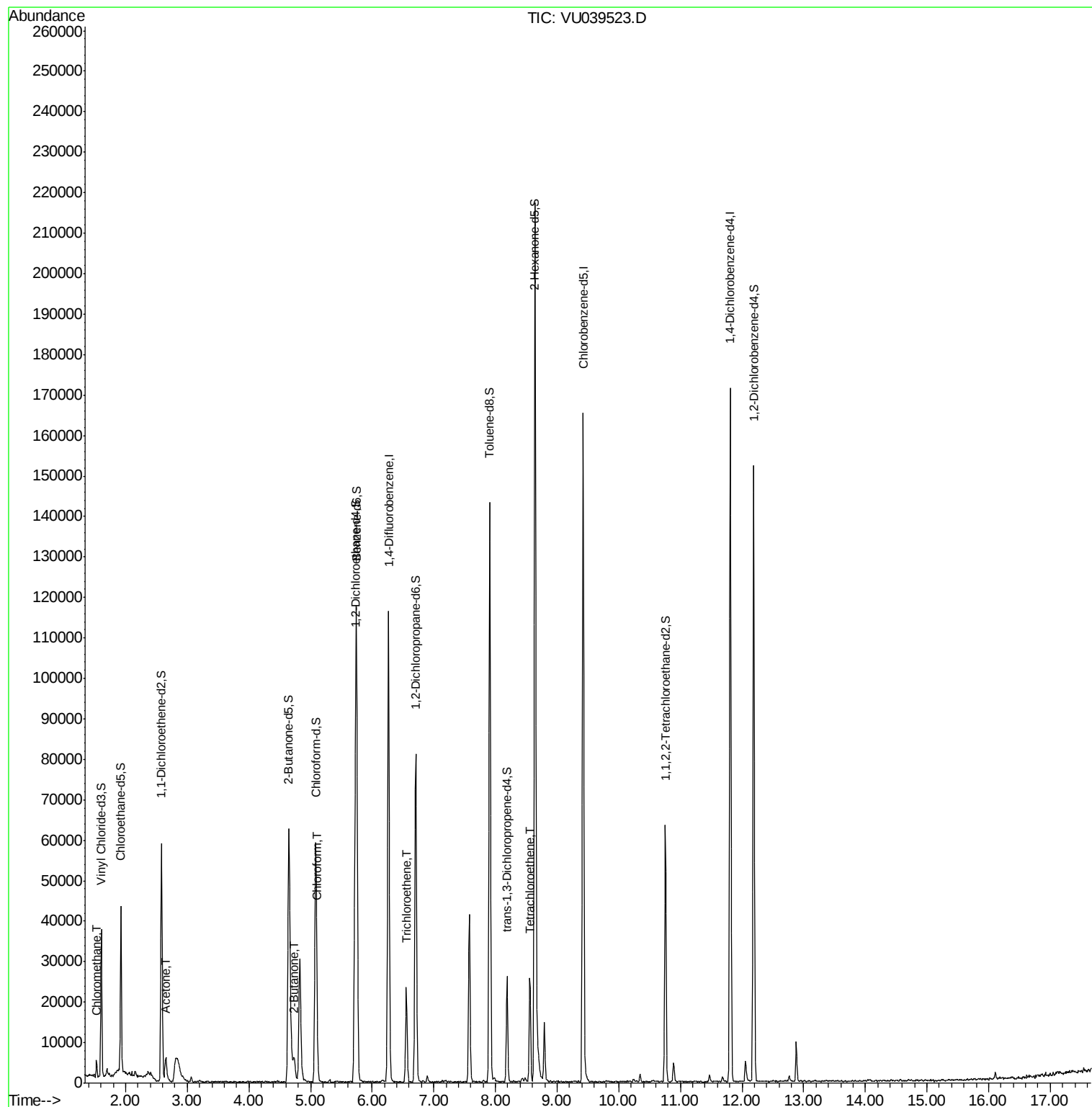
					Ovalue
3) Chloromethane	1.53	50	2568	0.384	ug/L 97
13) Acetone	2.65	43	9229	7.085	ug/L 95
21) 2-Butanone	4.73	43	8549	3.677	ug/L 93
25) Chloroform	5.11	83	3430	0.290	ug/L 94
34) Trichloroethene	6.56	95	7278	1.098	ug/L 94
47) Tetrachloroethene	8.56	164	4675	1.014	ug/L 97

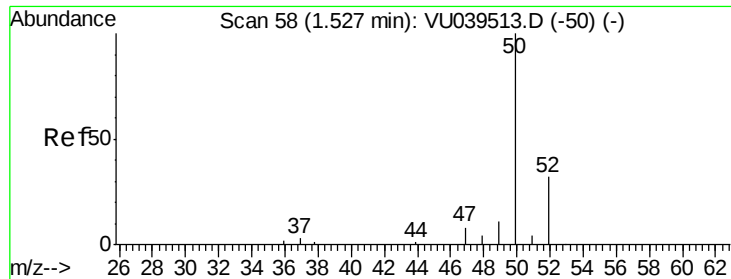
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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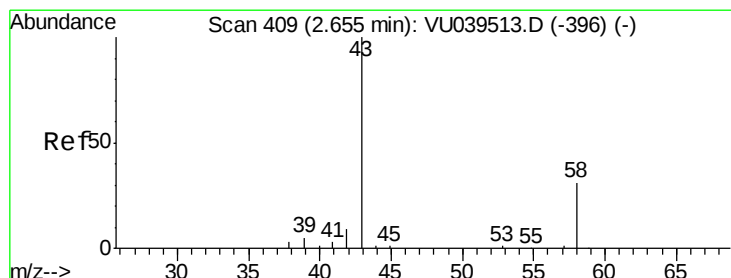
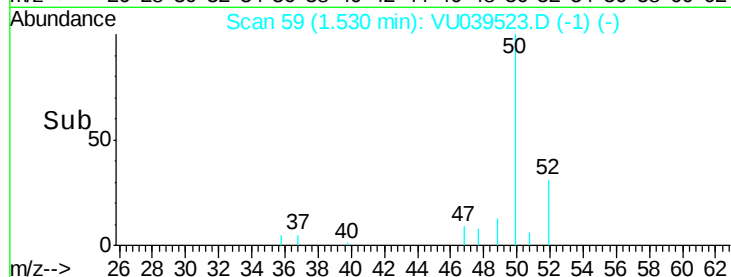
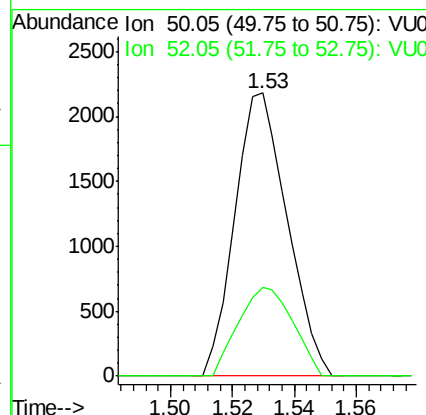
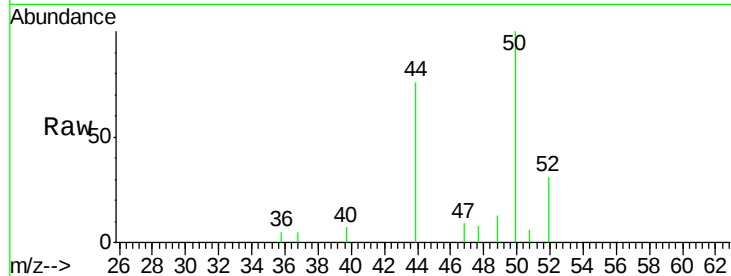




#3
 Chloromethane
 Concen: 0.384 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU039523.D
 Acq: 16 Jul 2020 14:56

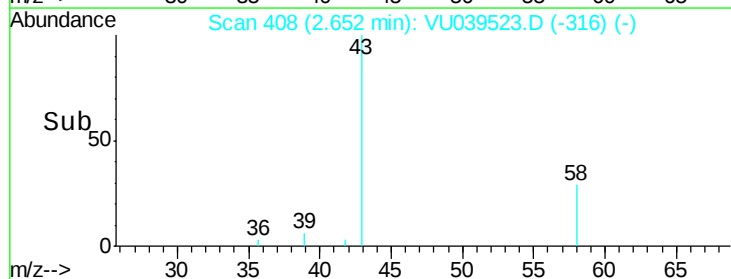
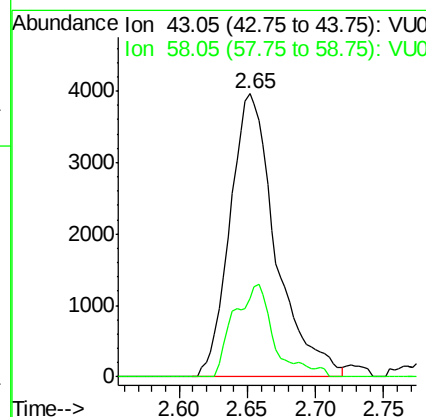
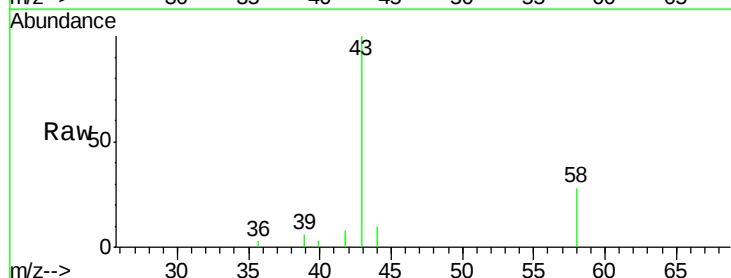
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT96

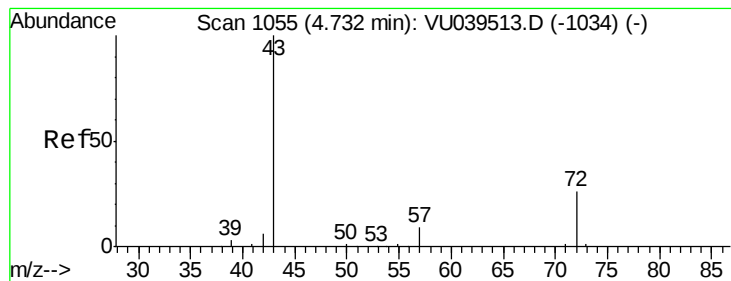
Tot Ion: 50 Resp: 2568
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.0 42.8



#13
 Acetone
 Concen: 7.085 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VU039523.D
 Acq: 16 Jul 2020 14:56

Tgt Ion: 43 Resp: 9229
 Ion Ratio Lower Upper
 43 100
 58 28.7 0.0 62.8





#21

2-Butanone

Concen: 3.677 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VU039523.D

Acq: 16 Jul 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

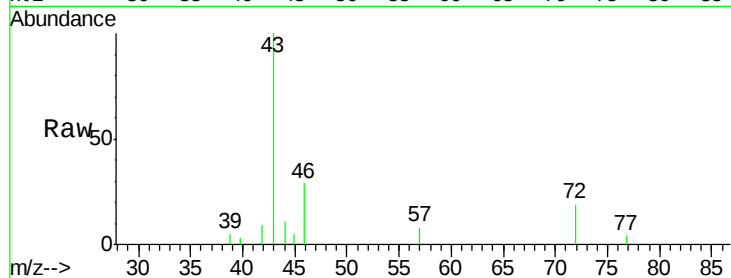
BFT96

Tot Ion: 43 Resp: 8549

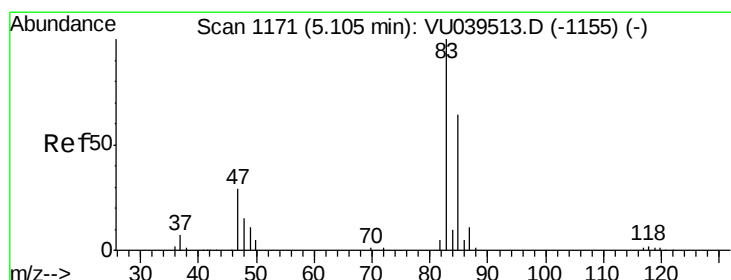
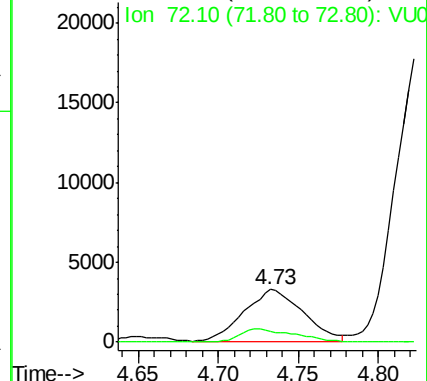
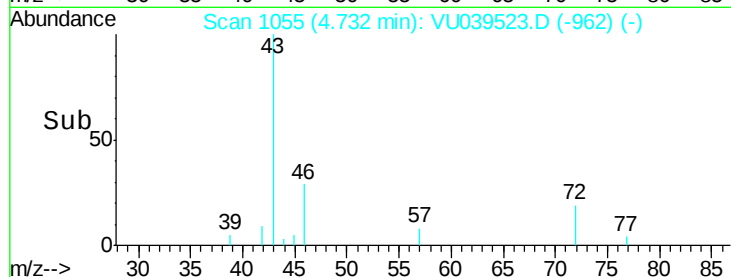
Ion Ratio Lower Upper

43 100

72 22.8 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039523.D (-962) (-)



#25

Chloroform

Concen: 0.290 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039523.D

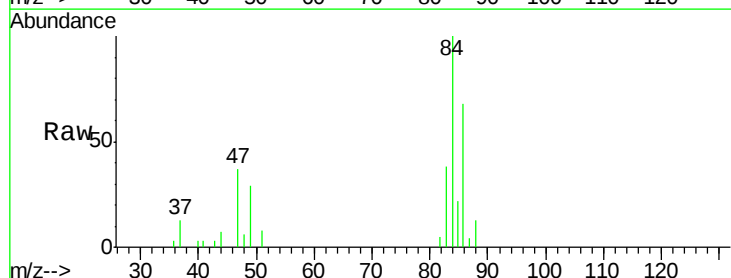
Acq: 16 Jul 2020 14:56

Tgt Ion: 83 Resp: 3430

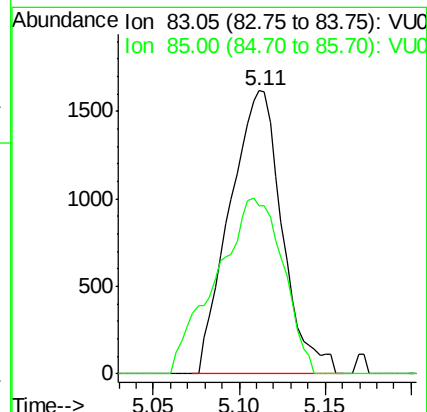
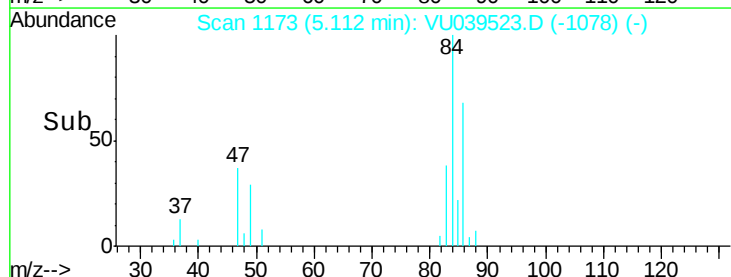
Ion Ratio Lower Upper

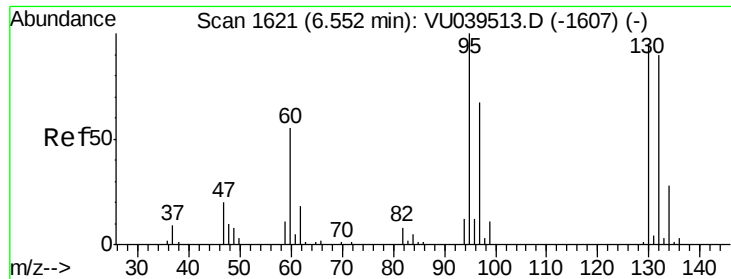
83 100

85 59.6 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039523.D (-1078) (-)

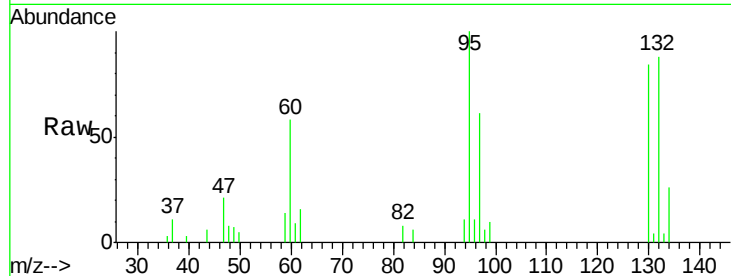




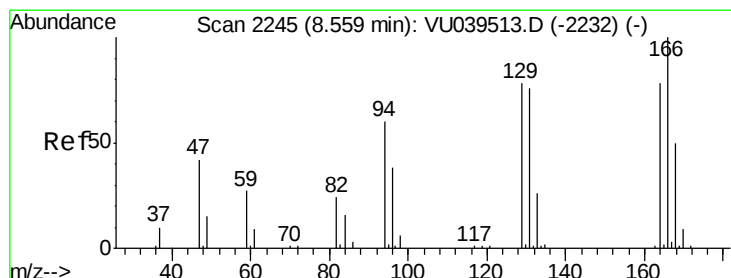
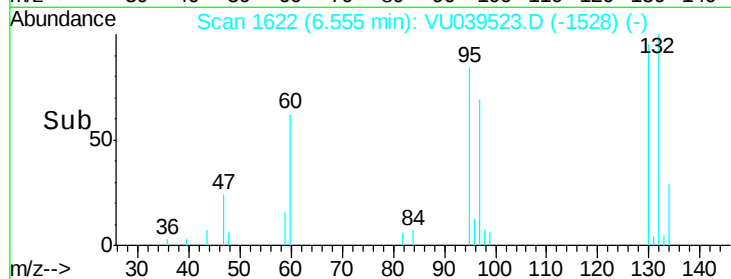
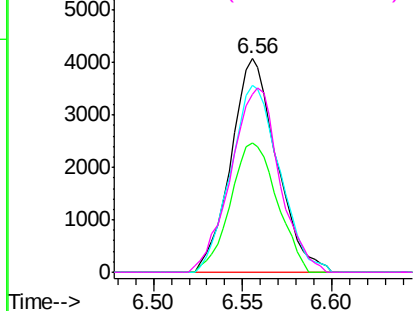
#34
 Trichloroethene
 Concen: 1.098 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039523.D
 Acq: 16 Jul 2020 14:56

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Tot Ion: 95 Resp: 7278
 Ion Ratio Lower Upper
 95 100
 97 60.7 46.3 85.9
 132 87.7 64.0 118.8
 130 83.6 64.3 119.5

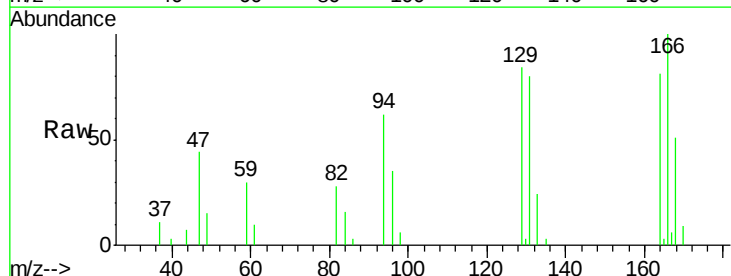


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 1.014 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039523.D
 Acq: 16 Jul 2020 14:56

Tgt Ion: 164 Resp: 4675
 Ion Ratio Lower Upper
 164 100
 129 104.1 68.6 127.4
 131 98.3 66.4 123.4
 166 123.6 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

