

Data File : VU028177.D
Acq On : 15 Nov 2018 17:26
Operator : MD/SY
Sample : J5946-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9C03

Quant Time: Nov 16 00:51:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167980	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52006	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.68	69	46341	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.28	63	79650	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.19	46	212473	52.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.12%
24) Chloroform-d	4.65	84	103685	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	59408	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	205236	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.33	67	76334	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.57	98	174797	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.85	79	22979	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.31	63	159599	46.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53783	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	61914	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

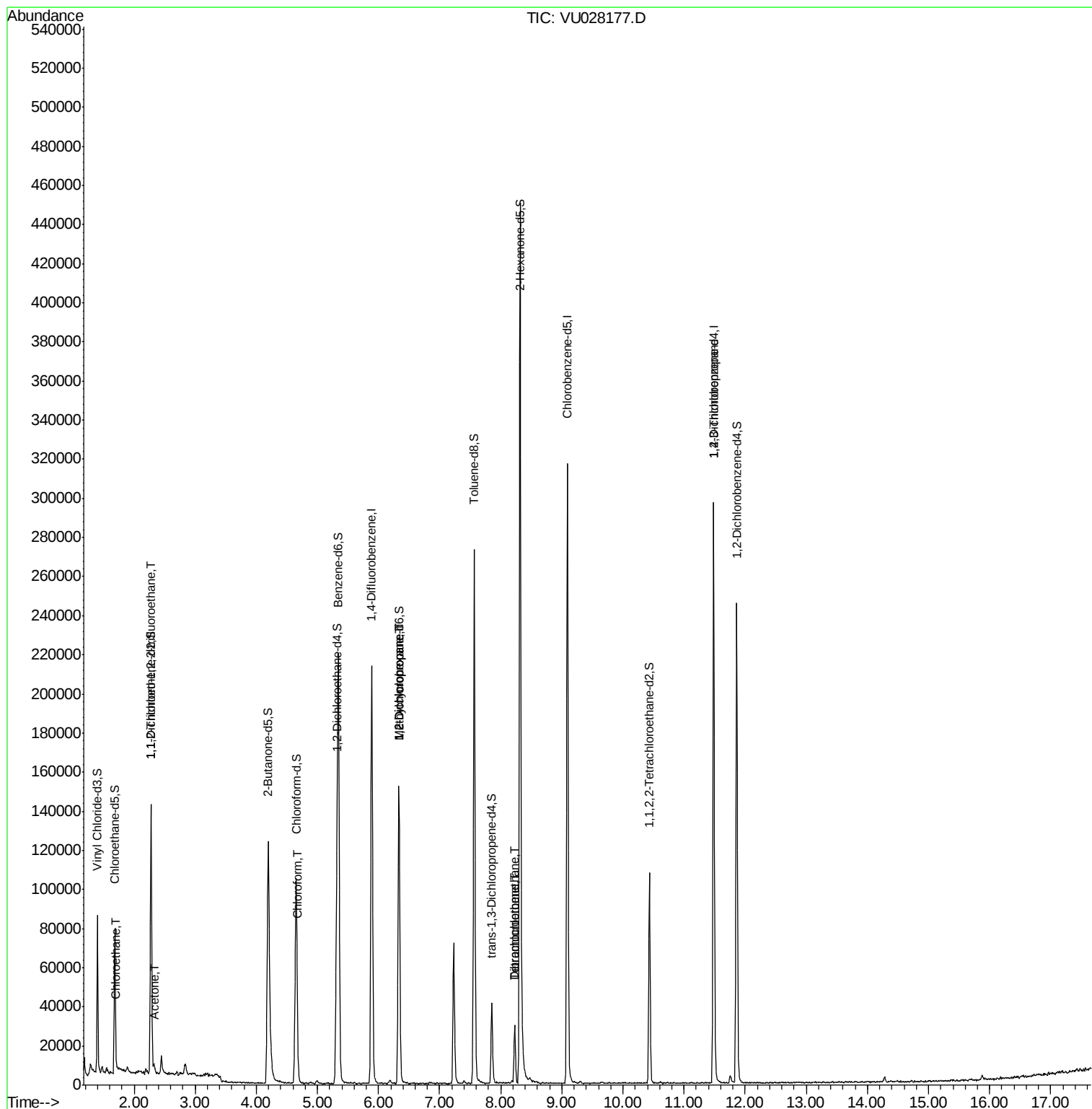
					Qvalue	
8) Chloroethane	1.71	64	2712	0.250	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	569	0.052	ug/L #	20
13) Acetone	2.33	43	3594	1.320	ug/L	95
25) Chloroform	4.68	83	1225	0.055	ug/L	96
35) Methylcyclohexane	6.33	83	15182	0.652	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7915	0.523	ug/L #	92
47) Tetrachloroethene	8.23	164	6456	0.587	ug/L	94
49) Dibromochloromethane	8.23	129	6634	0.681	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10571	1.243	ug/L #	84

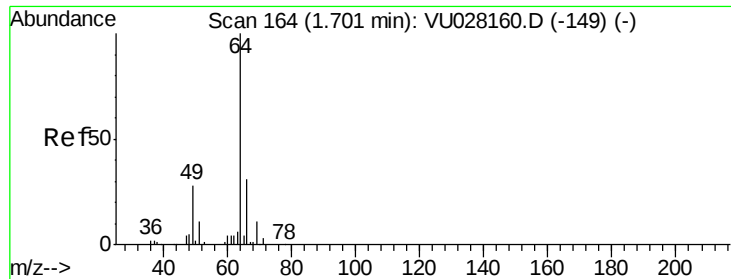
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.250 ug/L

RT: 1.71 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU028177.D

Acq: 15 Nov 2018 17:26

Instrument :

MSVOA_U

ClientSampled :

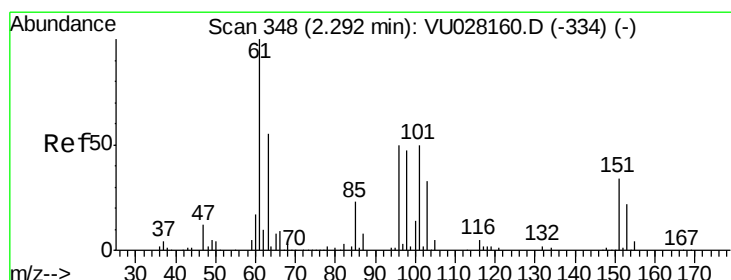
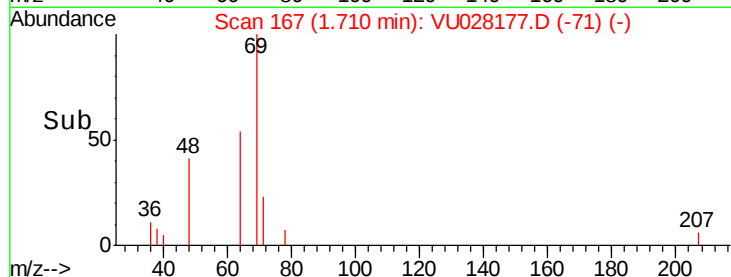
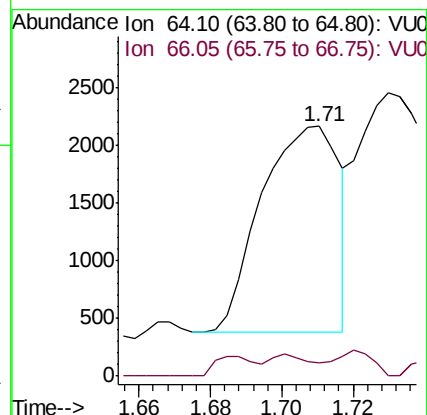
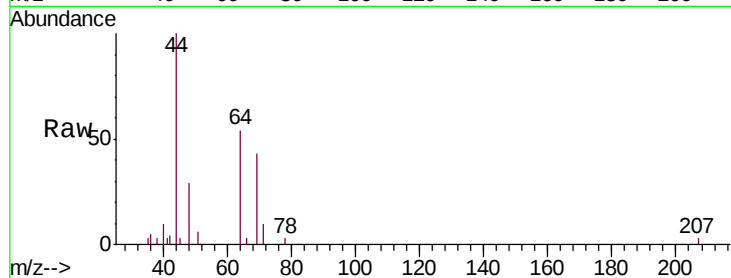
F9C03

Tgt Ion: 64 Resp: 2712

Ion Ratio Lower Upper

64 100

66 5.1 23.1 42.9#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.052 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028177.D

Acq: 15 Nov 2018 17:26

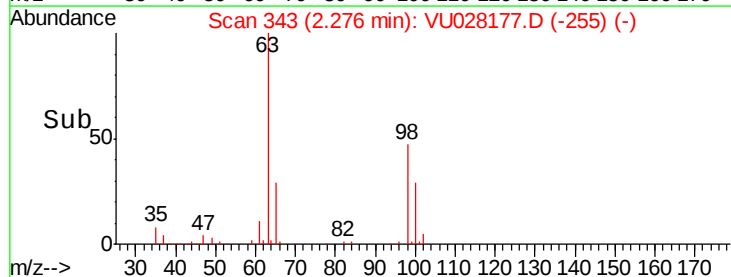
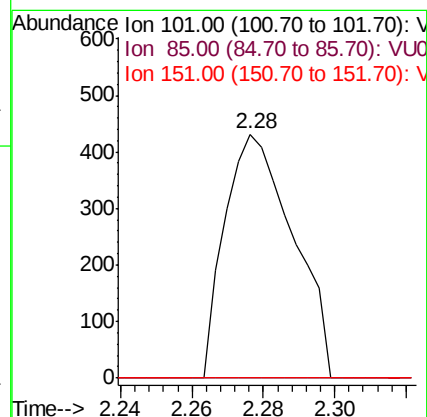
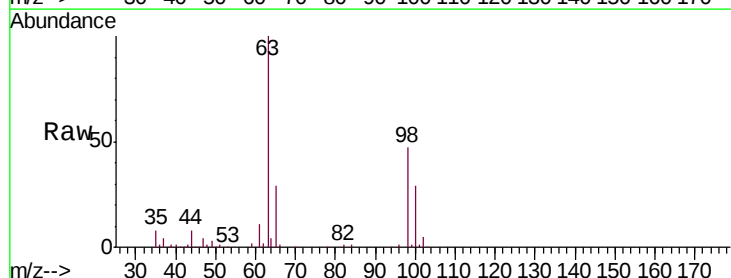
Tgt Ion: 101 Resp: 569

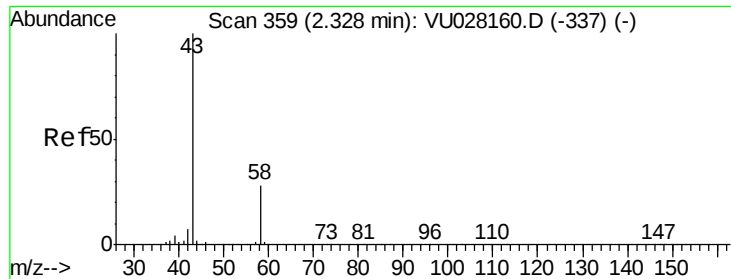
Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

151 0.0 58.2 87.2#





#13

Acetone

Concen: 1.320 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU028177.D

Acq: 15 Nov 2018 17:26

Instrument :

MSVOA_U

ClientSampleId :

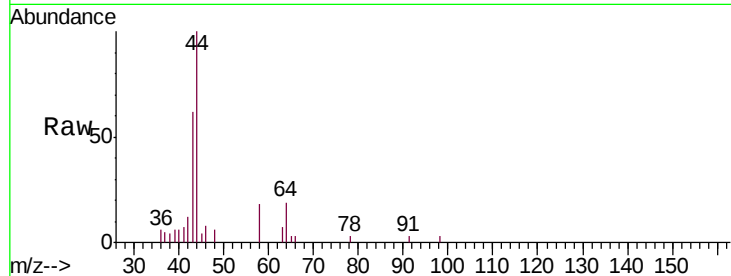
F9C03

Tgt Ion: 43 Resp: 3594

Ion Ratio Lower Upper

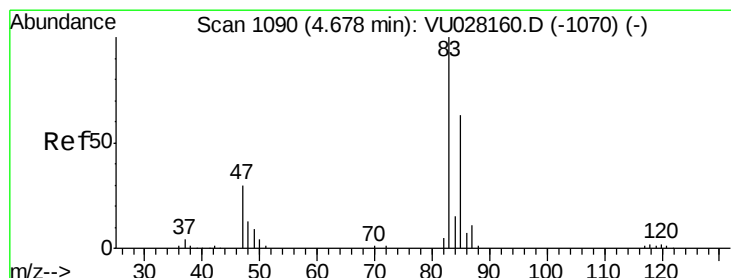
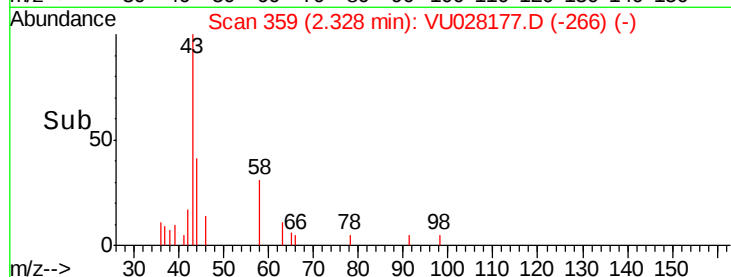
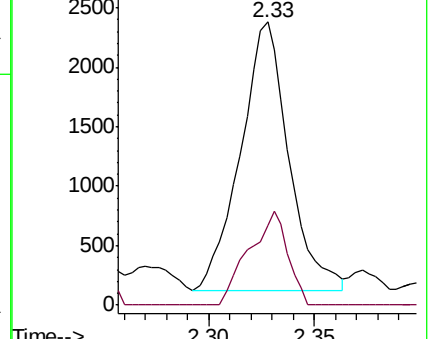
43 100 0.0 61.6

58 28.1 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.055 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU028177.D

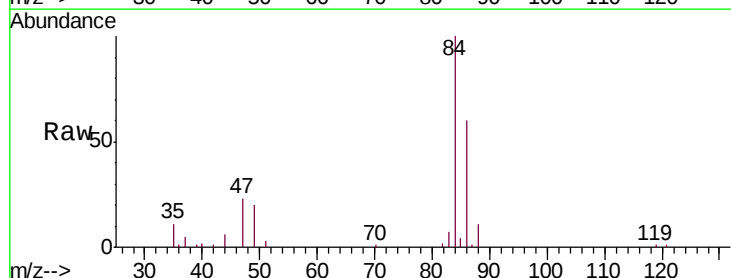
Acq: 15 Nov 2018 17:26

Tgt Ion: 83 Resp: 1225

Ion Ratio Lower Upper

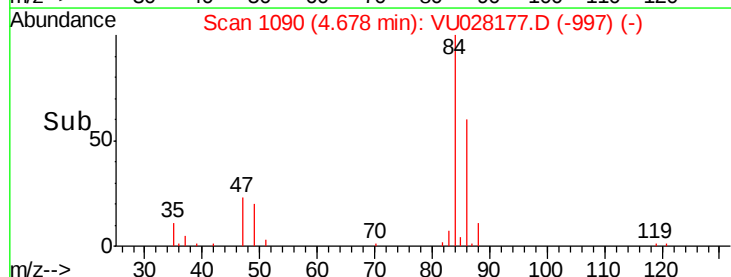
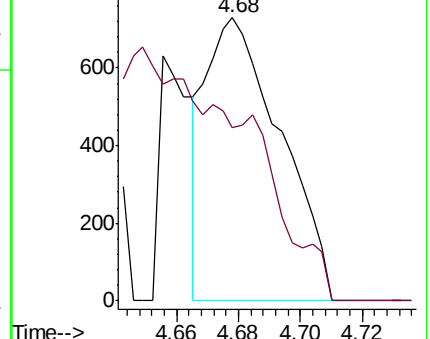
83 100 45.0 83.6

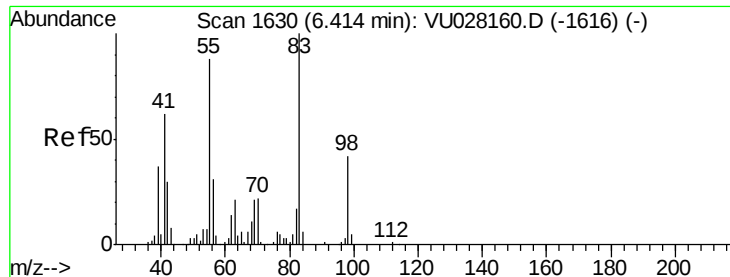
85 61.2 45.0 83.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028177.D

Acq: 15 Nov 2018 17:26

Instrument :

MSVOA_U

ClientSampleId :

F9C03

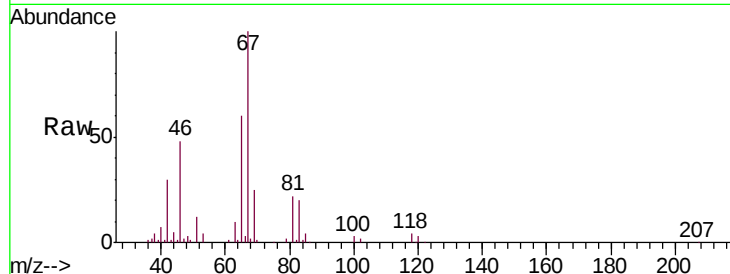
Tgt Ion: 83 Resp: 15182

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

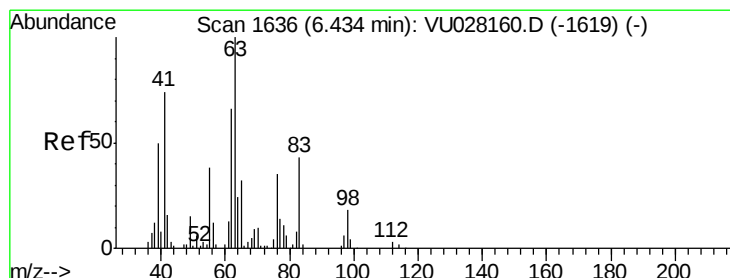
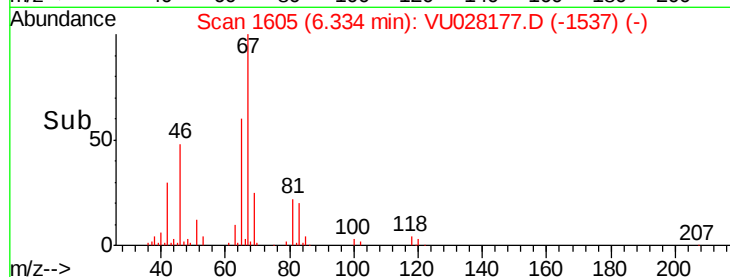
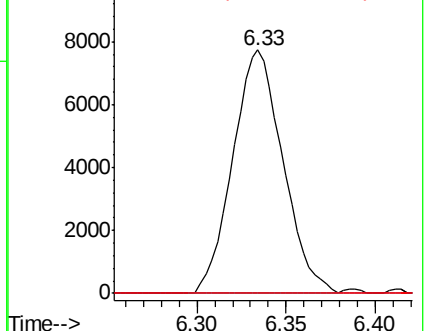
98 0.7 33.3 49.9#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU028177.D

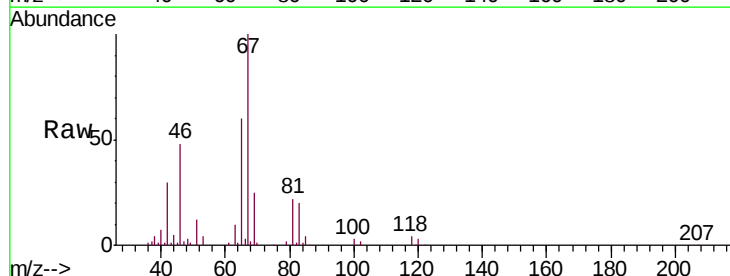
Acq: 15 Nov 2018 17:26

Tgt Ion: 63 Resp: 7915

Ion Ratio Lower Upper

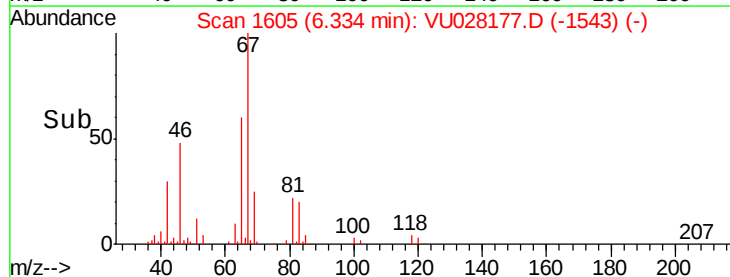
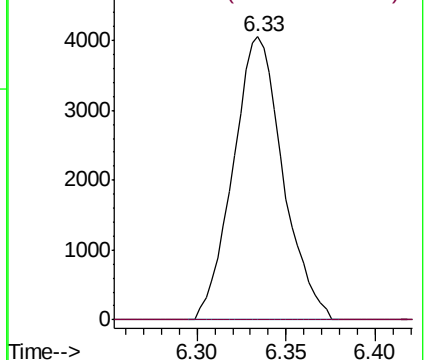
63 100

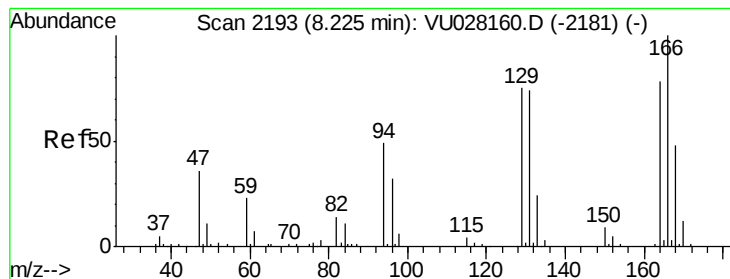
112 0.0 2.2 3.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.587 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028177.D

Acq: 15 Nov 2018 17:26

Instrument :

MSVOA_U

ClientSampleId :

F9C03

Tgt Ion:164 Resp: 6456

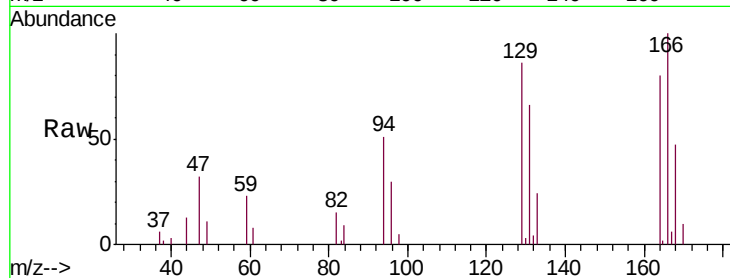
Ion Ratio Lower Upper

164 100

129 107.5 69.7 129.4

131 82.0 64.0 118.8

166 125.1 86.4 160.4

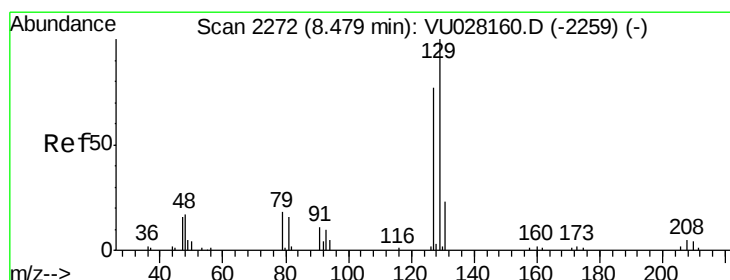
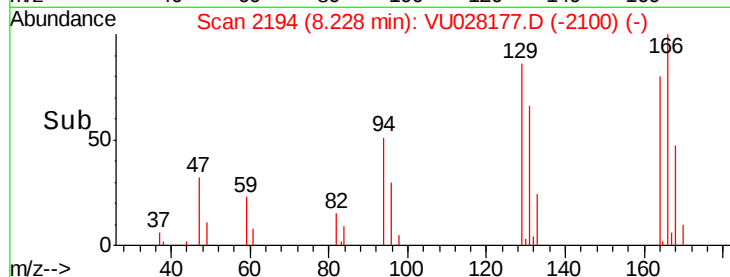
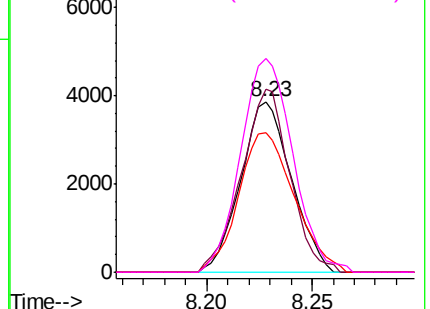


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.681 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU028177.D

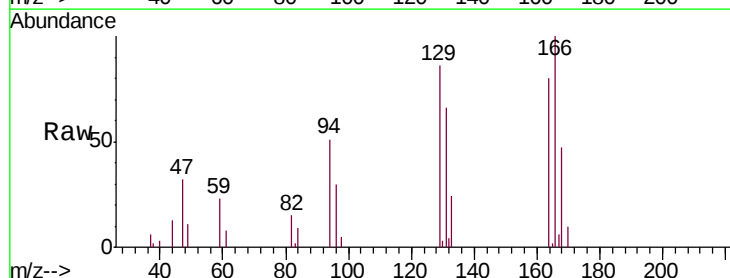
Acq: 15 Nov 2018 17:26

Tgt Ion:129 Resp: 6634

Ion Ratio Lower Upper

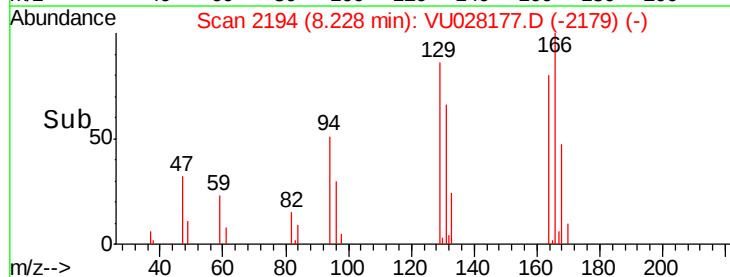
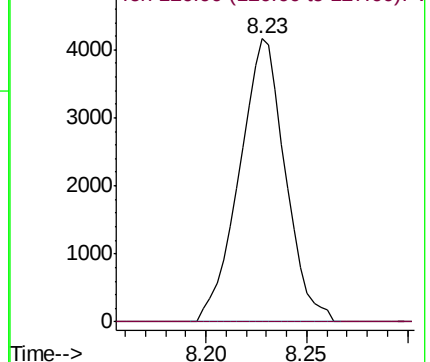
129 100

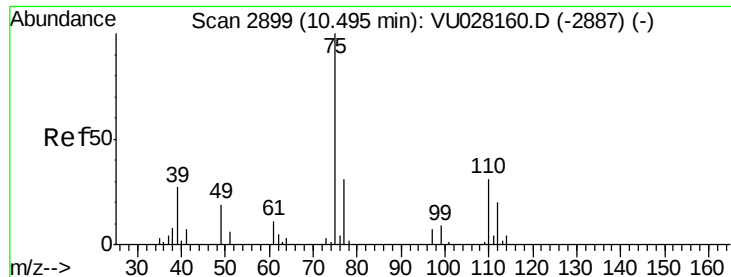
127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.243 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028177.D

Acq: 15 Nov 2018 17:26

Instrument :

MSVOA_U

ClientSampleId :

F9C03

Tgt Ion: 75 Resp: 10571

Ion Ratio Lower Upper

75 100

77 40.6 25.4 38.0#

