

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036108.D
 Acq On : 11 Dec 2019 02:07
 Operator : JC/MD
 Sample : K6240-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:34:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	267217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118379	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.93	69	111345	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	126327	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.70	46	243783	60.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.14%
24) Chloroform-d	5.11	84	180717	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	97926	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	346581	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	111788	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	279626	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.21	79	40029	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.68	63	194024	56.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	107900	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	103259	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

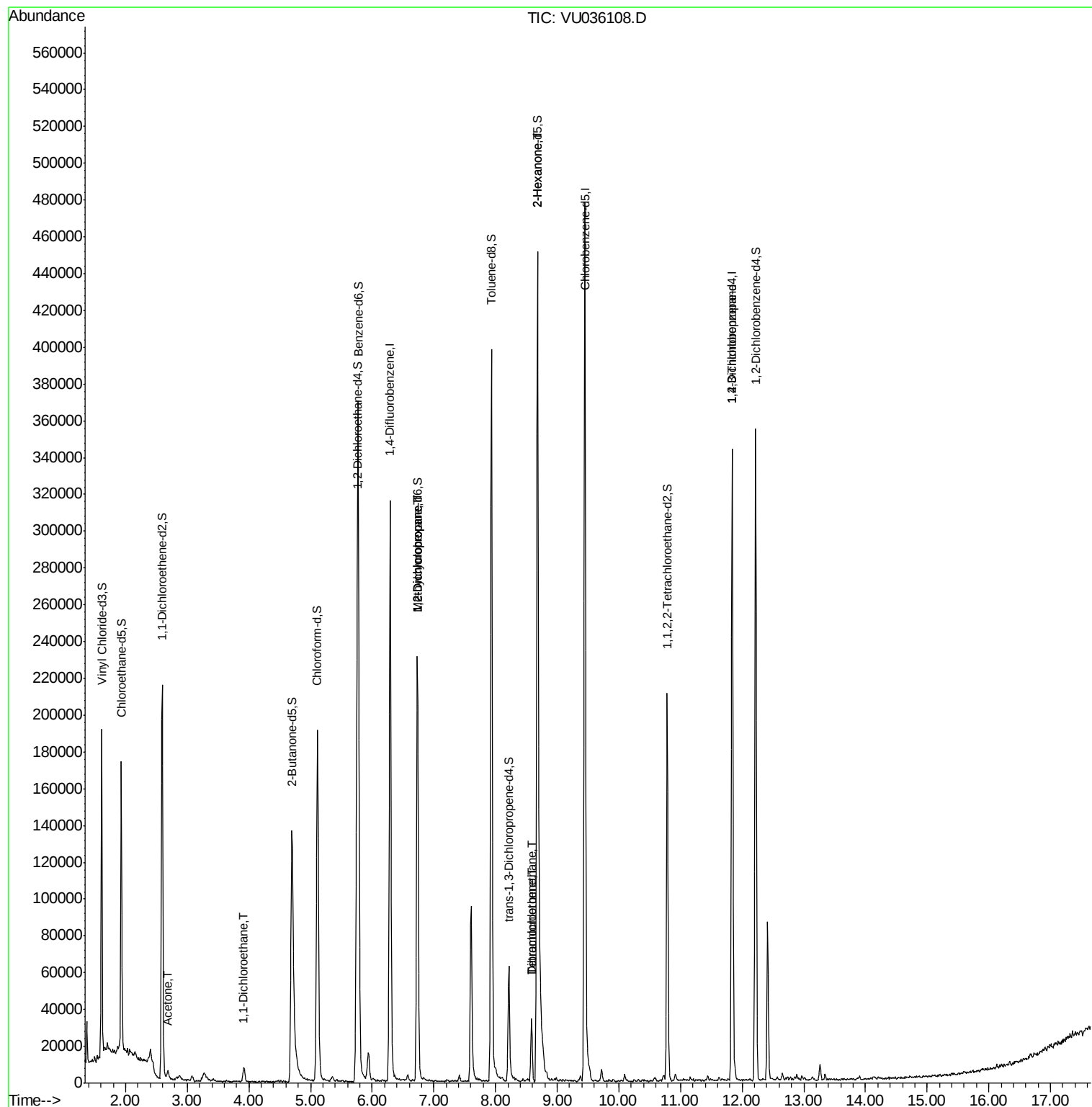
					Ovalue
13) Acetone	2.68	43	5414	1.051	ug/L 86
19) 1,1-Dichloroethane	3.93	63	9015	0.253	ug/L 94
35) Methylcyclohexane	6.73	83	27872	0.955	ug/L # 18
37) 1,2-Dichloropropane	6.73	63	12004	0.584	ug/L # 86
47) Tetrachloroethene	8.59	164	8574	0.414	ug/L 89
48) 2-Hexanone	8.68	43	21783	2.828	ug/L # 63
49) Dibromochloromethane	8.58	129	8239	0.384	ug/L # 12
59) 1,2,3-Trichloropropane	11.84	75	11776	0.801	ug/L 96

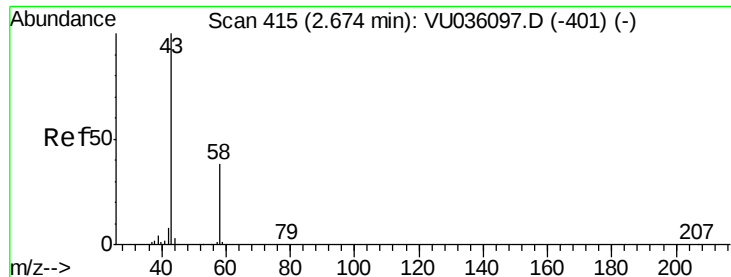
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.051 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU036108.D

Acq: 11 Dec 2019 02:07

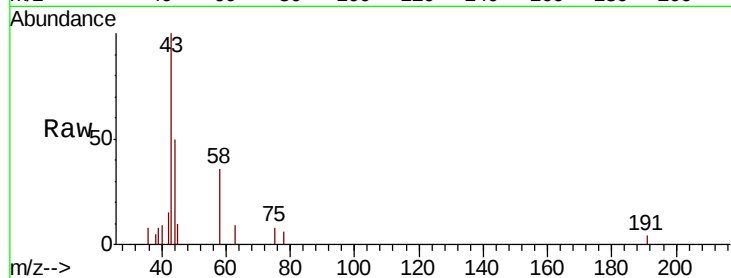
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5414

Ion Ratio Lower Upper

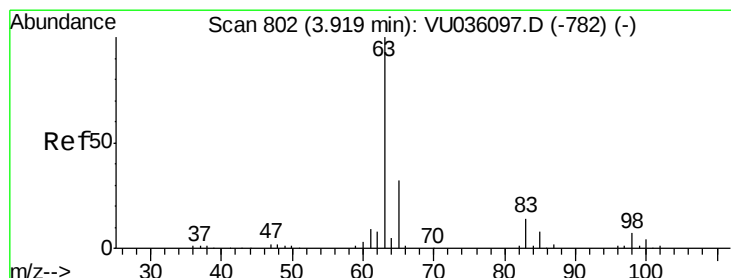
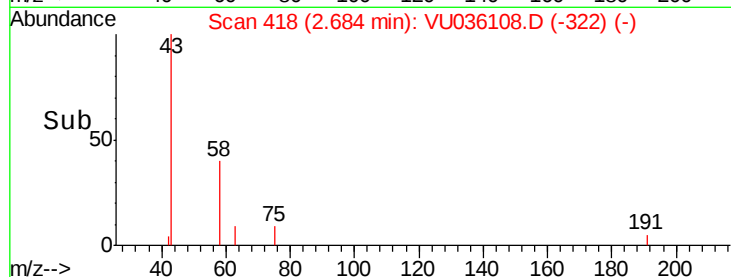
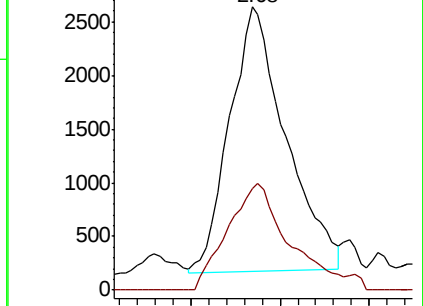
43 100

58 45.2 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036108.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036108.D (-322) (-)



#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.93 min Scan# 804

Delta R.T. 0.01 min

Lab File: VU036108.D

Acq: 11 Dec 2019 02:07

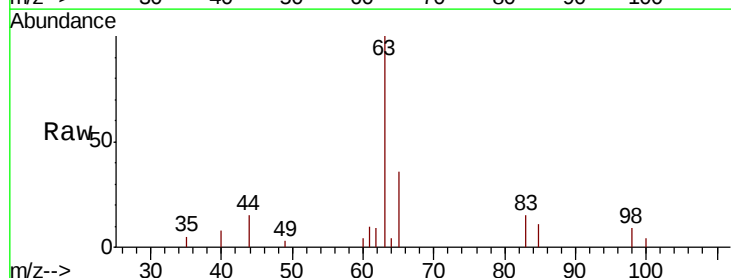
Tgt Ion: 63 Resp: 9015

Ion Ratio Lower Upper

63 100

65 35.6 21.8 40.4

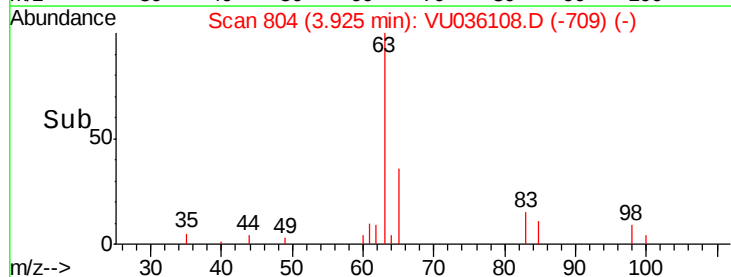
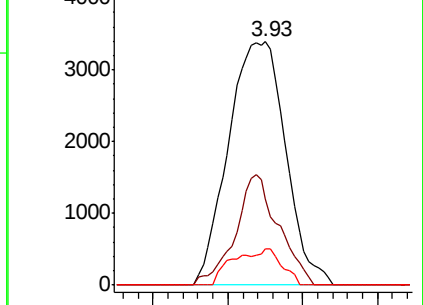
83 15.0 10.1 18.9

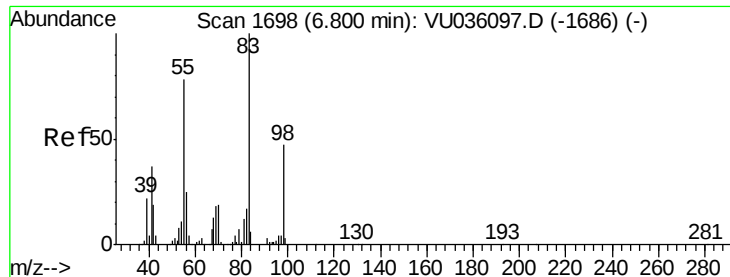


Abundance Ion 63.10 (62.80 to 63.80): VU036108.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU036108.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU036108.D (-709) (-)





#35

Methylcyclohexane

Concen: 0.955 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036108.D

Acq: 11 Dec 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

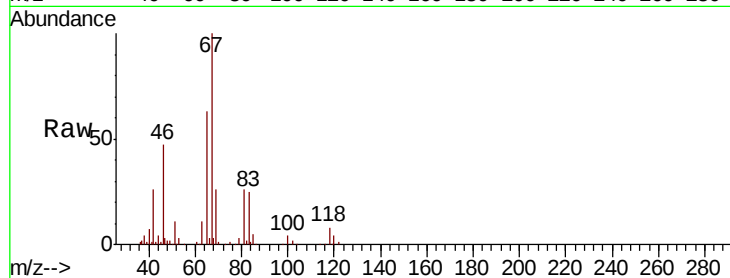
Tot Ion: 83 Resp: 27872

Ion Ratio Lower Upper

83 100

55 0.3 62.1 93.1#

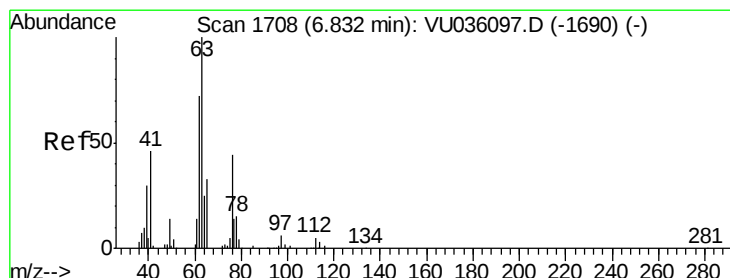
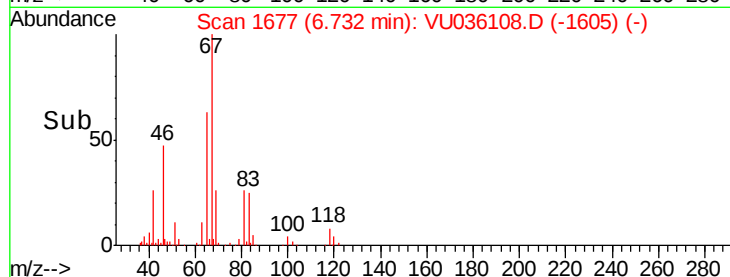
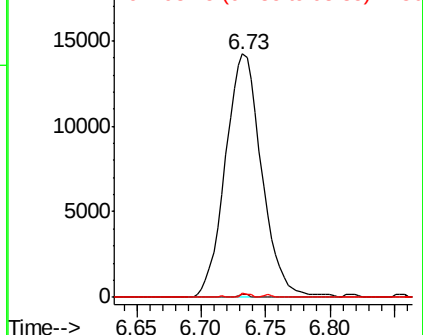
98 0.4 37.0 55.4#



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: 0.584 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036108.D

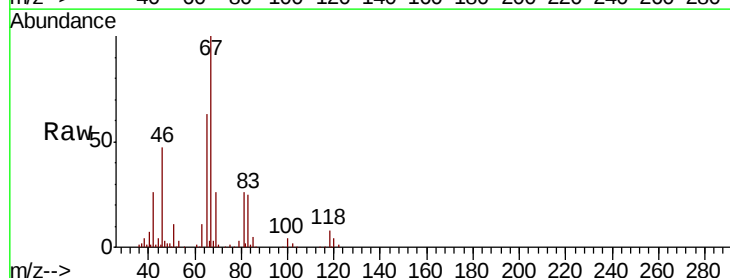
Acq: 11 Dec 2019 02:07

Tgt Ion: 63 Resp: 12004

Ion Ratio Lower Upper

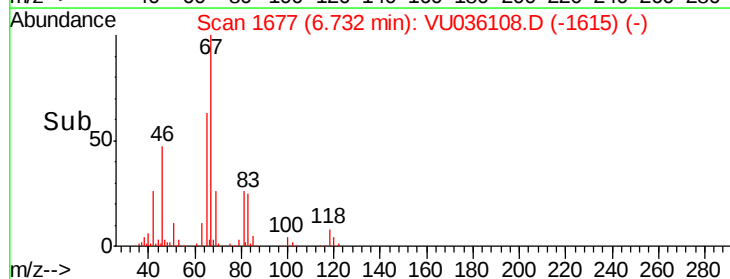
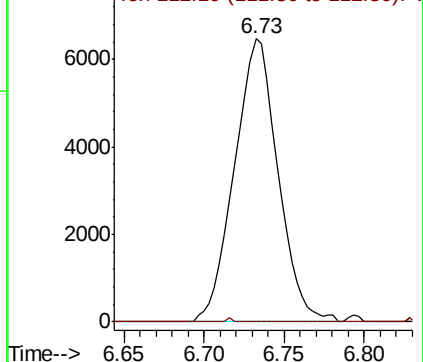
63 100

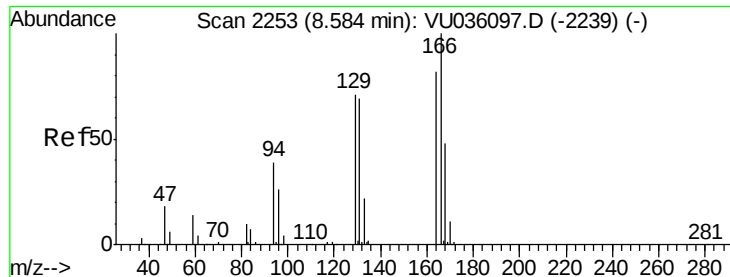
112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.414 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU036108.D

Acq: 11 Dec 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 8574

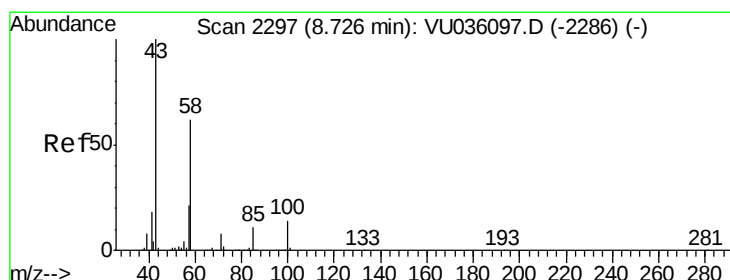
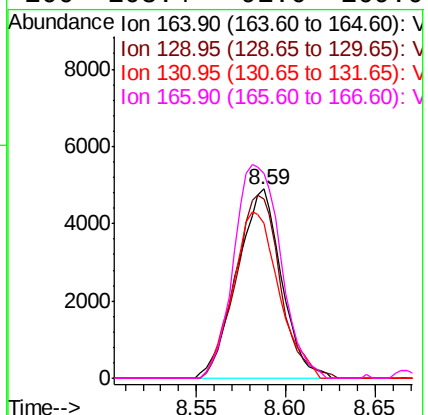
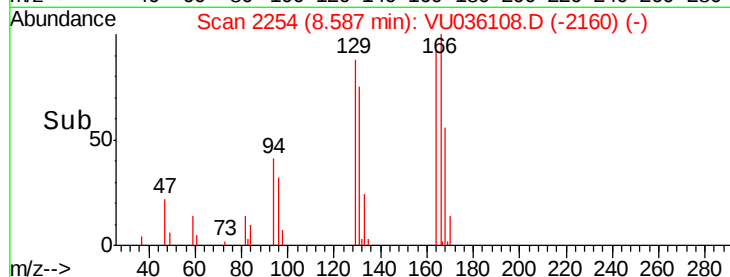
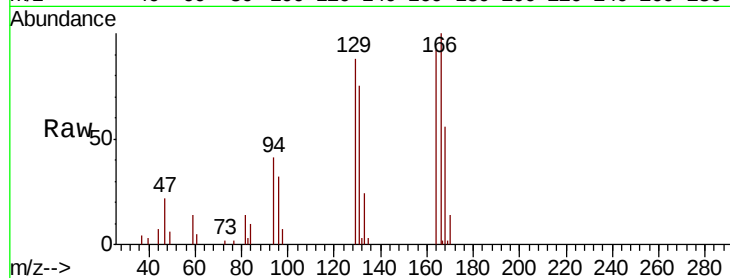
Ion Ratio Lower Upper

164 100

129 95.0 63.1 117.3

131 81.6 61.5 114.1

166 108.4 91.0 169.0



#48

2-Hexanone

Concen: 2.828 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

Lab File: VU036108.D

Acq: 11 Dec 2019 02:07

Tgt Ion: 43 Resp: 21783

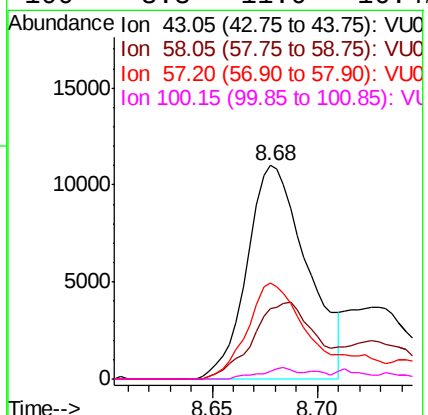
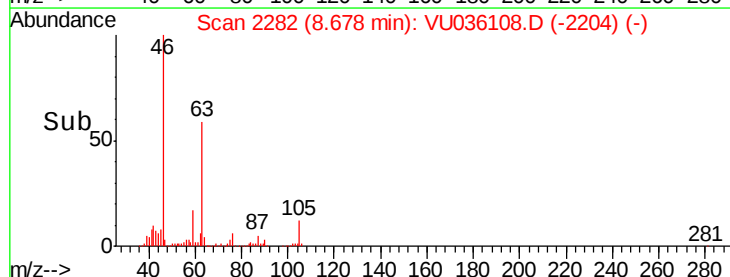
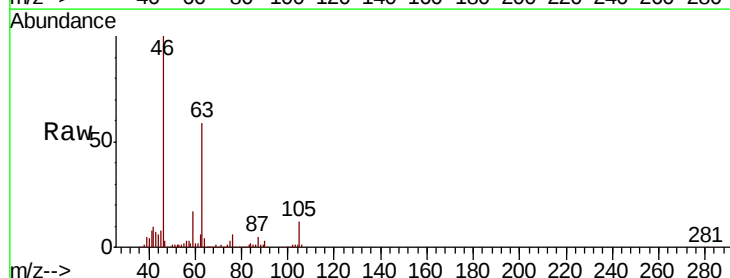
Ion Ratio Lower Upper

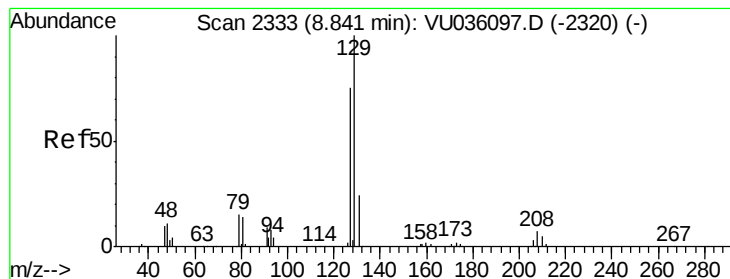
43 100

58 36.3 46.9 70.3#

57 49.8 16.4 24.6#

100 3.3 11.0 16.4#





#49

Dibromochloromethane

Concen: 0.384 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU036108.D

Acq: 11 Dec 2019 02:07

Instrument :

MSVOA_U

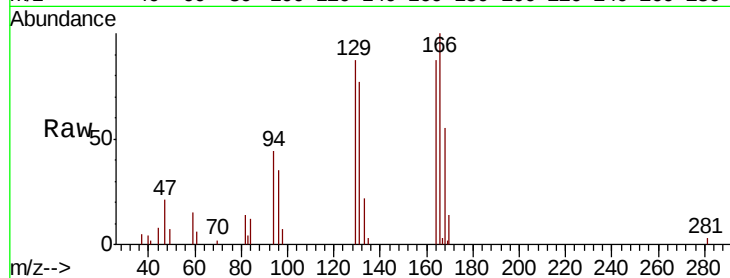
ClientSampleId :

Tot Ion:129 Resp: 8239

Ion Ratio Lower Upper

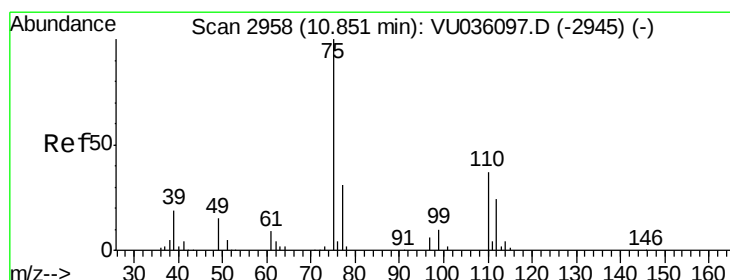
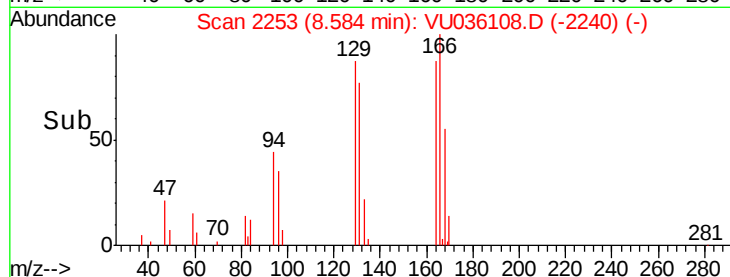
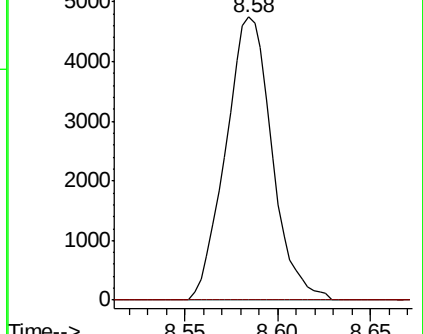
129 100

127 0.0 52.5 97.5#



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: 0.801 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036108.D

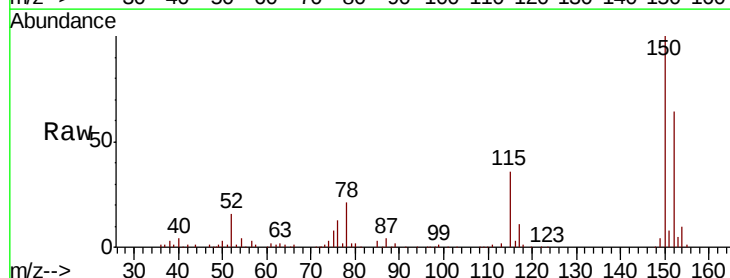
Acq: 11 Dec 2019 02:07

Tgt Ion: 75 Resp: 11776

Ion Ratio Lower Upper

75 100

77 35.9 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

