

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120619\
 Data File : VU036034.D
 Acq On : 06 Dec 2019 19:50
 Operator : JC/SP
 Sample : K6105-13DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE32DL

Quant Time: Dec 07 00:56:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 22:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	293890	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	312517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	105400	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	138359	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.93	69	152195	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.59	63	175353	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.70	46	291523	49.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	5.11	84	218586	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.75	65	116187	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	437474	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	135907	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.93	98	366483	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.21	79	53925	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.68	63	238979	50.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.40%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117807	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	118274	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

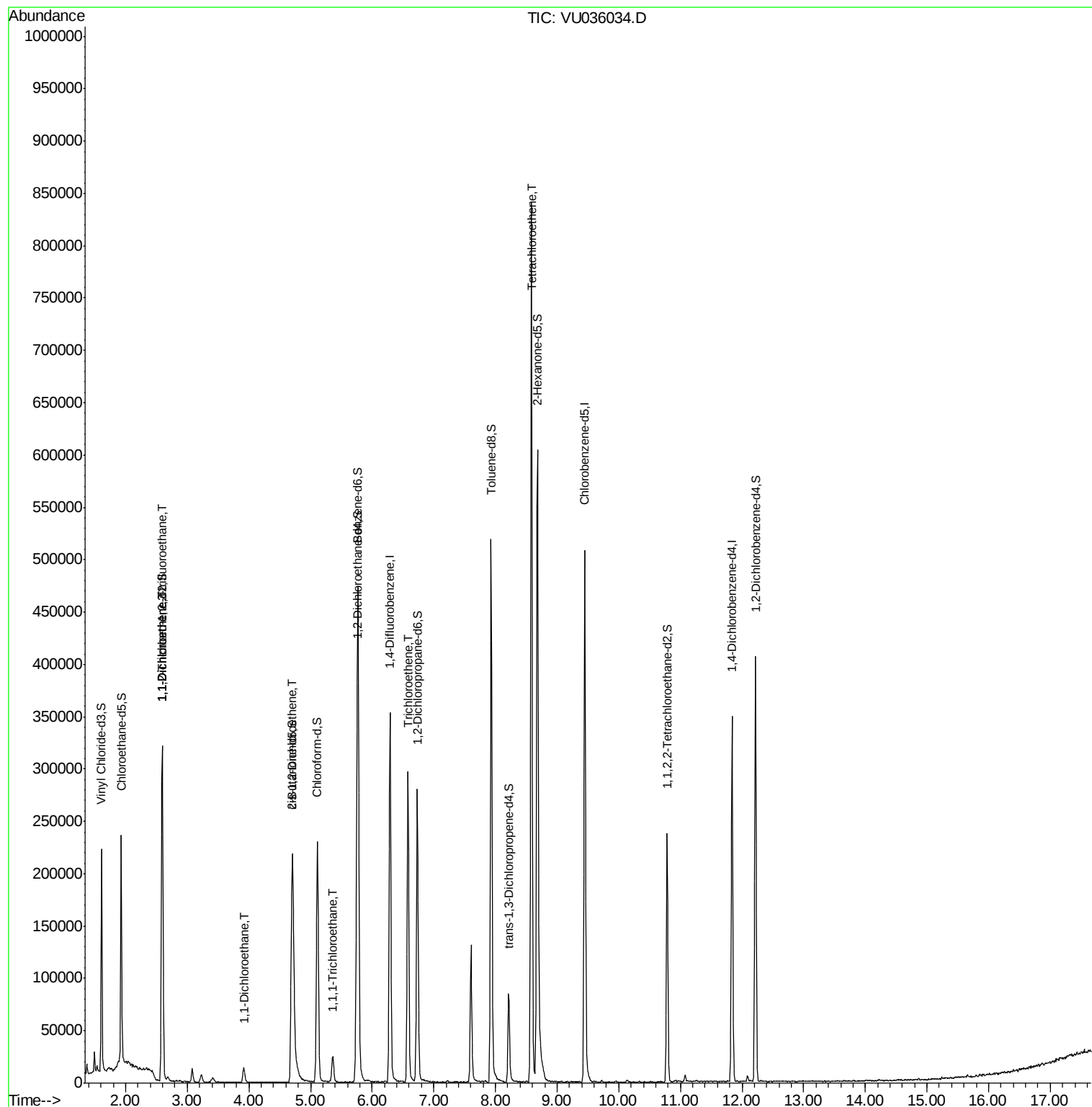
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5904	0.261 ug/L #	70
12) 1,1-Dichloroethene	2.60	96	31522	1.497 ug/L #	33
19) 1,1-Dichloroethane	3.92	63	15759	0.361 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	41842	1.776 ug/L	87
29) 1,1,1-Trichloroethane	5.36	97	17595	0.466 ug/L	97
34) Trichloroethene	6.58	95	101689	4.092 ug/L	95
47) Tetrachloroethene	8.58	164	202192	10.010 ug/L	96

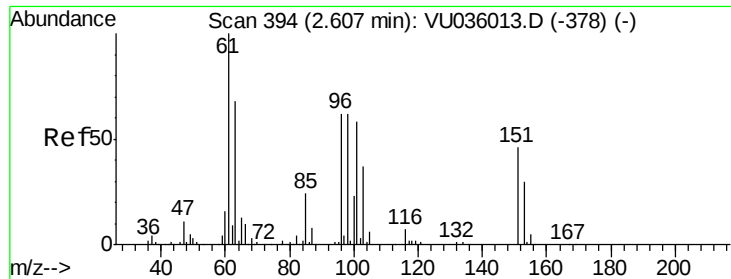
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration





#10

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

Concen: 0.261 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

BFE32DL

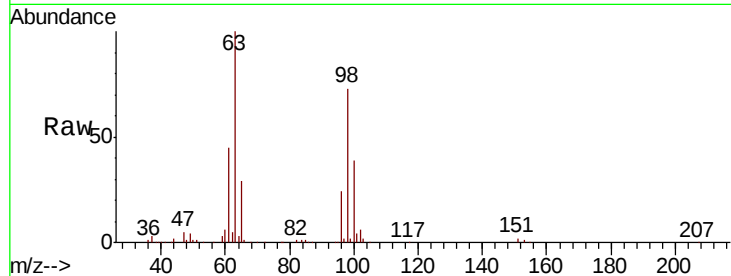
Tot Ion:101 Resp: 5904

Ion Ratio Lower Upper

101 100

85 22.5 35.5 53.3#

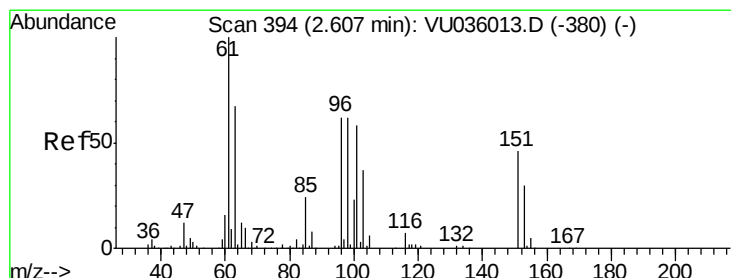
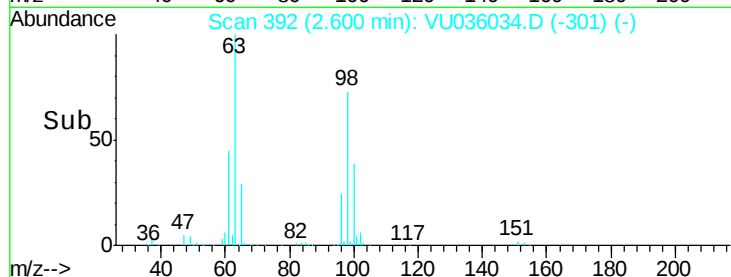
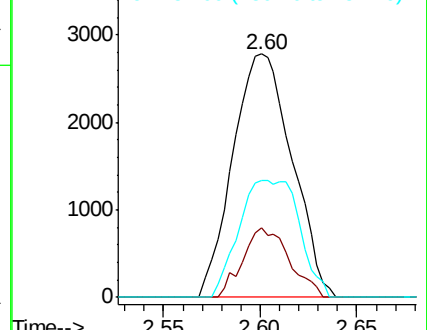
151 49.0 57.5 86.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.497 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

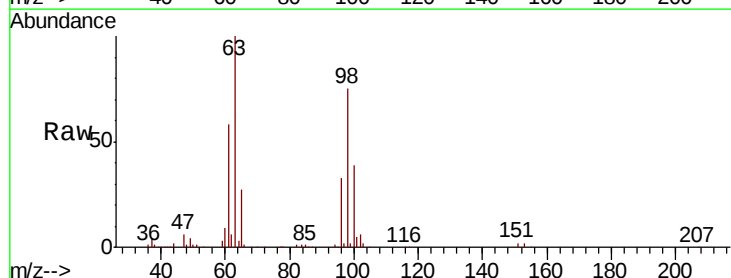
Tgt Ion: 96 Resp: 31522

Ion Ratio Lower Upper

96 100

61 174.9 127.1 236.1

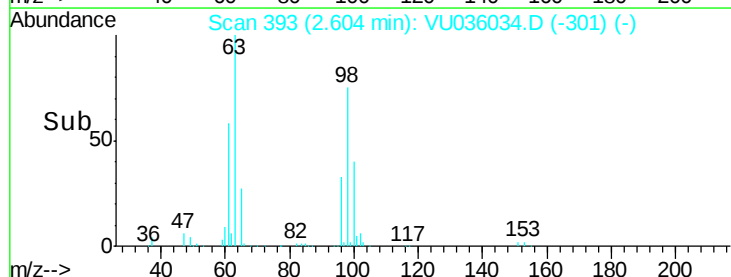
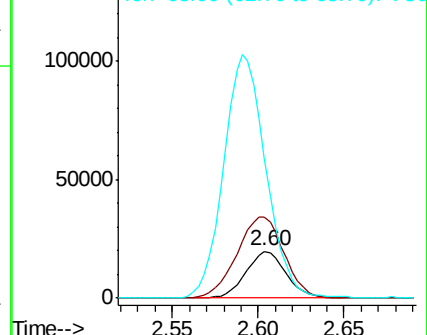
63 301.5 86.0 159.8#

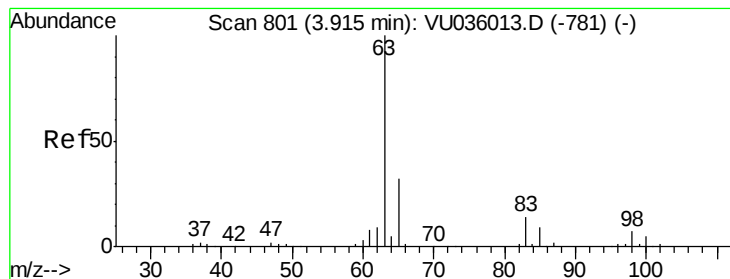


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#19

1,1-Dichloroethane

Concen: 0.361 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

BFE32DL

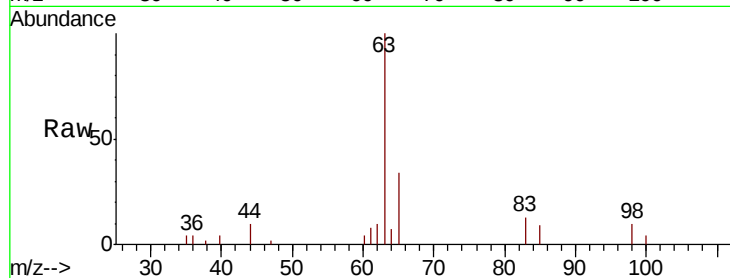
Tot Ion: 63 Resp: 15759

Ion Ratio Lower Upper

63 100

65 33.6 22.4 41.6

83 13.2 9.8 18.2

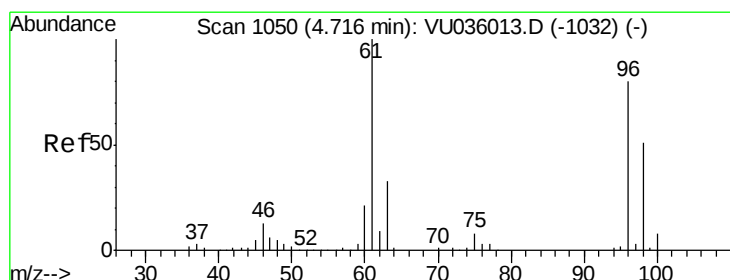
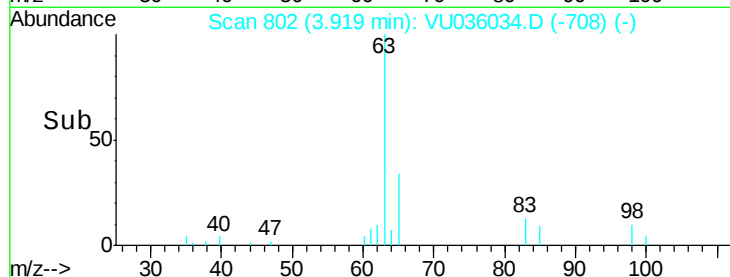


Abundance Ion 63.10 (62.80 to 63.80): VU036034.D (-781) (-)

Ion 65.10 (64.80 to 65.80): VU036034.D (-781) (-)

Ion 83.05 (82.75 to 83.75): VU036034.D (-781) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.776 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

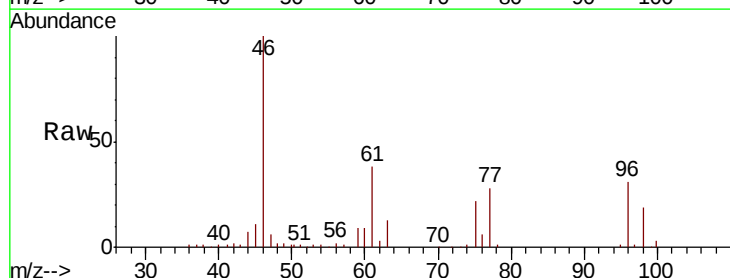
Tgt Ion: 96 Resp: 41842

Ion Ratio Lower Upper

96 100

61 121.3 95.7 177.7

68 0.0 0.0 0.0

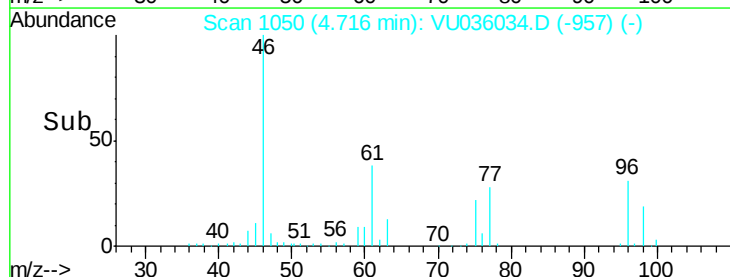


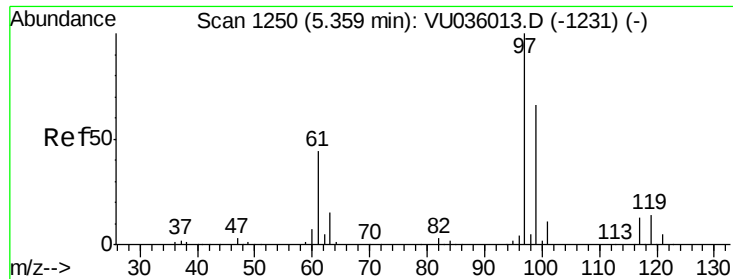
Abundance Ion 96.00 (95.70 to 96.70): VU036034.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU036034.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU036034.D (-957) (-)

Time-->

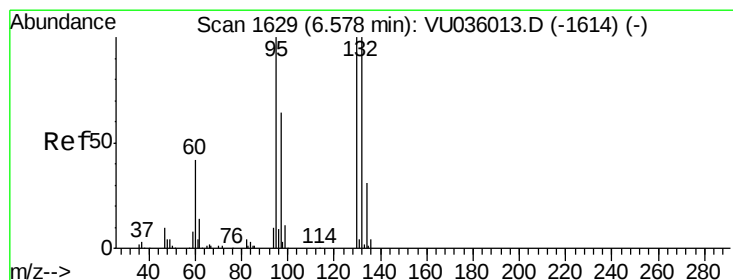
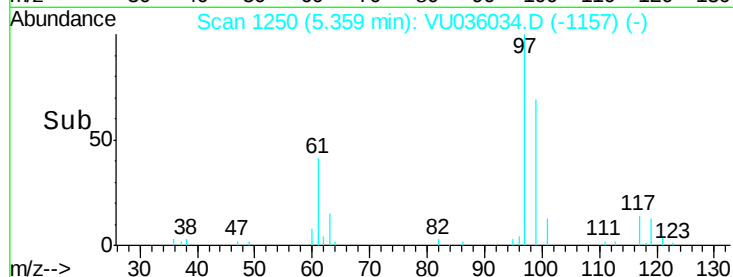
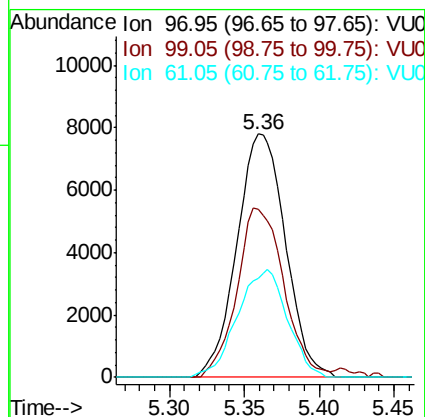
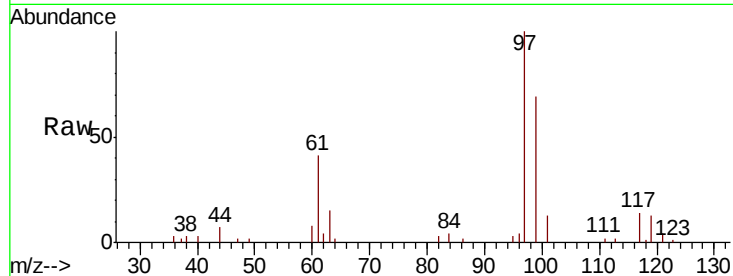




#29
1,1,1-Trichloroethane
Concen: 0.466 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU036034.D
Acq: 06 Dec 2019 19:50

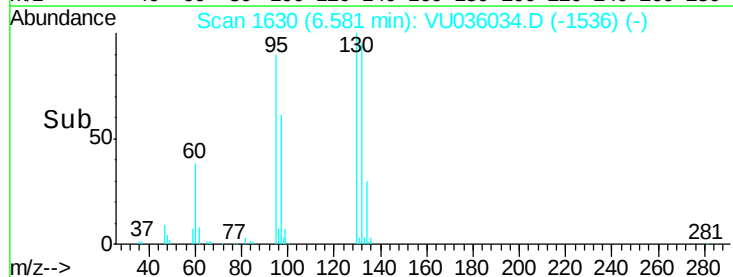
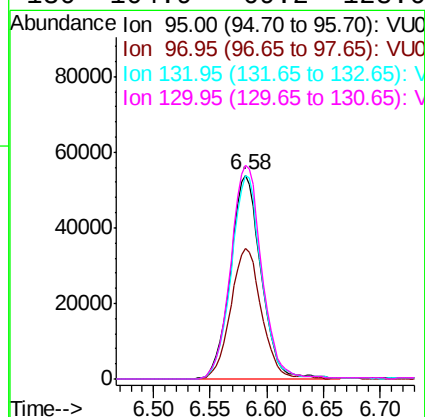
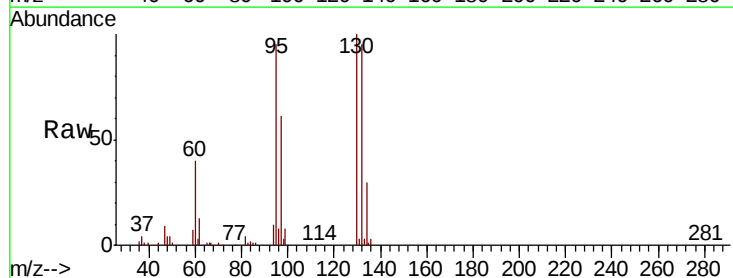
Instrument :
MSVOA_U
ClientSampled :
BFE32DL

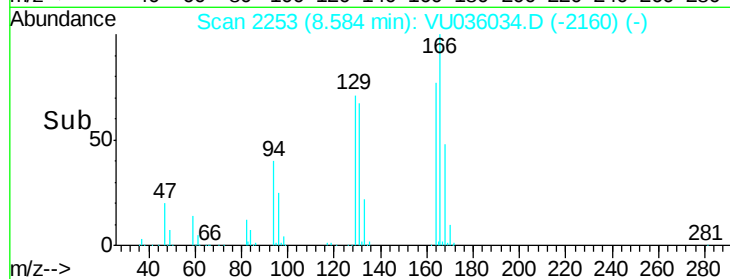
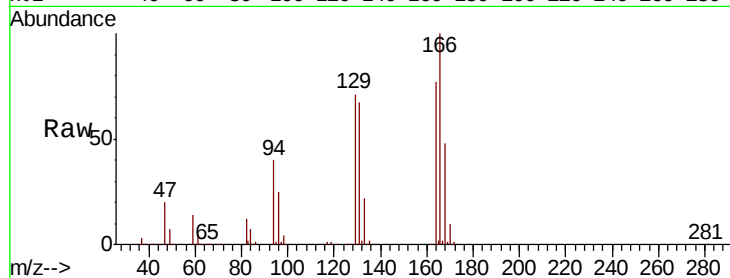
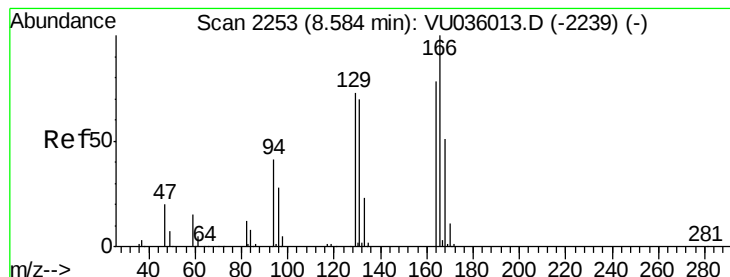
Tot Ion: 97 Resp: 17595
Ion Ratio Lower Upper
97 100
99 67.3 51.8 77.8
61 45.6 37.6 56.4



#34
Trichloroethene
Concen: 4.092 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036034.D
Acq: 06 Dec 2019 19:50

Tgt Ion: 95 Resp: 101689
Ion Ratio Lower Upper
95 100
97 64.1 46.3 85.9
132 99.7 65.7 122.1
130 104.9 69.2 128.6





#47

Tetrachloroethene

Concen: 10.010 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

BFE32DL

Tot Ion:164 Resp: 202192

Ion Ratio Lower Upper

164 100

129 91.6 67.9 126.1

131 86.6 64.1 119.1

166 129.2 92.6 172.0

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

