

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036050.D
 Acq On : 09 Dec 2019 16:24
 Operator : JC/MD
 Sample : K6105-15RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE34RE

Quant Time: Dec 10 02:49:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 01:47:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	229225	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	234760	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	51059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	109070	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.93	69	126468	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	2.59	63	156874	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.69	46	163063	46.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.68%
24) Chloroform-d	5.11	84	165016	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.75	65	93905	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.77	84	339554	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.73	67	107497	6.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.00%
41) Toluene-d8	7.93	98	270344	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.21	79	31210	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.70	63	129019	47.74	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	88778	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	61438	6.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.00%#

Target Compounds

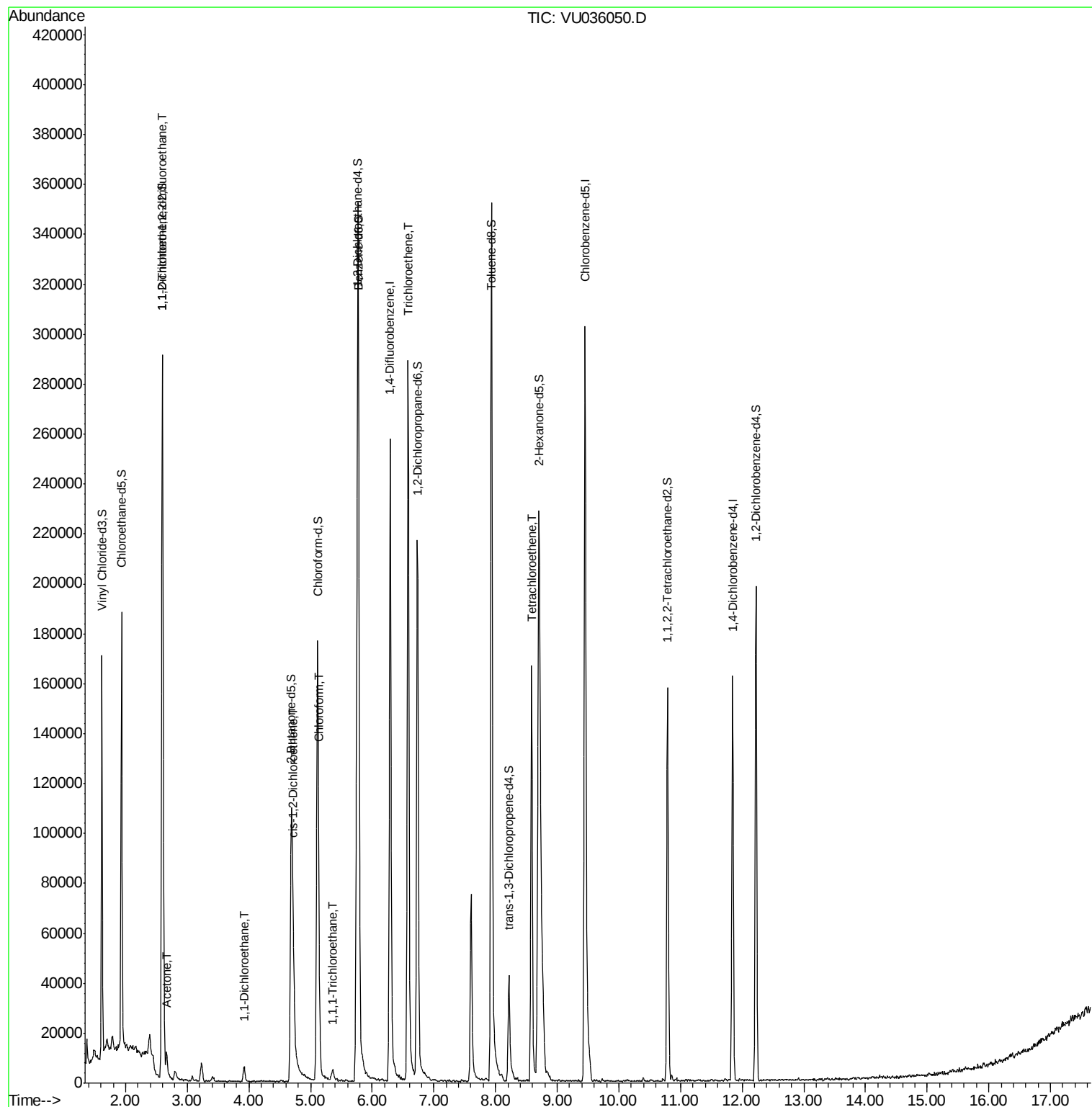
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	19458	0.877	ug/L	97
13) Acetone	2.66	43	9038	2.045	ug/L	98
19) 1,1-Dichloroethane	3.93	63	7444	0.244	ug/L	89
22) cis-1,2-Dichloroethene	4.72	96	14333	0.802	ug/L	89
25) Chloroform	5.14	83	18557	0.545	ug/L	90
29) 1,1,1-Trichloroethane	5.36	97	3103	0.117	ug/L #	83
34) Trichloroethene	6.58	95	100575	5.904	ug/L	98
47) Tetrachloroethene	8.58	164	43022	2.656	ug/L	96

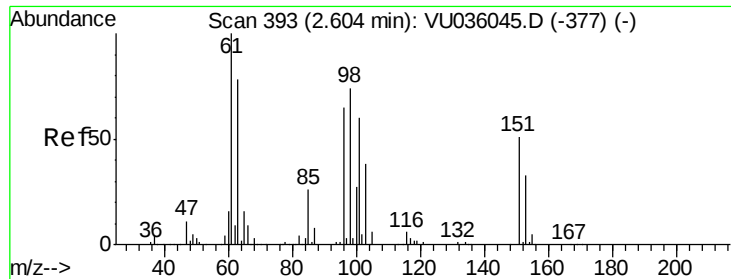
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.877 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036050.D

Acq: 09 Dec 2019 16:24

Instrument :

MSVOA_U

ClientSampleId :

BFE34RE

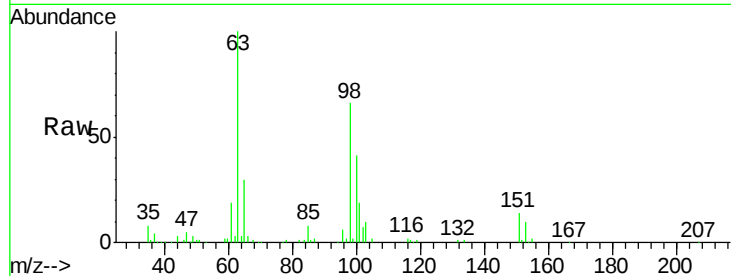
Tot Ion:101 Resp: 19458

Ion Ratio Lower Upper

101 100

85 41.0 33.1 49.7

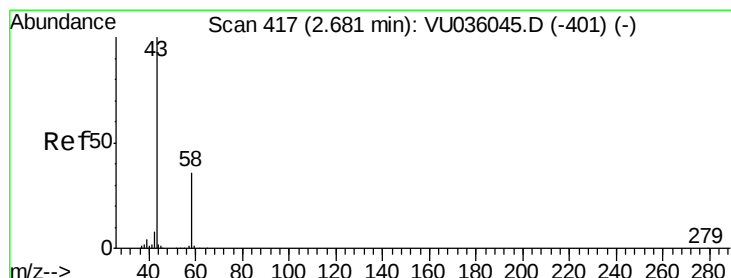
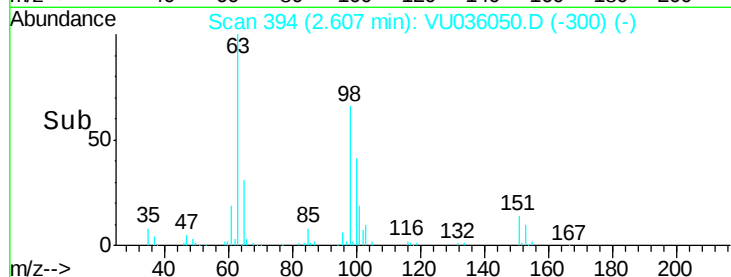
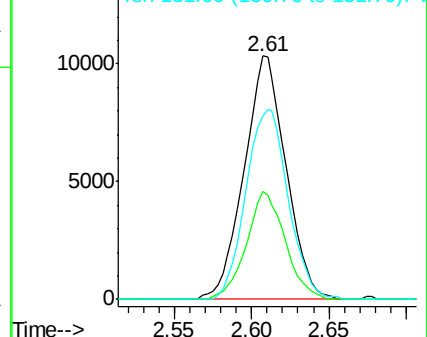
151 78.8 66.5 99.7



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



#13

Acetone

Concen: 2.045 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036050.D

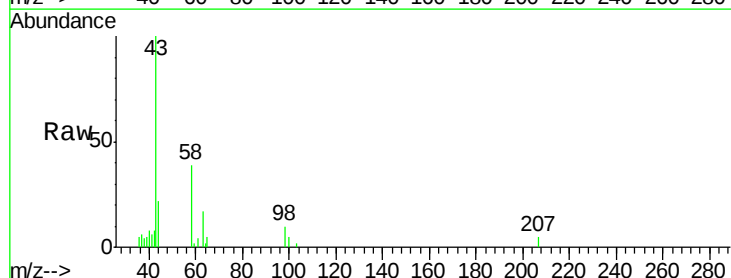
Acq: 09 Dec 2019 16:24

Tgt Ion: 43 Resp: 9038

Ion Ratio Lower Upper

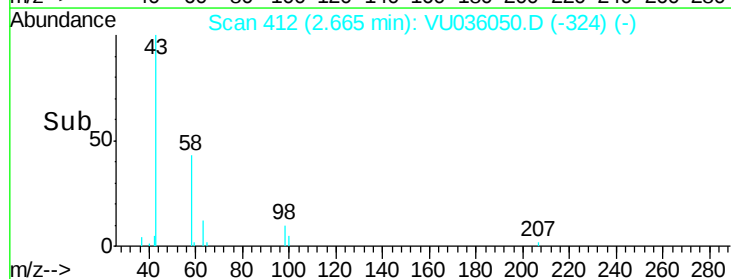
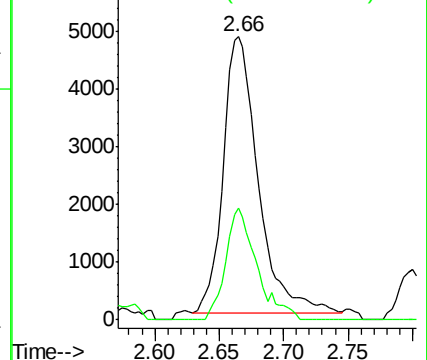
43 100

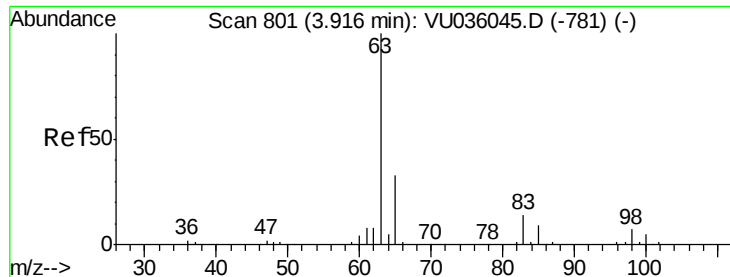
58 36.0 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

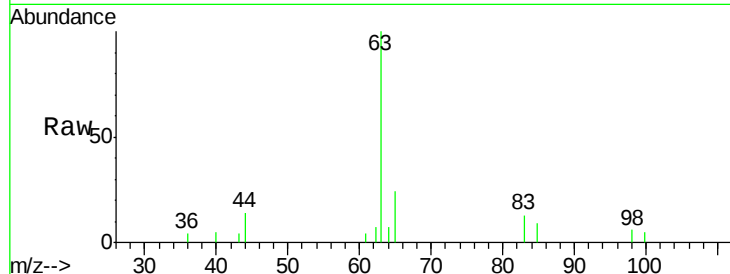




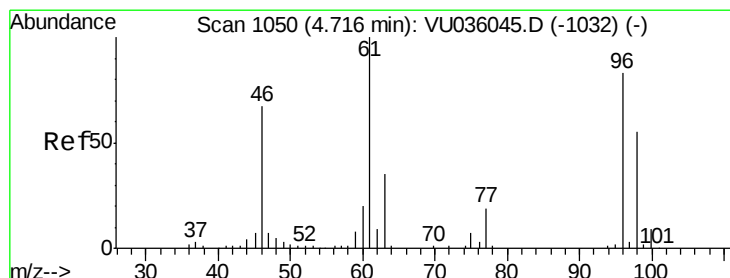
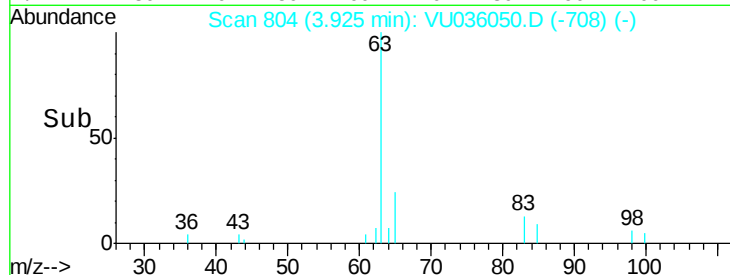
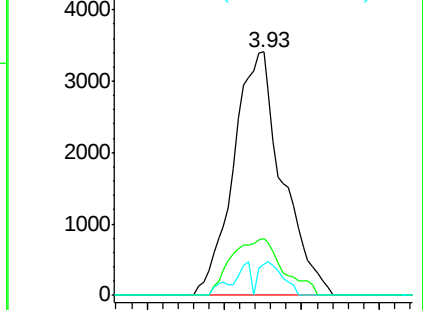
#19
 1,1-Dichloroethane
 Concen: 0.244 ug/L
 RT: 3.93 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: VU036050.D
 Acq: 09 Dec 2019 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE34RE

Tot Ion: 63 Resp: 7444
 Ion Ratio Lower Upper
 63 100
 65 23.5 21.8 40.4
 83 12.8 10.1 18.9

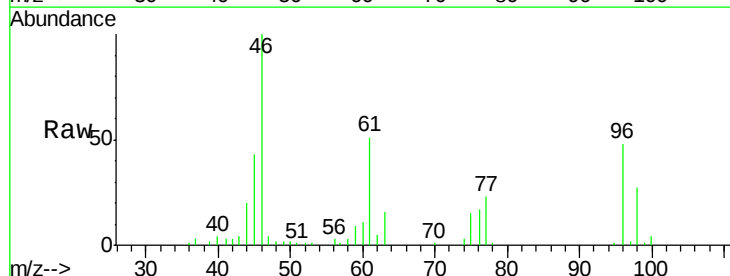


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

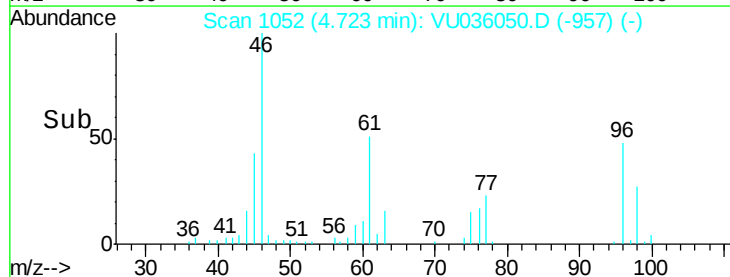
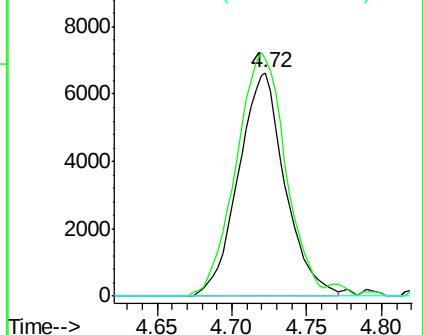


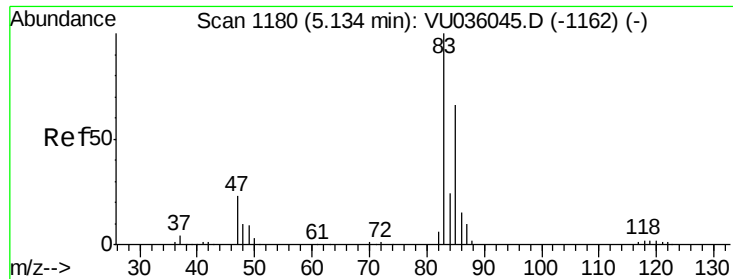
#22
 cis-1,2-Dichloroethene
 Concen: 0.802 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VU036050.D
 Acq: 09 Dec 2019 16:24

Tgt Ion: 96 Resp: 14333
 Ion Ratio Lower Upper
 96 100
 61 106.3 83.0 154.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

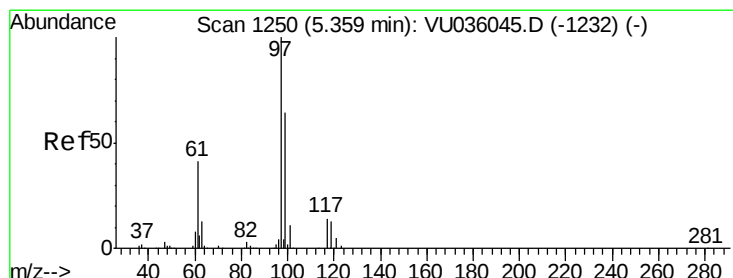
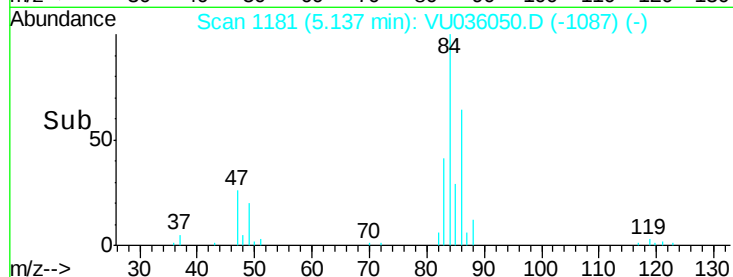
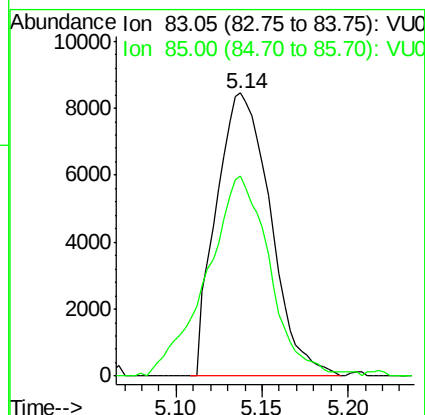
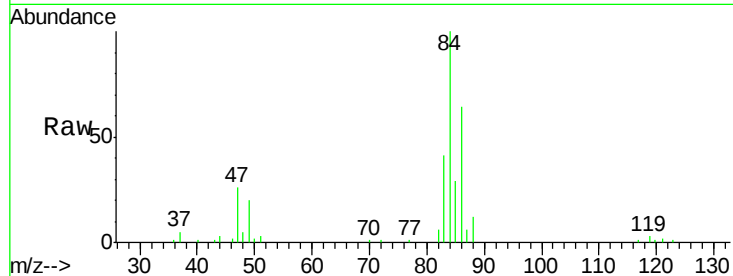




#25
Chloroform
Concen: 0.545 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

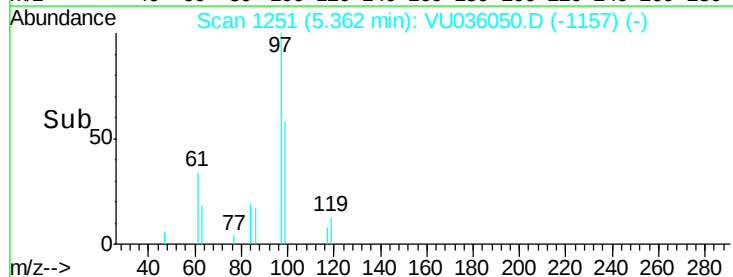
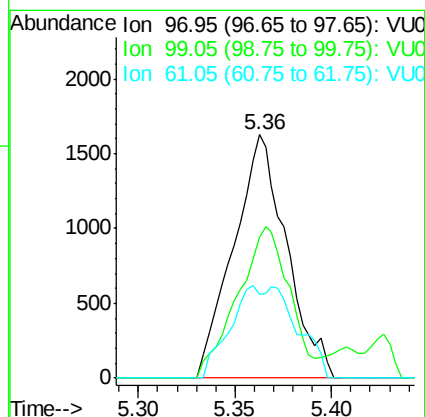
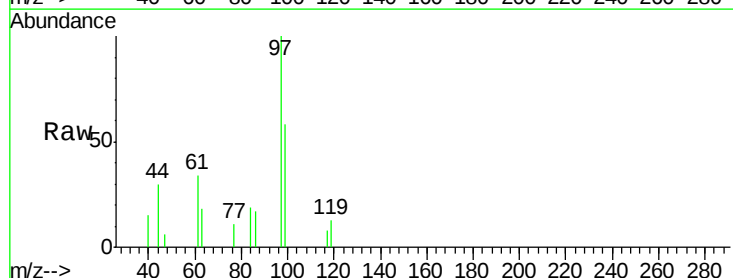
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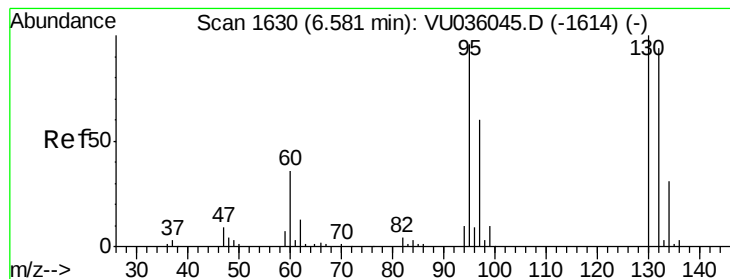
Tot Ion: 83 Resp: 18557
Ion Ratio Lower Upper
83 100
85 70.7 43.9 81.5



#29
1,1,1-Trichloroethane
Concen: 0.117 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Tgt Ion: 97 Resp: 3103
Ion Ratio Lower Upper
97 100
99 60.8 52.2 78.2
61 22.1 34.7 52.1#





#34

Trichloroethene

Concen: 5.904 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036050.D

Acq: 09 Dec 2019 16:24

Instrument :

MSVOA_U

ClientSampleId :

BFE34RE

Tot Ion: 95 Resp: 100575

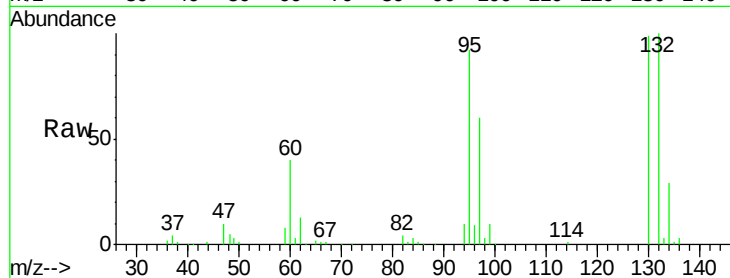
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.4

132 108.3 73.4 136.4

130 106.8 75.9 141.1

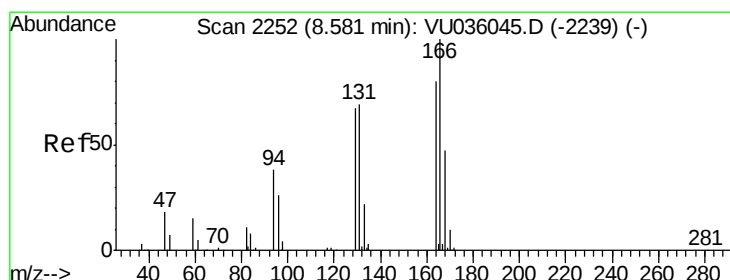
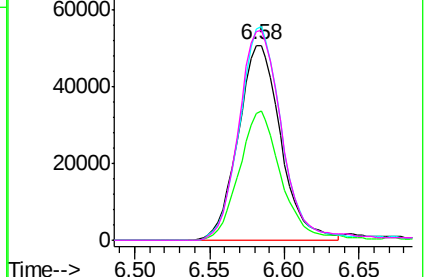
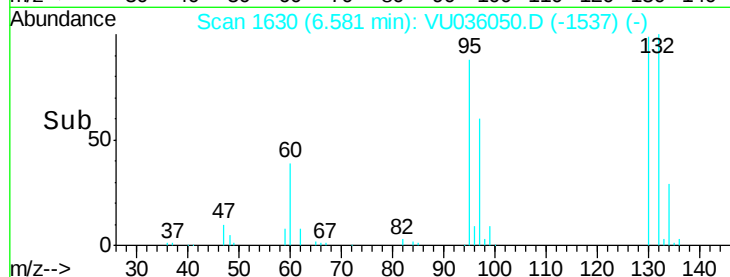


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.656 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036050.D

Acq: 09 Dec 2019 16:24

Tgt Ion: 164 Resp: 43022

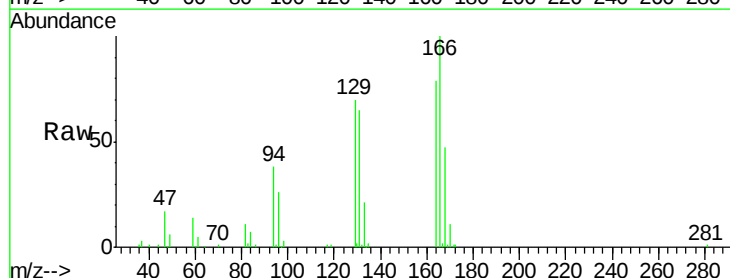
Ion Ratio Lower Upper

164 100

129 88.0 63.1 117.3

131 81.6 61.5 114.1

166 126.0 91.0 169.0



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

