

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120519\
 Data File : VU035993.D
 Acq On : 05 Dec 2019 14:45
 Operator : JC/SP
 Sample : K6105-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE26

Quant Time: Dec 06 01:23:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 00:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	306425	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	339989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135671	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.93	69	115621	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.59	63	166421	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.70	46	283631	45.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.70%
24) Chloroform-d	5.11	84	217912	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	115190	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.77	84	423028	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.73	67	140673	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.93	98	354836	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.22	79	52456	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.68	63	214207	41.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117358	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	113218	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

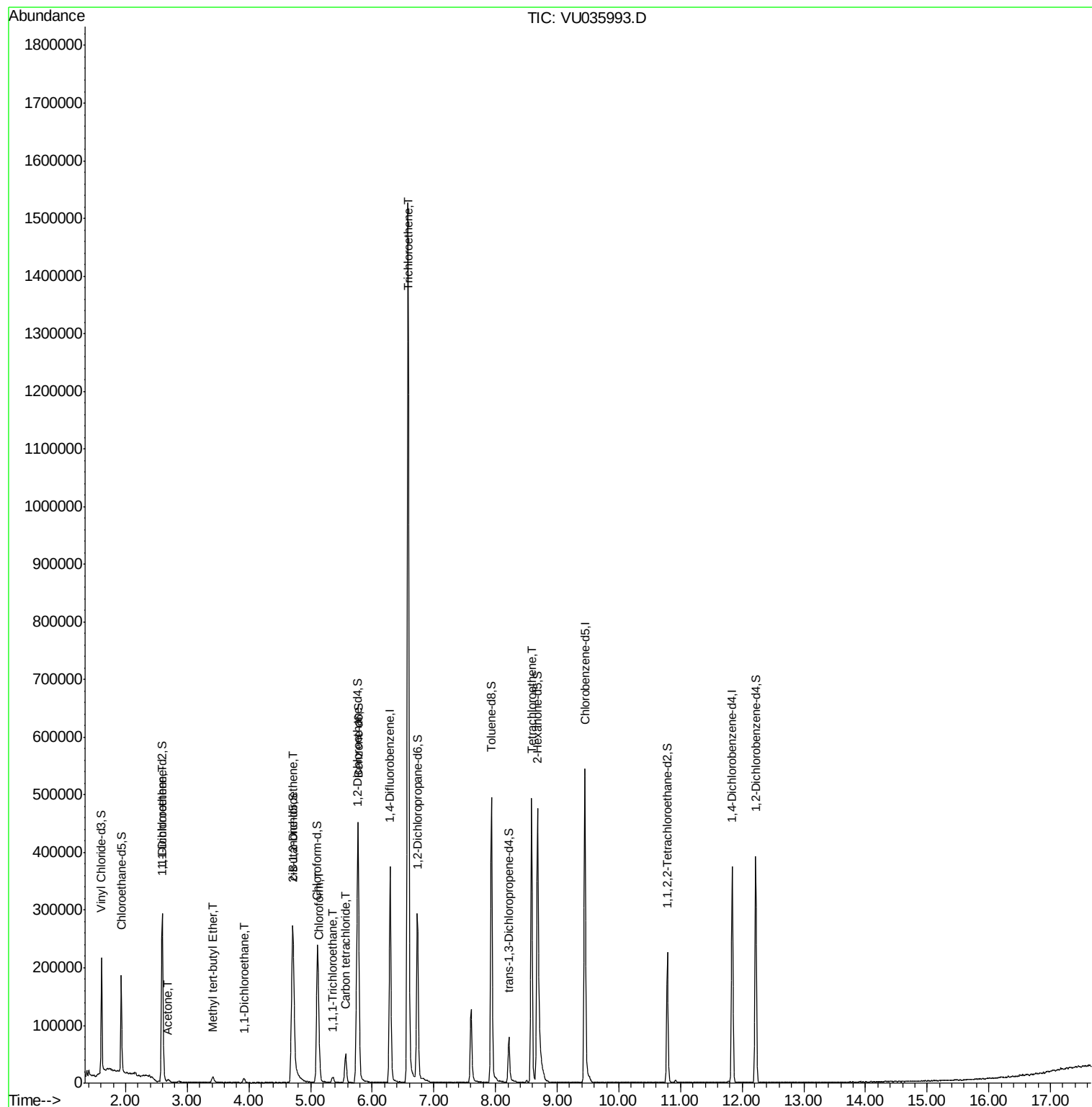
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	19626	0.894	ug/L	# 9
13) Acetone	2.69	43	5812	1.039	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	9617	0.187	ug/L	92
19) 1,1-Dichloroethane	3.92	63	8553	0.188	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	85446	3.478	ug/L	98
25) Chloroform	5.14	83	41554	0.906	ug/L	95
29) 1,1,1-Trichloroethane	5.36	97	6952	0.169	ug/L	94
31) Carbon tetrachloride	5.57	117	34593	0.949	ug/L	98
34) Trichloroethene	6.58	95	534687	19.776	ug/L	96
47) Tetrachloroethene	8.58	164	118290	5.383	ug/L	98

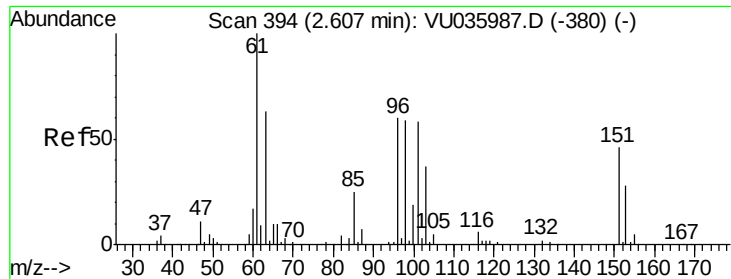
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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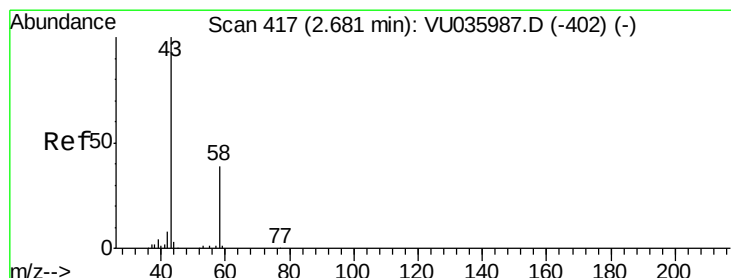
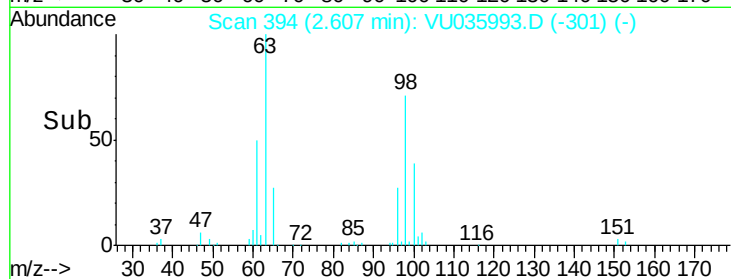
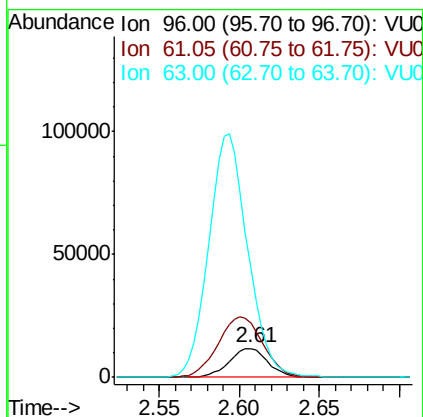
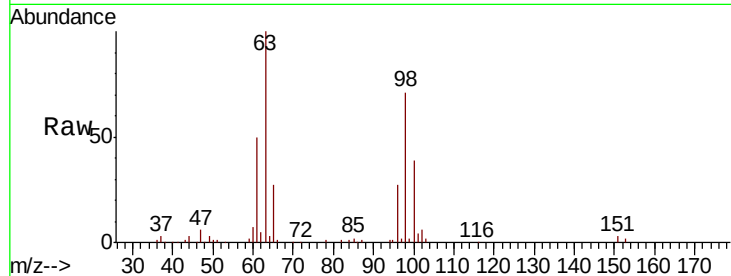




#12
 1,1-Dichloroethene
 Concen: 0.894 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU035993.D
 Acq: 05 Dec 2019 14:45

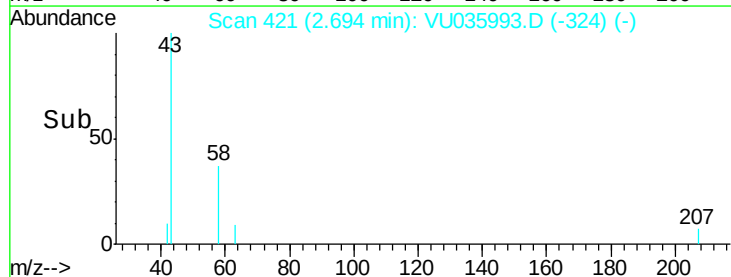
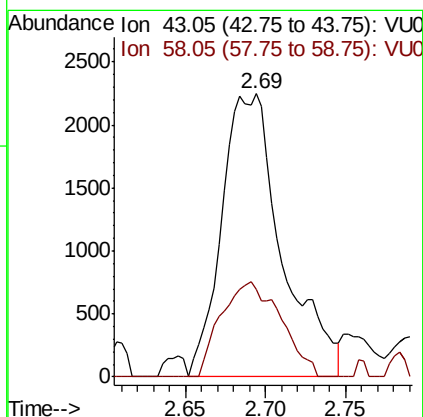
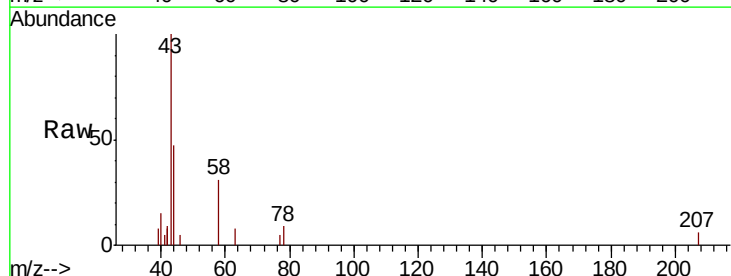
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE26

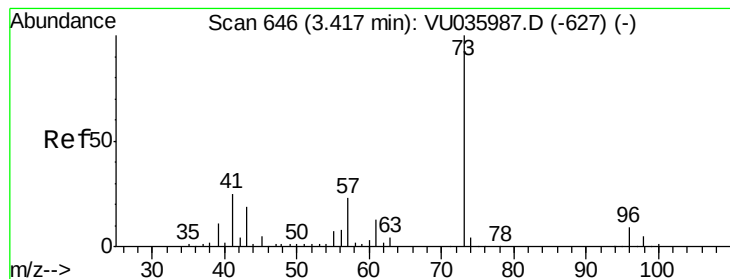
Tot Ion	Ratio	Lower	Upper
96	100		
61	184.8	127.1	236.1
63	372.9	86.0	159.8#



#13
 Acetone
 Concen: 1.039 ug/L
 RT: 2.69 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VU035993.D
 Acq: 05 Dec 2019 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	68.6



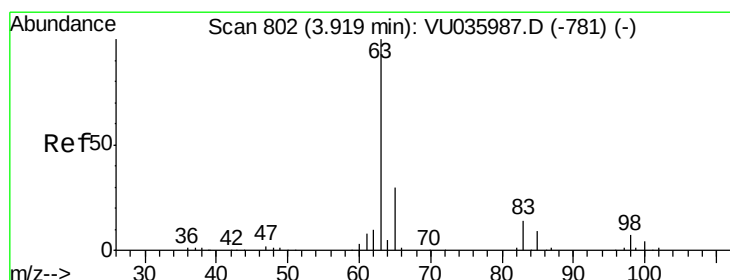
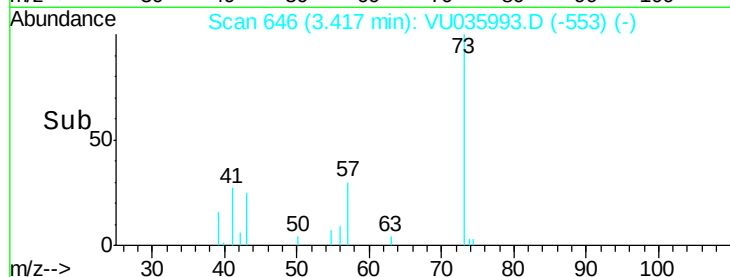
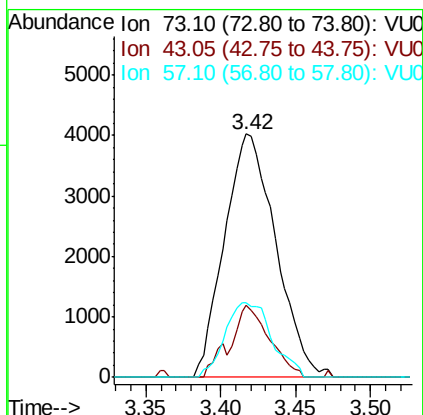
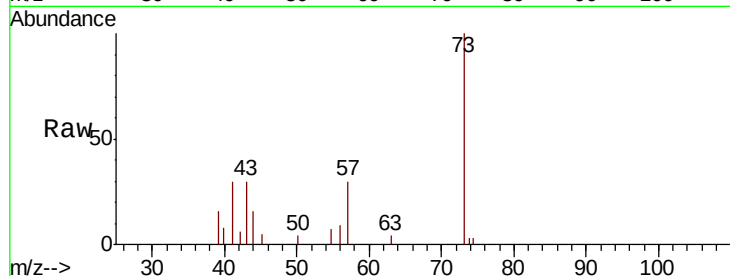


#17

Methyl tert-butyl Ether
 Concen: 0.187 ug/L
 RT: 3.42 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: VU035993.D
 Acq: 05 Dec 2019 14:45

Instrument :
 MSVOA_U
 ClientSampled :
 BFE26

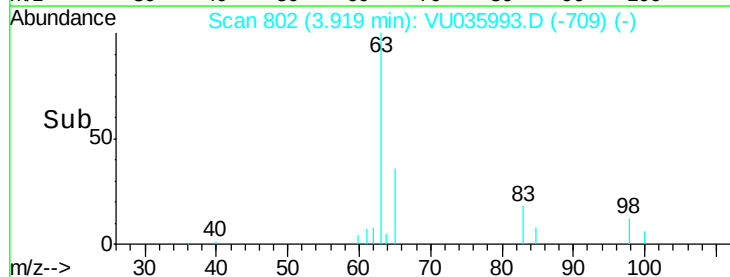
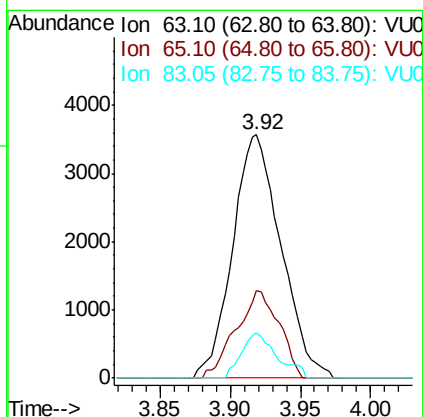
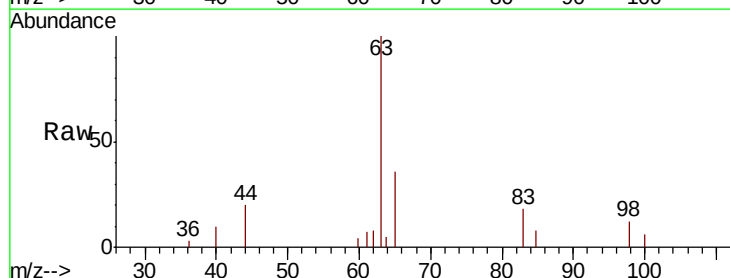
Tot Ion: 73 Resp: 9617
 Ion Ratio Lower Upper
 73 100
 43 23.0 15.9 23.9
 57 28.1 18.8 28.2

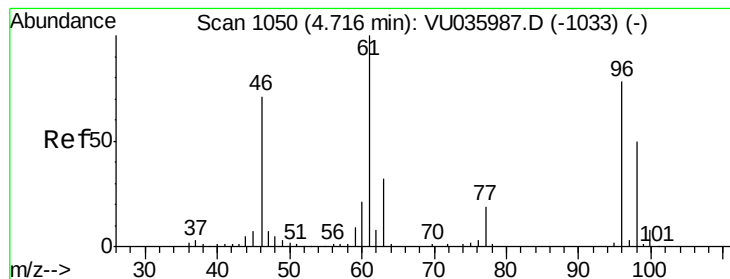


#19

1,1-Dichloroethane
 Concen: 0.188 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035993.D
 Acq: 05 Dec 2019 14:45

Tgt Ion: 63 Resp: 8553
 Ion Ratio Lower Upper
 63 100
 65 34.1 22.4 41.6
 83 17.5 9.8 18.2





#22

cis-1,2-Dichloroethene

Concen: 3.478 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035993.D

Acq: 05 Dec 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

BFE26

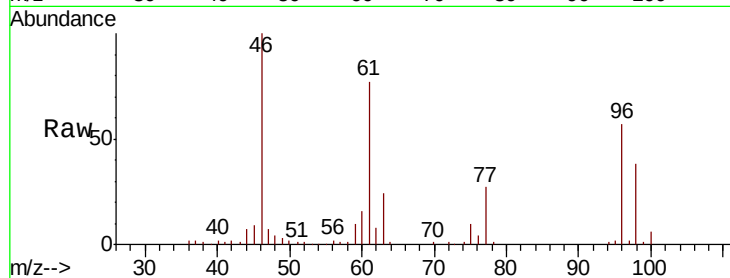
Tot Ion: 96 Resp: 85446

Ion Ratio Lower Upper

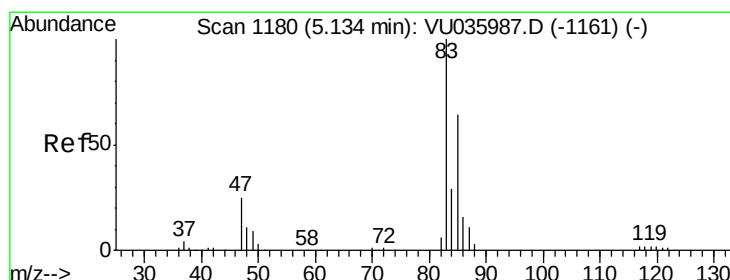
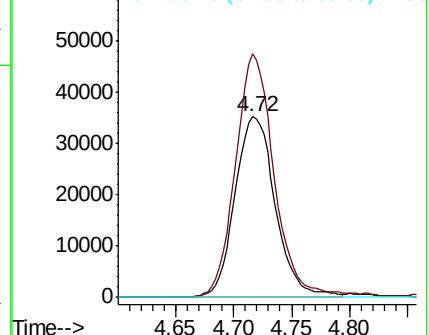
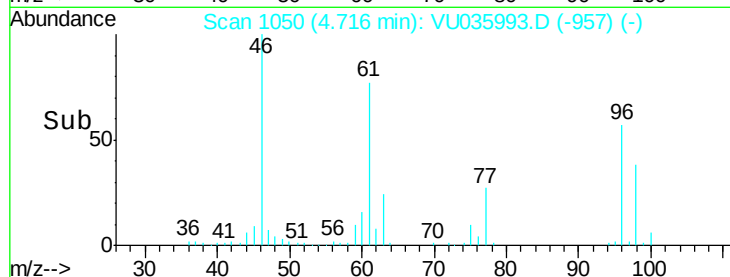
96 100

61 134.9 95.7 177.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035993.D (-957) (-)



#25

Chloroform

Concen: 0.906 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035993.D

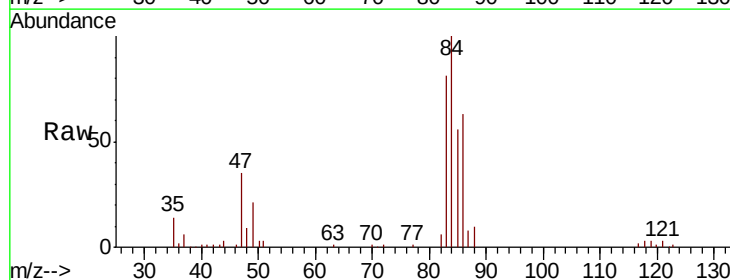
Acq: 05 Dec 2019 14:45

Tgt Ion: 83 Resp: 41554

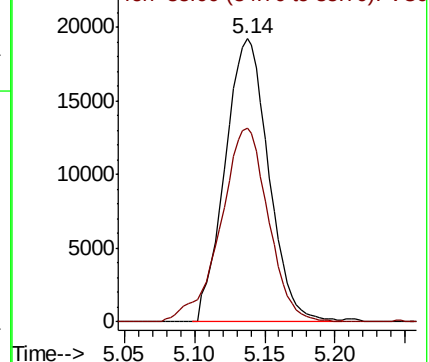
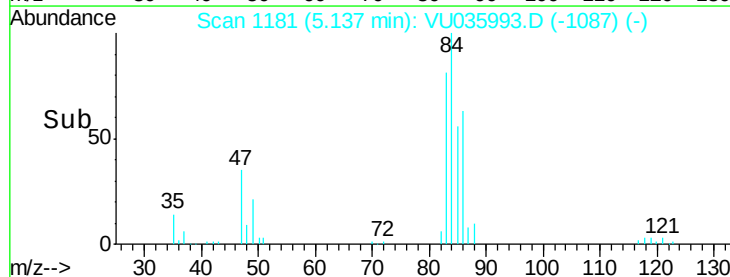
Ion Ratio Lower Upper

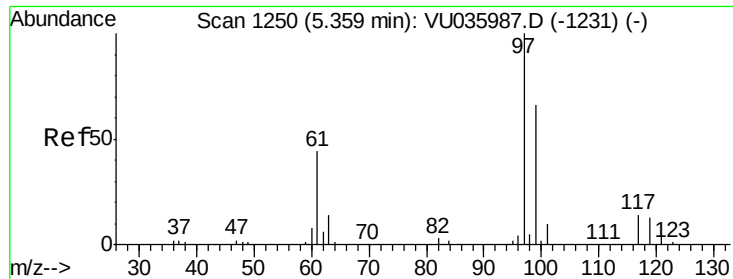
83 100

85 68.5 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035993.D (-1087) (-)

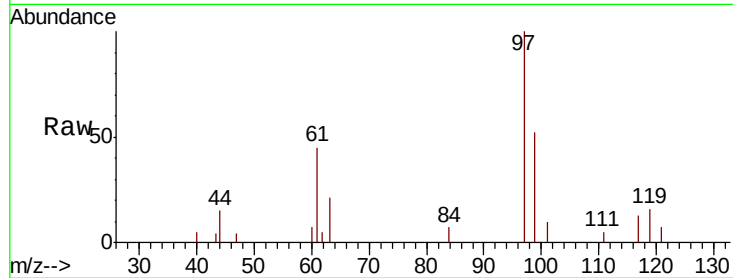




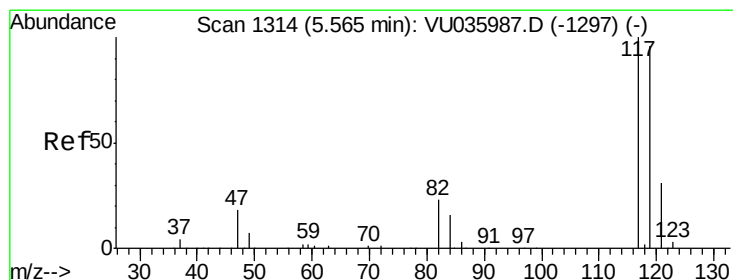
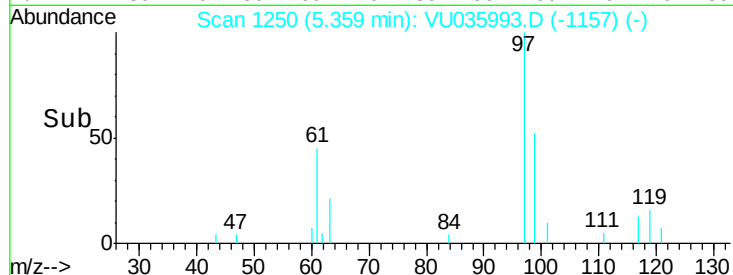
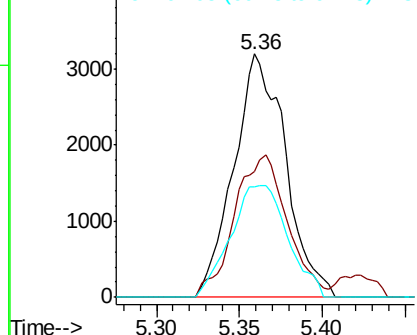
#29
 1,1,1-Trichloroethane
 Concen: 0.169 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU035993.D
 Acq: 05 Dec 2019 14:45

Instrument :
 MSVOA_U
 ClientSampled :
 BFE26

Tot Ion: 97 Resp: 6952
 Ion Ratio Lower Upper
 97 100
 99 59.7 51.8 77.8
 61 50.8 37.6 56.4

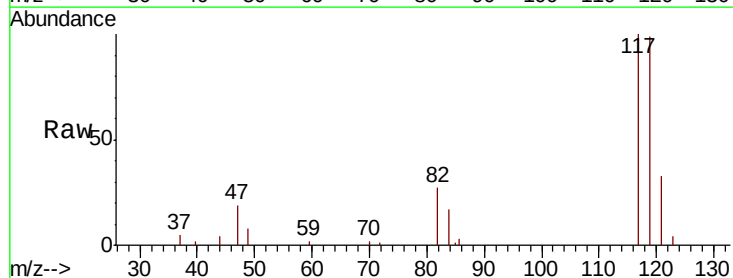


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

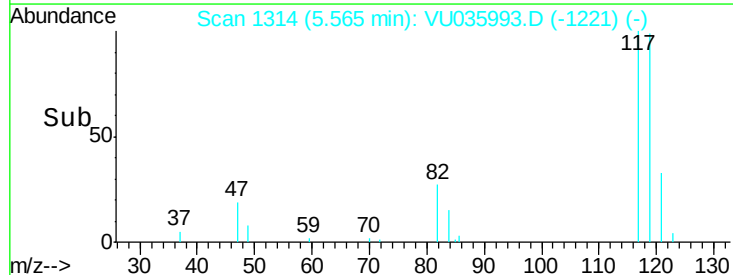
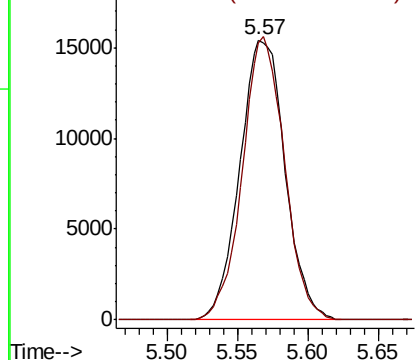


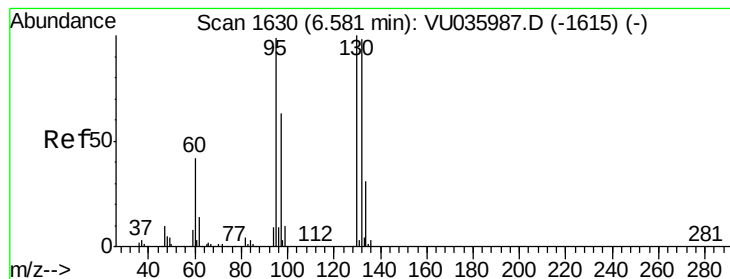
#31
 Carbon tetrachloride
 Concen: 0.949 ug/L
 RT: 5.57 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: VU035993.D
 Acq: 05 Dec 2019 14:45

Tgt Ion: 117 Resp: 34593
 Ion Ratio Lower Upper
 117 100
 119 94.1 76.9 115.3



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#34

Trichloroethene

Concen: 19.776 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035993.D

Acq: 05 Dec 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

BFE26

Tot Ion: 95 Resp: 534687

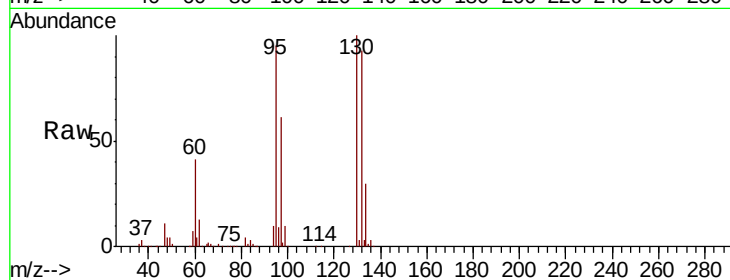
Ion Ratio Lower Upper

95 100

97 64.3 46.3 85.9

132 98.0 65.7 122.1

130 105.0 69.2 128.6

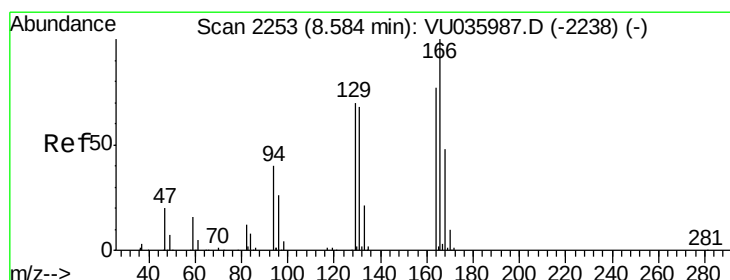
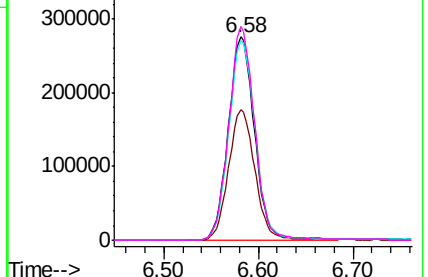
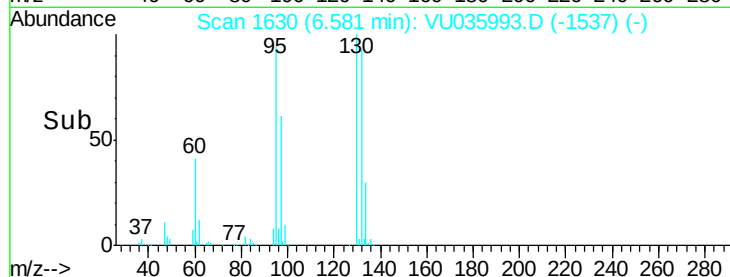


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.383 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035993.D

Acq: 05 Dec 2019 14:45

Tgt Ion: 164 Resp: 118290

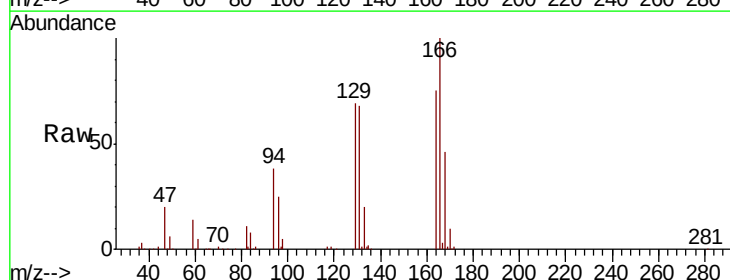
Ion Ratio Lower Upper

164 100

129 91.8 67.9 126.1

131 90.0 64.1 119.1

166 132.5 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

