

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012633.D
 Acq On : 09 Sep 2019 20:01
 Operator : SY/MD
 Sample : K4724-05
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDA6

Quant Time: Sep 11 01:10:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	402435	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	404565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	163804	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125949	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	110698	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	151912	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.93	46	387814	59.04	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.08%
24) Chloroform-d	4.40	84	241174	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	124163	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	451383	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	155438	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	368019	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.66	79	47027	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.13	63	199146	49.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	121444	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	149907	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

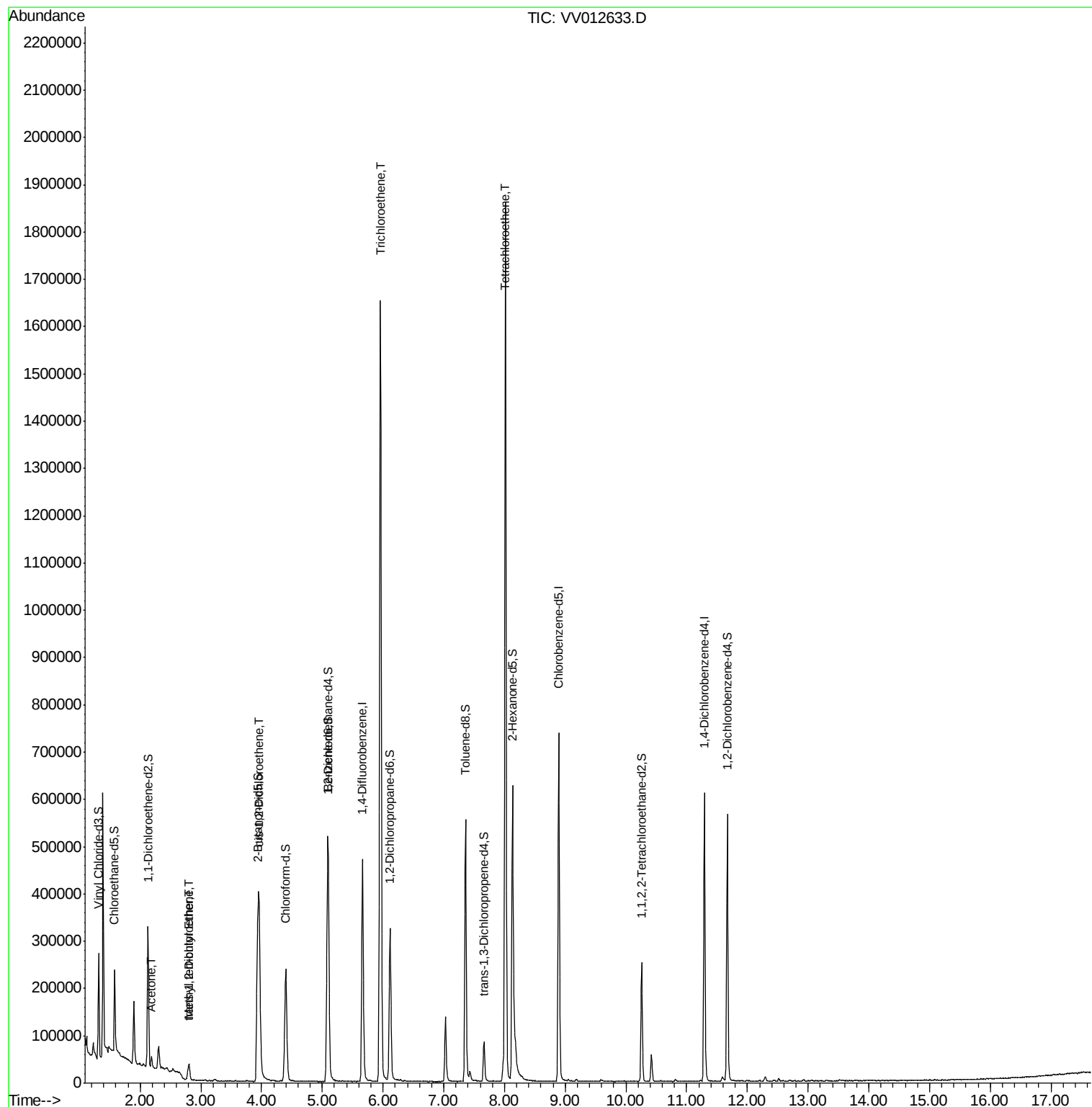
					Ovalue
13) Acetone	2.19	43	22604	5.871	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	28082	0.479	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	3607	0.128	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	170388	5.581	ug/L 97
34) Trichloroethene	5.96	95	567094	17.356	ug/L 98
47) Tetrachloroethene	8.02	164	425137	16.576	ug/L 99

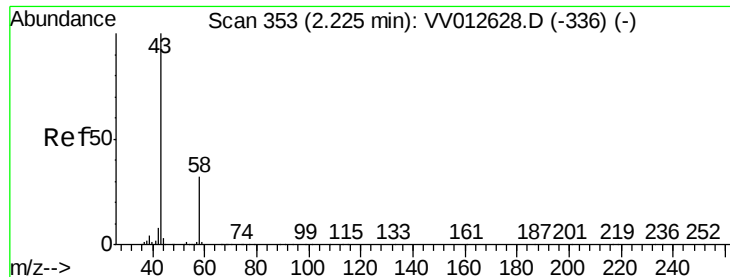
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.871 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012633.D

Acq: 09 Sep 2019 20:01

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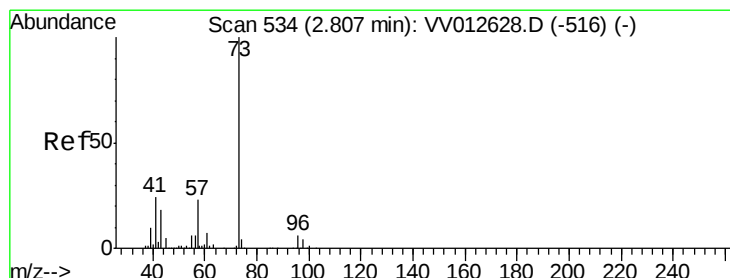
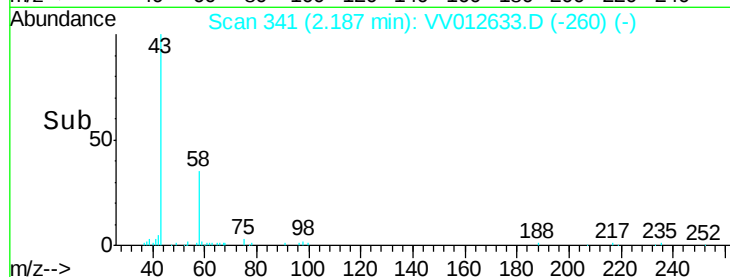
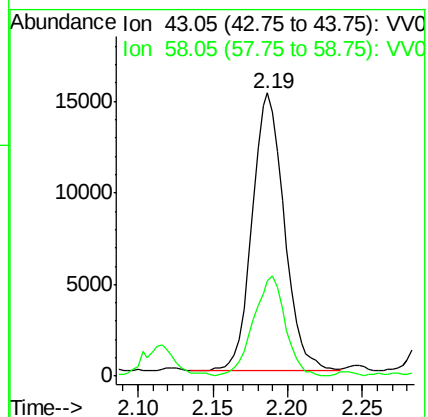
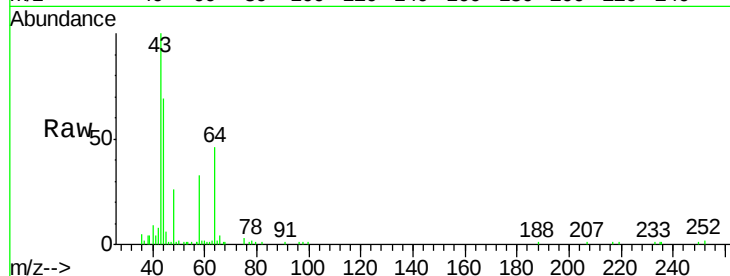
BFDA6

Tot Ion: 43 Resp: 22604

Ion Ratio Lower Upper

43 100

58 35.9 0.0 67.4



#17

Methyl tert-butyl Ether

Concen: 0.479 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV012633.D

Acq: 09 Sep 2019 20:01

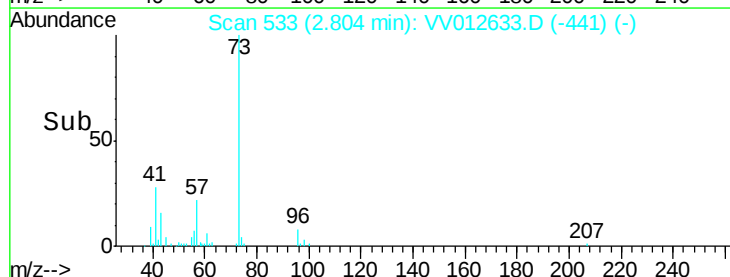
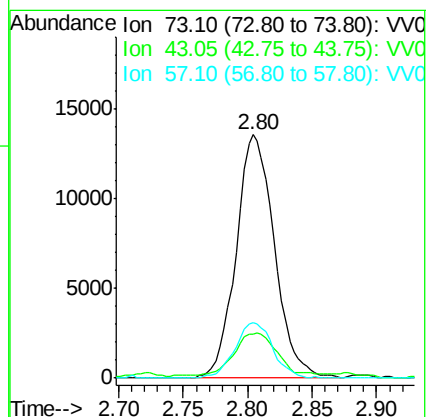
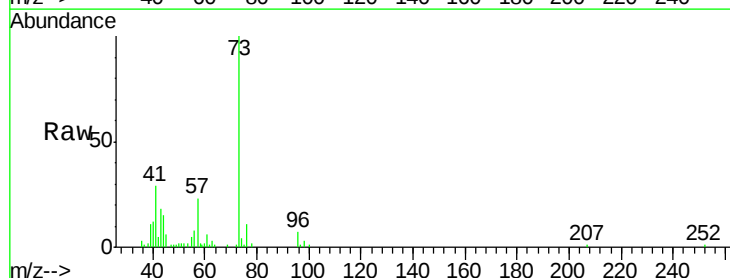
Tgt Ion: 73 Resp: 28082

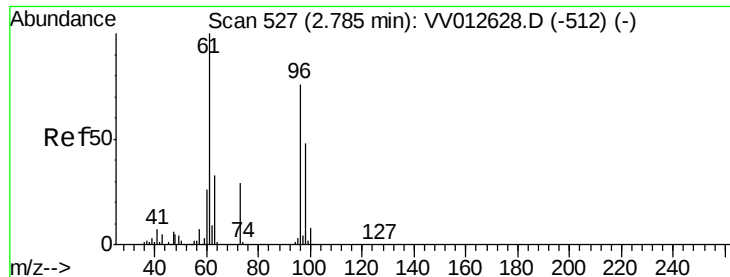
Ion Ratio Lower Upper

73 100

43 18.9 14.6 21.8

57 22.4 18.2 27.2





#18

trans-1,2-Dichloroethene

Concen: 0.128 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV012633.D

Acq: 09 Sep 2019 20:01

Instrument :

MSVOA_V

ClientSampleId :

BFDA6

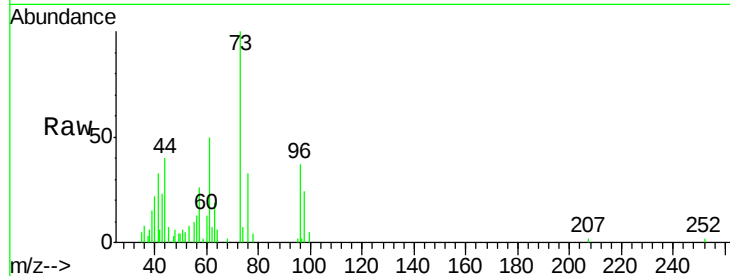
Tot Ion: 96 Resp: 3607

Ion Ratio Lower Upper

96 100

61 137.2 93.0 172.8

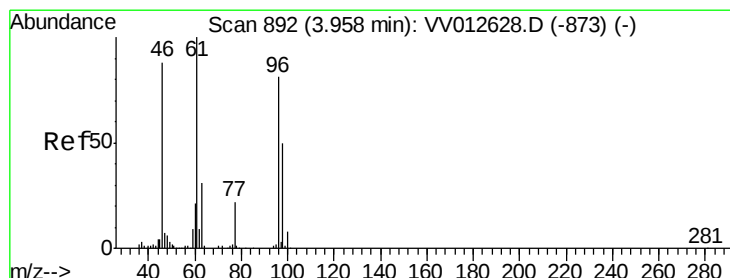
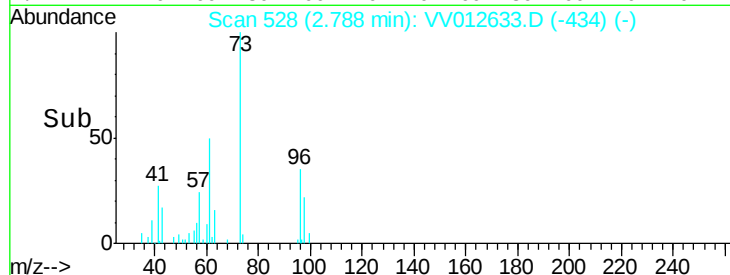
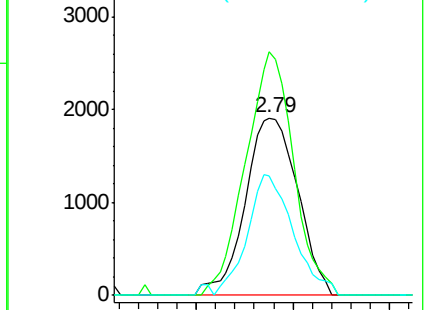
98 67.0 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 5.581 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV012633.D

Acq: 09 Sep 2019 20:01

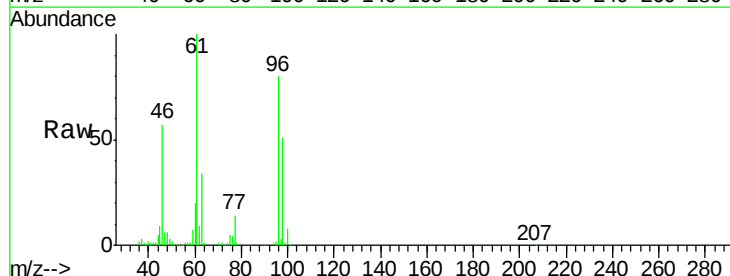
Tgt Ion: 96 Resp: 170388

Ion Ratio Lower Upper

96 100

61 124.9 89.7 166.5

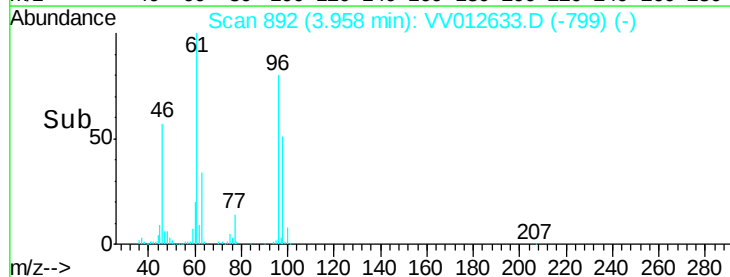
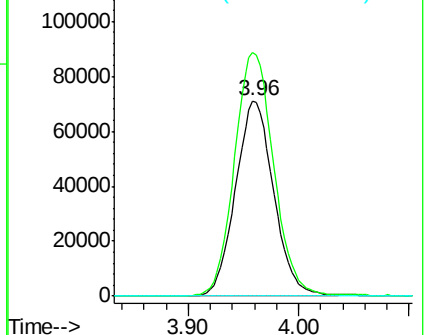
68 0.0 0.0 0.0

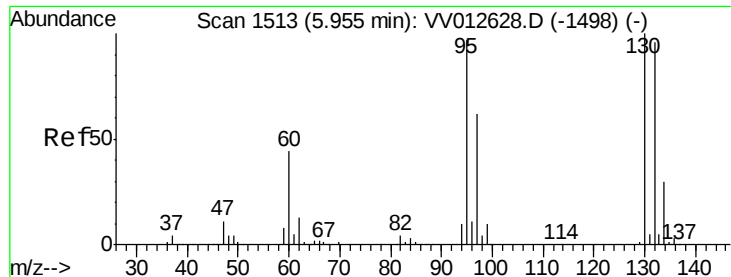


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

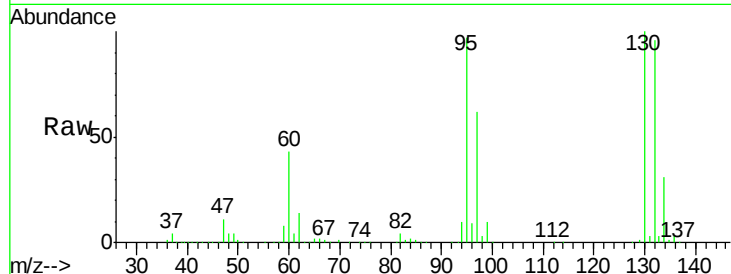




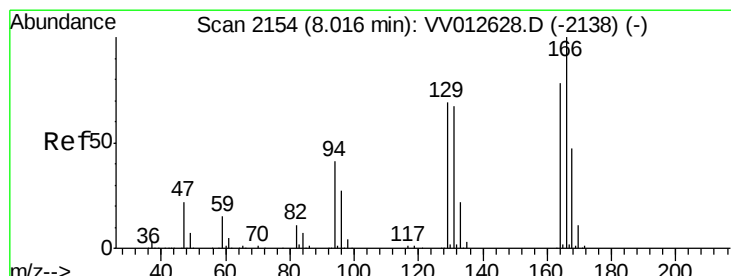
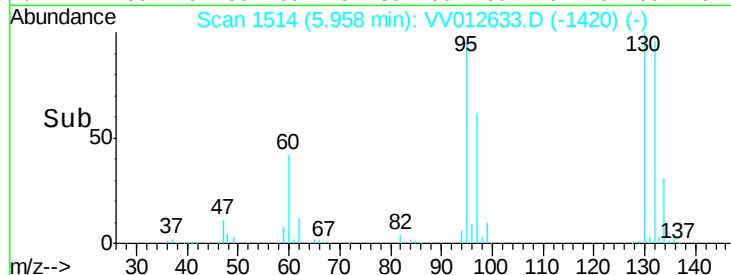
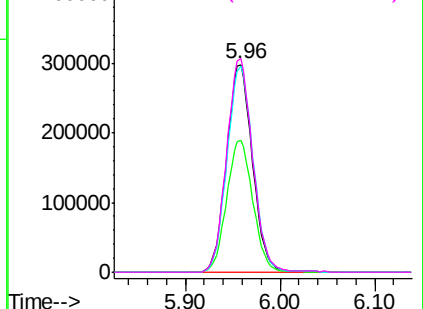
#34
 Trichloroethene
 Concen: 17.356 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012633.D
 Acq: 09 Sep 2019 20:01

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDA6

Tot Ion: 95 Resp: 567094
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.4 84.2
 132 99.0 70.2 130.4
 130 102.9 74.2 137.8

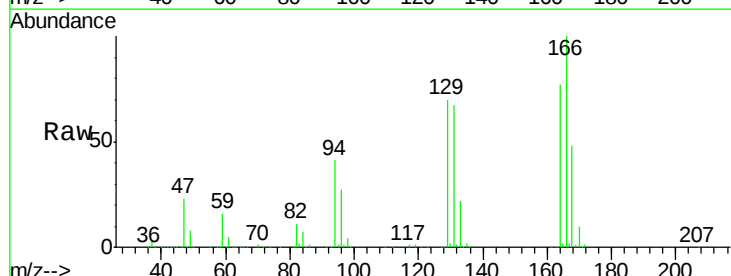


Abundance Ion 95.00 (94.70 to 95.70): VV012633.D (-2061) (-)
 Ion 96.95 (96.65 to 97.65): VV012633.D (-2061) (-)
 Ion 131.95 (131.65 to 132.65): VV012633.D (-2061) (-)
 Ion 129.95 (129.65 to 130.65): VV012633.D (-2061) (-)



#47
 Tetrachloroethene
 Concen: 16.576 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012633.D
 Acq: 09 Sep 2019 20:01

Tgt Ion: 164 Resp: 425137
 Ion Ratio Lower Upper
 164 100
 129 91.3 61.9 114.9
 131 86.5 59.7 110.9
 166 129.6 90.4 167.8



Abundance Ion 163.90 (163.60 to 164.60): VV012633.D (-2061) (-)
 Ion 128.95 (128.65 to 129.65): VV012633.D (-2061) (-)
 Ion 130.95 (130.65 to 131.65): VV012633.D (-2061) (-)
 Ion 165.90 (165.60 to 166.60): VV012633.D (-2061) (-)

