

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090419\
 Data File : VV012569.D
 Acq On : 04 Sep 2019 15:45
 Operator : SY/MD
 Sample : K4685-02
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD71

Quant Time: Sep 05 02:31:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 05 01:26:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	131105	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	47877	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51945	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	60236	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	97051	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.94	46	124418	51.28	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.56%
24) Chloroform-d	4.40	84	94571	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.08	65	56193	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.10	84	179920	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	60289	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	139852	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.67	79	18366	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.13	63	82385	49.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45691	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	45183	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

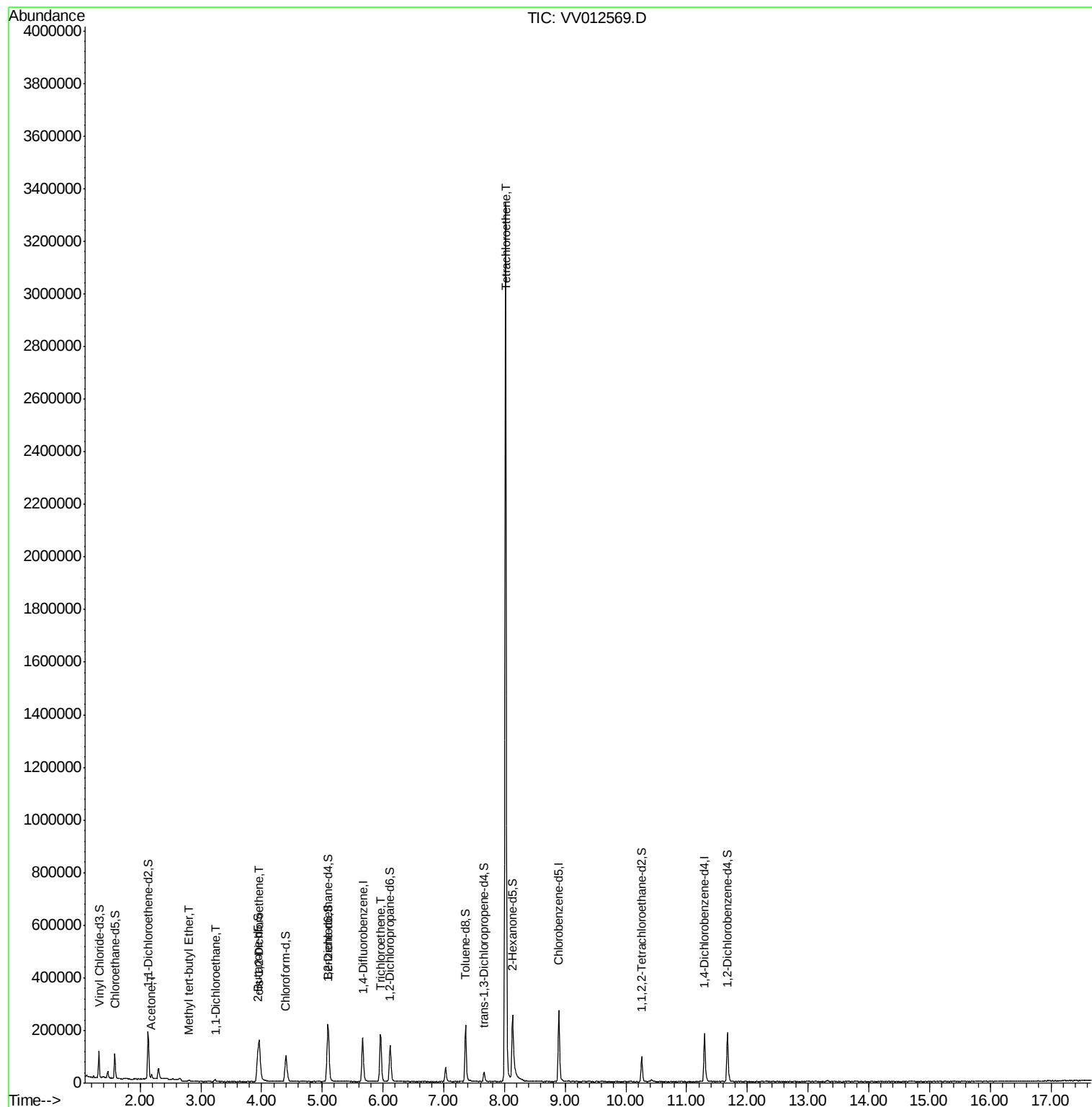
					Ovalue
13) Acetone	2.19	43	15957	4.635 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	4097	0.142 ug/L #	77
19) 1,1-Dichloroethane	3.23	63	7241	0.277 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	61258	4.371 ug/L	97
34) Trichloroethene	5.96	95	59436	3.785 ug/L	98
47) Tetrachloroethene	8.02	164	657465	57.940 ug/L	95

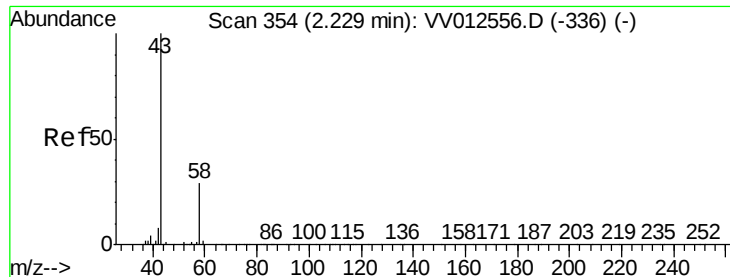
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV090419\
Data File : VV012569.D
Acq On : 04 Sep 2019 15:45
Operator : SY/MD
Sample : K4685-02
Misc : 25mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD71

Quant Time: Sep 05 02:31:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.635 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012569.D

Acq: 04 Sep 2019 15:45

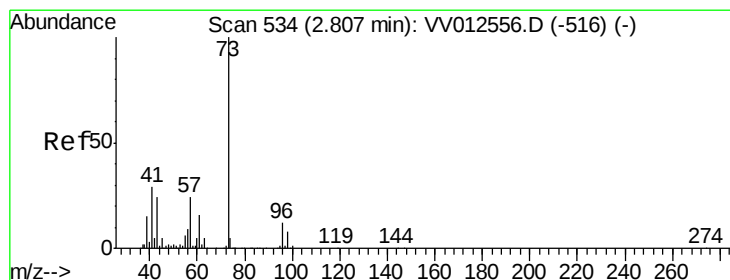
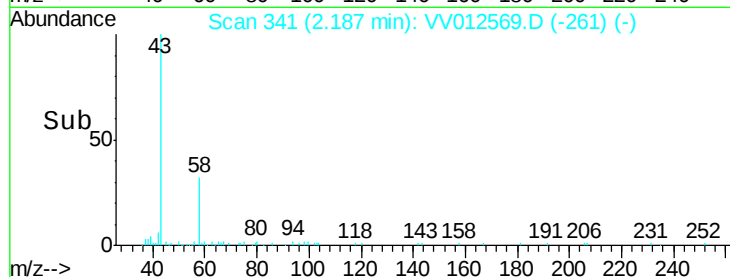
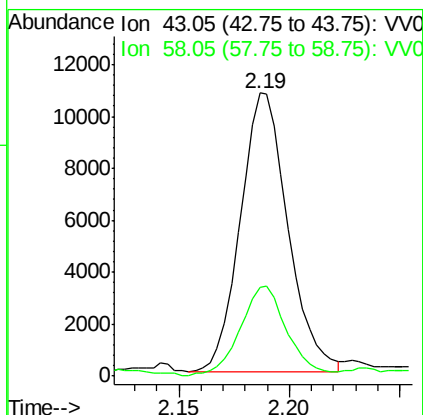
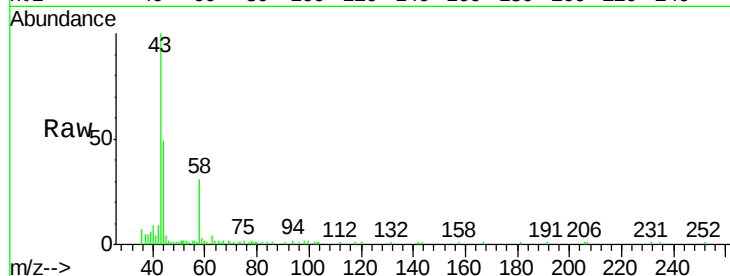
Instrument :
MSVOA_V
ClientSampled :
BFD71

Tot Ion: 43 Resp: 15957

Ion Ratio Lower Upper

43 100

58 32.1 0.0 58.2



#17

Methyl tert-butyl Ether

Concen: 0.142 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012569.D

Acq: 04 Sep 2019 15:45

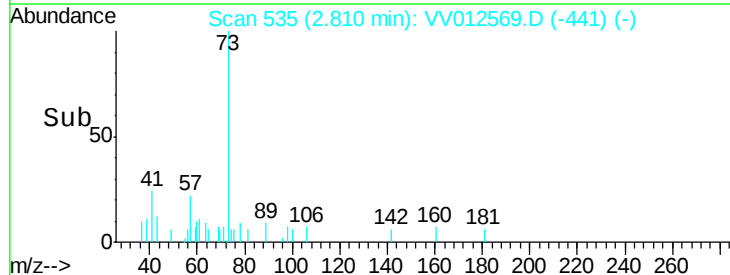
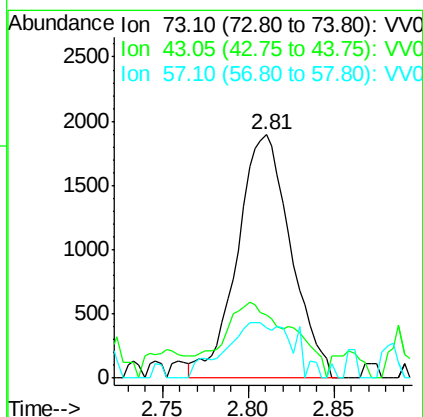
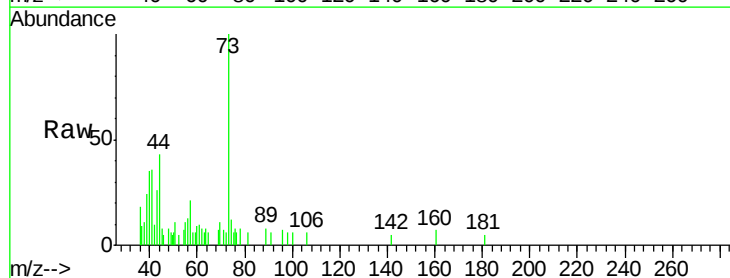
Tgt Ion: 73 Resp: 4097

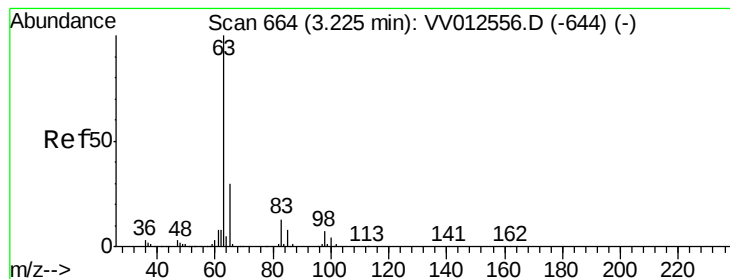
Ion Ratio Lower Upper

73 100

43 40.2 18.9 28.3#

57 28.9 18.3 27.5#





#19

1,1-Dichloroethane

Concen: 0.277 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.01 min

Lab File: VV012569.D

Acq: 04 Sep 2019 15:45

Instrument :

MSVOA_V

ClientSampleId :

BFD71

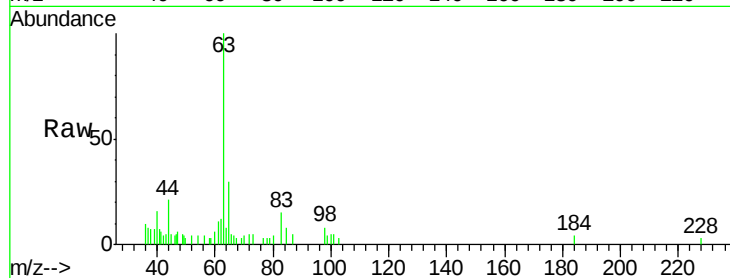
Tot Ion: 63 Resp: 7241

Ion Ratio Lower Upper

63 100

65 35.0 21.5 39.9

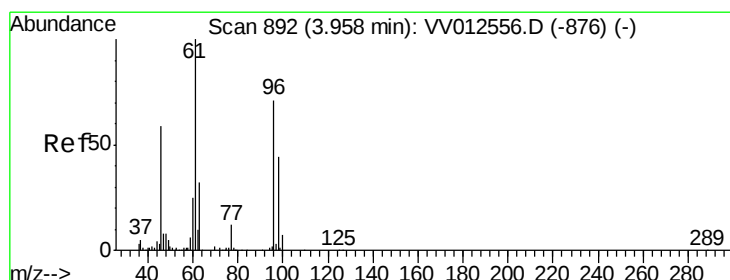
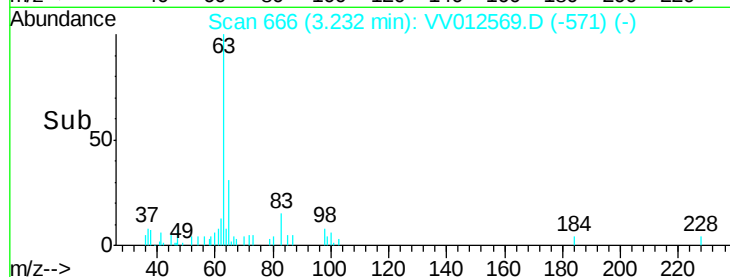
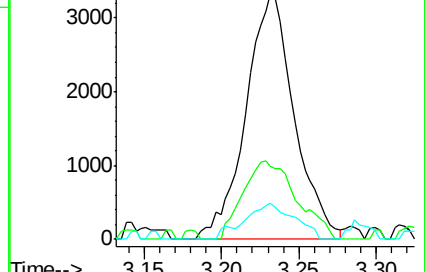
83 14.7 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VV012556.D (-644) (-)

Ion 65.10 (64.80 to 65.80): VV012556.D (-644) (-)

Ion 83.05 (82.75 to 83.75): VV012556.D (-644) (-)



#22

cis-1,2-Dichloroethene

Concen: 4.371 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012569.D

Acq: 04 Sep 2019 15:45

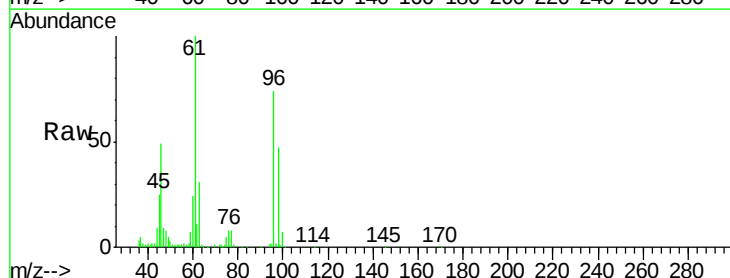
Tgt Ion: 96 Resp: 61258

Ion Ratio Lower Upper

96 100

61 135.5 97.5 181.1

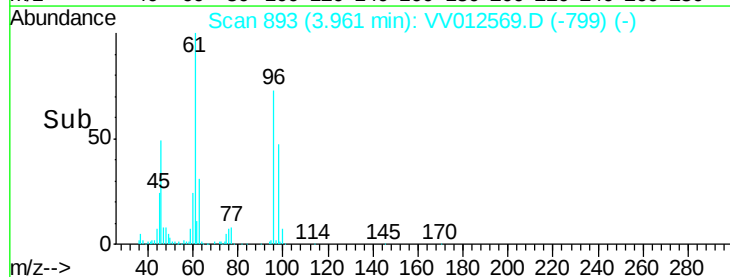
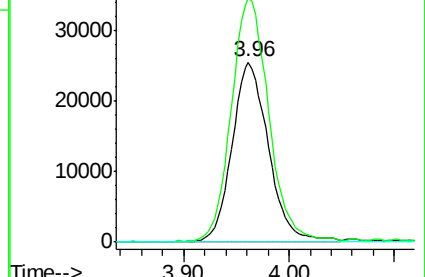
68 0.0 0.0 0.0

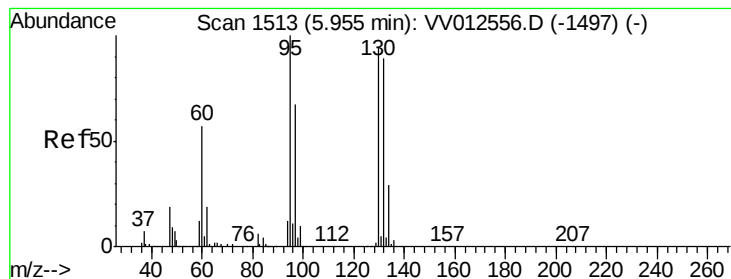


Abundance Ion 96.00 (95.70 to 96.70): VV012556.D (-876) (-)

Ion 61.05 (60.75 to 61.75): VV012556.D (-876) (-)

Ion 68.15 (67.85 to 68.85): VV012556.D (-876) (-)





#34

Trichloroethene

Concen: 3.785 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012569.D

Acq: 04 Sep 2019 15:45

Instrument :

MSVOA_V

ClientSampleId :

BFD71

Tot Ion: 95 Resp: 59436

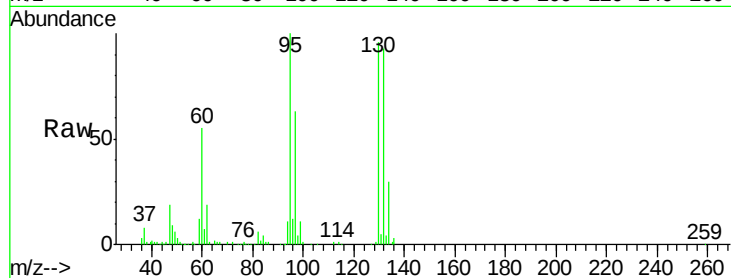
Ion Ratio Lower Upper

95 100

97 62.5 44.7 83.1

132 93.4 63.8 118.4

130 96.2 66.6 123.6

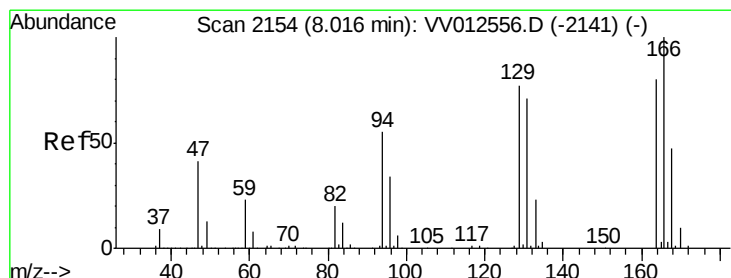
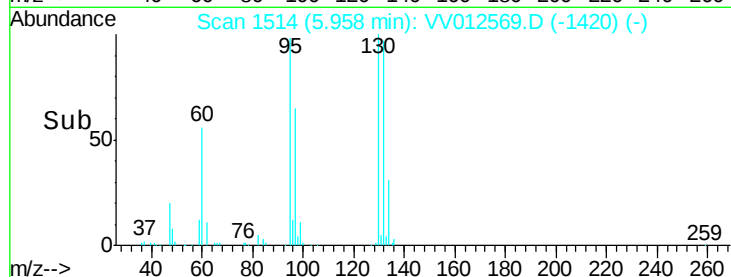
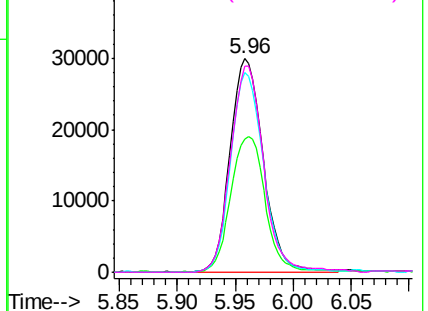


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 57.940 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012569.D

Acq: 04 Sep 2019 15:45

Tgt Ion: 164 Resp: 657465

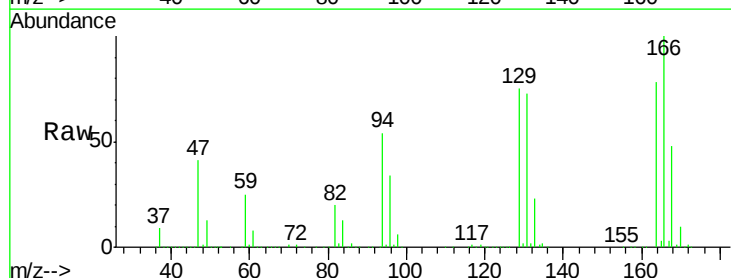
Ion Ratio Lower Upper

164 100

129 97.0 64.5 119.9

131 93.9 62.3 115.7

166 128.8 86.5 160.6



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

