

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011975.D
 Acq On : 23 Jul 2019 20:00
 Operator : SY/MD
 Sample : K3823-20
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52K0

Quant Time: Jul 24 07:31:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 24 05:52:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	136980	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64883	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37001	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.59	69	29449	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.14	63	62856	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.94	46	104262	50.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.20%
24) Chloroform-d	4.40	84	91566	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	52005	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.10	84	191850	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	53856	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	170334	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.67	79	21109	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.13	63	84654	49.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37080	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	68168	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

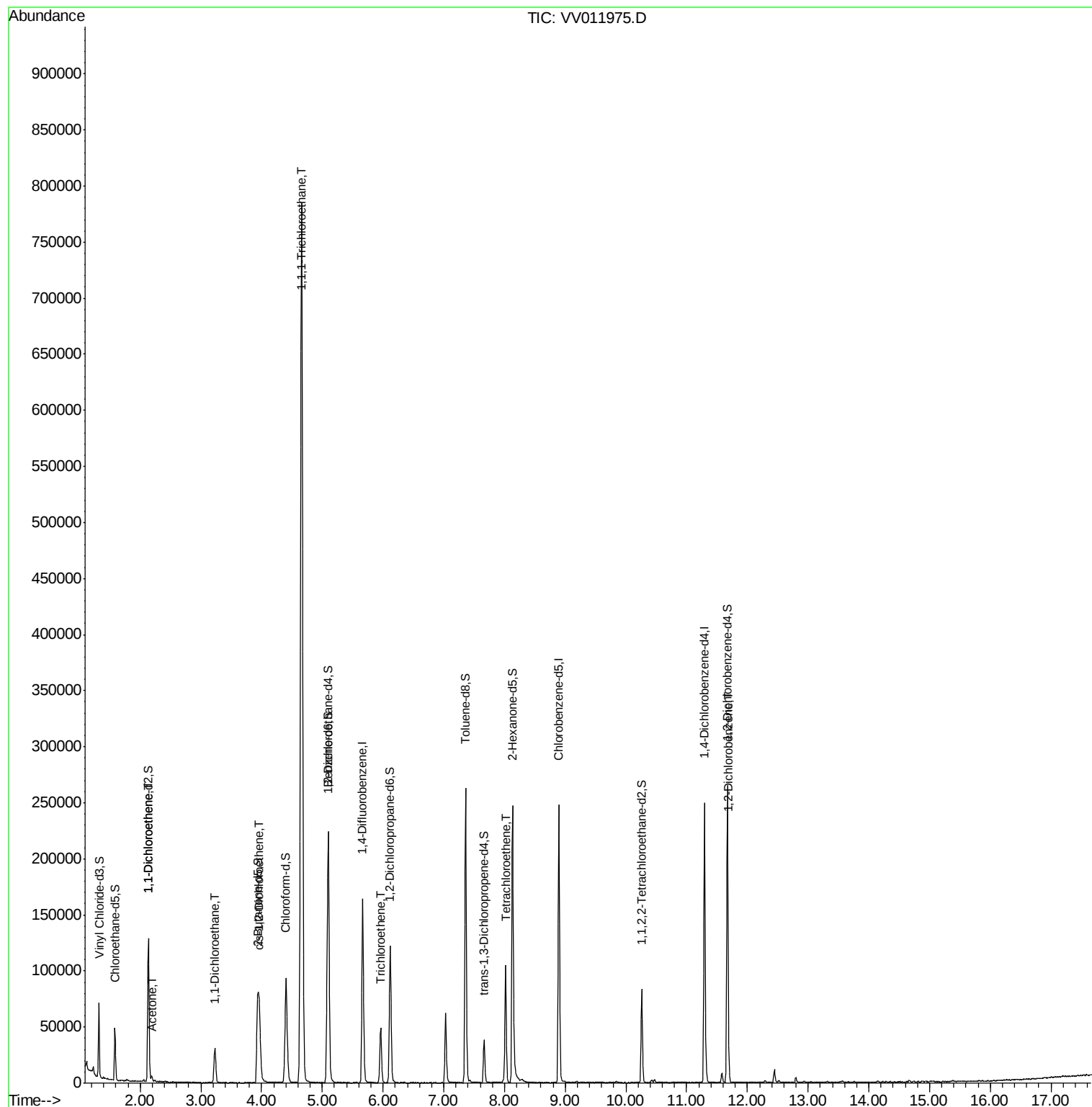
					Ovalue
12) 1,1-Dichloroethene	2.14	96	8300	1.331 ug/L #	1
13) Acetone	2.19	43	3566	3.179 ug/L	97
19) 1,1-Dichloroethane	3.23	63	30495	1.778 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	28180	2.701 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	624812	37.035 ug/L	99
34) Trichloroethene	5.96	95	16284	1.512 ug/L	96
47) Tetrachloroethene	8.02	164	24332	2.619 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	3331	0.170 ug/L #	92

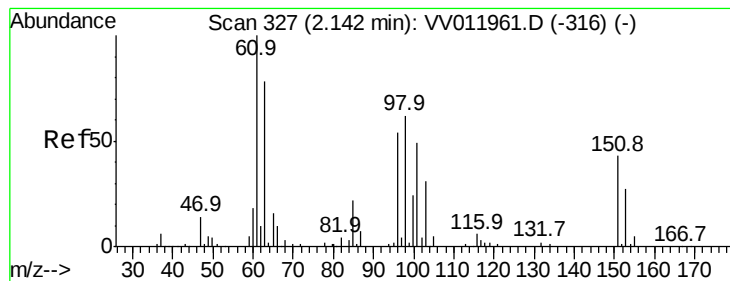
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
Data File : VV011975.D
Acq On : 23 Jul 2019 20:00
Operator : SY/MD
Sample : K3823-20
Misc : 25ML/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52K0

Quant Time: Jul 24 07:31:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.331 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV011975.D

Acq: 23 Jul 2019 20:00

Instrument :

MSVOA_V

ClientSampled :

A52K0

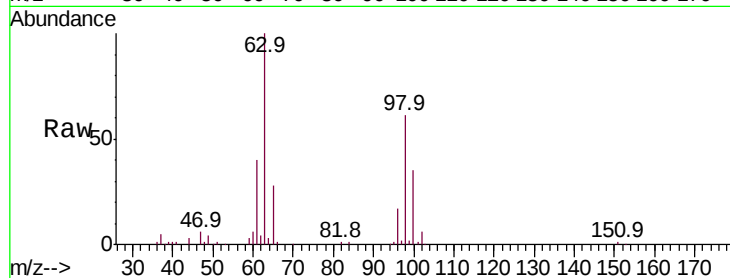
Tot Ion: 96 Resp: 8300

Ion Ratio Lower Upper

96 100

61 235.3 132.7 246.5

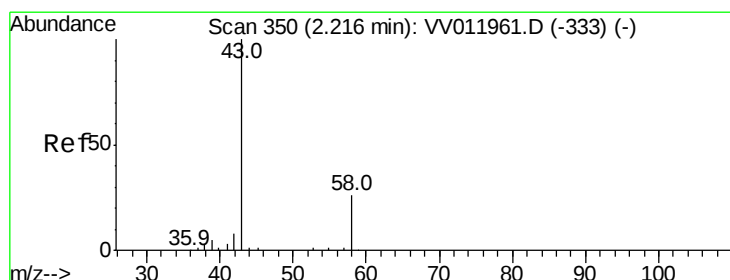
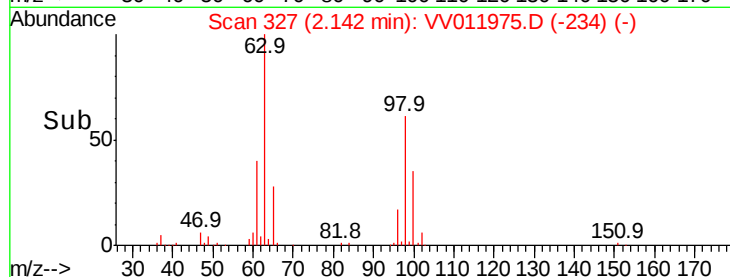
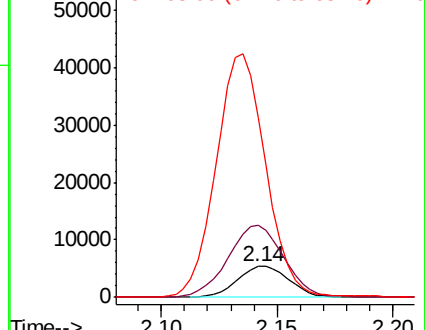
63 585.3 104.0 193.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 3.179 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV011975.D

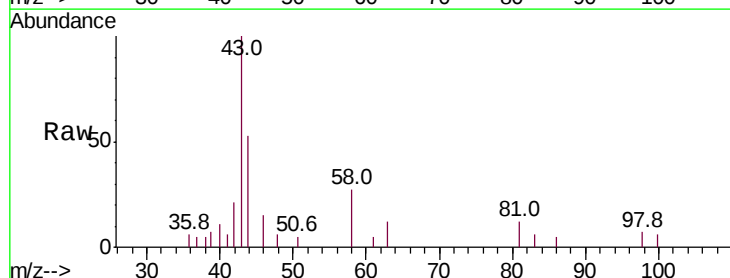
Acq: 23 Jul 2019 20:00

Tgt Ion: 43 Resp: 3566

Ion Ratio Lower Upper

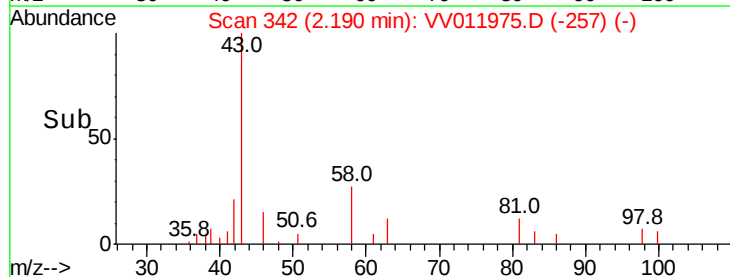
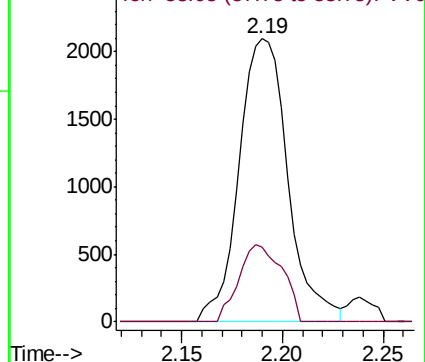
43 100

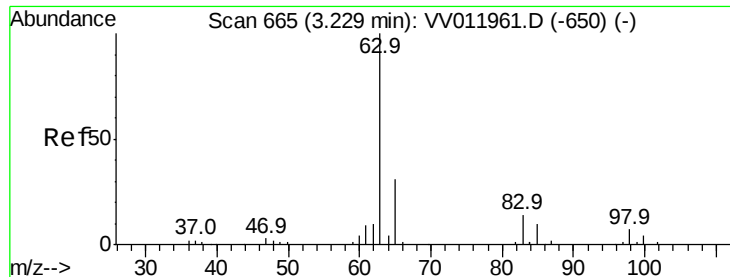
58 24.3 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

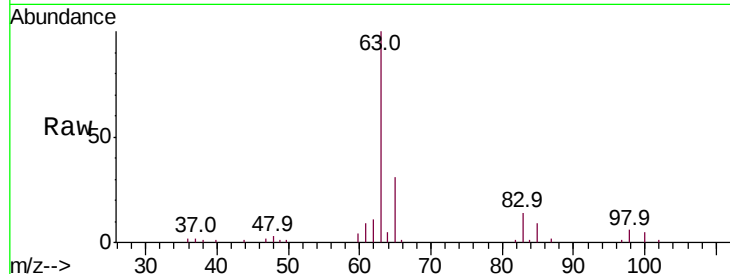




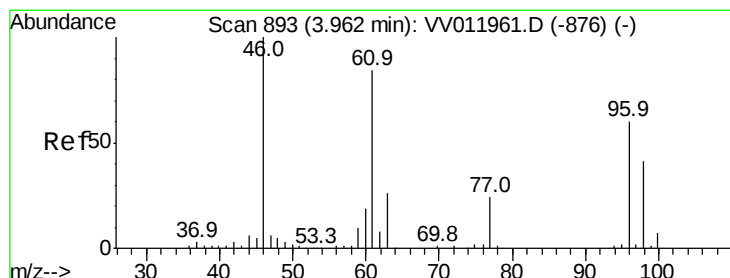
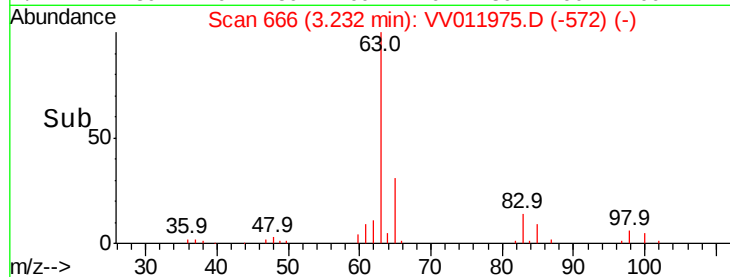
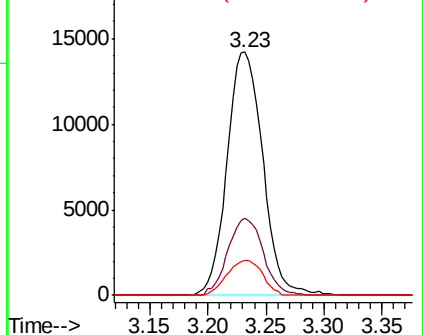
#19
 1,1-Dichloroethane
 Concen: 1.778 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV011975.D
 Acq: 23 Jul 2019 20:00

Instrument :
 MSVOA_V
 ClientSampleId :
 A52K0

Tot Ion: 63 Resp: 30495
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.5 43.7
 83 14.4 9.7 18.1

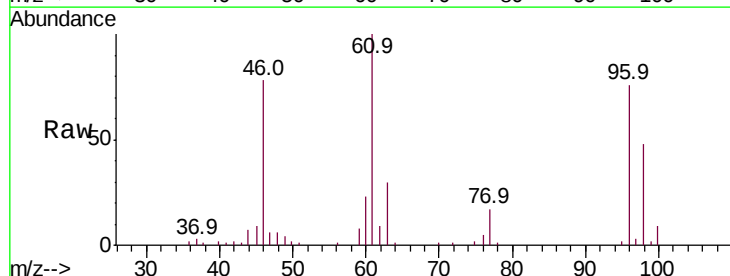


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

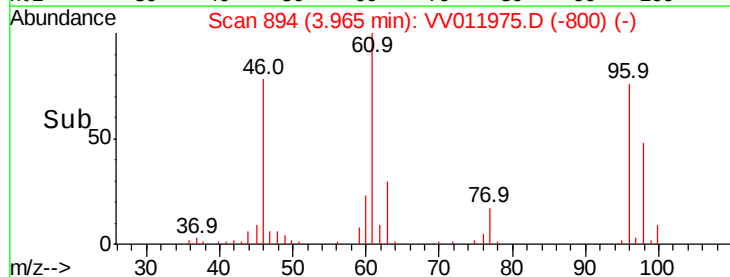
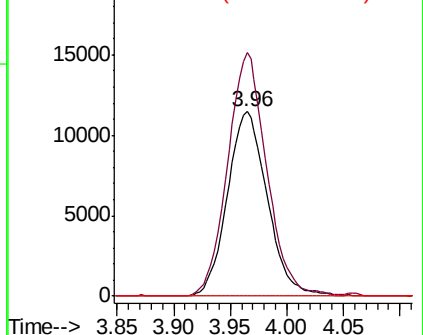


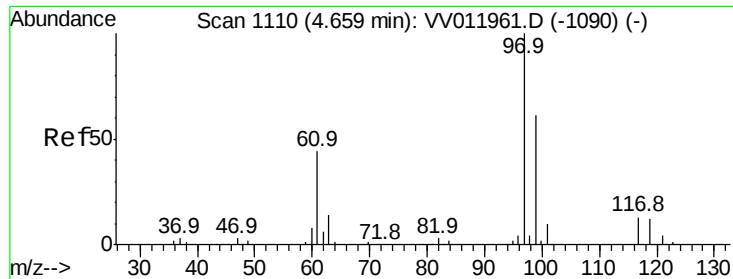
#22
 cis-1,2-Dichloroethene
 Concen: 2.701 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV011975.D
 Acq: 23 Jul 2019 20:00

Tgt Ion: 96 Resp: 28180
 Ion Ratio Lower Upper
 96 100
 61 132.2 89.0 165.2
 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





#29

1,1,1-Trichloroethane

Concen: 37.035 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV011975.D

Acq: 23 Jul 2019 20:00

Instrument :

MSVOA_V

ClientSampleId :

A52K0

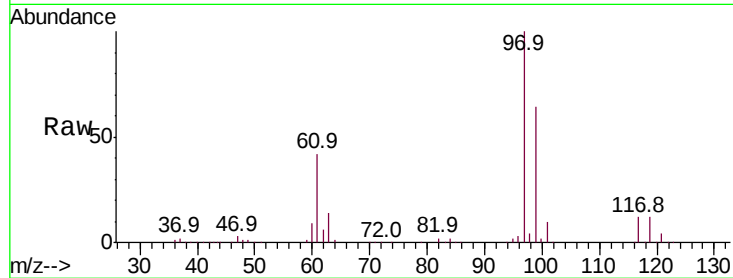
Tot Ion: 97 Resp: 624812

Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

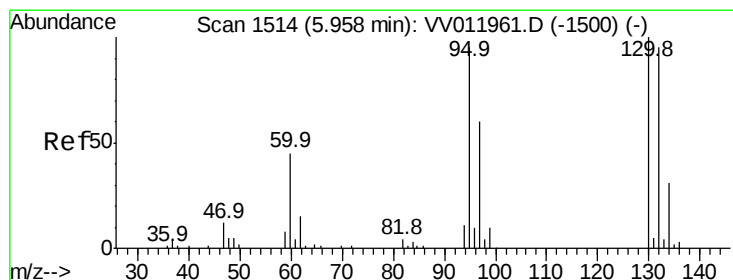
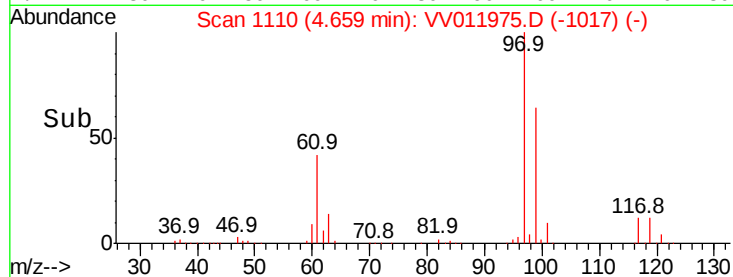
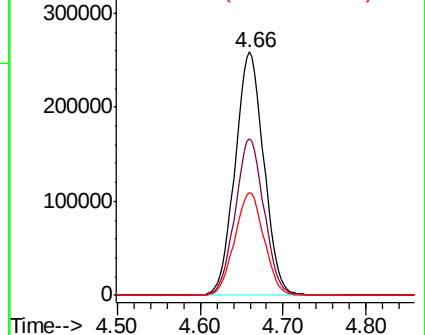
61 43.1 35.1 52.7



Abundance Ion 96.95 (96.65 to 97.65): VV011961.D (-1090) (-)

Ion 99.05 (98.75 to 99.75): VV011961.D (-1090) (-)

Ion 61.05 (60.75 to 61.75): VV011961.D (-1090) (-)



#34

Trichloroethene

Concen: 1.512 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV011975.D

Acq: 23 Jul 2019 20:00

Tgt Ion: 95 Resp: 16284

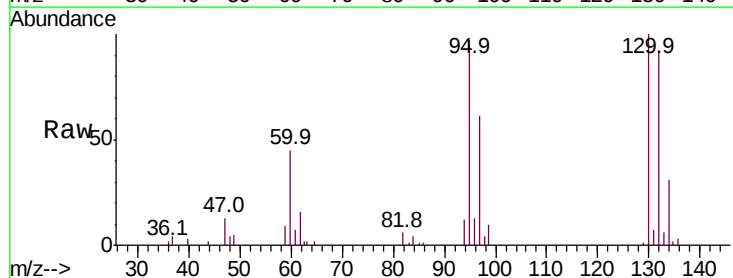
Ion Ratio Lower Upper

95 100

97 62.9 45.6 84.6

132 94.5 71.3 132.3

130 102.6 72.8 135.2

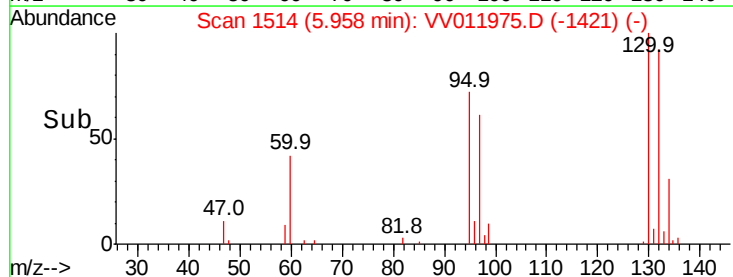
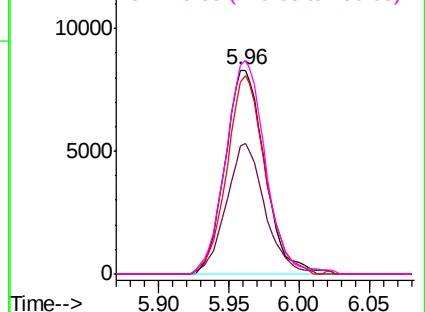


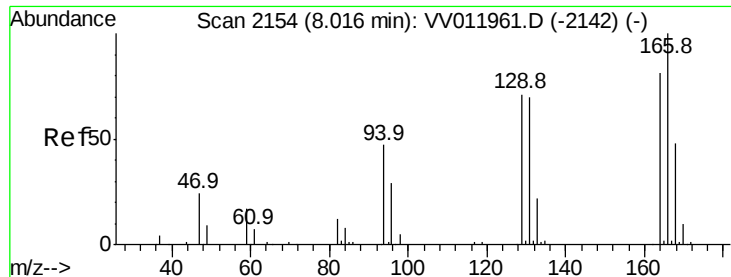
Abundance Ion 95.00 (94.70 to 95.70): VV011961.D (-1500) (-)

Ion 96.95 (96.65 to 97.65): VV011961.D (-1500) (-)

Ion 131.95 (131.65 to 132.65): VV011961.D (-1500) (-)

Ion 129.95 (129.65 to 130.65): VV011961.D (-1500) (-)





#47

Tetrachloroethene

Concen: 2.619 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011975.D

Acq: 23 Jul 2019 20:00

Instrument :
MSVOA_V
ClientSampleId :
A52K0

Tot Ion:164 Resp: 24332

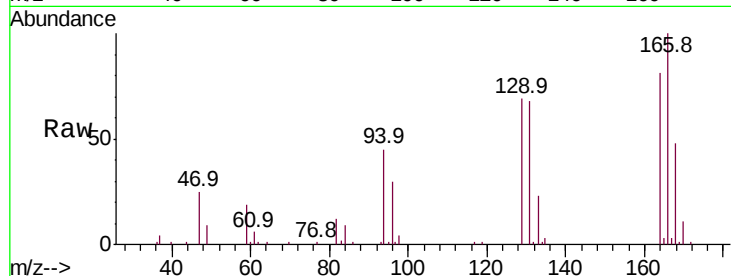
Ion Ratio Lower Upper

164 100

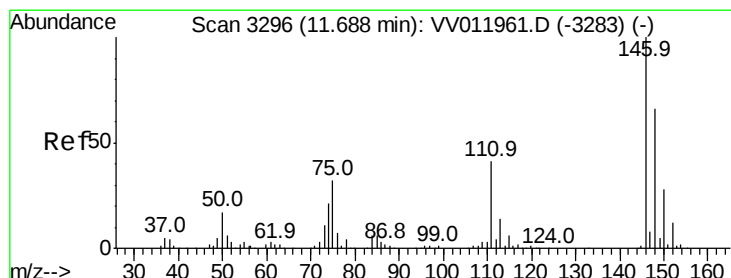
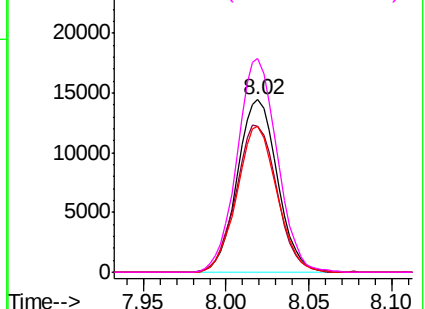
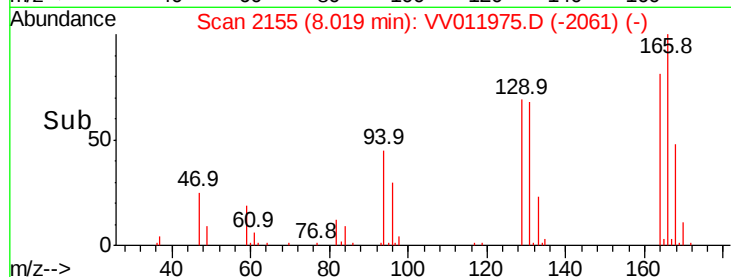
129 84.9 62.5 116.1

131 84.5 58.6 108.8

166 123.7 88.2 163.8



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



#65

1,2-Dichlorobenzene

Concen: 0.170 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

Lab File: VV011975.D

Acq: 23 Jul 2019 20:00

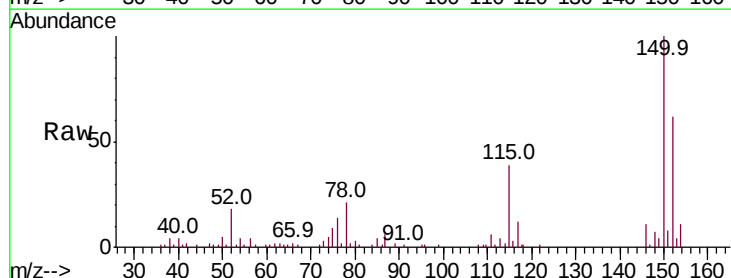
Tgt Ion:146 Resp: 3331

Ion Ratio Lower Upper

146 100

111 51.5 32.5 48.7#

148 62.1 51.4 77.0



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

