

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071819\
 Data File : VV011937.D
 Acq On : 18 Jul 2019 16:40
 Operator : SY/MD
 Sample : K3823-06DL 5X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52K4DL

Quant Time: Jul 19 09:27:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 19 05:34:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145772	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65234	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41239	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.55	69	30638	3.46	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.20%
11) 1,1-Dichloroethene-d2	2.12	63	55569	3.17	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.94	46	139344	51.53	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	4.40	84	98514	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	53800	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	199474	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	60747	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	171012	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	20163	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.13	63	90763	48.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36049	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71732	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

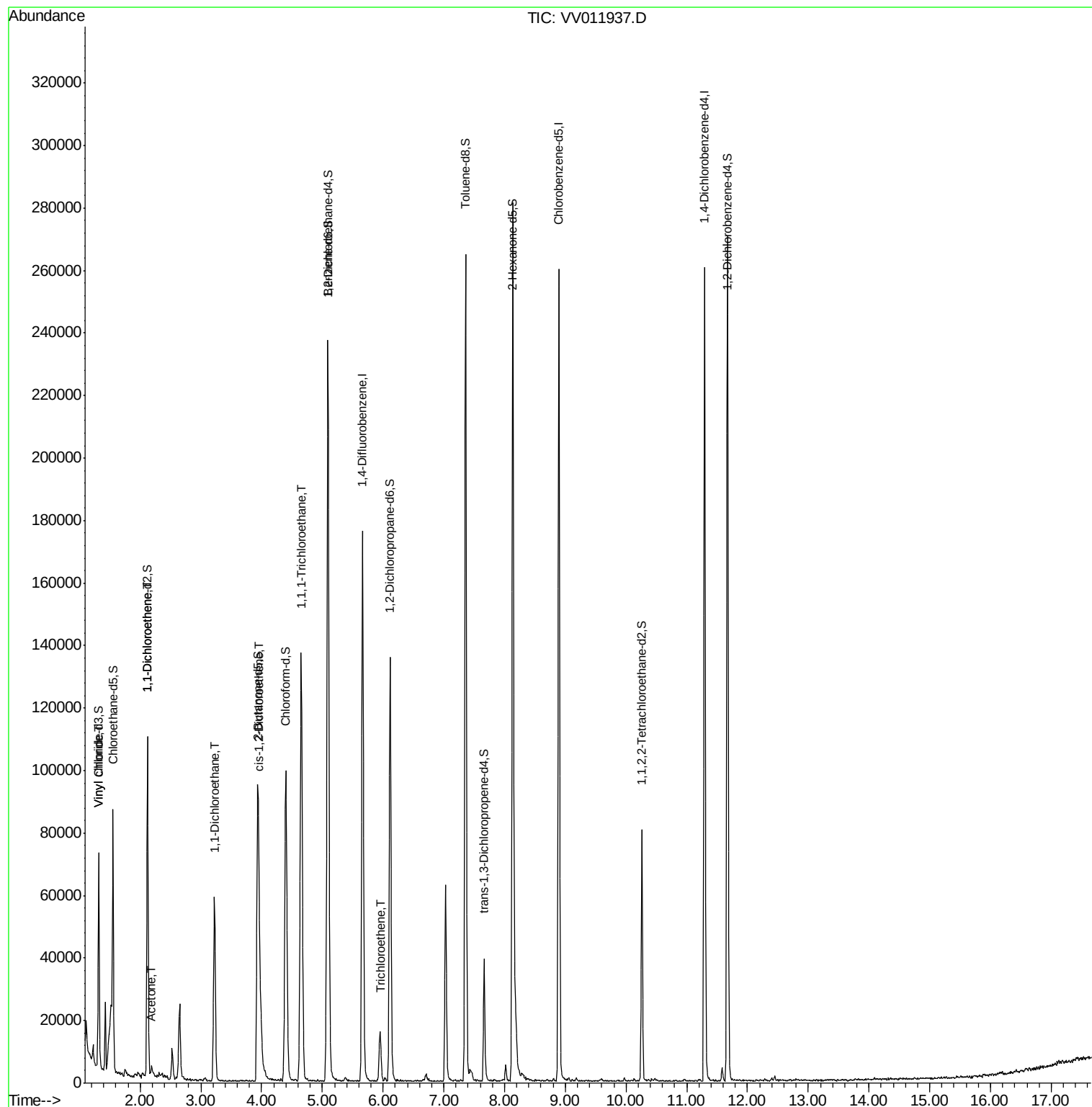
					Ovalue
5) Vinyl chloride	1.32	62	2793	0.201 ug/L #	63
12) 1,1-Dichloroethene	2.13	96	3291	0.424 ug/L #	1
13) Acetone	2.19	43	2691	1.961 ug/L	100
19) 1,1-Dichloroethane	3.23	63	57234	2.779 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	11040	0.982 ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	108634	6.301 ug/L	98
34) Trichloroethene	5.96	95	2341	0.192 ug/L	89

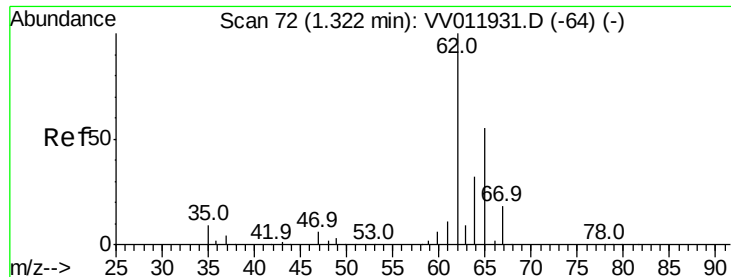
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 19 05:34:55 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.201 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV011937.D

Acq: 18 Jul 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

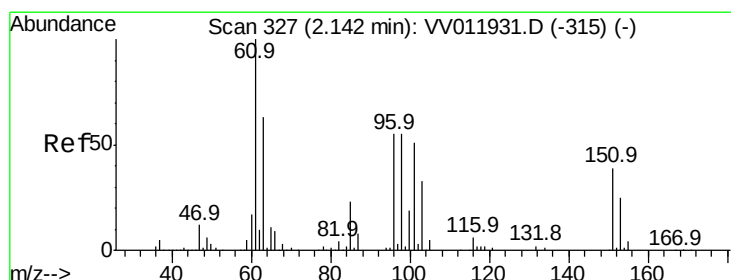
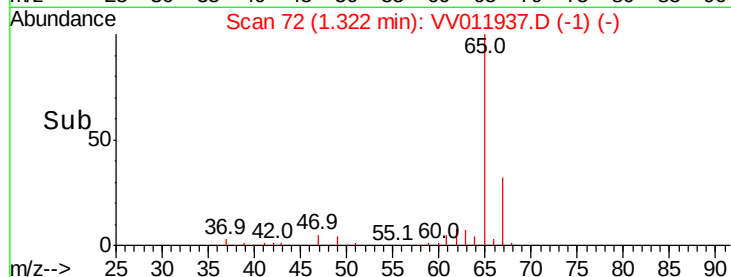
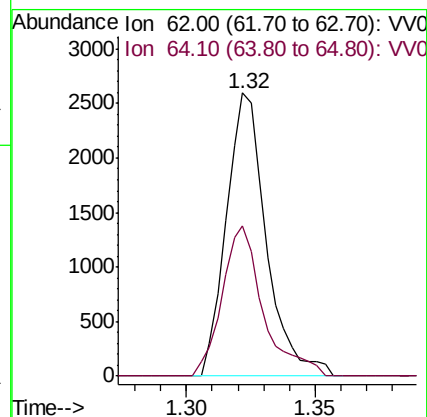
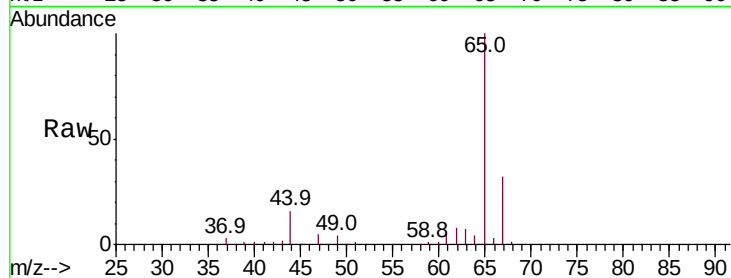
A52K4DL

Tot Ion: 62 Resp: 2793

Ion Ratio Lower Upper

62 100

64 53.3 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.424 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV011937.D

Acq: 18 Jul 2019 16:40

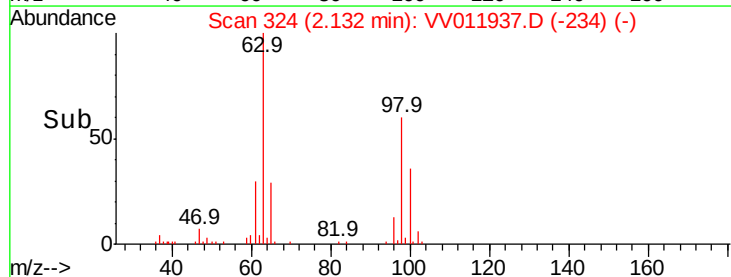
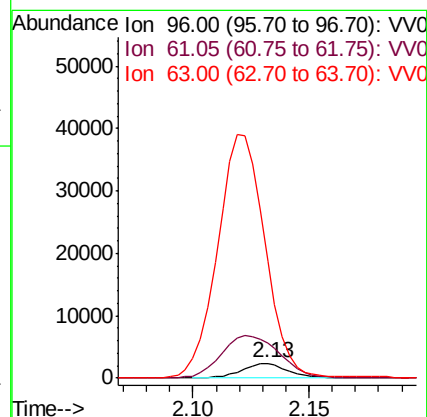
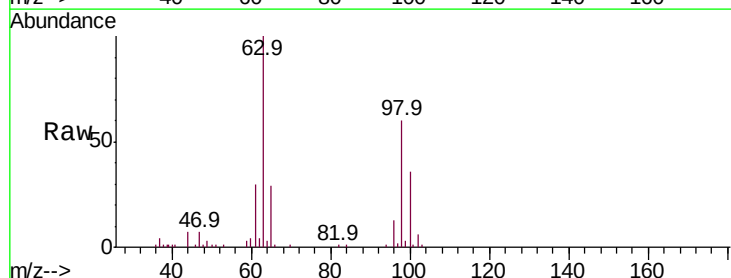
Tgt Ion: 96 Resp: 3291

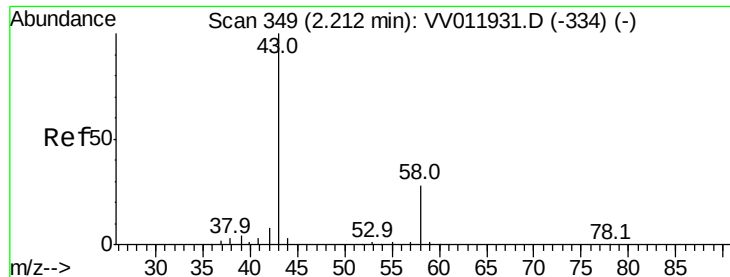
Ion Ratio Lower Upper

96 100

61 233.5 128.9 239.3

63 790.6 85.5 158.9#





#13

Acetone

Concen: 1.961 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011937.D

Acq: 18 Jul 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

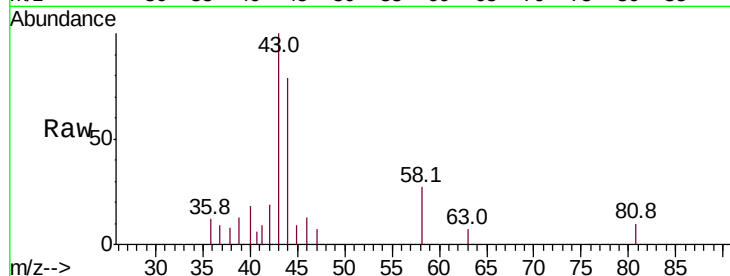
A52K4DL

Tot Ion: 43 Resp: 2691

Ion Ratio Lower Upper

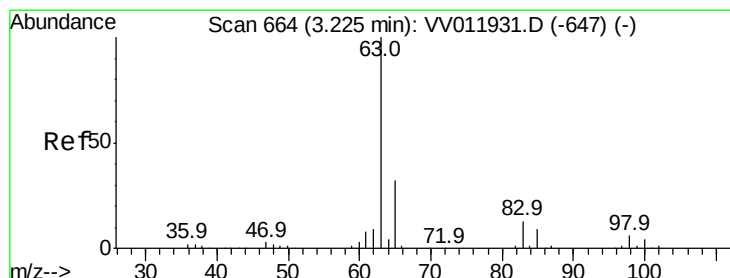
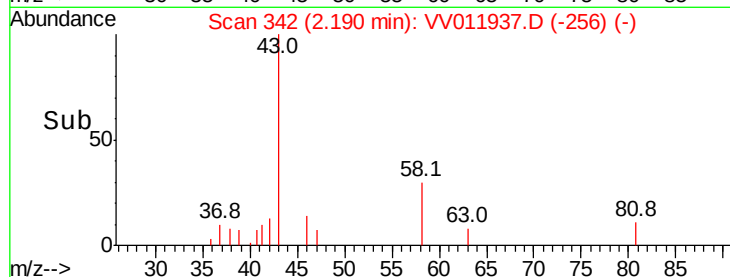
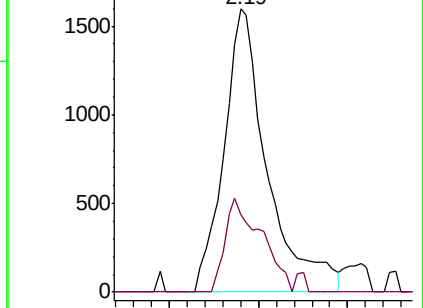
43 100

58 27.7 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#19

1,1-Dichloroethane

Concen: 2.779 ug/L

RT: 3.23 min Scan# 664

Delta R.T. 0.00 min

Lab File: VV011937.D

Acq: 18 Jul 2019 16:40

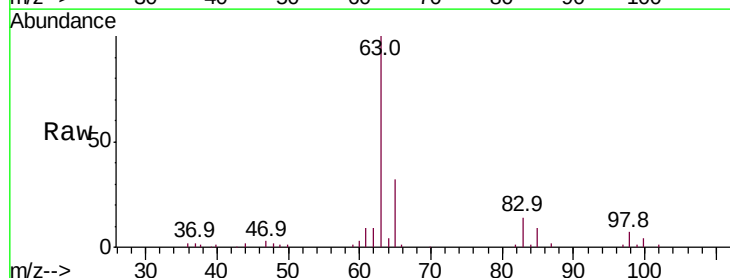
Tgt Ion: 63 Resp: 57234

Ion Ratio Lower Upper

63 100

65 31.8 22.7 42.3

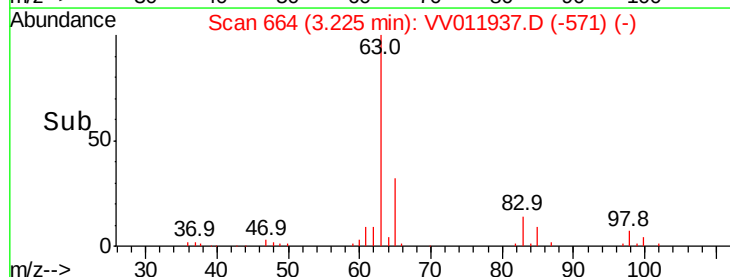
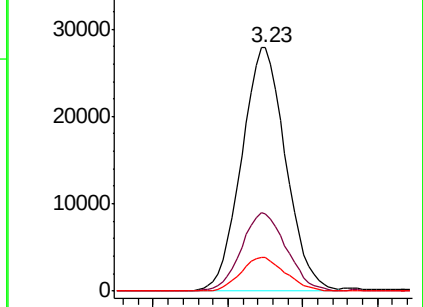
83 13.6 9.4 17.6

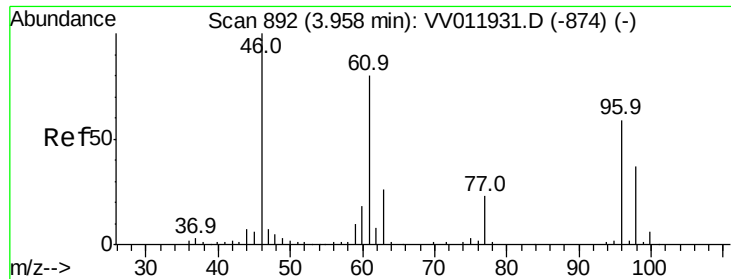


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



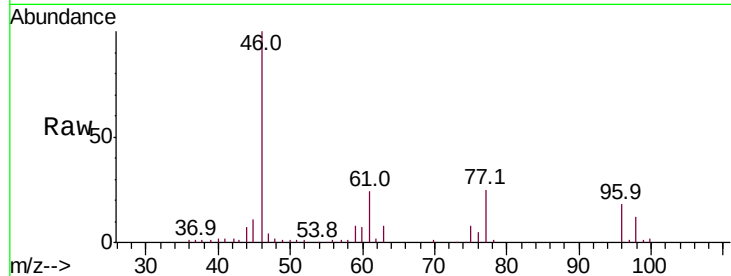


#22

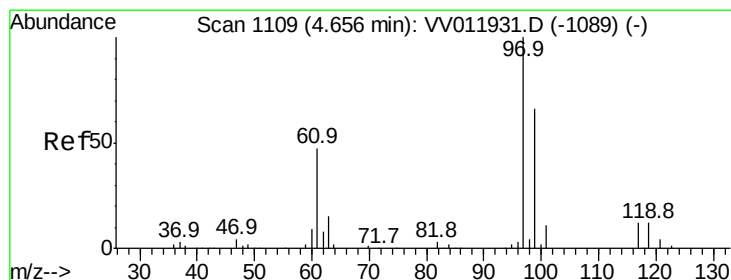
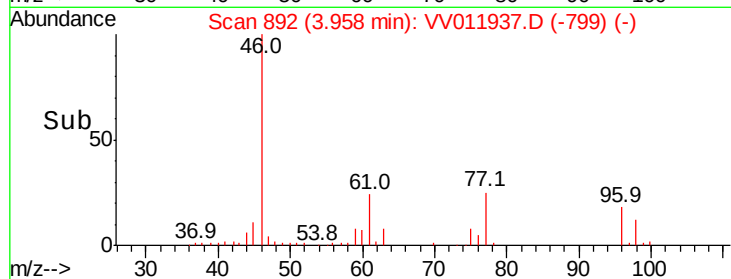
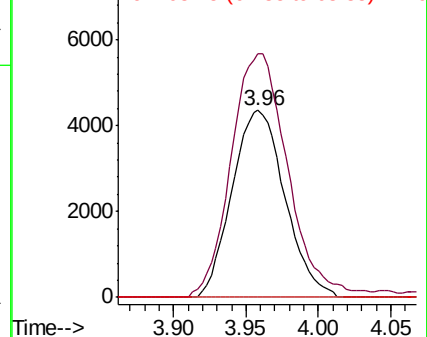
cis-1,2-Dichloroethene
Concen: 0.982 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011937.D
Acq: 18 Jul 2019 16:40

Instrument :
MSVOA_V
ClientSampleId :
A52K4DL

Tot Ion: 96 Resp: 11040
Ion Ratio Lower Upper
96 100
61 130.2 95.2 176.8
68 0.0 0.0 0.0



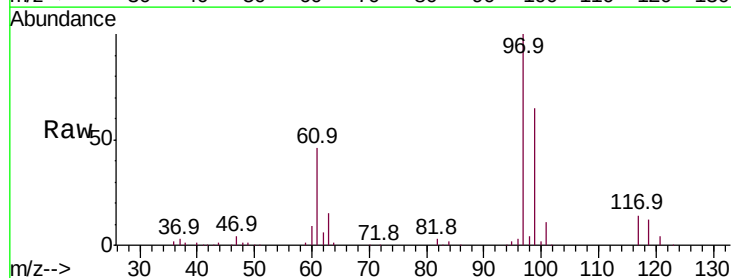
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



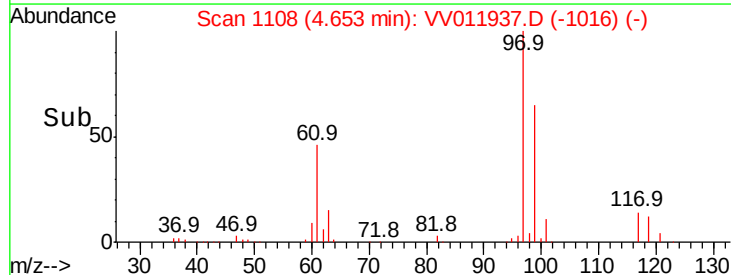
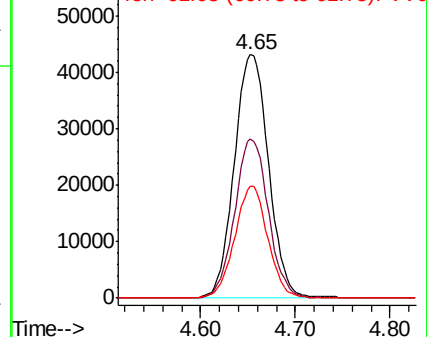
#29

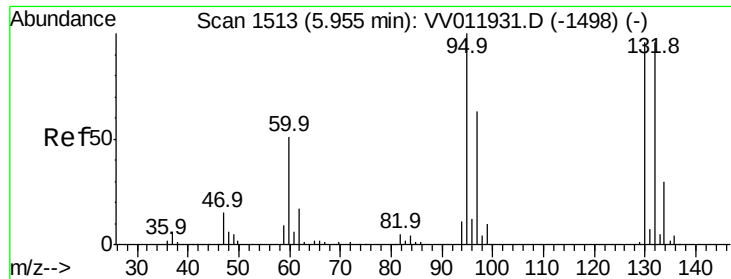
1,1,1-Trichloroethane
Concen: 6.301 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV011937.D
Acq: 18 Jul 2019 16:40

Tgt Ion: 97 Resp: 108634
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 44.4 38.6 57.8



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 0.192 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV011937.D

Acq: 18 Jul 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

A52K4DL

Tot Ion: 95 Resp: 2341

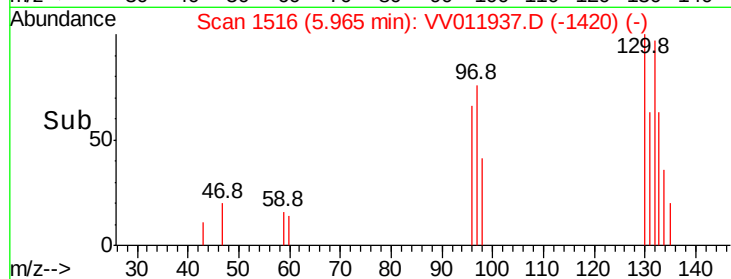
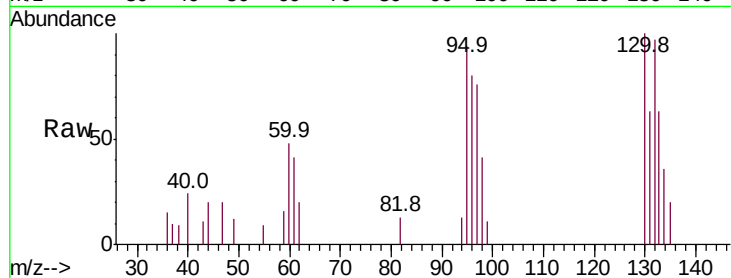
Ion Ratio Lower Upper

95 100

97 80.9 44.0 81.6

132 102.9 67.0 124.4

130 106.5 69.1 128.3



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

