

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011669.D
 Acq On : 21 Jun 2019 02:47
 Operator : SY/MD
 Sample : K3381-12 500X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM6

Quant Time: Jun 21 04:43:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 04:33:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150162	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52751	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47528	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	34732	4.96	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	75775	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.95	46	184918	70.43	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.86%#
24) Chloroform-d	4.40	84	96266	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.08	65	69134	6.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.60%
32) Benzene-d6	5.10	84	214600	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.12	67	70405	5.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.60%
41) Toluene-d8	7.36	98	171670	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	16841	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	140467	71.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.02%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52876	6.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	58761	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

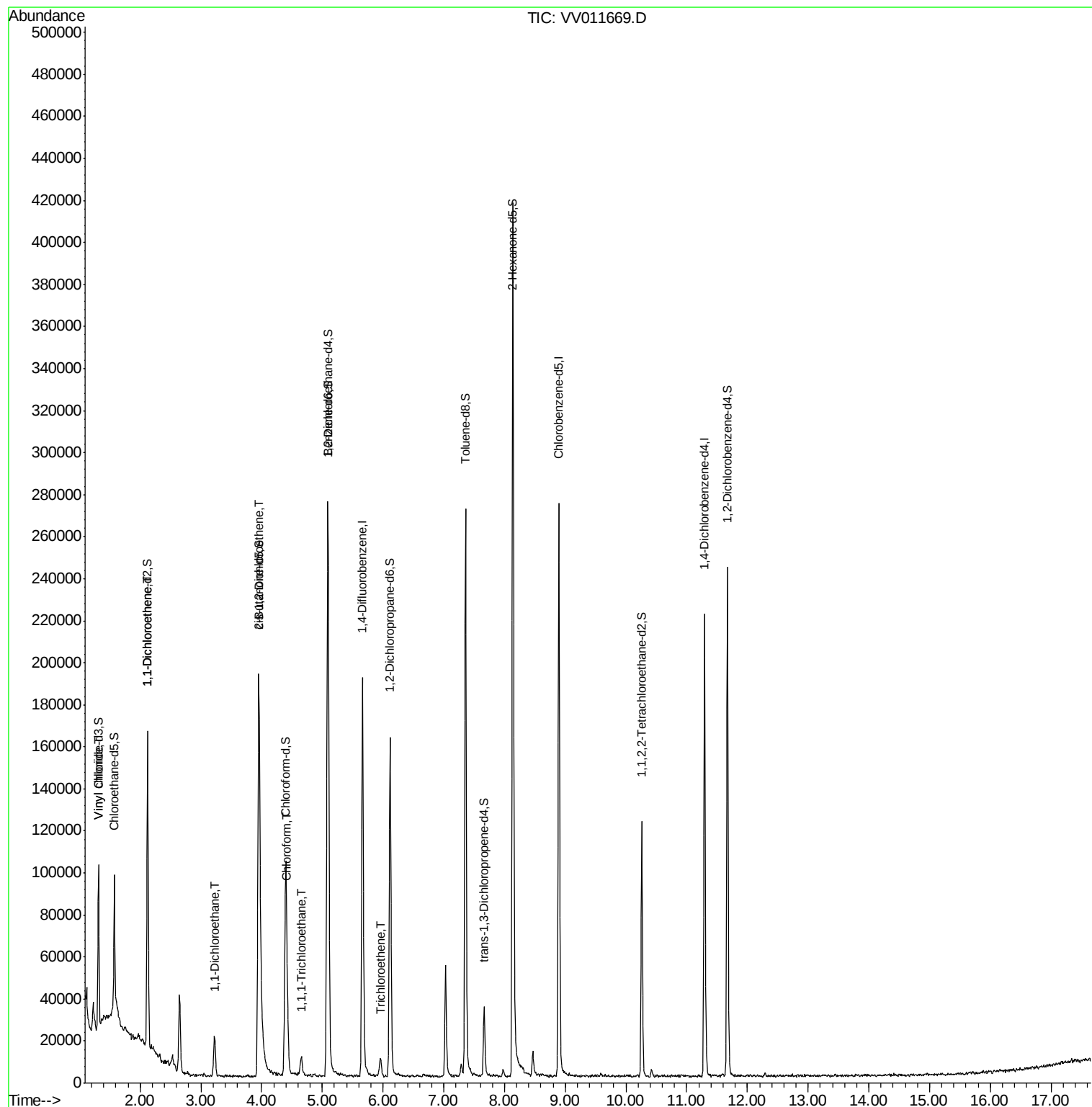
					Ovalue
5) Vinyl chloride	1.32	62	2068	0.149 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	7570	0.815 ug/L #	1
19) 1,1-Dichloroethane	3.23	63	17935	0.826 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	48154	4.011 ug/L	100
25) Chloroform	4.42	83	18019	0.756 ug/L	91
29) 1,1,1-Trichloroethane	4.65	97	5809	0.324 ug/L	98
34) Trichloroethene	5.96	95	2403	0.196 ug/L	95

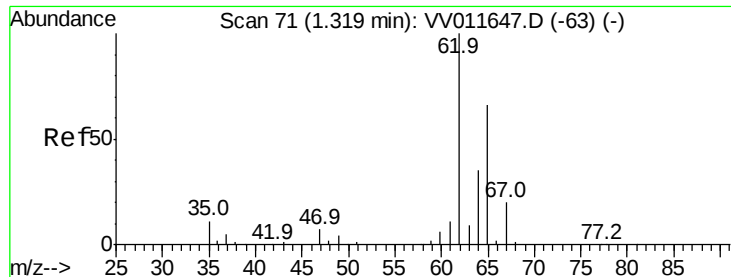
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 04:33:10 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.149 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011669.D

Acq: 21 Jun 2019 02:47

Instrument :

MSVOA_V

ClientSampled :

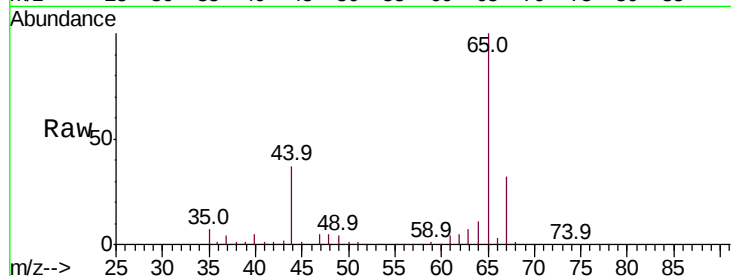
BFCM6

Tot Ion: 62 Resp: 2068

Ion Ratio Lower Upper

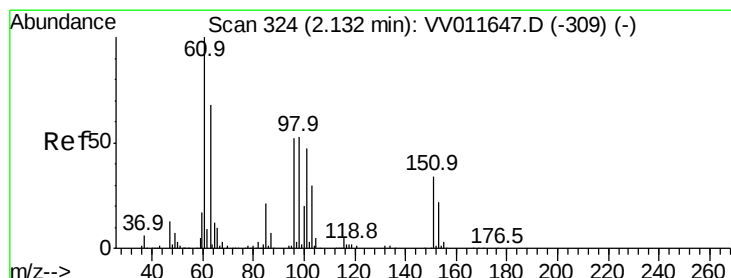
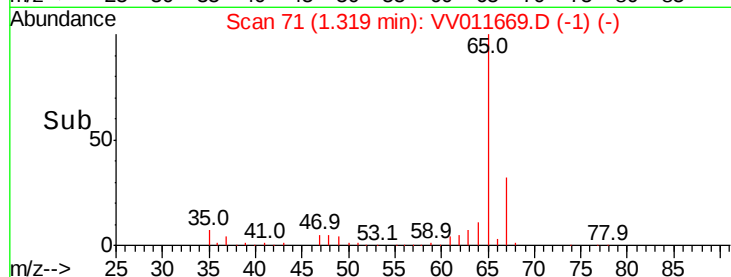
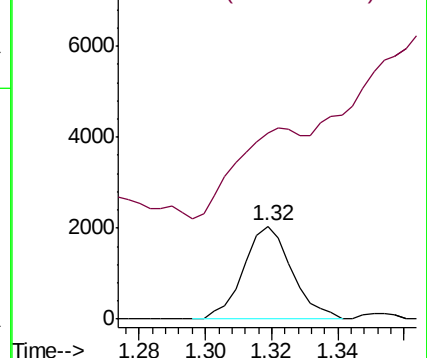
62 100

64 200.3 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 0.815 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV011669.D

Acq: 21 Jun 2019 02:47

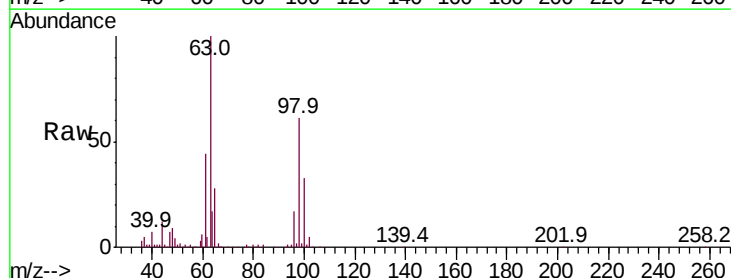
Tgt Ion: 96 Resp: 7570

Ion Ratio Lower Upper

96 100

61 249.0 131.5 244.1#

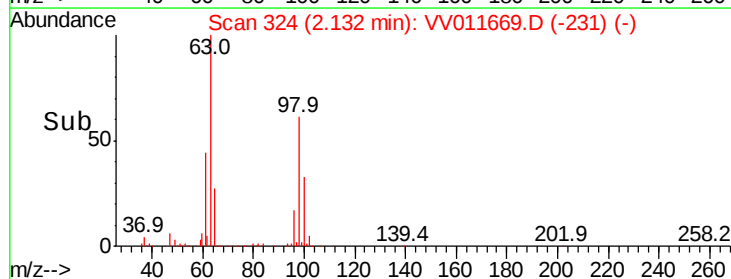
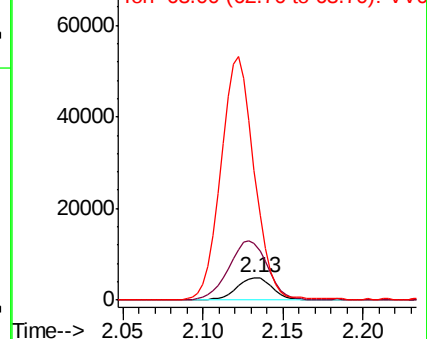
63 571.6 91.8 170.4#

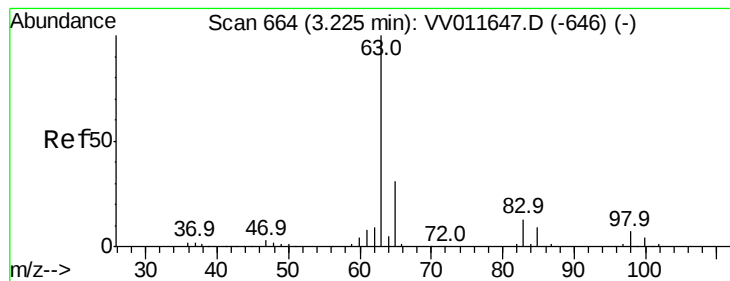


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#19

1,1-Dichloroethane

Concen: 0.826 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.00 min

Lab File: VV011669.D

Acq: 21 Jun 2019 02:47

Instrument :

MSVOA_V

ClientSampled :

BFCM6

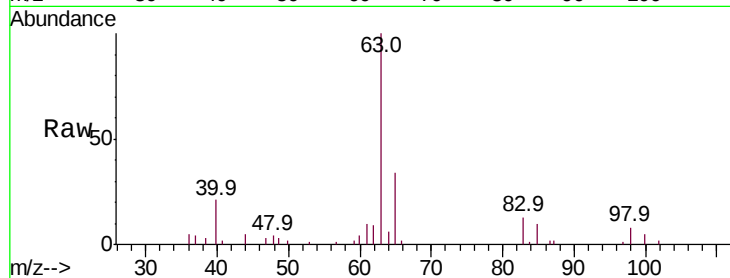
Tot Ion: 63 Resp: 17935

Ion Ratio Lower Upper

63 100

65 34.4 23.0 42.8

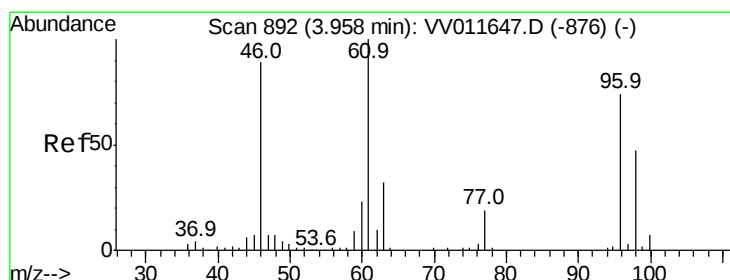
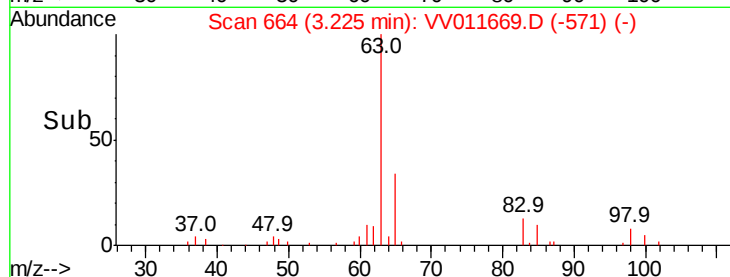
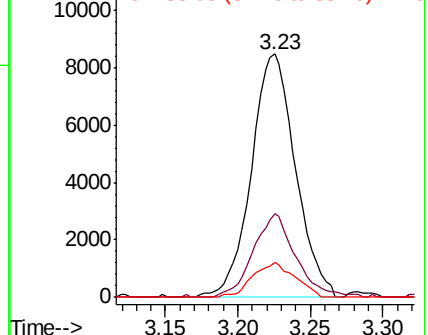
83 14.4 9.5 17.7



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: 4.011 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV011669.D

Acq: 21 Jun 2019 02:47

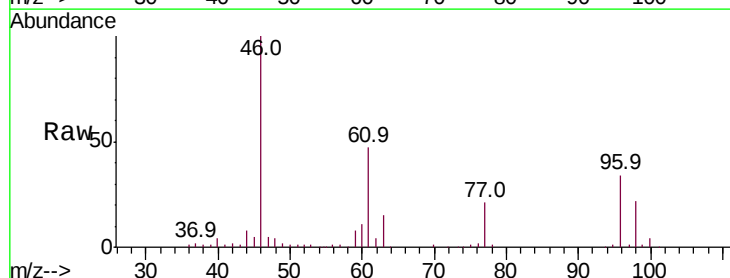
Tgt Ion: 96 Resp: 48154

Ion Ratio Lower Upper

96 100

61 139.9 97.9 181.7

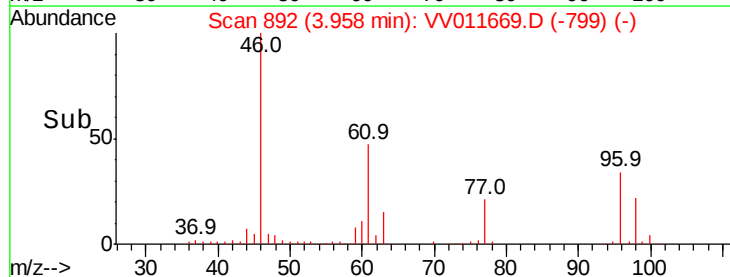
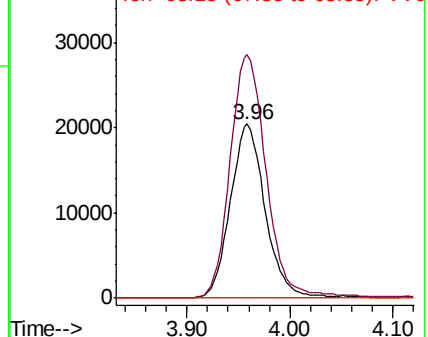
68 0.0 0.0 0.0

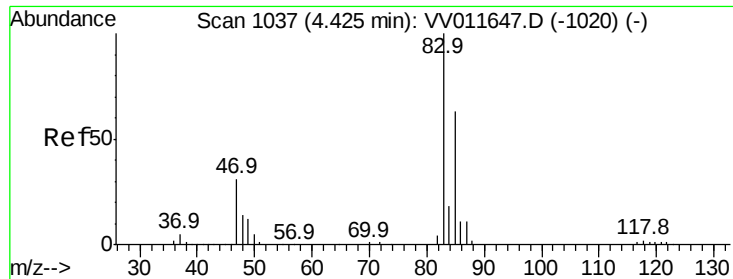


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

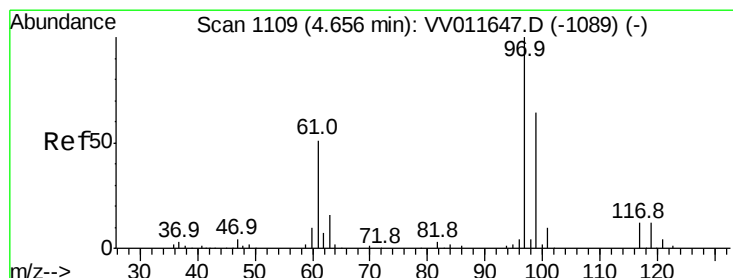
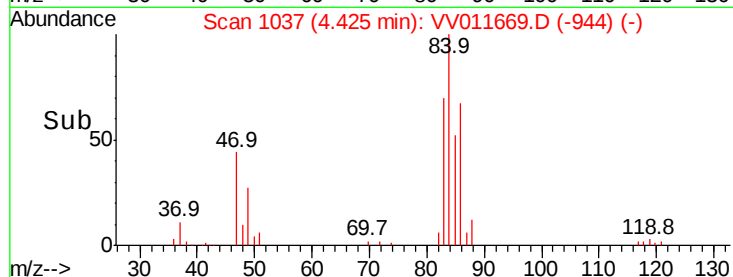
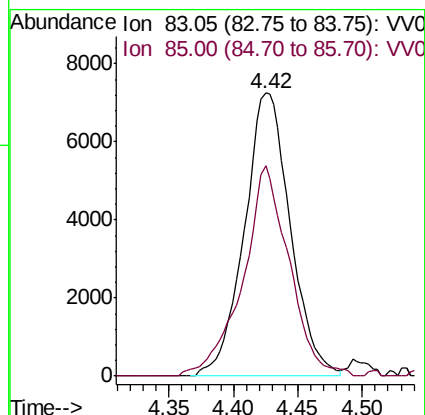
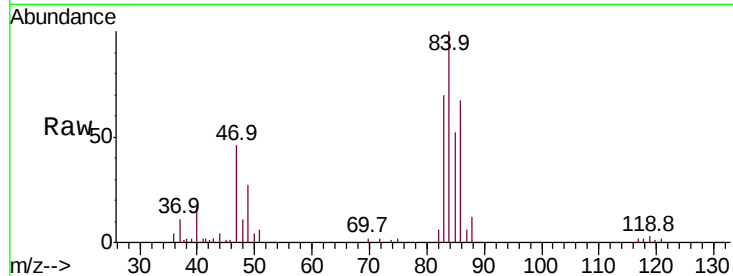




#25
Chloroform
Concen: 0.756 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011669.D
Acq: 21 Jun 2019 02:47

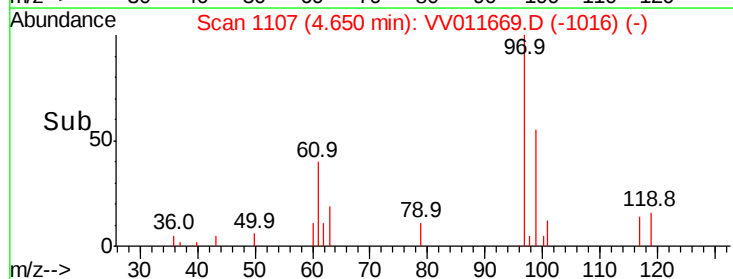
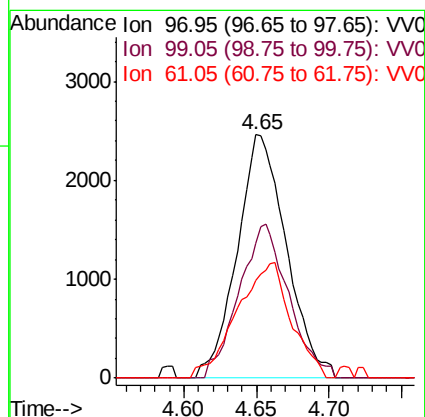
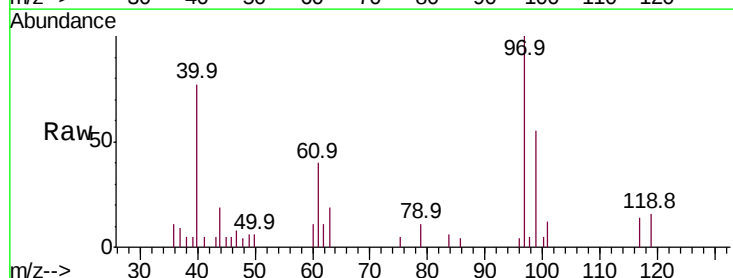
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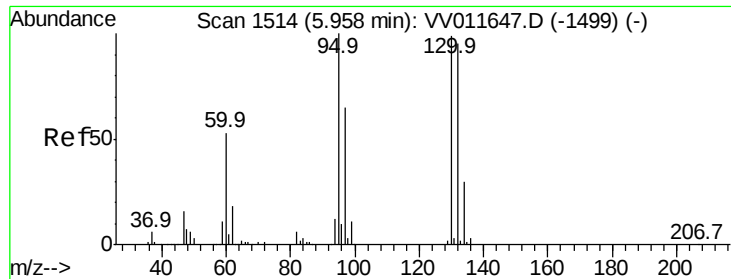
Tot Ion: 83 Resp: 18019
Ion Ratio Lower Upper
83 100
85 74.1 47.0 87.2



#29
1,1,1-Trichloroethane
Concen: 0.324 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VV011669.D
Acq: 21 Jun 2019 02:47

Tgt Ion: 97 Resp: 5809
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 52.1 39.8 59.6





#34

Trichloroethene

Concen: 0.196 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV011669.D

Acq: 21 Jun 2019 02:47

Instrument :

MSVOA_V

ClientSampleId :

BFCM6

Tot Ion: 95 Resp: 2403

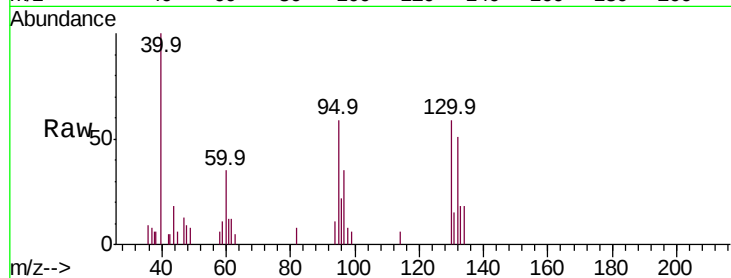
Ion Ratio Lower Upper

95 100

97 59.4 44.4 82.5

132 85.4 65.0 120.6

130 99.3 67.1 124.7



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

