

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011653.D
 Acq On : 20 Jun 2019 20:00
 Operator : SY/MD
 Sample : K3381-06 40X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM4

Quant Time: Jun 21 03:48:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 02:33:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169667	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154867	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57682	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.57	69	38193	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.12	63	95721	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	3.95	46	170253	57.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.78%
24) Chloroform-d	4.40	84	103821	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	64949	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.09	84	228318	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	70827	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	196007	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.66	79	19374	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	124021	56.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48176	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	63596	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

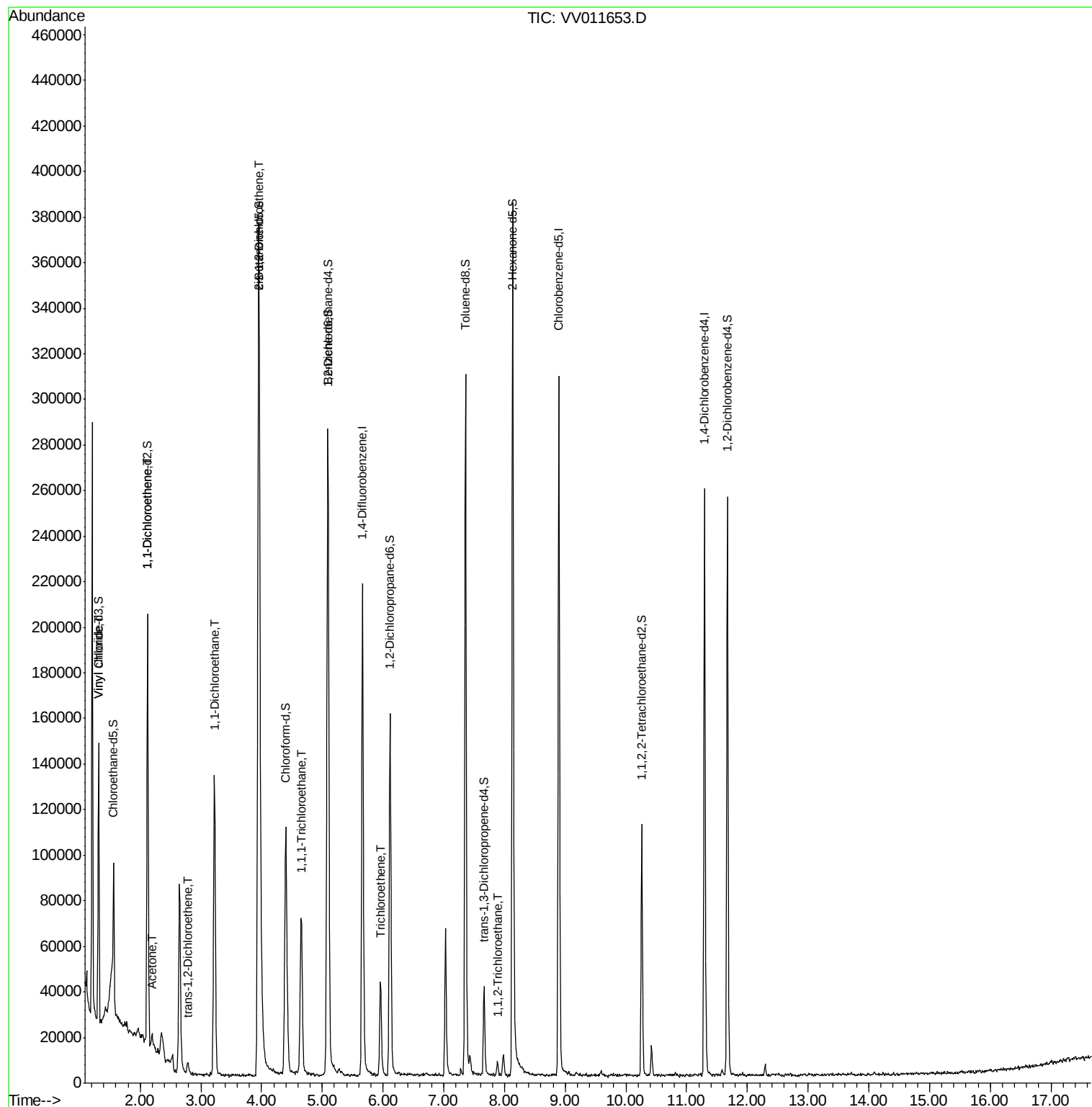
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	20323	1.295	ug/L #	82
12) 1,1-Dichloroethene	2.13	96	10814	1.030	ug/L #	1
13) Acetone	2.20	43	5836	2.724	ug/L	94
18) trans-1,2-Dichloroethene	2.78	96	1393	0.113	ug/L	91
19) 1,1-Dichloroethane	3.22	63	129678	5.285	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	151762	11.187	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	51446	2.580	ug/L	98
34) Trichloroethene	5.96	95	14165	1.040	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	1610	0.195	ug/L	89

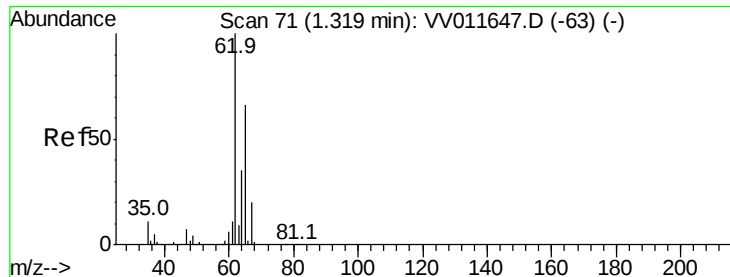
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 02:33:37 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.295 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011653.D

Acq: 20 Jun 2019 20:00

Instrument :

MSVOA_V

ClientSampled :

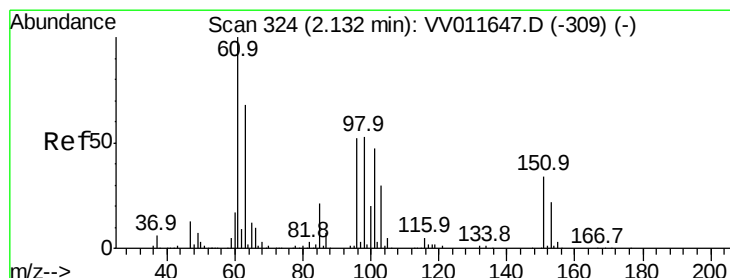
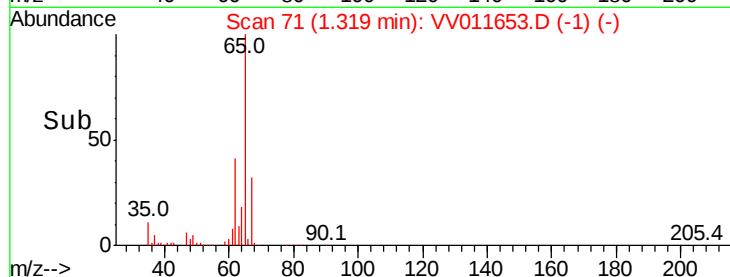
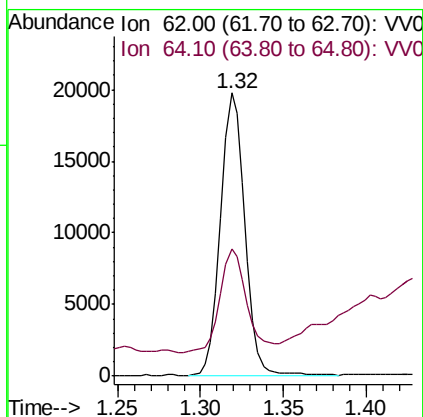
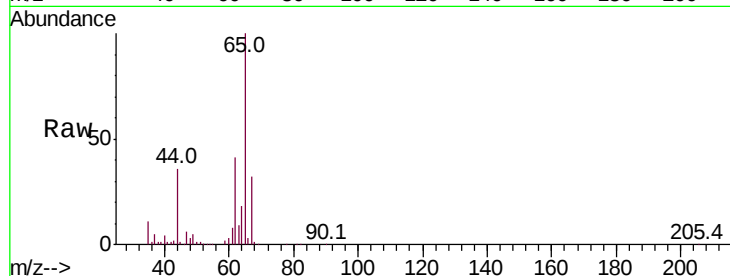
BFCM4

Tot Ion: 62 Resp: 20323

Ion Ratio Lower Upper

62 100

64 44.8 24.1 44.7#



#12

1,1-Dichloroethene

Concen: 1.030 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV011653.D

Acq: 20 Jun 2019 20:00

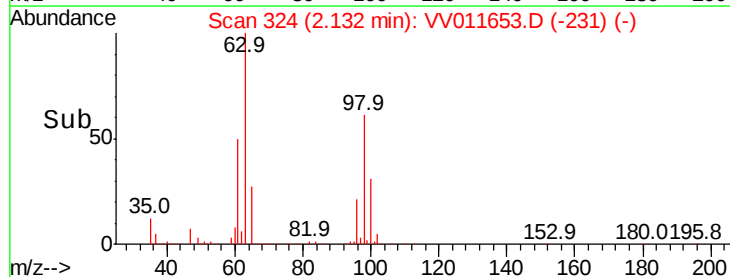
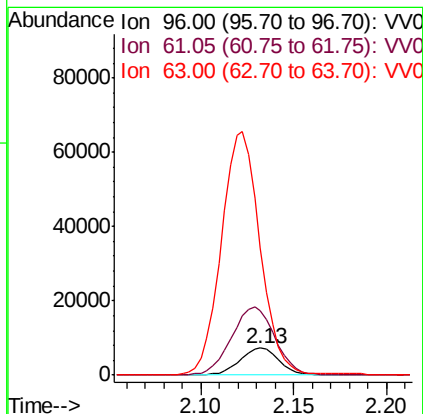
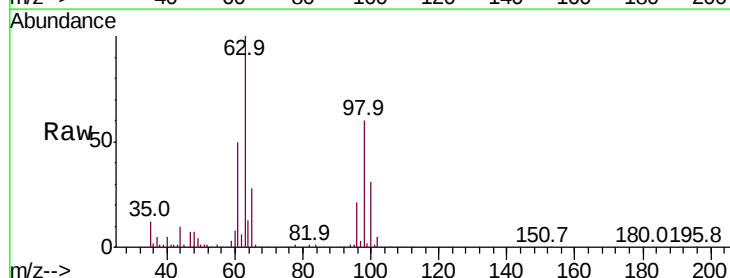
Tgt Ion: 96 Resp: 10814

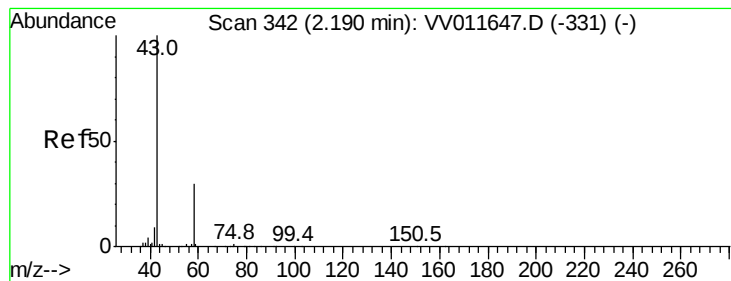
Ion Ratio Lower Upper

96 100

61 236.5 131.5 244.1

63 471.5 91.8 170.4#





#13

Acetone

Concen: 2.724 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV011653.D

Acq: 20 Jun 2019 20:00

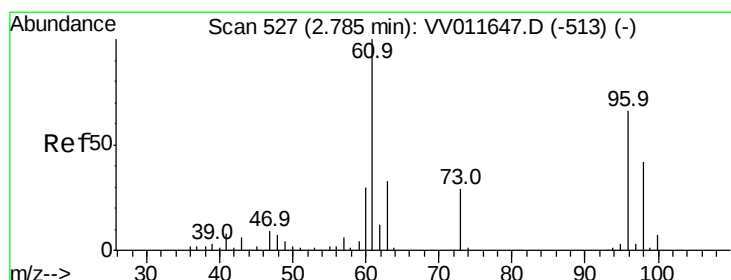
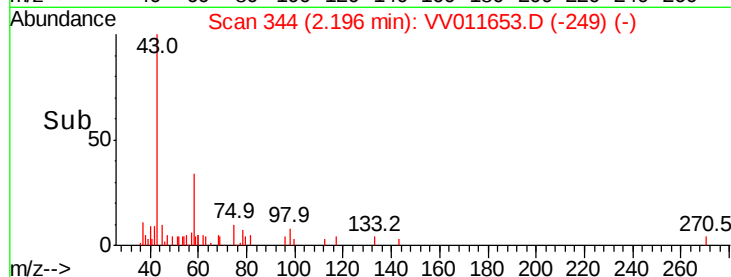
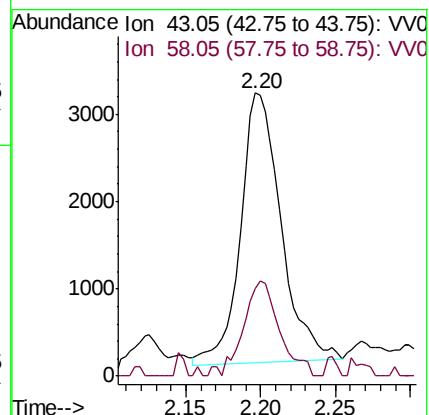
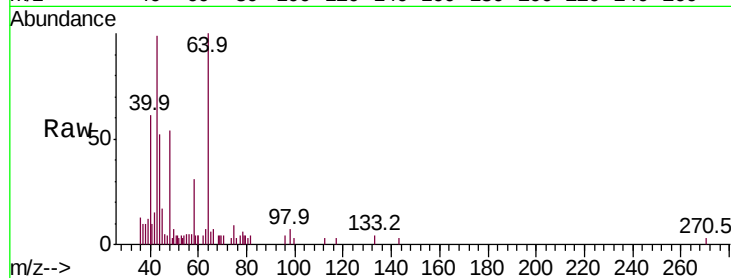
Instrument :
MSVOA_V
ClientSampled :
BFCM4

Tot Ion: 43 Resp: 5836

Ion Ratio Lower Upper

43 100

58 31.7 0.0 56.6



#18

trans-1,2-Dichloroethene

Concen: 0.113 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.01 min

Lab File: VV011653.D

Acq: 20 Jun 2019 20:00

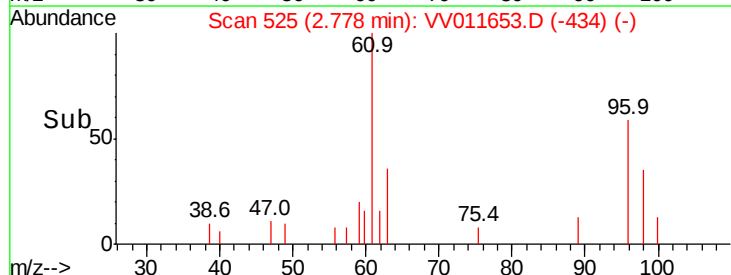
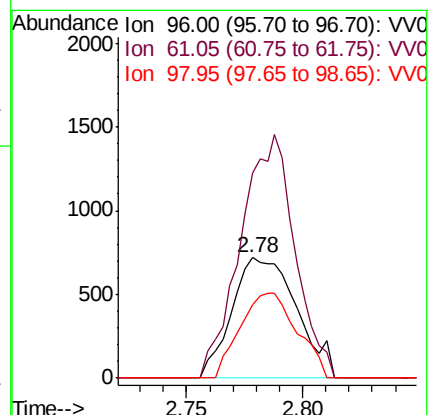
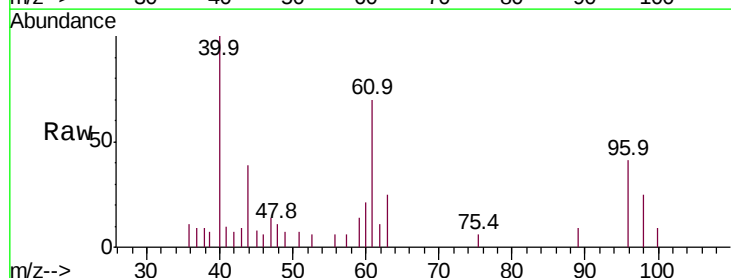
Tgt Ion: 96 Resp: 1393

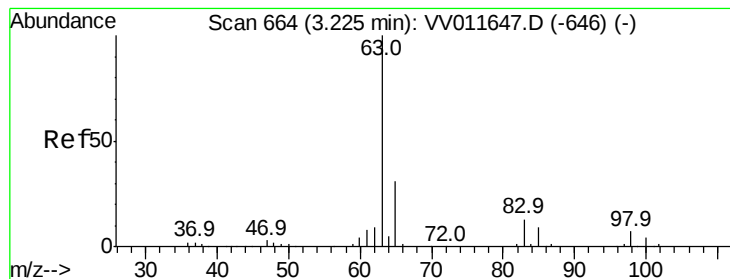
Ion Ratio Lower Upper

96 100

61 170.6 109.3 203.1

98 60.4 44.6 82.8





#19

1,1-Dichloroethane

Concen: 5.285 ug/L

RT: 3.22 min Scan# 663

Delta R.T. -0.00 min

Lab File: VV011653.D

Acq: 20 Jun 2019 20:00

Instrument :

MSVOA_V

ClientSampleId :

BFCM4

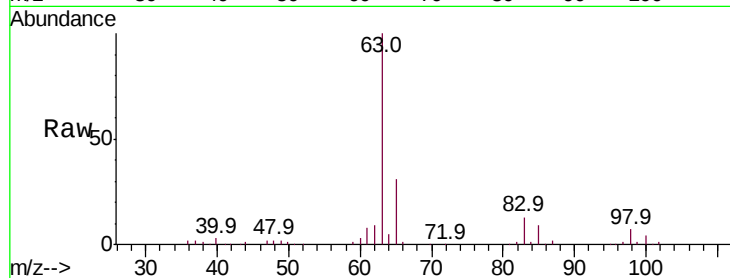
Tot Ion: 63 Resp: 129678

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

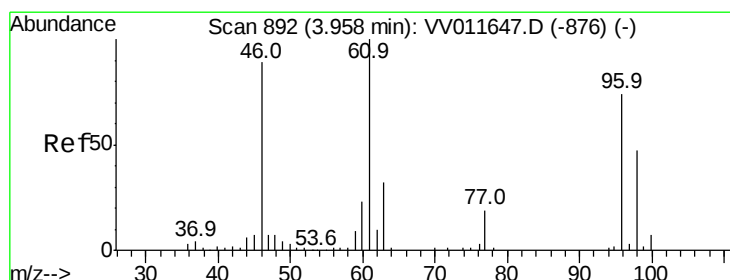
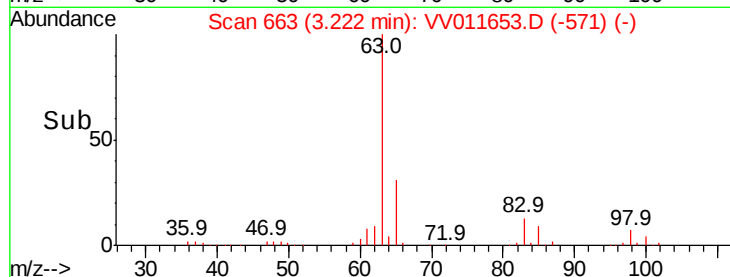
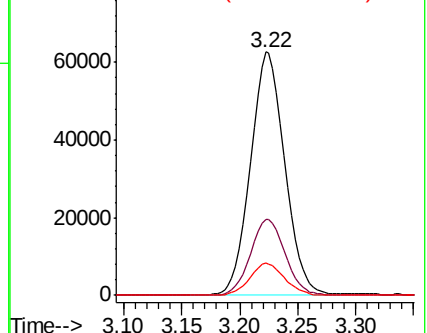
83 13.1 9.5 17.7



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: 11.187 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV011653.D

Acq: 20 Jun 2019 20:00

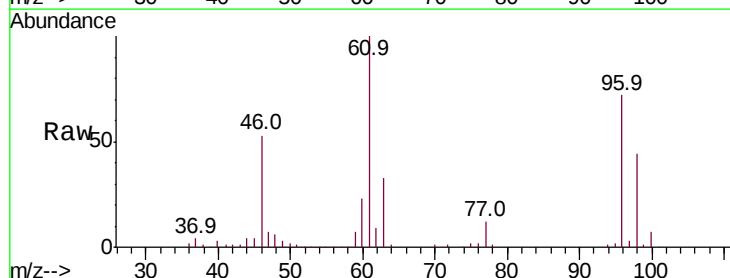
Tgt Ion: 96 Resp: 151762

Ion Ratio Lower Upper

96 100

61 139.8 97.9 181.7

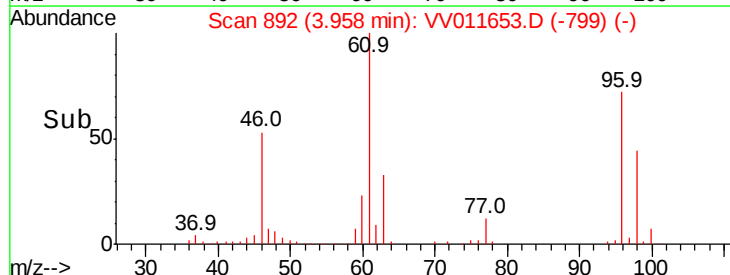
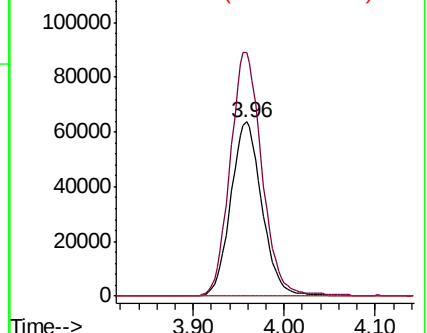
68 0.0 0.0 0.0

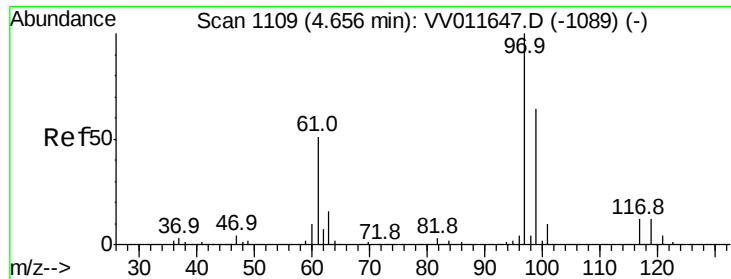


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

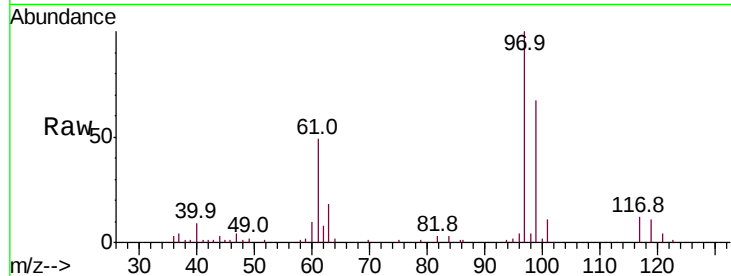




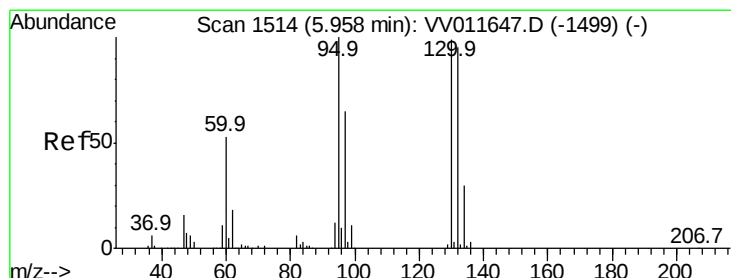
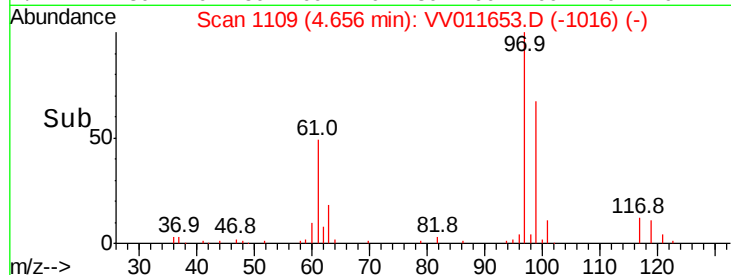
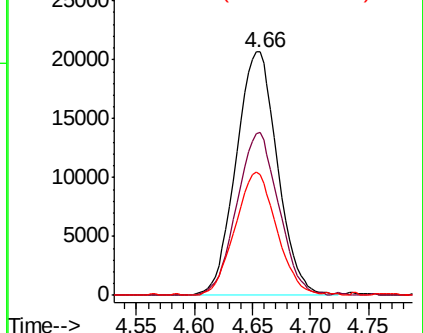
#29
1,1,1-Trichloroethane
Concen: 2.580 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV011653.D
Acq: 20 Jun 2019 20:00

Instrument :
MSVOA_V
ClientSampled :
BFCM4

Tot Ion: 97 Resp: 51446
Ion Ratio Lower Upper
97 100
99 67.1 51.6 77.4
61 50.7 39.8 59.6



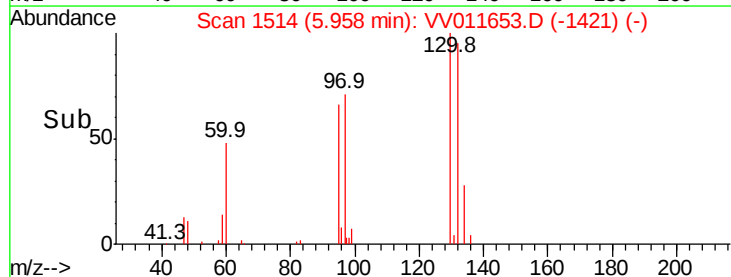
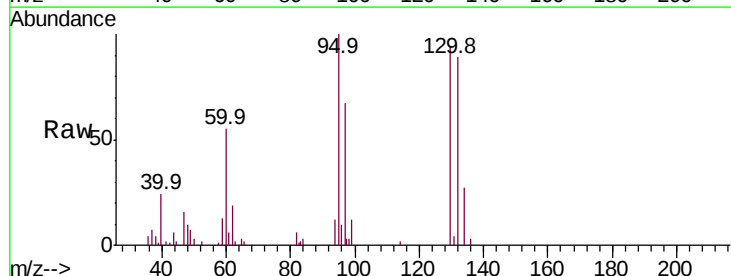
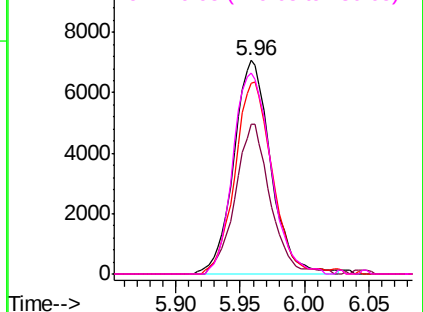
Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

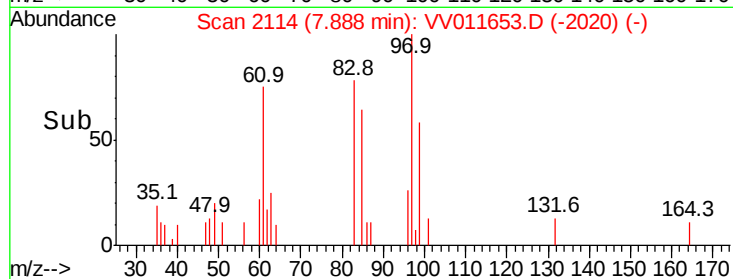
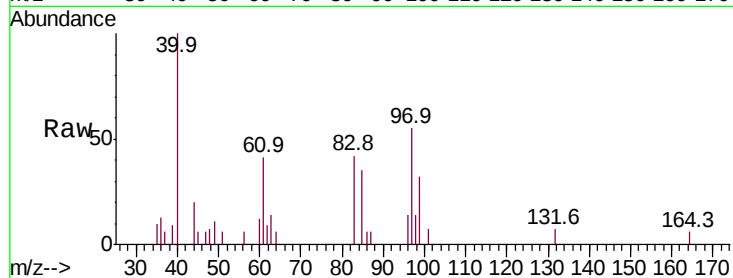
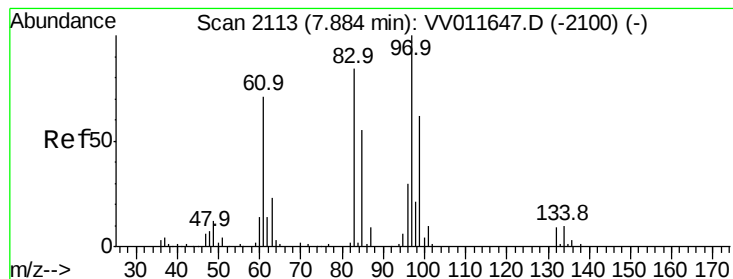


#34
Trichloroethene
Concen: 1.040 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV011653.D
Acq: 20 Jun 2019 20:00

Tgt Ion: 95 Resp: 14165
Ion Ratio Lower Upper
95 100
97 70.1 44.4 82.5
132 89.4 65.0 120.6
130 94.4 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): VV0
Ion 129.95 (129.65 to 130.65): VV0





#45

1,1,2-Trichloroethane

Concen: 0.195 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VV011653.D

Acq: 20 Jun 2019 20:00

Instrument :

MSVOA_V

ClientSampleId :

BFCM4

Tot Ion: 97 Resp: 1610

Ion Ratio Lower Upper

97 100

99 58.1 45.7 84.9

83 77.6 65.0 120.6

85 64.4 42.4 78.6

Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

