

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011670.D
 Acq On : 21 Jun 2019 03:13
 Operator : SY/MD
 Sample : K3381-16 1000X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCK9

Quant Time: Jun 21 04:50:37 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	161302	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50177	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.57	69	33552	4.46	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.12	63	80161	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.95	46	165552	58.70	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.40%
24) Chloroform-d	4.40	84	85453	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.08	65	62376	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.09	84	210196	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	65642	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	180068	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	18674	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	122430	58.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46801	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	60359	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

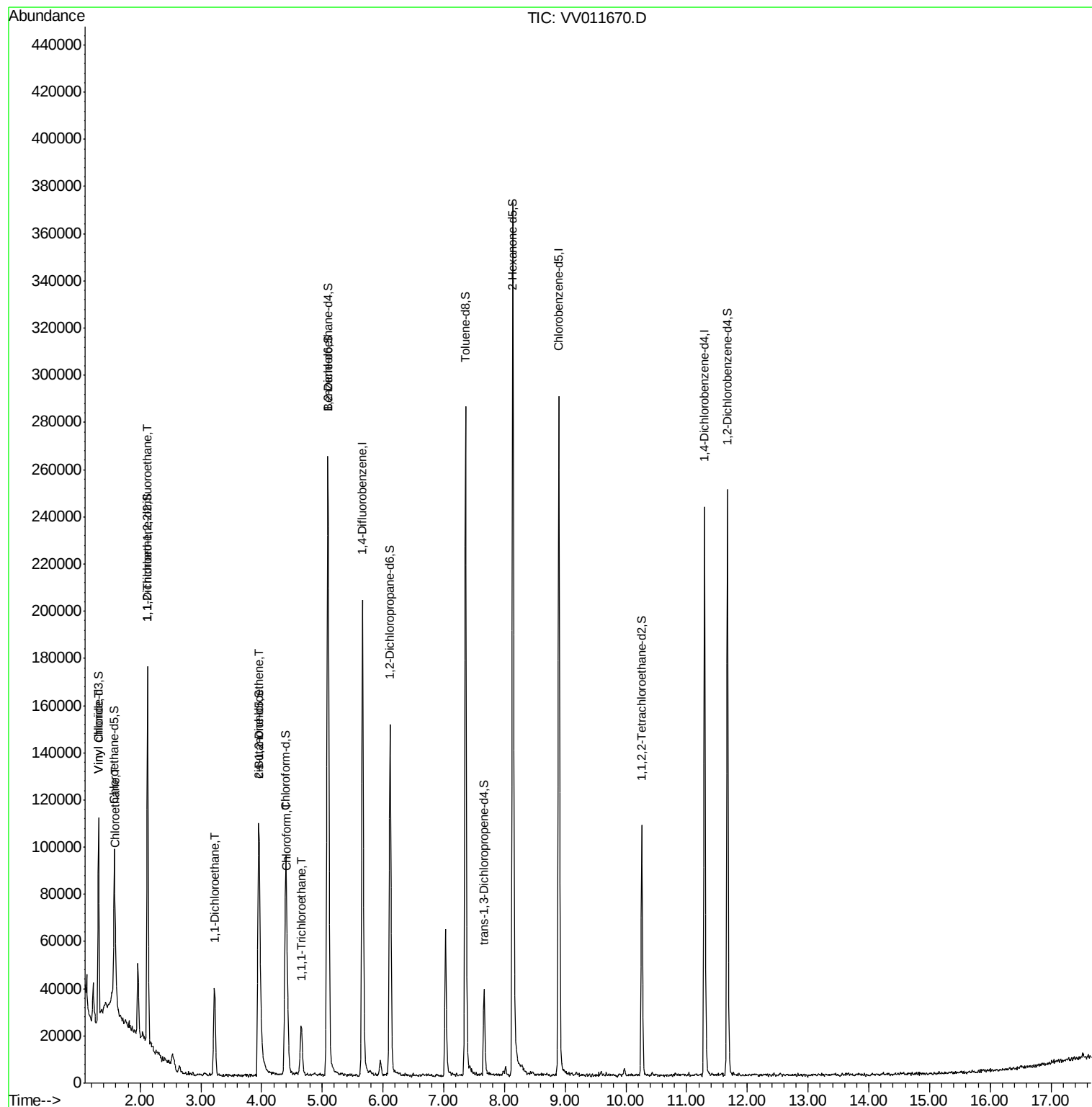
					Ovalue
5) Vinyl chloride	1.32	62	3416	0.229 ug/L #	1
8) Chloroethane	1.59	64	12033	1.544 ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3080	0.282 ug/L #	85
19) 1,1-Dichloroethane	3.23	63	36669	1.572 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	8804	0.683 ug/L	93
25) Chloroform	4.42	83	21089	0.823 ug/L	92
29) 1,1,1-Trichloroethane	4.66	97	14489	0.754 ug/L	99

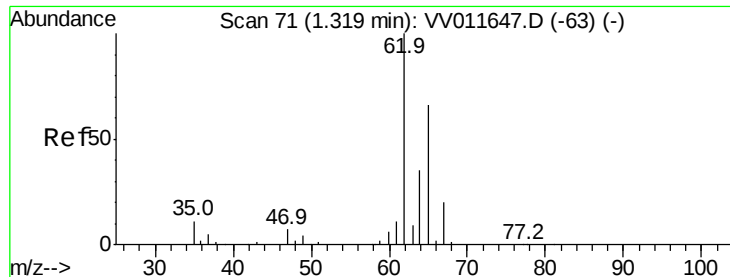
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 04:33:10 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.229 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011670.D

Acq: 21 Jun 2019 03:13

Instrument :

MSVOA_V

ClientSampled :

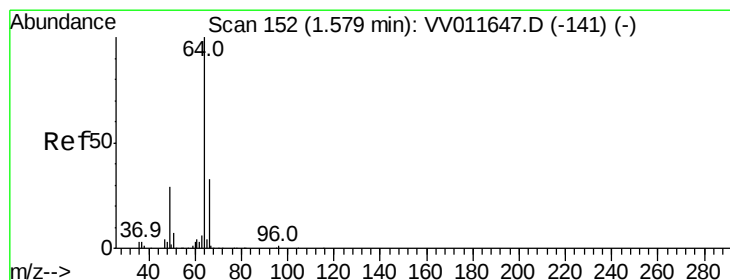
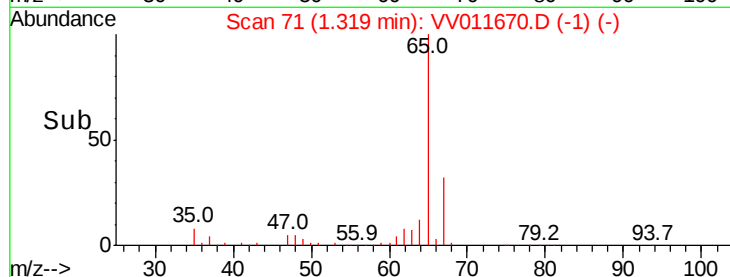
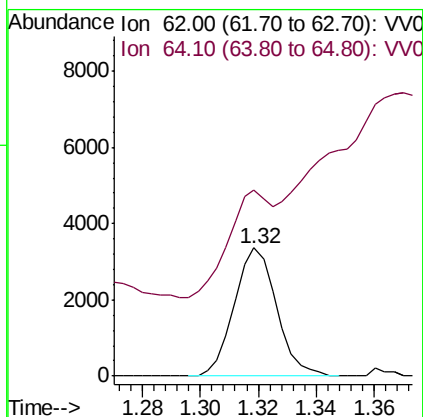
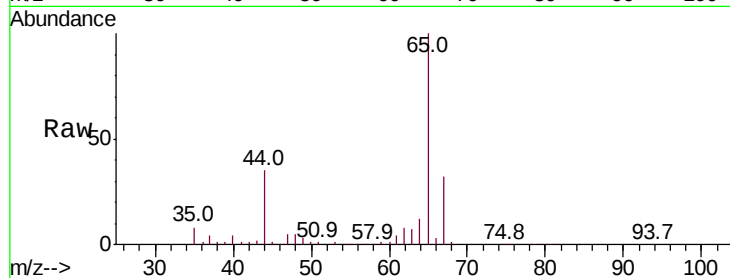
BFC9

Tot Ion: 62 Resp: 3416

Ion Ratio Lower Upper

62 100

64 145.6 24.1 44.7#



#8

Chloroethane

Concen: 1.544 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.01 min

Lab File: VV011670.D

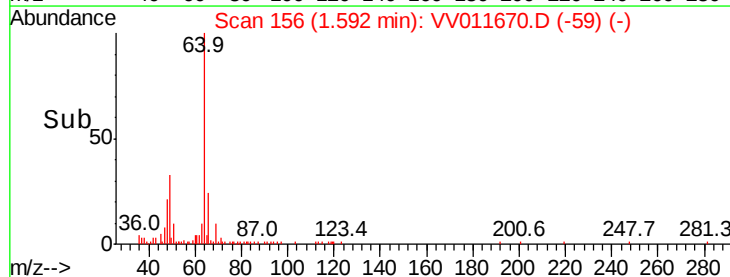
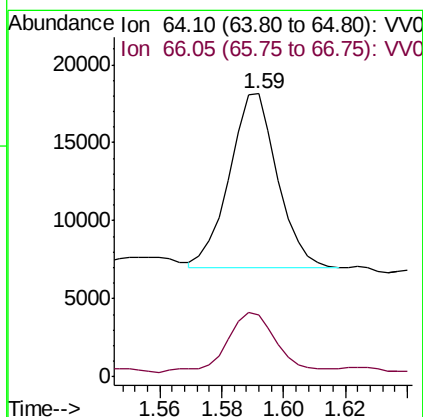
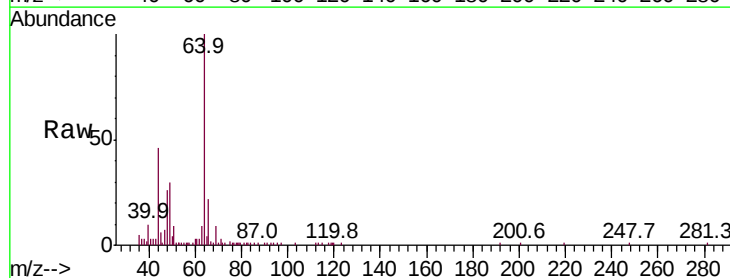
Acq: 21 Jun 2019 03:13

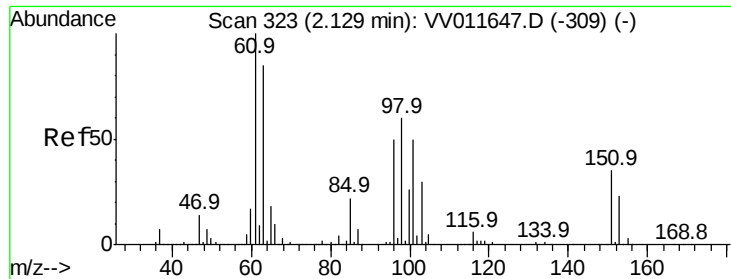
Tgt Ion: 64 Resp: 12033

Ion Ratio Lower Upper

64 100

66 21.8 20.6 38.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.282 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011670.D

Acq: 21 Jun 2019 03:13

Instrument :

MSVOA_V

ClientSampleId :

BFC9

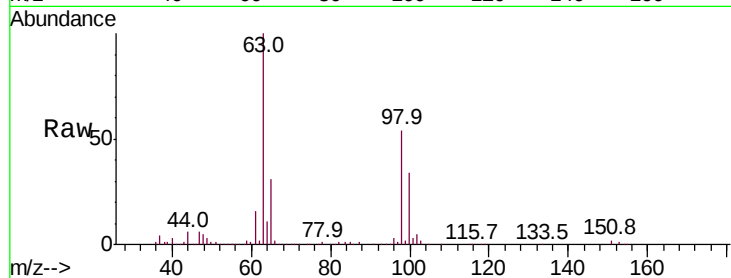
Tot Ion:101 Resp: 3080

Ion Ratio Lower Upper

101 100

85 39.1 35.9 53.9

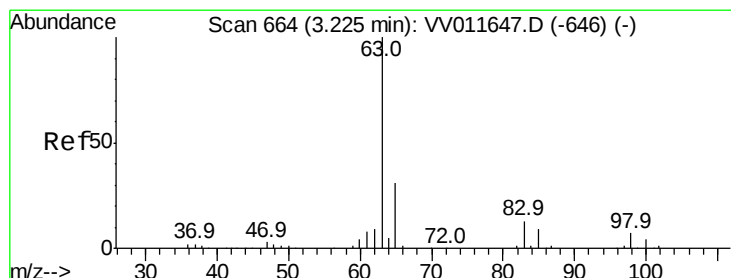
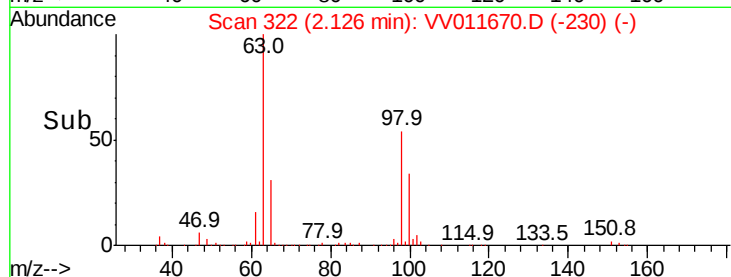
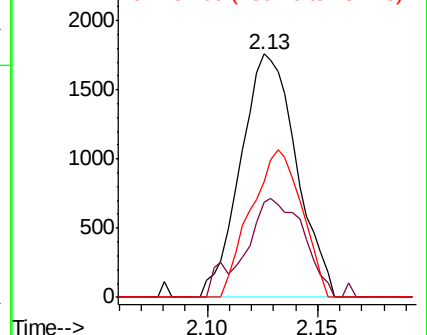
151 55.5 57.4 86.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#19

1,1-Dichloroethane

Concen: 1.572 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.00 min

Lab File: VV011670.D

Acq: 21 Jun 2019 03:13

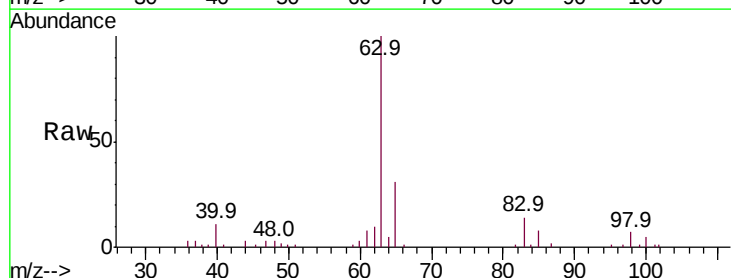
Tgt Ion: 63 Resp: 36669

Ion Ratio Lower Upper

63 100

65 30.9 23.0 42.8

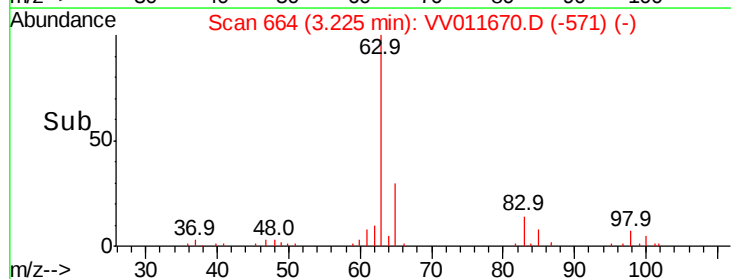
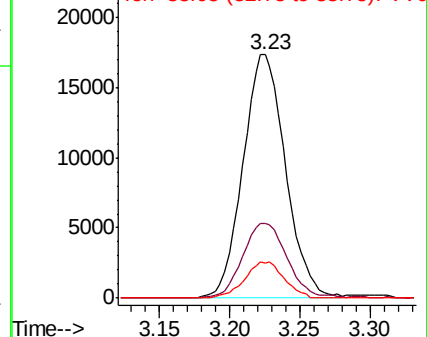
83 14.4 9.5 17.7

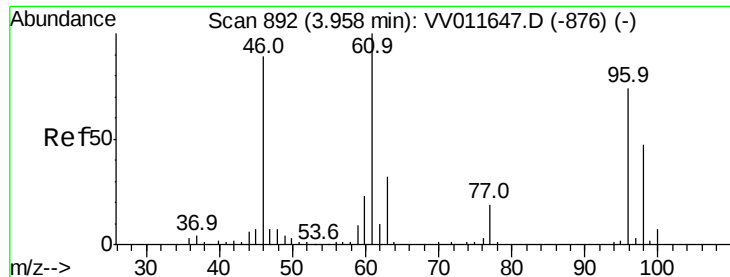


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

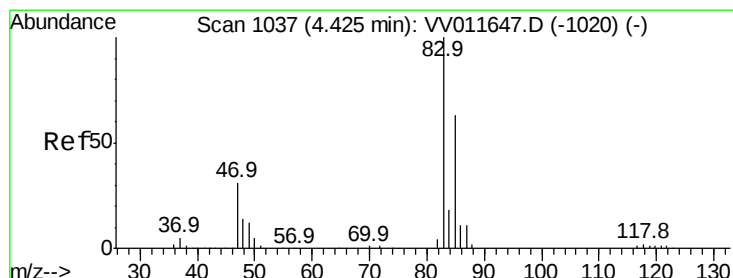
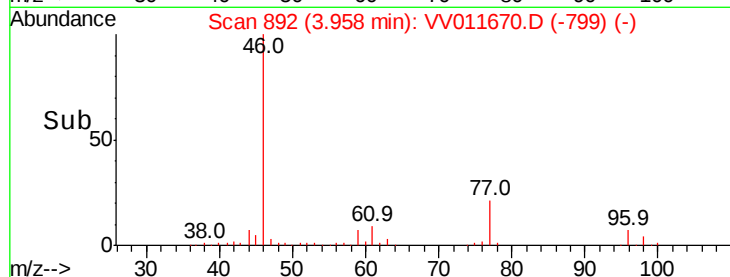
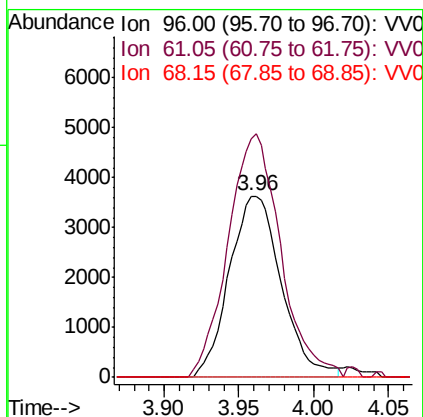
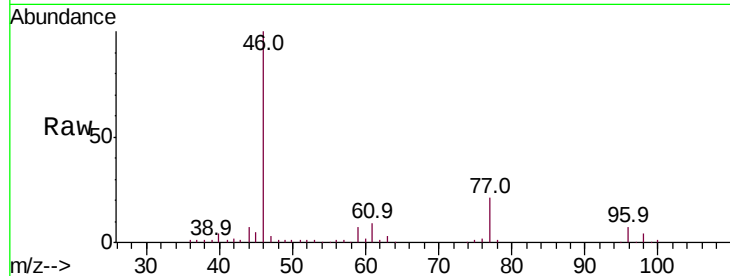




#22
 cis-1,2-Dichloroethene
 Concen: 0.683 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV011670.D
 Acq: 21 Jun 2019 03:13

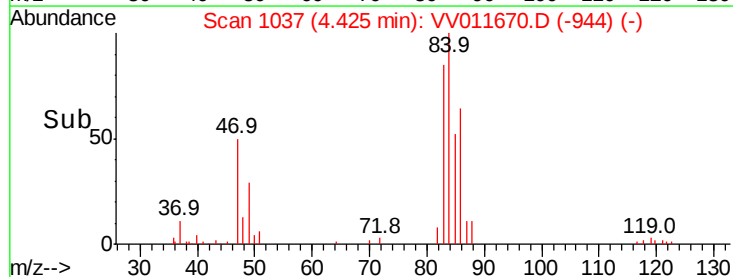
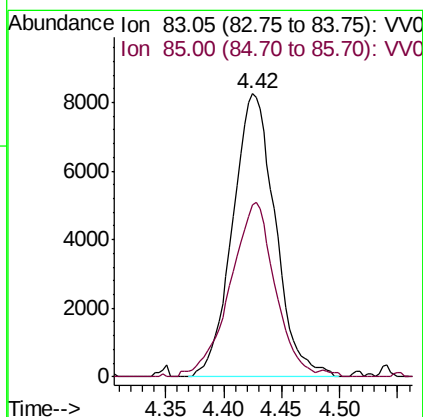
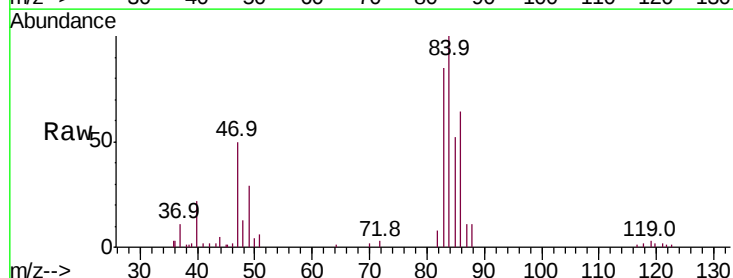
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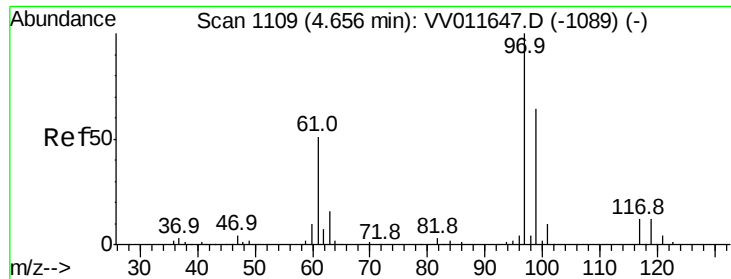
Tot Ion: 96 Resp: 8804
 Ion Ratio Lower Upper
 96 100
 61 131.6 97.9 181.7
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.823 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VV011670.D
 Acq: 21 Jun 2019 03:13

Tgt Ion: 83 Resp: 21089
 Ion Ratio Lower Upper
 83 100
 85 60.6 47.0 87.2





#29

1,1,1-Trichloroethane

Concen: 0.754 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VV011670.D

Acq: 21 Jun 2019 03:13

Instrument :

MSVOA_V

ClientSampleId :

BFC9

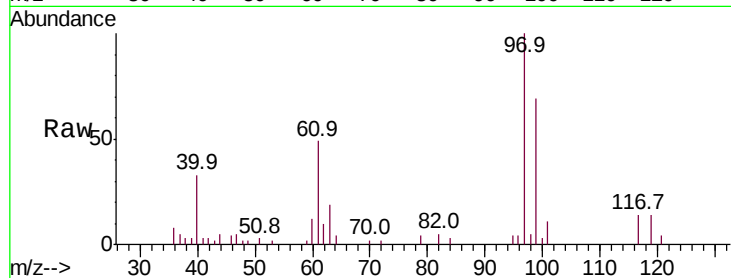
Tot Ion: 97 Resp: 14489

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 51.4 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

