

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011409.D
 Acq On : 12 Jun 2019 00:35
 Operator : SY/MD
 Sample : K3289-03
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL8

Quant Time: Jun 12 05:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136023	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130039	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52706	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31083	3.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.40%
7) Chloroethane-d5	1.55	69	29907	3.49	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.12	63	57862	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	3.94	46	143995	62.05	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.10%
24) Chloroform-d	4.40	84	78770	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	48506	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	144306	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
36) 1,2-Dichloropropane-d6	6.11	67	48670	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.36	98	119671	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	7.66	79	13252	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	8.13	63	102564	53.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39908	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	43575	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

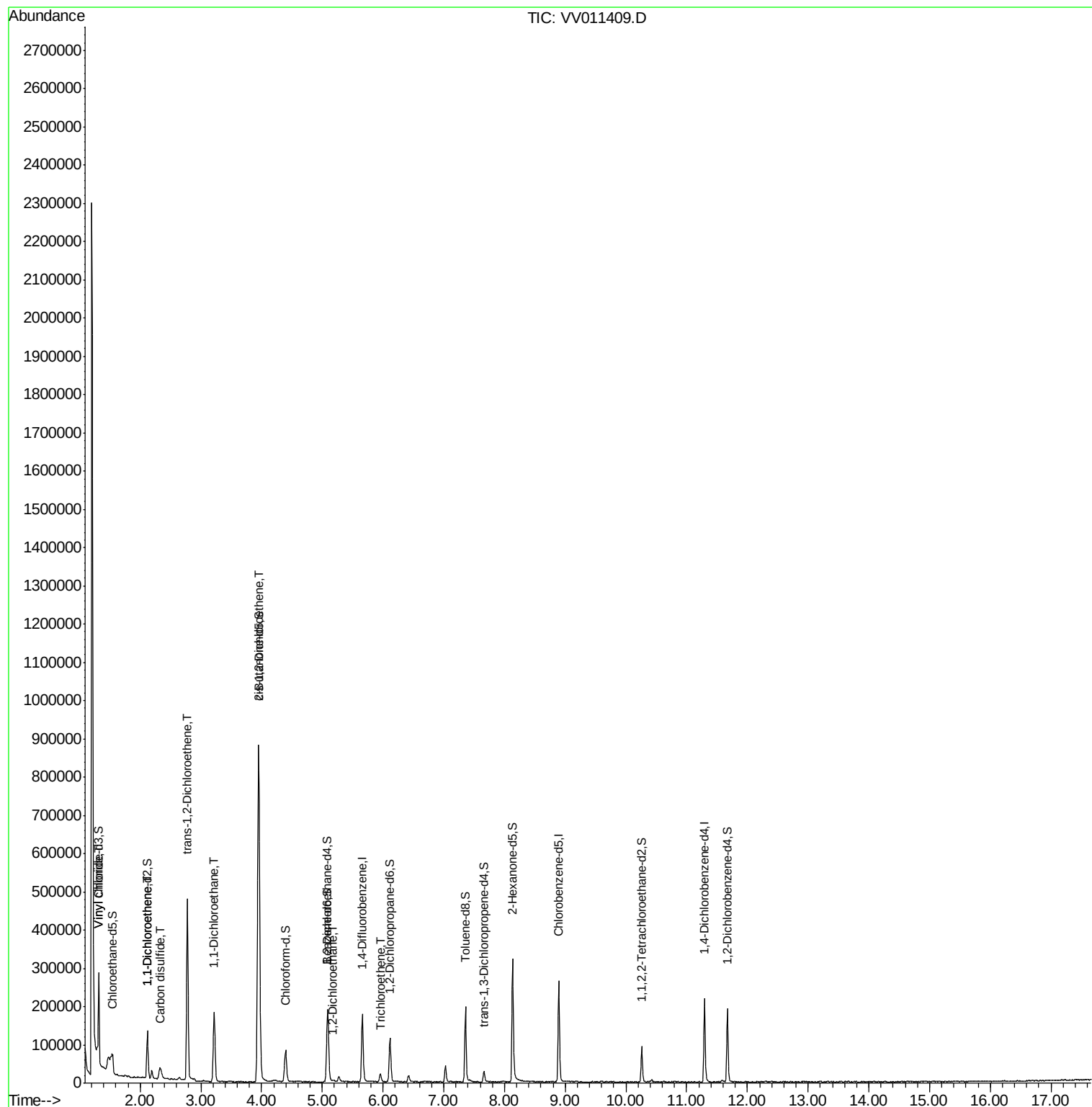
					Ovalue
5) Vinyl chloride	1.32	62	92124	7.361	ug/L # 53
12) 1,1-Dichloroethene	2.13	96	12949	1.511	ug/L # 71
14) Carbon disulfide	2.34	76	52308	2.012	ug/L # 93
18) trans-1,2-Dichloroethene	2.78	96	153981	16.048	ug/L 95
19) 1,1-Dichloroethane	3.22	63	177955	9.402	ug/L 99
22) cis-1,2-Dichloroethene	3.95	96	410331	38.614	ug/L # 98
27) 1,2-Dichloroethane	5.18	62	2847	0.238	ug/L # 84
34) Trichloroethene	5.96	95	7121	0.666	ug/L 92

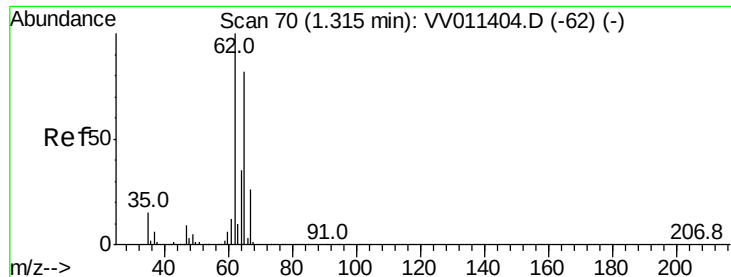
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 04:39:23 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.361 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

Instrument :

MSVOA_V

ClientSampleId :

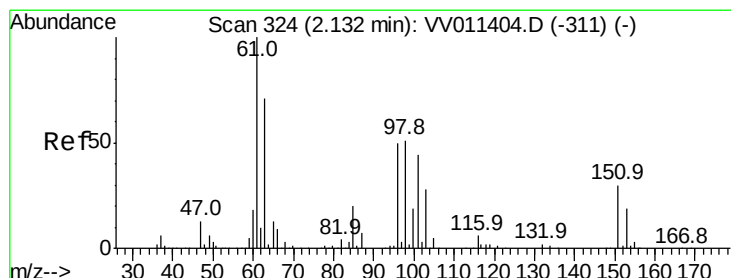
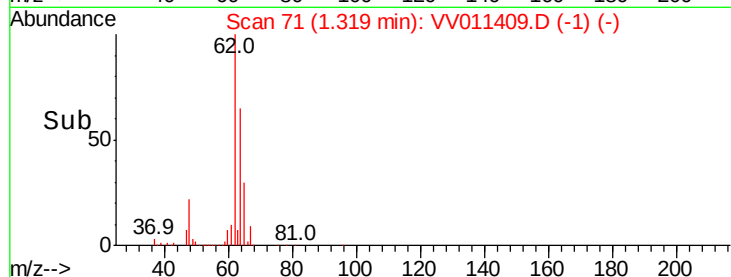
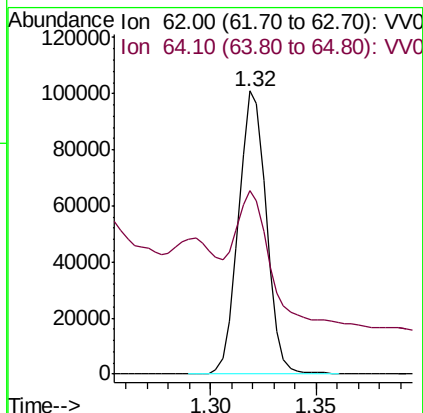
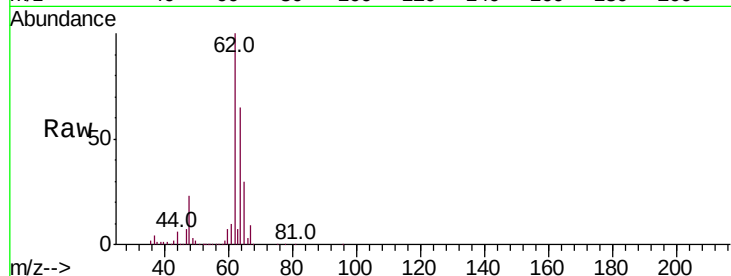
BFCL8

Tot Ion: 62 Resp: 92124

Ion Ratio Lower Upper

62 100

64 64.8 25.9 48.1#



#12

1,1-Dichloroethene

Concen: 1.511 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

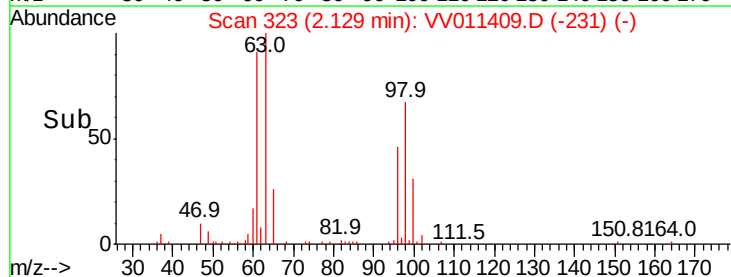
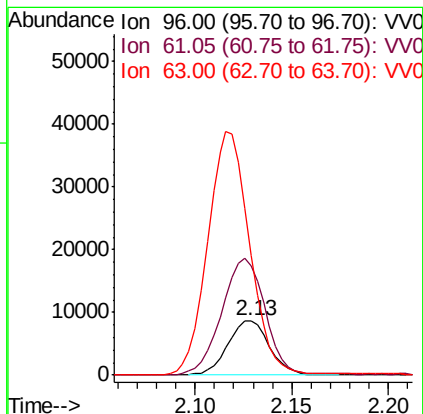
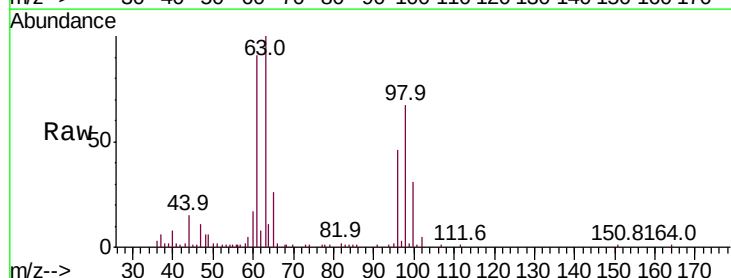
Tgt Ion: 96 Resp: 12949

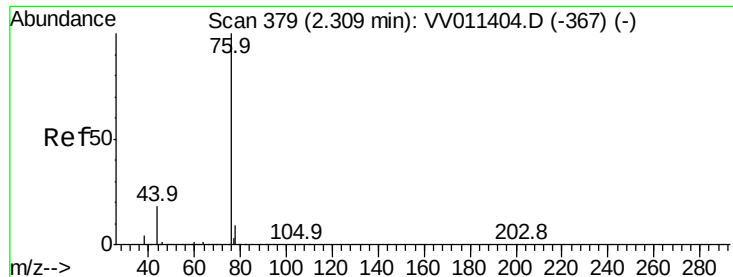
Ion Ratio Lower Upper

96 100

61 199.5 139.8 259.6

63 219.0 94.3 175.1#





#14

Carbon disulfide

Concen: 2.012 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

Instrument :

MSVOA_V

ClientSampleId :

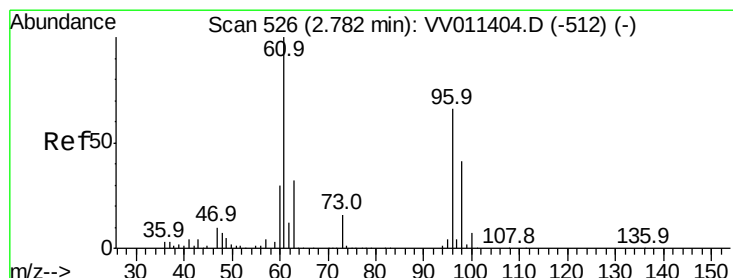
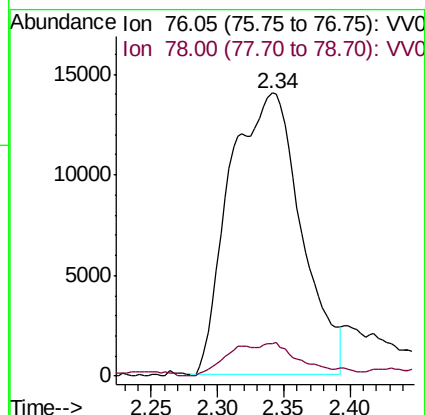
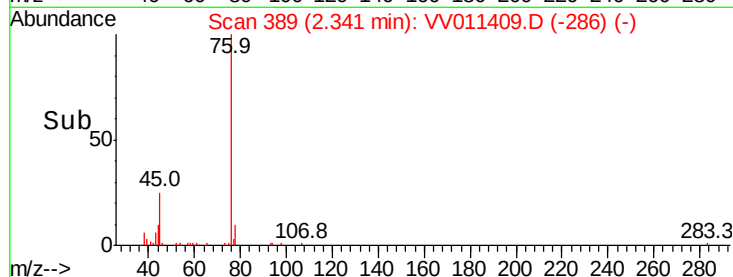
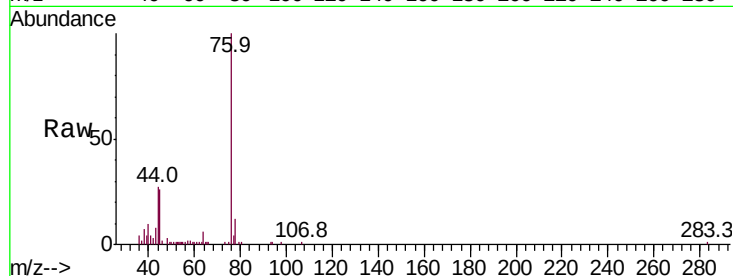
BFCL8

Tot Ion: 76 Resp: 52308

Ion Ratio Lower Upper

76 100

78 11.6 7.3 10.9#



#18

trans-1,2-Dichloroethene

Concen: 16.048 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

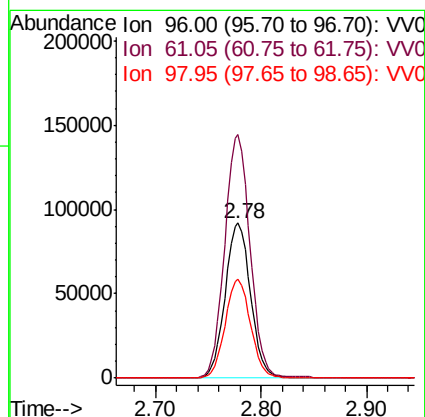
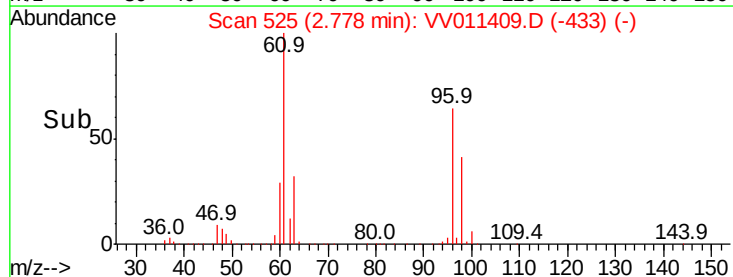
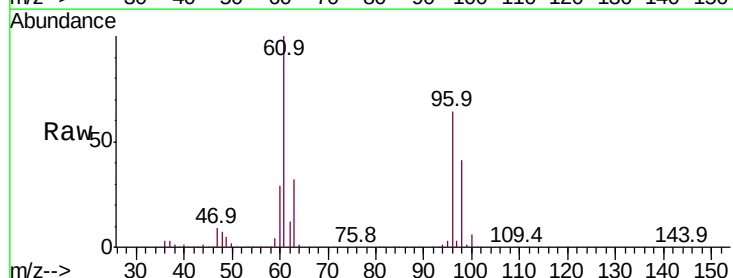
Tgt Ion: 96 Resp: 153981

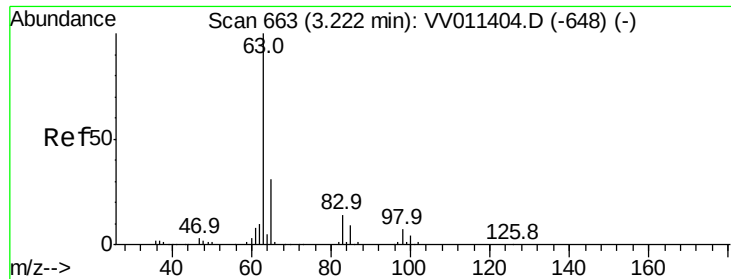
Ion Ratio Lower Upper

96 100

61 156.8 104.0 193.2

98 64.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 9.402 ug/L

RT: 3.22 min Scan# 662

Delta R.T. -0.00 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

Instrument :

MSVOA_V

ClientSampled :

BFCL8

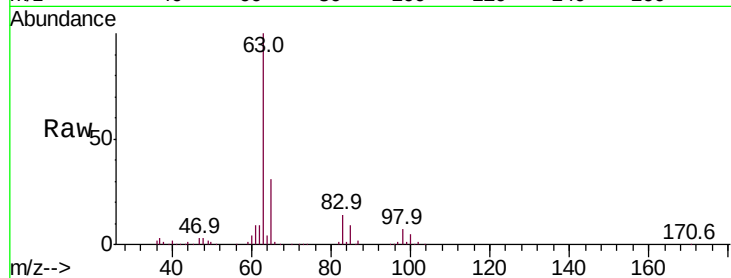
Tot Ion: 63 Resp: 177955

Ion Ratio Lower Upper

63 100

65 31.4 22.1 41.1

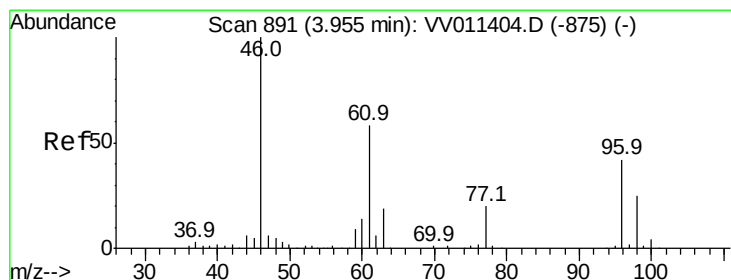
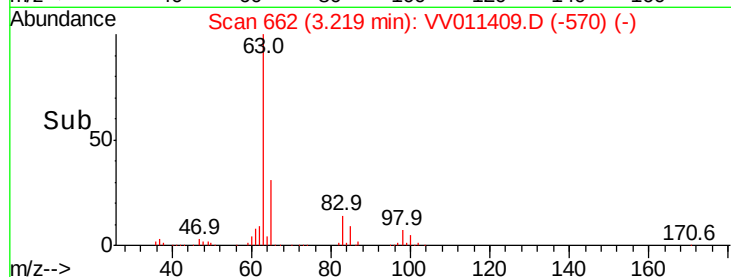
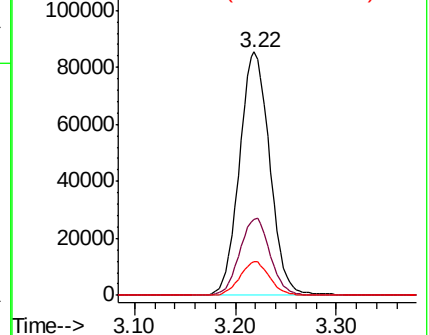
83 13.8 9.2 17.0



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: 38.614 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.00 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

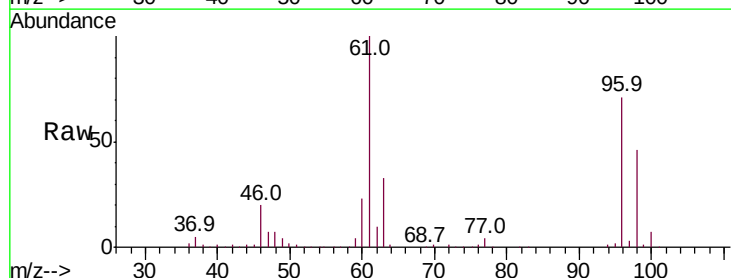
Tgt Ion: 96 Resp: 410331

Ion Ratio Lower Upper

96 100

61 141.0 100.8 187.2

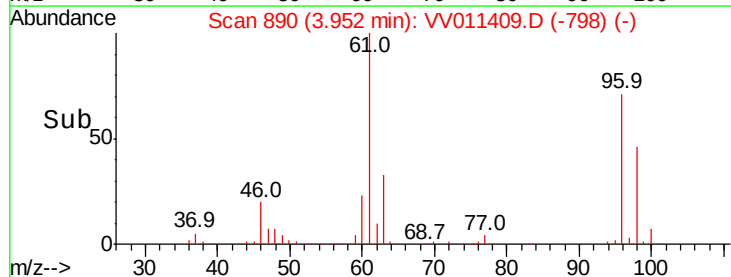
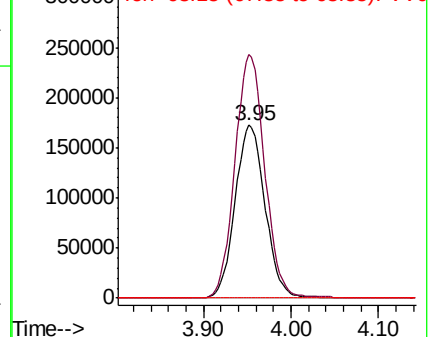
68 0.1 0.0 0.0#

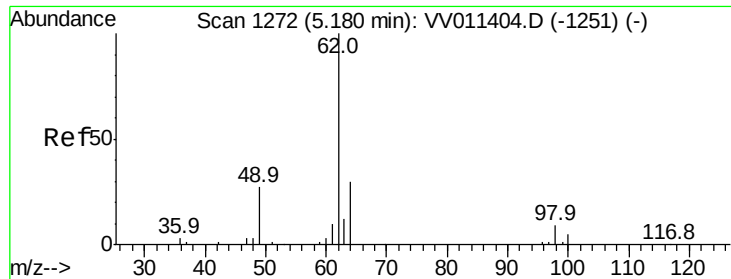


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

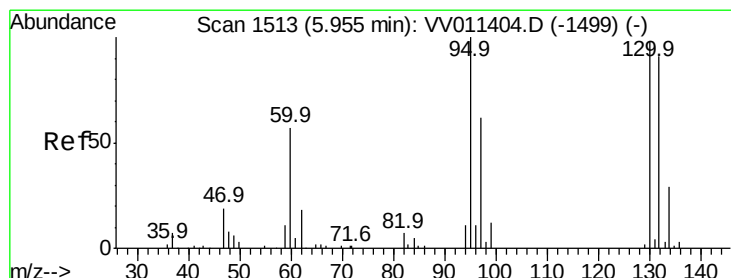
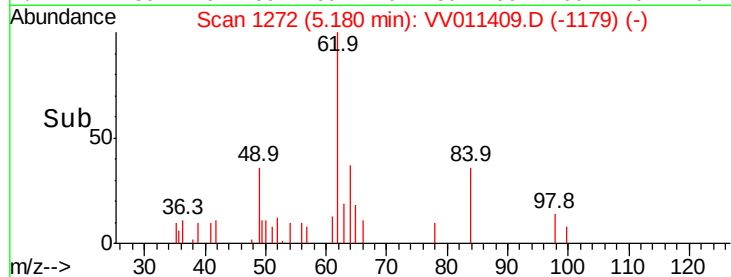
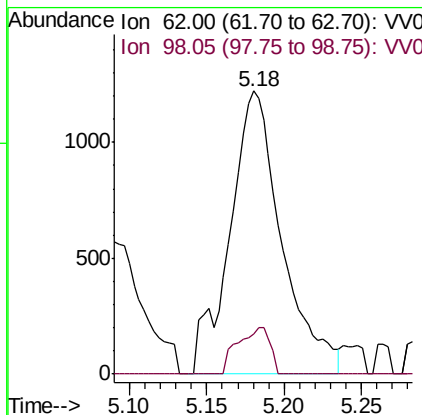
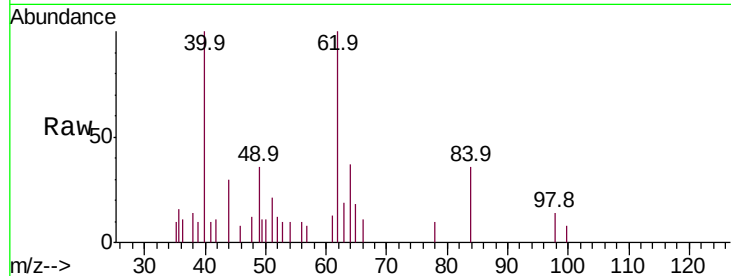




#27
 1,2-Dichloroethane
 Concen: 0.238 ug/L
 RT: 5.18 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VV011409.D
 Acq: 12 Jun 2019 00:35

Instrument :
 MSVOA_V
 ClientSampled :
 BFCL8

Tot Ion: 62 Resp: 2847
 Ion Ratio Lower Upper
 62 100
 98 14.3 6.9 10.3#



#34
 Trichloroethene
 Concen: 0.666 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV011409.D
 Acq: 12 Jun 2019 00:35

Tgt Ion: 95 Resp: 7121
 Ion Ratio Lower Upper
 95 100
 97 73.1 45.8 85.2
 132 87.2 66.4 123.2
 130 90.5 68.3 126.8

