

Data File : VV011213.D
Acq On : 04 Jun 2019 18:47
Operator : SY/MD
Sample : K2888-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BP7

Quant Time: Jun 05 01:45:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	186996	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	170148	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62213	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.56	69	48605	4.13	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.12	63	93417	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.94	46	163757	51.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.66%
24) Chloroform-d	4.40	84	106606	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.08	65	61237	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.09	84	224189	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.12	67	69202	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.36	98	203452	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.66	79	25124	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.13	63	134256	53.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49305	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	66822	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

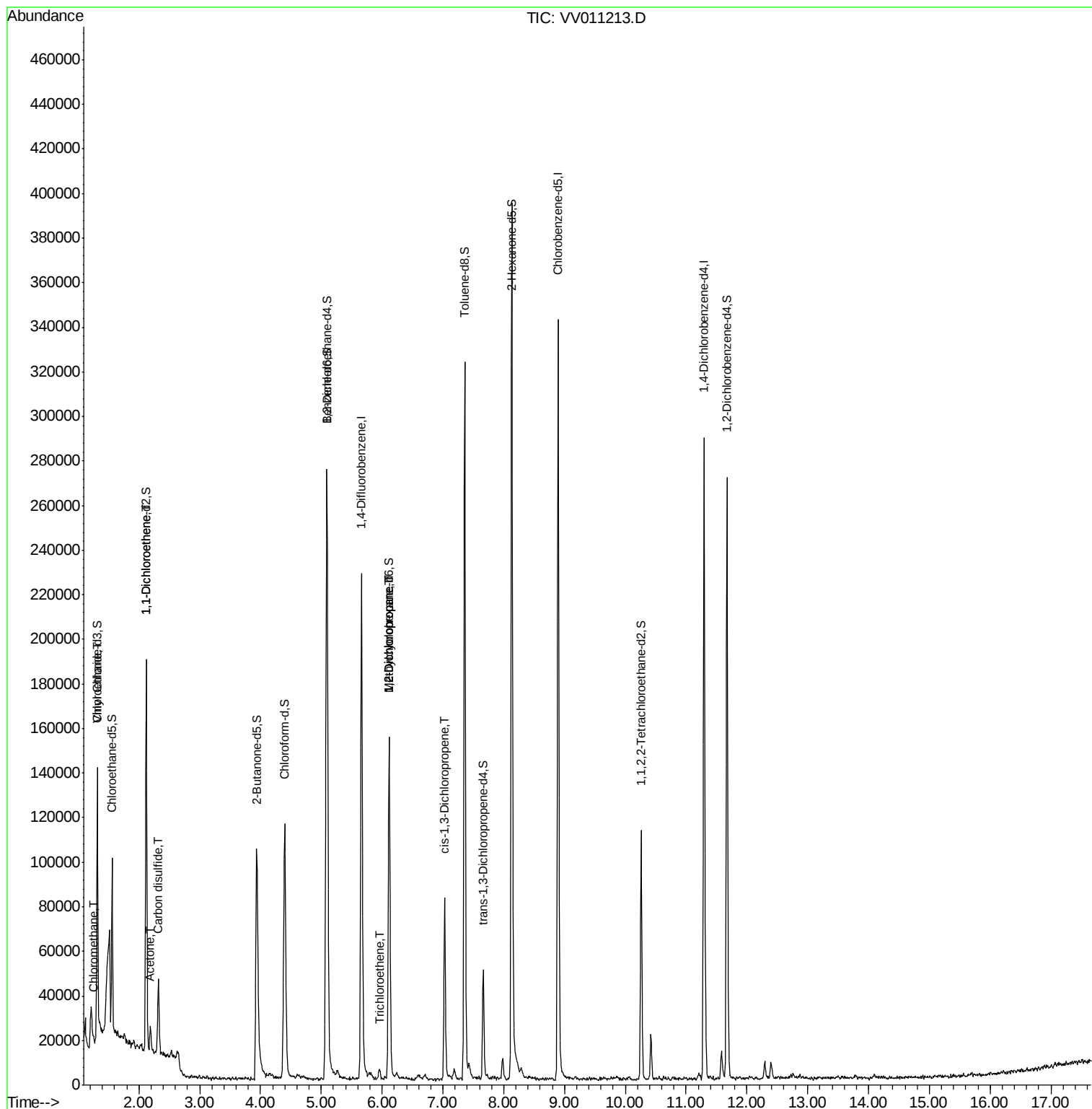
						Qvalue
3) Chloromethane	1.25	50	1493	0.084	ug/L	97
8) Chloroethane	1.32	64	4549	0.414	ug/L	86
12) 1,1-Dichloroethene	2.12	96	1208	0.103	ug/L #	1
13) Acetone	2.19	43	9839	4.600	ug/L	93
14) Carbon disulfide	2.31	76	5372	0.150	ug/L #	90
34) Trichloroethene	5.96	95	1380	0.099	ug/L	87
35) Methylcyclohexane	6.11	83	16370	0.708	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8314	0.617	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2301	0.117	ug/L #	68

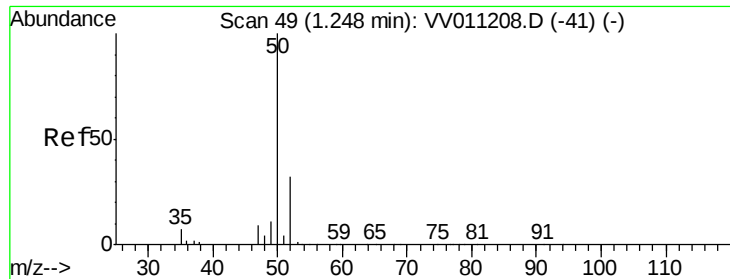
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.084 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011213.D

Acq: 04 Jun 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

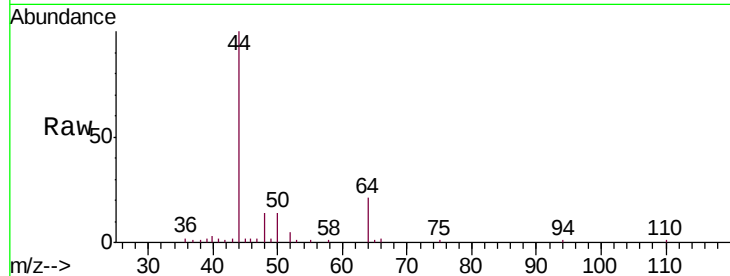
C0BP7

Tgt Ion: 50 Resp: 1493

Ion Ratio Lower Upper

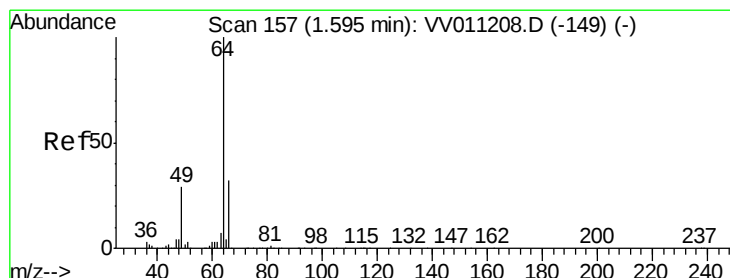
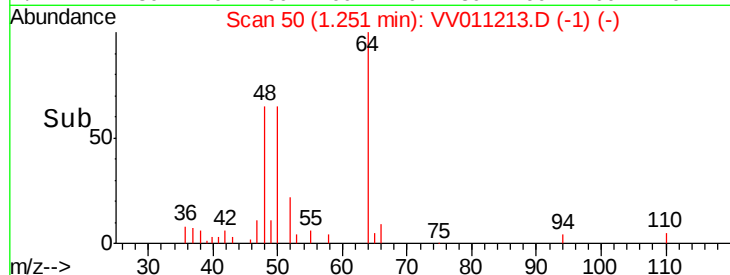
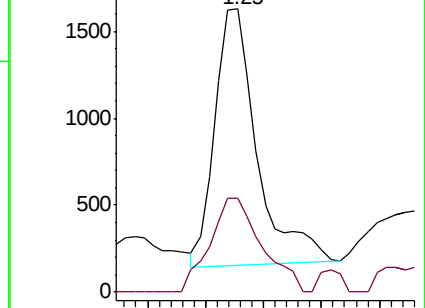
50 100

52 33.3 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.414 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.27 min

Lab File: VV011213.D

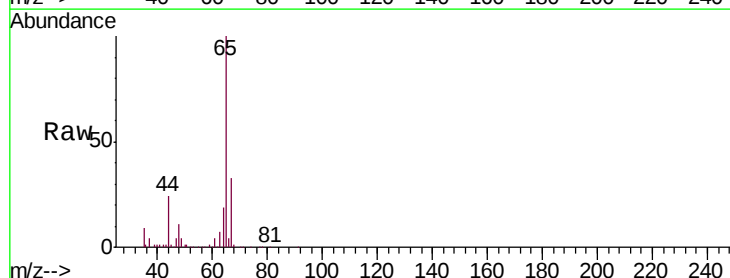
Acq: 04 Jun 2019 18:47

Tgt Ion: 64 Resp: 4549

Ion Ratio Lower Upper

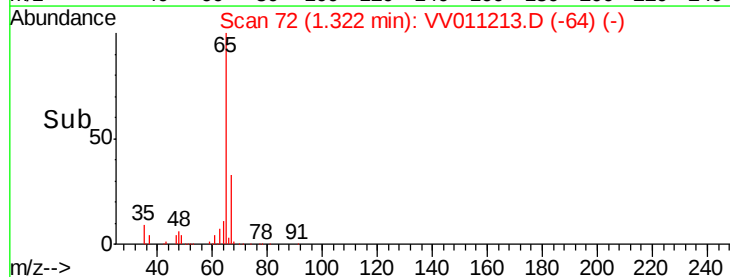
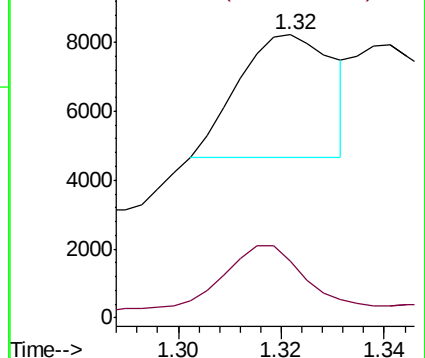
64 100

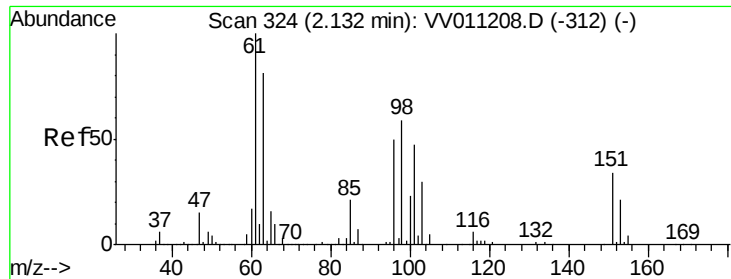
66 20.2 19.4 36.0



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

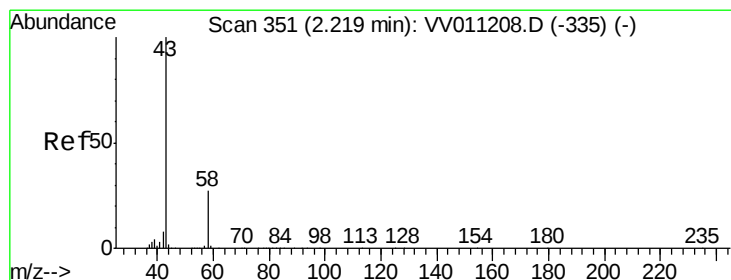
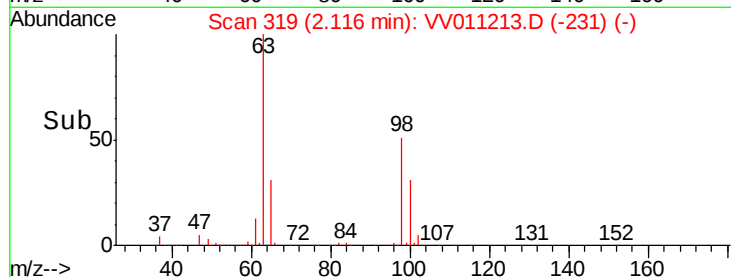
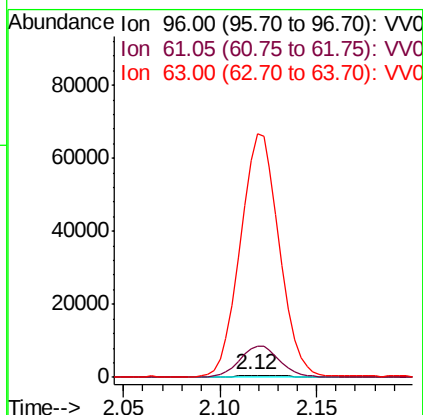
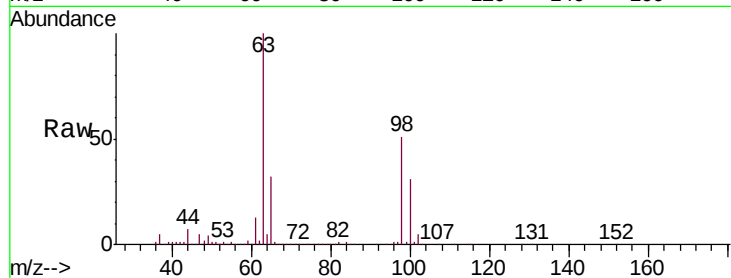




#12
 1,1-Dichloroethene
 Concen: 0.103 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: VV011213.D
 Acq: 04 Jun 2019 18:47

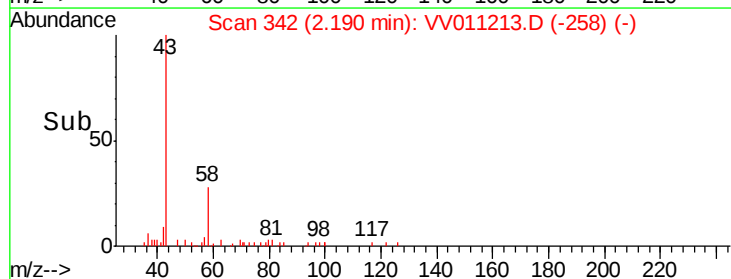
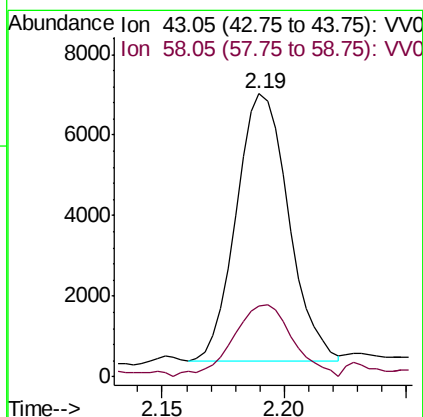
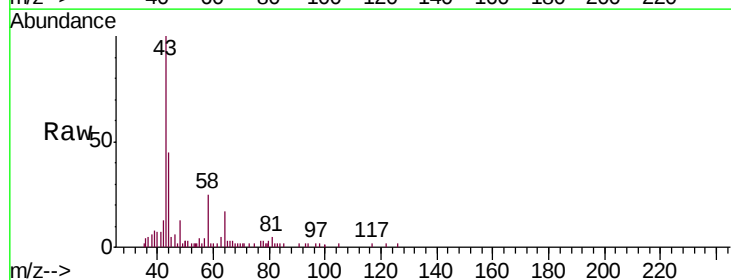
Instrument :
 MSVOA_V
 ClientSampled :
 C0BP7

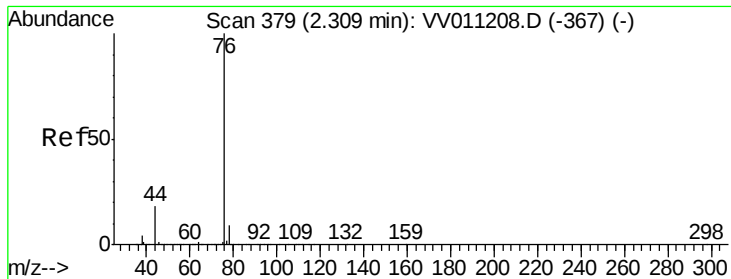
Tgt Ion: 96 Resp: 1208
 Ion Ratio Lower Upper
 96 100
 61 1351.1 139.8 259.6#
 63 10442.1 94.3 175.1#



#13
 Acetone
 Concen: 4.600 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.03 min
 Lab File: VV011213.D
 Acq: 04 Jun 2019 18:47

Tgt Ion: 43 Resp: 9839
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 55.2





#14

Carbon disulfide

Concen: 0.150 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV011213.D

Acq: 04 Jun 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

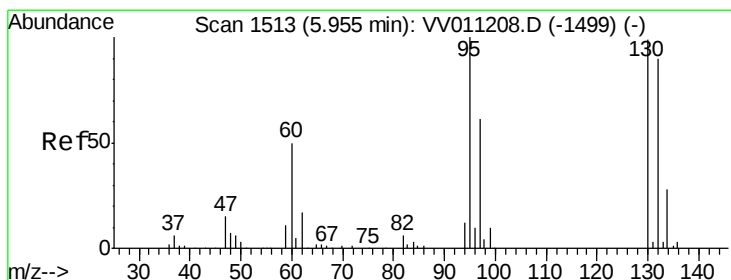
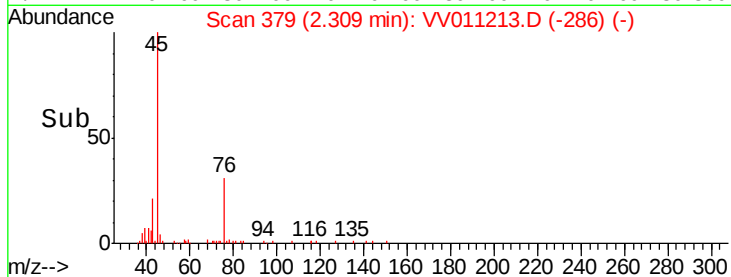
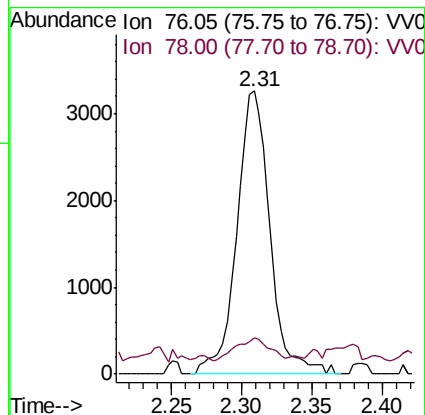
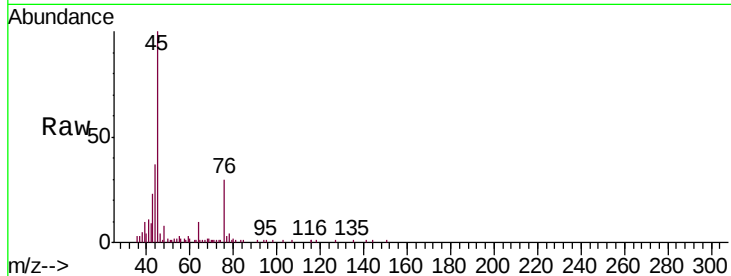
C0BP7

Tgt Ion: 76 Resp: 5372

Ion Ratio Lower Upper

76 100

78 12.7 7.3 10.9#



#34

Trichloroethene

Concen: 0.099 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011213.D

Acq: 04 Jun 2019 18:47

Tgt Ion: 95 Resp: 1380

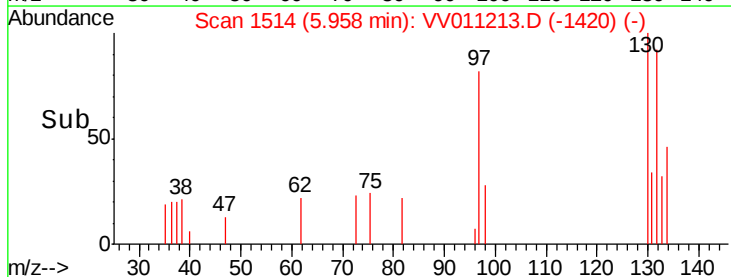
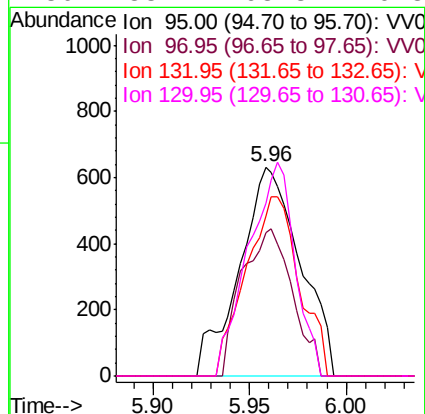
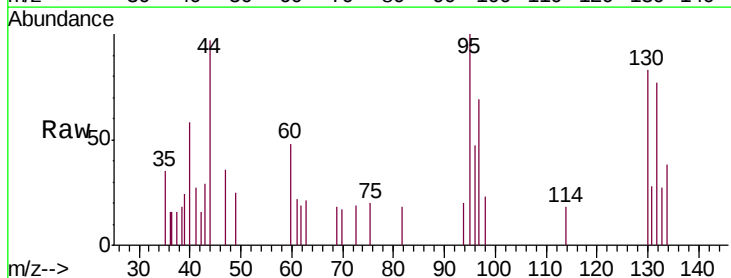
Ion Ratio Lower Upper

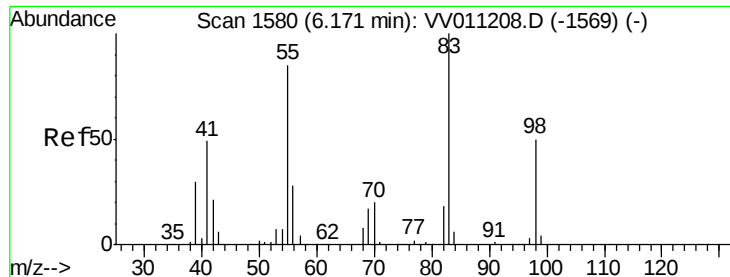
95 100

97 68.5 45.8 85.2

132 76.6 66.4 123.2

130 83.1 68.3 126.8





#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011213.D

Acq: 04 Jun 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

C0BP7

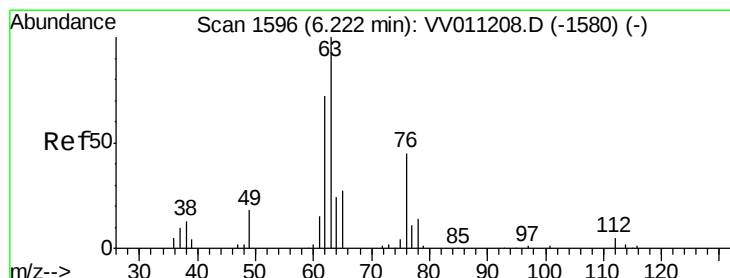
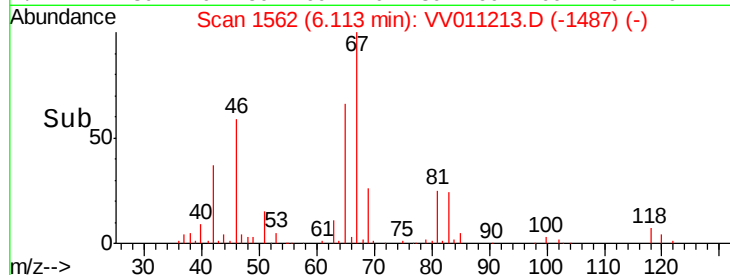
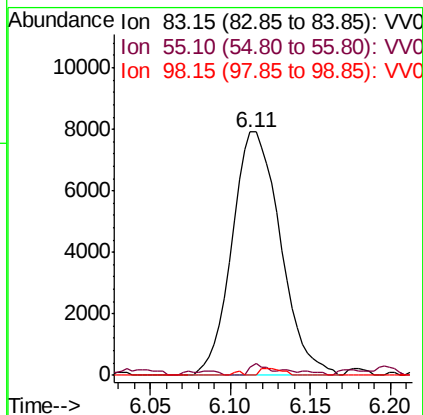
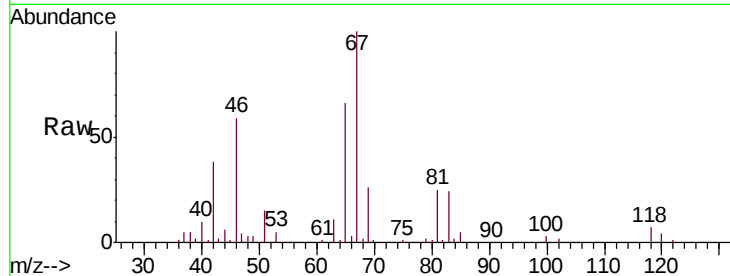
Tgt Ion: 83 Resp: 16370

Ion Ratio Lower Upper

83 100

55 1.7 67.0 100.6#

98 1.3 40.0 60.0#



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV011213.D

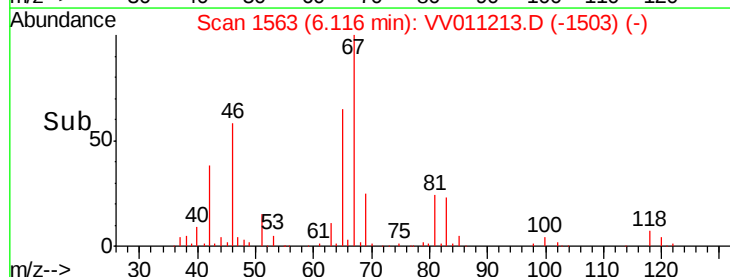
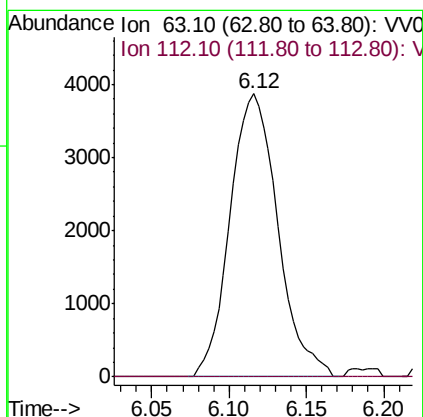
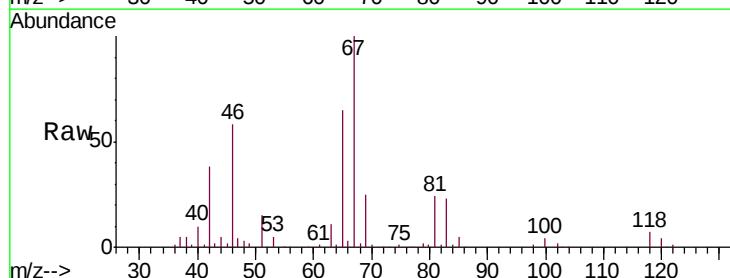
Acq: 04 Jun 2019 18:47

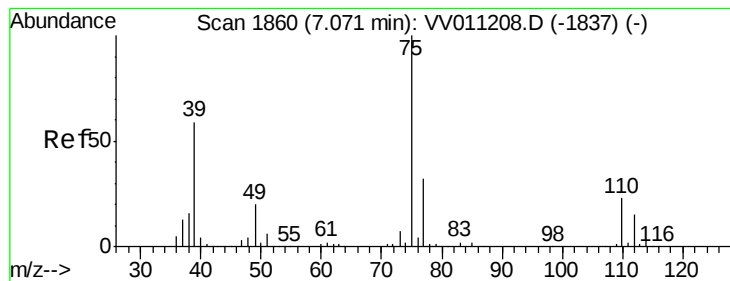
Tgt Ion: 63 Resp: 8314

Ion Ratio Lower Upper

63 100

112 0.5 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.05 min

Lab File: VV011213.D

Acq: 04 Jun 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

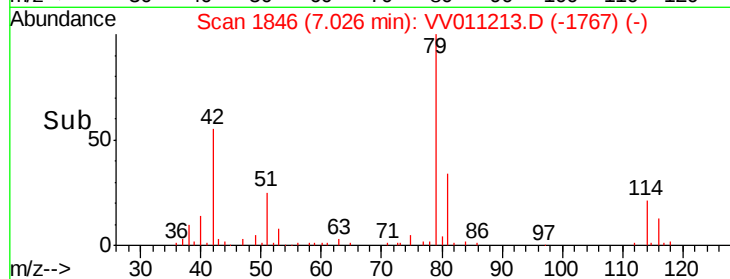
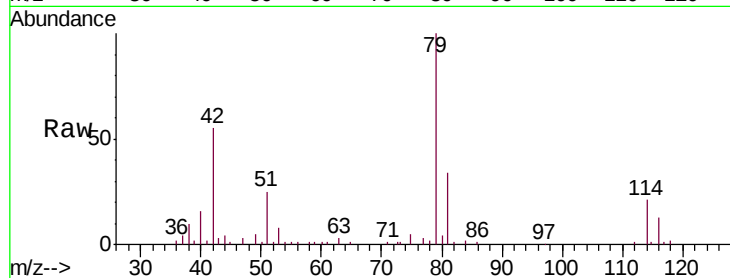
C0BP7

Tgt Ion: 75 Resp: 2301

Ion Ratio Lower Upper

75 100

77 49.4 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

