

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102518\
 Data File : VV008411.D
 Acq On : 25 Oct 2018 16:21
 Operator : SY/MD
 Sample : J5670-01
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP2

Quant Time: Oct 25 23:20:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 23:17:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195247	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73112	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58826	54.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.84%
7) Chloroethane-d5	1.57	69	43377	55.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.14%
11) 1,1-Dichloroethene-d2	2.13	63	78323	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
21) 2-Butanone-d5	3.94	46	114171	97.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	4.41	84	131454	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	90460	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.10	84	271182	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.32%
36) 1,2-Dichloropropane-d6	6.12	67	92441	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.38%
41) Toluene-d8	7.36	98	246601	53.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.48%
43) trans-1,3-Dichloropropene-	7.67	79	44408	52.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.22%
47) 2-Hexanone-d5	8.14	63	87812	95.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117868	49.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	78415	52.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.86%

Target Compounds

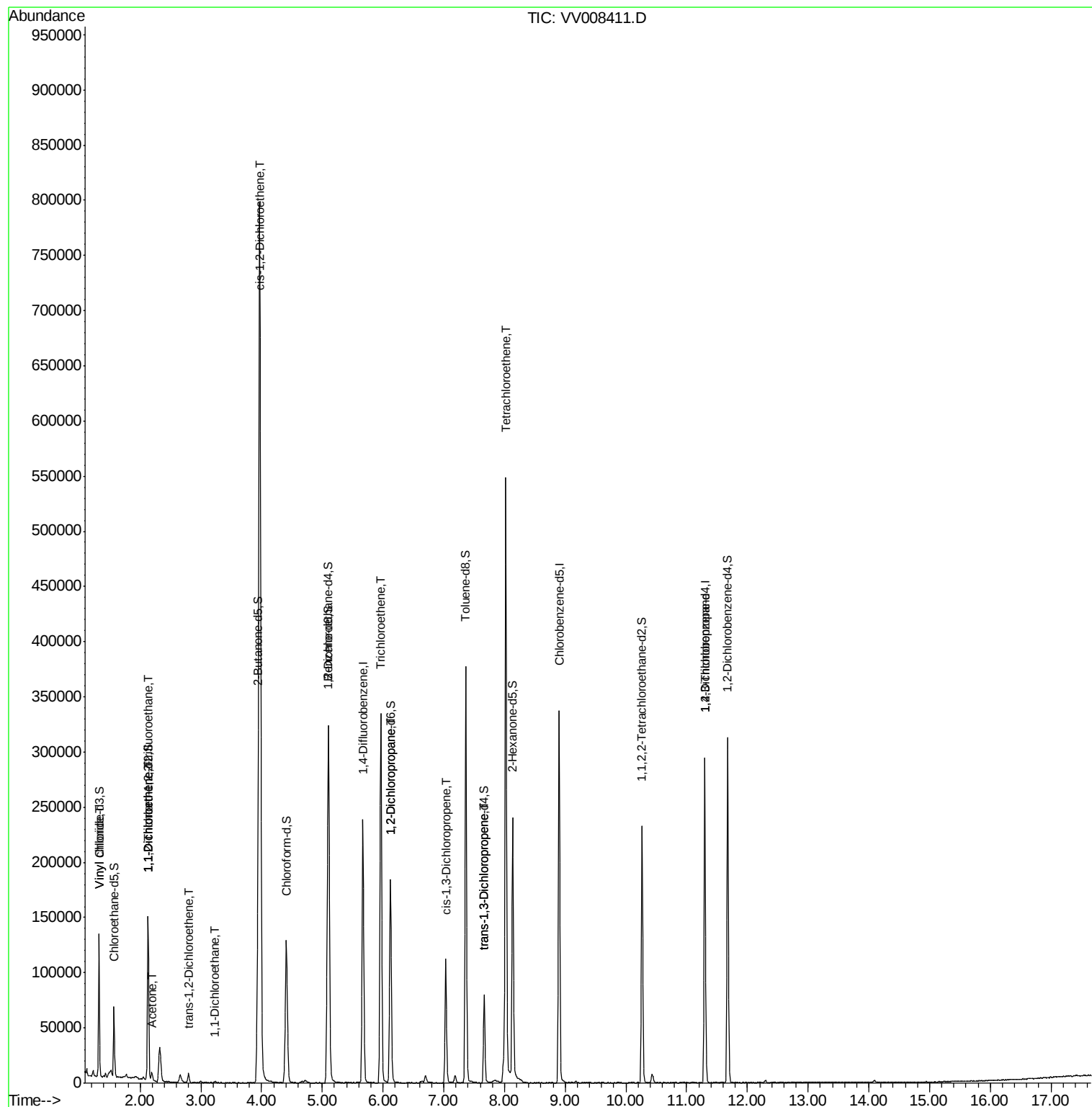
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.33	62	21692	15.675	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	628	0.675	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	1758	2.007	ug/L #	1
13) Acetone	2.19	43	5505	6.037	ug/L	99
17) trans-1,2-Dichloroethene	2.80	96	2959	2.216	ug/L	98
19) 1,1-Dichloroethane	3.24	63	1389	0.504	ug/L #	84
20) cis-1,2-Dichloroethene	3.97	96	430845	283.198	ug/L	94
34) Trichloroethene	5.96	95	120997	81.524	ug/L	98
37) 1,2-Dichloropropane	6.12	63	9919	6.195	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2687	1.067	ug/L #	63
44) trans-1,3-Dichloropropene	7.67	75	2005	0.851	ug/L #	82
46) Tetrachloroethene	8.02	164	110923	114.641	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	9459	4.714	ug/L #	87

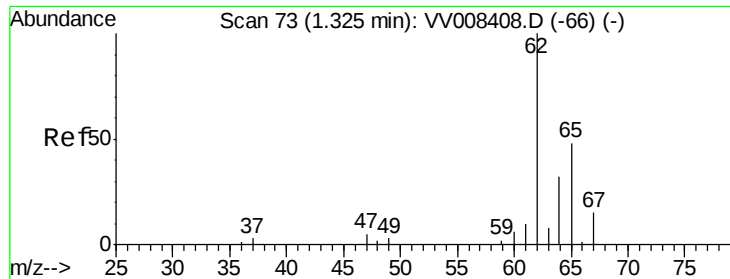
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV102518\
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Quant Title : VOC Analysis
QLast Update : Thu Oct 25 23:17:12 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 15.675 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

Instrument :

MSVOA_V

ClientSampled :

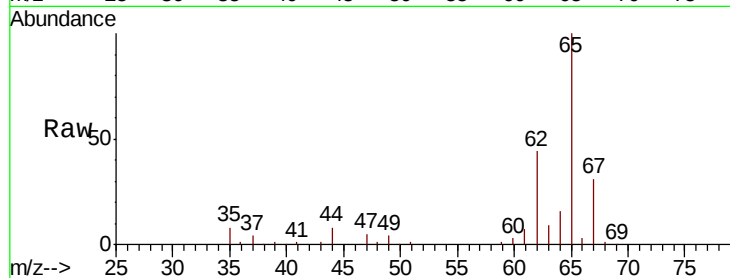
ETBP2

Tgt Ion: 62 Resp: 21692

Ion Ratio Lower Upper

62 100

64 35.7 24.4 45.4



Abundance Ion 62.00 (61.70 to 62.70): VV008408.D (-66) (-)

Ion 64.00 (63.70 to 64.70): VV008408.D (-66) (-)

1.33

25000

20000

15000

10000

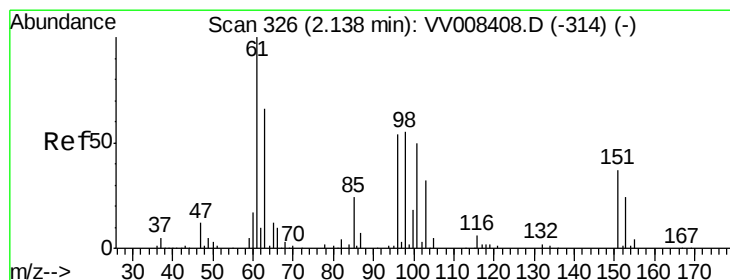
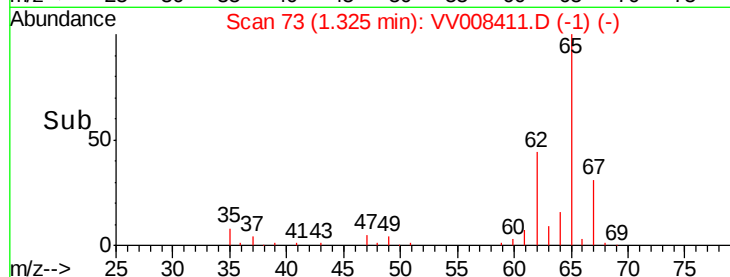
5000

0

Time-->

1.30

1.35



#10

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

Concen: 0.675 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

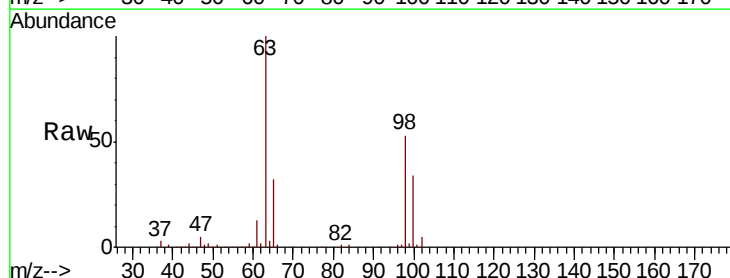
Tgt Ion: 101 Resp: 628

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#



Abundance Ion 101.00 (100.70 to 101.70): VV008408.D (-314) (-)

Ion 85.00 (84.70 to 85.70): VV008408.D (-314) (-)

Ion 151.00 (150.70 to 151.70): VV008408.D (-314) (-)

2.13

600

500

400

300

200

100

0

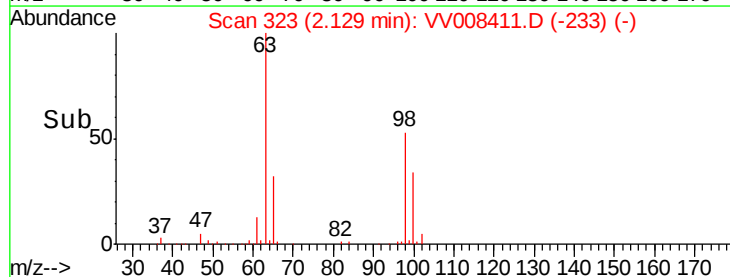
Time-->

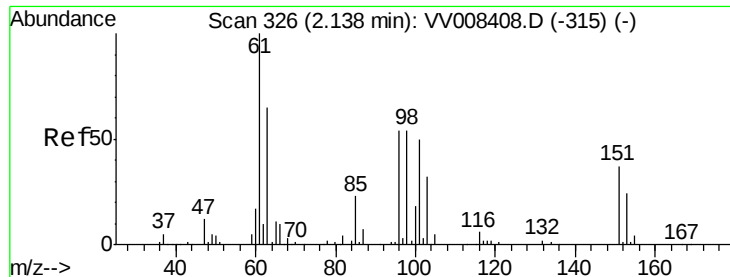
2.10

2.12

2.14

2.16

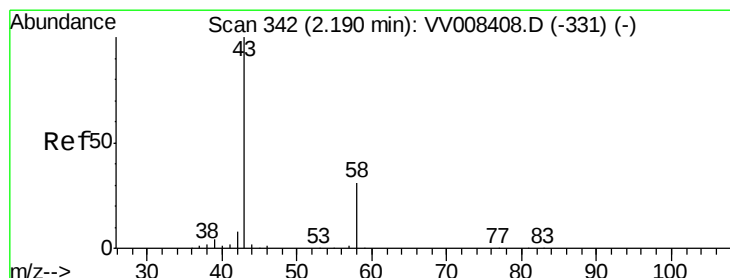
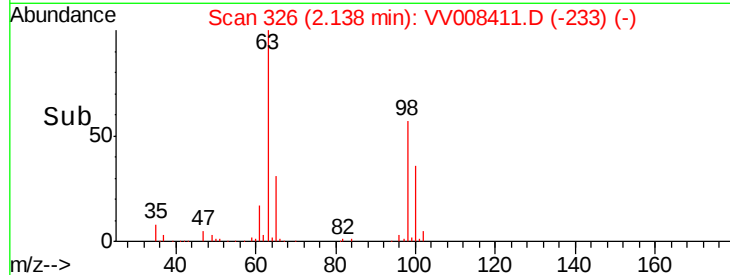
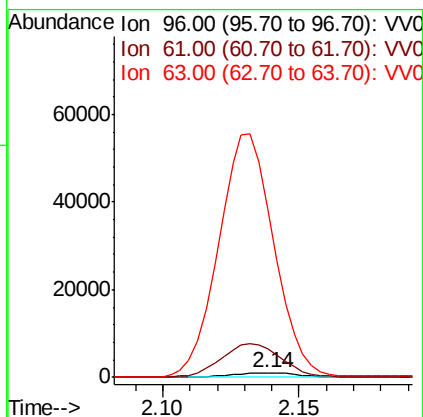
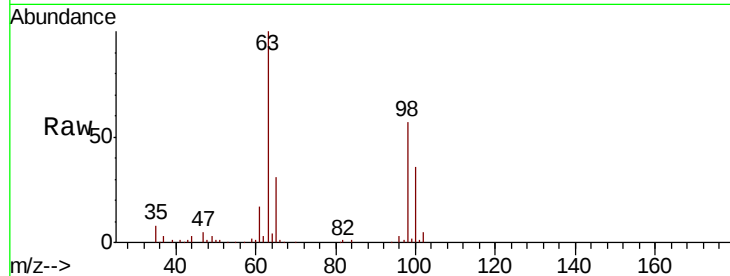




#12
 1,1-Dichloroethene
 Concen: 2.007 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV008411.D
 Acq: 25 Oct 2018 16:21

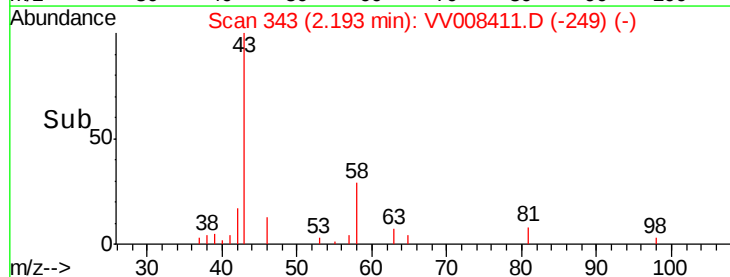
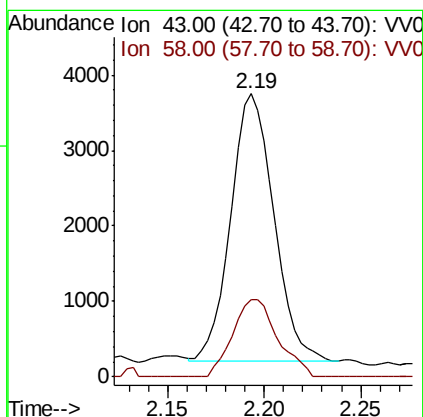
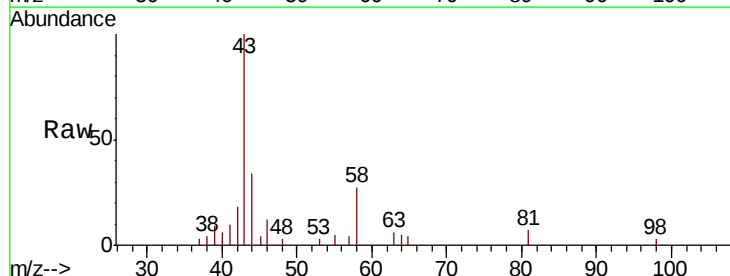
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP2

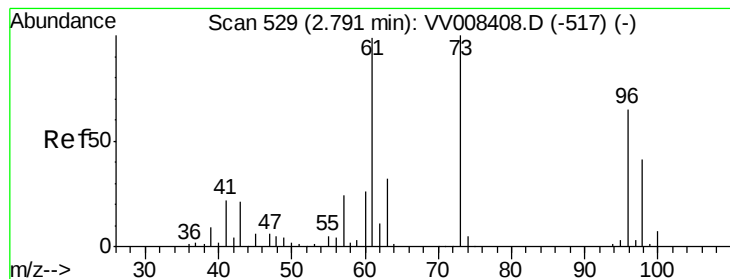
Tgt Ion: 96 Resp: 1758
 Ion Ratio Lower Upper
 96 100
 61 602.4 130.3 242.1#
 63 3610.9 84.4 156.8#



#13
 Acetone
 Concen: 6.037 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008411.D
 Acq: 25 Oct 2018 16:21

Tgt Ion: 43 Resp: 5505
 Ion Ratio Lower Upper
 43 100
 58 30.0 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 2.216 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.00 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

Instrument :

MSVOA_V

ClientSampleId :

ETBP2

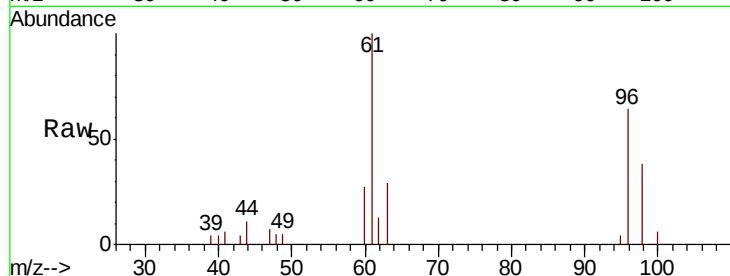
Tgt Ion: 96 Resp: 2959

Ion Ratio Lower Upper

96 100

61 156.4 108.6 201.6

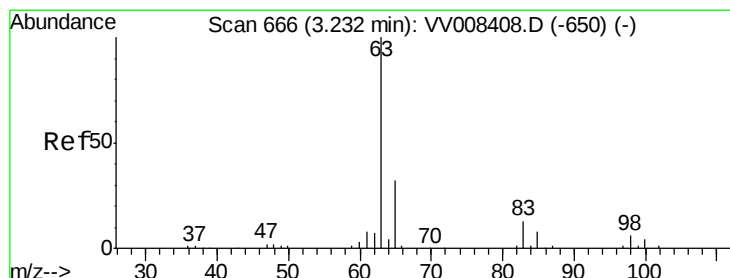
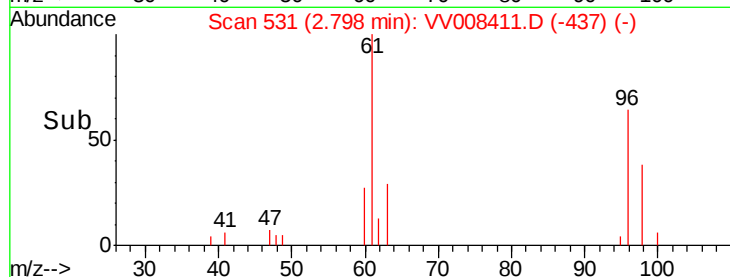
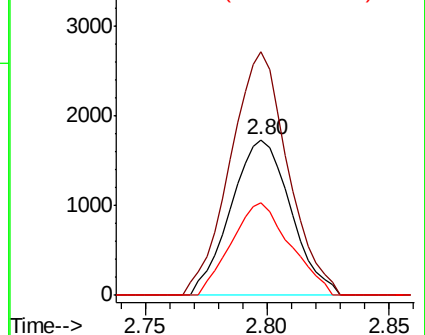
98 59.7 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008411.D (-531) (-)

Ion 61.00 (60.70 to 61.70): VV008411.D (-531) (-)

Ion 98.00 (97.70 to 98.70): VV008411.D (-531) (-)



#19

1,1-Dichloroethane

Concen: 0.504 ug/L

RT: 3.24 min Scan# 668

Delta R.T. 0.01 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

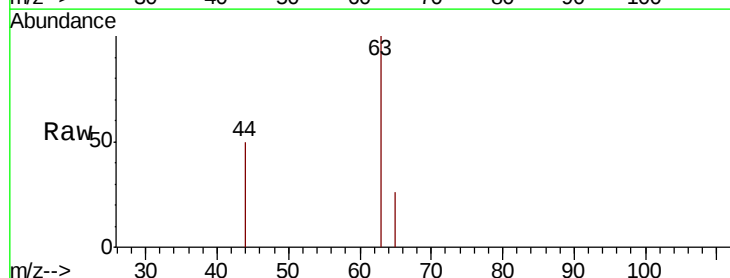
Tgt Ion: 63 Resp: 1389

Ion Ratio Lower Upper

63 100

65 26.2 22.0 40.8

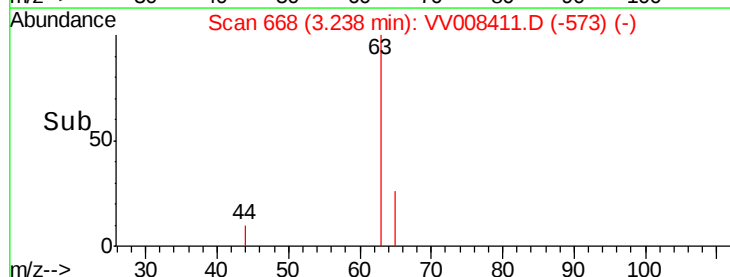
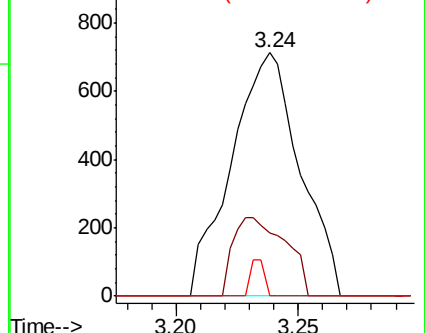
83 0.0 9.3 17.3#

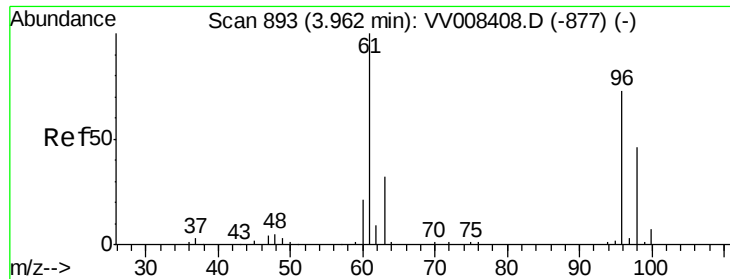


Abundance Ion 63.00 (62.70 to 63.70): VV008411.D (-668) (-)

Ion 65.00 (64.70 to 65.70): VV008411.D (-668) (-)

Ion 83.00 (82.70 to 83.70): VV008411.D (-668) (-)

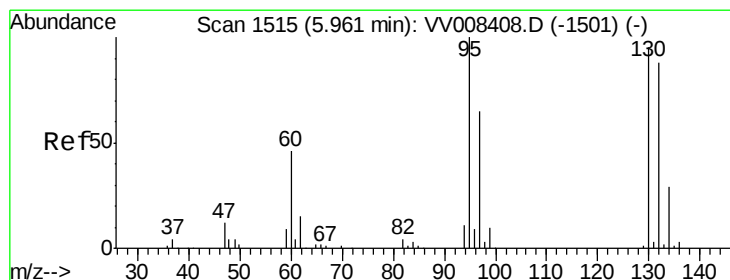
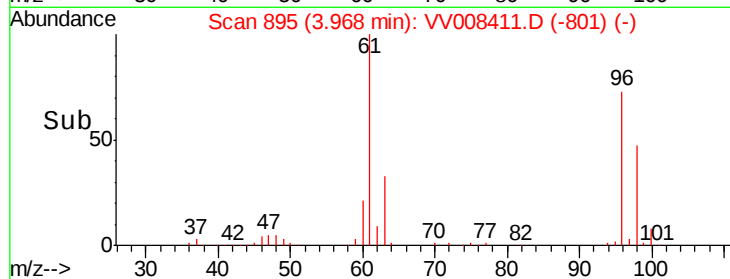
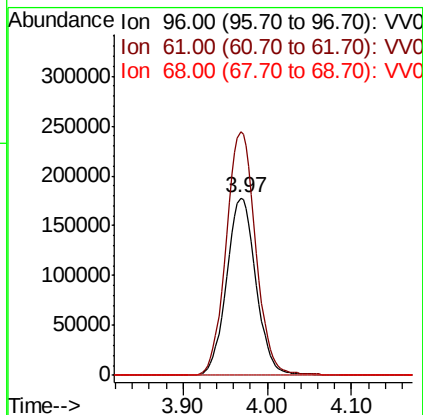
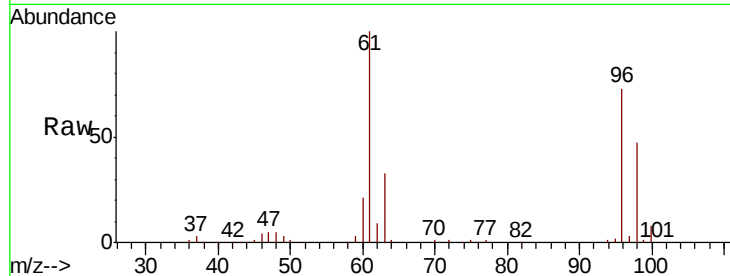




#20
 cis-1,2-Dichloroethene
 Concen: 283.198 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008411.D
 Acq: 25 Oct 2018 16:21

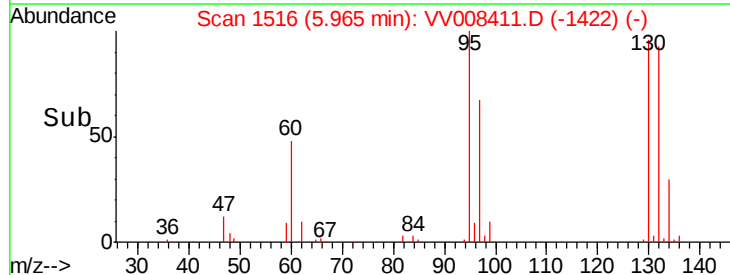
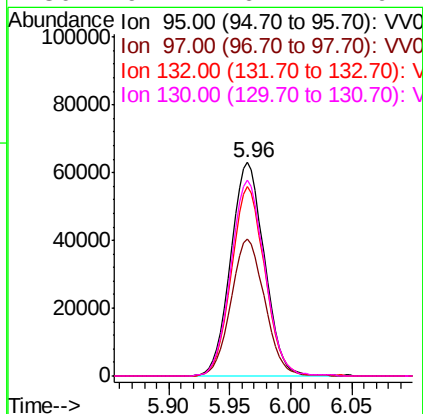
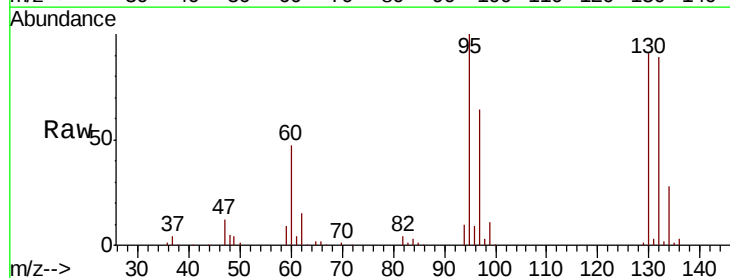
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP2

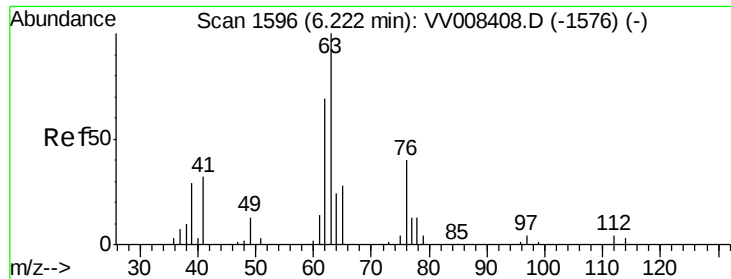
Tgt Ion: 96 Resp: 430845
 Ion Ratio Lower Upper
 96 100
 61 137.1 100.9 187.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 81.524 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008411.D
 Acq: 25 Oct 2018 16:21

Tgt Ion: 95 Resp: 120997
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.2 84.0
 132 88.5 63.8 118.6
 130 91.4 64.7 120.1

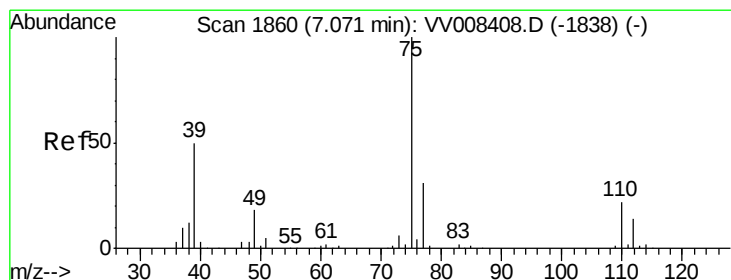
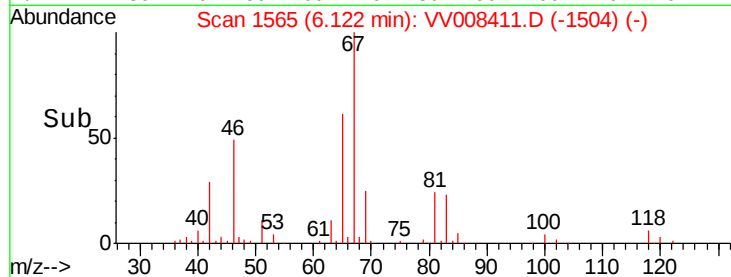
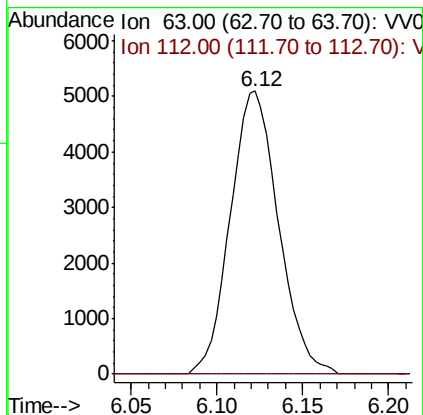
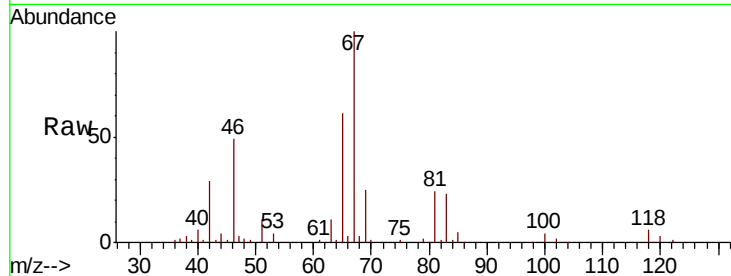




#37
 1,2-Dichloropropane
 Concen: 6.195 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008411.D
 Acq: 25 Oct 2018 16:21

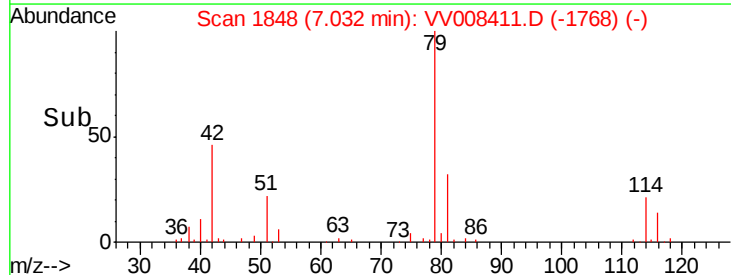
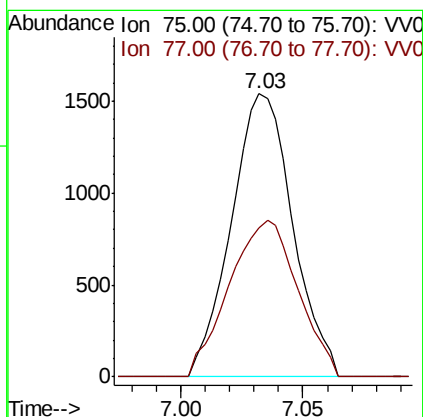
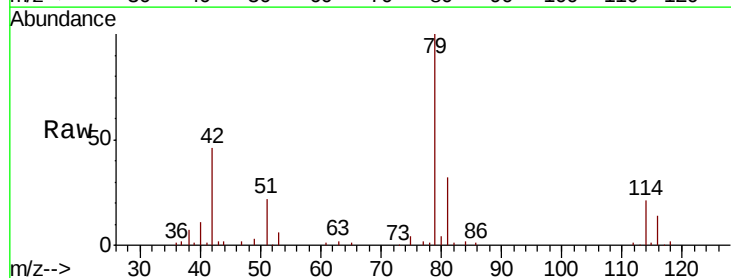
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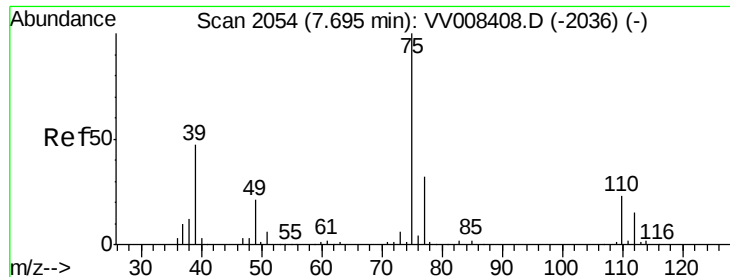
Tgt Ion: 63 Resp: 9919
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.067 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008411.D
 Acq: 25 Oct 2018 16:21

Tgt Ion: 75 Resp: 2687
 Ion Ratio Lower Upper
 75 100
 77 52.8 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.851 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

Instrument :

MSVOA_V

ClientSampled :

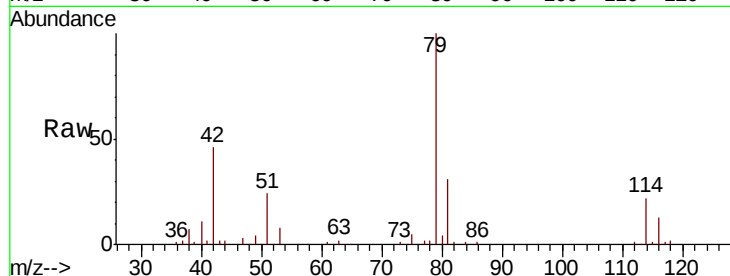
ETBP2

Tgt Ion: 75 Resp: 2005

Ion Ratio Lower Upper

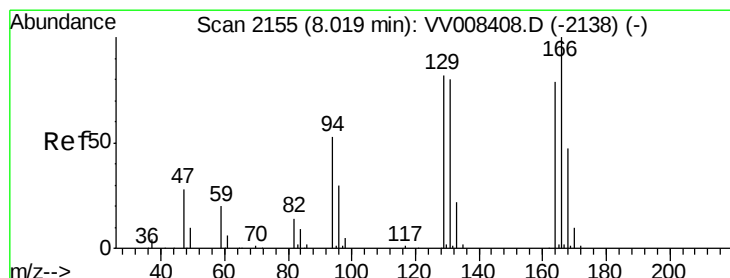
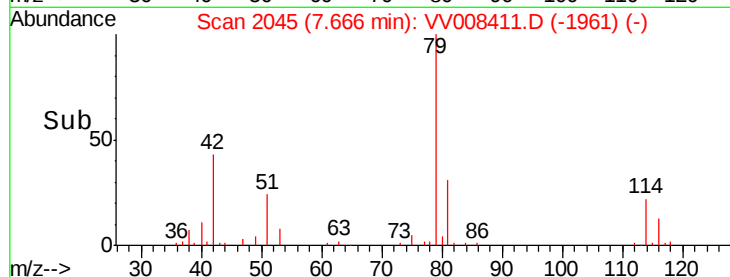
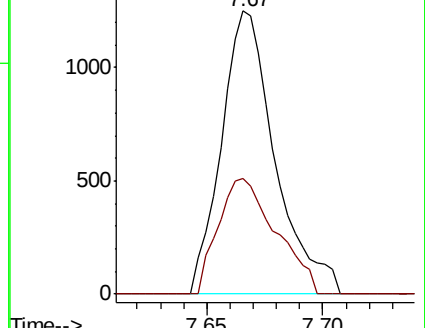
75 100

77 41.0 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008411.D (-1961) (-)

Ion 77.00 (76.70 to 77.70): VV008411.D (-1961) (-)



#46

Tetrachloroethene

Concen: 114.641 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

Tgt Ion:164 Resp: 110923

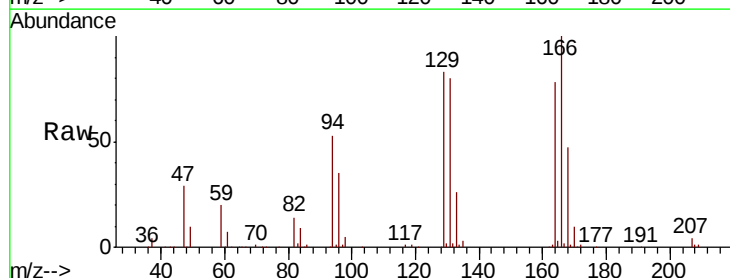
Ion Ratio Lower Upper

164 100

129 106.1 75.0 139.2

131 102.5 71.3 132.3

166 127.9 89.2 165.6

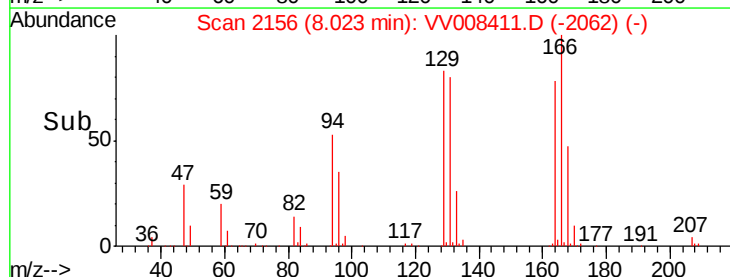
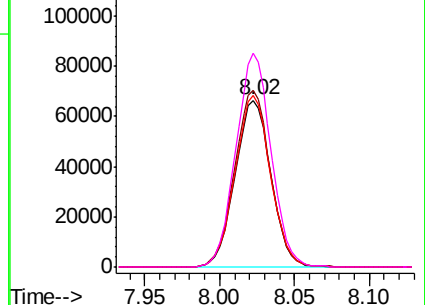


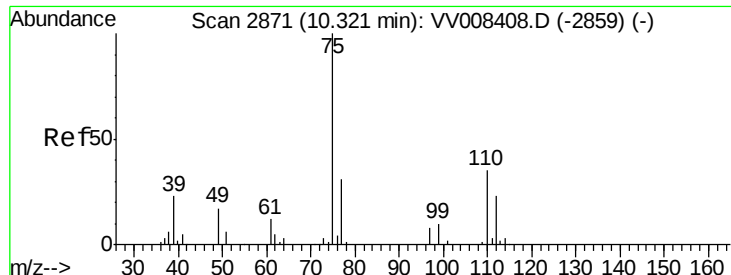
Abundance Ion 164.00 (163.70 to 164.70): VV008411.D (-2062) (-)

Ion 129.00 (128.70 to 129.70): VV008411.D (-2062) (-)

Ion 131.00 (130.70 to 131.70): VV008411.D (-2062) (-)

Ion 166.00 (165.70 to 166.70): VV008411.D (-2062) (-)





#59
 1,2,3-Trichloropropane
 Concen: 4.714 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008411.D
 Acq: 25 Oct 2018 16:21

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP2

Tgt Ion: 75 Resp: 9459
 Ion Ratio Lower Upper
 75 100
 77 39.8 25.8 38.8#

