

Data File : VV008242.D
Acq On : 10 Oct 2018 19:23
Operator : SY/MD
Sample : J5315-08 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J99

Quant Time: Oct 11 02:03:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88357	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19005	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.58	69	17637	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.13	63	28824	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	3.98	46	71800	55.03	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.06%
24) Chloroform-d	4.41	84	50014	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.09	65	25240	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	91834	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.12	67	31629	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	75997	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	7.67	79	9720	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	42970	44.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21628	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	31813	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

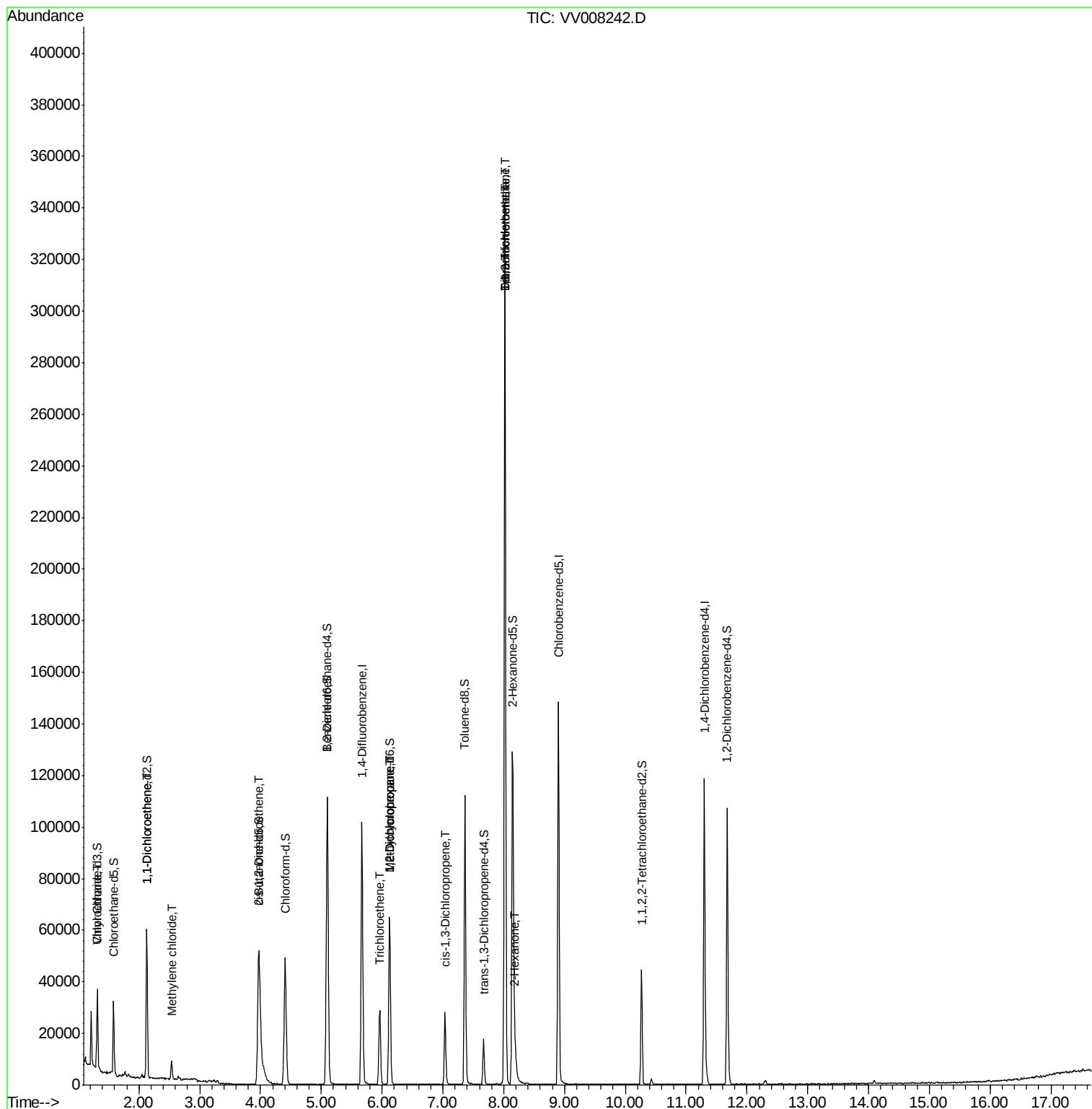
					Qvalue
8) Chloroethane	1.32	64	320	0.085 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	489	0.102 ug/L #	1
16) Methylene chloride	2.53	84	2799	0.482 ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	14971	2.541 ug/L	99
34) Trichloroethene	5.96	95	8954	1.422 ug/L	94
35) Methylcyclohexane	6.12	83	7381	0.839 ug/L #	17
37) 1,2-Dichloropropane	6.13	63	3145	0.540 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	681	0.091 ug/L #	45
45) 1,1,2-Trichloroethane	8.02	97	629	0.154 ug/L #	6
47) Tetrachloroethene	8.02	164	82463	14.663 ug/L	98
48) 2-Hexanone	8.19	43	6708	2.995 ug/L #	88
49) Dibromochloromethane	8.02	129	67562	13.261 ug/L #	10

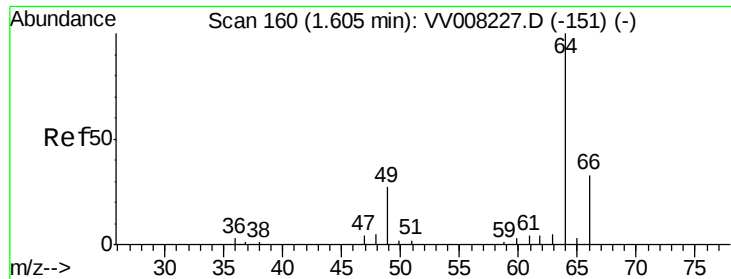
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008242.D
Acq On : 10 Oct 2018 19:23
Operator : SY/MD
Sample : J5315-08 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J99

Quant Time: Oct 11 02:03:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

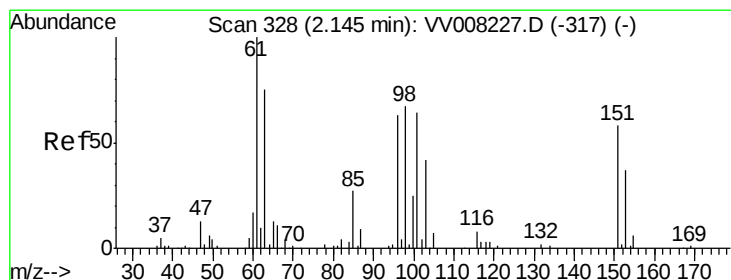
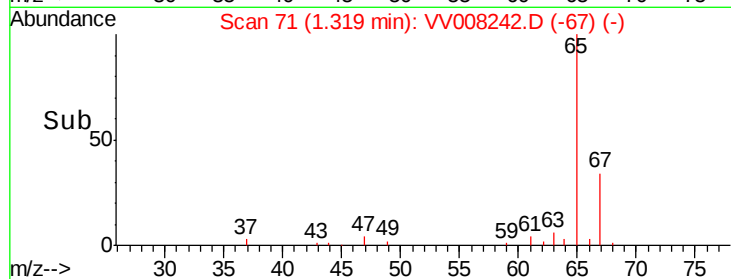
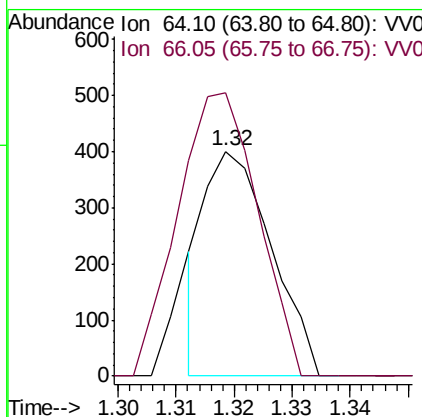
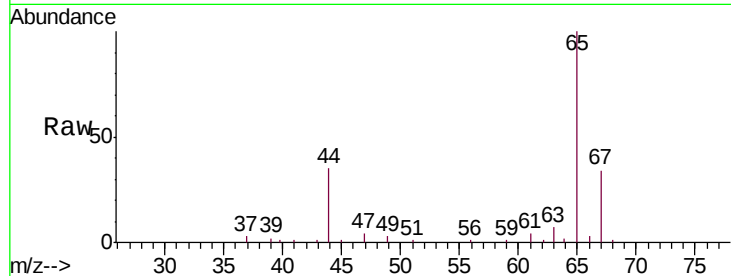




#8
 Chloroethane
 Concen: 0.085 ug/L
 RT: 1.32 min Scan# 71
 Delta R.T. -0.29 min
 Lab File: VV008242.D
 Acq: 10 Oct 2018 19:23

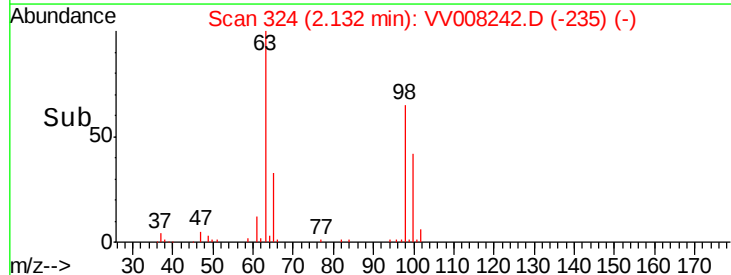
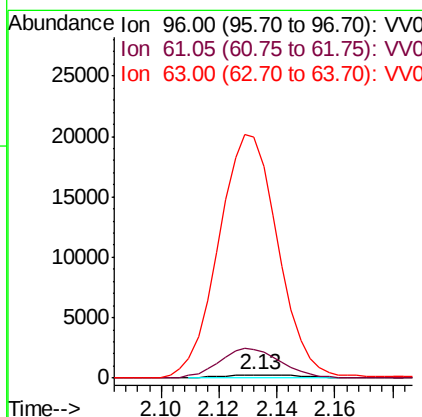
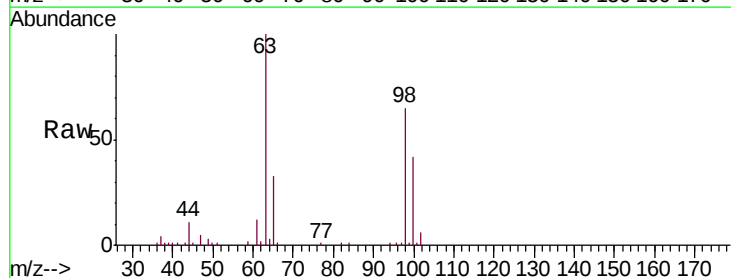
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J99

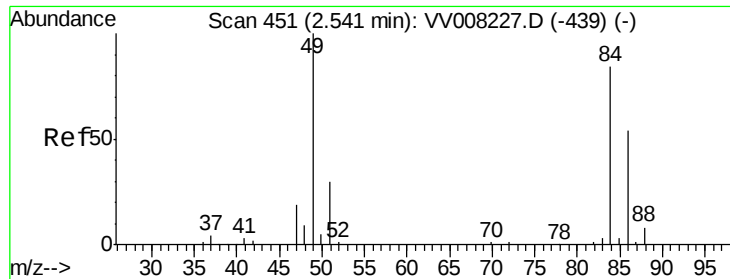
Tgt Ion: 64 Resp: 320
 Ion Ratio Lower Upper
 64 100
 66 126.0 24.1 44.8#



#12
 1,1-Dichloroethene
 Concen: 0.102 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008242.D
 Acq: 10 Oct 2018 19:23

Tgt Ion: 96 Resp: 489
 Ion Ratio Lower Upper
 96 100
 61 875.3 114.7 213.1#
 63 7374.2 96.9 179.9#

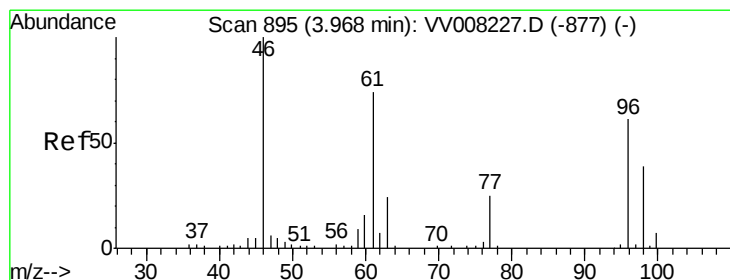
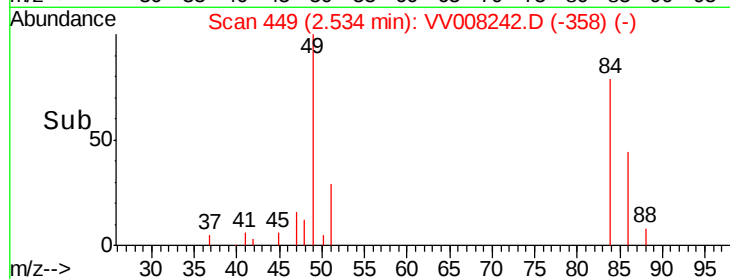
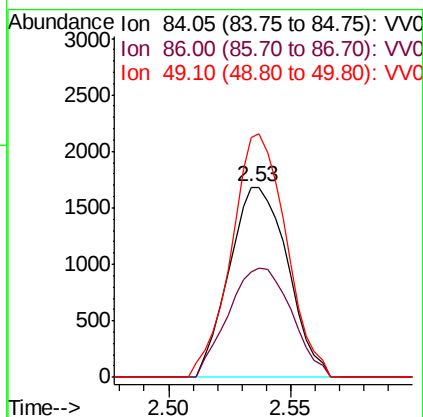
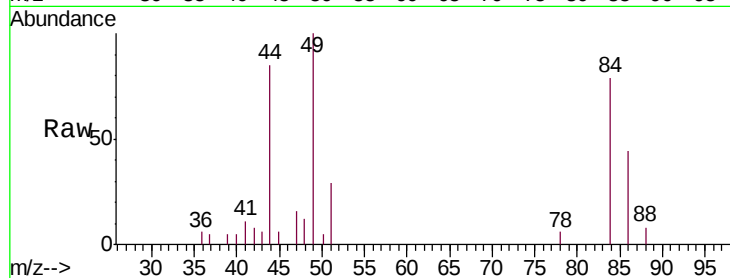




#16
Methylene chloride
Concen: 0.482 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.01 min
Lab File: VV008242.D
Acq: 10 Oct 2018 19:23

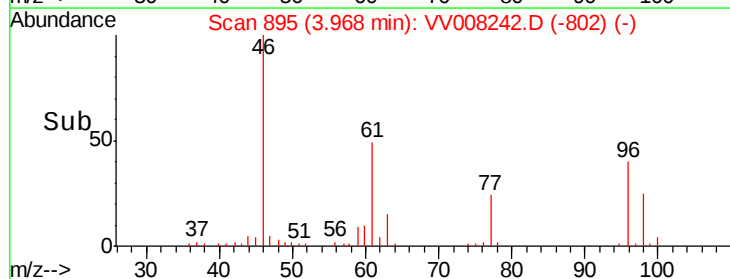
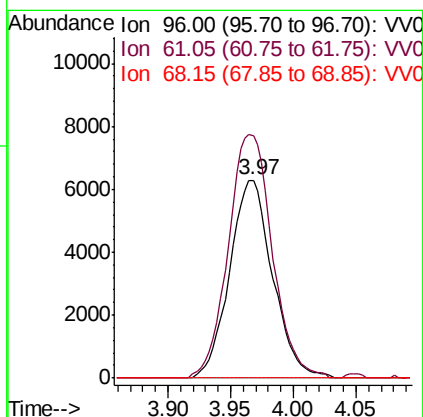
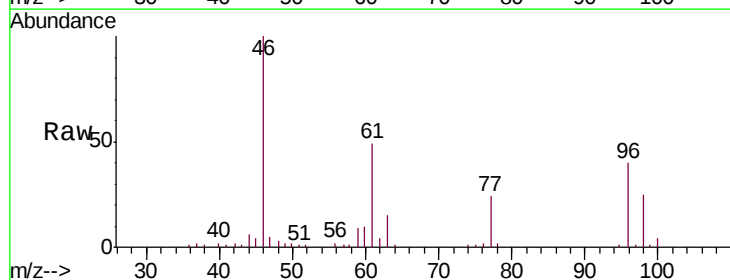
Instrument :
MSVOA_V
ClientSampleId :
C0J99

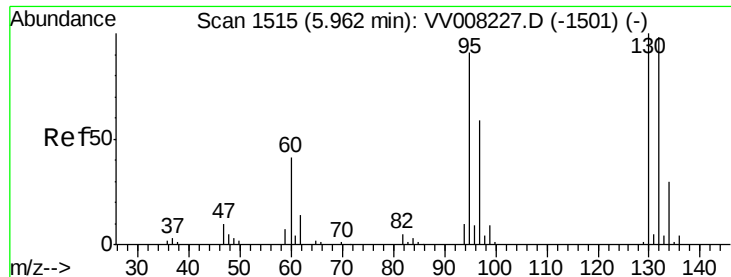
Tgt Ion: 84 Resp: 2799
Ion Ratio Lower Upper
84 100
86 55.6 45.3 84.1
49 126.4 83.0 154.1



#22
cis-1,2-Dichloroethene
Concen: 2.541 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008242.D
Acq: 10 Oct 2018 19:23

Tgt Ion: 96 Resp: 14971
Ion Ratio Lower Upper
96 100
61 122.4 85.1 158.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.422 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

Instrument :

MSVOA_V

ClientSampleId :

C0J99

Tgt Ion: 95 Resp: 8954

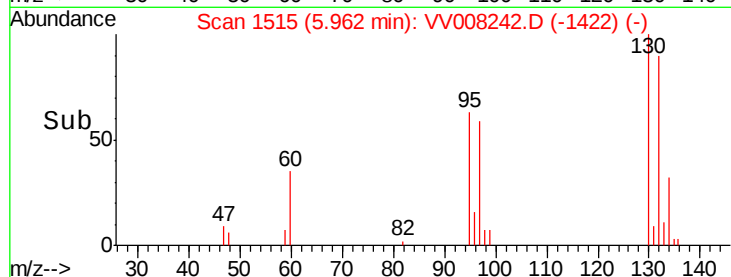
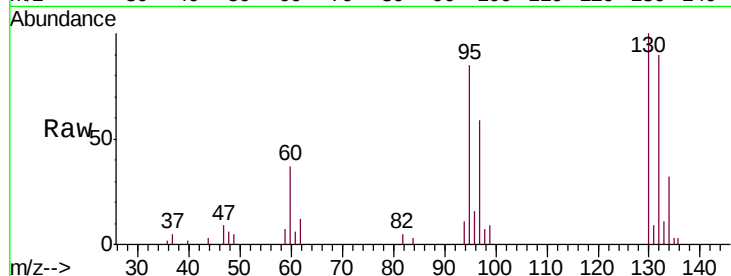
Ion Ratio Lower Upper

95 100

97 69.5 44.9 83.5

132 106.7 73.6 136.6

130 118.2 76.2 141.6

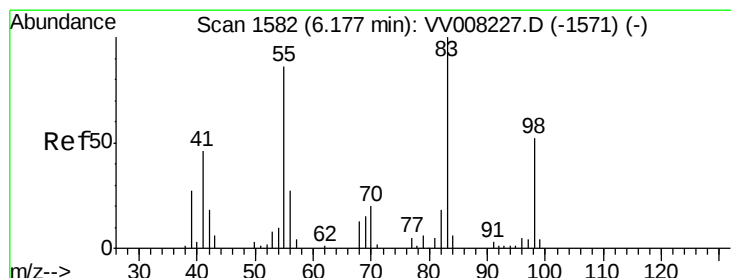
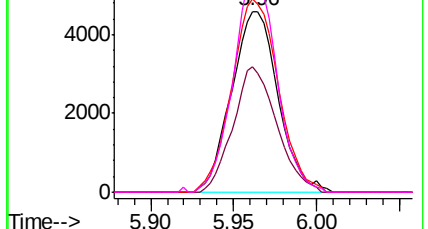


Abundance Ion 95.00 (94.70 to 95.70): VV008242.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008242.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008242.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008242.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.839 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

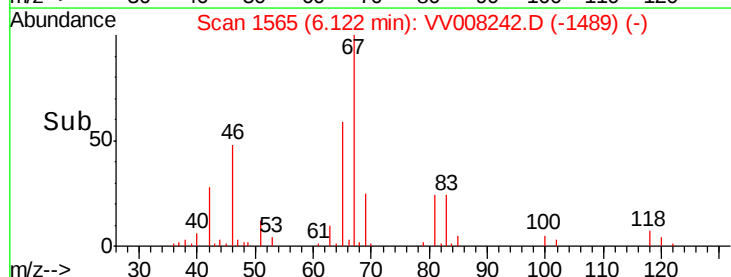
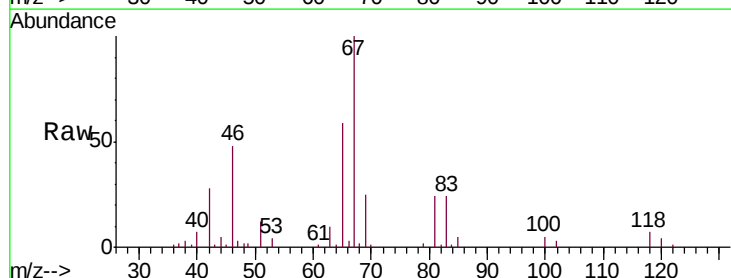
Tgt Ion: 83 Resp: 7381

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

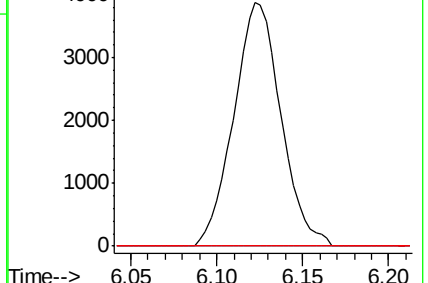
98 0.0 38.3 57.5#

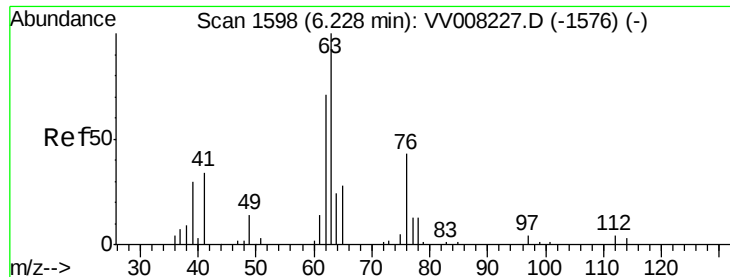


Abundance Ion 83.15 (82.85 to 83.85): VV008242.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008242.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008242.D (-1489) (-)





#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

Instrument :

MSVOA_V

ClientSampleId :

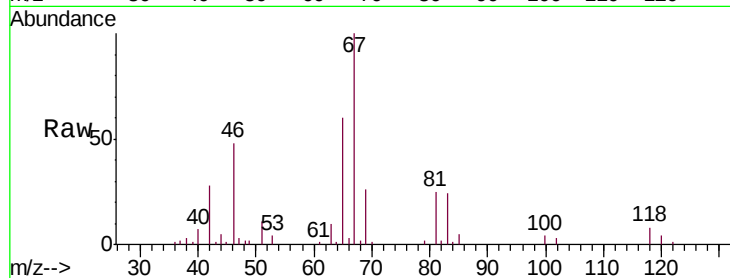
C0J99

Tgt Ion: 63 Resp: 3145

Ion Ratio Lower Upper

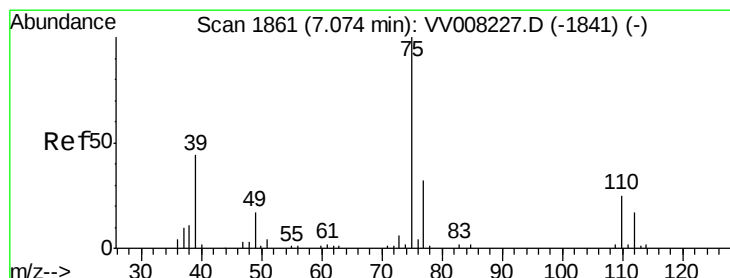
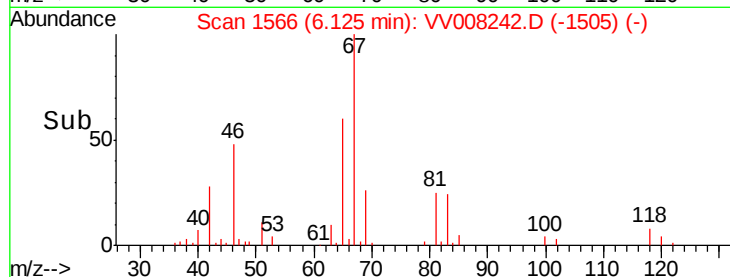
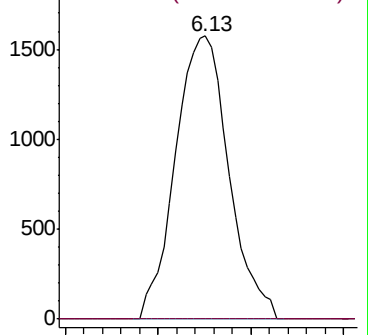
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008227.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV008227.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008242.D

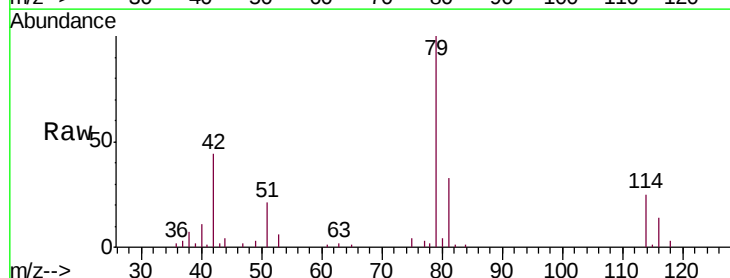
Acq: 10 Oct 2018 19:23

Tgt Ion: 75 Resp: 681

Ion Ratio Lower Upper

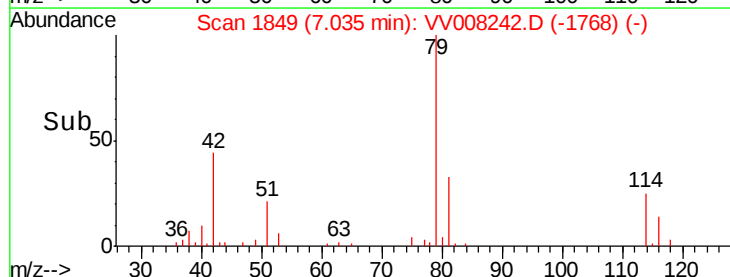
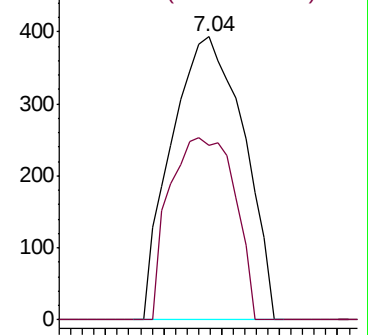
75 100

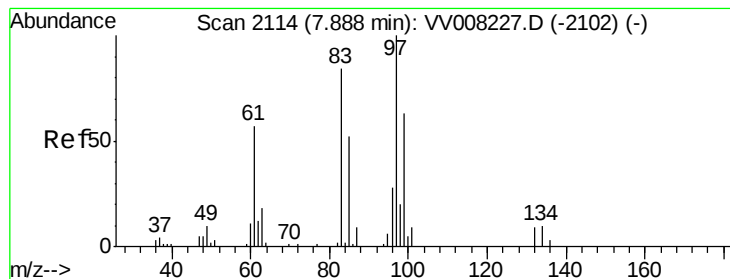
77 61.8 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008227.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV008227.D (-1841) (-)





#45

1,1,2-Trichloroethane

Concen: 0.154 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.13 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

Instrument :

MSVOA_V

ClientSampleId :

C0J99

Tgt Ion: 97 Resp: 629

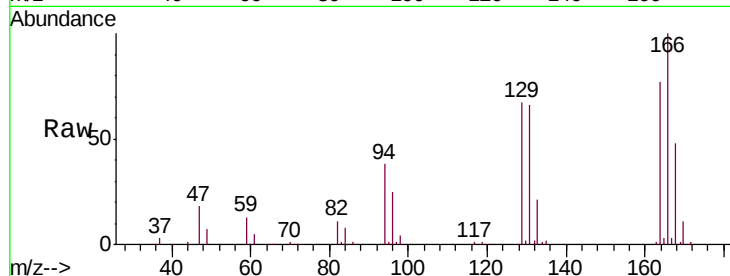
Ion Ratio Lower Upper

97 100

99 0.0 42.6 79.0#

83 217.6 57.5 106.7#

85 37.3 36.5 67.7



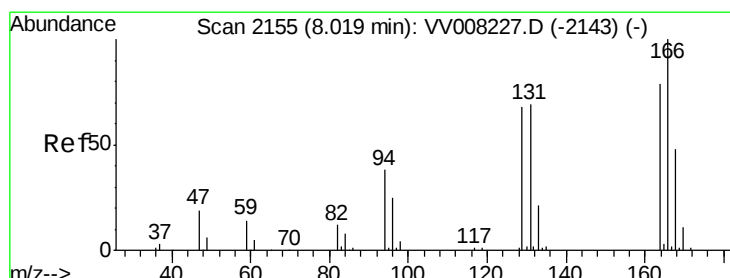
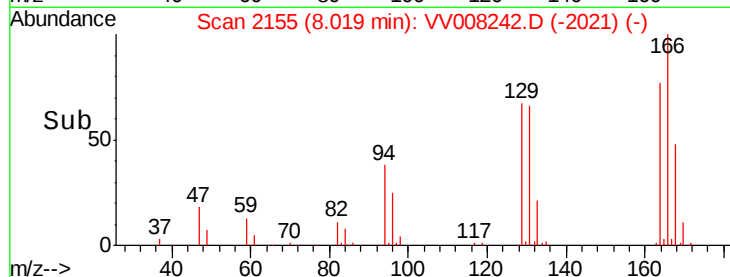
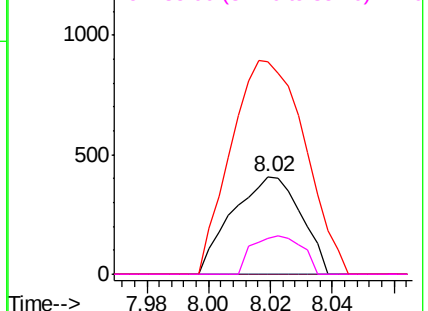
Abundance

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



#47

Tetrachloroethene

Concen: 14.663 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

Tgt Ion:164 Resp: 82463

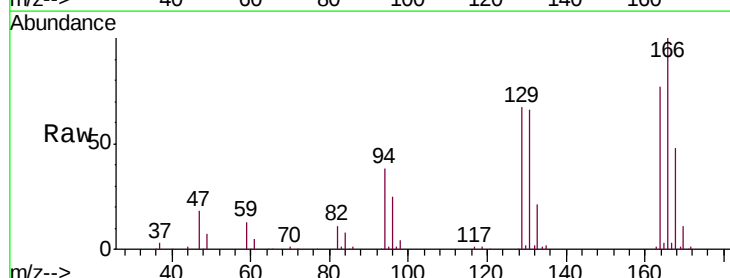
Ion Ratio Lower Upper

164 100

129 86.4 62.2 115.4

131 85.2 60.5 112.5

166 129.1 92.1 171.1



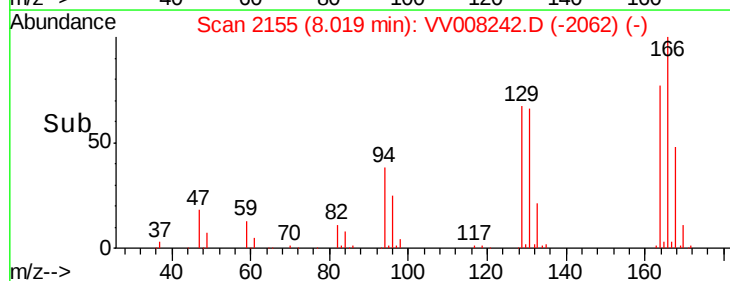
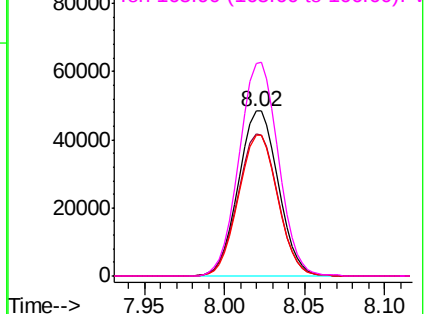
Abundance

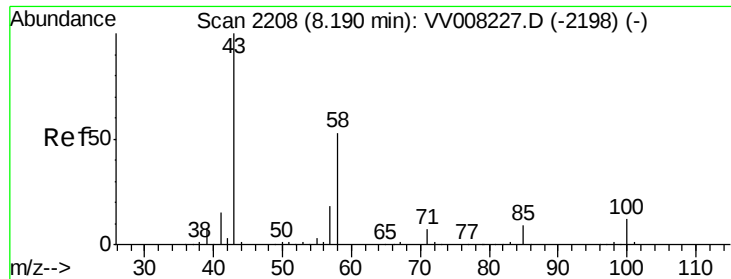
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

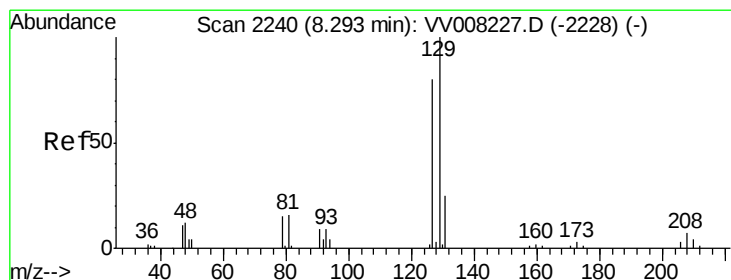
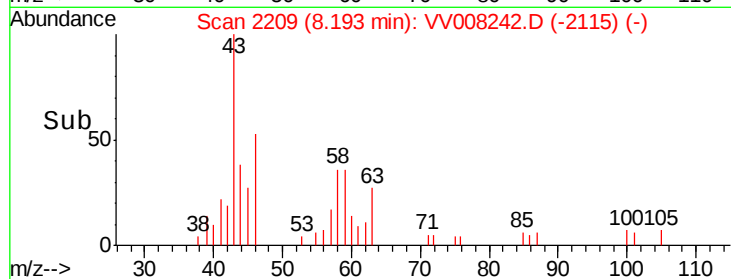
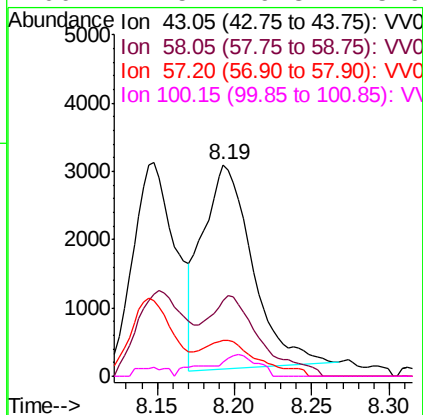
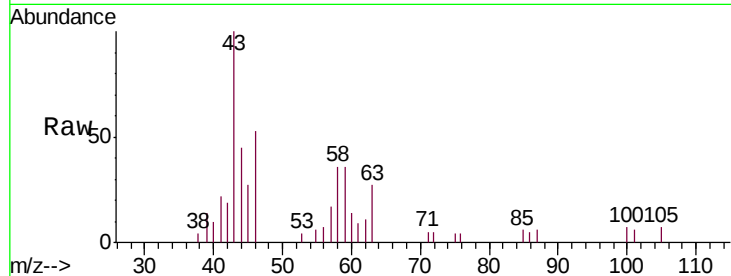




#48
2-Hexanone
Concen: 2.995 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008242.D
Acq: 10 Oct 2018 19:23

Instrument :
MSVOA_V
ClientSampleId :
C0J99

Tgt Ion: 43 Resp: 6708
Ion Ratio Lower Upper
43 100
58 40.2 40.5 60.7#
57 19.3 14.6 22.0
100 7.5 9.3 13.9#



#49
Dibromochloromethane
Concen: 13.261 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008242.D
Acq: 10 Oct 2018 19:23

Tgt Ion: 129 Resp: 67562
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

