

Data File : VV008083.D
Acq On : 05 Oct 2018 01:09
Operator : SY/MD
Sample : J5246-17
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J85

Quant Time: Oct 05 05:59:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:56:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	79236	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75613	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16767	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.59	69	16034	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.14	63	30326	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.97	46	70294	55.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.04%
24) Chloroform-d	4.41	84	48703	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.09	65	24767	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.10	84	87937	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.13	67	29812	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	78153	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.67	79	9351	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	46662	47.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22970	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	34464	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

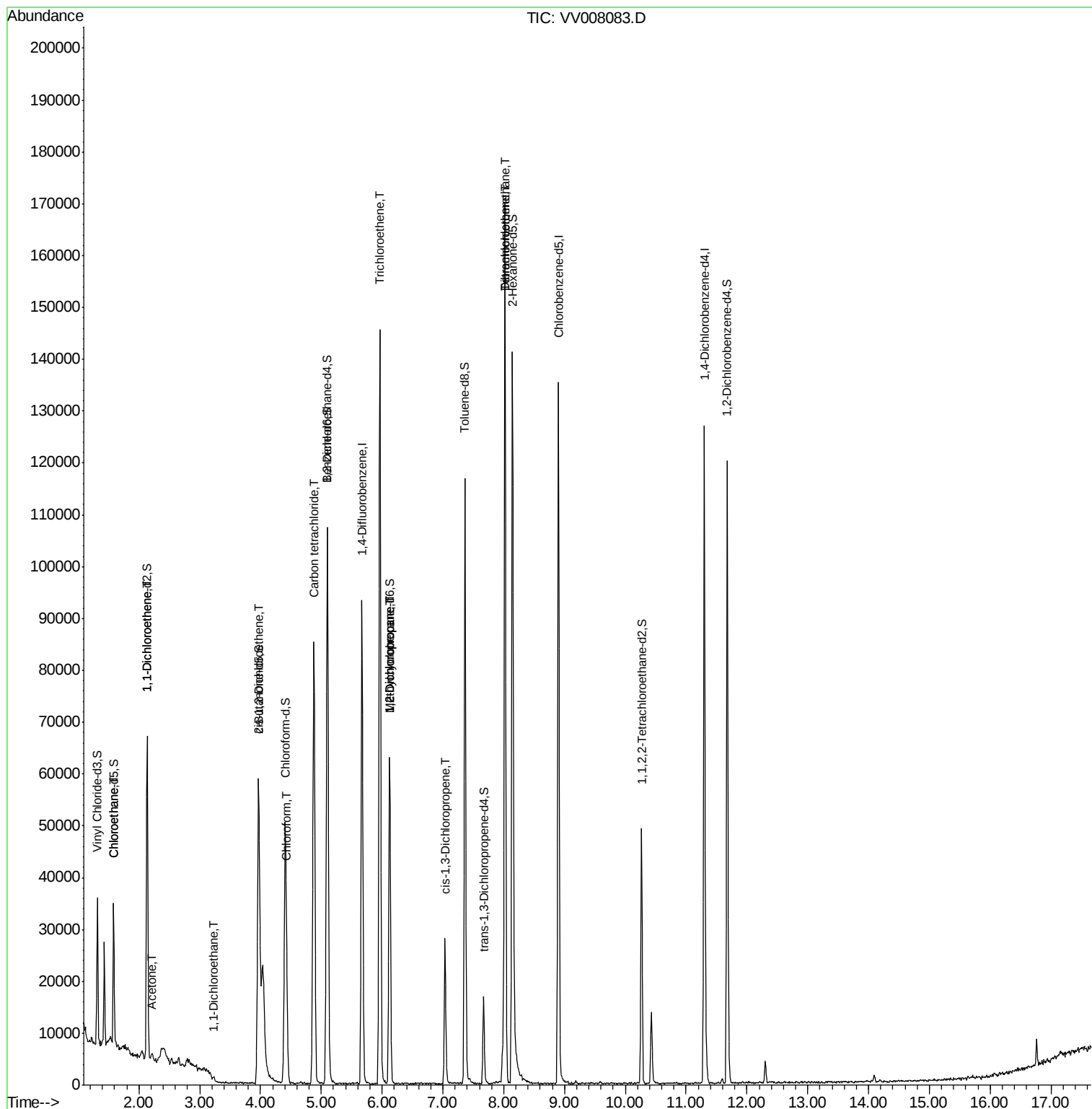
					Qvalue	
8) Chloroethane	1.59	64	643	0.168	ug/L #	53
12) 1,1-Dichloroethene	2.14	96	4245	0.811	ug/L #	1
13) Acetone	2.22	43	2832	3.042	ug/L	63
19) 1,1-Dichloroethane	3.23	63	995	0.101	ug/L #	81
22) cis-1,2-Dichloroethene	3.97	96	11734	2.007	ug/L	91
25) Chloroform	4.43	83	9292	0.872	ug/L	96
31) Carbon tetrachloride	4.88	117	63184	7.883	ug/L	99
34) Trichloroethene	5.96	95	48374	7.803	ug/L	94
35) Methylcyclohexane	6.13	83	7241	0.779	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3609	0.652	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	848	0.115	ug/L	91
47) Tetrachloroethene	8.02	164	39941	6.952	ug/L	98
49) Dibromochloromethane	8.02	129	33478	7.347	ug/L #	12

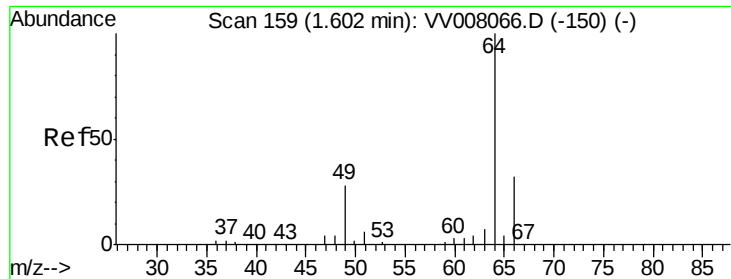
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.168 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.02 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

Instrument :

MSVOA_V

ClientSampleId :

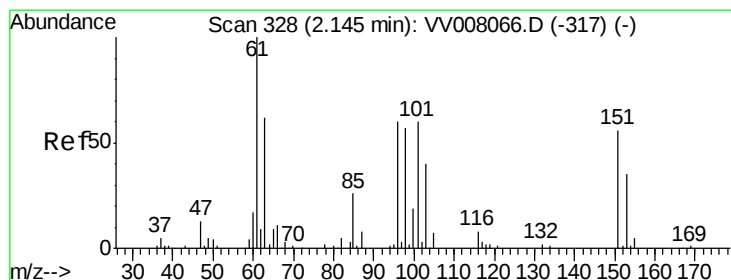
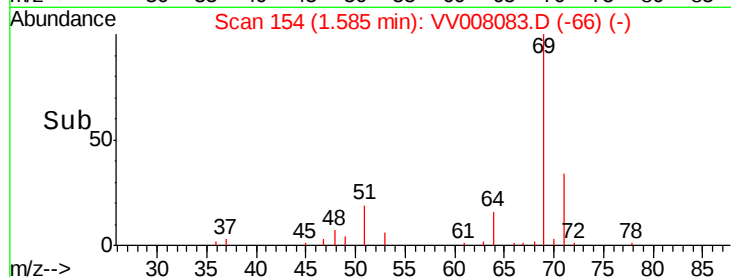
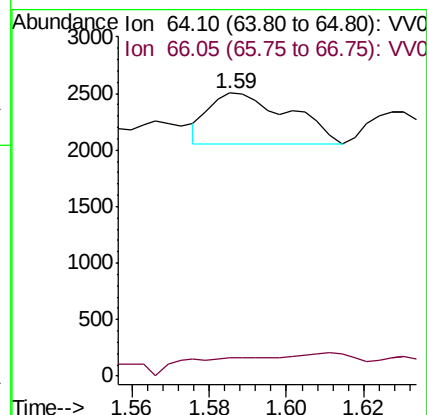
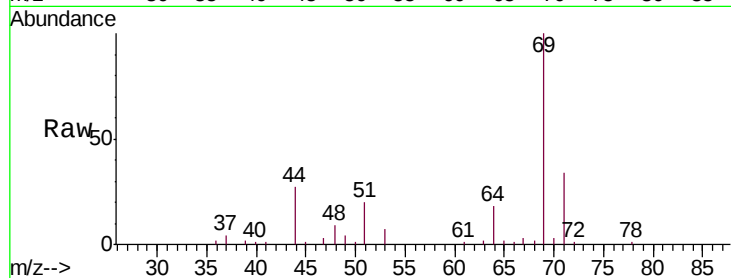
C0J85

Tgt Ion: 64 Resp: 643

Ion Ratio Lower Upper

64 100

66 6.3 23.1 42.9#



#12

1,1-Dichloroethene

Concen: 0.811 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

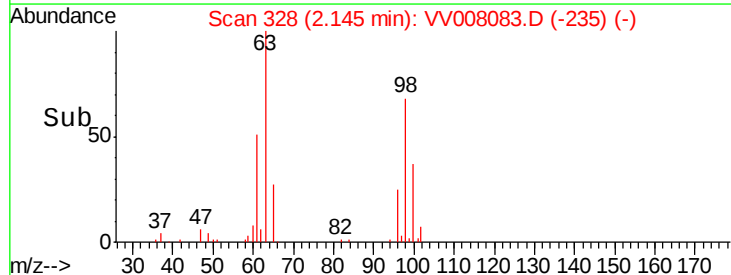
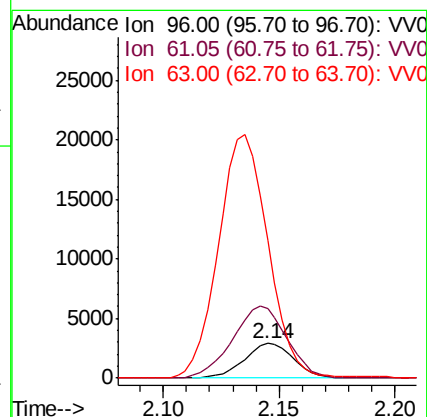
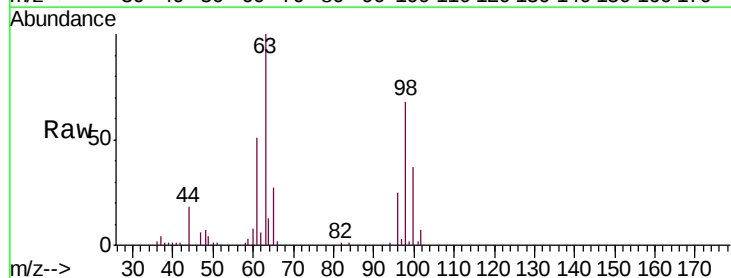
Tgt Ion: 96 Resp: 4245

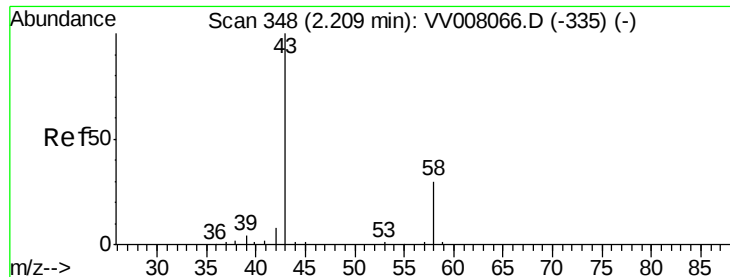
Ion Ratio Lower Upper

96 100

61 201.6 114.1 211.9

63 398.3 81.5 151.3#





#13

Acetone

Concen: 3.042 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

Instrument :

MSVOA_V

ClientSampled :

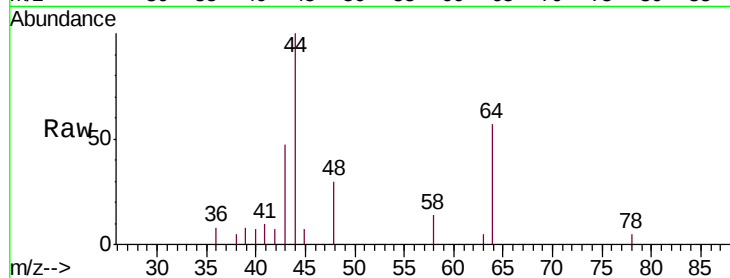
C0J85

Tgt Ion: 43 Resp: 2832

Ion Ratio Lower Upper

43 100

58 10.7 0.0 62.0

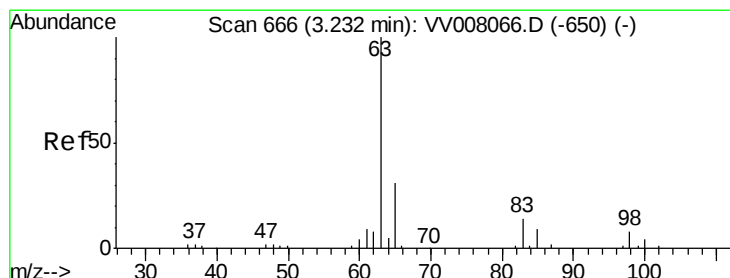
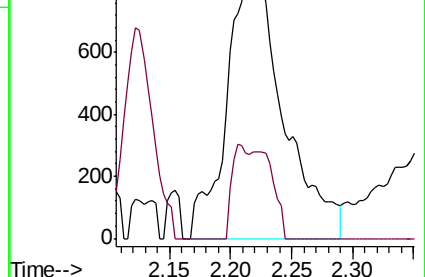
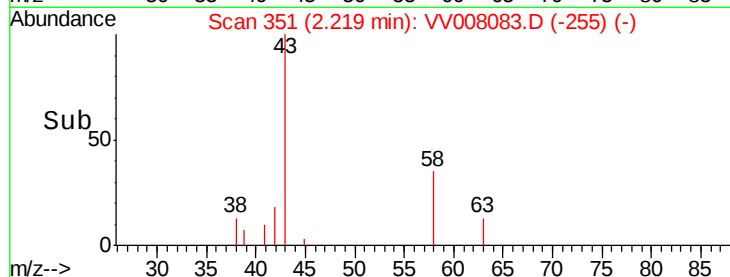


Abundance Ion 43.05 (42.75 to 43.75): VV008066.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008066.D (-335) (-)

2.22

Time-->



#19

1,1-Dichloroethane

Concen: 0.101 ug/L

RT: 3.23 min Scan# 665

Delta R.T. -0.00 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

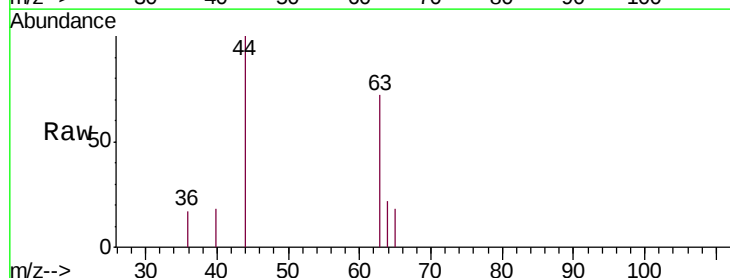
Tgt Ion: 63 Resp: 995

Ion Ratio Lower Upper

63 100

65 25.2 22.3 41.5

83 0.0 9.8 18.2#



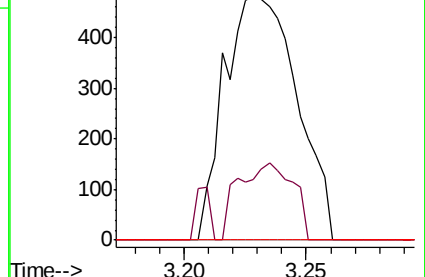
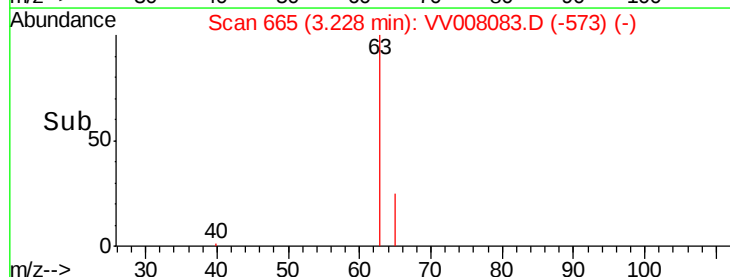
Abundance Ion 63.10 (62.80 to 63.80): VV008066.D (-650) (-)

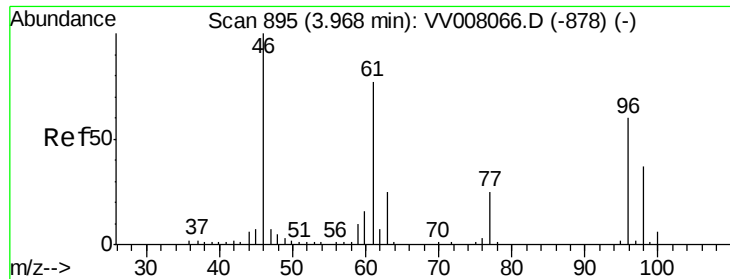
Ion 65.10 (64.80 to 65.80): VV008066.D (-650) (-)

Ion 83.05 (82.75 to 83.75): VV008066.D (-650) (-)

3.23

Time-->

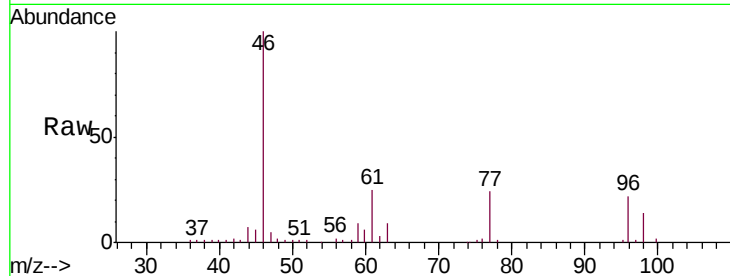




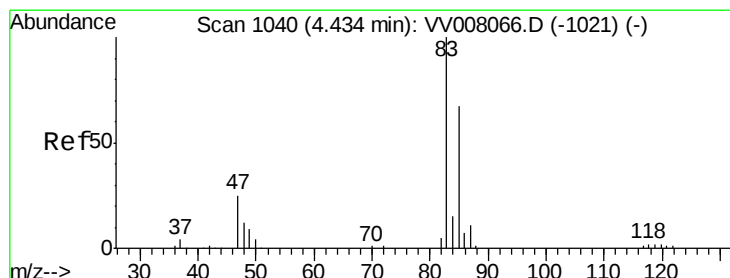
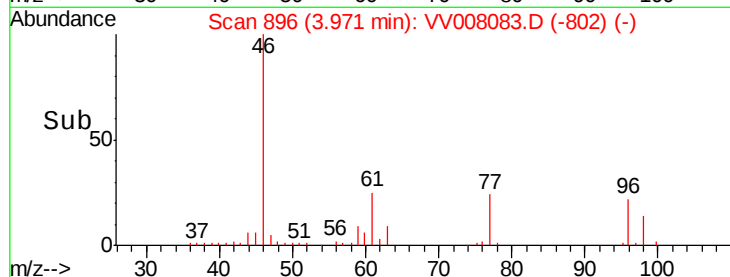
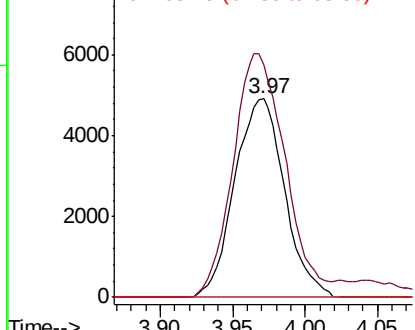
#22
 cis-1,2-Dichloroethene
 Concen: 2.007 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV008083.D
 Acq: 05 Oct 2018 01:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J85

Tgt Ion: 96 Resp: 11734
 Ion Ratio Lower Upper
 96 100
 61 117.1 89.5 166.1
 68 0.0 0.0 0.0

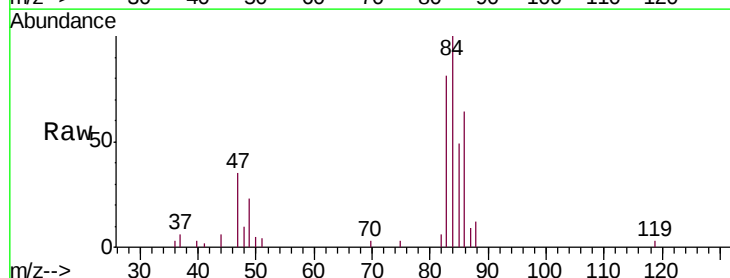


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

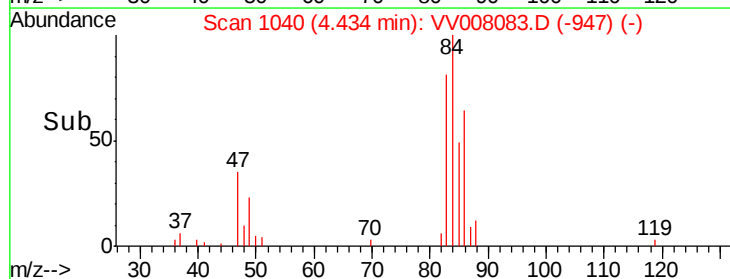
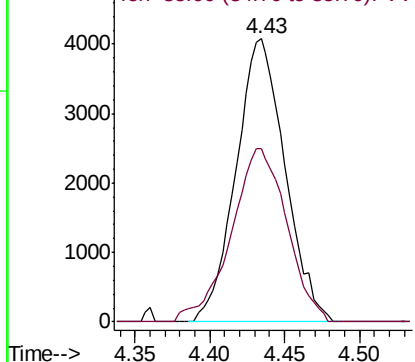


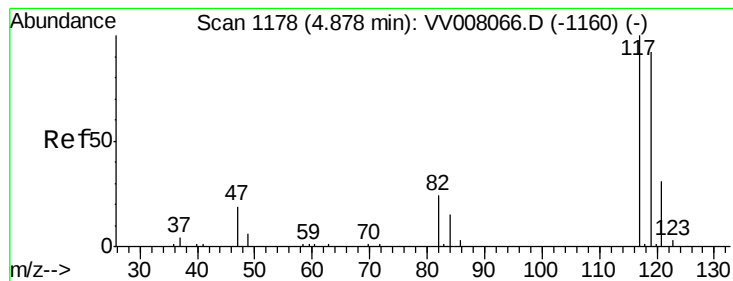
#25
 Chloroform
 Concen: 0.872 ug/L
 RT: 4.43 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VV008083.D
 Acq: 05 Oct 2018 01:09

Tgt Ion: 83 Resp: 9292
 Ion Ratio Lower Upper
 83 100
 85 61.1 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#31

Carbon tetrachloride

Concen: 7.883 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

Instrument :

MSVOA_V

ClientSampleId :

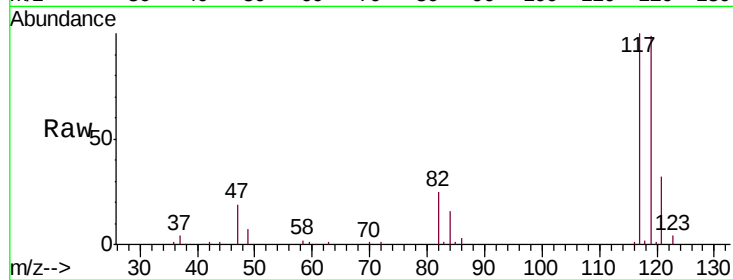
C0J85

Tgt Ion:117 Resp: 63184

Ion Ratio Lower Upper

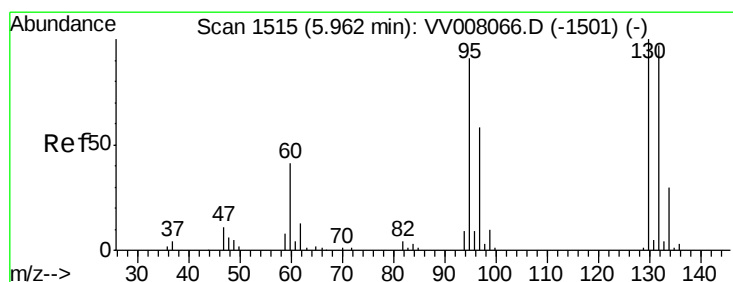
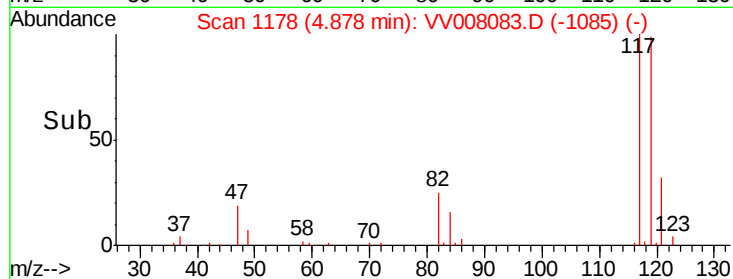
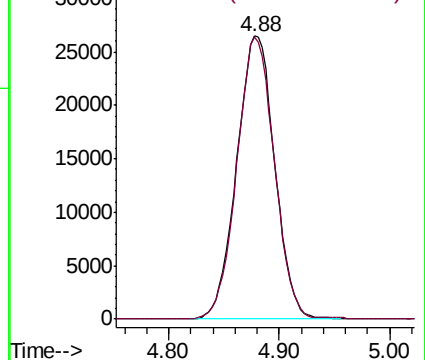
117 100

119 98.3 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 7.803 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

Tgt Ion: 95 Resp: 48374

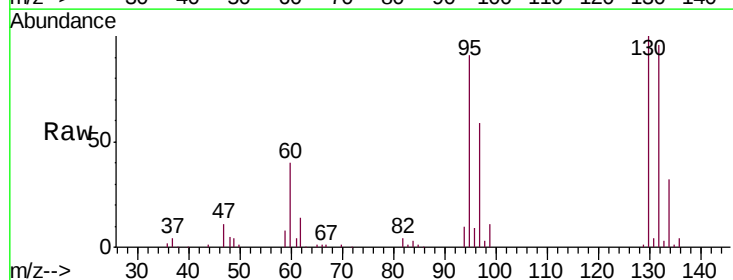
Ion Ratio Lower Upper

95 100

97 65.0 43.6 81.0

132 105.9 69.9 129.9

130 110.3 71.7 133.3

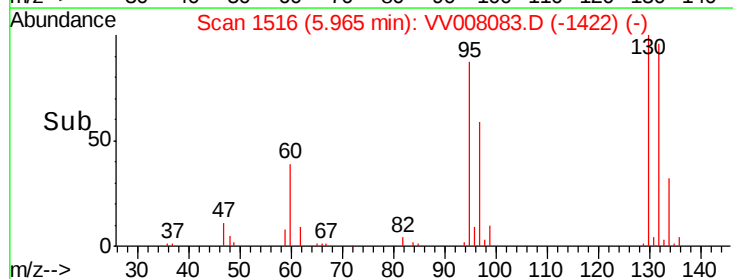
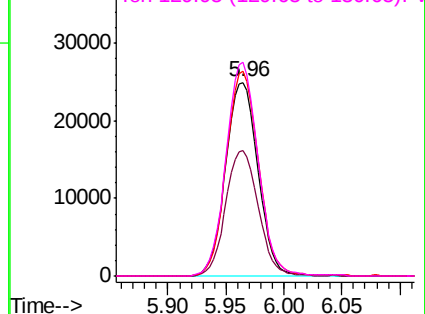


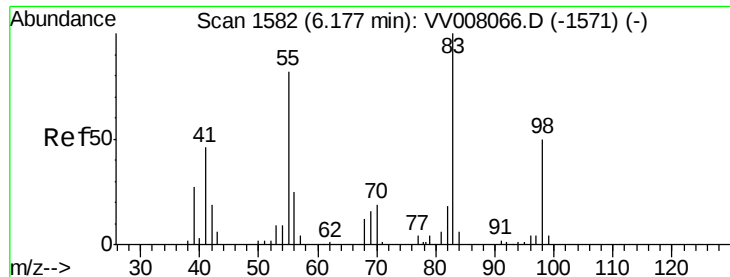
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

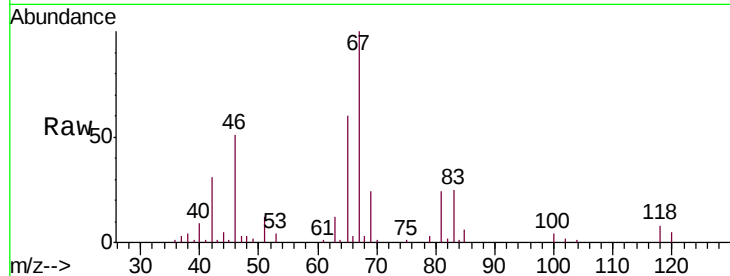




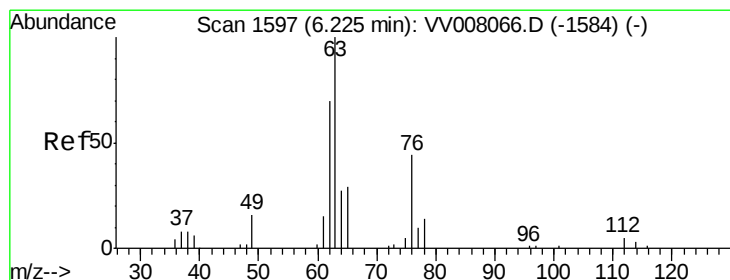
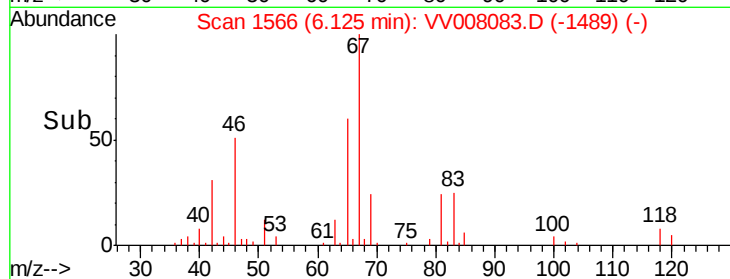
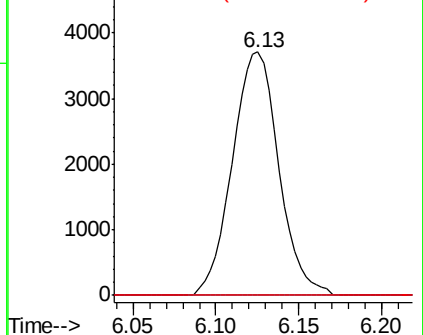
#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008083.D
Acq: 05 Oct 2018 01:09

Instrument :
MSVOA_V
ClientSampleId :
C0J85

Tgt Ion: 83 Resp: 7241
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.0 38.0 57.0#

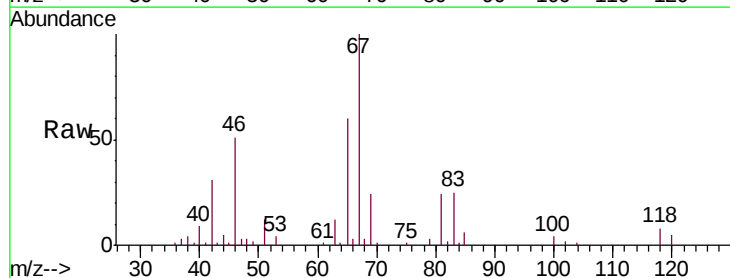


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

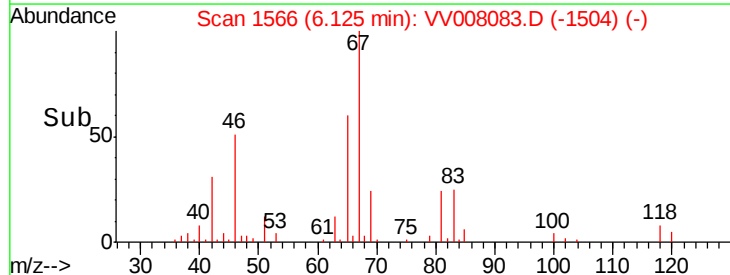
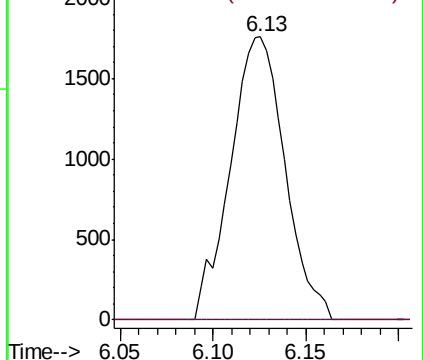


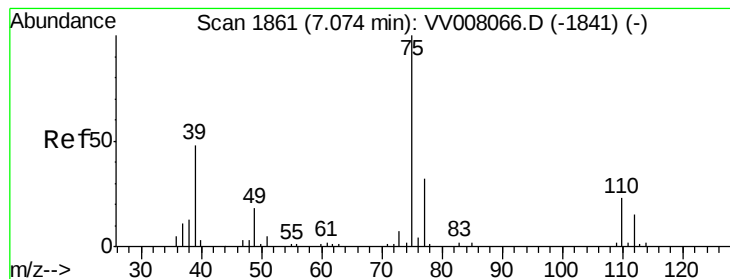
#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008083.D
Acq: 05 Oct 2018 01:09

Tgt Ion: 63 Resp: 3609
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



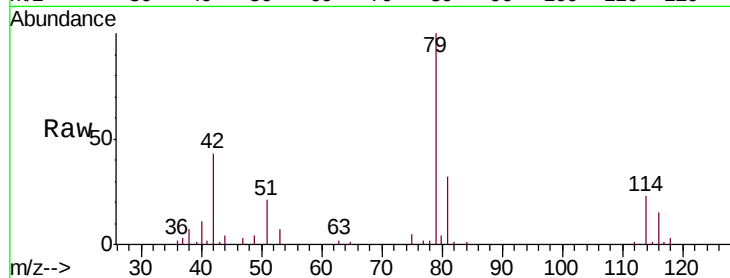


#39

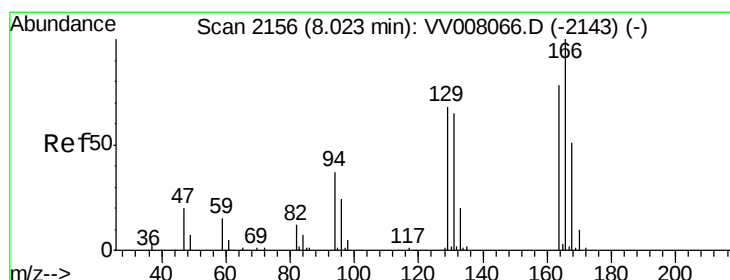
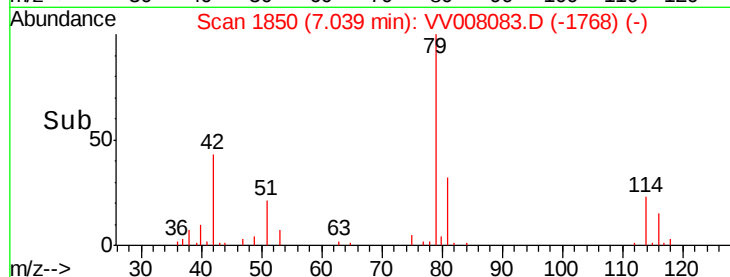
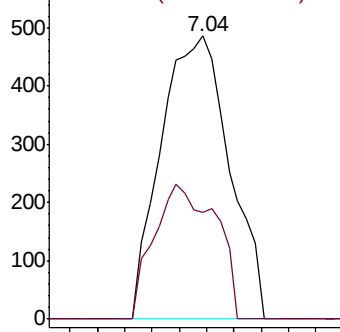
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 7.04 min Scan# 1850
Delta R.T. -0.04 min
Lab File: VV008083.D
Acq: 05 Oct 2018 01:09

Instrument :
MSVOA_V
ClientSampled :
C0J85

Tgt Ion: 75 Resp: 848
Ion Ratio Lower Upper
75 100
77 37.9 22.9 42.5



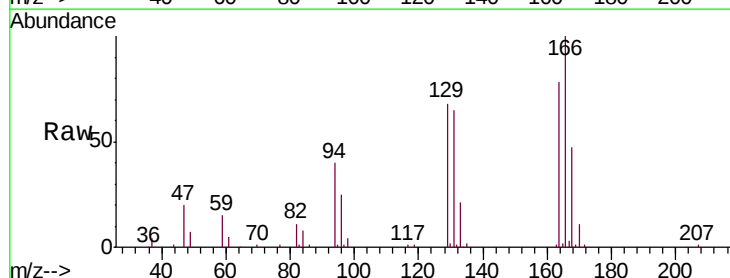
Abundance Ion 75.05 (74.75 to 75.75): VV008066.D (-1841) (-)
Ion 77.05 (76.75 to 77.75): VV008066.D (-1841) (-)



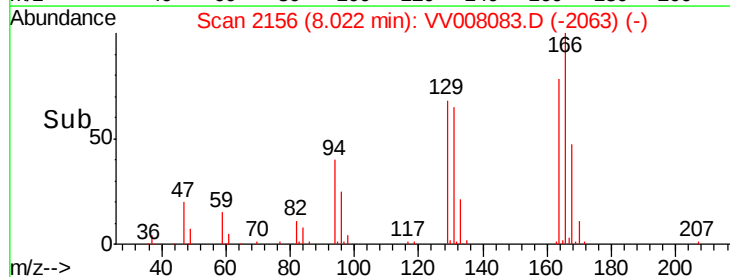
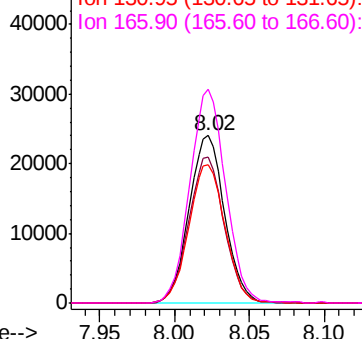
#47

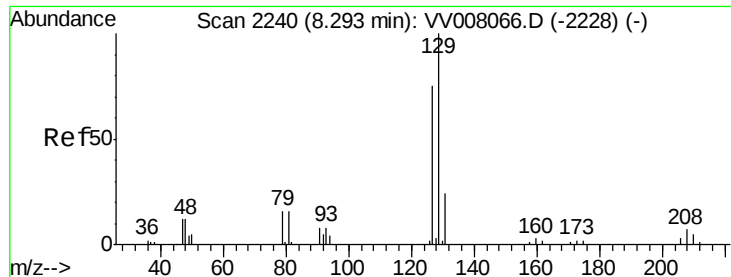
Tetrachloroethene
Concen: 6.952 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV008083.D
Acq: 05 Oct 2018 01:09

Tgt Ion: 164 Resp: 39941
Ion Ratio Lower Upper
164 100
129 87.2 59.2 110.0
131 82.4 57.1 106.1
166 127.7 88.6 164.6



Abundance Ion 163.90 (163.60 to 164.60): VV008066.D (-2143) (-)
Ion 128.95 (128.65 to 129.65): VV008066.D (-2143) (-)
Ion 130.95 (130.65 to 131.65): VV008066.D (-2143) (-)
Ion 165.90 (165.60 to 166.60): VV008066.D (-2143) (-)





#49

Dibromochloromethane

Concen: 7.347 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

Instrument :

MSVOA_V

ClientSampleId :

C0J85

Tgt Ion:129 Resp: 33478

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#

