

Data File : VV008098.D
Acq On : 05 Oct 2018 15:15
Operator : SY/MD
Sample : J5246-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J79RE

Quant Time: Oct 06 01:04:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110806	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26725	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.59	69	23130	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.14	63	41541	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.96	46	69367	42.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.78%
24) Chloroform-d	4.41	84	56190	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.09	65	28738	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	5.10	84	107815	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.12	67	33918	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.36	98	100067	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.67	79	11588	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.14	63	49304	41.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23286	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39772	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.14	96	1252	0.209	ug/L #	1
13) Acetone	2.21	43	2832	2.554	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	2135	0.289	ug/L	92
25) Chloroform	4.43	83	2606	0.194	ug/L	87
31) Carbon tetrachloride	4.88	117	2922	0.277	ug/L	97
34) Trichloroethene	5.96	95	10759	1.380	ug/L	98
35) Methylcyclohexane	6.12	83	8323	0.764	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3877	0.538	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	995	0.108	ug/L #	44
47) Tetrachloroethene	8.02	164	6528	0.938	ug/L	97
49) Dibromochloromethane	8.02	129	5295	0.840	ug/L #	10
66) 1,2-Dibromo-3-chloropropan	12.31	75	98	0.130	ug/L #	1

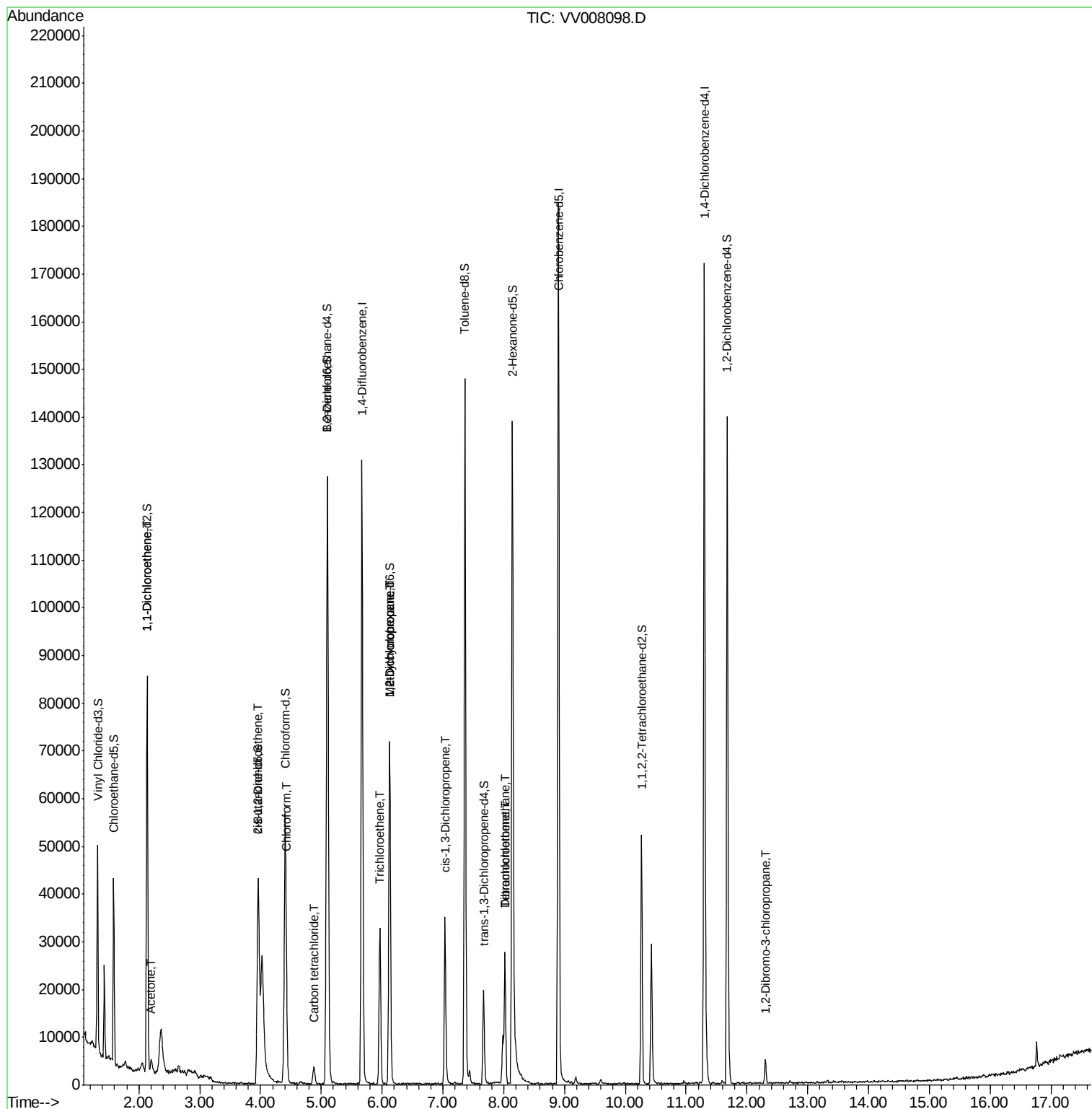
(#) = qualifier out of range (m) = manual integration (+) = signals summed

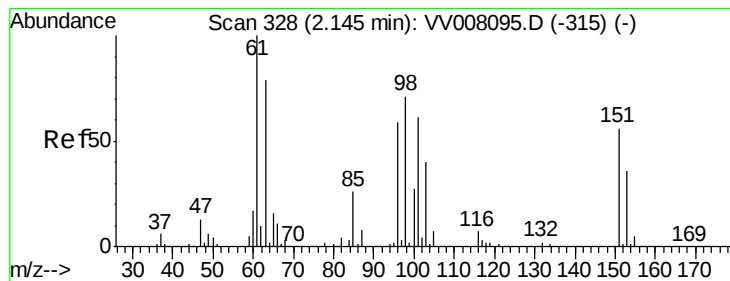
Data File : VV008098.D

```
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QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.209 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

Instrument :

MSVOA_V

ClientSampleId :

C0J79RE

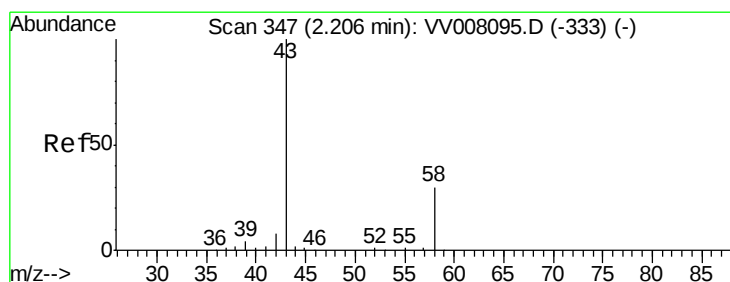
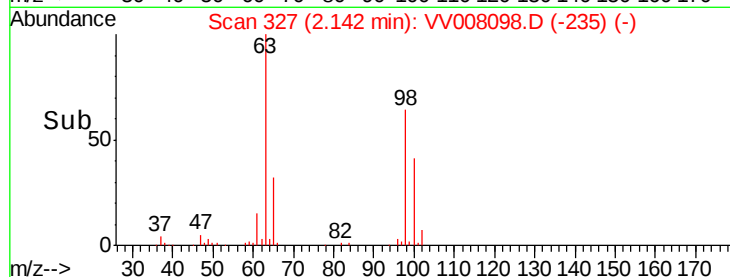
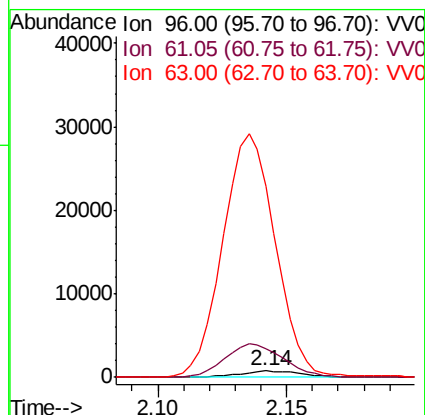
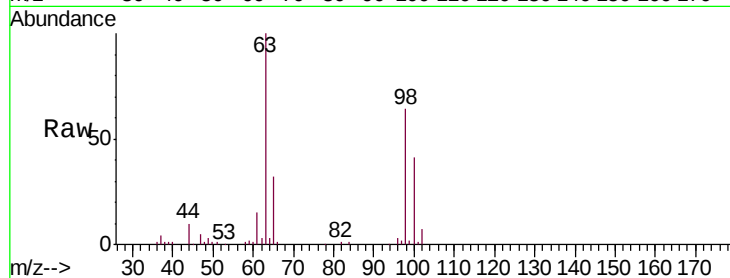
Tgt Ion: 96 Resp: 1252

Ion Ratio Lower Upper

96 100

61 462.5 114.7 213.1#

63 3038.9 96.9 179.9#



#13

Acetone

Concen: 2.554 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV008098.D

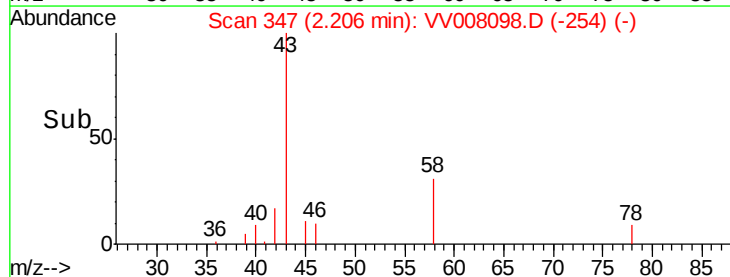
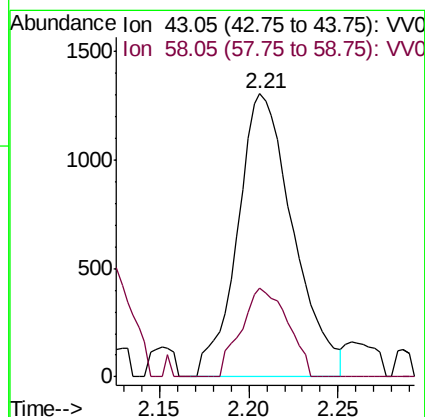
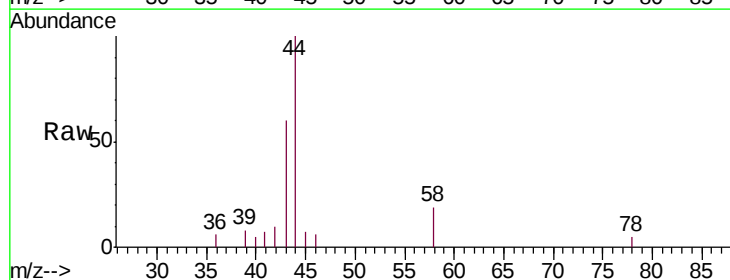
Acq: 05 Oct 2018 15:15

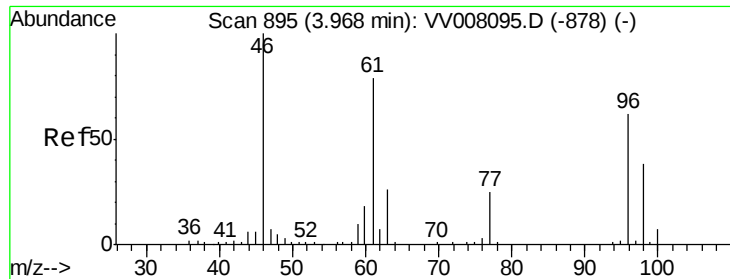
Tgt Ion: 43 Resp: 2832

Ion Ratio Lower Upper

43 100

58 26.4 0.0 62.2



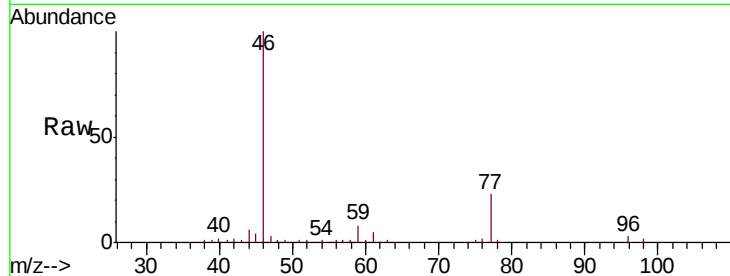


#22

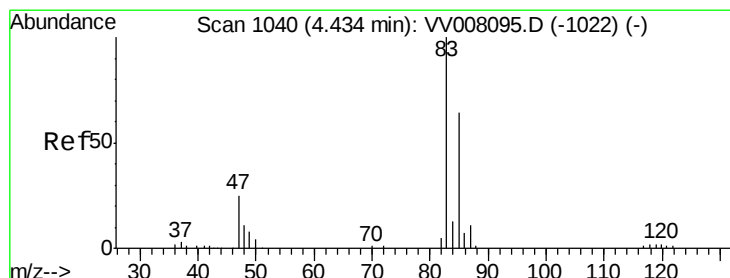
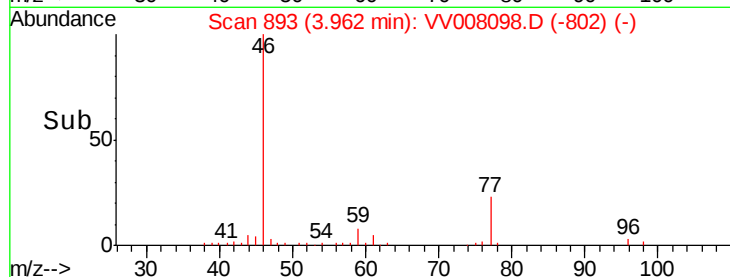
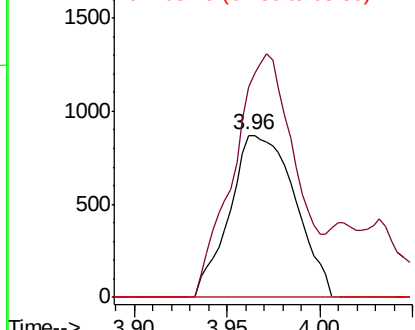
cis-1,2-Dichloroethene
Concen: 0.289 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.01 min
Lab File: VV008098.D
Acq: 05 Oct 2018 15:15

Instrument :
MSVOA_V
ClientSampleId :
C0J79RE

Tgt Ion: 96 Resp: 2135
Ion Ratio Lower Upper
96 100
61 130.3 85.1 158.1
68 0.0 0.0 0.0



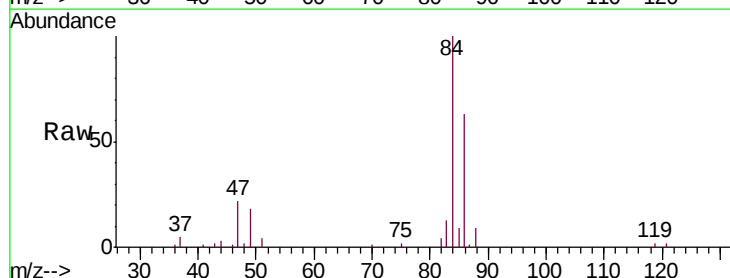
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



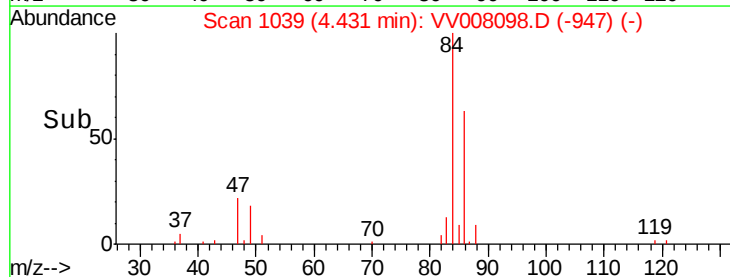
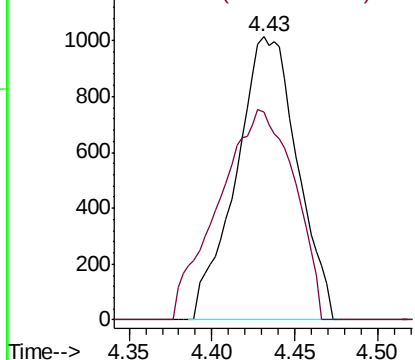
#25

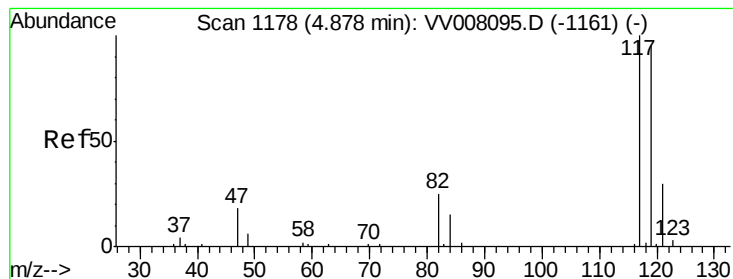
Chloroform
Concen: 0.194 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008098.D
Acq: 05 Oct 2018 15:15

Tgt Ion: 83 Resp: 2606
Ion Ratio Lower Upper
83 100
85 73.6 44.6 82.8



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





#31

Carbon tetrachloride

Concen: 0.277 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

Instrument :

MSVOA_V

ClientSampled :

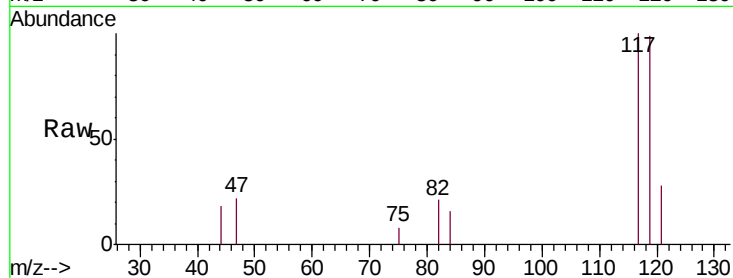
C0J79RE

Tgt Ion: 117 Resp: 2922

Ion Ratio Lower Upper

117 100

119 92.8 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

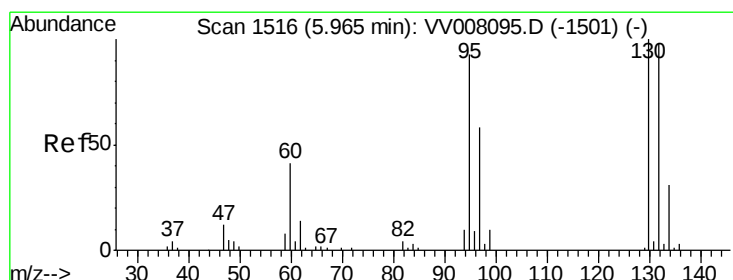
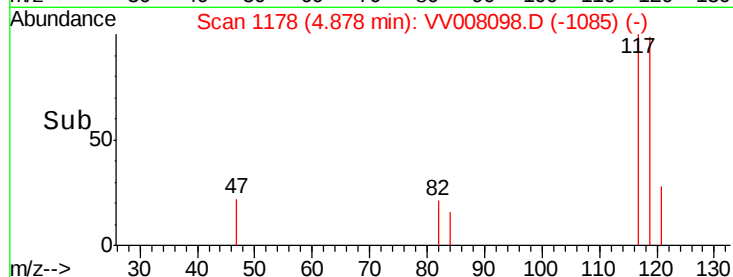
4.88

1000

500

0

Time-->



#34

Trichloroethene

Concen: 1.380 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

Tgt Ion: 95 Resp: 10759

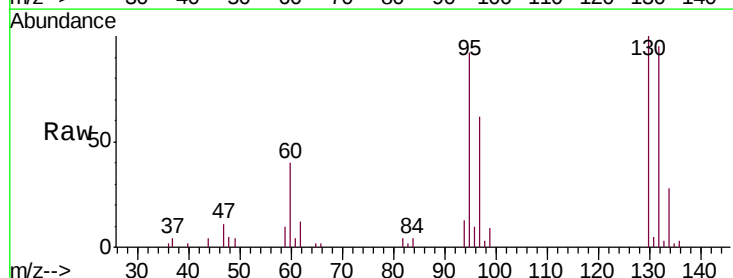
Ion Ratio Lower Upper

95 100

97 67.5 44.9 83.5

132 102.7 73.6 136.6

130 108.6 76.2 141.6



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

8000

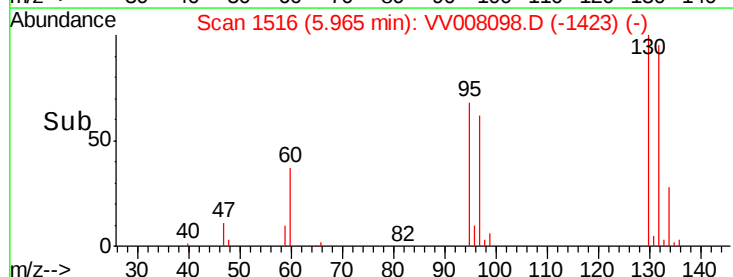
6000

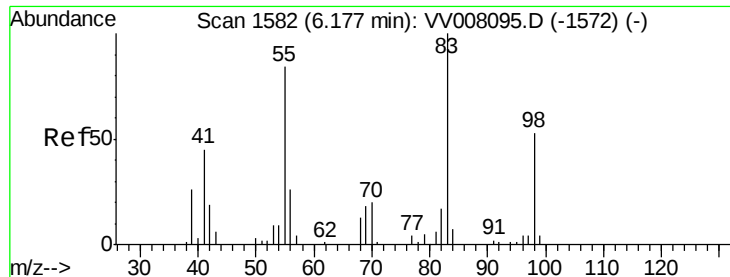
4000

2000

0

Time-->

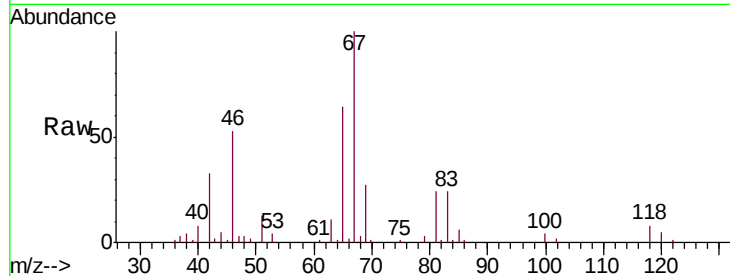




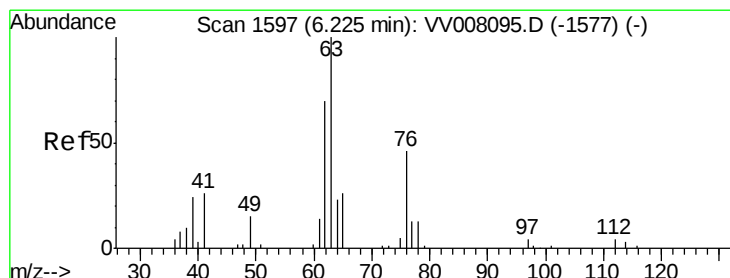
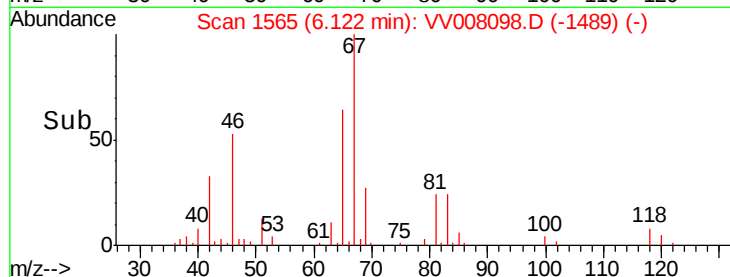
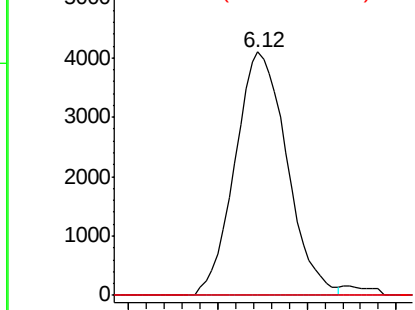
#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008098.D
Acq: 05 Oct 2018 15:15

Instrument :
MSVOA_V
ClientSampleId :
C0J79RE

Tgt Ion: 83 Resp: 8323
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 1.9 38.3 57.5#

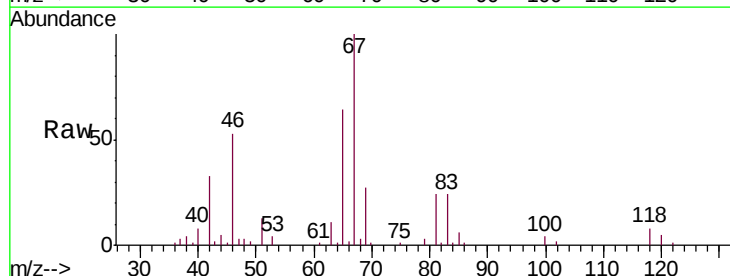


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

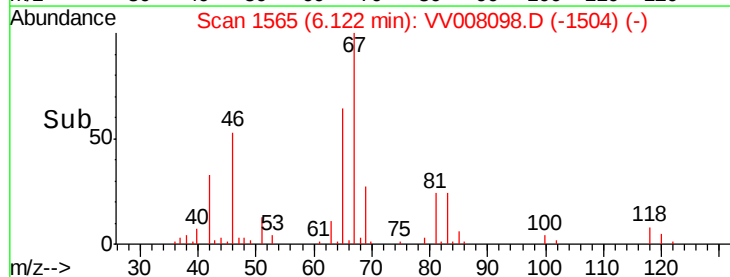
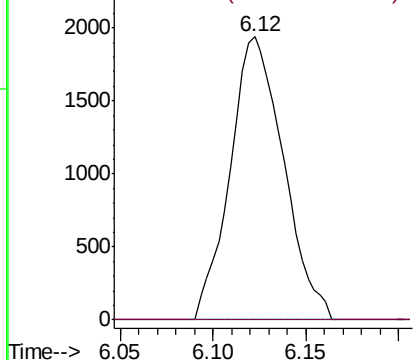


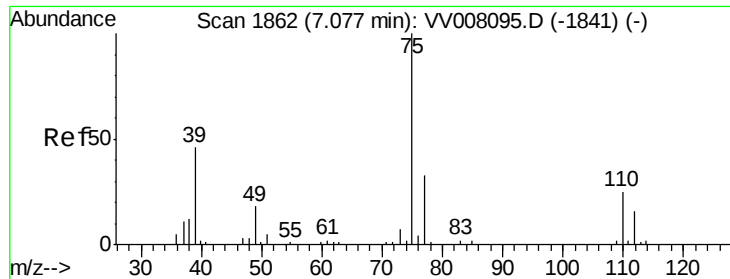
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008098.D
Acq: 05 Oct 2018 15:15

Tgt Ion: 63 Resp: 3877
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

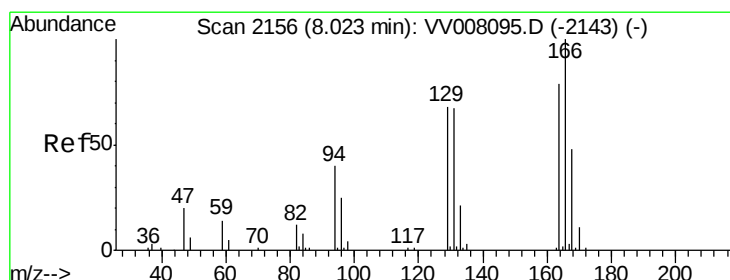
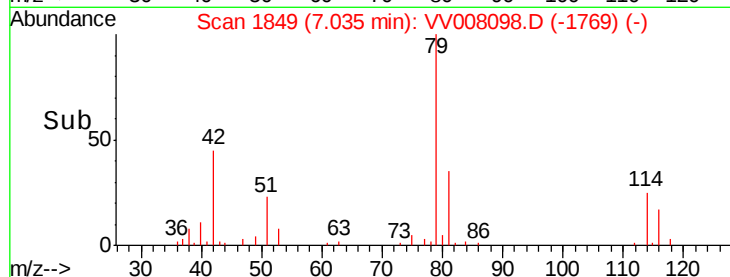
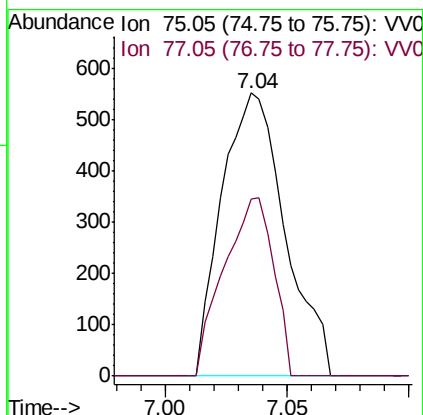
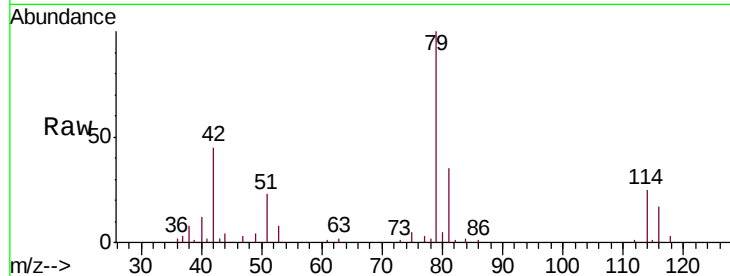




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008098.D
 Acq: 05 Oct 2018 15:15

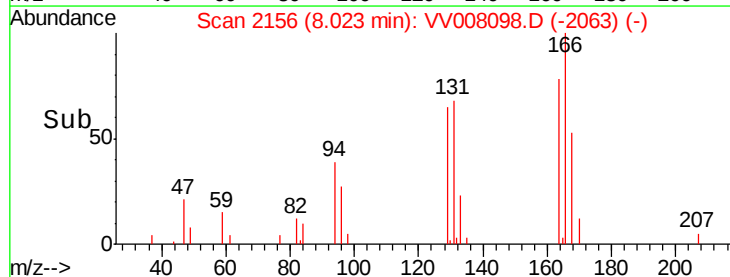
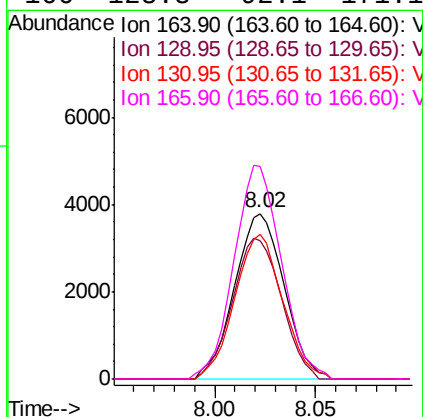
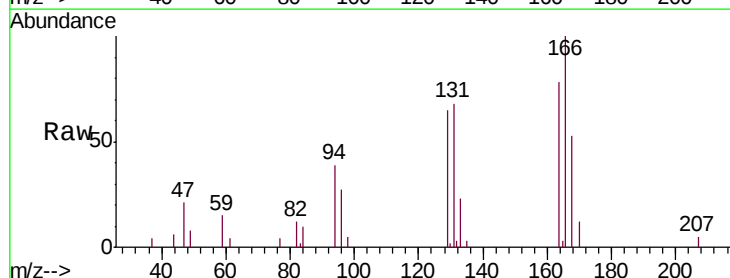
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J79RE

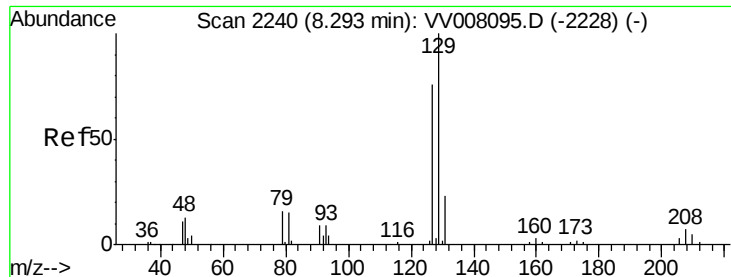
Tgt Ion: 75 Resp: 995
 Ion Ratio Lower Upper
 75 100
 77 62.7 22.1 41.1#



#47
 Tetrachloroethene
 Concen: 0.938 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: VV008098.D
 Acq: 05 Oct 2018 15:15

Tgt Ion: 164 Resp: 6528
 Ion Ratio Lower Upper
 164 100
 129 83.3 62.2 115.4
 131 87.8 60.5 112.5
 166 128.8 92.1 171.1





#49

Dibromochloromethane

Concen: 0.840 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

Instrument :

MSVOA_V

ClientSampleId :

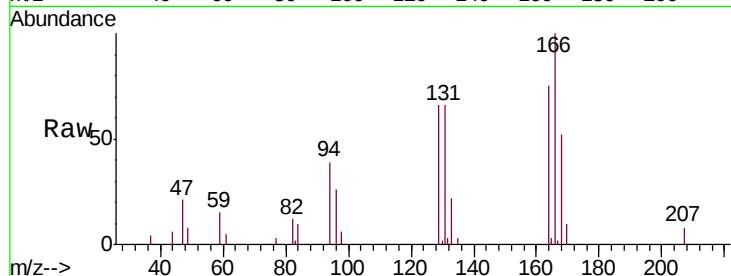
C0J79RE

Tgt Ion:129 Resp: 5295

Ion Ratio Lower Upper

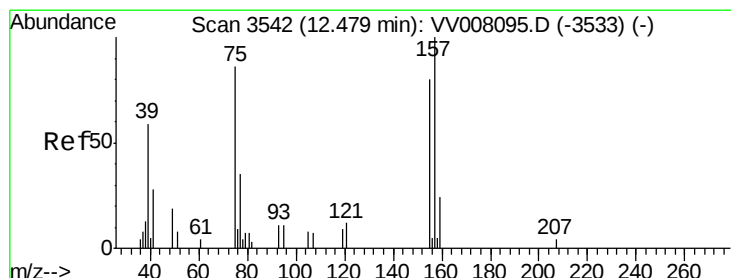
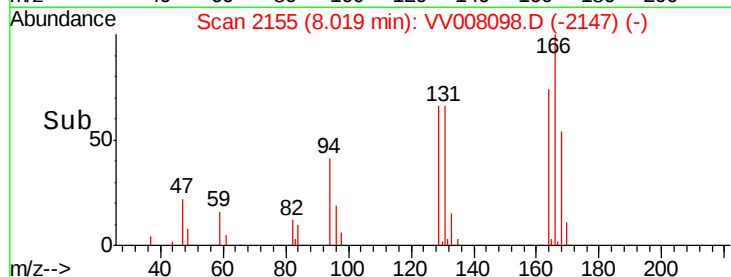
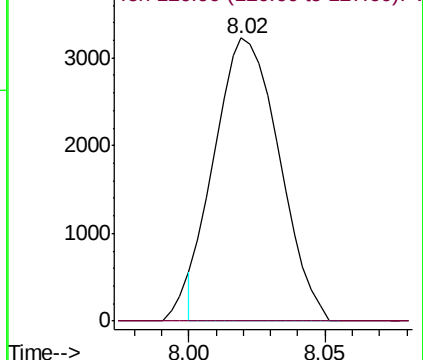
129 100

127 0.0 54.5 101.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.130 ug/L

RT: 12.31 min Scan# 3488

Delta R.T. -0.17 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

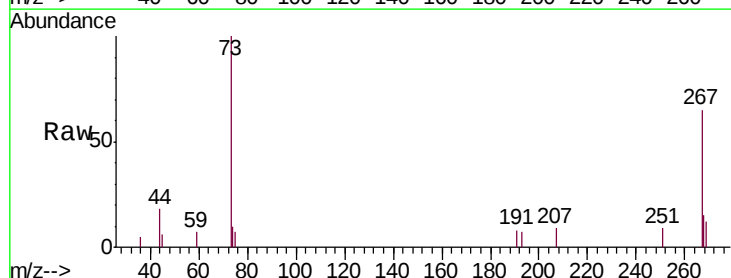
Tgt Ion: 75 Resp: 98

Ion Ratio Lower Upper

75 100

155 0.0 74.7 112.1#

157 0.0 93.1 139.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

