

Data File : VV008078.D
Acq On : 04 Oct 2018 22:52
Operator : SY/MD
Sample : J5246-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J80

Quant Time: Oct 05 05:58:59 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	77883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36561	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17274	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.59	69	16805	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.14	63	28179	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.97	46	68585	54.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.22%
24) Chloroform-d	4.41	84	48235	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	25191	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	86921	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	29554	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	77716	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.67	79	8913	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	46571	47.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21672	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	34629	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

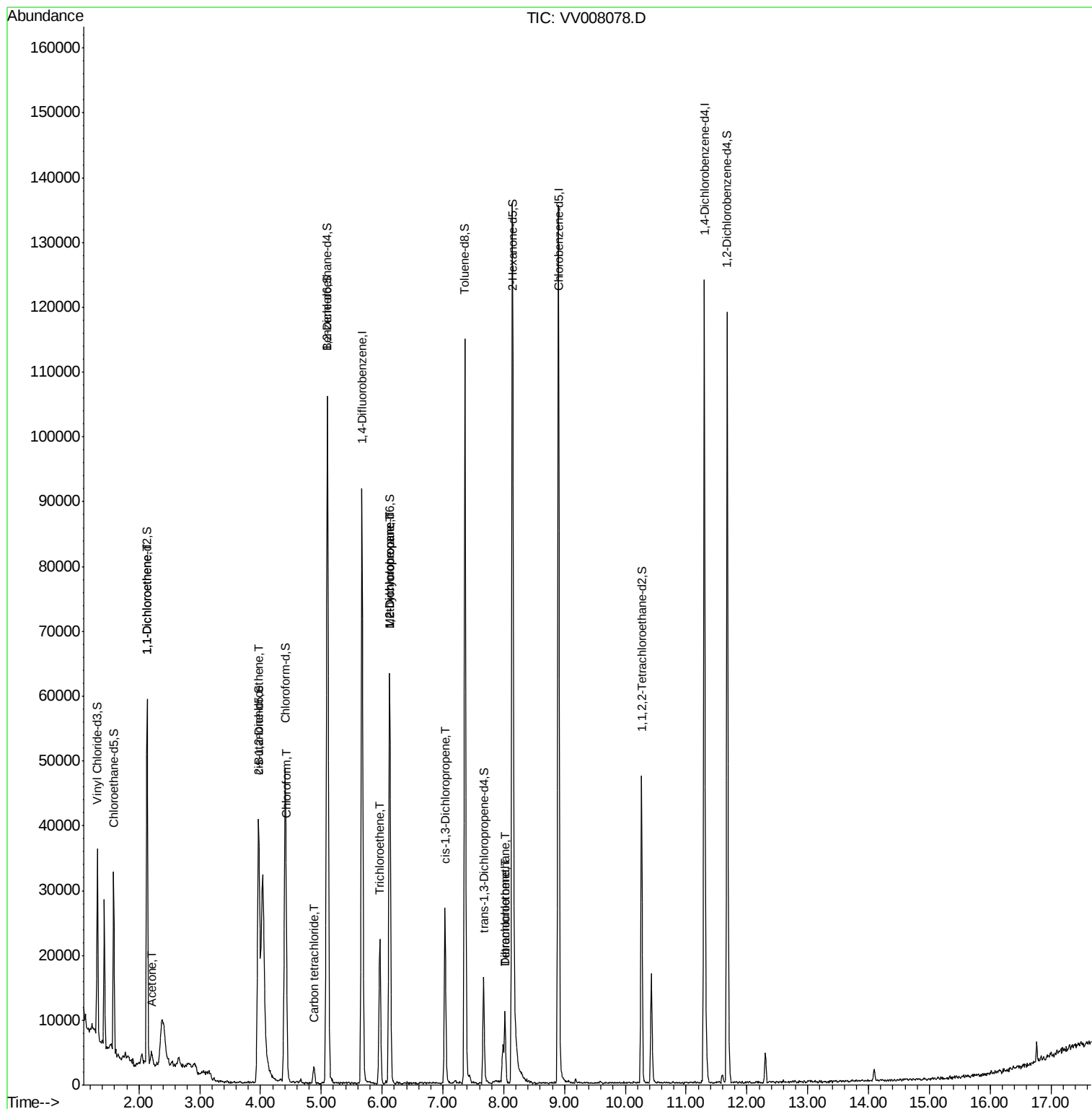
					Qvalue	
12) 1,1-Dichloroethene	2.14	96	569	0.111	ug/L #	1
13) Acetone	2.22	43	2257	2.467	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	1596	0.278	ug/L	95
25) Chloroform	4.43	83	1896	0.181	ug/L	88
31) Carbon tetrachloride	4.88	117	1741	0.217	ug/L	86
34) Trichloroethene	5.96	95	7123	1.147	ug/L	99
35) Methylcyclohexane	6.12	83	7194	0.773	ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3365	0.608	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	759	0.102	ug/L #	71
47) Tetrachloroethene	8.02	164	2444	0.425	ug/L	94
49) Dibromochloromethane	8.03	129	2175	0.477	ug/L #	12

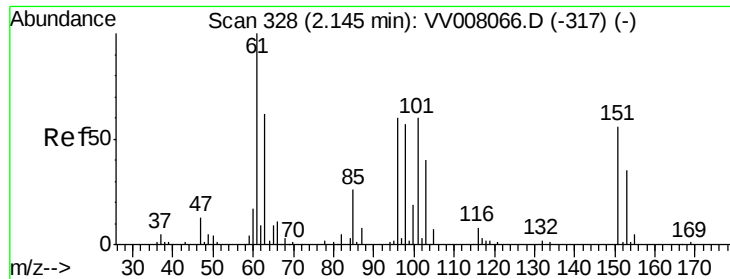
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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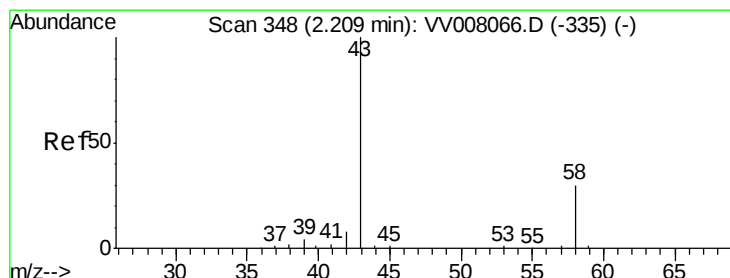
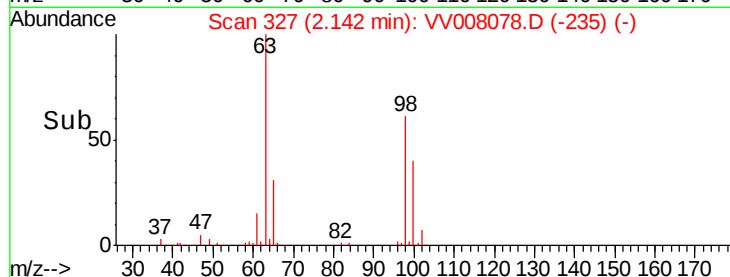
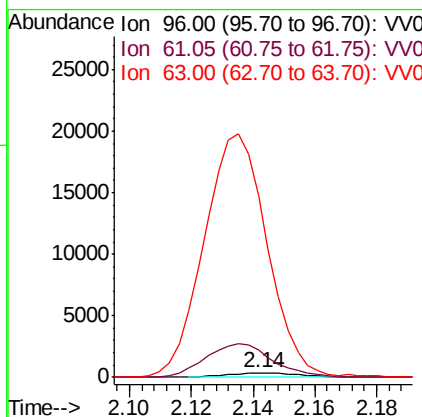
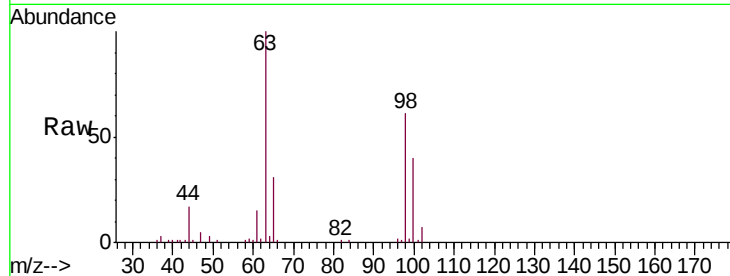




#12
 1,1-Dichloroethene
 Concen: 0.111 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VV008078.D
 Acq: 04 Oct 2018 22:52

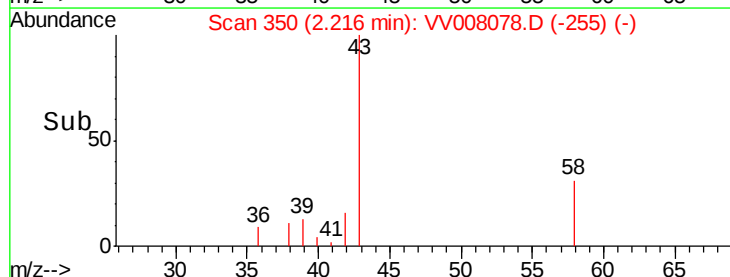
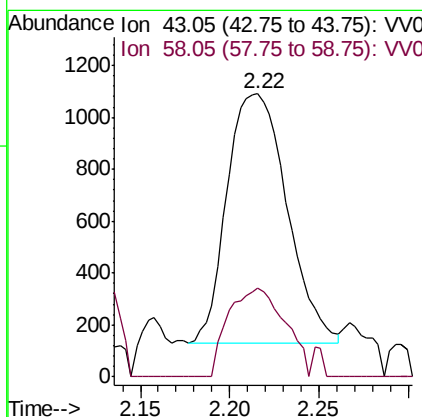
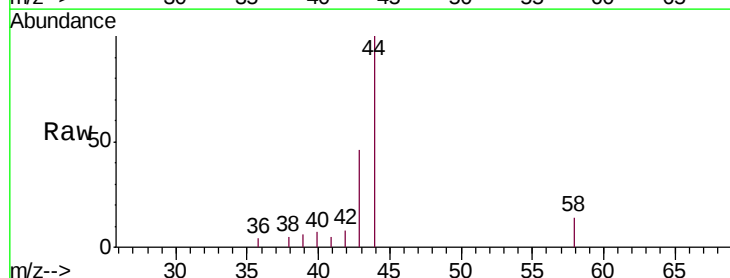
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J80

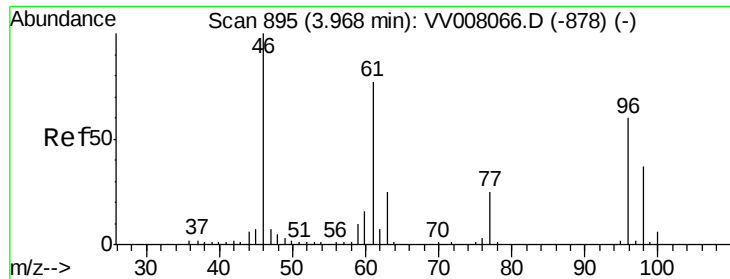
Tgt Ion: 96 Resp: 569
 Ion Ratio Lower Upper
 96 100
 61 608.6 114.1 211.9#
 63 4063.7 81.5 151.3#



#13
 Acetone
 Concen: 2.467 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VV008078.D
 Acq: 04 Oct 2018 22:52

Tgt Ion: 43 Resp: 2257
 Ion Ratio Lower Upper
 43 100
 58 33.5 0.0 62.0



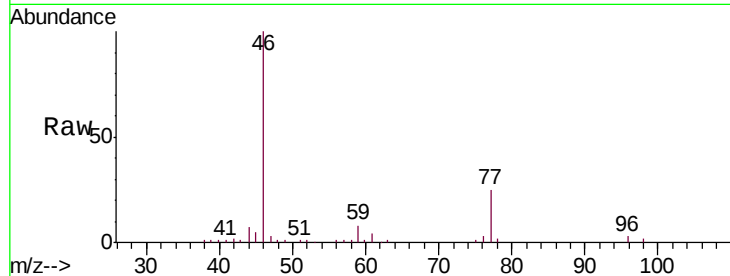


#22

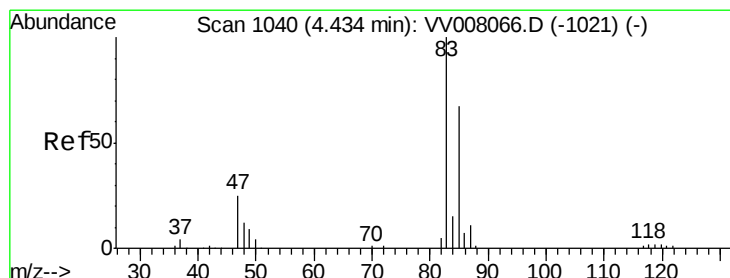
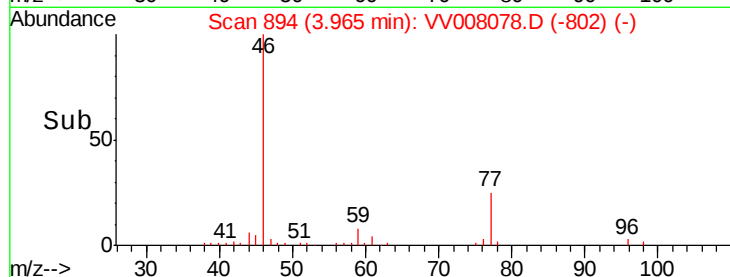
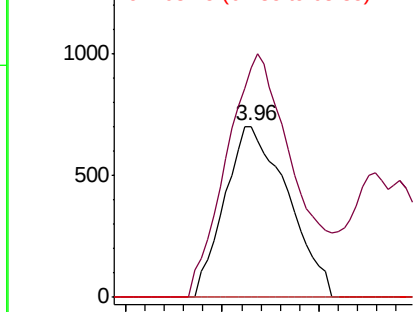
cis-1,2-Dichloroethene
Concen: 0.278 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008078.D
Acq: 04 Oct 2018 22:52

Instrument :
MSVOA_V
ClientSampled :
C0J80

Tgt Ion: 96 Resp: 1596
Ion Ratio Lower Upper
96 100
61 133.9 89.5 166.1
68 0.0 0.0 0.0



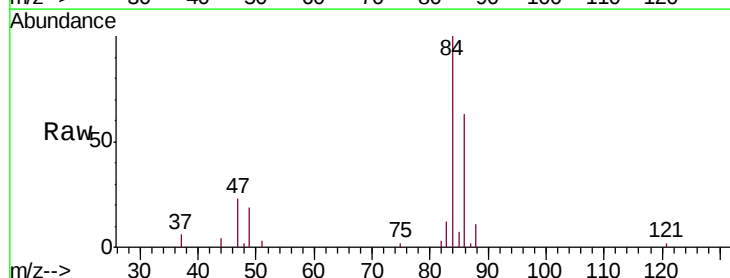
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



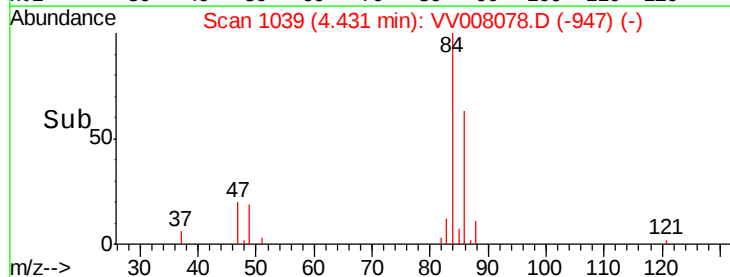
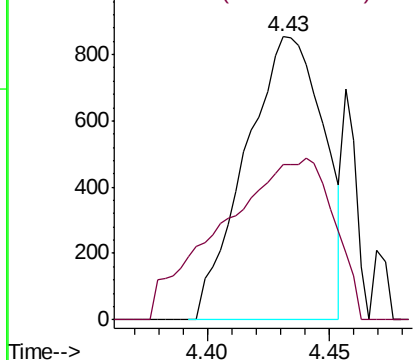
#25

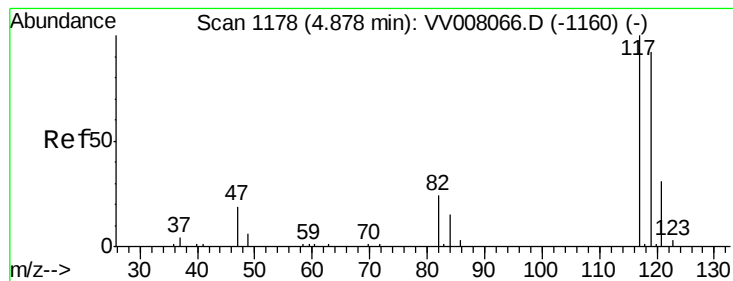
Chloroform
Concen: 0.181 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008078.D
Acq: 04 Oct 2018 22:52

Tgt Ion: 83 Resp: 1896
Ion Ratio Lower Upper
83 100
85 55.0 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: 0.217 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008078.D

Acq: 04 Oct 2018 22:52

Instrument :

MSVOA_V

ClientSampleId :

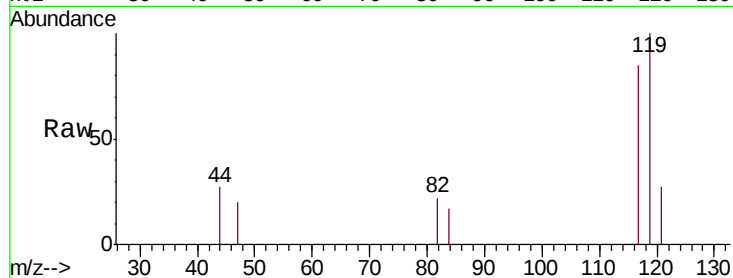
C0J80

Tgt Ion: 117 Resp: 1741

Ion Ratio Lower Upper

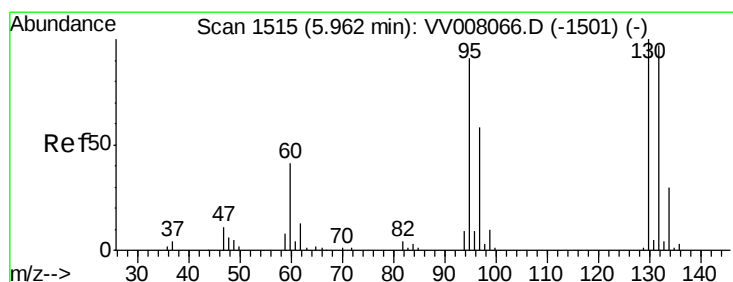
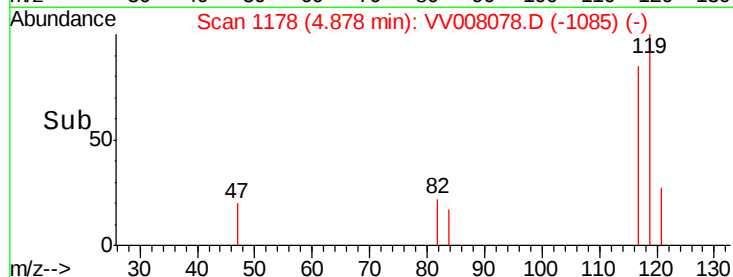
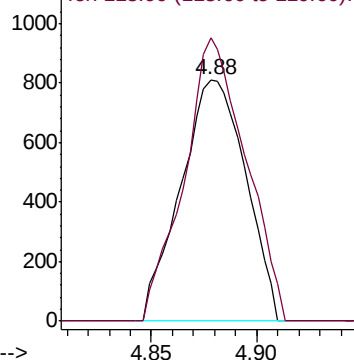
117 100

119 111.2 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: 1.147 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008078.D

Acq: 04 Oct 2018 22:52

Tgt Ion: 95 Resp: 7123

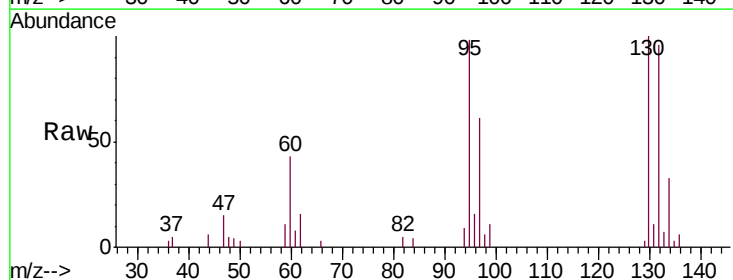
Ion Ratio Lower Upper

95 100

97 62.4 43.6 81.0

132 97.9 69.9 129.9

130 102.1 71.7 133.3

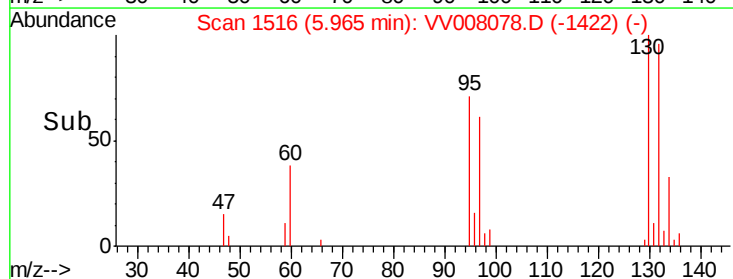
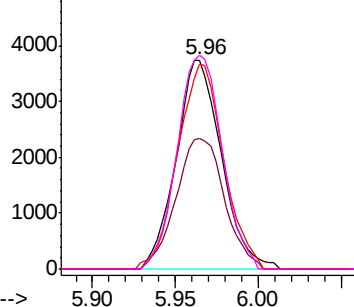


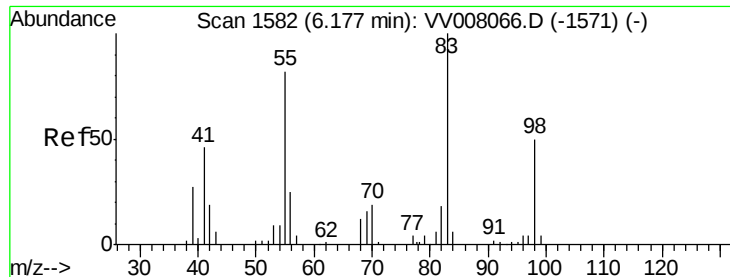
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

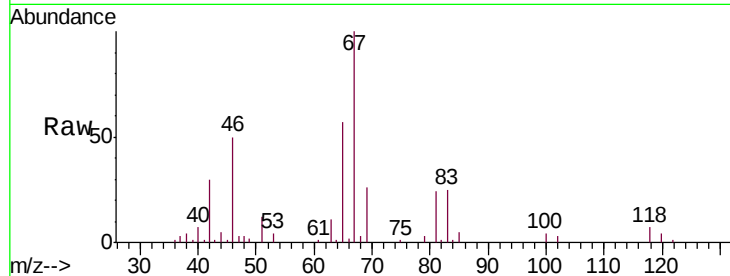




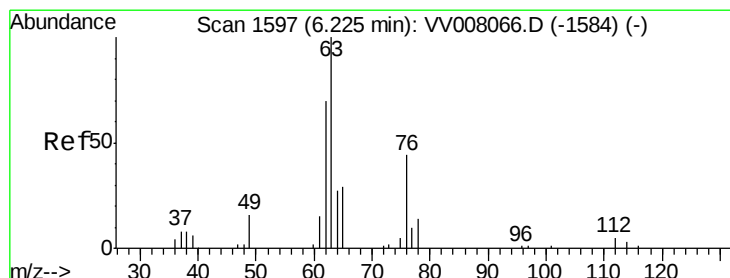
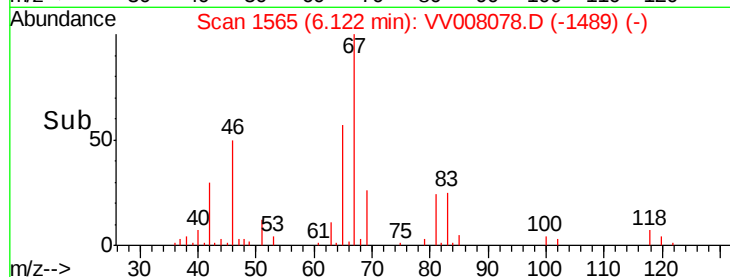
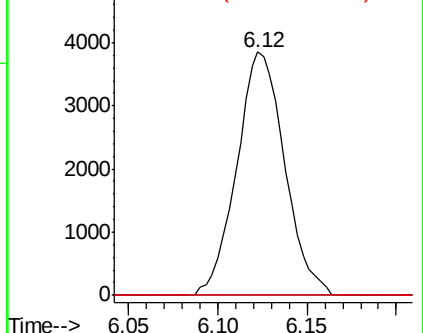
#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008078.D
Acq: 04 Oct 2018 22:52

Instrument :
MSVOA_V
ClientSampleId :
C0J80

Tgt Ion: 83 Resp: 7194
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 7.5 38.0 57.0#

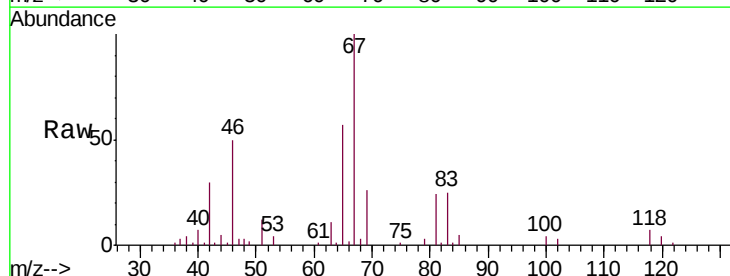


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

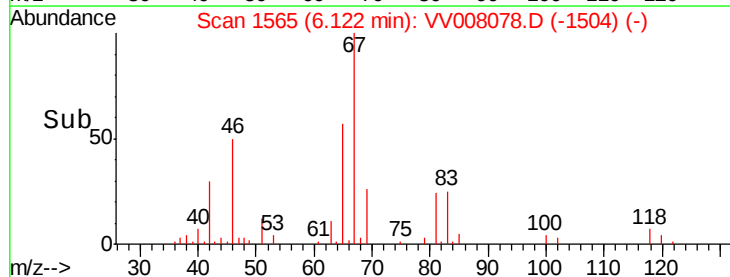
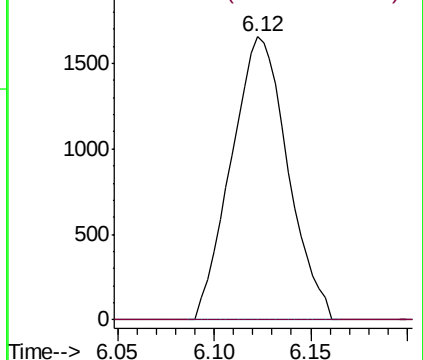


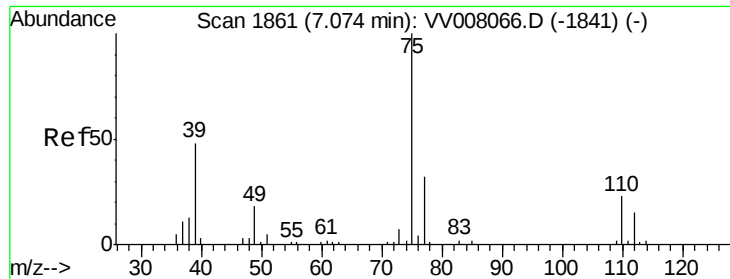
#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008078.D
Acq: 04 Oct 2018 22:52

Tgt Ion: 63 Resp: 3365
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

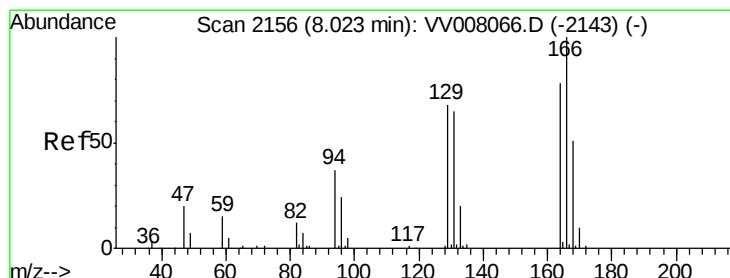
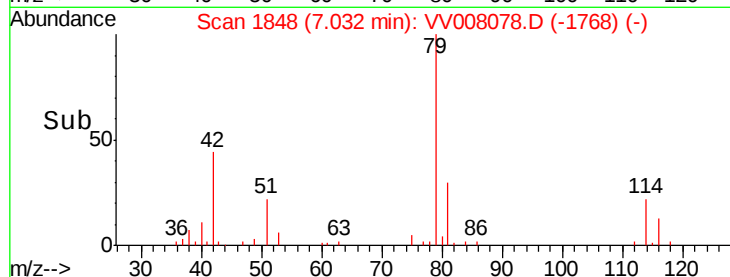
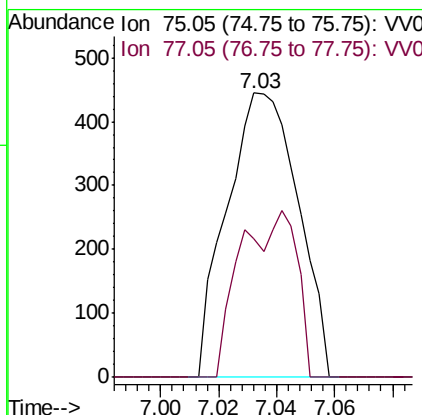
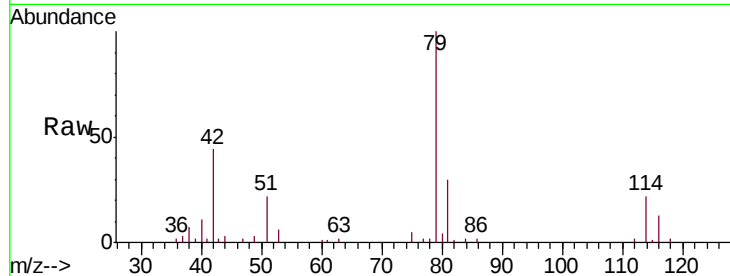




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008078.D
 Acq: 04 Oct 2018 22:52

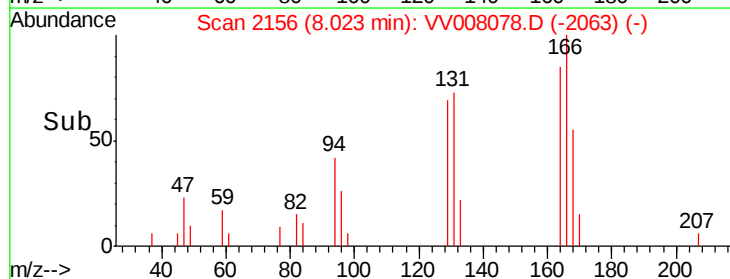
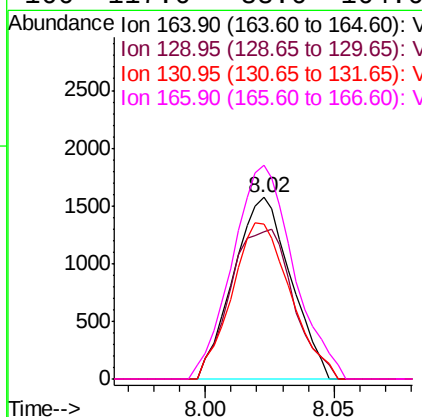
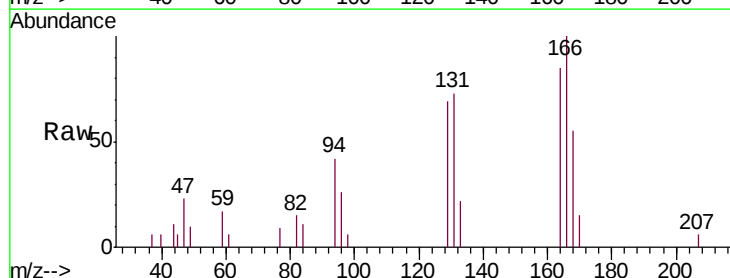
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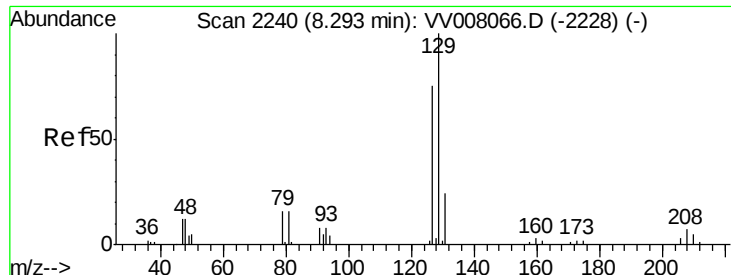
Tgt Ion: 75 Resp: 759
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.9 42.5#



#47
 Tetrachloroethene
 Concen: 0.425 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: VV008078.D
 Acq: 04 Oct 2018 22:52

Tgt Ion: 164 Resp: 2444
 Ion Ratio Lower Upper
 164 100
 129 81.1 59.2 110.0
 131 85.6 57.1 106.1
 166 117.6 88.6 164.6





#49

Dibromochloromethane

Concen: 0.477 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. -0.27 min

Lab File: VV008078.D

Acq: 04 Oct 2018 22:52

Instrument :

MSVOA_V

ClientSampleId :

C0J80

Tgt Ion:129 Resp: 2175

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#

