

Data File : VV008060.D
Acq On : 04 Oct 2018 14:07
Operator : SY/MD
Sample : J5246-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J70

Quant Time: Oct 05 05:21:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	97489	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18816	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.59	69	18346	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.14	63	31952	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	3.96	46	73714	46.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.78%
24) Chloroform-d	4.41	84	51539	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.09	65	27770	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.10	84	96765	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.13	67	32168	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	87529	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.67	79	10365	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.14	63	48673	41.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23559	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	38272	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

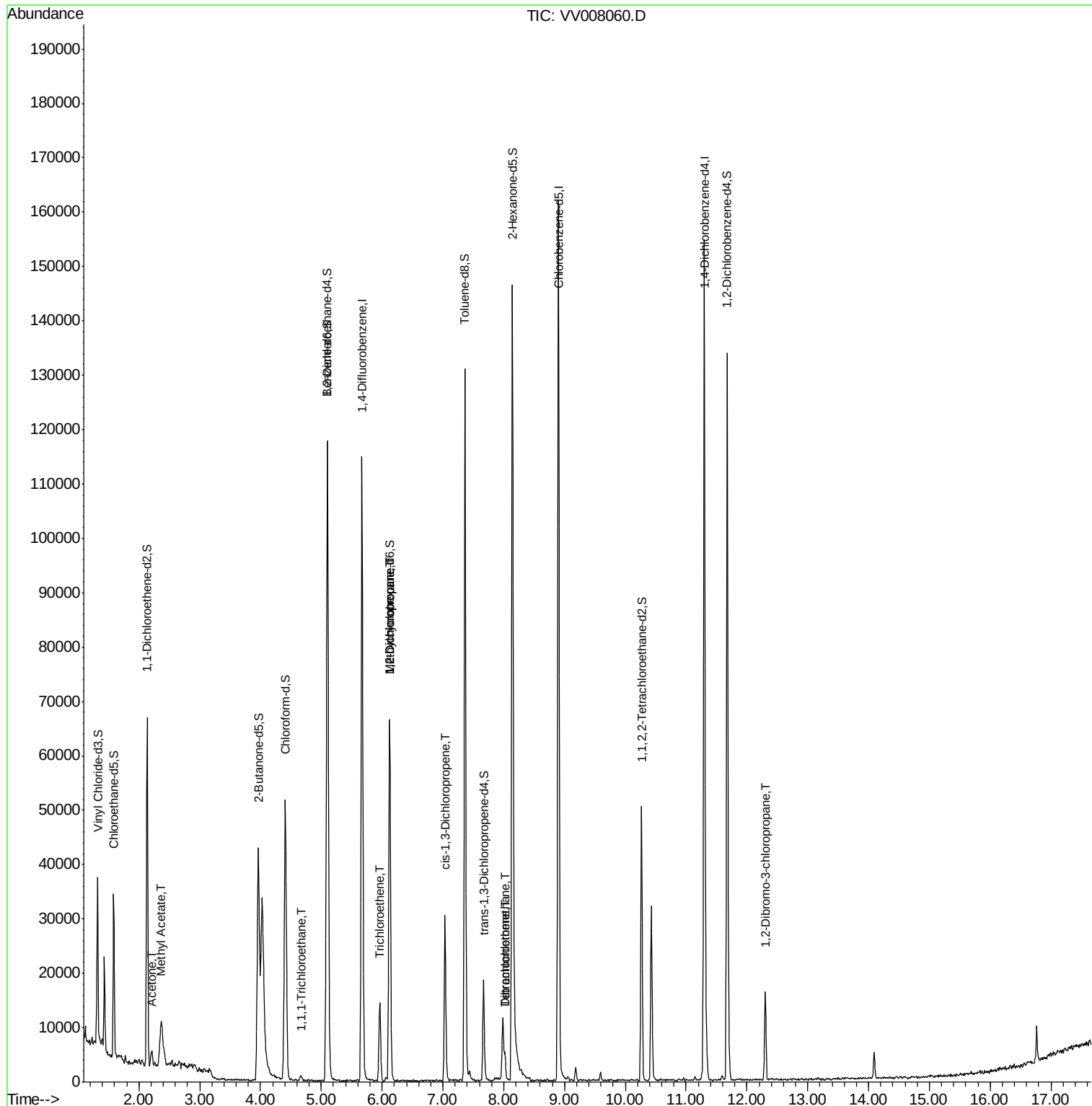
						Qvalue
13) Acetone	2.21	43	2863	2.500	ug/L	98
15) Methyl Acetate	2.37	43	4355	1.487	ug/L #	51
29) 1,1,1-Trichloroethane	4.66	97	825	0.075	ug/L #	77
34) Trichloroethene	5.96	95	4471	0.595	ug/L	96
35) Methylcyclohexane	6.13	83	7706	0.684	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3643	0.544	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	916	0.102	ug/L	85
47) Tetrachloroethene	8.02	164	1178	0.169	ug/L	94
49) Dibromochloromethane	8.02	129	940	0.170	ug/L #	12
66) 1,2-Dibromo-3-chloropropan	12.30	75	534	0.739	ug/L #	1

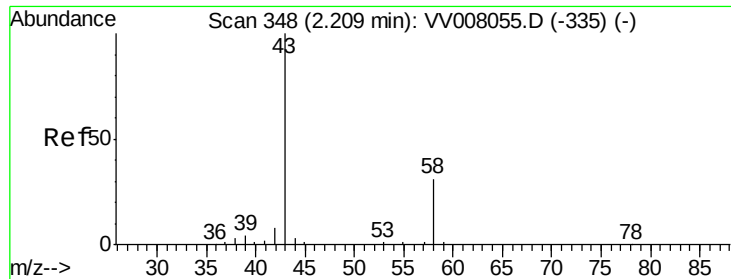
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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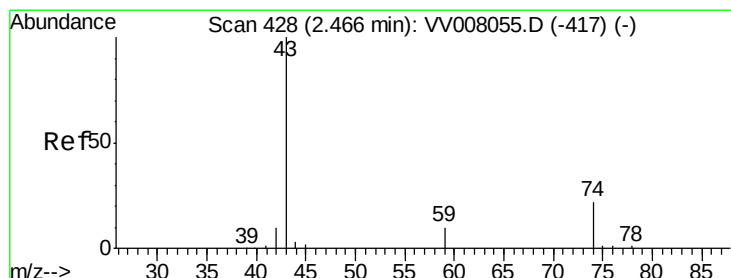
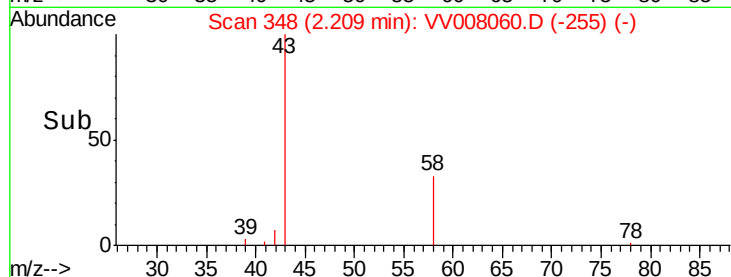
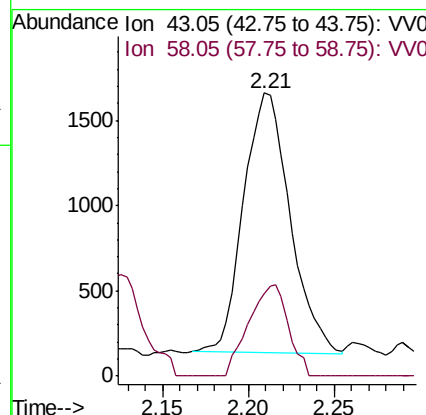
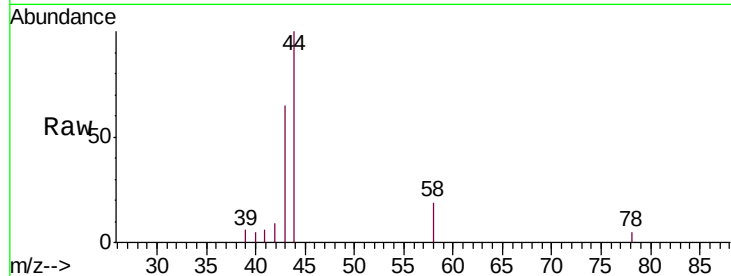




#13
Acetone
Concen: 2.500 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.00 min
Lab File: VV008060.D
Acq: 04 Oct 2018 14:07

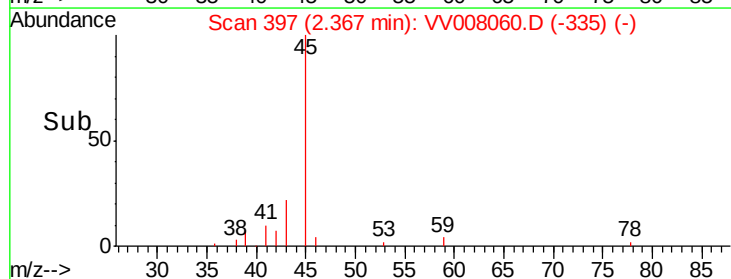
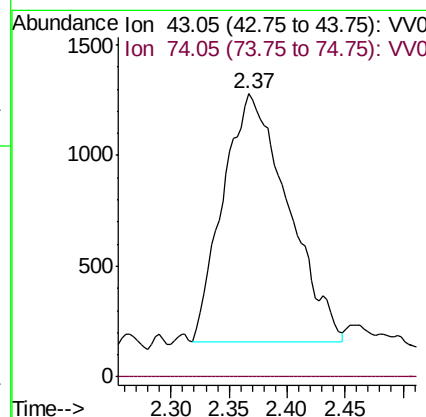
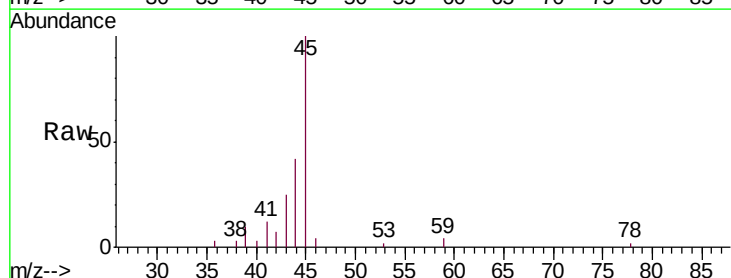
Instrument :
MSVOA_V
ClientSampleId :
C0J70

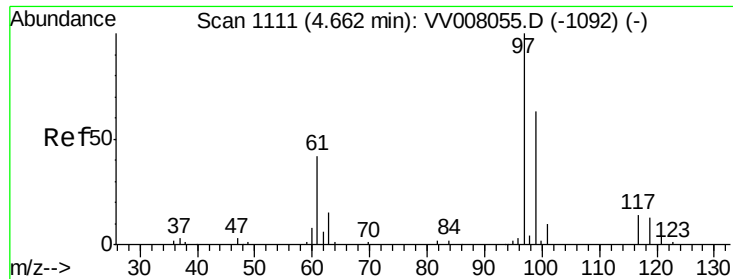
Tgt Ion: 43 Resp: 2863
Ion Ratio Lower Upper
43 100
58 29.8 0.0 62.0



#15
Methyl Acetate
Concen: 1.487 ug/L
RT: 2.37 min Scan# 397
Delta R.T. -0.10 min
Lab File: VV008060.D
Acq: 04 Oct 2018 14:07

Tgt Ion: 43 Resp: 4355
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

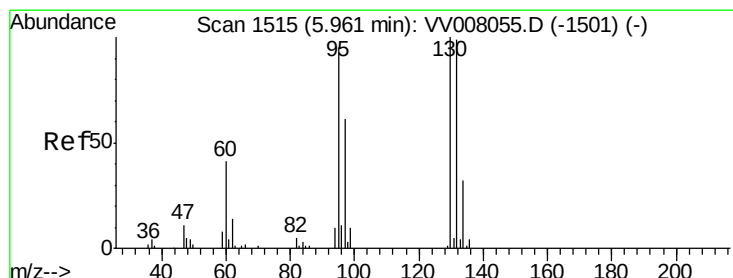
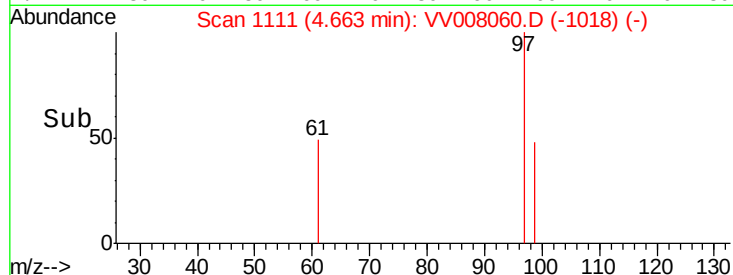
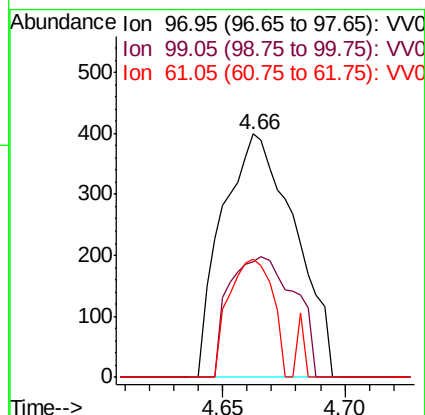
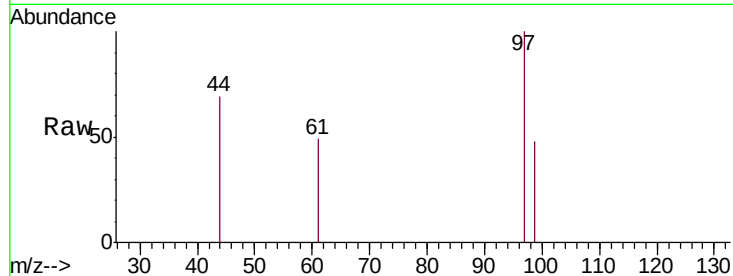




#29
 1,1,1-Trichloroethane
 Concen: 0.075 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV008060.D
 Acq: 04 Oct 2018 14:07

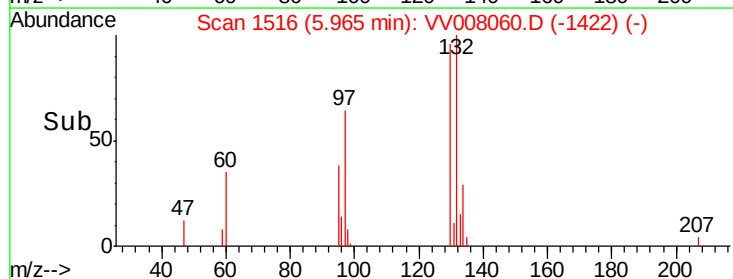
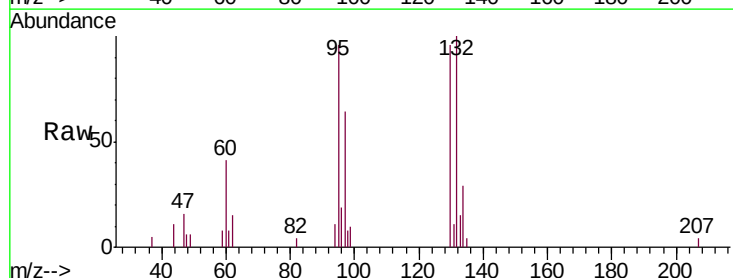
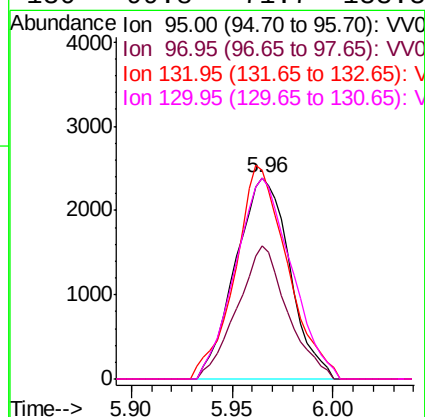
Instrument :
 MSVOA_V
 ClientSampled :
 C0J70

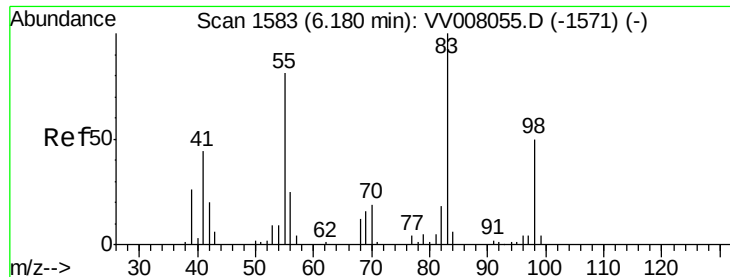
Tgt Ion: 97 Resp: 825
 Ion Ratio Lower Upper
 97 100
 99 45.0 51.2 76.8#
 61 29.2 34.6 52.0#



#34
 Trichloroethene
 Concen: 0.595 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008060.D
 Acq: 04 Oct 2018 14:07

Tgt Ion: 95 Resp: 4471
 Ion Ratio Lower Upper
 95 100
 97 66.2 43.6 81.0
 132 103.7 69.9 129.9
 130 99.8 71.7 133.3

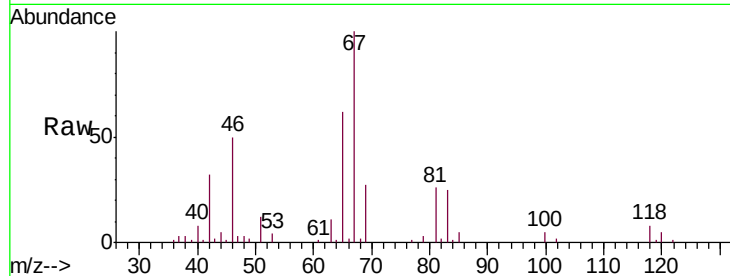




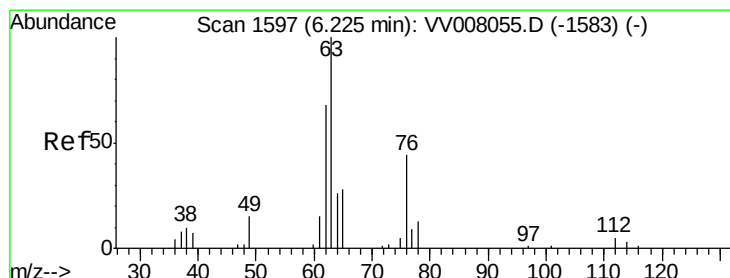
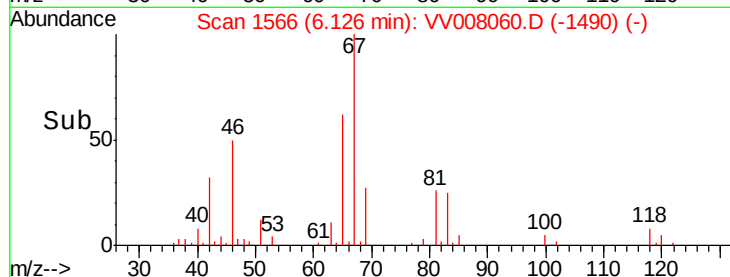
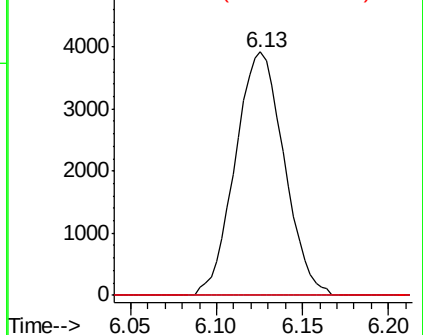
#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008060.D
Acq: 04 Oct 2018 14:07

Instrument :
MSVOA_V
ClientSampleId :
C0J70

Tgt Ion: 83 Resp: 7706
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 5.7 38.0 57.0#

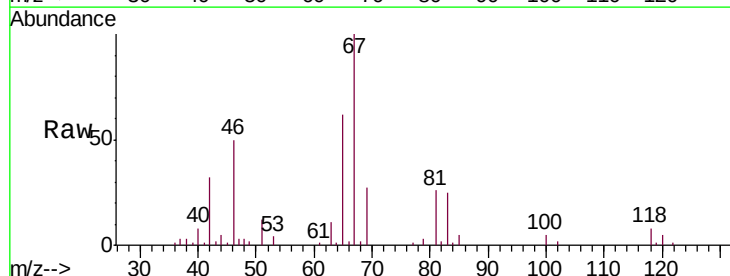


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

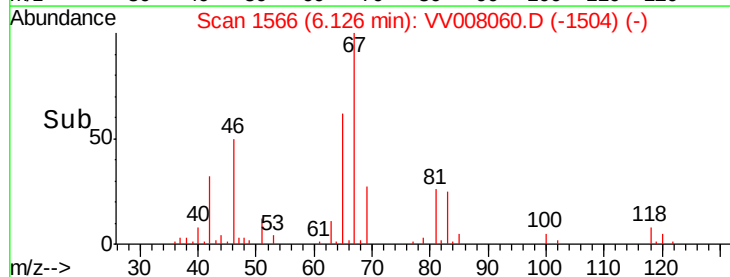
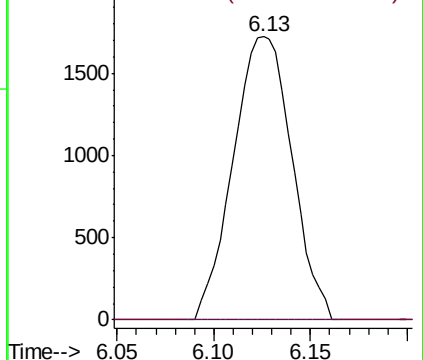


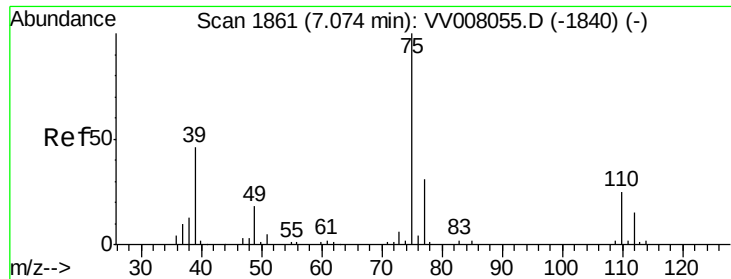
#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008060.D
Acq: 04 Oct 2018 14:07

Tgt Ion: 63 Resp: 3643
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

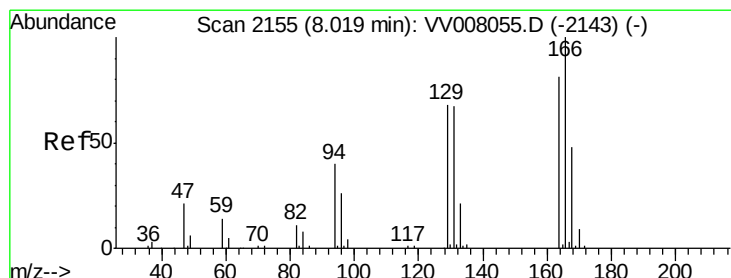
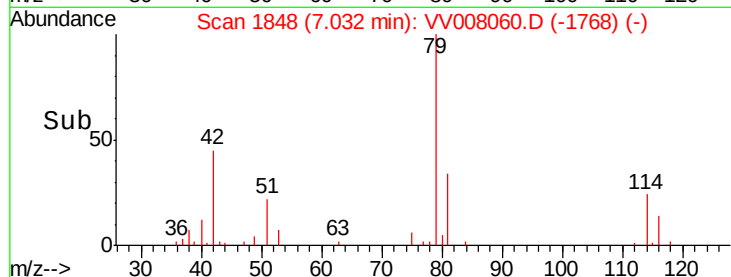
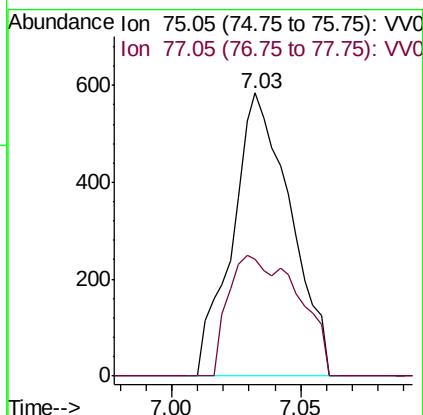
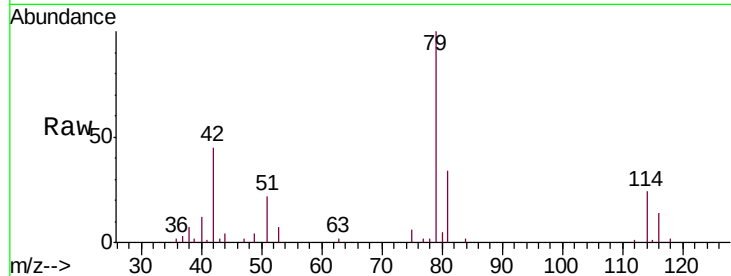




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008060.D
 Acq: 04 Oct 2018 14:07

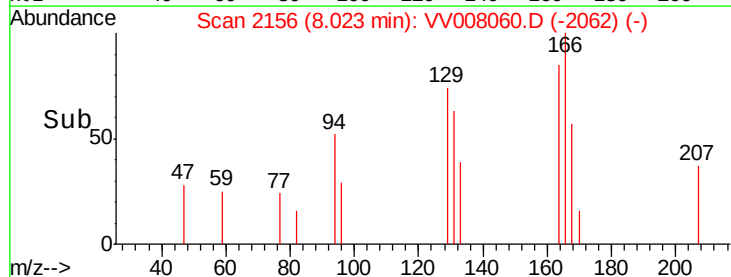
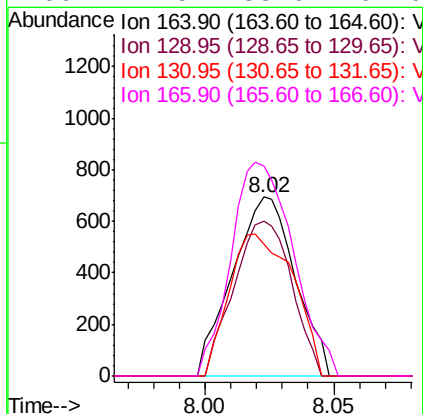
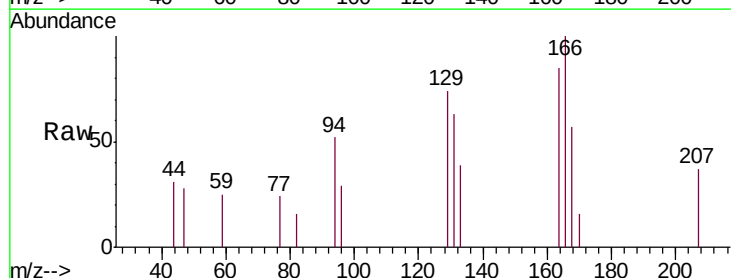
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J70

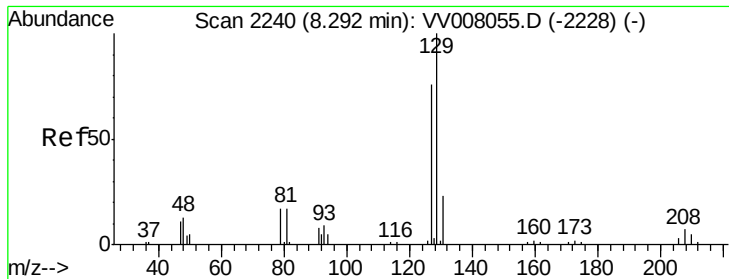
Tgt Ion: 75 Resp: 916
 Ion Ratio Lower Upper
 75 100
 77 41.1 22.9 42.5



#47
 Tetrachloroethene
 Concen: 0.169 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008060.D
 Acq: 04 Oct 2018 14:07

Tgt Ion: 164 Resp: 1178
 Ion Ratio Lower Upper
 164 100
 129 86.4 59.2 110.0
 131 74.0 57.1 106.1
 166 117.5 88.6 164.6





#49

Dibromochloromethane

Concen: 0.170 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008060.D

Acq: 04 Oct 2018 14:07

Instrument :

MSVOA_V

ClientSampleId :

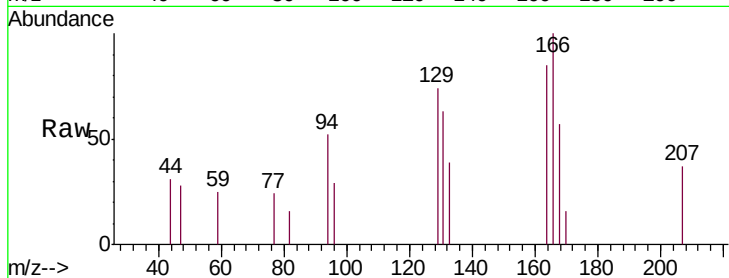
C0J70

Tgt Ion: 129 Resp: 940

Ion Ratio Lower Upper

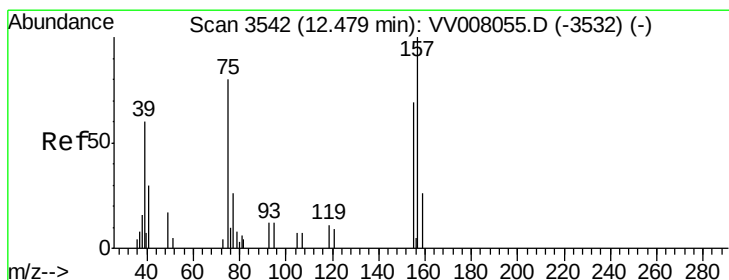
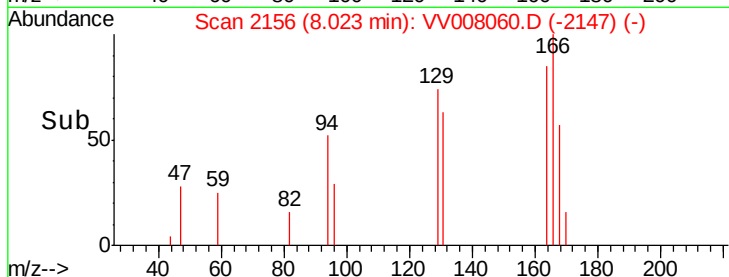
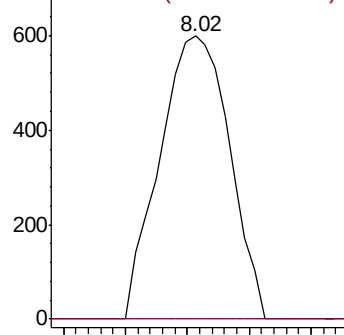
129 100

127 0.0 53.1 98.5#



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: 0.739 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV008060.D

Acq: 04 Oct 2018 14:07

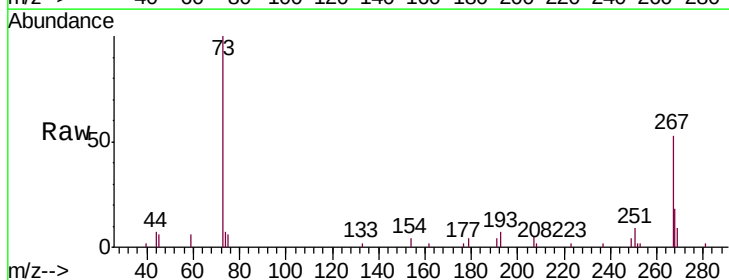
Tgt Ion: 75 Resp: 534

Ion Ratio Lower Upper

75 100

155 0.0 83.4 125.2#

157 0.0 93.9 140.9#



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

