

Data File : VV008239.D
Acq On : 10 Oct 2018 17:57
Operator : SY/MD
Sample : J5315-05 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J96

Quant Time: Oct 11 02:02:45 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	73323	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	70409	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29307	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16927	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	15467	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.13	63	25020	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.97	46	61916	57.18	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.36%
24) Chloroform-d	4.41	84	42189	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.09	65	22059	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	76503	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.12	67	26343	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	63464	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.67	79	8304	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.14	63	33231	41.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	18772	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	26386	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

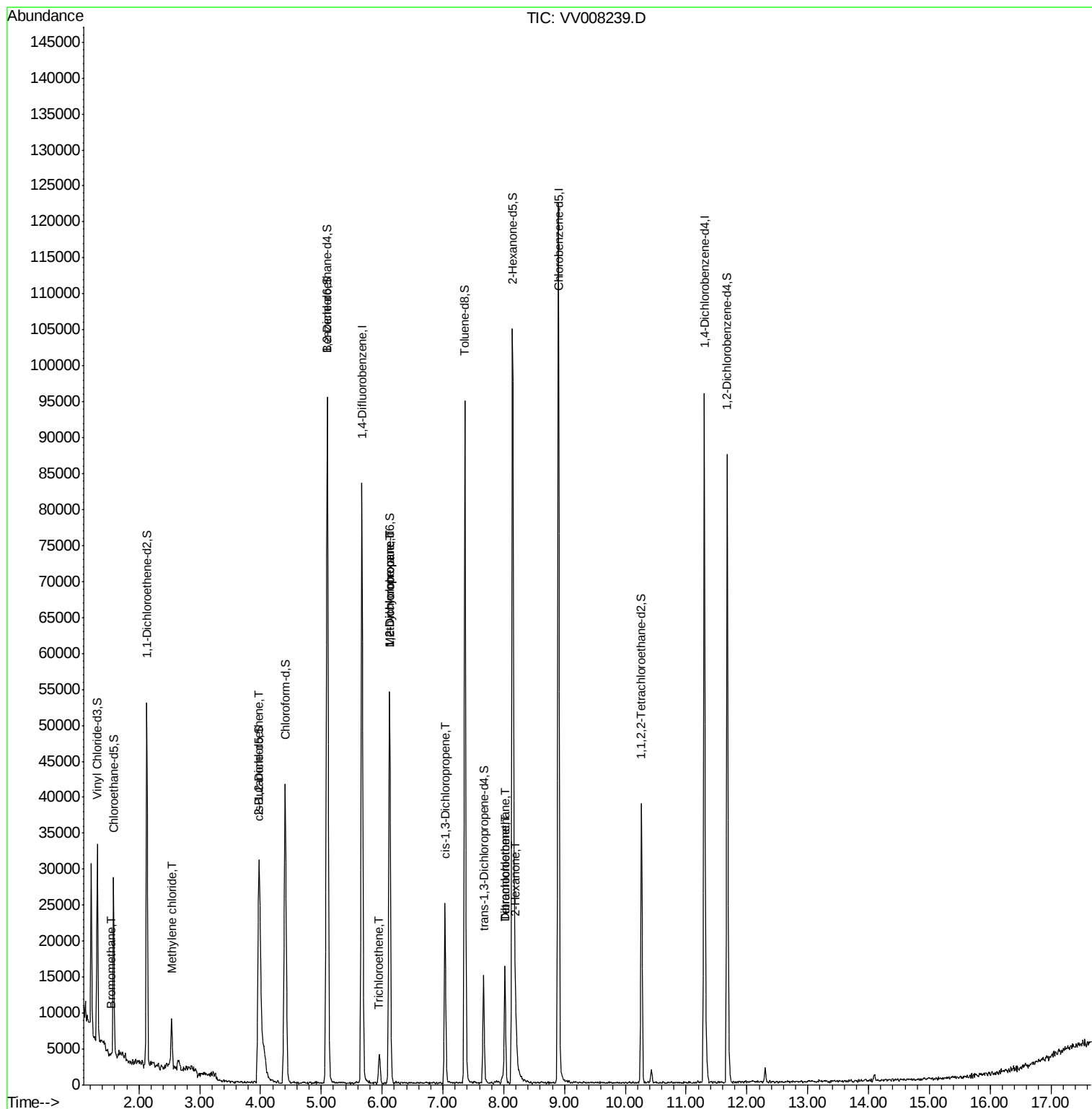
					Qvalue
6) Bromomethane	1.54	94	312	0.141 ug/L	80
16) Methylene chloride	2.54	84	2639	0.548 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	1062	0.217 ug/L	93
34) Trichloroethene	5.96	95	694	0.134 ug/L	83
35) Methylcyclohexane	6.12	83	6620	0.914 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	2869	0.599 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	519	0.084 ug/L #	51
47) Tetrachloroethene	8.02	164	3807	0.822 ug/L	92
48) 2-Hexanone	8.20	43	6185	3.353 ug/L #	86
49) Dibromochloromethane	8.02	129	3520	0.839 ug/L #	10

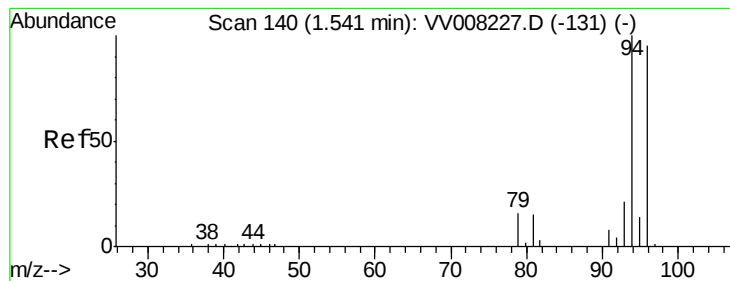
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.141 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV008239.D

Acq: 10 Oct 2018 17:57

Instrument :

MSVOA_V

ClientSampled :

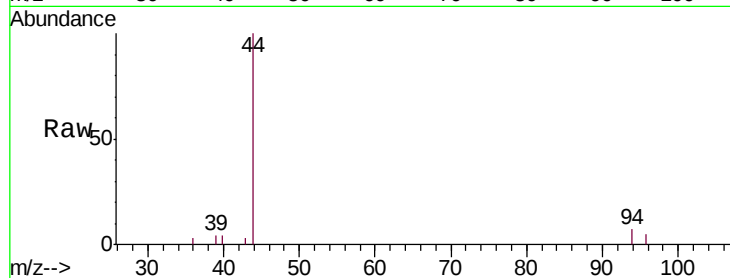
C0J96

Tgt Ion: 94 Resp: 312

Ion Ratio Lower Upper

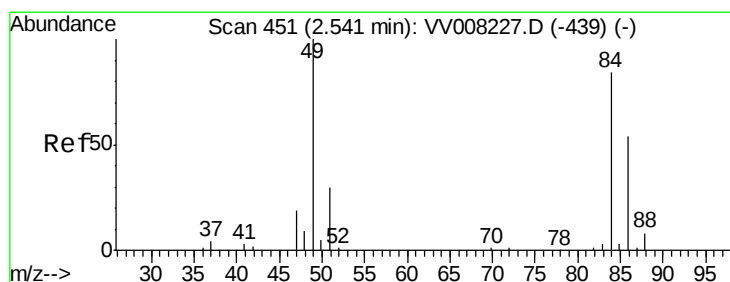
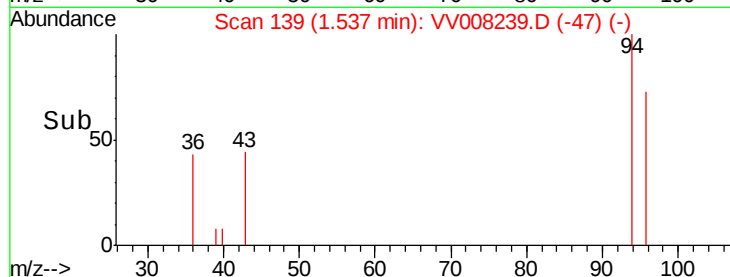
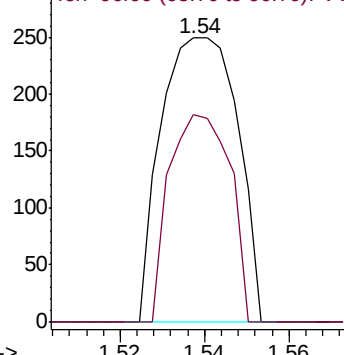
94 100

96 73.1 64.4 119.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#16

Methylene chloride

Concen: 0.548 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008239.D

Acq: 10 Oct 2018 17:57

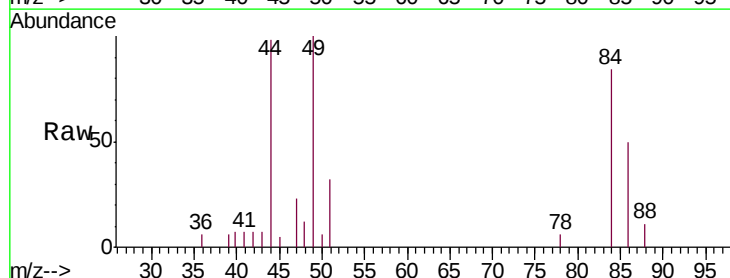
Tgt Ion: 84 Resp: 2639

Ion Ratio Lower Upper

84 100

86 60.3 45.3 84.1

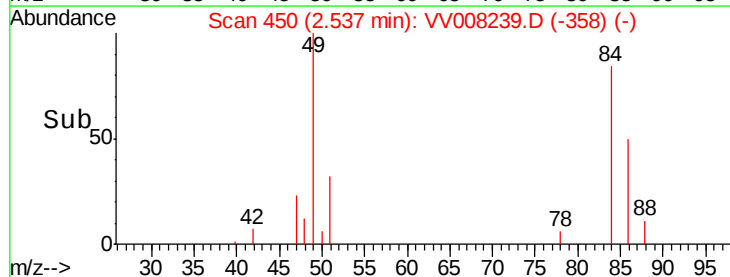
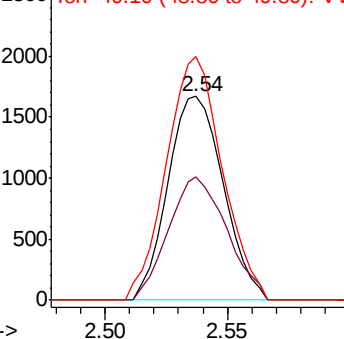
49 119.5 83.0 154.1

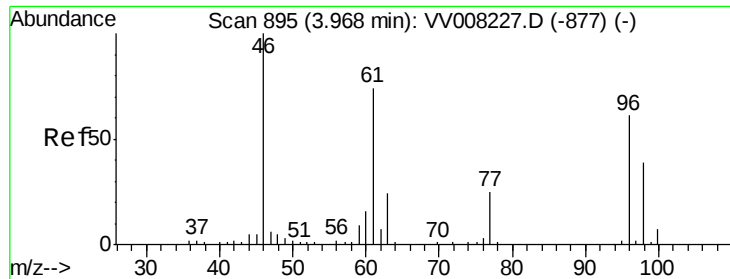


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



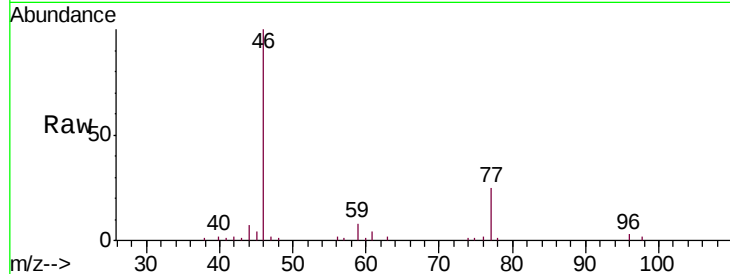


#22

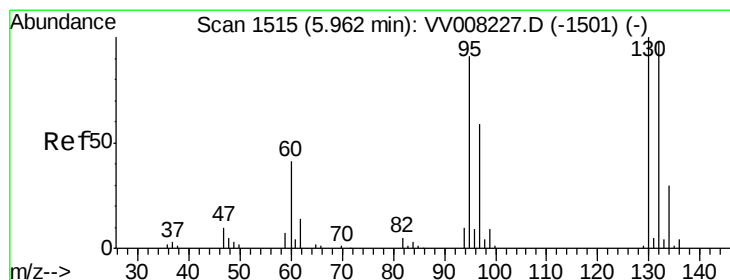
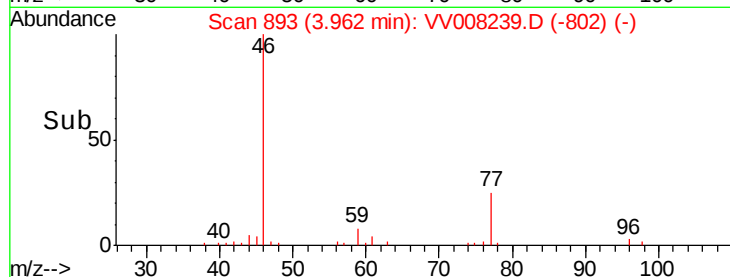
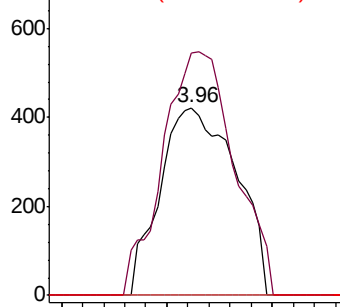
cis-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.01 min
Lab File: VV008239.D
Acq: 10 Oct 2018 17:57

Instrument :
MSVOA_V
ClientSampleId :
C0J96

Tgt Ion: 96 Resp: 1062
Ion Ratio Lower Upper
96 100
61 129.4 85.1 158.1
68 0.0 0.0 0.0



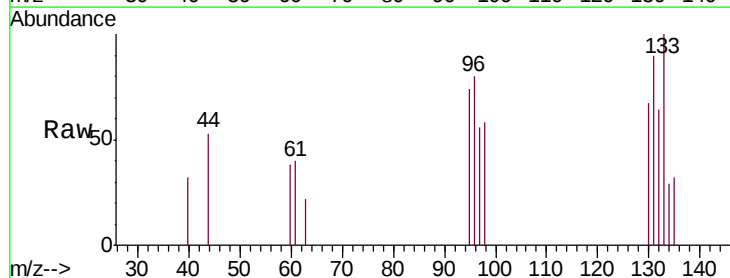
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



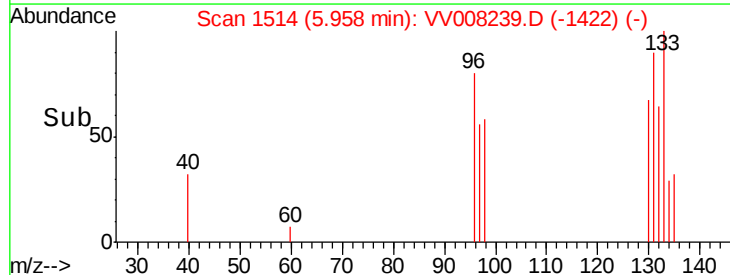
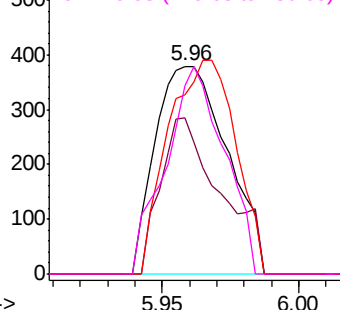
#34

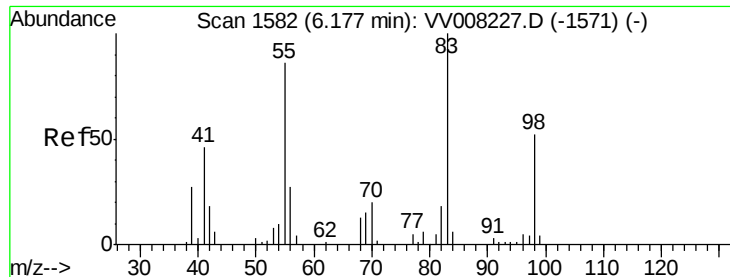
Trichloroethene
Concen: 0.134 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV008239.D
Acq: 10 Oct 2018 17:57

Tgt Ion: 95 Resp: 694
Ion Ratio Lower Upper
95 100
97 75.5 44.9 83.5
132 86.0 73.6 136.6
130 90.5 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): VV0
Ion 129.95 (129.65 to 130.65): VV0

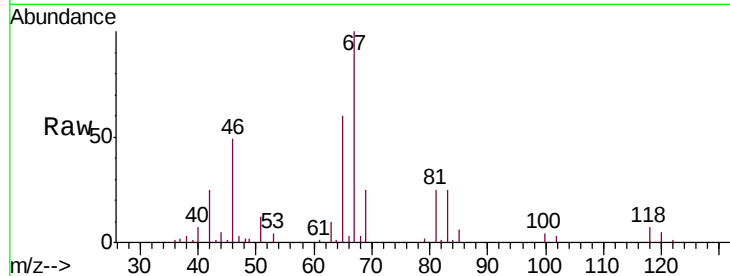




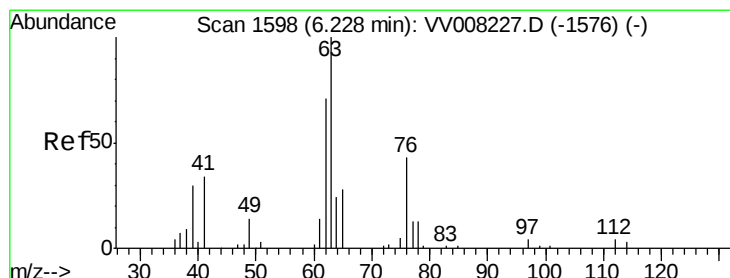
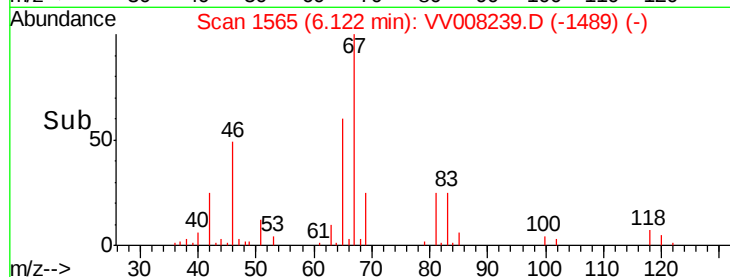
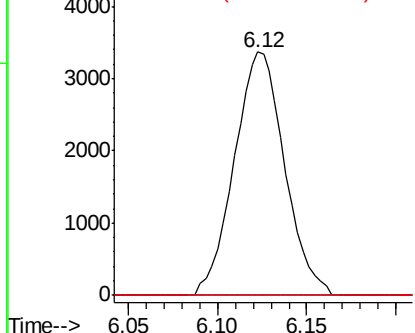
#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008239.D
Acq: 10 Oct 2018 17:57

Instrument :
MSVOA_V
ClientSampleId :
C0J96

Tgt Ion: 83 Resp: 6620
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.3 38.3 57.5#

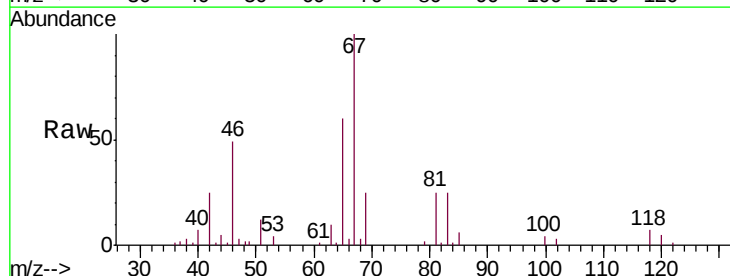


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

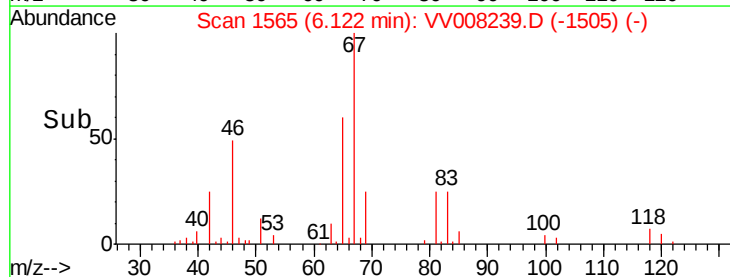
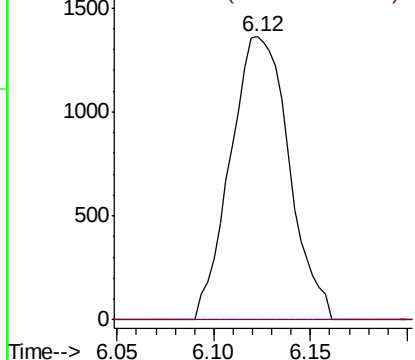


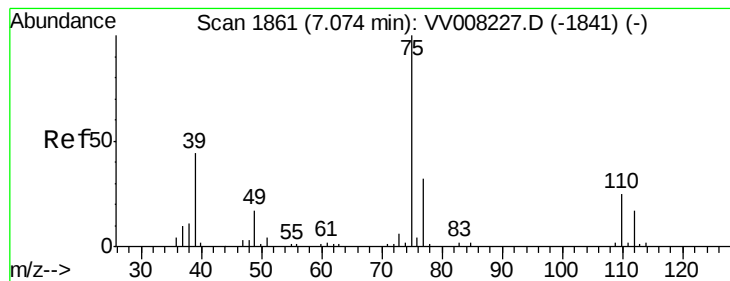
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV008239.D
Acq: 10 Oct 2018 17:57

Tgt Ion: 63 Resp: 2869
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



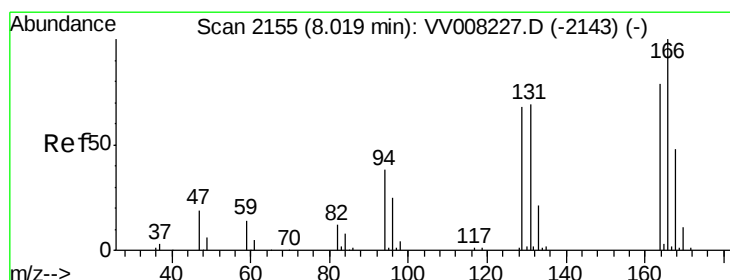
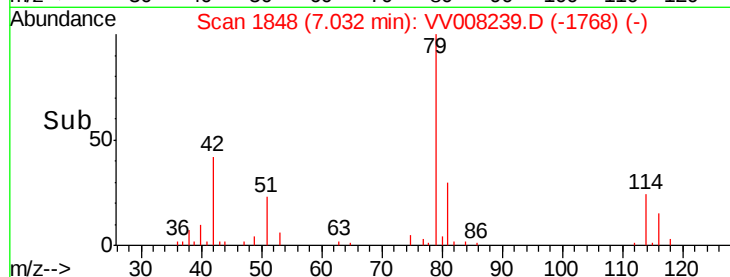
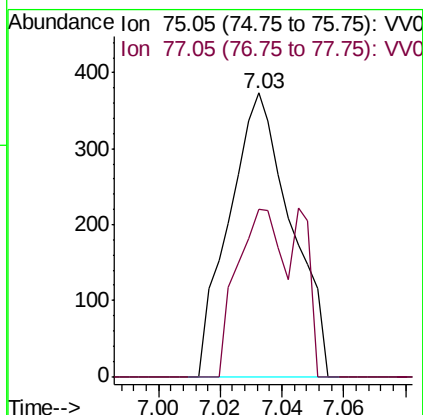
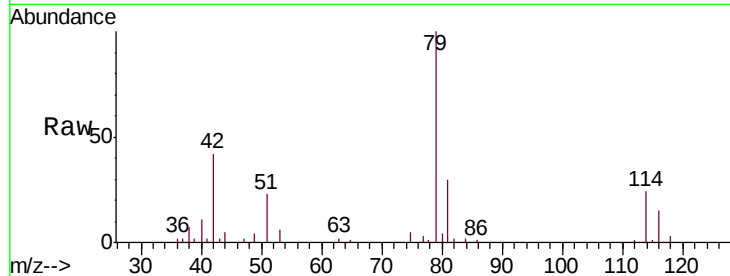


#39

cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008239.D
 Acq: 10 Oct 2018 17:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J96

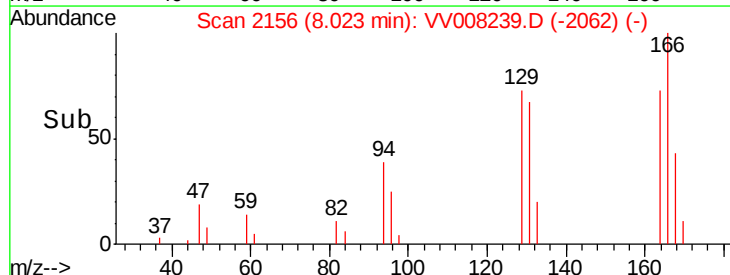
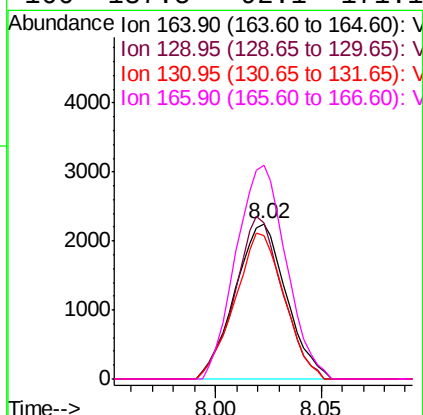
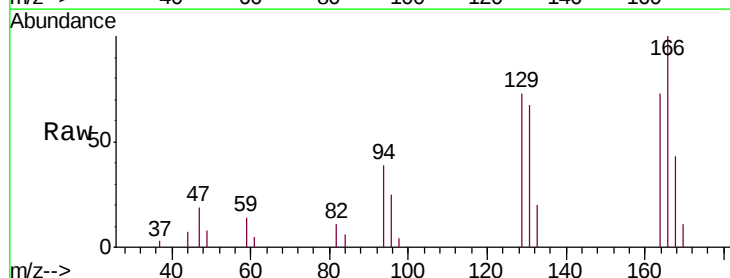
Tgt Ion: 75 Resp: 519
 Ion Ratio Lower Upper
 75 100
 77 59.0 22.1 41.1#

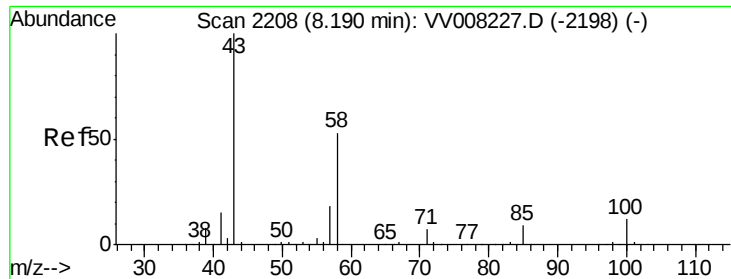


#47

Tetrachloroethene
 Concen: 0.822 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008239.D
 Acq: 10 Oct 2018 17:57

Tgt Ion: 164 Resp: 3807
 Ion Ratio Lower Upper
 164 100
 129 100.8 62.2 115.4
 131 92.3 60.5 112.5
 166 137.5 92.1 171.1

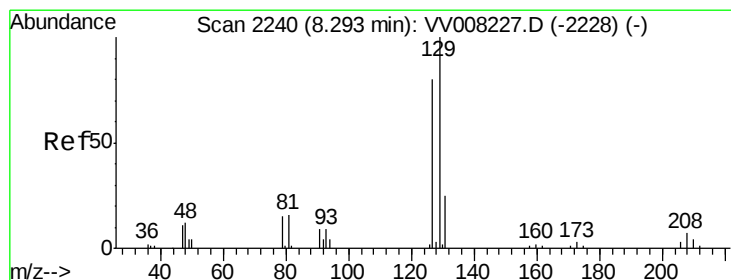
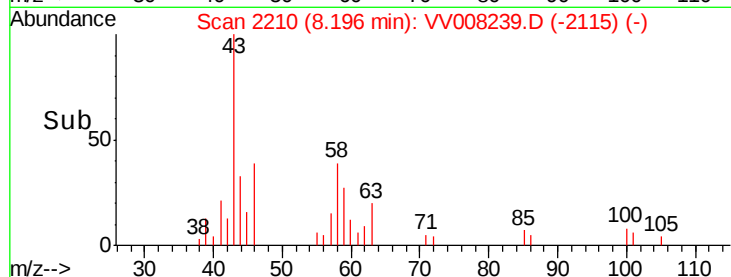
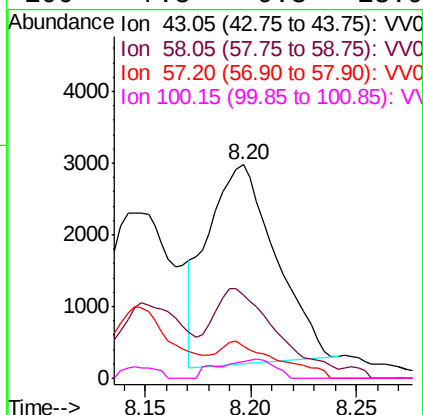
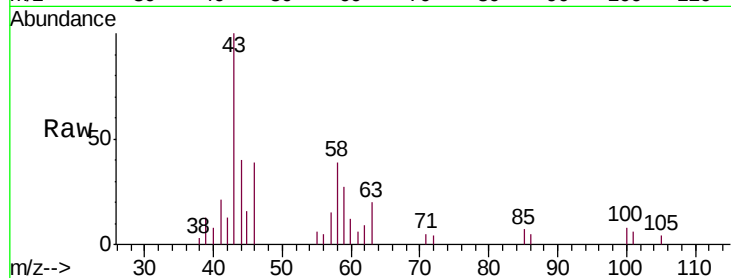




#48
2-Hexanone
Concen: 3.353 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV008239.D
Acq: 10 Oct 2018 17:57

Instrument :
MSVOA_V
ClientSampleId :
C0J96

Tgt Ion: 43 Resp: 6185
Ion Ratio Lower Upper
43 100
58 37.8 40.5 60.7#
57 15.8 14.6 22.0
100 7.8 9.3 13.9#



#49
Dibromochloromethane
Concen: 0.839 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008239.D
Acq: 10 Oct 2018 17:57

Tgt Ion: 129 Resp: 3520
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

