

Data File : VV008250.D
Acq On : 10 Oct 2018 23:41
Operator : SY/MD
Sample : J5315-14 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JA5

Quant Time: Oct 11 02:04:48 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	82589	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18407	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.58	69	16876	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.13	63	27732	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	3.99	46	77628	63.65	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.30%
24) Chloroform-d	4.41	84	47729	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	24435	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	85519	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.12	67	29500	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	71024	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.67	79	9234	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.14	63	43814	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22006	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	30002	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

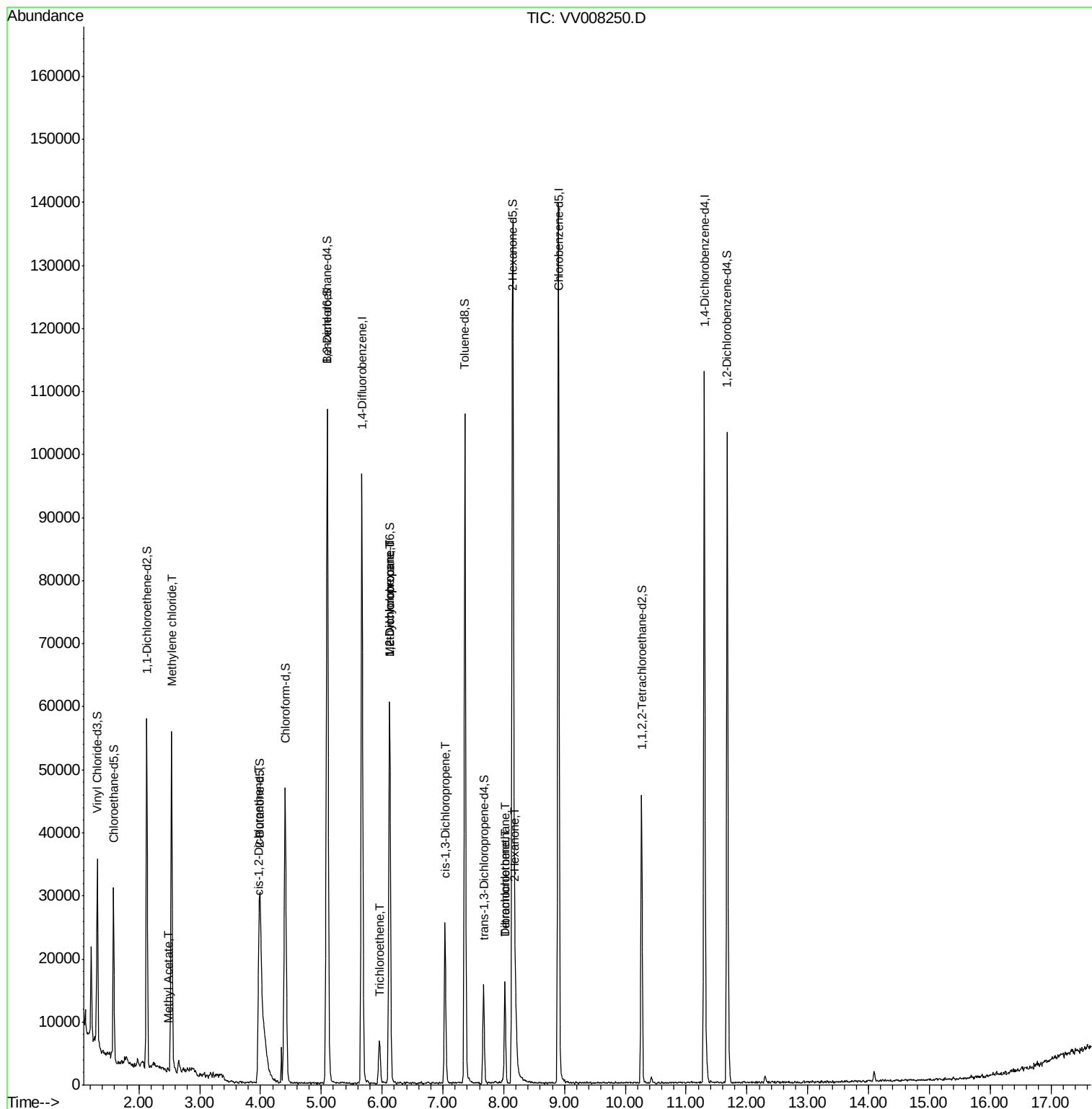
					Qvalue
15) Methyl Acetate	2.48	43	280	0.143 ug/L #	53
16) Methylene chloride	2.54	84	21582	3.976 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	866	0.157 ug/L	96
34) Trichloroethene	5.96	95	1267	0.215 ug/L	91
35) Methylcyclohexane	6.12	83	7070	0.858 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	2999	0.550 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	648	0.093 ug/L #	62
47) Tetrachloroethene	8.02	164	4014	0.762 ug/L	90
48) 2-Hexanone	8.19	43	7691	3.665 ug/L #	91
49) Dibromochloromethane	8.02	129	3427	0.718 ug/L #	10

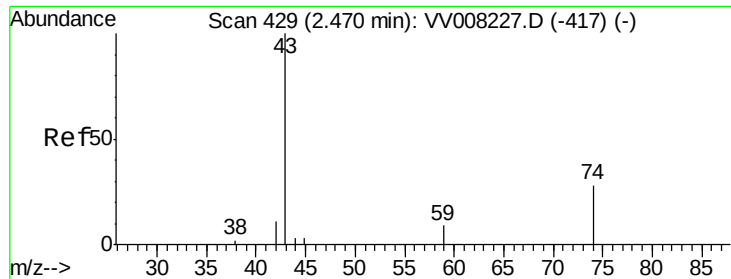
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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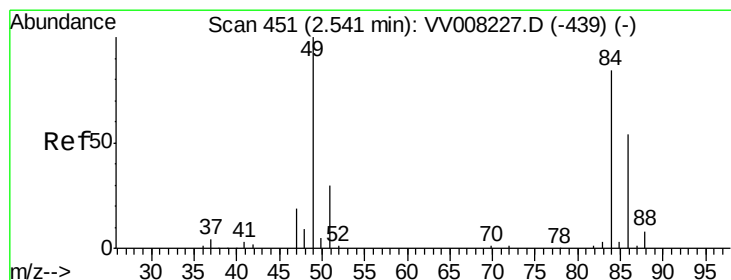
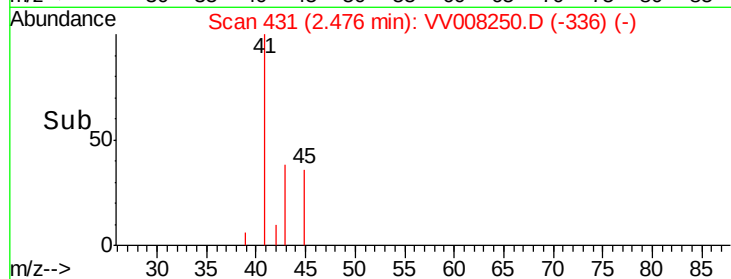
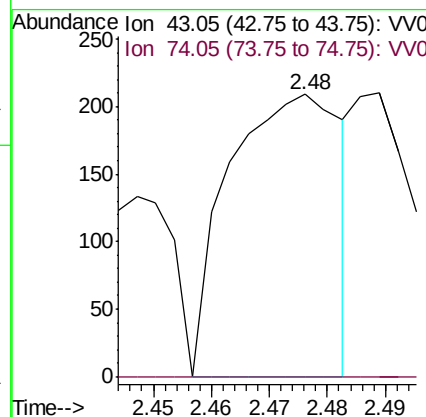
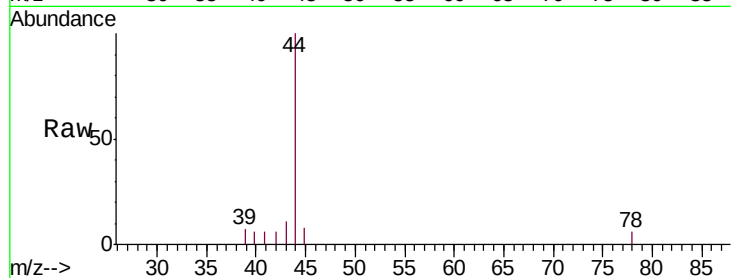




#15
Methyl Acetate
Concen: 0.143 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.01 min
Lab File: VV008250.D
Acq: 10 Oct 2018 23:41

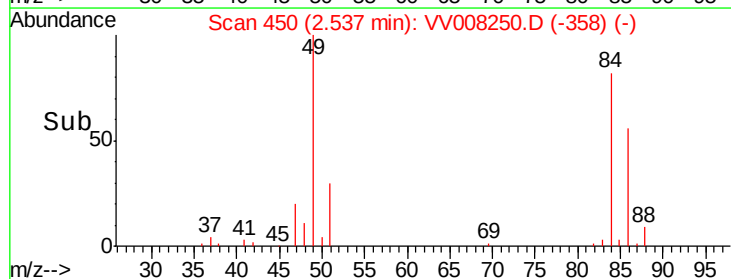
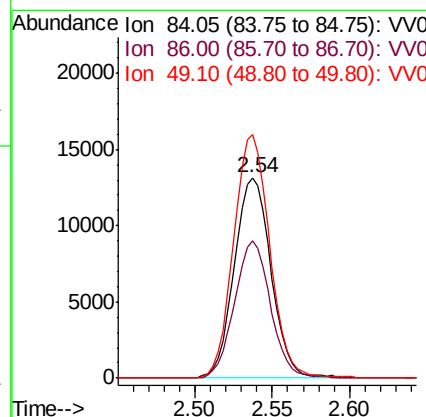
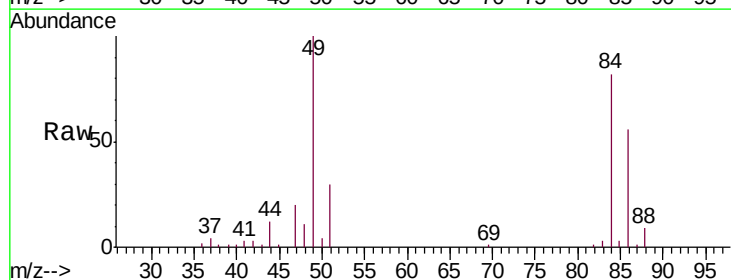
Instrument :
MSVOA_V
ClientSampleId :
C0JA5

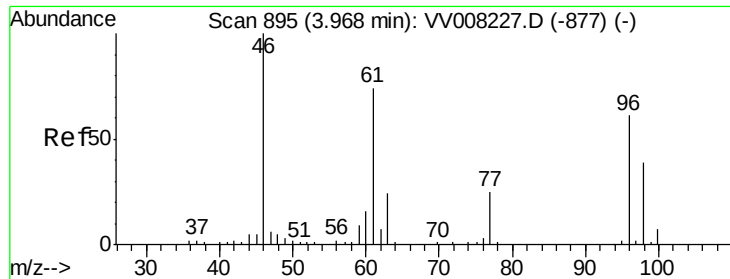
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#16
Methylene chloride
Concen: 3.976 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008250.D
Acq: 10 Oct 2018 23:41

Tgt Ion: 84 Resp: 21582
Ion Ratio Lower Upper
84 100
86 68.3 45.3 84.1
49 121.3 83.0 154.1



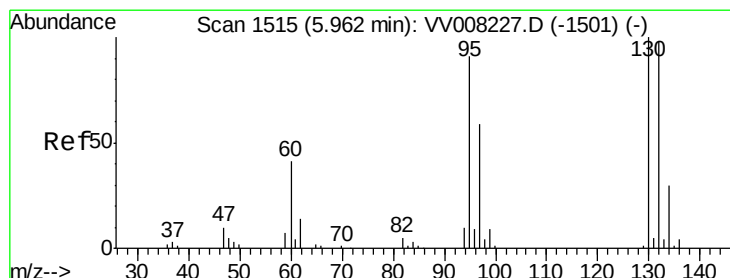
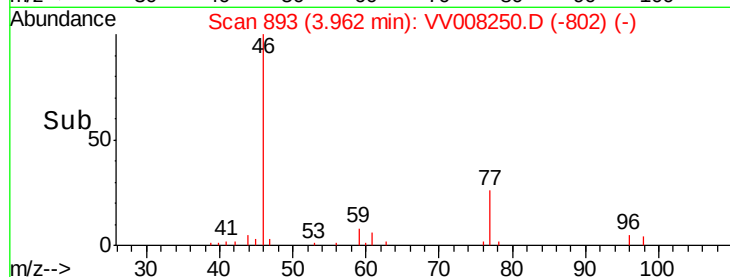
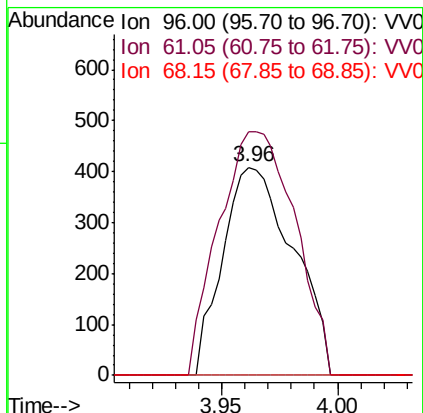
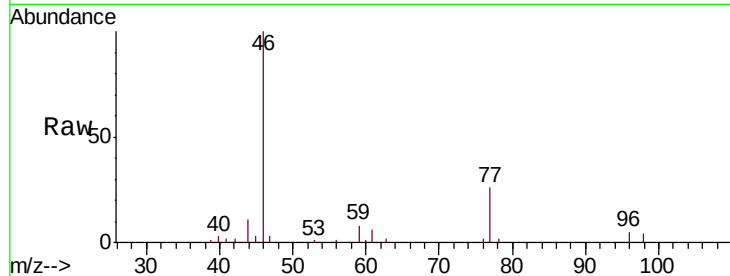


#22

cis-1,2-Dichloroethene
Concen: 0.157 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.01 min
Lab File: VV008250.D
Acq: 10 Oct 2018 23:41

Instrument :
MSVOA_V
ClientSampleId :
C0JA5

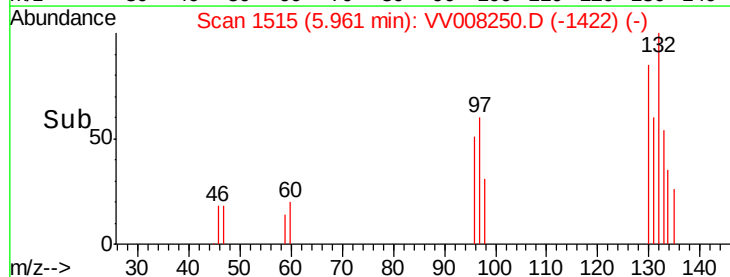
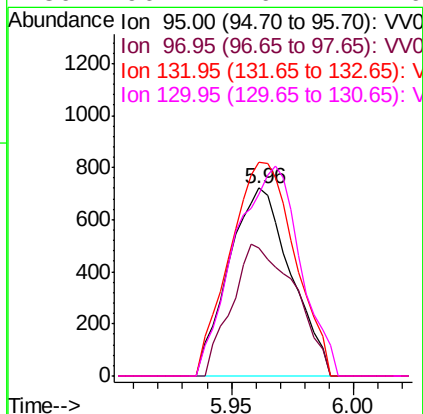
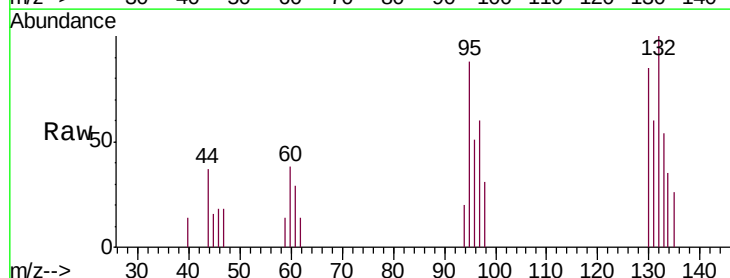
Tgt Ion: 96 Resp: 866
Ion Ratio Lower Upper
96 100
61 116.9 85.1 158.1
68 0.0 0.0 0.0

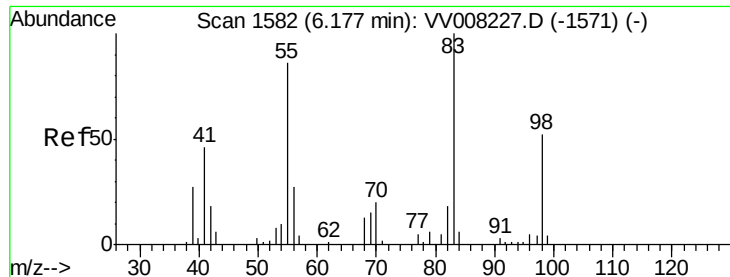


#34

Trichloroethene
Concen: 0.215 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008250.D
Acq: 10 Oct 2018 23:41

Tgt Ion: 95 Resp: 1267
Ion Ratio Lower Upper
95 100
97 67.9 44.9 83.5
132 113.9 73.6 136.6
130 96.7 76.2 141.6





#35

Methylcyclohexane

Concen: 0.858 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008250.D

Acq: 10 Oct 2018 23:41

Instrument :

MSVOA_V

ClientSampleId :

C0JA5

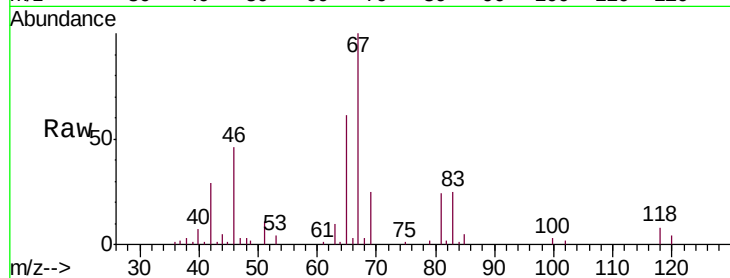
Tgt Ion: 83 Resp: 7070

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

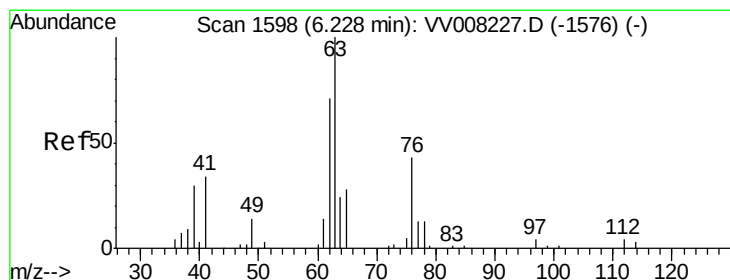
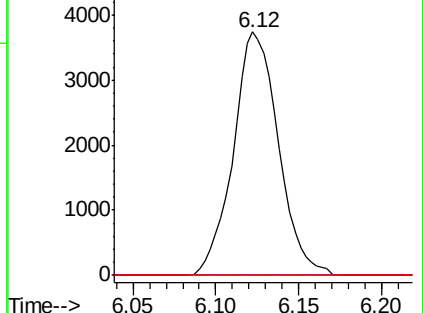
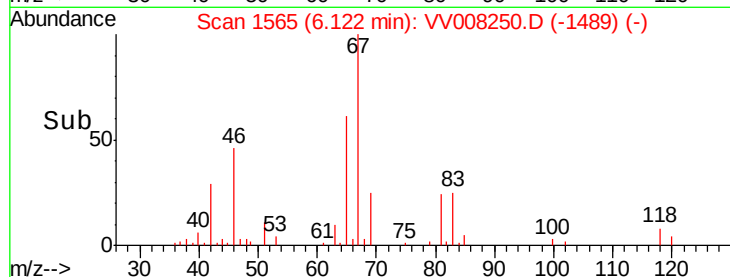
98 4.1 38.3 57.5#



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: 0.550 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008250.D

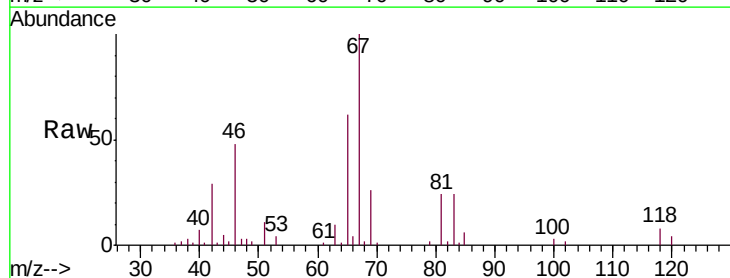
Acq: 10 Oct 2018 23:41

Tgt Ion: 63 Resp: 2999

Ion Ratio Lower Upper

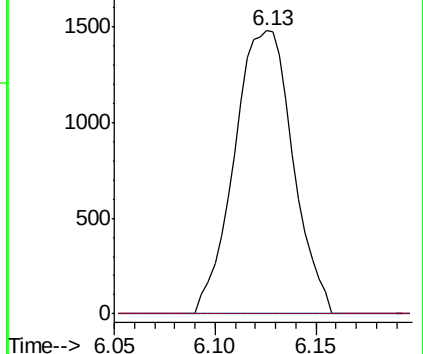
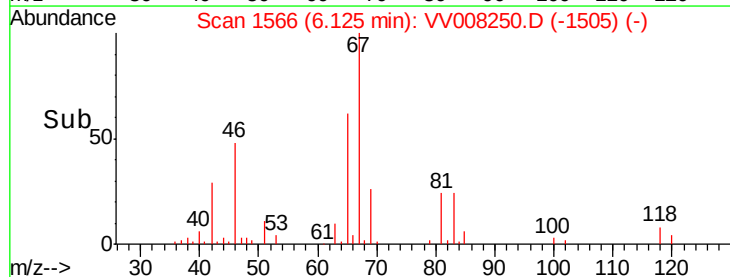
63 100

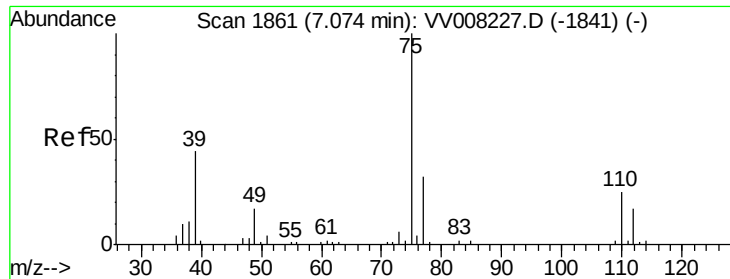
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

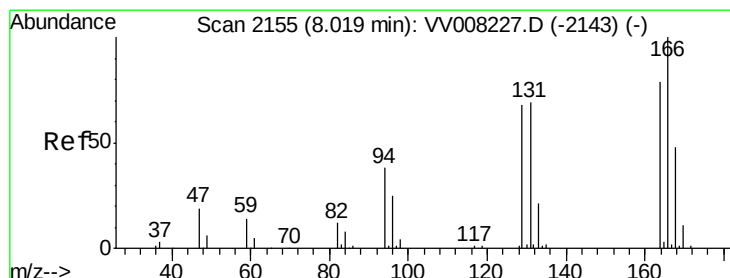
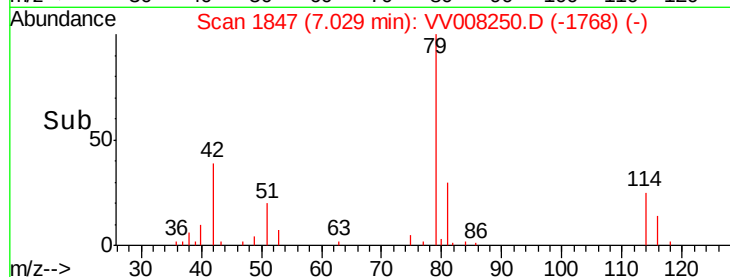
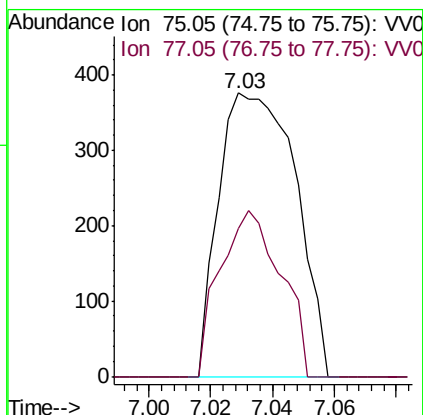
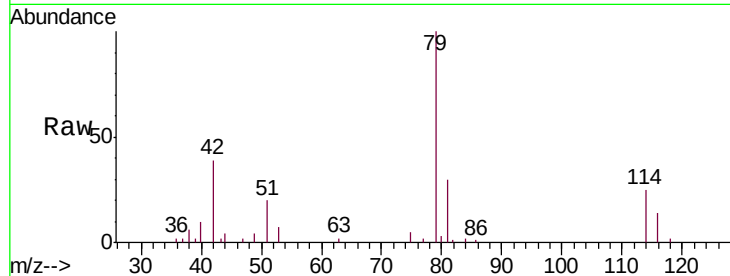




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008250.D
 Acq: 10 Oct 2018 23:41

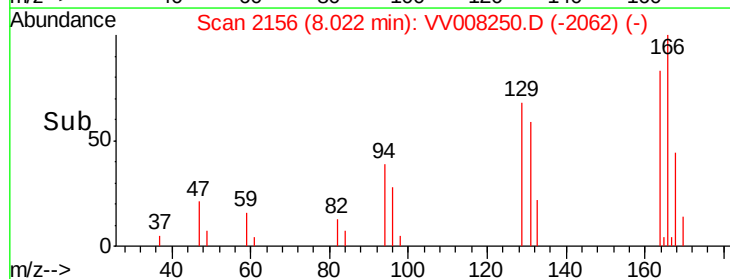
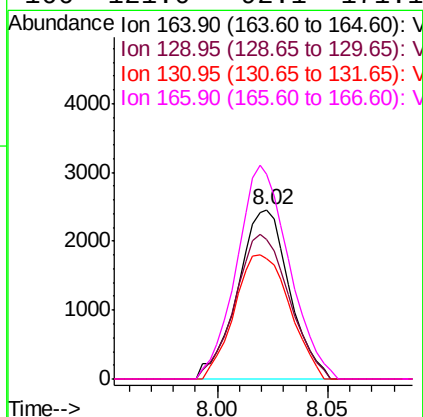
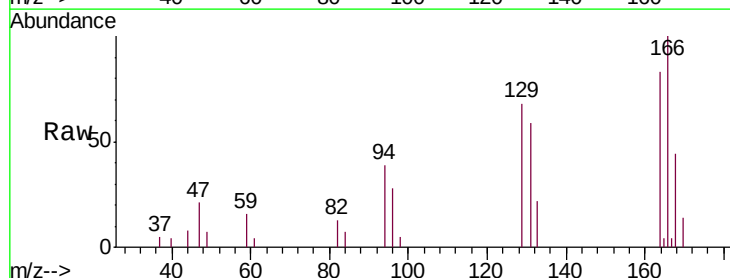
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JA5

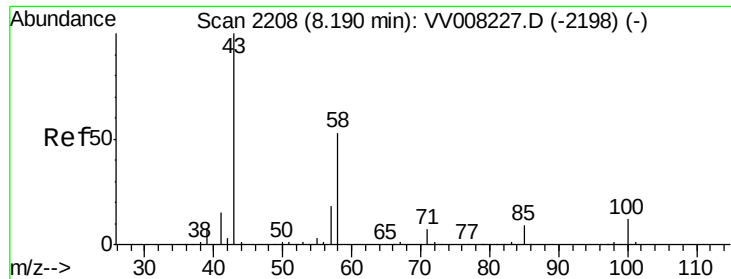
Tgt Ion: 75 Resp: 648
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.1 41.1#



#47
 Tetrachloroethene
 Concen: 0.762 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008250.D
 Acq: 10 Oct 2018 23:41

Tgt Ion: 164 Resp: 4014
 Ion Ratio Lower Upper
 164 100
 129 82.8 62.2 115.4
 131 71.4 60.5 112.5
 166 121.0 92.1 171.1

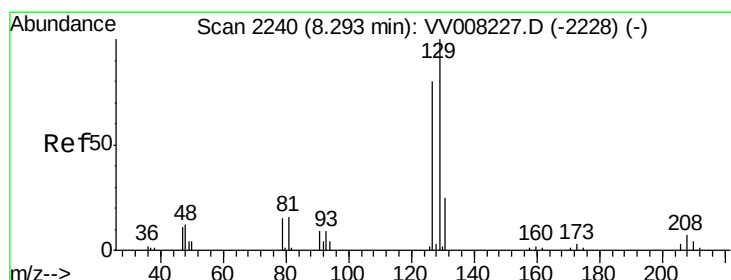
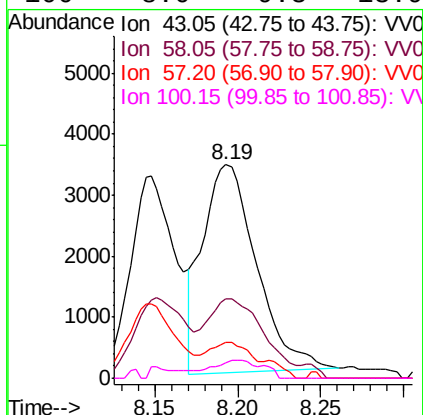
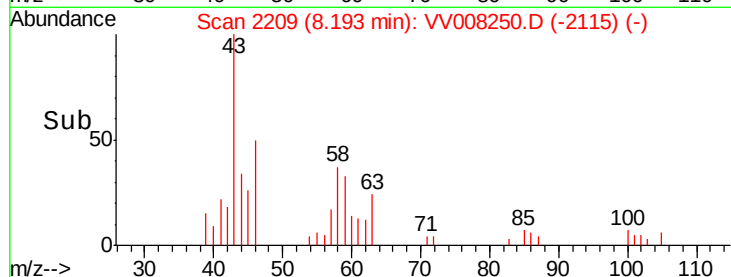
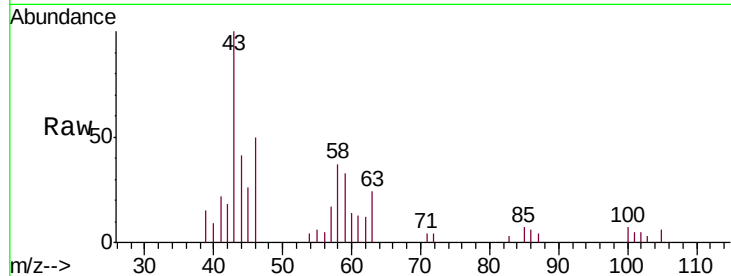




#48
2-Hexanone
Concen: 3.665 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008250.D
Acq: 10 Oct 2018 23:41

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43 Resp: 7691
Ion Ratio Lower Upper
43 100
58 43.2 40.5 60.7
57 16.5 14.6 22.0
100 8.0 9.3 13.9#



#49
Dibromochloromethane
Concen: 0.718 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008250.D
Acq: 10 Oct 2018 23:41

Tgt Ion: 129 Resp: 3427
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

