

Data File : VV008236.D
Acq On : 10 Oct 2018 16:31
Operator : SY/MD
Sample : J5315-01DL 20X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J92DL

Quant Time: Oct 11 02:02:14 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	94078	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19897	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.59	69	17968	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.13	63	29756	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	3.97	46	67761	48.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.41	84	48722	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.09	65	24845	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.10	84	90281	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.13	67	30311	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.36	98	76291	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	7.67	79	9952	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.14	63	40142	39.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20842	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	32121	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

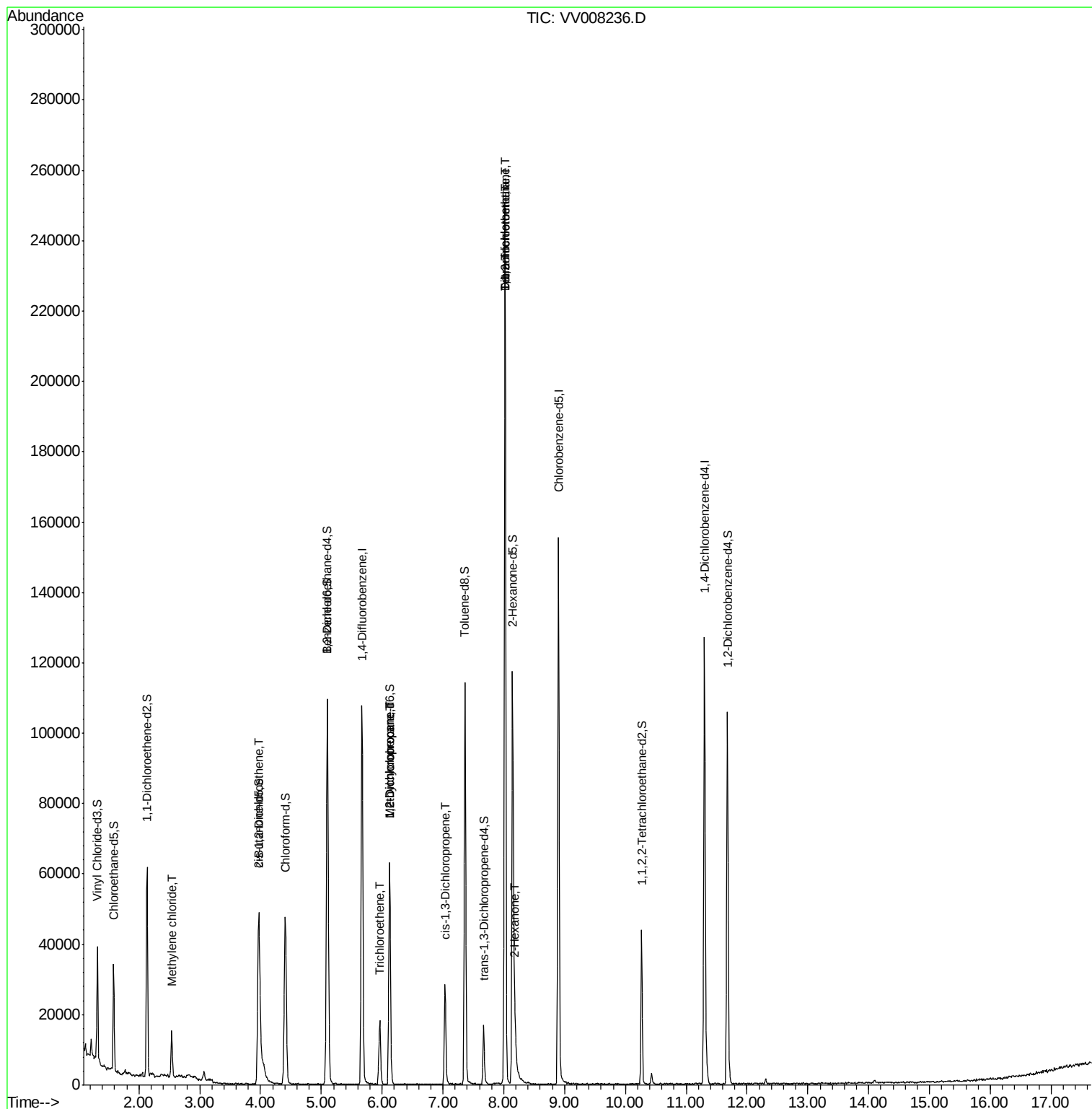
						Qvalue
16) Methylene chloride	2.54	84	4842	0.783	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	8816	1.405	ug/L	100
34) Trichloroethene	5.96	95	5367	0.808	ug/L	89
35) Methylcyclohexane	6.12	83	7155	0.771	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3290	0.536	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	772	0.098	ug/L #	73
45) 1,1,2-Trichloroethane	8.01	97	404	0.094	ug/L #	22
47) Tetrachloroethene	8.02	164	59870	10.093	ug/L	97
48) 2-Hexanone	8.19	43	5490	2.324	ug/L #	78
49) Dibromochloromethane	8.02	129	50828	9.459	ug/L #	10

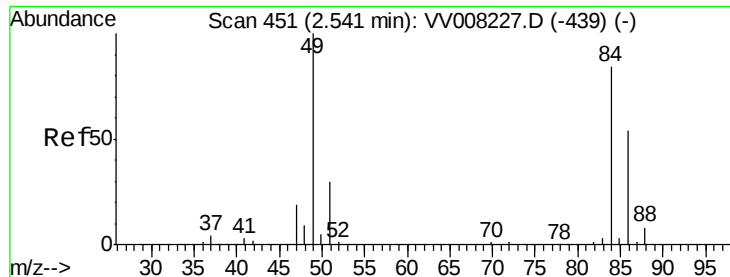
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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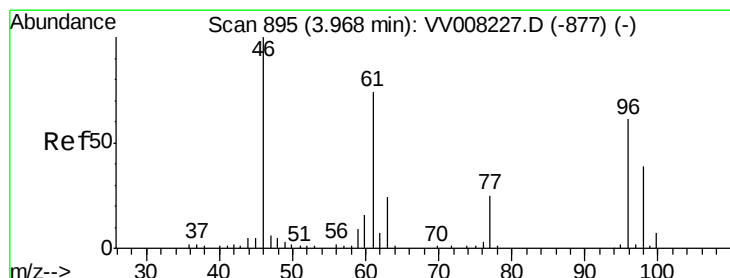
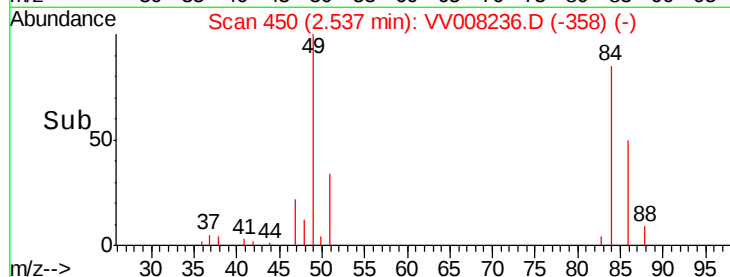
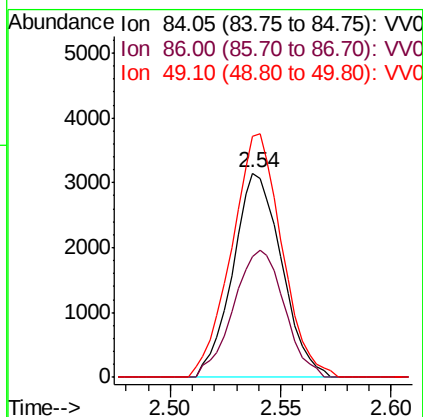
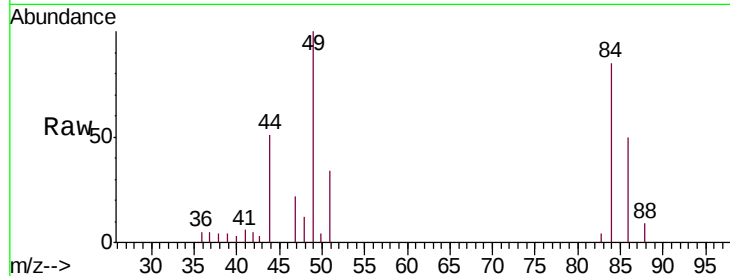




#16
Methylene chloride
Concen: 0.783 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008236.D
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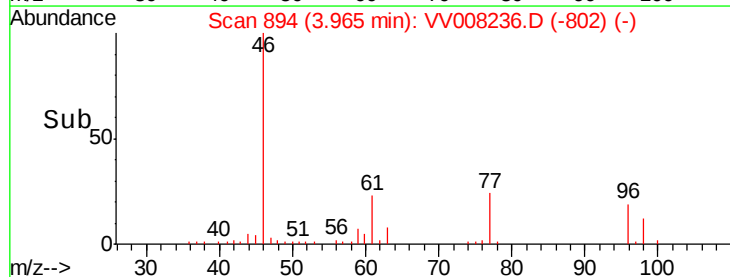
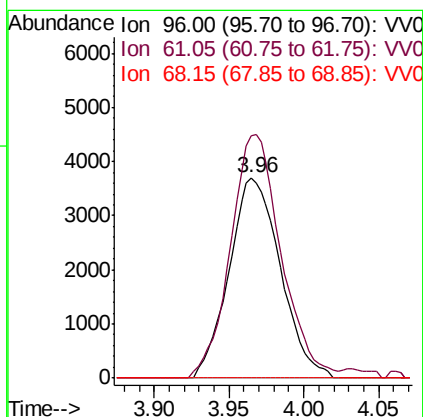
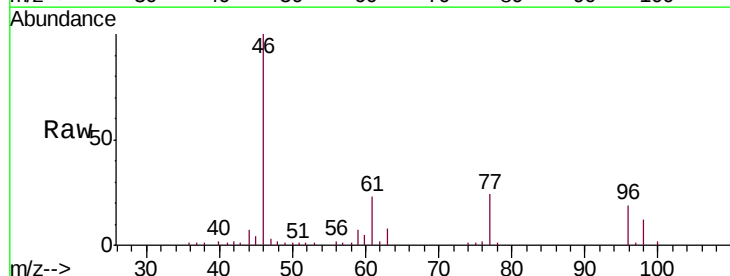
Instrument :
MSVOA_V
ClientSampleID :
C0J92DL

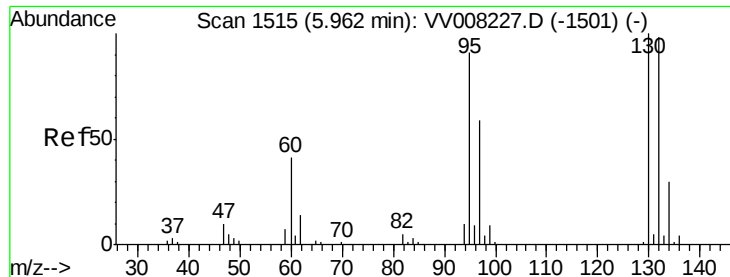
Tgt Ion: 84 Resp: 4842
Ion Ratio Lower Upper
84 100
86 59.0 45.3 84.1
49 118.1 83.0 154.1



#22
cis-1,2-Dichloroethene
Concen: 1.405 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008236.D
Acq: 10 Oct 2018 16:31

Tgt Ion: 96 Resp: 8816
Ion Ratio Lower Upper
96 100
61 121.3 85.1 158.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.808 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008236.D

Acq: 10 Oct 2018 16:31

Instrument :

MSVOA_V

ClientSampleId :

C0J92DL

Tgt Ion: 95 Resp: 5367

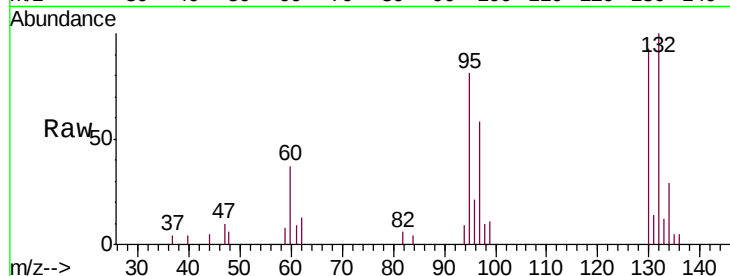
Ion Ratio Lower Upper

95 100

97 71.2 44.9 83.5

132 123.7 73.6 136.6

130 115.1 76.2 141.6

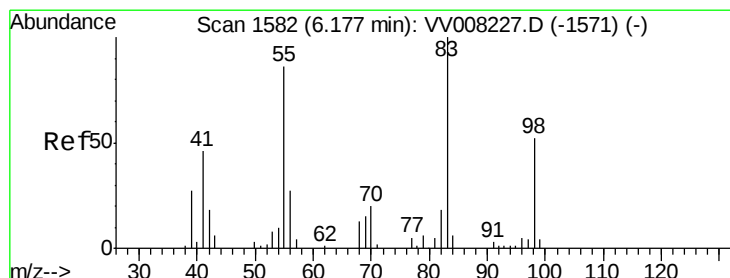
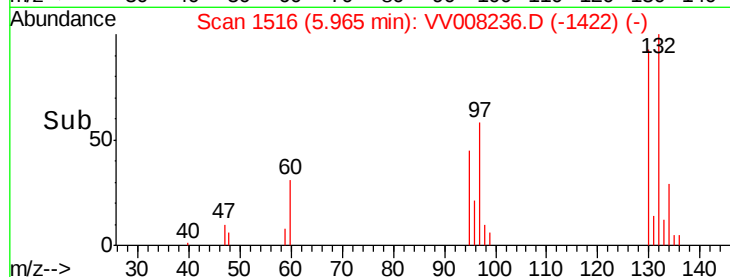
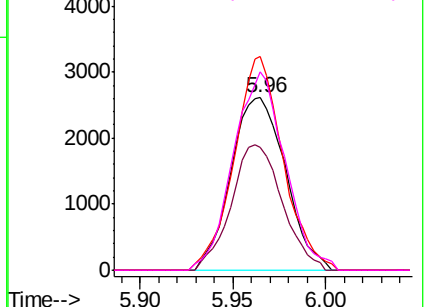


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008236.D

Acq: 10 Oct 2018 16:31

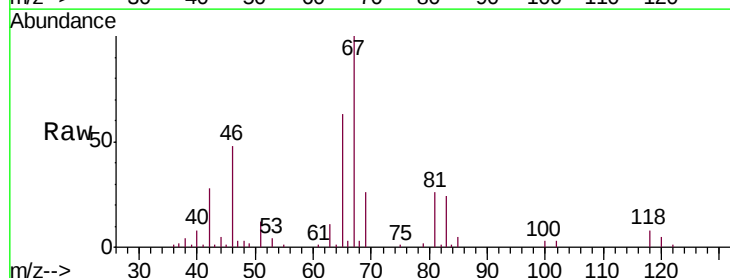
Tgt Ion: 83 Resp: 7155

Ion Ratio Lower Upper

83 100

55 0.6 63.6 95.4#

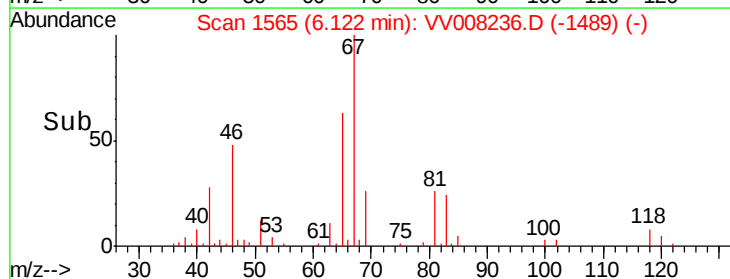
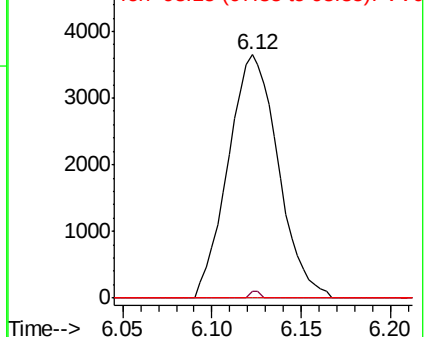
98 3.9 38.3 57.5#

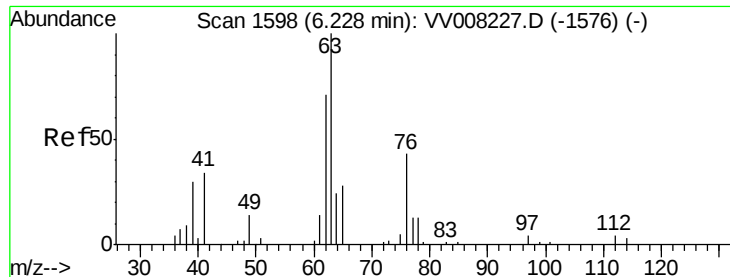


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

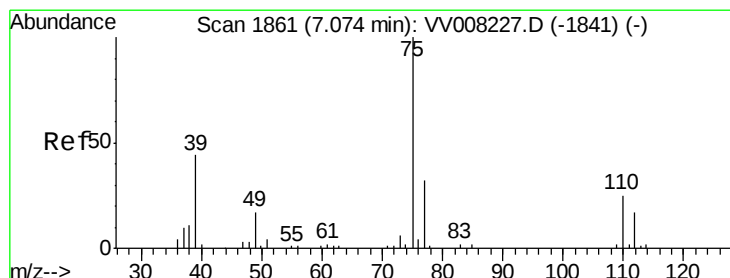
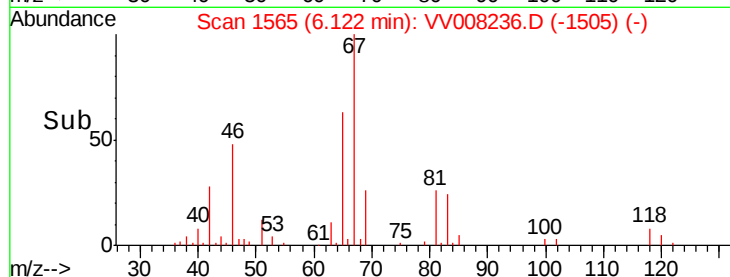
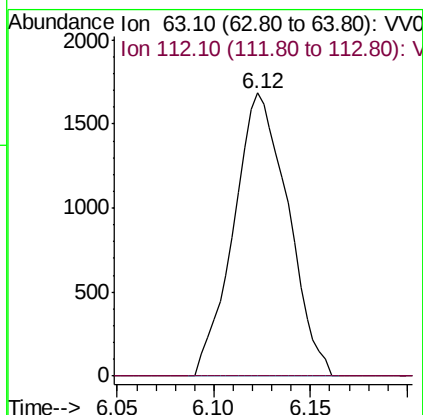
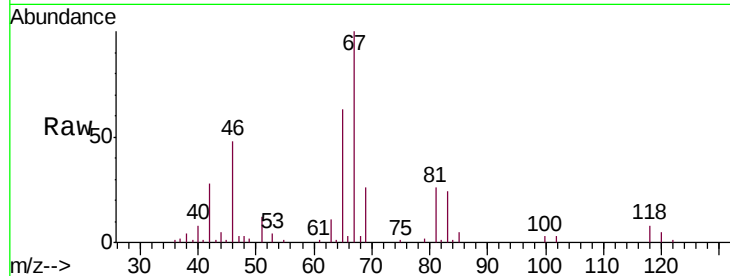




#37
 1,2-Dichloropropane
 Concen: 0.536 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV008236.D
 Acq: 10 Oct 2018 16:31

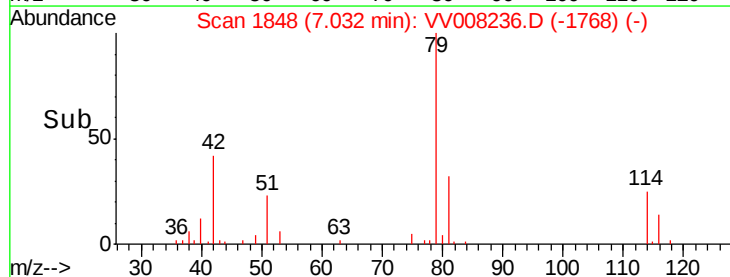
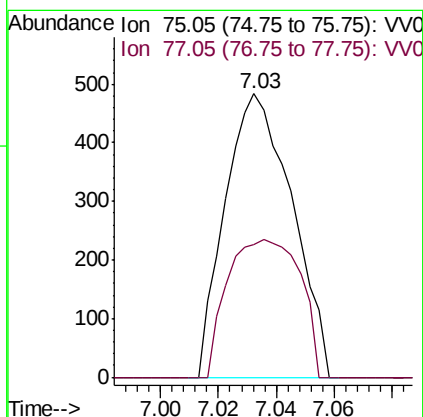
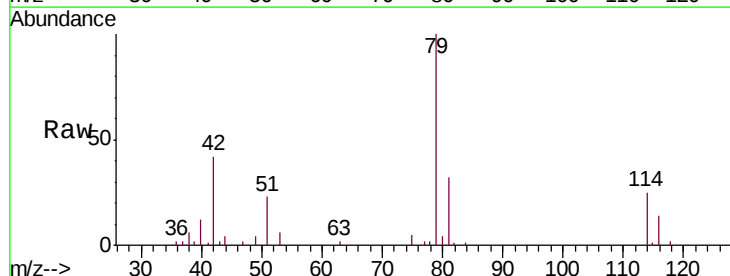
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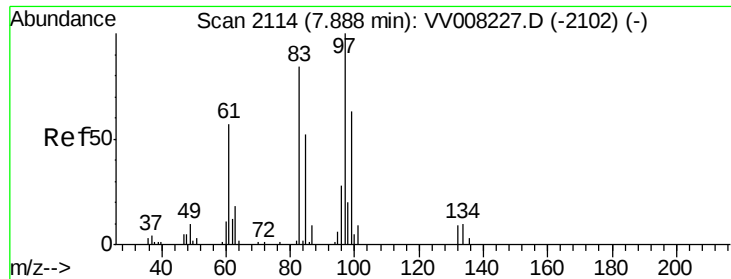
Tgt Ion: 63 Resp: 3290
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008236.D
 Acq: 10 Oct 2018 16:31

Tgt Ion: 75 Resp: 772
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.1 41.1#





#45

1,1,2-Trichloroethane

Concen: 0.094 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.13 min

Lab File: VV008236.D

Acq: 10 Oct 2018 16:31

Instrument :

MSVOA_V

ClientSampleID :

C0J92DL

Tgt Ion: 97 Resp: 404

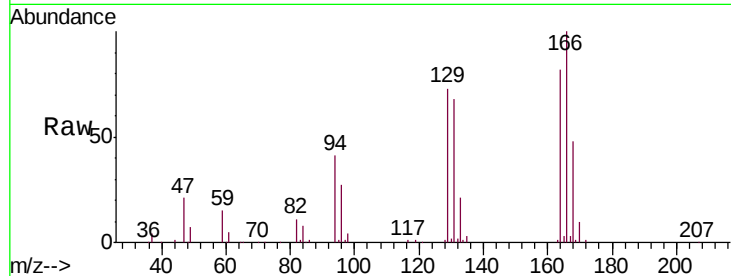
Ion Ratio Lower Upper

97 100

99 0.0 42.6 79.0#

83 191.1 57.5 106.7#

85 48.0 36.5 67.7

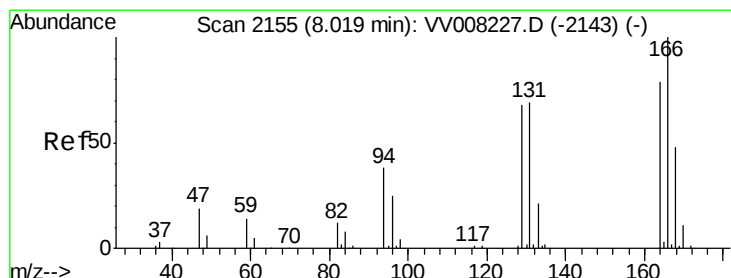
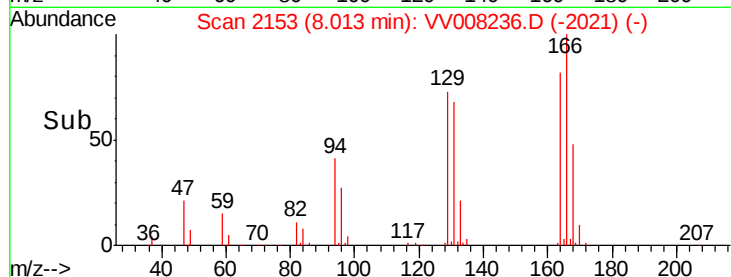
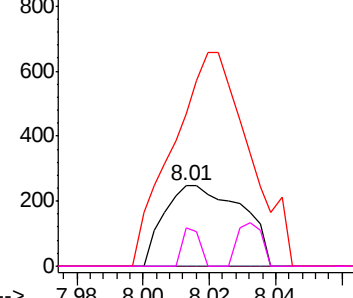


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 10.093 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008236.D

Acq: 10 Oct 2018 16:31

Tgt Ion:164 Resp: 59870

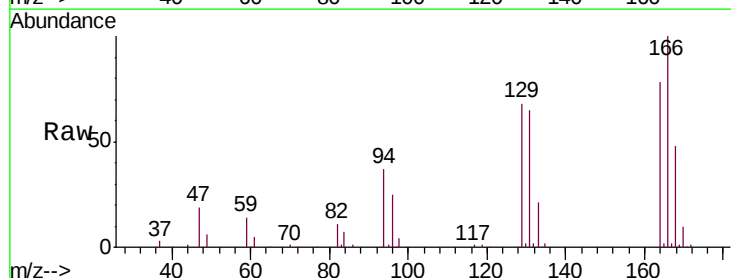
Ion Ratio Lower Upper

164 100

129 86.9 62.2 115.4

131 83.1 60.5 112.5

166 127.9 92.1 171.1

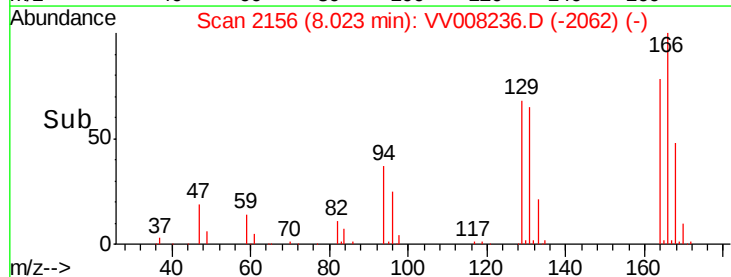
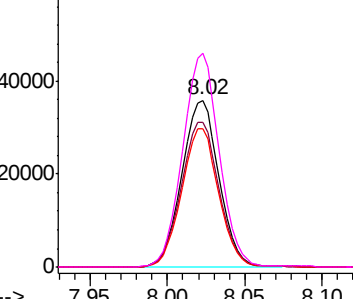


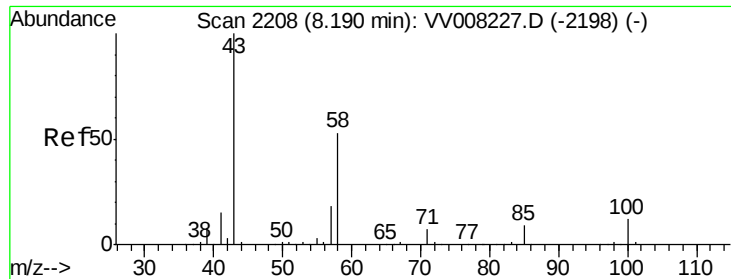
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

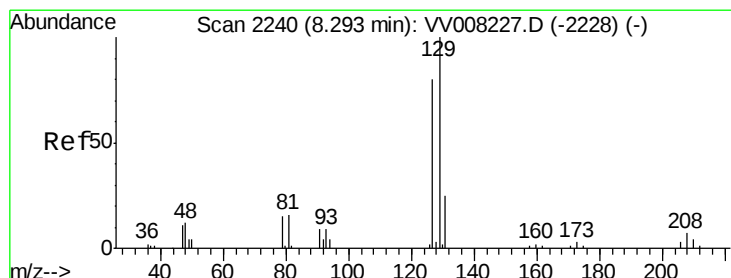
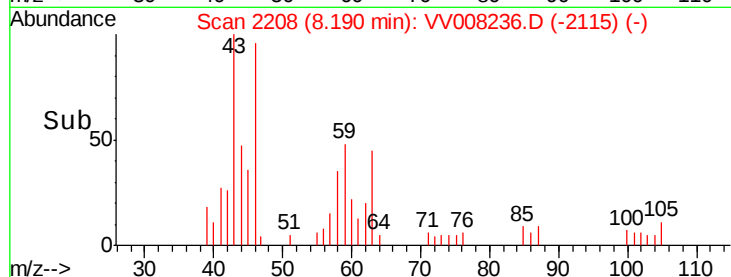
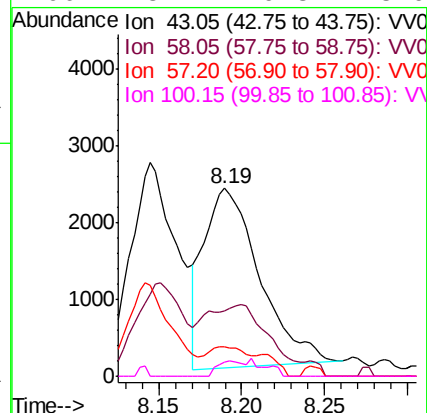
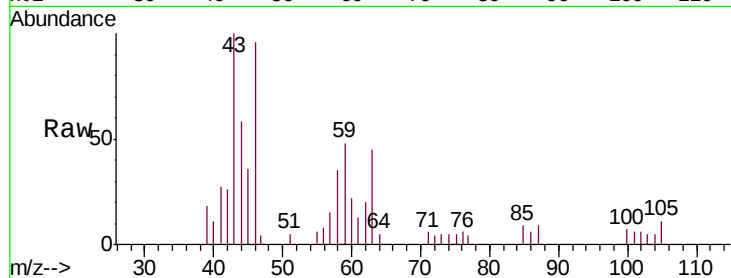




#48
2-Hexanone
Concen: 2.324 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
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Acq: 10 Oct 2018 16:31

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Tgt Ion: 43 Resp: 5490
Ion Ratio Lower Upper
43 100
58 36.2 40.5 60.7#
57 4.2 14.6 22.0#
100 5.7 9.3 13.9#



#49
Dibromochloromethane
Concen: 9.459 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008236.D
Acq: 10 Oct 2018 16:31

Tgt Ion: 129 Resp: 50828
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

