

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008659.D
 Acq On : 19 Nov 2018 19:03
 Operator : SY/MD
 Sample : J5995-15
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FN7

Quant Time: Nov 20 08:32:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	143523	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28027	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.59	69	23801	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.14	63	44455	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.96	46	117680	51.59	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.41	84	81282	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	43209	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	160045	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	52471	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	144346	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	16430	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.14	63	84416	44.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36393	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	50193	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

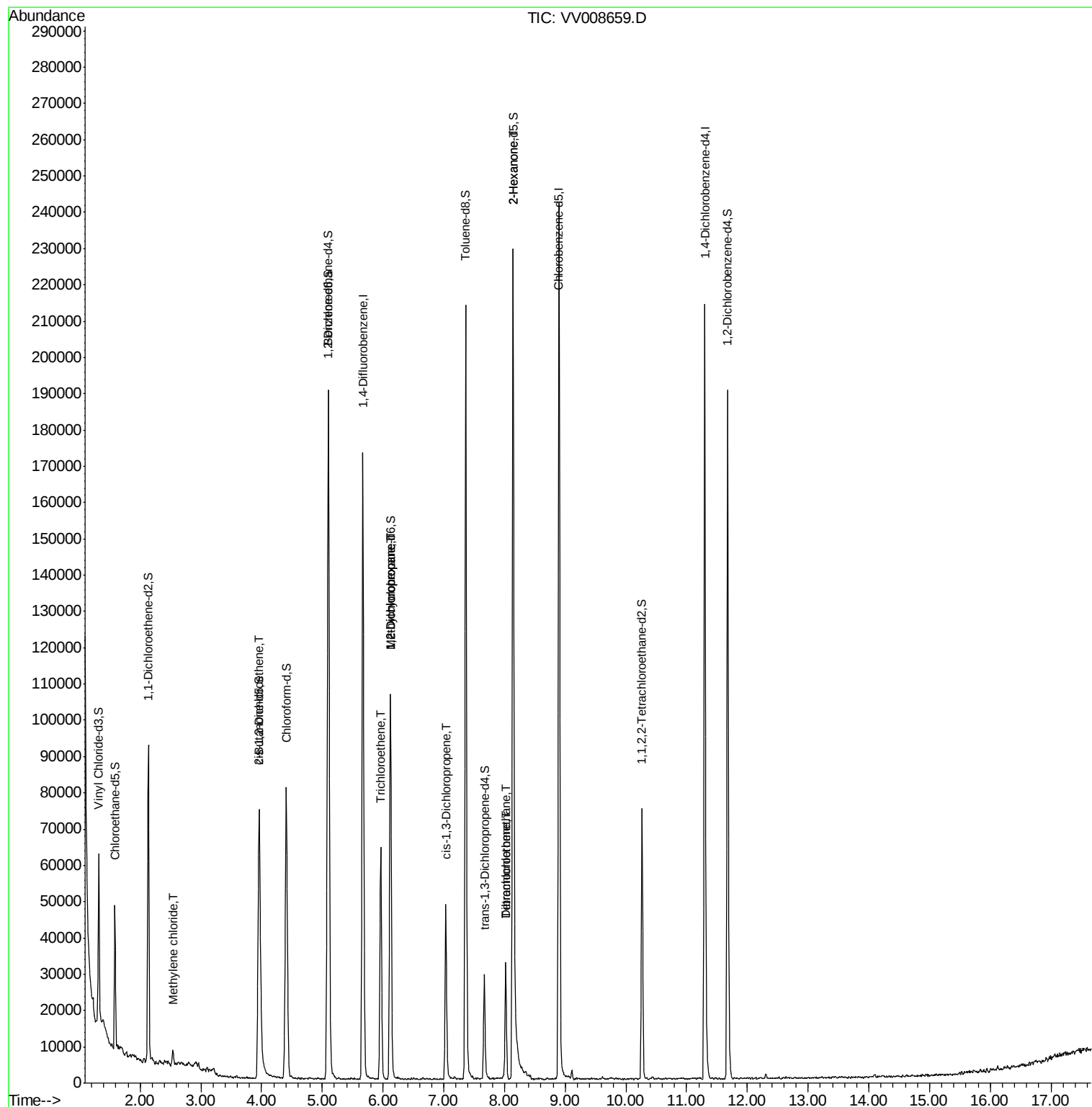
					Qvalue
16) Methylene chloride	2.54	84	1537	0.190 ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	6511	0.597 ug/L	99
34) Trichloroethene	5.96	95	22244	2.011 ug/L	94
35) Methylcyclohexane	6.13	83	12439	0.664 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5721	0.520 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1211	0.082 ug/L #	78
47) Tetrachloroethene	8.02	164	6510	0.813 ug/L	92
48) 2-Hexanone	8.14	43	10729	2.469 ug/L #	71
49) Dibromochloromethane	8.02	129	6797	0.854 ug/L #	10

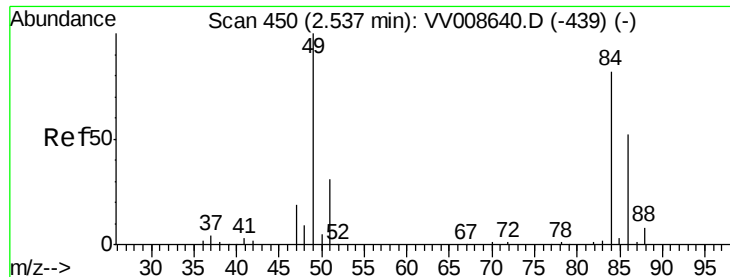
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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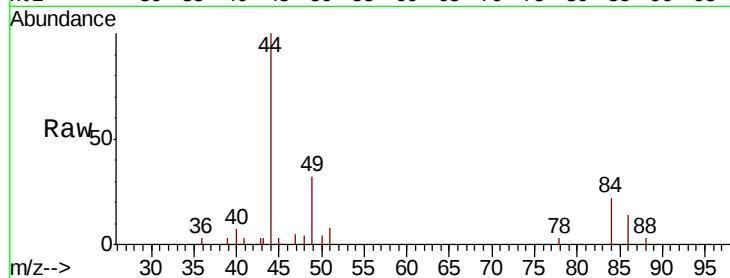




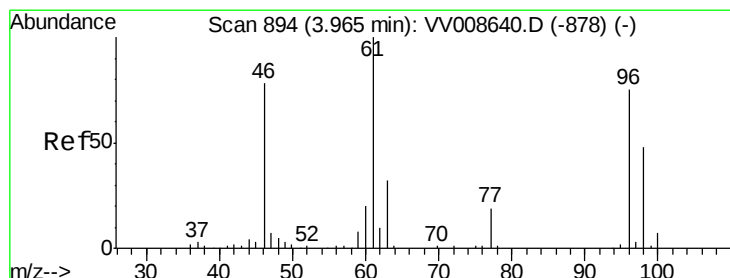
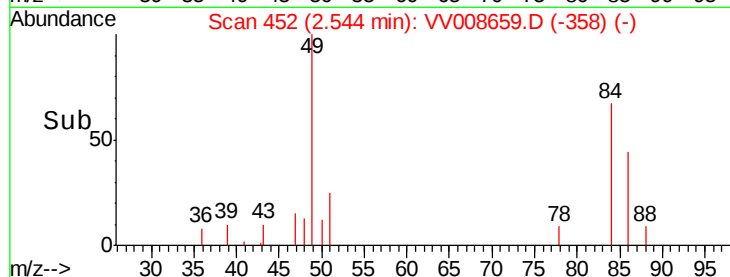
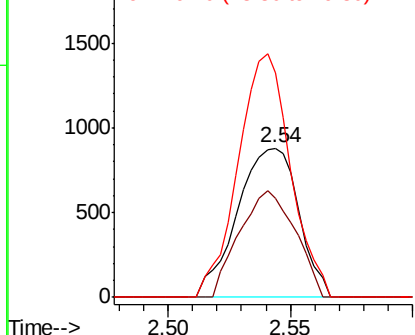
#16
Methylene chloride
Concen: 0.190 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV008659.D
Acq: 19 Nov 2018 19:03

Instrument :
MSVOA_V
ClientSampleId :
H0FN7

Tgt Ion: 84 Resp: 1537
Ion Ratio Lower Upper
84 100
86 66.5 44.8 83.2
49 149.8 88.1 163.7

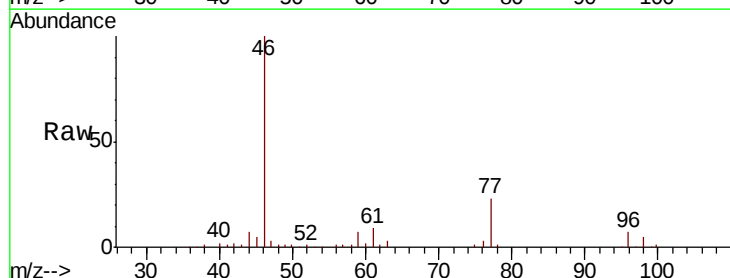


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

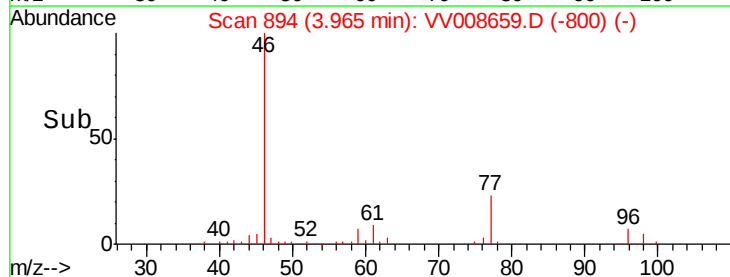
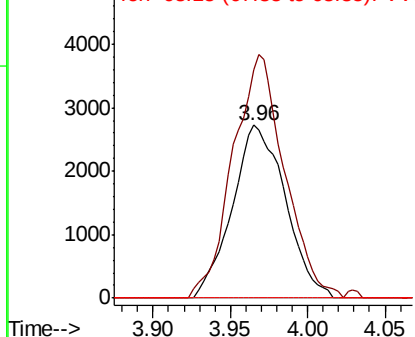


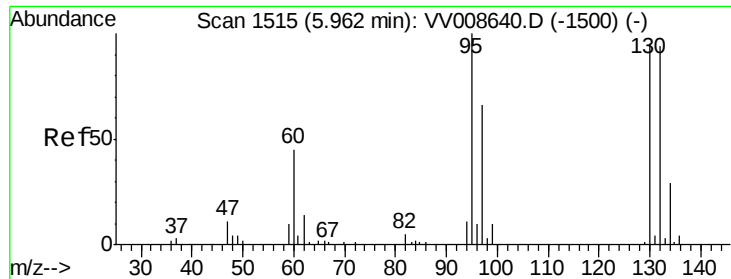
#22
cis-1,2-Dichloroethene
Concen: 0.597 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV008659.D
Acq: 19 Nov 2018 19:03

Tgt Ion: 96 Resp: 6511
Ion Ratio Lower Upper
96 100
61 131.9 93.2 173.2
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: 2.011 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008659.D

Acq: 19 Nov 2018 19:03

Instrument :

MSVOA_V

ClientSampleId :

H0FN7

Tgt Ion: 95 Resp: 22244

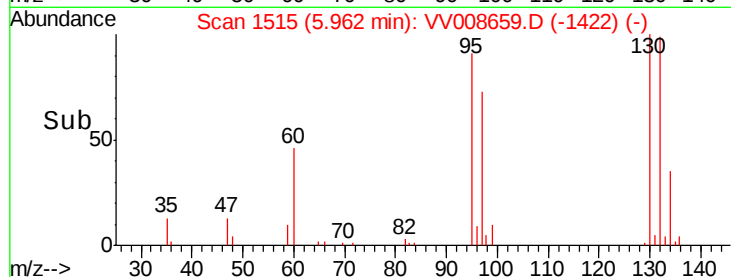
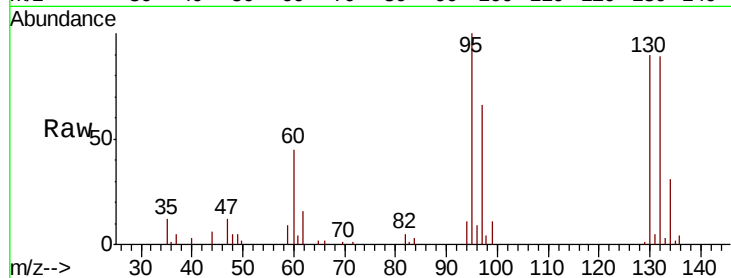
Ion Ratio Lower Upper

95 100

97 65.8 45.1 83.7

132 88.6 66.3 123.1

130 90.0 68.0 126.4

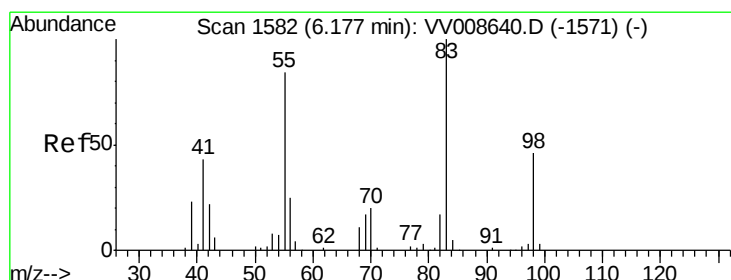
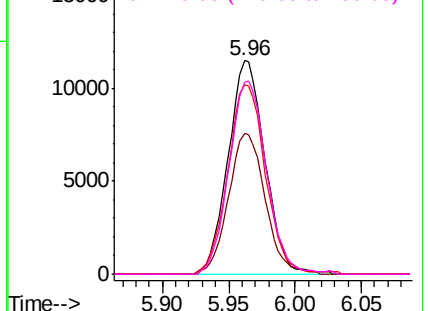


Abundance Ion 95.00 (94.70 to 95.70): VV008659.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008659.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008659.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008659.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.664 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008659.D

Acq: 19 Nov 2018 19:03

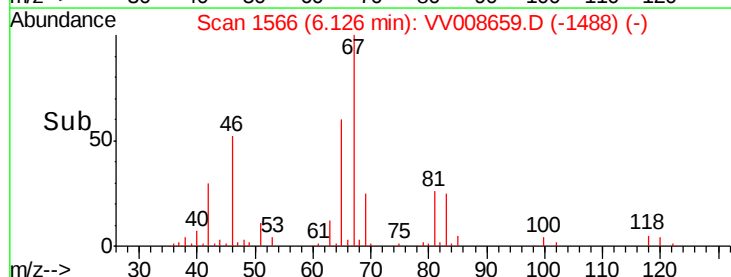
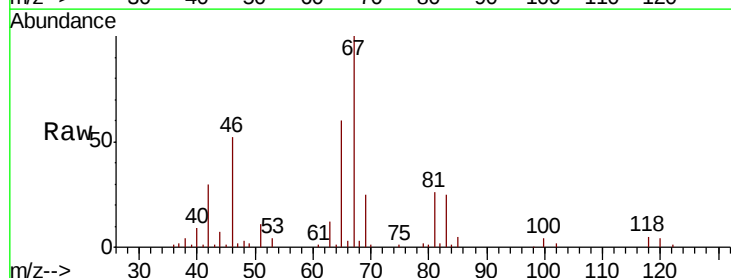
Tgt Ion: 83 Resp: 12439

Ion Ratio Lower Upper

83 100

55 0.0 65.6 98.4#

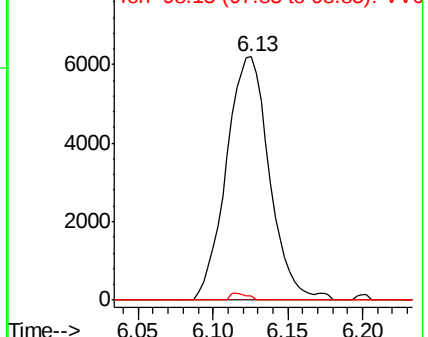
98 1.1 36.4 54.6#

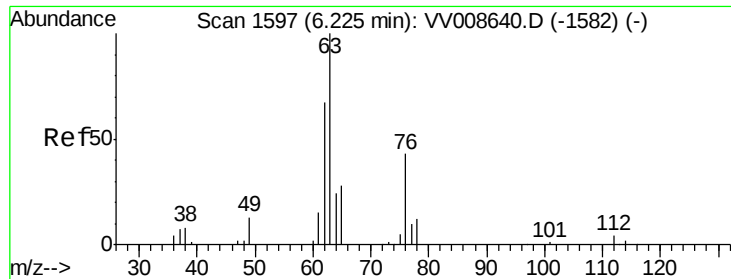


Abundance Ion 83.15 (82.85 to 83.85): VV008659.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV008659.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV008659.D (-1488) (-)

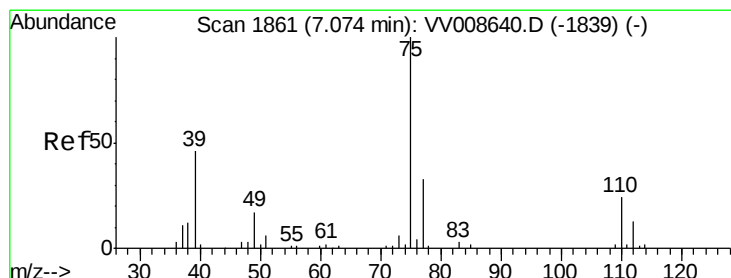
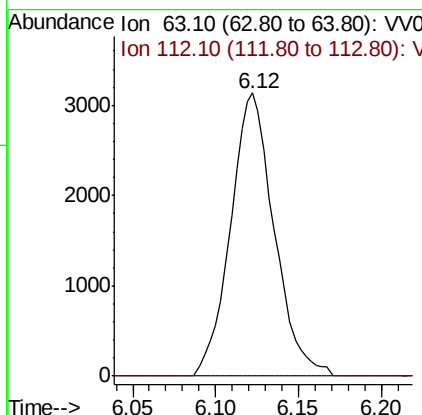
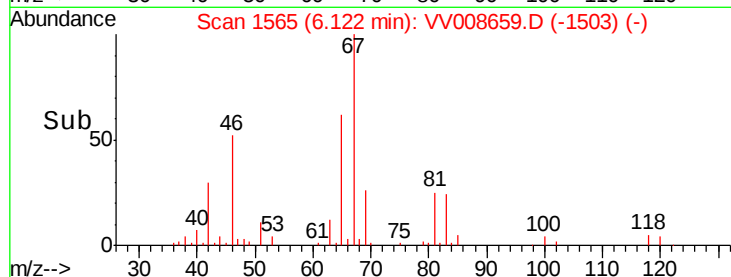
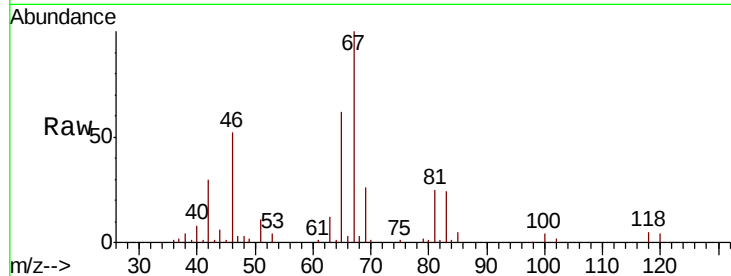




#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008659.D
 Acq: 19 Nov 2018 19:03

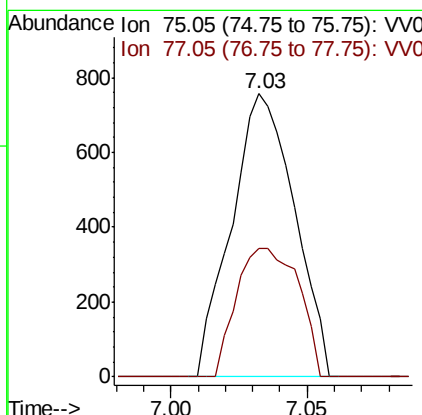
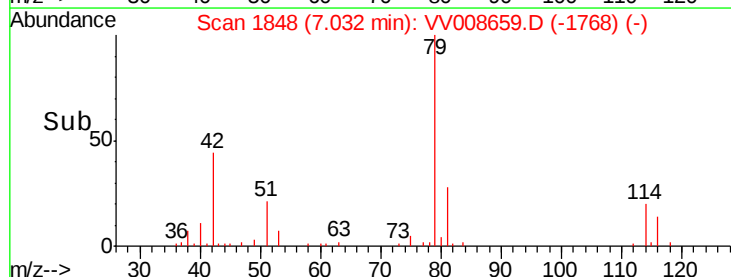
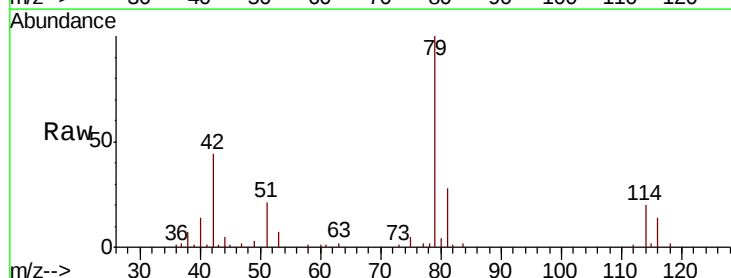
Instrument :
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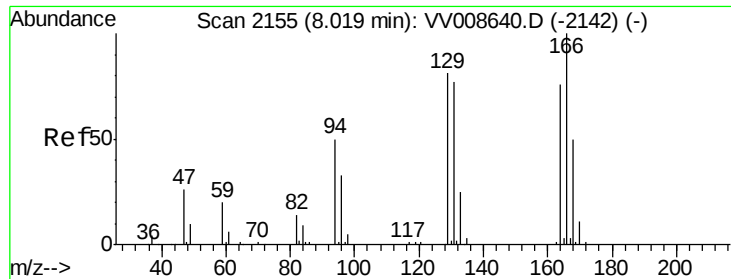
Tgt Ion: 63 Resp: 5721
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008659.D
 Acq: 19 Nov 2018 19:03

Tgt Ion: 75 Resp: 1211
 Ion Ratio Lower Upper
 75 100
 77 45.6 23.0 42.8#





#47

Tetrachloroethene

Concen: 0.813 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008659.D

Acq: 19 Nov 2018 19:03

Instrument :

MSVOA_V

ClientSampleId :

H0FN7

Tgt Ion: 164 Resp: 6510

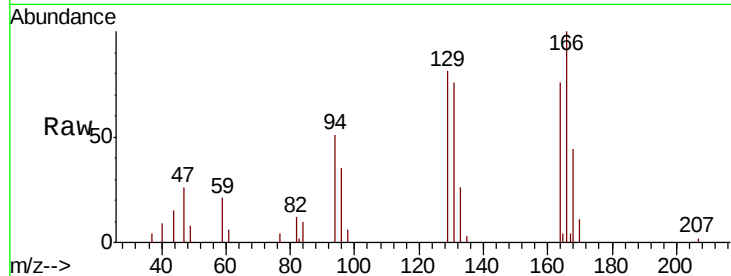
Ion Ratio Lower Upper

164 100

129 106.4 67.5 125.4

131 99.8 66.4 123.4

166 132.1 85.8 159.3

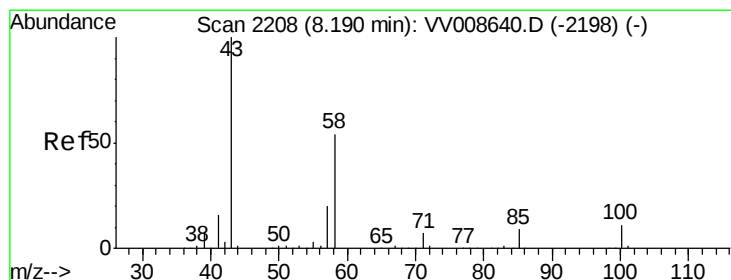
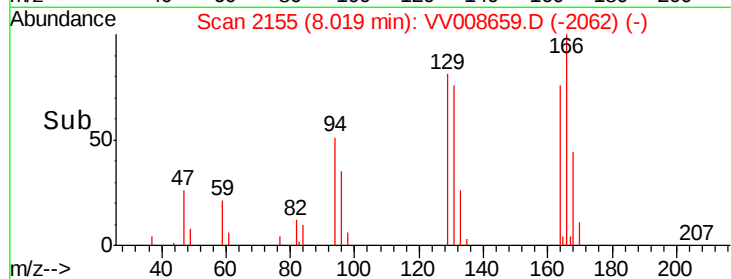
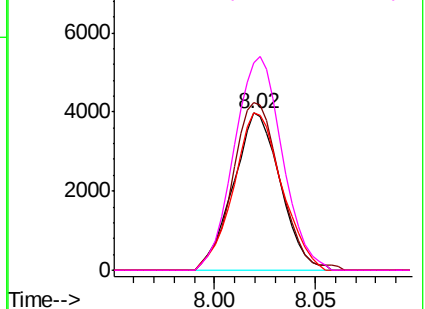


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.469 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV008659.D

Acq: 19 Nov 2018 19:03

Tgt Ion: 43 Resp: 10729

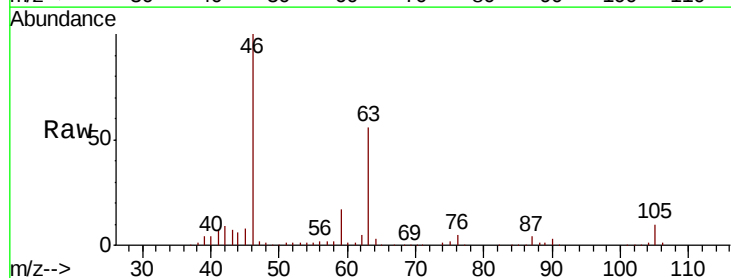
Ion Ratio Lower Upper

43 100

58 30.4 41.8 62.8#

57 29.9 15.4 23.0#

100 0.0 8.7 13.1#

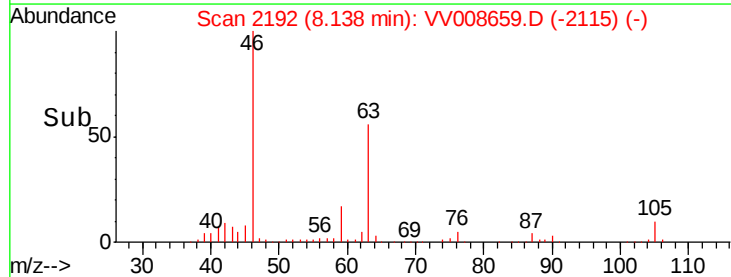
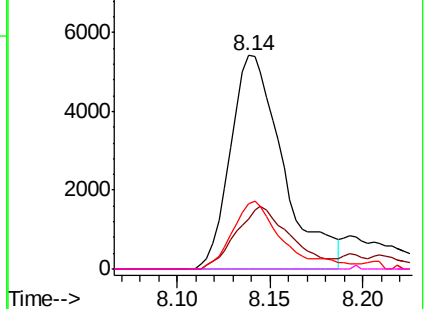


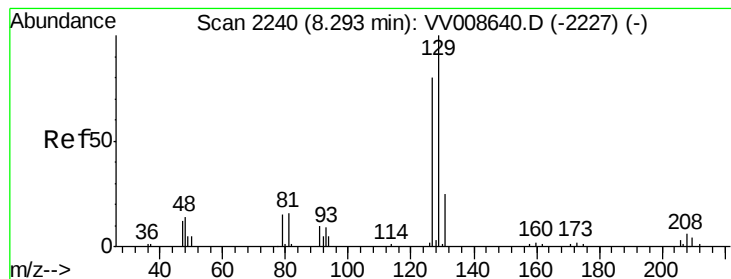
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.854 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008659.D

Acq: 19 Nov 2018 19:03

Instrument :

MSVOA_V

ClientSampleId :

H0FN7

Tgt Ion:129 Resp: 6797

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

