

Data File : VV008251.D
Acq On : 11 Oct 2018 00:10
Operator : SY/MD
Sample : J5315-15 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JA6

Quant Time: Oct 11 02:04:57 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	82263	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80477	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18455	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.58	69	16771	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.13	63	26676	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	3.98	46	76240	62.76	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.52%
24) Chloroform-d	4.41	84	48799	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.09	65	25550	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	86732	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.12	67	30221	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	69637	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	7.67	79	9454	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	49164	54.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22752	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	30730	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

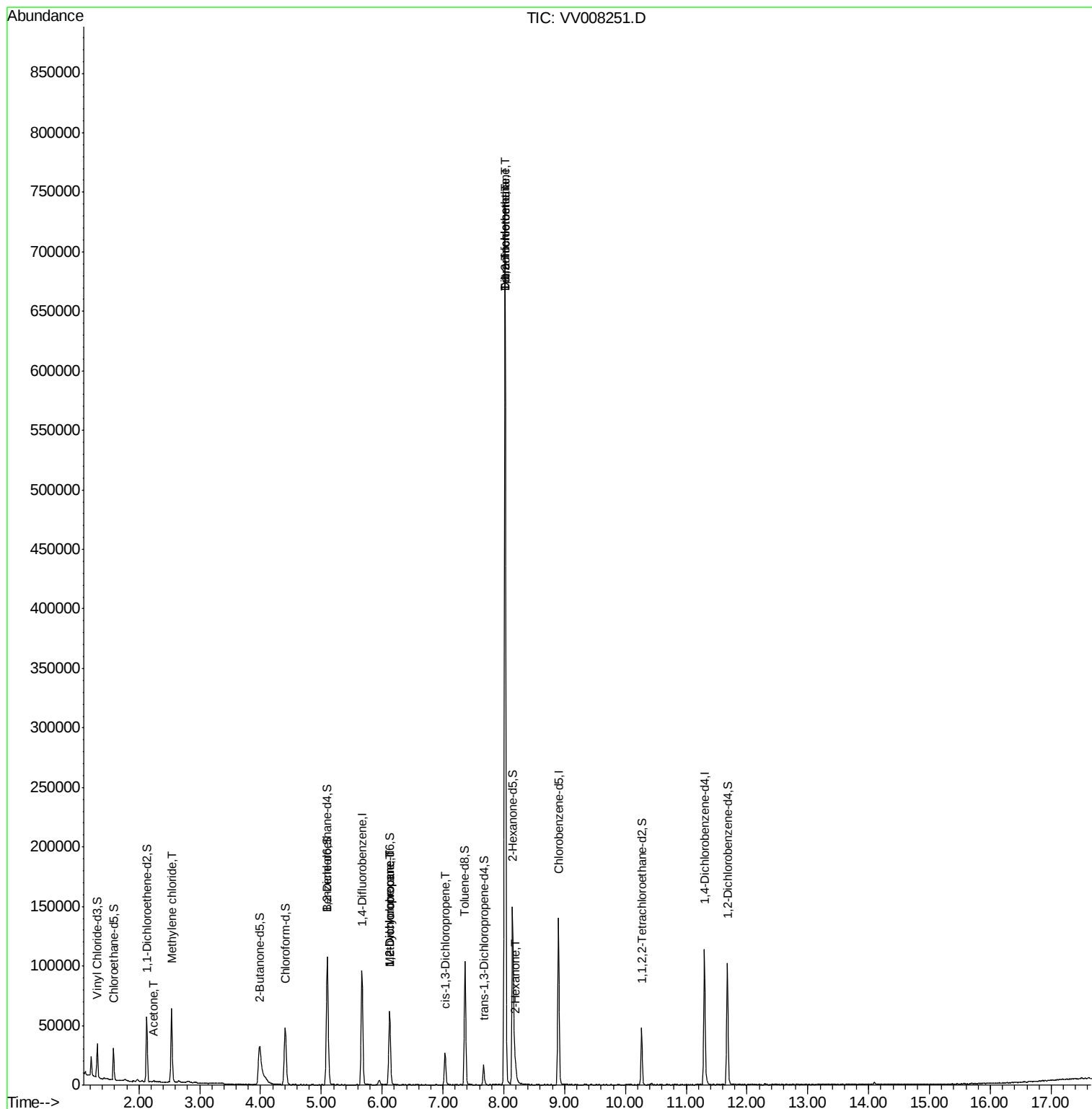
						Qvalue
13) Acetone	2.24	43	1648	2.002	ug/L	63
16) Methylene chloride	2.54	84	24805	4.588	ug/L	98
35) Methylcyclohexane	6.12	83	7214	0.871	ug/L #	23
37) 1,2-Dichloropropane	6.12	63	3049	0.556	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	663	0.094	ug/L #	52
45) 1,1,2-Trichloroethane	8.02	97	1323	0.344	ug/L #	5
47) Tetrachloroethene	8.02	164	176574	33.362	ug/L	97
48) 2-Hexanone	8.20	43	8379	3.975	ug/L #	84
49) Dibromochloromethane	8.02	129	145638	30.375	ug/L #	11

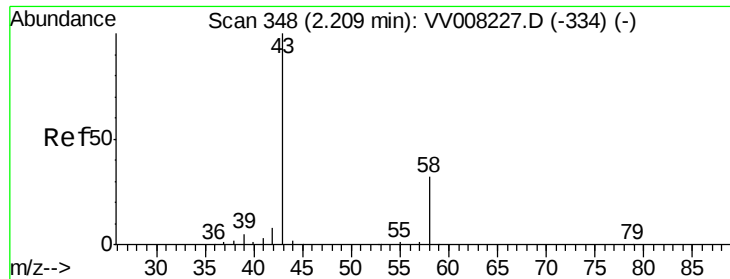
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.002 ug/L

RT: 2.24 min Scan# 356

Delta R.T. 0.03 min

Lab File: VV008251.D

Acq: 11 Oct 2018 00:10

Instrument :

MSVOA_V

ClientSampleId :

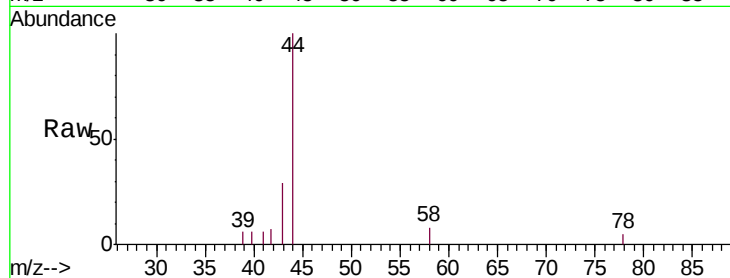
C0JA6

Tgt Ion: 43 Resp: 1648

Ion Ratio Lower Upper

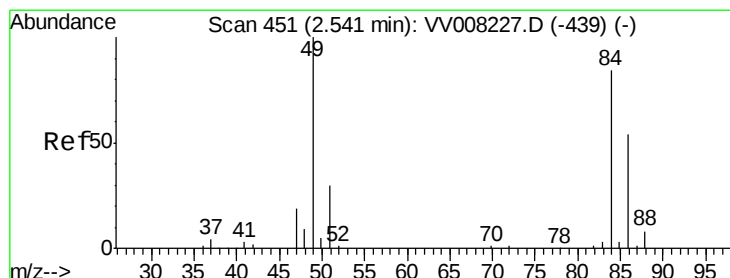
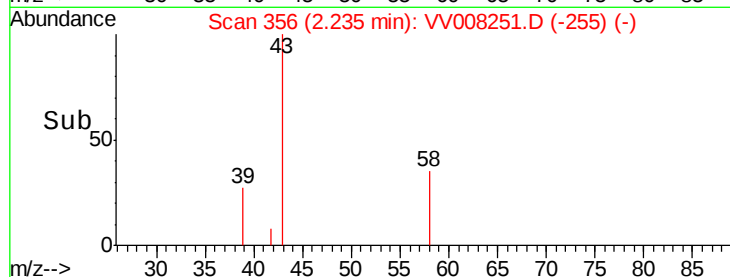
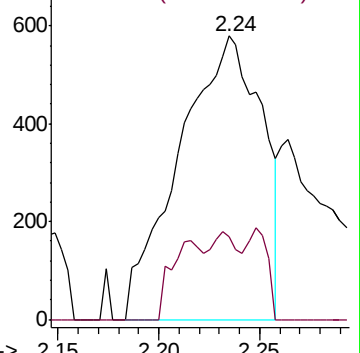
43 100

58 11.0 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 4.588 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008251.D

Acq: 11 Oct 2018 00:10

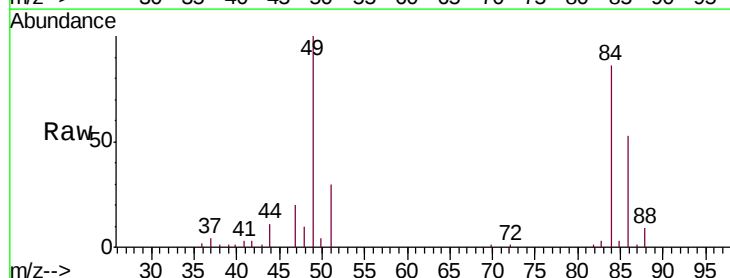
Tgt Ion: 84 Resp: 24805

Ion Ratio Lower Upper

84 100

86 61.7 45.3 84.1

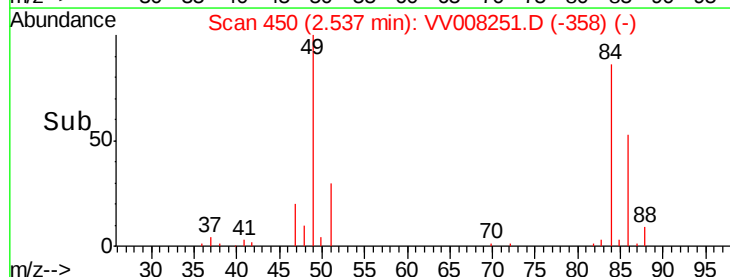
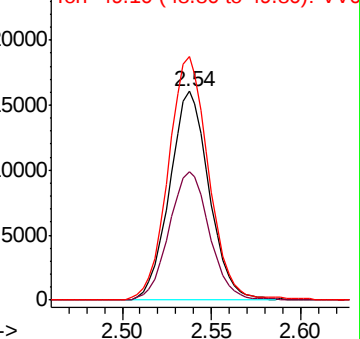
49 116.5 83.0 154.1

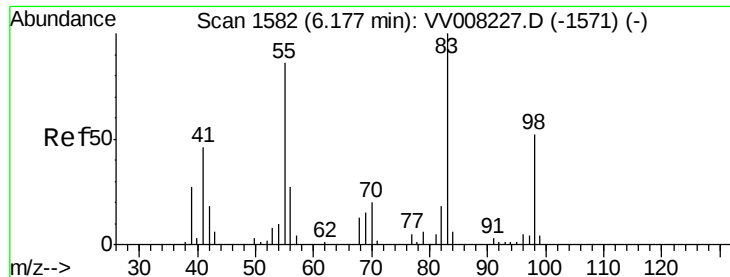


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

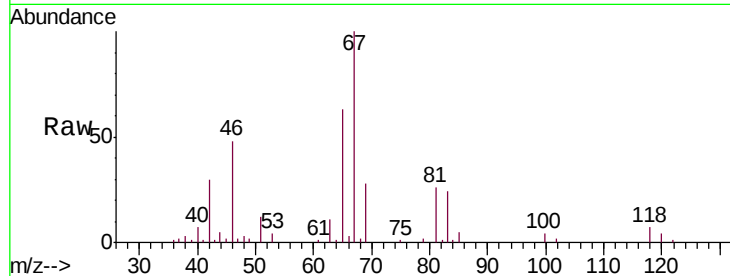




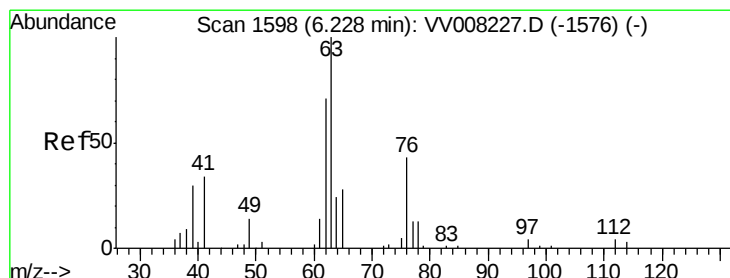
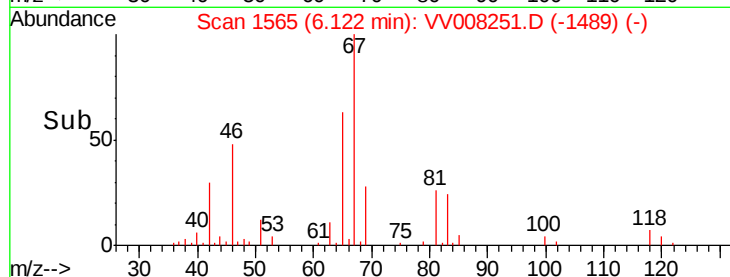
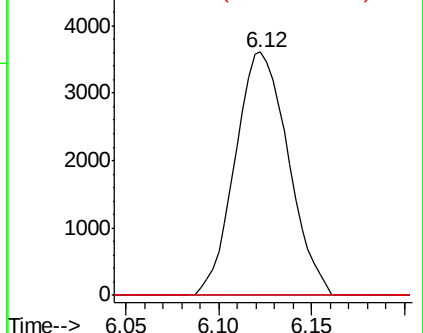
#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008251.D
Acq: 11 Oct 2018 00:10

Instrument :
MSVOA_V
ClientSampleId :
C0JA6

Tgt Ion: 83 Resp: 7214
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 11.2 38.3 57.5#

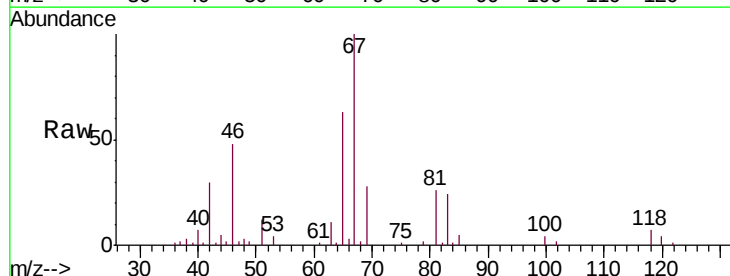


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

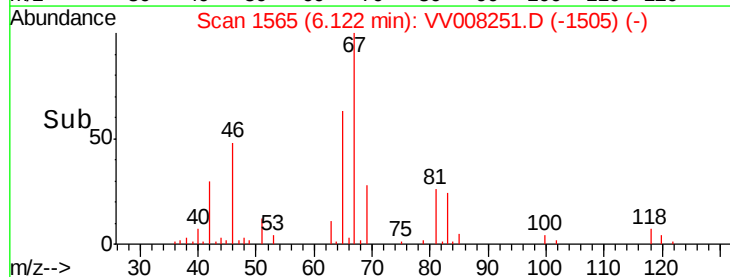
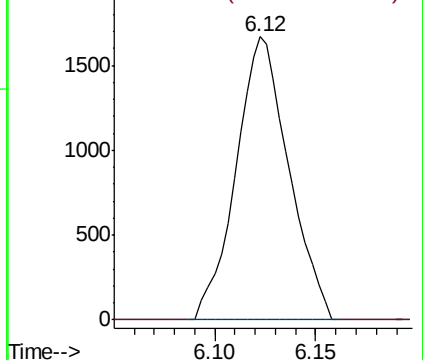


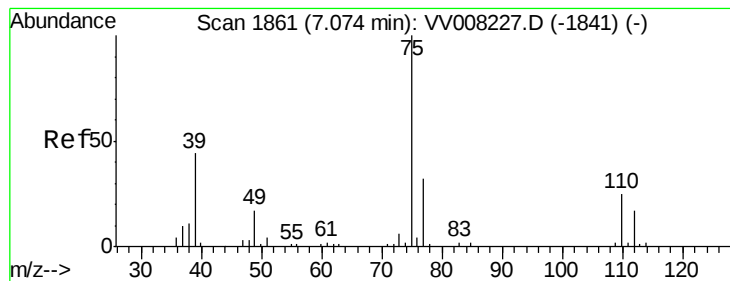
#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV008251.D
Acq: 11 Oct 2018 00:10

Tgt Ion: 63 Resp: 3049
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



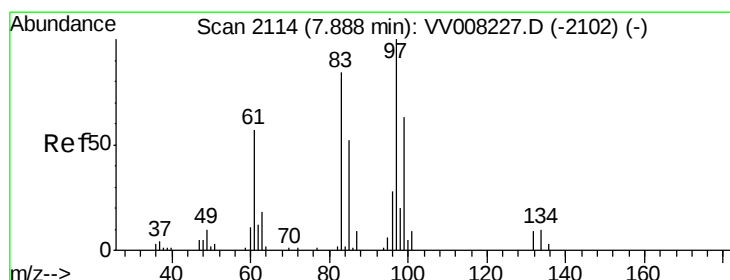
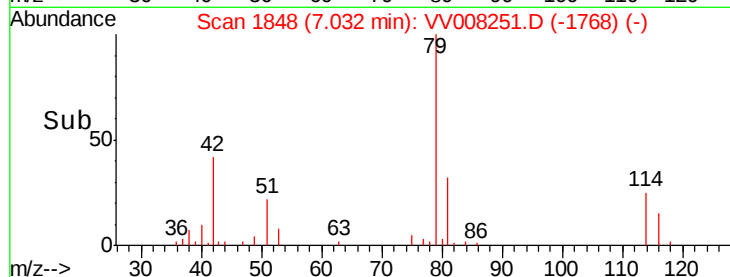
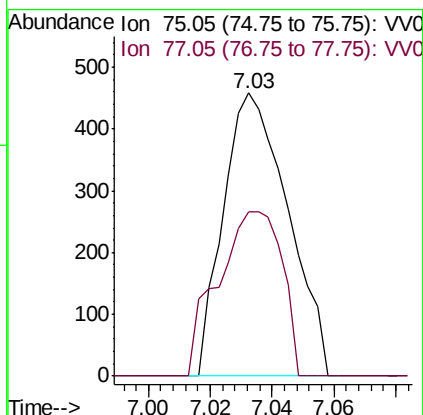
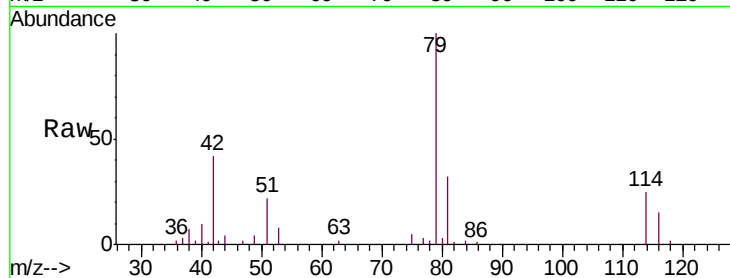


#39

cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008251.D
Acq: 11 Oct 2018 00:10

Instrument :
MSVOA_V
ClientSampleId :
C0JA6

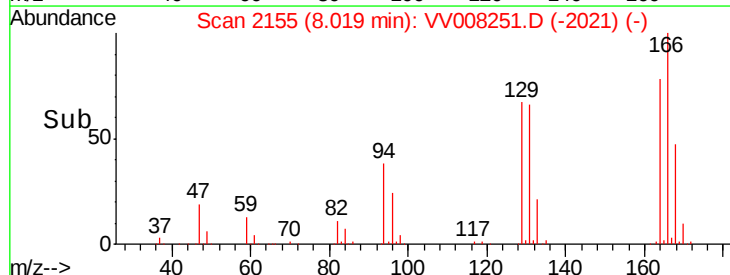
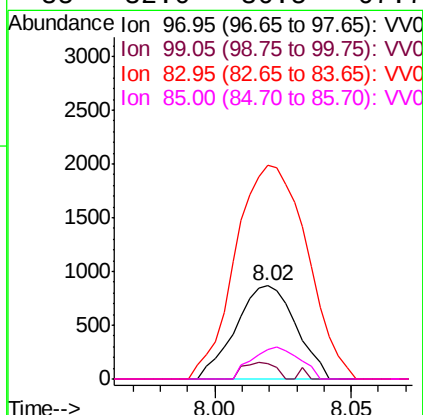
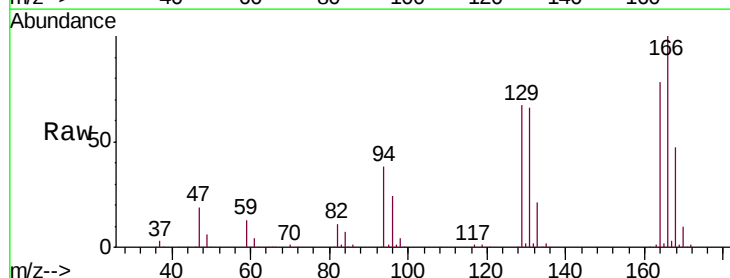
Tgt Ion: 75 Resp: 663
Ion Ratio Lower Upper
75 100
77 58.1 22.1 41.1#

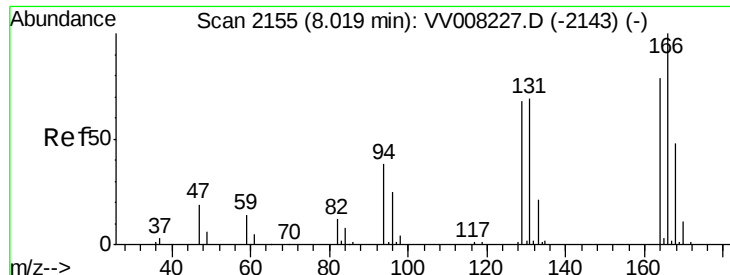


#45

1,1,2-Trichloroethane
Concen: 0.344 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.13 min
Lab File: VV008251.D
Acq: 11 Oct 2018 00:10

Tgt Ion: 97 Resp: 1323
Ion Ratio Lower Upper
97 100
99 17.0 42.6 79.0#
83 229.6 57.5 106.7#
85 32.0 36.5 67.7#





#47

Tetrachloroethene

Concen: 33.362 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008251.D

Acq: 11 Oct 2018 00:10

Instrument :

MSVOA_V

ClientSampleId :

C0JA6

Tgt Ion:164 Resp: 176574

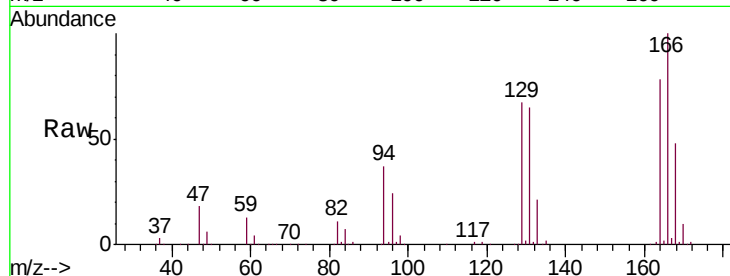
Ion Ratio Lower Upper

164 100

129 85.5 62.2 115.4

131 83.7 60.5 112.5

166 128.4 92.1 171.1

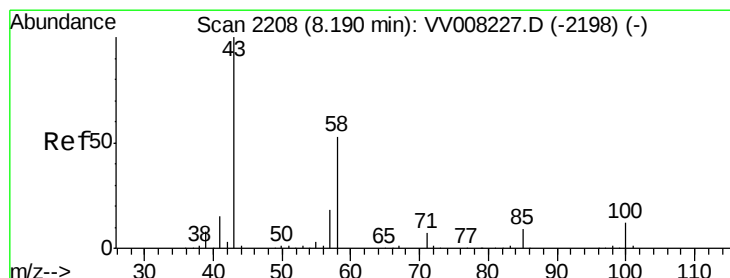
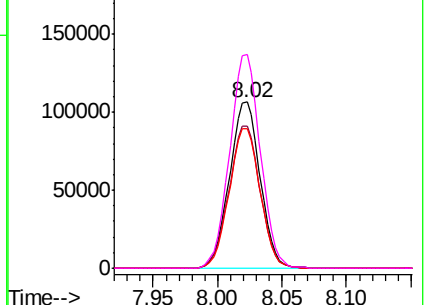
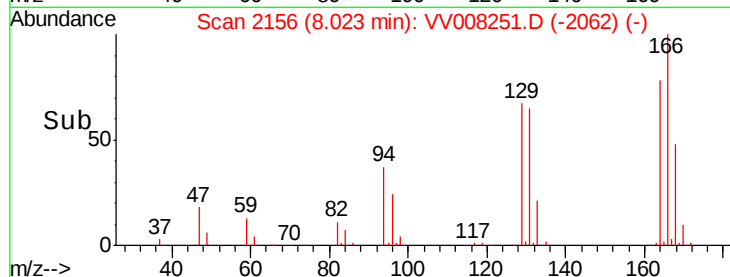


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.975 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VV008251.D

Acq: 11 Oct 2018 00:10

Tgt Ion: 43 Resp: 8379

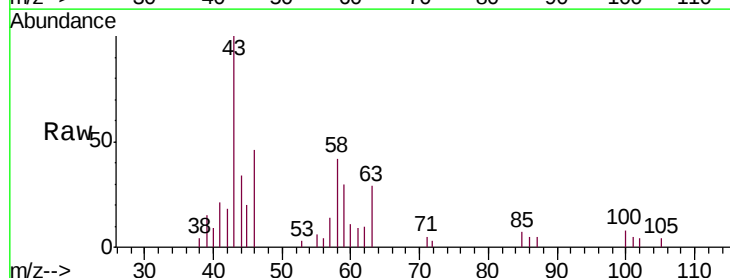
Ion Ratio Lower Upper

43 100

58 37.5 40.5 60.7#

57 13.9 14.6 22.0#

100 5.9 9.3 13.9#

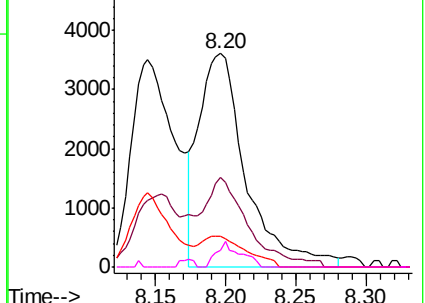
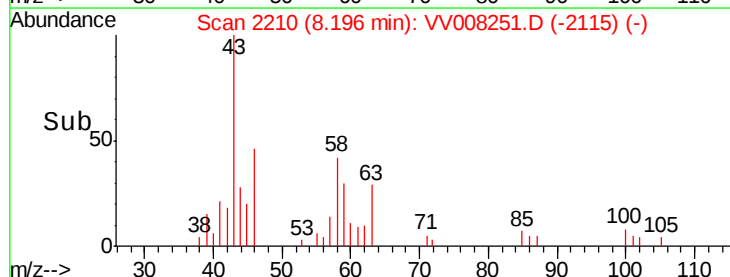


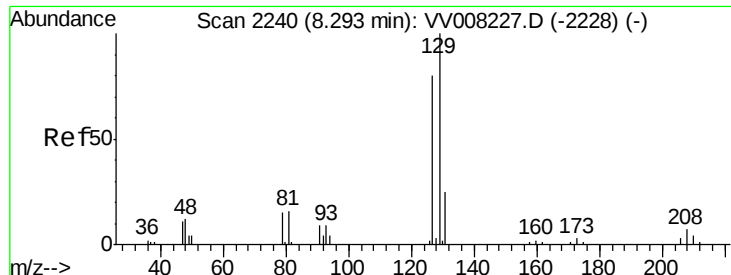
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 30.375 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008251.D

Acq: 11 Oct 2018 00:10

Instrument :

MSVOA_V

ClientSampleId :

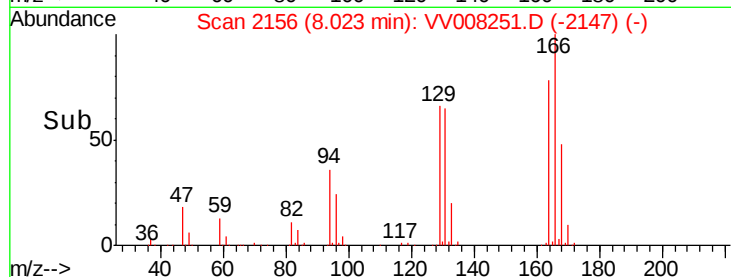
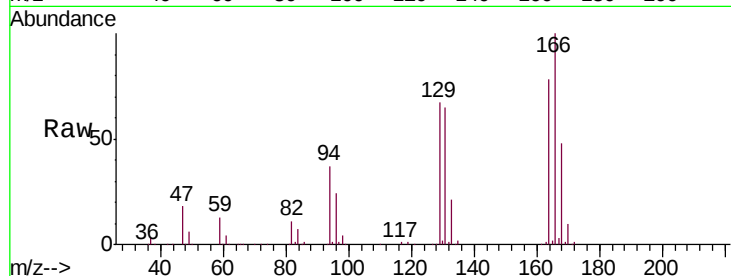
C0JA6

Tgt Ion:129 Resp: 145638

Ion Ratio Lower Upper

129 100

127 0.1 54.5 101.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

