

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006842.D
 Acq On : 03 Aug 2018 07:33
 Operator : SY/MD
 Sample : J4261-04
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 09:09:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	228988	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	212546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81901	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	79269	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.13	63	121603	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	3.95	46	242898	63.15	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.30%
24) Chloroform-d	4.41	84	160060	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.09	65	84434	6.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.60%
32) Benzene-d6	5.10	84	306517	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	104709	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.37	98	235982	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	29339	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.14	63	152144	51.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84772	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
64) 1,2-Dichlorobenzene-d4	11.68	152	82918	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

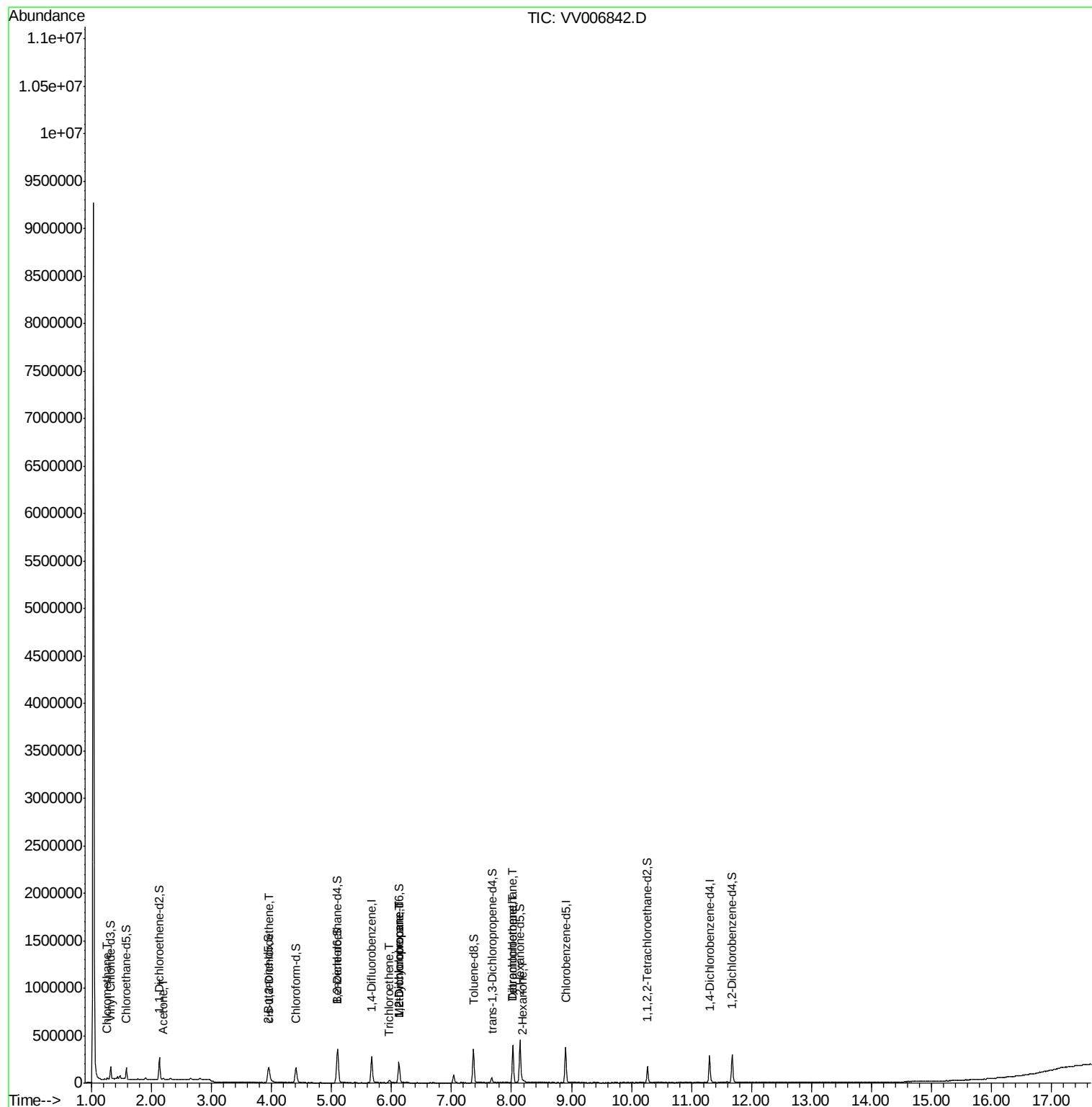
					Ovalue
3) Chloromethane	1.26	50	16054	0.607	ug/L 100
13) Acetone	2.20	43	3646	1.344	ug/L 90
22) cis-1,2-Dichloroethene	3.96	96	7502	0.438	ug/L 98
34) Trichloroethene	5.97	95	7836	0.471	ug/L 92
35) Methylcyclohexane	6.12	83	24378	0.924	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	10343	0.604	ug/L # 89
47) Tetrachloroethene	8.02	164	93205	7.039	ug/L 97
48) 2-Hexanone	8.19	43	4002	0.622	ug/L # 66
49) Dibromochloromethane	8.02	129	79764	6.374	ug/L # 10

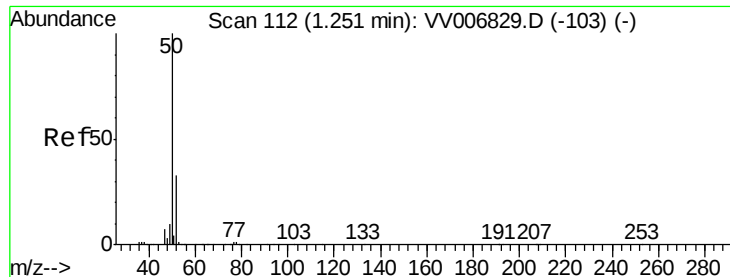
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.607 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: VV006842.D

Acq: 03 Aug 2018 07:33

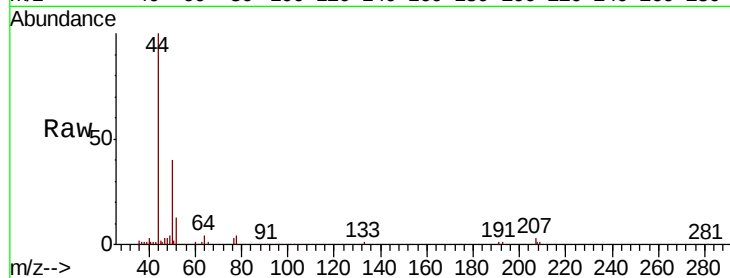
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 16054

Ion Ratio Lower Upper

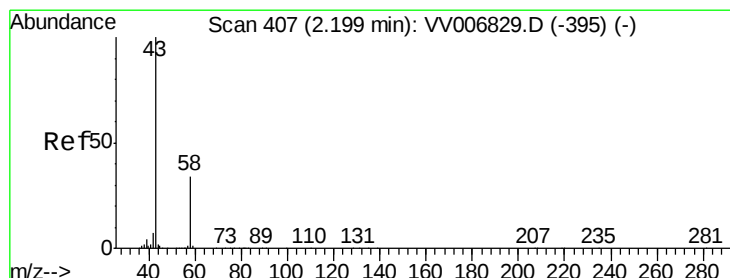
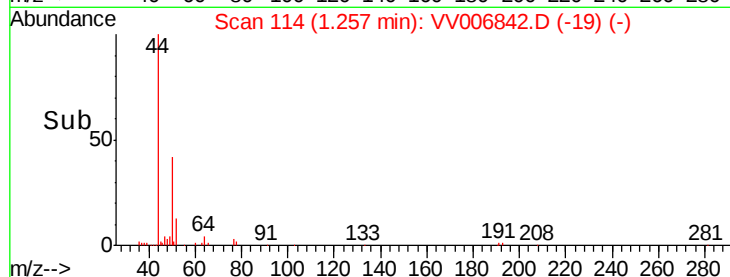
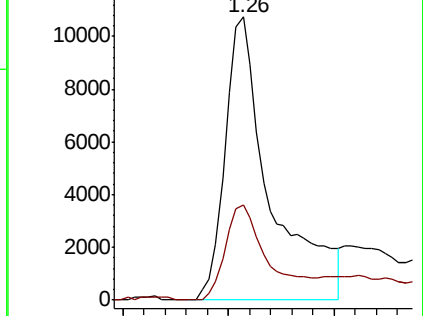
50 100

52 33.6 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 1.344 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV006842.D

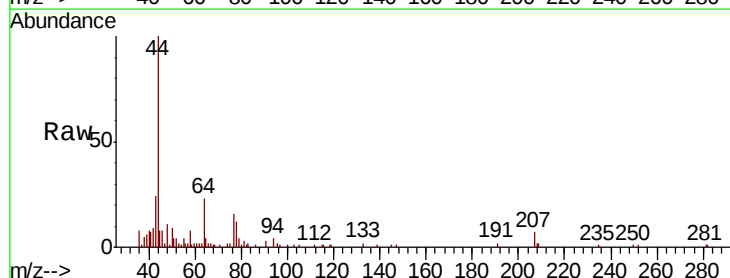
Acq: 03 Aug 2018 07:33

Tgt Ion: 43 Resp: 3646

Ion Ratio Lower Upper

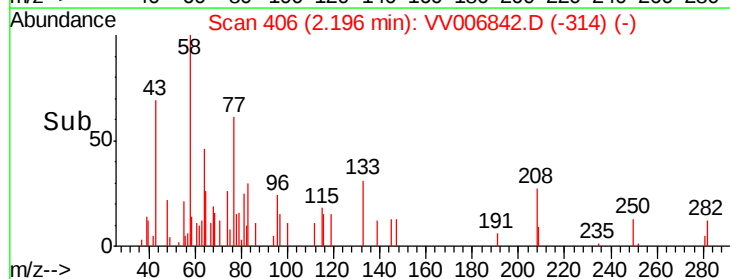
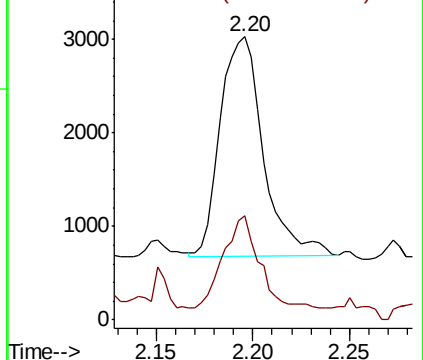
43 100

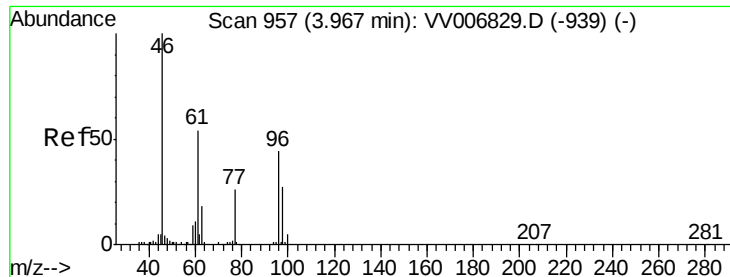
58 40.2 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



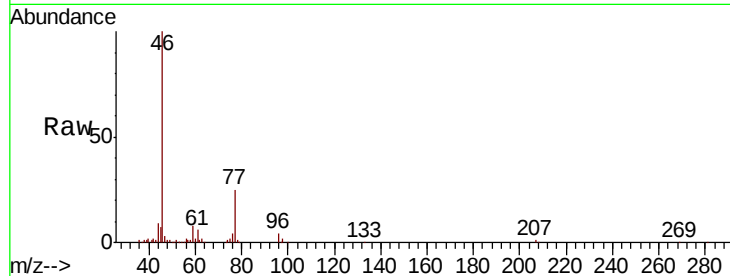


#22

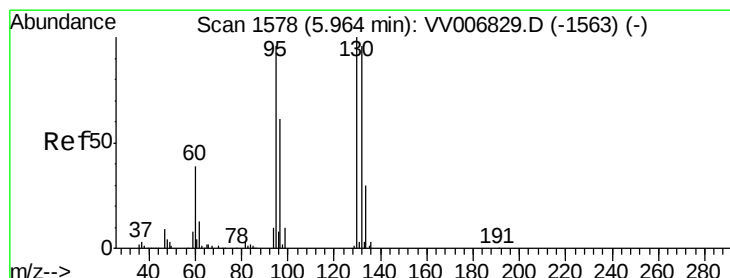
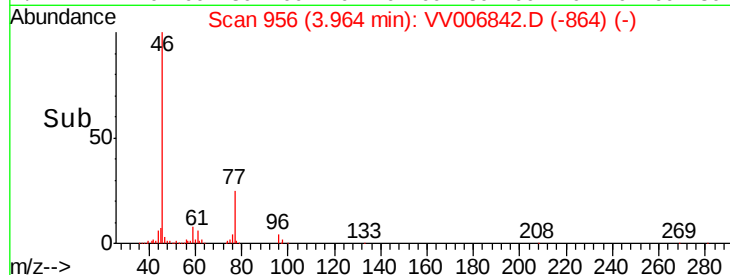
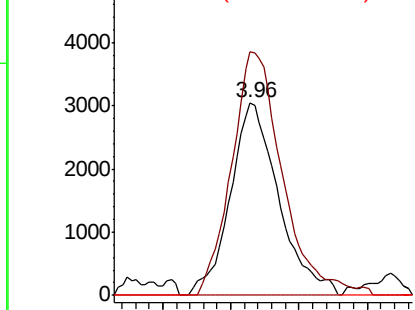
cis-1,2-Dichloroethene
Concen: 0.438 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006842.D
Acq: 03 Aug 2018 07:33

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 7502
Ion Ratio Lower Upper
96 100
61 126.4 86.6 160.8
68 0.0 0.0 0.0



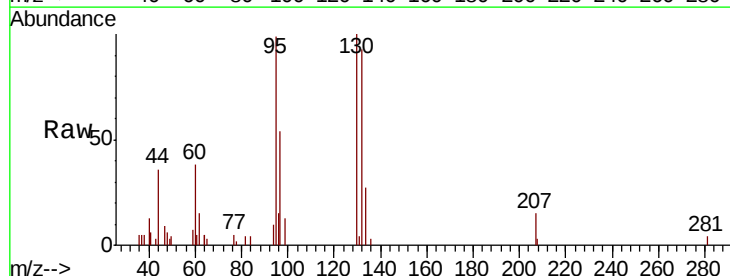
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



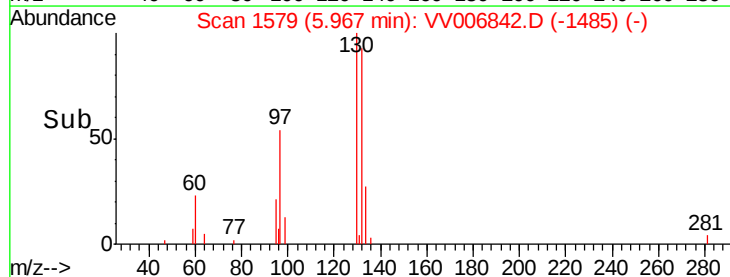
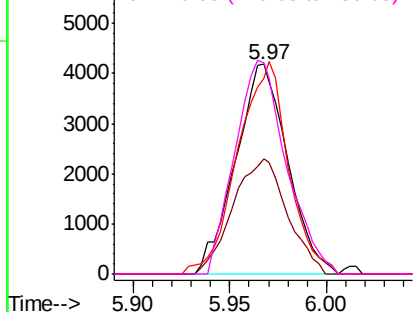
#34

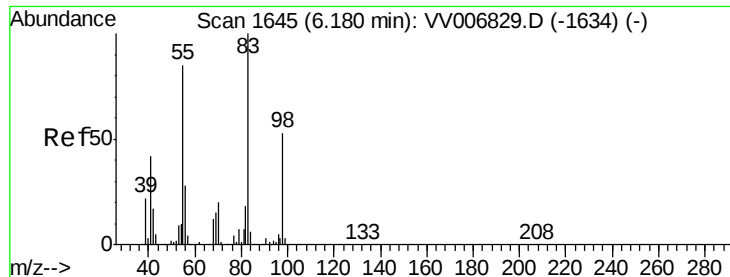
Trichloroethene
Concen: 0.471 ug/L
RT: 5.97 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VV006842.D
Acq: 03 Aug 2018 07:33

Tgt Ion: 95 Resp: 7836
Ion Ratio Lower Upper
95 100
97 55.0 46.3 86.1
132 93.9 72.0 133.6
130 101.1 72.4 134.4



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: 0.924 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

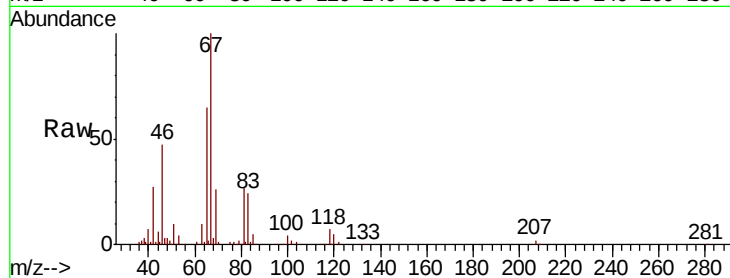
Lab File: VV006842.D

Acq: 03 Aug 2018 07:33

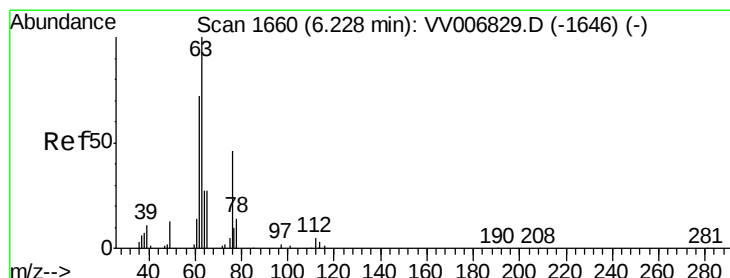
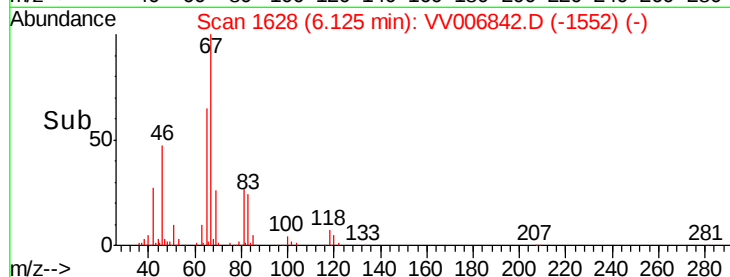
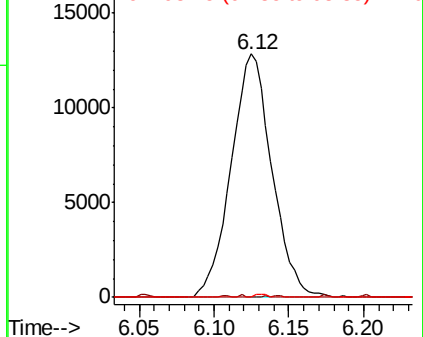
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 24378

Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.8	92.6#
98	0.0	37.2	55.8#



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: 0.604 ug/L

RT: 6.12 min Scan# 1628

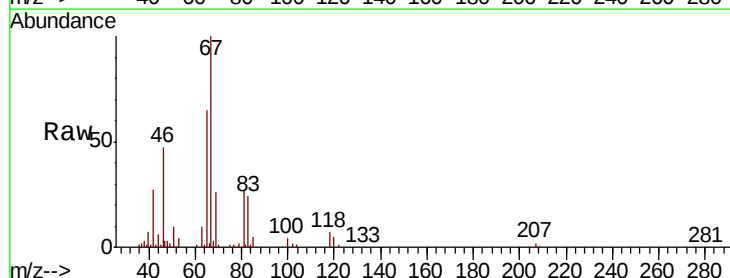
Delta R.T. -0.10 min

Lab File: VV006842.D

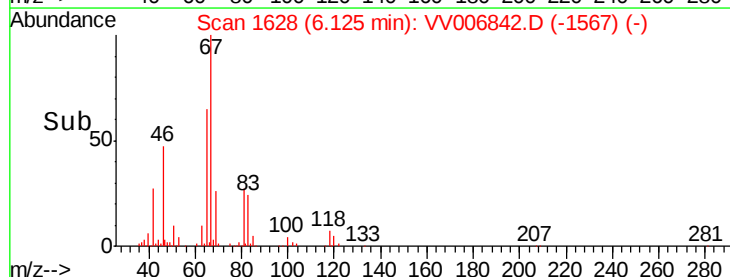
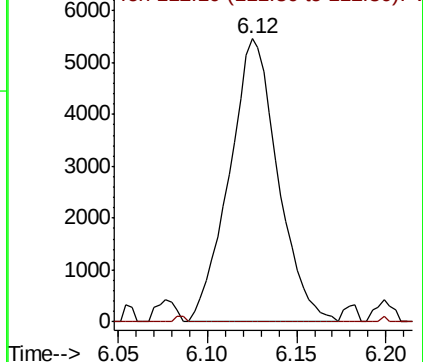
Acq: 03 Aug 2018 07:33

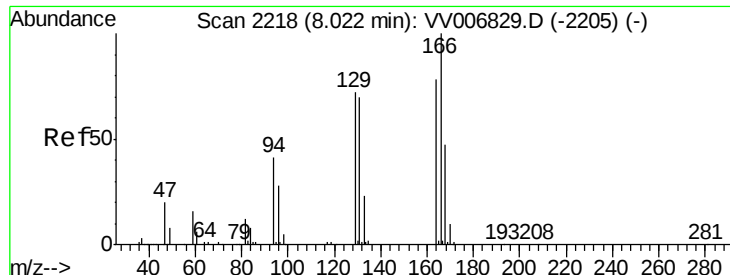
Tgt Ion: 63 Resp: 10343

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.0	4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 7.039 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006842.D

Acq: 03 Aug 2018 07:33

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 93205

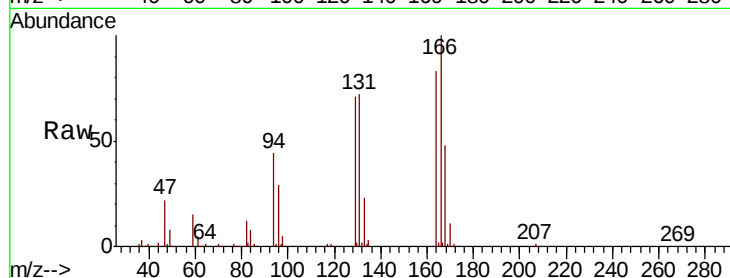
Ion Ratio Lower Upper

164 100

129 85.6 61.1 113.5

131 86.0 59.1 109.7

166 119.9 88.3 163.9

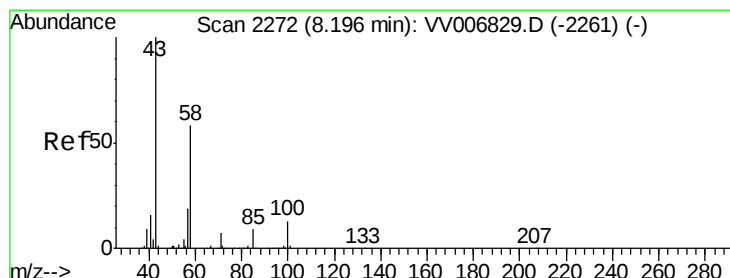
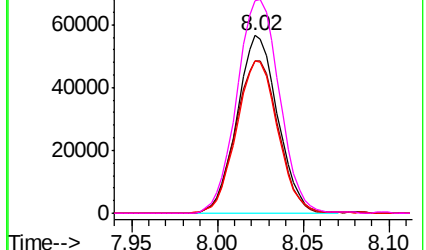
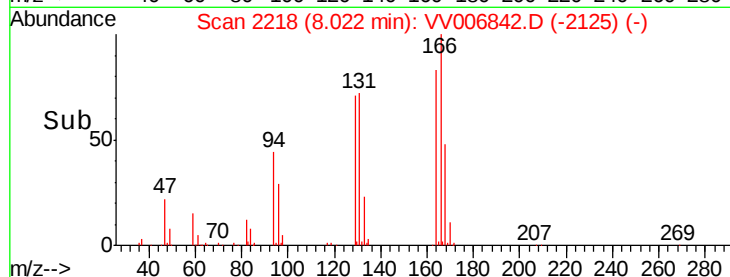


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.622 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006842.D

Acq: 03 Aug 2018 07:33

Tgt Ion: 43 Resp: 4002

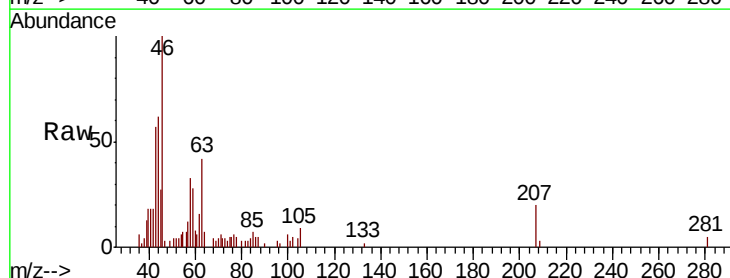
Ion Ratio Lower Upper

43 100

58 81.9 45.4 68.0#

57 44.8 15.4 23.2#

100 13.0 10.6 16.0

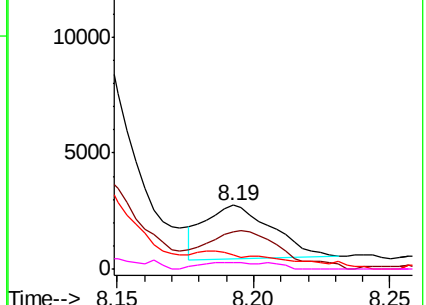
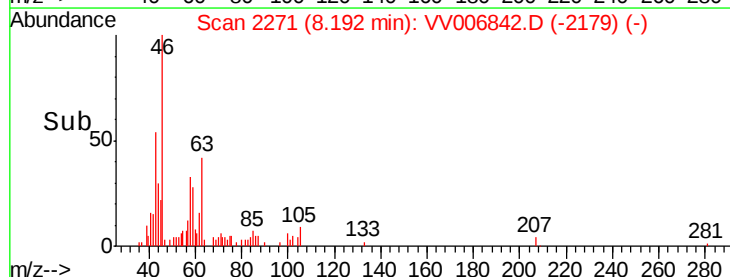


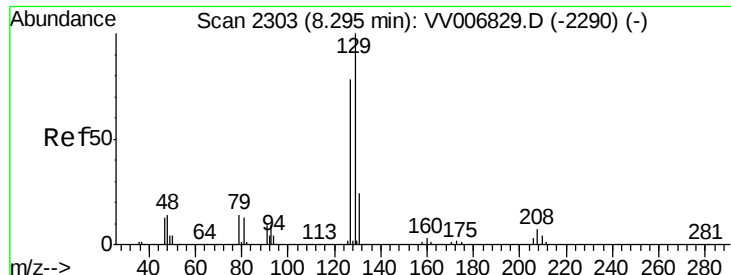
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 6.374 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006842.D

Acq: 03 Aug 2018 07:33

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:129 Resp: 79764

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#

