

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
 Data File : VV007318.D
 Acq On : 31 Aug 2018 22:48
 Operator : SY/MD
 Sample : J4665-13DL 10X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA7DL

Quant Time: Sep 01 01:01:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:00:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	635685	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	605160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	223190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195074	50.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.56%
7) Chloroethane-d5	1.58	69	130611	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.98%
11) 1,1-Dichloroethene-d2	2.13	63	261938	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
21) 2-Butanone-d5	3.96	46	262724	84.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.57%
24) Chloroform-d	4.41	84	376753	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	5.09	65	235880	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.10	84	767390	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
36) 1,2-Dichloropropane-d6	6.12	67	258085	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.72%
41) Toluene-d8	7.37	98	630057	43.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.64%
43) trans-1,3-Dichloropropene-	7.67	79	101273	42.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.22%
47) 2-Hexanone-d5	8.15	63	166618	82.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	323495	44.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	225740	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

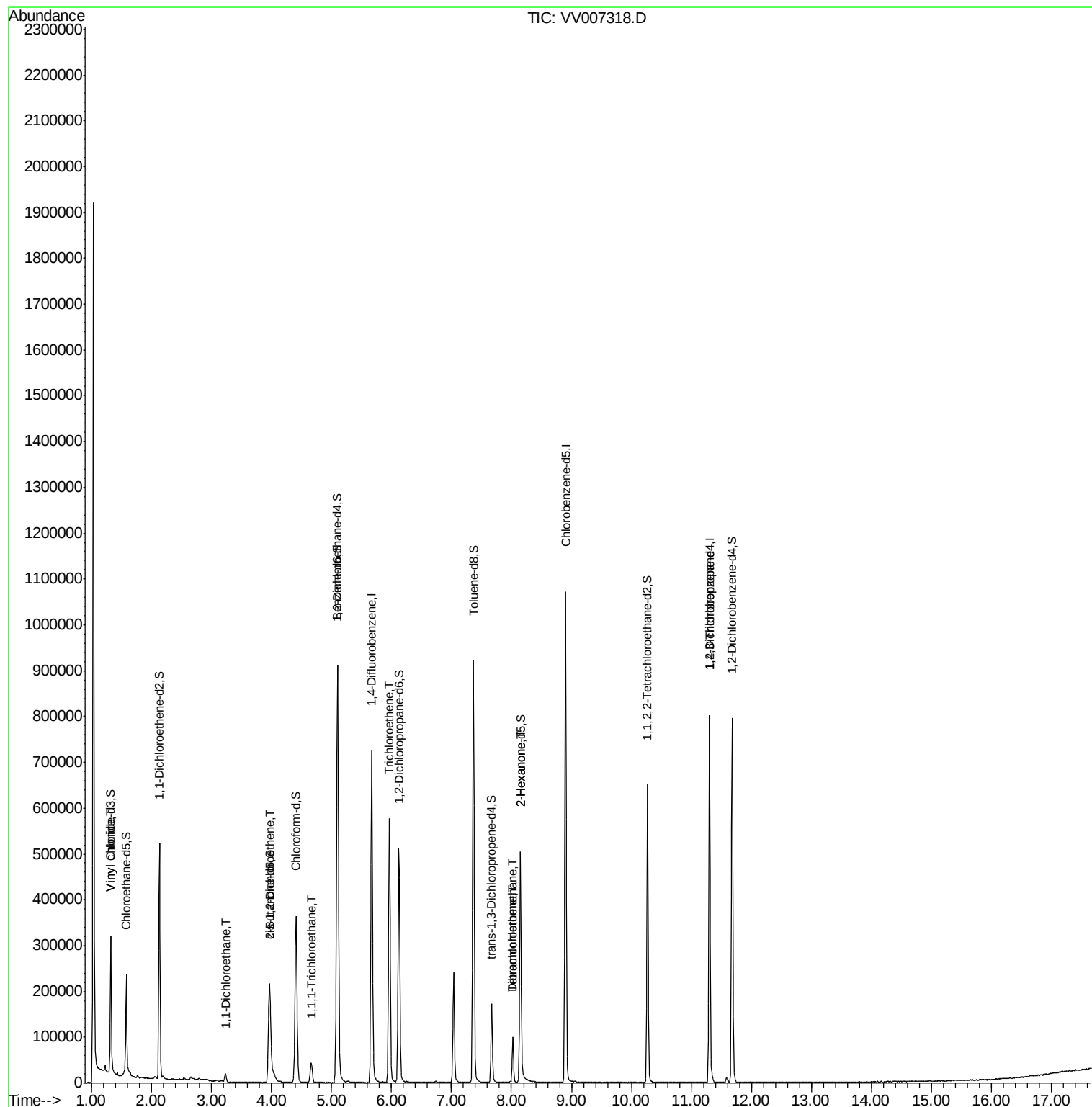
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	17012	3.302	ug/L #	77
19) 1,1-Dichloroethane	3.23	63	18254	2.173	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	43496	9.093	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	34741	5.044	ug/L	99
34) Trichloroethene	5.96	95	200003	45.034	ug/L	98
46) Tetrachloroethene	8.02	164	23630	6.347	ug/L	97
48) 2-Hexanone	8.15	43	21700	4.751	ug/L #	74
49) Dibromochloromethane	8.02	129	20174	4.172	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	25914	4.413	ug/L	95

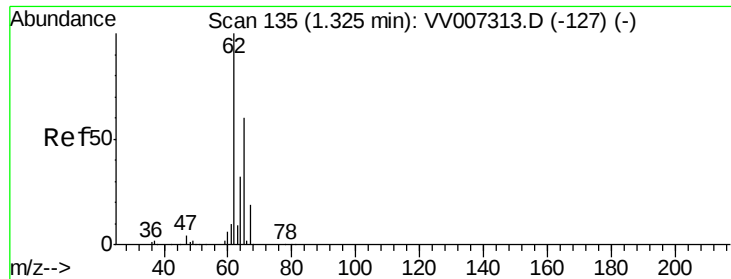
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
Data File : VV007318.D
Acq On : 31 Aug 2018 22:48
Operator : SY/MD
Sample : J4665-13DL 10X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AA7DL

Quant Time: Sep 01 01:01:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:00:35 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.302 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

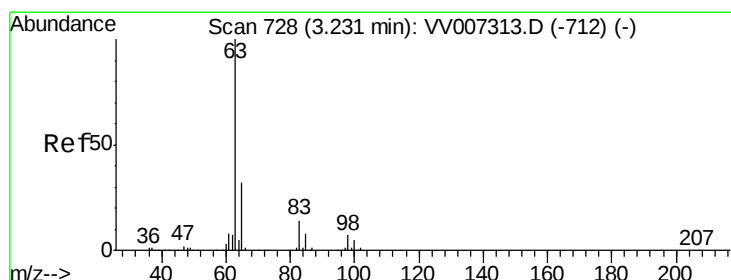
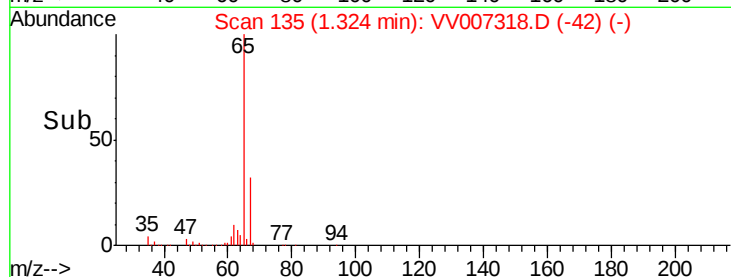
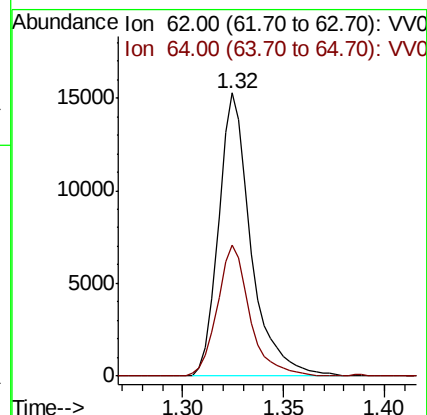
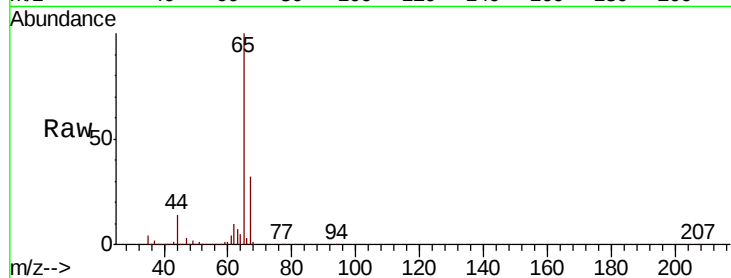
E0AA7DL

Tgt Ion: 62 Resp: 17012

Ion Ratio Lower Upper

62 100

64 46.1 23.2 43.0#



#19

1,1-Dichloroethane

Concen: 2.173 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

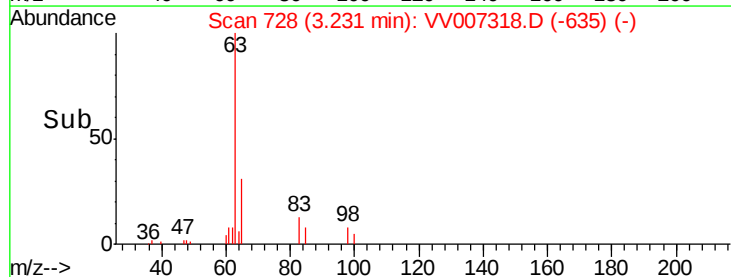
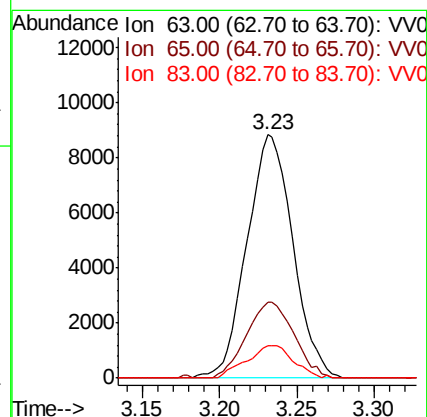
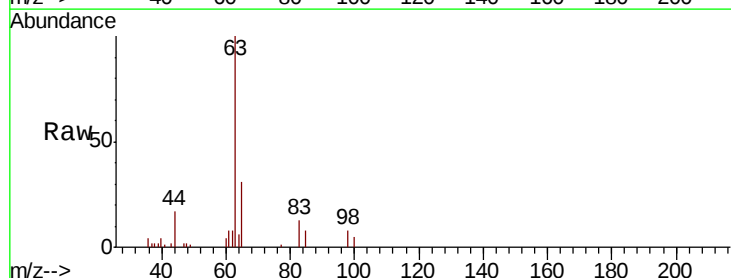
Tgt Ion: 63 Resp: 18254

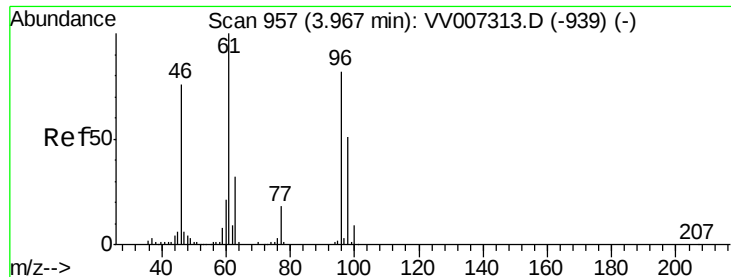
Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 13.2 8.8 16.4





#20

cis-1,2-Dichloroethene

Concen: 9.093 ug/L

RT: 3.97 min Scan# 957

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

E0AA7DL

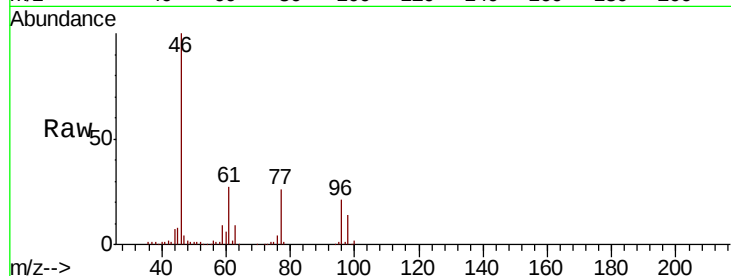
Tgt Ion: 96 Resp: 43496

Ion Ratio Lower Upper

96 100

61 126.9 88.4 164.2

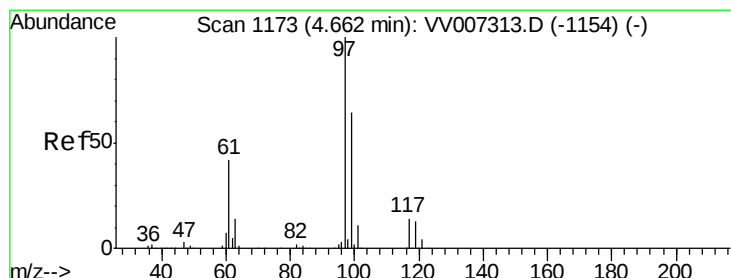
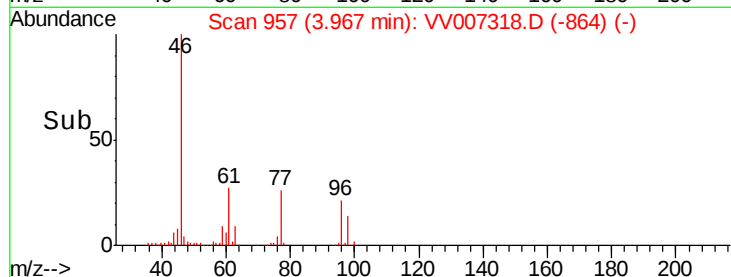
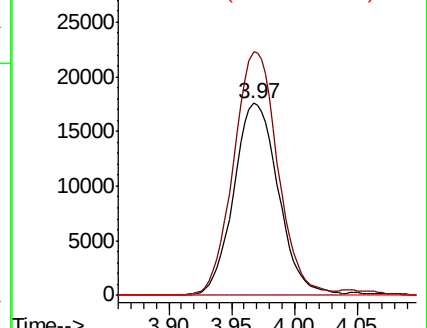
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0



#30

1,1,1-Trichloroethane

Concen: 5.044 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

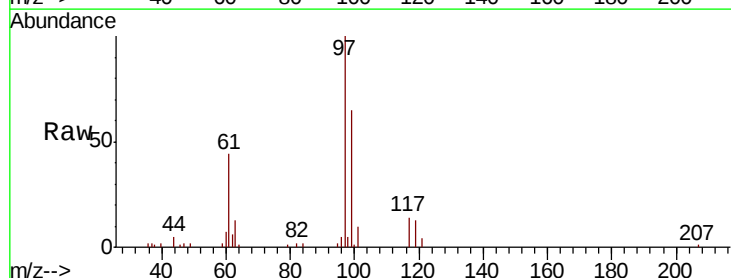
Tgt Ion: 97 Resp: 34741

Ion Ratio Lower Upper

97 100

99 65.9 51.4 77.0

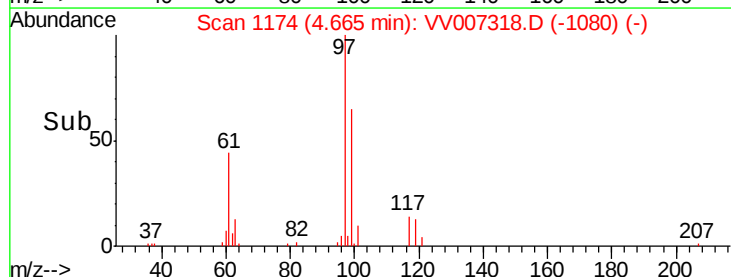
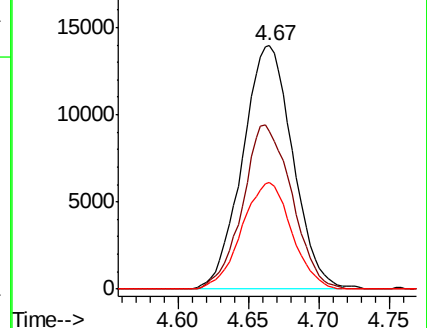
61 43.5 34.6 51.8

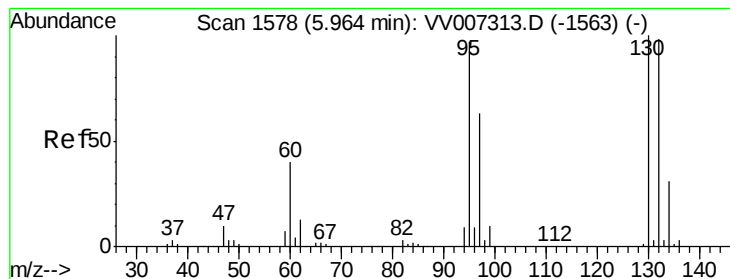


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 45.034 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

E0AA7DL

Tgt Ion: 95 Resp: 200003

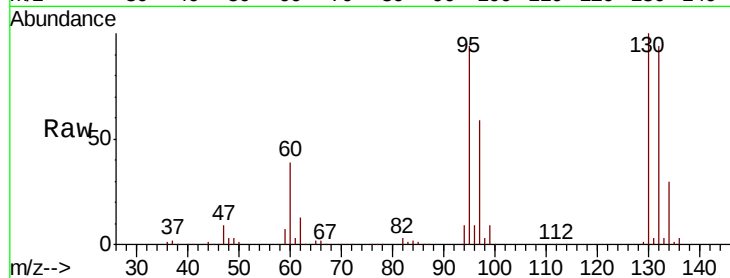
Ion Ratio Lower Upper

95 100

97 63.2 45.1 83.9

132 99.7 68.3 126.9

130 106.4 72.4 134.5

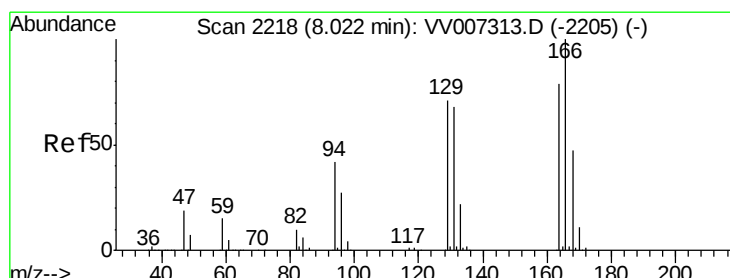
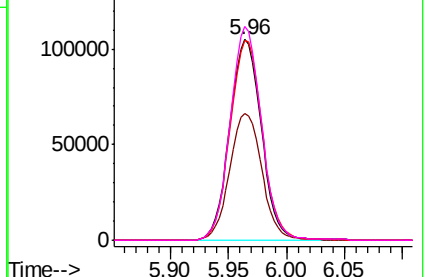
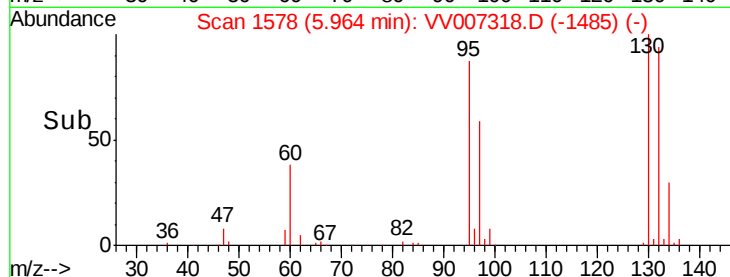


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 6.347 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

Tgt Ion: 164 Resp: 23630

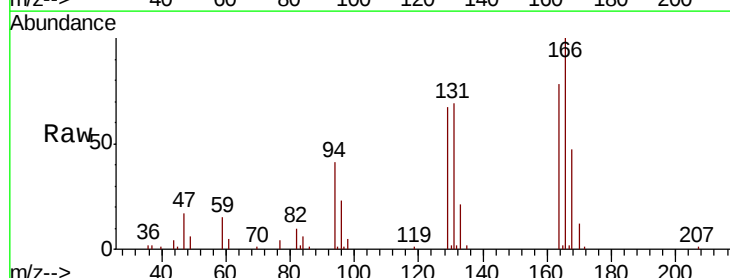
Ion Ratio Lower Upper

164 100

129 86.3 64.5 119.7

131 88.1 61.2 113.8

166 128.6 89.1 165.5

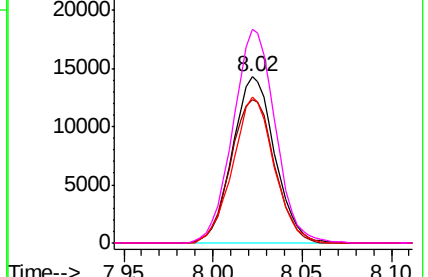
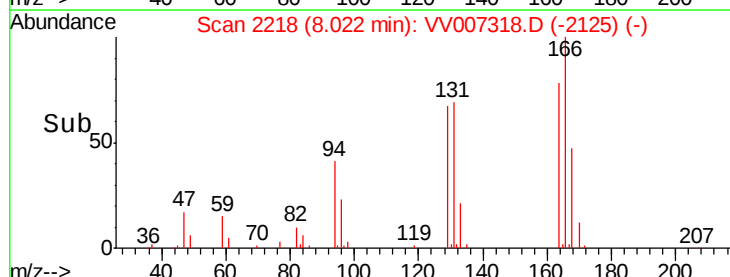


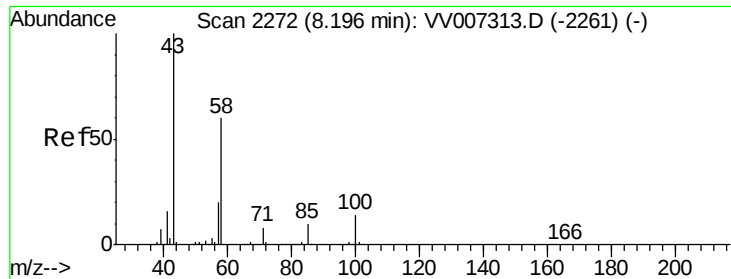
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

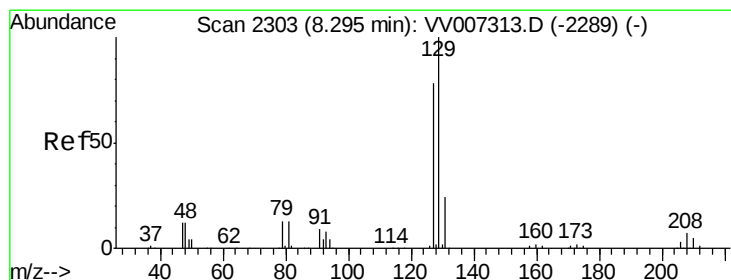
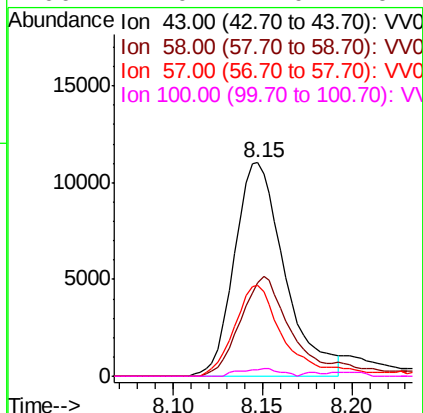
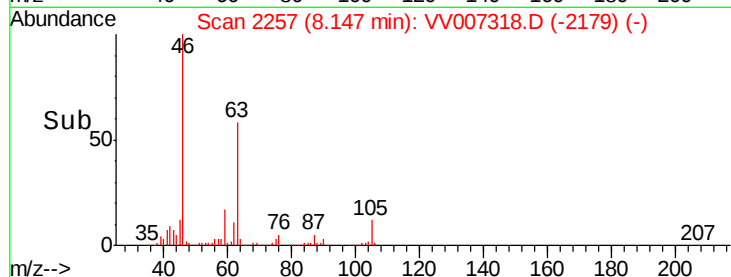
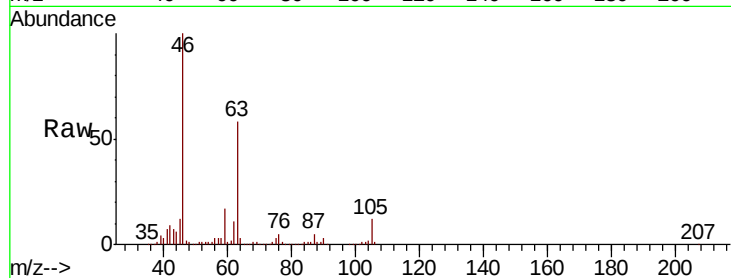




#48
2-Hexanone
Concen: 4.751 ug/L
RT: 8.15 min Scan# 2257
Delta R.T. -0.05 min
Lab File: VV007318.D
Acq: 31 Aug 2018 22:48

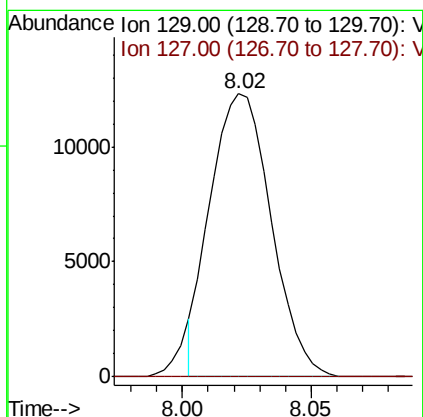
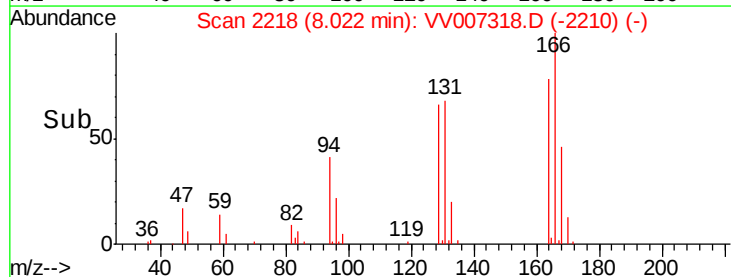
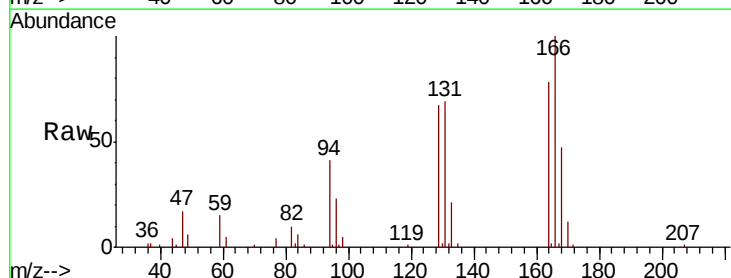
Instrument :
MSVOA_V
ClientSampleId :
E0AA7DL

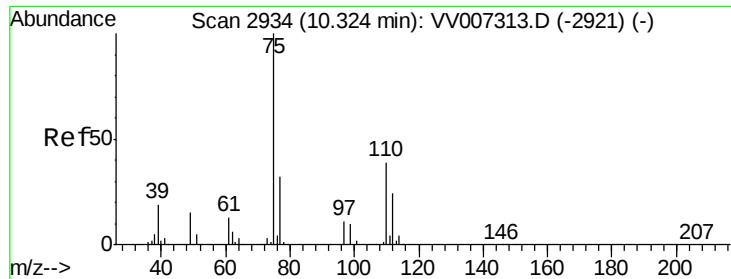
Tgt Ion: 43 Resp: 21700
Ion Ratio Lower Upper
43 100
58 45.1 48.2 72.4#
57 39.5 15.9 23.9#
100 2.0 11.0 16.4#



#49
Dibromochloromethane
Concen: 4.172 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV007318.D
Acq: 31 Aug 2018 22:48

Tgt Ion: 129 Resp: 20174
Ion Ratio Lower Upper
129 100
127 0.0 54.4 101.0#





#59

1,2,3-Trichloropropane

Concen: 4.413 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV007318.D

Acq: 31 Aug 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

E0AA7DL

Tgt Ion: 75 Resp: 25914

Ion Ratio Lower Upper

75 100

77 35.0 25.9 38.9

