

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008006.D
 Acq On : 01 Oct 2018 20:31
 Operator : SY/MD
 Sample : J5159-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC96

Quant Time: Oct 02 04:18:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90826	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23792	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	20514	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	38036	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	65514	44.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.46%
24) Chloroform-d	4.41	84	52618	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	28316	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	102442	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	31974	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	95563	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	10587	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	47735	43.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22618	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	39364	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

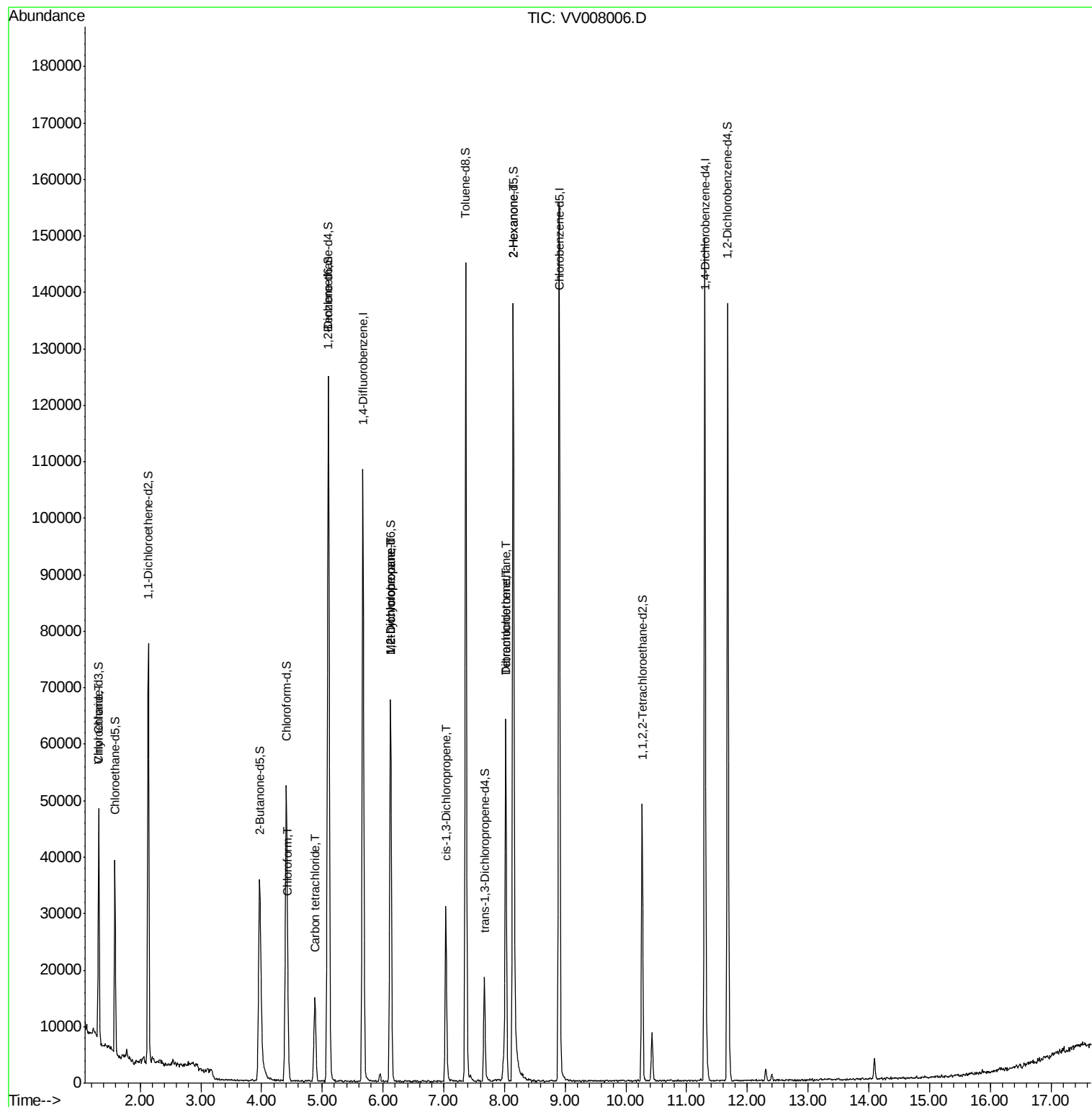
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	353	0.081	ug/L #	1
25) Chloroform	4.44	83	3364	0.275	ug/L	98
31) Carbon tetrachloride	4.88	117	10896	1.198	ug/L	99
35) Methylcyclohexane	6.12	83	7446	0.706	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3654	0.582	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	797	0.095	ug/L #	82
47) Tetrachloroethene	8.02	164	14998	2.300	ug/L	98
48) 2-Hexanone	8.14	43	6557	2.392	ug/L #	75
49) Dibromochloromethane	8.02	129	12129	2.345	ug/L #	12

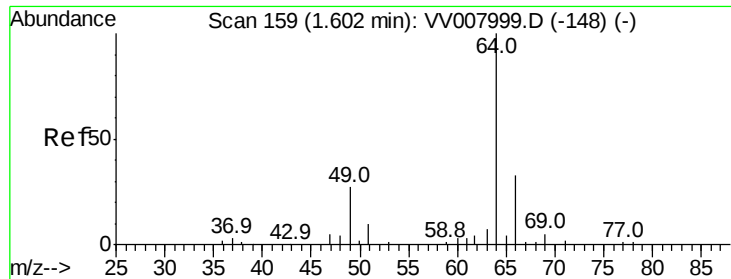
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.081 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008006.D

Acq: 01 Oct 2018 20:31

Instrument :

MSVOA_V

ClientSampleId :

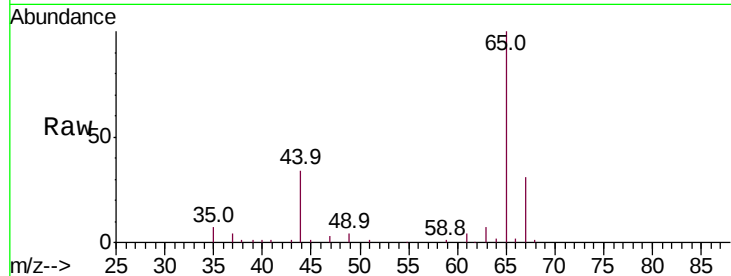
GAC96

Tot Ion: 64 Resp: 353

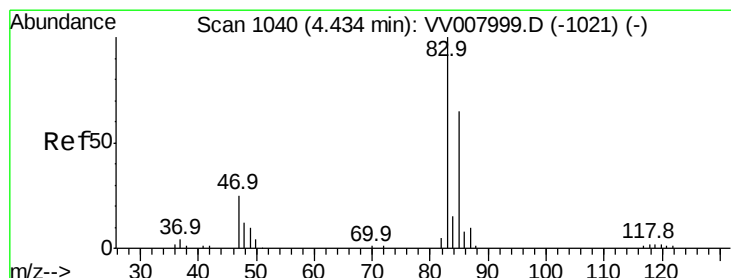
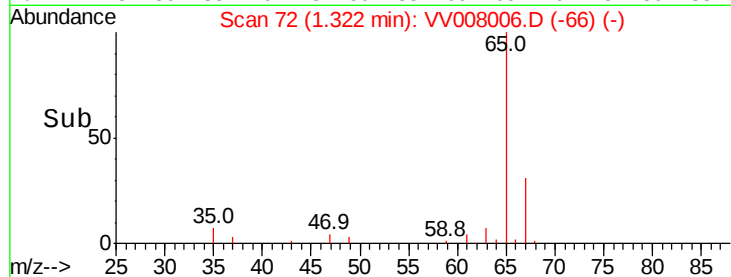
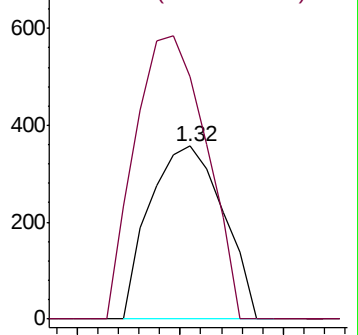
Ion Ratio Lower Upper

64 100

66 139.8 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VV007999.D (-148) (-)



#25

Chloroform

Concen: 0.275 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV008006.D

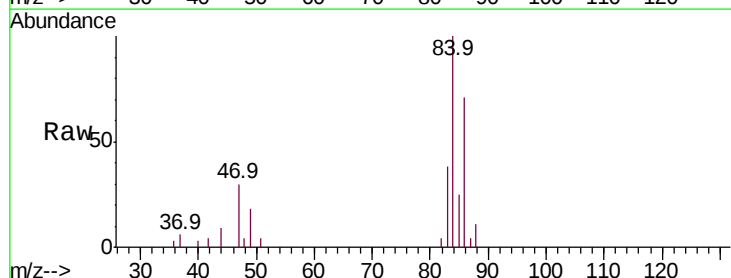
Acq: 01 Oct 2018 20:31

Tgt Ion: 83 Resp: 3364

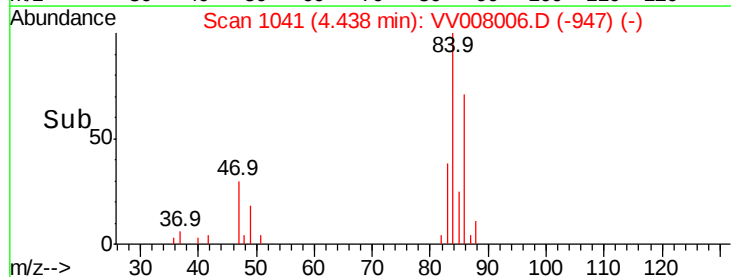
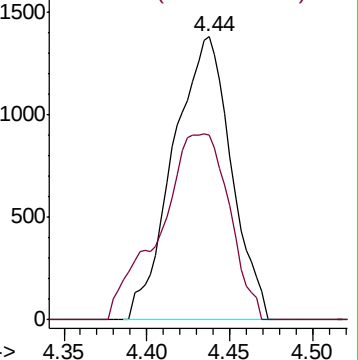
Ion Ratio Lower Upper

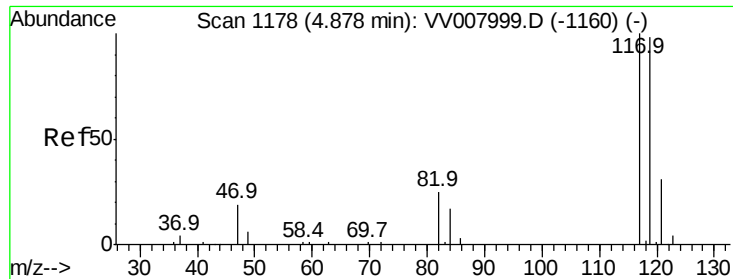
83 100

85 65.4 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007999.D (-1021) (-)





#31

Carbon tetrachloride

Concen: 1.198 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV008006.D

Acq: 01 Oct 2018 20:31

Instrument :

MSVOA_V

ClientSampled :

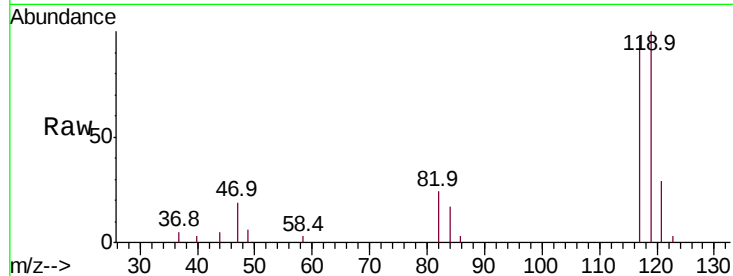
GAC96

Tot Ion:117 Resp: 10896

Ion Ratio Lower Upper

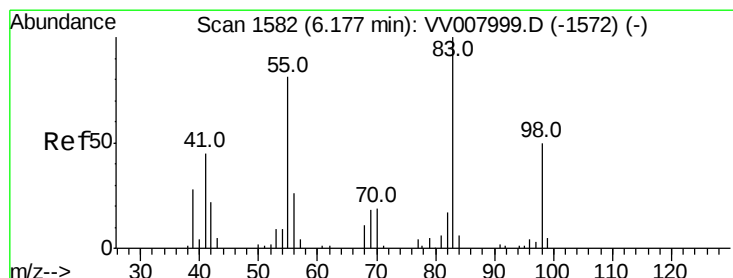
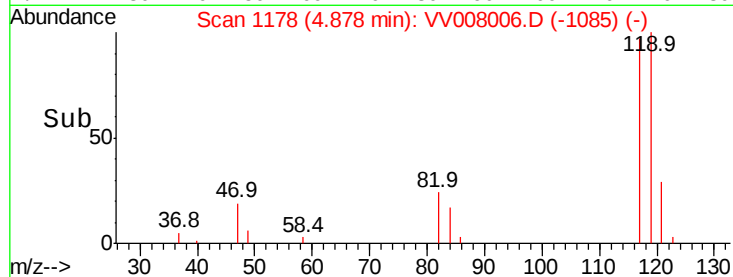
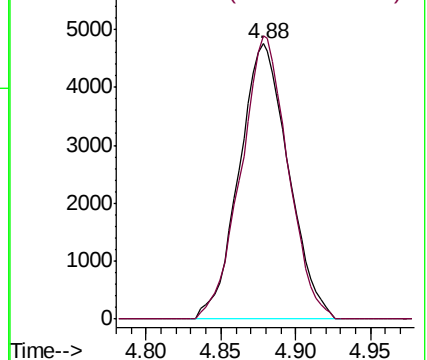
117 100

119 98.0 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.706 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008006.D

Acq: 01 Oct 2018 20:31

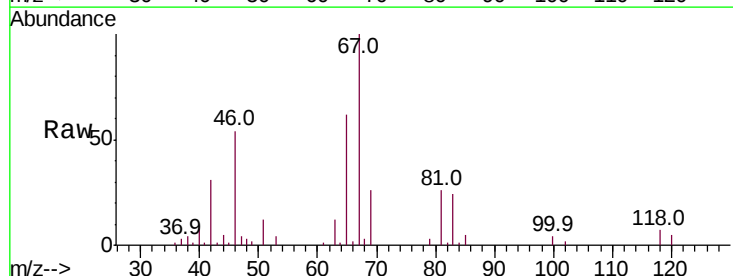
Tgt Ion: 83 Resp: 7446

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

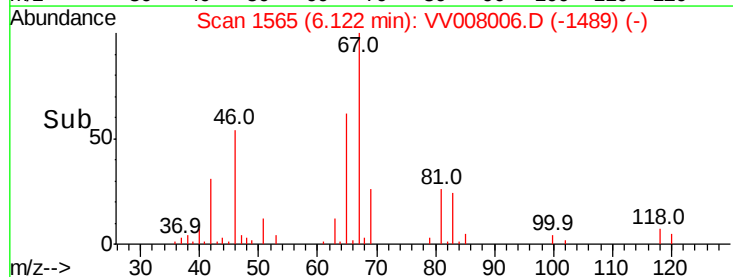
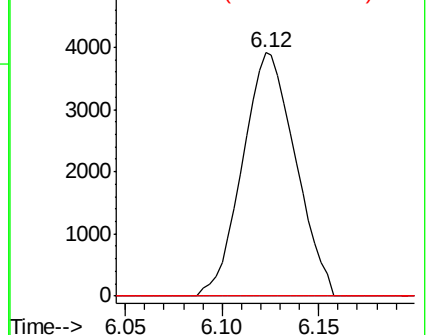
98 1.5 38.0 57.0#

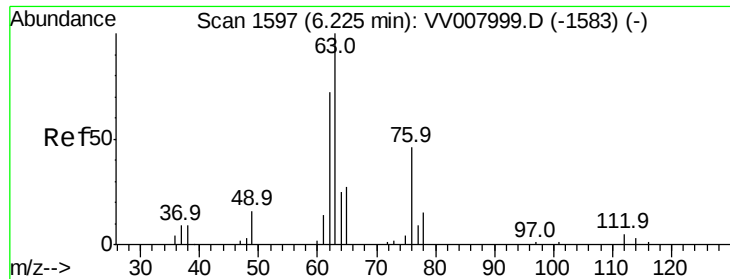


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008006.D

Acq: 01 Oct 2018 20:31

Instrument :

MSVOA_V

ClientSampleId :

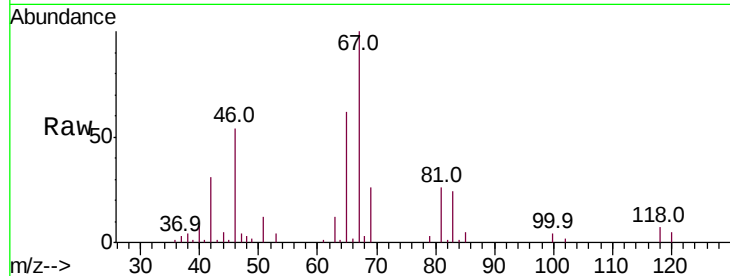
GAC96

Tot Ion: 63 Resp: 3654

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007999.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV007999.D (-1583) (-)

2000

1500

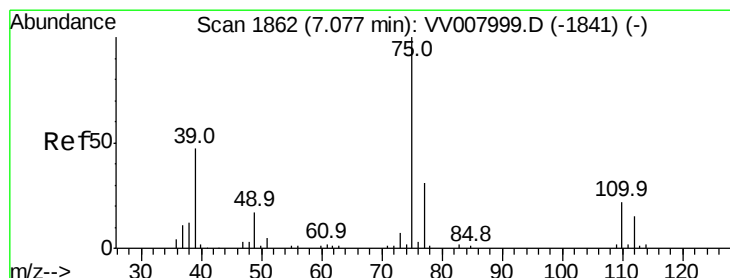
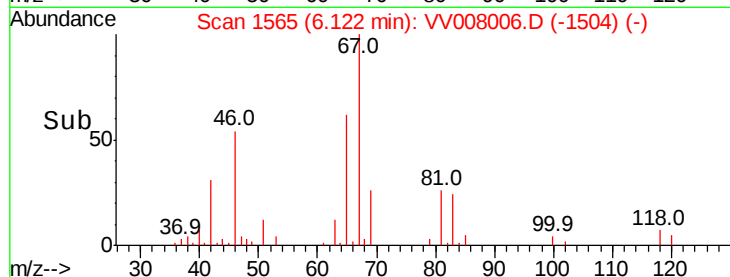
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008006.D

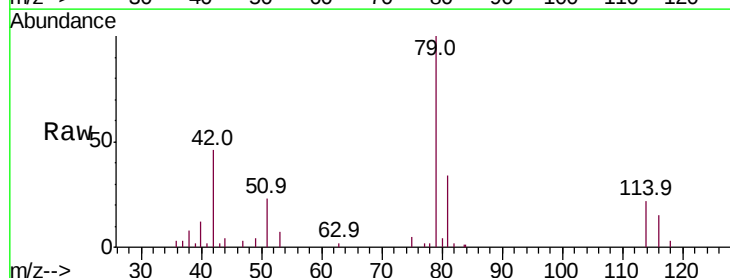
Acq: 01 Oct 2018 20:31

Tgt Ion: 75 Resp: 797

Ion Ratio Lower Upper

75 100

77 42.7 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007999.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV007999.D (-1841) (-)

600

500

400

300

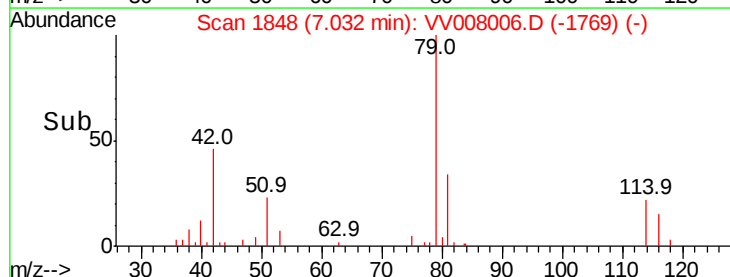
200

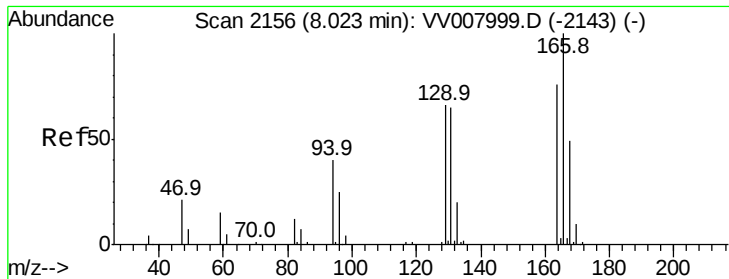
100

0

7.00 7.05

Time-->

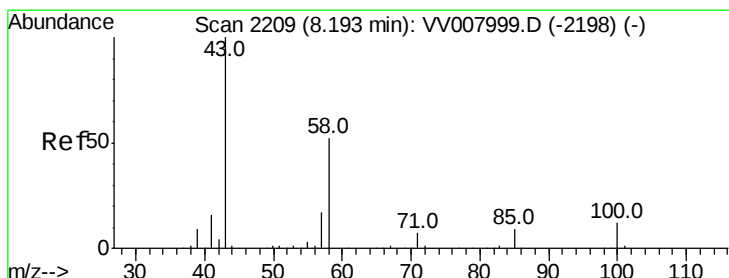
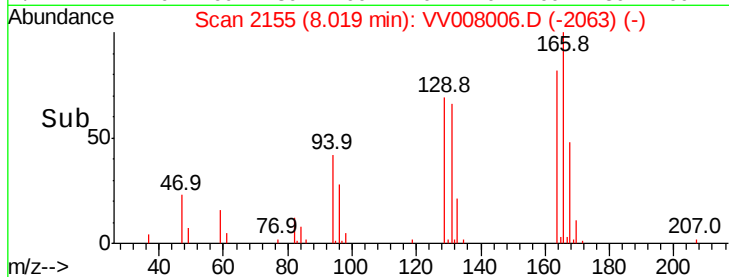
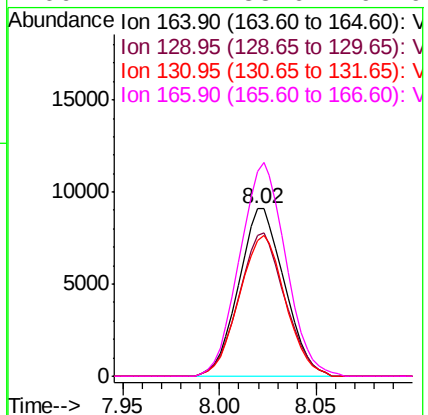
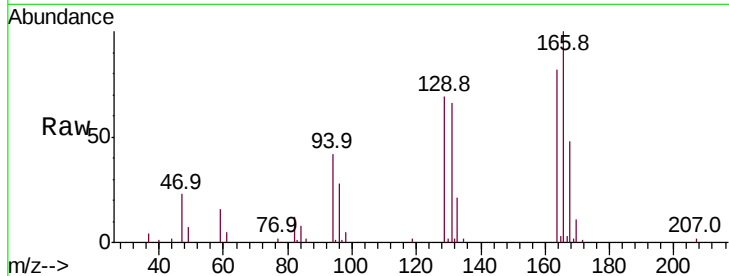




#47
Tetrachloroethene
Concen: 2.300 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008006.D
Acq: 01 Oct 2018 20:31

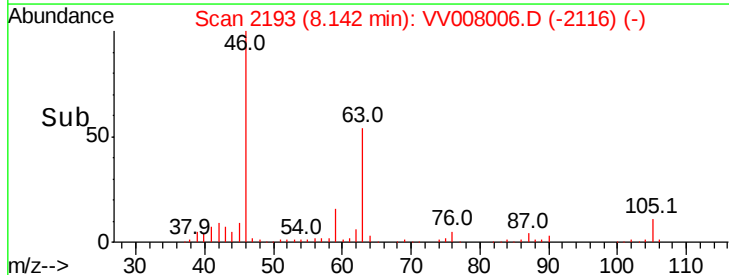
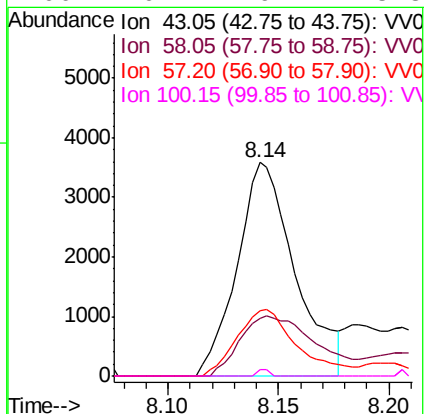
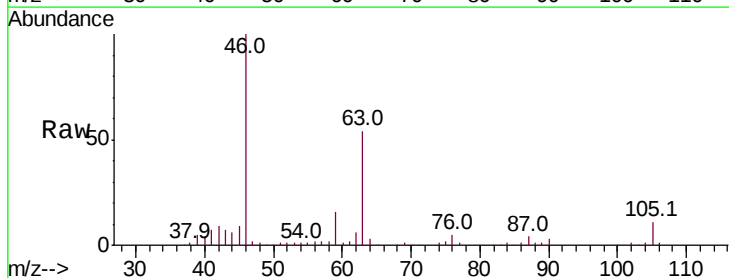
Instrument :
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ClientSampleId :
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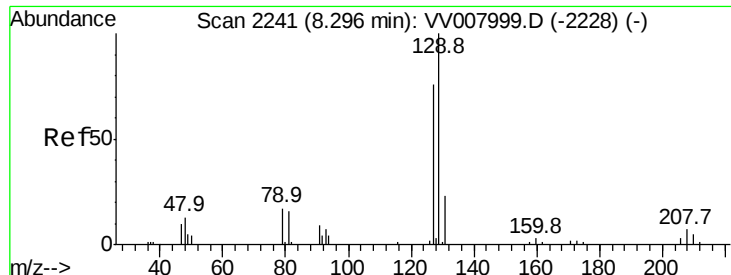
Tot Ion:164 Resp: 14998
Ion Ratio Lower Upper
164 100
129 84.1 59.2 110.0
131 80.8 57.1 106.1
166 122.2 88.6 164.6



#48
2-Hexanone
Concen: 2.392 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008006.D
Acq: 01 Oct 2018 20:31

Tgt Ion: 43 Resp: 6557
Ion Ratio Lower Upper
43 100
58 37.1 41.9 62.9#
57 32.3 14.3 21.5#
100 0.7 9.2 13.8#





#49

Dibromochloromethane

Concen: 2.345 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008006.D

Acq: 01 Oct 2018 20:31

Instrument :

MSVOA_V

ClientSampleId :

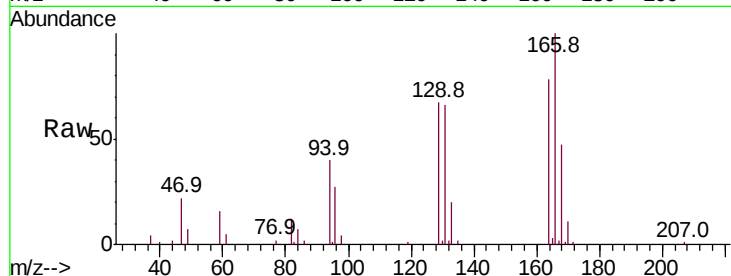
GAC96

Tot Ion:129 Resp: 12129

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

