

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007980.D
 Acq On : 29 Sep 2018 03:40
 Operator : SY/MD
 Sample : J5159-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC90

Quant Time: Oct 01 04:58:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 04:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86283	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80520	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39542	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17121	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.59	69	17579	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.14	63	29836	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.96	46	66928	48.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	4.41	84	46500	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	24900	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.10	84	87232	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.13	67	28286	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	80011	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.67	79	8827	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.14	63	47396	45.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21791	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	34918	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

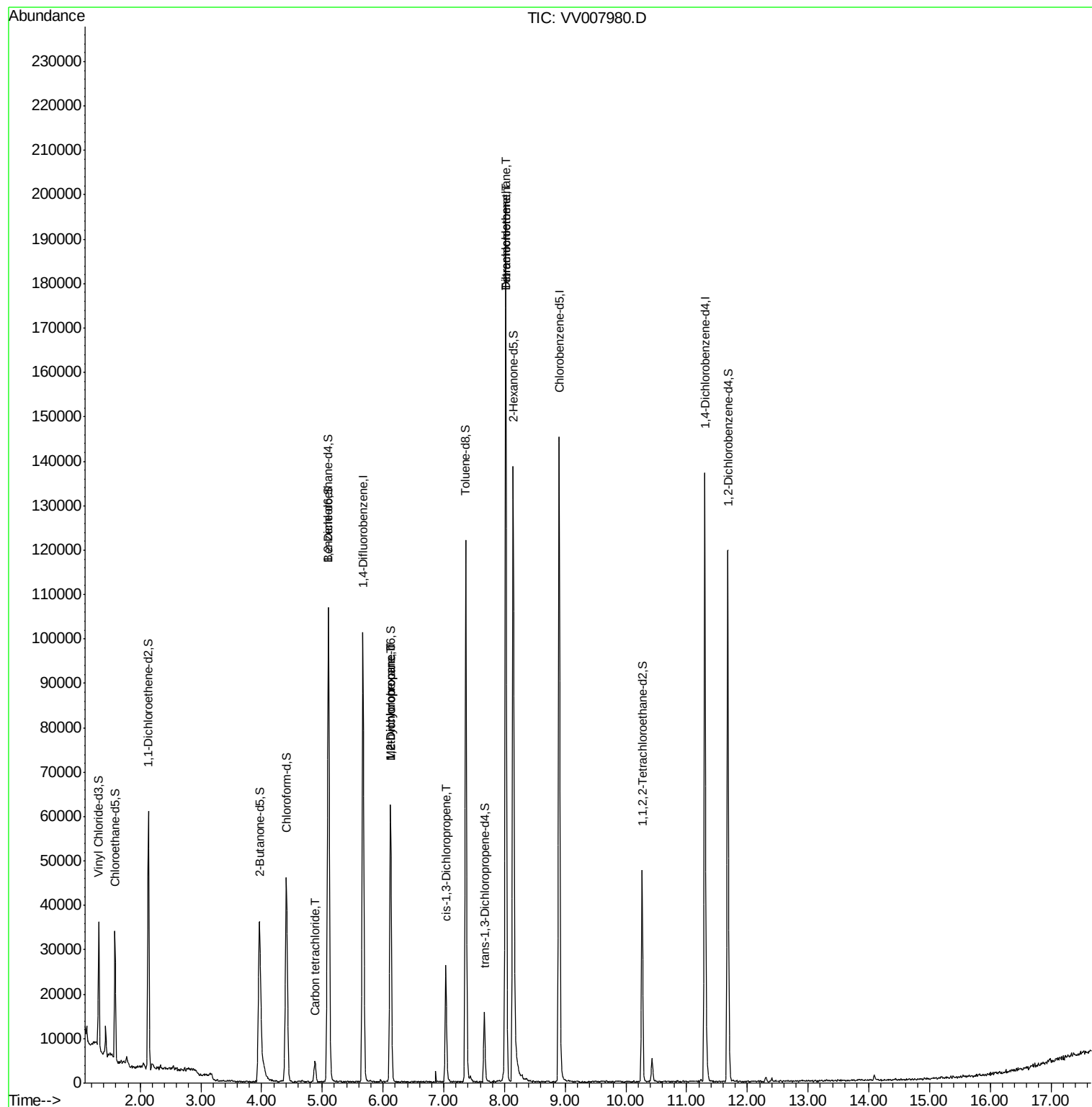
					Ovalue
31) Carbon tetrachloride	4.88	117	3420	0.401 ug/L	99
35) Methylcyclohexane	6.13	83	7286	0.736 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3529	0.599 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	725	0.092 ug/L #	63
47) Tetrachloroethene	8.02	164	45521	7.441 ug/L	97
49) Dibromochloromethane	8.02	129	37987	7.828 ug/L #	12

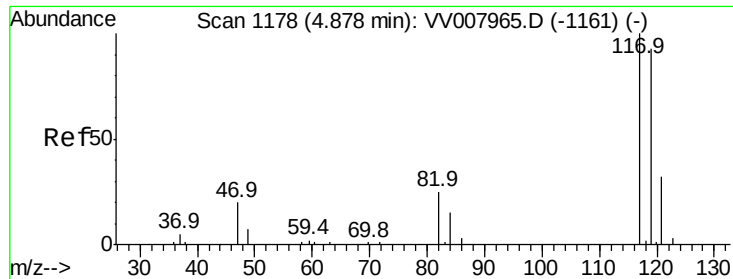
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration





#31

Carbon tetrachloride

Concen: 0.401 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007980.D

Acq: 29 Sep 2018 03:40

Instrument :

MSVOA_V

ClientSampled :

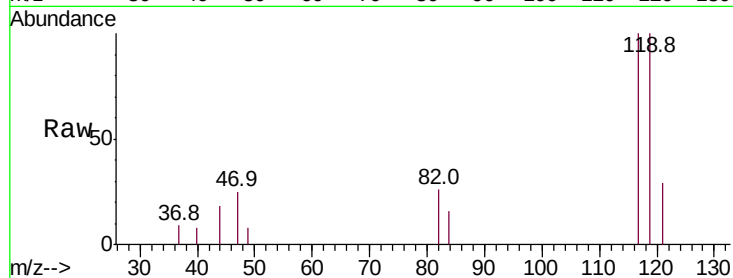
GAC90

Tot Ion:117 Resp: 3420

Ion Ratio Lower Upper

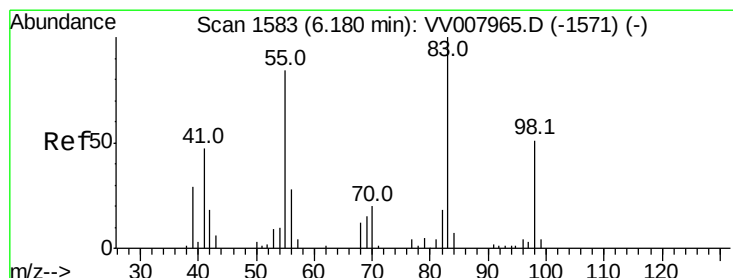
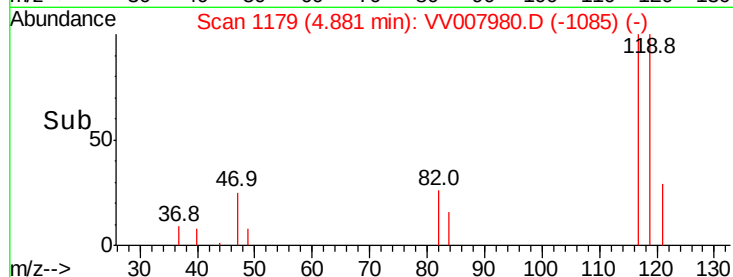
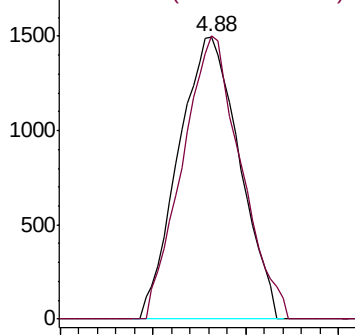
117 100

119 96.3 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: 0.736 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007980.D

Acq: 29 Sep 2018 03:40

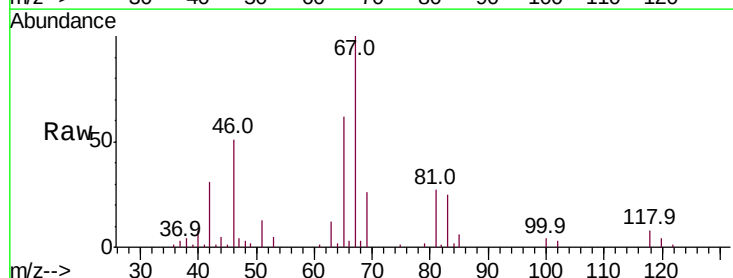
Tgt Ion: 83 Resp: 7286

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

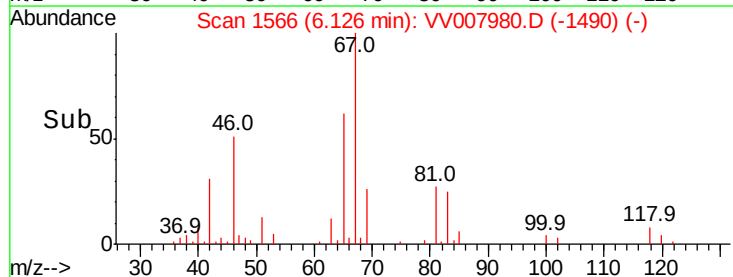
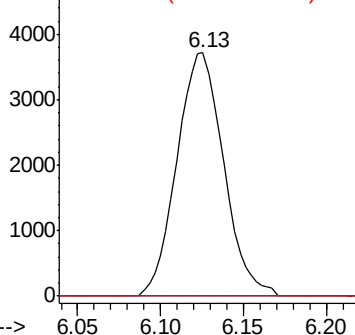
98 0.9 38.0 57.0#

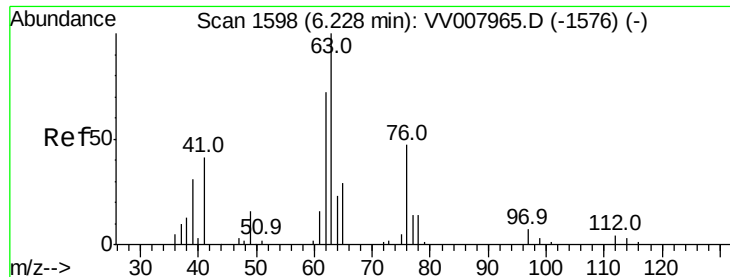


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

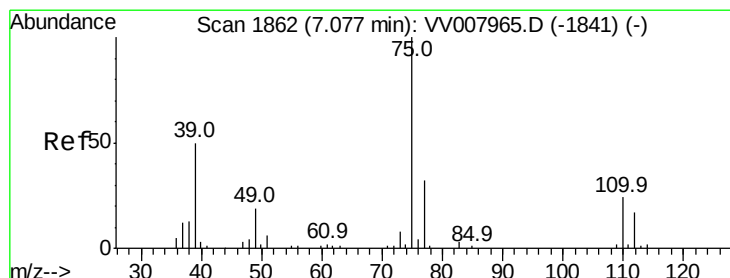
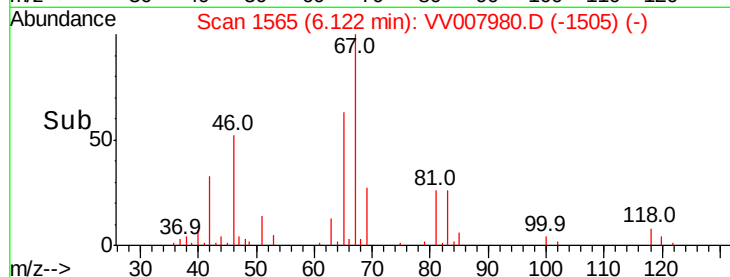
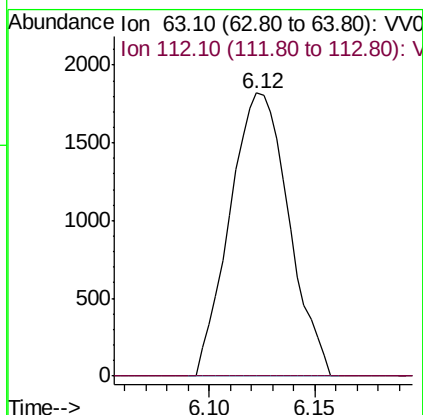
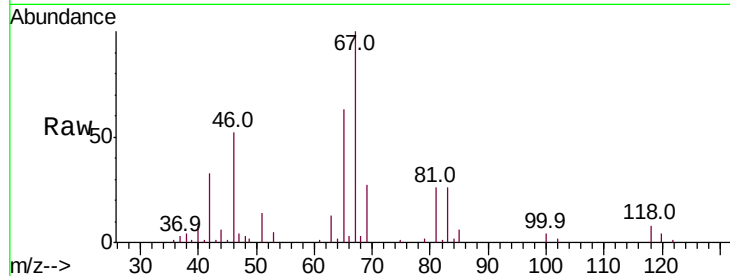




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV007980.D
 Acq: 29 Sep 2018 03:40

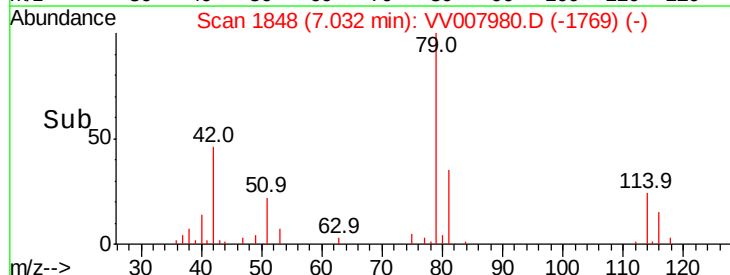
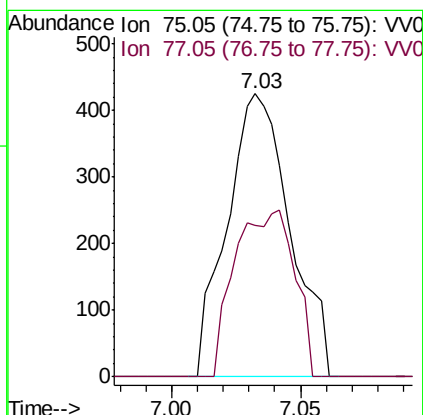
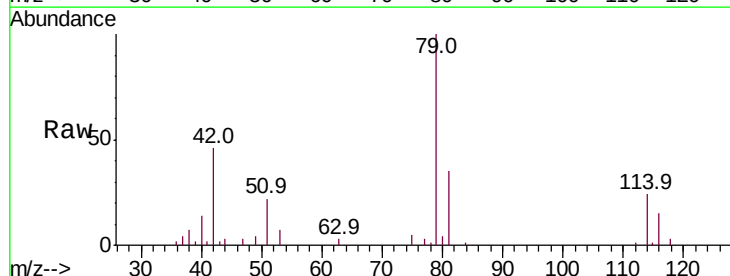
Instrument :
 MSVOA_V
 ClientSampled :
 GAC90

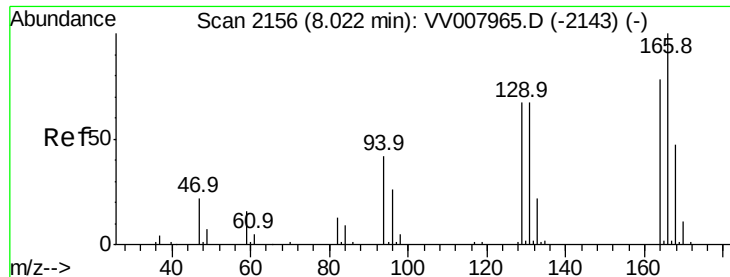
Tot Ion: 63 Resp: 3529
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007980.D
 Acq: 29 Sep 2018 03:40

Tgt Ion: 75 Resp: 725
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.9 42.5#





#47

Tetrachloroethene

Concen: 7.441 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007980.D

Acq: 29 Sep 2018 03:40

Instrument :

MSVOA_V

ClientSampleId :

GAC90

Tot Ion:164 Resp: 45521

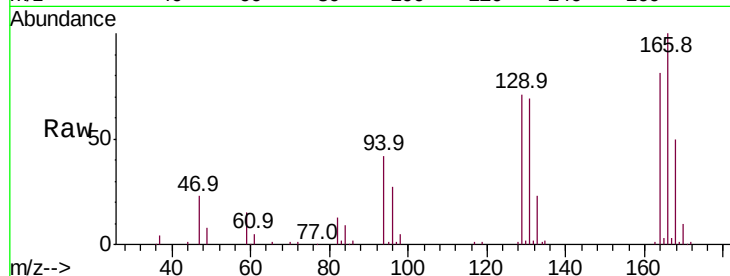
Ion Ratio Lower Upper

164 100

129 87.9 59.2 110.0

131 85.8 57.1 106.1

166 123.6 88.6 164.6

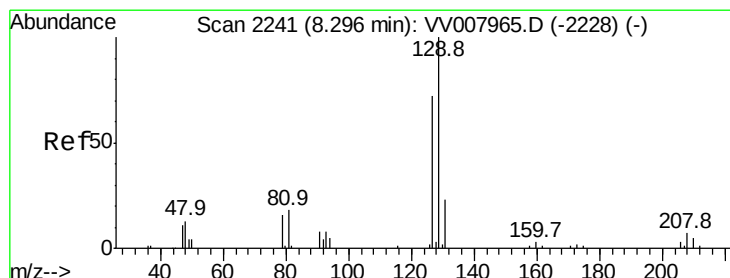
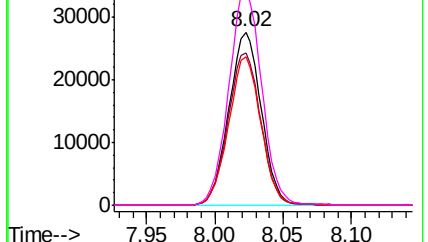
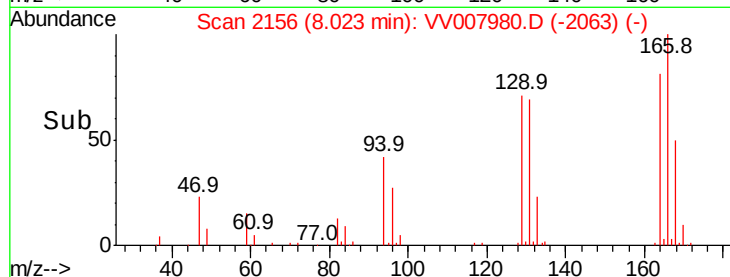


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 7.828 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV007980.D

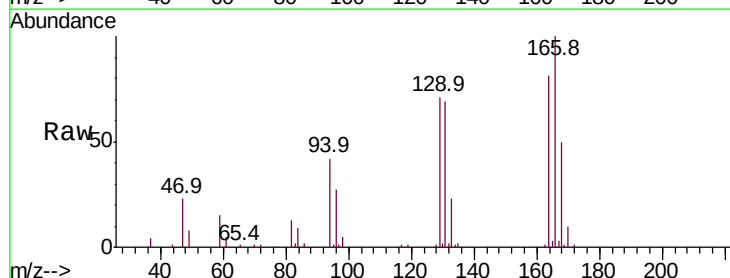
Acq: 29 Sep 2018 03:40

Tgt Ion:129 Resp: 37987

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

