

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008013.D
 Acq On : 01 Oct 2018 23:43
 Operator : SY/MD
 Sample : J5159-17
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA1

Quant Time: Oct 02 04:19:31 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	89058	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23104	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.59	69	20677	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	37536	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.97	46	64741	45.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	4.41	84	51536	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	27594	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	99290	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	31738	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	93166	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	10189	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.14	63	45383	41.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22144	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38192	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

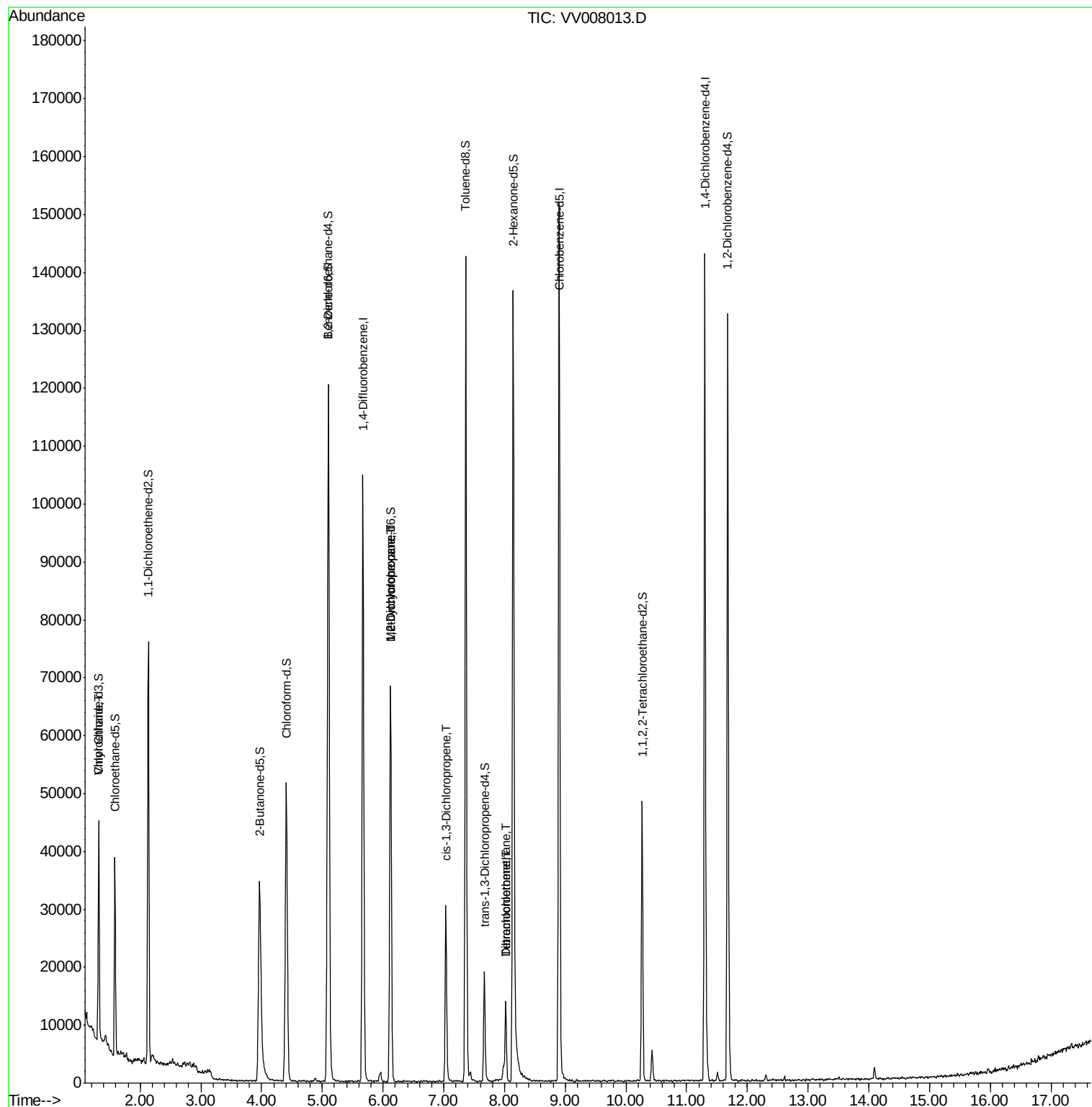
					Ovalue
8) Chloroethane	1.32	64	392	0.091 ug/L #	1
35) Methylcyclohexane	6.12	83	7583	0.730 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3645	0.589 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	820	0.099 ug/L	93
47) Tetrachloroethene	8.02	164	3118	0.485 ug/L	89
49) Dibromochloromethane	8.02	129	2921	0.573 ug/L #	12

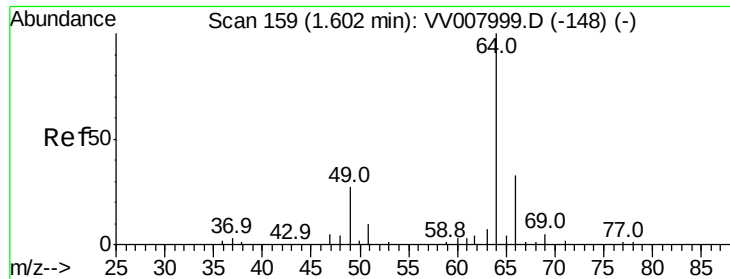
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.091 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008013.D

Acq: 01 Oct 2018 23:43

Instrument :

MSVOA_V

ClientSampleId :

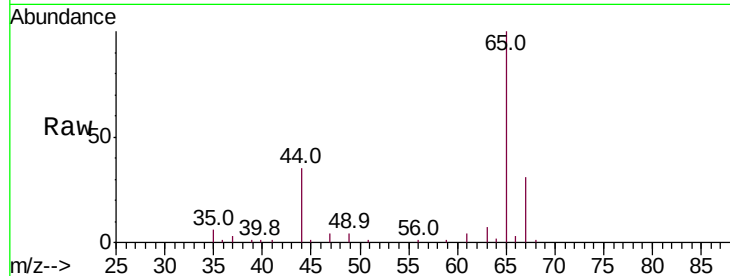
GACA1

Tot Ion: 64 Resp: 392

Ion Ratio Lower Upper

64 100

66 155.1 23.1 42.9#

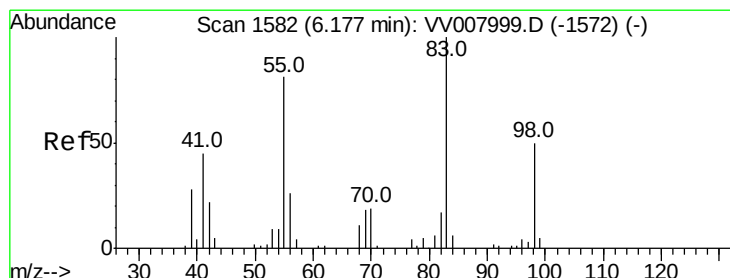
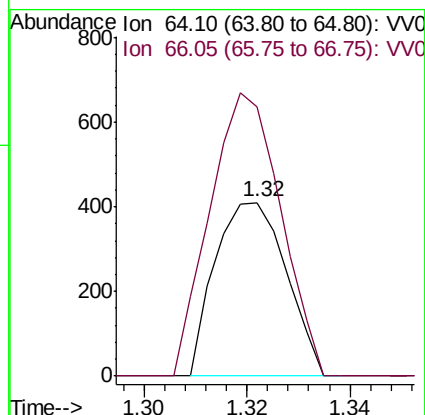
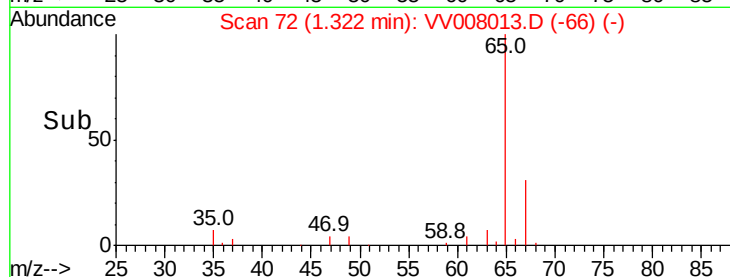


Abundance Ion 64.10 (63.80 to 64.80): VV007999.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV007999.D (-148) (-)

1.32

Time-->



#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008013.D

Acq: 01 Oct 2018 23:43

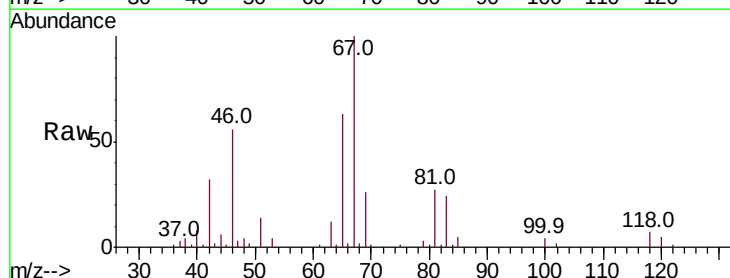
Tgt Ion: 83 Resp: 7583

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 1.1 38.0 57.0#



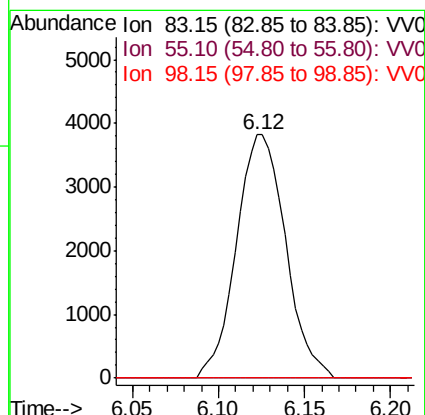
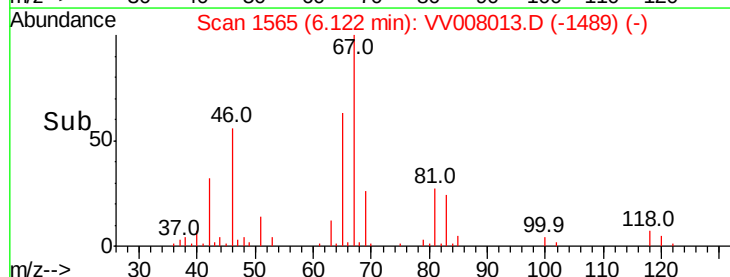
Abundance Ion 83.15 (82.85 to 83.85): VV007999.D (-1572) (-)

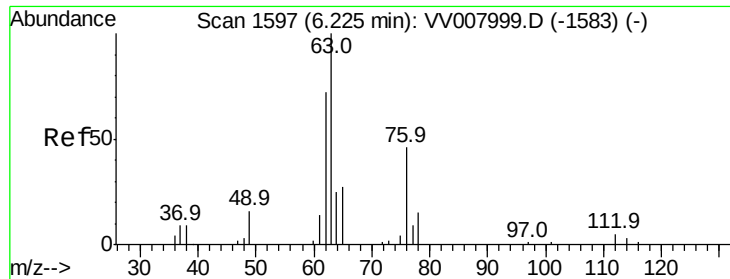
Ion 55.10 (54.80 to 55.80): VV007999.D (-1572) (-)

Ion 98.15 (97.85 to 98.85): VV007999.D (-1572) (-)

6.12

Time-->





#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008013.D

Acq: 01 Oct 2018 23:43

Instrument :

MSVOA_V

ClientSampleId :

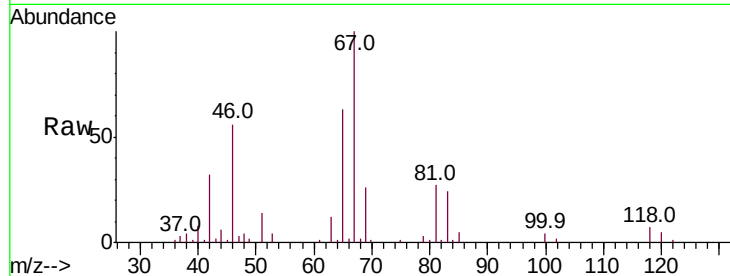
GACA1

Tot Ion: 63 Resp: 3645

Ion Ratio Lower Upper

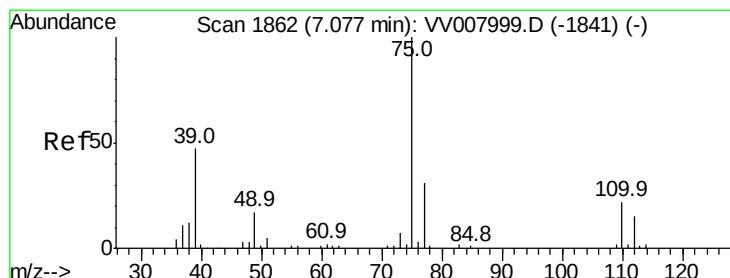
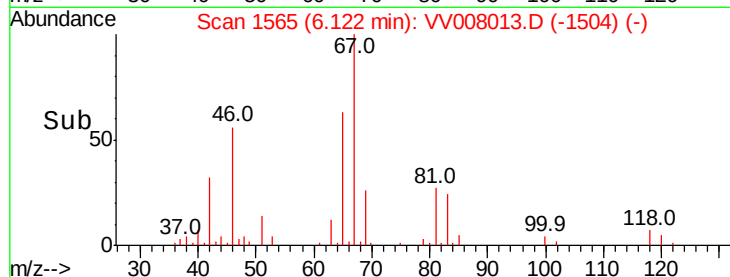
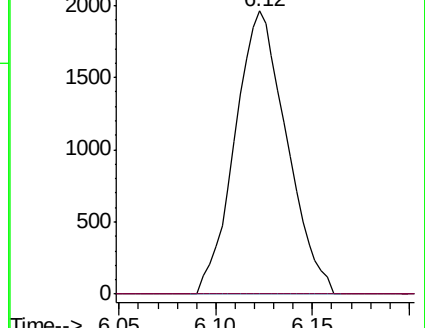
63 100

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) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008013.D

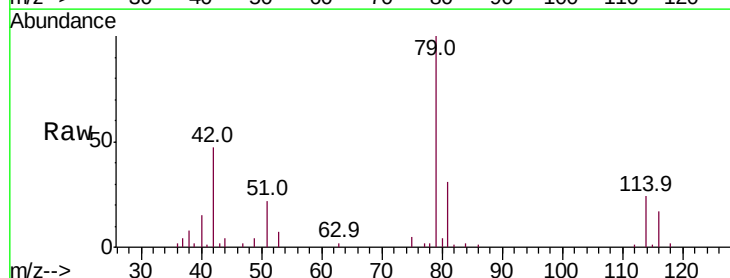
Acq: 01 Oct 2018 23:43

Tgt Ion: 75 Resp: 820

Ion Ratio Lower Upper

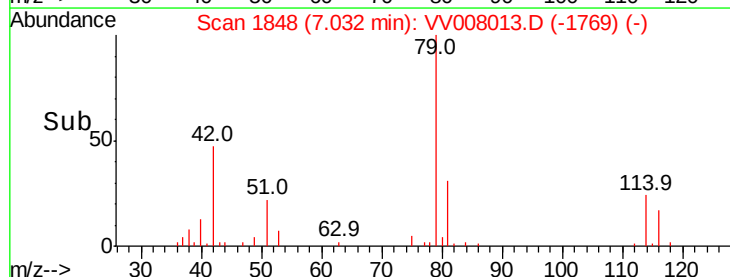
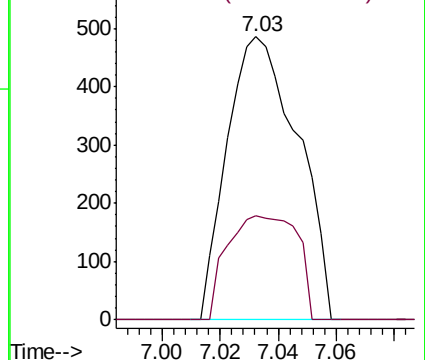
75 100

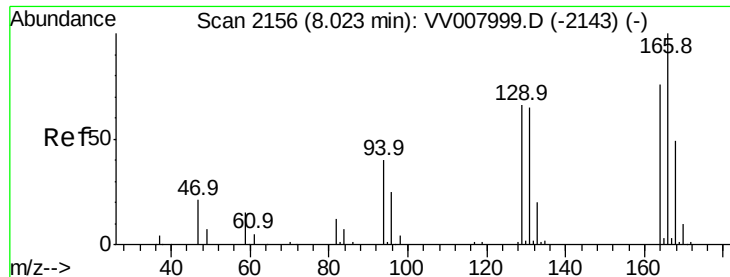
77 36.6 22.9 42.5



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

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





#47

Tetrachloroethene

Concen: 0.485 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008013.D

Acq: 01 Oct 2018 23:43

Instrument :

MSVOA_V

ClientSampleId :

GACA1

Tot Ion:164 Resp: 3118

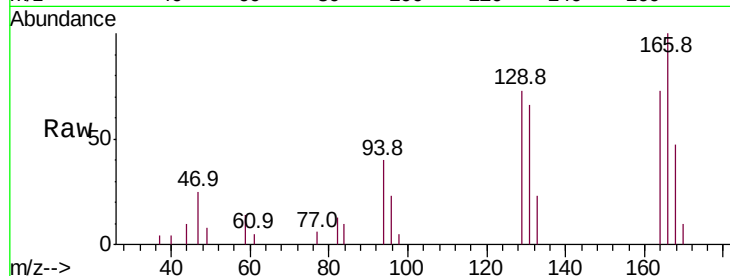
Ion Ratio Lower Upper

164 100

129 99.9 59.2 110.0

131 89.9 57.1 106.1

166 136.9 88.6 164.6

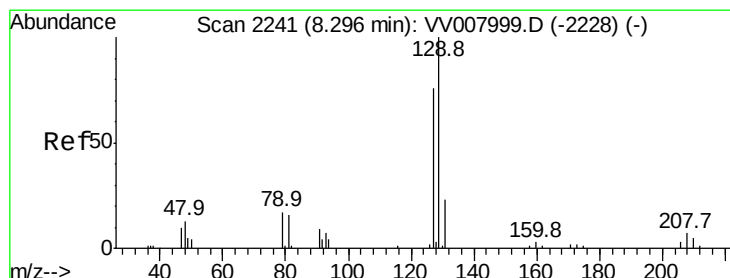
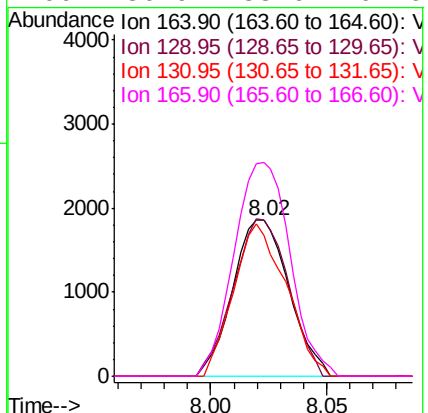
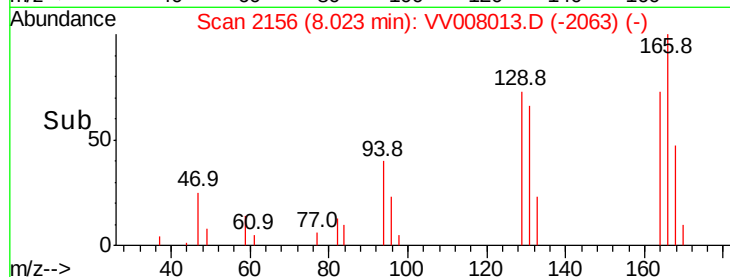


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.573 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.28 min

Lab File: VV008013.D

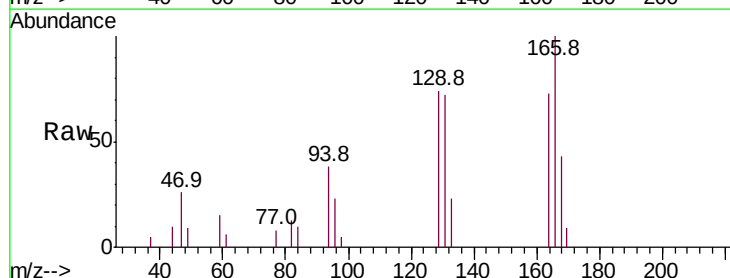
Acq: 01 Oct 2018 23:43

Tgt Ion:129 Resp: 2921

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

