

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008014.D
 Acq On : 02 Oct 2018 00:10
 Operator : SY/MD
 Sample : J5159-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA2

Quant Time: Oct 02 04:19:36 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	85625	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82682	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23032	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.59	69	20462	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.14	63	37153	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.96	46	64931	47.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.06%
24) Chloroform-d	4.41	84	51515	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	28266	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	100327	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	31409	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	93679	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	10137	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	45213	42.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21700	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38461	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

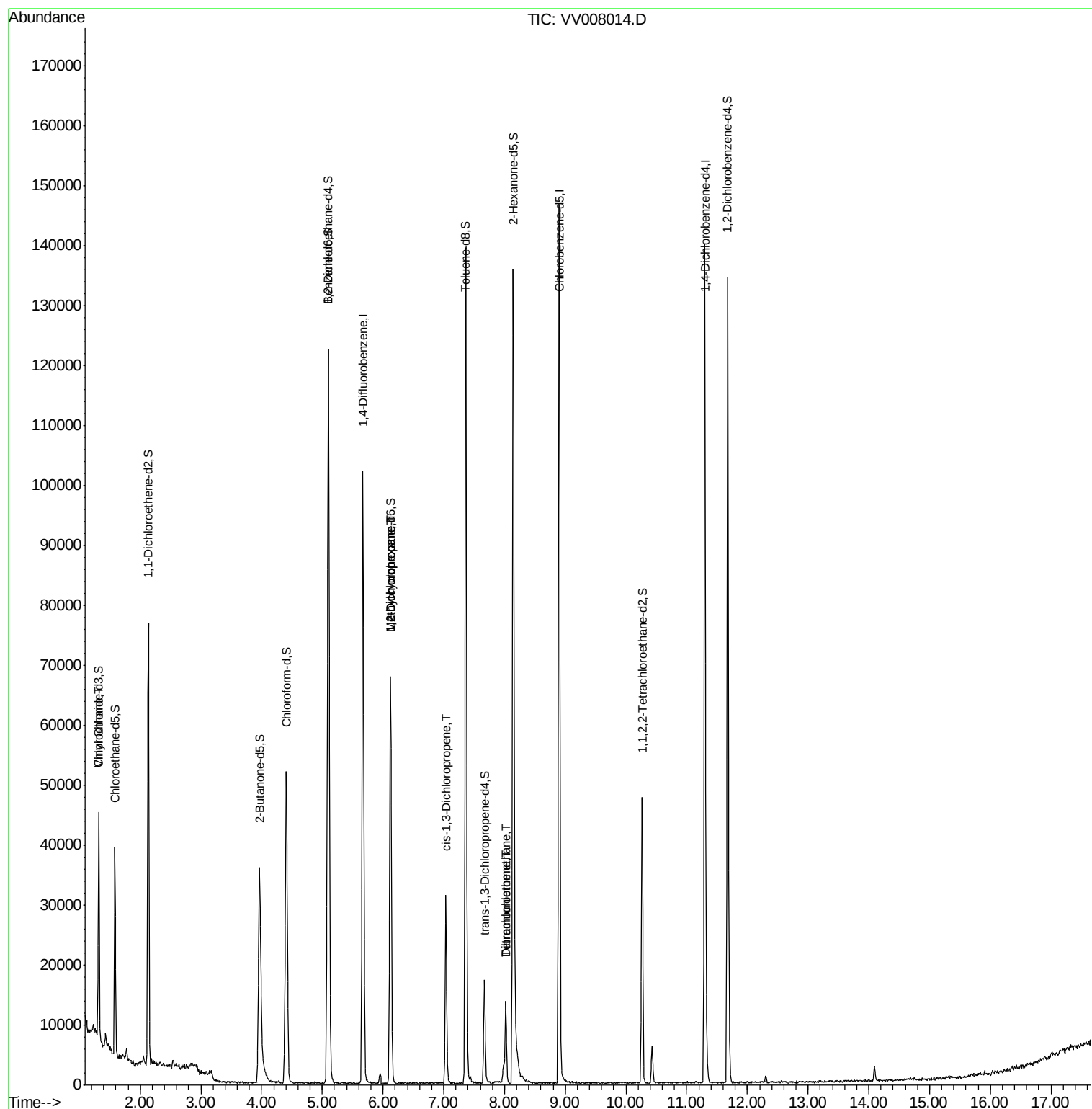
					Ovalue
8) Chloroethane	1.32	64	352	0.085	ug/L # 1
35) Methylcyclohexane	6.12	83	7731	0.761	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3643	0.602	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	724	0.089	ug/L # 49
47) Tetrachloroethene	8.02	164	3178	0.506	ug/L # 96
49) Dibromochloromethane	8.03	129	2738	0.549	ug/L # 12

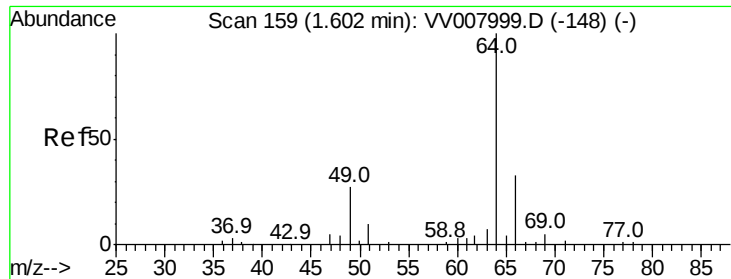
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.085 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

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Acq: 02 Oct 2018 00:10

Instrument :

MSVOA_V

ClientSampleId :

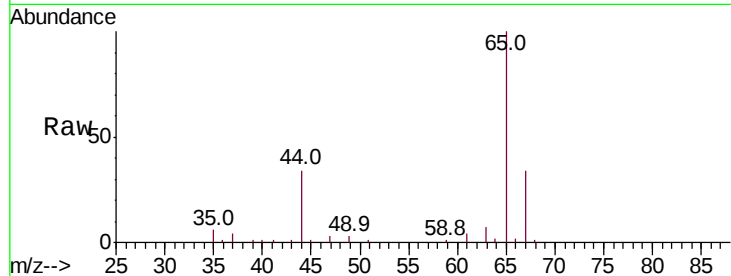
GACA2

Tot Ion: 64 Resp: 352

Ion Ratio Lower Upper

64 100

66 122.6 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) (-)

600

500

400

300

200

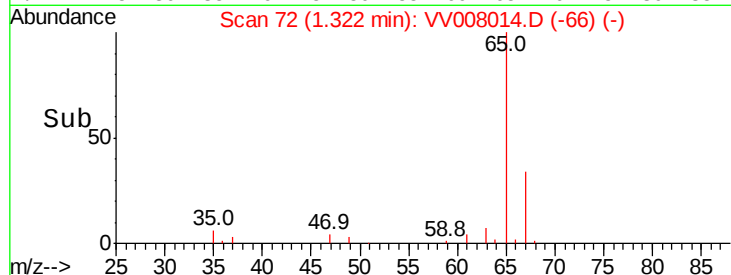
100

0

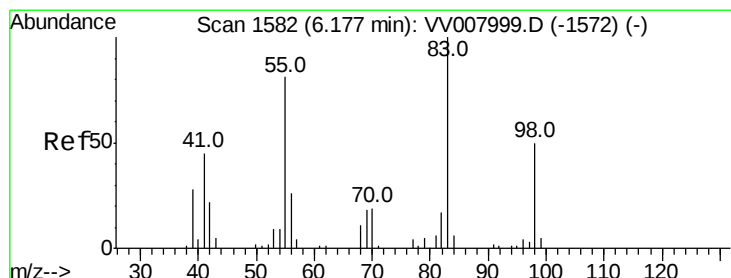
1.30

1.32

1.34



Time-->



#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008014.D

Acq: 02 Oct 2018 00:10

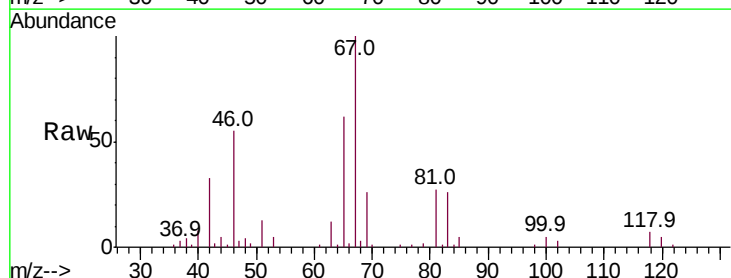
Tgt Ion: 83 Resp: 7731

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.5 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) (-)

5000

4000

3000

2000

1000

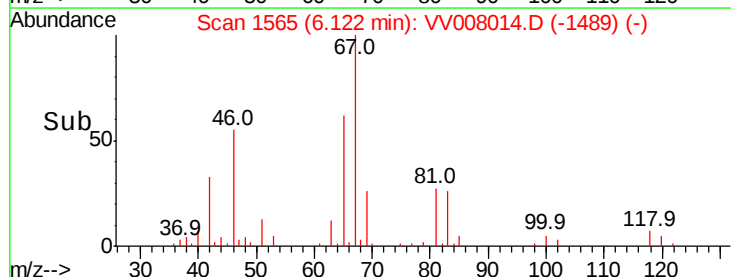
0

6.05

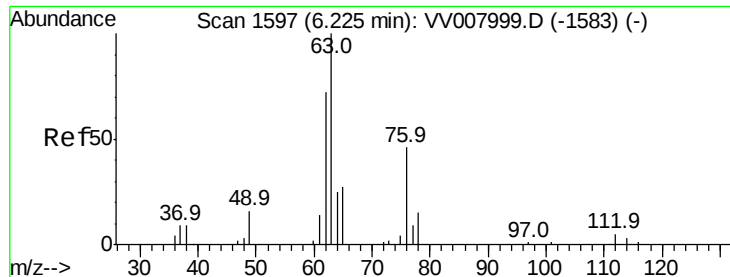
6.10

6.15

6.20



Time-->



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008014.D

Acq: 02 Oct 2018 00:10

Instrument :

MSVOA_V

ClientSampleId :

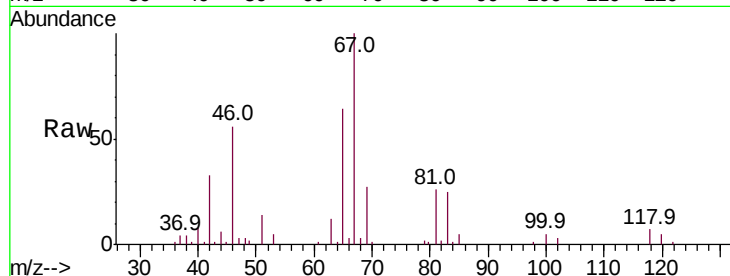
GACA2

Tot Ion: 63 Resp: 3643

Ion Ratio Lower Upper

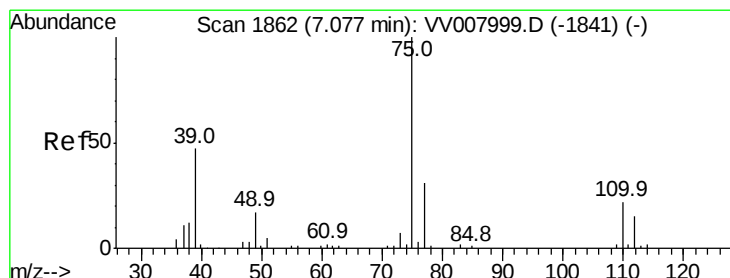
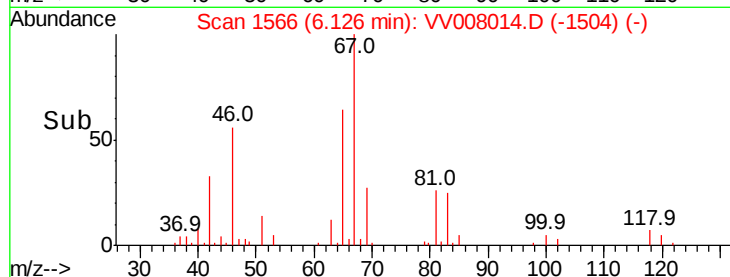
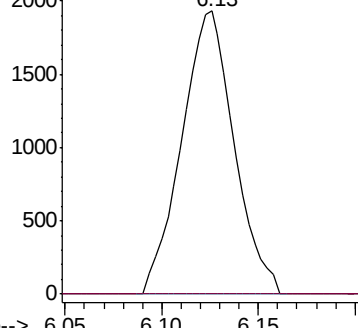
63 100

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: 0.089 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.05 min

Lab File: VV008014.D

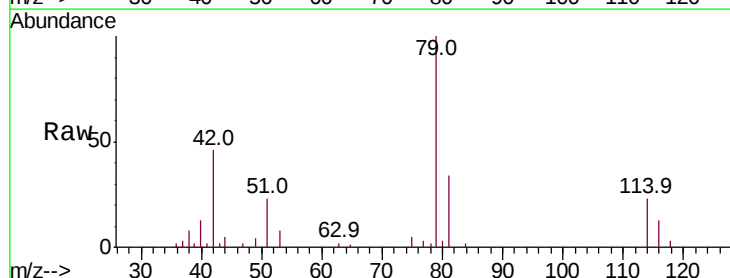
Acq: 02 Oct 2018 00:10

Tgt Ion: 75 Resp: 724

Ion Ratio Lower Upper

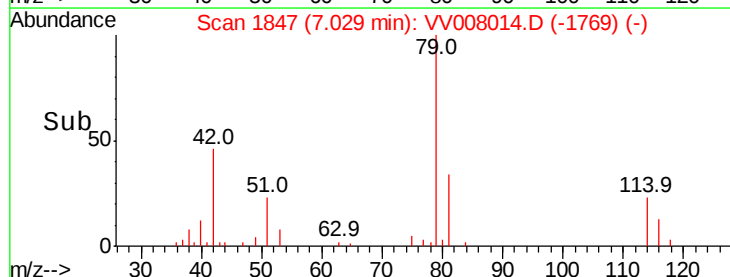
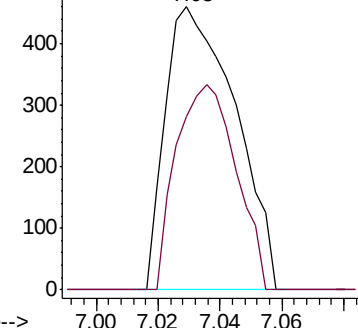
75 100

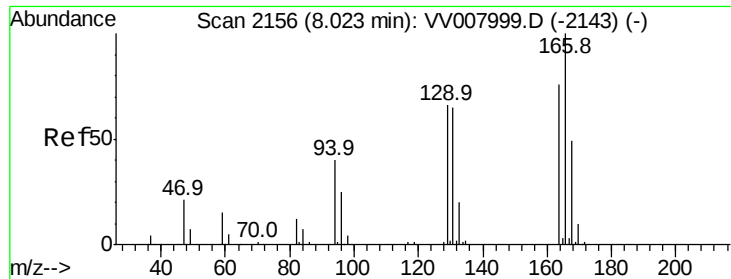
77 61.3 22.9 42.5#



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

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

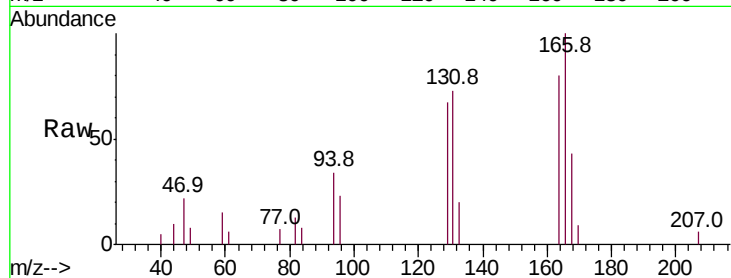




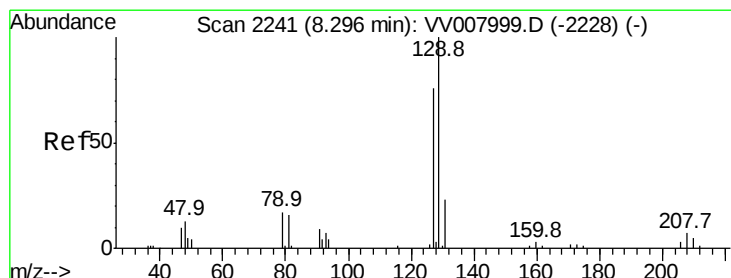
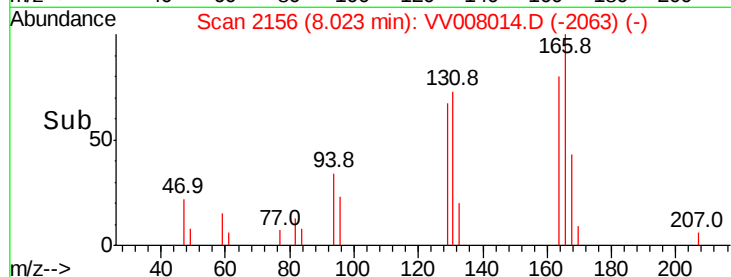
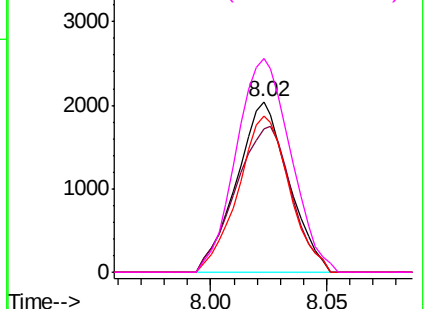
#47
Tetrachloroethene
Concen: 0.506 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008014.D
Acq: 02 Oct 2018 00:10

Instrument :
MSVOA_V
ClientSampleId :
GACA2

Tot Ion:164 Resp: 3178
Ion Ratio Lower Upper
164 100
129 84.1 59.2 110.0
131 91.7 57.1 106.1
166 125.0 88.6 164.6

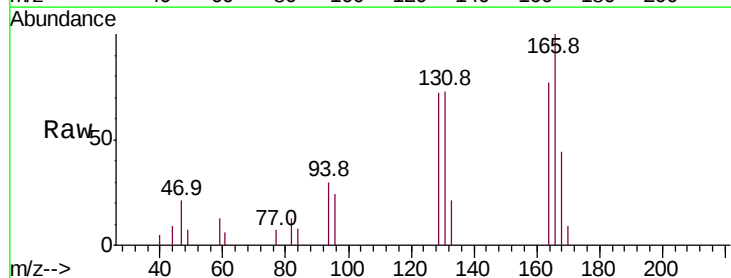


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 0.549 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. -0.27 min
Lab File: VV008014.D
Acq: 02 Oct 2018 00:10

Tgt Ion:129 Resp: 2738
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

