

Data File : VV008611.D
Acq On : 17 Nov 2018 04:00
Operator : SY/MD
Sample : J5947-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9C36

Quant Time: Nov 17 05:46:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 05:41:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158606	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62706	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35421	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.59	69	27358	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.14	63	52299	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.96	46	126367	50.13	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.26%
24) Chloroform-d	4.41	84	90278	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.09	65	48609	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	184775	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	59005	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	169175	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.67	79	18907	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.14	63	93174	44.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	39951	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	55967	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

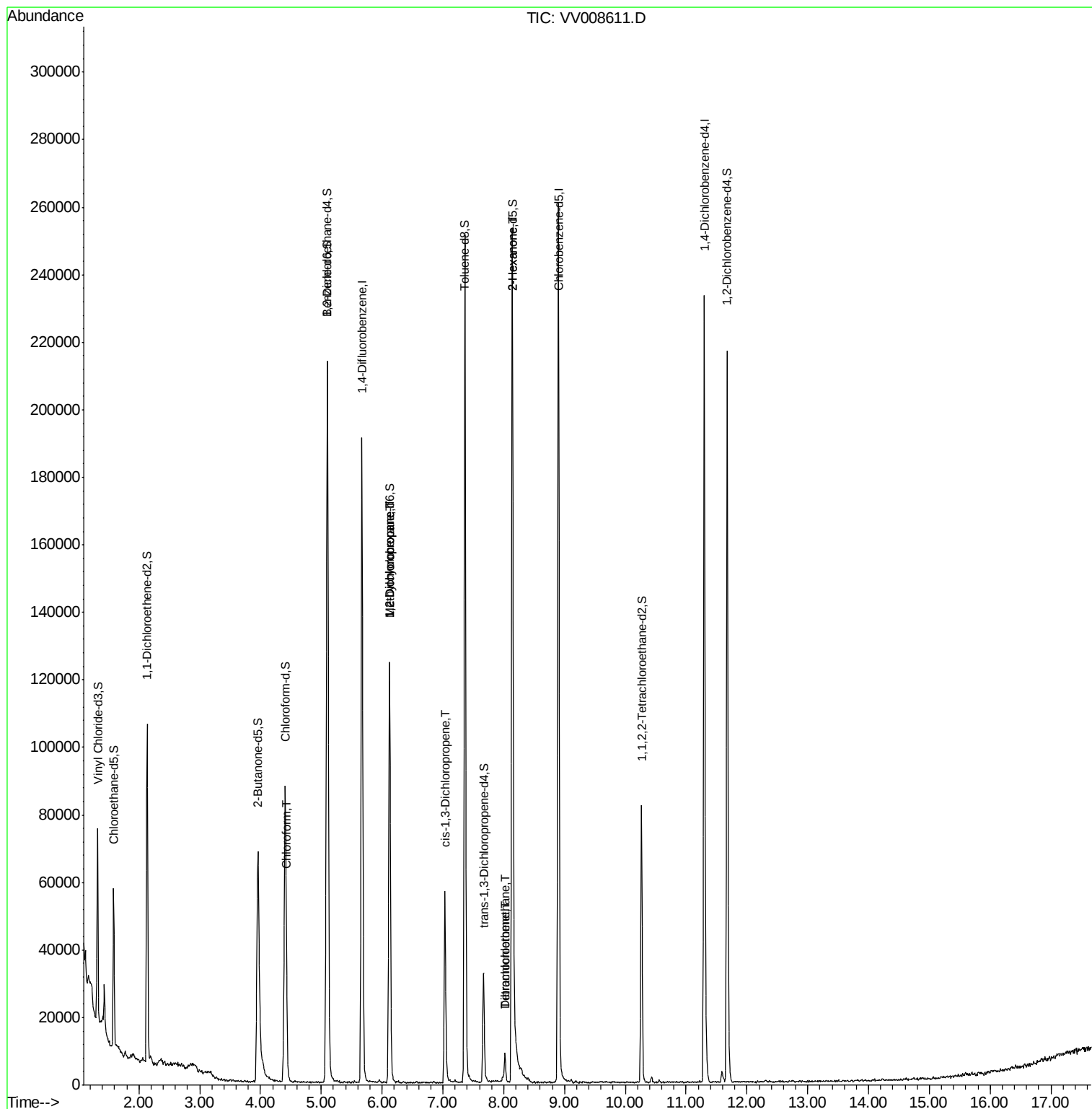
					Qvalue
25) Chloroform	4.43	83	2567	0.101 ug/L	94
35) Methylcyclohexane	6.12	83	13913	0.685 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6804	0.570 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1383	0.086 ug/L #	63
47) Tetrachloroethene	8.02	164	1904	0.219 ug/L #	82
48) 2-Hexanone	8.14	43	12338	2.618 ug/L #	76
49) Dibromochloromethane	8.02	129	1837	0.213 ug/L #	10

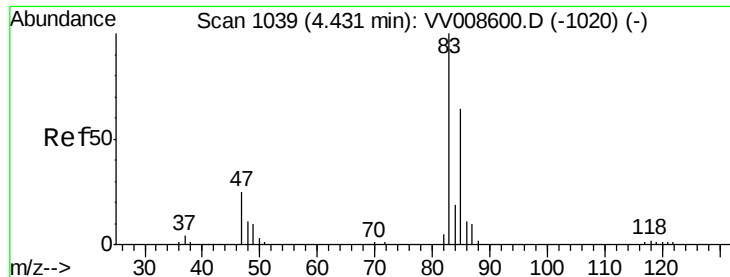
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.101 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV008611.D

Acq: 17 Nov 2018 04:00

Instrument :

MSVOA_V

ClientSampled :

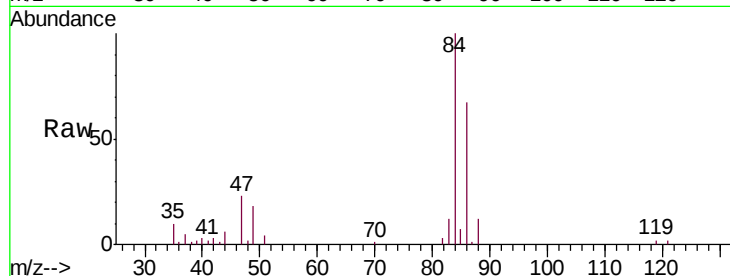
F9C36

Tgt Ion: 83 Resp: 2567

Ion Ratio Lower Upper

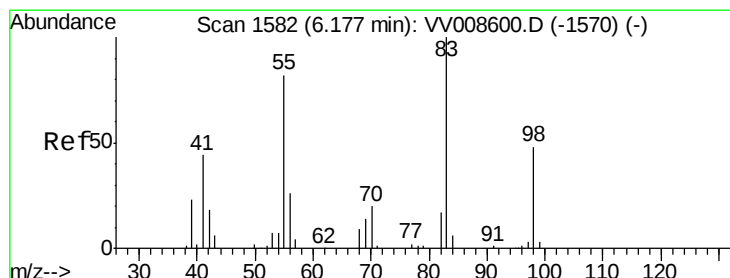
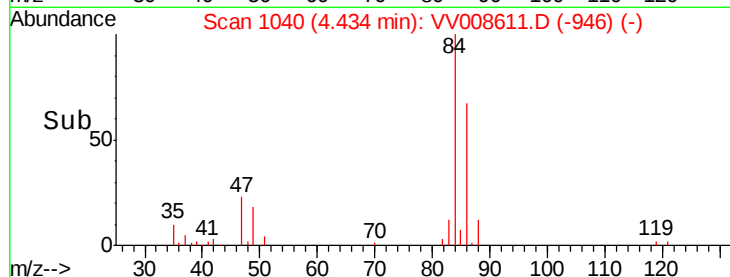
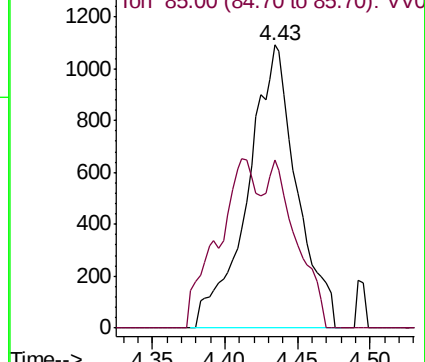
83 100

85 59.2 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV008611.D (-946) (-)

Ion 85.00 (84.70 to 85.70): VV008611.D (-946) (-)



#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008611.D

Acq: 17 Nov 2018 04:00

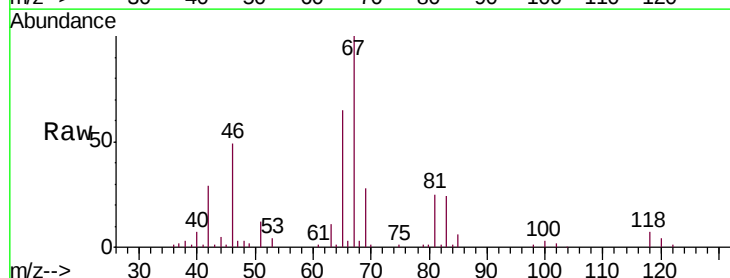
Tgt Ion: 83 Resp: 13913

Ion Ratio Lower Upper

83 100

55 0.3 65.6 98.4#

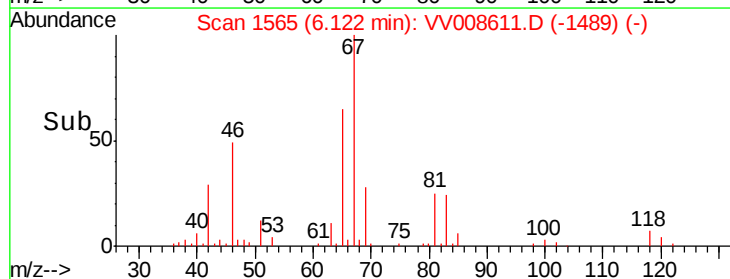
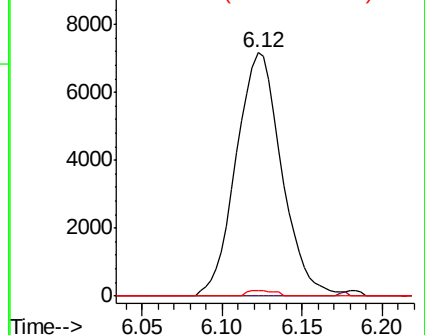
98 1.3 36.4 54.6#

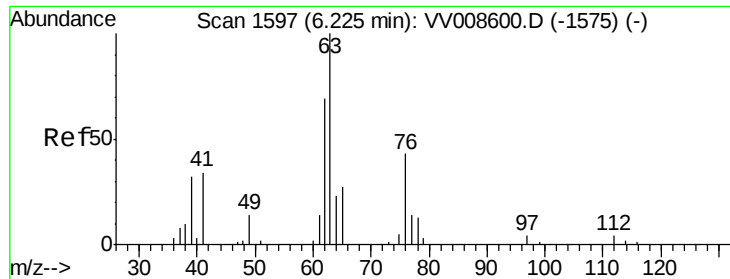


Abundance Ion 83.15 (82.85 to 83.85): VV008611.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008611.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008611.D (-1489) (-)

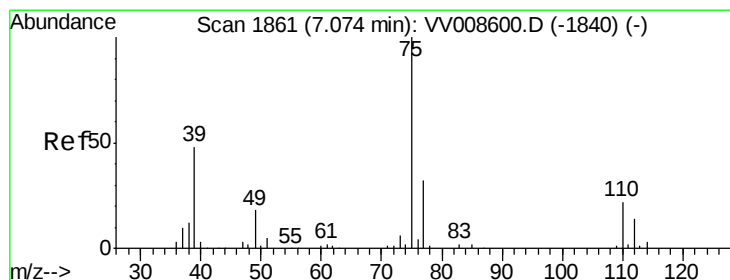
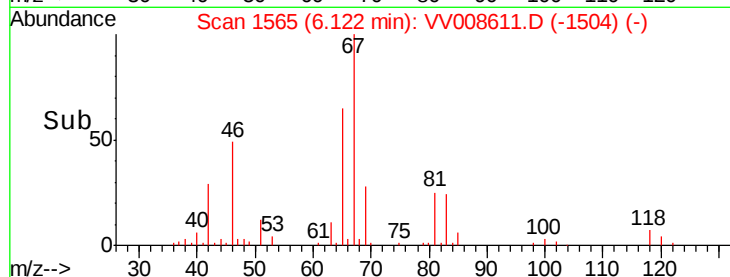
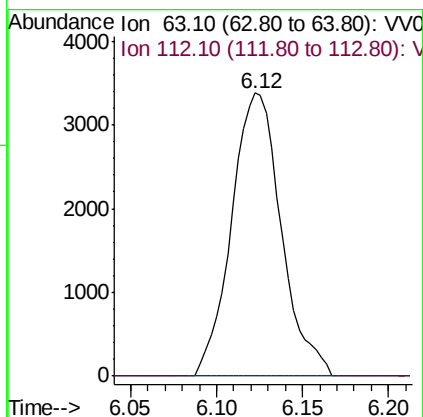
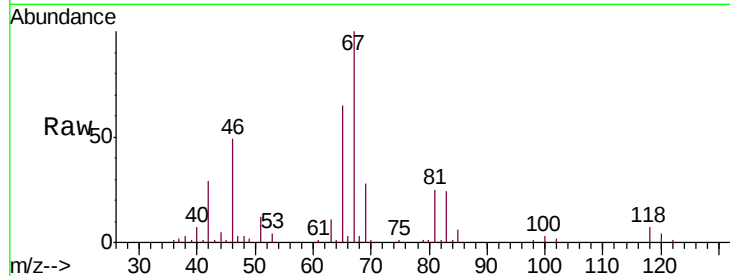




#37
 1,2-Dichloropropane
 Concen: 0.570 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008611.D
 Acq: 17 Nov 2018 04:00

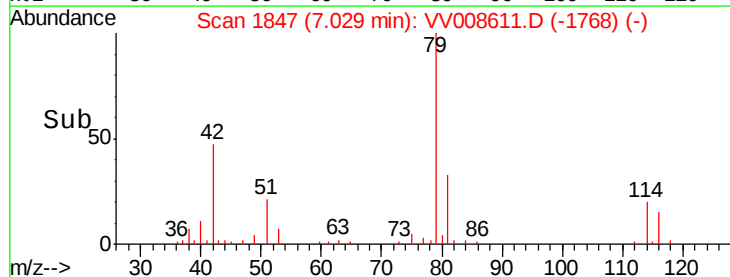
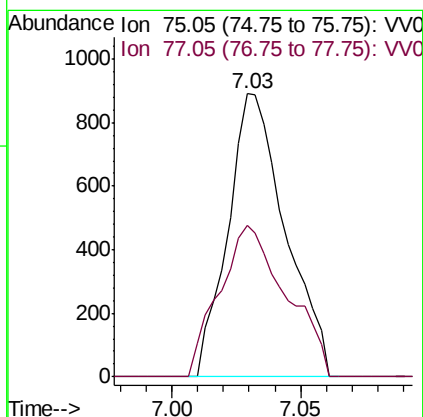
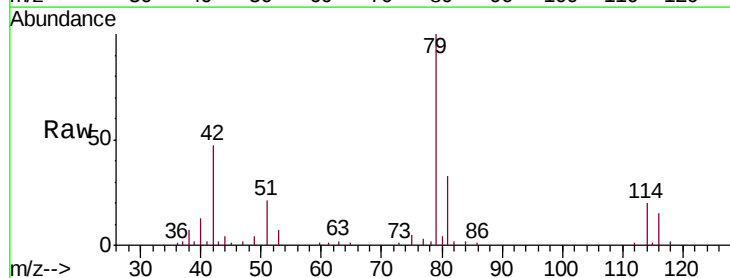
Instrument :
 MSVOA_V
 ClientSampleId :
 F9C36

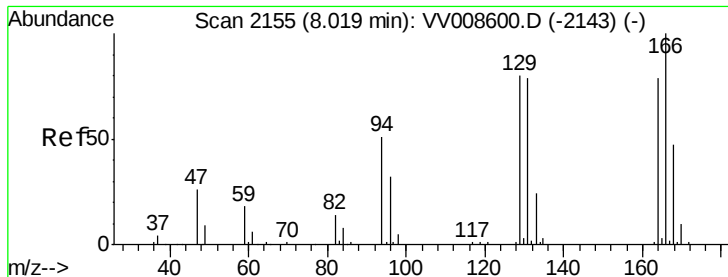
Tgt Ion: 63 Resp: 6804
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008611.D
 Acq: 17 Nov 2018 04:00

Tgt Ion: 75 Resp: 1383
 Ion Ratio Lower Upper
 75 100
 77 53.6 23.0 42.8#





#47

Tetrachloroethene

Concen: 0.219 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008611.D

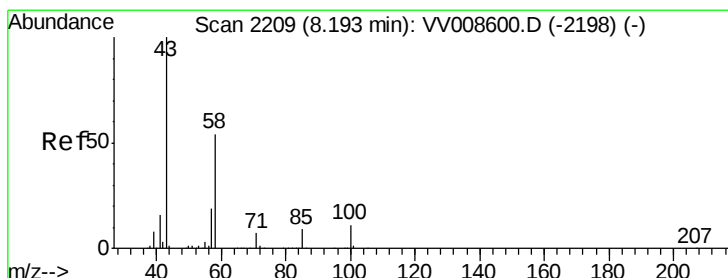
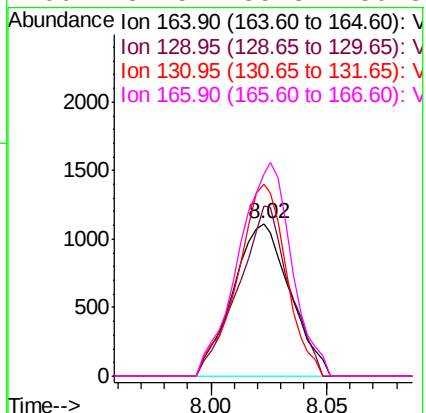
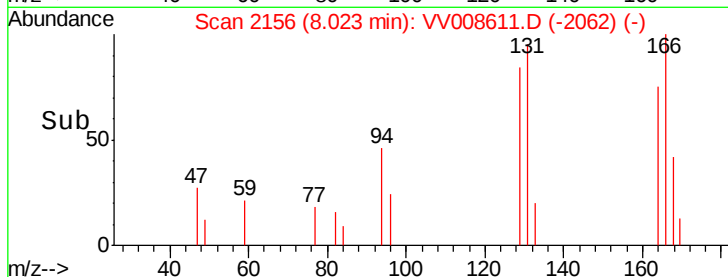
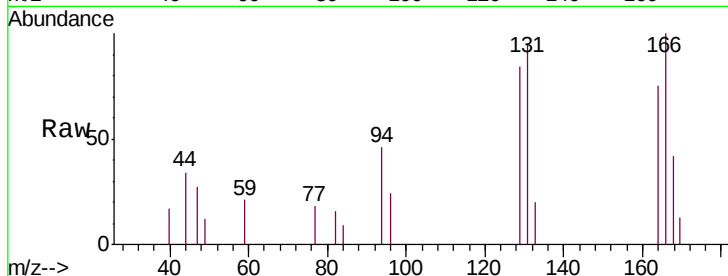
Acq: 17 Nov 2018 04:00

Instrument :
MSVOA_V
ClientSampleId :
F9C36

Tgt Ion: 164 Resp: 1904

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
164	100		
129	111.2	67.5	125.4
131	125.7	66.4	123.4#
166	132.5	85.8	159.3



#48

2-Hexanone

Concen: 2.618 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

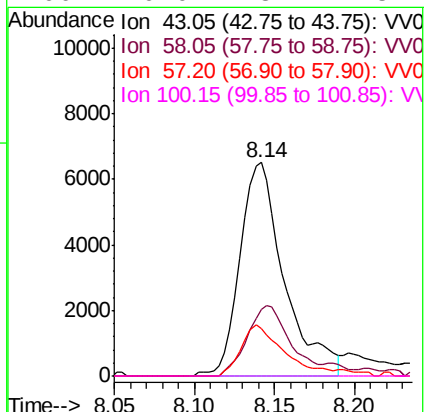
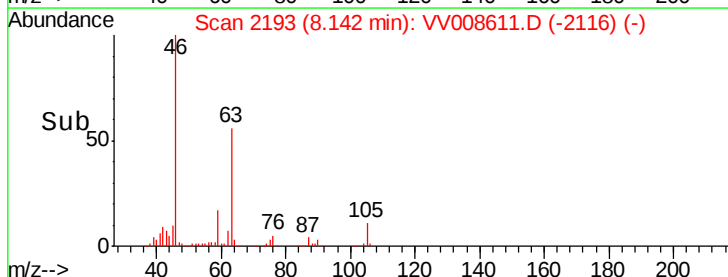
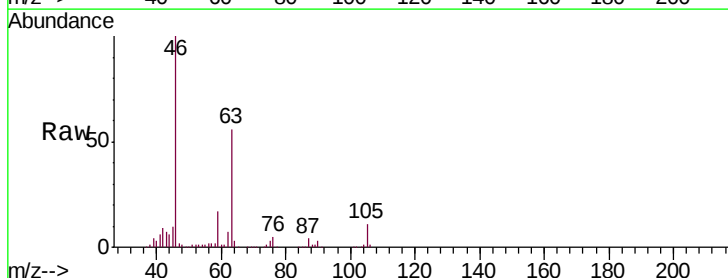
Lab File: VV008611.D

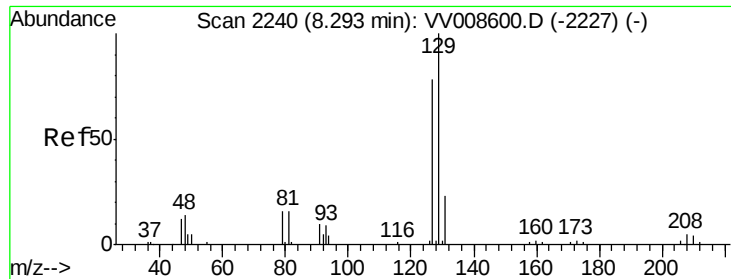
Acq: 17 Nov 2018 04:00

Tgt Ion: 43 Resp: 12338

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
43	100		
58	31.9	41.8	62.8#
57	23.0	15.4	23.0
100	0.0	8.7	13.1#





#49

Dibromochloromethane

Concen: 0.213 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008611.D

Acq: 17 Nov 2018 04:00

Instrument :

MSVOA_V

ClientSampleId :

F9C36

Tgt Ion:129 Resp: 1837

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

