

Data File : VV011808.D
Acq On : 02 Jul 2019 17:31
Operator : SY/MD
Sample : K3608-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAML8

Quant Time: Jul 03 08:31:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180065	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73480	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68864	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	54039	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.13	63	98463	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	3.95	46	163437	54.61	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.22%
24) Chloroform-d	4.40	84	123325	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	67443	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.10	84	253856	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.12	67	76612	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	217144	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.66	79	23761	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	122446	53.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50303	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	71728	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

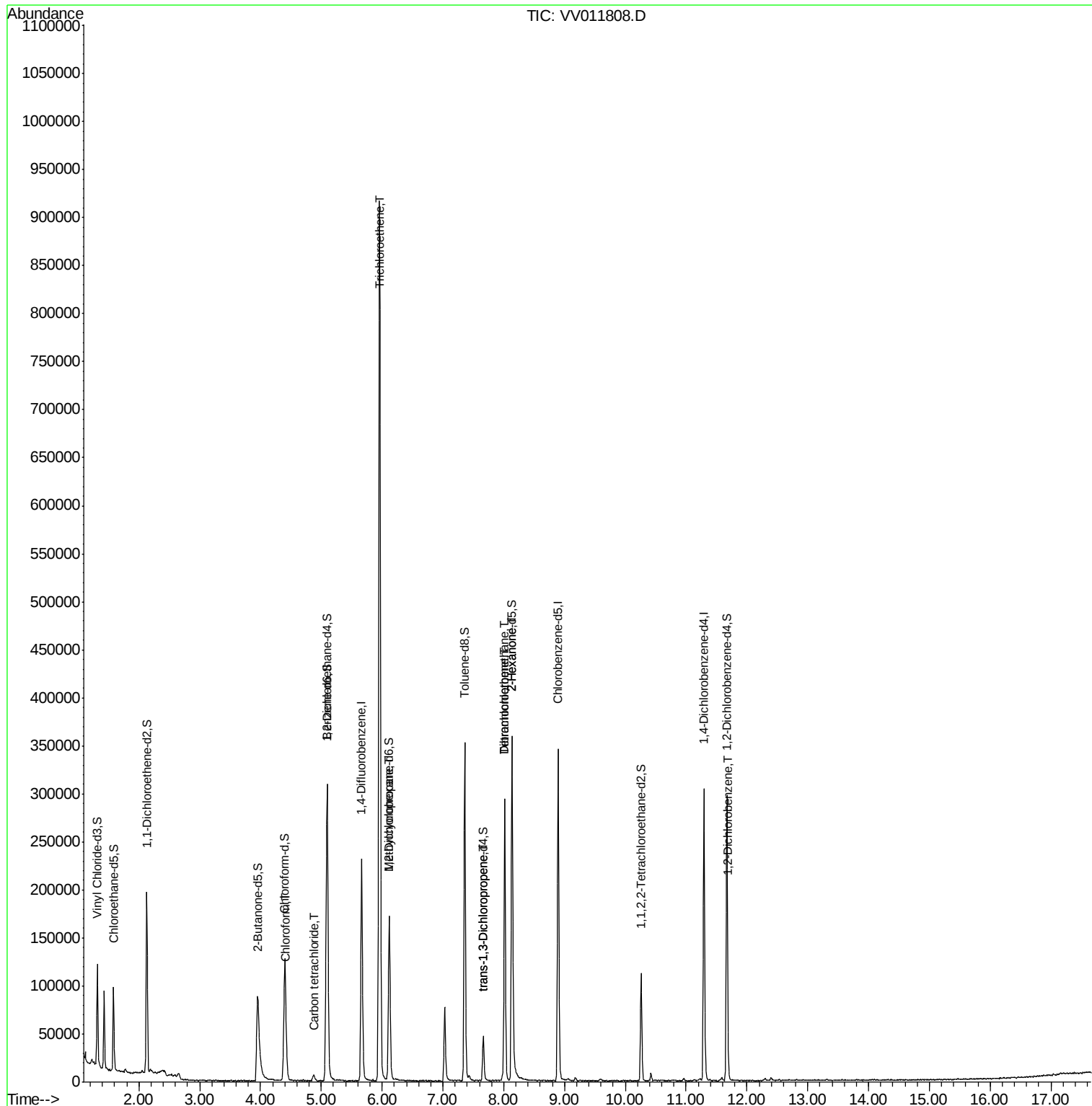
					Qvalue
25) Chloroform	4.43	83	9511	0.363 ug/L	94
31) Carbon tetrachloride	4.88	117	4097	0.235 ug/L	99
34) Trichloroethene	5.96	95	303260	22.571 ug/L	96
35) Methylcyclohexane	6.12	83	18571	0.845 ug/L #	15
44) trans-1,3-Dichloropropene	7.67	75	1565	0.115 ug/L	88
47) Tetrachloroethene	8.02	164	61002	5.770 ug/L	99
48) 2-Hexanone	8.14	43	18156	3.141 ug/L #	70
49) Dibromochloromethane	8.02	129	55279	6.138 ug/L #	11
65) 1,2-Dichlorobenzene	11.69	146	2398	0.112 ug/L	96

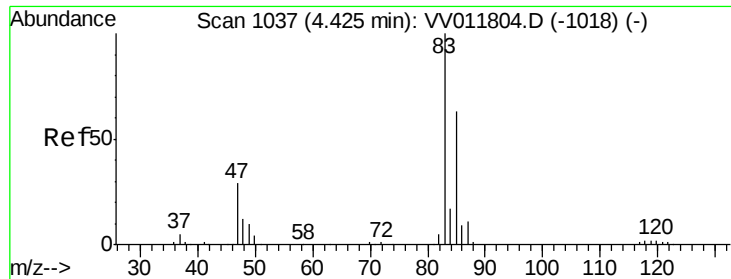
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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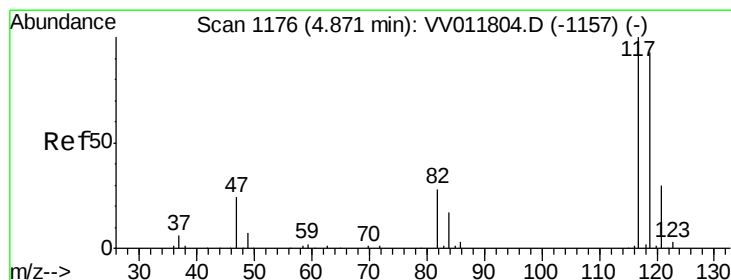
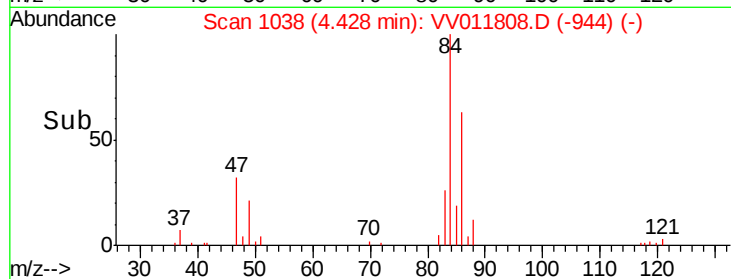
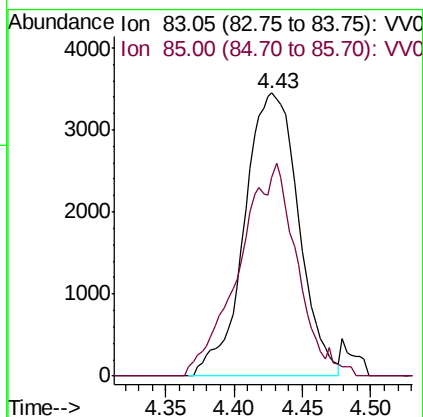
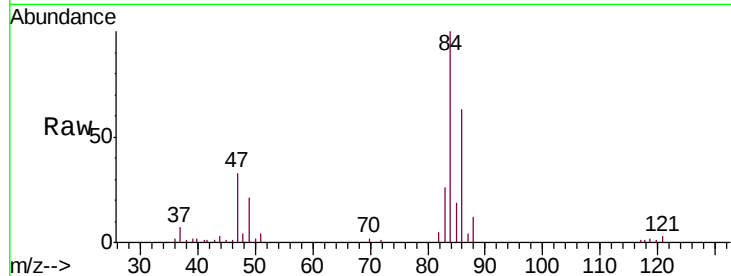




#25
Chloroform
Concen: 0.363 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011808.D
Acq: 02 Jul 2019 17:31

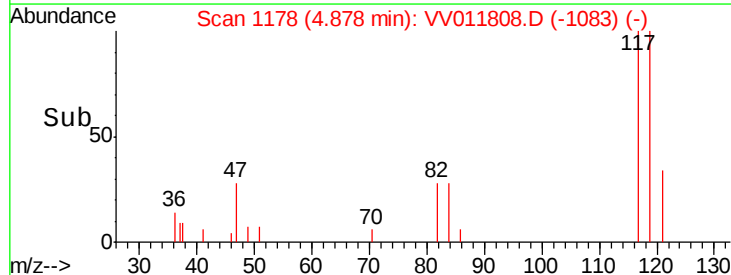
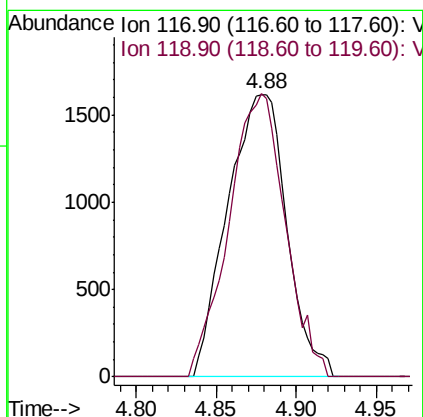
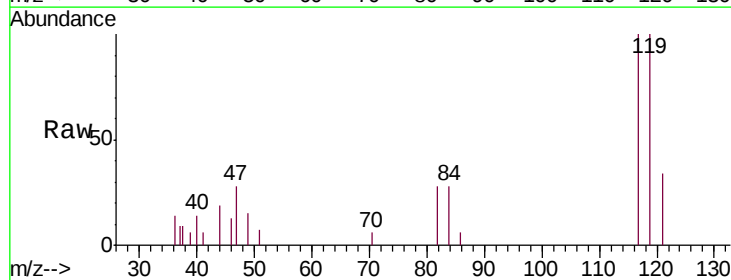
Instrument :
MSVOA_V
ClientSampleId :
GAML8

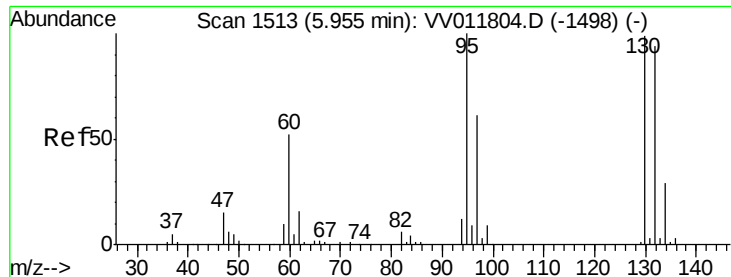
Tgt Ion: 83 Resp: 9511
Ion Ratio Lower Upper
83 100
85 70.3 45.9 85.3



#31
Carbon tetrachloride
Concen: 0.235 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VV011808.D
Acq: 02 Jul 2019 17:31

Tgt Ion: 117 Resp: 4097
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6

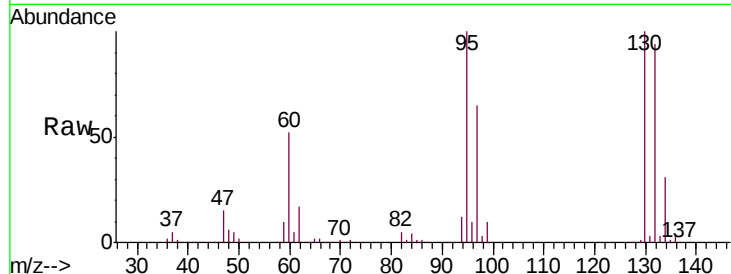




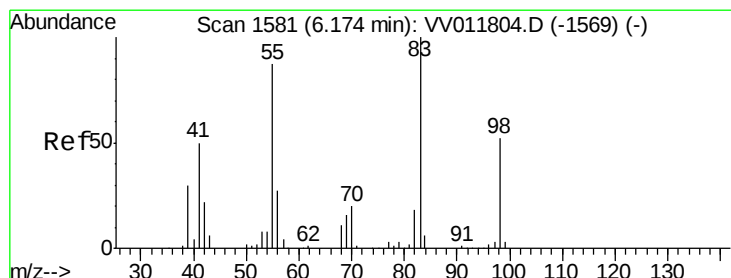
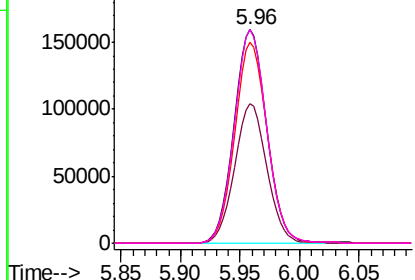
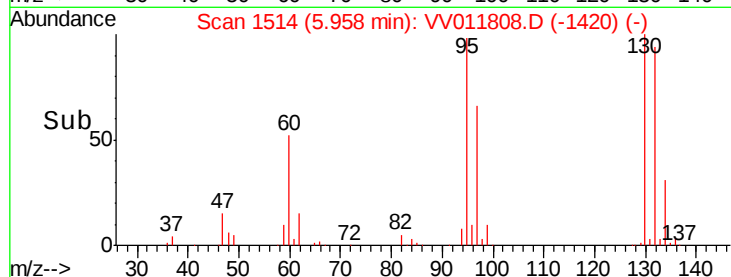
#34
 Trichloroethene
 Concen: 22.571 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011808.D
 Acq: 02 Jul 2019 17:31

Instrument :
 MSVOA_V
 ClientSampleId :
 GAML8

Tgt Ion:	95	Resp:	303260
Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.7	81.1
132	94.0	63.7	118.3
130	99.8	67.1	124.7

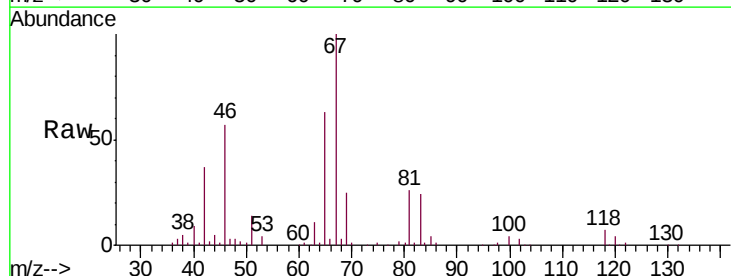


Abundance Ion 95.00 (94.70 to 95.70): VV011808.D (-1498) (-)
 Ion 96.95 (96.65 to 97.65): VV011808.D (-1498) (-)
 Ion 131.95 (131.65 to 132.65): VV011808.D (-1498) (-)
 Ion 129.95 (129.65 to 130.65): VV011808.D (-1498) (-)

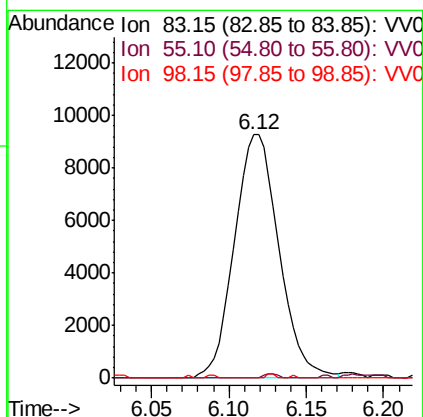
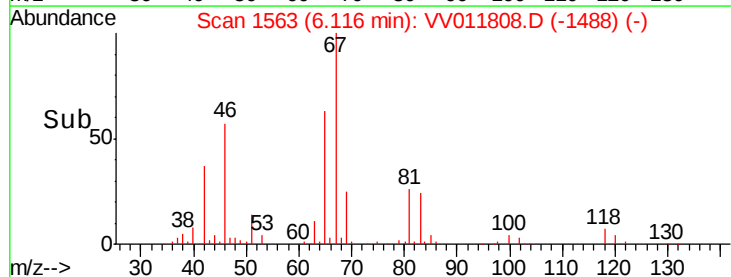


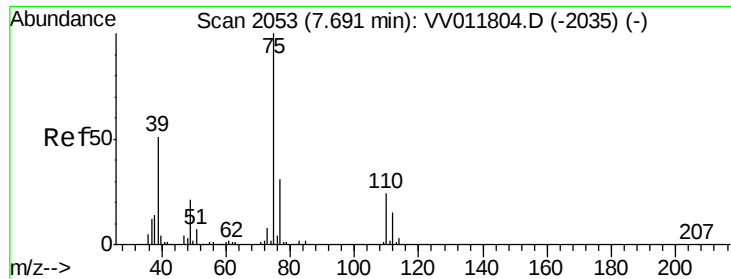
#35
 Methylcyclohexane
 Concen: 0.845 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV011808.D
 Acq: 02 Jul 2019 17:31

Tgt Ion:	83	Resp:	18571
Ion	Ratio	Lower	Upper
83	100		
55	0.5	67.8	101.6#
98	0.0	39.8	59.8#



Abundance Ion 83.15 (82.85 to 83.85): VV011808.D (-1488) (-)
 Ion 55.10 (54.80 to 55.80): VV011808.D (-1488) (-)
 Ion 98.15 (97.85 to 98.85): VV011808.D (-1488) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV011808.D

Acq: 02 Jul 2019 17:31

Instrument :

MSVOA_V

ClientSampleId :

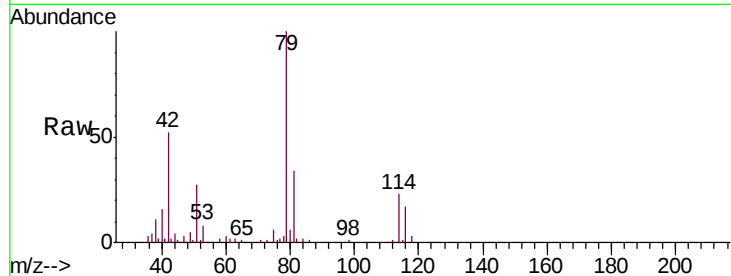
GAML8

Tgt Ion: 75 Resp: 1565

Ion Ratio Lower Upper

75 100

77 37.2 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

800

600

400

200

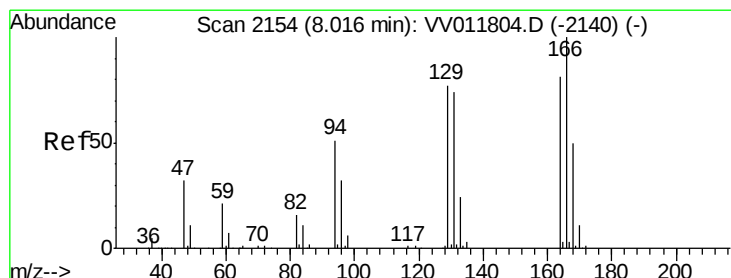
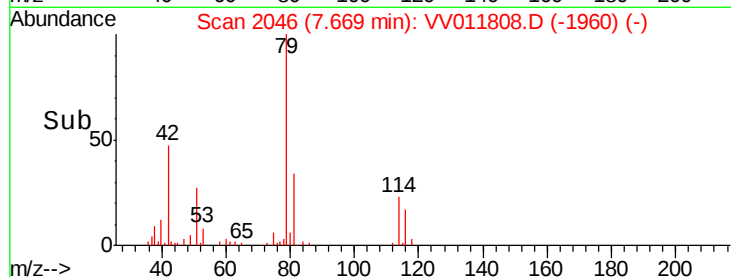
0

7.60

7.65

7.70

Time-->



#47

Tetrachloroethene

Concen: 5.770 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011808.D

Acq: 02 Jul 2019 17:31

Tgt Ion: 164 Resp: 61002

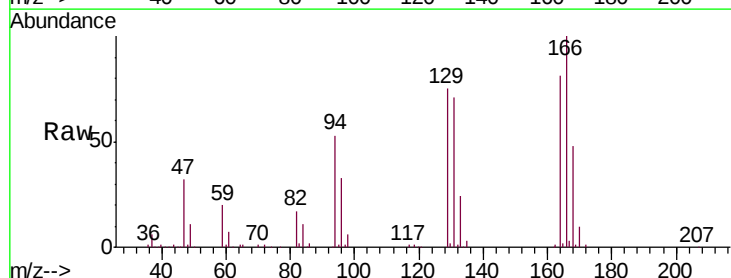
Ion Ratio Lower Upper

164 100

129 92.7 65.7 121.9

131 88.1 63.2 117.4

166 123.6 85.8 159.3



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

60000

40000

20000

0

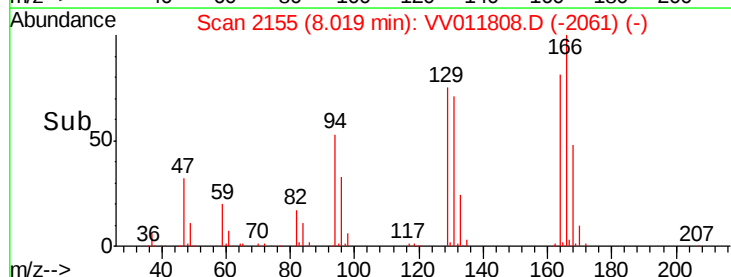
7.95

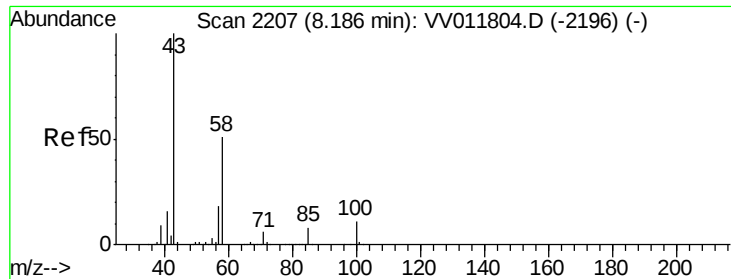
8.00

8.05

8.10

Time-->

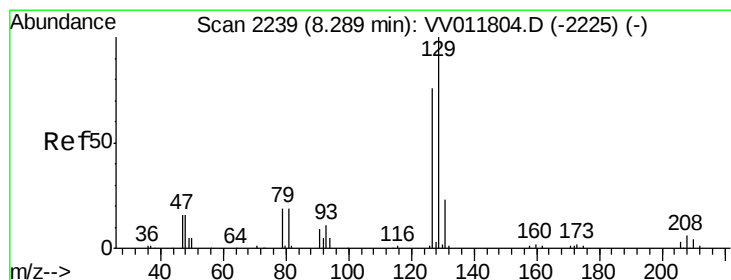
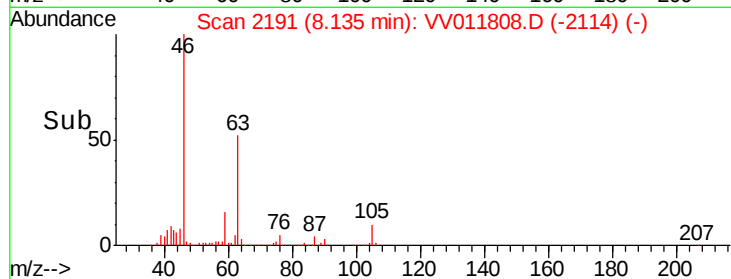
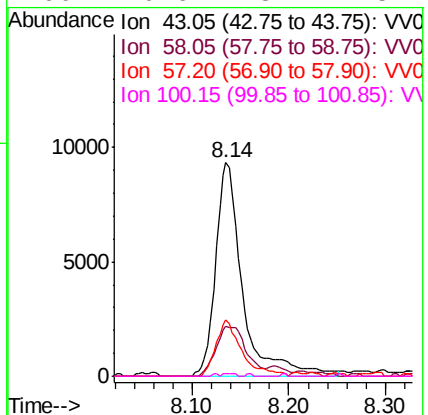
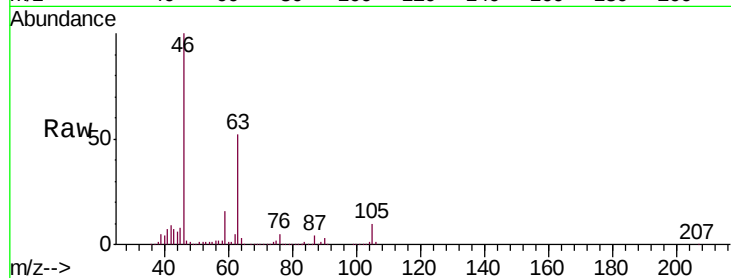




#48
2-Hexanone
Concen: 3.141 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011808.D
Acq: 02 Jul 2019 17:31

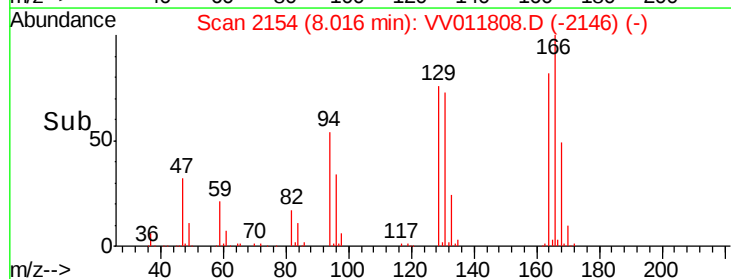
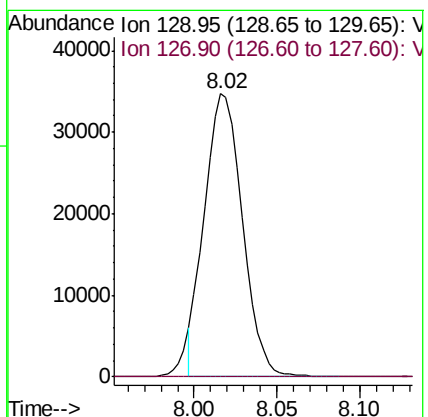
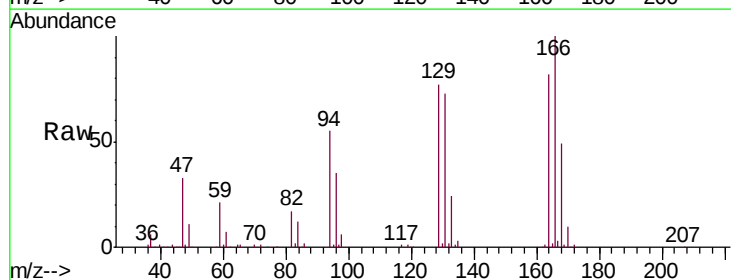
Instrument :
MSVOA_V
ClientSampled :
GAML8

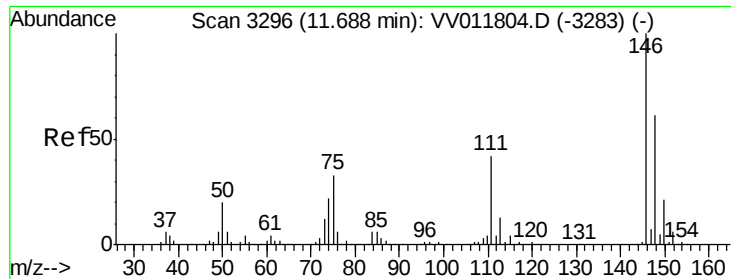
Tgt Ion: 43 Resp: 18156
Ion Ratio Lower Upper
43 100
58 25.9 40.9 61.3#
57 25.1 14.3 21.5#
100 0.6 8.7 13.1#



#49
Dibromochloromethane
Concen: 6.138 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011808.D
Acq: 02 Jul 2019 17:31

Tgt Ion: 129 Resp: 55279
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#65
 1,2-Dichlorobenzene
 Concen: 0.112 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV011808.D
 Acq: 02 Jul 2019 17:31

Instrument :
 MSVOA_V
 ClientSampleId :
 GAML8

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.2	34.6	52.0
148	67.6	53.3	79.9

