

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040419\
 Data File : VV010120.D
 Acq On : 04 Apr 2019 20:17
 Operator : SY/MD
 Sample : K2246-08
 Misc : 5.82G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF155

Quant Time: Apr 05 01:31:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	267782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	267215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127768	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64823	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.32%
7) Chloroethane-d5	1.58	69	63610	14.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.16%
10) 1,1-Dichloroethene-d2	2.13	63	139352	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	3.93	46	48013	47.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.14%
24) Chloroform-d	4.40	84	145665	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	5.08	65	90546	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
29) Benzene-d6	5.10	84	301681	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	6.12	67	90057	22.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.08%
37) Toluene-d8	7.36	98	280572	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.04%
38) trans-1,3-Dichloropropene-	7.66	79	35499	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	8.13	63	36620	44.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	89642	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	117169	23.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.16%

Target Compounds

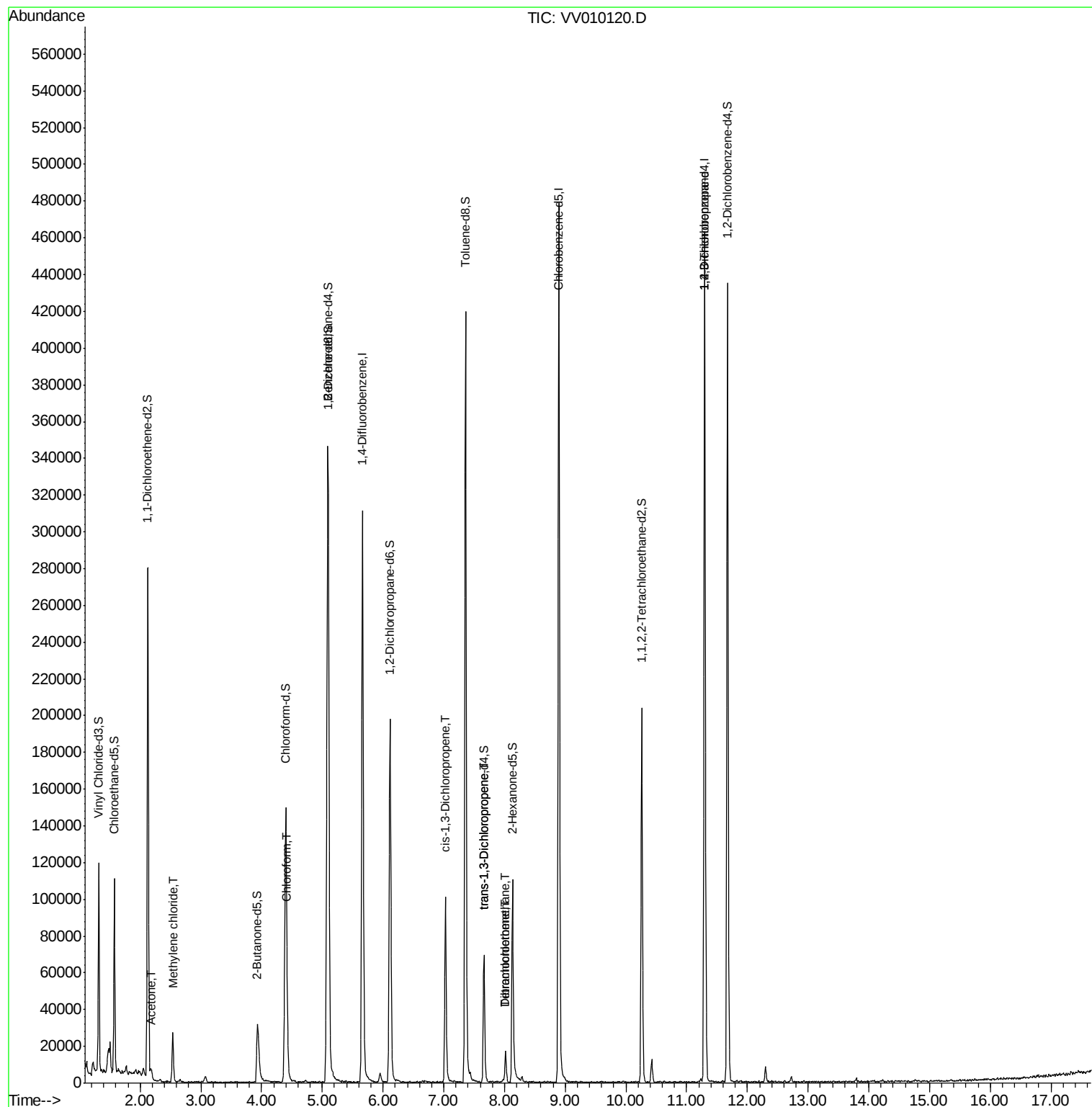
					Qvalue
13) Acetone	2.19	43	1520	1.507 ug/L	46
16) Methylene chloride	2.54	84	10686	2.271 ug/L	93
25) Chloroform	4.43	83	6040	0.992 ug/L	79
42) cis-1,3-Dichloropropene	7.03	75	2838	0.594 ug/L #	80
45) trans-1,3-Dichloropropene	7.66	75	2050	0.504 ug/L	99
47) Tetrachloroethene	8.02	164	3863	1.227 ug/L	87
50) Dibromochloromethane	8.02	129	3632	1.107 ug/L #	12
59) 1,2,3-Trichloropropane	11.30	75	16722	6.202 ug/L	90

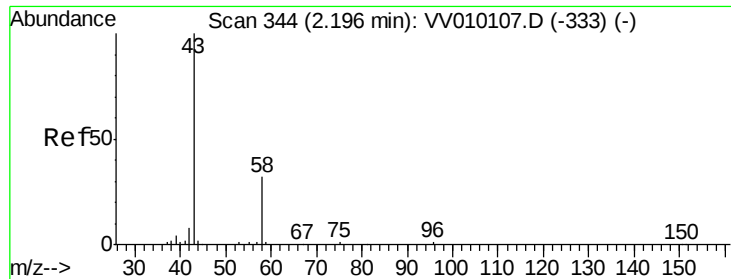
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV040419\
Data File : VV010120.D
Acq On : 04 Apr 2019 20:17
Operator : SY/MD
Sample : K2246-08
Misc : 5.82G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BF155

Quant Time: Apr 05 01:31:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 01:26:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.507 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010120.D

Acq: 04 Apr 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

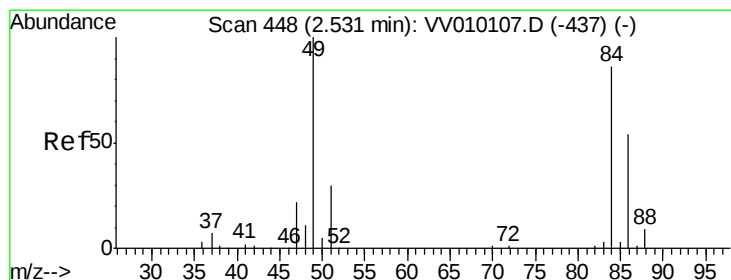
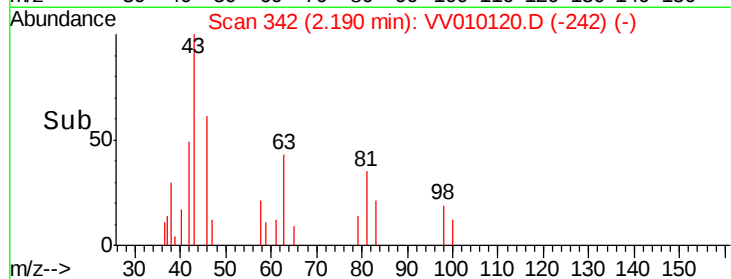
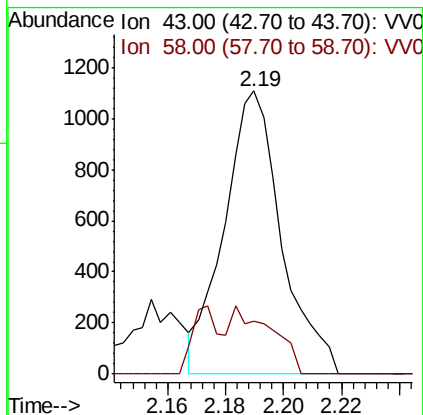
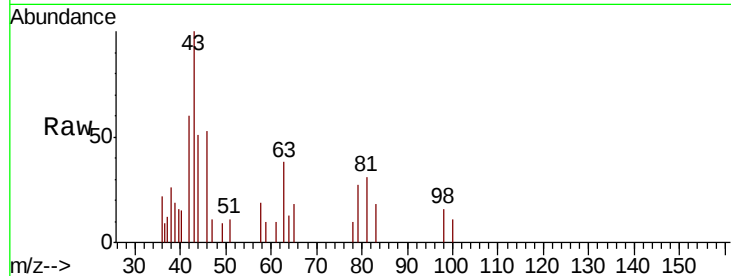
BF155

Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

58 2.2 0.0 64.6



#16

Methylene chloride

Concen: 2.271 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010120.D

Acq: 04 Apr 2019 20:17

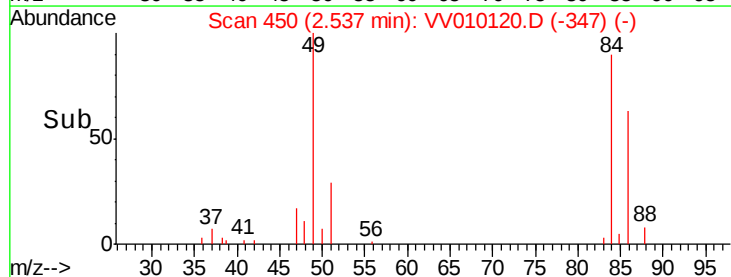
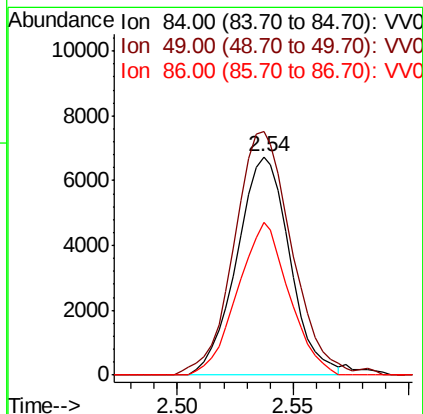
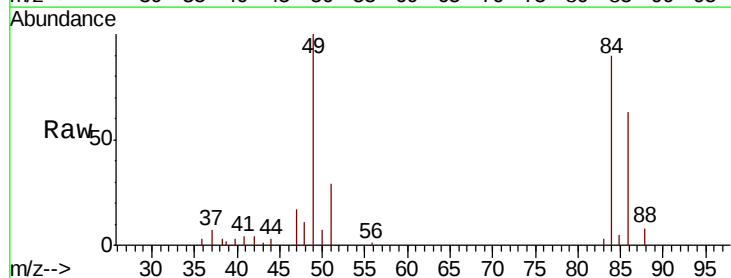
Tgt Ion: 84 Resp: 10686

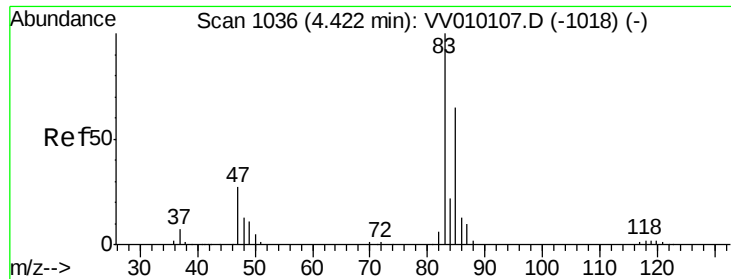
Ion Ratio Lower Upper

84 100

49 111.5 84.3 156.5

86 69.9 45.4 84.2

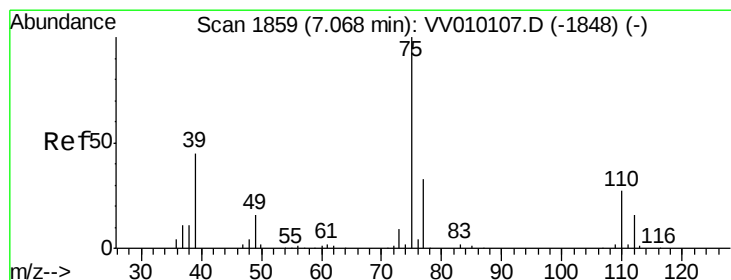
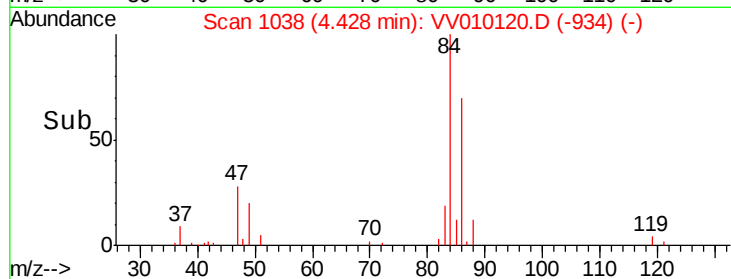
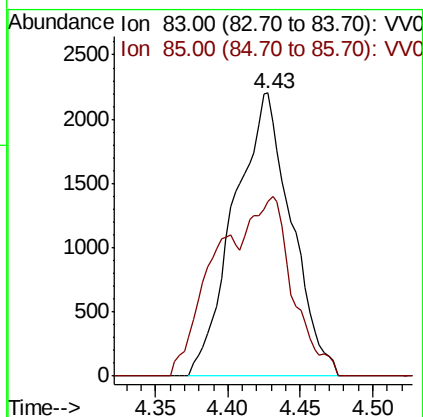
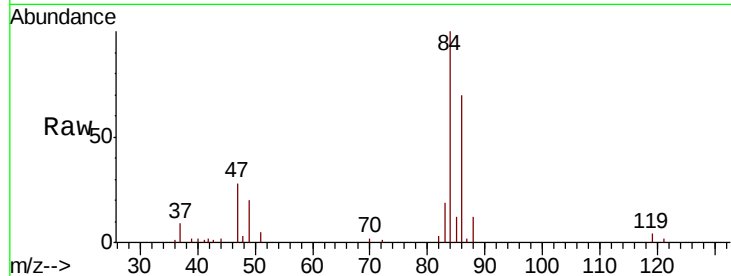




#25
Chloroform
Concen: 0.992 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010120.D
Acq: 04 Apr 2019 20:17

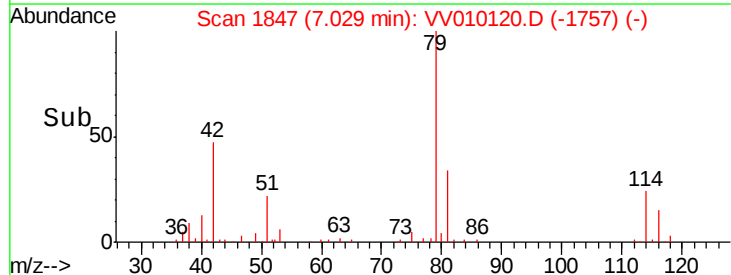
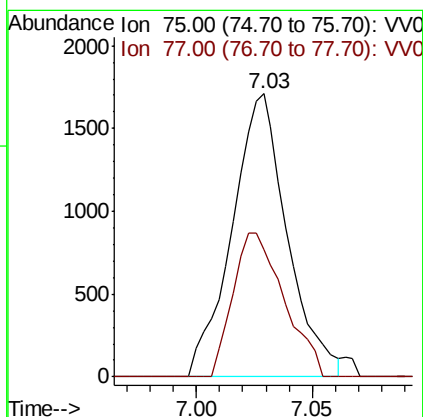
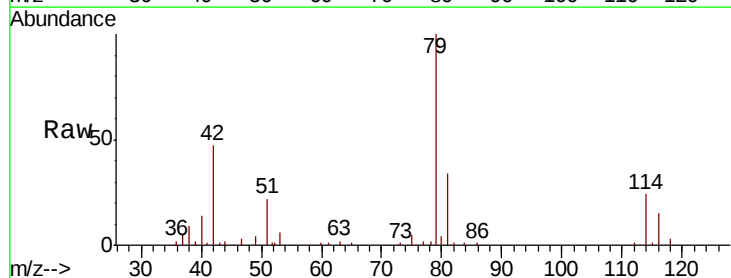
Instrument :
MSVOA_V
ClientSampleId :
BF155

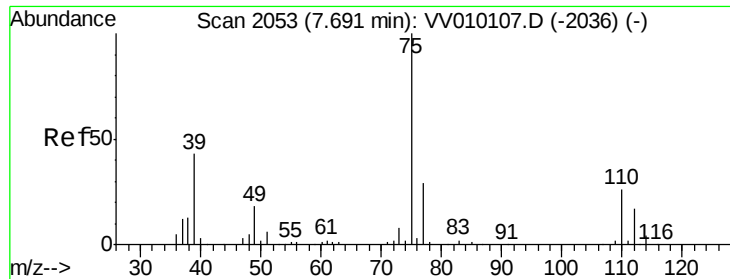
Tgt Ion: 83 Resp: 6040
Ion Ratio Lower Upper
83 100
85 49.4 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.594 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010120.D
Acq: 04 Apr 2019 20:17

Tgt Ion: 75 Resp: 2838
Ion Ratio Lower Upper
75 100
77 42.6 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV010120.D

Acq: 04 Apr 2019 20:17

Instrument :

MSVOA_V

ClientSampled :

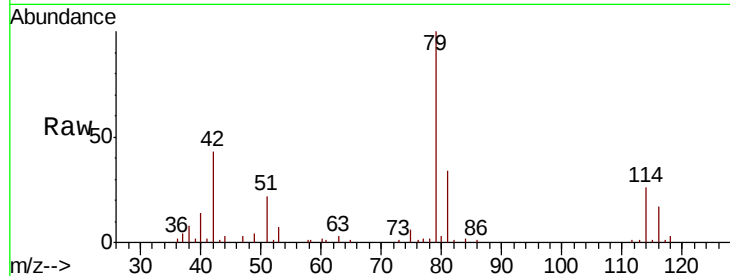
BF155

Tgt Ion: 75 Resp: 2050

Ion Ratio Lower Upper

75 100

77 34.4 23.5 43.7



Abundance Ion 75.00 (74.70 to 75.70): VV010107.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV010107.D (-2036) (-)

7.66

1500

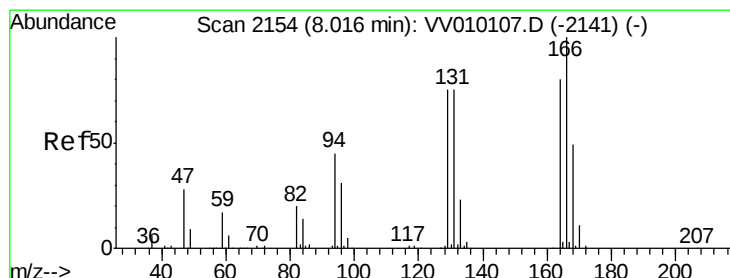
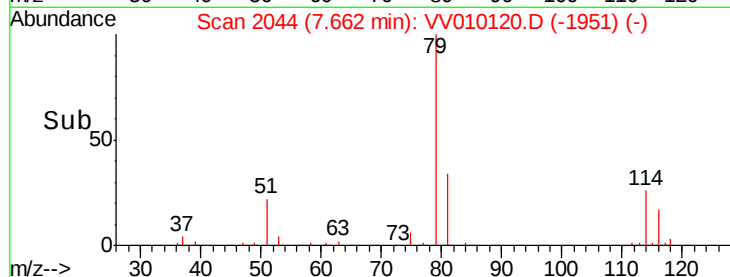
1000

500

0

7.62 7.64 7.66 7.68 7.70

Time-->



#47

Tetrachloroethene

Concen: 1.227 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010120.D

Acq: 04 Apr 2019 20:17

Tgt Ion: 164 Resp: 3863

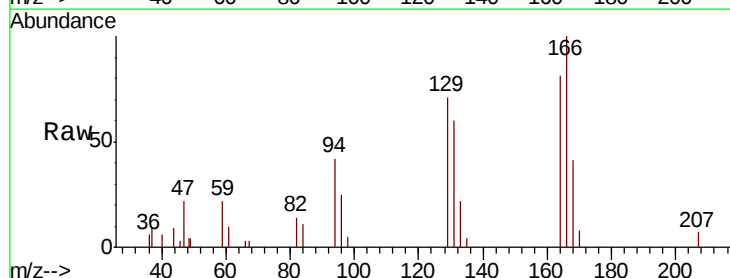
Ion Ratio Lower Upper

164 100

129 87.0 67.8 125.8

131 74.3 65.2 121.0

166 122.9 93.8 174.2



Abundance Ion 164.00 (163.70 to 164.70): VV010107.D (-2141) (-)

Ion 129.00 (128.70 to 129.70): VV010107.D (-2141) (-)

Ion 131.00 (130.70 to 131.70): VV010107.D (-2141) (-)

Ion 166.00 (165.70 to 166.70): VV010107.D (-2141) (-)

8.02

4000

3000

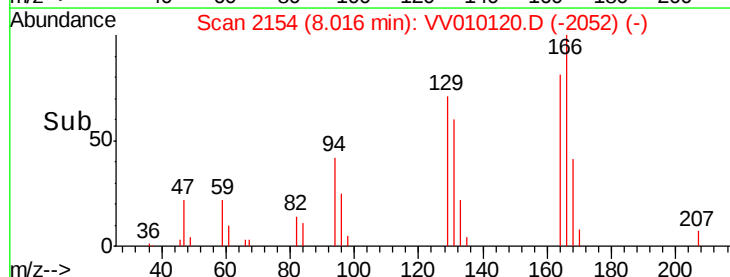
2000

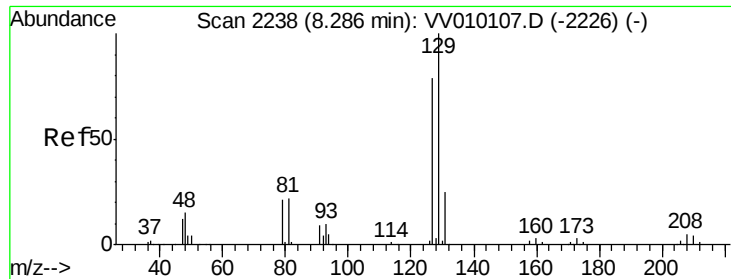
1000

0

8.00 8.05

Time-->

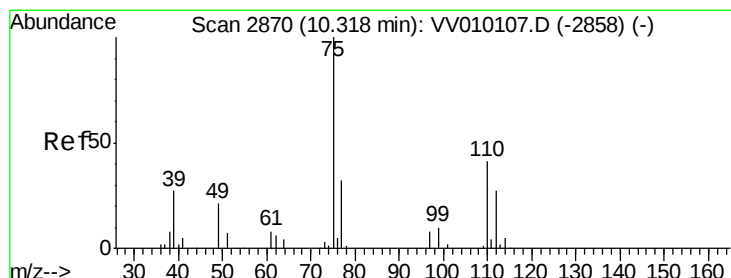
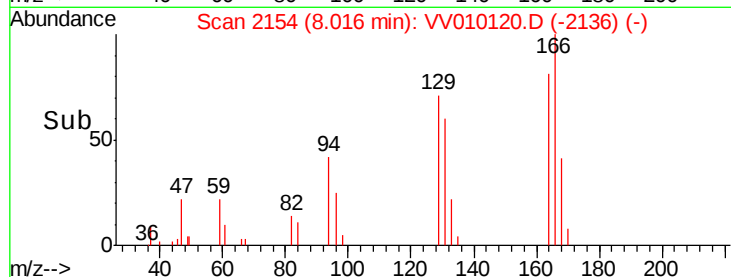
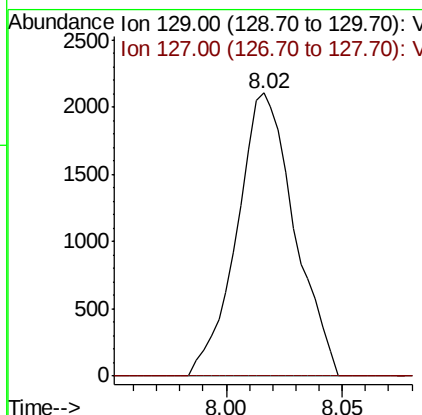
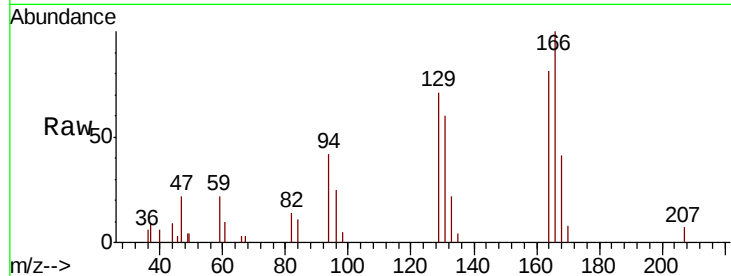




#50
 Dibromochloromethane
 Concen: 1.107 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV010120.D
 Acq: 04 Apr 2019 20:17

Instrument :
 MSVOA_V
 ClientSampleId :
 BF155

Tgt Ion: 129 Resp: 3632
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.1 96.7#



#59
 1,2,3-Trichloropropane
 Concen: 6.202 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010120.D
 Acq: 04 Apr 2019 20:17

Tgt Ion: 75 Resp: 16722
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.8 38.8

