

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014006.D
 Acq On : 11 Dec 2019 12:24
 Operator : SY/MD
 Sample : K6200-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFF08

Quant Time: Dec 12 03:11:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 03:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	629662	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	582954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	252867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	244	0.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.14%#
7) Chloroethane-d5	1.56	69	198584	52.24	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.48%
11) 1,1-Dichloroethene-d2	2.12	63	254049	31.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.10%
21) 2-Butanone-d5	3.92	46	218416	85.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.21%
24) Chloroform-d	4.39	84	359244	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.07	65	229928	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.09	84	754480	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.11	67	236438	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.28%
41) Toluene-d8	7.35	98	431098	31.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	7.66	79	76536	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.38%
47) 2-Hexanone-d5	8.13	63	132134	78.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.04%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	286073	43.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	260206	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

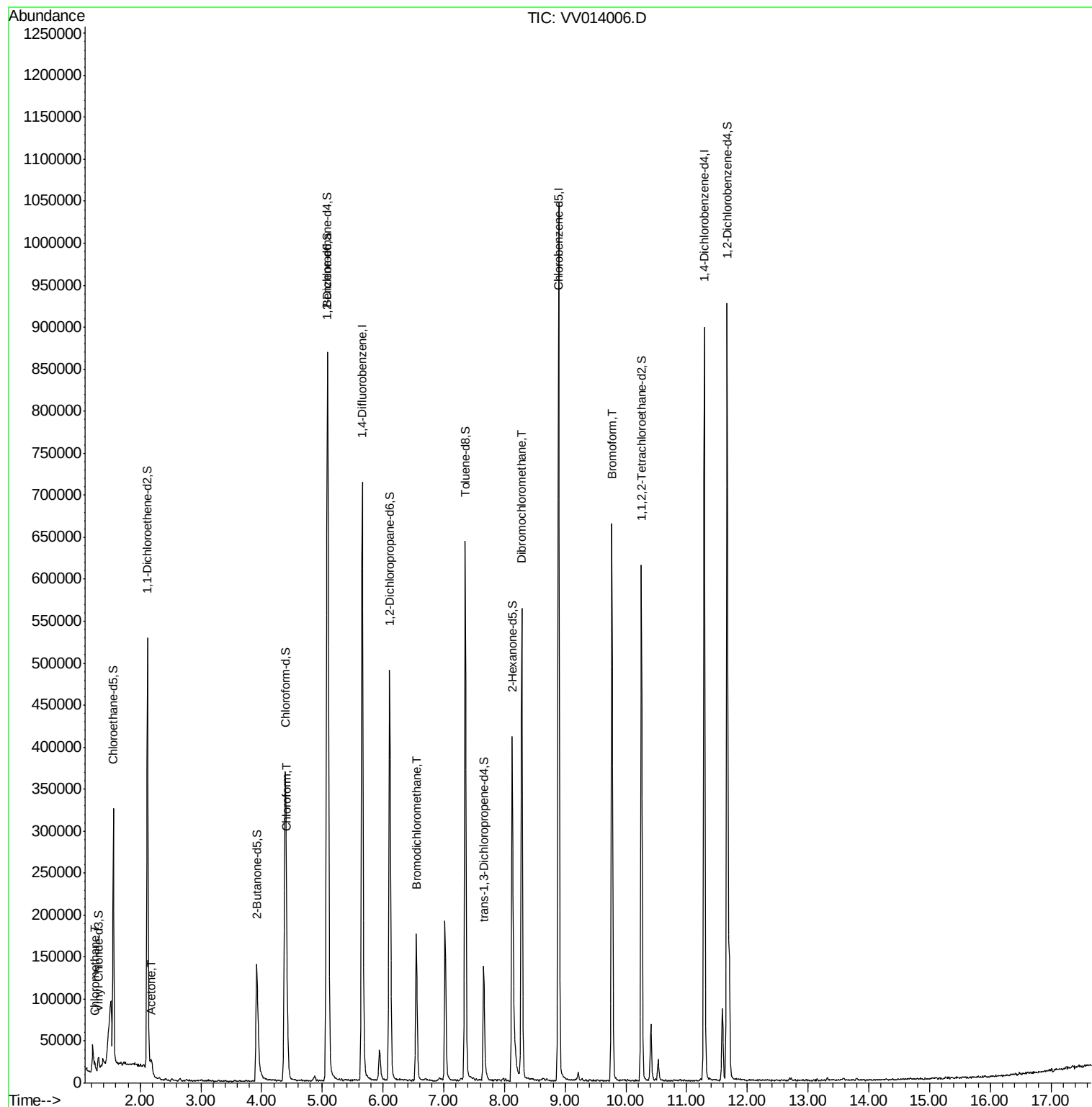
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	4941	0.964	ug/L	98
13) Acetone	2.18	43	5256	1.399	ug/L	83
25) Chloroform	4.42	83	57189	6.636	ug/L	99
38) Bromodichloromethane	6.55	83	115584	19.397	ug/L	96
49) Dibromochloromethane	8.29	129	287798	56.451	ug/L	99
61) Bromoform	9.77	173	310287	100.311	ug/L	99

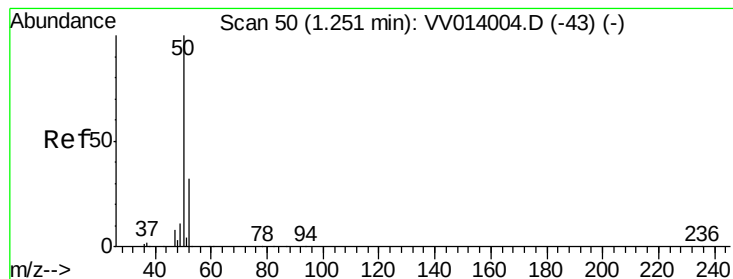
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 03:01:11 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.964 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV014006.D

Acq: 11 Dec 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

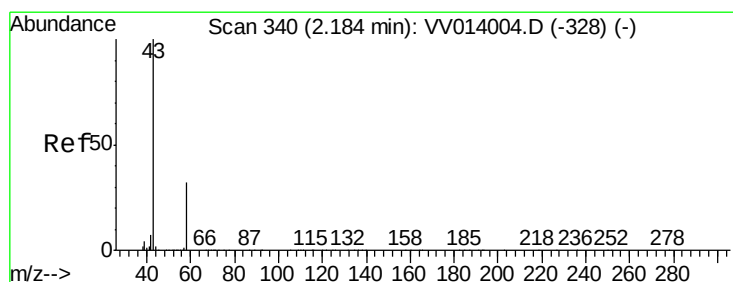
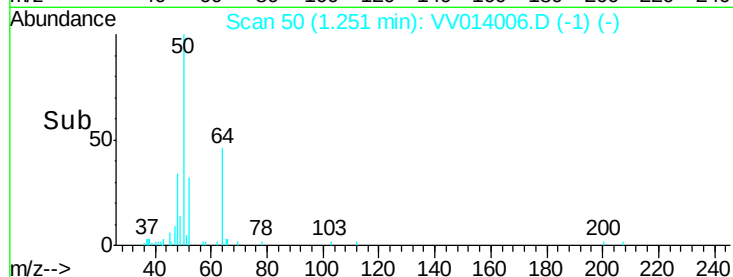
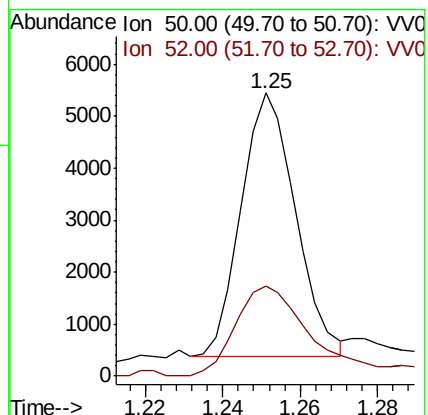
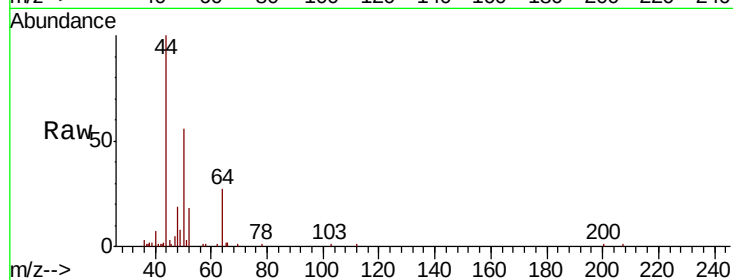
BFF08

Tot Ion: 50 Resp: 4941

Ion Ratio Lower Upper

50 100

52 31.6 23.0 42.6



#13

Acetone

Concen: 1.399 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV014006.D

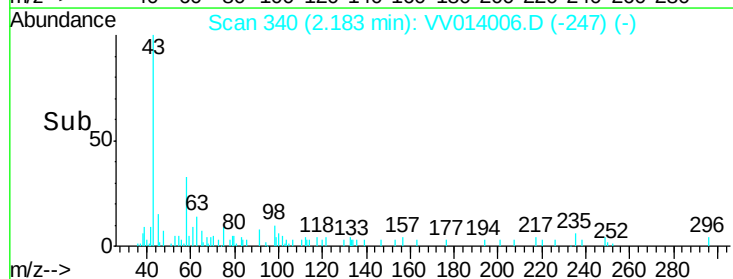
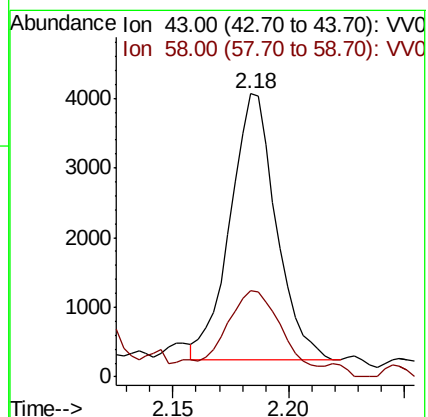
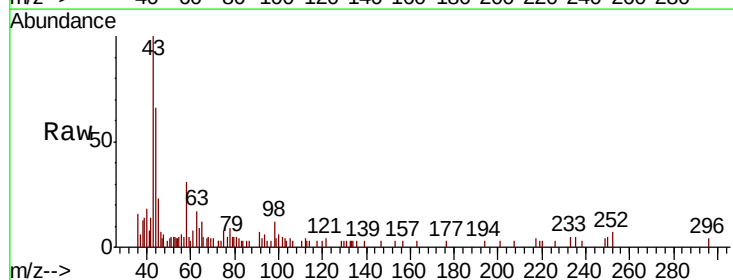
Acq: 11 Dec 2019 12:24

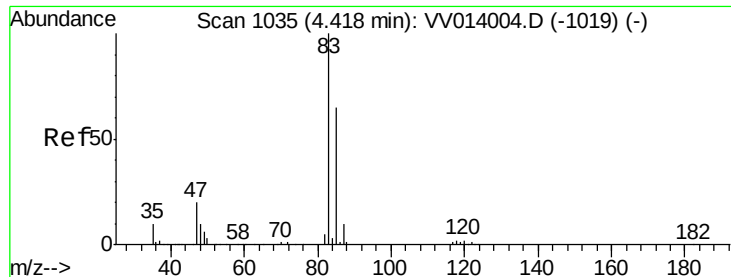
Tgt Ion: 43 Resp: 5256

Ion Ratio Lower Upper

43 100

58 39.5 0.0 60.8





#25

Chloroform

Concen: 6.636 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV014006.D

Acq: 11 Dec 2019 12:24

Instrument :

MSVOA_V

ClientSampled :

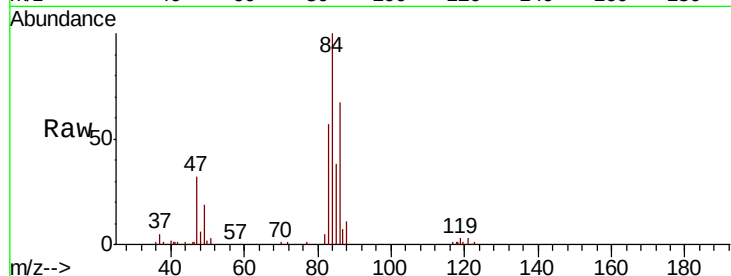
BFF08

Tot Ion: 83 Resp: 57189

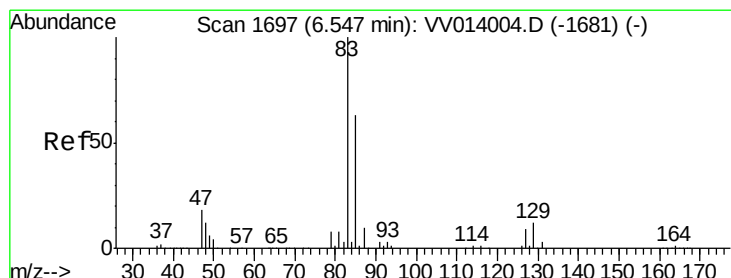
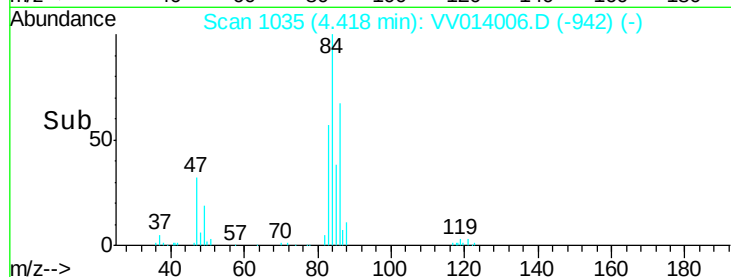
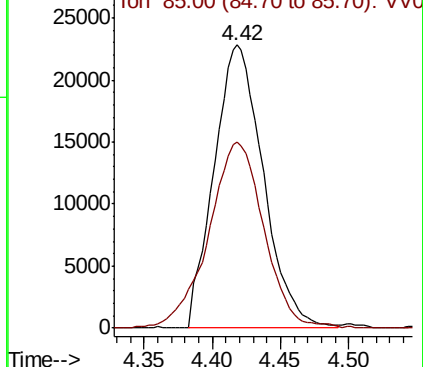
Ion Ratio Lower Upper

83 100

85 65.9 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV014004.D (-1019) (-)



#38

Bromodichloromethane

Concen: 19.397 ug/L

RT: 6.55 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VV014006.D

Acq: 11 Dec 2019 12:24

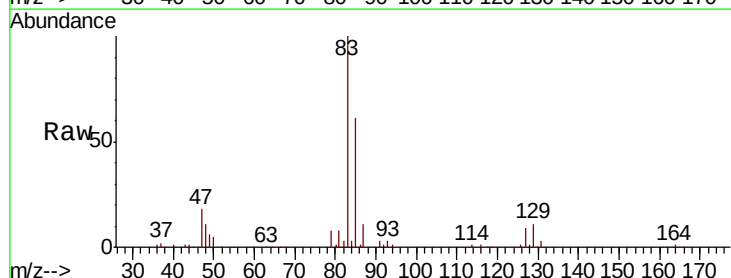
Tgt Ion: 83 Resp: 115584

Ion Ratio Lower Upper

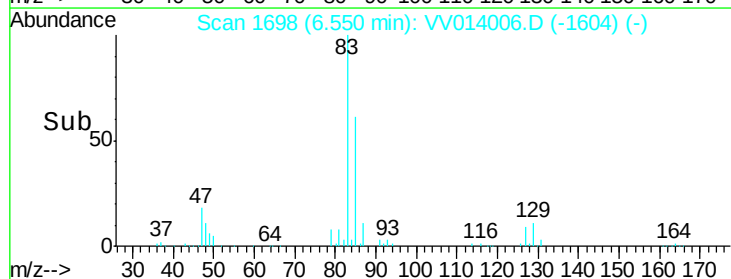
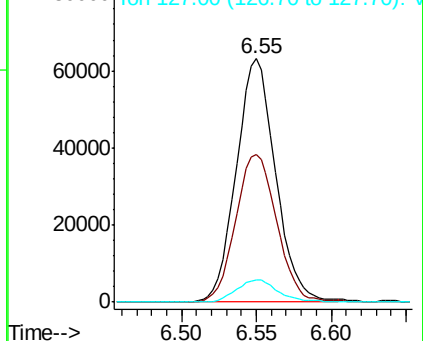
83 100

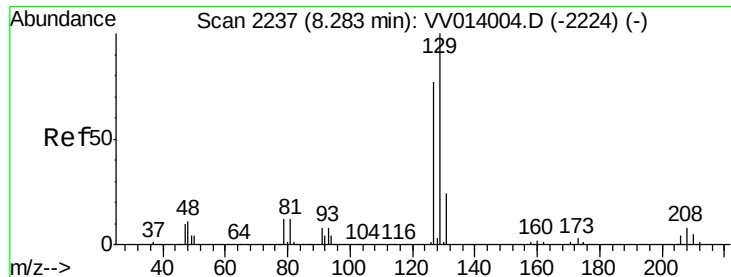
85 60.6 44.8 83.2

127 9.1 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VV014004.D (-1681) (-)





#49

Dibromochloromethane

Concen: 56.451 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. 0.00 min

Lab File: VV014006.D

Acq: 11 Dec 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

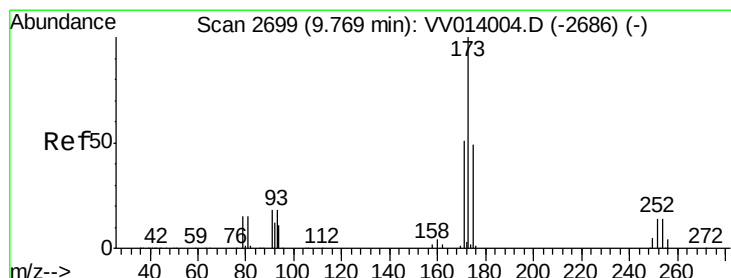
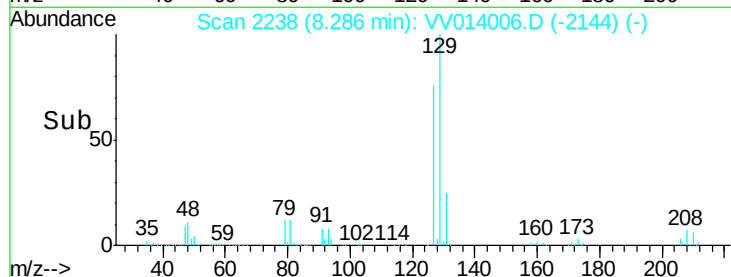
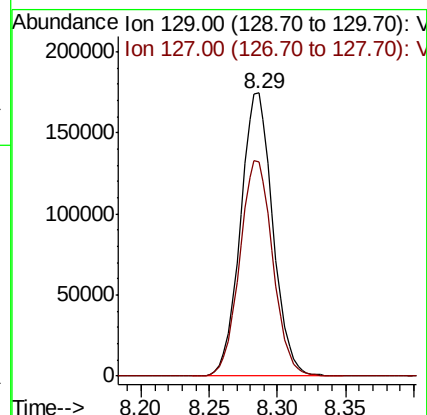
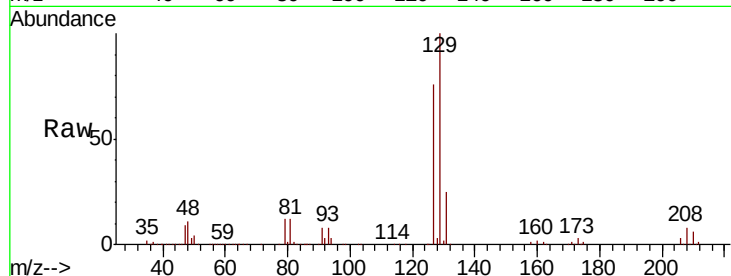
BFF08

Tot Ion:129 Resp: 287798

Ion Ratio Lower Upper

129 100

127 75.7 53.7 99.7



#61

Bromoform

Concen: 100.311 ug/L

RT: 9.77 min Scan# 2699

Delta R.T. -0.00 min

Lab File: VV014006.D

Acq: 11 Dec 2019 12:24

Tgt Ion:173 Resp: 310287

Ion Ratio Lower Upper

173 100

175 49.0 38.4 57.6

254 13.7 10.5 15.7

