

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120919\
 Data File : VV013974.D
 Acq On : 09 Dec 2019 20:14
 Operator : SY/MD
 Sample : K6200-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFF08

Quant Time: Dec 10 09:17:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 10 04:29:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	638551	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	619454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	259830	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0d	0.00	ug/L	
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.00%#
7) Chloroethane-d5	1.57	69	189545	49.17	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.34%
11) 1,1-Dichloroethene-d2	2.00	63	262	0.03	ug/L	-0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.92	46	233004	89.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.64%
24) Chloroform-d	4.40	84	343296	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.08	65	222404	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
32) Benzene-d6	5.09	84	645955	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.48%
36) 1,2-Dichloropropane-d6	6.11	67	217068	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.10%
41) Toluene-d8	7.36	98	2970	0.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.40%#
43) trans-1,3-Dichloropropene-	7.68	79	440	0.19	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.38%#
47) 2-Hexanone-d5	8.13	63	132199	73.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.48%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	284479	40.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	244687	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%

Target Compounds

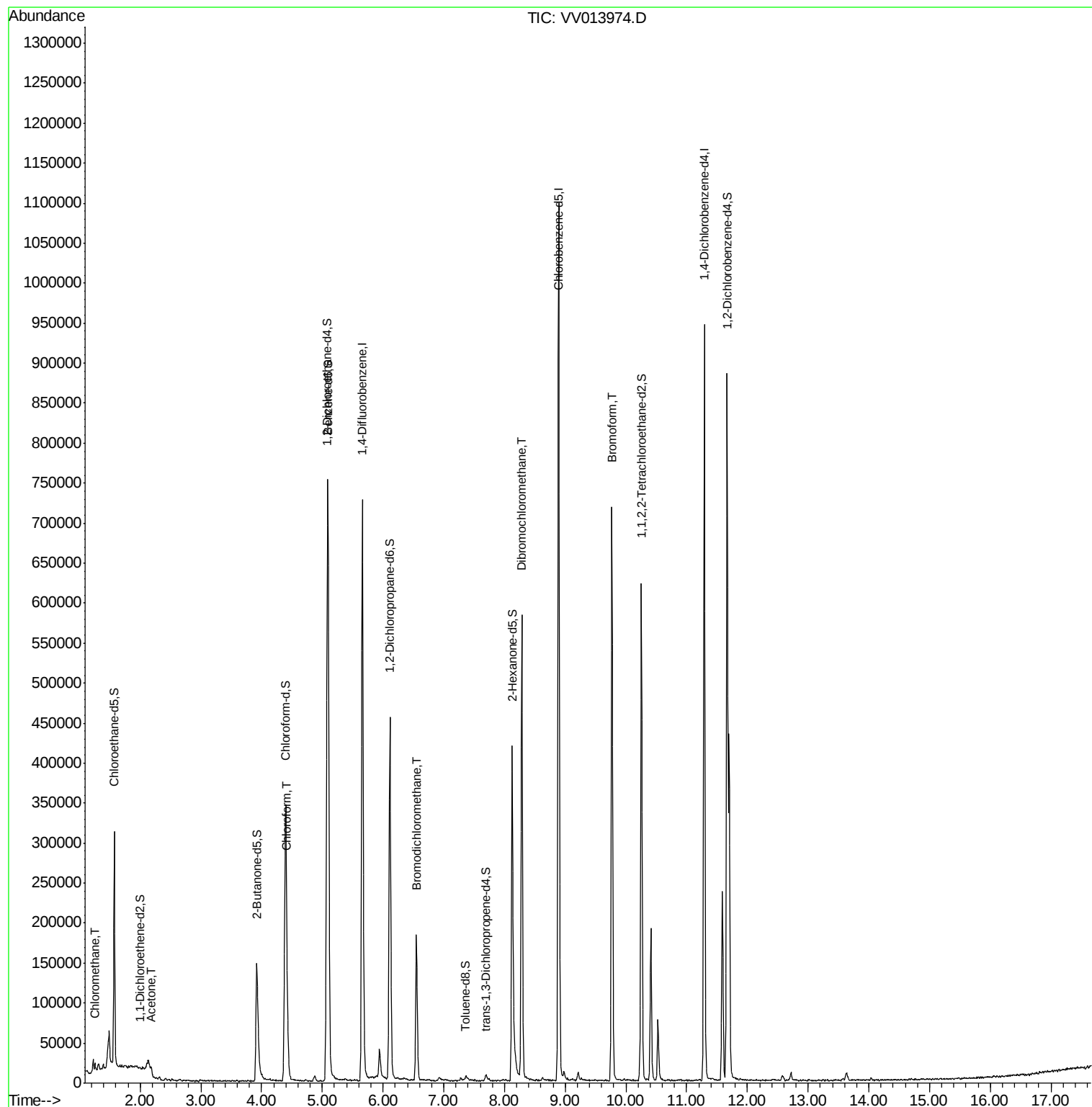
					Ovalue
3) Chloromethane	1.25	50	4913	0.945	ug/L 84
13) Acetone	2.18	43	5700	1.496	ug/L 80
25) Chloroform	4.42	83	51482	5.891	ug/L 100
38) Bromodichloromethane	6.55	83	119925	18.940	ug/L 99
49) Dibromochloromethane	8.29	129	294115	54.291	ug/L 97
61) Bromoform	9.77	173	335132	105.439	ug/L 100

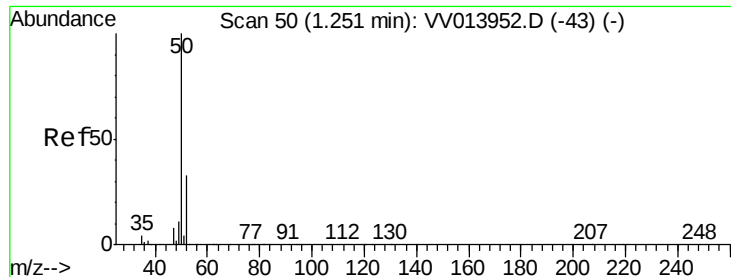
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.945 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013974.D

Acq: 09 Dec 2019 20:14

Instrument :

MSVOA_V

ClientSampleId :

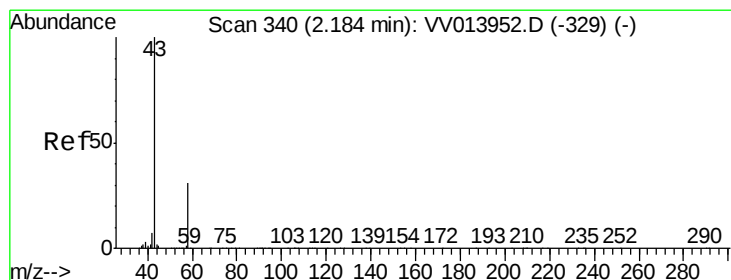
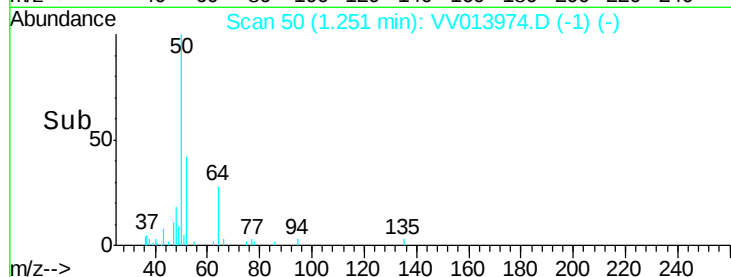
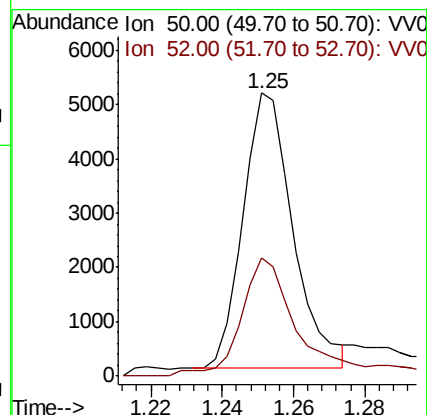
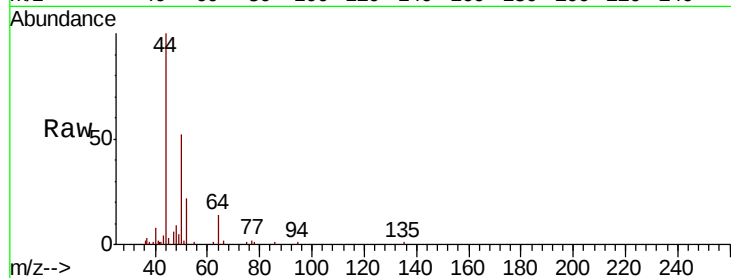
BFF08

Tot Ion: 50 Resp: 4913

Ion Ratio Lower Upper

50 100

52 42.0 23.0 42.6



#13

Acetone

Concen: 1.496 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV013974.D

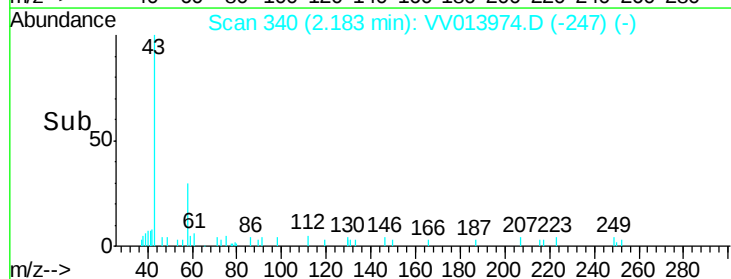
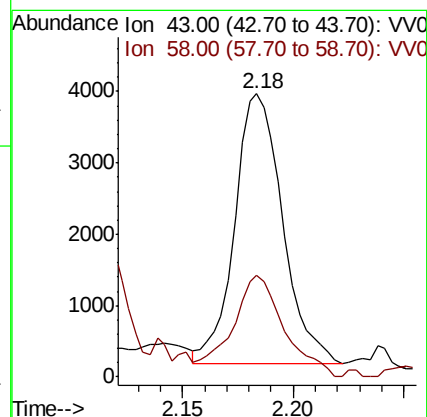
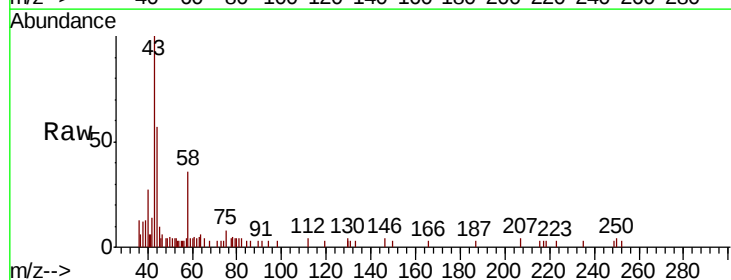
Acq: 09 Dec 2019 20:14

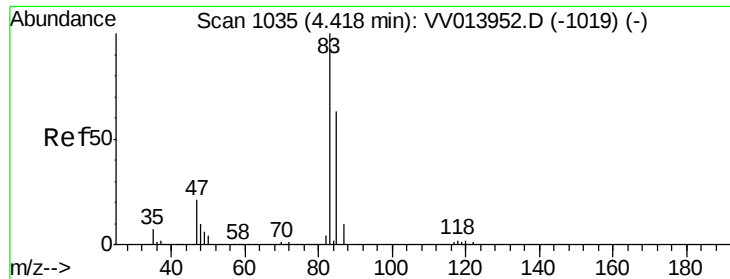
Tgt Ion: 43 Resp: 5700

Ion Ratio Lower Upper

43 100

58 41.2 0.0 60.8

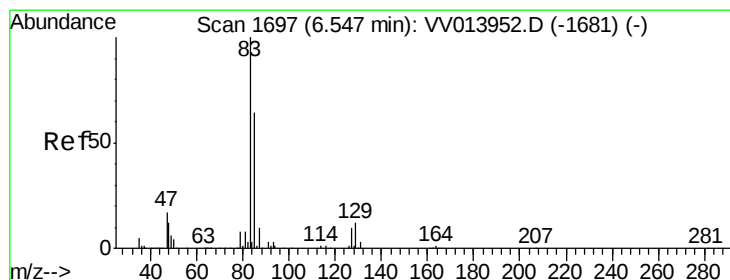
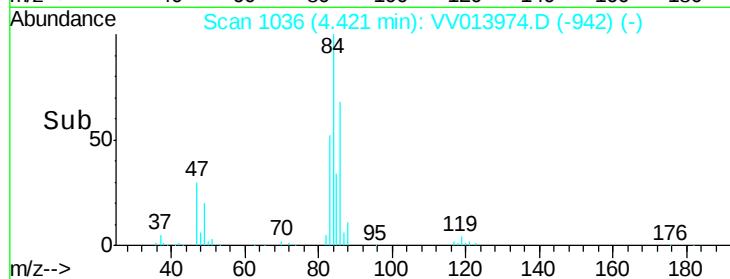
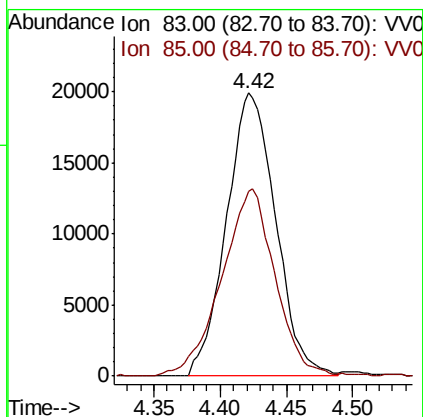
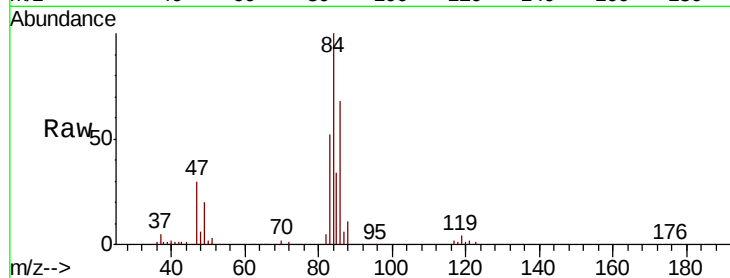




#25
Chloroform
Concen: 5.891 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013974.D
Acq: 09 Dec 2019 20:14

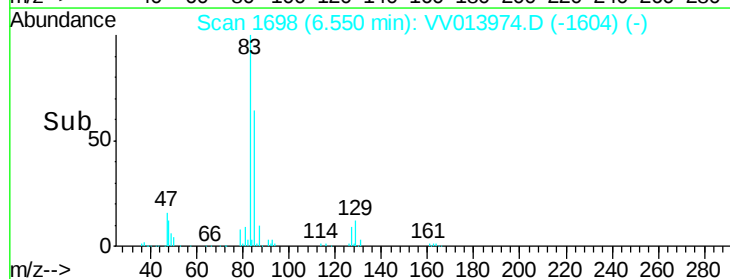
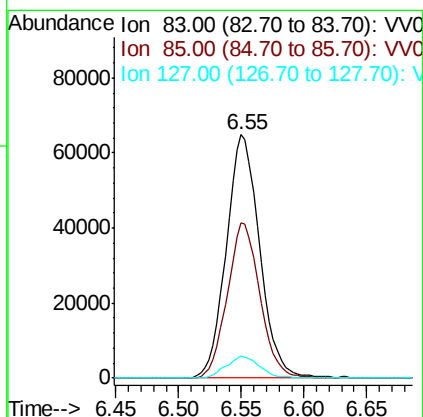
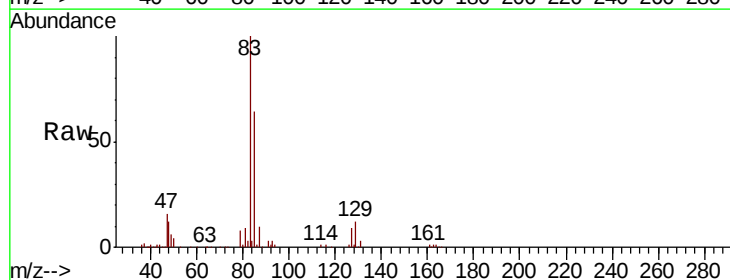
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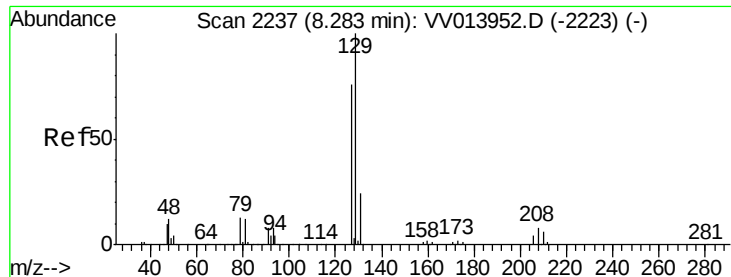
Tot Ion: 83 Resp: 51482
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



#38
Bromodichloromethane
Concen: 18.940 ug/L
RT: 6.55 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VV013974.D
Acq: 09 Dec 2019 20:14

Tgt Ion: 83 Resp: 119925
Ion Ratio Lower Upper
83 100
85 63.8 44.8 83.2
127 8.9 7.7 11.5





#49

Dibromochloromethane

Concen: 54.291 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. 0.00 min

Lab File: VV013974.D

Acq: 09 Dec 2019 20:14

Instrument :

MSVOA_V

ClientSampleId :

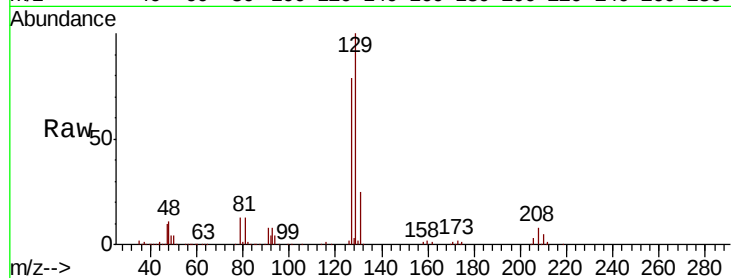
BFF08

Tot Ion:129 Resp: 294115

Ion Ratio Lower Upper

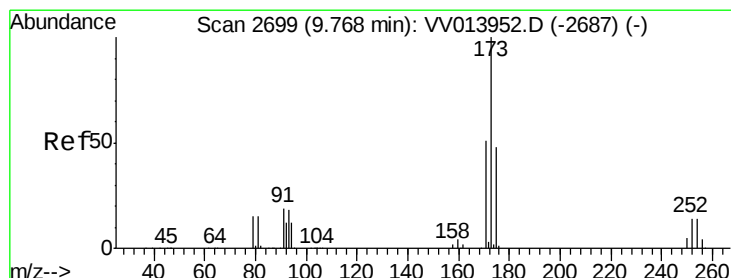
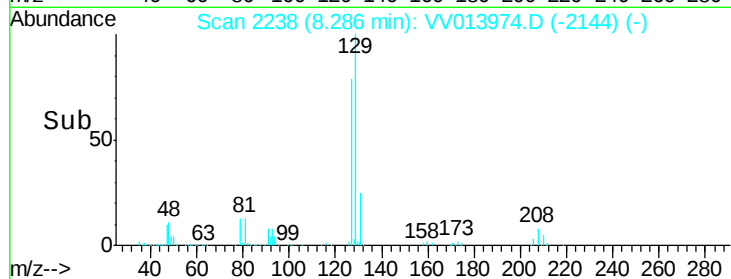
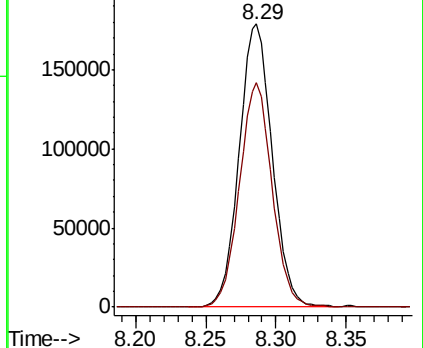
129 100

127 79.1 53.7 99.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#61

Bromoform

Concen: 105.439 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: VV013974.D

Acq: 09 Dec 2019 20:14

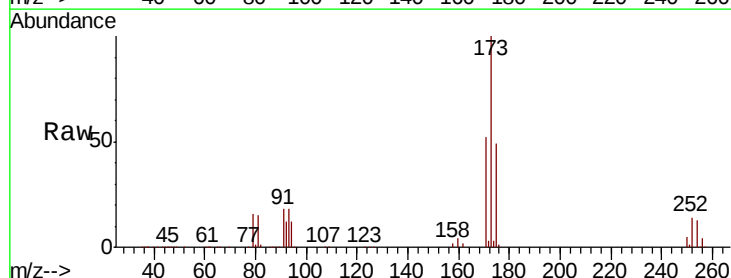
Tgt Ion:173 Resp: 335132

Ion Ratio Lower Upper

173 100

175 48.3 38.4 57.6

254 12.9 10.5 15.7



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

