

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011352.D
 Acq On : 10 Jun 2019 16:07
 Operator : SY/MD
 Sample : K3228-03RE
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P02RE

Quant Time: Jun 11 02:21:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 01:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155042	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	59922	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	314	0.03	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.60%#
7) Chloroethane-d5	1.55	69	38476	3.94	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.12	63	19630	0.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.80%#
20) 2-Butanone-d5	3.94	46	134706	50.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	4.40	84	92851	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	51501	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.09	84	178516	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.12	67	57655	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	5023	0.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	2.60%#
43) trans-1,3-Dichloropropene-	7.67	79	3168	0.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	12.60%#
46) 2-Hexanone-d5	8.13	63	102083	48.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42270	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	55610	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

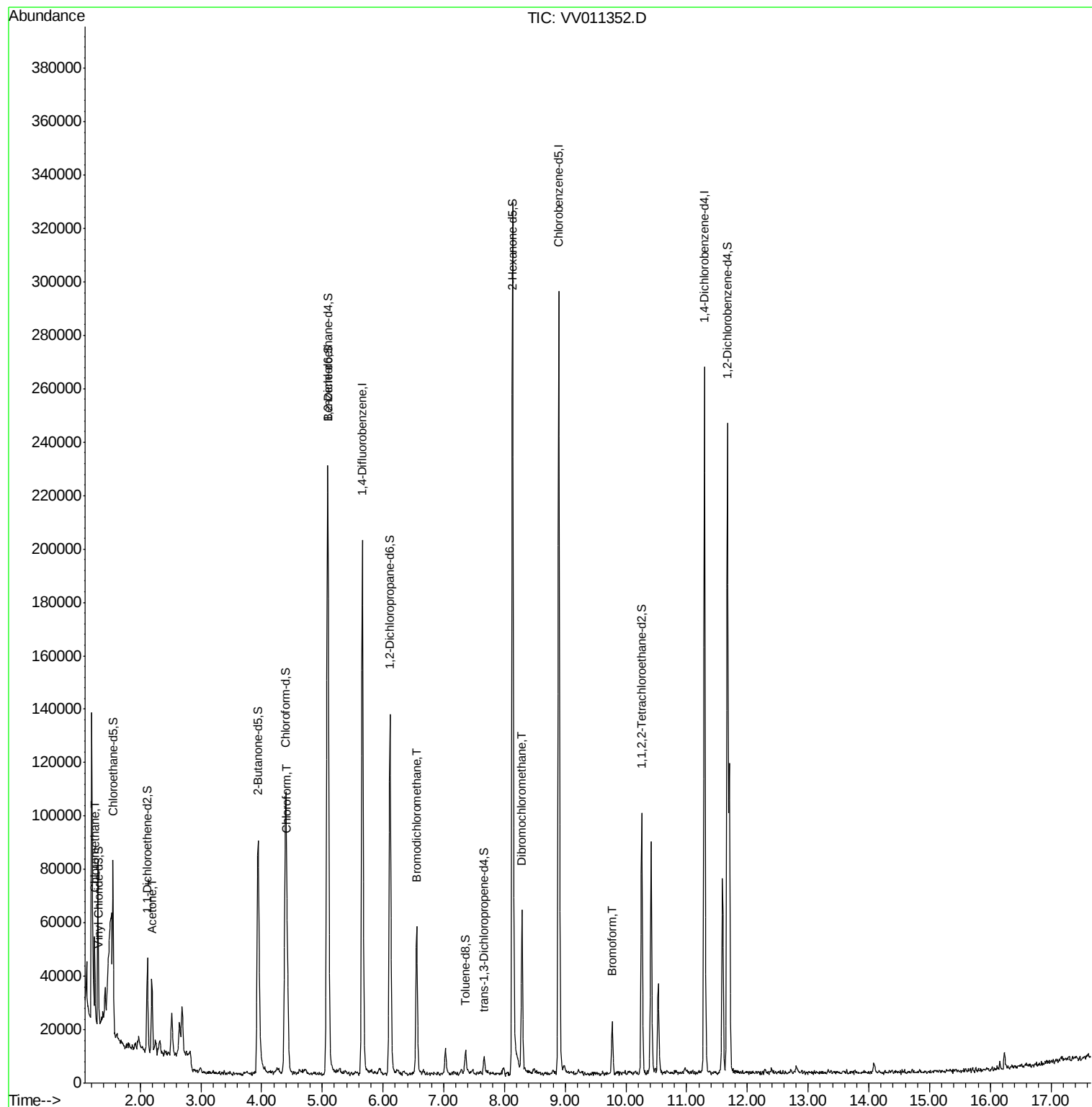
					Ovalue
3) Chloromethane	1.25	50	17700	1.197	ug/L 95
13) Acetone	2.19	43	8818	4.972	ug/L 95
25) Chloroform	4.42	83	30529	1.370	ug/L 99
38) Bromodichloromethane	6.55	83	34002	2.426	ug/L 99
49) Dibromochloromethane	8.29	129	27274	3.309	ug/L 96
61) Bromoform	9.78	173	7933	2.204	ug/L 100

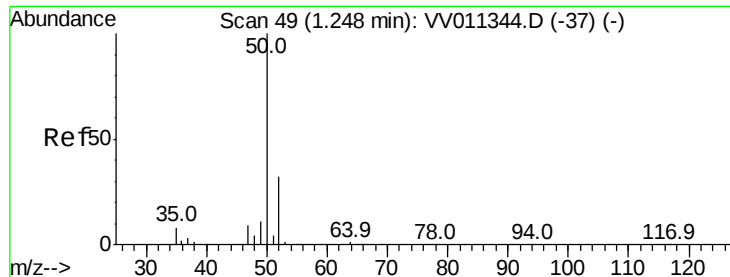
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061019\
Data File : VV011352.D
Acq On : 10 Jun 2019 16:07
Operator : SY/MD
Sample : K3228-03RE
Misc : 25ML/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P02RE

Quant Time: Jun 11 02:21:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.197 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011352.D

Acq: 10 Jun 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

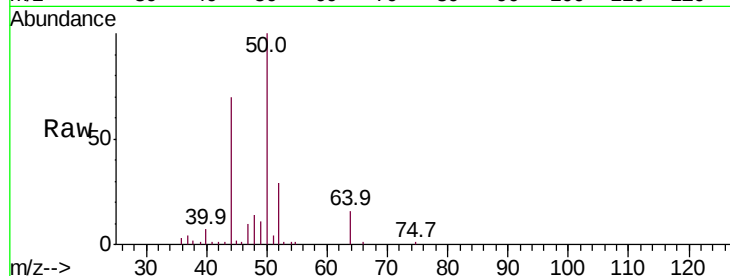
F9P02RE

Tot Ion: 50 Resp: 17700

Ion Ratio Lower Upper

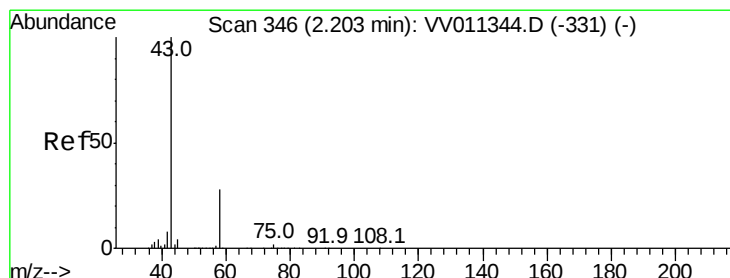
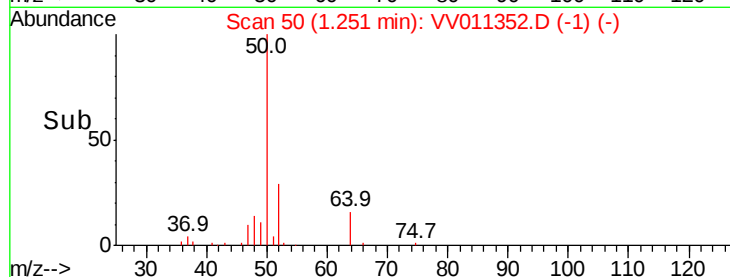
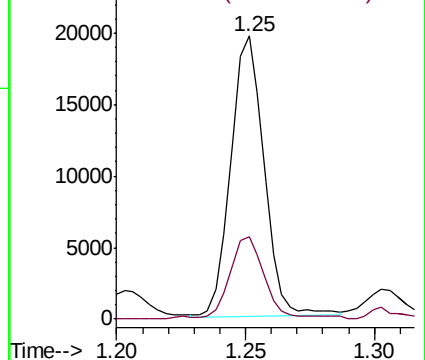
50 100

52 28.9 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 4.972 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV011352.D

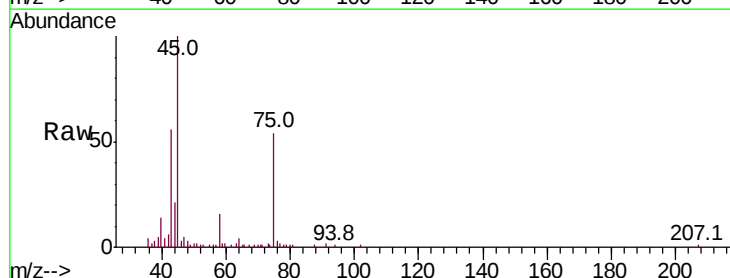
Acq: 10 Jun 2019 16:07

Tgt Ion: 43 Resp: 8818

Ion Ratio Lower Upper

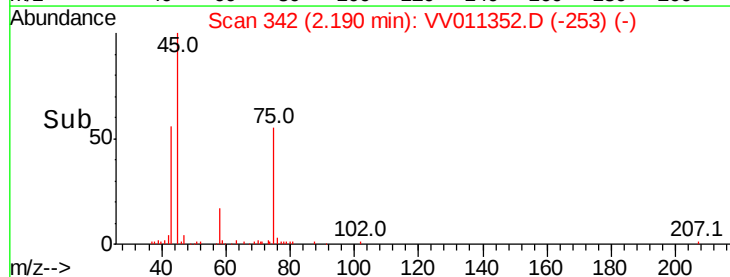
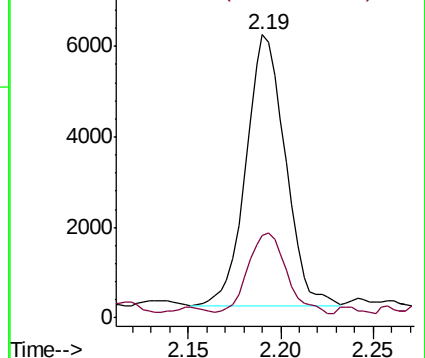
43 100

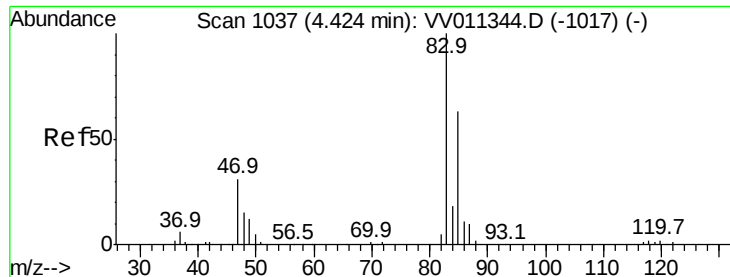
58 30.3 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#25

Chloroform

Concen: 1.370 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011352.D

Acq: 10 Jun 2019 16:07

Instrument :

MSVOA_V

ClientSampled :

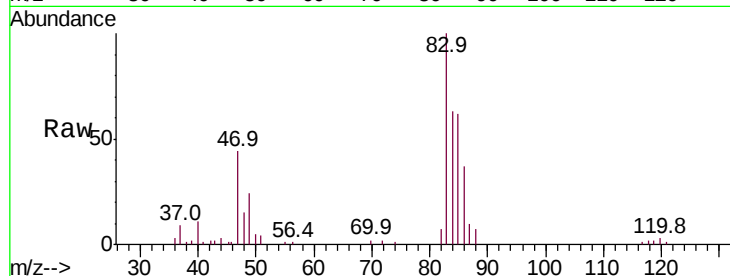
F9P02RE

Tot Ion: 83 Resp: 30529

Ion Ratio Lower Upper

83 100

85 62.1 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

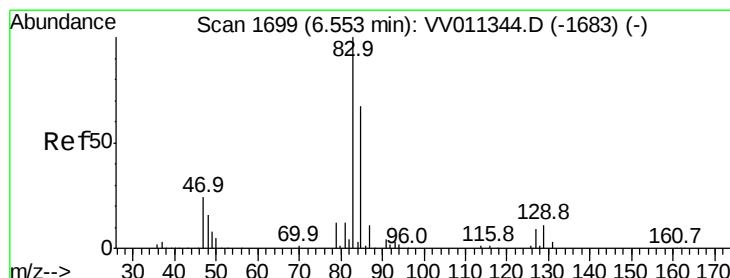
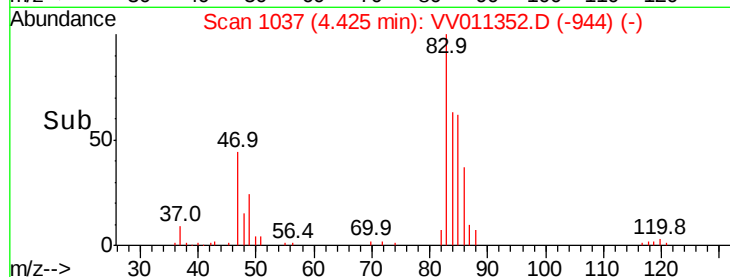
10000

5000

0

Time-->

4.35 4.40 4.45 4.50



#38

Bromodichloromethane

Concen: 2.426 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV011352.D

Acq: 10 Jun 2019 16:07

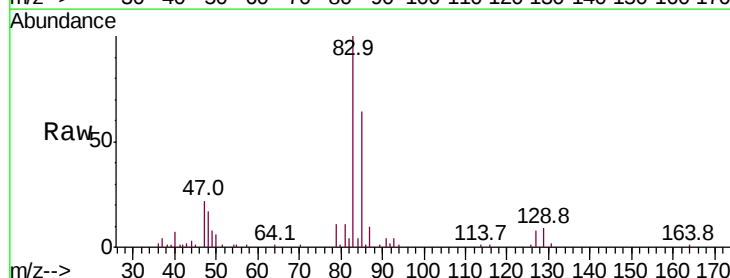
Tgt Ion: 83 Resp: 34002

Ion Ratio Lower Upper

83 100

85 63.9 44.5 82.7

127 8.1 7.0 10.4



Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): V

25000

20000

15000

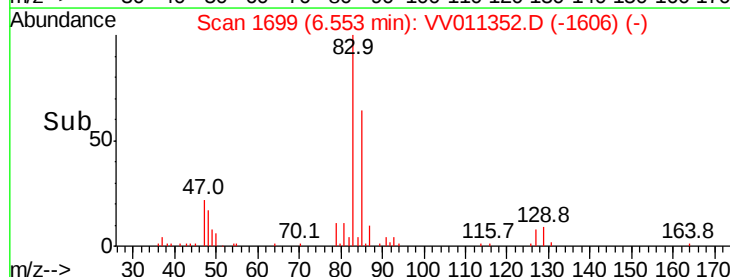
10000

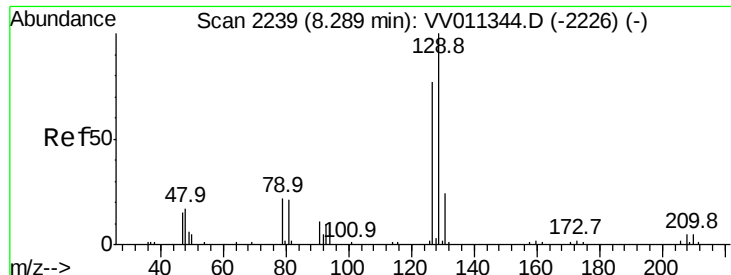
5000

0

Time-->

6.45 6.50 6.55 6.60 6.65





#49

Dibromochloromethane

Concen: 3.309 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV011352.D

Acq: 10 Jun 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

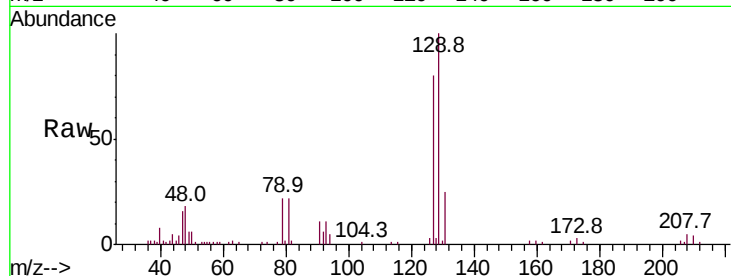
F9P02RE

Tot Ion:129 Resp: 27274

Ion Ratio Lower Upper

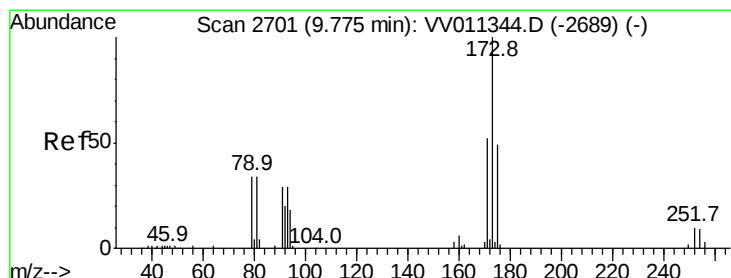
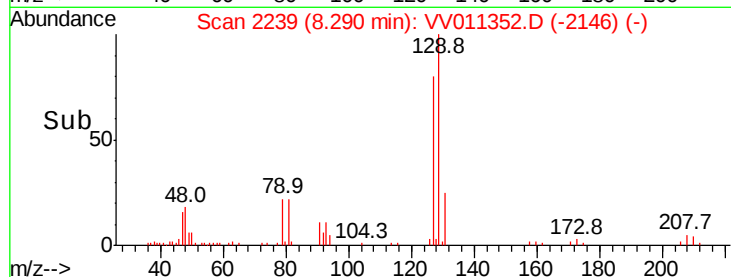
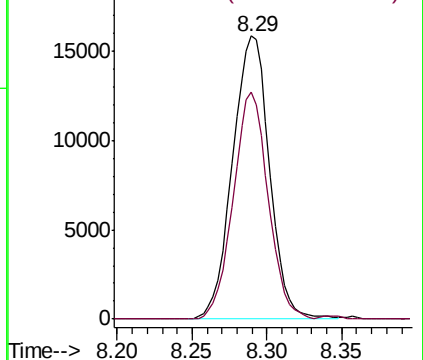
129 100

127 80.3 53.7 99.7



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#61

Bromoform

Concen: 2.204 ug/L

RT: 9.78 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV011352.D

Acq: 10 Jun 2019 16:07

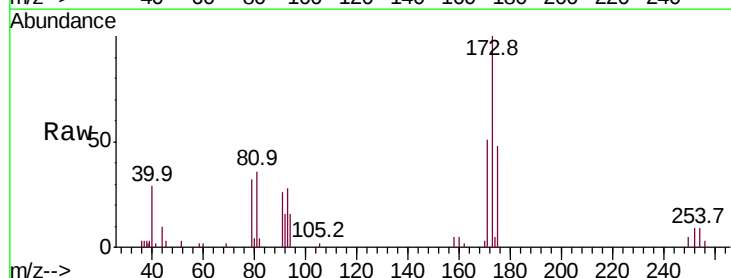
Tgt Ion:173 Resp: 7933

Ion Ratio Lower Upper

173 100

175 46.1 37.0 55.4

254 9.3 6.9 10.3



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

