

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011279.D
 Acq On : 07 Jun 2019 08:13
 Operator : SY/MD
 Sample : K3228-03
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P02

Quant Time: Jun 09 21:29:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 08 00:01:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157138	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0d	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.56	69	42220	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	0.00	63	0d	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	3.94	46	145647	54.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.66%
24) Chloroform-d	4.40	84	95245	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	54503	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.09	84	157392	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.40%#
36) 1,2-Dichloropropane-d6	6.12	67	60986	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	0.00	98	0d	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	0.00	79	0d	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.13	63	114719	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44819	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	60103	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

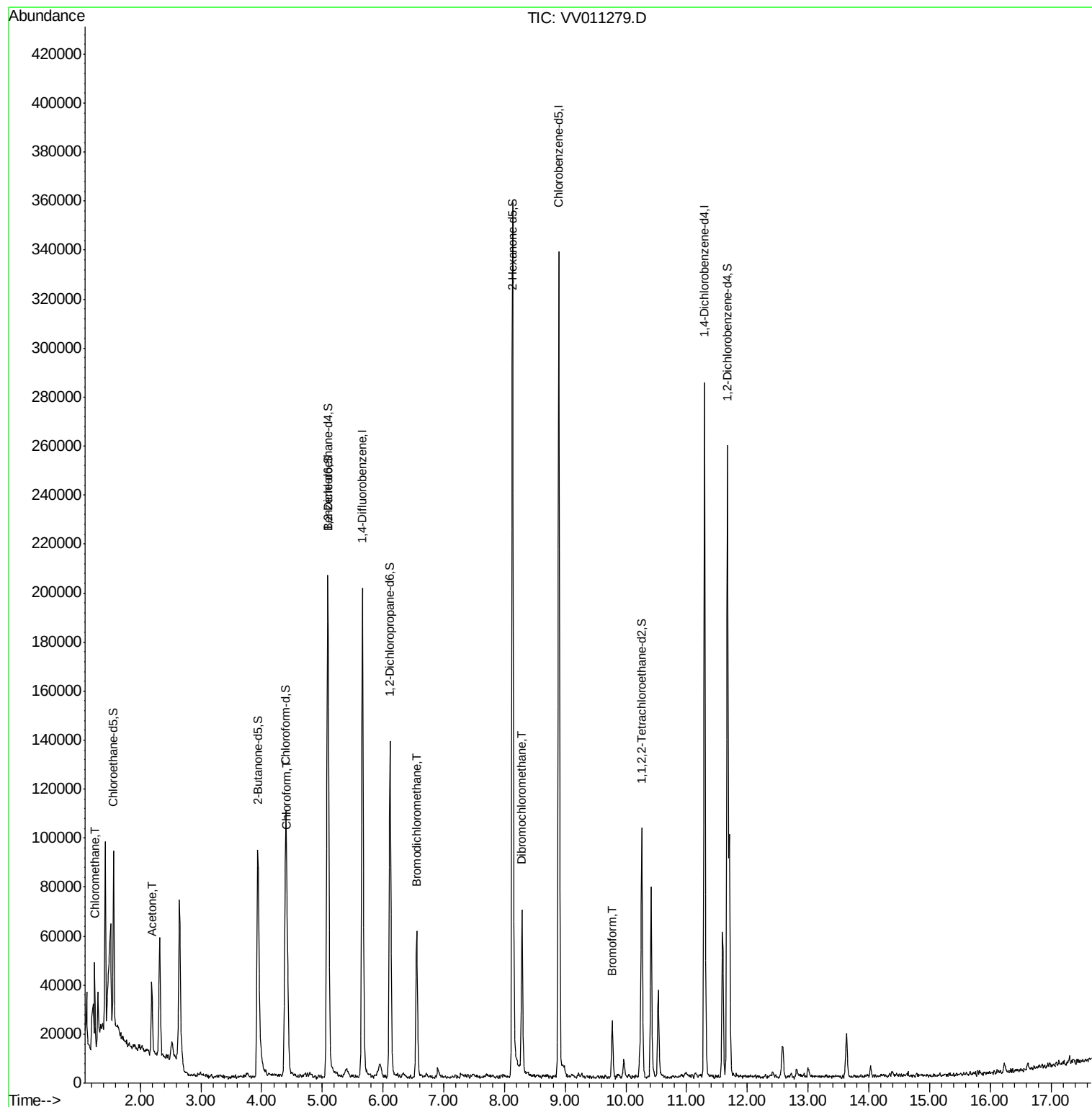
					Ovalue
3) Chloromethane	1.25	50	18128	1.210	ug/L 99
13) Acetone	2.19	43	25804	14.357	ug/L 98
25) Chloroform	4.42	83	33279	1.474	ug/L 97
38) Bromodichloromethane	6.55	83	37115	2.285	ug/L 100
49) Dibromochloromethane	8.29	129	30620	3.205	ug/L 97
61) Bromoform	9.77	173	9024	2.215	ug/L 97

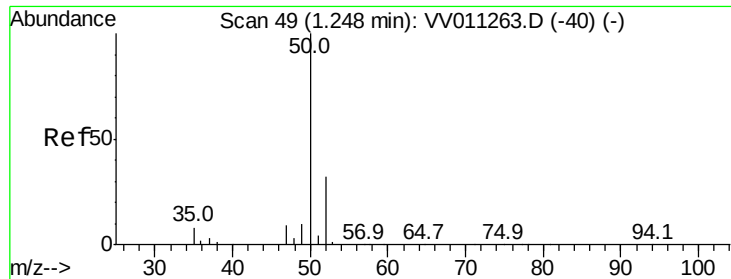
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.210 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011279.D

Acq: 07 Jun 2019 08:13

Instrument :

MSVOA_V

ClientSampled :

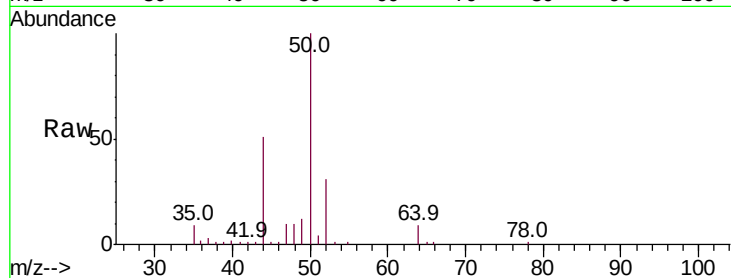
F9P02

Tot Ion: 50 Resp: 18128

Ion Ratio Lower Upper

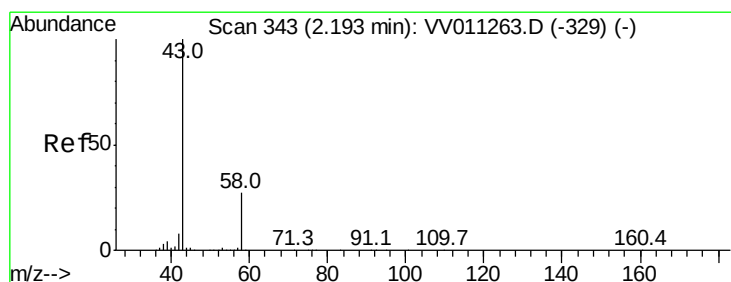
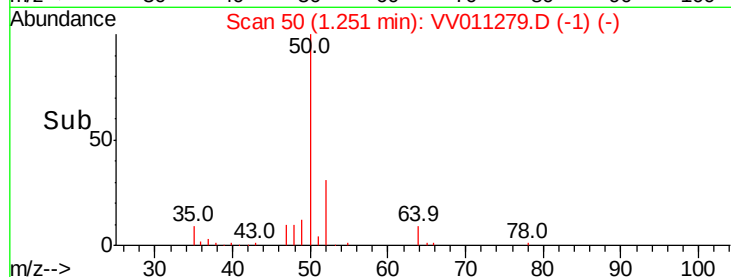
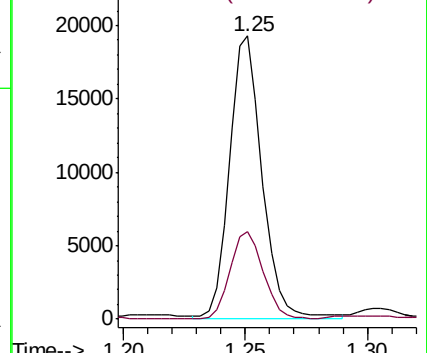
50 100

52 31.1 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: 14.357 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV011279.D

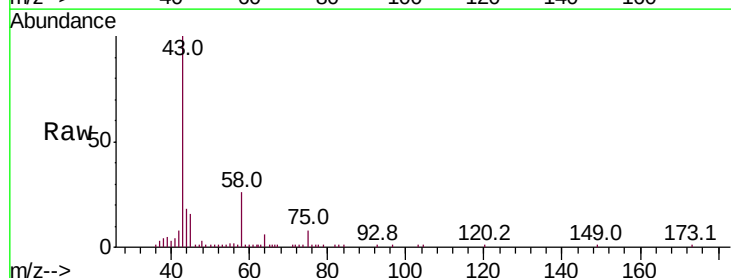
Acq: 07 Jun 2019 08:13

Tgt Ion: 43 Resp: 25804

Ion Ratio Lower Upper

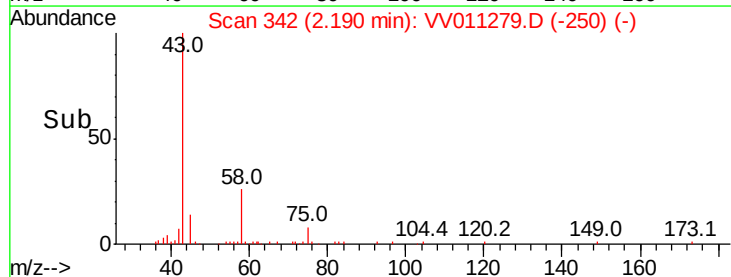
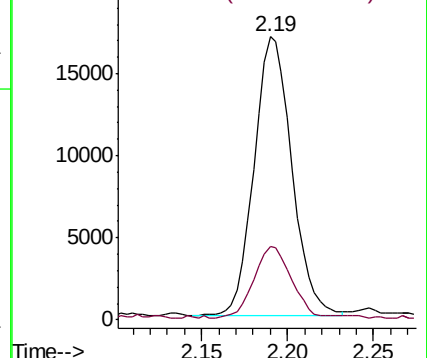
43 100

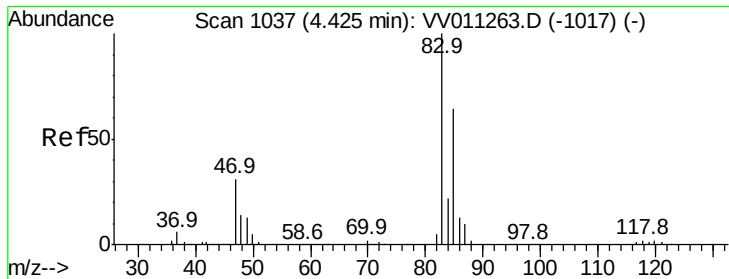
58 26.7 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

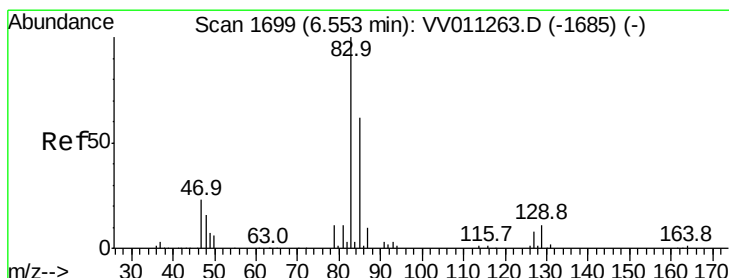
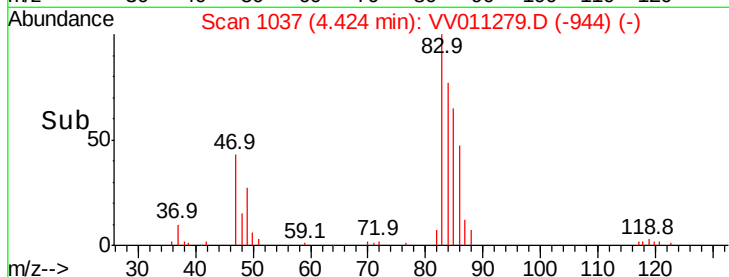
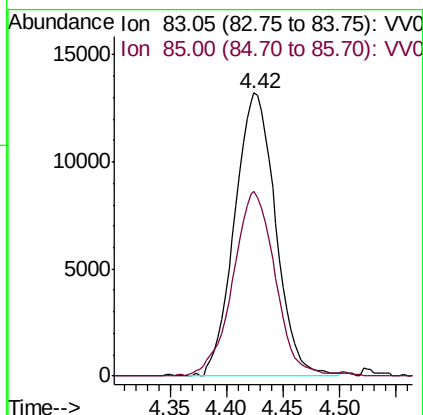
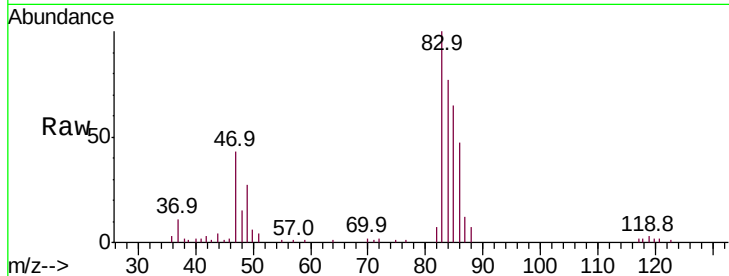




#25
Chloroform
Concen: 1.474 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011279.D
Acq: 07 Jun 2019 08:13

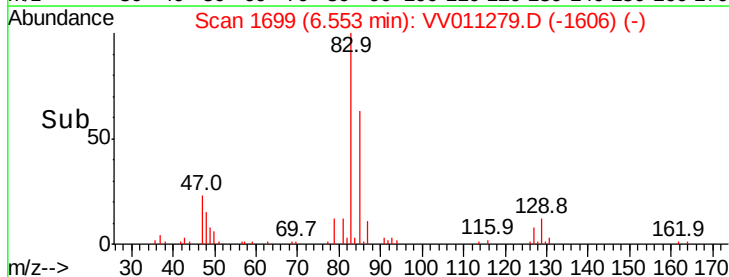
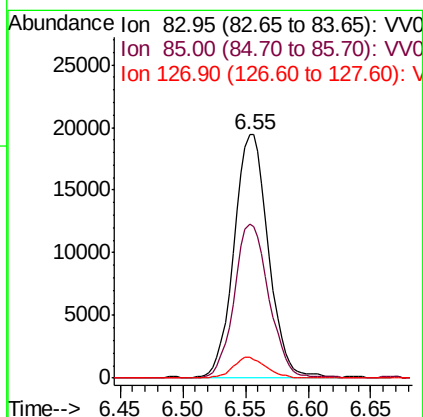
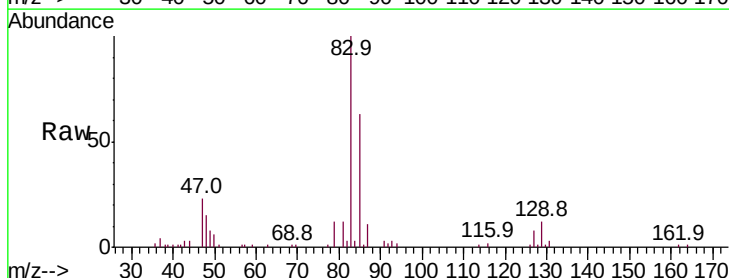
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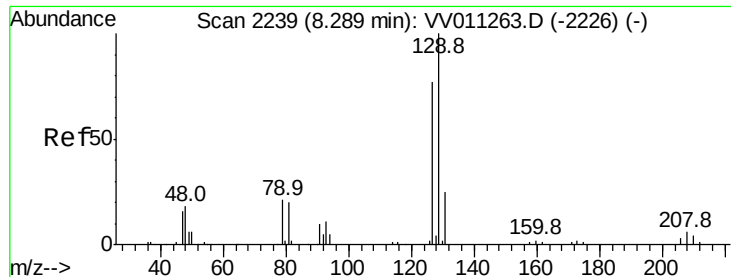
Tot Ion: 83 Resp: 33279
Ion Ratio Lower Upper
83 100
85 65.2 44.1 81.9



#38
Bromodichloromethane
Concen: 2.285 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VV011279.D
Acq: 07 Jun 2019 08:13

Tgt Ion: 83 Resp: 37115
Ion Ratio Lower Upper
83 100
85 63.4 44.5 82.7
127 8.4 7.0 10.4





#49

Dibromochloromethane

Concen: 3.205 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VV011279.D

Acq: 07 Jun 2019 08:13

Instrument :

MSVOA_V

ClientSampled :

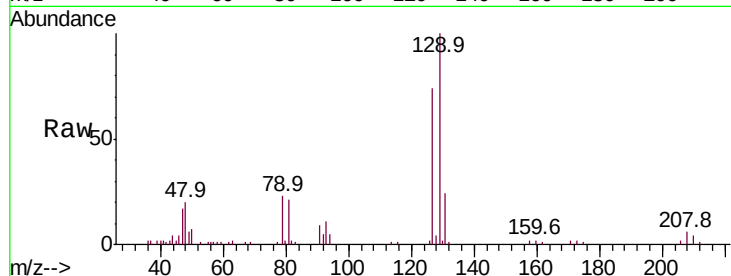
F9P02

Tot Ion:129 Resp: 30620

Ion Ratio Lower Upper

129 100

127 74.4 53.7 99.7



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.29

20000

15000

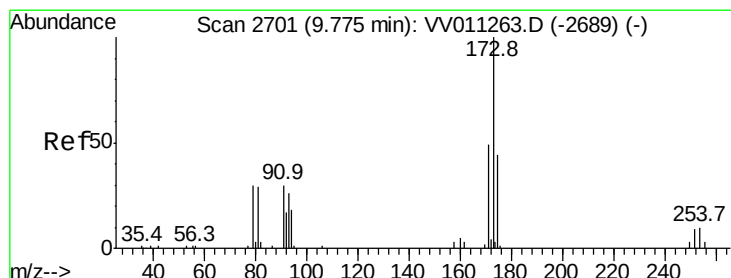
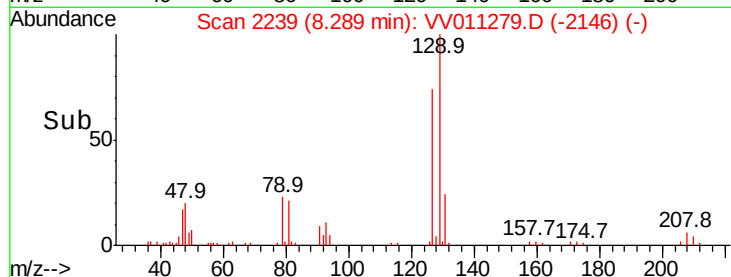
10000

5000

0

8.25 8.30 8.35

Time-->



#61

Bromoform

Concen: 2.215 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV011279.D

Acq: 07 Jun 2019 08:13

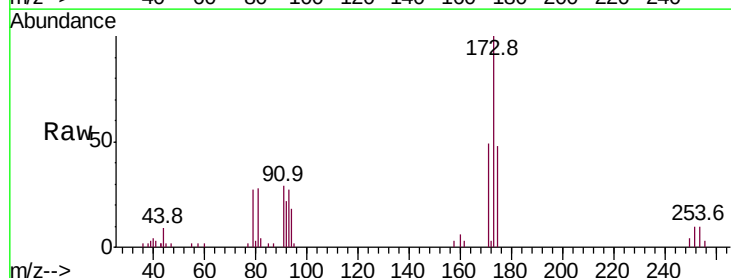
Tgt Ion:173 Resp: 9024

Ion Ratio Lower Upper

173 100

175 48.8 37.0 55.4

254 8.7 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

8000

6000

4000

2000

0

9.70 9.75 9.80

Time-->

