

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035063.D
 Acq On : 10 Oct 2019 21:26
 Operator : JC/SP
 Sample : K5309-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191004-01

Quant Time: Oct 11 05:43:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	161402	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	68680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35707	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.67	69	37361	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.26	63	55857	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.19	46	162921	57.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.98%
24) Chloroform-d	4.62	84	81389	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.29	65	52537	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.32	84	164368	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.31	67	61971	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.55	98	143853	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.84	79	18193	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.30	63	114163	52.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57366	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	59372	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

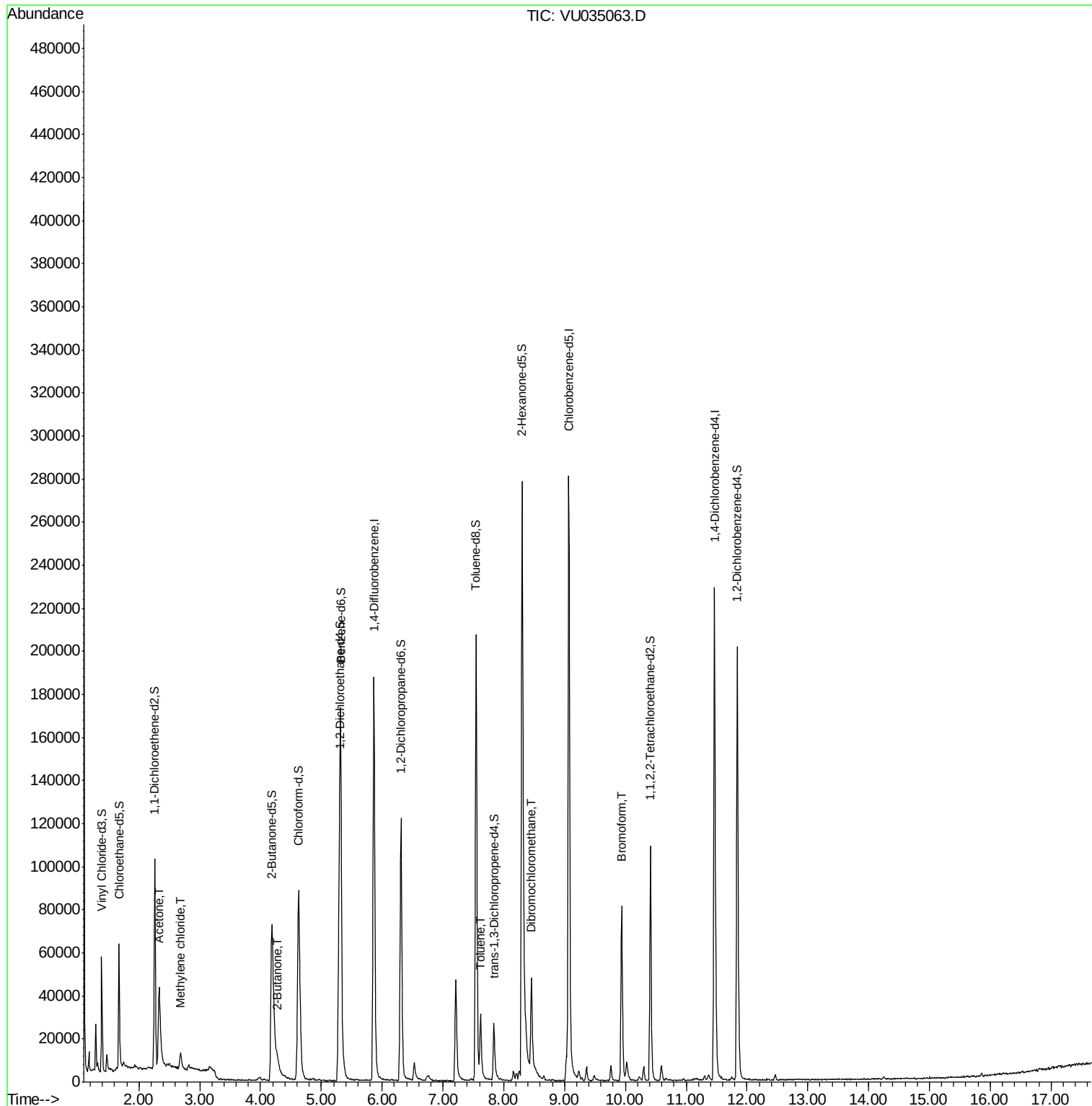
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.33	43	68396	29.723	ug/L	95
16) Methylene chloride	2.69	84	2972	0.232	ug/L	81
21) 2-Butanone	4.28	43	7244	2.211	ug/L	95
42) Toluene	7.62	91	22988	0.447	ug/L	94
49) Dibromochloromethane	8.46	129	8969	0.880	ug/L	94
61) Bromoform	9.94	173	38324	8.136	ug/L	97

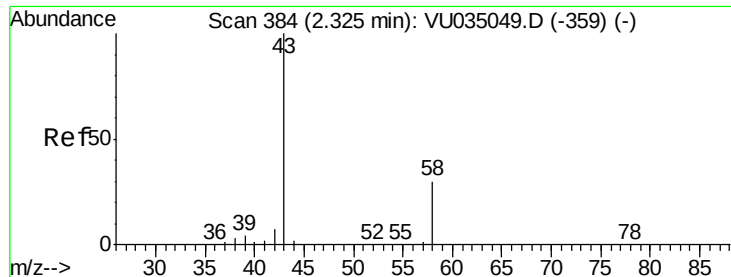
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.723 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

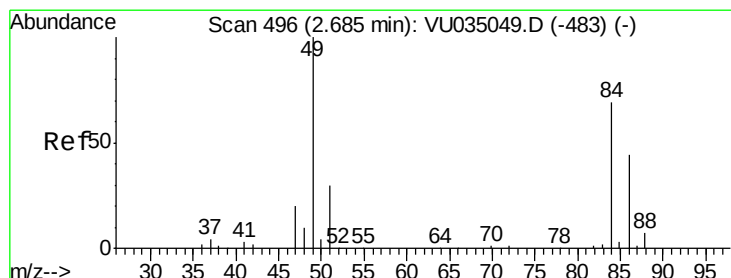
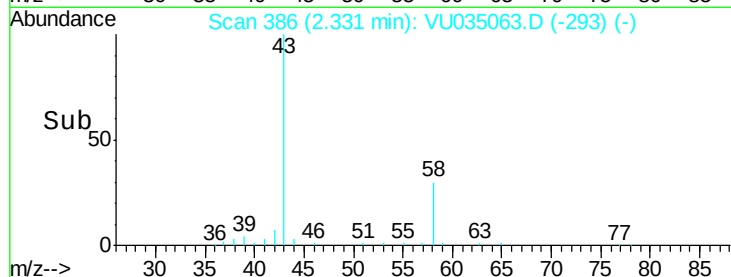
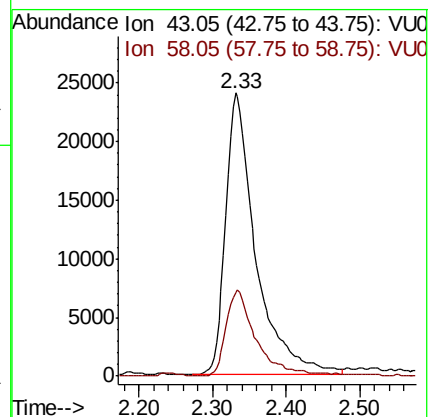
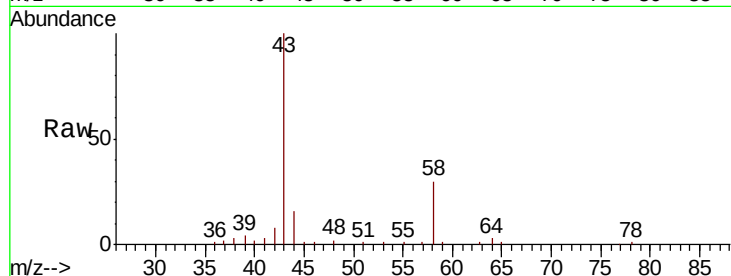
RB-2-191004-01

Tot Ion: 43 Resp: 68396

Ion Ratio Lower Upper

43 100

58 30.2 0.0 66.6



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU035063.D

Acq: 10 Oct 2019 21:26

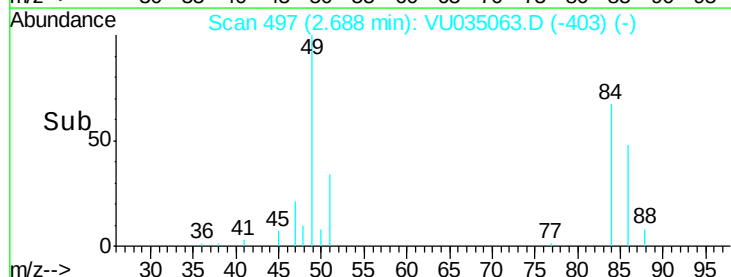
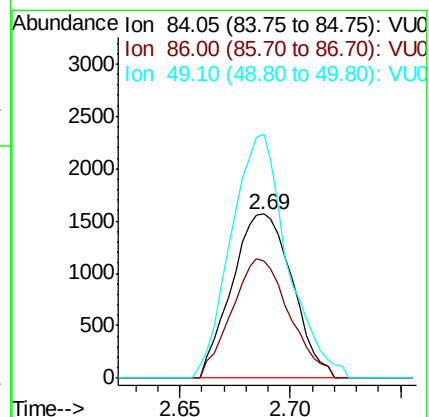
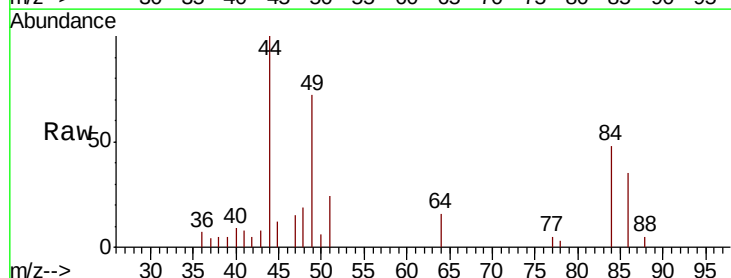
Tgt Ion: 84 Resp: 2972

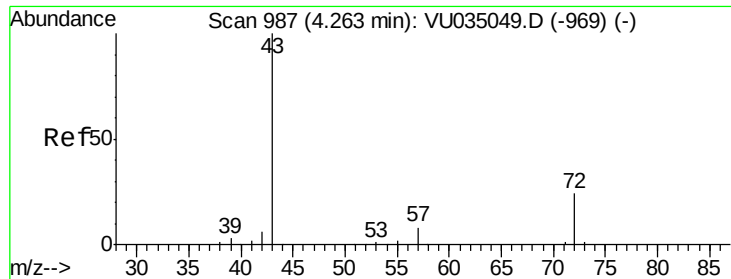
Ion Ratio Lower Upper

84 100

86 71.8 42.5 78.9

49 148.8 86.9 161.3





#21

2-Butanone

Concen: 2.211 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.02 min

Lab File: VU035063.D

Acq: 10 Oct 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

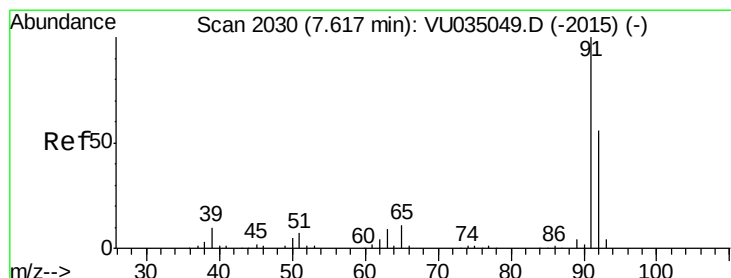
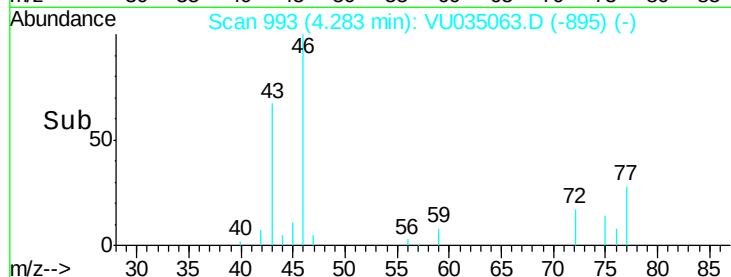
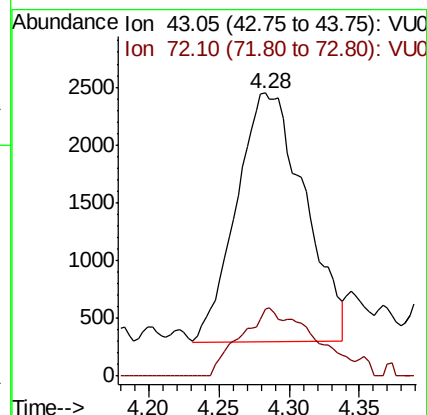
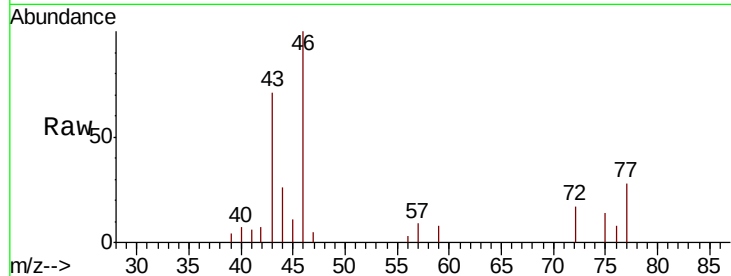
RB-2-191004-01

Tot Ion: 43 Resp: 7244

Ion Ratio Lower Upper

43 100

72 29.4 13.5 40.4



#42

Toluene

Concen: 0.447 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035063.D

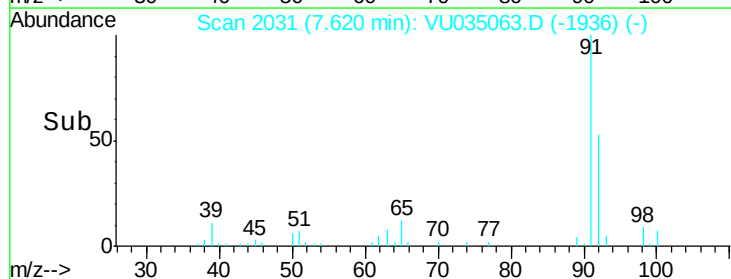
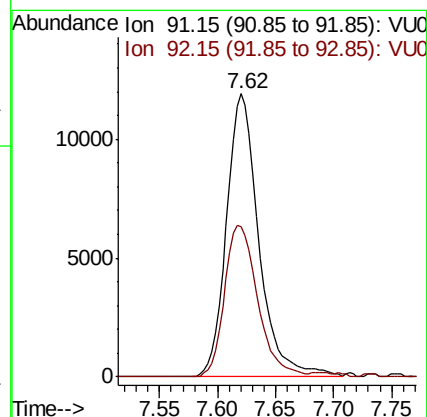
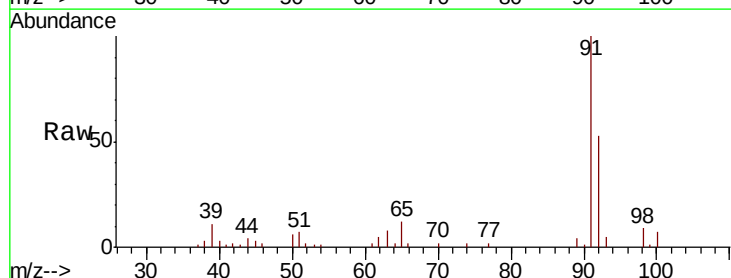
Acq: 10 Oct 2019 21:26

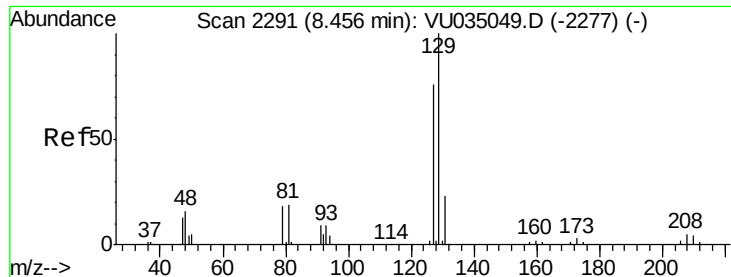
Tgt Ion: 91 Resp: 22988

Ion Ratio Lower Upper

91 100

92 53.0 40.0 74.2





#49

Dibromochloromethane

Concen: 0.880 ug/L

RT: 8.46 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU035063.D

Acq: 10 Oct 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

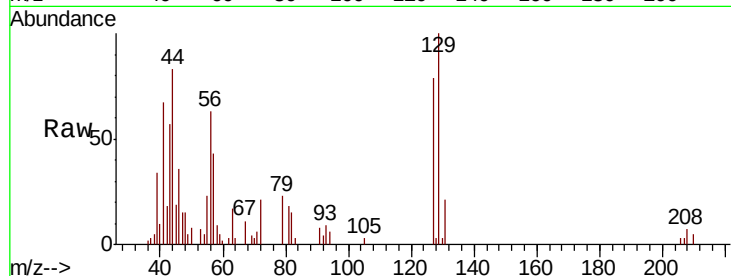
RB-2-191004-01

Tot Ion:129 Resp: 8969

Ion Ratio Lower Upper

129 100

127 79.2 51.9 96.5

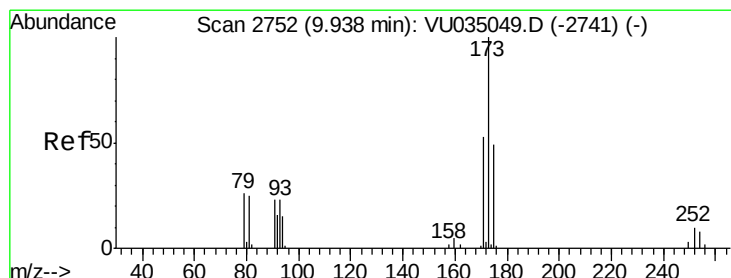
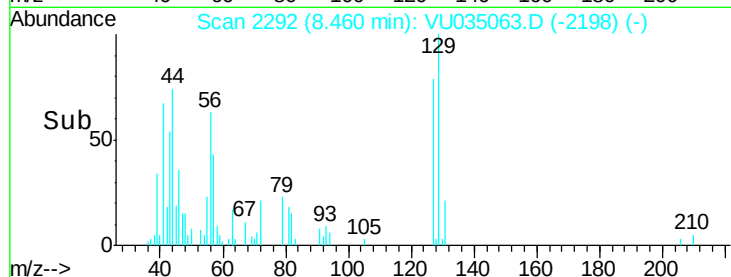


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.46

Time-->



#61

Bromoform

Concen: 8.136 ug/L

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU035063.D

Acq: 10 Oct 2019 21:26

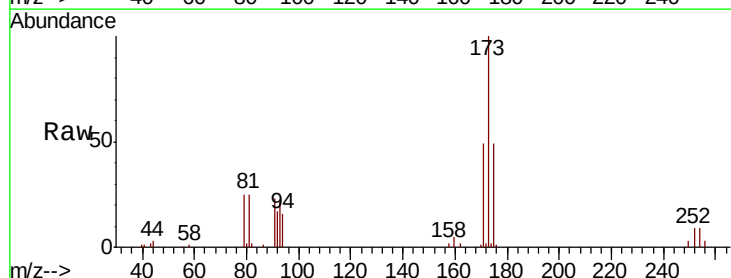
Tgt Ion:173 Resp: 38324

Ion Ratio Lower Upper

173 100

175 48.7 37.2 55.8

254 8.8 6.6 9.8



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

9.94

Time-->

