

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 04:45:36 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

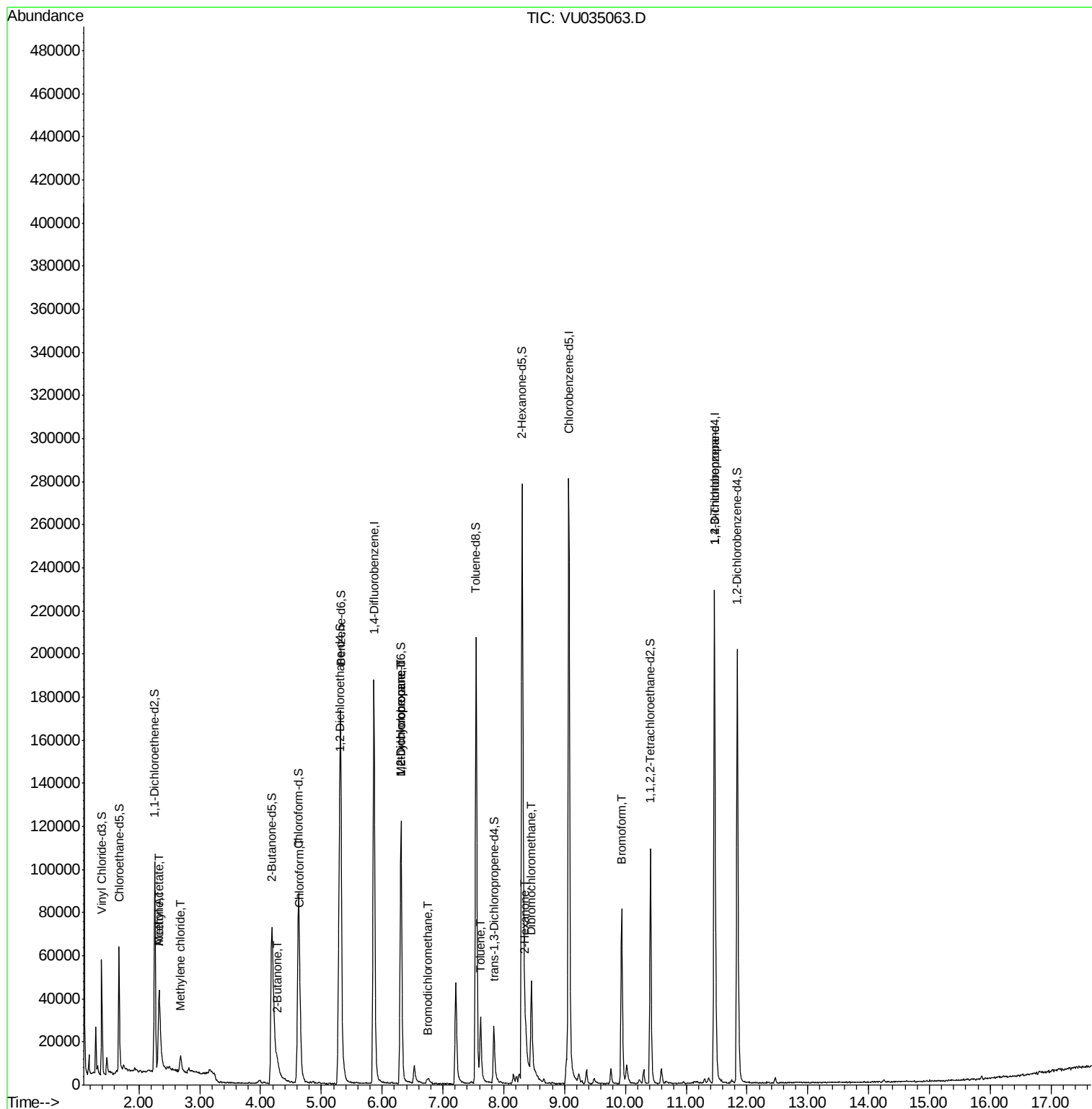
					Qvalue
13) Acetone	2.33	43	68396	29.723 ug/L	95
15) Methyl Acetate	2.33	43	56173	9.170 ug/L #	53
16) Methylene chloride	2.69	84	2972	0.232 ug/L	81
21) 2-Butanone	4.28	43	7244	2.211 ug/L	95
25) Chloroform	4.65	83	12210	0.493 ug/L	90
35) Methylcyclohexane	6.31	83	13350	0.649 ug/L #	21
37) 1,2-Dichloropropane	6.31	63	6995	0.527 ug/L #	88
38) Bromodichloromethane	6.74	83	1639	0.105 ug/L #	88
42) Toluene	7.62	91	22988	0.447 ug/L	94
48) 2-Hexanone	8.36	43	6390	1.115 ug/L #	65
49) Dibromochloromethane	8.46	129	8969	0.880 ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	8971	1.044 ug/L	89
61) Bromoform	9.94	173	38324	8.136 ug/L	97

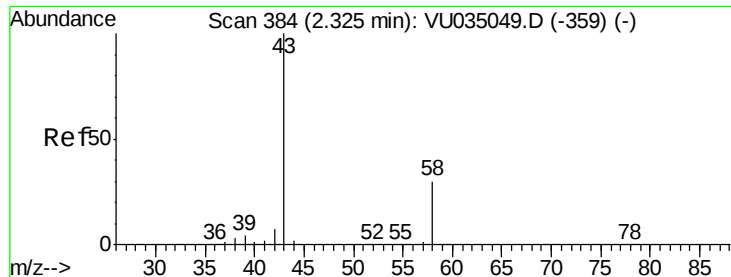
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.723 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU035063.D

Acq: 10 Oct 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

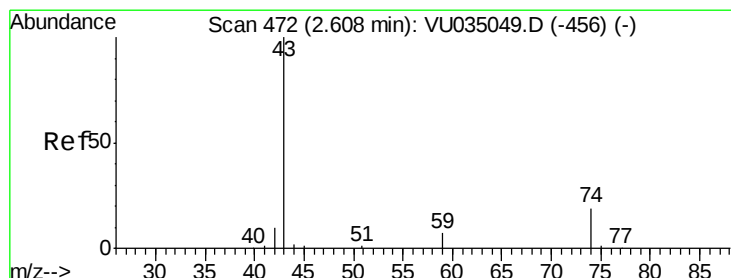
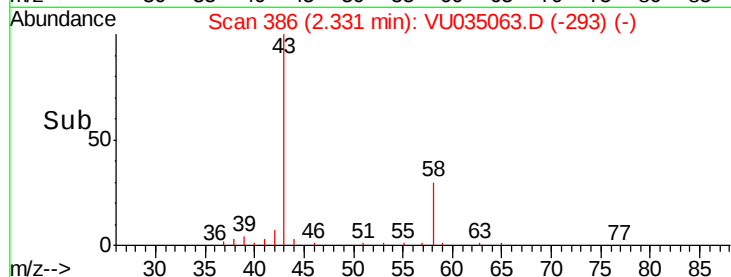
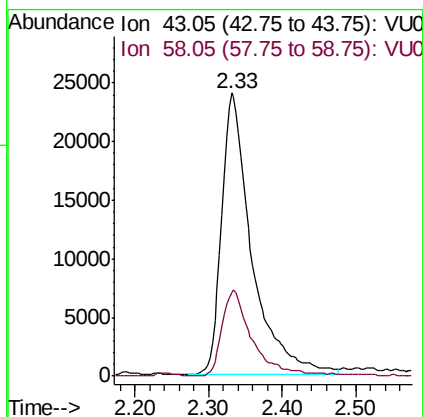
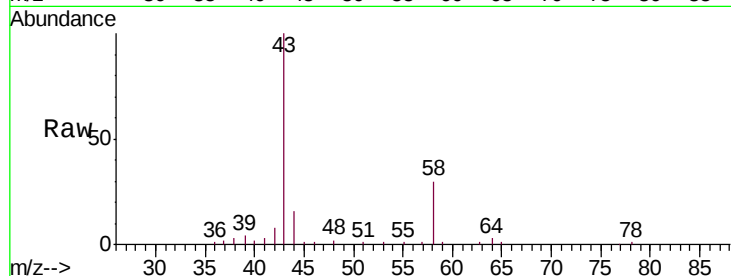
RB-2-191004-01

Tgt Ion: 43 Resp: 68396

Ion Ratio Lower Upper

43 100

58 30.2 0.0 66.6



#15

Methyl Acetate

Concen: 9.170 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.28 min

Lab File: VU035063.D

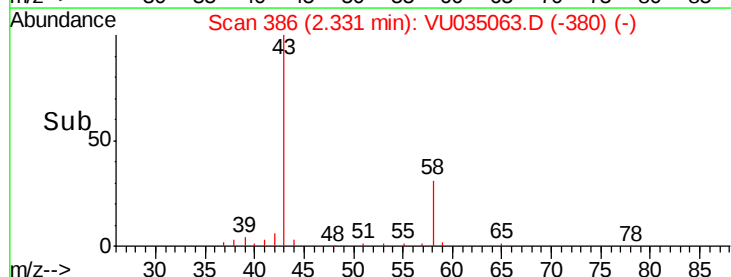
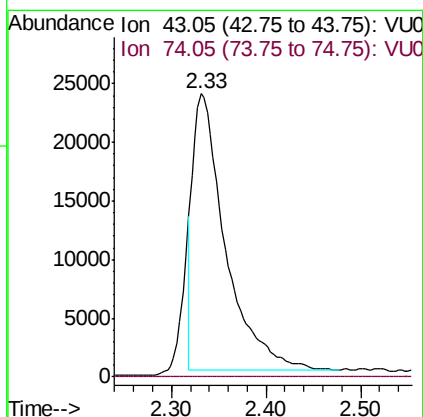
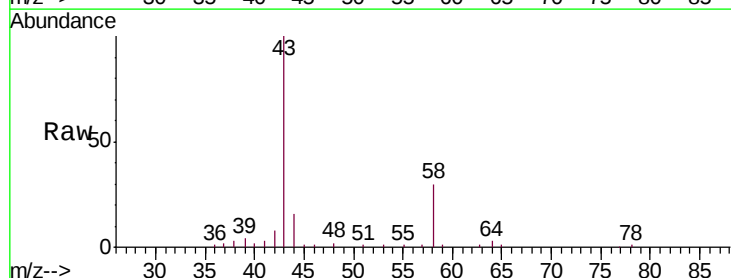
Acq: 10 Oct 2019 21:26

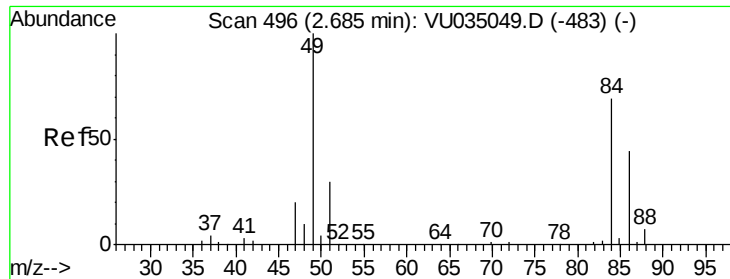
Tgt Ion: 43 Resp: 56173

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

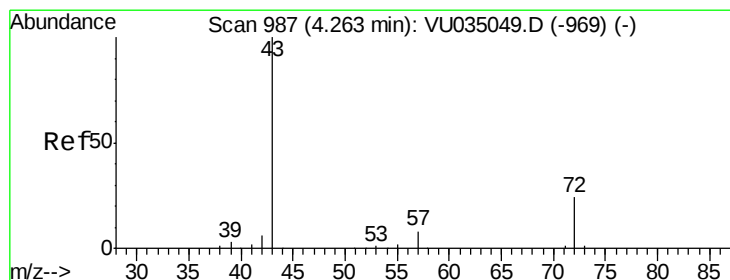
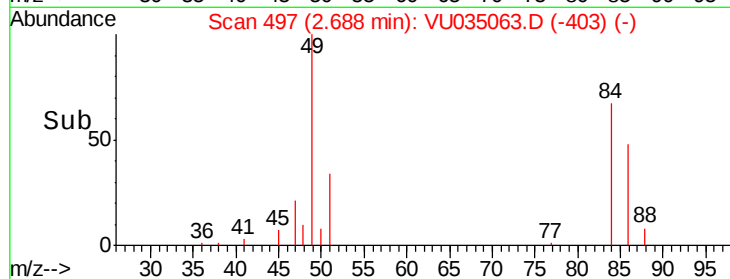
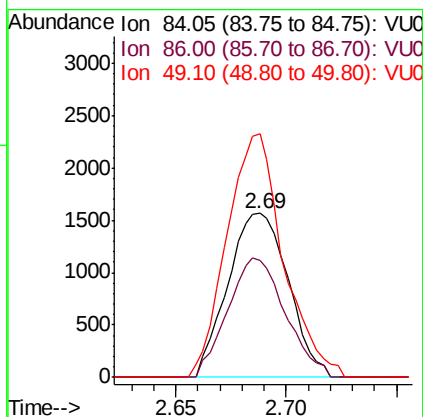
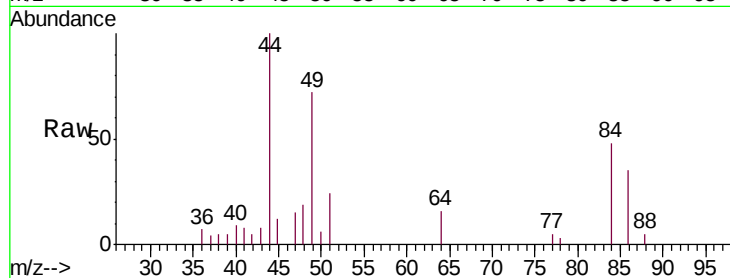




#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035063.D
Acq: 10 Oct 2019 21:26

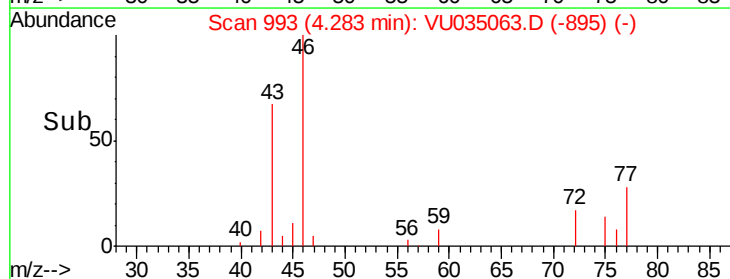
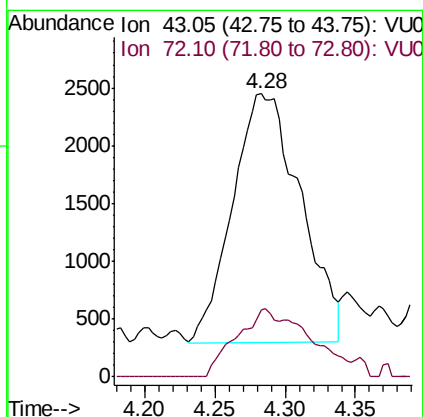
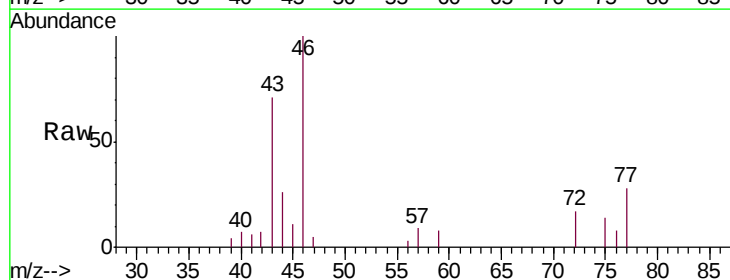
Instrument :
MSVOA_U
ClientSampleId :
RB-2-191004-01

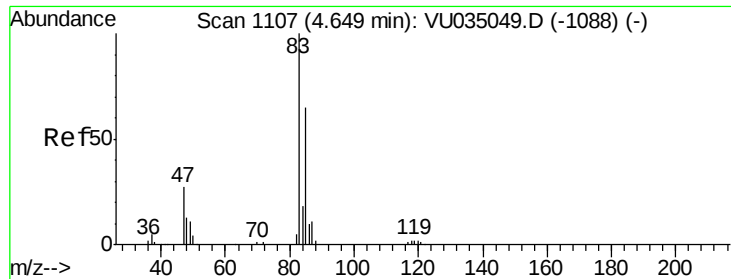
Tgt Ion: 84 Resp: 2972
Ion Ratio Lower Upper
84 100
86 71.8 42.5 78.9
49 148.8 86.9 161.3



#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

Tgt Ion: 43 Resp: 7244
Ion Ratio Lower Upper
43 100
72 29.4 13.5 40.4

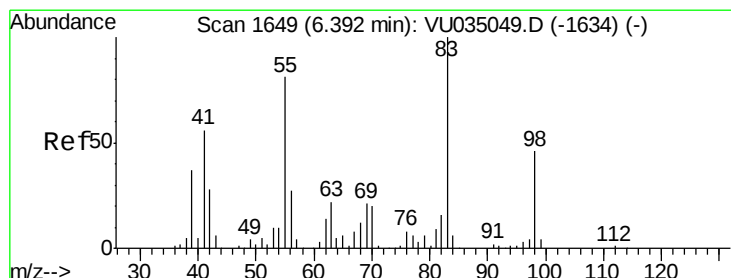
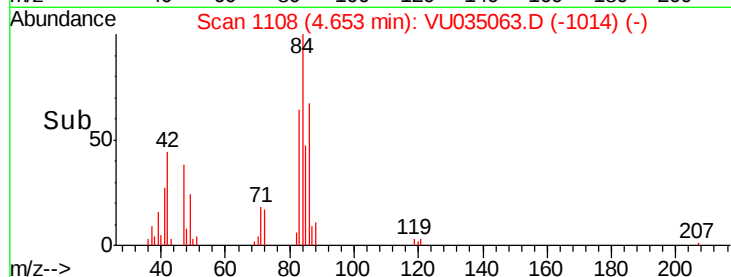
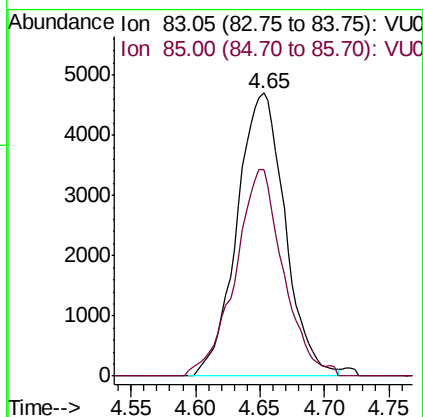
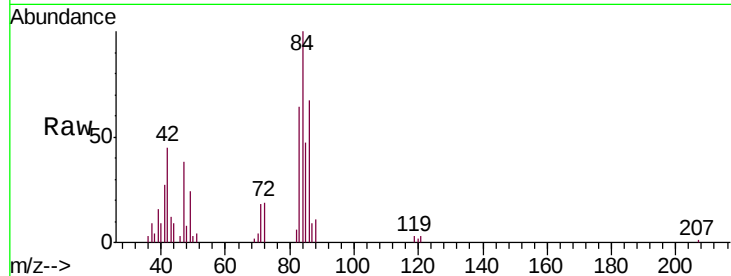




#25
Chloroform
Concen: 0.493 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035063.D
Acq: 10 Oct 2019 21:26

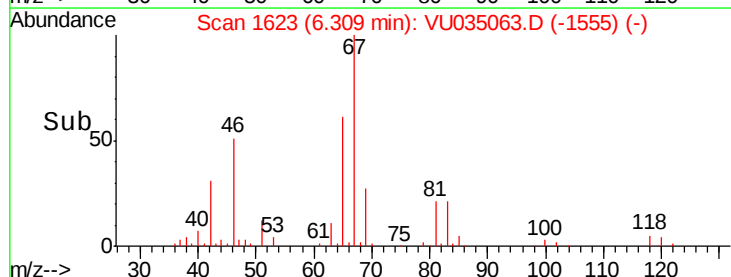
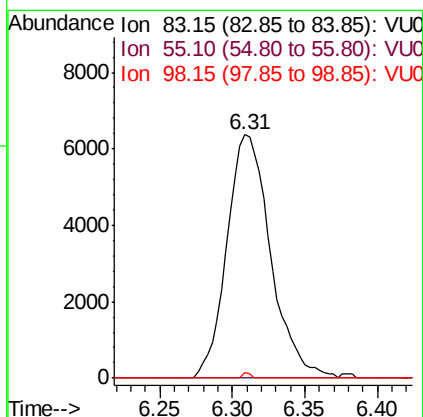
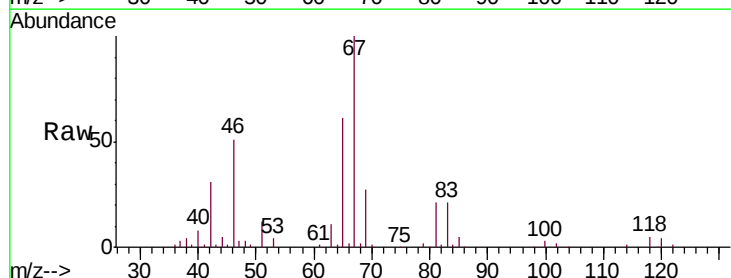
Instrument :
MSVOA_U
ClientSampleId :
RB-2-191004-01

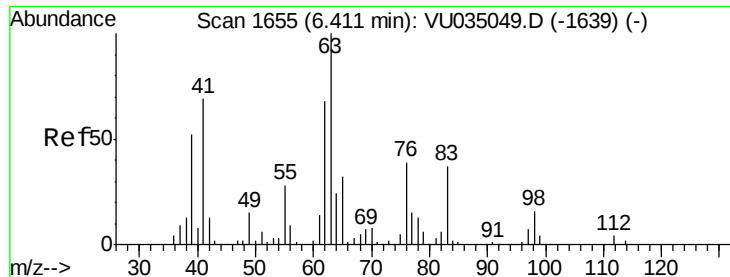
Tgt Ion: 83 Resp: 12210
Ion Ratio Lower Upper
83 100
85 72.8 45.4 84.4



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035063.D
Acq: 10 Oct 2019 21:26

Tgt Ion: 83 Resp: 13350
Ion Ratio Lower Upper
83 100
55 4.7 62.6 94.0#
98 0.4 36.2 54.2#

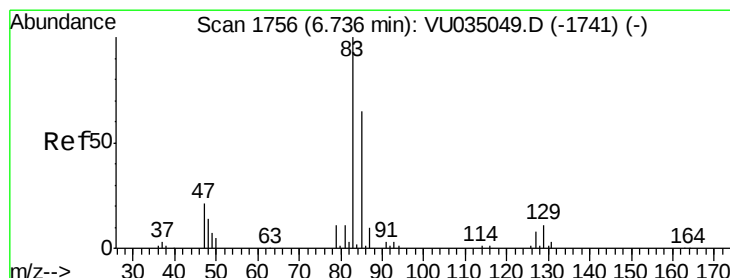
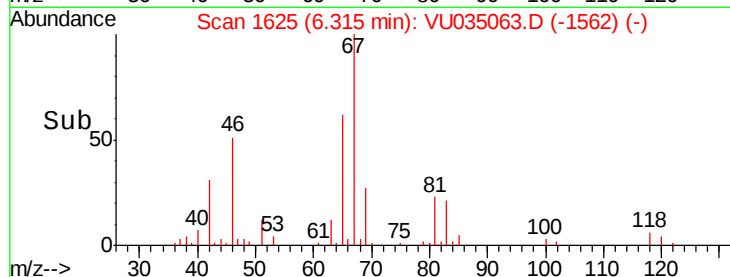
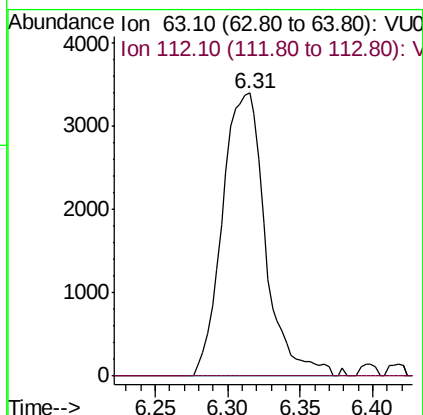
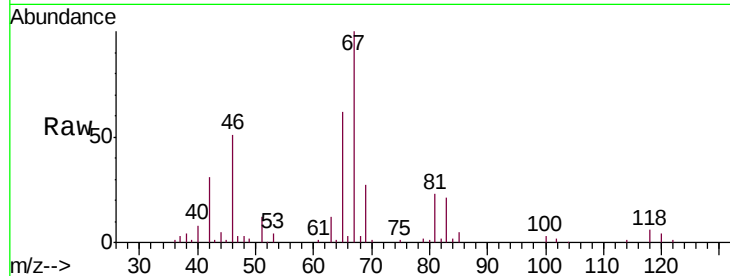




#37
 1,2-Dichloropropane
 Concen: 0.527 ug/L
 RT: 6.31 min Scan# 1625
 Delta R.T. -0.10 min
 Lab File: VU035063.D
 Acq: 10 Oct 2019 21:26

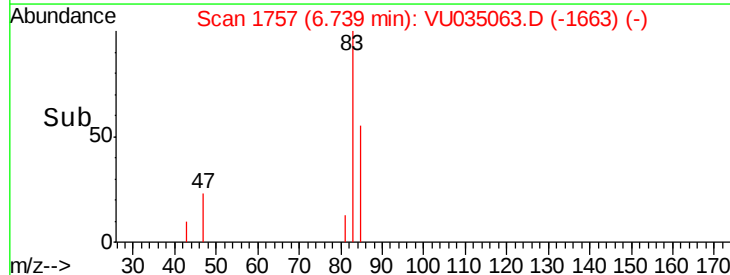
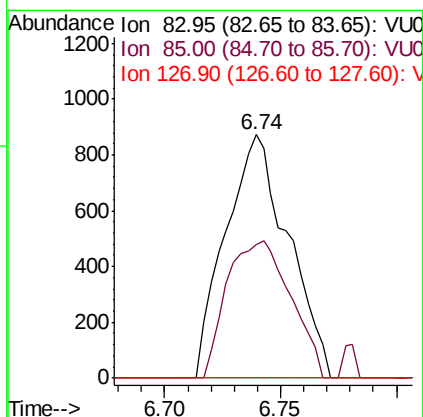
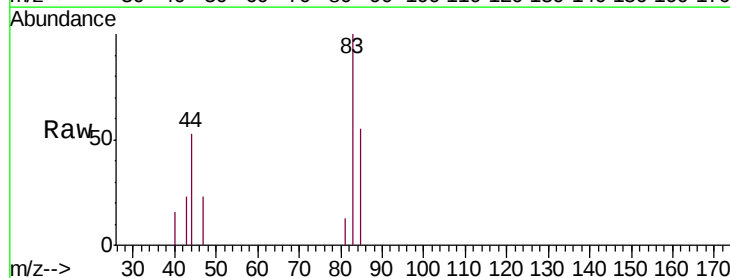
Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191004-01

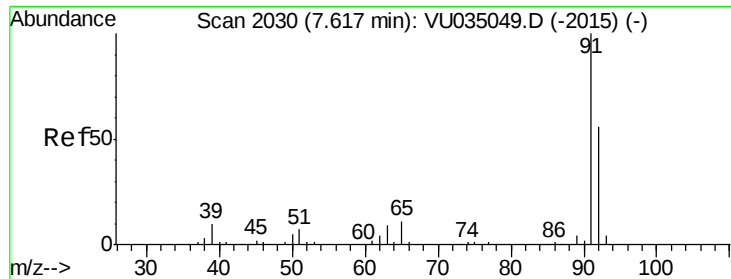
Tgt Ion: 63 Resp: 6995
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#38
 Bromodichloromethane
 Concen: 0.105 ug/L
 RT: 6.74 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VU035063.D
 Acq: 10 Oct 2019 21:26

Tgt Ion: 83 Resp: 1639
 Ion Ratio Lower Upper
 83 100
 85 54.6 44.0 81.8
 127 0.0 7.0 10.4#





#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

Instrument :

MSVOA_U

ClientSampleId :

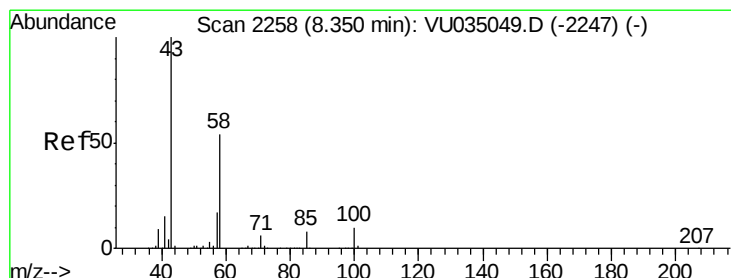
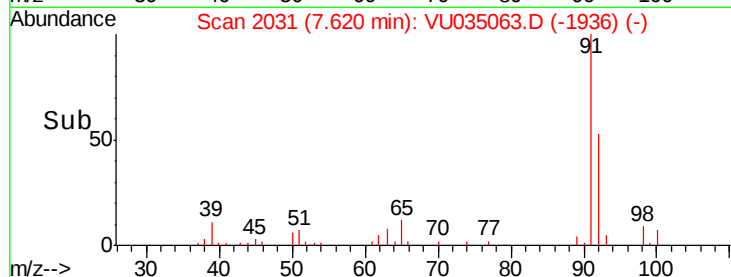
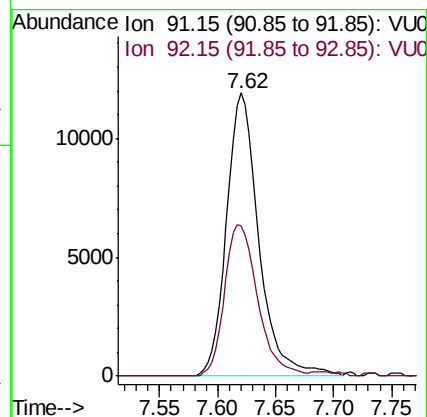
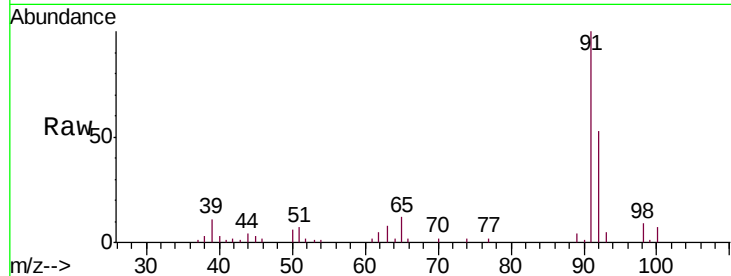
RB-2-191004-01

Tgt Ion: 91 Resp: 22988

Ion Ratio Lower Upper

91 100

92 53.0 40.0 74.2



#48

2-Hexanone

Concen: 1.115 ug/L

RT: 8.36 min Scan# 2260

Delta R.T. 0.01 min

Lab File: VU035063.D

Acq: 10 Oct 2019 21:26

Tgt Ion: 43 Resp: 6390

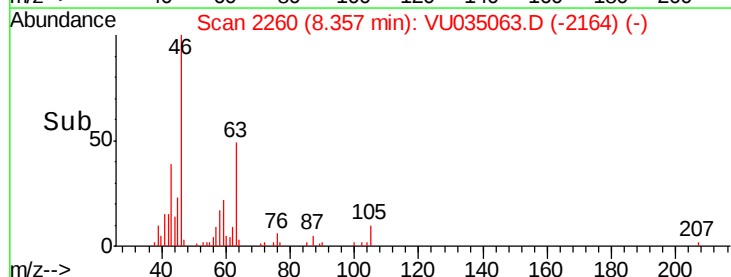
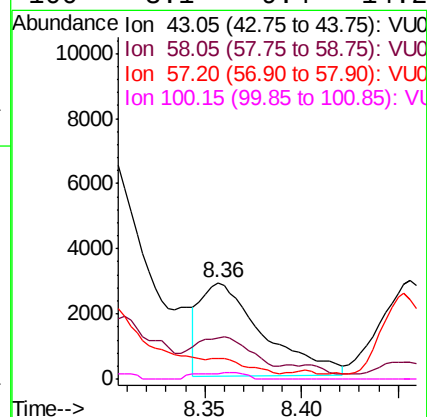
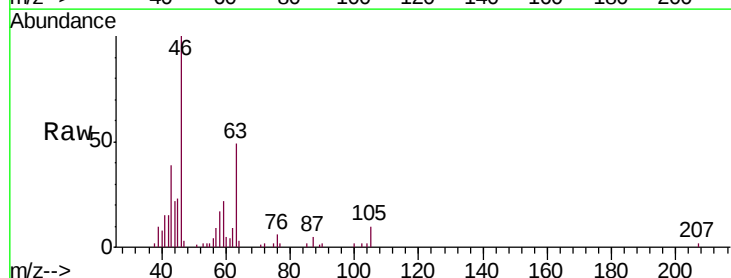
Ion Ratio Lower Upper

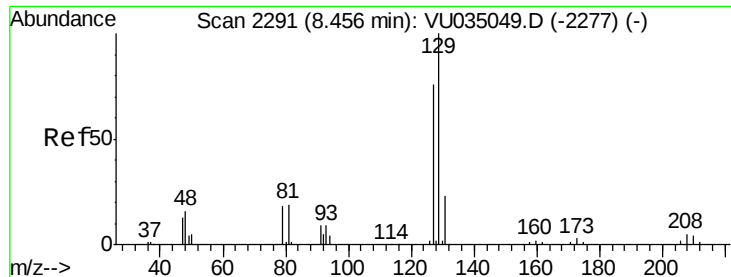
43 100

58 30.0 44.1 66.1#

57 0.0 15.8 23.8#

100 3.1 9.4 14.2#





#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 :

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ClientSampleId :

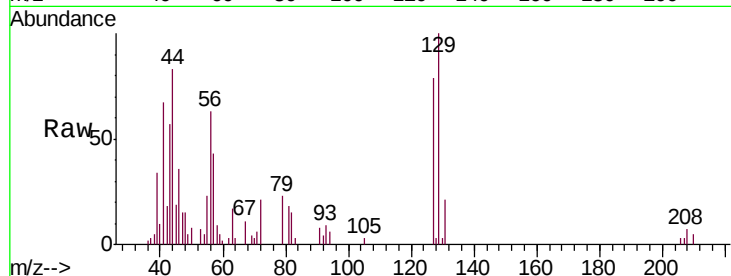
RB-2-191004-01

Tgt Ion:129 Resp: 8969

Ion Ratio Lower Upper

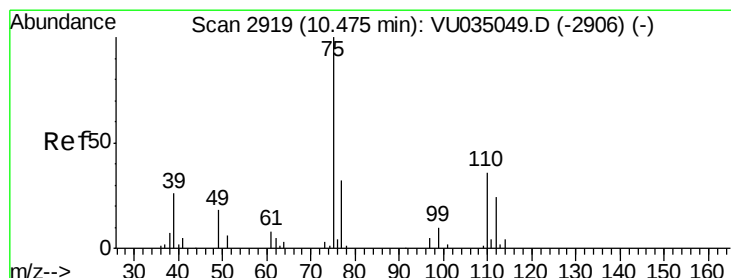
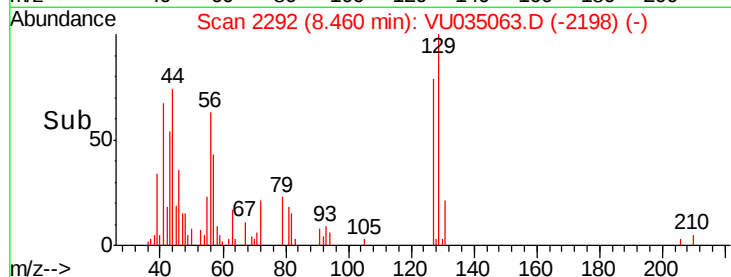
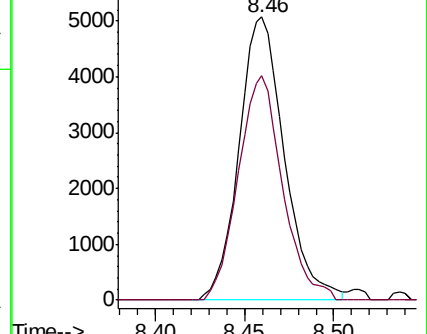
129 100

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



#59

1,2,3-Trichloropropane

Concen: 1.044 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035063.D

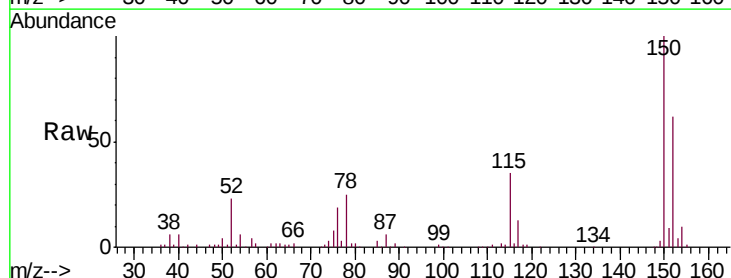
Acq: 10 Oct 2019 21:26

Tgt Ion: 75 Resp: 8971

Ion Ratio Lower Upper

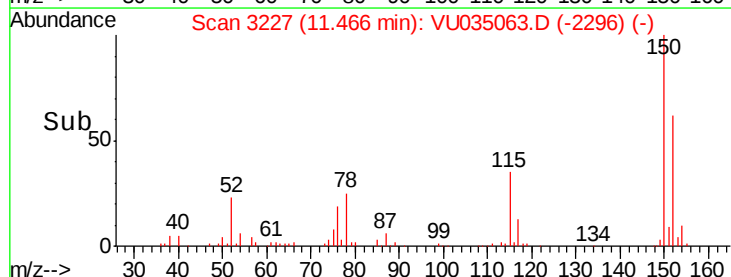
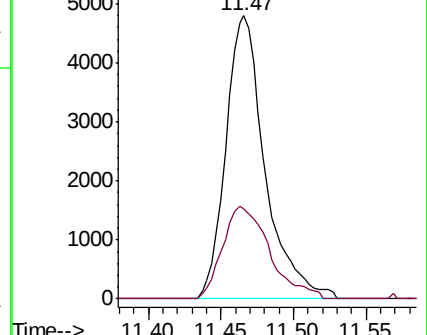
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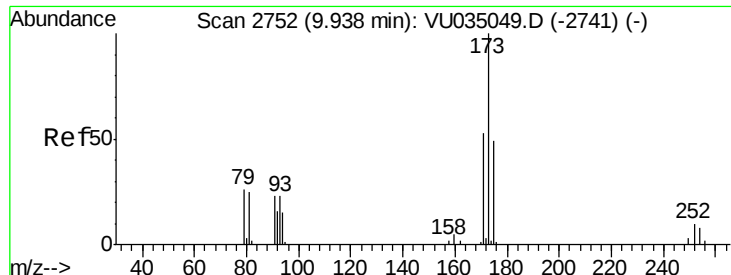
77 39.3 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 8.136 ug/L

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU035063.D

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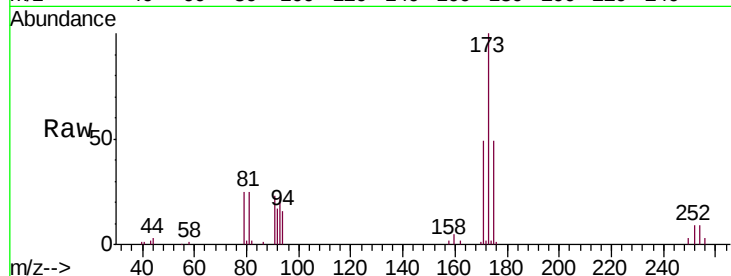
Tgt Ion:173 Resp: 38324

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

