

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039479.D
 Acq On : 14 Jul 2020 13:08
 Operator : SY/MD
 Sample : L3295-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG098

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 12:58:23 PM

Quant Time: Jul 15 06:36:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	104436	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47417	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	1.93	69	25816	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.58	63	23720	1.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.80%#
20) 2-Butanone-d5	4.66	46	112736	40.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.42%
24) Chloroform-d	5.08	84	54505	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.72	65	34720	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.75	84	105559	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.71	67	35068	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.91	98	36006	1.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	35.00%#
43) trans-1,3-Dichloropropene-	8.19	79	8834	2.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.00%#
46) 2-Hexanone-d5	8.64	63	83384	38.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.34%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32654	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	36499	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	2947m	1.971	ug/L	
16) Methylene chloride	3.06	84	1707	0.218	ug/L	90
21) 2-Butanone	4.74	43	7332	2.748	ug/L	84
25) Chloroform	5.11	83	7262	0.534	ug/L	93
38) Bromodichloromethane	7.12	83	18038	1.758	ug/L #	92
49) Dibromochloromethane	8.82	129	38569	5.516	ug/L	95
61) Bromoform	10.29	173	24161	6.046	ug/L	98

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

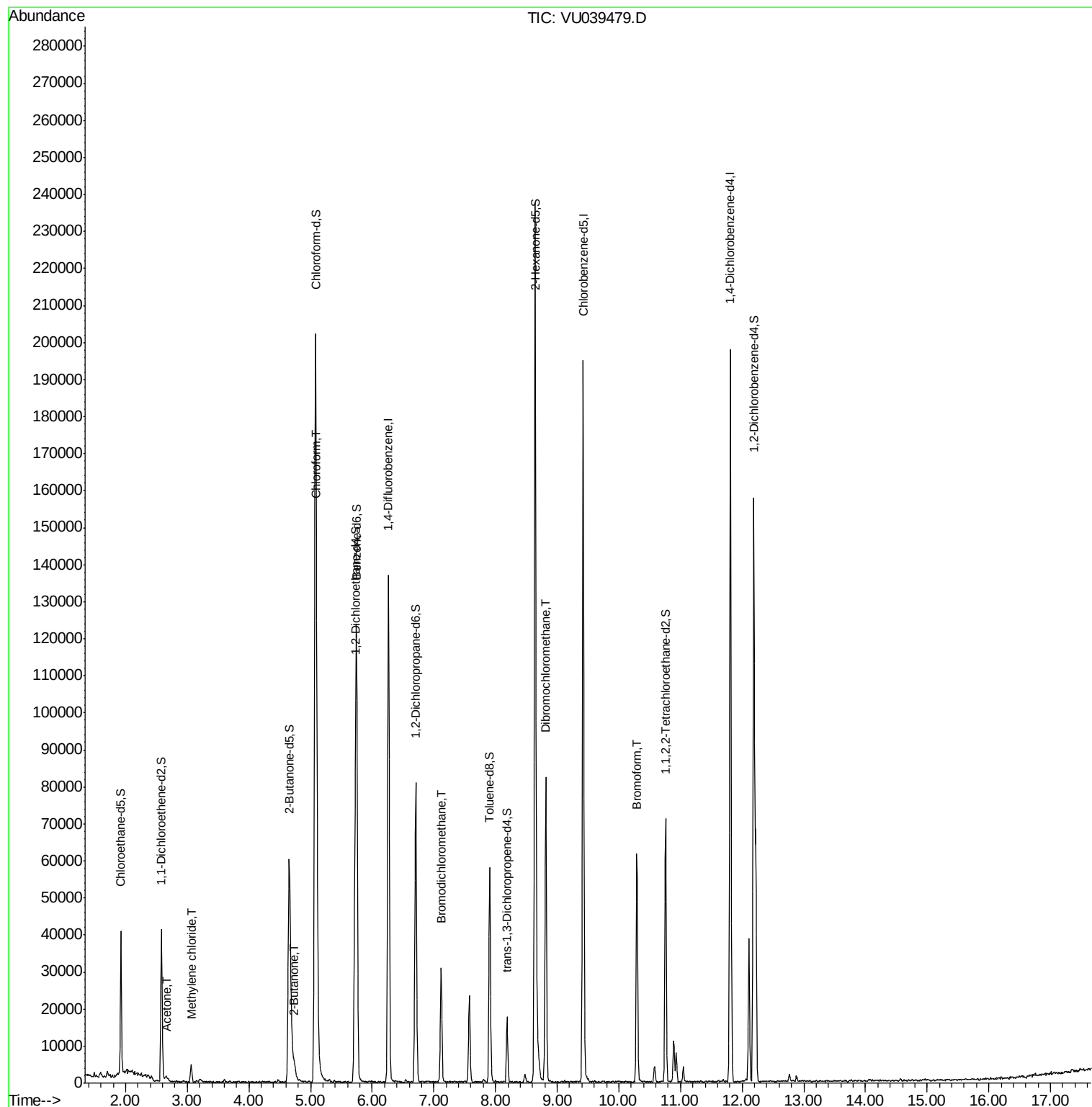
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071420\
Data File : VU039479.D
Acq On : 14 Jul 2020 13:08
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

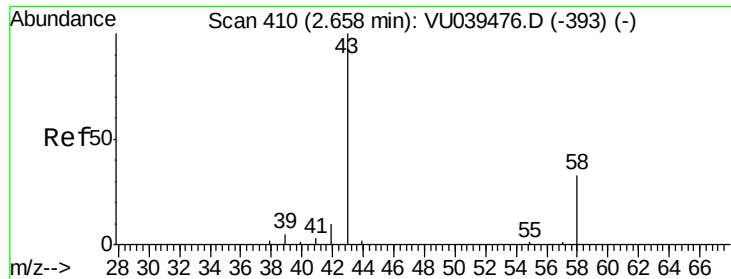
Instrument :
MSVOA_U
ClientSampleId :
BG098

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Quant Time: Jul 15 06:36:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 06:21:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.971 ug/L m

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU039479.D

Acq: 14 Jul 2020 13:08

Instrument :

MSVOA_U

ClientSampled :

BG098

Tot Ion: 43 Resp: 2947

Ion Ratio Lower Upper

43 100

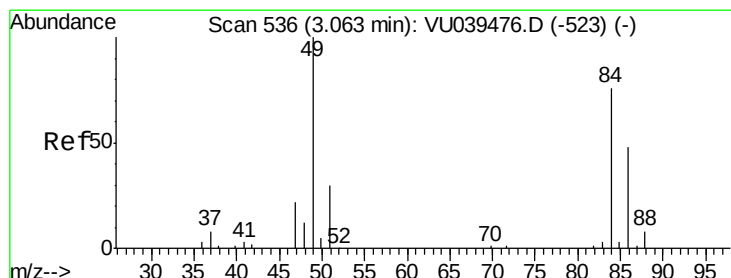
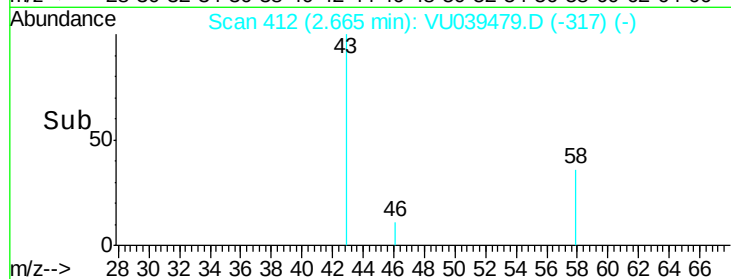
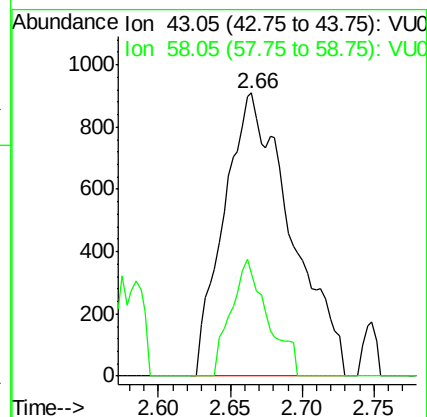
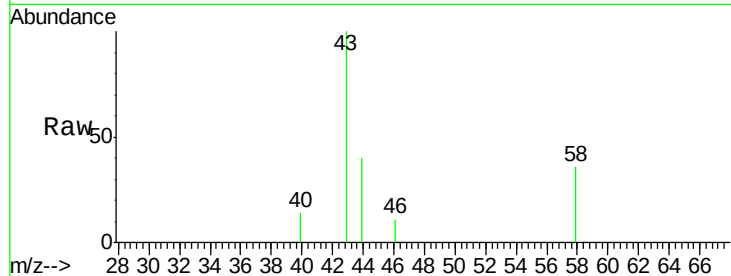
58 22.7 0.0 62.8

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#16

Methylene chloride

Concen: 0.218 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039479.D

Acq: 14 Jul 2020 13:08

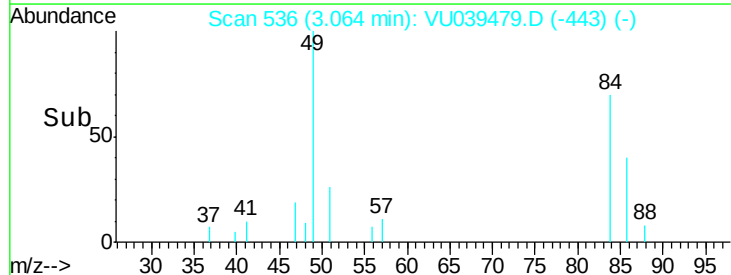
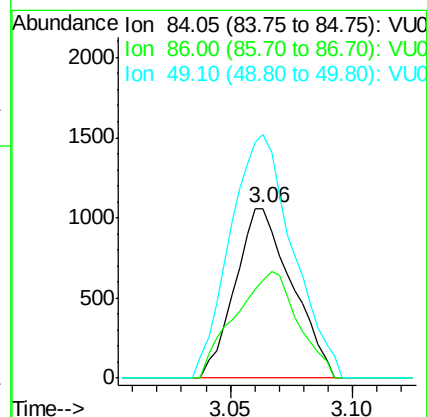
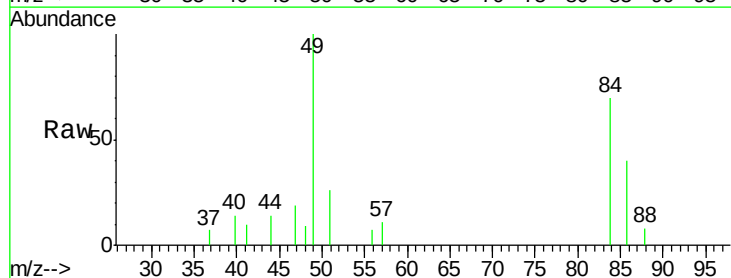
Tgt Ion: 84 Resp: 1707

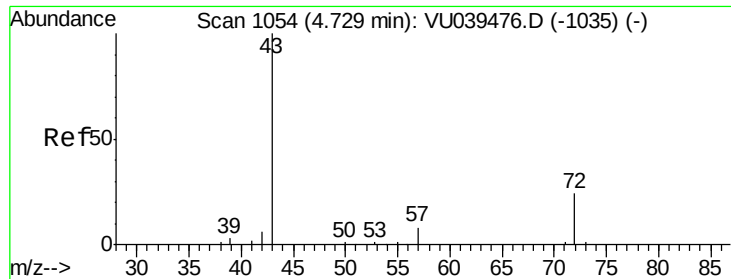
Ion Ratio Lower Upper

84 100

86 57.9 43.5 80.9

49 143.4 91.1 169.1





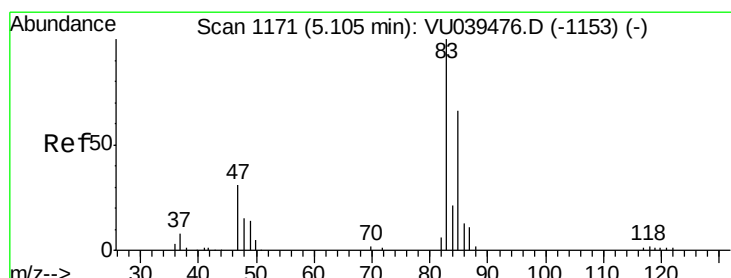
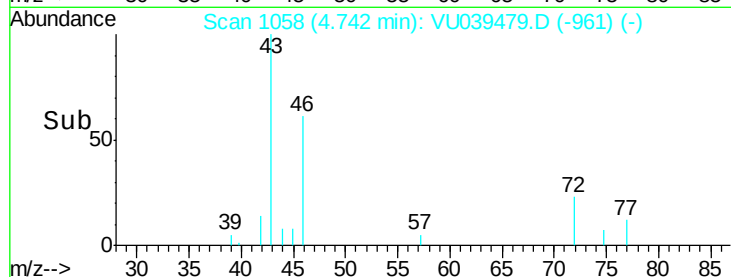
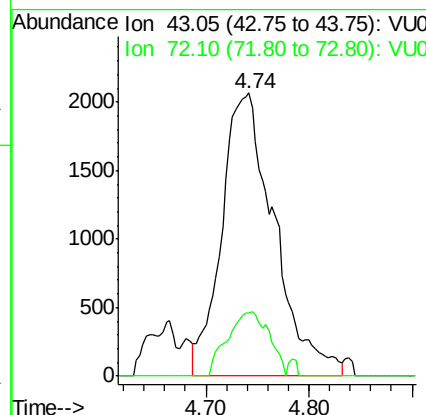
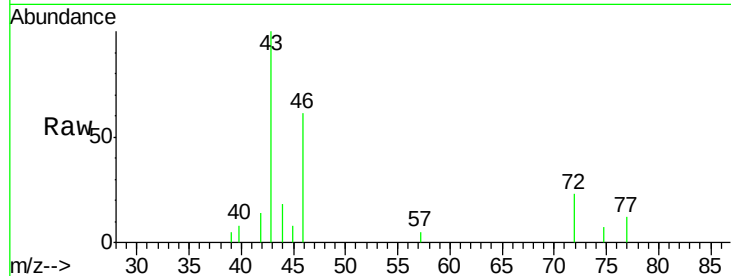
#21
2-Butanone
Concen: 2.748 ug/L
RT: 4.74 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VU039479.D
Acq: 14 Jul 2020 13:08

Instrument :
MSVOA_U
ClientSampleId :
BG098

Tot Ion: 43 Resp: 7332
Ion Ratio Lower Upper
43 100
72 18.0 13.2 39.5

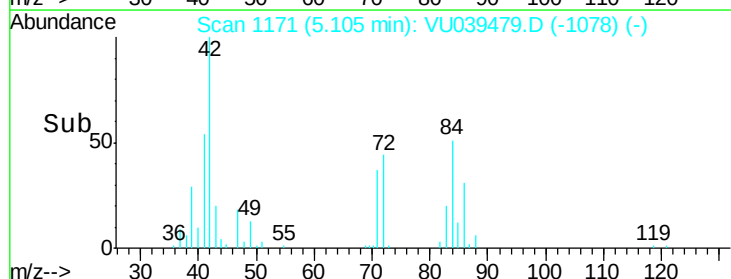
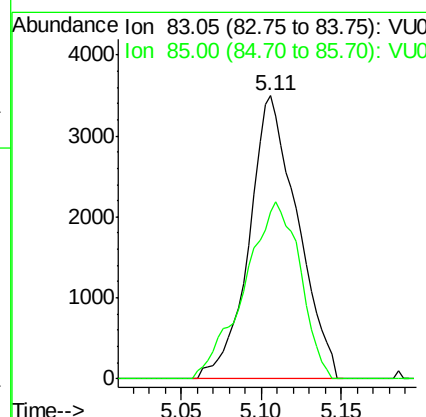
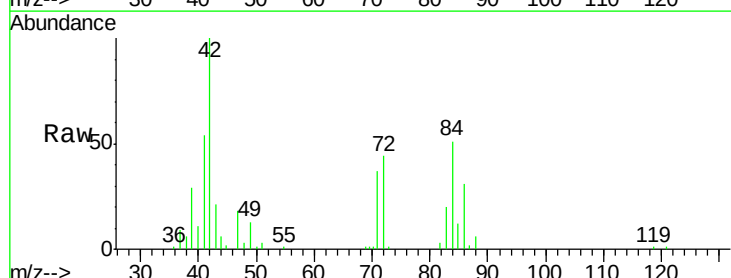
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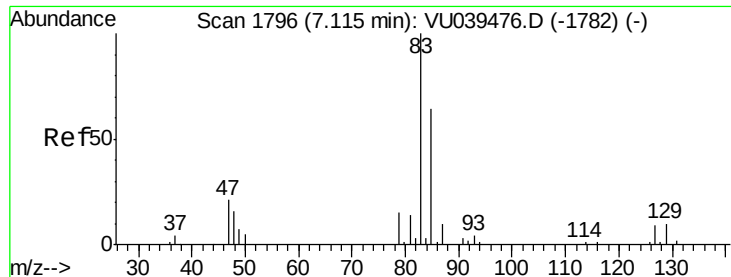
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#25
Chloroform
Concen: 0.534 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039479.D
Acq: 14 Jul 2020 13:08

Tgt Ion: 83 Resp: 7262
Ion Ratio Lower Upper
83 100
85 59.1 44.9 83.5





#38

Bromodichloromethane

Concen: 1.758 ug/L

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU039479.D

Acq: 14 Jul 2020 13:08

Instrument :

MSVOA_U

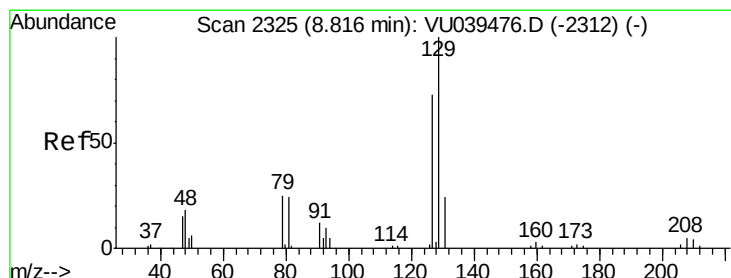
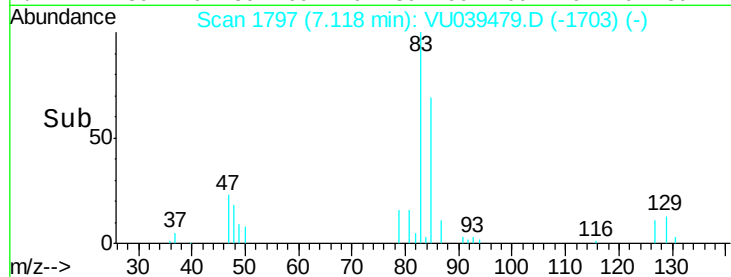
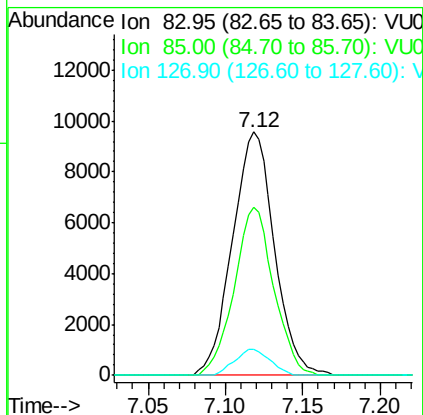
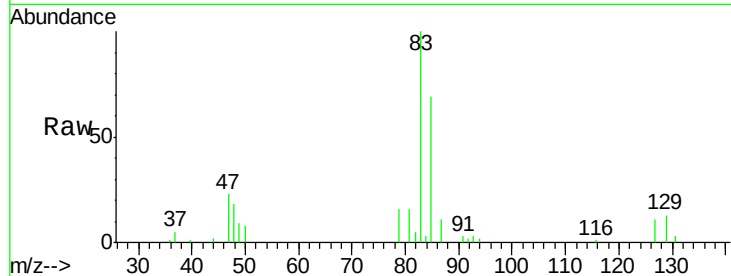
ClientSampleId :

BG098

Tot Ion:	83	Resp:	18038
Ion Ratio	Lower	Upper	
83	100		
85	69.1	44.0	81.6
127	10.7	6.2	9.4#

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#49

Dibromochloromethane

Concen: 5.516 ug/L

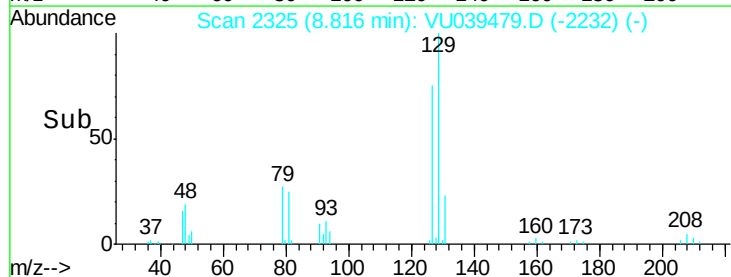
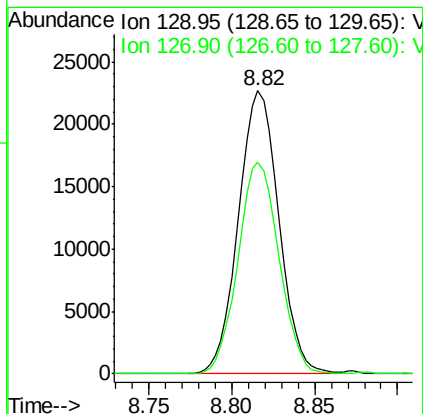
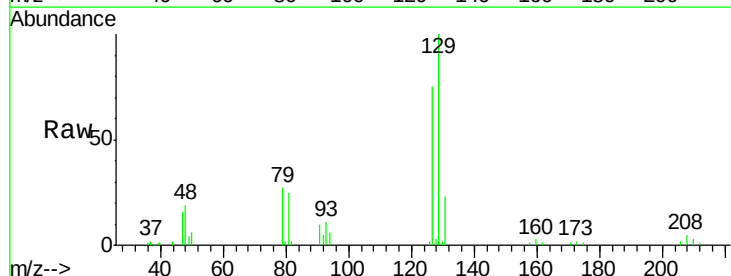
RT: 8.82 min Scan# 2325

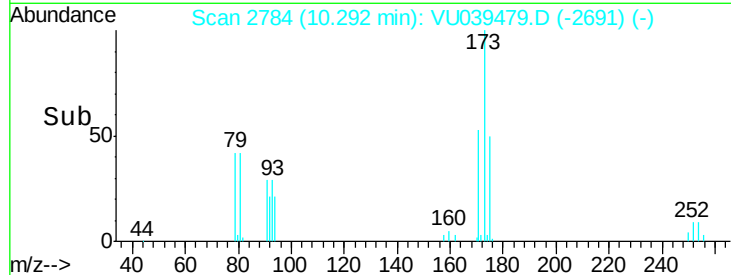
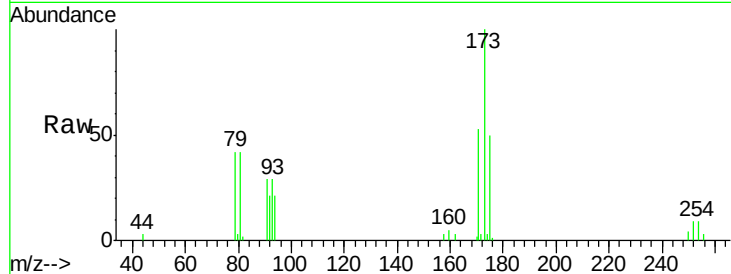
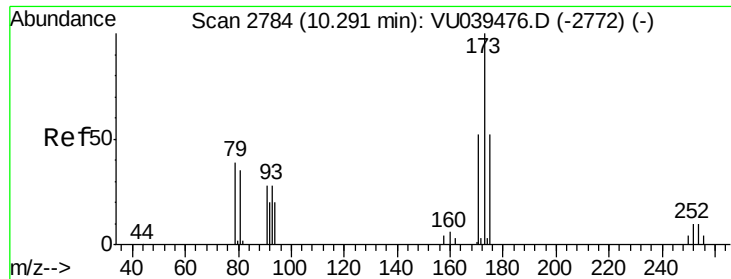
Delta R.T. 0.00 min

Lab File: VU039479.D

Acq: 14 Jul 2020 13:08

Tgt Ion:	129	Resp:	38569
Ion Ratio	Lower	Upper	
129	100		
127	74.8	55.4	102.8





#61
 Bromoform
 Concen: 6.046 ug/L
 RT: 10.29 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VU039479.D
 Acq: 14 Jul 2020 13:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BG098

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	37.5	56.3
254	8.9	6.7	10.1

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