

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040355.D
 Acq On : 29 Sep 2020 13:45
 Operator : SY/MD
 Sample : L4188-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q8

Quant Time: Sep 30 02:08:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132667	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134609	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28997	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	27256	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	45834	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.65	46	157013	48.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.26%
24) Chloroform-d	5.09	84	106768	6.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	136.60%#
26) 1,2-Dichloroethane-d4	5.72	65	45462	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.74	84	130451	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	45824	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.91	98	102723	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	17762	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	113183	47.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44042	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48801	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

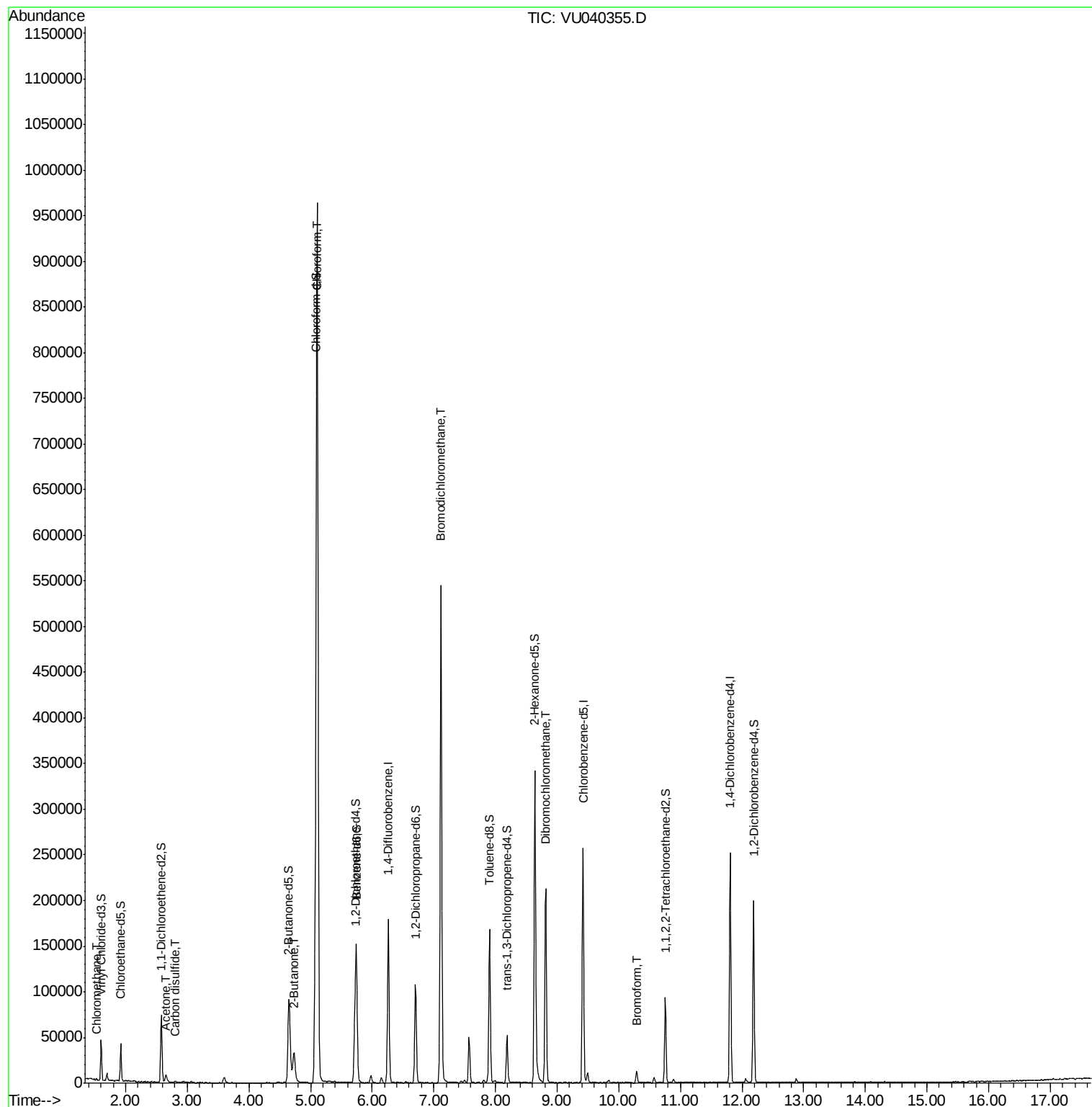
					Ovalue
3) Chloromethane	1.52	50	1015	0.078 ug/L	93
13) Acetone	2.65	43	13652	5.022 ug/L	98
14) Carbon disulfide	2.80	76	2145	0.067 ug/L #	82
21) 2-Butanone	4.73	43	53881	12.347 ug/L	97
25) Chloroform	5.11	83	793223	36.268 ug/L	99
38) Bromodichloromethane	7.11	83	343348	22.124 ug/L	100
49) Dibromochloromethane	8.82	129	105594	10.303 ug/L	97
61) Bromoform	10.29	173	5689	1.132 ug/L	99

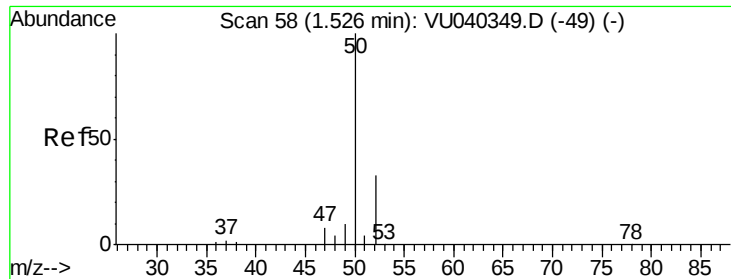
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 01:43:05 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.078 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040355.D

Acq: 29 Sep 2020 13:45

Instrument :

MSVOA_U

ClientSampleId :

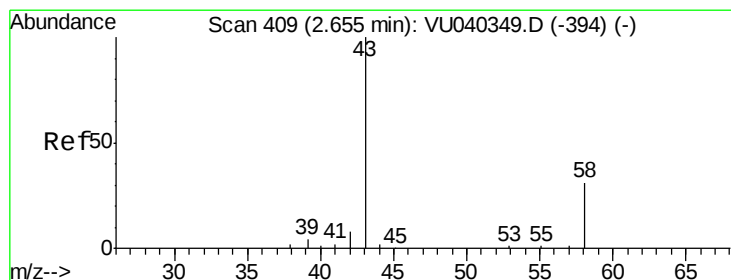
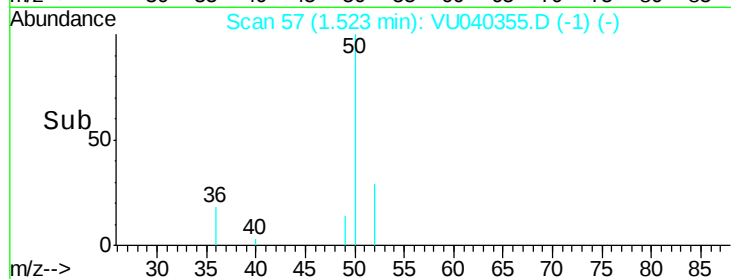
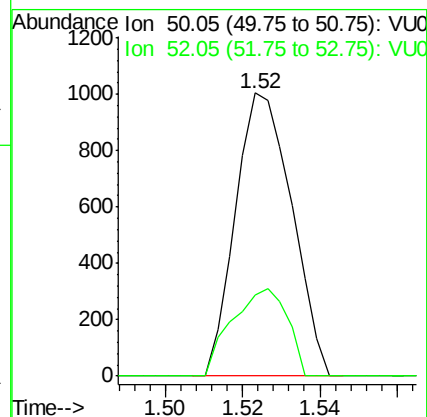
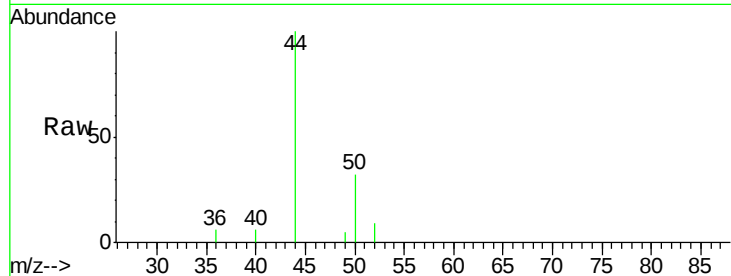
BG0Q8

Tot Ion: 50 Resp: 1015

Ion Ratio Lower Upper

50 100

52 28.8 23.0 42.6



#13

Acetone

Concen: 5.022 ug/L

RT: 2.65 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU040355.D

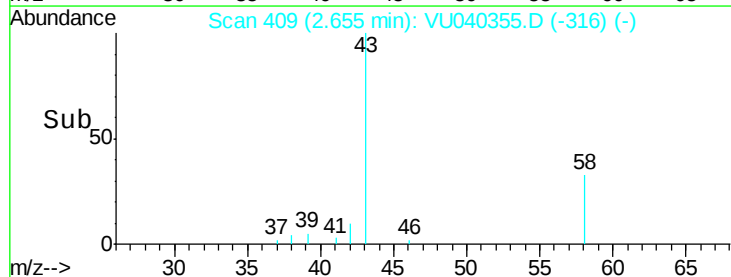
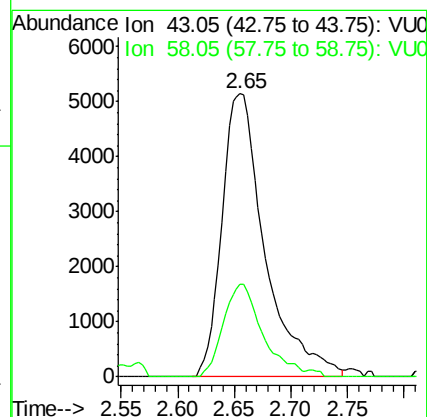
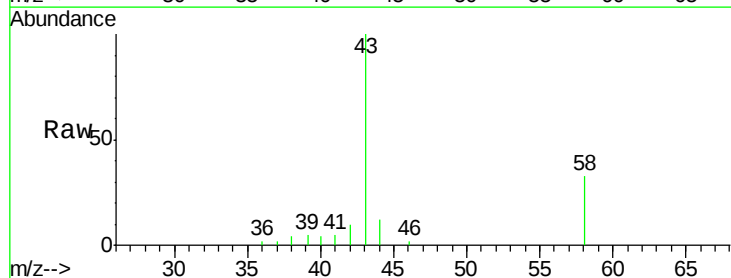
Acq: 29 Sep 2020 13:45

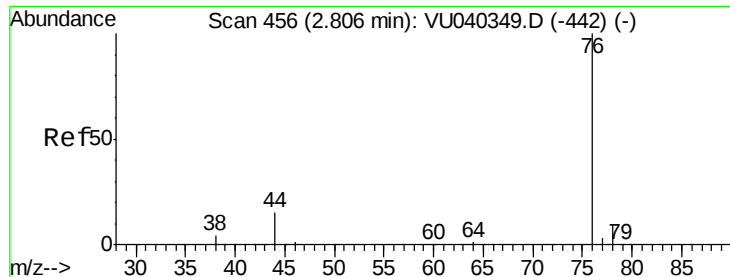
Tgt Ion: 43 Resp: 13652

Ion Ratio Lower Upper

43 100

58 29.9 0.0 61.8

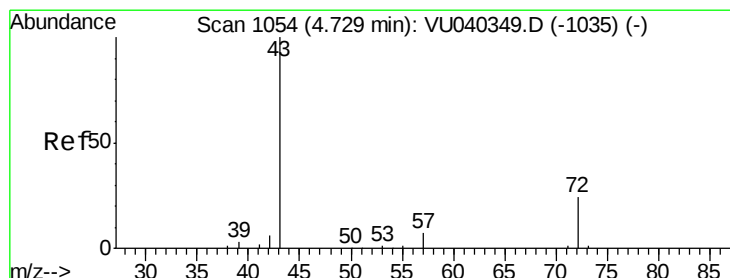
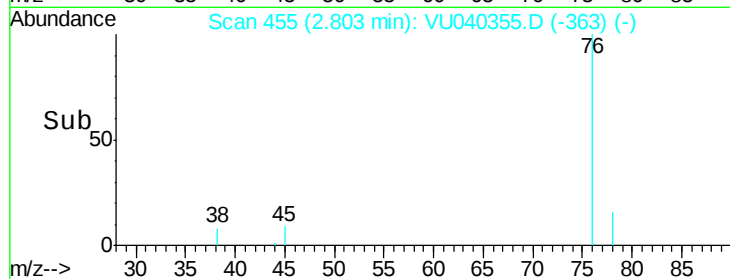
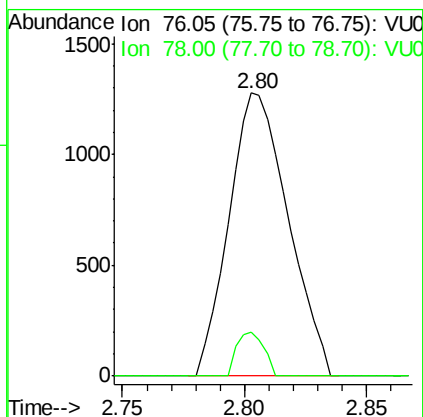
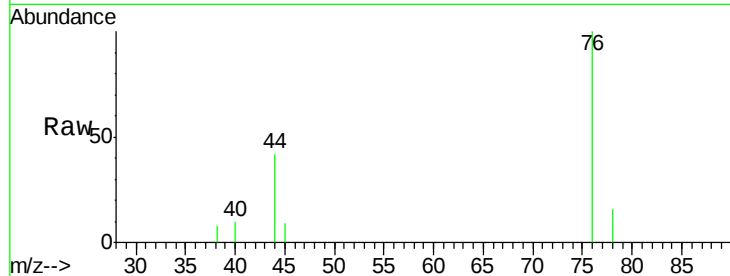




#14
Carbon disulfide
Concen: 0.067 ug/L
RT: 2.80 min Scan# 455
Delta R.T. -0.00 min
Lab File: VU040355.D
Acq: 29 Sep 2020 13:45

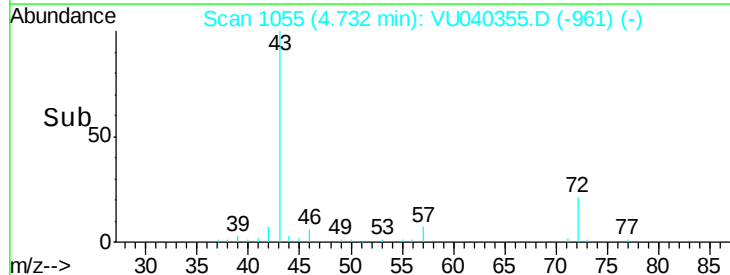
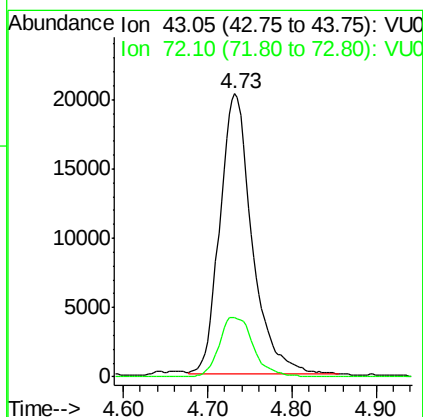
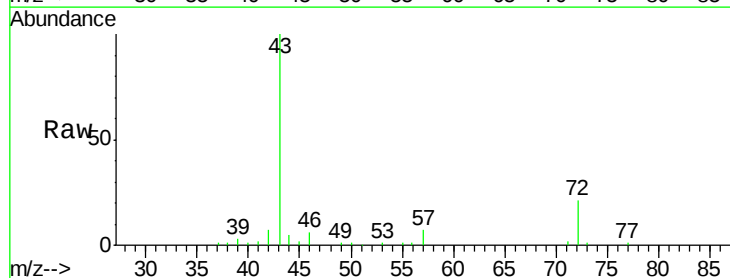
Instrument :
MSVOA_U
ClientSampled :
BG0Q8

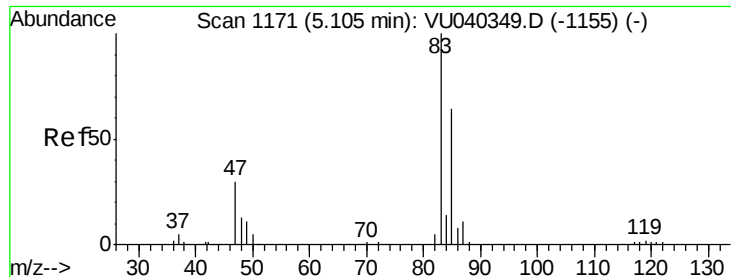
Tot Ion: 76 Resp: 2145
Ion Ratio Lower Upper
76 100
78 15.7 7.2 10.8#



#21
2-Butanone
Concen: 12.347 ug/L
RT: 4.73 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VU040355.D
Acq: 29 Sep 2020 13:45

Tgt Ion: 43 Resp: 53881
Ion Ratio Lower Upper
43 100
72 22.7 12.0 36.1

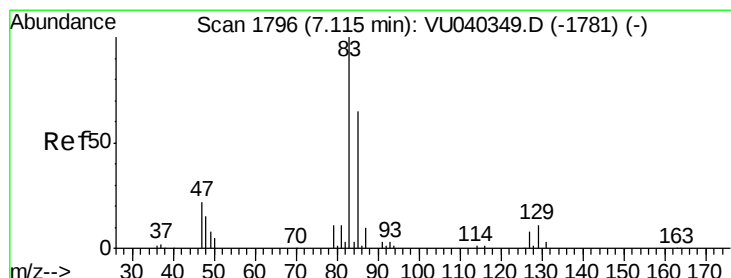
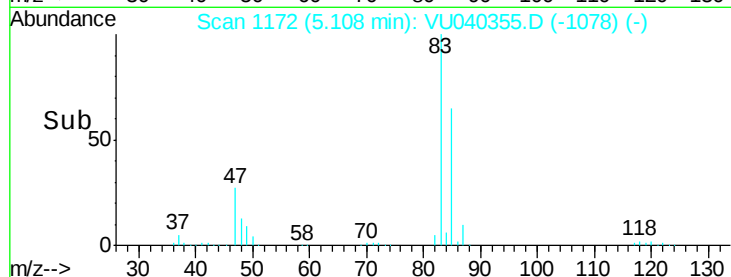
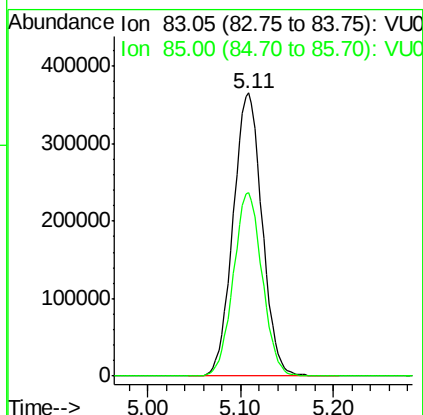
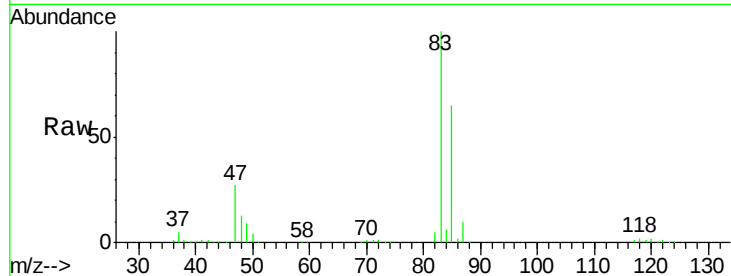




#25
Chloroform
Concen: 36.268 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040355.D
Acq: 29 Sep 2020 13:45

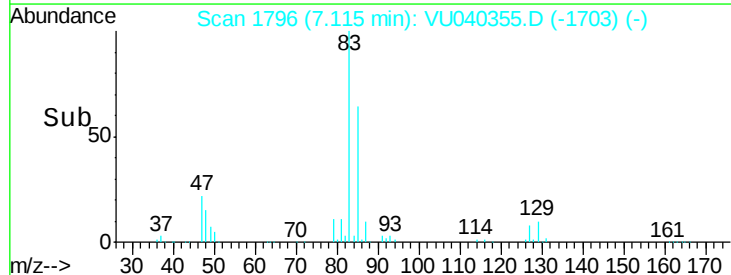
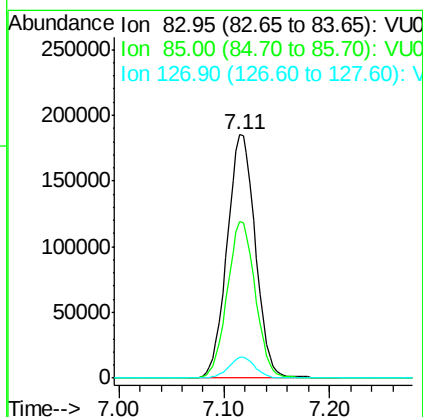
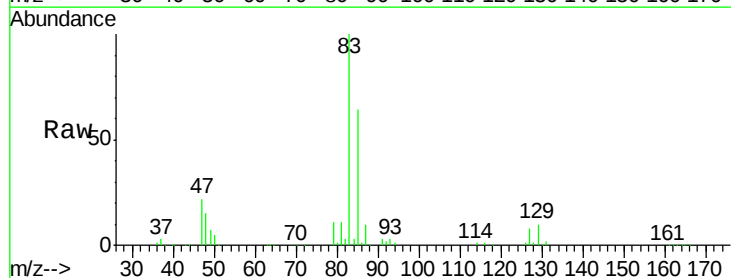
Instrument :
MSVOA_U
ClientSampleId :
BG0Q8

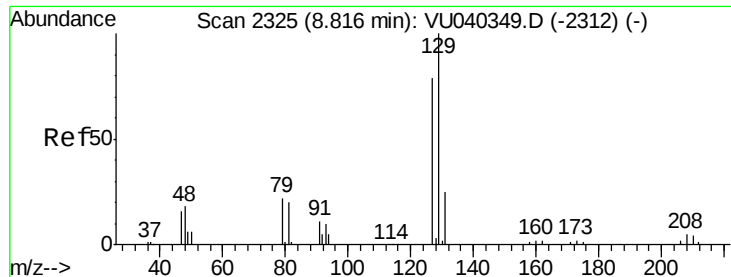
Tot Ion: 83 Resp: 793223
Ion Ratio Lower Upper
83 100
85 64.9 44.6 82.8



#38
Bromodichloromethane
Concen: 22.124 ug/L
RT: 7.11 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VU040355.D
Acq: 29 Sep 2020 13:45

Tgt Ion: 83 Resp: 343348
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9
127 8.4 6.6 9.8





#49

Dibromochloromethane

Concen: 10.303 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040355.D

Acq: 29 Sep 2020 13:45

Instrument :

MSVOA_U

ClientSampleId :

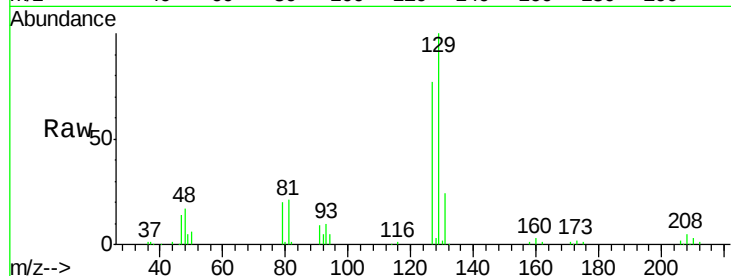
BG0Q8

Tot Ion:129 Resp: 105594

Ion Ratio Lower Upper

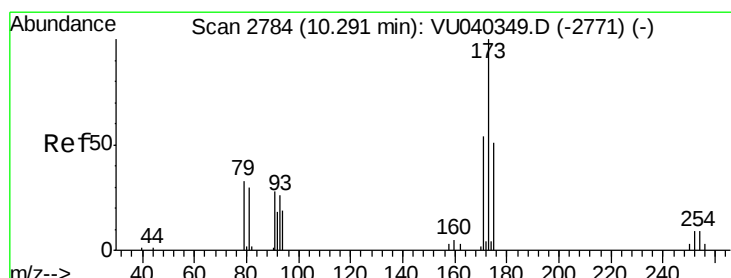
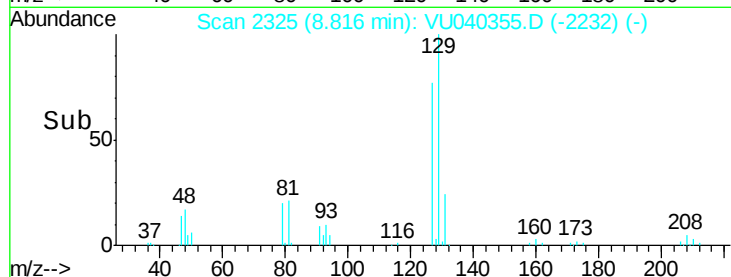
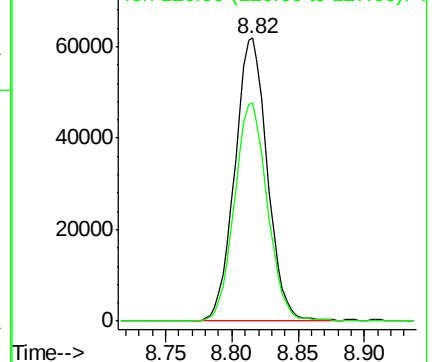
129 100

127 76.9 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#61

Bromoform

Concen: 1.132 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040355.D

Acq: 29 Sep 2020 13:45

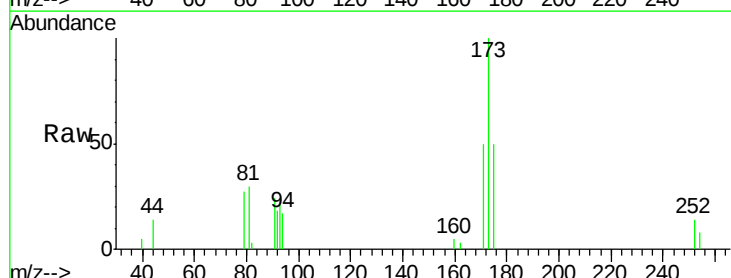
Tgt Ion:173 Resp: 5689

Ion Ratio Lower Upper

173 100

175 49.4 39.6 59.4

254 7.5 7.0 10.4



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

