

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038639.D
 Acq On : 07 Jun 2020 00:58
 Operator : SY/MD
 Sample : L2911-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D01

Quant Time: Jun 08 03:27:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	302458	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	303611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83710	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.93	69	75026	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.59	63	136829	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.68	46	339919	57.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.32%
24) Chloroform-d	5.10	84	189295	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.74	65	110372	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.76	84	373402	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.72	67	117162	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.92	98	306570	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	44394	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.65	63	291664	58.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102929	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	128935	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

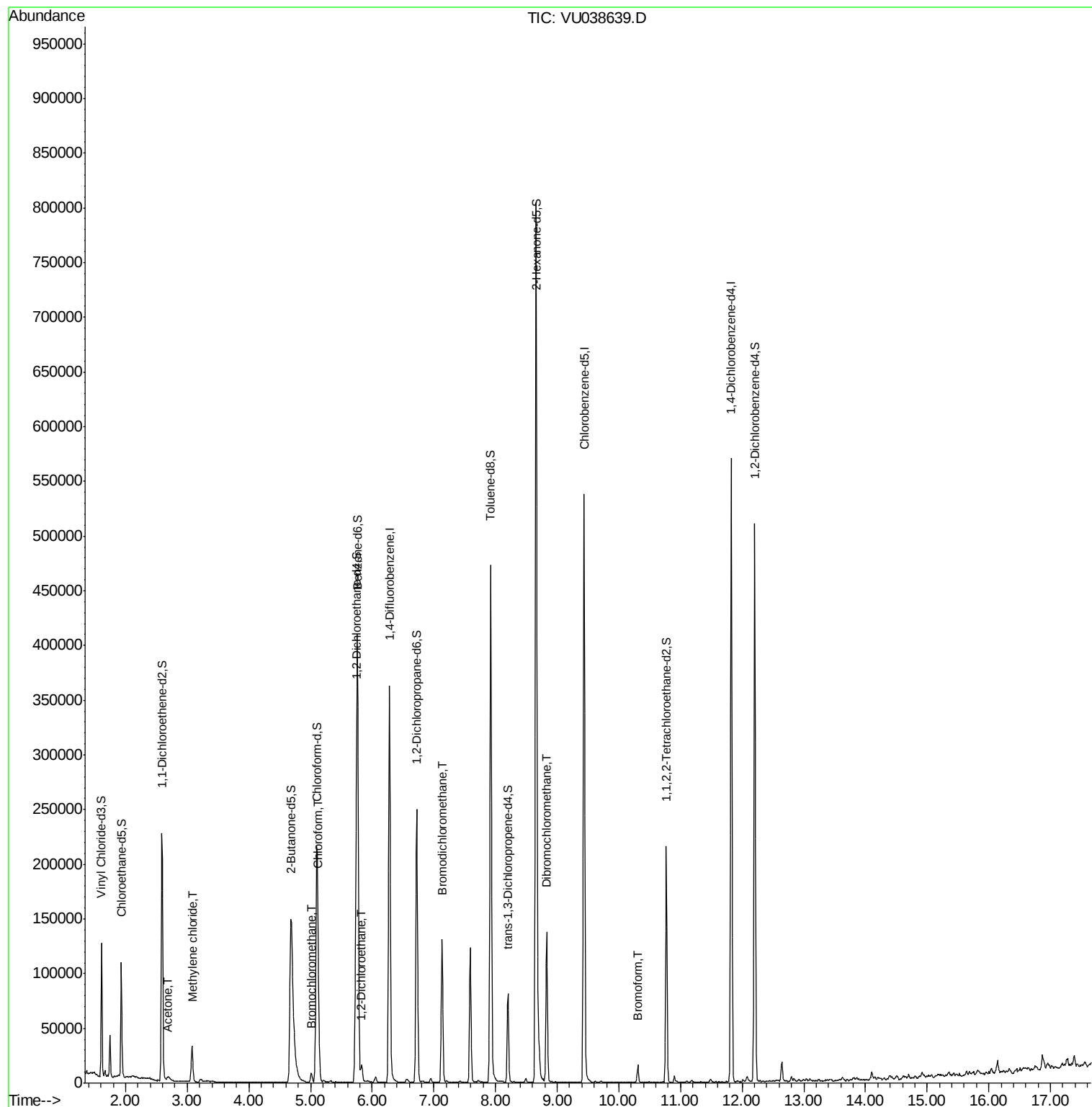
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.69	43	9079	2.333	ug/L	74
16) Methylene chloride	3.08	84	16068	0.762	ug/L	94
23) Bromochloromethane	5.01	128	2584	0.266	ug/L	89
25) Chloroform	5.13	83	52582	1.441	ug/L	98
27) 1,2-Dichloroethane	5.83	62	10521	0.410	ug/L #	92
38) Bromodichloromethane	7.13	83	86417	3.266	ug/L	98
49) Dibromochloromethane	8.83	129	69992	4.034	ug/L	98
61) Bromoform	10.31	173	6859	0.737	ug/L	99

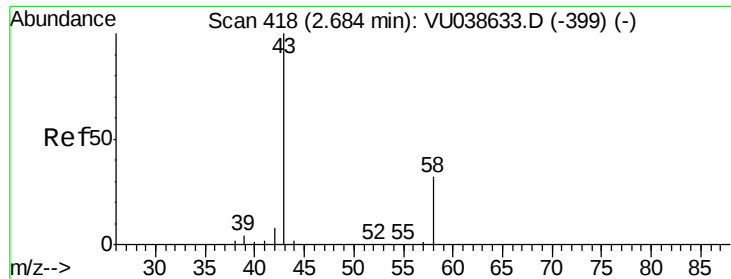
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.333 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU038639.D

Acq: 07 Jun 2020 00:58

Instrument :

MSVOA_U

ClientSampleId :

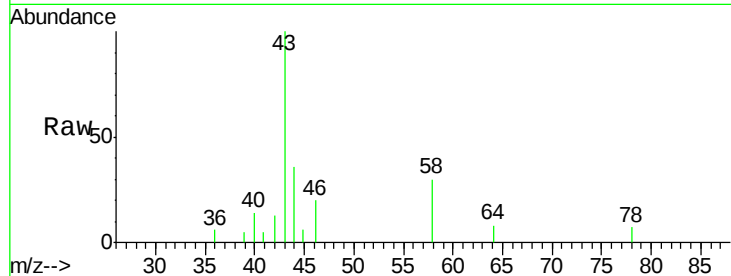
F9D01

Tot Ion: 43 Resp: 9079

Ion Ratio Lower Upper

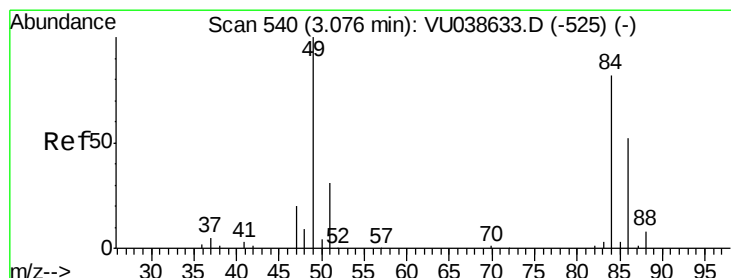
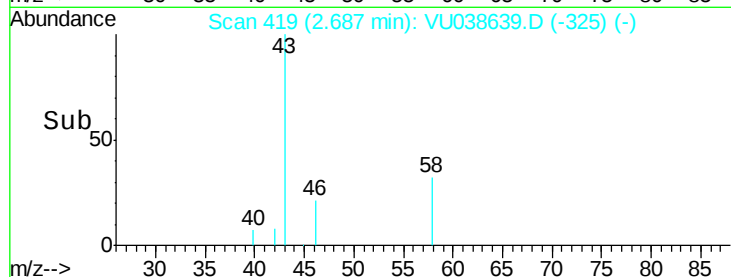
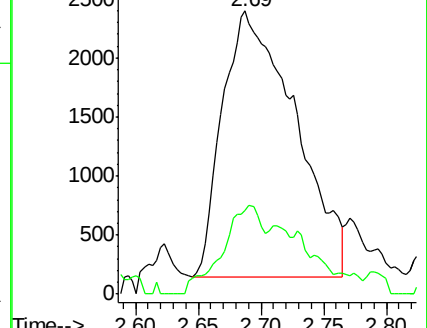
43 100

58 18.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)



#16

Methylene chloride

Concen: 0.762 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038639.D

Acq: 07 Jun 2020 00:58

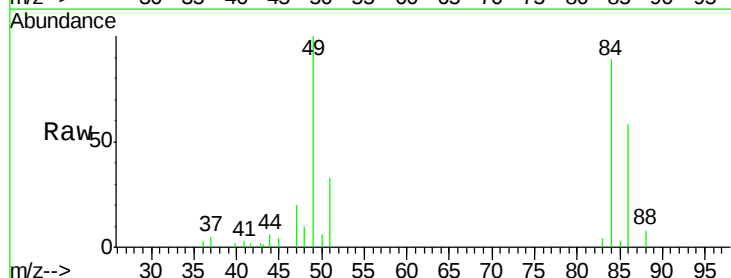
Tgt Ion: 84 Resp: 16068

Ion Ratio Lower Upper

84 100

86 65.7 45.0 83.6

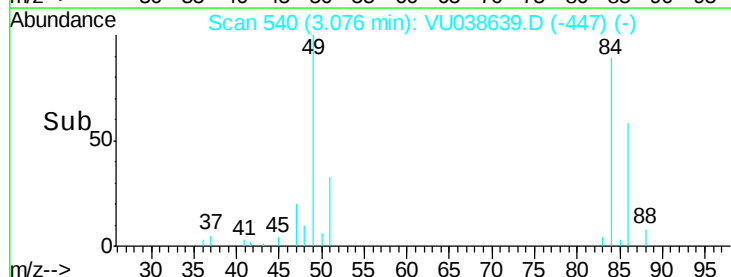
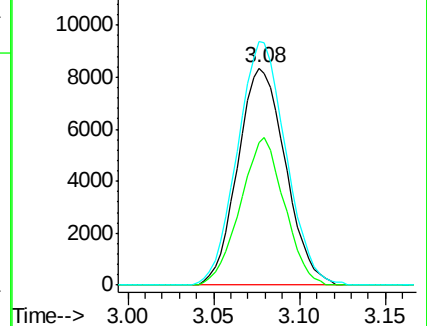
49 112.3 85.5 158.9

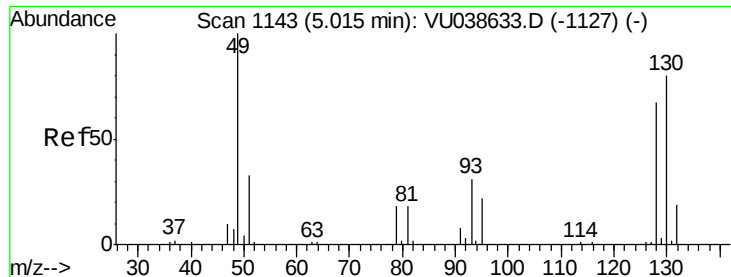


Abundance Ion 84.05 (83.75 to 84.75): VU038633.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038633.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038633.D (-525) (-)





#23

Bromochloromethane

Concen: 0.266 ug/L

RT: 5.01 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU038639.D

Acq: 07 Jun 2020 00:58

Instrument :

MSVOA_U

ClientSampleId :

F9D01

Tot Ion:128 Resp: 2584

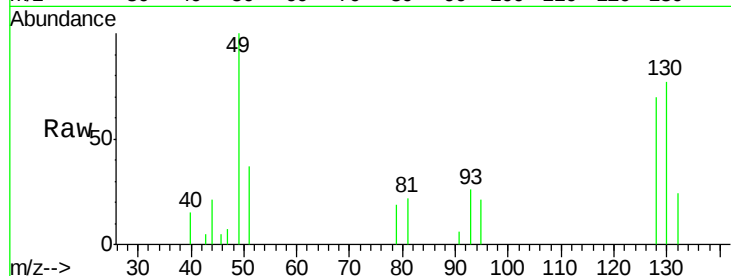
Ion Ratio Lower Upper

128 100

49 141.9 111.9 207.7

130 109.6 86.5 160.7

51 52.7 41.7 62.5

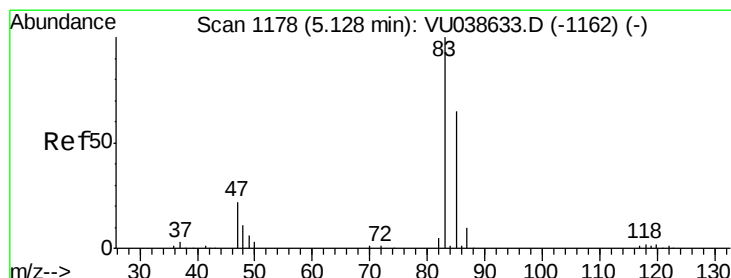
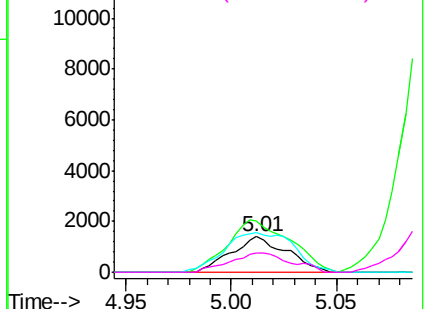
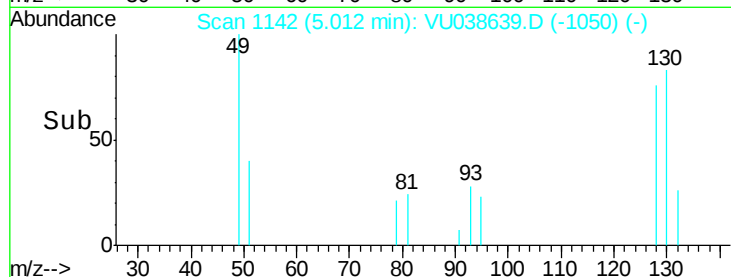


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VU0



#25

Chloroform

Concen: 1.441 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU038639.D

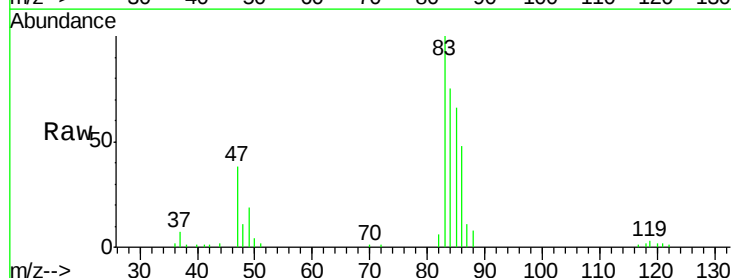
Acq: 07 Jun 2020 00:58

Tgt Ion: 83 Resp: 52582

Ion Ratio Lower Upper

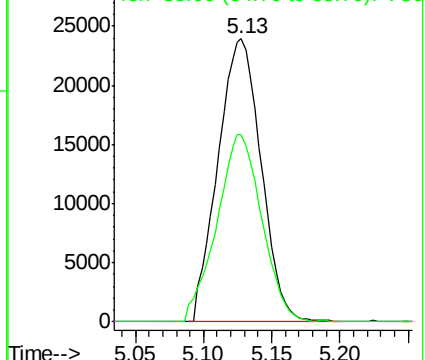
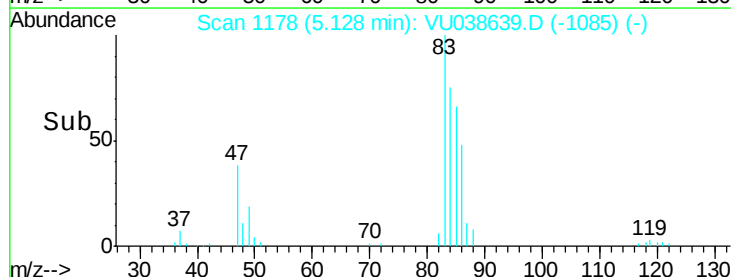
83 100

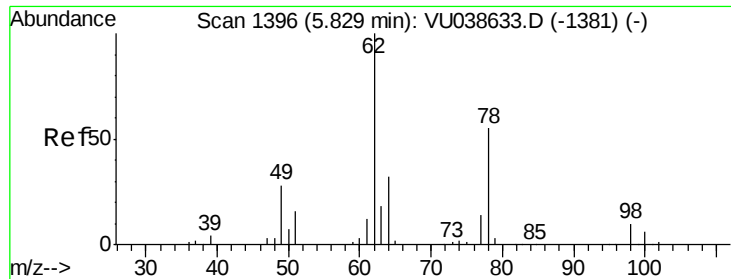
85 66.0 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

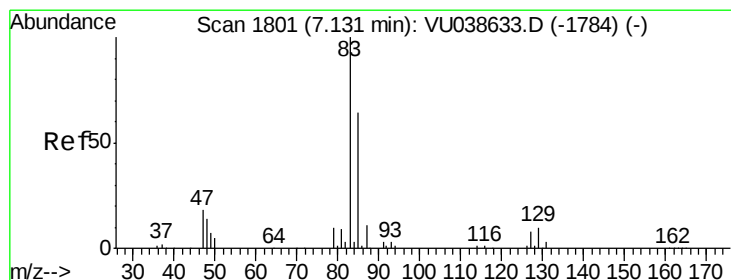
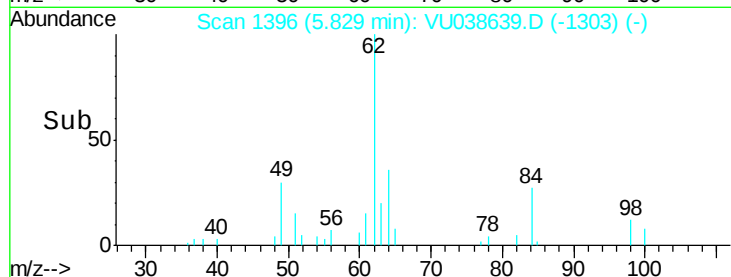
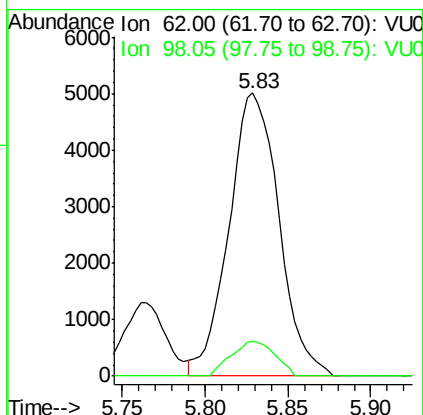
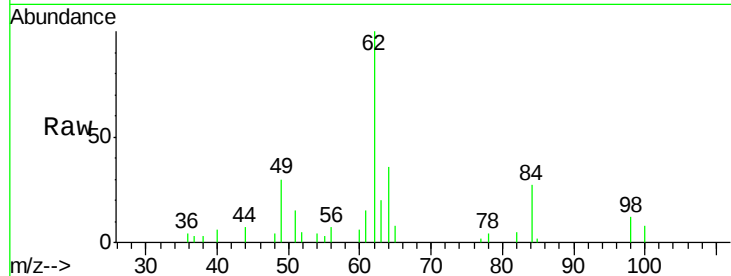




#27
 1,2-Dichloroethane
 Concen: 0.410 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038639.D
 Acq: 07 Jun 2020 00:58

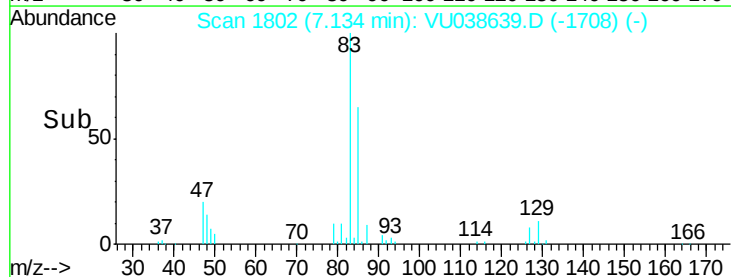
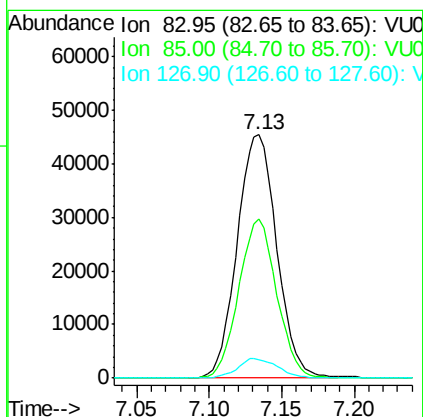
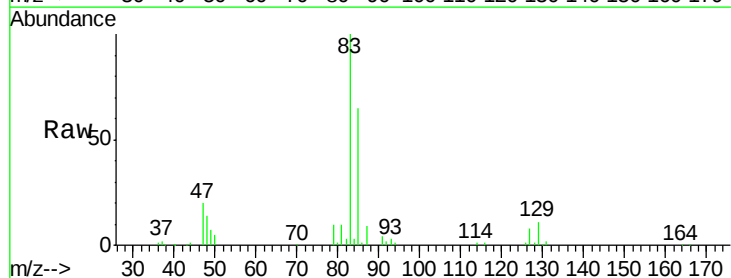
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 ClientSampleId :
 F9D01

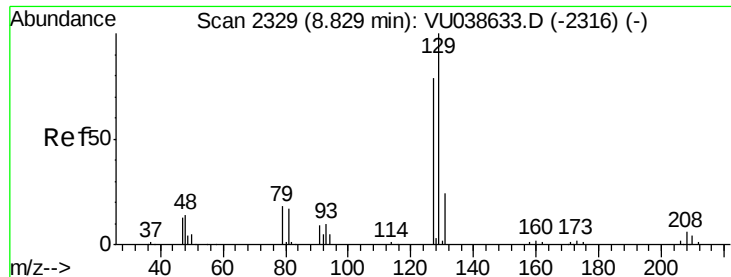
Tot Ion: 62 Resp: 10521
 Ion Ratio Lower Upper
 62 100
 98 12.3 7.4 11.2#



#38
 Bromodichloromethane
 Concen: 3.266 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU038639.D
 Acq: 07 Jun 2020 00:58

Tgt Ion: 83 Resp: 86417
 Ion Ratio Lower Upper
 83 100
 85 65.2 44.7 83.1
 127 7.7 6.8 10.2





#49

Dibromochloromethane

Concen: 4.034 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU038639.D

Acq: 07 Jun 2020 00:58

Instrument :

MSVOA_U

ClientSampleId :

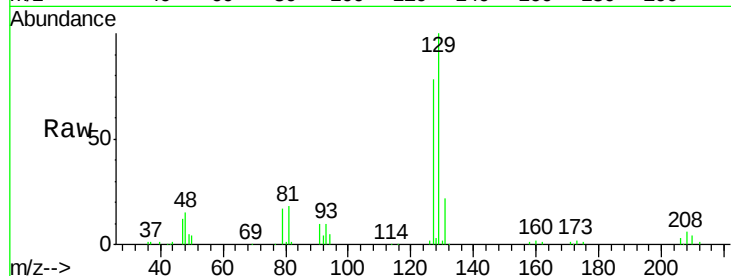
F9D01

Tot Ion:129 Resp: 69992

Ion Ratio Lower Upper

129 100

127 77.7 53.3 99.1



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.83

40000

30000

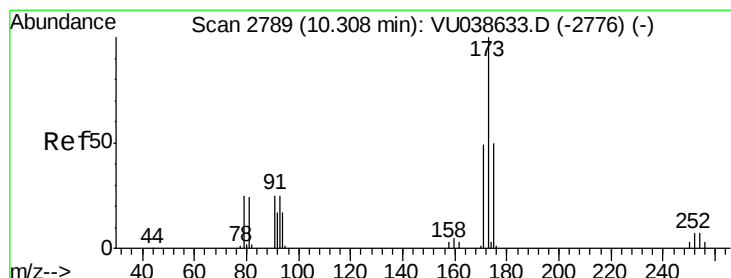
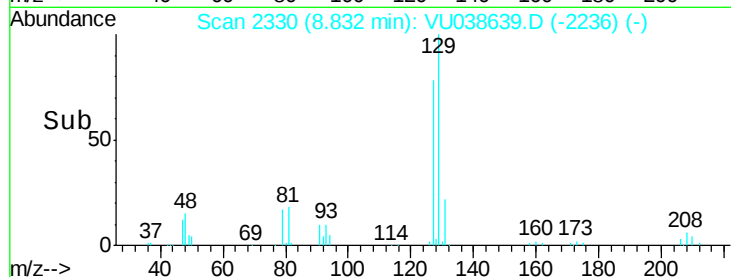
20000

10000

0

Time-->

8.75 8.80 8.85 8.90



#61

Bromoform

Concen: 0.737 ug/L

RT: 10.31 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VU038639.D

Acq: 07 Jun 2020 00:58

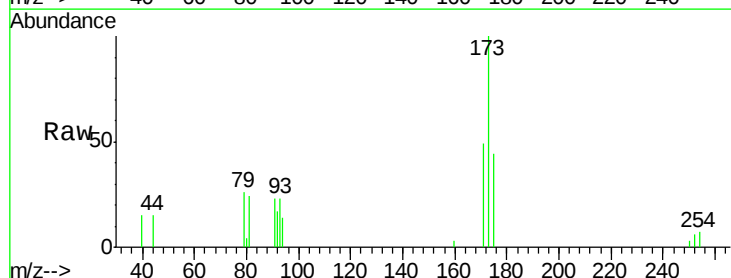
Tgt Ion:173 Resp: 6859

Ion Ratio Lower Upper

173 100

175 48.3 38.7 58.1

254 5.6 5.4 8.2



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

10.31

6000

5000

4000

3000

2000

1000

0

Time-->

10.25 10.30 10.35

