

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 03:01:05 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

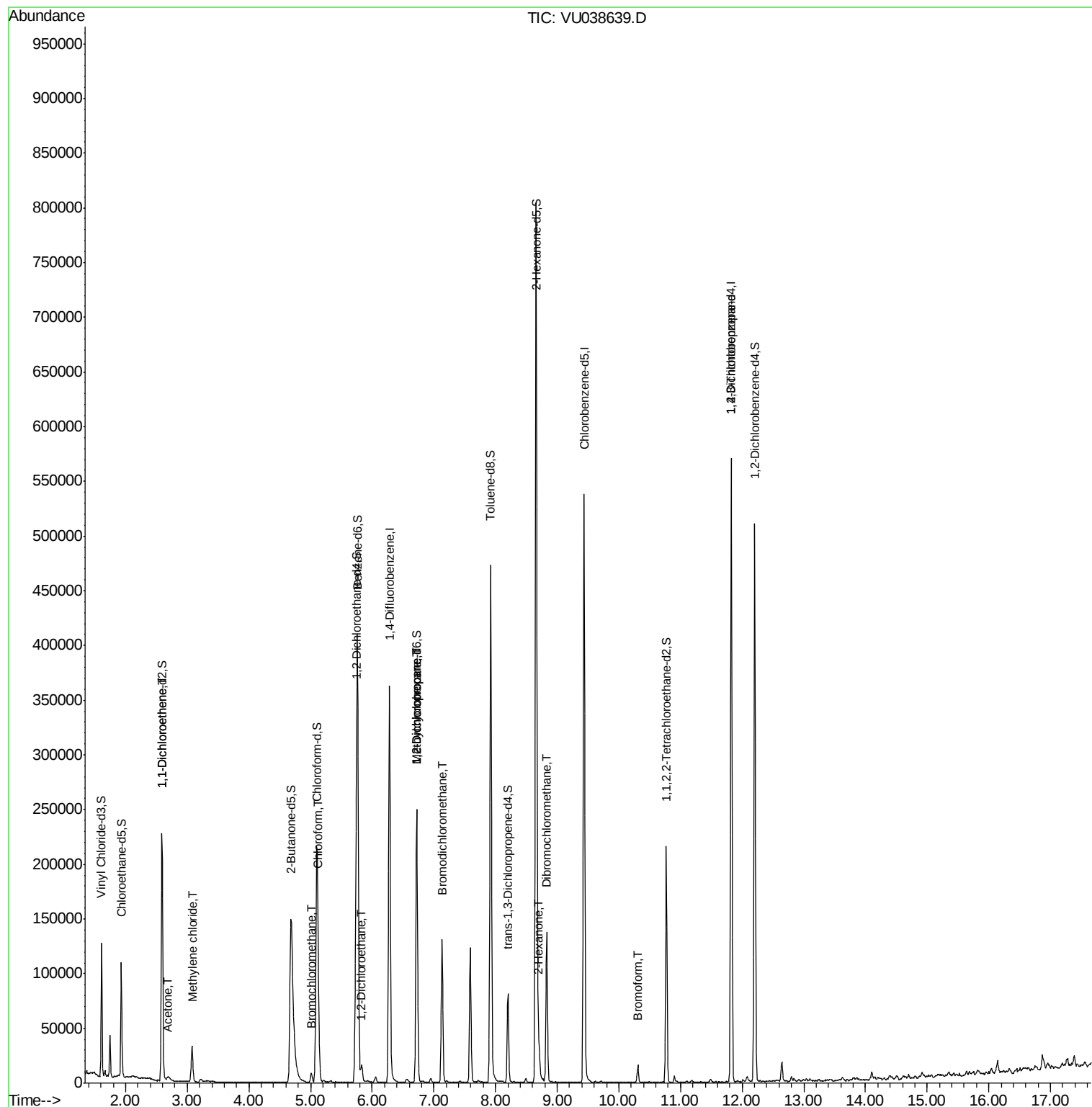
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1185	0.064	ug/L #	1
13) Acetone	2.69	43	9079	2.333	ug/L	74
16) Methylene chloride	3.08	84	16068	0.762	ug/L	94
23) Bromochloromethane	5.01	128	2584	0.266	ug/L	89
25) Chloroform	5.13	83	52582	1.441	ug/L	98
27) 1,2-Dichloroethane	5.83	62	10521	0.410	ug/L #	92
35) Methylcyclohexane	6.72	83	27370	0.804	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12562	0.590	ug/L #	86
38) Bromodichloromethane	7.13	83	86417	3.266	ug/L	98
48) 2-Hexanone	8.70	43	12650	1.096	ug/L #	90
49) Dibromochloromethane	8.83	129	69992	4.034	ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	18808	1.183	ug/L #	88
61) Bromoform	10.31	173	6859	0.737	ug/L	99

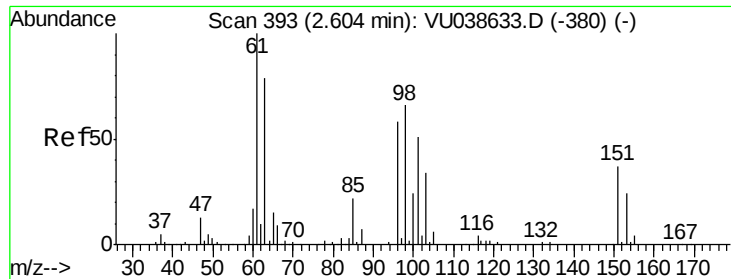
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 02:53:04 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038639.D

Acq: 07 Jun 2020 00:58

Instrument :

MSVOA_U

ClientSampleId :

F9D01

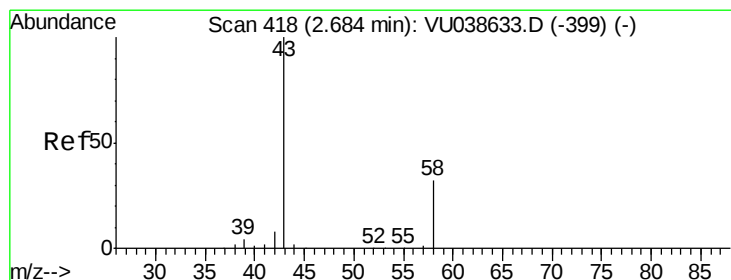
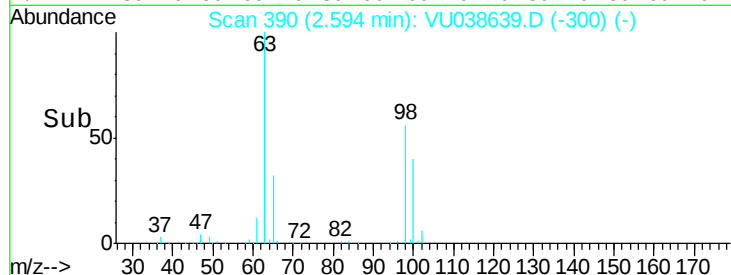
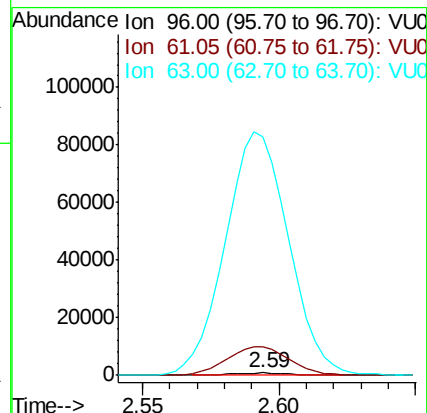
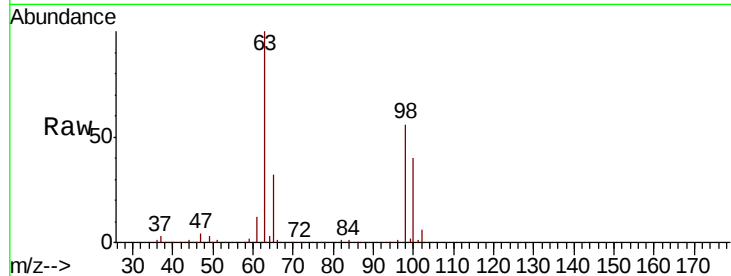
Tot Ion: 96 Resp: 1185

Ion Ratio Lower Upper

96 100

61 1121.2 119.9 222.7#

63 9221.4 89.9 167.0#



#13

Acetone

Concen: 2.333 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU038639.D

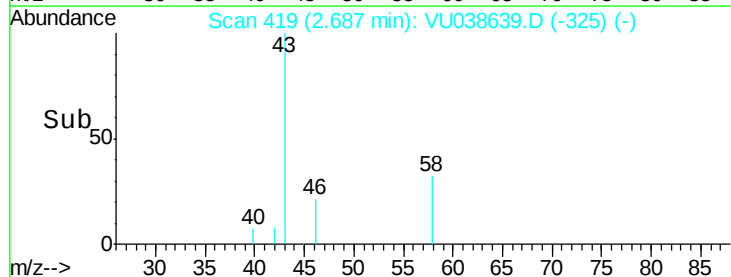
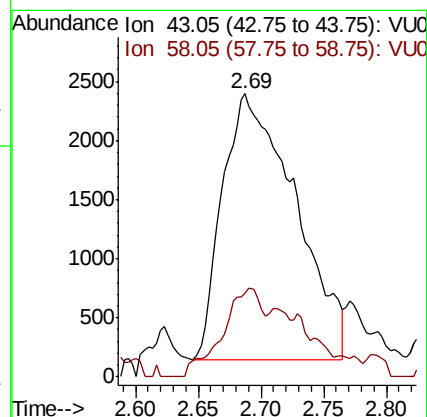
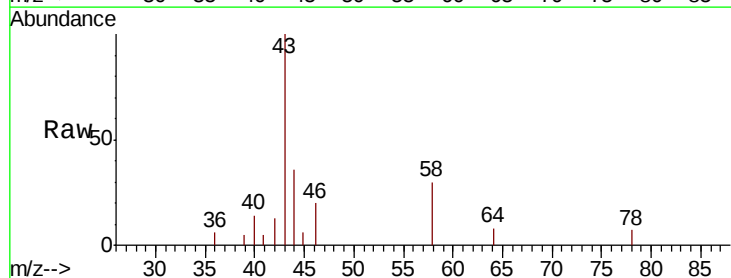
Acq: 07 Jun 2020 00:58

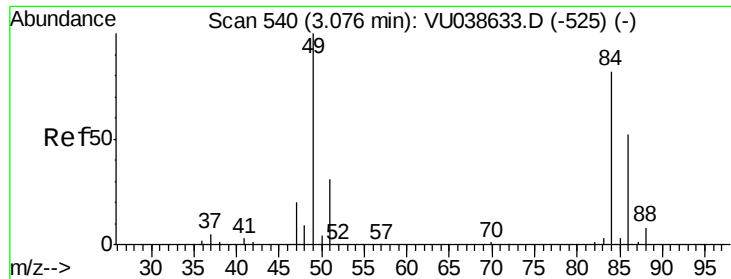
Tgt Ion: 43 Resp: 9079

Ion Ratio Lower Upper

43 100

58 18.3 0.0 65.6

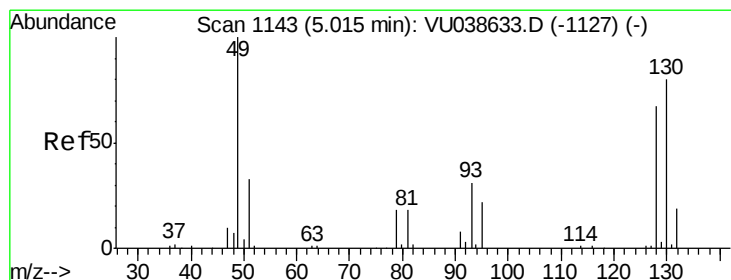
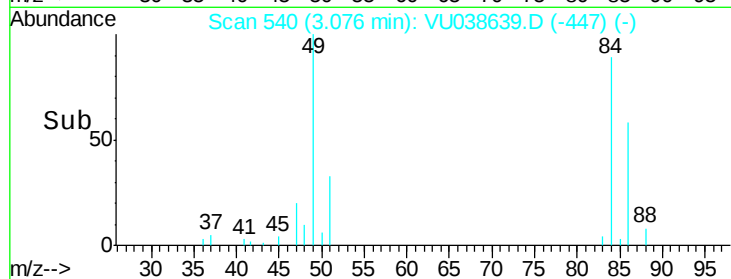
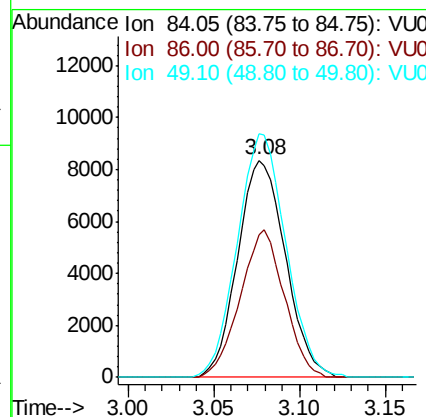
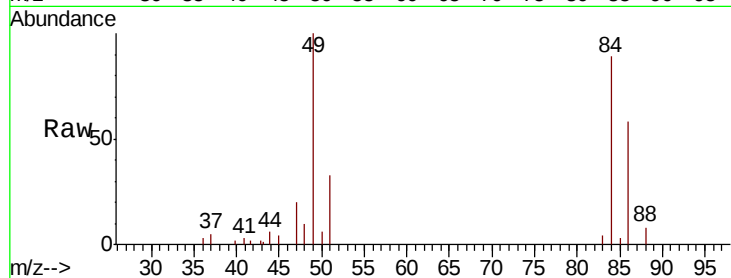




#16
Methvlene chloride
Concen: 0.762 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038639.D
Acq: 07 Jun 2020 00:58

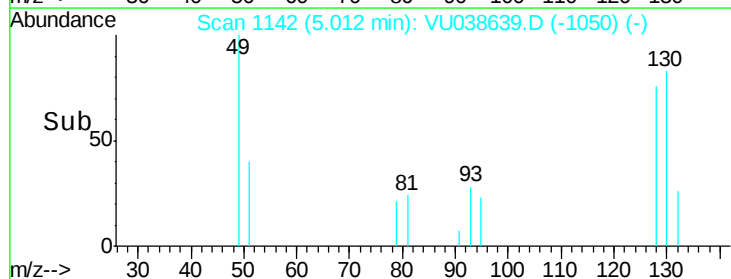
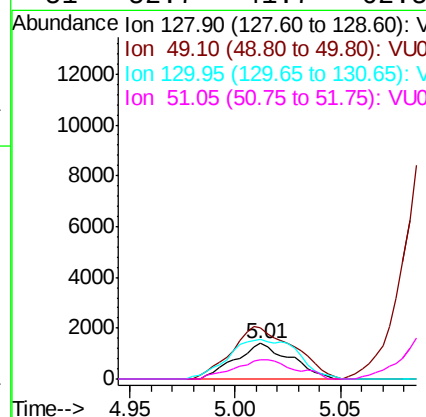
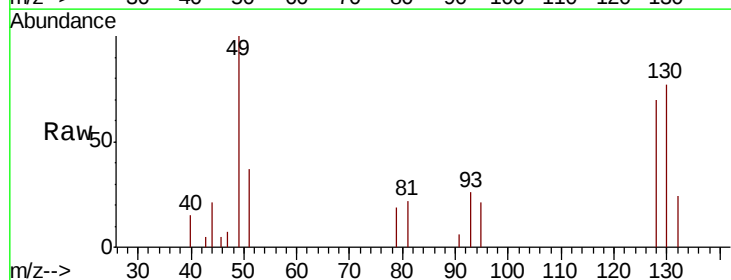
Instrument :
MSVOA_U
ClientSampleId :
F9D01

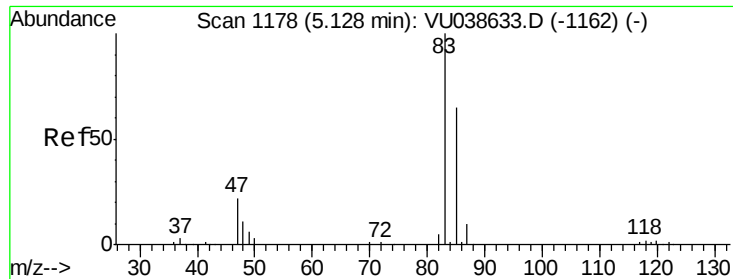
Tot Ion: 84 Resp: 16068
Ion Ratio Lower Upper
84 100
86 65.7 45.0 83.6
49 112.3 85.5 158.9



#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

Tgt 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

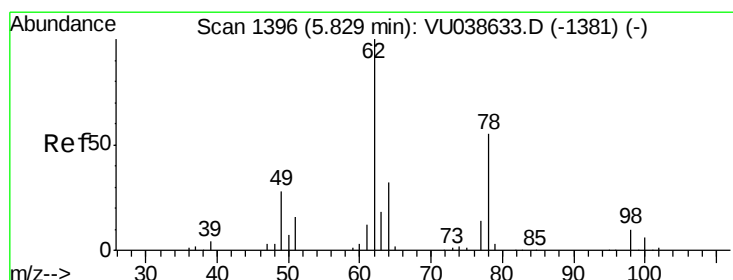
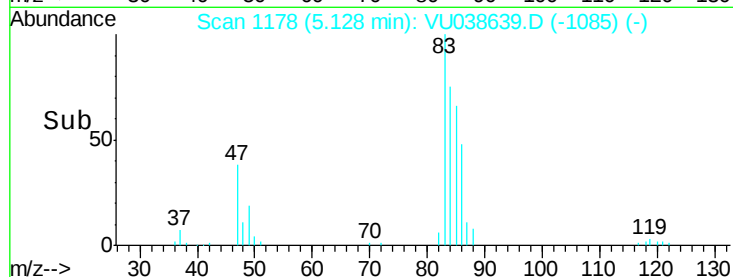
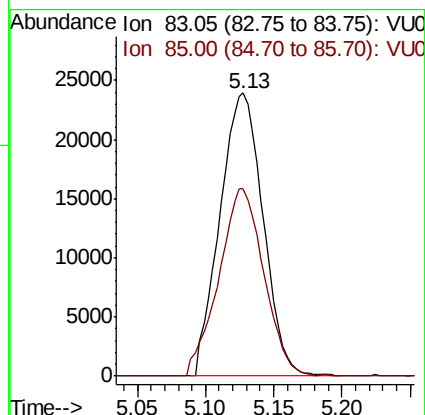
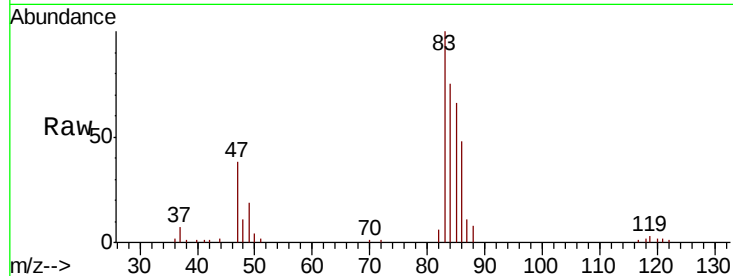




#25
Chloroform
Concen: 1.441 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU038633.D
Acq: 07 Jun 2020 00:58

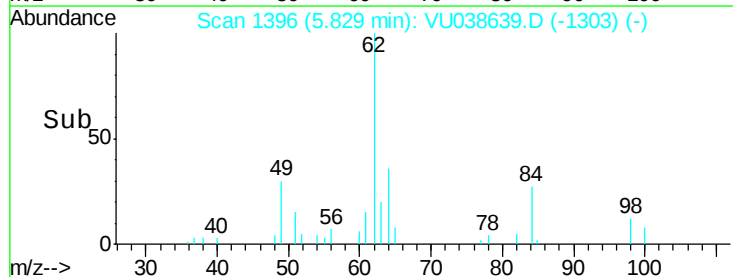
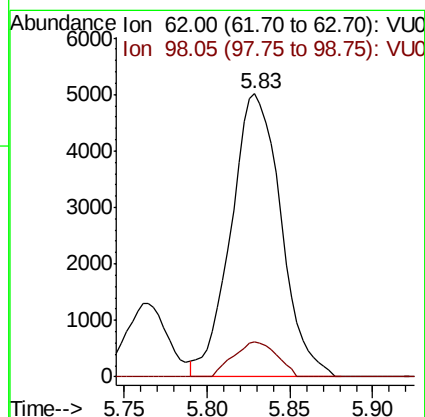
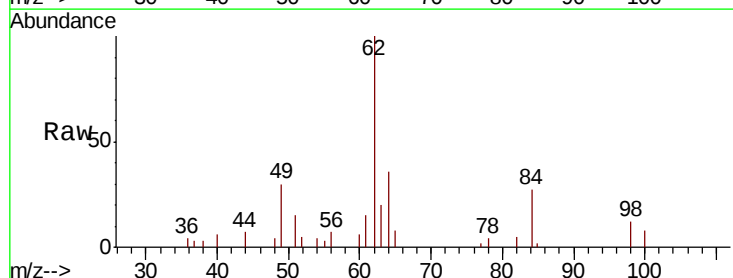
Instrument :
MSVOA_U
ClientSampleId :
F9D01

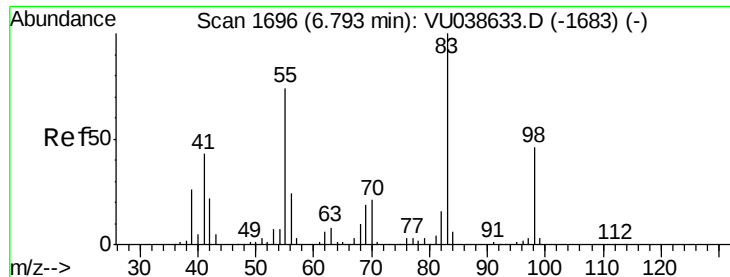
Tot Ion: 83 Resp: 52582
Ion Ratio Lower Upper
83 100
85 66.0 44.9 83.5



#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

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

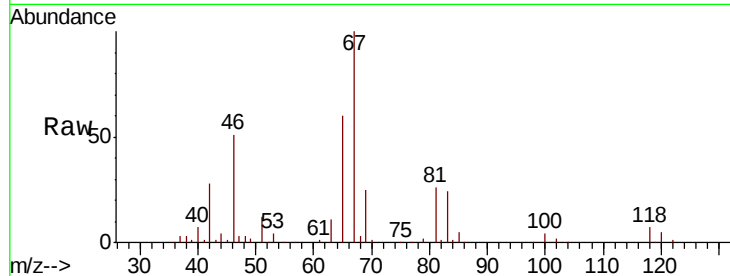




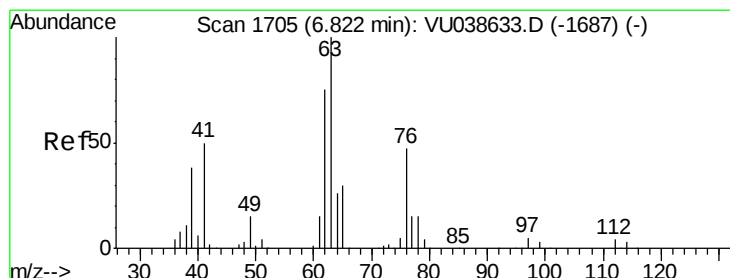
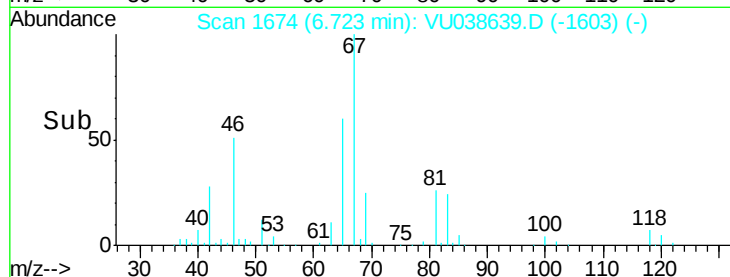
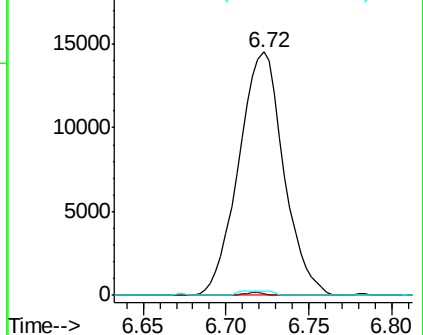
#35
Methvlcvclohexane
Concen: 0.804 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038639.D
Acq: 07 Jun 2020 00:58

Instrument :
MSVOA_U
ClientSampleId :
F9D01

Tot Ion: 83 Resp: 27370
Ion Ratio Lower Upper
83 100
55 0.5 63.4 95.2#
98 1.3 39.0 58.4#

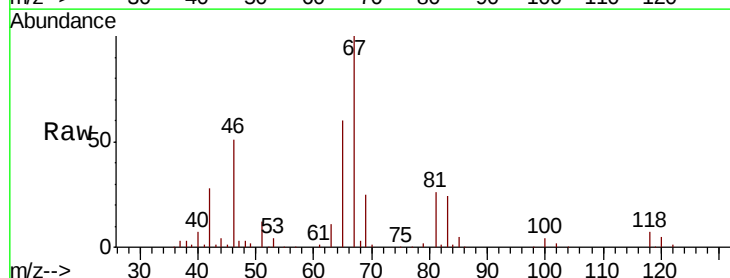


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

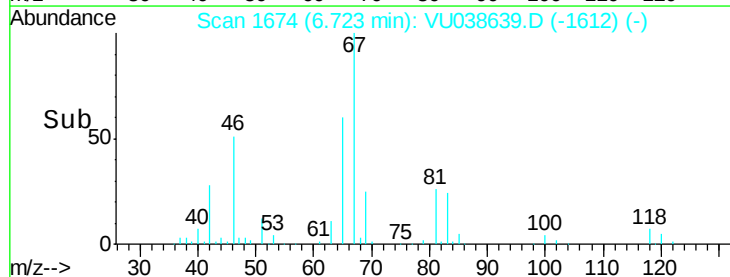
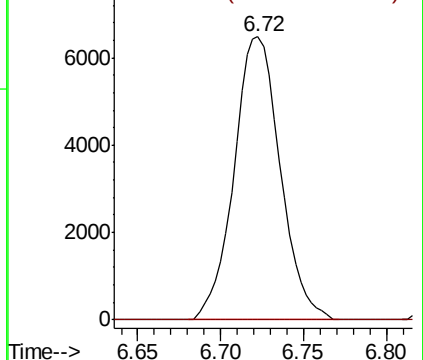


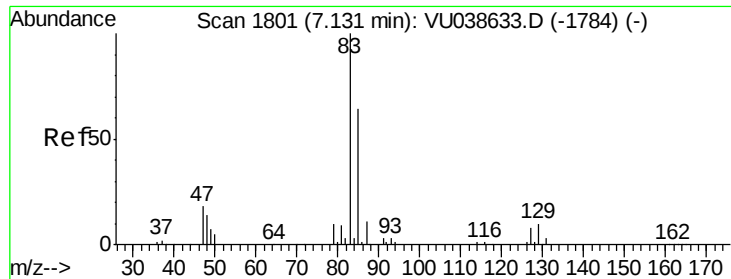
#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038639.D
Acq: 07 Jun 2020 00:58

Tgt Ion: 63 Resp: 12562
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

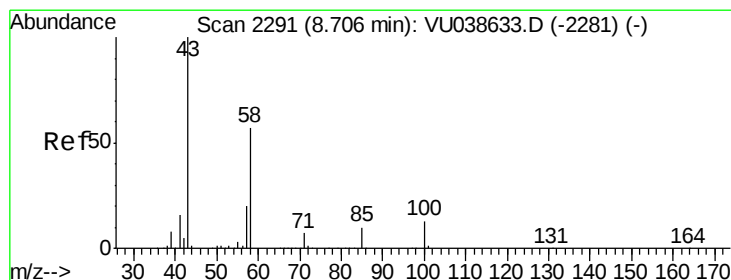
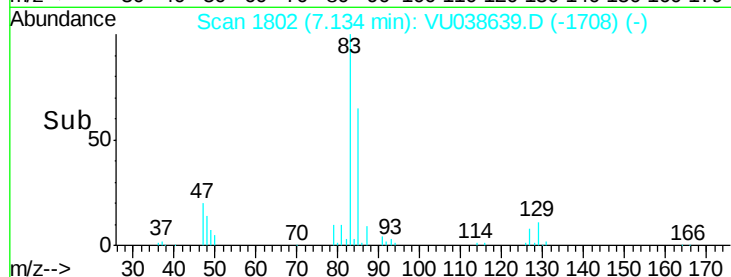
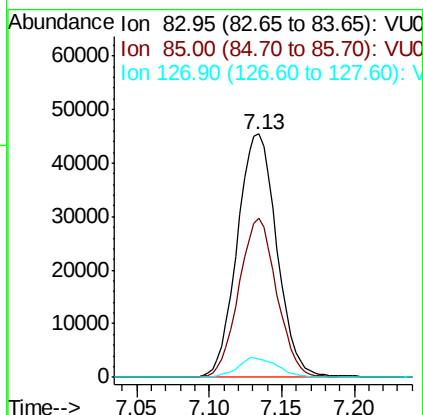
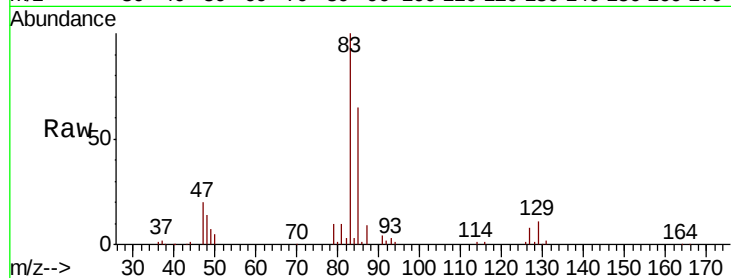




#38
 Bromodichloromethane
 Concen: 3.266 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU038639.D
 Acq: 07 Jun 2020 00:58

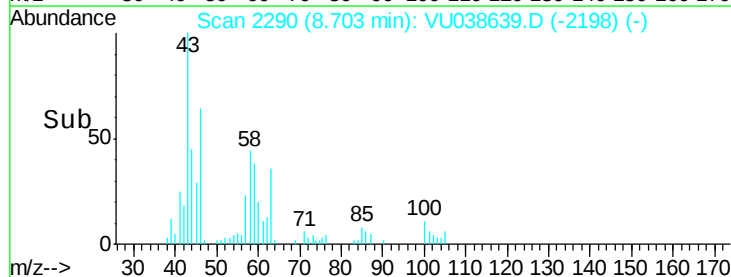
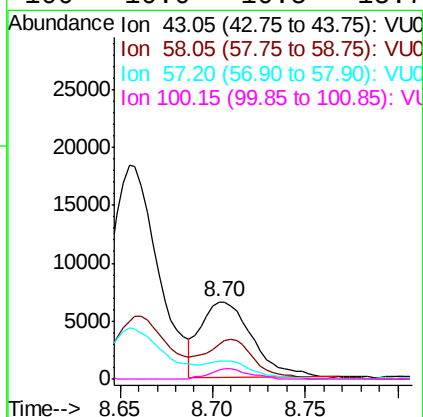
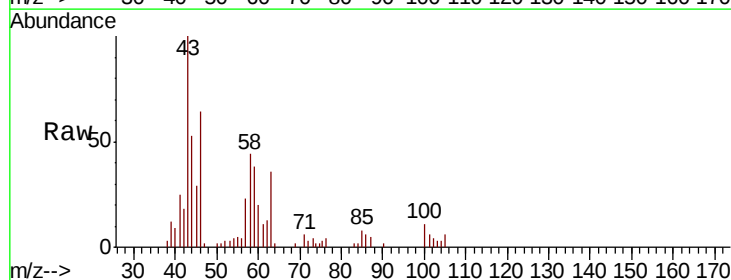
Instrument :
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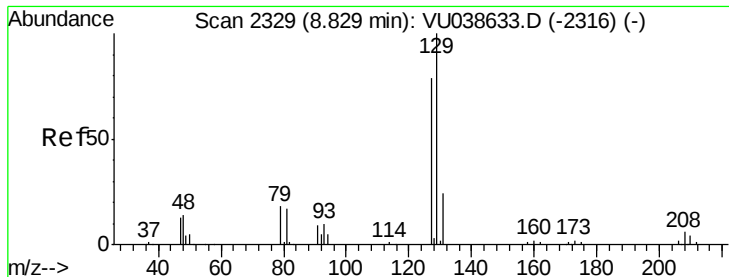
Tot Ion: 83 Resp: 86417
 Ion Ratio Lower Upper
 83 100
 85 65.2 44.7 83.1
 127 7.7 6.8 10.2



#48
 2-Hexanone
 Concen: 1.096 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU038639.D
 Acq: 07 Jun 2020 00:58

Tgt Ion: 43 Resp: 12650
 Ion Ratio Lower Upper
 43 100
 58 46.7 45.4 68.0
 57 20.9 15.9 23.9
 100 10.0 10.5 15.7#





#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 :

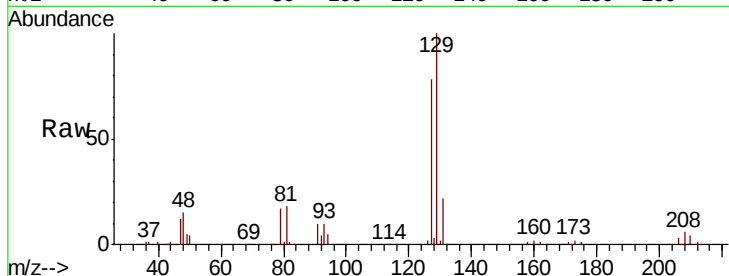
F9D01

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

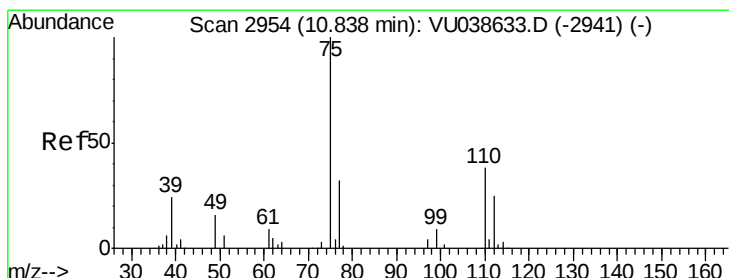
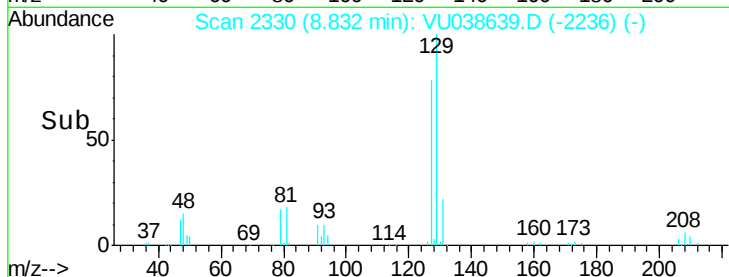
30000

20000

10000

0

Time--> 8.75 8.80 8.85 8.90



#59

1,2,3-Trichloropropane

Concen: 1.183 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038639.D

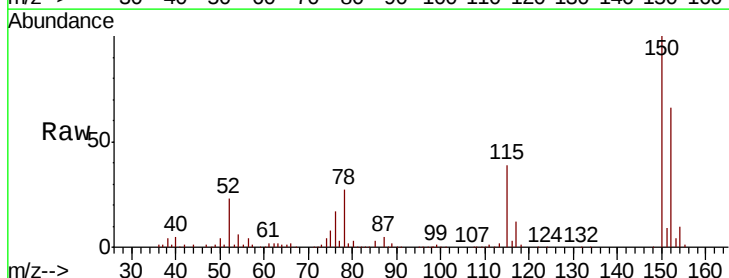
Acq: 07 Jun 2020 00:58

Tgt Ion: 75 Resp: 18808

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

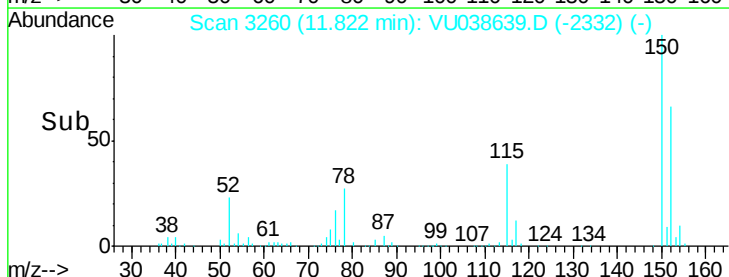
11.82

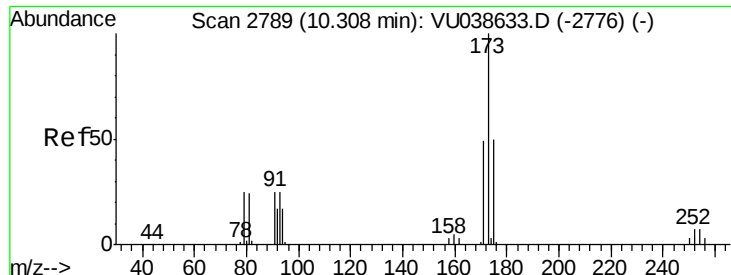
10000

5000

0

Time--> 11.75 11.80 11.85





#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

Instrument :

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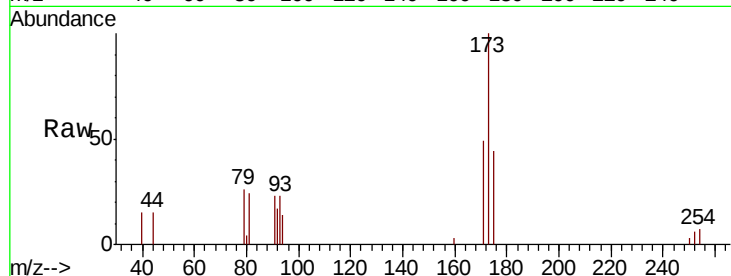
Tot Ion:173 Resp: 6859

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

