

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038452.D
 Acq On : 31 May 2020 07:00
 Operator : JC/MD
 Sample : L2788-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 06:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	305725	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	299349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	141491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91581	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	77619	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.59	63	141583	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.69	46	363940	60.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.10%
24) Chloroform-d	5.10	84	191226	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	116024	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.76	84	386680	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.72	67	117700	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.92	98	315765	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.20	79	45538	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.66	63	305162	62.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105591	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	130231	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

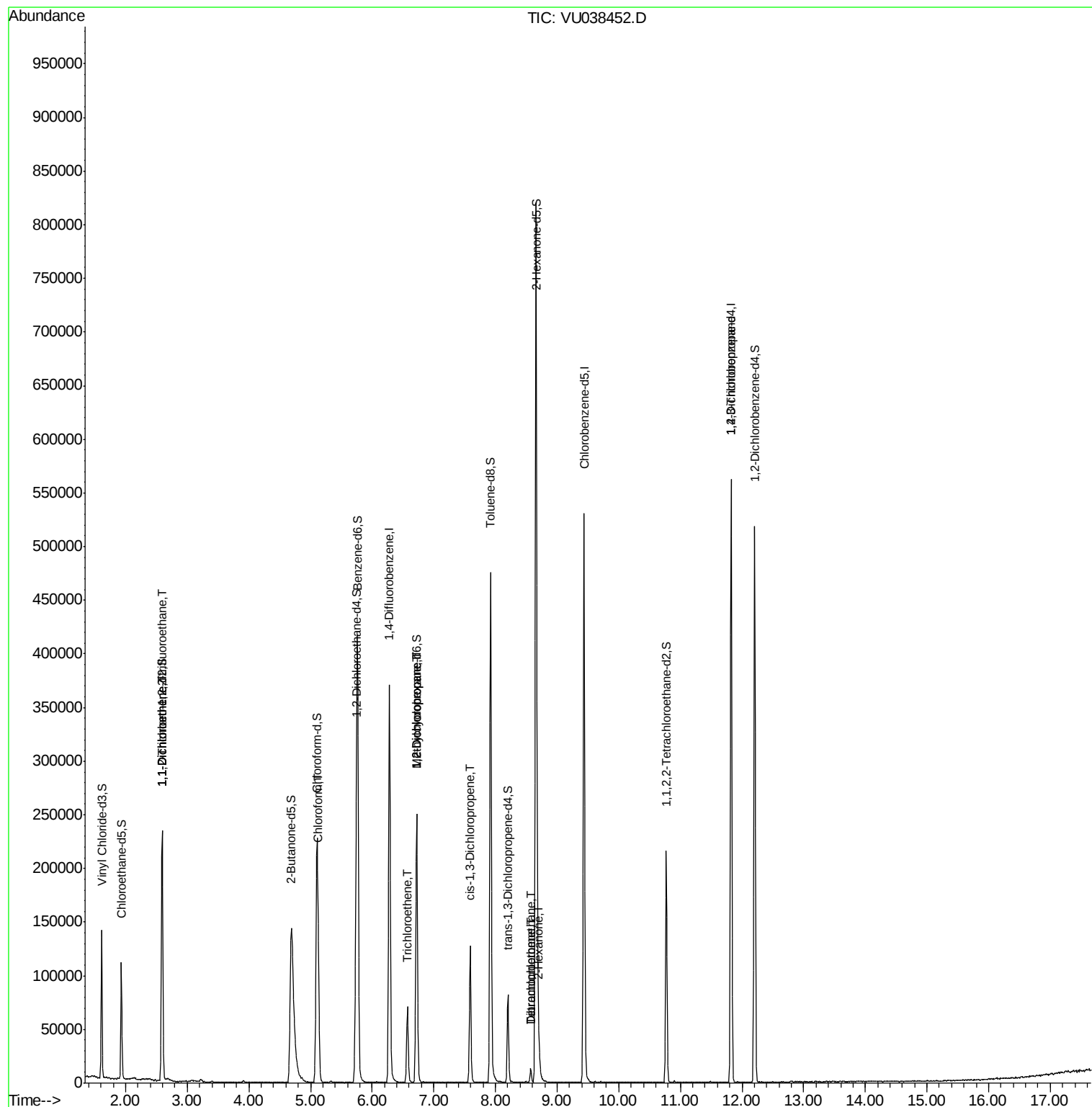
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2776	0.150	ug/L #	49
12) 1,1-Dichloroethene	2.59	96	1164	0.062	ug/L #	1
25) Chloroform	5.13	83	77366	2.097	ug/L	100
34) Trichloroethene	6.57	95	23177	1.070	ug/L	98
35) Methylcyclohexane	6.72	83	29187	0.870	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12988	0.618	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3172	0.102	ug/L #	57
47) Tetrachloroethene	8.57	164	2910	0.185	ug/L	87
48) 2-Hexanone	8.71	43	14204	1.249	ug/L #	91
49) Dibromochloromethane	8.57	129	2990	0.175	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17947	1.145	ug/L #	85

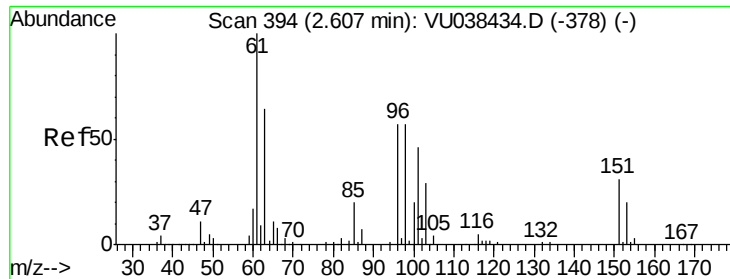
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.150 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038452.D

Acq: 31 May 2020 07:00

Instrument :

MSVOA_U

ClientSampleId :

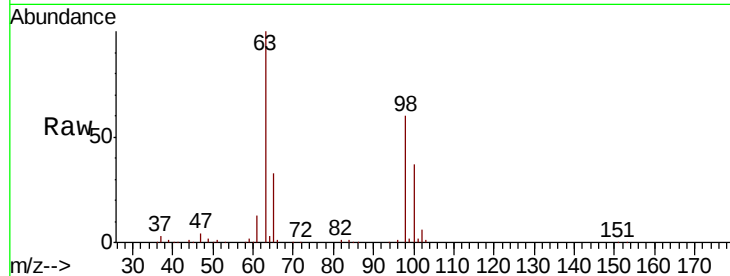
Tot Ion:101 Resp: 2776

Ion Ratio Lower Upper

101 100

85 14.4 34.0 51.0#

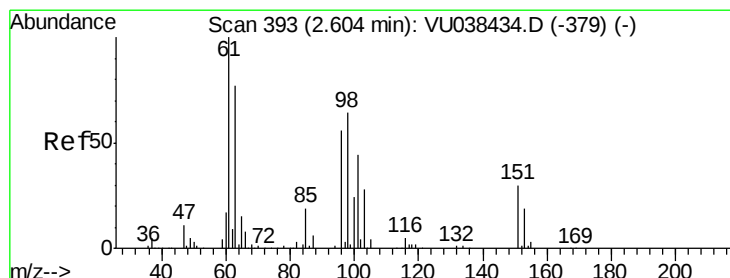
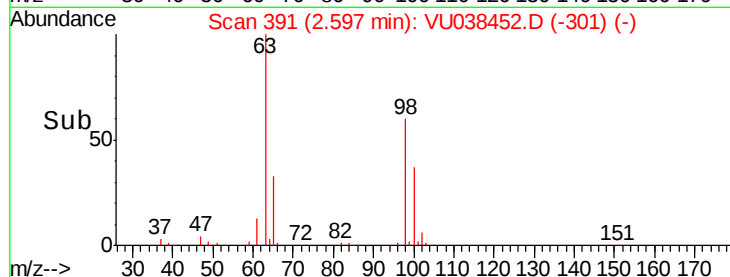
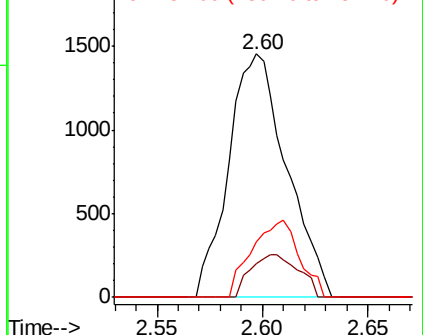
151 26.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038452.D

Acq: 31 May 2020 07:00

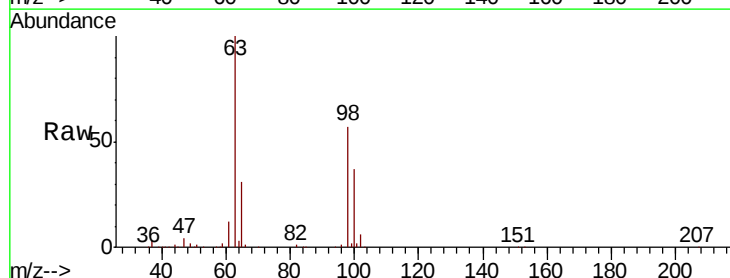
Tgt Ion: 96 Resp: 1164

Ion Ratio Lower Upper

96 100

61 1516.3 119.9 222.7#

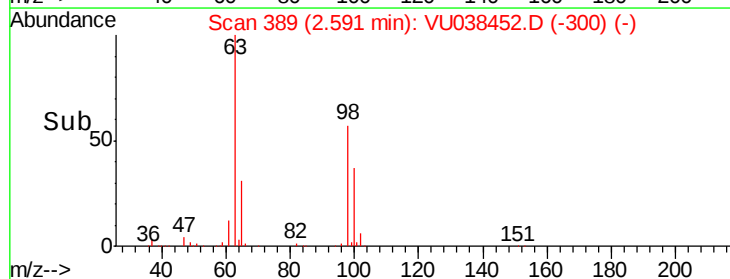
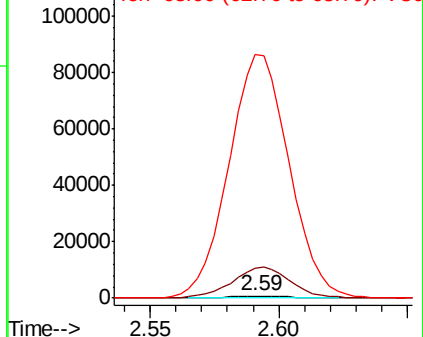
63 12254.2 89.9 167.0#

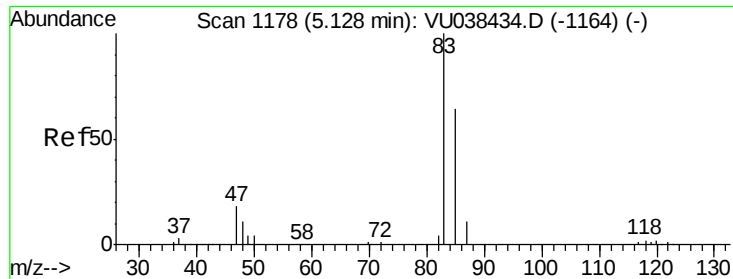


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

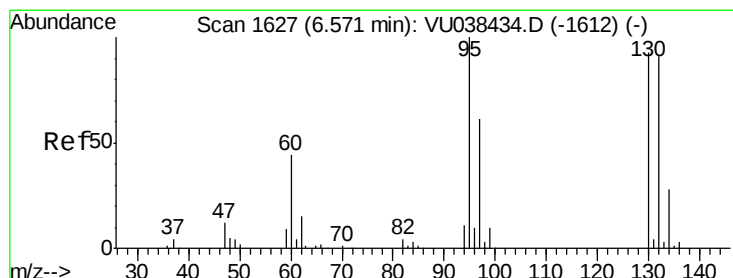
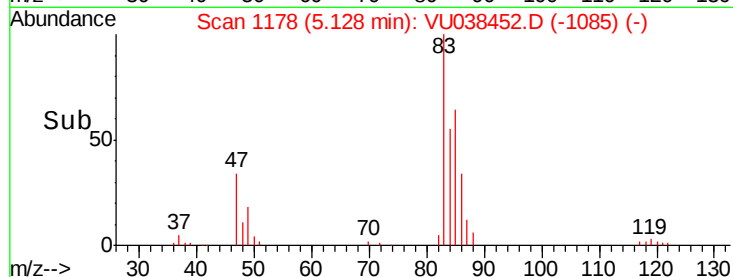
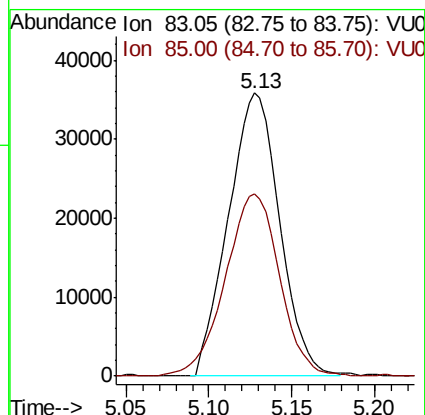
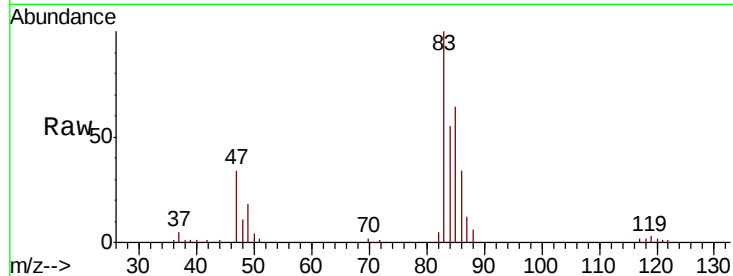




#25
Chloroform
Concen: 2.097 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038452.D
Acq: 31 May 2020 07:00

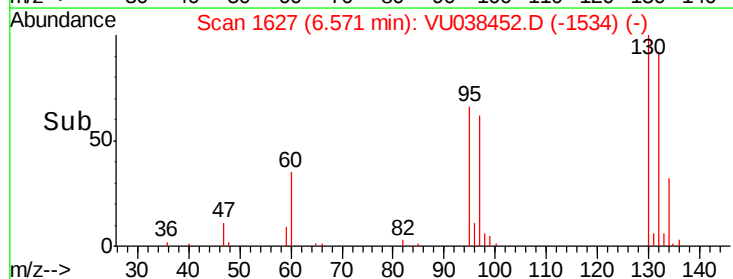
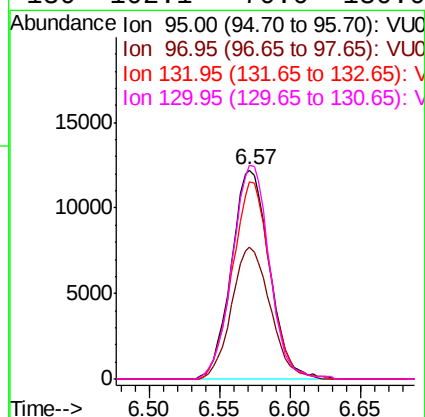
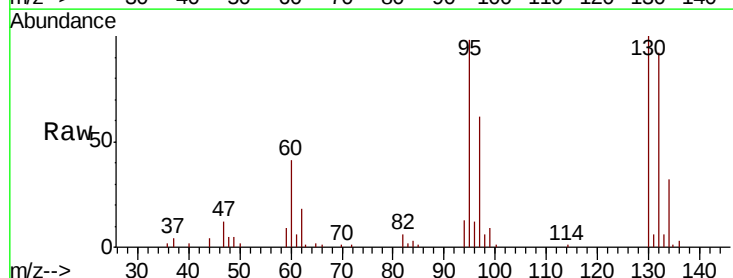
Instrument :
MSVOA_U
ClientSampleId :

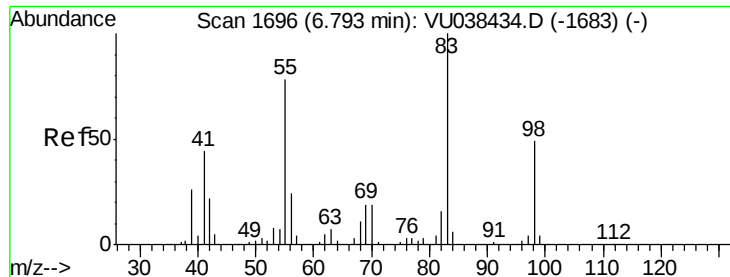
Tot Ion: 83 Resp: 77366
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5



#34
Trichloroethene
Concen: 1.070 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038452.D
Acq: 31 May 2020 07:00

Tgt Ion: 95 Resp: 23177
Ion Ratio Lower Upper
95 100
97 63.0 46.8 87.0
132 94.3 66.1 122.7
130 102.1 70.0 130.0

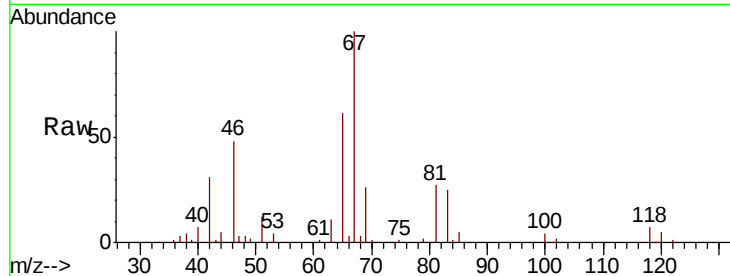




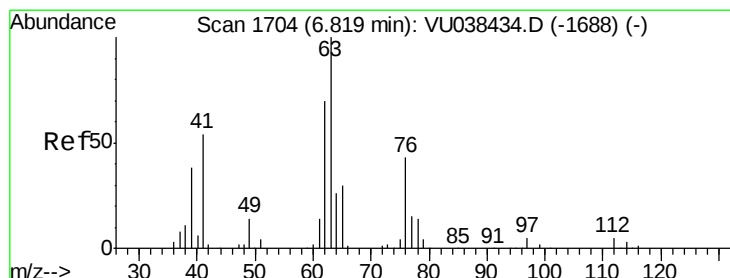
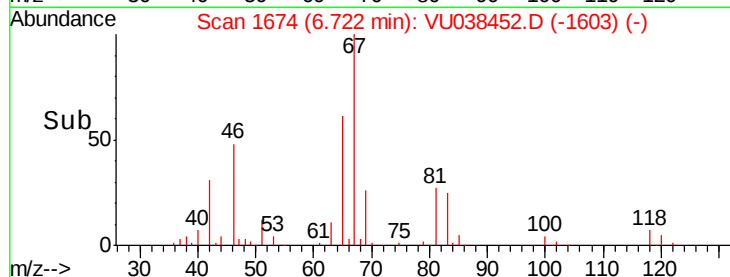
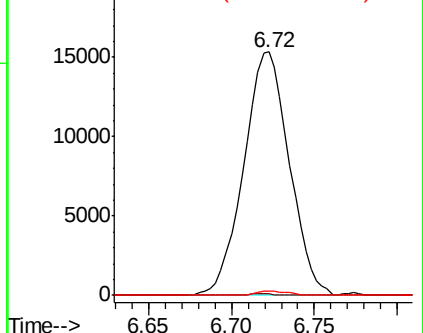
#35
Methvlcvclohexane
Concen: 0.870 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038452.D
Acq: 31 May 2020 07:00

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	83.15	Resp	29187
Ion Ratio	Lower	Upper	
83	100		
55	0.3	63.4	95.2#
98	1.2	39.0	58.4#

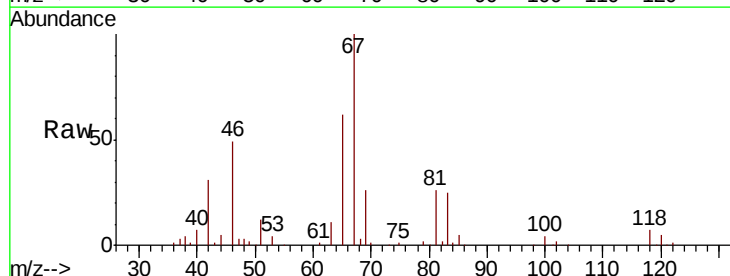


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

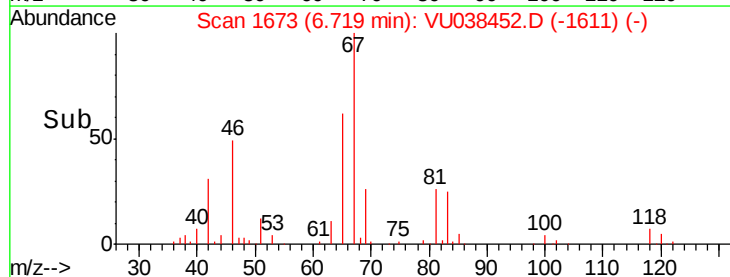
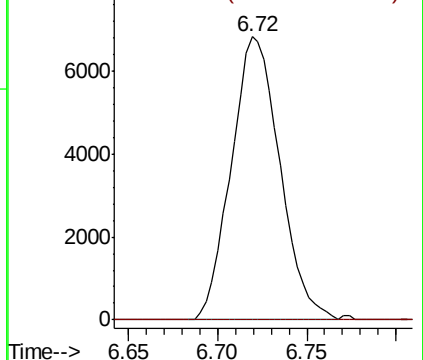


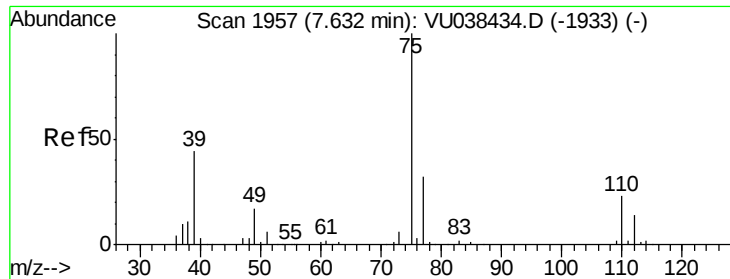
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038452.D
Acq: 31 May 2020 07:00

Tgt Ion	63.10	Resp	12988
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

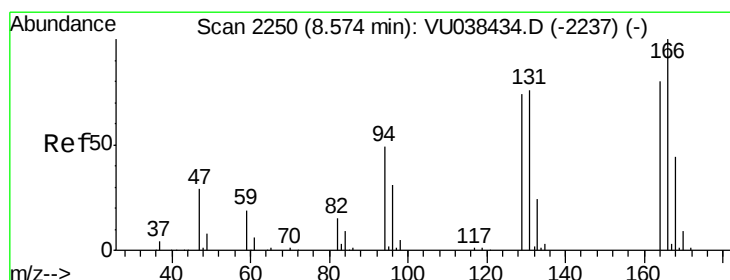
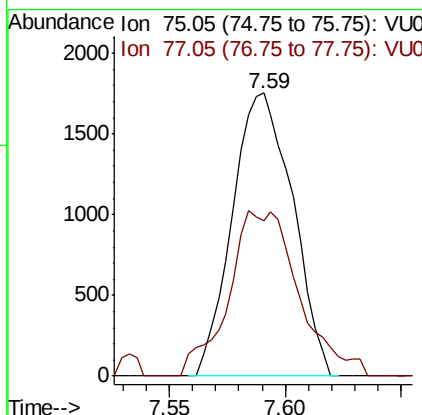
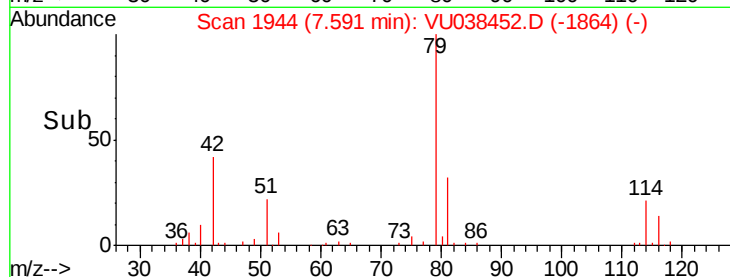
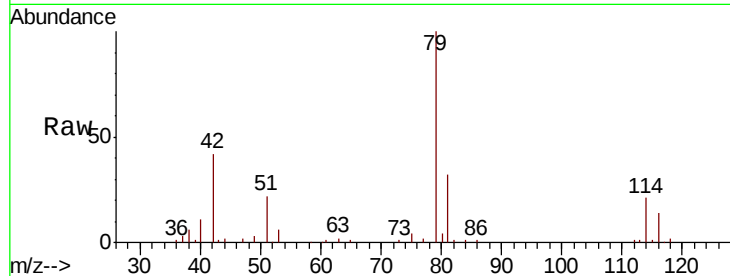




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038452.D
 Acq: 31 May 2020 07:00

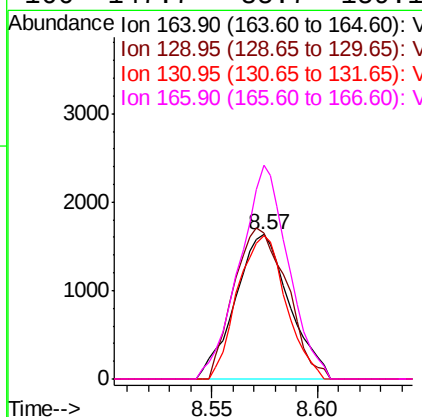
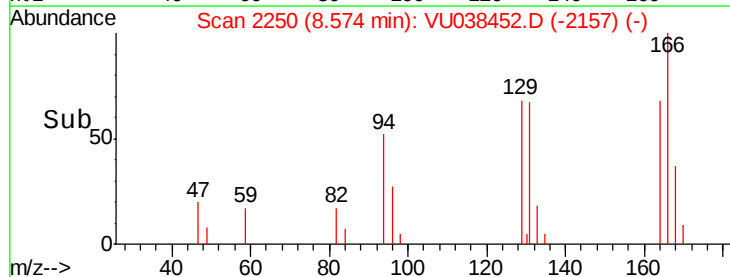
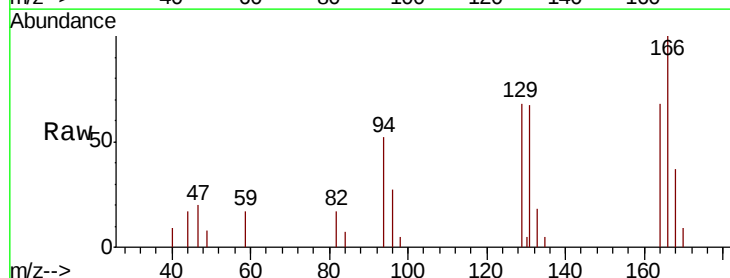
Instrument :
 MSVOA_U
 ClientSampled :

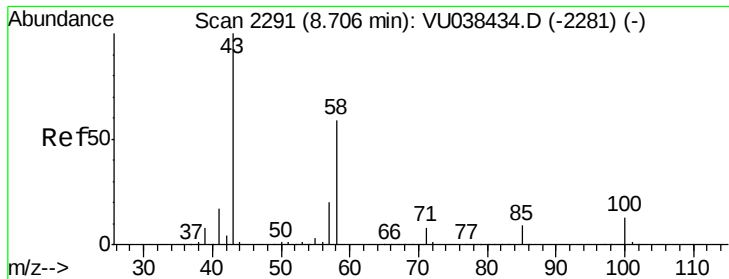
Tot Ion: 75 Resp: 3172
 Ion Ratio Lower Upper
 75 100
 77 55.1 21.9 40.7#



#47
 Tetrachloroethene
 Concen: 0.185 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038452.D
 Acq: 31 May 2020 07:00

Tgt Ion: 164 Resp: 2910
 Ion Ratio Lower Upper
 164 100
 129 100.7 67.4 125.2
 131 99.1 64.1 119.1
 166 147.7 85.7 159.1

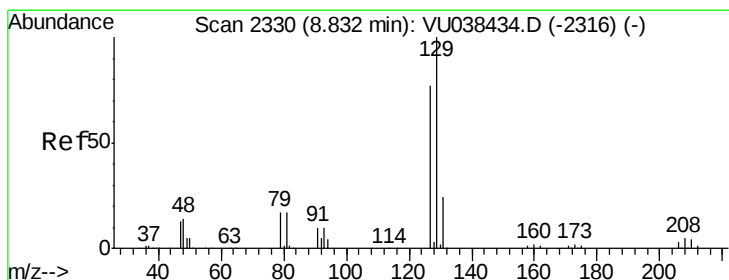
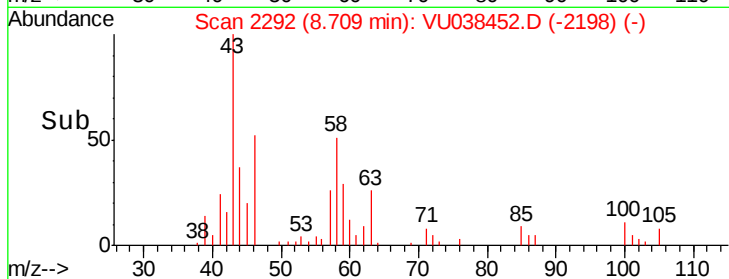
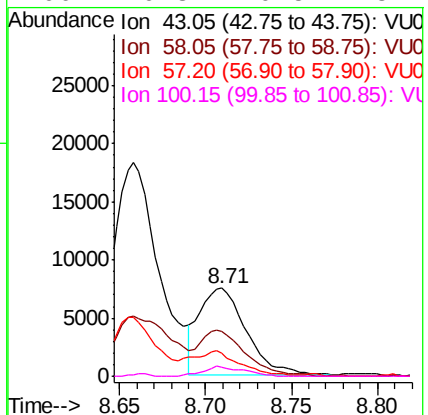
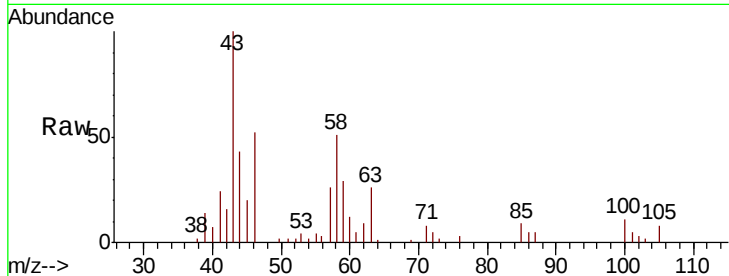




#48
2-Hexanone
Concen: 1.249 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038452.D
Acq: 31 May 2020 07:00

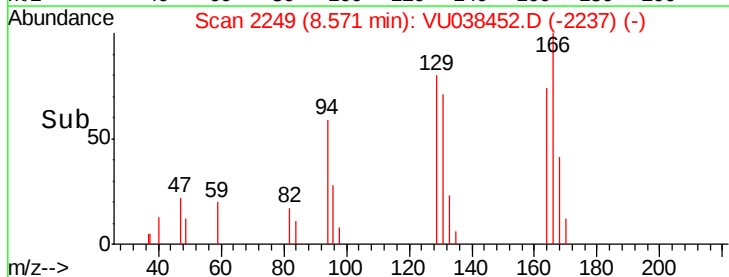
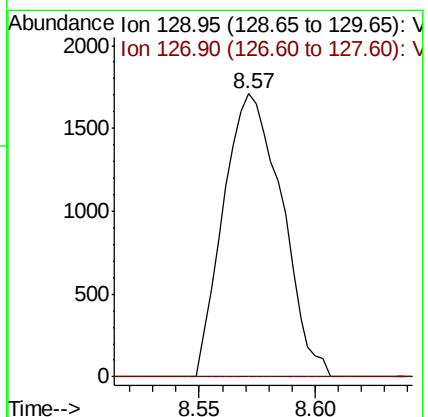
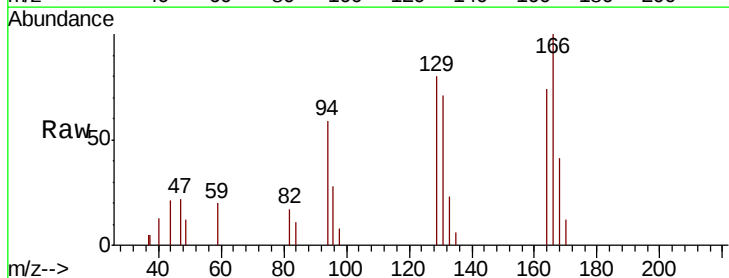
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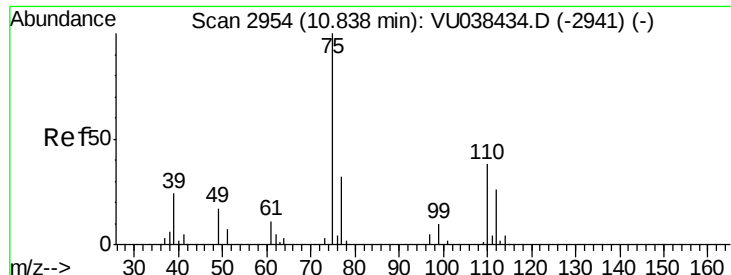
Tot Ion: 43 Resp: 14204
Ion Ratio Lower Upper
43 100
58 52.6 45.4 68.0
57 28.2 15.9 23.9#
100 10.3 10.5 15.7#



#49
Dibromochloromethane
Concen: 0.175 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU038452.D
Acq: 31 May 2020 07:00

Tgt Ion: 129 Resp: 2990
Ion Ratio Lower Upper
129 100
127 0.0 53.3 99.1#





#59

1,2,3-Trichloropropane

Concen: 1.145 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038452.D

Acq: 31 May 2020 07:00

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17947

Ion Ratio Lower Upper

75 100

77 39.9 25.4 38.2#

