

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038451.D
 Acq On : 31 May 2020 06:37
 Operator : JC/MD
 Sample : L2788-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 06:31:40 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	315163	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	306607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145676	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92797	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	77383	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.59	63	134618	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.67	46	352864	56.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.90%
24) Chloroform-d	5.10	84	190652	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	114282	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.76	84	381033	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.72	67	118107	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.92	98	317064	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	46586	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.65	63	302890	60.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105480	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	128863	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

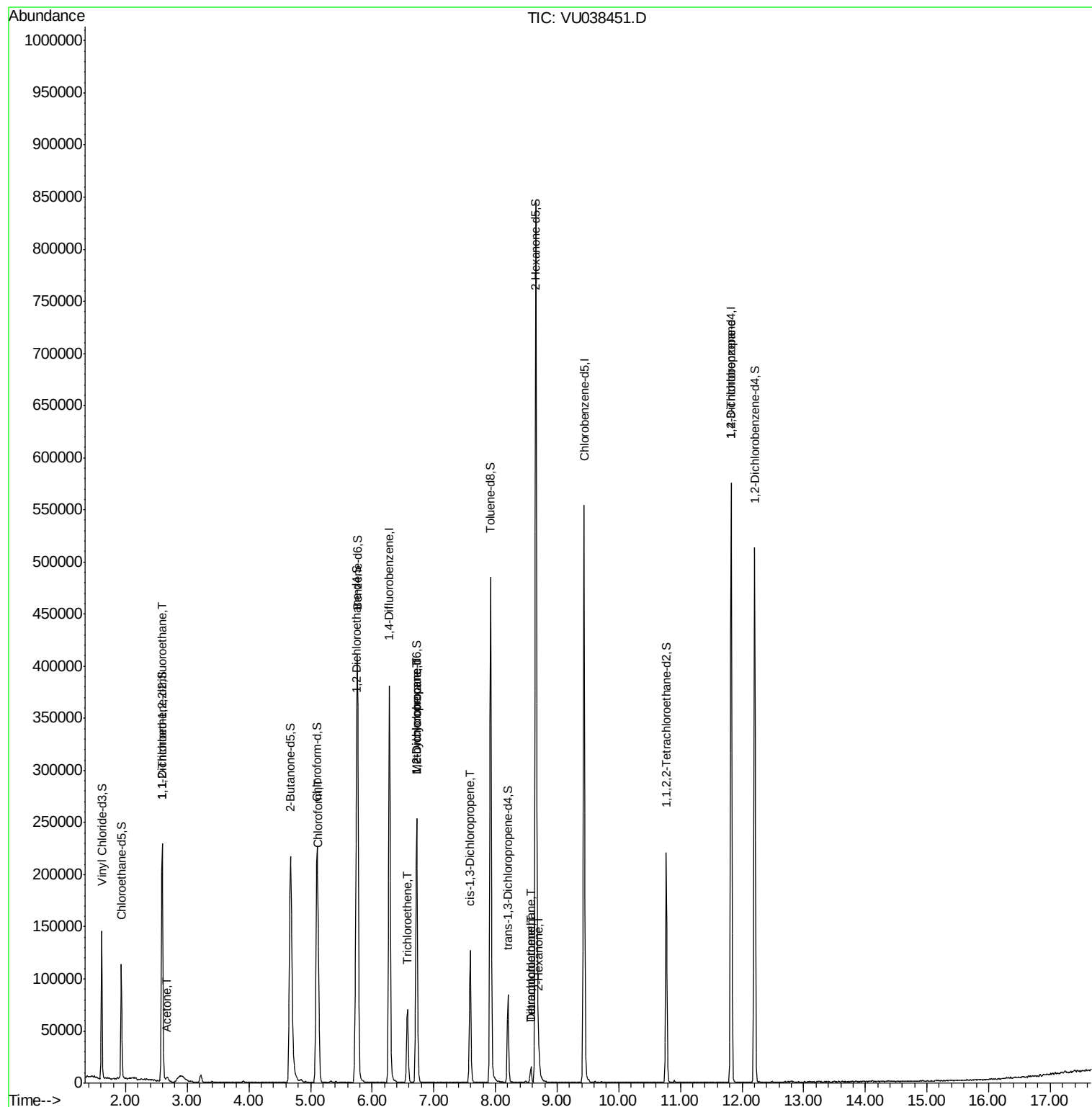
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2511	0.131	ug/L #	54
13) Acetone	2.67	43	7782	1.919	ug/L	97
25) Chloroform	5.13	83	77977	2.051	ug/L	97
34) Trichloroethene	6.57	95	24086	1.085	ug/L	97
35) Methylcyclohexane	6.72	83	28054	0.817	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13298	0.618	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3112	0.098	ug/L #	46
47) Tetrachloroethene	8.58	164	3504	0.217	ug/L	92
48) 2-Hexanone	8.71	43	12470	1.070	ug/L #	87
49) Dibromochloromethane	8.57	129	3122	0.178	ug/L #	11
59) 1,2,3-Trichloropropane	11.82	75	17640	1.098	ug/L #	85

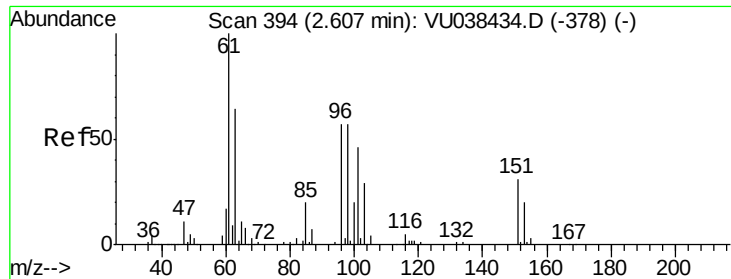
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.131 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038451.D

Acq: 31 May 2020 06:37

Instrument :

MSVOA_U

ClientSampleId :

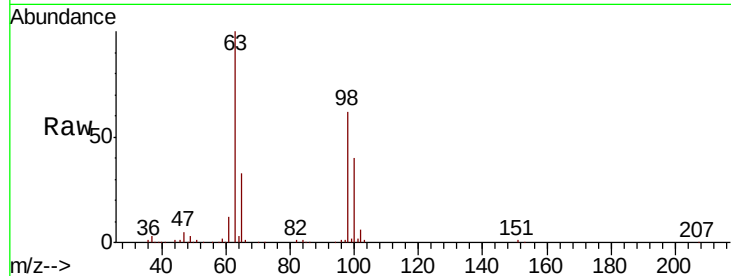
Tot Ion:101 Resp: 2511

Ion Ratio Lower Upper

101 100

85 18.5 34.0 51.0#

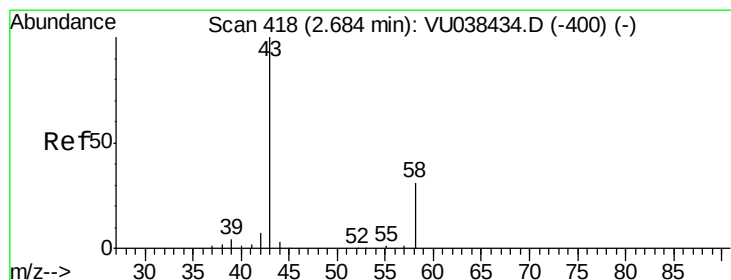
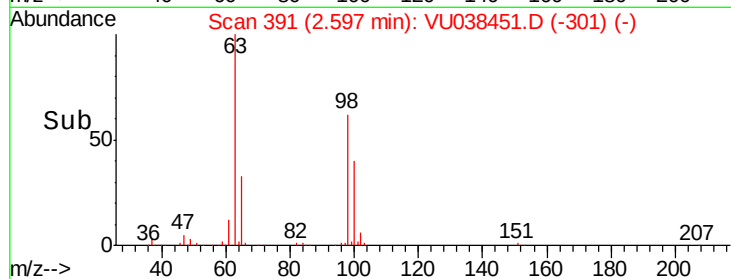
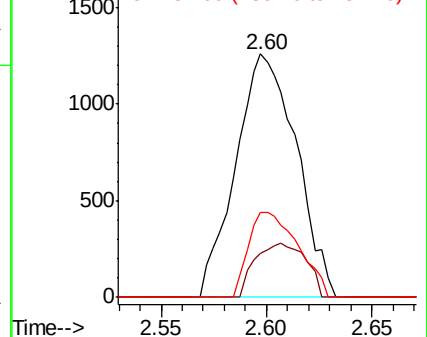
151 28.6 56.9 85.3#



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



#13

Acetone

Concen: 1.919 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038451.D

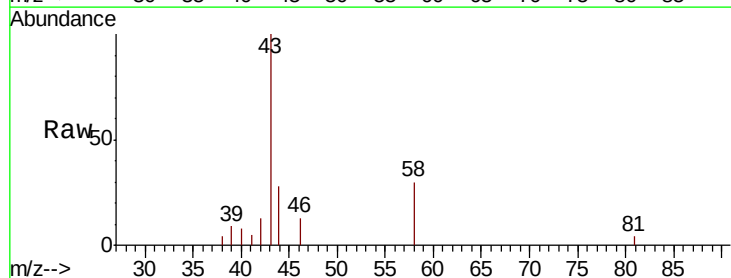
Acq: 31 May 2020 06:37

Tgt Ion: 43 Resp: 7782

Ion Ratio Lower Upper

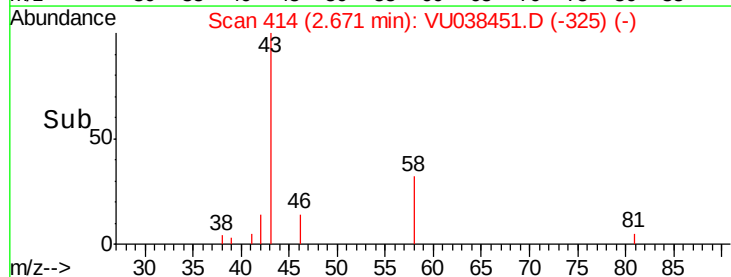
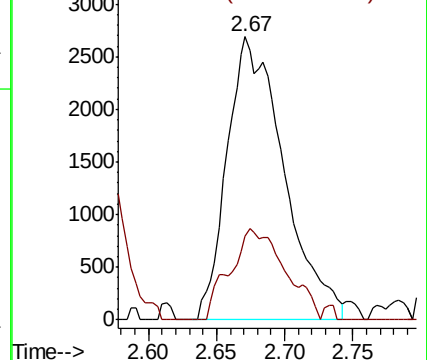
43 100

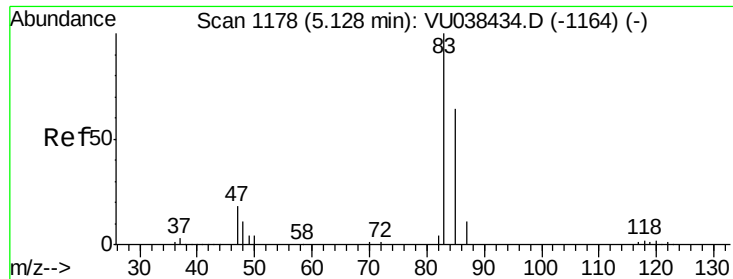
58 31.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

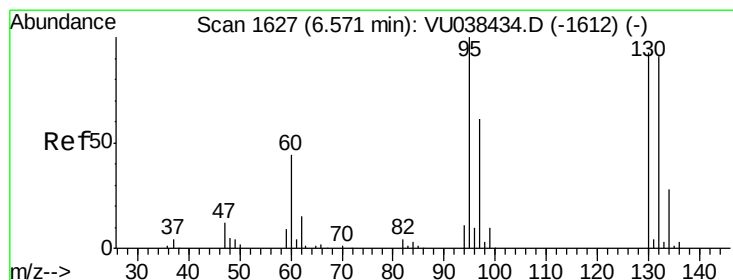
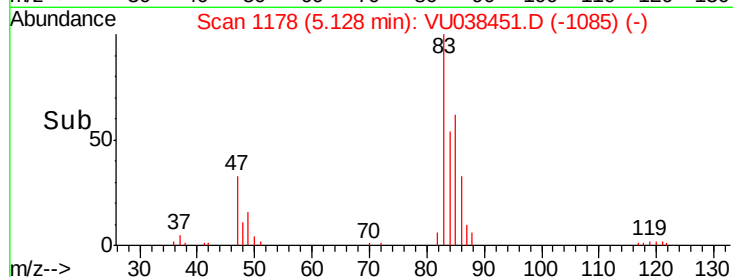
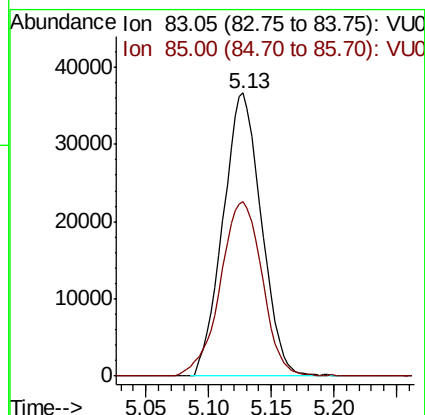
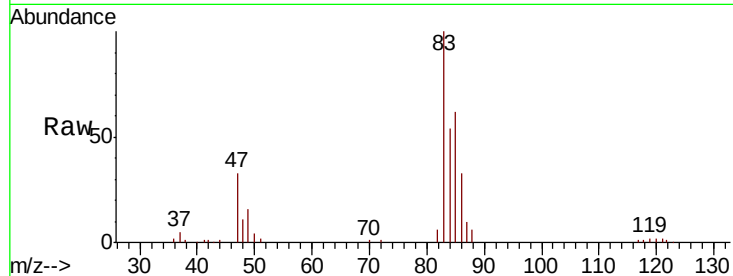




#25
Chloroform
Concen: 2.051 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038451.D
Acq: 31 May 2020 06:37

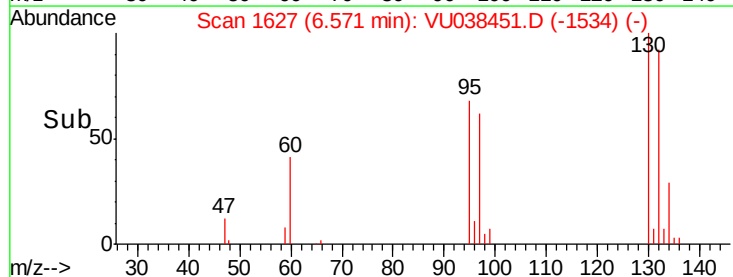
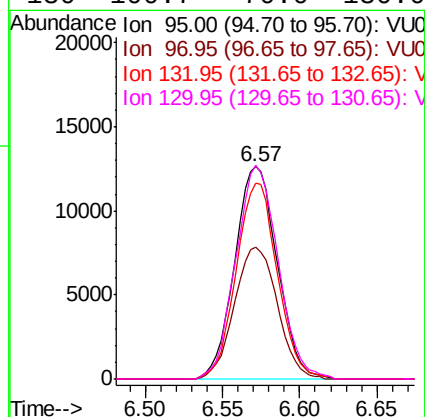
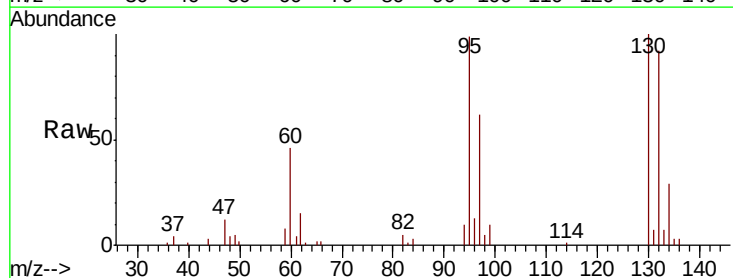
Instrument :
MSVOA_U
ClientSampleId :

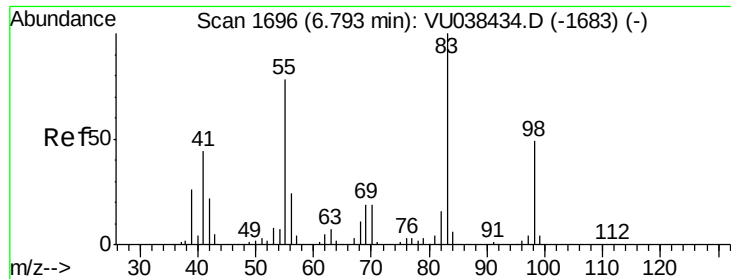
Tot Ion: 83 Resp: 77977
Ion Ratio Lower Upper
83 100
85 61.6 44.9 83.5



#34
Trichloroethene
Concen: 1.085 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038451.D
Acq: 31 May 2020 06:37

Tgt Ion: 95 Resp: 24086
Ion Ratio Lower Upper
95 100
97 62.1 46.8 87.0
132 92.3 66.1 122.7
130 100.7 70.0 130.0

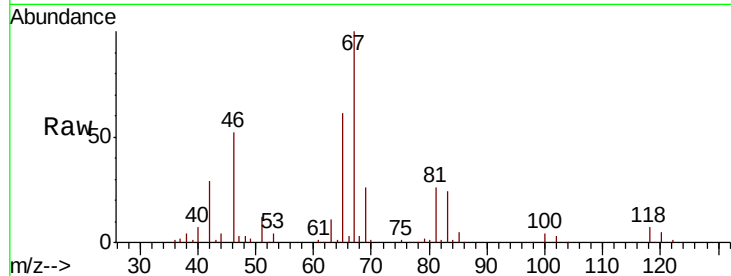




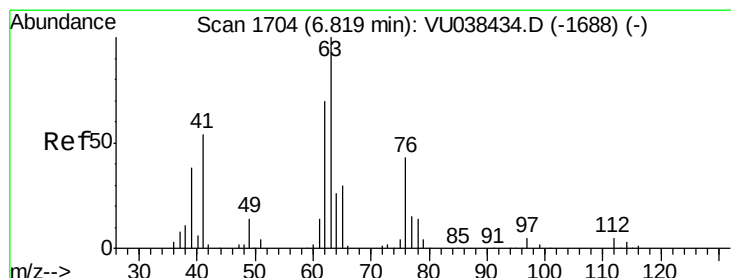
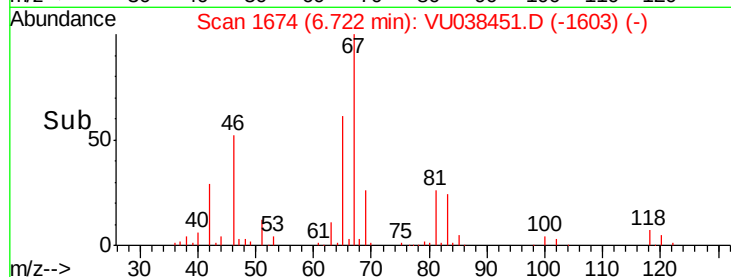
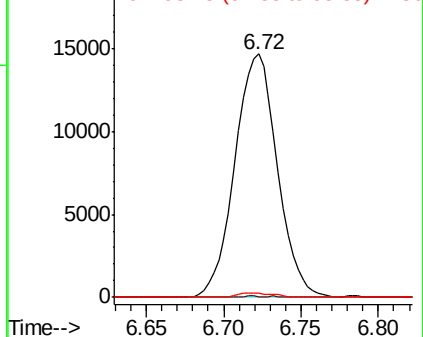
#35
Methylvlcyclohexane
Concen: 0.817 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038451.D
Acq: 31 May 2020 06:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 28054
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 1.5 39.0 58.4#

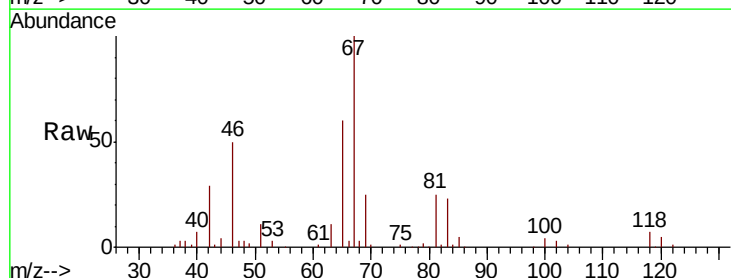


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

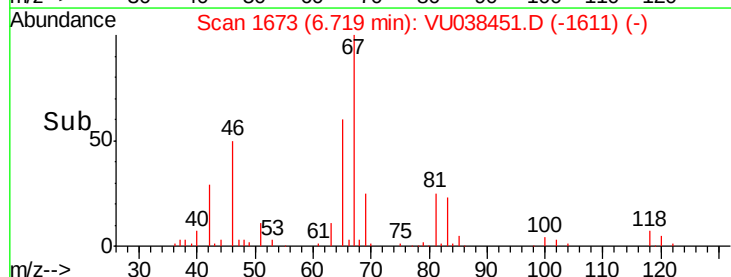
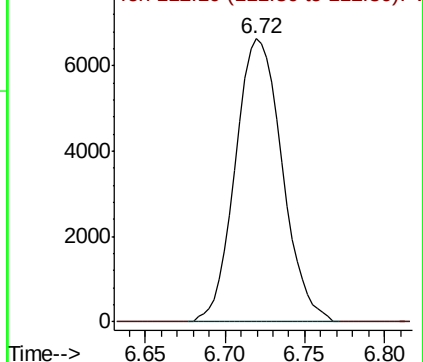


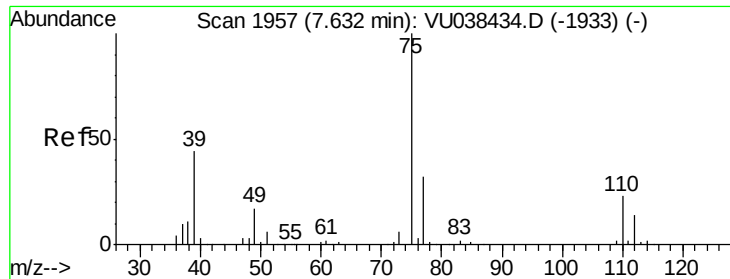
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038451.D
Acq: 31 May 2020 06:37

Tgt Ion: 63 Resp: 13298
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

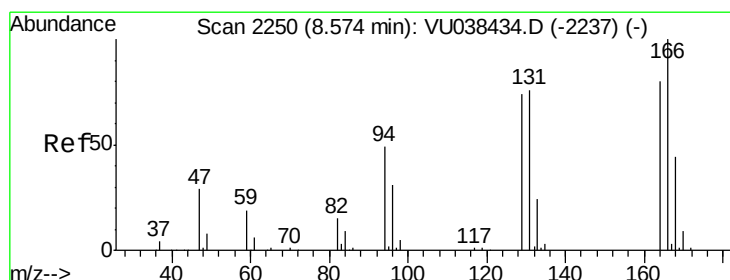
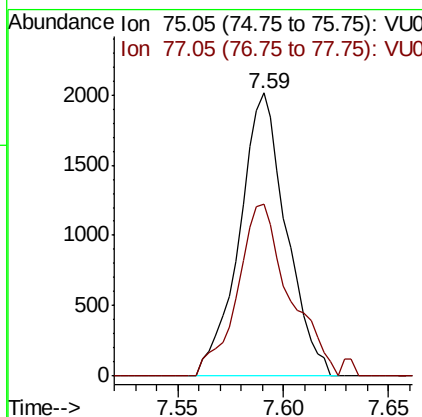
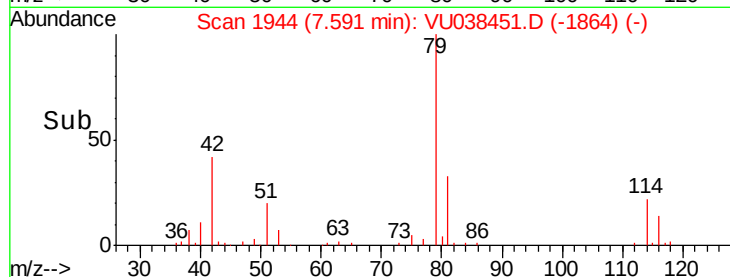
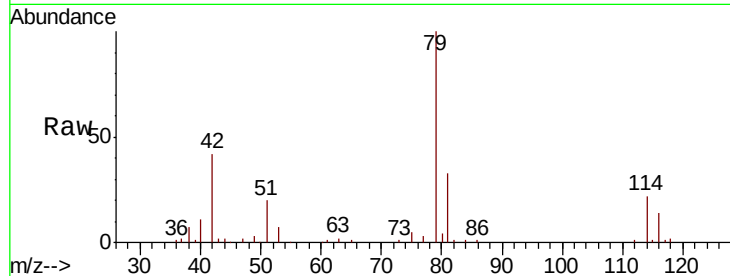




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038451.D
 Acq: 31 May 2020 06:37

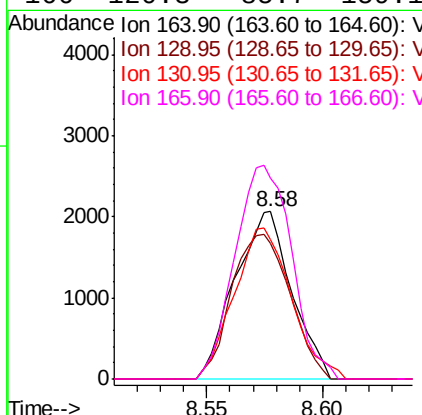
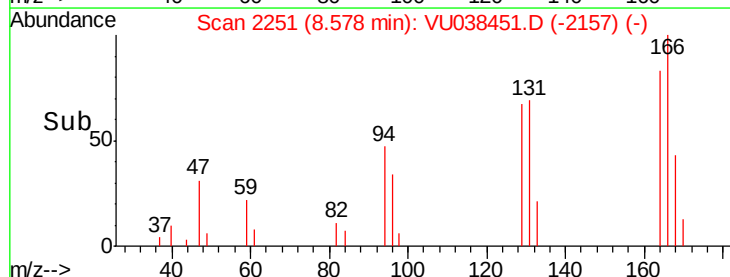
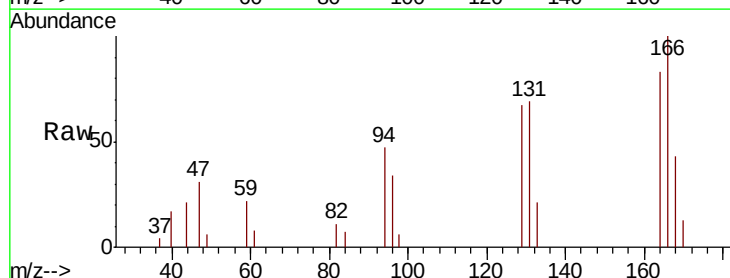
Instrument :
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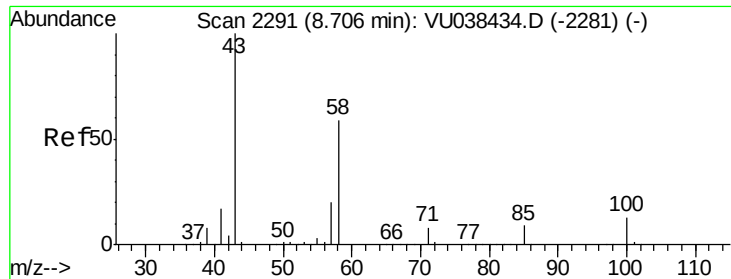
Tot Ion: 75 Resp: 3112
 Ion Ratio Lower Upper
 75 100
 77 61.0 21.9 40.7#



#47
 Tetrachloroethene
 Concen: 0.217 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: VU038451.D
 Acq: 31 May 2020 06:37

Tgt Ion: 164 Resp: 3504
 Ion Ratio Lower Upper
 164 100
 129 81.1 67.4 125.2
 131 83.5 64.1 119.1
 166 120.3 85.7 159.1

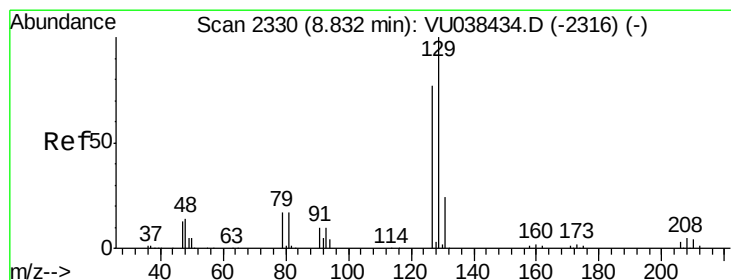
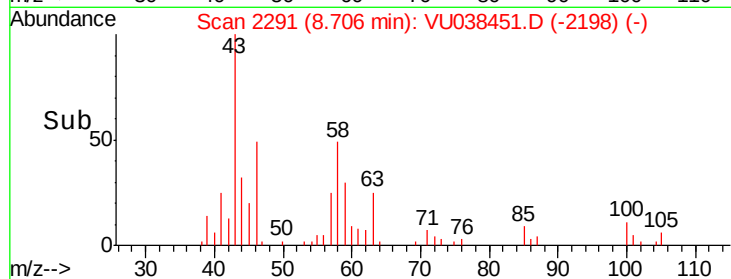
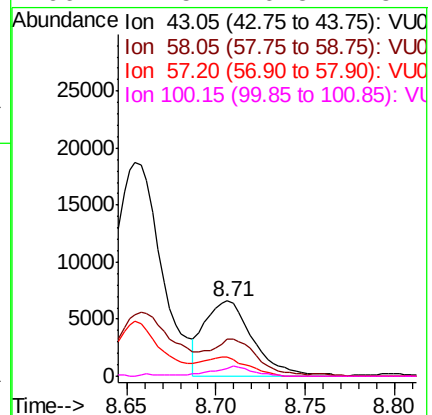
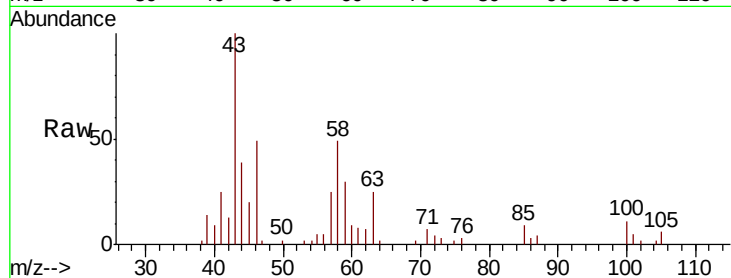




#48
2-Hexanone
Concen: 1.070 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038451.D
Acq: 31 May 2020 06:37

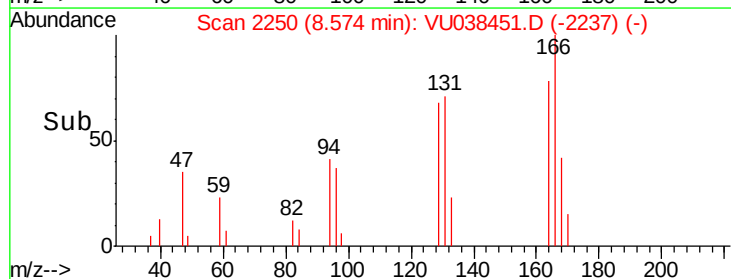
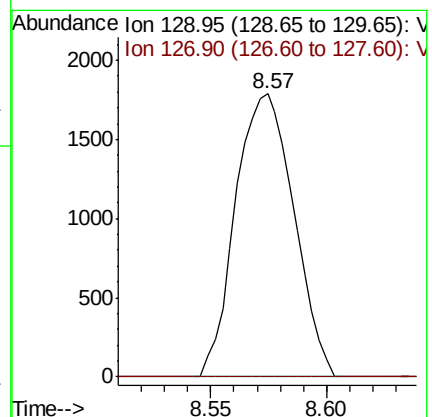
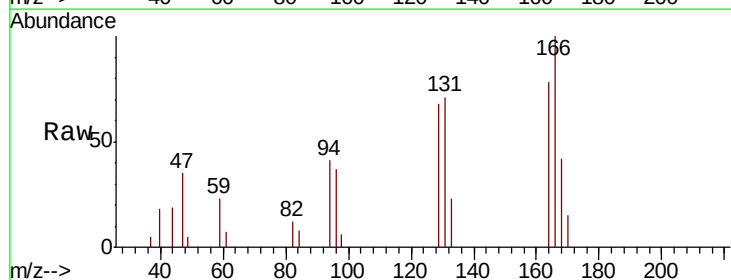
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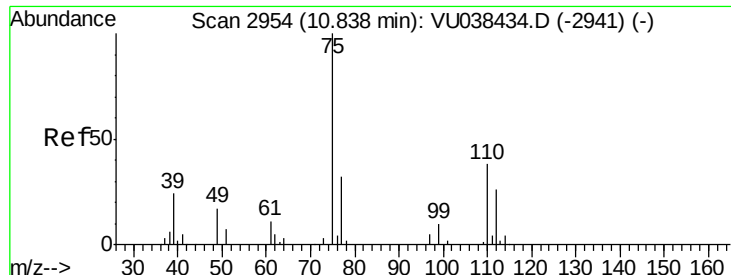
Tot Ion: 43 Resp: 12470
Ion Ratio Lower Upper
43 100
58 44.4 45.4 68.0#
57 23.6 15.9 23.9
100 11.5 10.5 15.7



#49
Dibromochloromethane
Concen: 0.178 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038451.D
Acq: 31 May 2020 06:37

Tgt Ion: 129 Resp: 3122
Ion Ratio Lower Upper
129 100
127 0.0 53.3 99.1#





#59

1,2,3-Trichloropropane

Concen: 1.098 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038451.D

Acq: 31 May 2020 06:37

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17640

Ion Ratio Lower Upper

75 100

77 40.3 25.4 38.2#

