

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038454.D
 Acq On : 31 May 2020 07:46
 Operator : JC/MD
 Sample : L2788-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 06:32:05 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	312122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91273	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	78008	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	144664	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.69	46	378879	61.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.48%
24) Chloroform-d	5.10	84	192929	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.74	65	118895	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	390237	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	121534	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.92	98	322600	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	46325	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.66	63	321200	63.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111491	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	132462	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

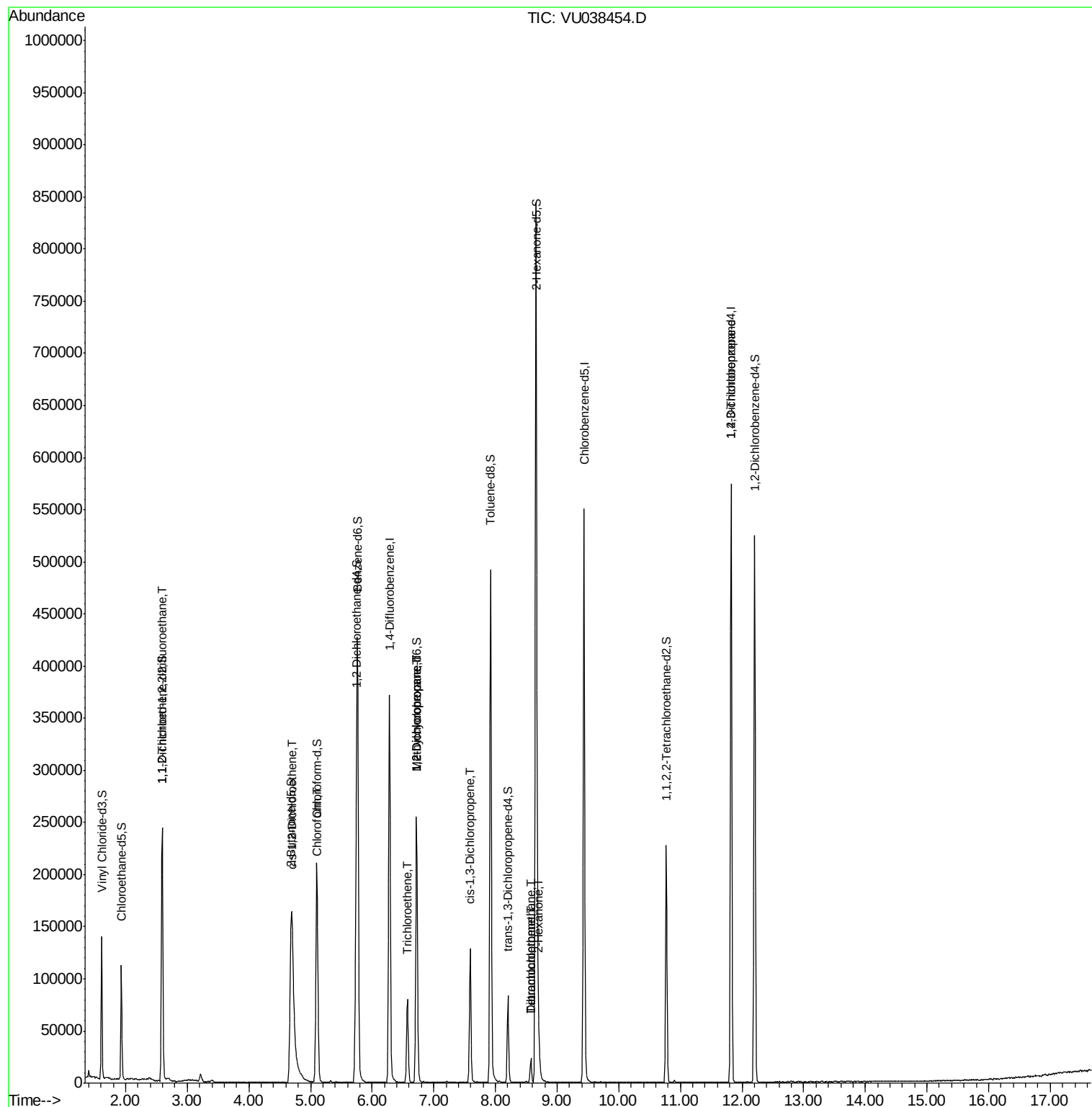
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4892	0.259	ug/L	90
22) cis-1,2-Dichloroethene	4.71	96	13169	0.590	ug/L	91
25) Chloroform	5.12	83	7935	0.211	ug/L	94
34) Trichloroethene	6.57	95	25776	1.143	ug/L	96
35) Methylcyclohexane	6.72	83	28214	0.808	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13444	0.615	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3188	0.099	ug/L #	59
47) Tetrachloroethene	8.57	164	5237	0.320	ug/L	92
48) 2-Hexanone	8.70	43	13595	1.148	ug/L #	95
49) Dibromochloromethane	8.57	129	5302	0.298	ug/L #	11
59) 1,2,3-Trichloropropane	11.82	75	17832	1.093	ug/L #	86

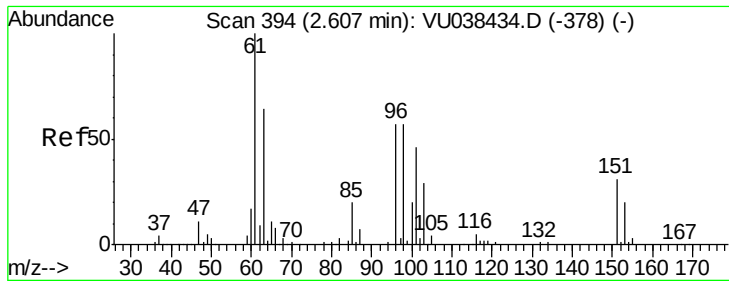
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.259 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038454.D

Acq: 31 May 2020 07:46

Instrument :

MSVOA_U

ClientSampleId :

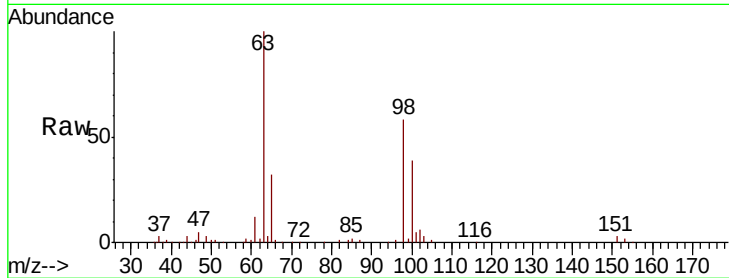
Tot Ion:101 Resp: 4892

Ion Ratio Lower Upper

101 100

85 38.6 34.0 51.0

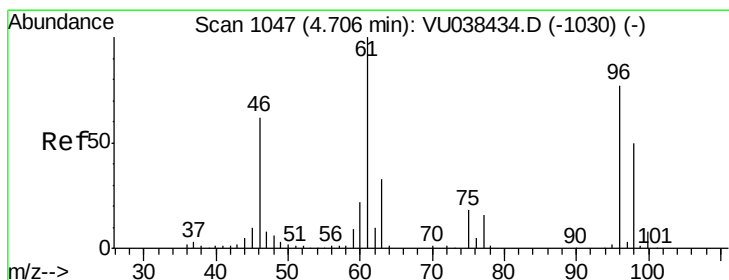
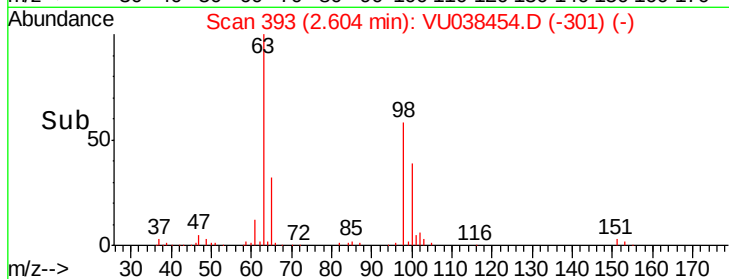
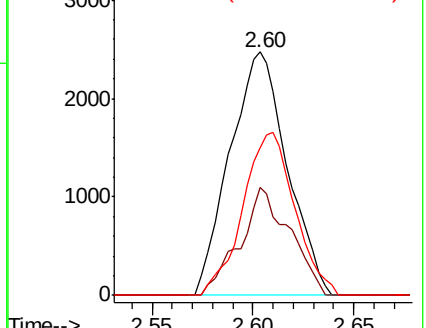
151 60.8 56.9 85.3



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



#22

cis-1,2-Dichloroethene

Concen: 0.590 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038454.D

Acq: 31 May 2020 07:46

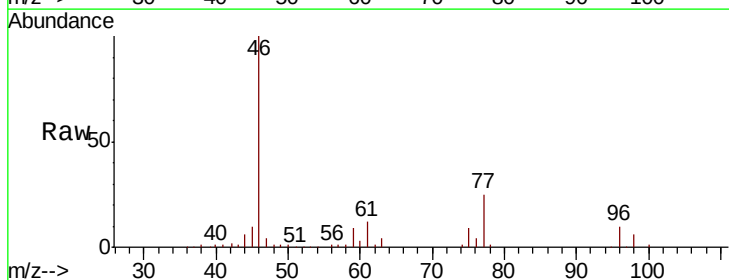
Tgt Ion: 96 Resp: 13169

Ion Ratio Lower Upper

96 100

61 123.3 94.0 174.6

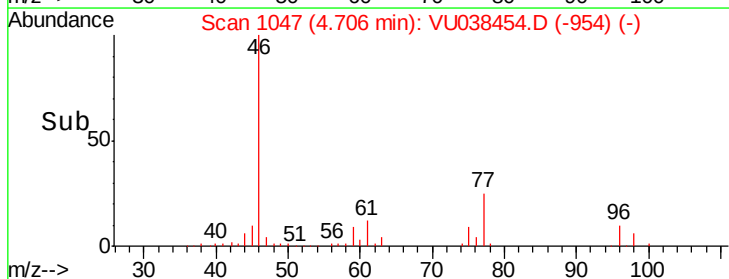
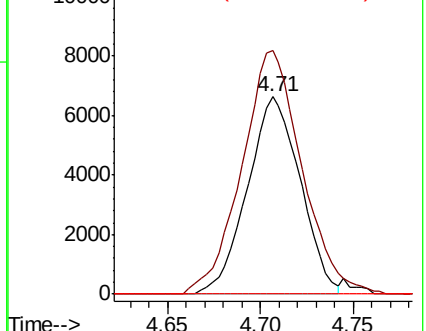
68 0.0 0.0 0.0

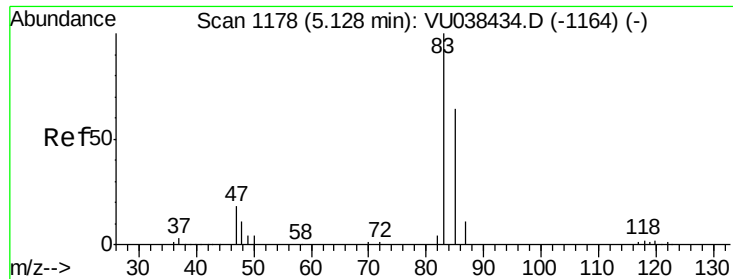


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

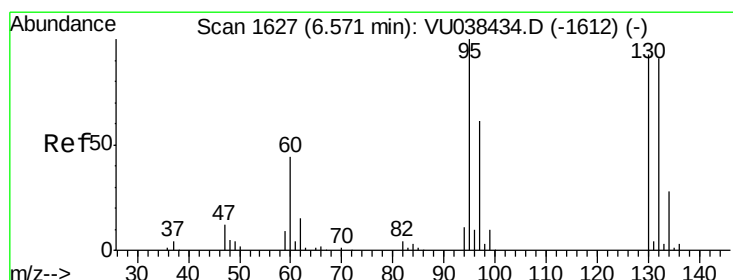
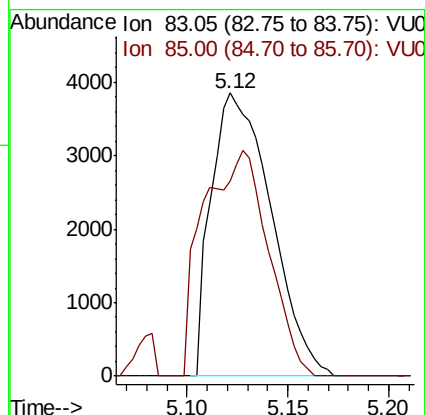
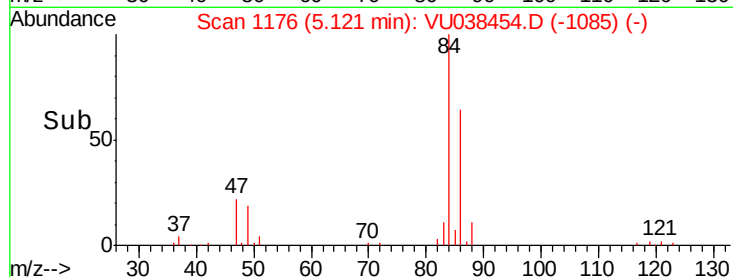
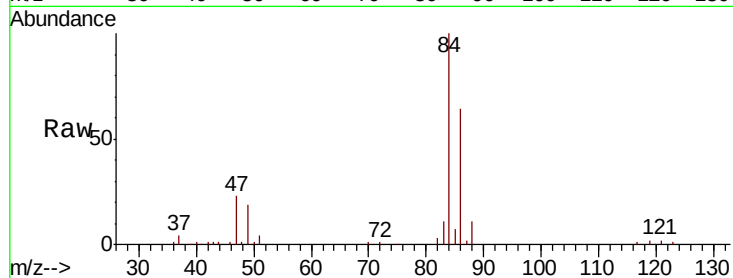




#25
Chloroform
Concen: 0.211 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VU038454.D
Acq: 31 May 2020 07:46

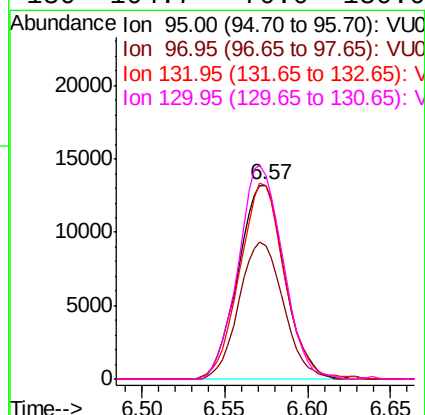
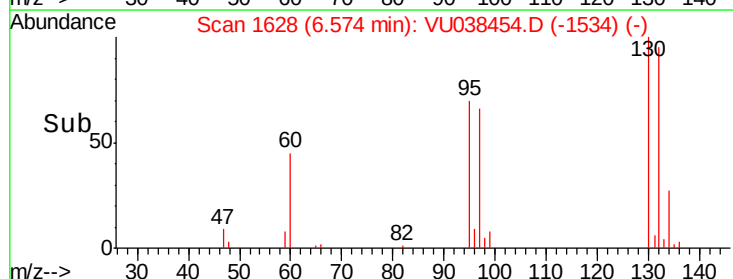
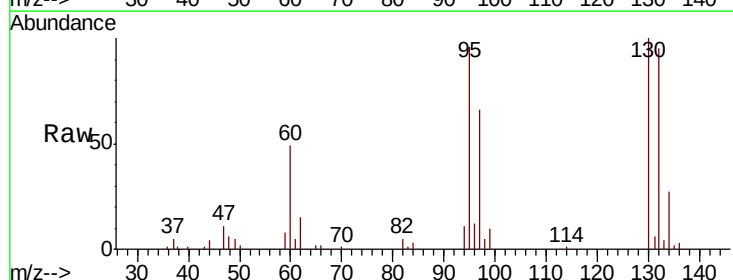
Instrument :
MSVOA_U
ClientSampleId :

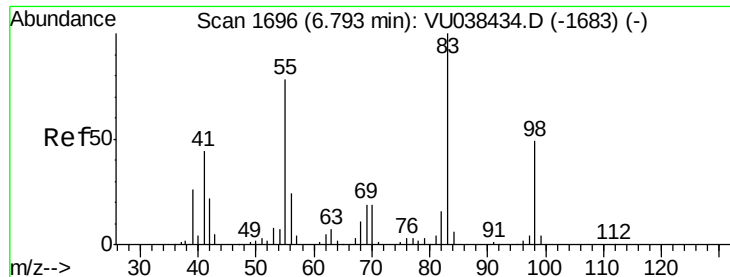
Tot Ion: 83 Resp: 7935
Ion Ratio Lower Upper
83 100
85 69.0 44.9 83.5



#34
Trichloroethene
Concen: 1.143 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU038454.D
Acq: 31 May 2020 07:46

Tgt Ion: 95 Resp: 25776
Ion Ratio Lower Upper
95 100
97 68.9 46.8 87.0
132 99.9 66.1 122.7
130 104.7 70.0 130.0

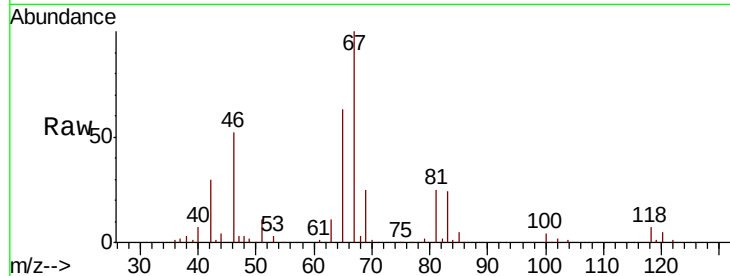




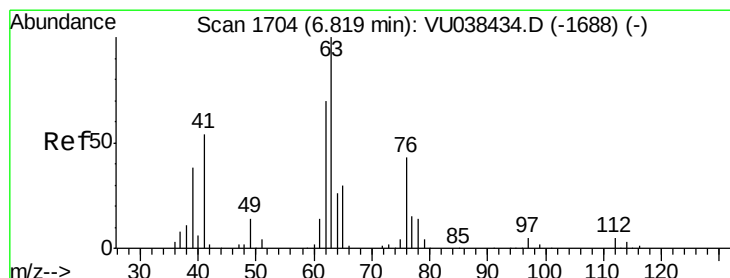
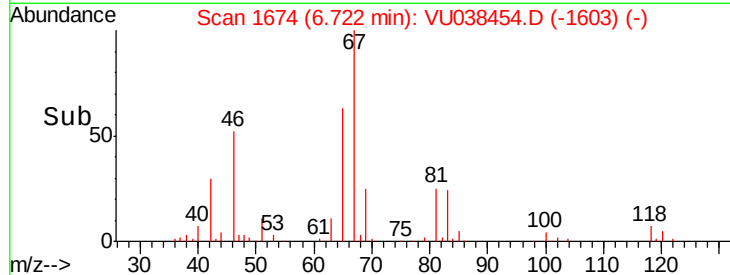
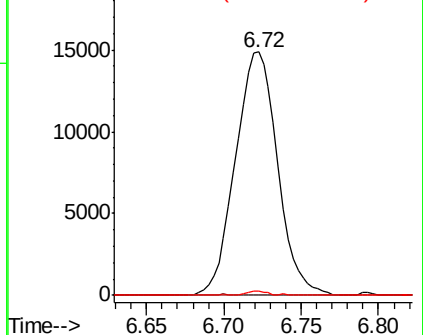
#35
Methylvlcyclohexane
Concen: 0.808 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038454.D
Acq: 31 May 2020 07:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 28214
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 0.9 39.0 58.4#

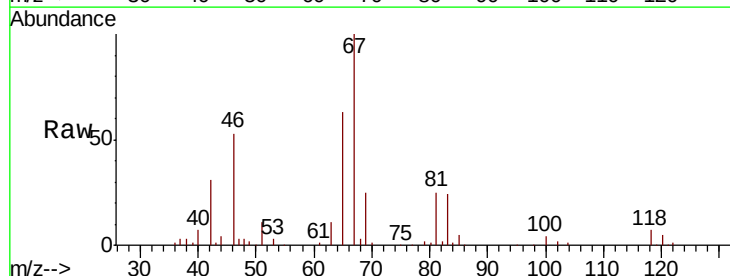


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

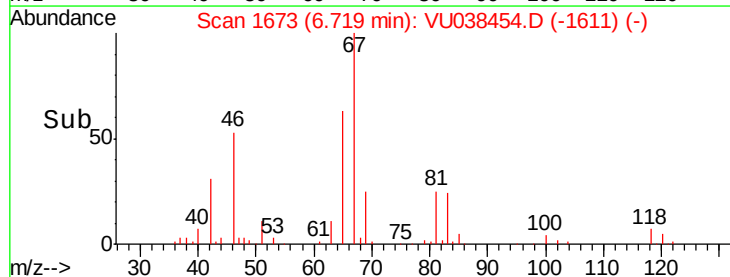
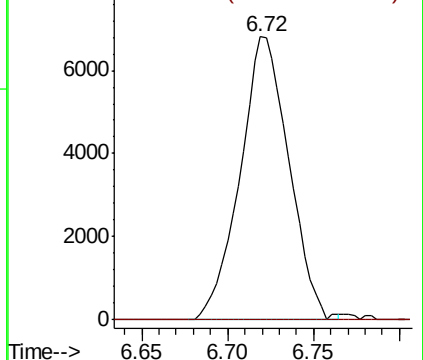


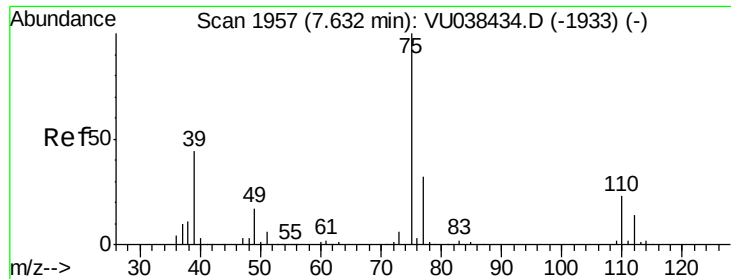
#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038454.D
Acq: 31 May 2020 07:46

Tgt Ion: 63 Resp: 13444
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

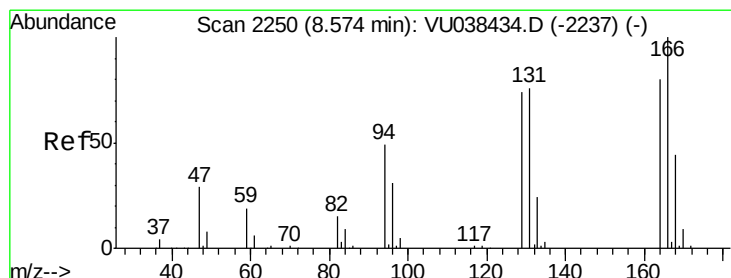
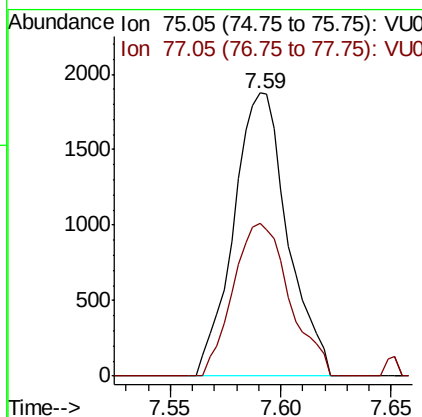
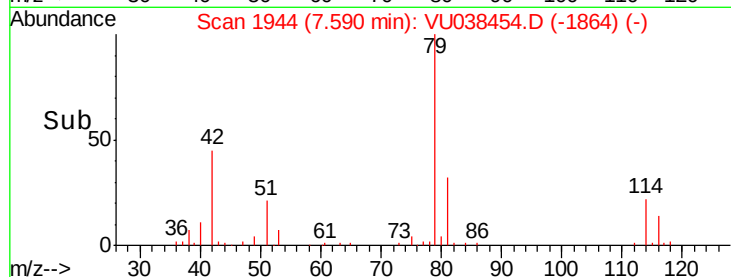
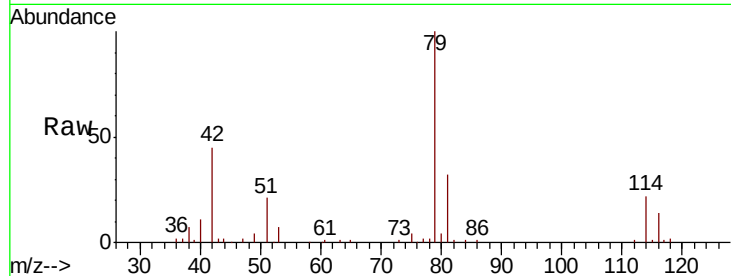




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038454.D
 Acq: 31 May 2020 07:46

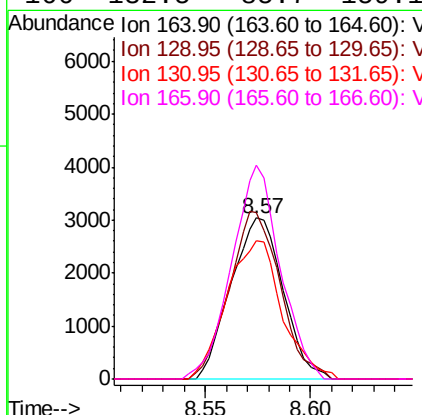
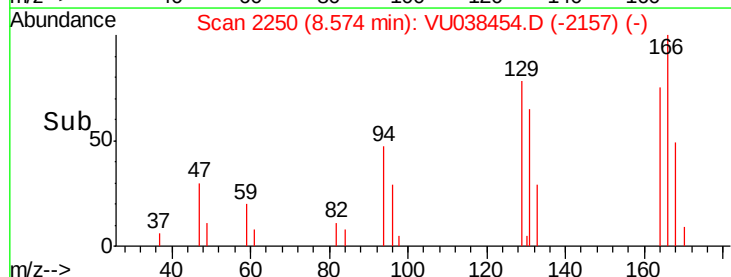
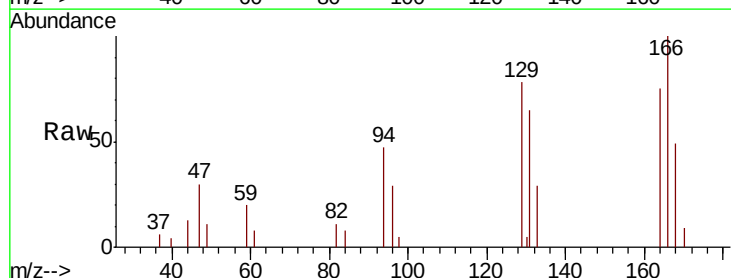
Instrument :
 MSVOA_U
 ClientSampleId :

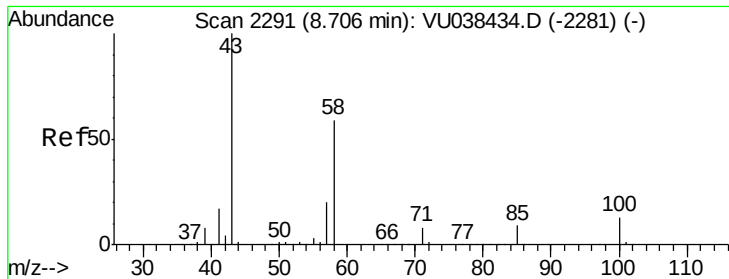
Tot Ion: 75 Resp: 3188
 Ion Ratio Lower Upper
 75 100
 77 53.9 21.9 40.7#



#47
 Tetrachloroethene
 Concen: 0.320 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038454.D
 Acq: 31 May 2020 07:46

Tgt Ion: 164 Resp: 5237
 Ion Ratio Lower Upper
 164 100
 129 103.1 67.4 125.2
 131 85.7 64.1 119.1
 166 132.5 85.7 159.1





#48

2-Hexanone

Concen: 1.148 ug/L

RT: 8.70 min Scan# 2290

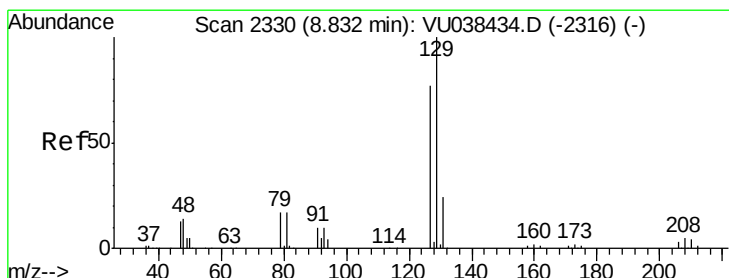
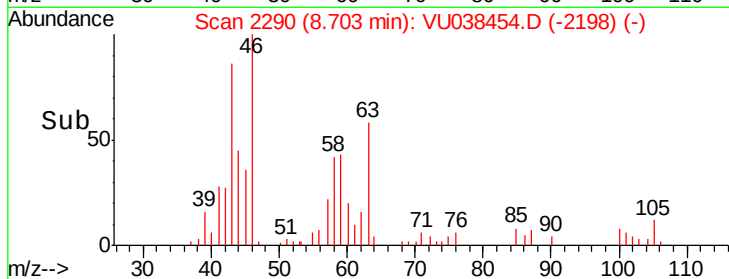
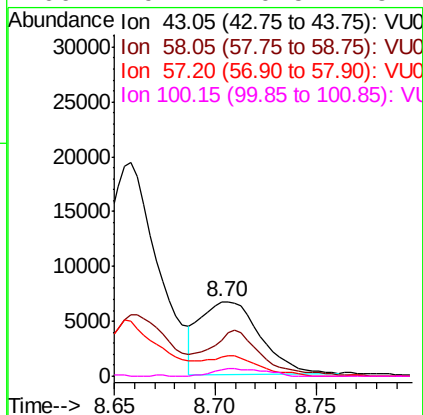
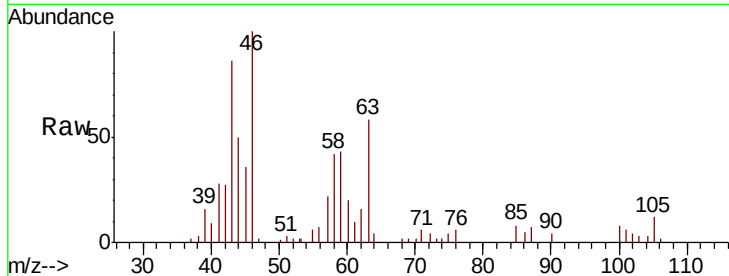
Delta R.T. -0.00 min

Lab File: VU038454.D

Acq: 31 May 2020 07:46

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	43	Resp:	13595
Ion	Ratio	Lower	Upper
43	100		
58	54.4	45.4	68.0
57	23.0	15.9	23.9
100	9.4	10.5	15.7#



#49

Dibromochloromethane

Concen: 0.298 ug/L

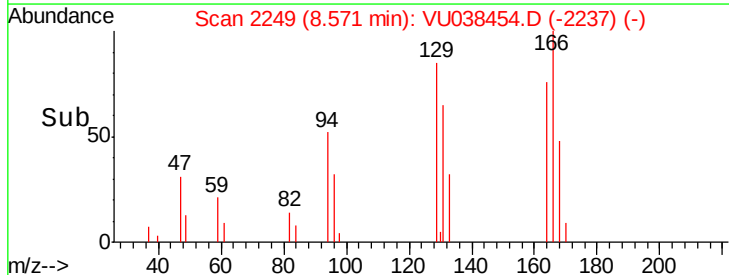
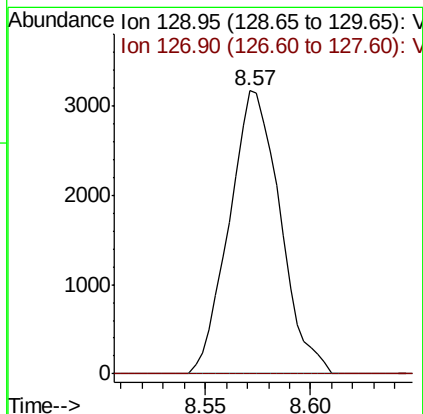
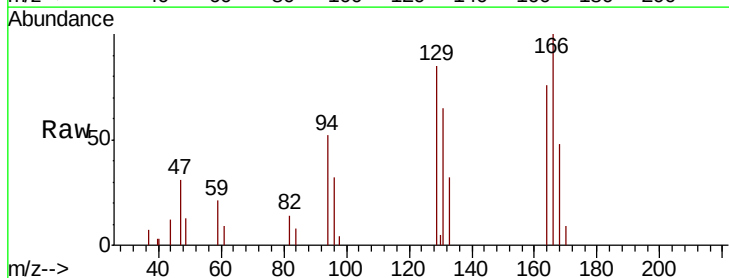
RT: 8.57 min Scan# 2249

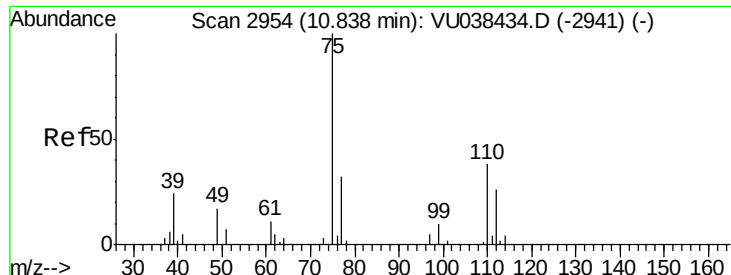
Delta R.T. -0.26 min

Lab File: VU038454.D

Acq: 31 May 2020 07:46

Tgt Ion:	129	Resp:	5302
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#





#59

1,2,3-Trichloropropane

Concen: 1.093 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038454.D

Acq: 31 May 2020 07:46

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MSVOA_U

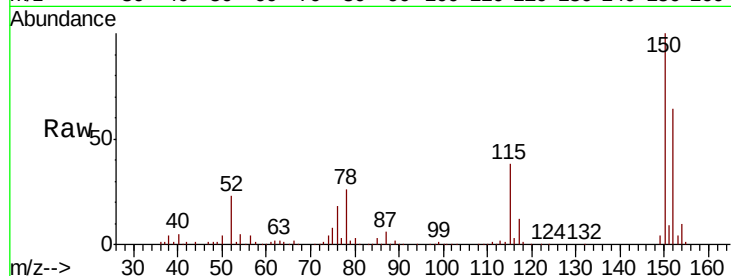
ClientSampleId :

Tot Ion: 75 Resp: 17832

Ion Ratio Lower Upper

75 100

77 39.6 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

