

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060220\
 Data File : VU038504.D
 Acq On : 02 Jun 2020 19:23
 Operator : JC/MD
 Sample : L2856-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 03 00:52:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	289644	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64913	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	65339	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.59	63	105319	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.67	46	354304	62.22	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.44%
24) Chloroform-d	5.10	84	180146	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.74	65	111055	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.76	84	342098	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.72	67	110545	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.92	98	275033	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.20	79	44388	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	300256	63.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106411	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	123489	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

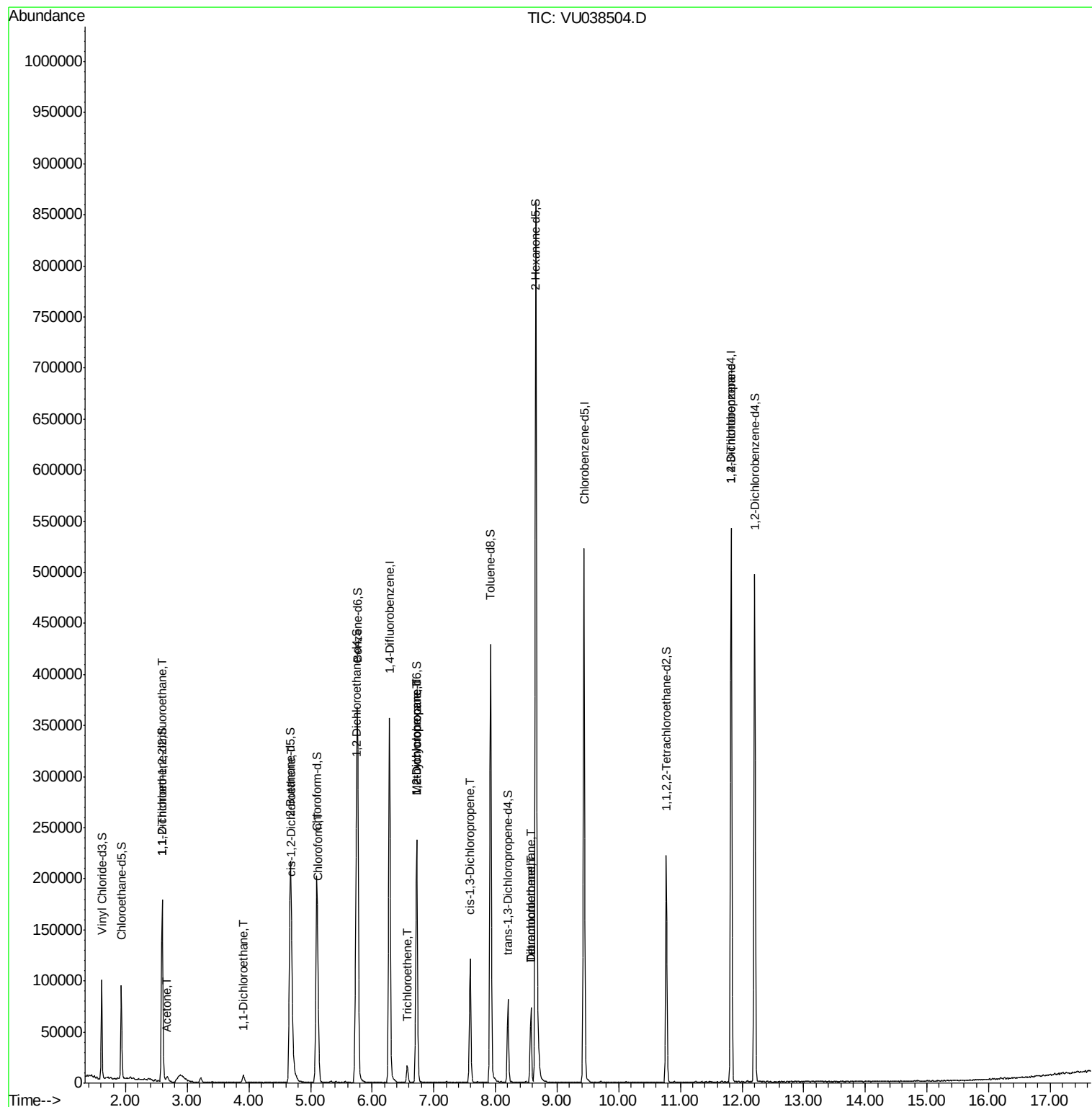
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3980	0.227	ug/L #	79
13) Acetone	2.68	43	8017	2.151	ug/L	99
19) 1,1-Dichloroethane	3.91	63	8190	0.238	ug/L	93
22) cis-1,2-Dichloroethene	4.70	96	4935	0.238	ug/L	96
25) Chloroform	5.12	83	28255	0.809	ug/L	96
34) Trichloroethene	6.57	95	4680	0.222	ug/L	89
35) Methylcyclohexane	6.72	83	26527	0.811	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12287	0.600	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2778	0.092	ug/L #	63
47) Tetrachloroethene	8.57	164	16529	1.077	ug/L	95
49) Dibromochloromethane	8.57	129	16518	0.991	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17729	1.160	ug/L	91

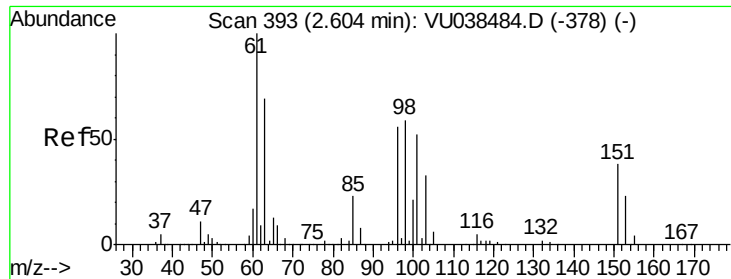
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.227 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038504.D

Acq: 02 Jun 2020 19:23

Instrument :

MSVOA_U

ClientSampled :

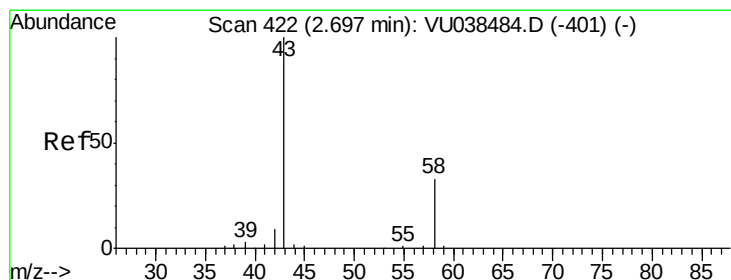
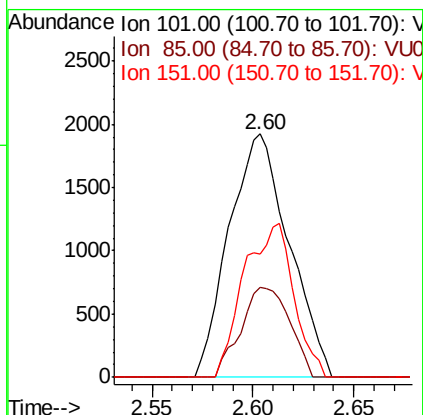
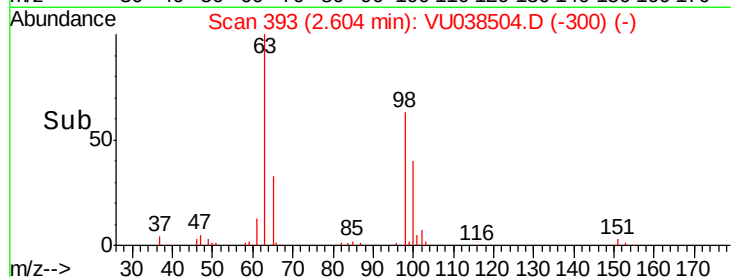
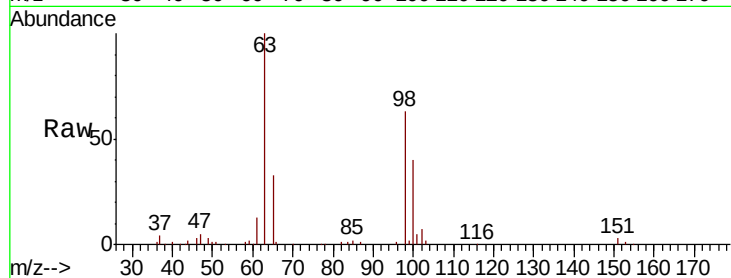
Tot Ion:101 Resp: 3980

Ion Ratio Lower Upper

101 100

85 30.3 34.0 51.0#

151 52.7 56.9 85.3#



#13

Acetone

Concen: 2.151 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.02 min

Lab File: VU038504.D

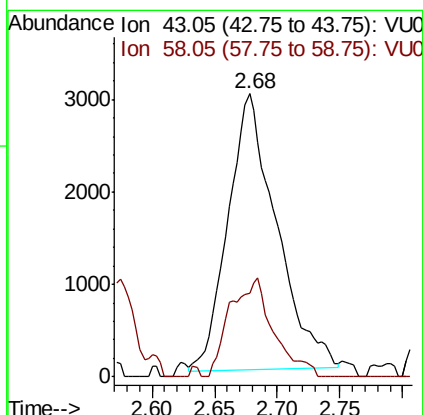
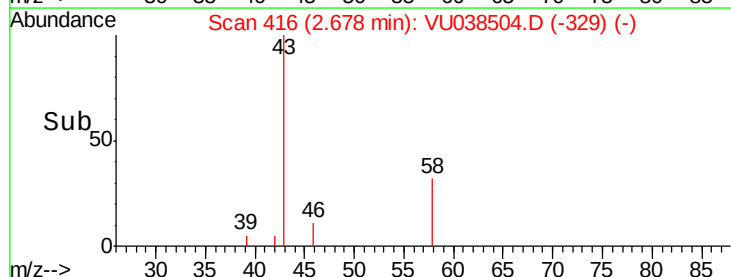
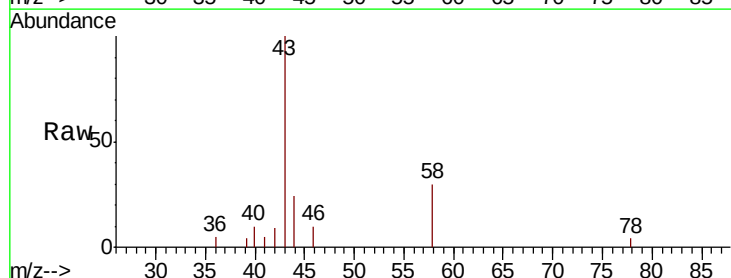
Acq: 02 Jun 2020 19:23

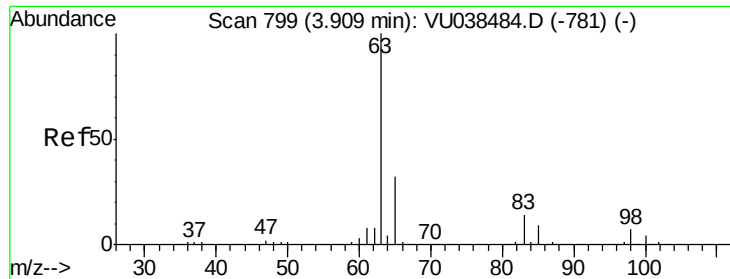
Tgt Ion: 43 Resp: 8017

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.6

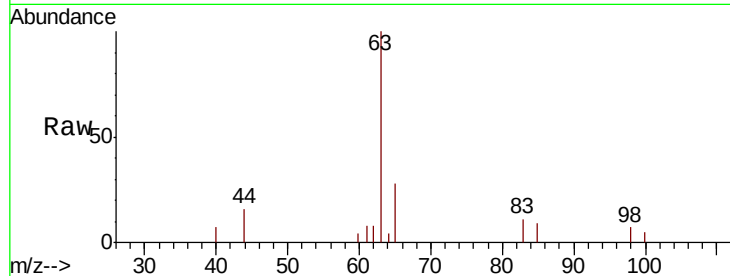




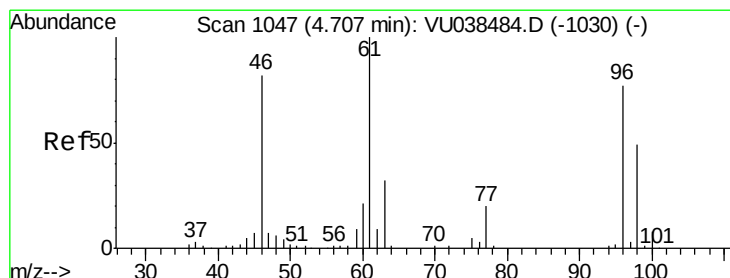
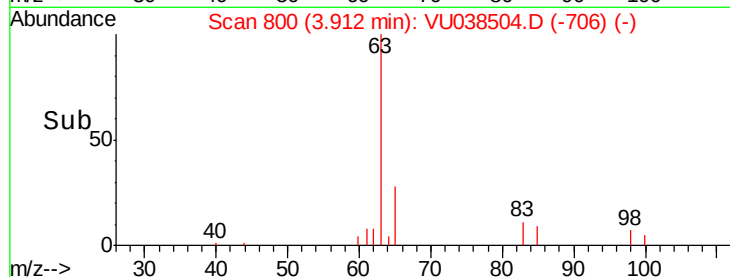
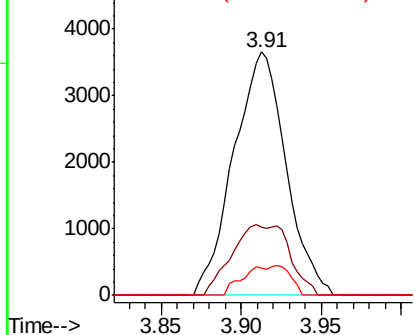
#19
 1,1-Dichloroethane
 Concen: 0.238 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU038504.D
 Acq: 02 Jun 2020 19:23

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 63 Resp: 8190
 Ion Ratio Lower Upper
 63 100
 65 28.3 22.3 41.5
 83 11.0 10.4 19.4

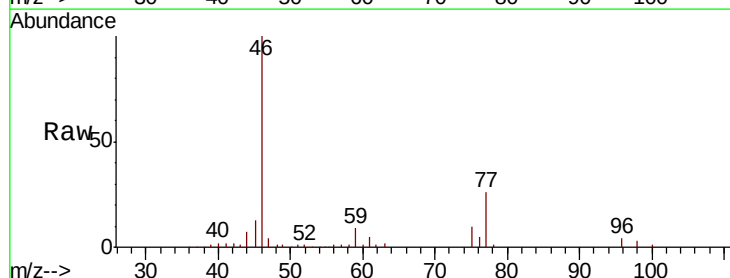


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

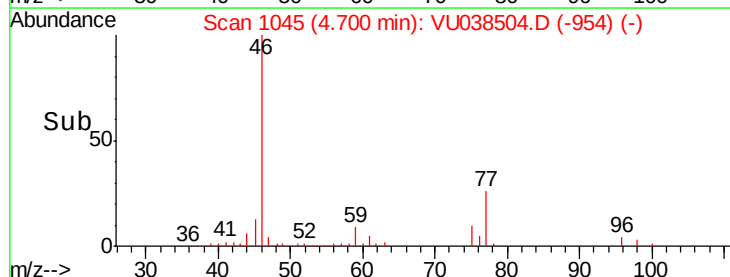
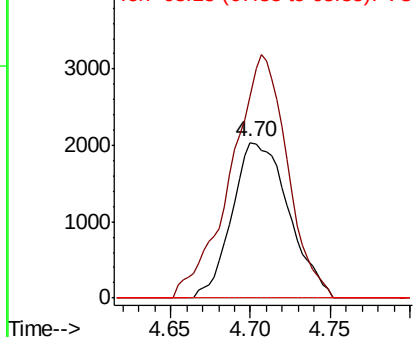


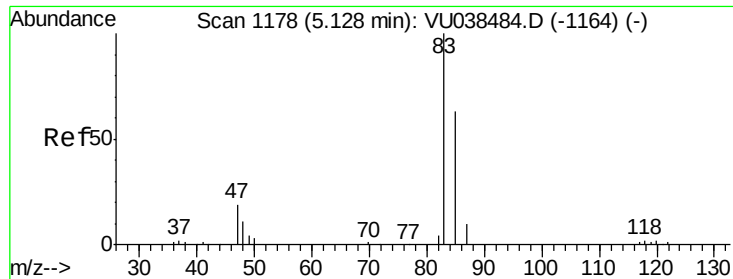
#22
 cis-1,2-Dichloroethene
 Concen: 0.238 ug/L
 RT: 4.70 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: VU038504.D
 Acq: 02 Jun 2020 19:23

Tgt Ion: 96 Resp: 4935
 Ion Ratio Lower Upper
 96 100
 61 129.6 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: 0.809 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038504.D

Acq: 02 Jun 2020 19:23

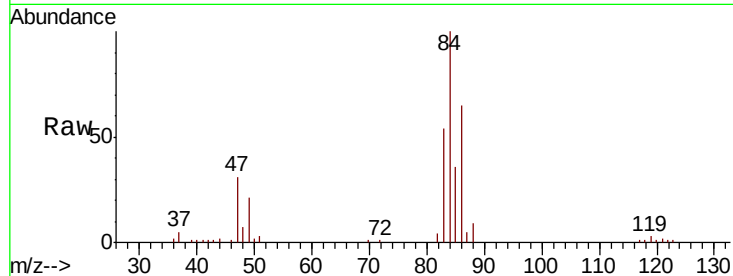
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 28255

Ion Ratio Lower Upper

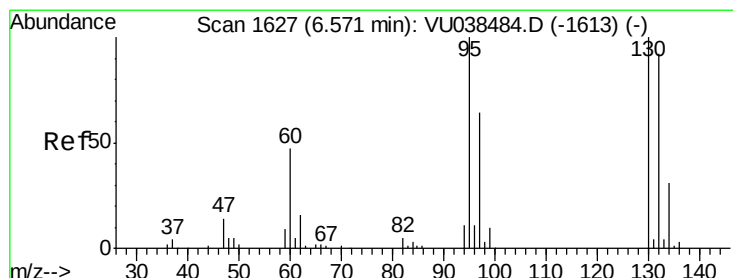
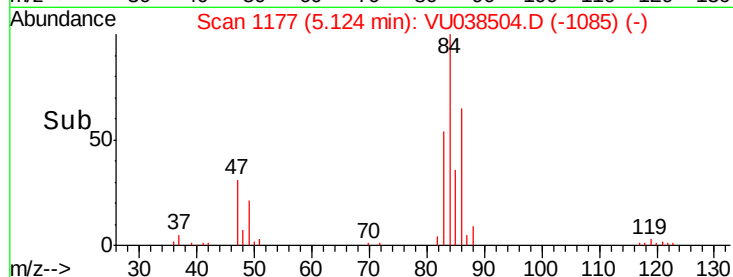
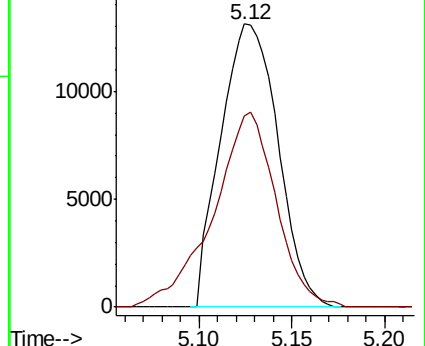
83 100

85 67.6 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU038484.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU038484.D (-1164) (-)



#34

Trichloroethene

Concen: 0.222 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038504.D

Acq: 02 Jun 2020 19:23

Tgt Ion: 95 Resp: 4680

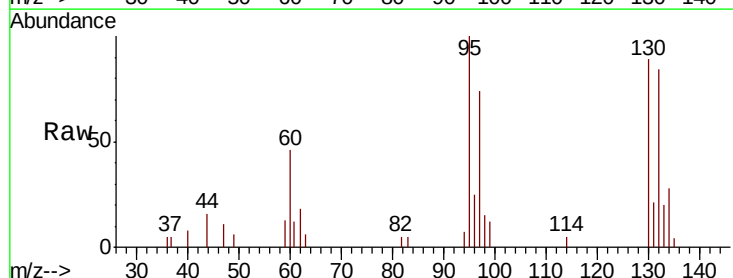
Ion Ratio Lower Upper

95 100

97 74.5 46.8 87.0

132 83.7 66.1 122.7

130 89.0 70.0 130.0

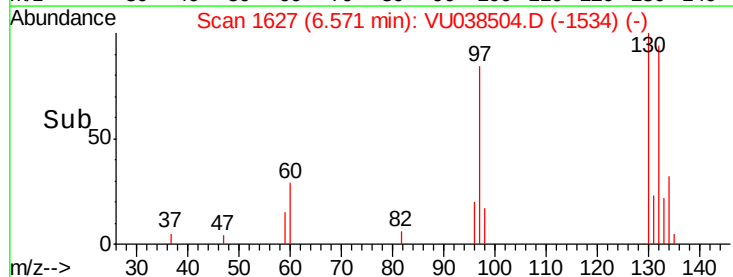
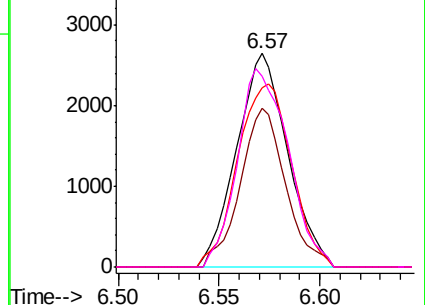


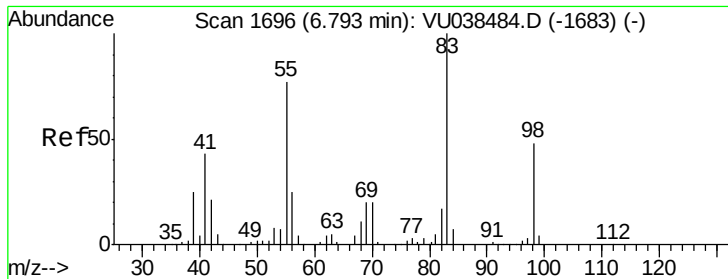
Abundance Ion 95.00 (94.70 to 95.70): VU038484.D (-1613) (-)

Ion 96.95 (96.65 to 97.65): VU038484.D (-1613) (-)

Ion 131.95 (131.65 to 132.65): VU038484.D (-1613) (-)

Ion 129.95 (129.65 to 130.65): VU038484.D (-1613) (-)

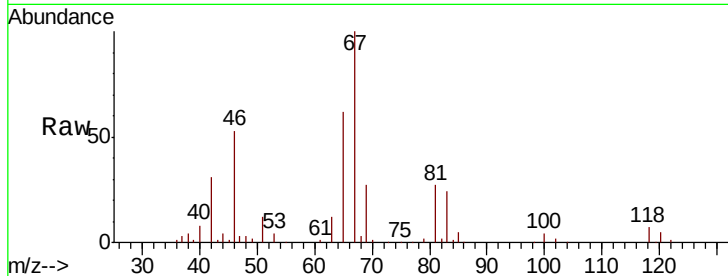




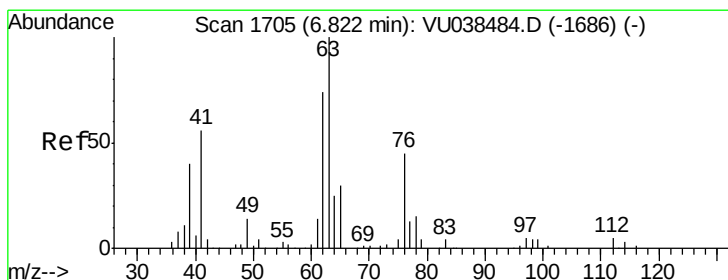
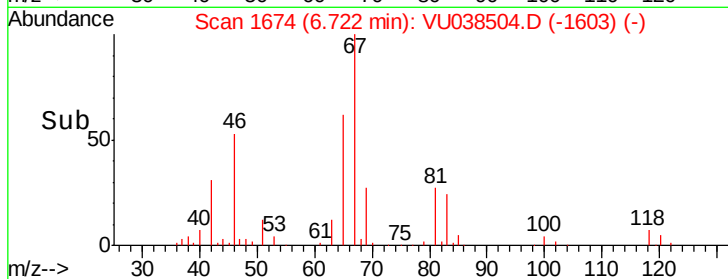
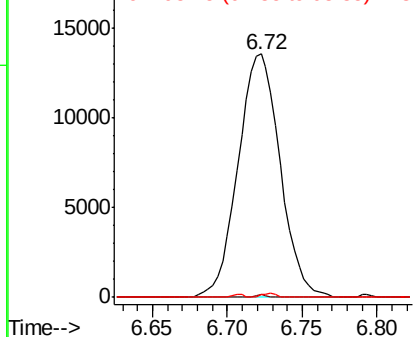
#35
Methvlcvclohexane
Concen: 0.811 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038504.D
Acq: 02 Jun 2020 19:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26527
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 0.6 39.0 58.4#

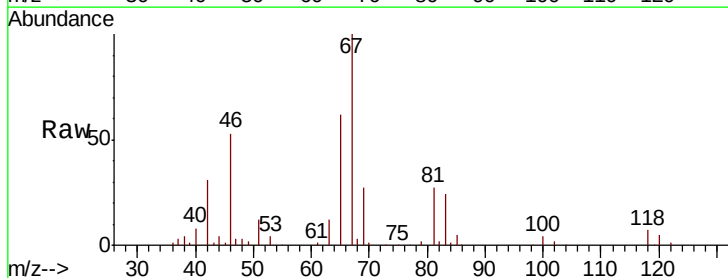


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

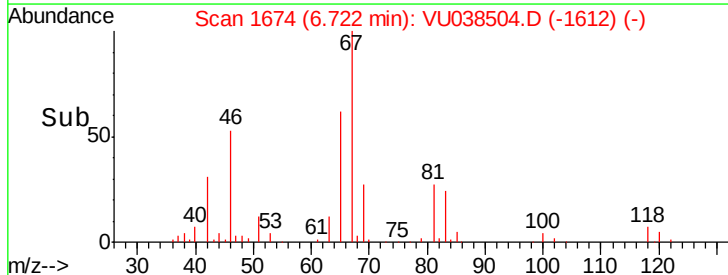
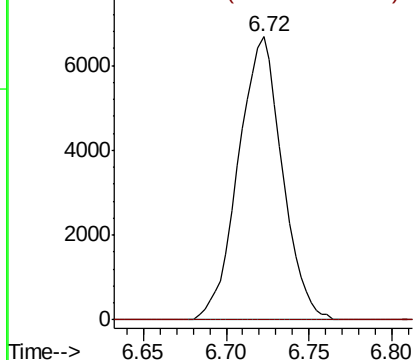


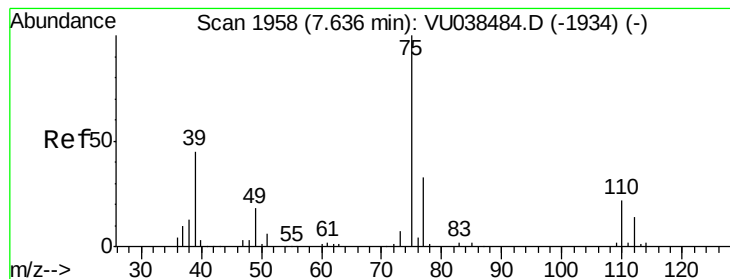
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038504.D
Acq: 02 Jun 2020 19:23

Tgt Ion: 63 Resp: 12287
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



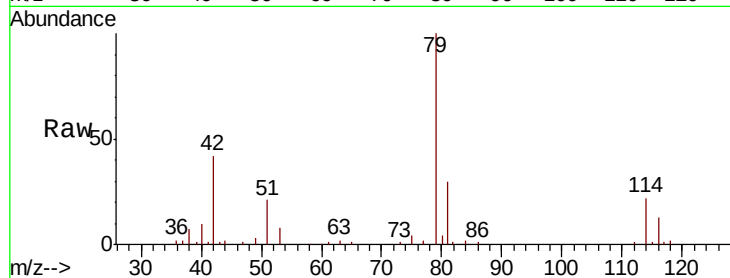


#39

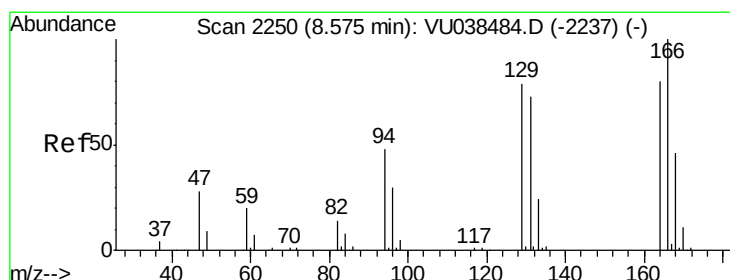
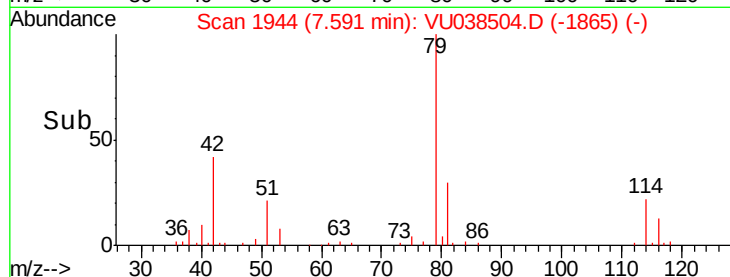
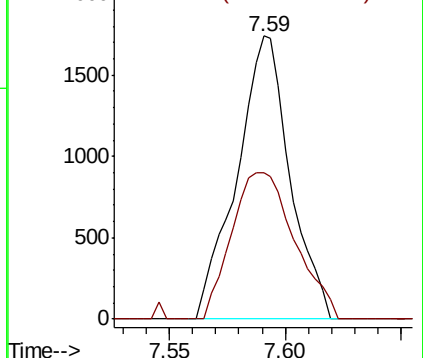
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU038504.D
Acq: 02 Jun 2020 19:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 2778
Ion Ratio Lower Upper
75 100
77 51.9 21.9 40.7#



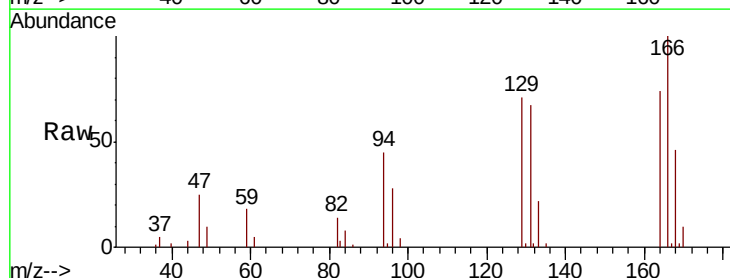
Abundance Ion 75.05 (74.75 to 75.75): VU038484.D (-1934) (-)
Ion 77.05 (76.75 to 77.75): VU038484.D (-1934) (-)



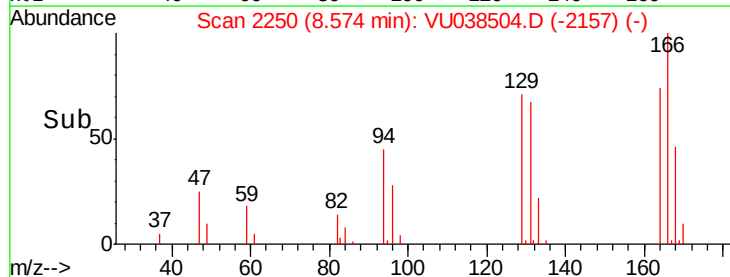
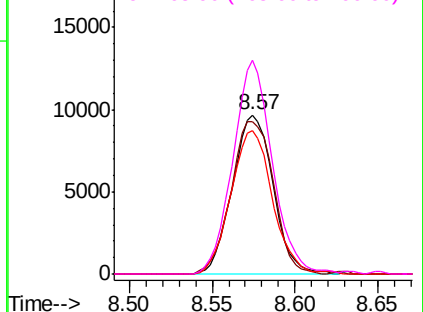
#47

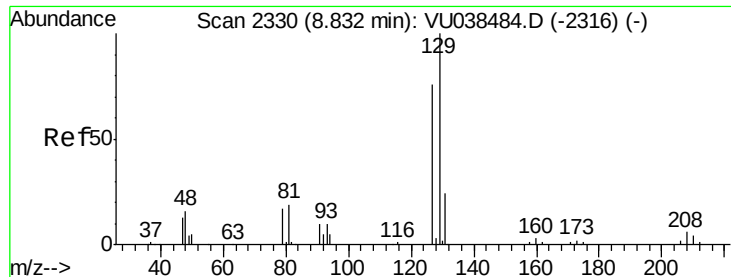
Tetrachloroethene
Concen: 1.077 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU038504.D
Acq: 02 Jun 2020 19:23

Tgt Ion:164 Resp: 16529
Ion Ratio Lower Upper
164 100
129 95.7 67.4 125.2
131 90.3 64.1 119.1
166 134.5 85.7 159.1



Abundance Ion 163.90 (163.60 to 164.60): VU038484.D (-2237) (-)
Ion 128.95 (128.65 to 129.65): VU038484.D (-2237) (-)
Ion 130.95 (130.65 to 131.65): VU038484.D (-2237) (-)
Ion 165.90 (165.60 to 166.60): VU038484.D (-2237) (-)

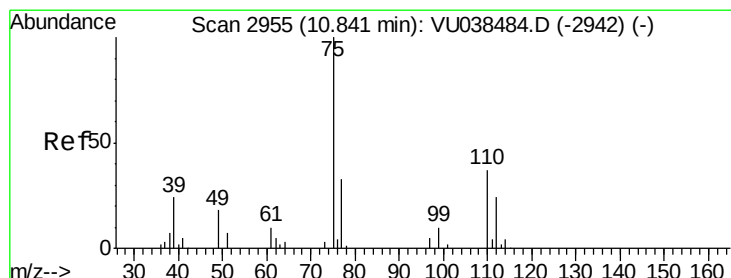
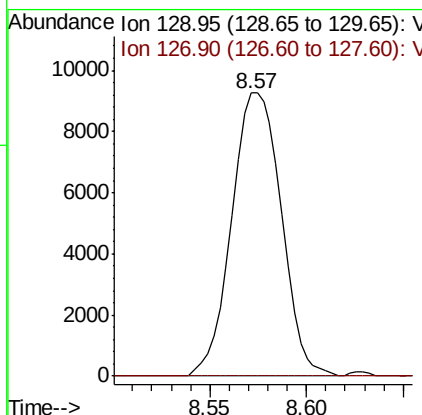
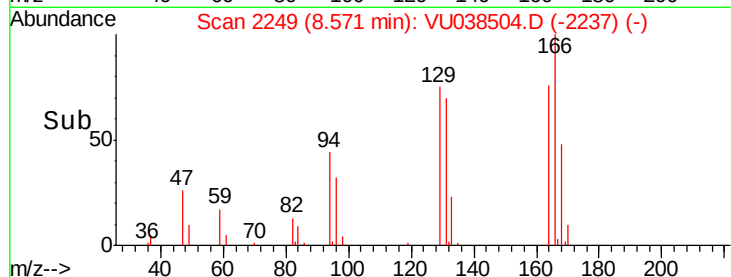
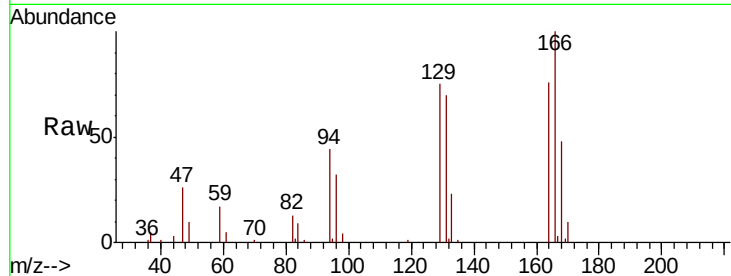




#49
 Dibromochloromethane
 Concen: 0.991 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.26 min
 Lab File: VU038504.D
 Acq: 02 Jun 2020 19:23

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 16518
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.3 99.1#



#59
 1,2,3-Trichloropropane
 Concen: 1.160 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038504.D
 Acq: 02 Jun 2020 19:23

Tgt Ion: 75 Resp: 17729
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.4 38.2

