

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110620\
 Data File : VU041120.D
 Acq On : 06 Nov 2020 18:12
 Operator : SY/MD
 Sample : L4646-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G5

Quant Time: Nov 06 23:12:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67653	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20478	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.92	69	17991	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.58	63	39548	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.65	46	91138	48.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	5.08	84	49761	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	28746	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.74	84	85290	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	29320	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.90	98	81927	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.18	79	11782	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	67849	47.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26496	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	31204	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	27446	4.444 ug/L	99
5) Vinyl chloride	1.61	62	27753	4.368 ug/L	99
8) Chloroethane	1.94	64	52332	13.000 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	56755	11.214 ug/L	96
12) 1,1-Dichloroethene	2.59	96	11012	2.304 ug/L #	79
13) Acetone	2.66	43	223873	174.953 ug/L #	56
15) Methyl Acetate	2.96	43	30762	10.506 ug/L	96
16) Methylene chloride	3.05	84	882	0.158 ug/L	82
18) trans-1,2-Dichloroethene	3.37	96	14082	2.900 ug/L	96
19) 1,1-Dichloroethane	3.88	63	21114	2.175 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	23014	4.594 ug/L	98
23) Bromochloromethane	4.99	128	13368	5.656 ug/L	94
25) Chloroform	5.10	83	83675	8.594 ug/L	98
27) 1,2-Dichloroethane	5.81	62	15358	2.118 ug/L #	92
29) 1,1,1-Trichloroethane	5.33	97	18539	2.167 ug/L	95
31) Carbon tetrachloride	5.54	117	23761	3.137 ug/L	97
33) Benzene	5.75	78	675	0.032 ug/L	100

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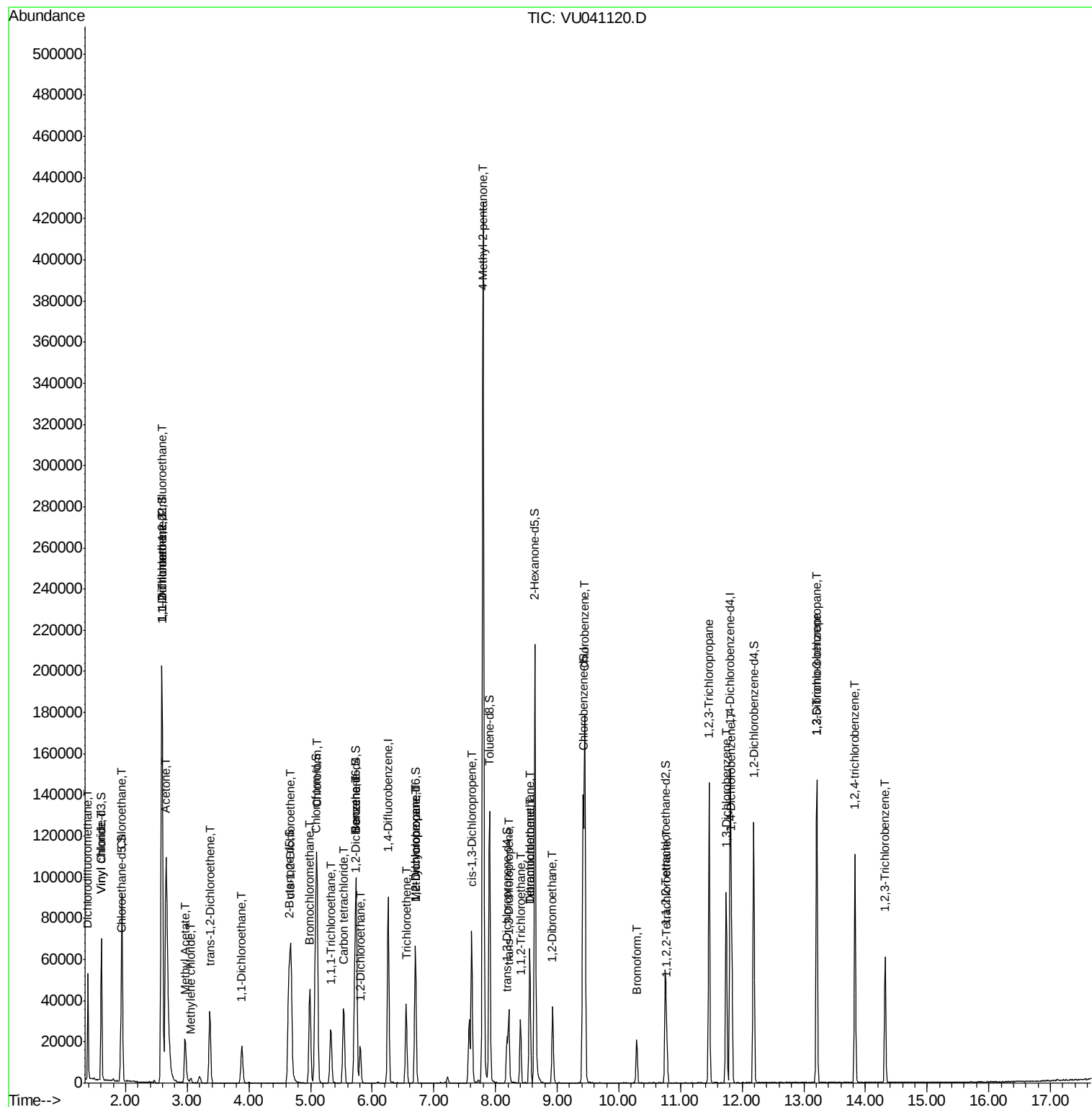
34) Trichloroethene	6.55	95	12690	2.386	ug/L	96
35) Methylcyclohexane	6.70	83	6631	0.836	ug/L #	16
37) 1,2-Dichloropropane	6.70	63	3510	0.621	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	39680	5.096	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	286454	63.533	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	19320	2.652	ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	8673	2.060	ug/L	97
47) Tetrachloroethene	8.56	164	13341	3.411	ug/L	96
49) Dibromochloromethane	8.56	129	13649	2.792	ug/L #	11
50) 1,2-Dibromoethane	8.92	107	21041	5.246	ug/L #	98
51) Chlorobenzene	9.45	112	87926	6.543	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.78	83	9091	1.644	ug/L	96
59) 1,2,3-Trichloropropane	11.47	75	754	0.179	ug/L #	1
61) Bromoform	10.29	173	9143	3.255	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	35636	3.387	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	24303	2.230	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.21	75	7888	7.751	ug/L #	7
67) 1,3,5-Trichlorobenzene	13.21	180	41145	5.591	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	31069	5.096	ug/L	96
70) 1,2,3-Trichlorobenzene	14.32	180	17504	3.115	ug/L	98

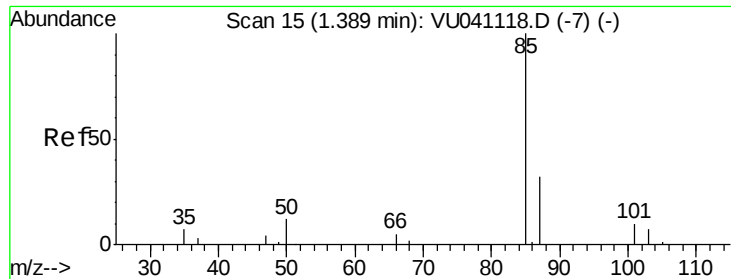
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.444 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

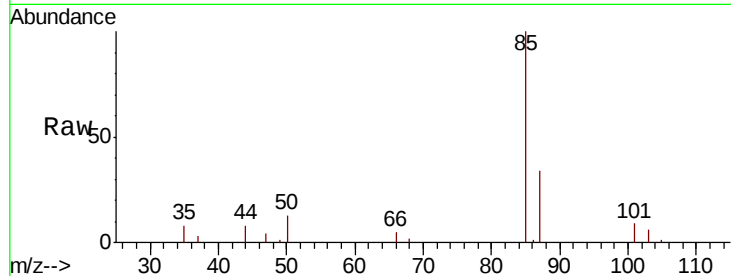
GB0G5

Tot Ion: 85 Resp: 27446

Ion Ratio Lower Upper

85 100

87 32.0 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU041118.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU041118.D (-7) (-)

1.39

30000

25000

20000

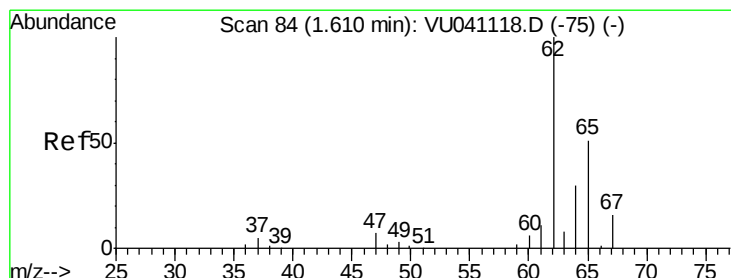
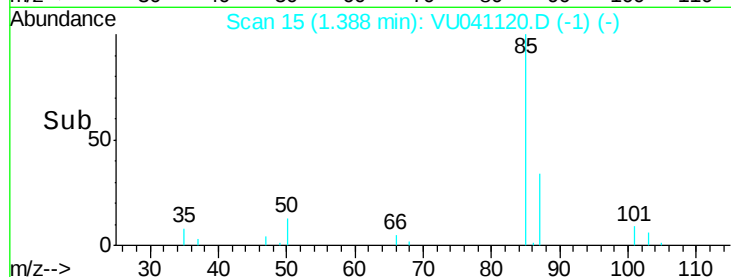
15000

10000

5000

0

Time-->



#5

Vinyl chloride

Concen: 4.368 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041120.D

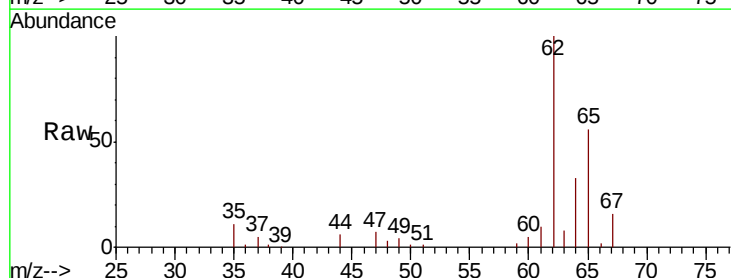
Acq: 06 Nov 2020 18:12

Tgt Ion: 62 Resp: 27753

Ion Ratio Lower Upper

62 100

64 32.8 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU041118.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU041118.D (-75) (-)

1.61

30000

25000

20000

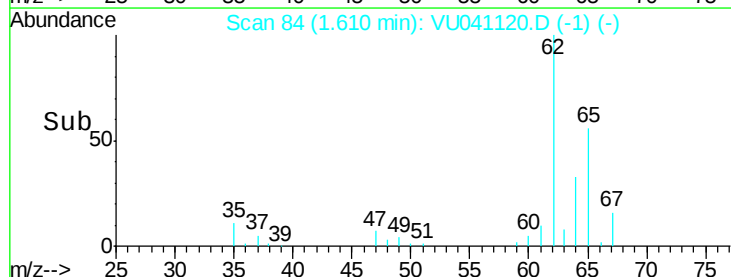
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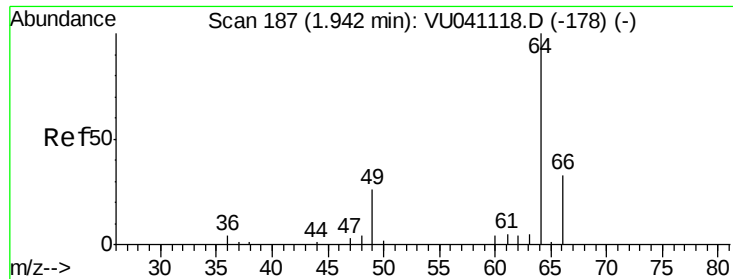
10000

5000

0

Time-->

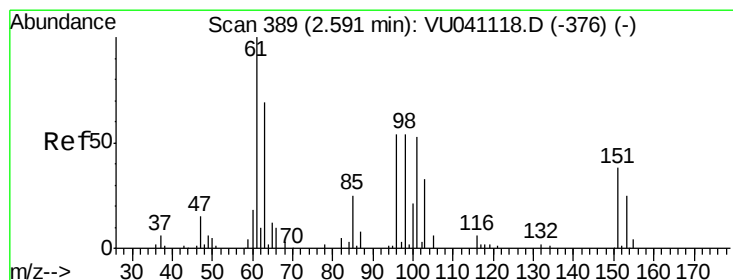
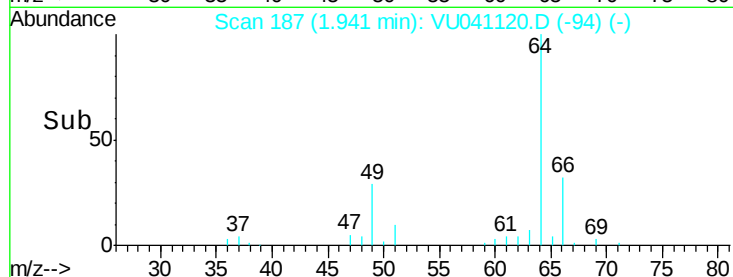
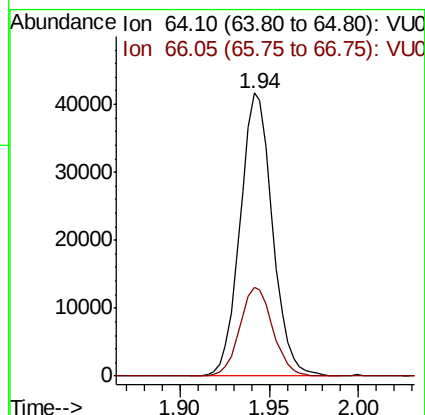
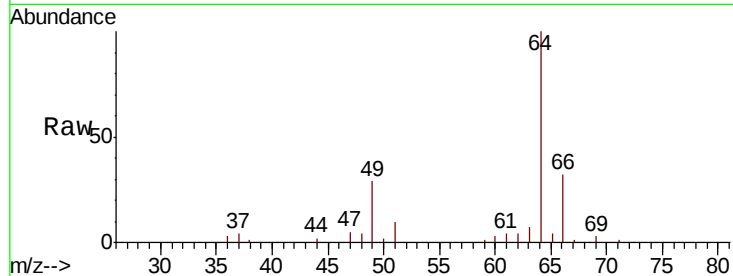




#8
Chloroethane
Concen: 13.000 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU041120.D
Acq: 06 Nov 2020 18:12

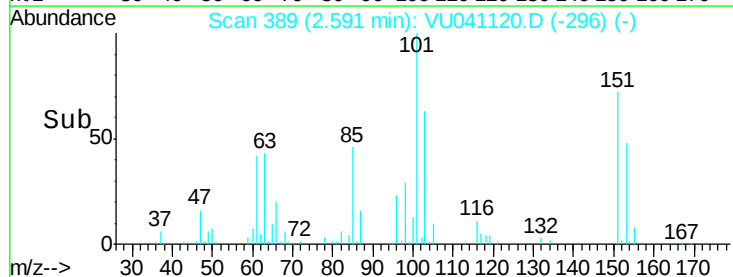
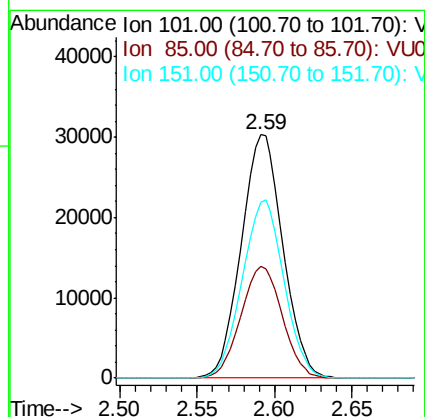
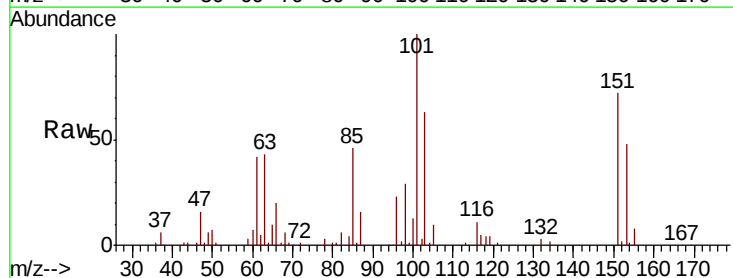
Instrument :
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ClientSampleId :
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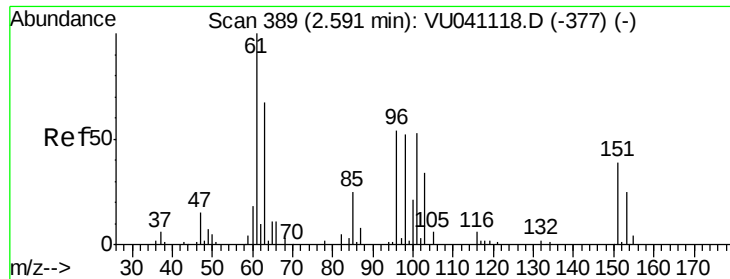
Tot Ion: 64 Resp: 52332
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.214 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041120.D
Acq: 06 Nov 2020 18:12

Tgt Ion: 101 Resp: 56755
Ion Ratio Lower Upper
101 100
85 45.7 35.0 52.4
151 73.1 55.3 82.9





#12

1,1-Dichloroethene

Concen: 2.304 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

GB0G5

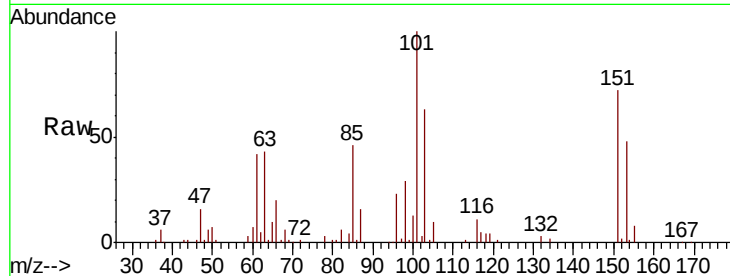
Tot Ion: 96 Resp: 11012

Ion Ratio Lower Upper

96 100

61 181.6 134.3 249.5

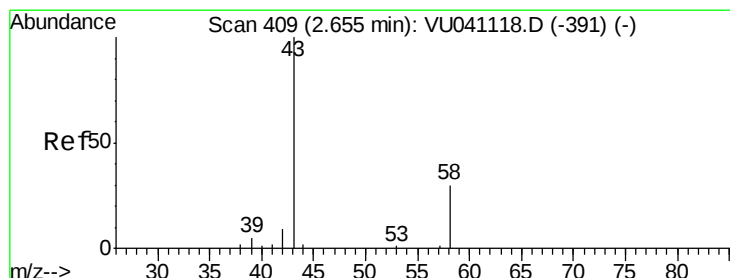
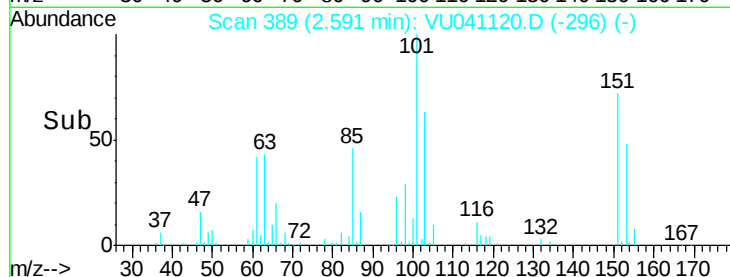
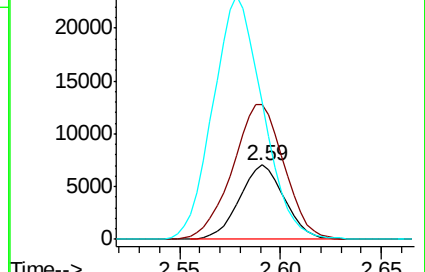
63 184.9 95.0 176.4#



Abundance Ion 96.00 (95.70 to 96.70): VU041118.D (-377) (-)

Ion 61.05 (60.75 to 61.75): VU041118.D (-377) (-)

Ion 63.00 (62.70 to 63.70): VU041118.D (-377) (-)



#13

Acetone

Concen: 174.953 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU041120.D

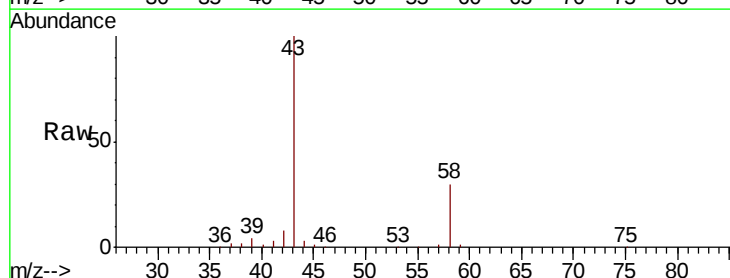
Acq: 06 Nov 2020 18:12

Tgt Ion: 43 Resp: 223873

Ion Ratio Lower Upper

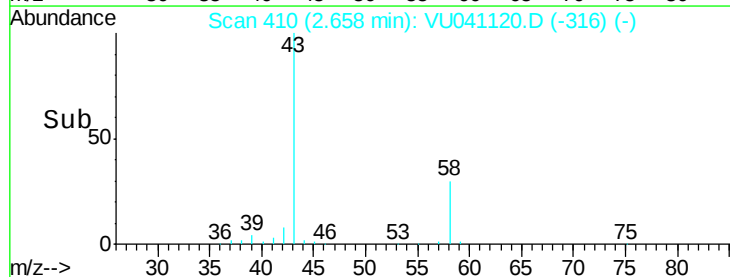
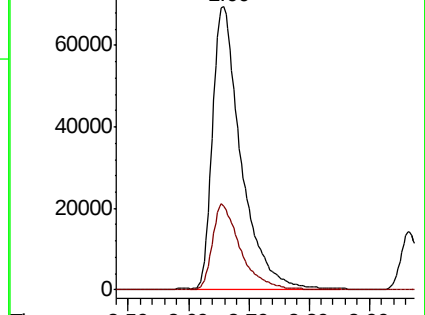
43 100

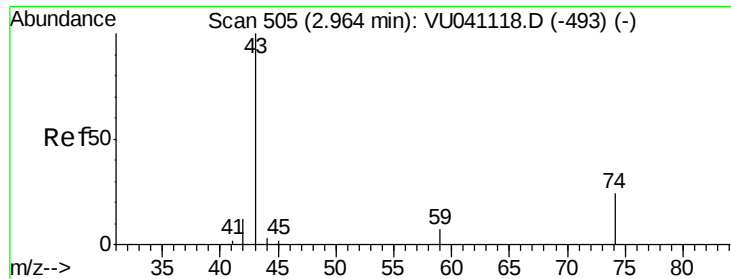
58 30.2 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU041118.D (-391) (-)

Ion 58.05 (57.75 to 58.75): VU041118.D (-391) (-)





#15

Methyl Acetate

Concen: 10.506 ug/L

RT: 2.96 min Scan# 505

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampled :

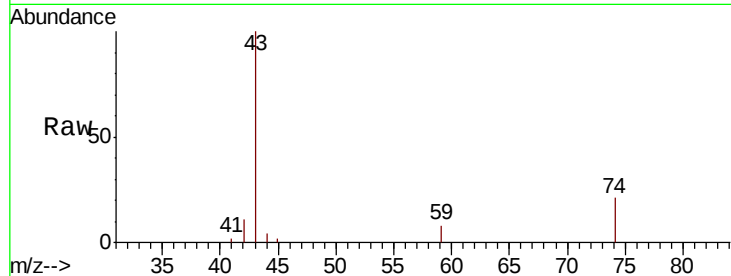
GB0G5

Tot Ion: 43 Resp: 30762

Ion Ratio Lower Upper

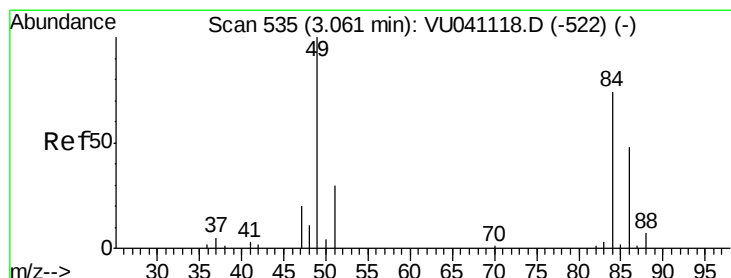
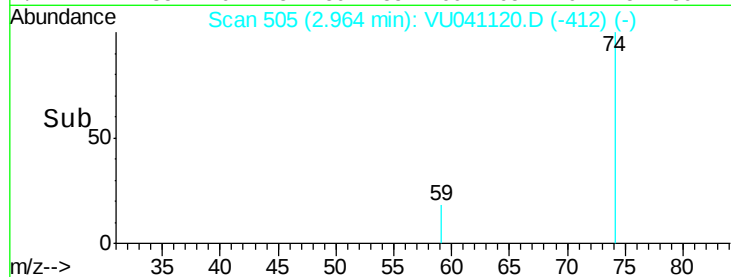
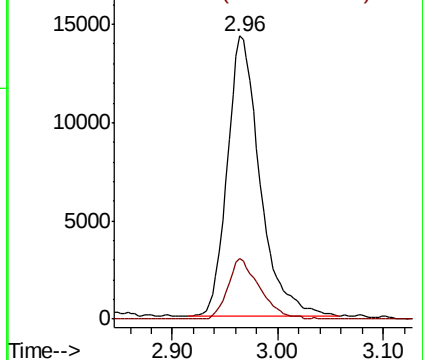
43 100

74 20.8 18.3 27.5



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.158 ug/L

RT: 3.05 min Scan# 533

Delta R.T. -0.01 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

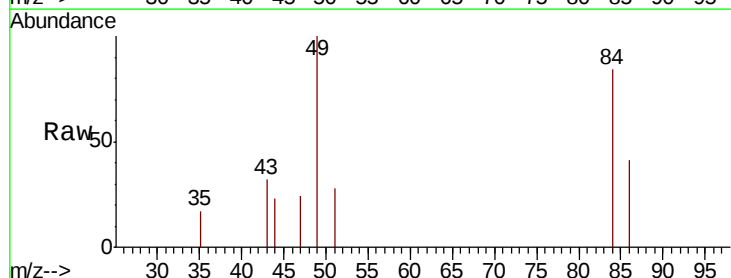
Tgt Ion: 84 Resp: 882

Ion Ratio Lower Upper

84 100

86 48.9 42.8 79.6

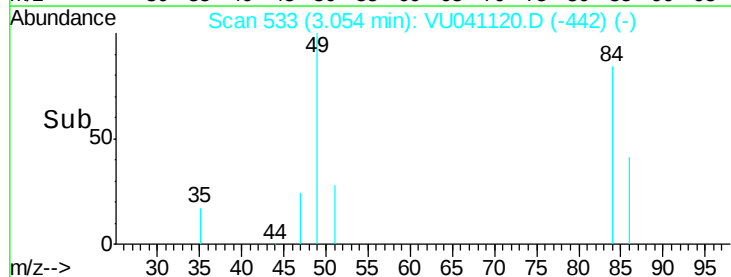
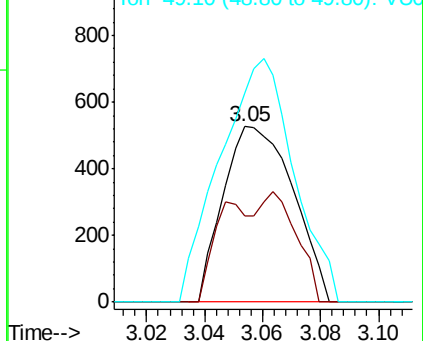
49 119.2 99.5 184.7

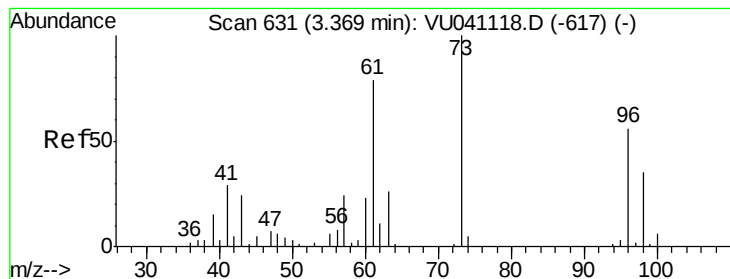


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 2.900 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

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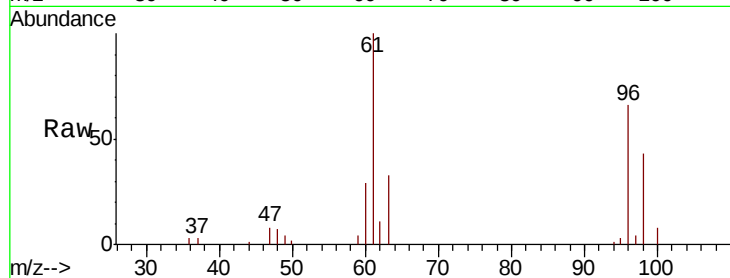
Tot Ion: 96 Resp: 14082

Ion Ratio Lower Upper

96 100

61 151.5 110.9 205.9

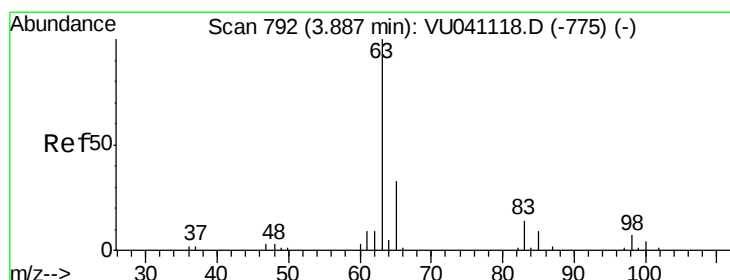
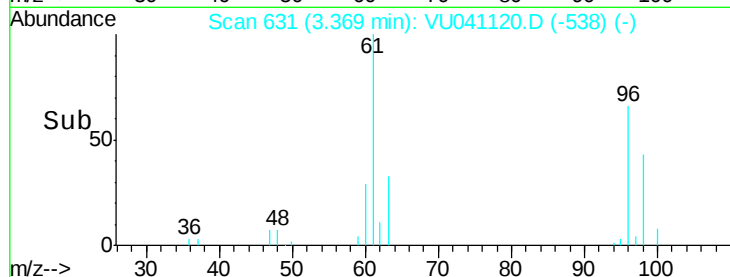
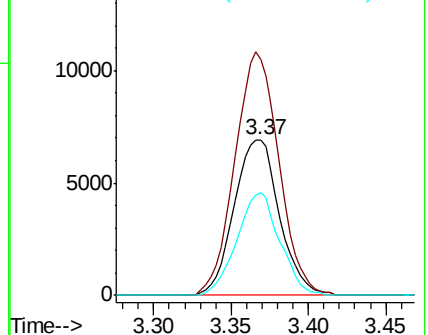
98 65.8 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU041120.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU041120.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU041120.D (-538) (-)



#19

1,1-Dichloroethane

Concen: 2.175 ug/L

RT: 3.88 min Scan# 791

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

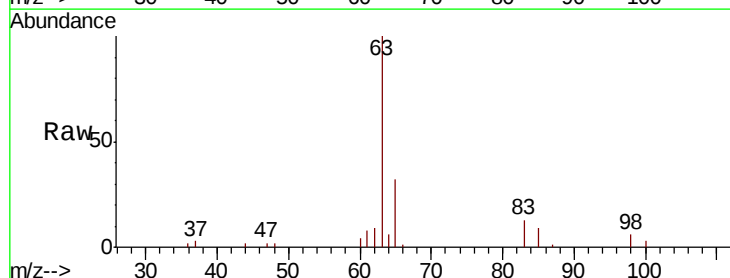
Tgt Ion: 63 Resp: 21114

Ion Ratio Lower Upper

63 100

65 31.7 21.3 39.6

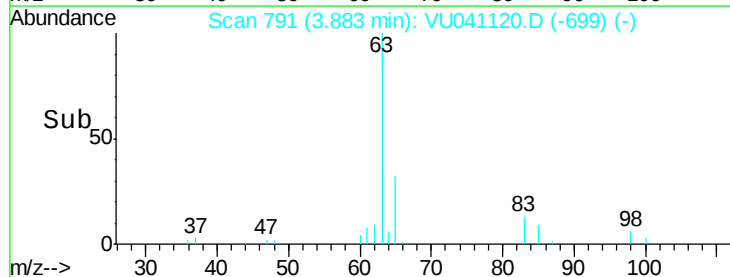
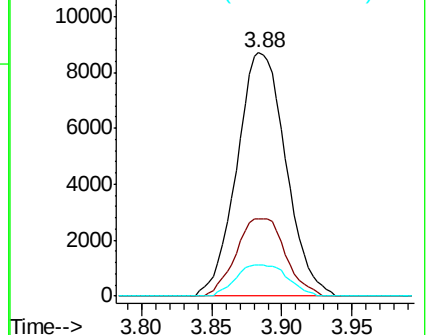
83 12.7 8.8 16.3

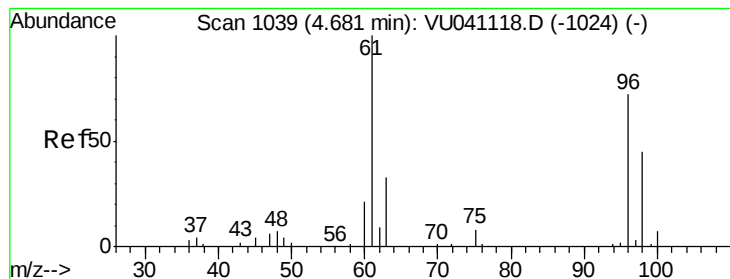


Abundance Ion 63.10 (62.80 to 63.80): VU041120.D (-699) (-)

Ion 65.10 (64.80 to 65.80): VU041120.D (-699) (-)

Ion 83.05 (82.75 to 83.75): VU041120.D (-699) (-)





#22

cis-1,2-Dichloroethene

Concen: 4.594 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

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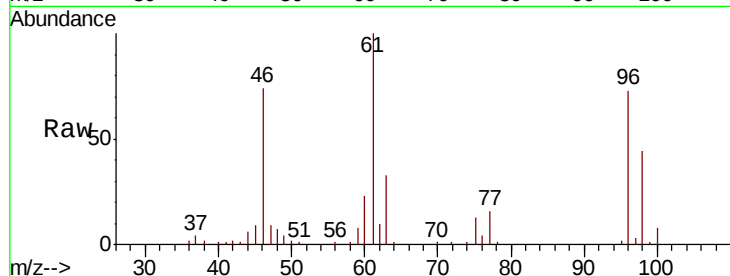
Tot Ion: 96 Resp: 23014

Ion Ratio Lower Upper

96 100

61 136.3 97.2 180.4

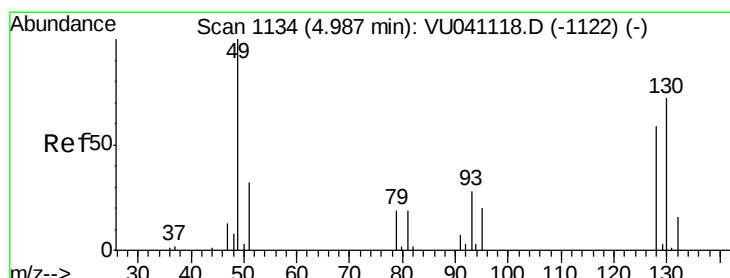
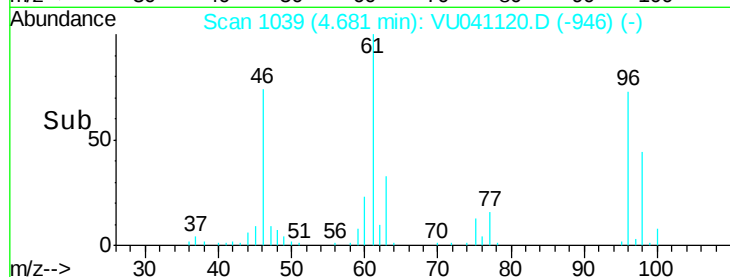
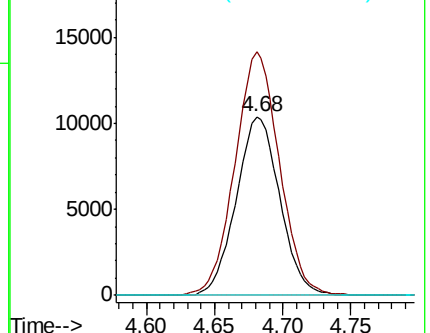
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041120.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU041120.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU041120.D (-946) (-)



#23

Bromochloromethane

Concen: 5.656 ug/L

RT: 4.99 min Scan# 1135

Delta R.T. 0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Tgt Ion:128 Resp: 13368

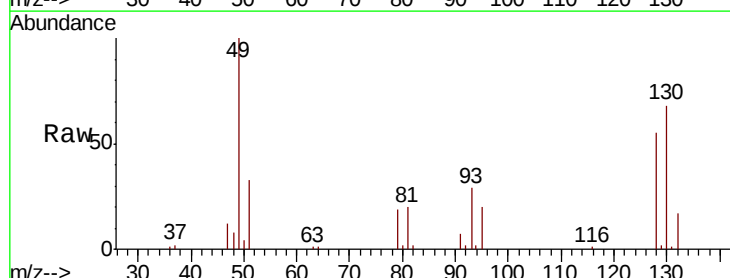
Ion Ratio Lower Upper

128 100

49 182.1 135.0 250.8

130 124.4 89.9 167.0

51 60.3 51.9 77.9

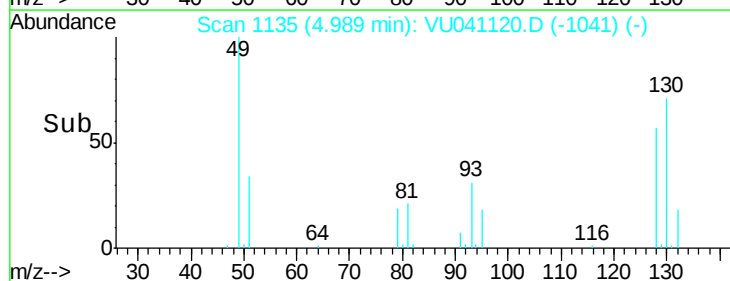
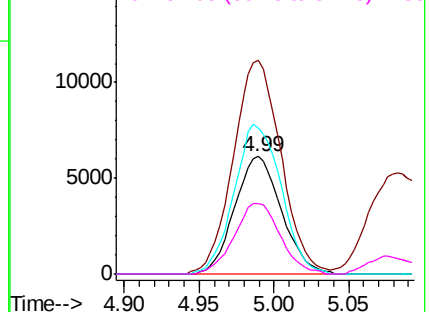


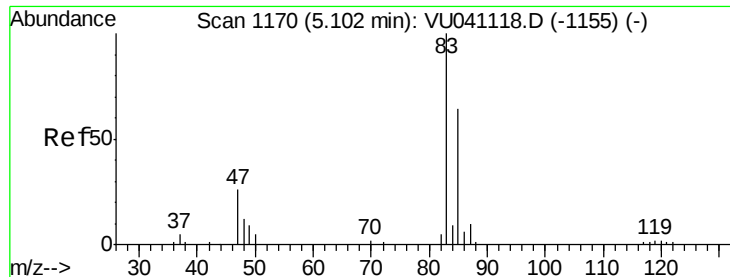
Abundance Ion 127.90 (127.60 to 128.60): VU041120.D (-1041) (-)

Ion 49.10 (48.80 to 49.80): VU041120.D (-1041) (-)

Ion 129.95 (129.65 to 130.65): VU041120.D (-1041) (-)

Ion 51.05 (50.75 to 51.75): VU041120.D (-1041) (-)

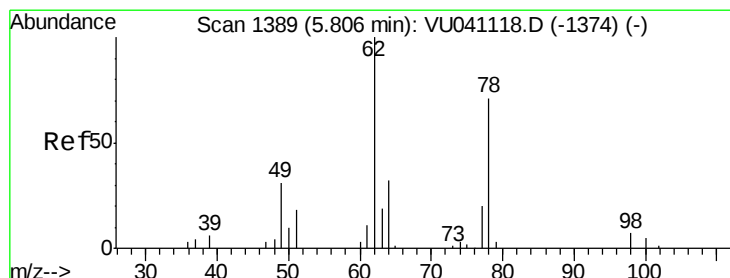
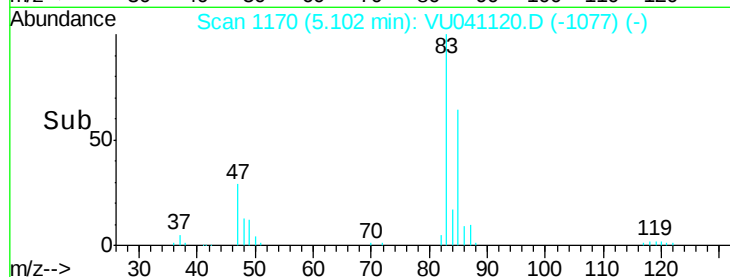
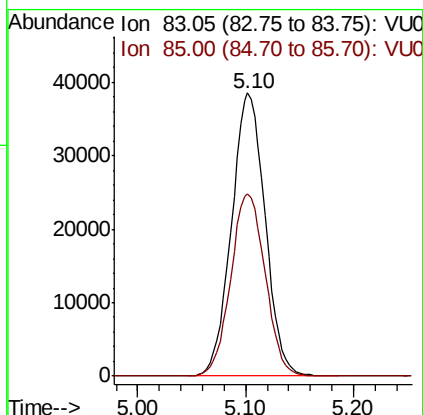
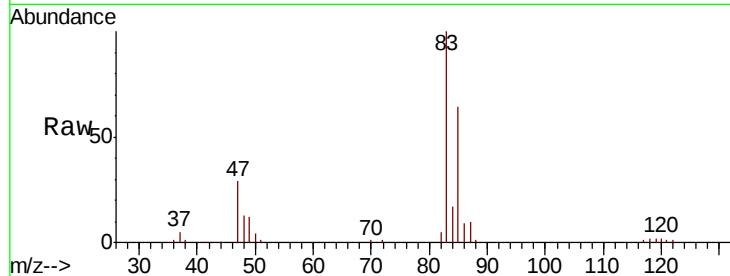




#25
Chloroform
Concen: 8.594 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041120.D
Acq: 06 Nov 2020 18:12

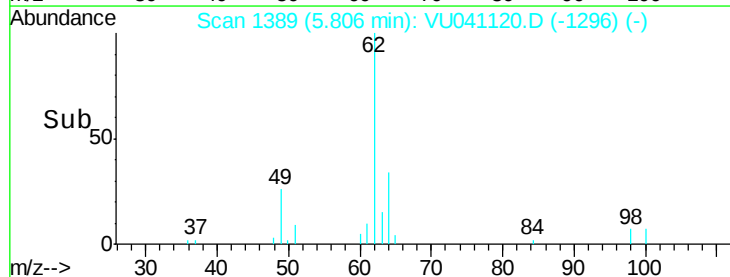
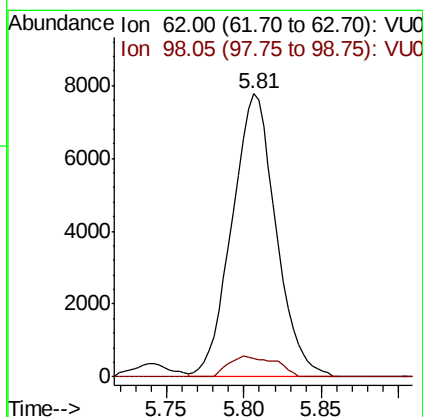
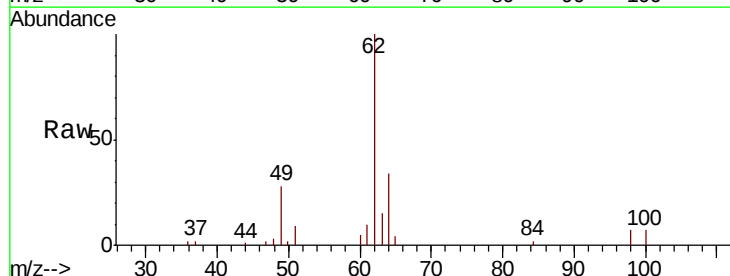
Instrument :
MSVOA_U
ClientSampleId :
GB0G5

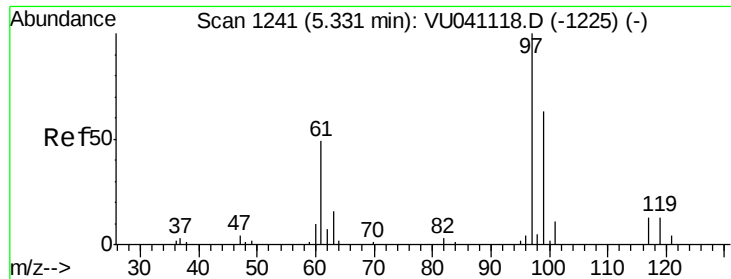
Tot Ion: 83 Resp: 83675
Ion Ratio Lower Upper
83 100
85 64.3 46.1 85.7



#27
1,2-Dichloroethane
Concen: 2.118 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU041120.D
Acq: 06 Nov 2020 18:12

Tgt Ion: 62 Resp: 15358
Ion Ratio Lower Upper
62 100
98 6.5 7.6 11.4#

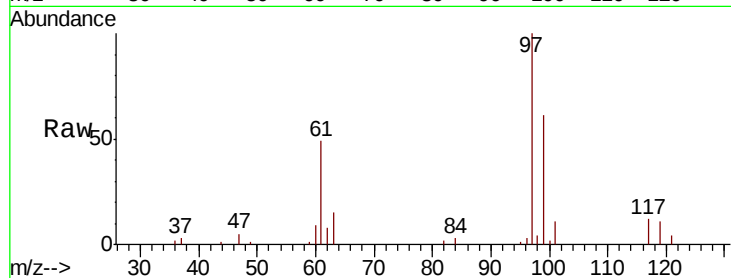




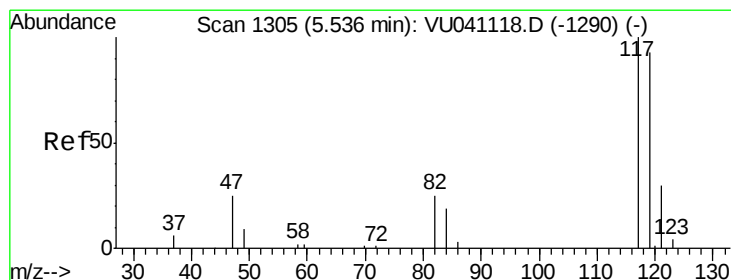
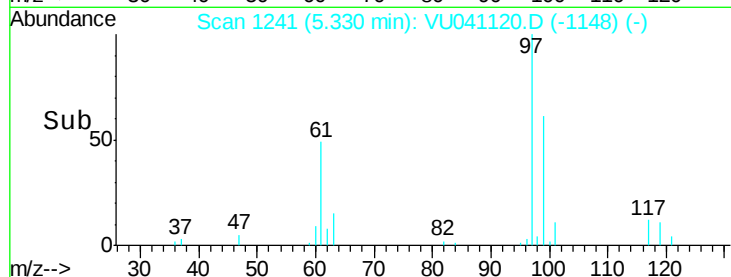
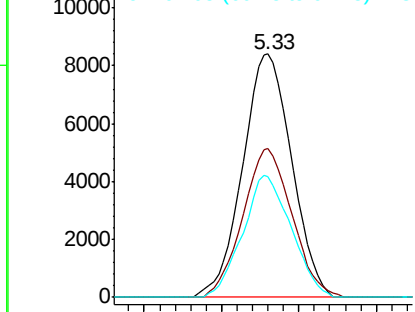
#29
 1,1,1-Trichloroethane
 Concen: 2.167 ug/L
 RT: 5.33 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VU041120.D
 Acq: 06 Nov 2020 18:12

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G5

Tot Ion: 97 Resp: 18539
 Ion Ratio Lower Upper
 97 100
 99 61.2 53.4 80.0
 61 49.5 41.6 62.4

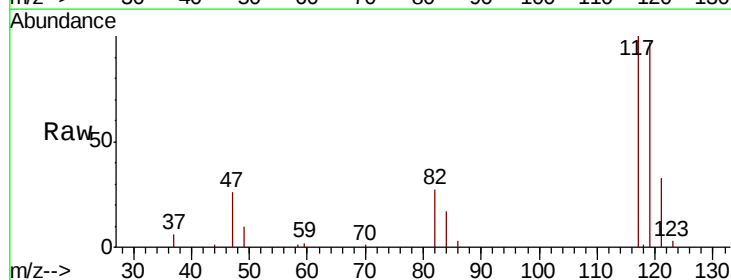


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

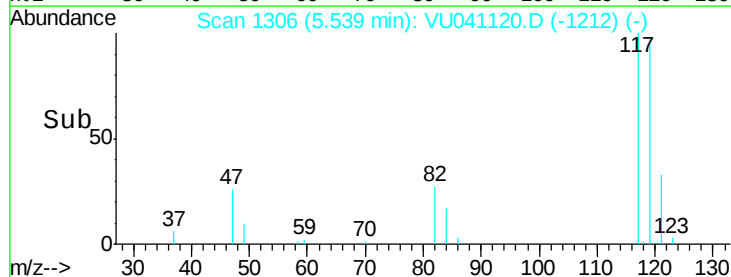
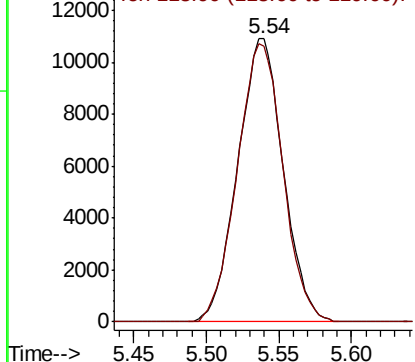


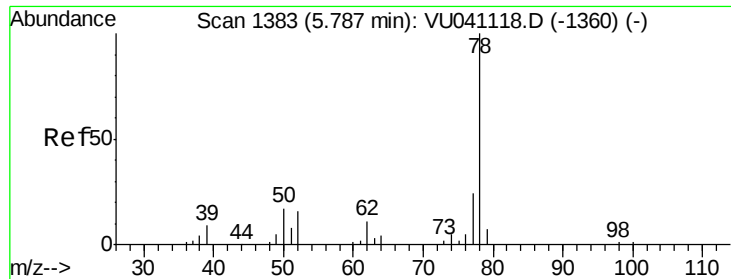
#31
 Carbon tetrachloride
 Concen: 3.137 ug/L
 RT: 5.54 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU041120.D
 Acq: 06 Nov 2020 18:12

Tgt Ion: 117 Resp: 23761
 Ion Ratio Lower Upper
 117 100
 119 98.4 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#33

Benzene

Concen: 0.032 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

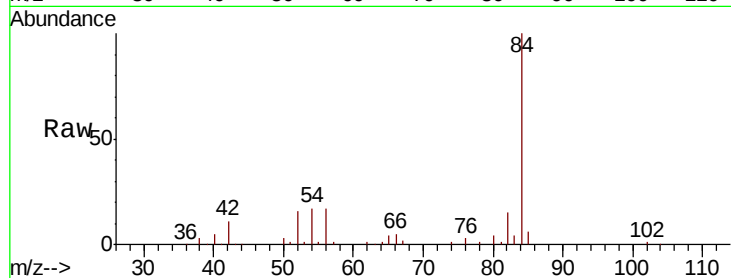
Instrument :

MSVOA_U

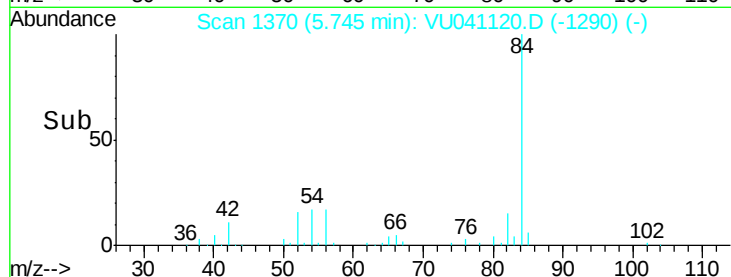
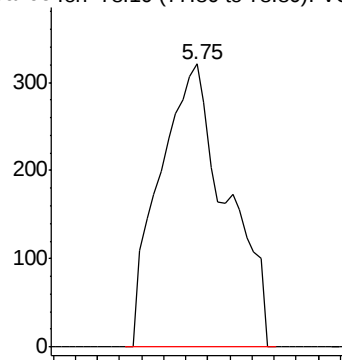
ClientSampled :

GB0G5

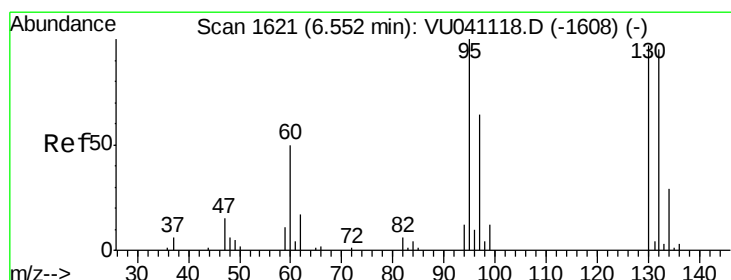
Tgt Ion: 78 Resp: 675



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#34

Trichloroethene

Concen: 2.386 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Tgt Ion: 95 Resp: 12690

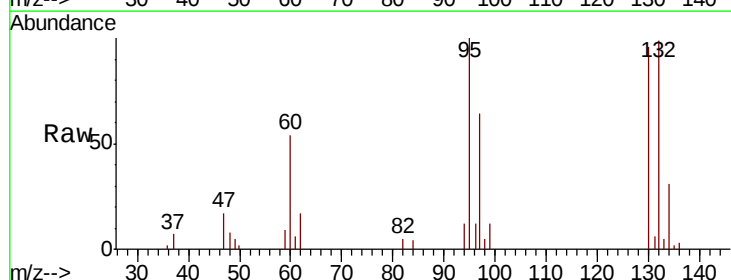
Ion Ratio Lower Upper

95 100

97 64.4 45.6 84.6

132 99.3 64.8 120.4

130 96.3 64.8 120.4



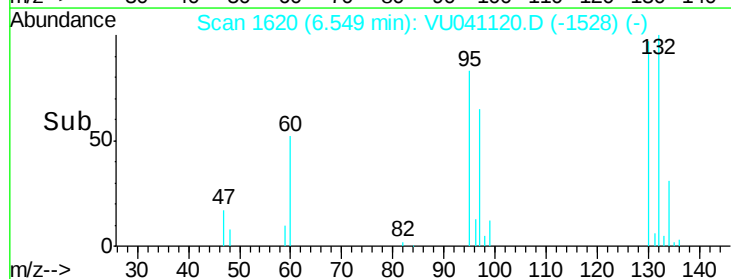
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

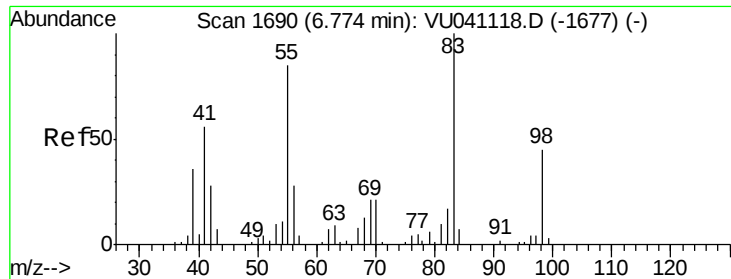
Ion 129.95 (129.65 to 130.65): V

Time-->



Time-->

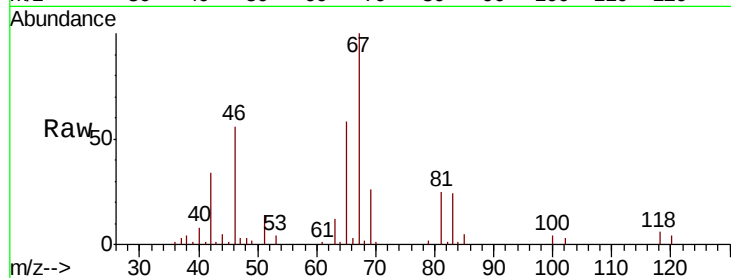
Time-->



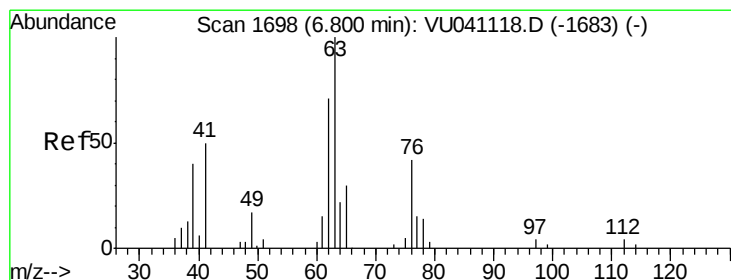
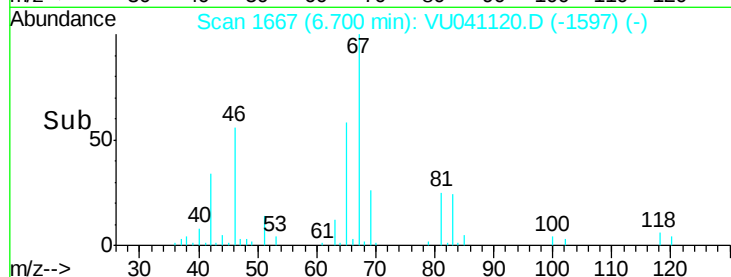
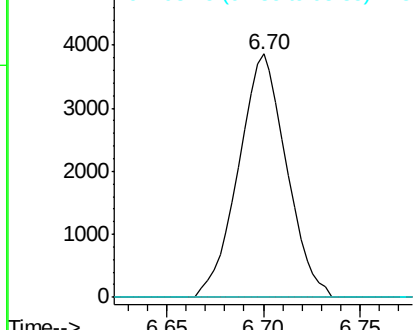
#35
Methvlcvclohexane
Concen: 0.836 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041120.D
Acq: 06 Nov 2020 18:12

Instrument :
MSVOA_U
ClientSampleId :
GB0G5

Tot Ion: 83 Resp: 6631
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 6.1 36.6 55.0#

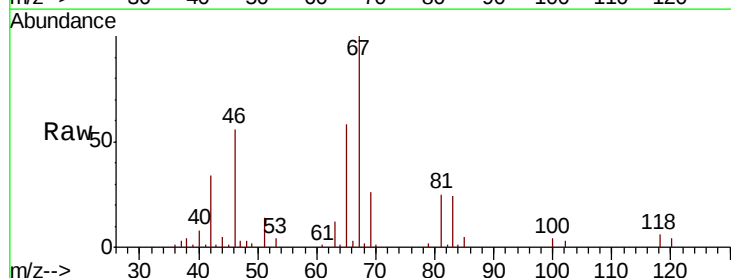


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

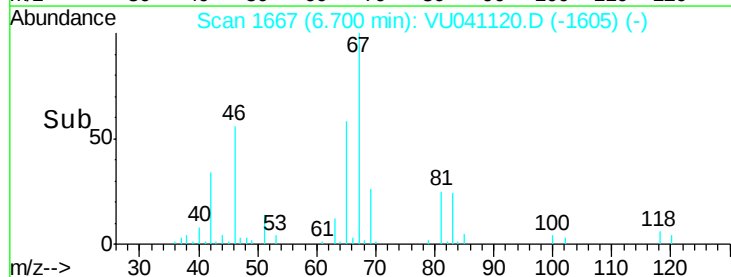
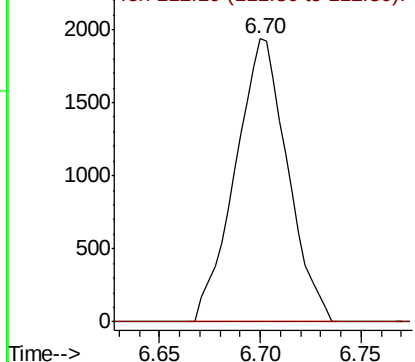


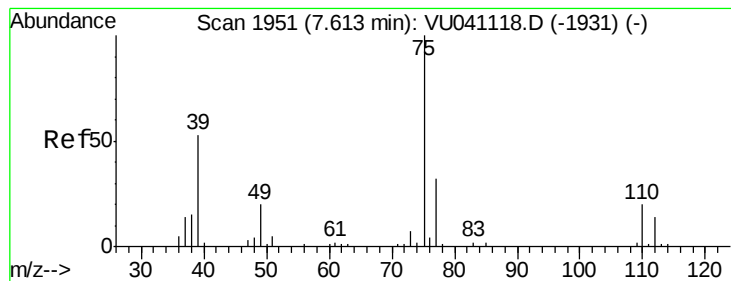
#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041120.D
Acq: 06 Nov 2020 18:12

Tgt Ion: 63 Resp: 3510
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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: 5.096 ug/L

RT: 7.61 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

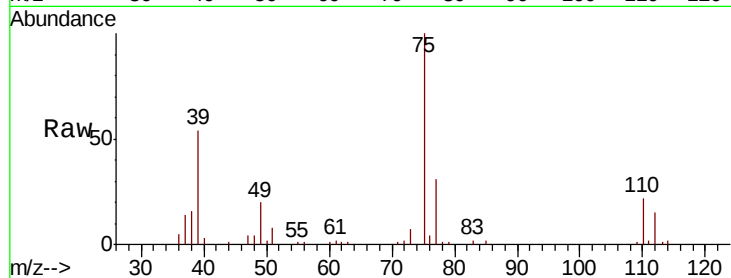
GB0G5

Tot Ion: 75 Resp: 39680

Ion Ratio Lower Upper

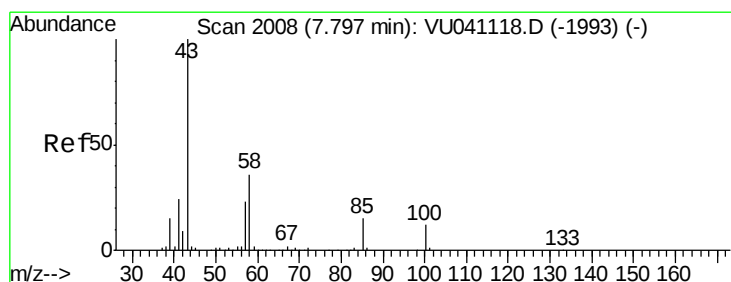
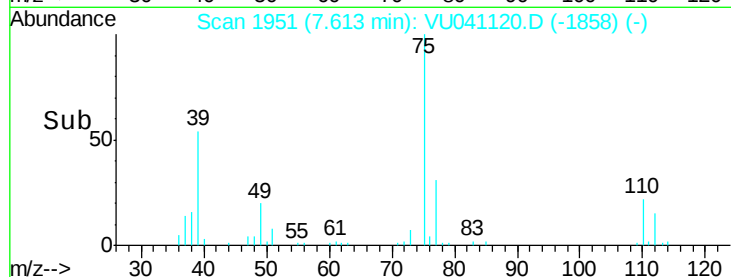
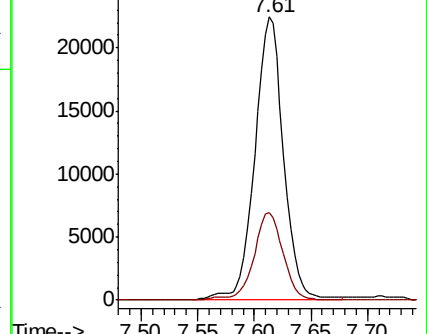
75 100

77 30.9 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VU041118.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU041118.D (-1931) (-)



#40

4-Methyl-2-pentanone

Concen: 63.533 ug/L

RT: 7.80 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

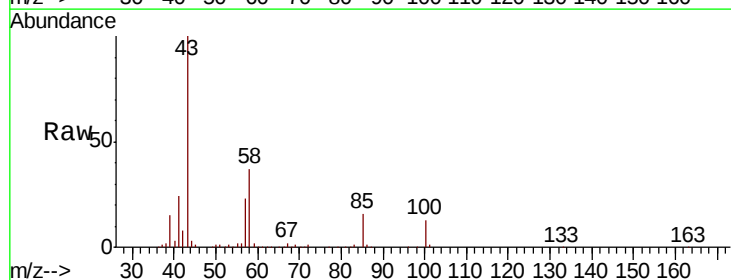
Tgt Ion: 43 Resp: 286454

Ion Ratio Lower Upper

43 100

58 36.5 29.8 44.6

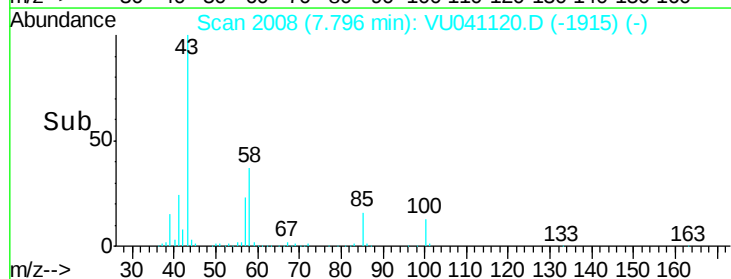
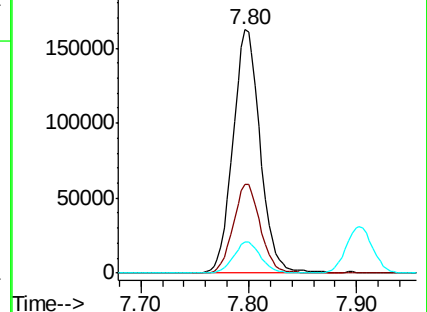
100 12.8 10.5 15.7

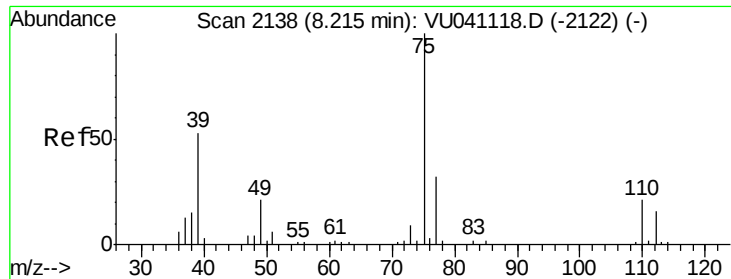


Abundance Ion 43.05 (42.75 to 43.75): VU041118.D (-1993) (-)

Ion 58.05 (57.75 to 58.75): VU041118.D (-1993) (-)

Ion 100.15 (99.85 to 100.85): VU041118.D (-1993) (-)





#44

trans-1,3-Dichloropropene

Concen: 2.652 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

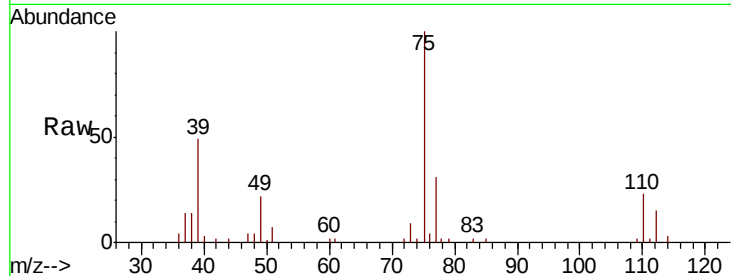
GB0G5

Tot Ion: 75 Resp: 19320

Ion Ratio Lower Upper

75 100

77 30.6 23.3 43.3

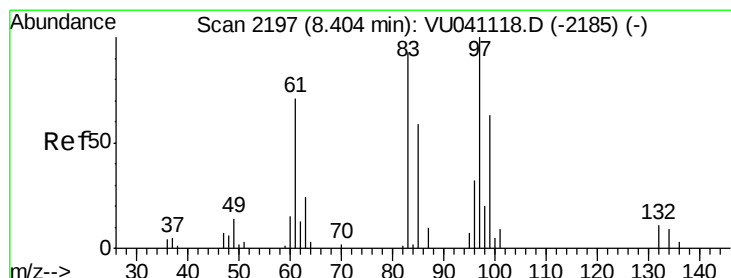
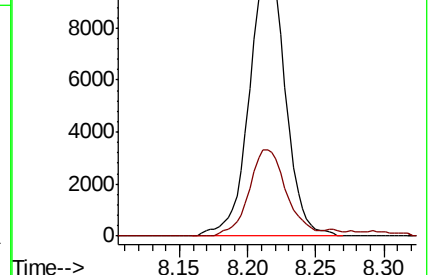
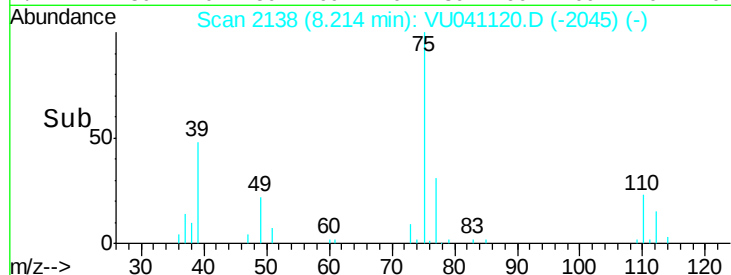


Abundance Ion 75.05 (74.75 to 75.75): VU041118.D (-2122) (-)

Ion 77.05 (76.75 to 77.75): VU041118.D (-2122) (-)

8.21

Time-->



#45

1,1,2-Trichloroethane

Concen: 2.060 ug/L

RT: 8.40 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Tgt Ion: 97 Resp: 8673

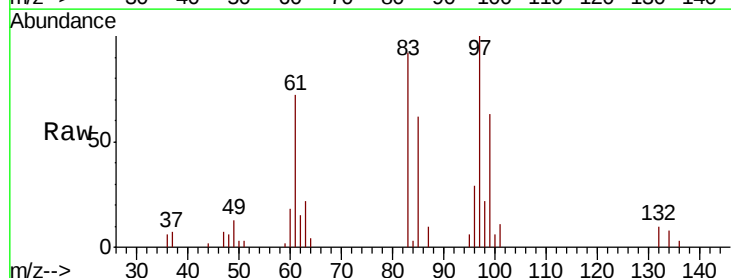
Ion Ratio Lower Upper

97 100

99 62.6 45.8 85.2

83 92.2 67.9 126.1

85 61.8 42.8 79.6



Abundance Ion 96.95 (96.65 to 97.65): VU041118.D (-2185) (-)

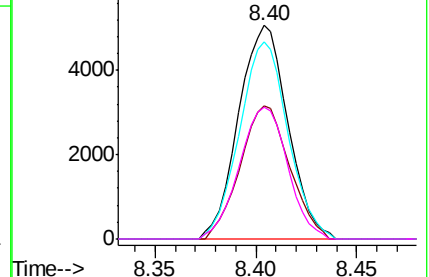
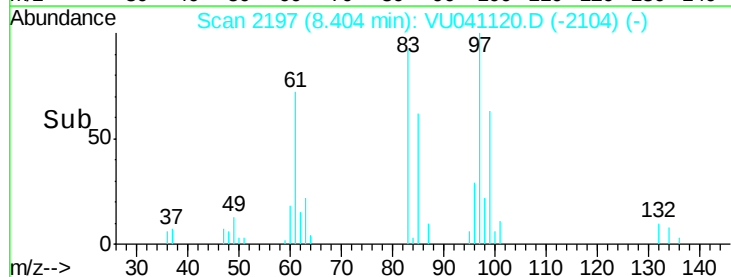
Ion 99.05 (98.75 to 99.75): VU041118.D (-2185) (-)

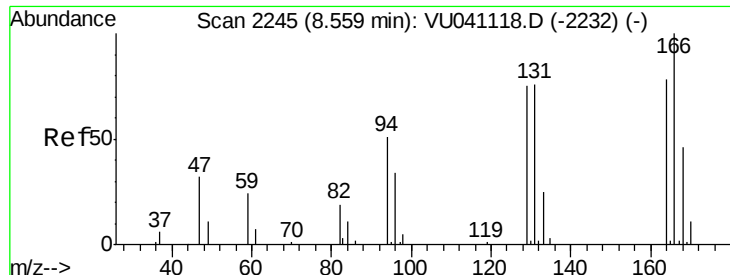
Ion 82.95 (82.65 to 83.65): VU041118.D (-2185) (-)

Ion 85.00 (84.70 to 85.70): VU041118.D (-2185) (-)

8.40

Time-->





#47

Tetrachloroethene

Concen: 3.411 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

GB0G5

Tot Ion:164 Resp: 13341

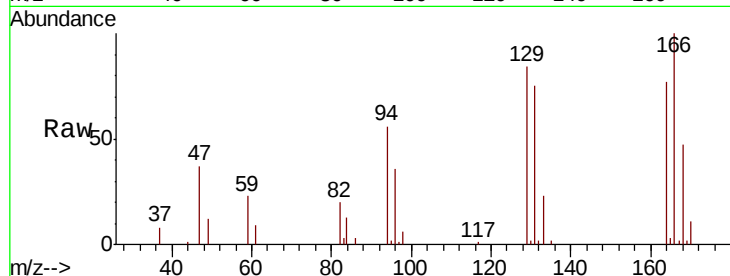
Ion Ratio Lower Upper

164 100

129 108.2 70.3 130.7

131 97.4 70.8 131.4

166 129.6 92.0 170.8

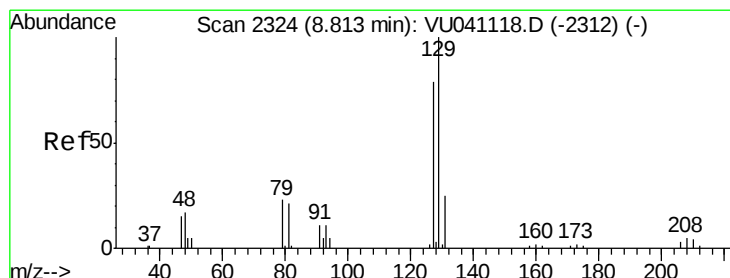
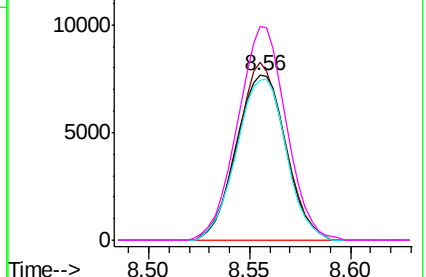
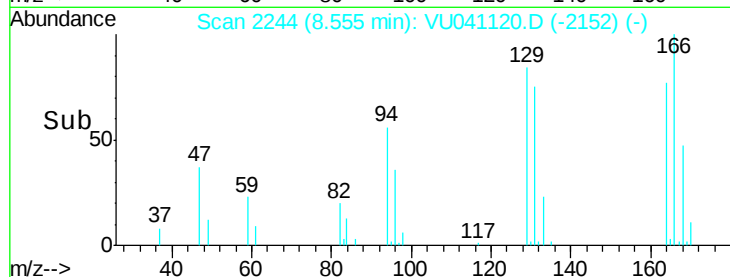


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 2.792 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041120.D

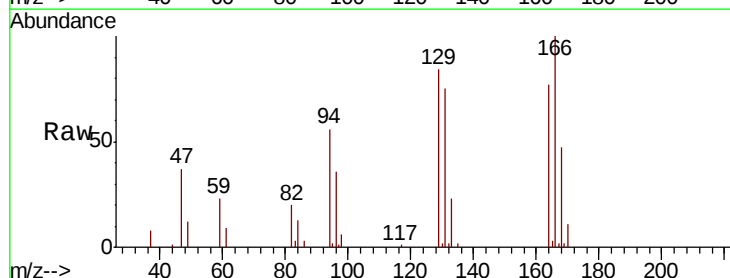
Acq: 06 Nov 2020 18:12

Tgt Ion:129 Resp: 13649

Ion Ratio Lower Upper

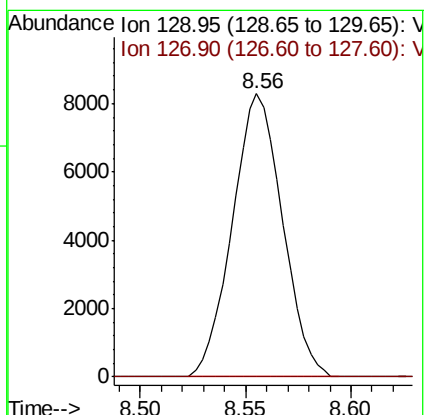
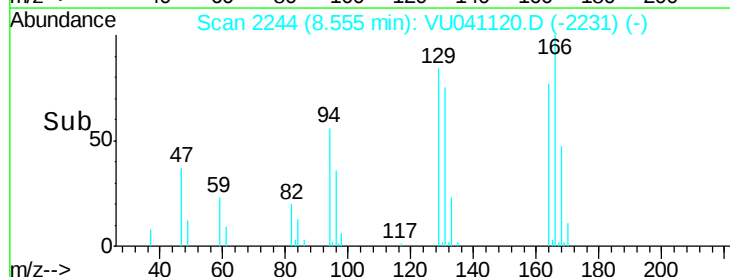
129 100

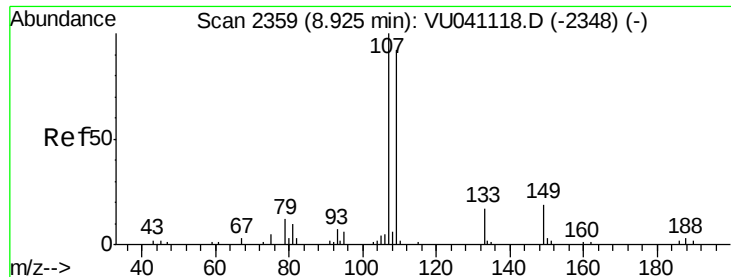
127 0.0 53.4 99.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

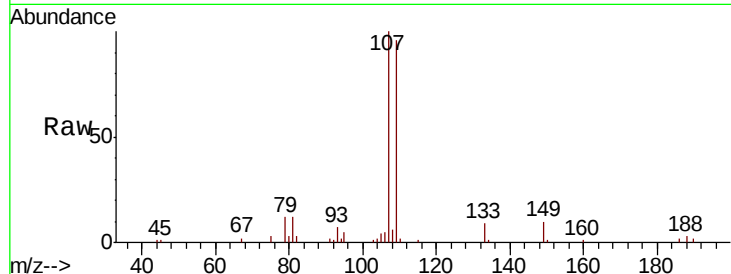




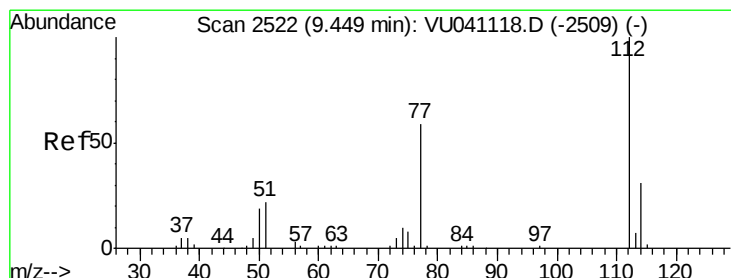
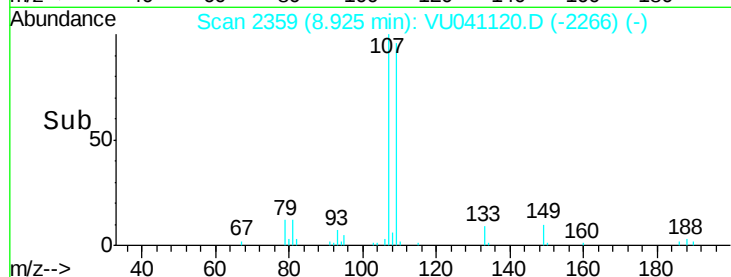
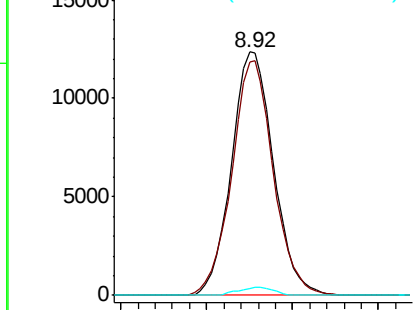
#50
1,2-Dibromoethane
Concen: 5.246 ug/L
RT: 8.92 min Scan# 2359
Delta R.T. -0.00 min
Lab File: VU041120.D
Acq: 06 Nov 2020 18:12

Instrument :
MSVOA_U
ClientSampleId :
GB0G5

Tot Ion:107 Resp: 21041
Ion Ratio Lower Upper
107 100
109 96.0 65.6 121.8
188 2.7 2.9 4.3#

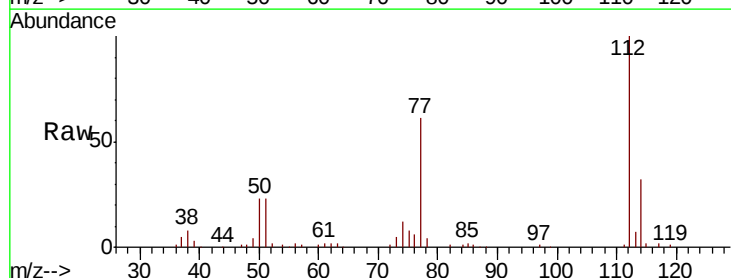


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

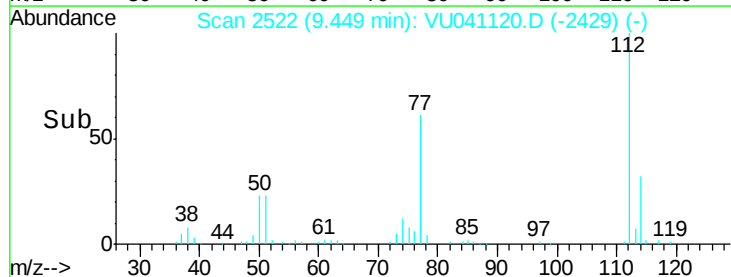
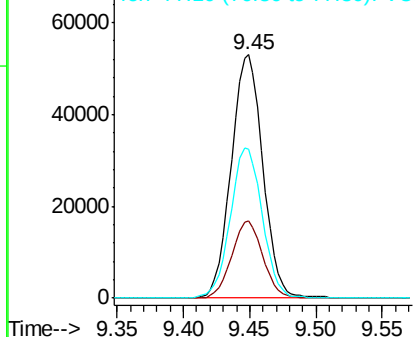


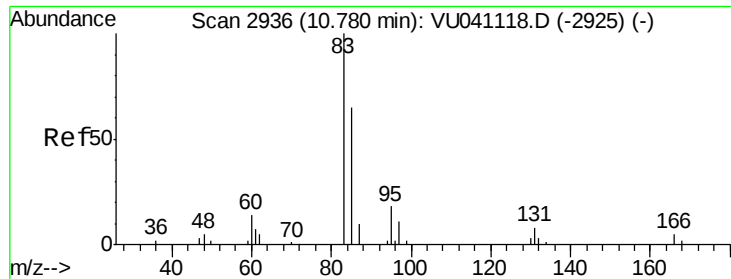
#51
Chlorobenzene
Concen: 6.543 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU041120.D
Acq: 06 Nov 2020 18:12

Tgt Ion:112 Resp: 87926
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 61.0 51.2 76.8



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#58

1,1,2,2-Tetrachloroethane

Concen: 1.644 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

GB0G5

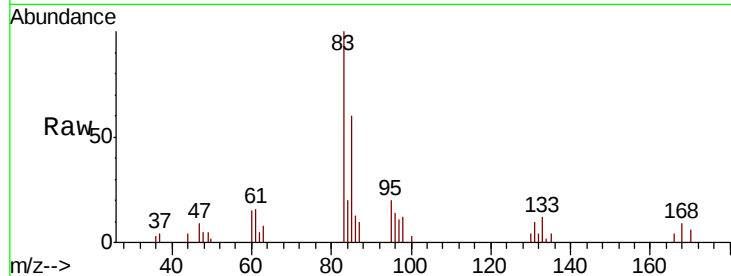
Tot Ion: 83 Resp: 9091

Ion Ratio Lower Upper

83 100

85 60.0 44.4 82.4

131 10.2 7.7 11.5

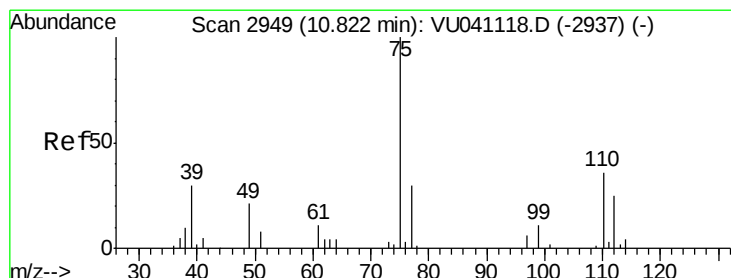
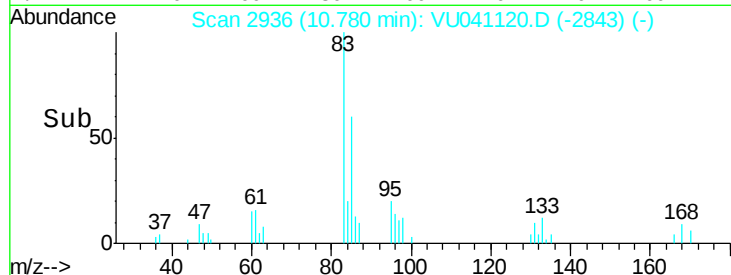


Abundance Ion 82.95 (82.65 to 83.65): VU041118.D (-2925) (-)

Ion 85.00 (84.70 to 85.70): VU041118.D (-2925) (-)

Ion 130.95 (130.65 to 131.65): VU041118.D (-2925) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.179 ug/L

RT: 11.47 min Scan# 3149

Delta R.T. 0.64 min

Lab File: VU041120.D

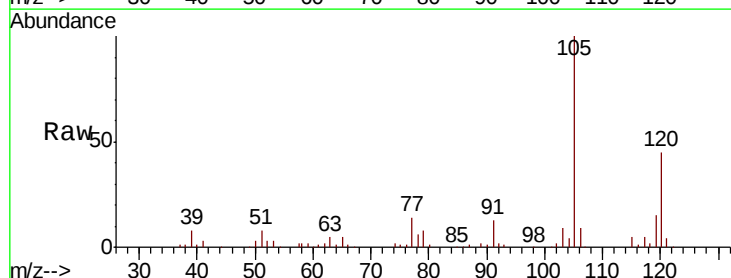
Acq: 06 Nov 2020 18:12

Tgt Ion: 75 Resp: 754

Ion Ratio Lower Upper

75 100

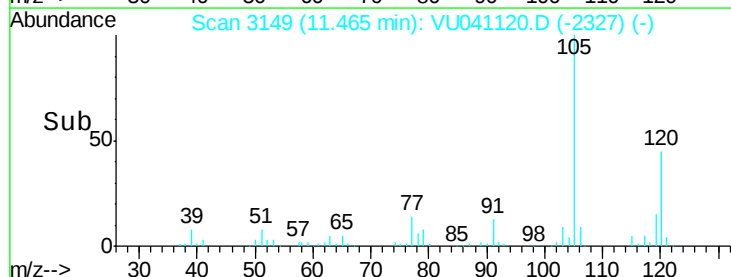
77 1328.6 25.7 38.5#

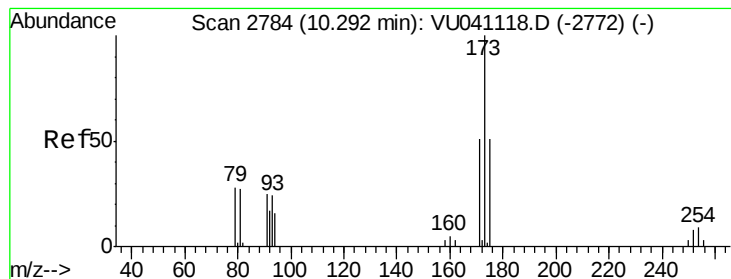


Abundance Ion 75.00 (74.70 to 75.70): VU041118.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU041118.D (-2937) (-)

Time-->





#61

Bromoform

Concen: 3.255 ug/L

RT: 10.29 min Scan# 2783

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampled :

GB0G5

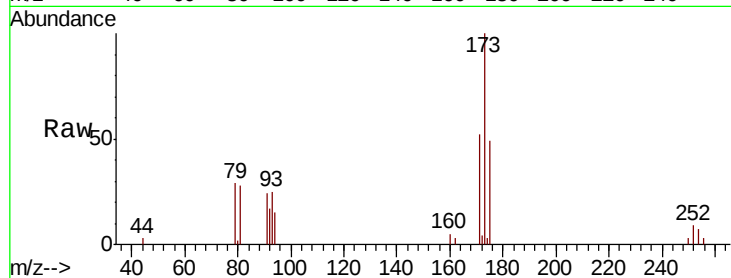
Tot Ion:173 Resp: 9143

Ion Ratio Lower Upper

173 100

175 49.1 37.6 56.4

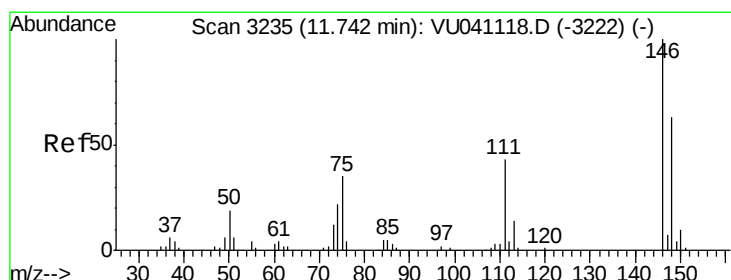
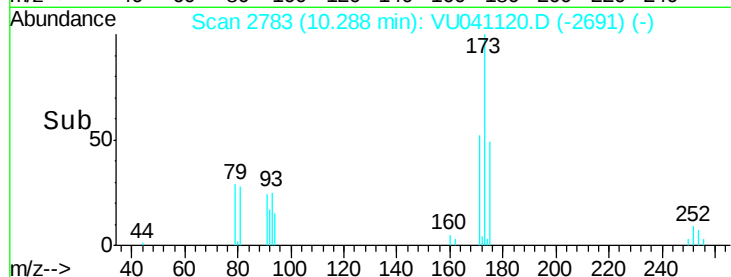
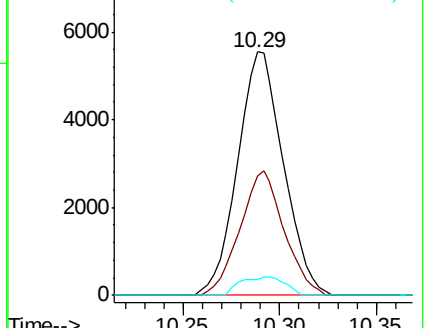
254 7.4 6.6 9.8



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



#62

1,3-Dichlorobenzene

Concen: 3.387 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

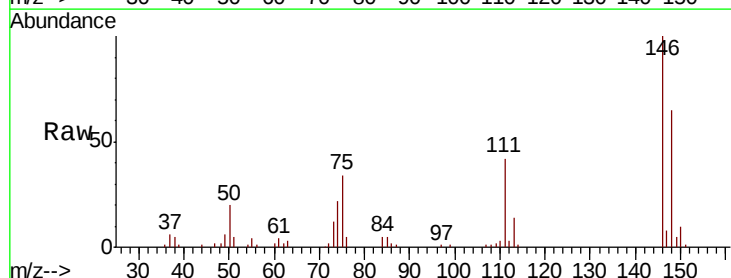
Tgt Ion:146 Resp: 35636

Ion Ratio Lower Upper

146 100

111 42.0 30.9 57.3

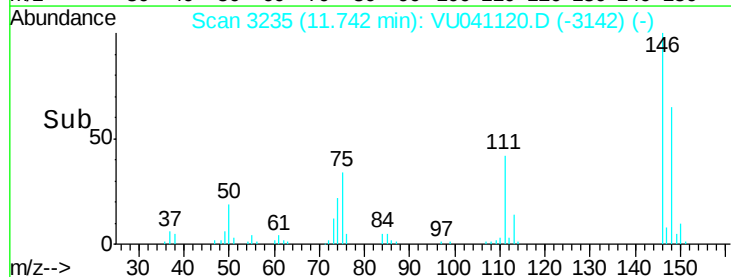
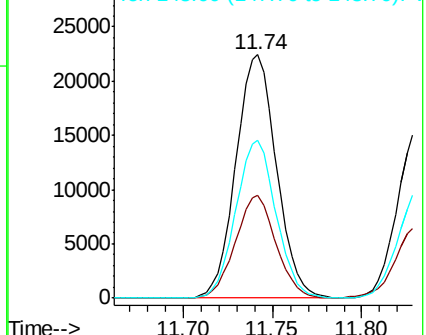
148 64.6 45.8 85.2

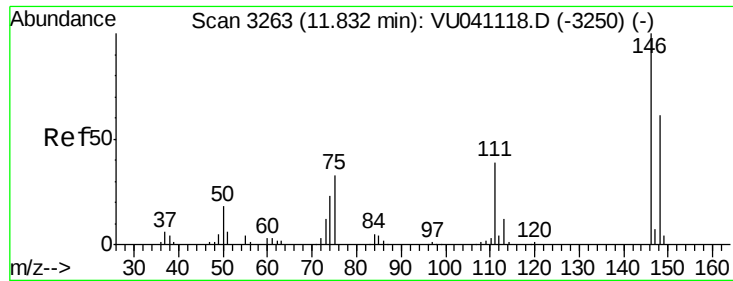


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

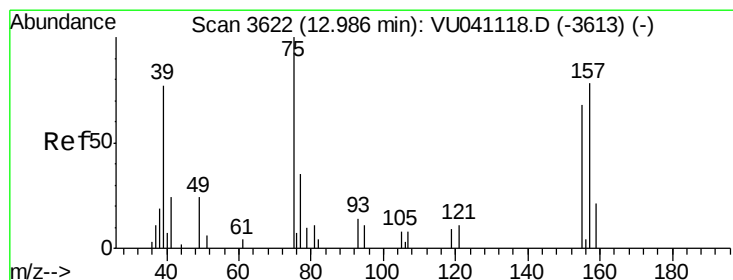
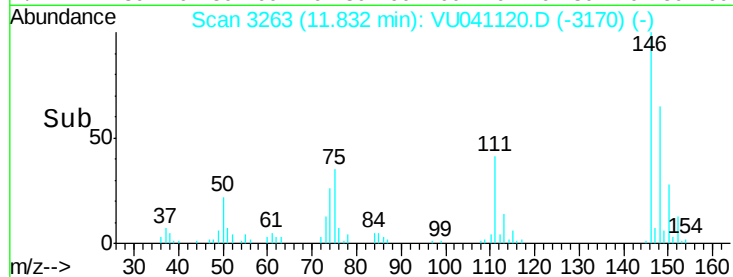
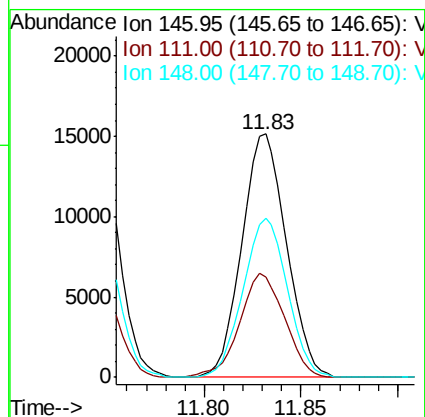
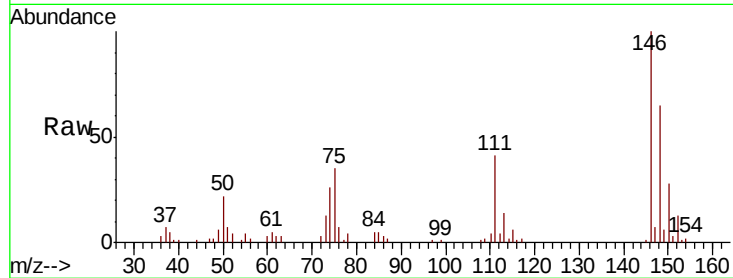




#63
 1,4-Dichlorobenzene
 Concen: 2.230 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU041120.D
 Acq: 06 Nov 2020 18:12

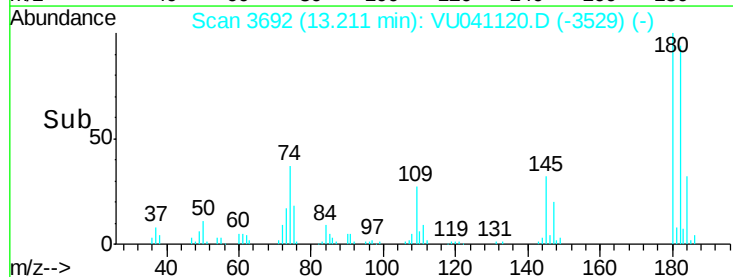
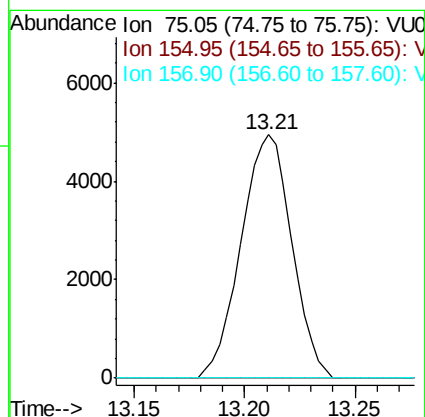
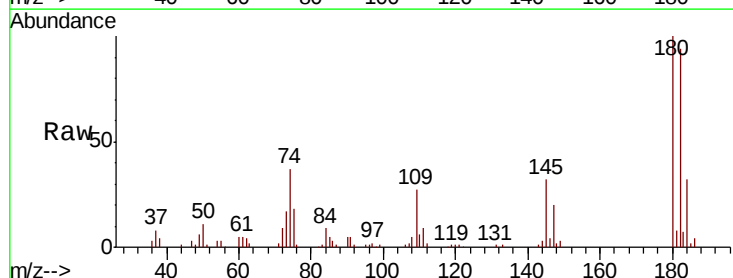
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G5

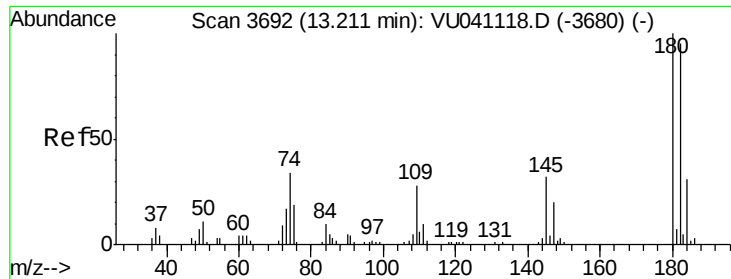
Tot Ion:146 Resp: 24303
 Ion Ratio Lower Upper
 146 100
 111 41.4 28.3 52.7
 148 65.5 44.2 82.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 7.751 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.22 min
 Lab File: VU041120.D
 Acq: 06 Nov 2020 18:12

Tgt Ion: 75 Resp: 7888
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.4 92.2#
 157 0.0 74.2 111.4#

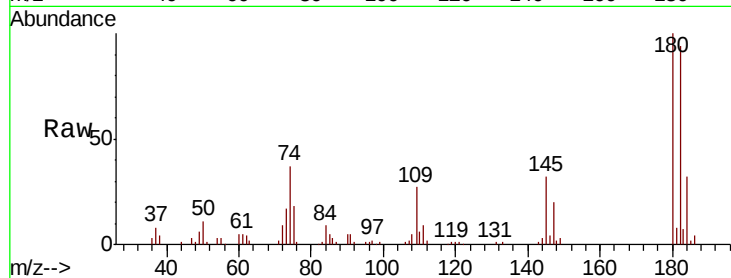




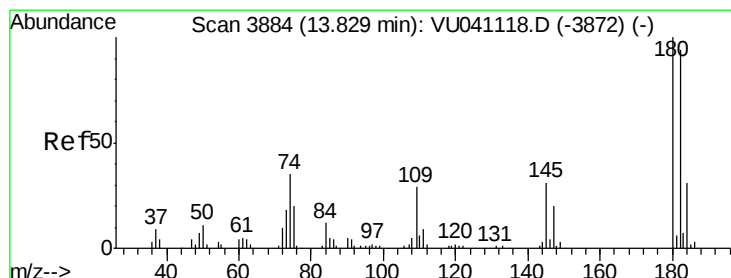
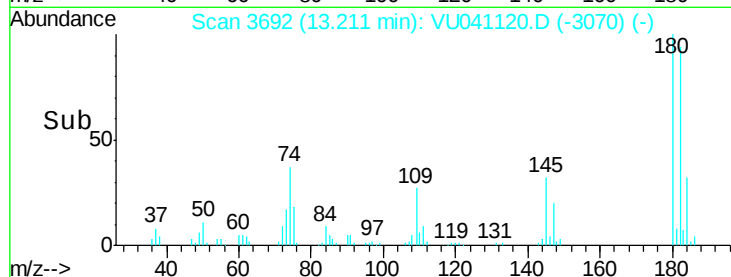
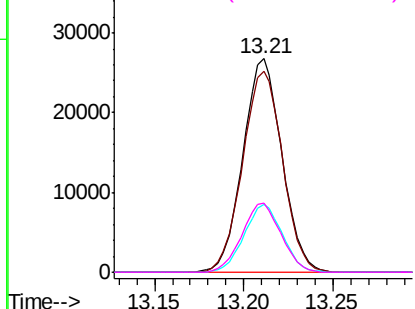
#67
 1,3,5-Trichlorobenzene
 Concen: 5.591 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: VU041120.D
 Acq: 06 Nov 2020 18:12

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G5

Tot Ion:180 Resp: 41145
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.7 113.5
 184 31.0 23.7 35.5
 145 32.2 26.1 39.1

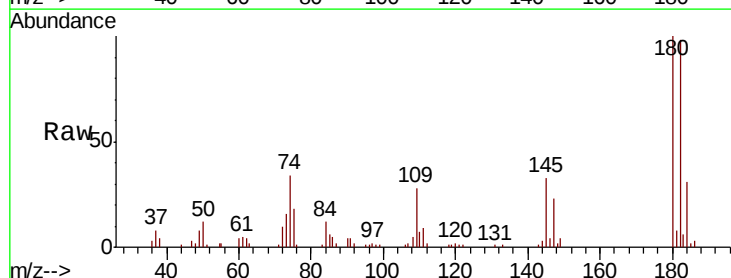


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

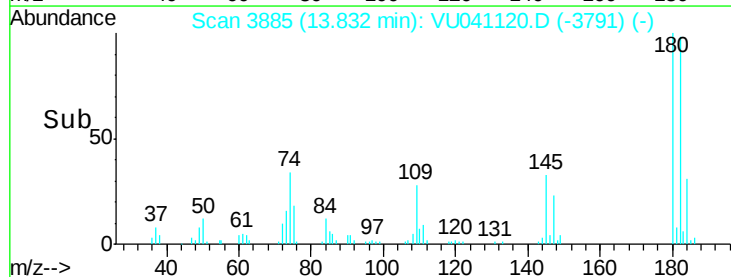
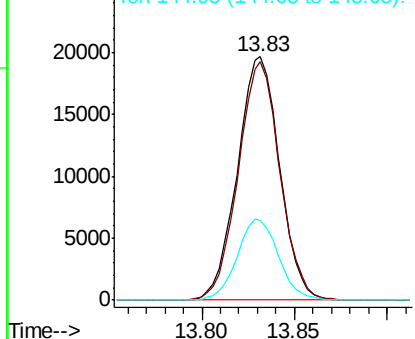


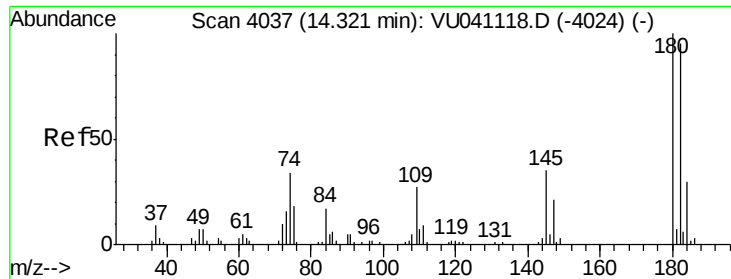
#68
 1,2,4-trichlorobenzene
 Concen: 5.096 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU041120.D
 Acq: 06 Nov 2020 18:12

Tgt Ion:180 Resp: 31069
 Ion Ratio Lower Upper
 180 100
 182 96.8 73.5 110.3
 145 32.6 26.6 40.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#70

1,2,3-Trichlorobenzene

Concen: 3.115 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU041120.D

Acq: 06 Nov 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

GB0G5

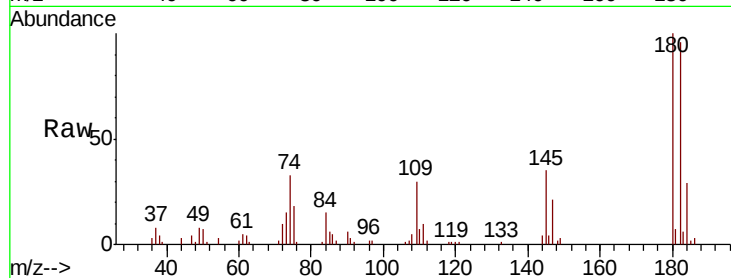
Tot Ion:180 Resp: 17504

Ion Ratio Lower Upper

180 100

182 95.5 77.7 116.5

145 34.6 29.4 44.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

