

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041608.D
 Acq On : 14 Dec 2020 13:19
 Operator : SY/MD
 Sample : L5029-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K7

Quant Time: Dec 15 00:48:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135877	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49364	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.92	69	39881	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	82220	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.66	46	162723	53.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	5.08	84	94637	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	51763	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	182288	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	56560	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	175117	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.19	79	26995	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.64	63	147582	50.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53352	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	62856	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	42953	3.731	ug/L	99
5) Vinyl chloride	1.61	62	46554	3.770	ug/L	99
8) Chloroethane	1.94	64	99521	11.865	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	104143	11.141	ug/L	99
12) 1,1-Dichloroethene	2.59	96	20993	2.278	ug/L #	73
13) Acetone	2.66	43	356795	183.828	ug/L	99
15) Methyl Acetate	2.97	43	50373	9.983	ug/L	93
16) Methylene chloride	3.06	84	2647	0.240	ug/L	89
18) trans-1,2-Dichloroethene	3.37	96	27068	2.839	ug/L	97
19) 1,1-Dichloroethane	3.89	63	37940	2.129	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	44491	4.222	ug/L	96
23) Bromochloromethane	4.99	128	26116	5.395	ug/L	91
25) Chloroform	5.11	83	146837	8.183	ug/L	99
27) 1,2-Dichloroethane	5.81	62	25842	2.127	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	30722	2.039	ug/L	98
31) Carbon tetrachloride	5.54	117	42333	3.249	ug/L	99
34) Trichloroethene	6.56	95	23648	2.243	ug/L	98

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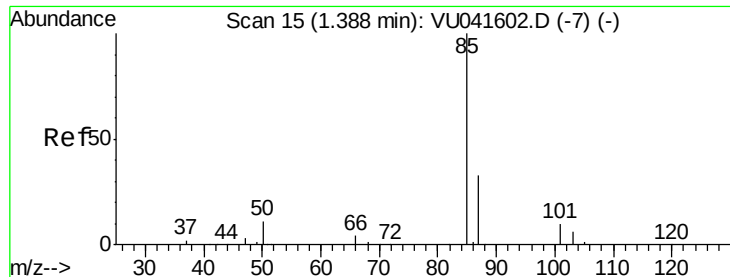
Instrument :
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Quant Time: Dec 15 00:48:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) Methylcyclohexane	6.70	83	12596	0.739	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5947	0.554	ug/L #	88
39) cis-1,3-Dichloropropene	7.62	75	77442	4.869	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	462395	60.538	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	36333	2.554	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	17337	2.184	ug/L	97
47) Tetrachloroethene	8.56	164	25286	3.425	ug/L	94
48) 2-Hexanone	8.64	43	16775	3.018	ug/L #	68
49) Dibromochloromethane	8.56	129	24043	2.637	ug/L #	10
50) 1,2-Dibromoethane	8.93	107	40570	5.167	ug/L	95
51) Chlorobenzene	9.45	112	168770	6.267	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	19062	1.726	ug/L	95
59) 1,2,3-Trichloropropane	11.46	75	1639	0.203	ug/L #	1
61) Bromoform	10.29	173	17478	3.300	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	68445	3.195	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	46609	2.164	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.21	75	14132	7.182	ug/L #	8
67) 1,3,5-Trichlorobenzene	13.21	180	83434	5.130	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	65941	4.832	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	36765	2.826	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 3.731 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU041608.D

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Instrument :

MSVOA_U

ClientSampleId :

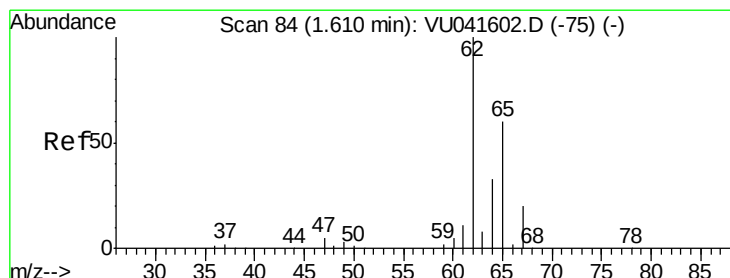
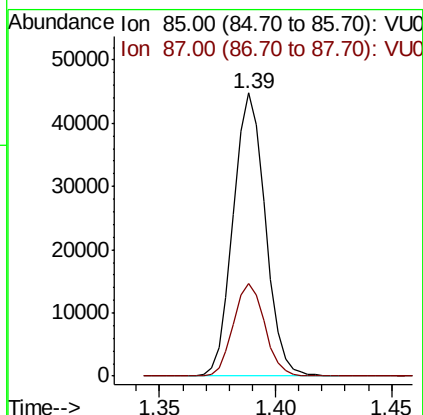
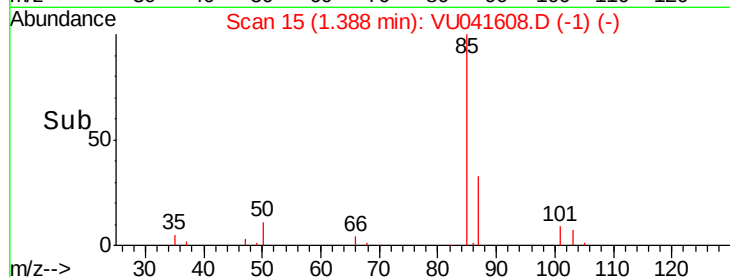
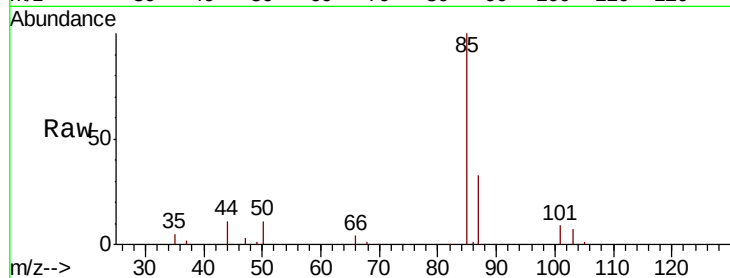
GB1K7

Tot Ion: 85 Resp: 42953

Ion Ratio Lower Upper

85 100

87 31.8 25.8 38.6



#5

Vinyl chloride

Concen: 3.770 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041608.D

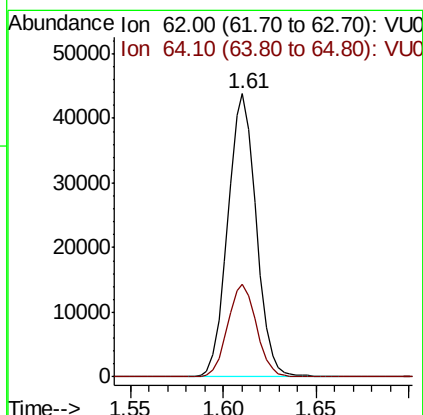
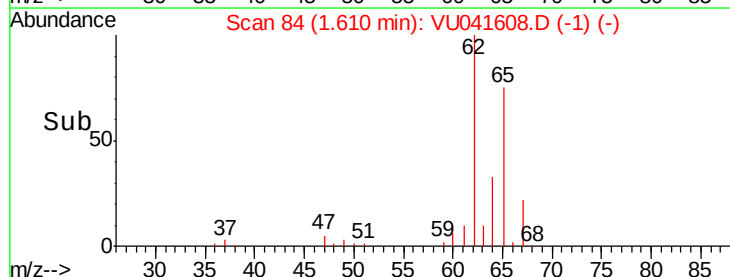
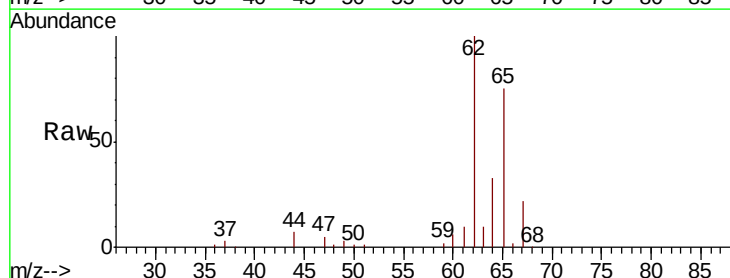
Acq: 14 Dec 2020 13:19

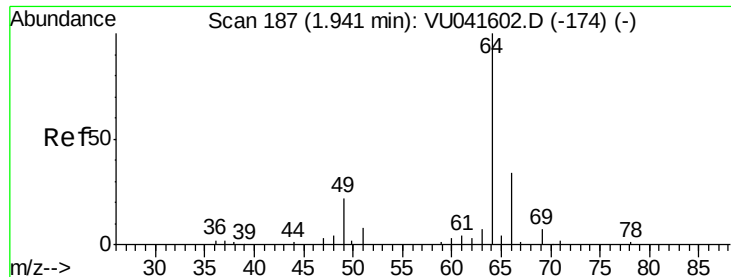
Tgt Ion: 62 Resp: 46554

Ion Ratio Lower Upper

62 100

64 32.7 22.5 41.7





#8

Chloroethane

Concen: 11.865 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

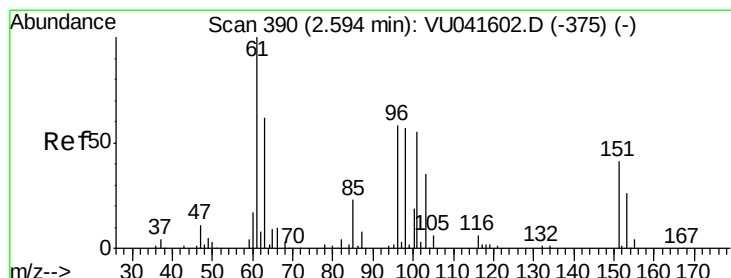
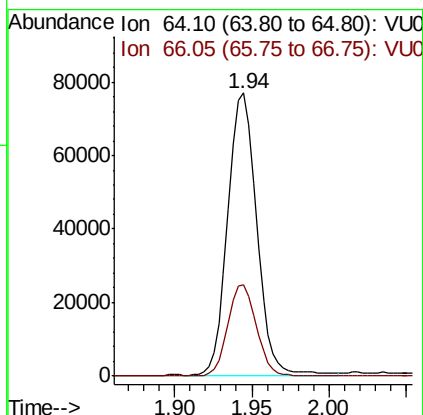
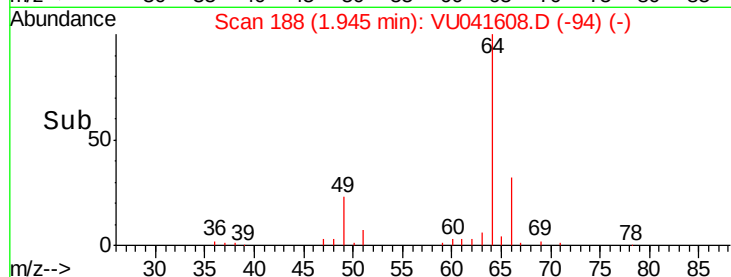
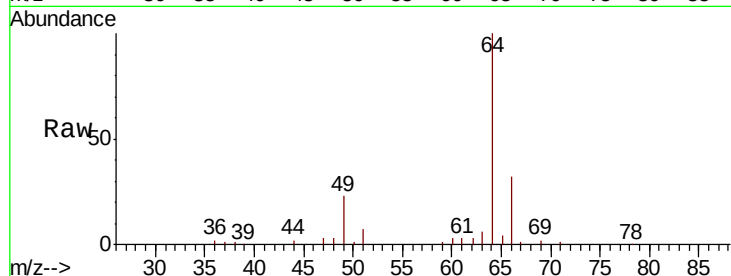
GB1K7

Tot Ion: 64 Resp: 99521

Ion Ratio Lower Upper

64 100

66 32.2 21.6 40.0



#10

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

Concen: 11.141 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

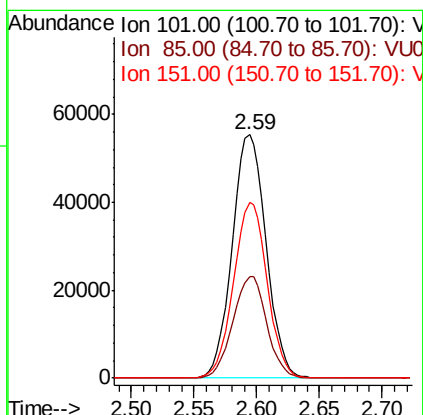
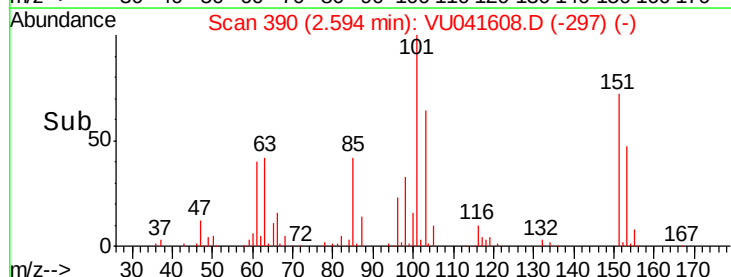
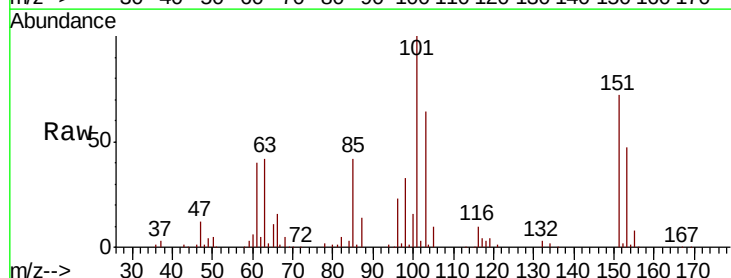
Tgt Ion: 101 Resp: 104143

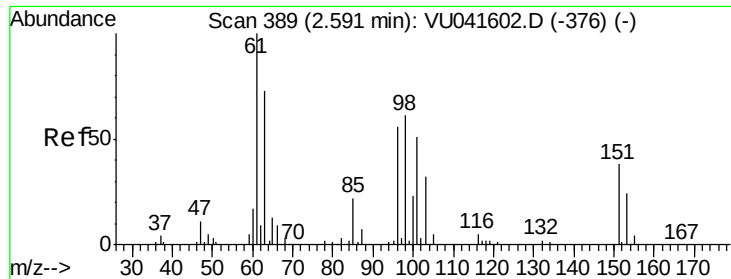
Ion Ratio Lower Upper

101 100

85 41.5 33.6 50.4

151 71.5 56.2 84.4

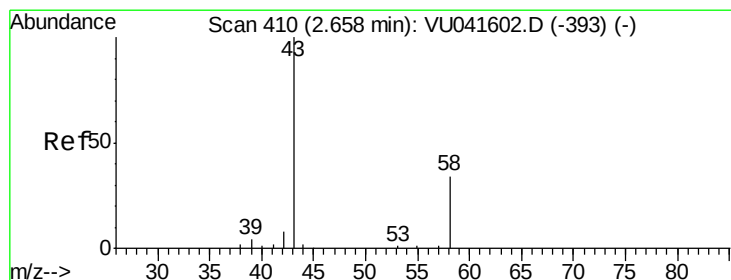
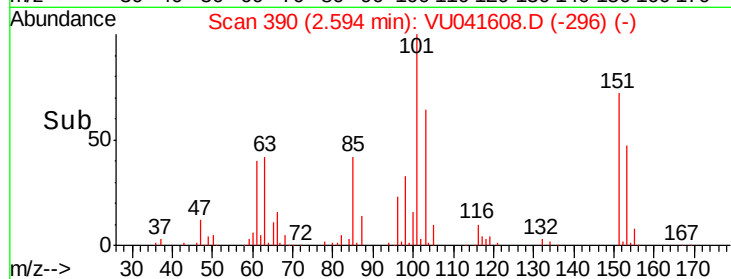
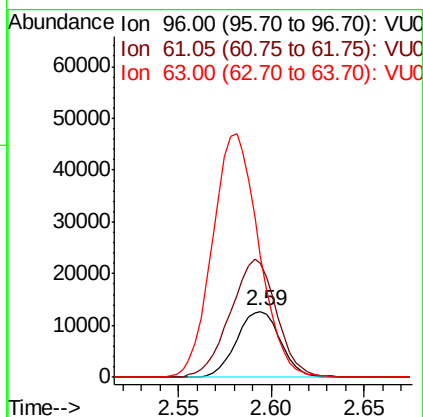
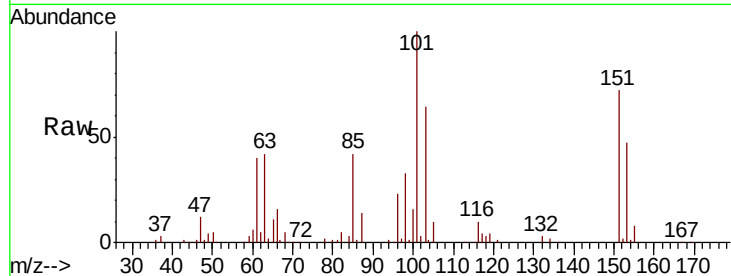




#12
 1,1-Dichloroethene
 Concen: 2.278 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

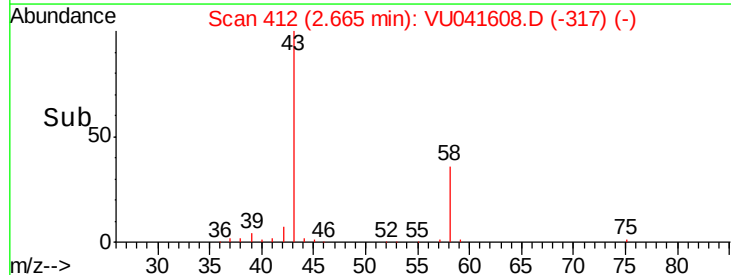
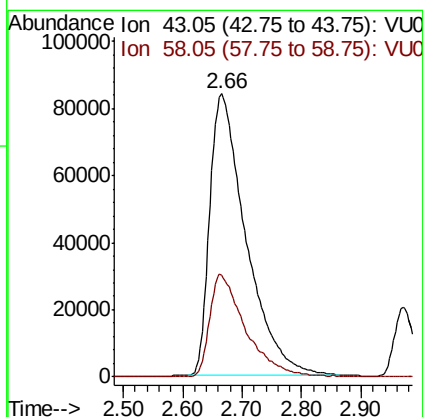
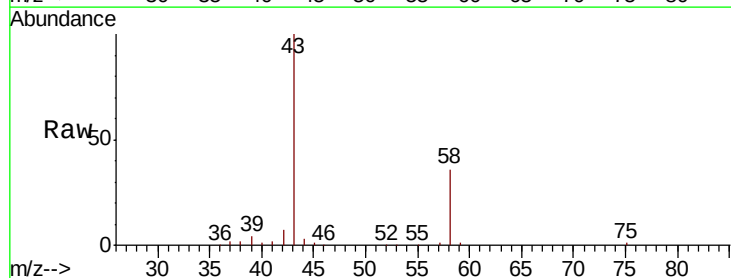
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K7

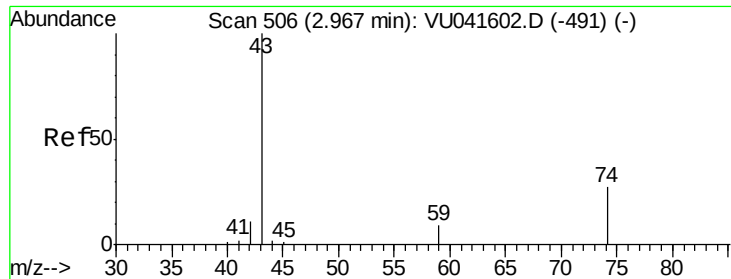
Tot Ion: 96 Resp: 20993
 Ion Ratio Lower Upper
 96 100
 61 173.0 123.8 230.0
 63 184.2 81.0 150.4#



#13
 Acetone
 Concen: 183.828 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

Tgt Ion: 43 Resp: 356795
 Ion Ratio Lower Upper
 43 100
 58 35.8 0.0 73.2

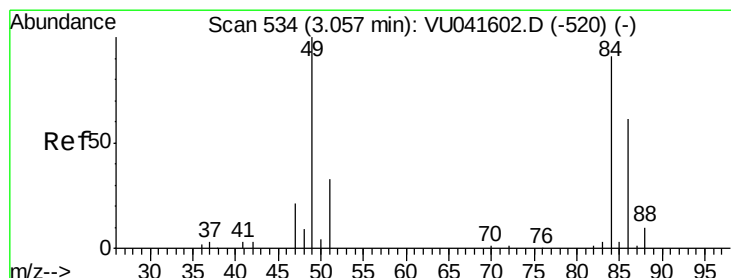
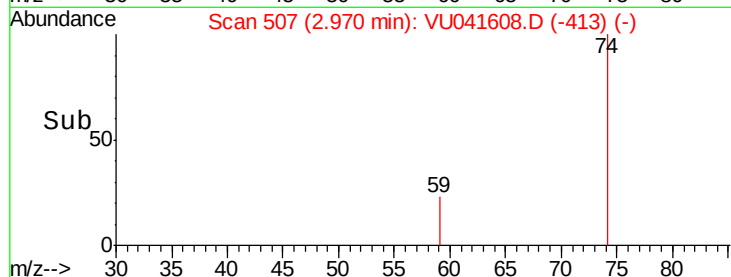
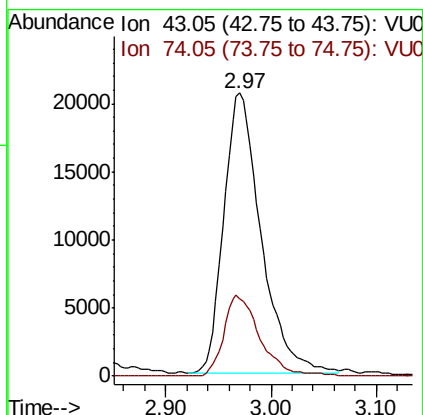
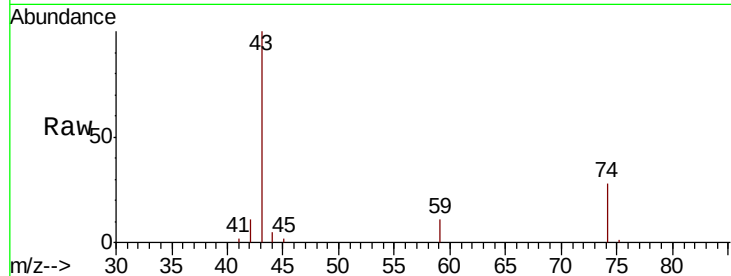




#15
Methyl Acetate
Concen: 9.983 ug/L
RT: 2.97 min Scan# 507
Delta R.T. 0.00 min
Lab File: VU041608.D
Acq: 14 Dec 2020 13:19

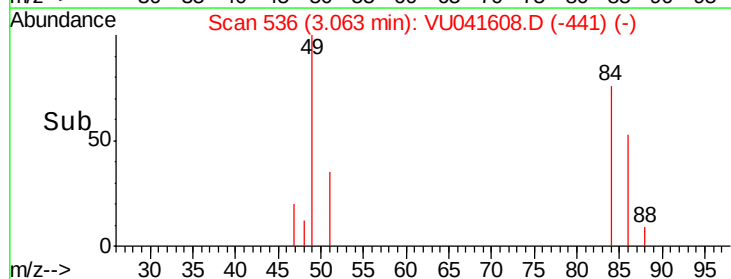
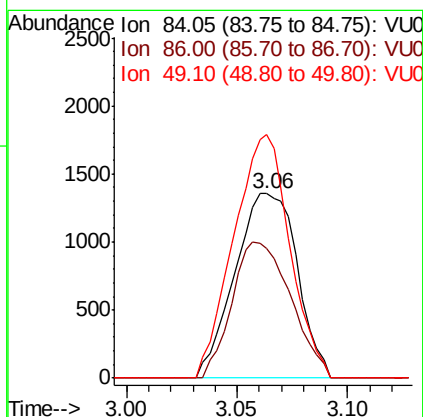
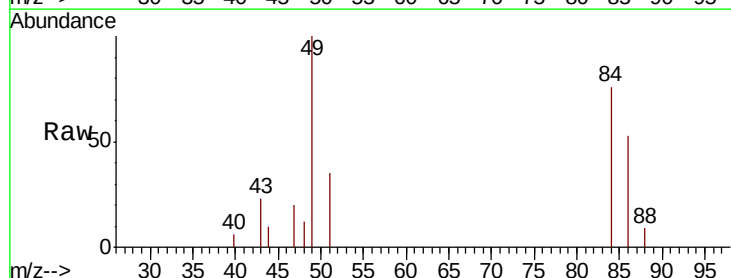
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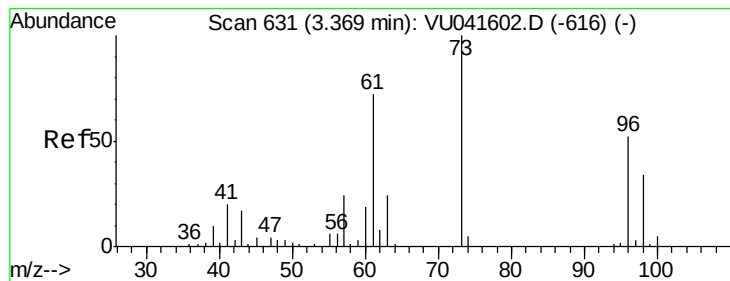
Tot Ion: 43 Resp: 50373
Ion Ratio Lower Upper
43 100
74 27.5 19.2 28.8



#16
Methylene chloride
Concen: 0.240 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU041608.D
Acq: 14 Dec 2020 13:19

Tgt Ion: 84 Resp: 2647
Ion Ratio Lower Upper
84 100
86 70.5 45.1 83.7
49 131.9 83.1 154.3





#18

trans-1,2-Dichloroethene

Concen: 2.839 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

GB1K7

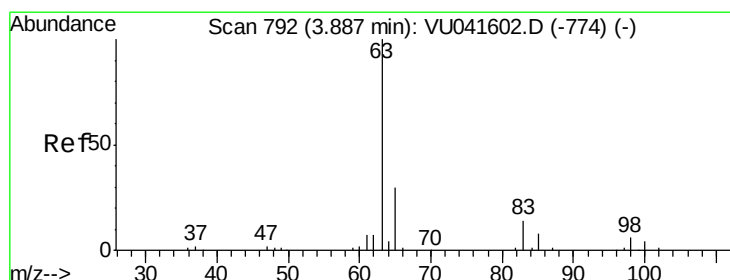
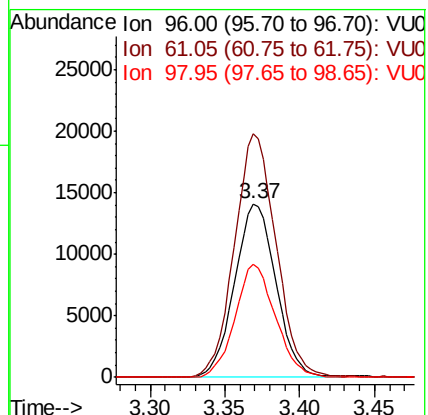
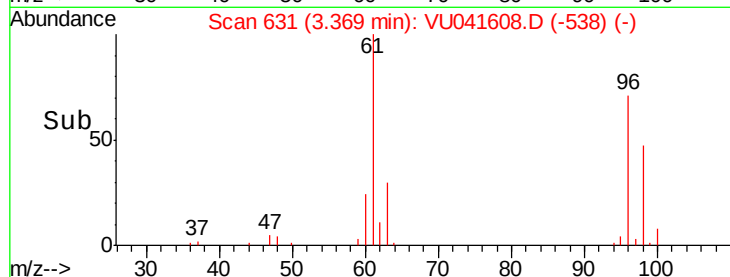
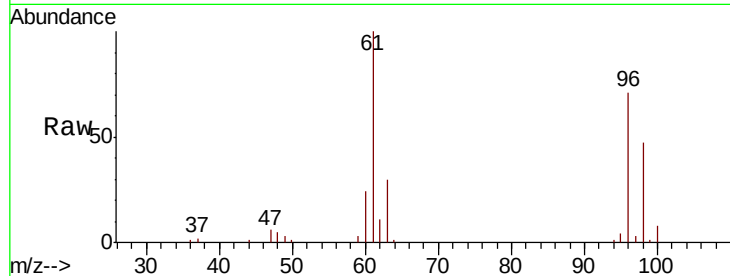
Tot Ion: 96 Resp: 27068

Ion Ratio Lower Upper

96 100

61 140.6 101.8 189.0

98 65.5 44.4 82.5



#19

1,1-Dichloroethane

Concen: 2.129 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

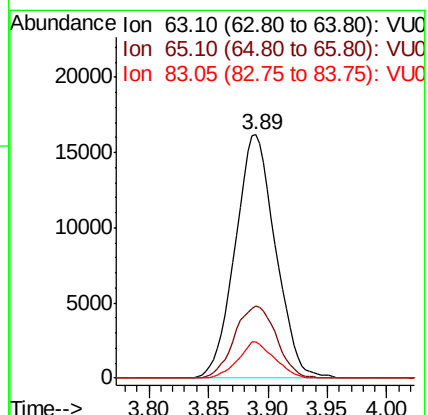
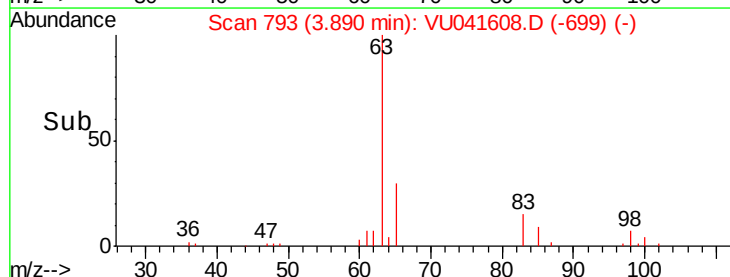
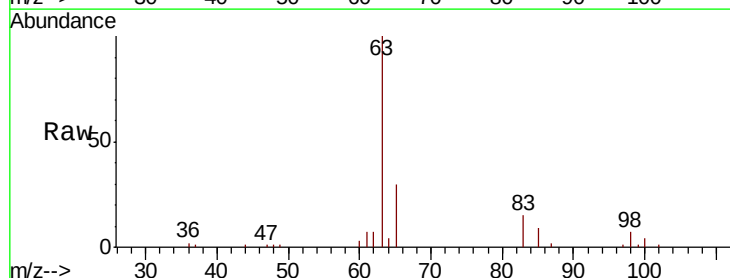
Tgt Ion: 63 Resp: 37940

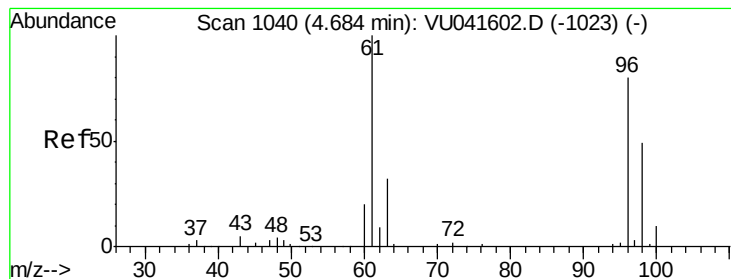
Ion Ratio Lower Upper

63 100

65 29.6 21.3 39.6

83 15.1 9.3 17.3





#22

cis-1,2-Dichloroethene

Concen: 4.222 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

GB1K7

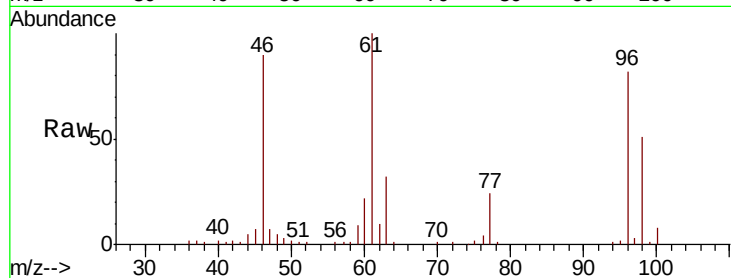
Tot Ion: 96 Resp: 44491

Ion Ratio Lower Upper

96 100

61 122.0 88.8 165.0

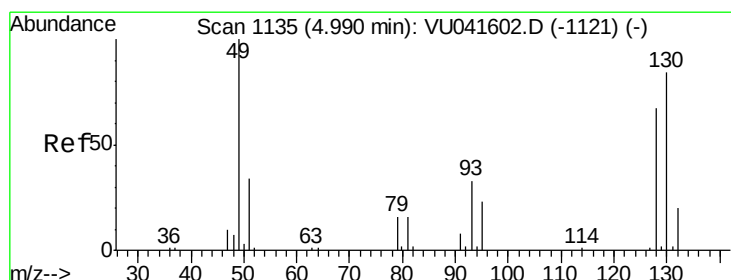
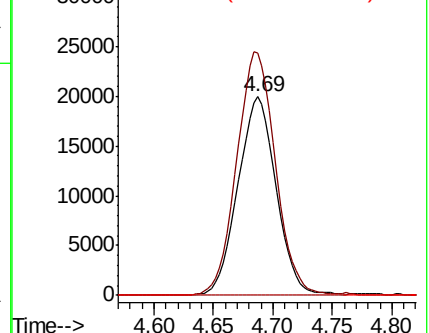
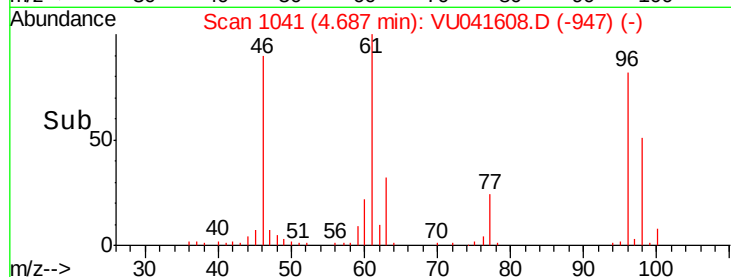
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041608.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU041608.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU041608.D (-947) (-)



#23

Bromochloromethane

Concen: 5.395 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Tgt Ion:128 Resp: 26116

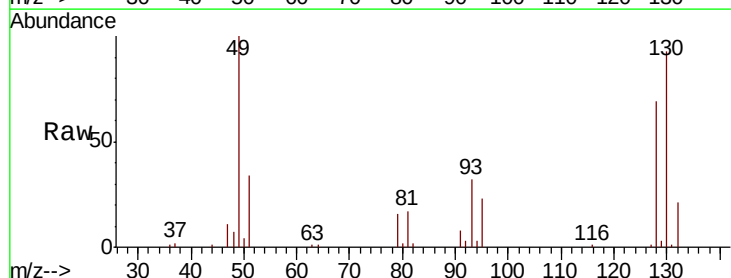
Ion Ratio Lower Upper

128 100

49 145.3 109.3 203.1

130 135.4 84.8 157.6

51 48.9 40.6 61.0

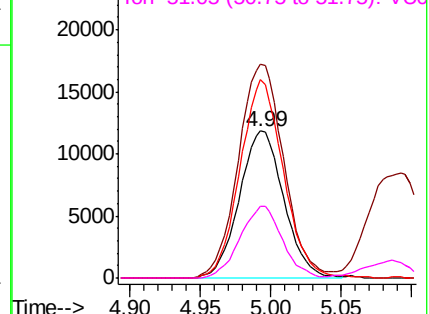
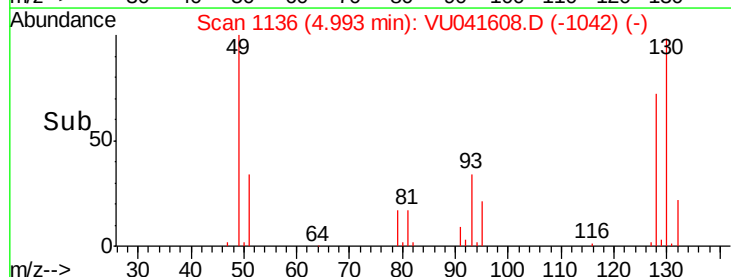


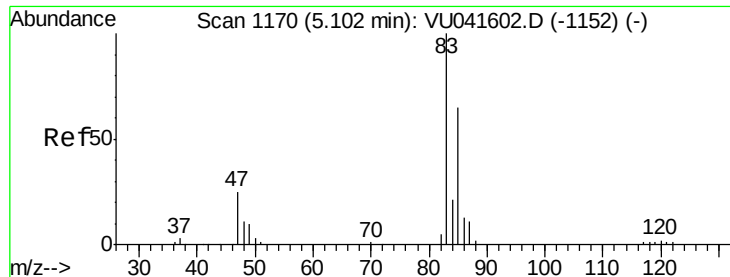
Abundance Ion 127.90 (127.60 to 128.60): VU041608.D (-1042) (-)

Ion 49.10 (48.80 to 49.80): VU041608.D (-1042) (-)

Ion 129.95 (129.65 to 130.65): VU041608.D (-1042) (-)

Ion 51.05 (50.75 to 51.75): VU041608.D (-1042) (-)

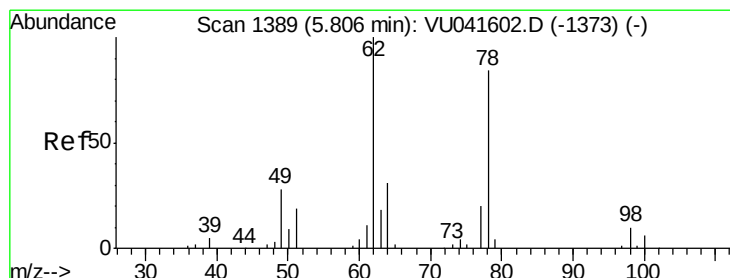
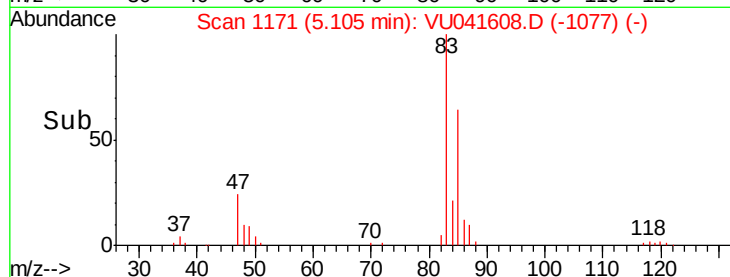
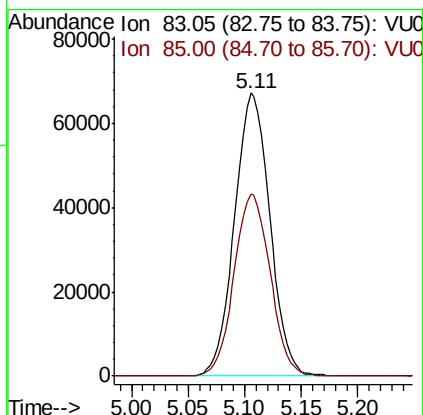
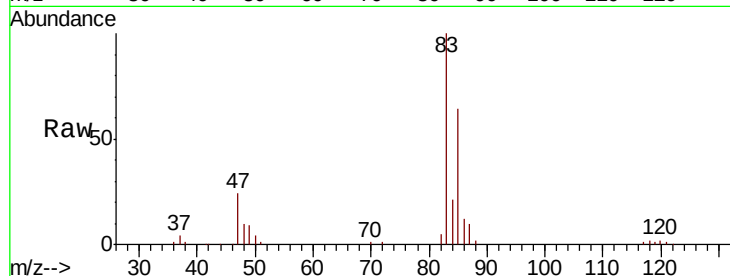




#25
Chloroform
Concen: 8.183 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041608.D
Acq: 14 Dec 2020 13:19

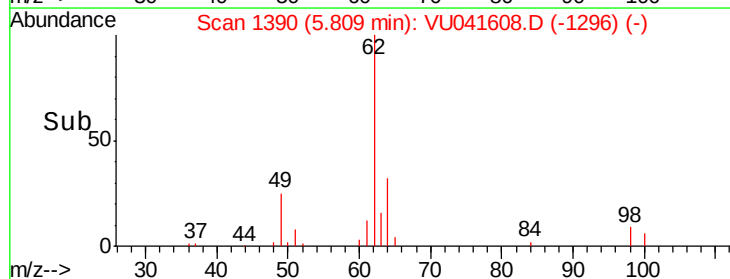
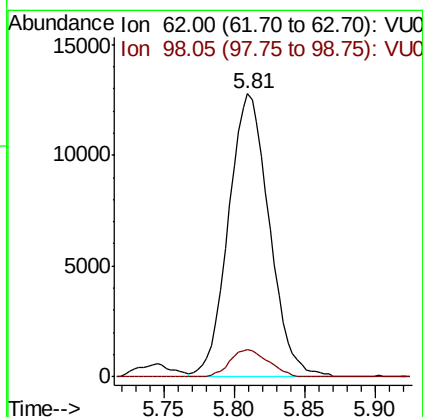
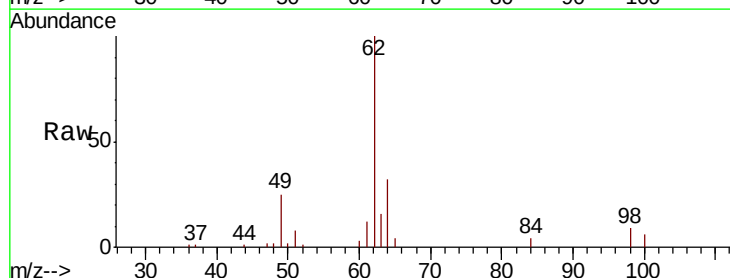
Instrument :
MSVOA_U
ClientSampleId :
GB1K7

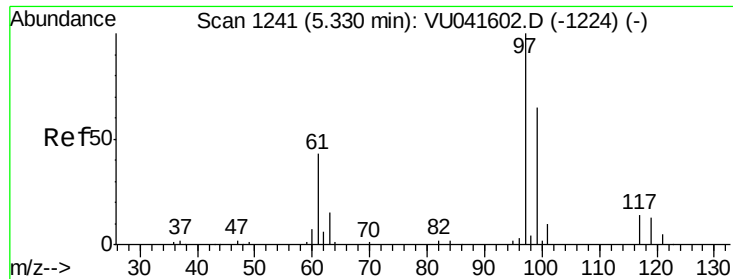
Tot Ion: 83 Resp: 146837
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.0



#27
1,2-Dichloroethane
Concen: 2.127 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU041608.D
Acq: 14 Dec 2020 13:19

Tgt Ion: 62 Resp: 25842
Ion Ratio Lower Upper
62 100
98 9.5 8.2 12.2

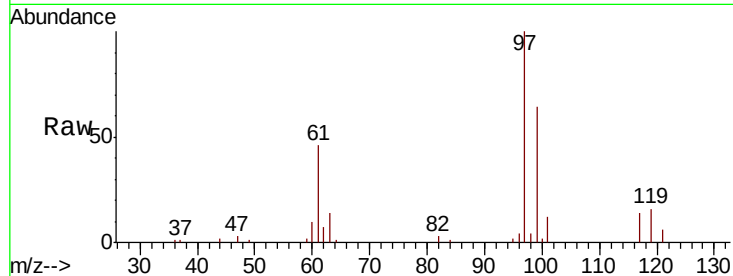




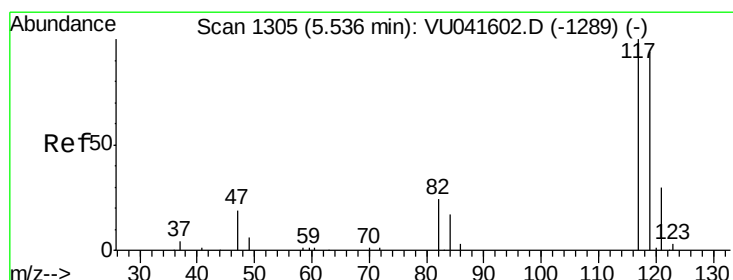
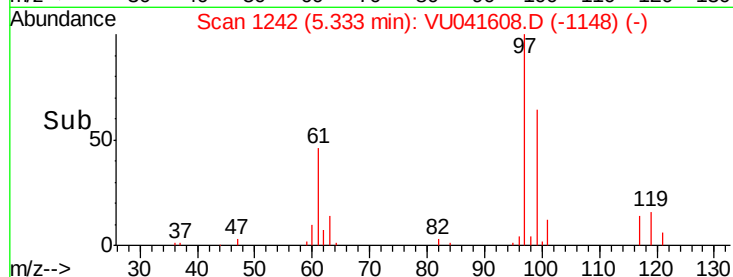
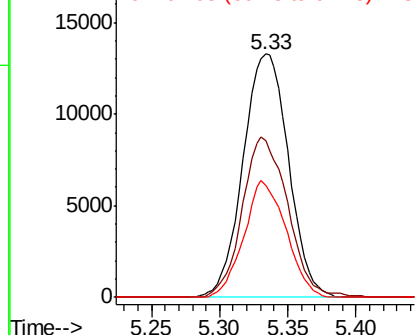
#29
 1,1,1-Trichloroethane
 Concen: 2.039 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K7

Tot Ion: 97 Resp: 30722
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.3 76.9
 61 44.5 36.5 54.7

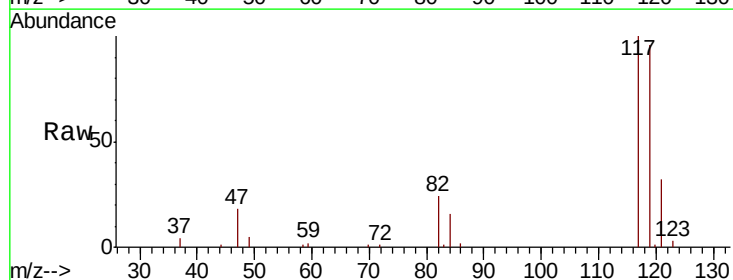


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

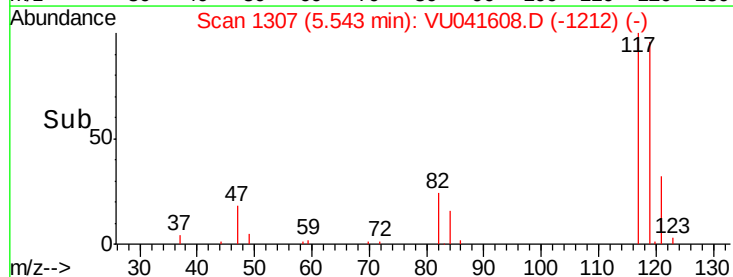
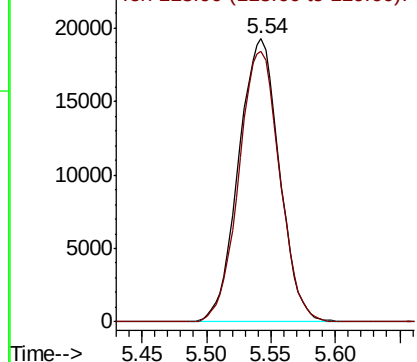


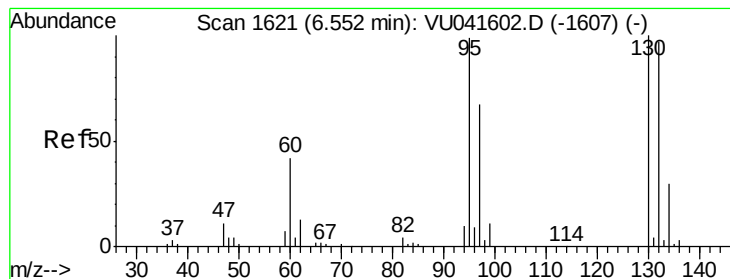
#31
 Carbon tetrachloride
 Concen: 3.249 ug/L
 RT: 5.54 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

Tgt Ion: 117 Resp: 42333
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.2 114.2



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





#34

Trichloroethene

Concen: 2.243 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

GB1K7

Tot Ion: 95 Resp: 23648

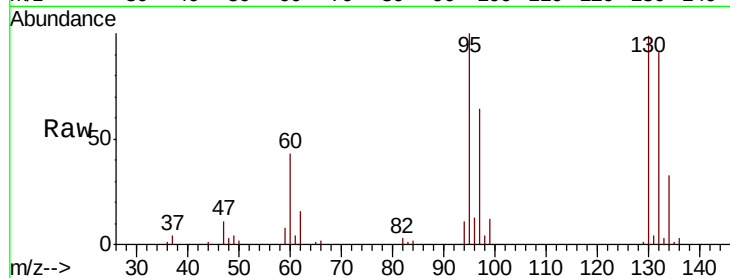
Ion Ratio Lower Upper

95 100

97 64.1 43.9 81.5

132 91.1 63.1 117.3

130 99.0 67.4 125.2

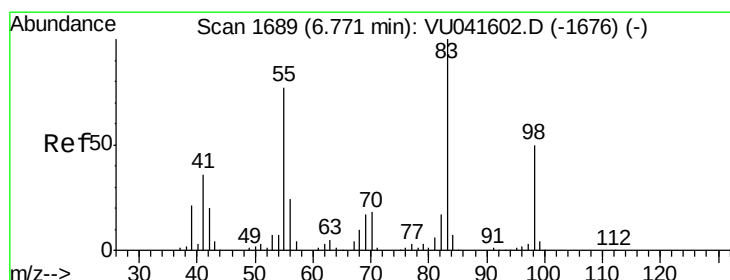
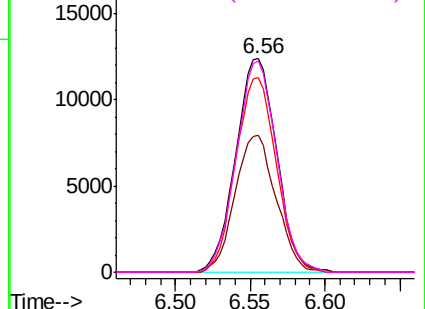
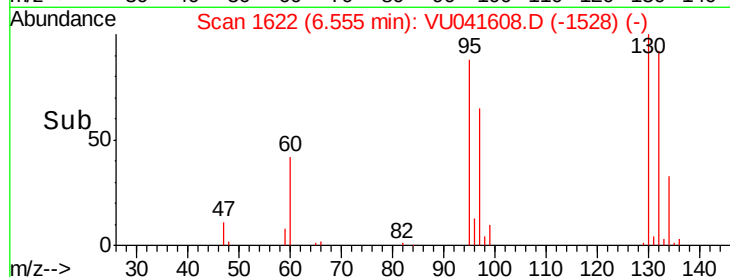


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

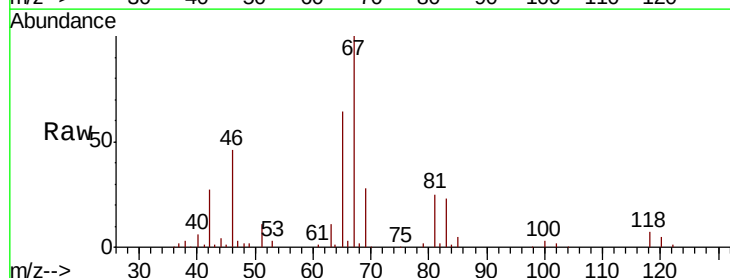
Tgt Ion: 83 Resp: 12596

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

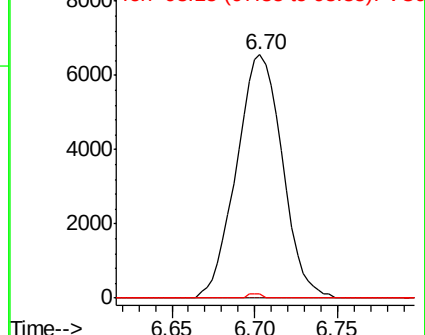
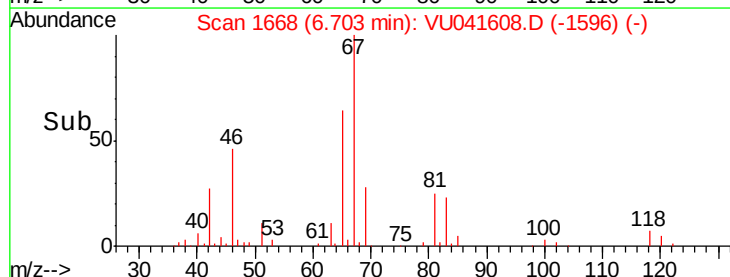
98 0.5 36.6 54.8#

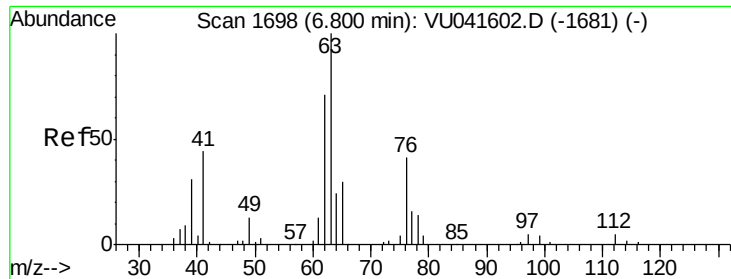


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

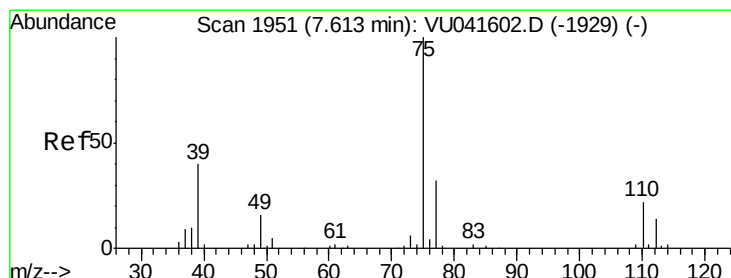
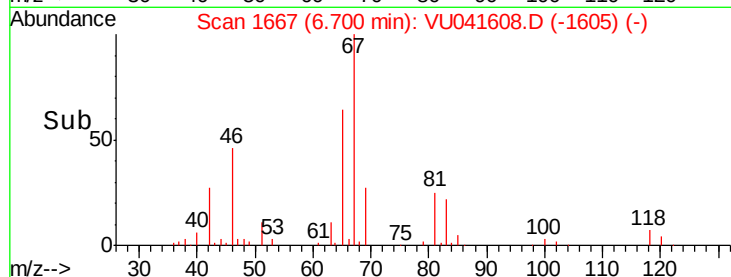
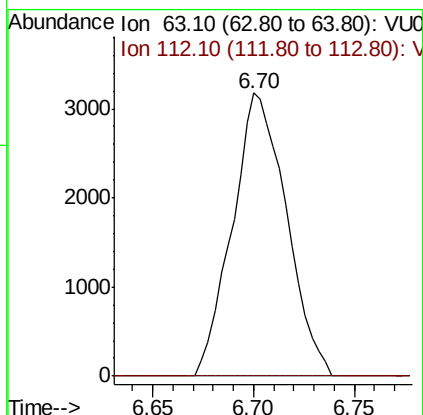
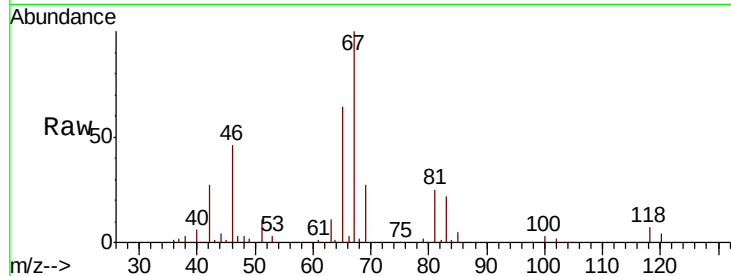




#37
 1,2-Dichloropropane
 Concen: 0.554 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

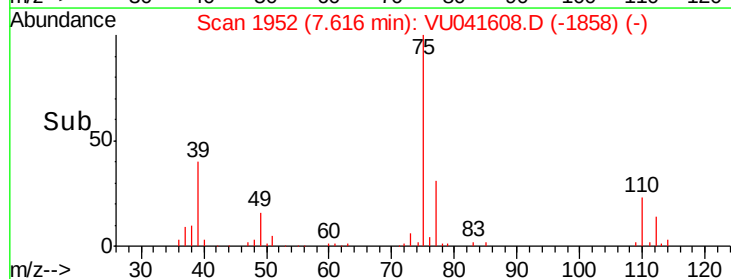
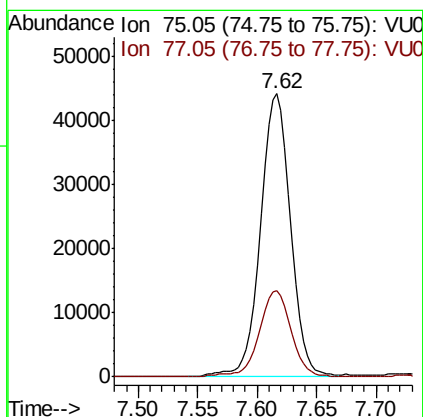
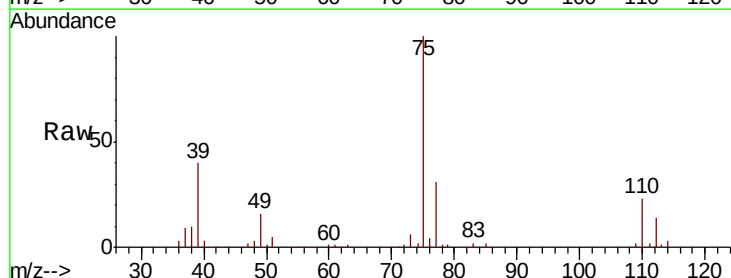
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K7

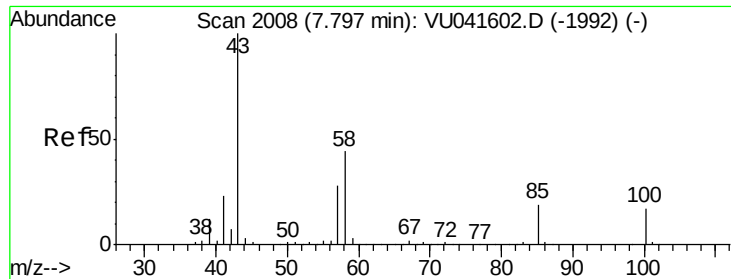
Tot Ion: 63 Resp: 5947
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 4.869 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

Tgt Ion: 75 Resp: 77442
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.3 41.3

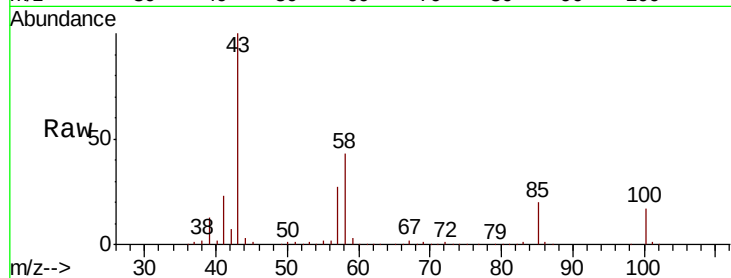




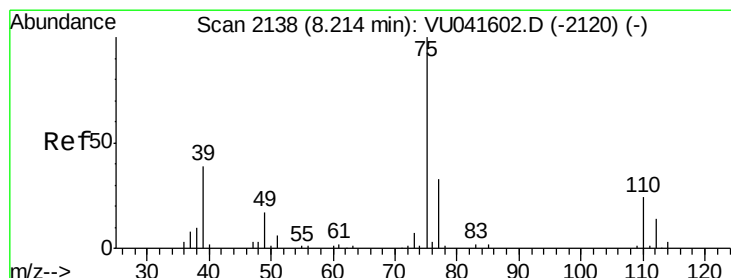
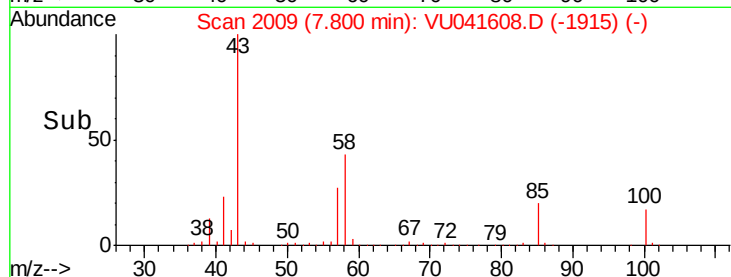
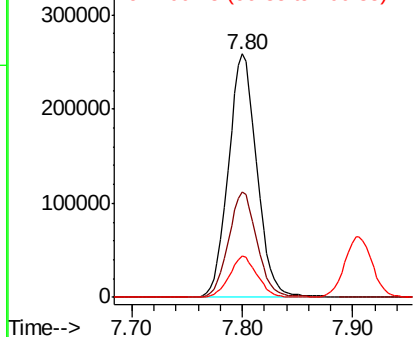
#40
4-Methyl-2-pentanone
Concen: 60.538 ug/L
RT: 7.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VU041608.D
Acq: 14 Dec 2020 13:19

Instrument :
MSVOA_U
ClientSampleId :
GB1K7

Tot Ion: 43 Resp: 462395
Ion Ratio Lower Upper
43 100
58 43.5 34.2 51.2
100 16.5 12.3 18.5

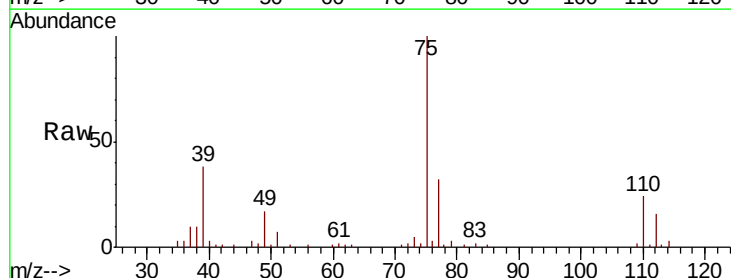


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0

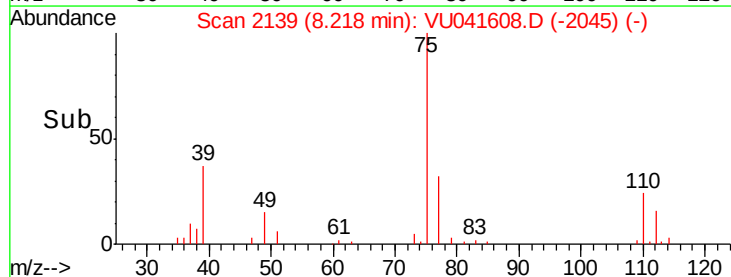
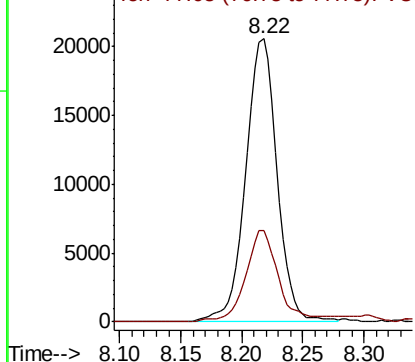


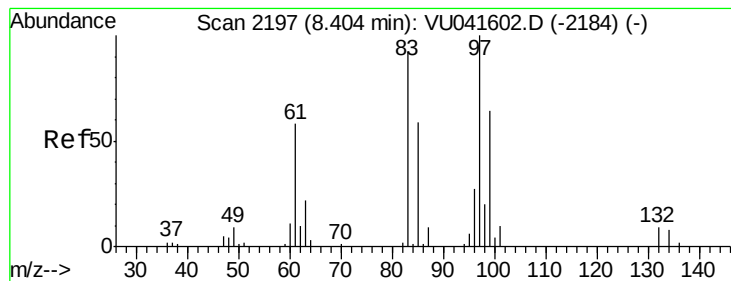
#44
trans-1,3-Dichloropropene
Concen: 2.554 ug/L
RT: 8.22 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU041608.D
Acq: 14 Dec 2020 13:19

Tgt Ion: 75 Resp: 36333
Ion Ratio Lower Upper
75 100
77 32.2 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0





#45

1,1,2-Trichloroethane

Concen: 2.184 ug/L

RT: 8.40 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

GB1K7

Tot Ion: 97 Resp: 17337

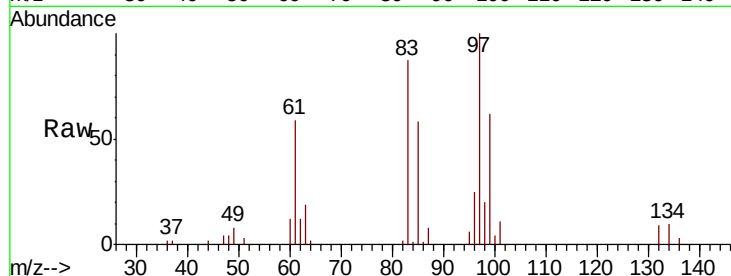
Ion Ratio Lower Upper

97 100

99 62.3 42.1 78.3

83 87.0 62.6 116.2

85 57.8 39.1 72.7



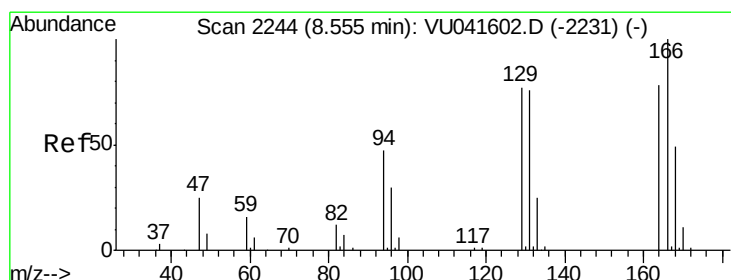
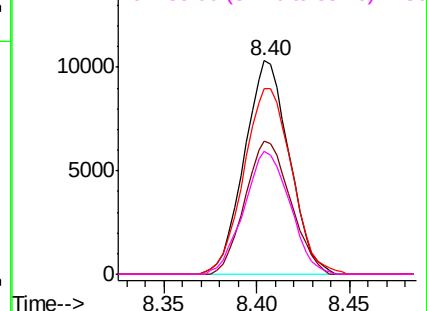
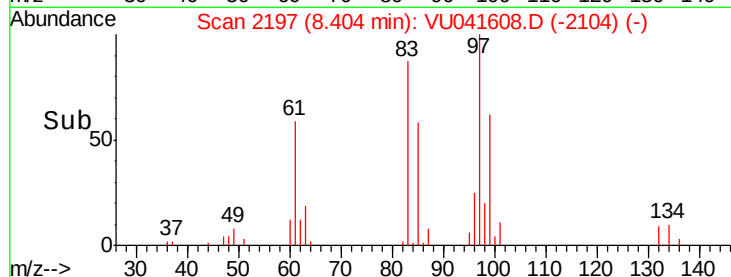
Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 3.425 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Tgt Ion: 164 Resp: 25286

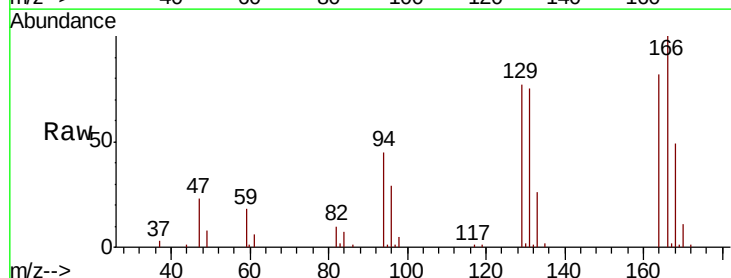
Ion Ratio Lower Upper

164 100

129 94.0 72.2 134.0

131 92.2 66.9 124.3

166 122.5 89.6 166.4



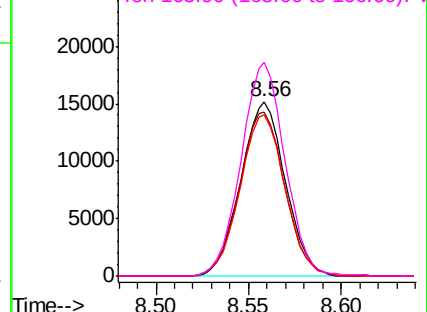
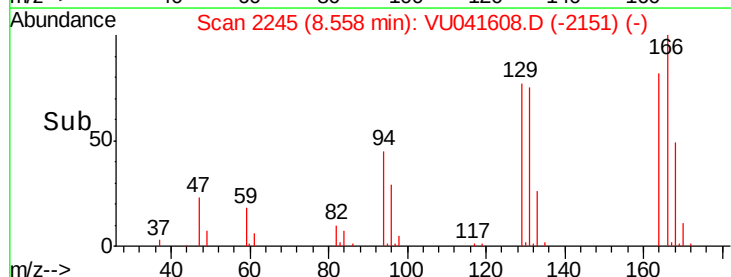
Abundance

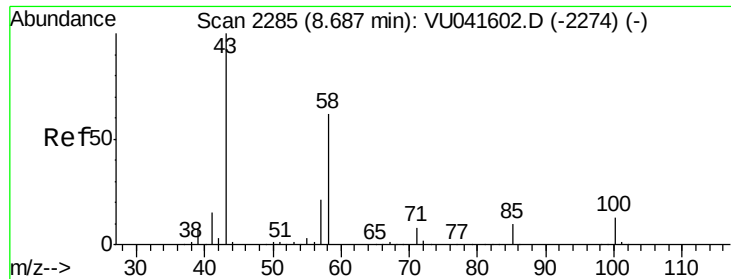
Ion 163.90 (163.60 to 164.60): V

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

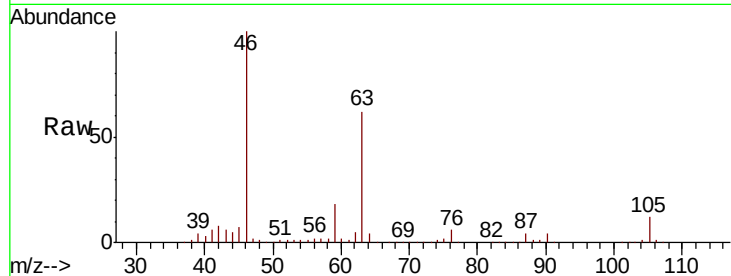




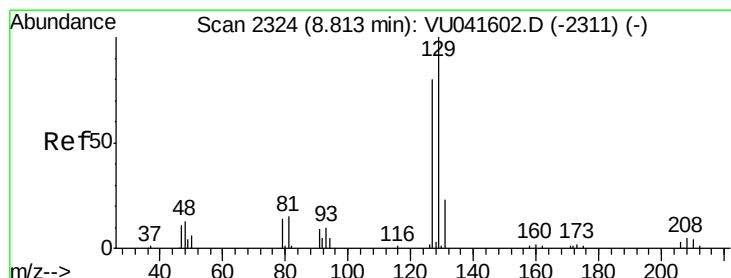
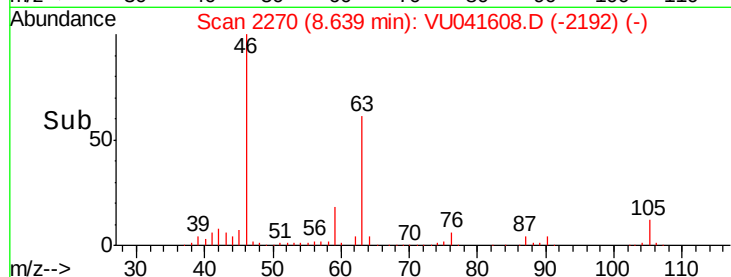
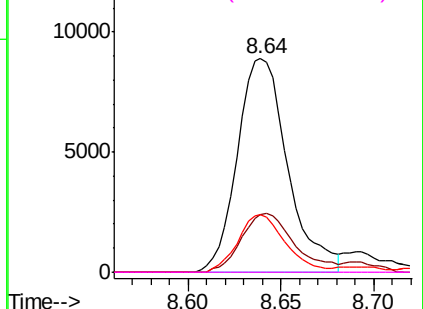
#48
2-Hexanone
Concen: 3.018 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041608.D
Acq: 14 Dec 2020 13:19

Instrument :
MSVOA_U
ClientSampleId :
GB1K7

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.1	47.9	71.9#
57	25.4	16.5	24.7#
100	3.2	9.4	14.2#

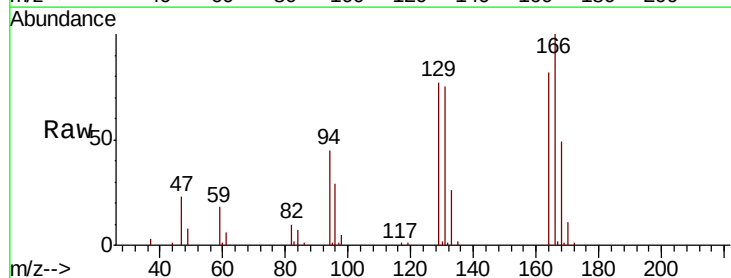


Abundance Ion 43.05 (42.75 to 43.75): VU041608.D (-2274) (-)
Ion 58.05 (57.75 to 58.75): VU041608.D (-2274) (-)
Ion 57.20 (56.90 to 57.90): VU041608.D (-2274) (-)
Ion 100.15 (99.85 to 100.85): VU041608.D (-2274) (-)

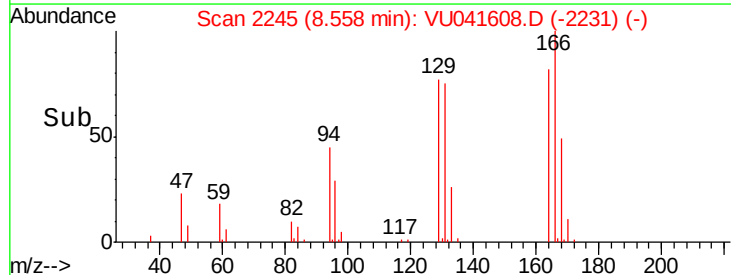
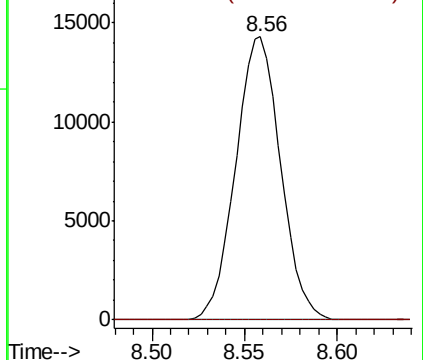


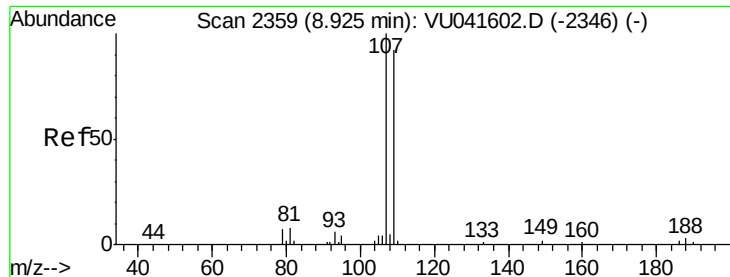
#49
Dibromochloromethane
Concen: 2.637 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041608.D
Acq: 14 Dec 2020 13:19

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#



Abundance Ion 128.95 (128.65 to 129.65): VU041608.D (-2245) (-)
Ion 126.90 (126.60 to 127.60): VU041608.D (-2245) (-)

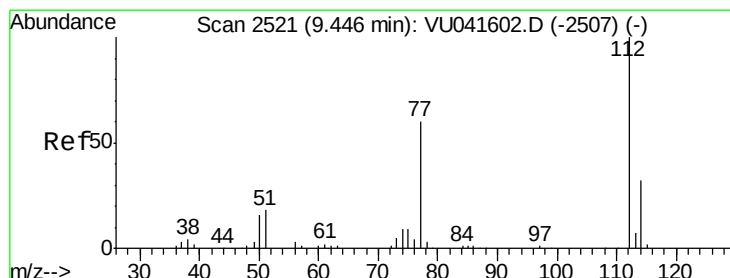
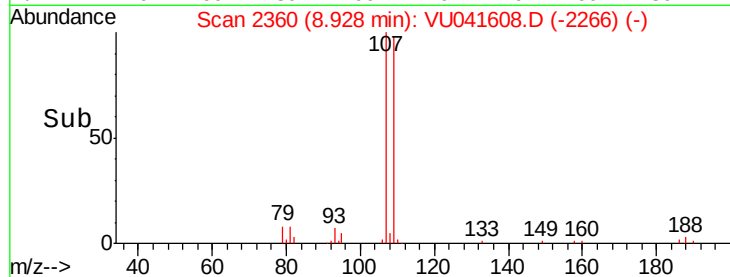
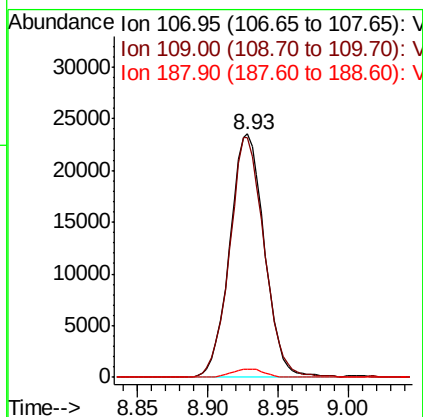
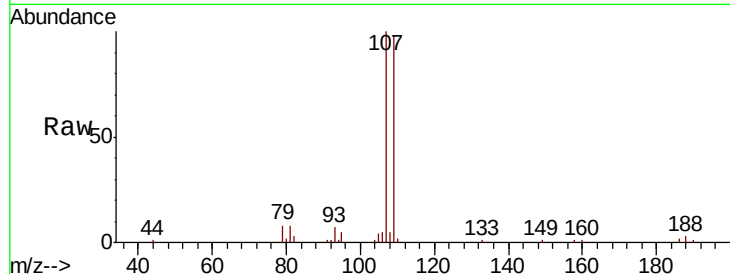




#50
 1,2-Dibromoethane
 Concen: 5.167 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

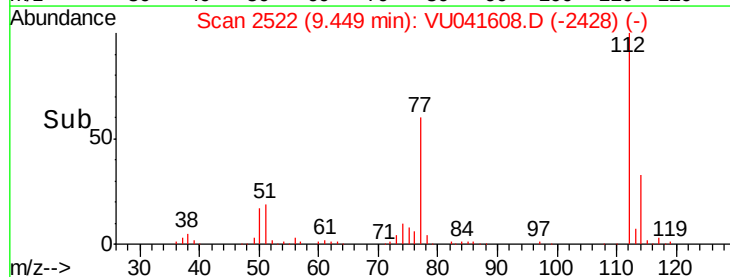
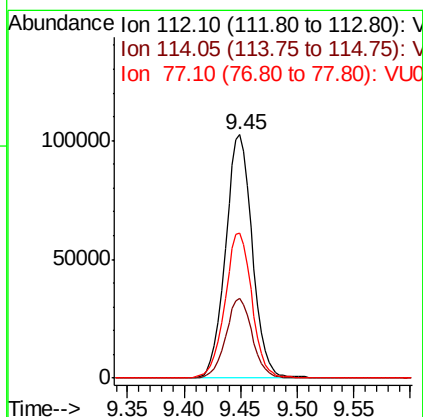
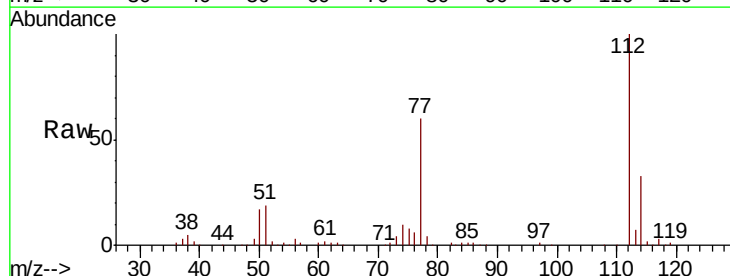
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K7

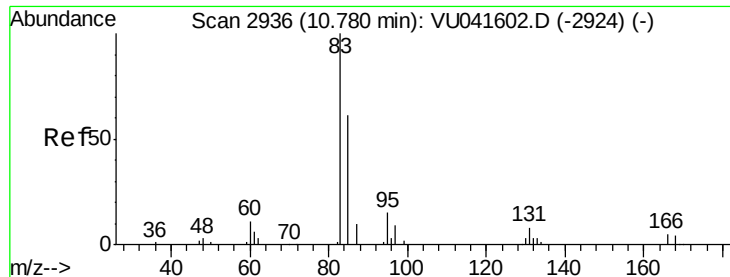
Tot Ion	Ratio	Lower	Upper
107	100		
109	98.3	65.6	121.8
188	3.2	2.6	4.0



#51
 Chlorobenzene
 Concen: 6.267 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.3
77	59.5	49.1	73.7





#58

1,1,2,2-Tetrachloroethane

Concen: 1.726 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

GB1K7

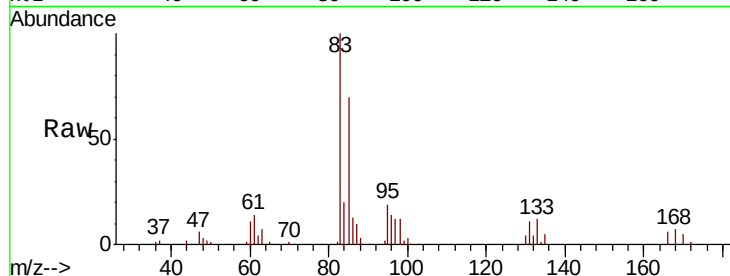
Tot Ion: 83 Resp: 19062

Ion Ratio Lower Upper

83 100

85 70.1 46.1 85.7

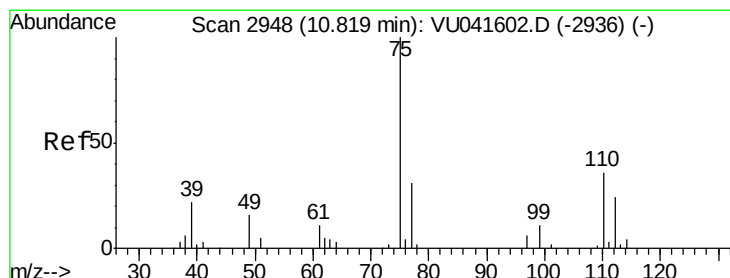
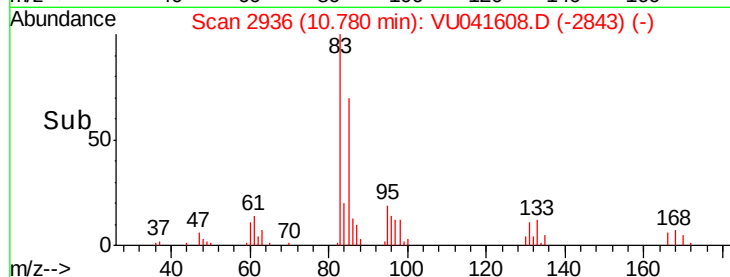
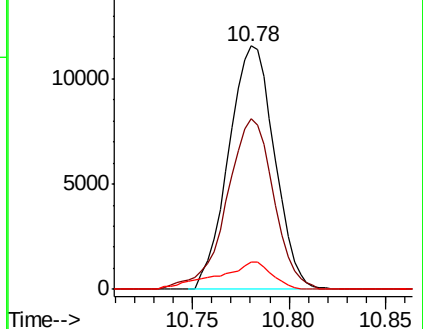
131 11.3 7.8 11.6



Abundance Ion 82.95 (82.65 to 83.65): VU041608.D (-2924) (-)

Ion 85.00 (84.70 to 85.70): VU041608.D (-2924) (-)

Ion 130.95 (130.65 to 131.65): VU041608.D (-2924) (-)



#59

1,2,3-Trichloropropane

Concen: 0.203 ug/L

RT: 11.46 min Scan# 3148

Delta R.T. 0.64 min

Lab File: VU041608.D

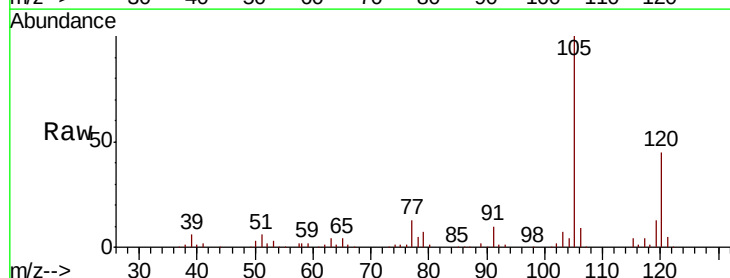
Acq: 14 Dec 2020 13:19

Tgt Ion: 75 Resp: 1639

Ion Ratio Lower Upper

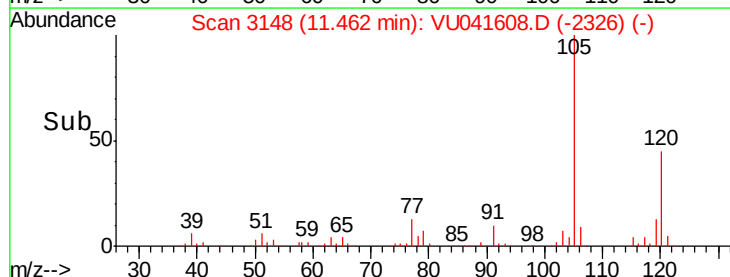
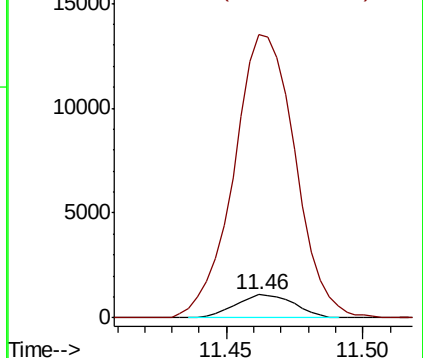
75 100

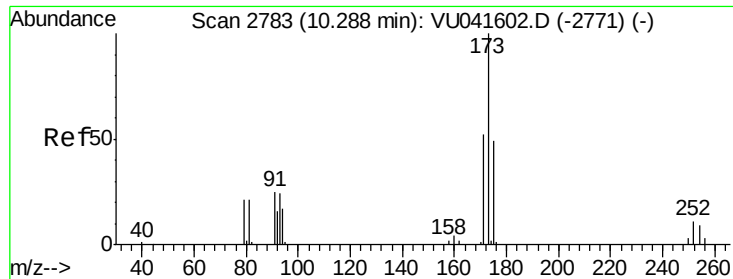
77 1289.4 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU041608.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU041608.D (-2936) (-)





#61

Bromoform

Concen: 3.300 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

Instrument :

MSVOA_U

ClientSampled :

GB1K7

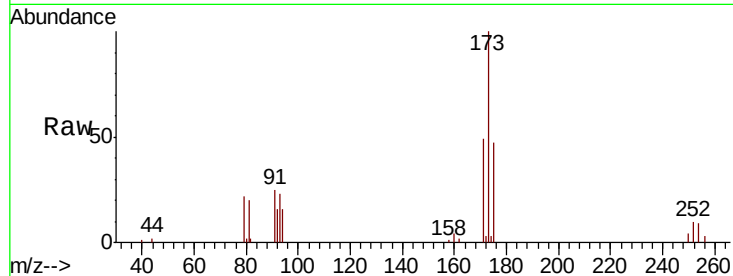
Tot Ion:173 Resp: 17478

Ion Ratio Lower Upper

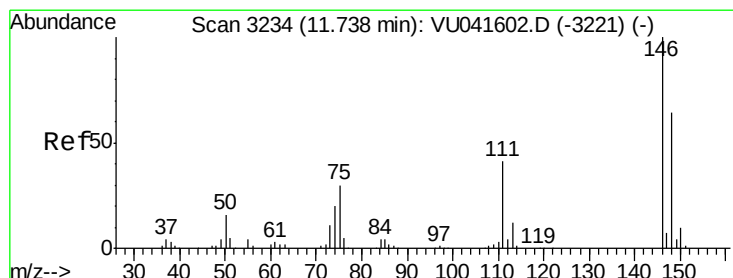
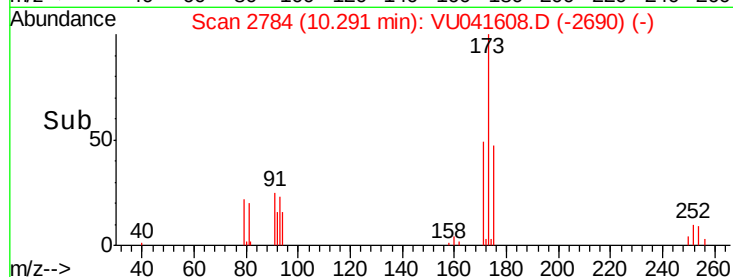
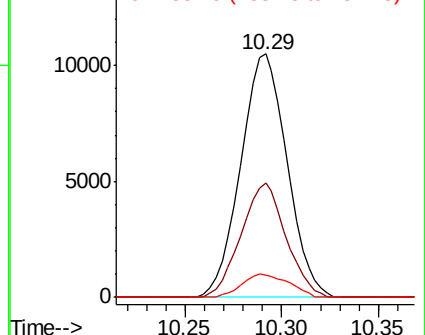
173 100

175 45.3 37.3 55.9

254 9.6 7.4 11.2



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: 3.195 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU041608.D

Acq: 14 Dec 2020 13:19

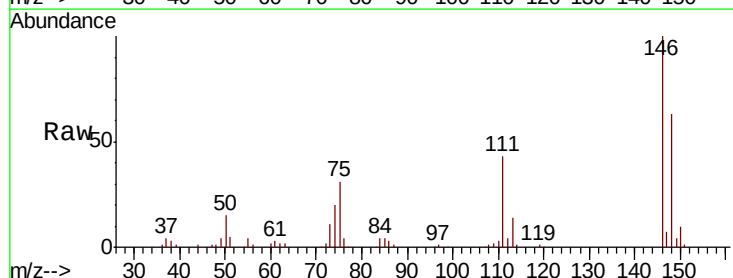
Tgt Ion:146 Resp: 68445

Ion Ratio Lower Upper

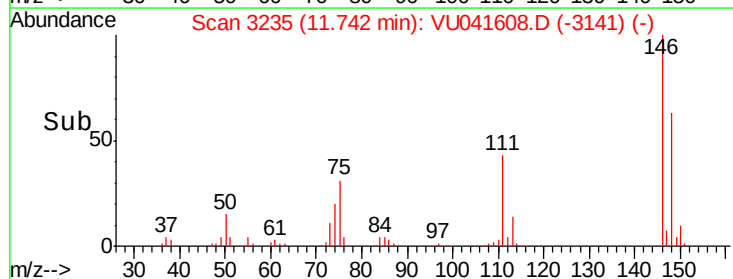
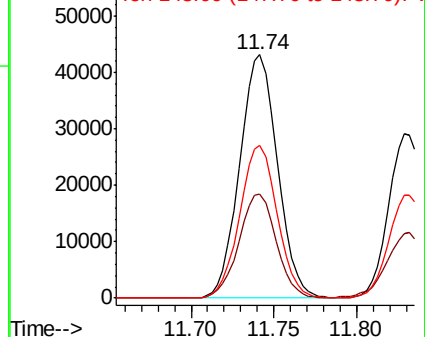
146 100

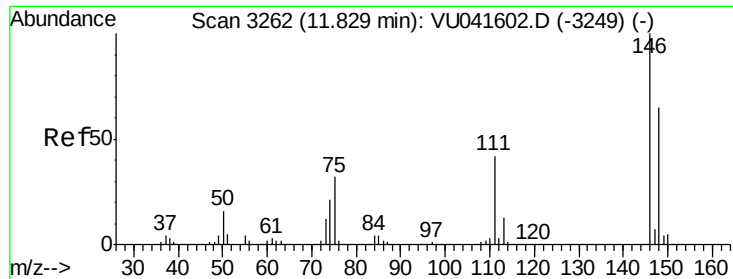
111 42.7 30.0 55.8

148 62.6 44.9 83.3



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

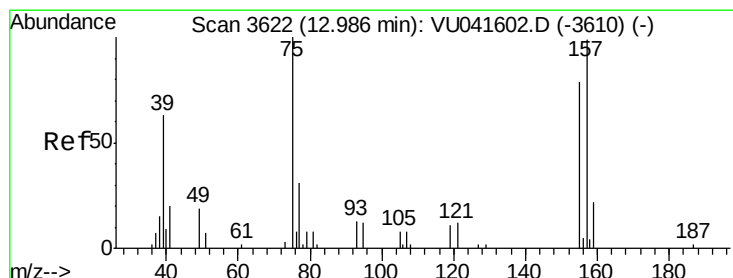
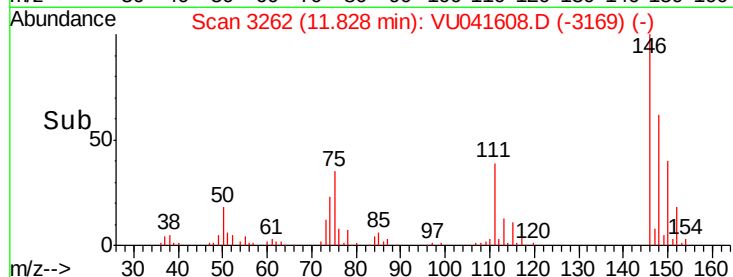
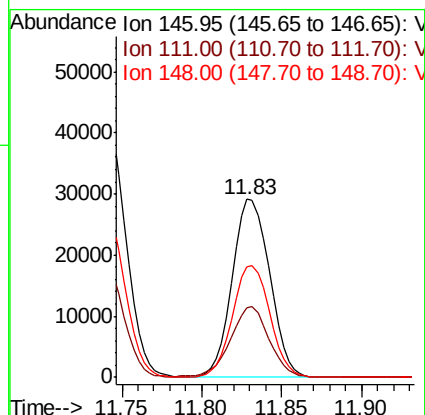
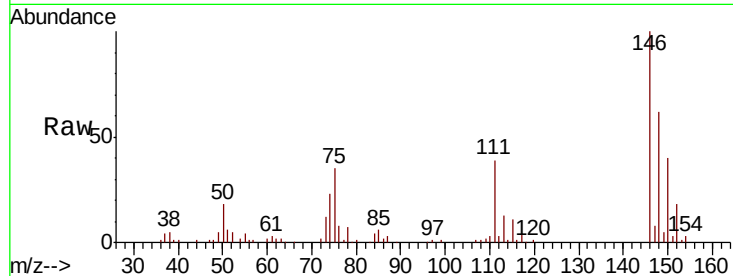




#63
 1,4-Dichlorobenzene
 Concen: 2.164 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

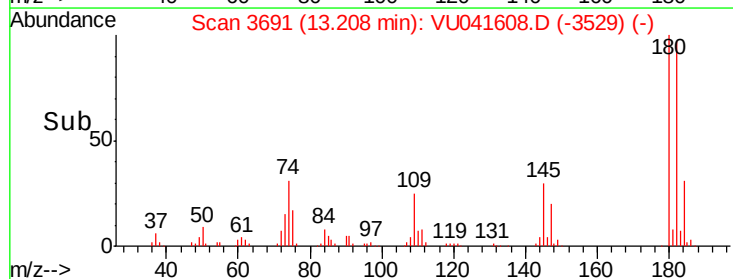
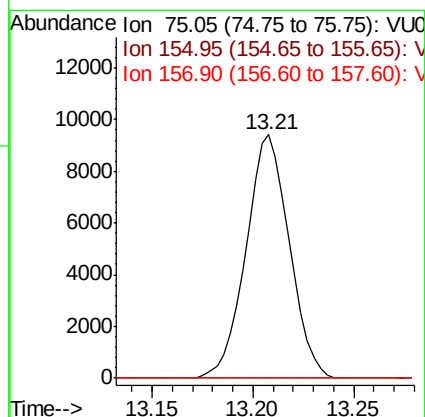
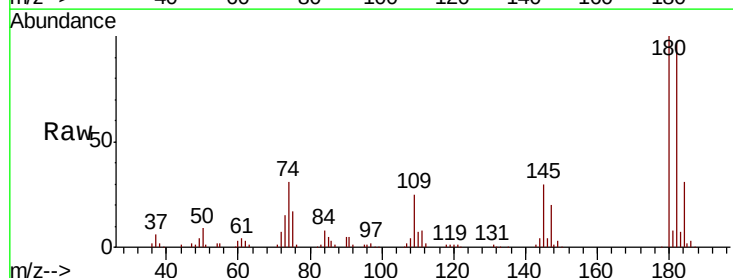
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K7

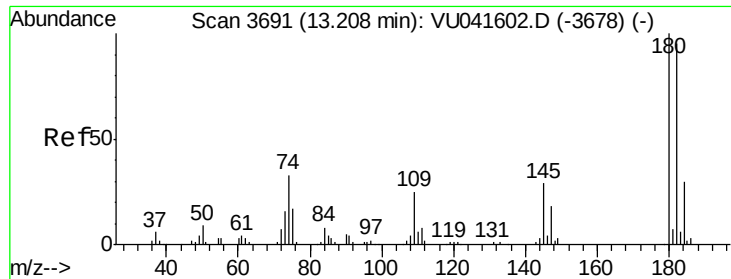
Tot Ion:146 Resp: 46609
 Ion Ratio Lower Upper
 146 100
 111 39.1 27.9 51.9
 148 62.3 45.0 83.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 7.182 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. 0.22 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

Tgt Ion: 75 Resp: 14132
 Ion Ratio Lower Upper
 75 100
 155 0.0 57.4 86.0#
 157 0.0 72.4 108.6#

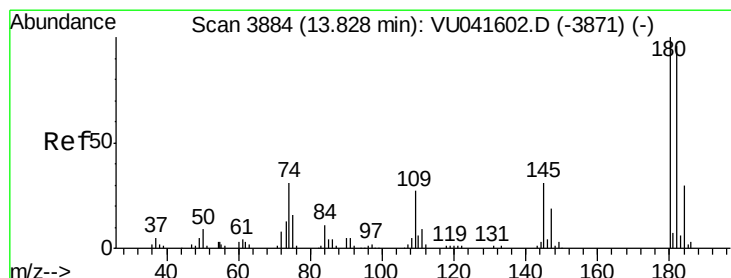
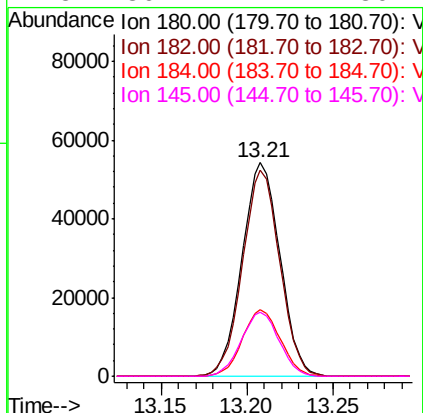
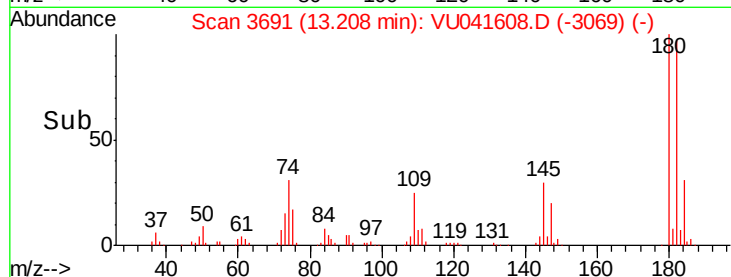
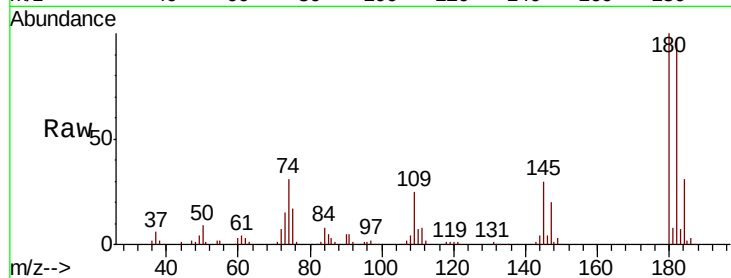




#67
 1,3,5-Trichlorobenzene
 Concen: 5.130 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. -0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

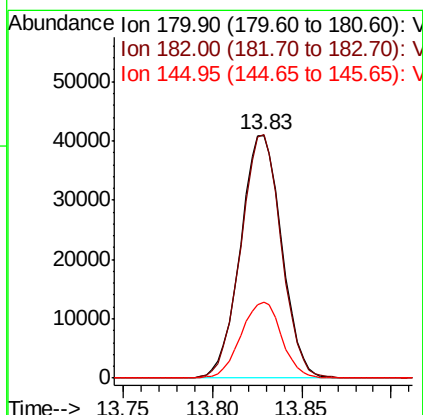
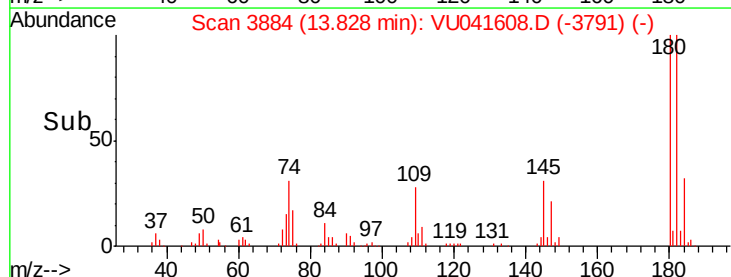
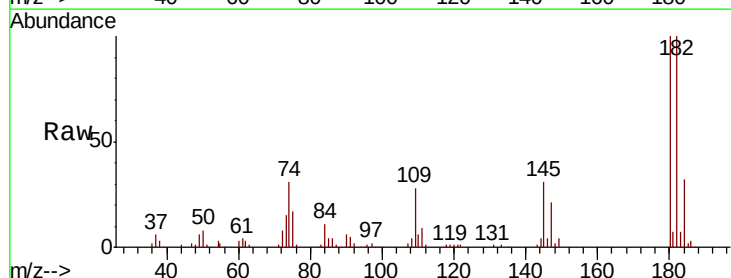
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K7

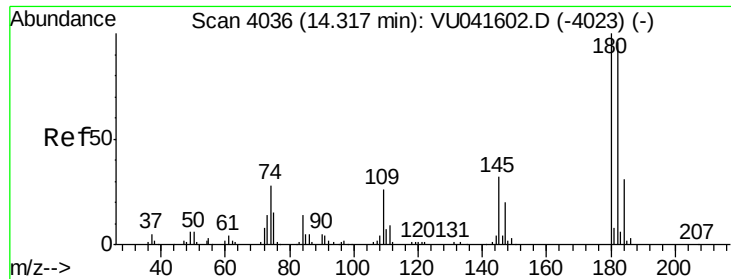
Tot Ion:180 Resp: 83434
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.3 114.5
 184 31.0 24.1 36.1
 145 30.1 24.1 36.1



#68
 1,2,4-trichlorobenzene
 Concen: 4.832 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

Tgt Ion:180 Resp: 65941
 Ion Ratio Lower Upper
 180 100
 182 98.2 75.4 113.0
 145 30.9 24.5 36.7





#70
 1,2,3-Trichlorobenzene
 Concen: 2.826 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU041608.D
 Acq: 14 Dec 2020 13:19

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K7

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.0	115.4
145	32.5	26.4	39.6

