

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031069.D
 Acq On : 11 Apr 2019 15:28
 Operator : JC/SP
 Sample : K2365-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2G51

Quant Time: Apr 12 05:07:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	512130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245316	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	221047	48.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.70%
7) Chloroethane-d5	1.66	69	167958	48.41	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.26	63	447868	54.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.32%
21) 2-Butanone-d5	4.17	46	321322	88.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.68%
24) Chloroform-d	4.64	84	351388	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	5.30	65	225241	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.33	84	688000	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.32	67	235397	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.80%
41) Toluene-d8	7.56	98	613261	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.85	79	109781	47.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.94%
47) 2-Hexanone-d5	8.31	63	208224	90.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317761	46.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	228129	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	133918	29.769	ug/L	100
3) Chloromethane	1.32	50	153022	26.298	ug/L	99
5) Vinyl chloride	1.40	62	312725	55.520	ug/L	97
6) Bromomethane	1.60	94	51413	17.618	ug/L	100
8) Chloroethane	1.68	64	86644	26.970	ug/L	99
9) Trichlorofluoromethane	1.87	101	315560	48.081	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	86808	23.672	ug/L	98
12) 1,1-Dichloroethene	2.27	96	249482	70.473	ug/L	94
16) Methylene chloride	2.69	84	186492	43.365	ug/L	95
17) trans-1,2-Dichloroethene	2.97	96	85979	22.874	ug/L	96
19) 1,1-Dichloroethane	3.44	63	506851	65.340	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	176287	42.475	ug/L	94
23) Bromochloromethane	4.54	128	88780	45.246	ug/L	91
25) Chloroform	4.67	83	460296	59.040	ug/L	99
27) 1,2-Dichloroethane	5.40	62	425296	71.473	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	133136	21.775	ug/L	100
31) Carbon tetrachloride	5.13	117	343948	65.280	ug/L	99

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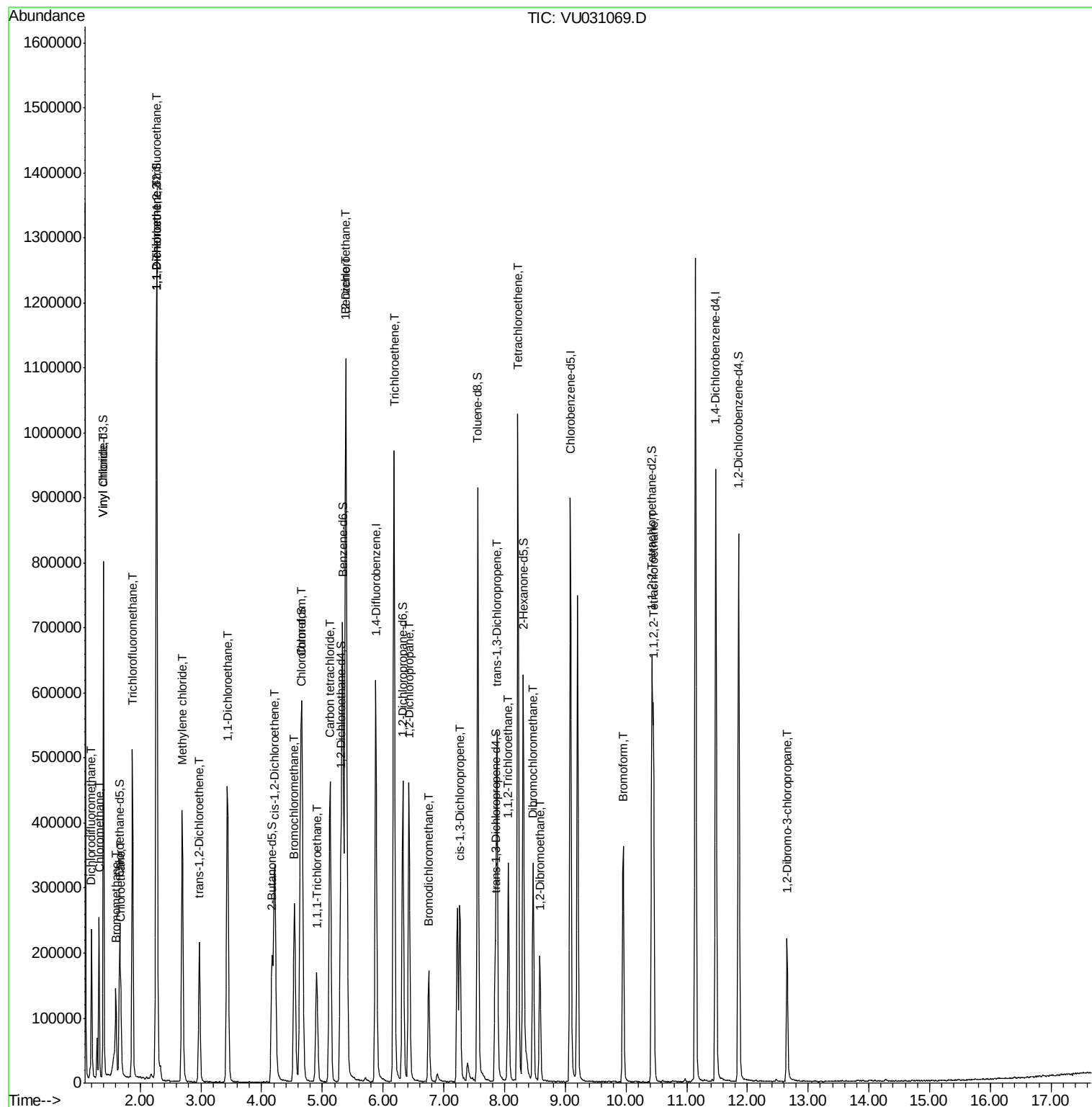
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.38	78	782267	47.648	ug/L	100
34) Trichloroethene	6.18	95	350648	87.080	ug/L	98
37) 1,2-Dichloropropane	6.43	63	185142	39.825	ug/L	100
38) Bromodichloromethane	6.75	83	115411	20.579	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	164097	24.800	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	299861	51.423	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	108349	27.481	ug/L	97
46) Tetrachloroethene	8.22	164	230106	78.600	ug/L	99
49) Dibromochloromethane	8.47	129	175757	42.011	ug/L	98
50) 1,2-Dibromoethane	8.58	107	128936	30.222	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	278465	39.047	ug/L	98
61) Bromoform	9.95	173	166310	51.319	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	63325	38.302	ug/L	98

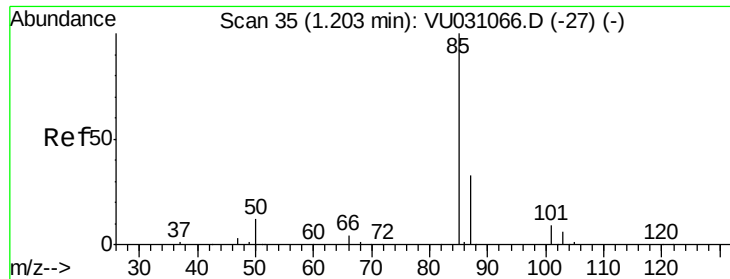
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 29.769 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

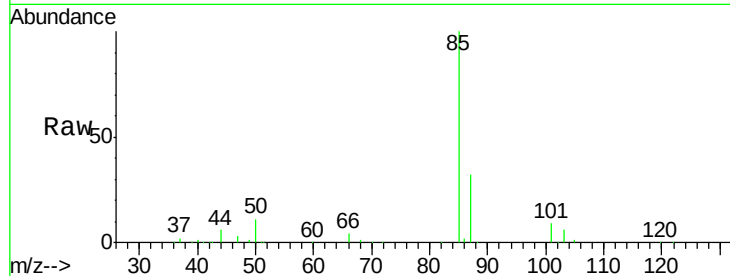
X2G51

Tot Ion: 85 Resp: 133918

Ion Ratio Lower Upper

85 100

87 32.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VU031066.D (-27) (-)

Ion 87.00 (86.70 to 87.70): VU031066.D (-27) (-)

1.20

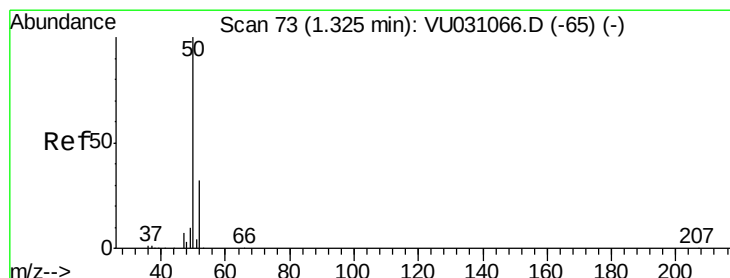
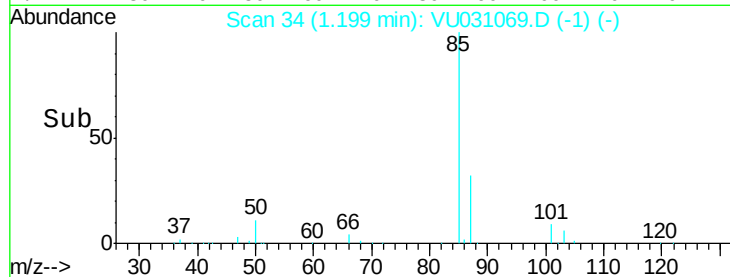
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 26.298 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU031069.D

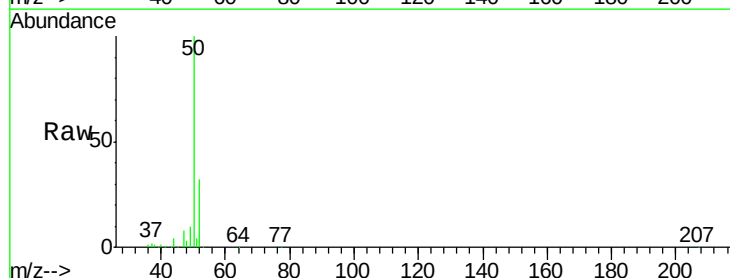
Acq: 11 Apr 2019 15:28

Tgt Ion: 50 Resp: 153022

Ion Ratio Lower Upper

50 100

52 31.8 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU031066.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU031066.D (-65) (-)

1.32

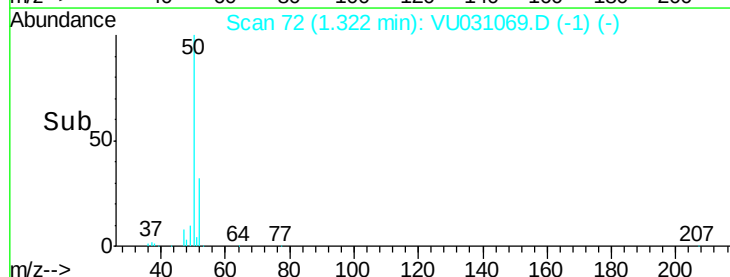
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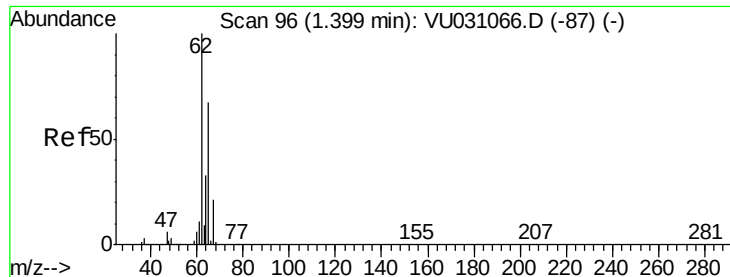
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 55.520 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

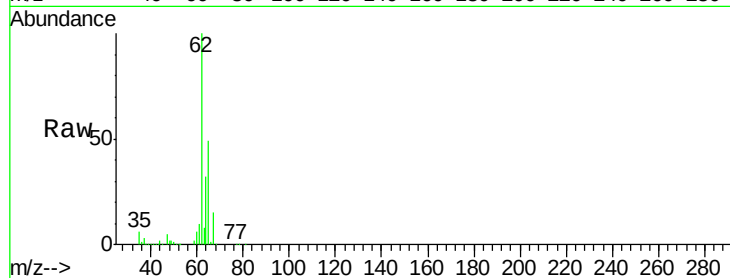
X2G51

Tot Ion: 62 Resp: 312725

Ion Ratio Lower Upper

62 100

64 32.4 21.5 39.9



Abundance Ion 62.00 (61.70 to 62.70): VU031066.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU031066.D (-87) (-)

1.40

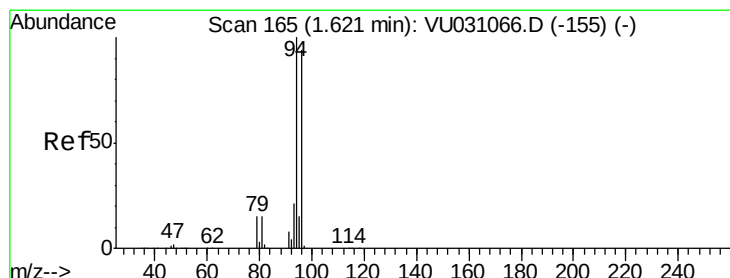
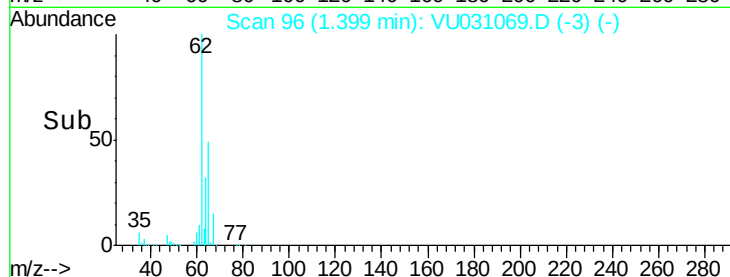
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 17.618 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.02 min

Lab File: VU031069.D

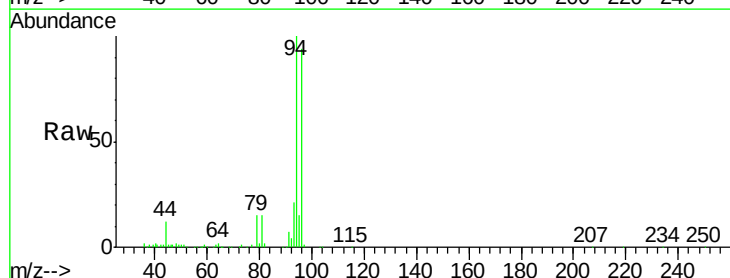
Acq: 11 Apr 2019 15:28

Tgt Ion: 94 Resp: 51413

Ion Ratio Lower Upper

94 100

96 93.6 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU031066.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU031066.D (-155) (-)

1.60

50000

40000

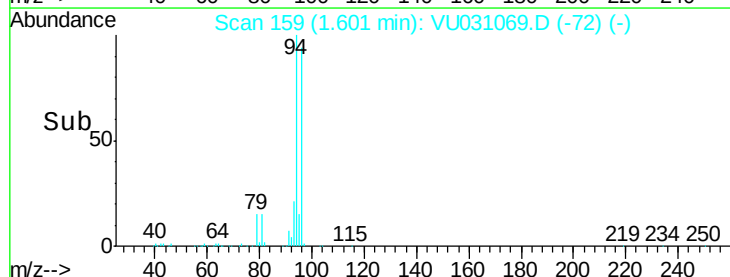
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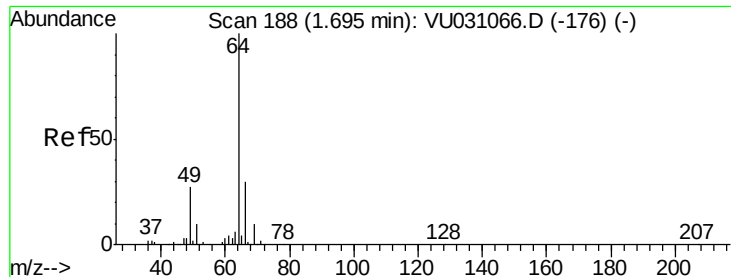
20000

10000

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Time-->

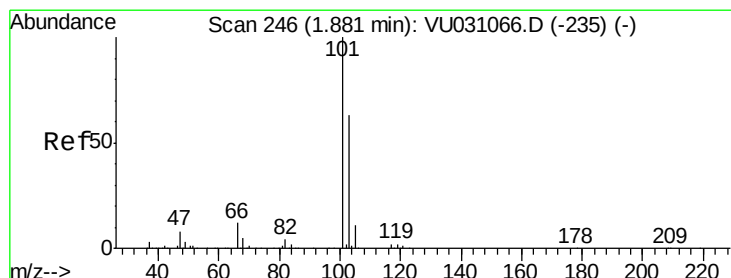
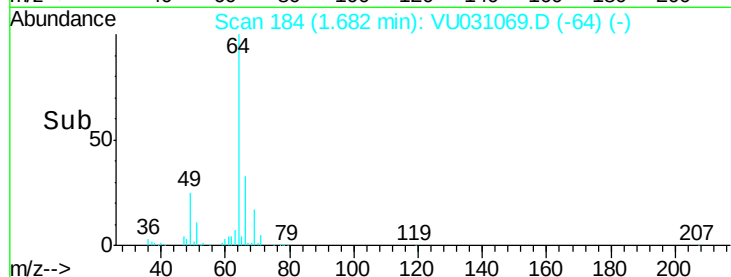
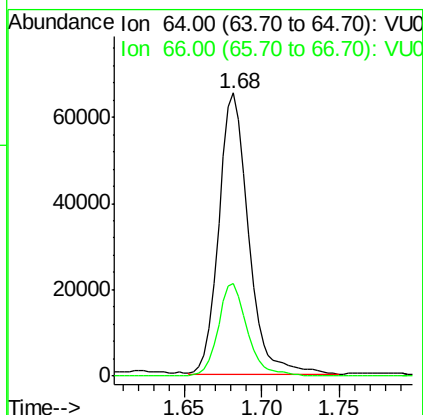
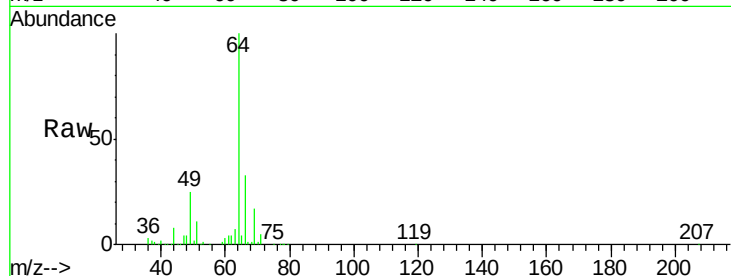




#8
Chloroethane
Concen: 26.970 ug/L
RT: 1.68 min Scan# 184
Delta R.T. -0.01 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

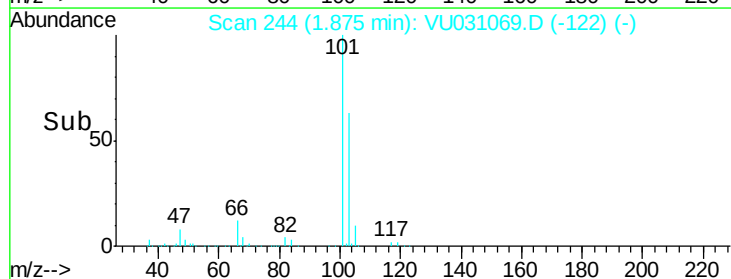
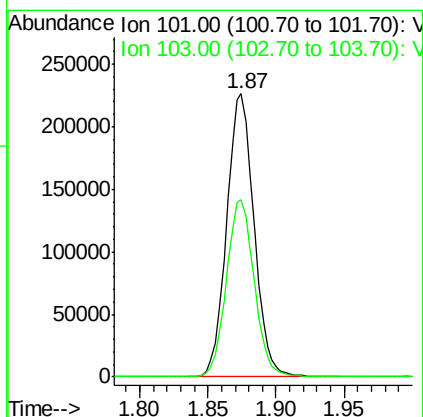
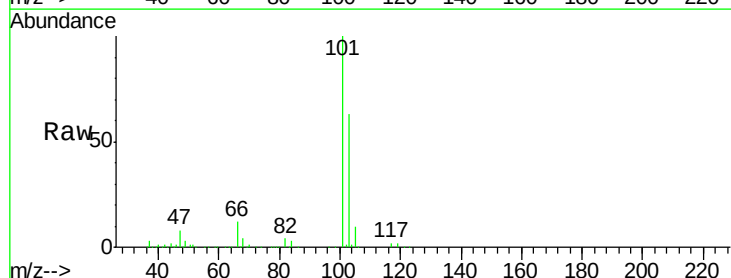
Instrument :
MSVOA_U
ClientSampleId :
X2G51

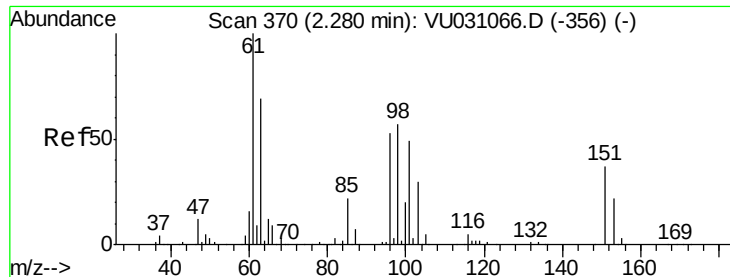
Tot Ion: 64 Resp: 86644
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.081 ug/L
RT: 1.87 min Scan# 244
Delta R.T. -0.01 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

Tgt Ion:101 Resp: 315560
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.8





#10

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

Concen: 23.672 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

X2G51

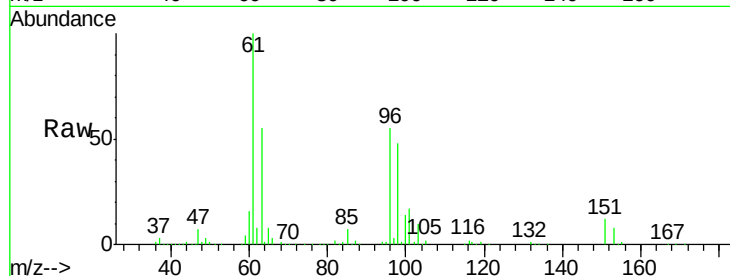
Tot Ion:101 Resp: 86808

Ion Ratio Lower Upper

101 100

85 42.7 36.8 55.2

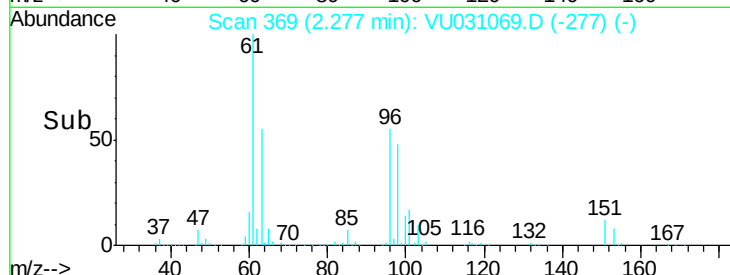
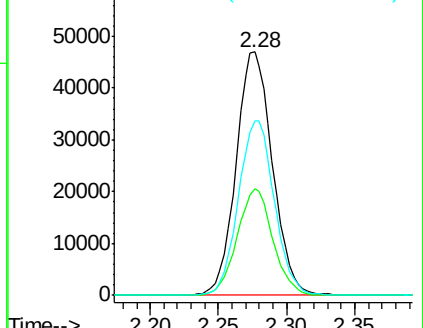
151 71.1 57.4 86.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 70.473 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

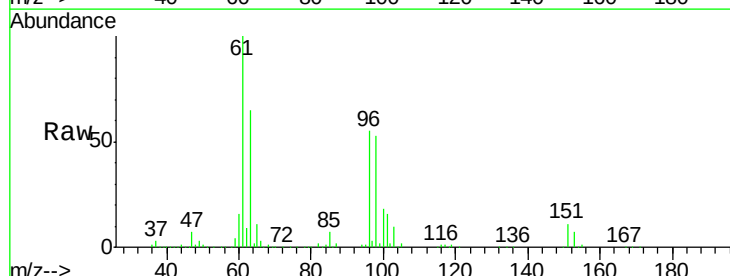
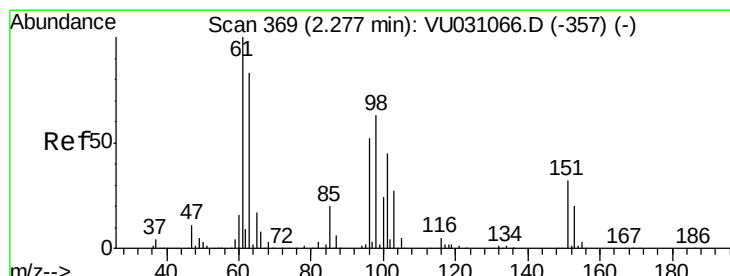
Tgt Ion: 96 Resp: 249482

Ion Ratio Lower Upper

96 100

61 182.7 132.0 245.2

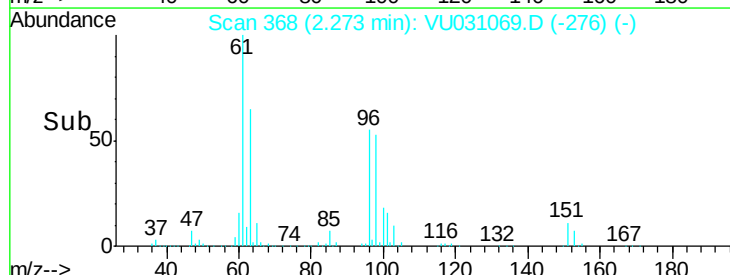
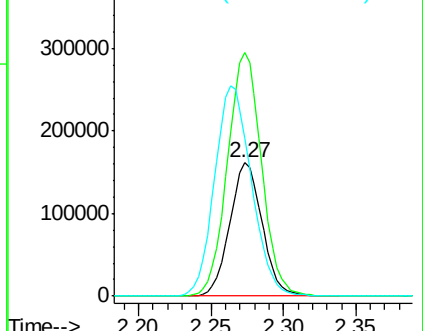
63 118.7 90.9 168.9

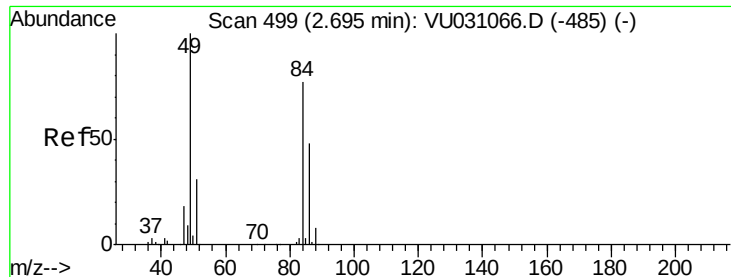


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

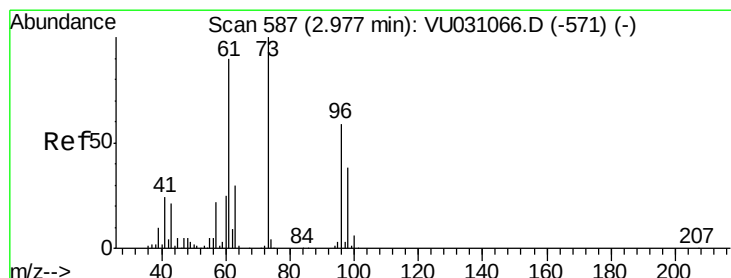
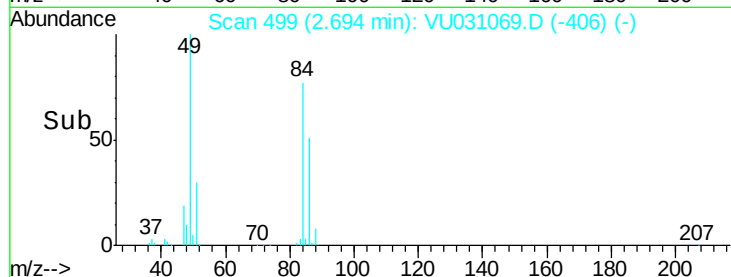
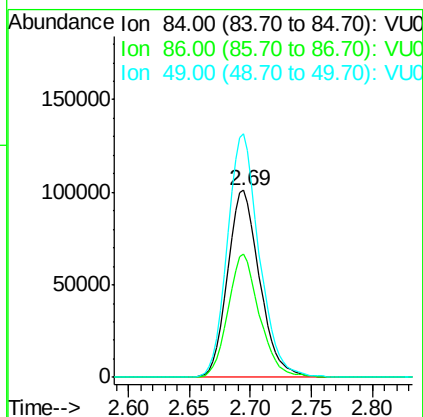
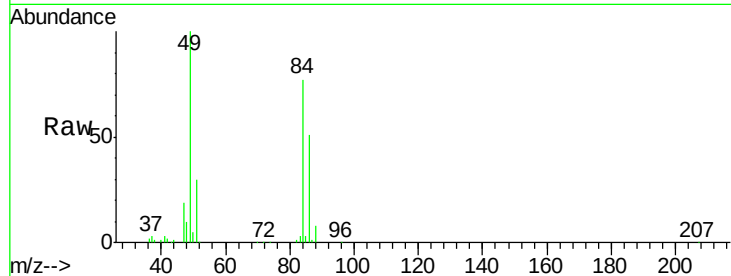




#16
Methylene chloride
Concen: 43.365 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

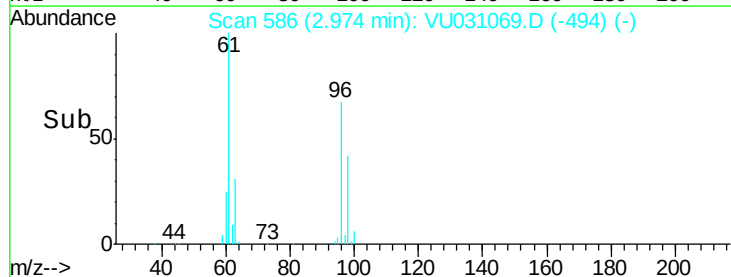
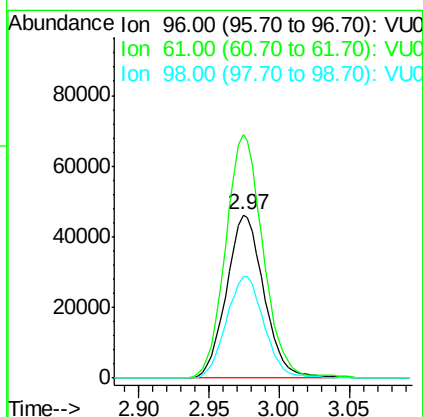
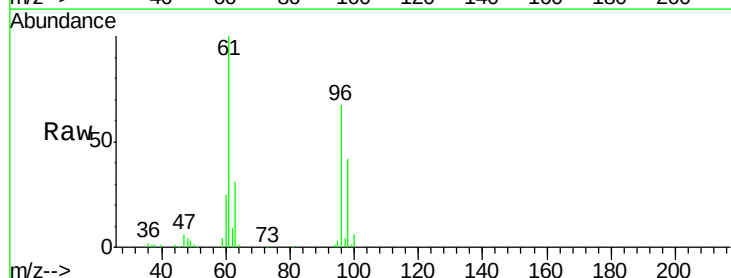
Instrument :
MSVOA_U
ClientSampled :
X2G51

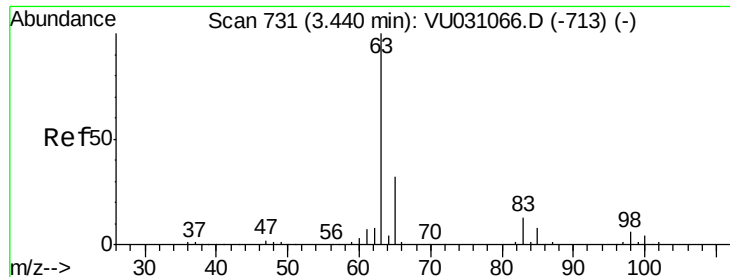
Tot Ion: 84 Resp: 186492
Ion Ratio Lower Upper
84 100
86 66.1 45.1 83.7
49 130.2 96.5 179.1



#17
trans-1,2-Dichloroethene
Concen: 22.874 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

Tgt Ion: 96 Resp: 85979
Ion Ratio Lower Upper
96 100
61 149.3 109.5 203.3
98 62.1 44.0 81.6

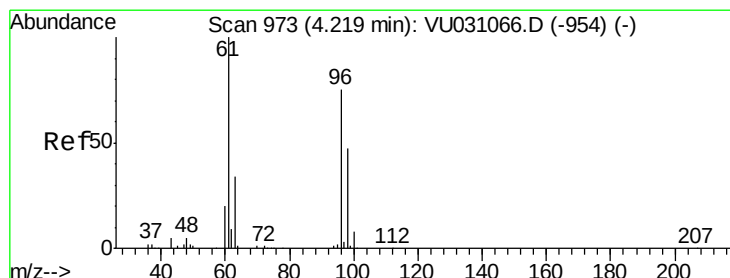
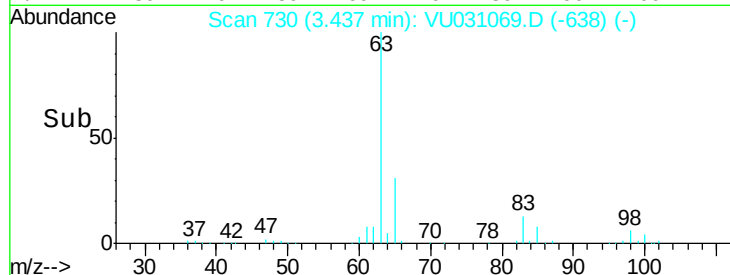
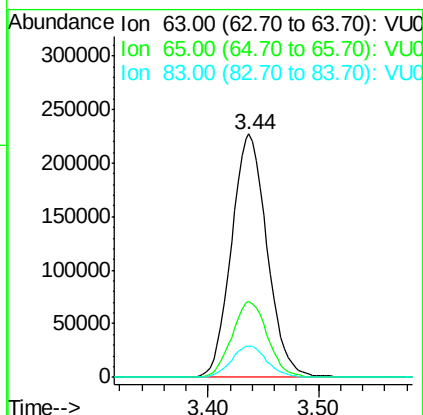
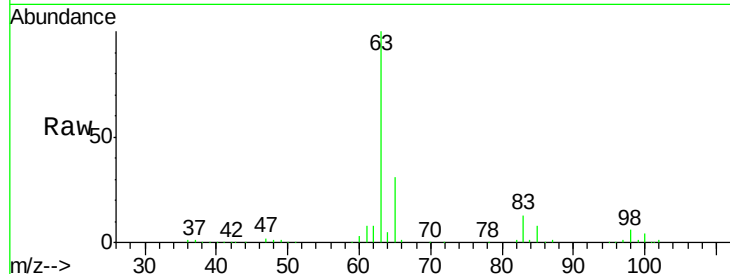




#19
 1,1-Dichloroethane
 Concen: 65.340 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU031069.D
 Acq: 11 Apr 2019 15:28

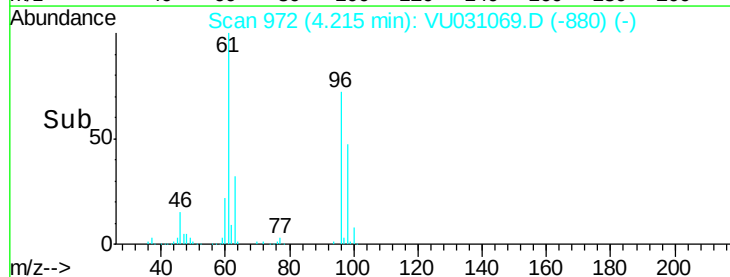
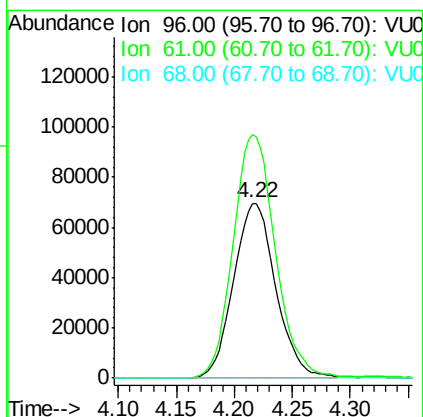
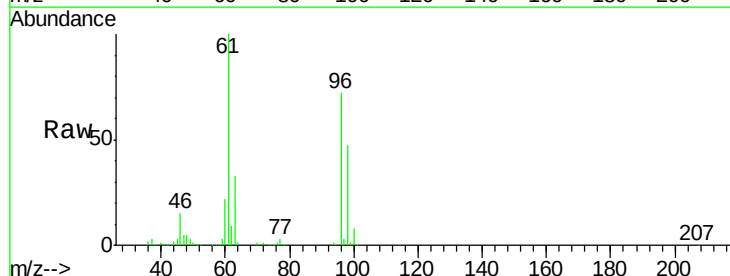
Instrument :
 MSVOA_U
 ClientSampled :
 X2G51

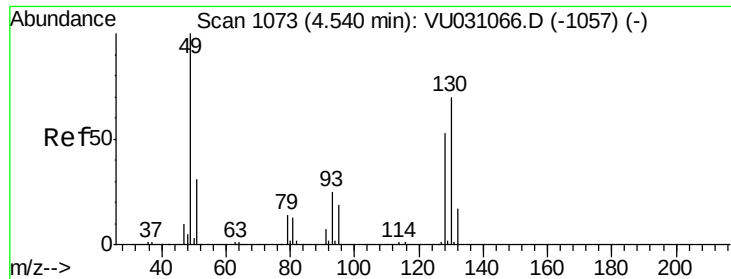
Tot Ion: 63 Resp: 506851
 Ion Ratio Lower Upper
 63 100
 65 31.0 21.4 39.8
 83 12.9 8.5 15.7



#20
 cis-1,2-Dichloroethene
 Concen: 42.475 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU031069.D
 Acq: 11 Apr 2019 15:28

Tgt Ion: 96 Resp: 176287
 Ion Ratio Lower Upper
 96 100
 61 139.4 102.9 191.1
 68 0.0 0.0 0.0

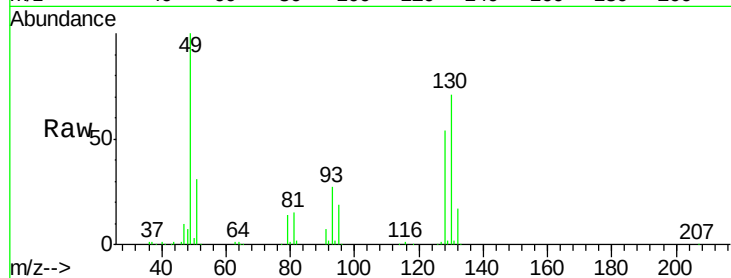




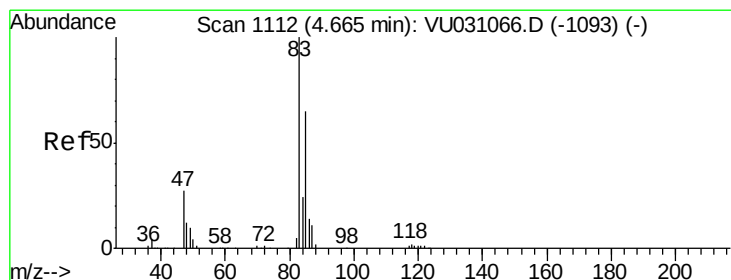
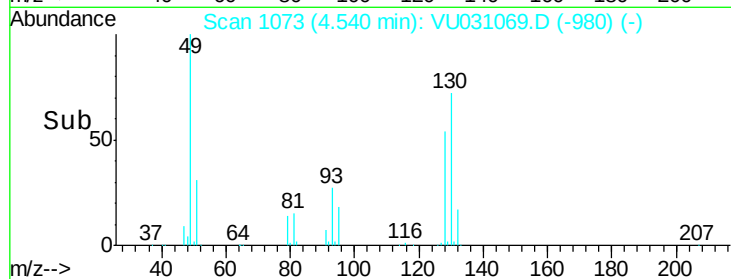
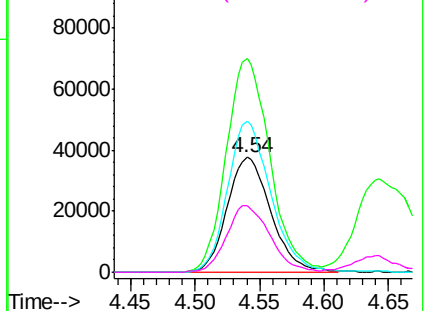
#23
Bromochloromethane
Concen: 45.246 ug/L
RT: 4.54 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
X2G51

Tot Ion:128 Resp: 88780
Ion Ratio Lower Upper
128 100
49 186.0 139.9 259.7
130 131.9 86.6 160.8
51 57.5 52.2 78.4

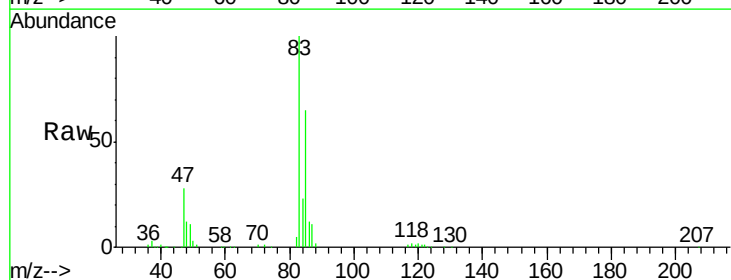


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VU

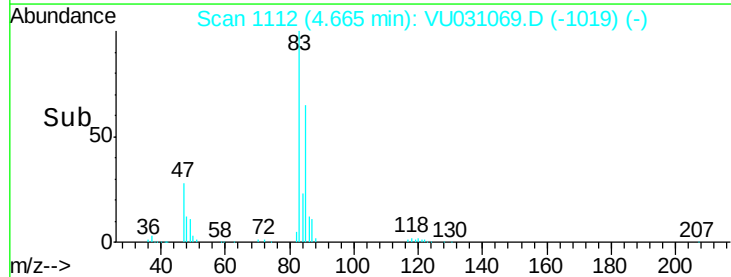
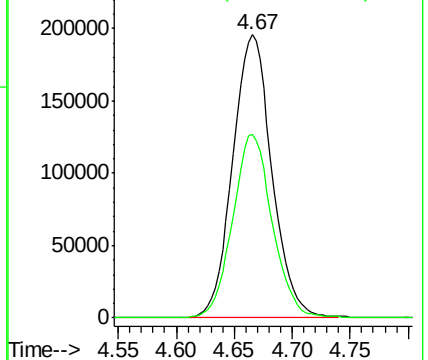


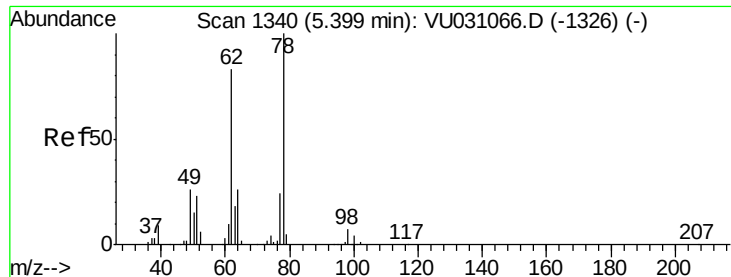
#25
Chloroform
Concen: 59.040 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

Tgt Ion: 83 Resp: 460296
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU
Ion 85.00 (84.70 to 85.70): VU

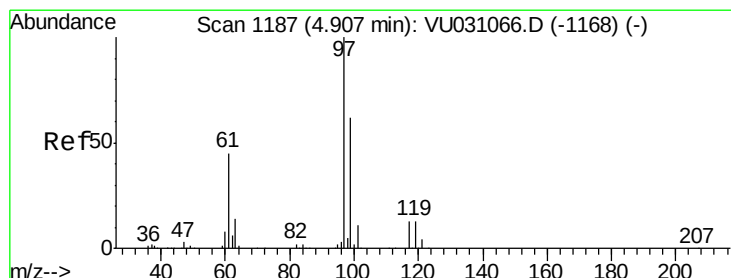
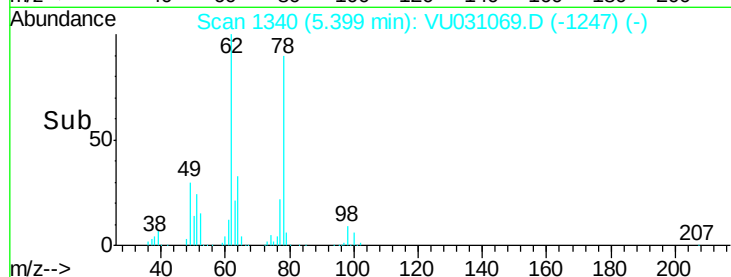
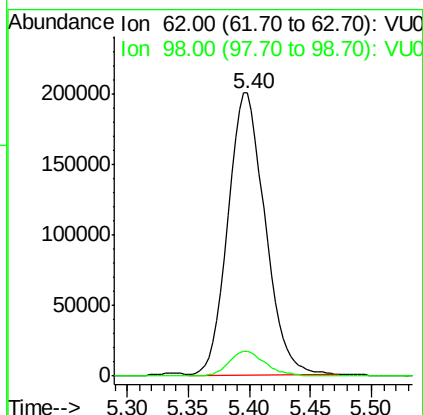
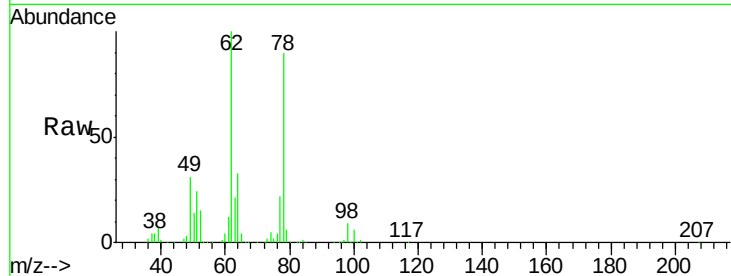




#27
 1,2-Dichloroethane
 Concen: 71.473 ug/L
 RT: 5.40 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VU031069.D
 Acq: 11 Apr 2019 15:28

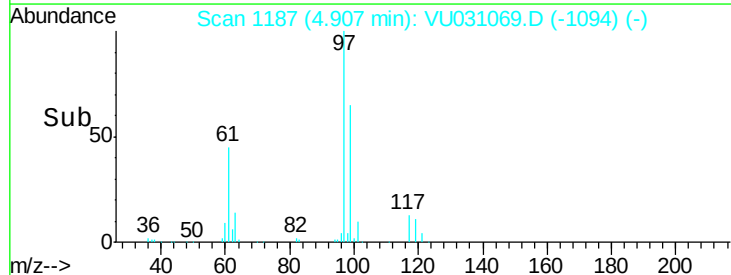
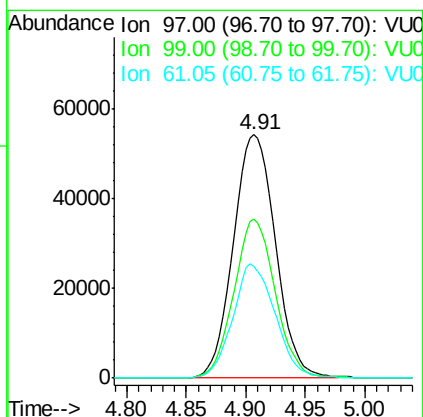
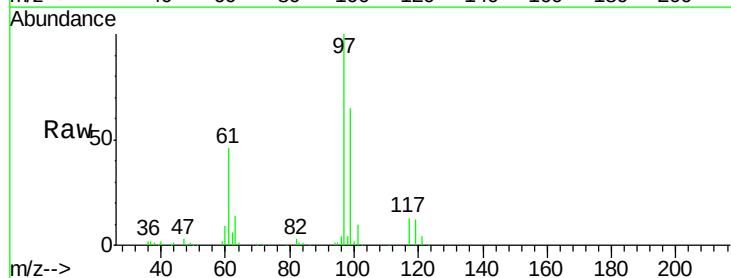
Instrument :
 MSVOA_U
 ClientSampleId :
 X2G51

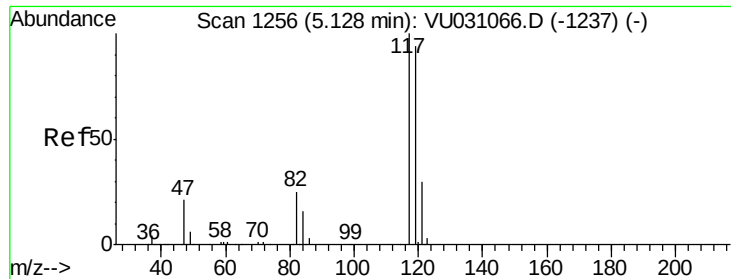
Tot Ion: 62 Resp: 425296
 Ion Ratio Lower Upper
 62 100
 98 8.8 7.2 10.8



#30
 1,1,1-Trichloroethane
 Concen: 21.775 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU031069.D
 Acq: 11 Apr 2019 15:28

Tgt Ion: 97 Resp: 133136
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.4 77.2
 61 46.9 37.1 55.7





#31

Carbon tetrachloride

Concen: 65.280 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

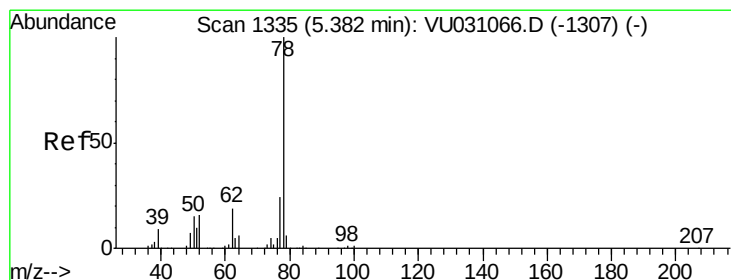
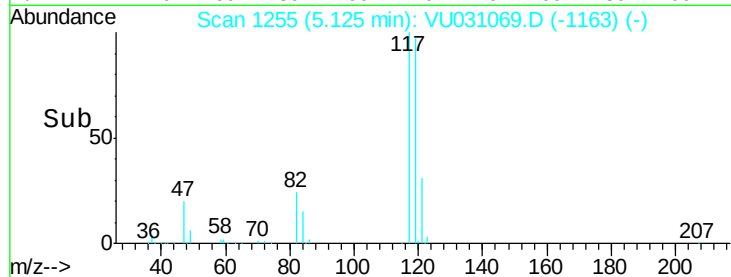
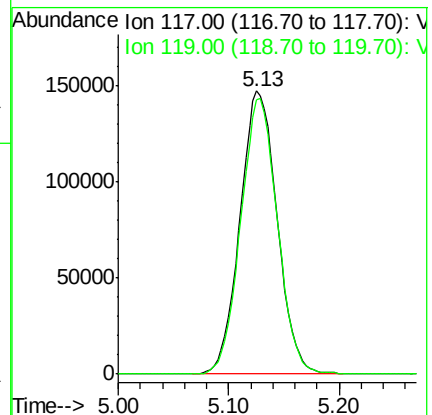
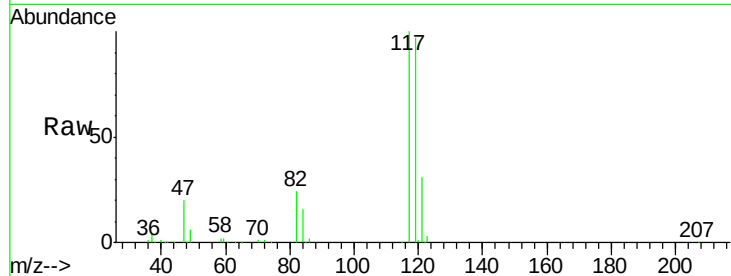
X2G51

Tot Ion:117 Resp: 343948

Ion Ratio Lower Upper

117 100

119 96.1 76.2 114.2



#33

Benzene

Concen: 47.648 ug/L

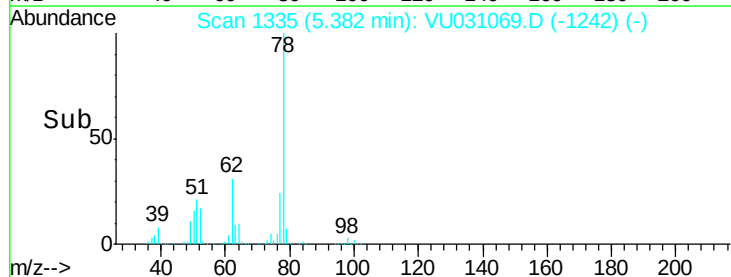
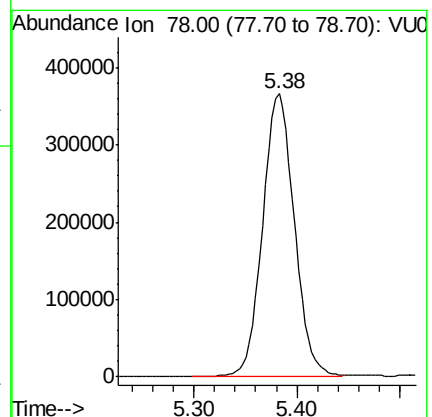
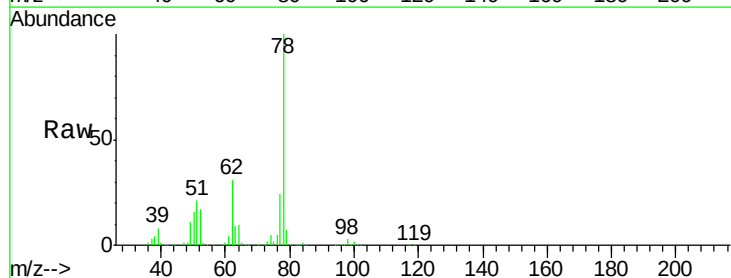
RT: 5.38 min Scan# 1335

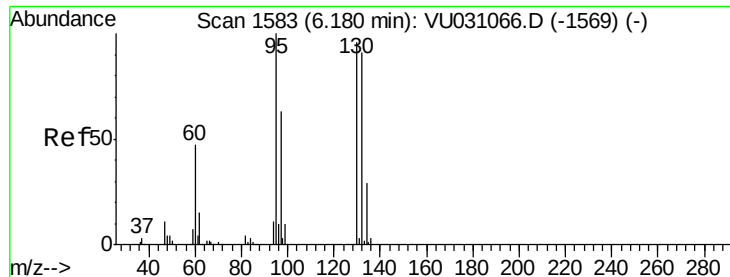
Delta R.T. 0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Tgt Ion: 78 Resp: 782267





#34

Trichloroethene

Concen: 87.080 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

X2G51

Tot Ion: 95 Resp: 350648

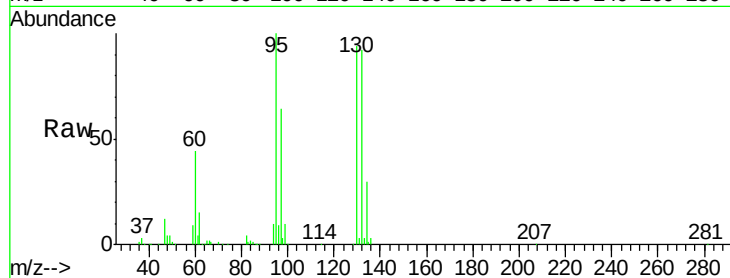
Ion Ratio Lower Upper

95 100

97 63.5 44.5 82.7

132 92.1 61.5 114.1

130 93.9 64.9 120.5

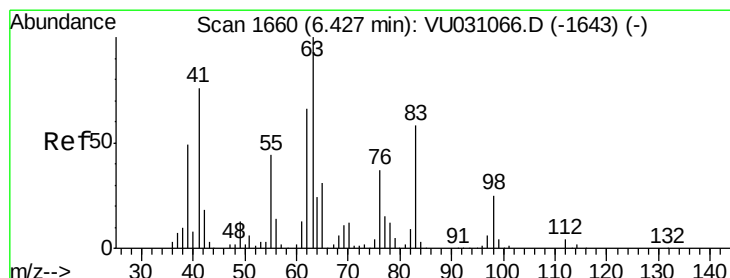
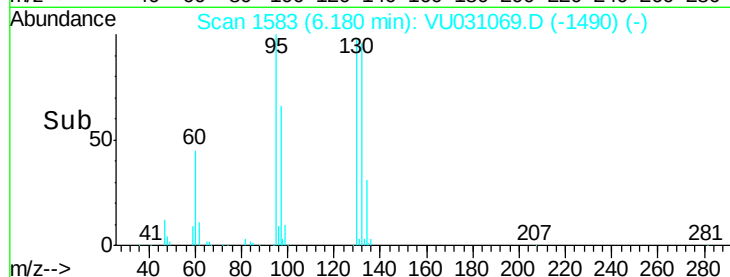
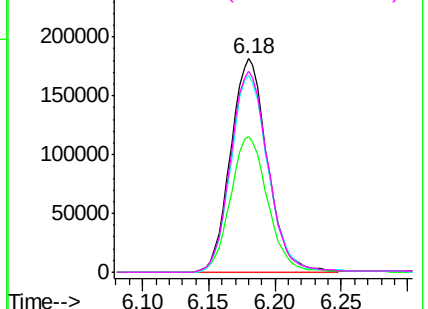


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 39.825 ug/L

RT: 6.43 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VU031069.D

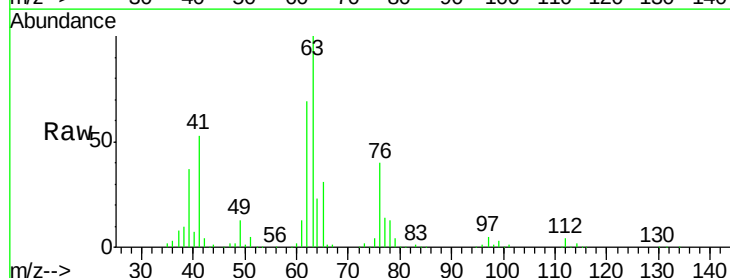
Acq: 11 Apr 2019 15:28

Tgt Ion: 63 Resp: 185142

Ion Ratio Lower Upper

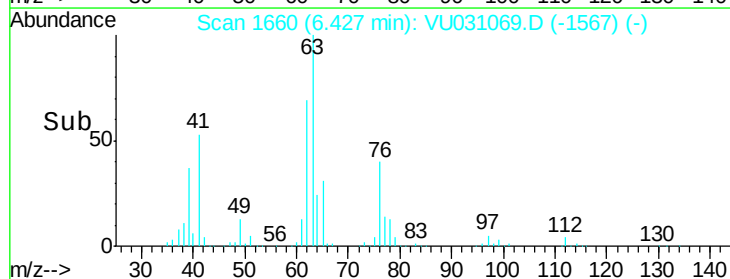
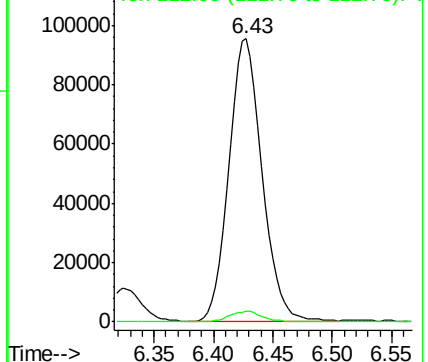
63 100

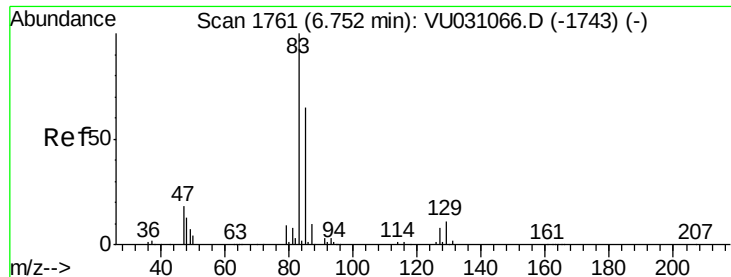
112 3.6 3.0 4.4



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#38

Bromodichloromethane

Concen: 20.579 ug/L

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

X2G51

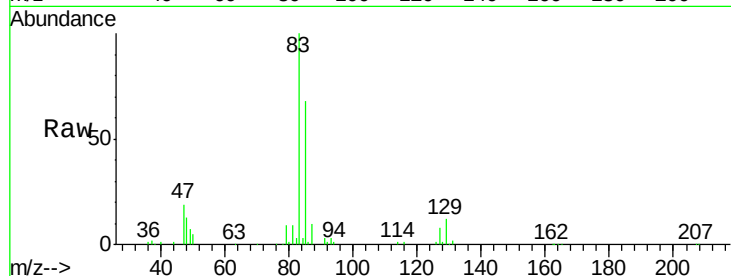
Tot Ion: 83 Resp: 115411

Ion Ratio Lower Upper

83 100

85 67.5 46.5 86.3

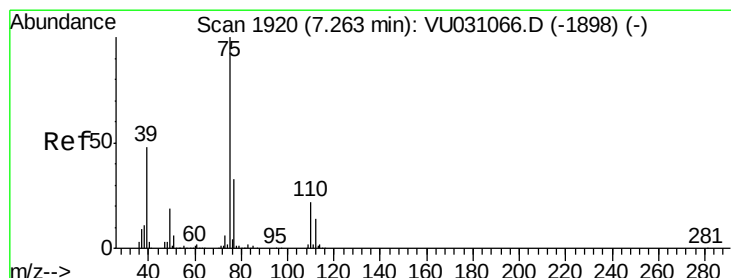
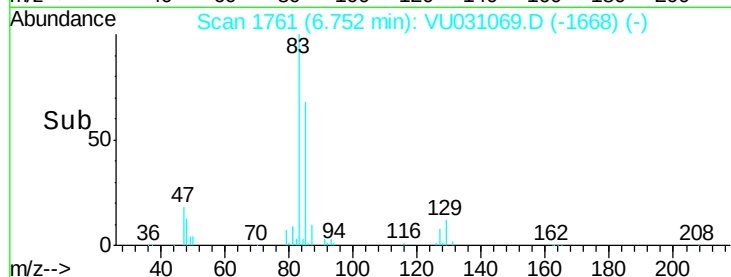
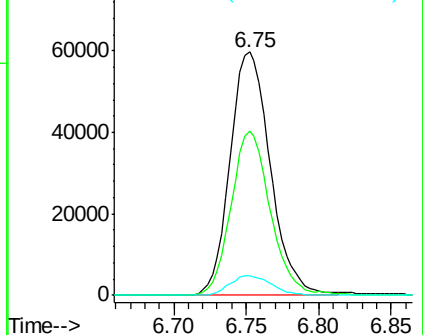
127 8.2 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VU031066.D (-1743) (-)

Ion 85.00 (84.70 to 85.70): VU031066.D (-1743) (-)

Ion 127.00 (126.70 to 127.70): VU031066.D (-1743) (-)



#39

cis-1,3-Dichloropropene

Concen: 24.800 ug/L

RT: 7.26 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VU031069.D

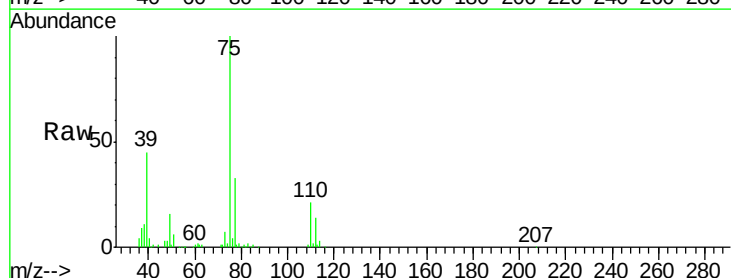
Acq: 11 Apr 2019 15:28

Tgt Ion: 75 Resp: 164097

Ion Ratio Lower Upper

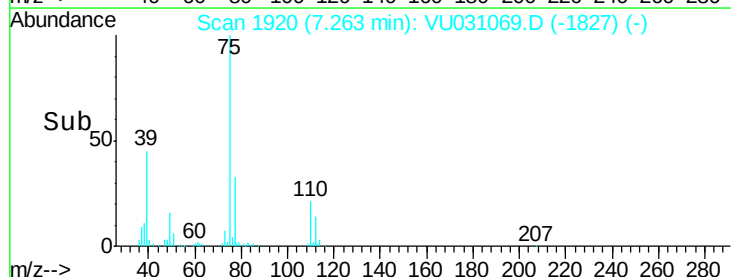
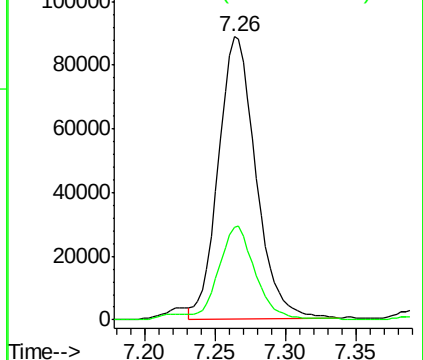
75 100

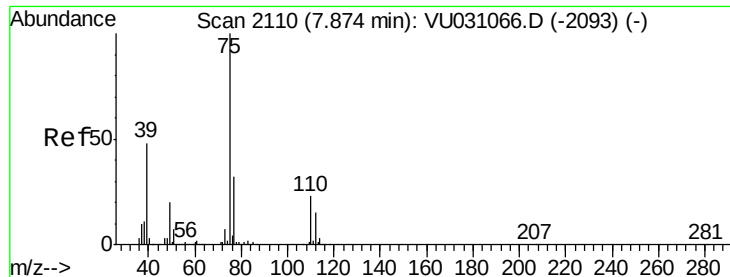
77 32.9 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU031066.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU031066.D (-1898) (-)





#44

trans-1,3-Dichloropropene

Concen: 51.423 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

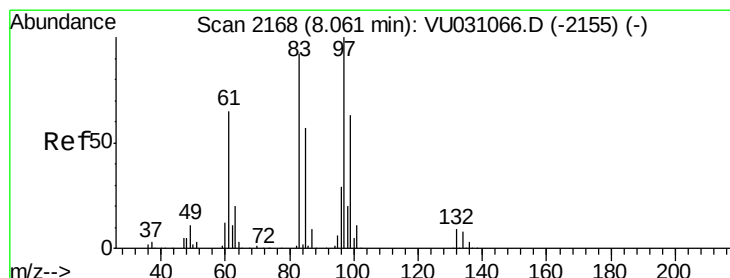
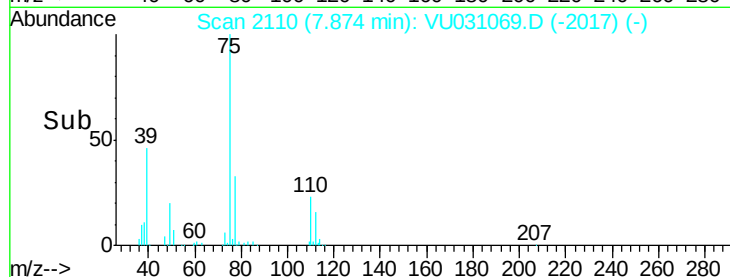
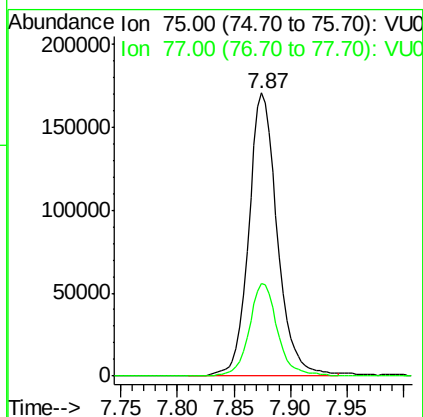
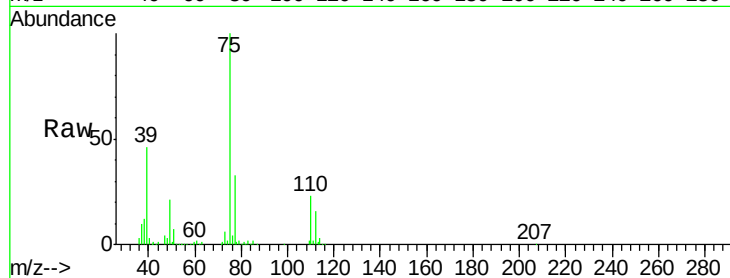
X2G51

Tot Ion: 75 Resp: 299861

Ion Ratio Lower Upper

75 100

77 32.8 21.6 40.0



#45

1,1,2-Trichloroethane

Concen: 27.481 ug/L

RT: 8.06 min Scan# 2168

Delta R.T. 0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Tgt Ion: 97 Resp: 108349

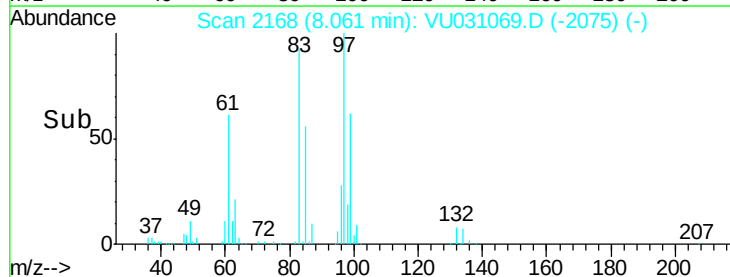
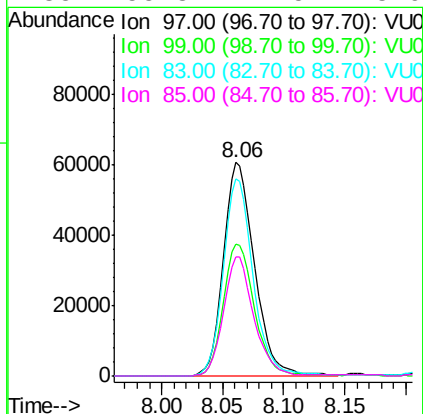
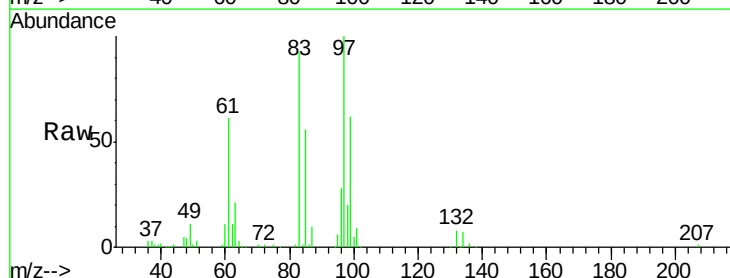
Ion Ratio Lower Upper

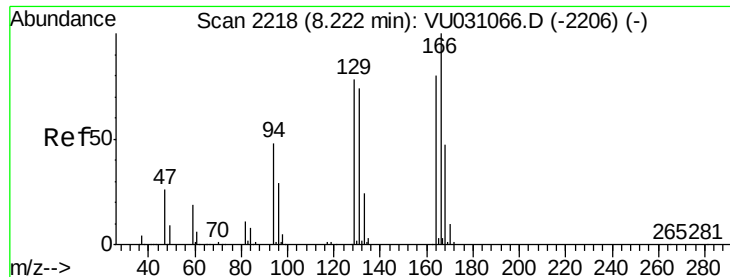
97 100

99 61.8 44.0 81.8

83 92.2 65.3 121.3

85 55.8 42.5 78.9





#46

Tetrachloroethene

Concen: 78.600 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

X2G51

Tot Ion:164 Resp: 230106

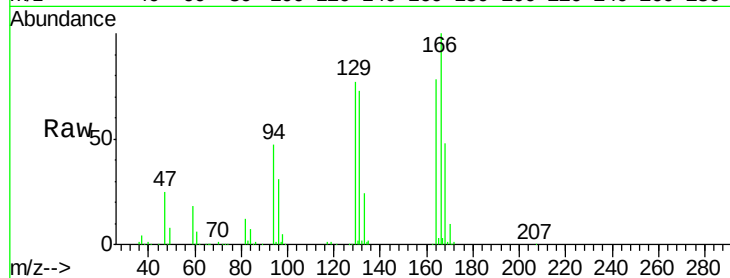
Ion Ratio Lower Upper

164 100

129 98.4 67.4 125.2

131 93.4 65.9 122.5

166 128.3 88.6 164.6

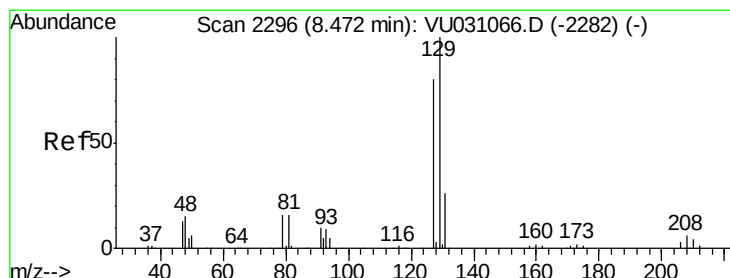
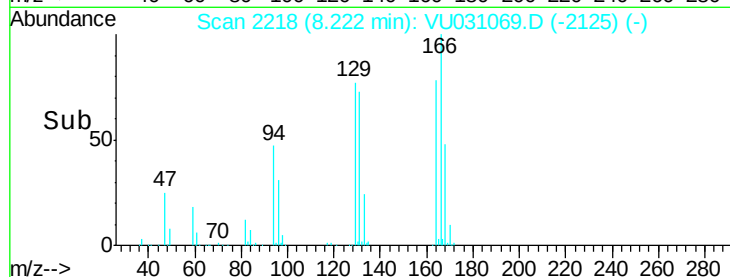
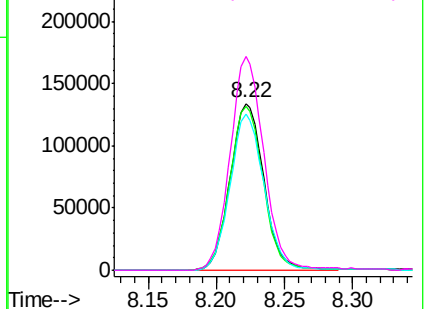


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 42.011 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU031069.D

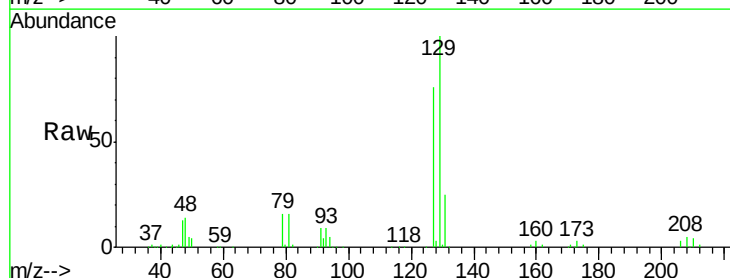
Acq: 11 Apr 2019 15:28

Tgt Ion:129 Resp: 175757

Ion Ratio Lower Upper

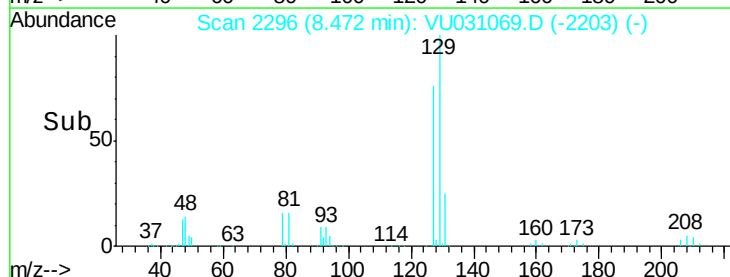
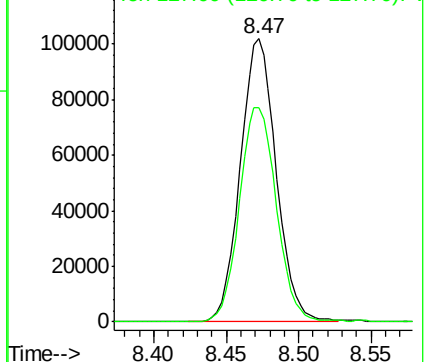
129 100

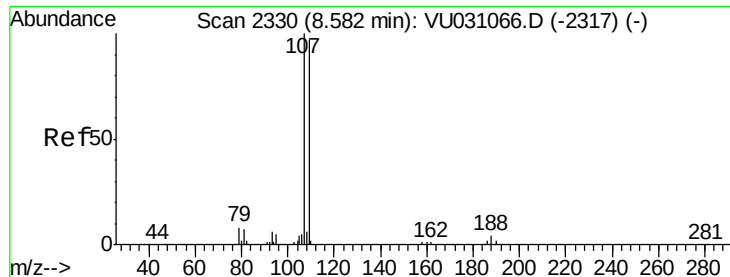
127 75.9 54.5 101.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#50

1,2-Dibromoethane

Concen: 30.222 ug/L

RT: 8.58 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

X2G51

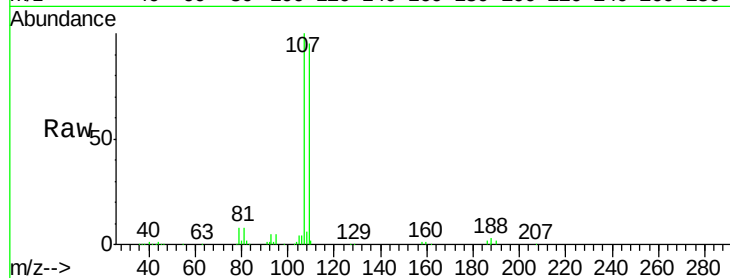
Tot Ion: 107 Resp: 128936

Ion Ratio Lower Upper

107 100

109 95.0 66.4 123.2

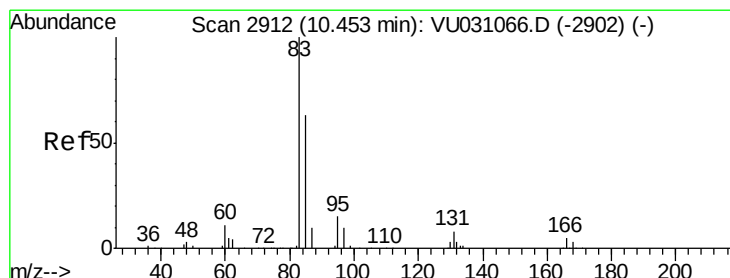
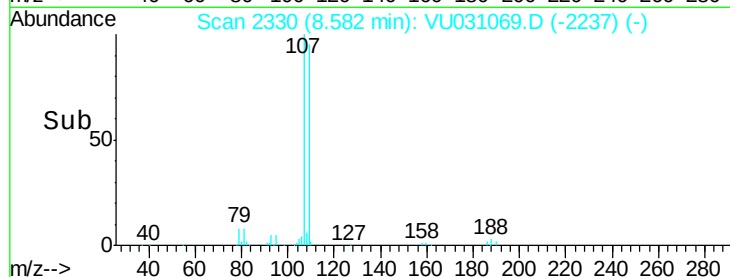
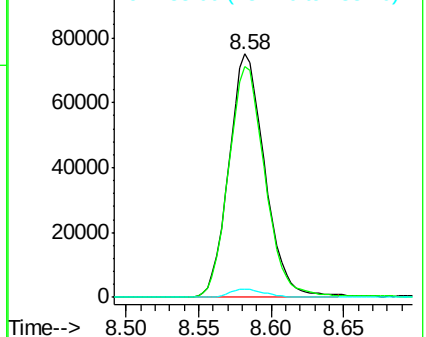
188 3.2 2.6 4.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 39.047 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

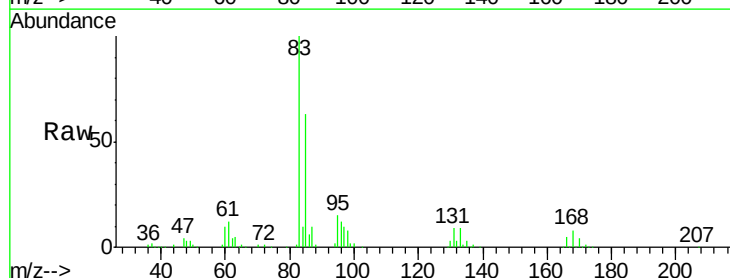
Tgt Ion: 83 Resp: 278465

Ion Ratio Lower Upper

83 100

85 63.1 45.3 84.1

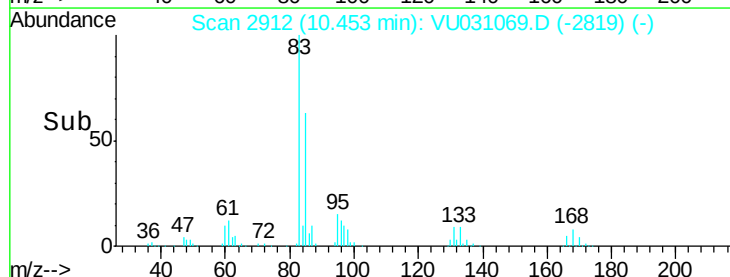
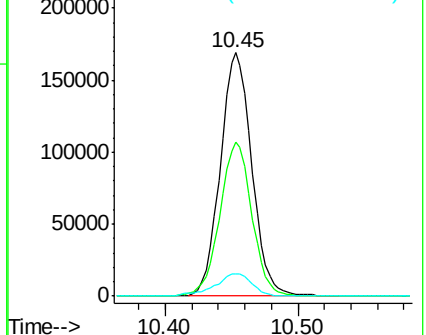
131 9.1 6.7 10.1

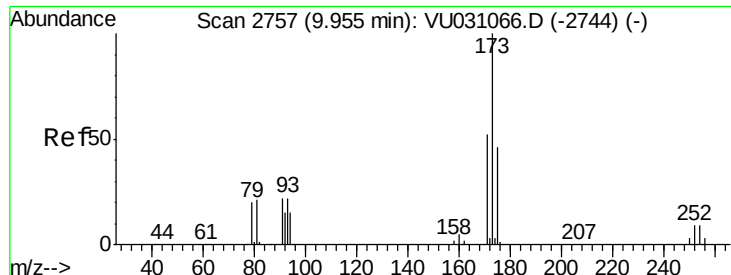


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 131.00 (130.70 to 131.70): V

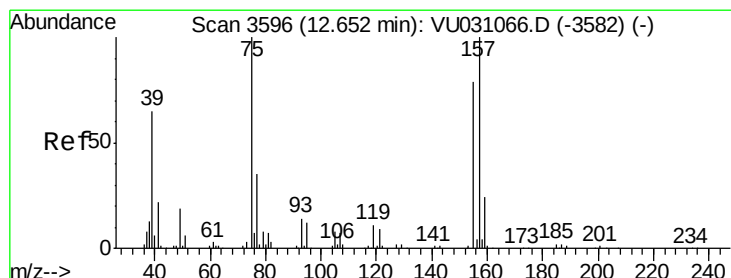
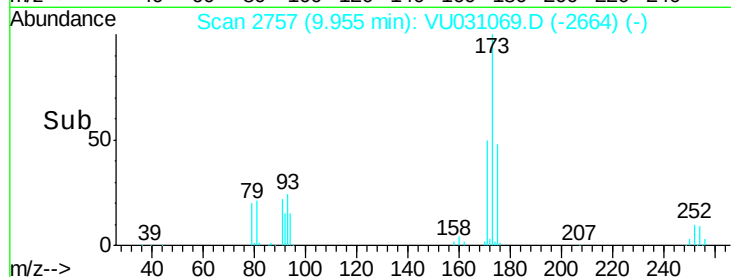
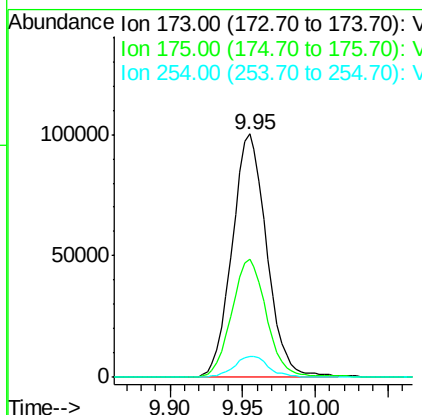
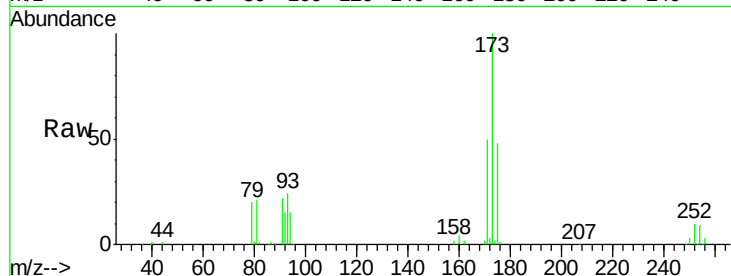




#61
Bromoform
Concen: 51.319 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
X2G51

Tot Ion:173 Resp: 166310
Ion Ratio Lower Upper
173 100
175 49.1 39.1 58.7
254 8.7 7.3 10.9



#66
1,2-Dibromo-3-chloropropane
Concen: 38.302 ug/L
RT: 12.66 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

Tgt Ion: 75 Resp: 63325
Ion Ratio Lower Upper
75 100
155 81.0 64.1 96.1
157 104.3 80.6 120.8

