

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 04:48:38 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
13) Acetone	2.32	43	3386	0.913	ug/L	91
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

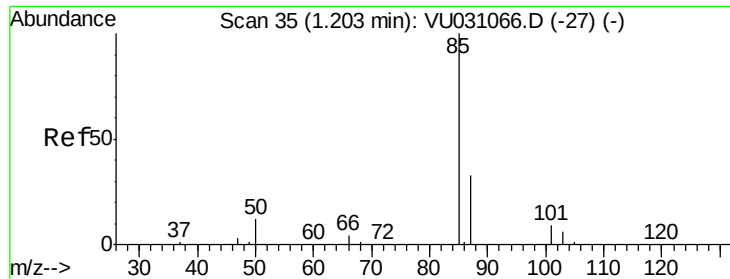
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031069.D
 Acq On : 11 Apr 2019 15:28
 Operator : JC/SP
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 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.13	117	343948	65.280	uq/L	99
33) Benzene	5.38	78	782267	47.648	uq/L	100
34) Trichloroethene	6.18	95	350648	87.080	uq/L	98
37) 1,2-Dichloropropane	6.43	63	185142	39.825	uq/L	100
38) Bromodichloromethane	6.75	83	115411	20.579	uq/L	99
39) cis-1,3-Dichloropropene	7.26	75	164097	24.800	uq/L	100
44) trans-1,3-Dichloropropene	7.87	75	299861	51.423	uq/L	96
45) 1,1,2-Trichloroethane	8.06	97	108349	27.481	uq/L	97
46) Tetrachloroethene	8.22	164	230106	78.600	uq/L	99
48) 2-Hexanone	8.36	43	12673	2.173	uq/L #	82
49) Dibromochloromethane	8.47	129	175757	42.011	uq/L	98
50) 1,2-Dibromoethane	8.58	107	128936	30.222	uq/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	278465	39.047	uq/L	98
61) Bromoform	9.95	173	166310	51.319	uq/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	63325	38.302	uq/L	98

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



#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 :

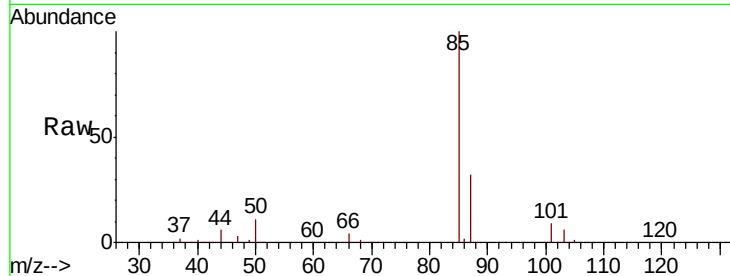
X2G51

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

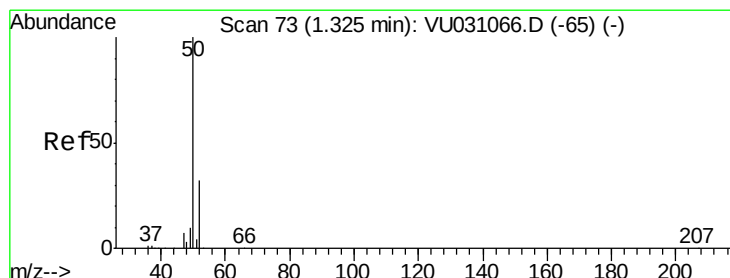
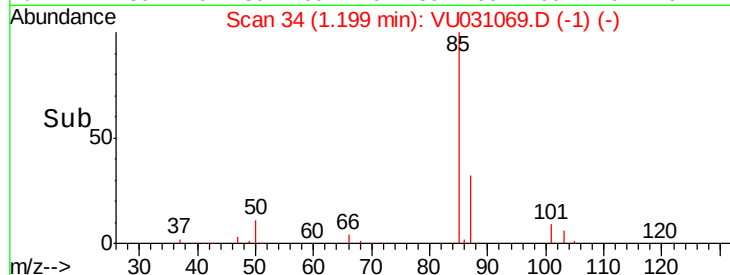
150000

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

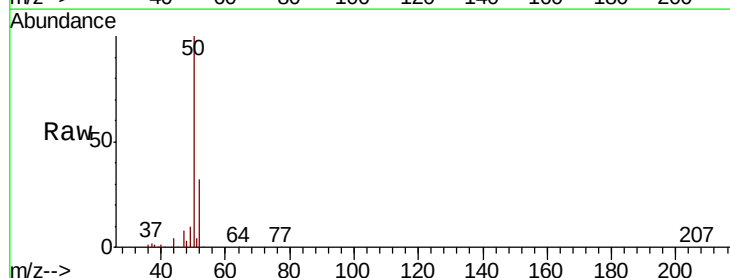
Acq: 11 Apr 2019 15:28

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

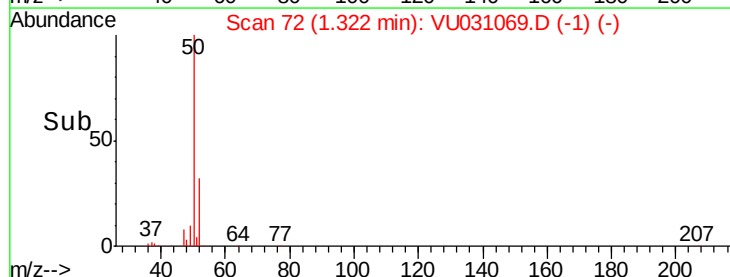
150000

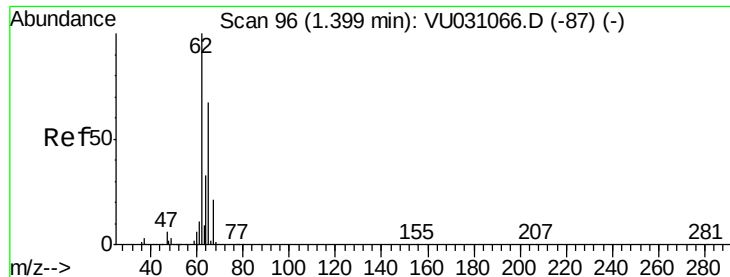
100000

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 :

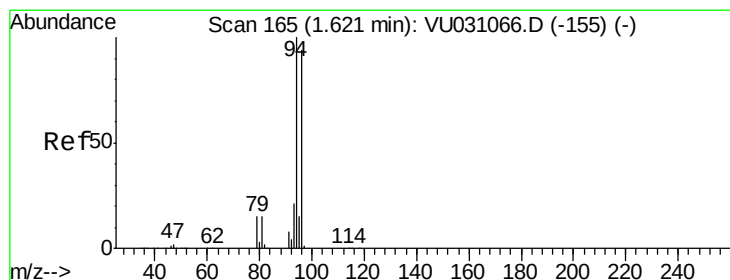
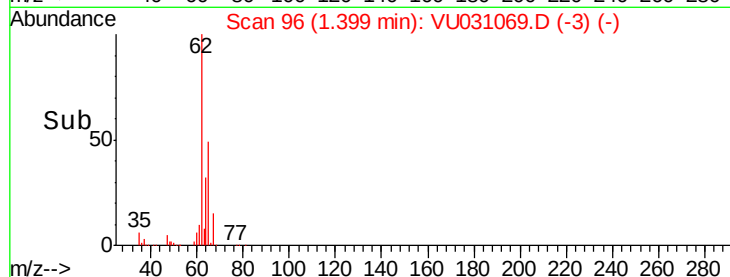
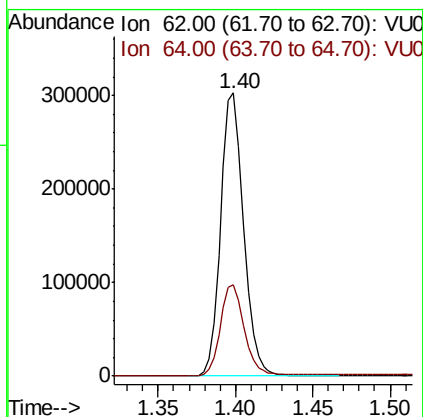
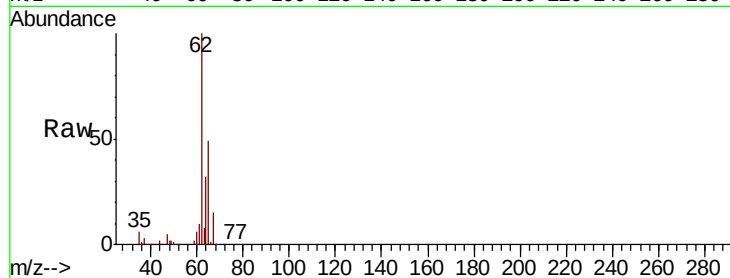
X2G51

Tot Ion: 62 Resp: 312725

Ion Ratio Lower Upper

62 100

64 32.4 21.5 39.9



#6

Bromomethane

Concen: 17.618 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.02 min

Lab File: VU031069.D

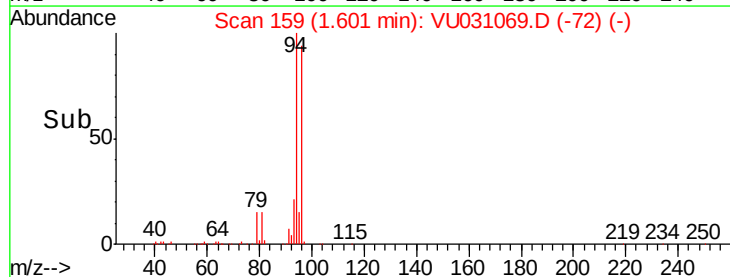
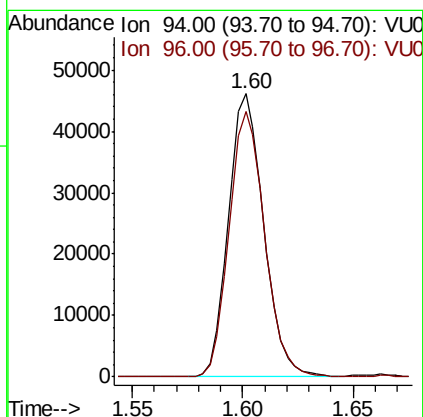
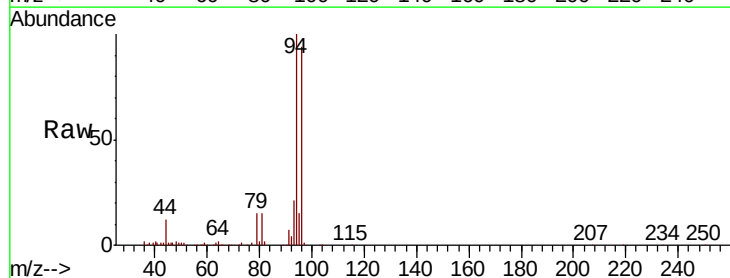
Acq: 11 Apr 2019 15:28

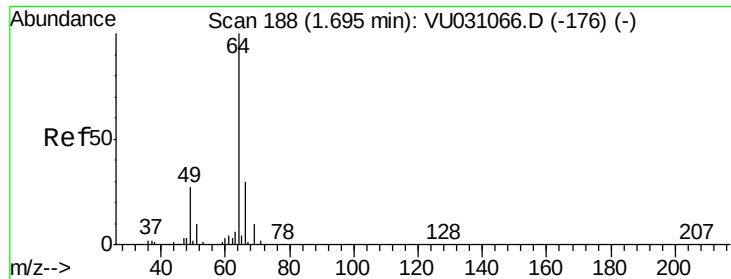
Tgt Ion: 94 Resp: 51413

Ion Ratio Lower Upper

94 100

96 93.6 65.5 121.7





#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 :

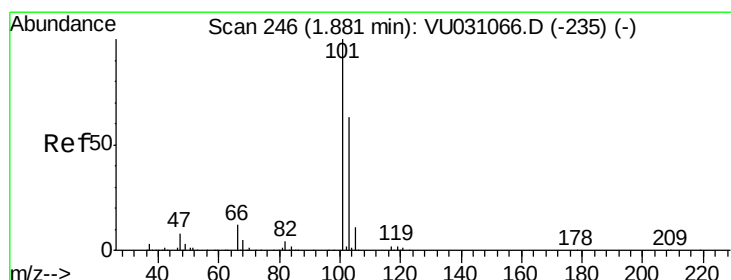
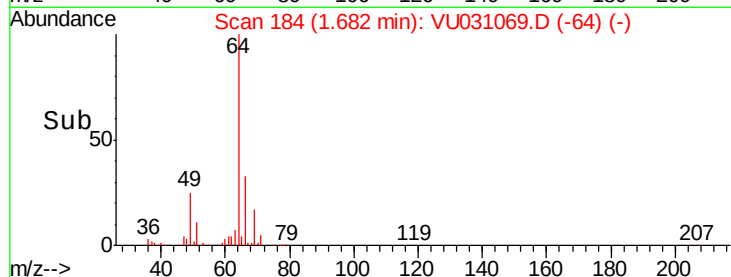
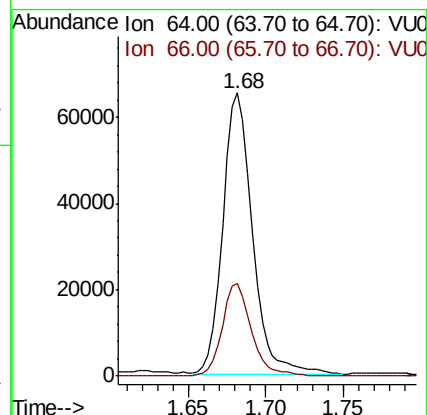
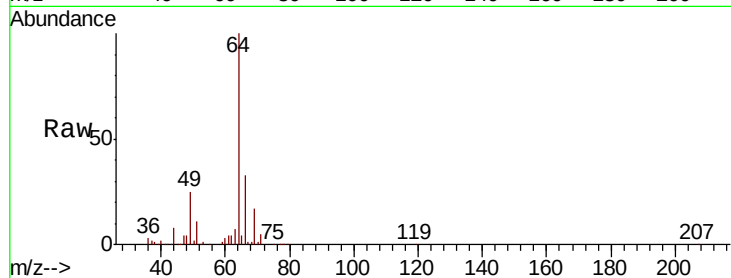
X2G51

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

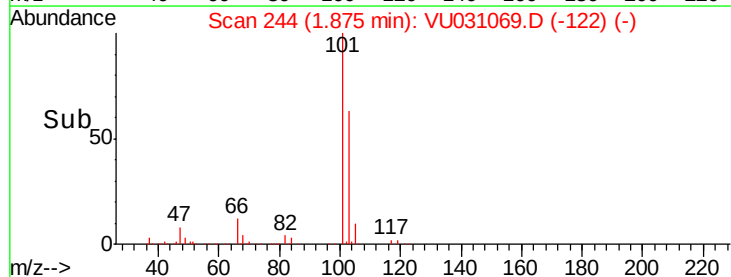
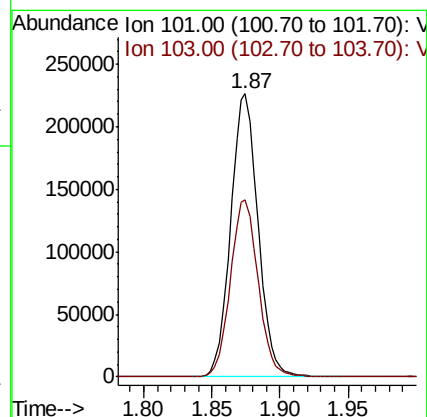
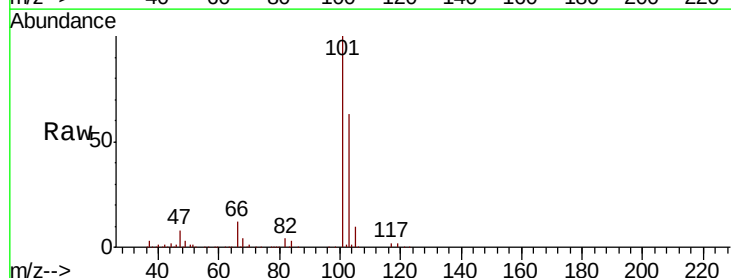
Acq: 11 Apr 2019 15:28

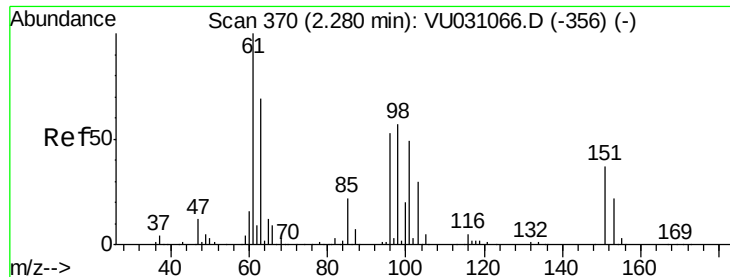
Tgt Ion: 101 Resp: 315560

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

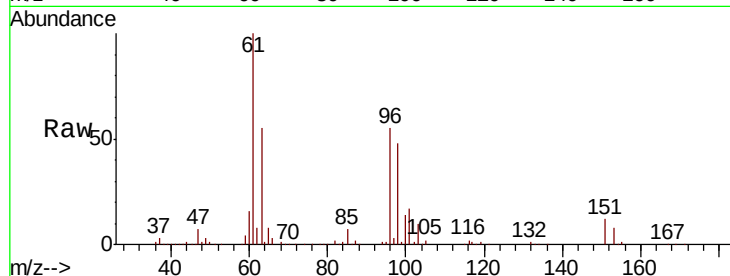
Tot Ion:101 Resp: 86808

Ion Ratio Lower Upper

101 100

85 42.7 36.8 55.2

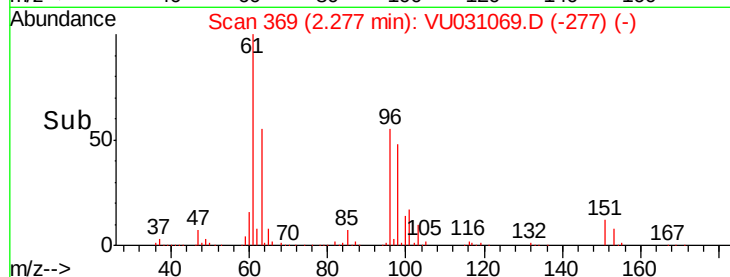
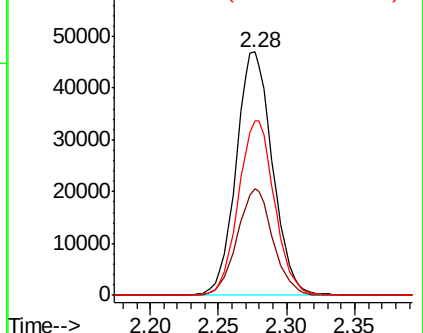
151 71.1 57.4 86.0



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

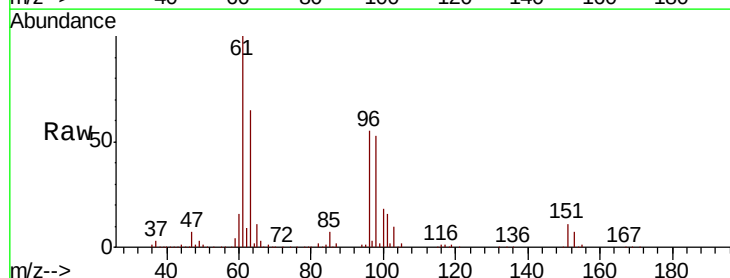
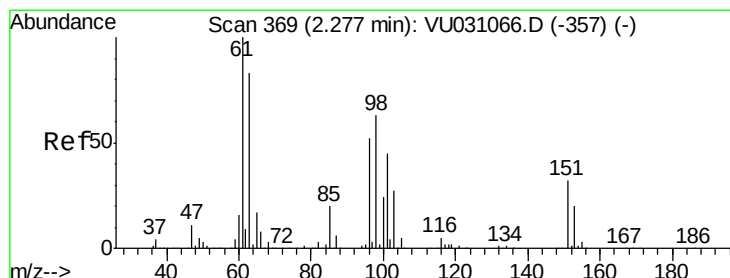
Tgt Ion: 96 Resp: 249482

Ion Ratio Lower Upper

96 100

61 182.7 132.0 245.2

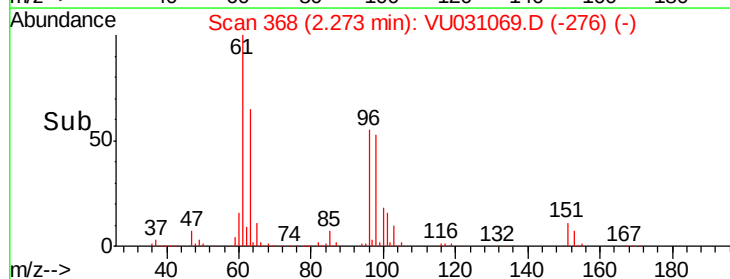
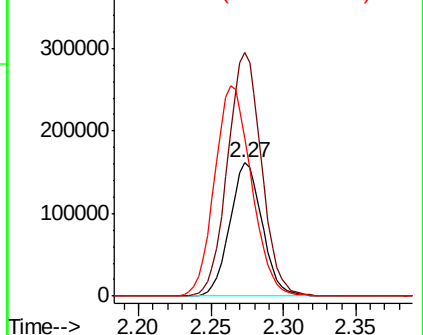
63 118.7 90.9 168.9

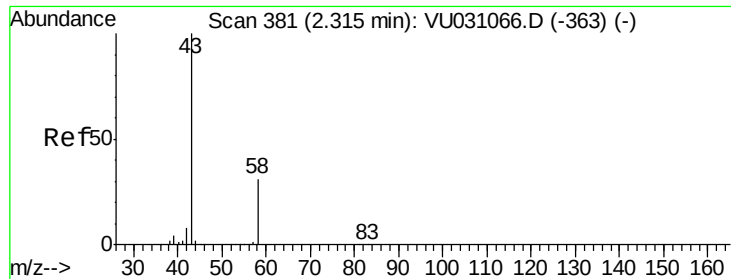


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.913 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

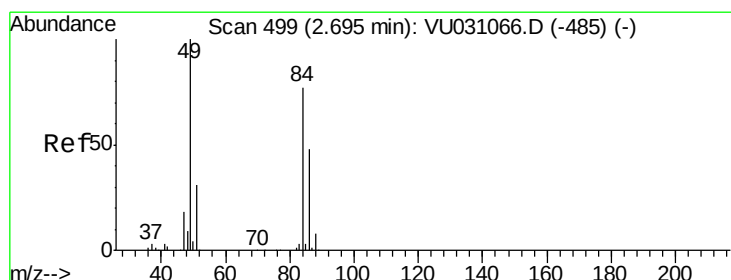
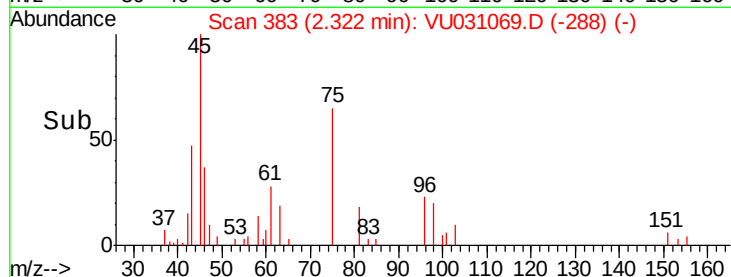
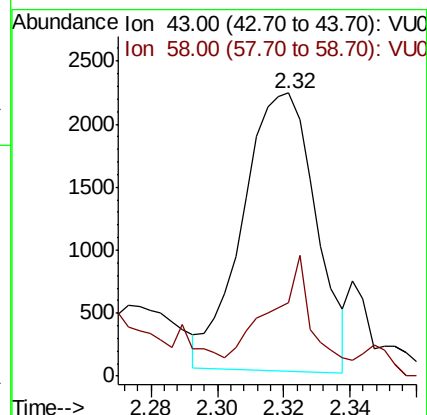
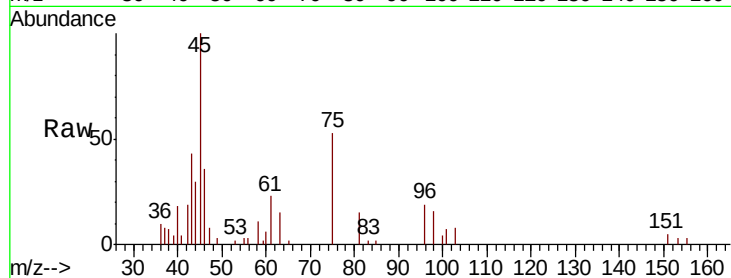
X2G51

Tot Ion: 43 Resp: 3386

Ion Ratio Lower Upper

43 100

58 27.0 0.0 64.0



#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

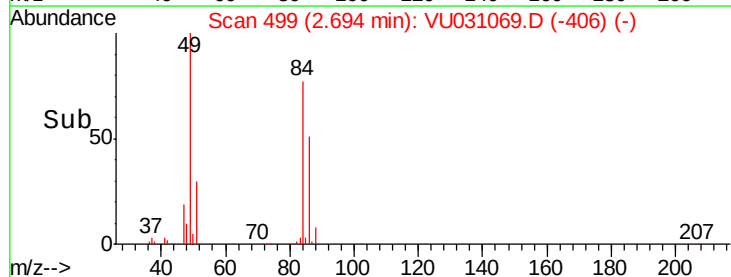
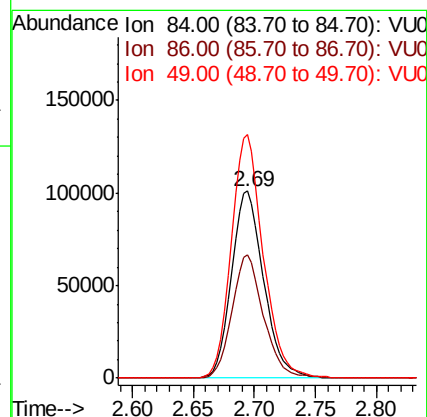
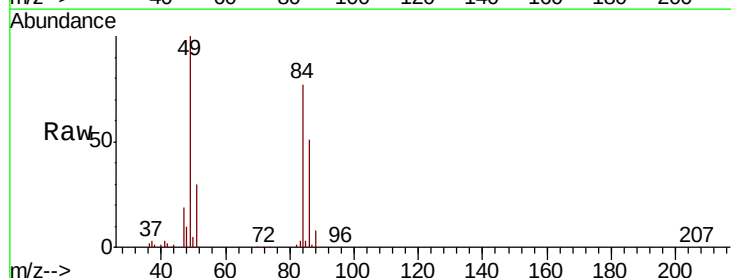
Tgt Ion: 84 Resp: 186492

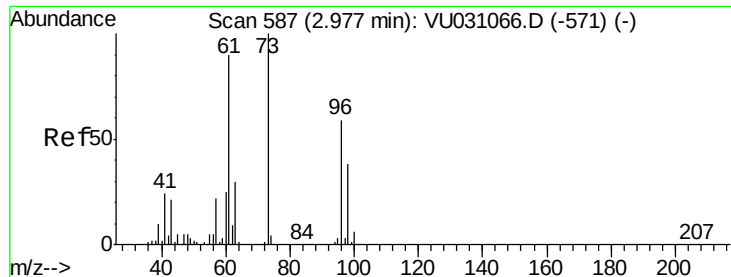
Ion Ratio Lower Upper

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

Instrument :

MSVOA_U

ClientSampled :

X2G51

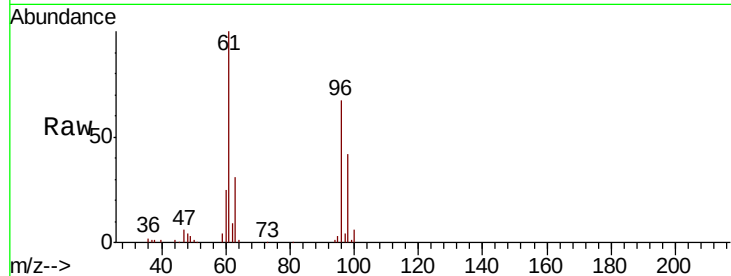
Tot Ion: 96 Resp: 85979

Ion Ratio Lower Upper

96 100

61 149.3 109.5 203.3

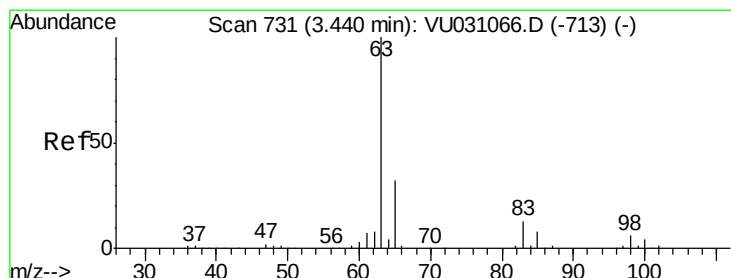
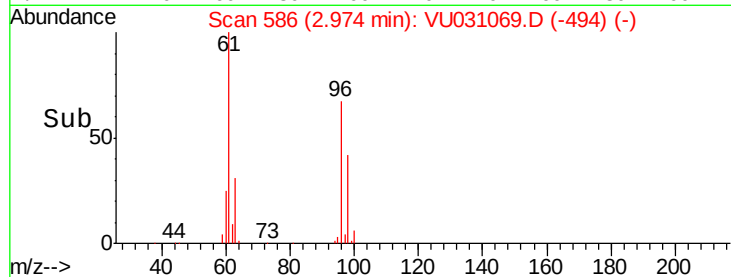
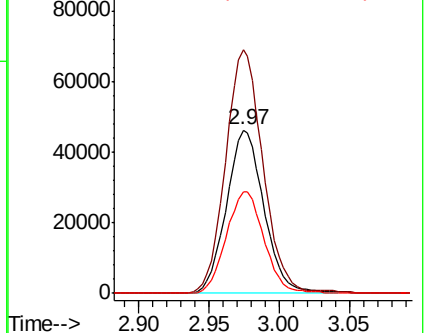
98 62.1 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU031066.D (-571) (-)

Ion 61.00 (60.70 to 61.70): VU031066.D (-571) (-)

Ion 98.00 (97.70 to 98.70): VU031066.D (-571) (-)



#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

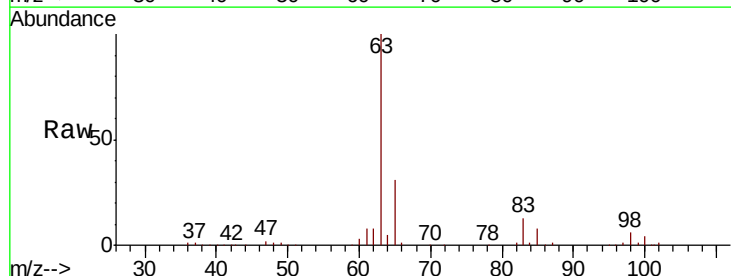
Tgt Ion: 63 Resp: 506851

Ion Ratio Lower Upper

63 100

65 31.0 21.4 39.8

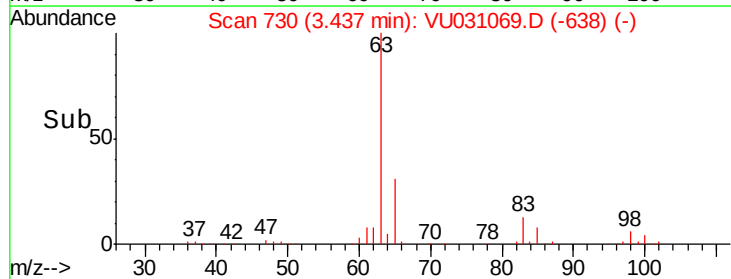
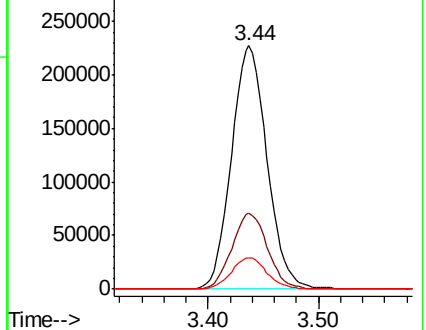
83 12.9 8.5 15.7

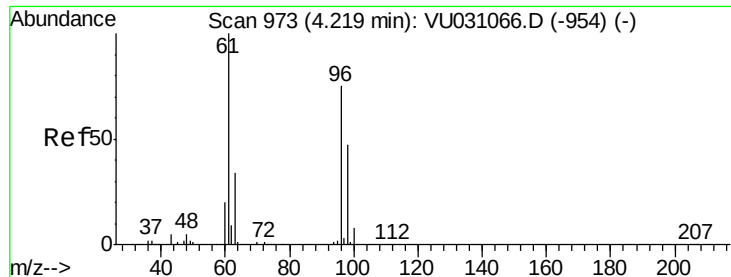


Abundance Ion 63.00 (62.70 to 63.70): VU031066.D (-713) (-)

Ion 65.00 (64.70 to 65.70): VU031066.D (-713) (-)

Ion 83.00 (82.70 to 83.70): VU031066.D (-713) (-)



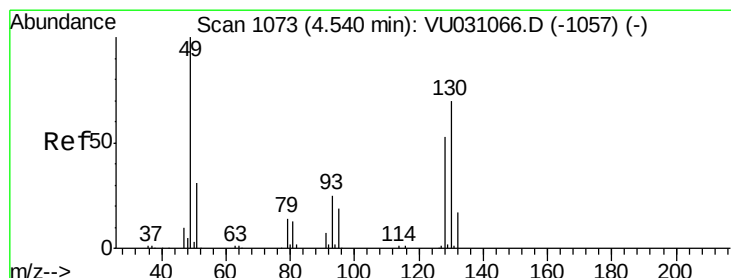
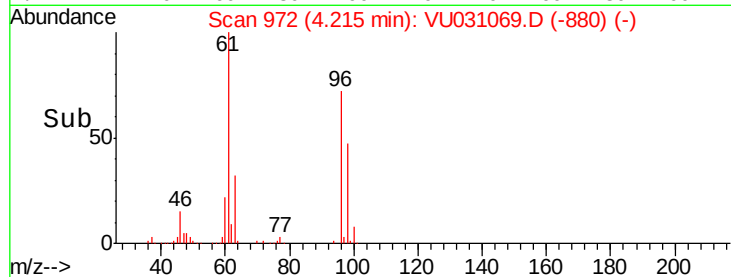
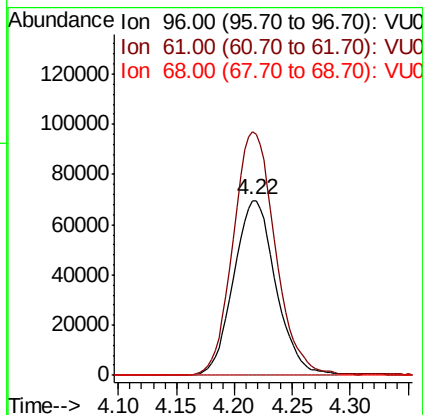
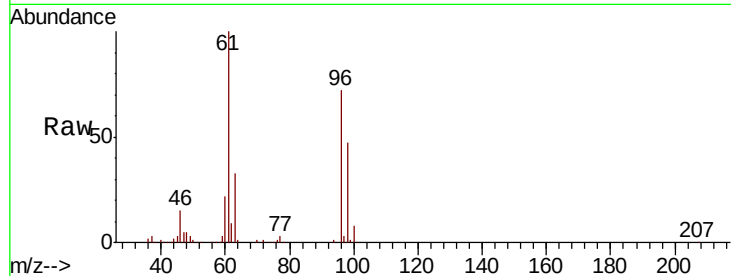


#20

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

Instrument :
 MSVOA_U
 ClientSampleId :
 X2G51

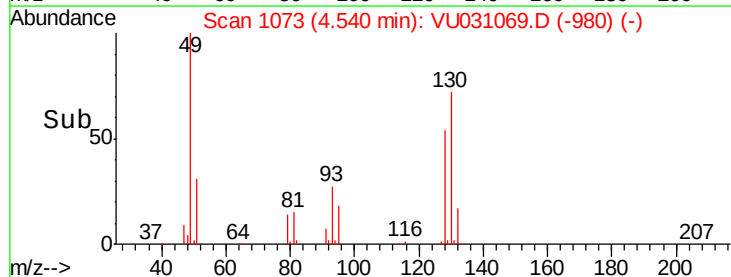
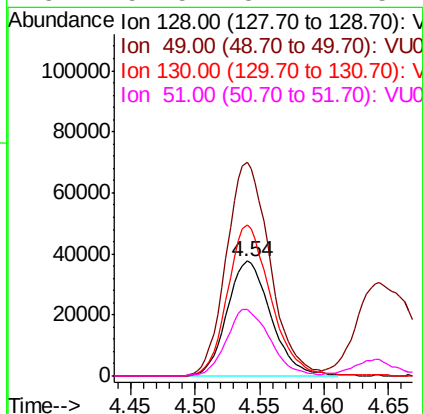
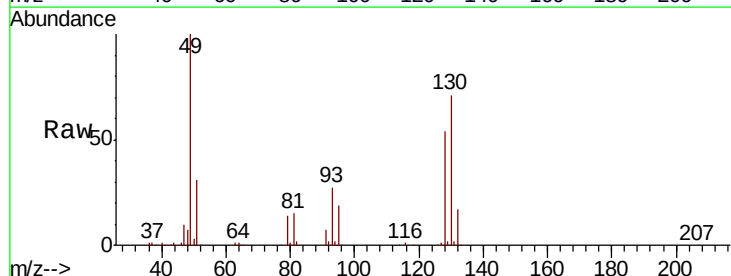
Tot Ion	96	Resp	176287
Ion	Ratio	Lower	Upper
96	100		
61	139.4	102.9	191.1
68	0.0	0.0	0.0

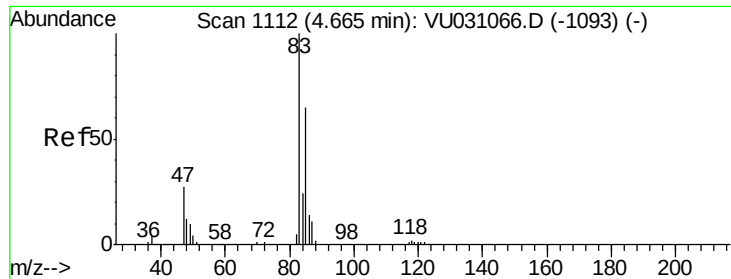


#23

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

Tgt 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

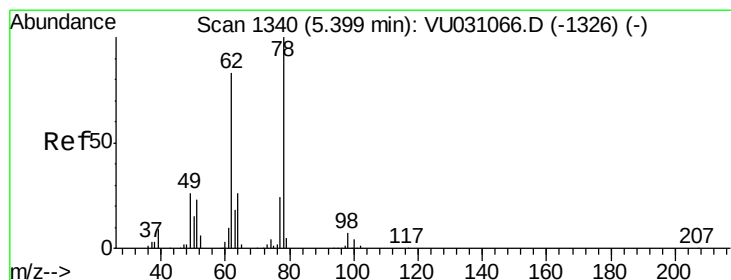
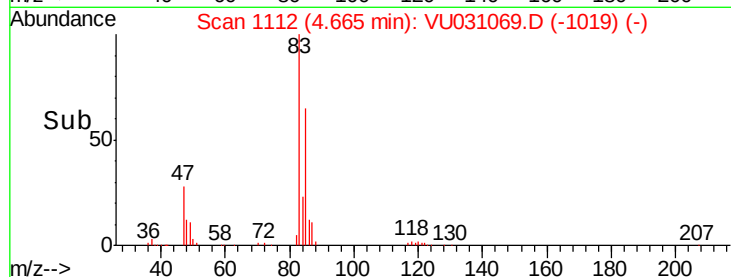
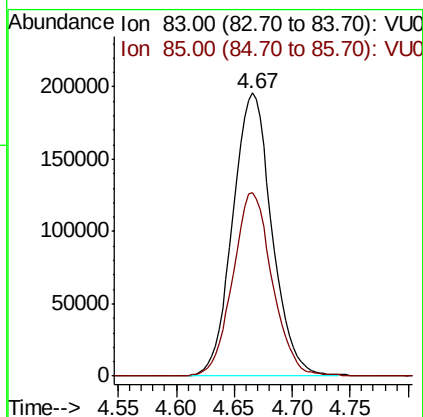
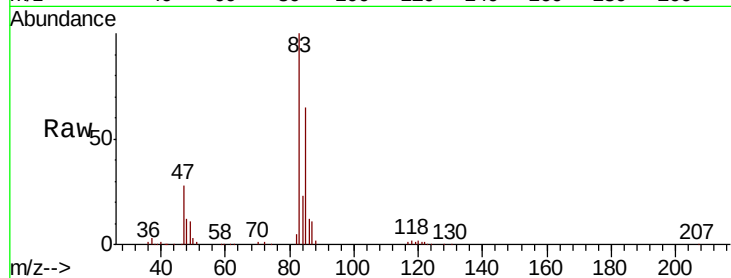




#25
Chloroform
Concen: 59.040 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

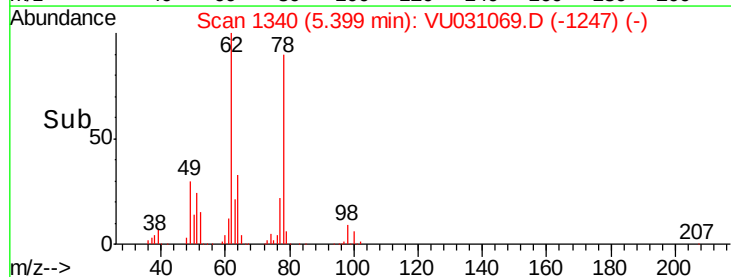
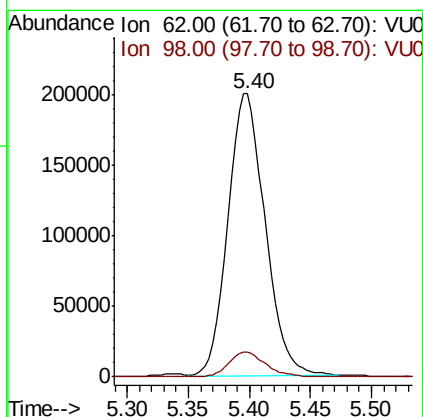
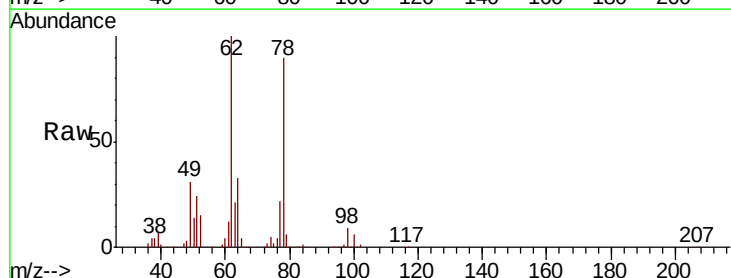
Instrument :
MSVOA_U
ClientSampleId :
X2G51

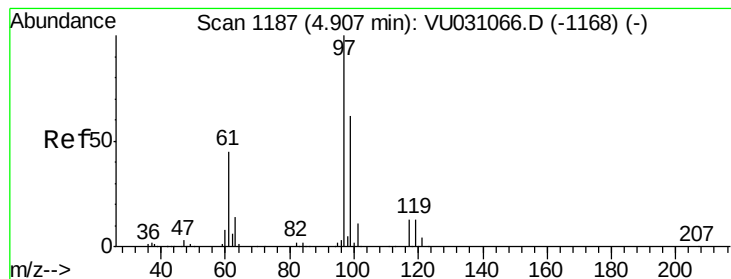
Tot Ion: 83 Resp: 460296
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.0



#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

Tgt 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

Instrument :

MSVOA_U

ClientSampleId :

X2G51

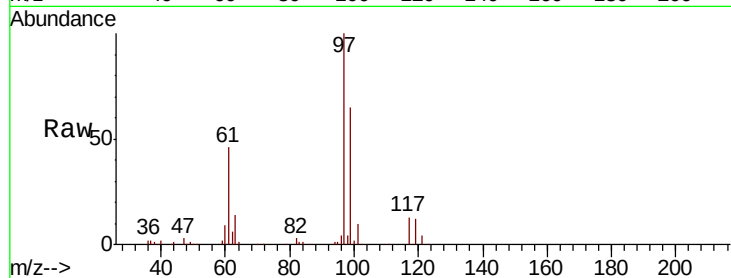
Tot Ion: 97 Resp: 133136

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

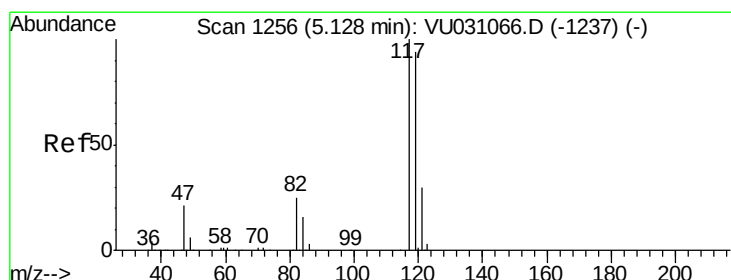
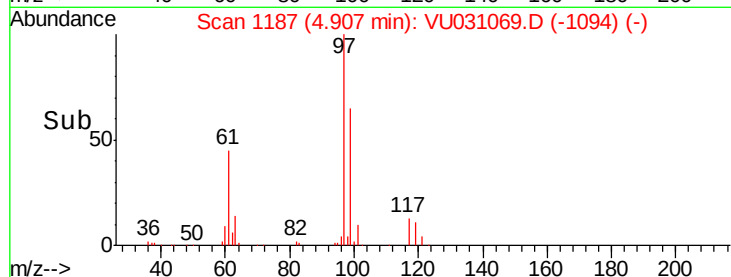
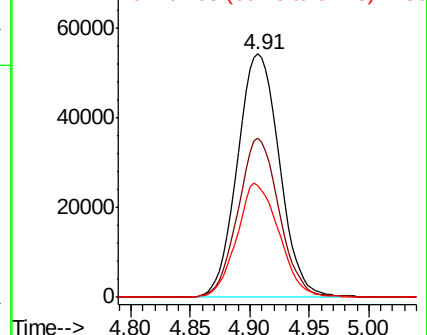
61 46.9 37.1 55.7



Abundance Ion 97.00 (96.70 to 97.70): VU031066.D (-1168) (-)

Ion 99.00 (98.70 to 99.70): VU031066.D (-1168) (-)

Ion 61.05 (60.75 to 61.75): VU031066.D (-1168) (-)



#31

Carbon tetrachloride

Concen: 65.280 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU031069.D

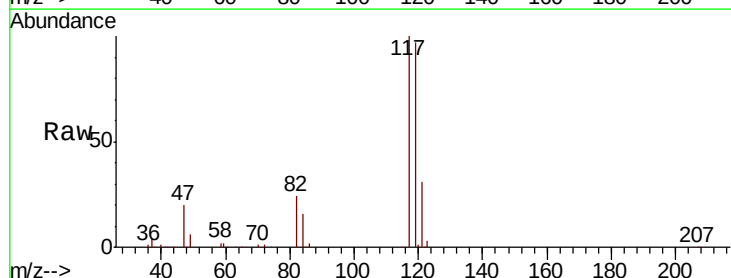
Acq: 11 Apr 2019 15:28

Tgt Ion: 117 Resp: 343948

Ion Ratio Lower Upper

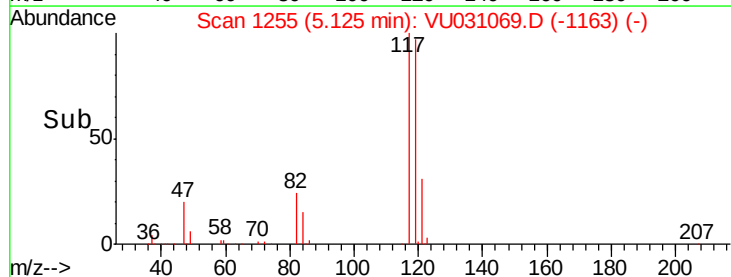
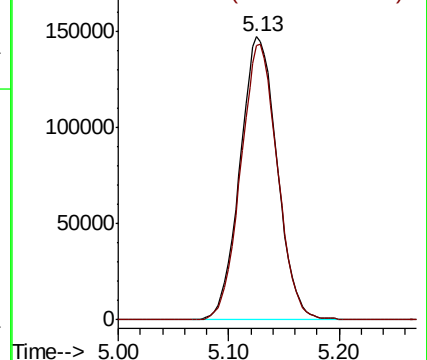
117 100

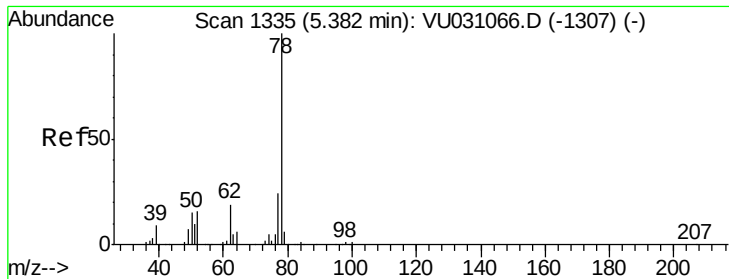
119 96.1 76.2 114.2



Abundance Ion 117.00 (116.70 to 117.70): VU031066.D (-1237) (-)

Ion 119.00 (118.70 to 119.70): VU031066.D (-1237) (-)





#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

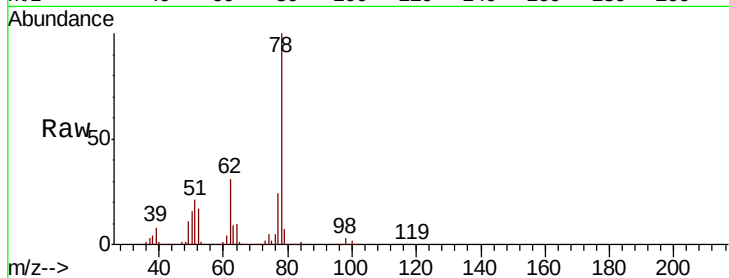
Instrument :

MSVOA_U

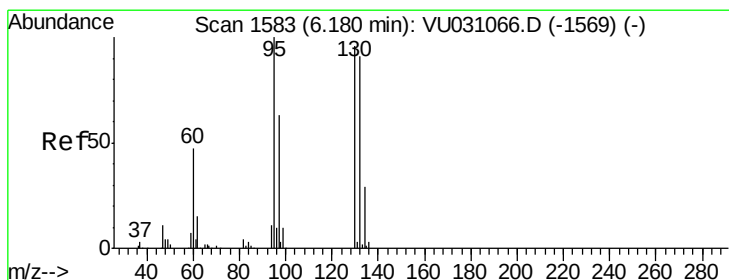
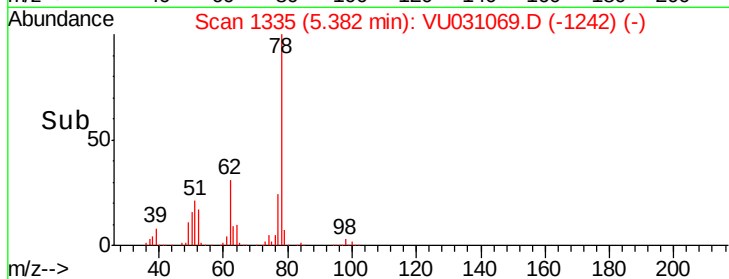
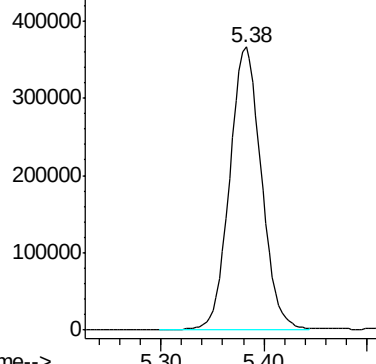
ClientSampleId :

X2G51

Tgt Ion: 78 Resp: 782267



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 87.080 ug/L

RT: 6.18 min Scan# 1583

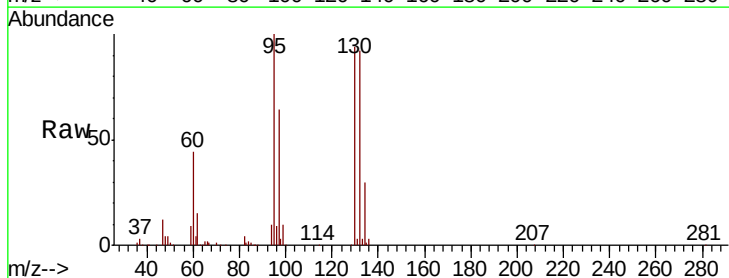
Delta R.T. 0.00 min

Lab File: VU031069.D

Acq: 11 Apr 2019 15:28

Tgt 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

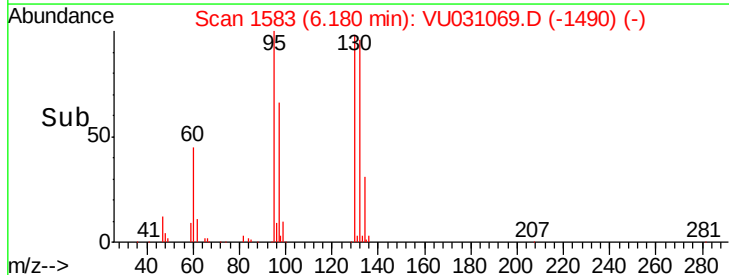
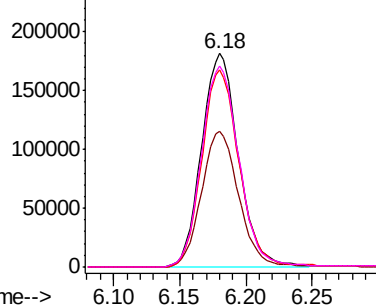


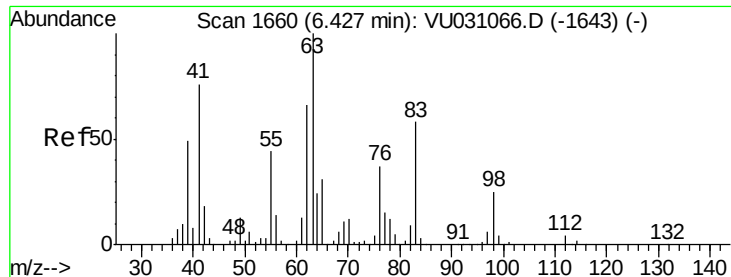
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

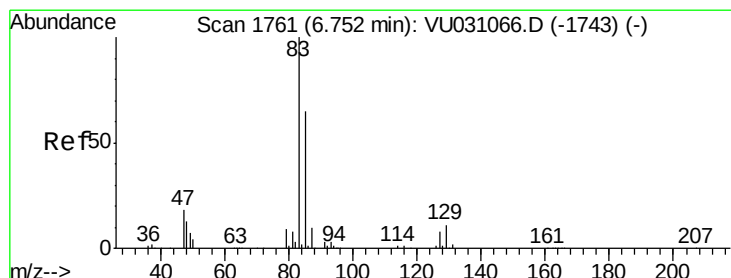
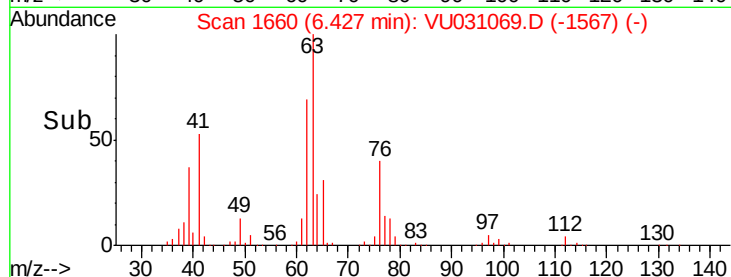
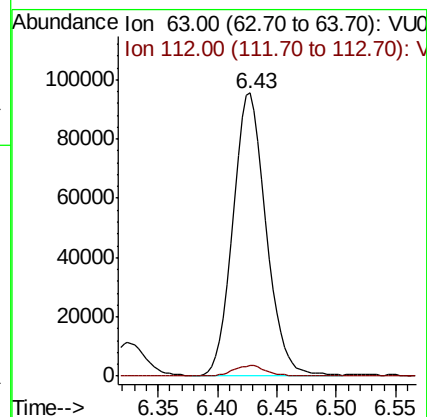
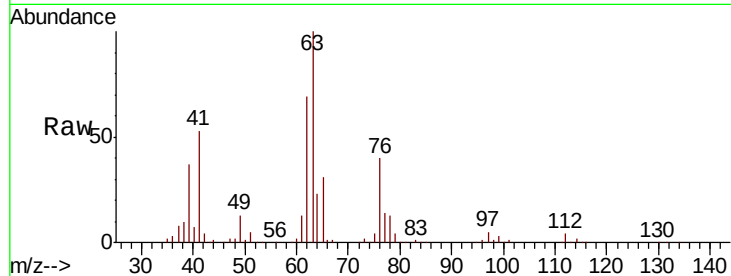




#37
 1,2-Dichloropropane
 Concen: 39.825 ug/L
 RT: 6.43 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VU031069.D
 Acq: 11 Apr 2019 15:28

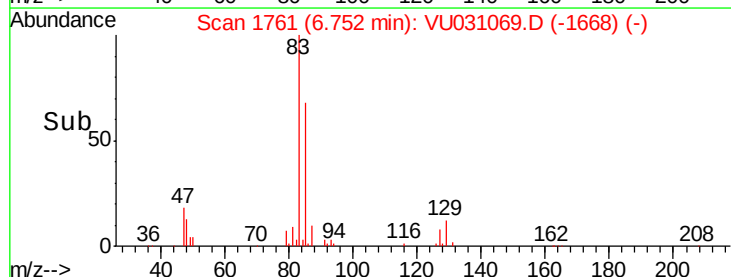
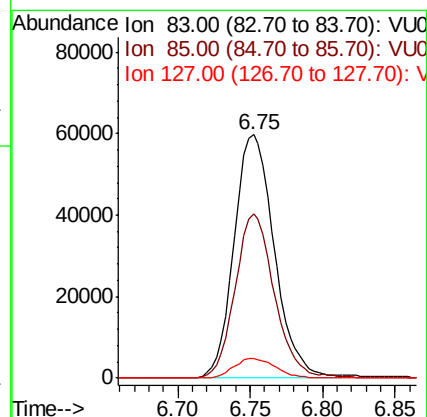
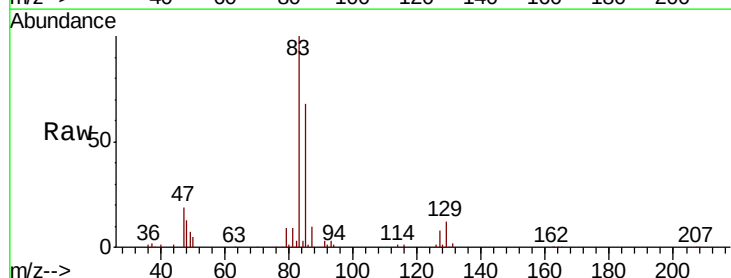
Instrument :
 MSVOA_U
 ClientSampled :
 X2G51

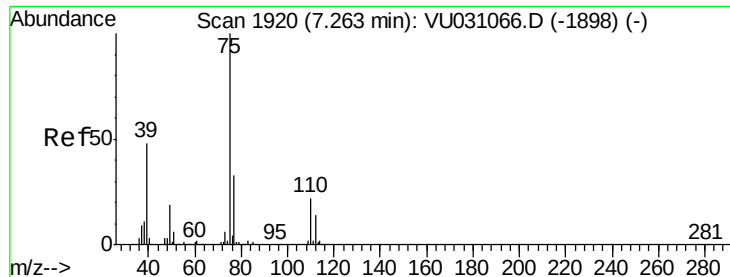
Tot Ion: 63 Resp: 185142
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.0 4.4



#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

Tgt Ion: 83 Resp: 115411
 Ion Ratio Lower Upper
 83 100
 85 67.5 46.5 86.3
 127 8.2 6.6 10.0



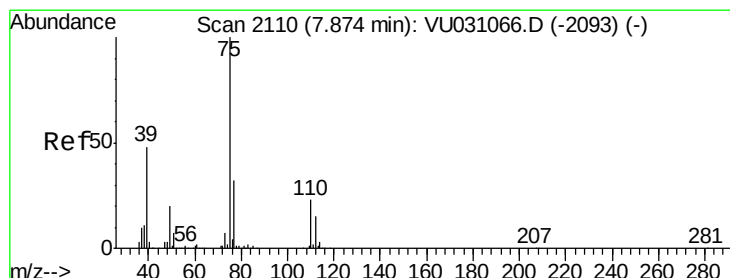
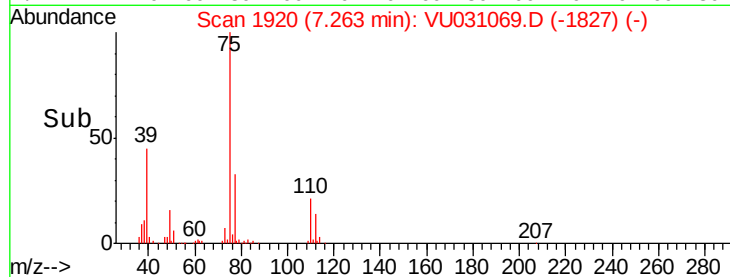
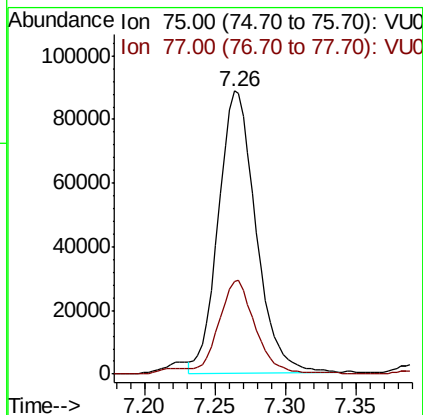
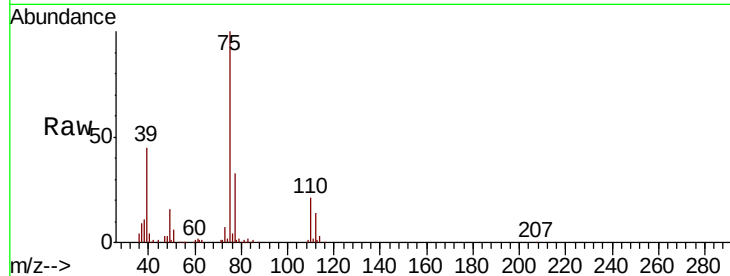


#39

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

Instrument :
 MSVOA_U
 ClientSampleId :
 X2G51

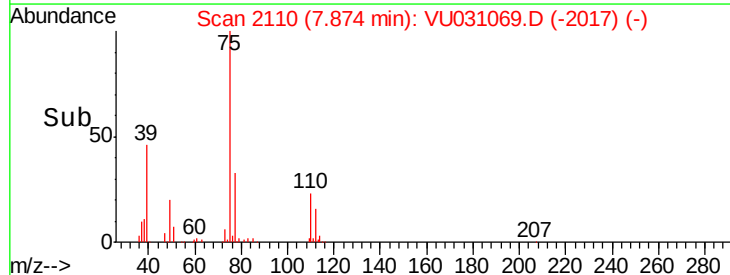
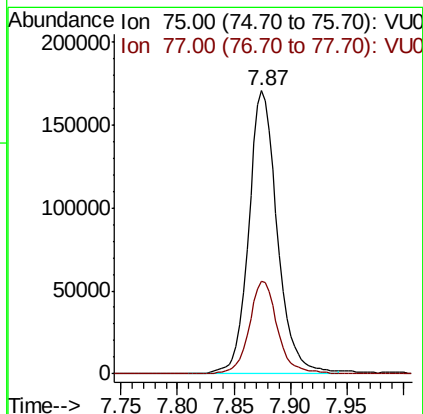
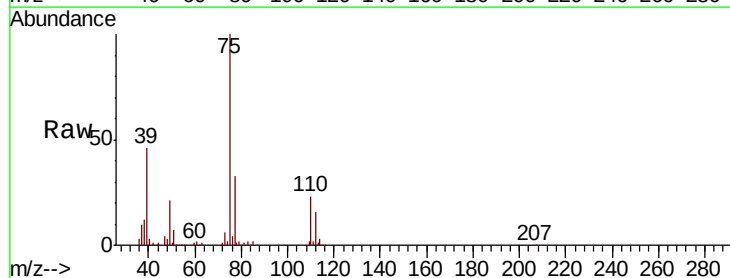
Tot Ion: 75 Resp: 164097
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.1 42.9

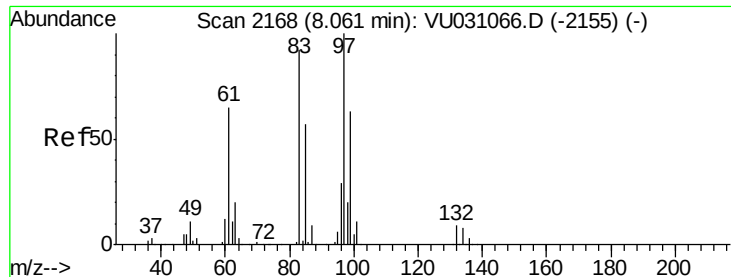


#44

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

Tgt Ion: 75 Resp: 299861
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.6 40.0

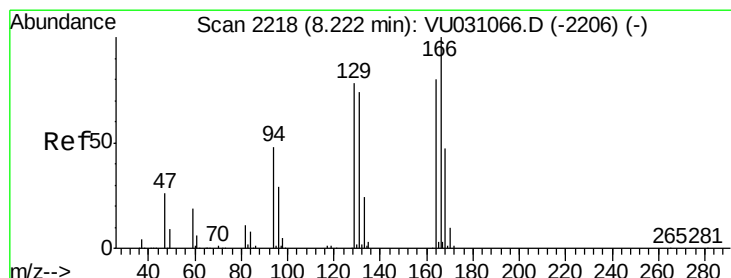
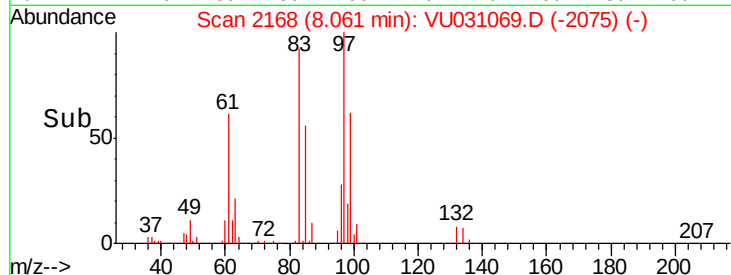
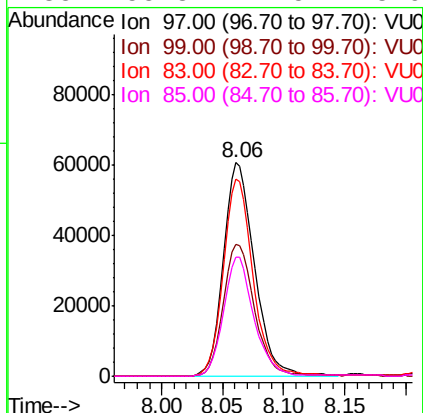
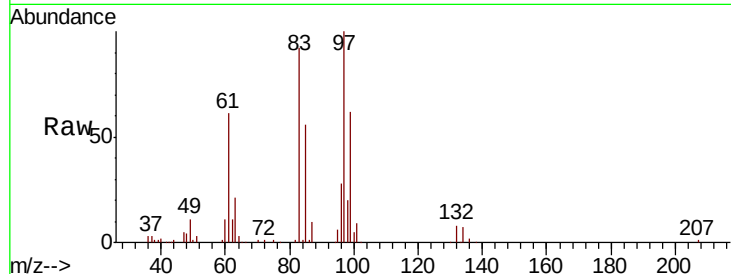




#45
 1,1,2-Trichloroethane
 Concen: 27.481 ug/L
 RT: 8.06 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: VU031069.D
 Acq: 11 Apr 2019 15:28

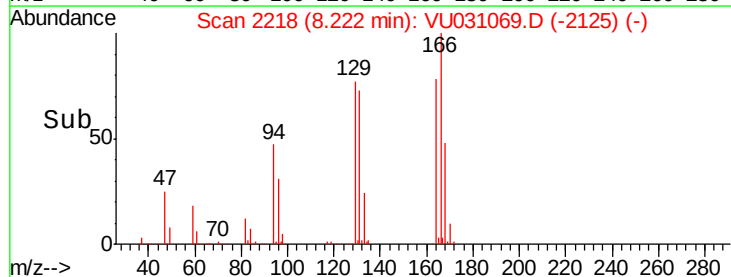
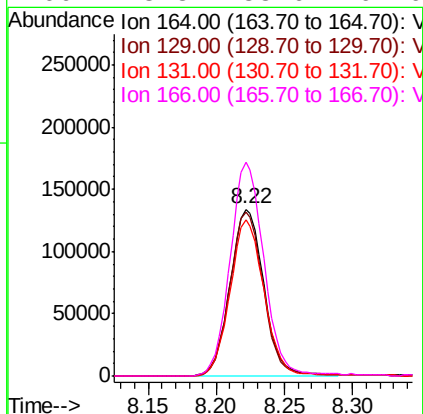
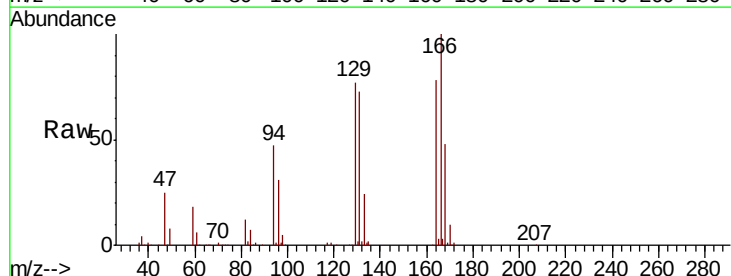
Instrument :
 MSVOA_U
 ClientSampleId :
 X2G51

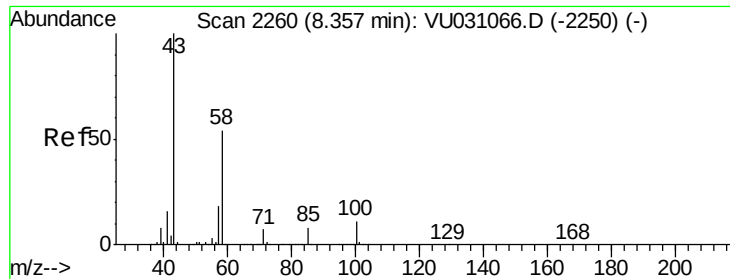
Tot Ion:	97	Resp:	108349
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.0	81.8
83	92.2	65.3	121.3
85	55.8	42.5	78.9



#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

Tgt 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

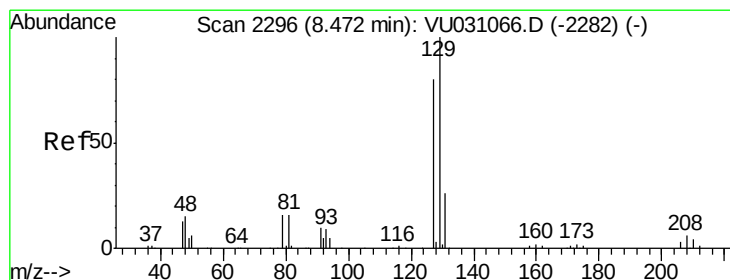
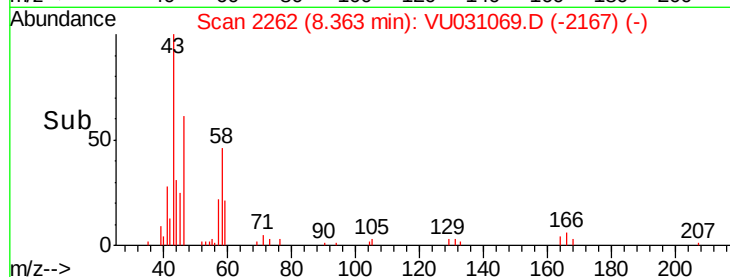
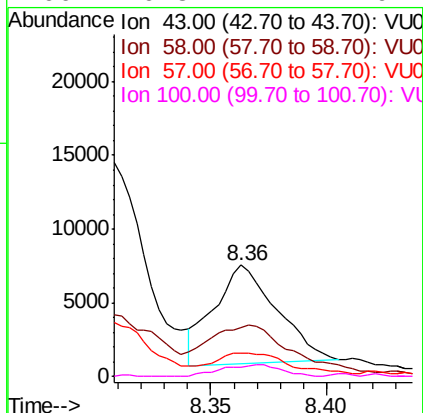
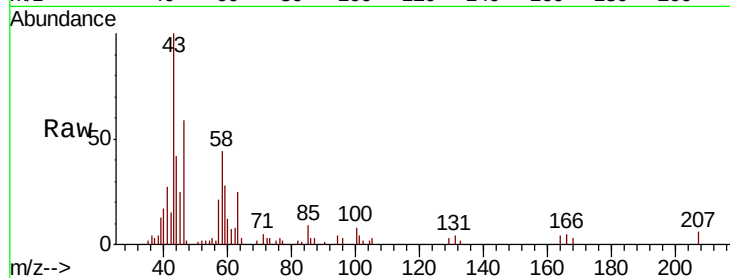




#48
2-Hexanone
Concen: 2.173 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031069.D
Acq: 11 Apr 2019 15:28

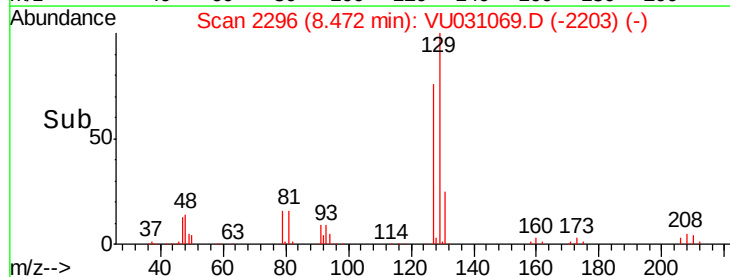
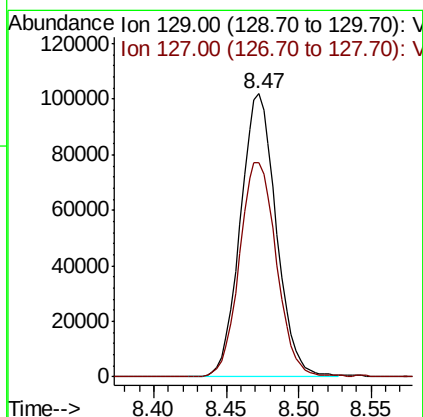
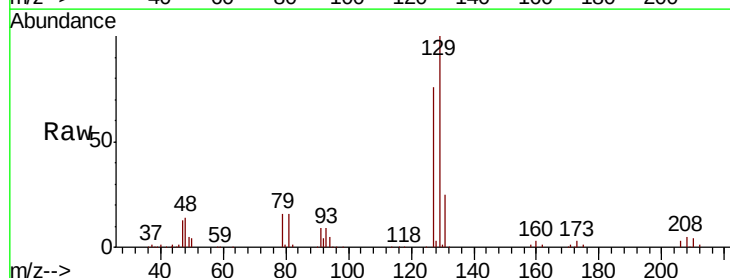
Instrument :
MSVOA_U
ClientSampleId :
X2G51

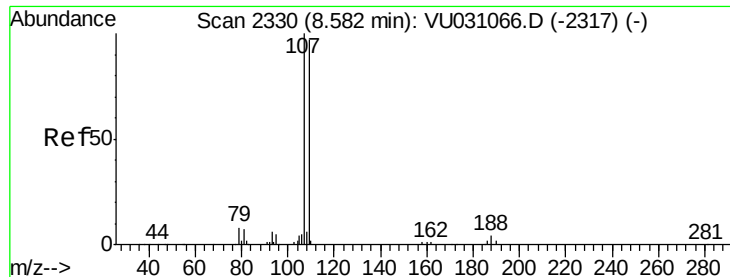
Tot Ion: 43 Resp: 12673
Ion Ratio Lower Upper
43 100
58 70.1 41.9 62.9#
57 16.0 14.3 21.5
100 10.8 7.1 10.7#



#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

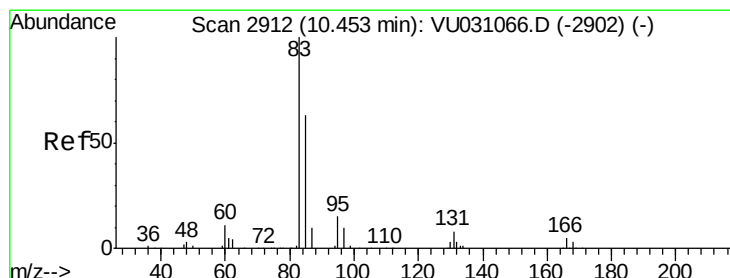
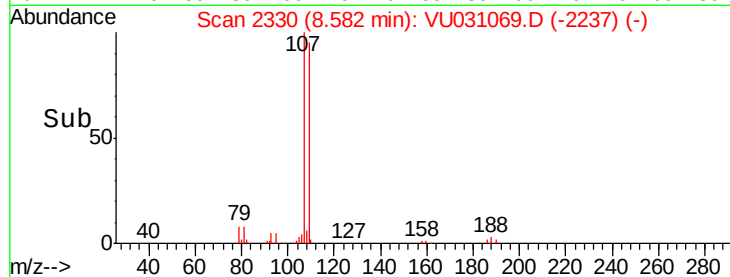
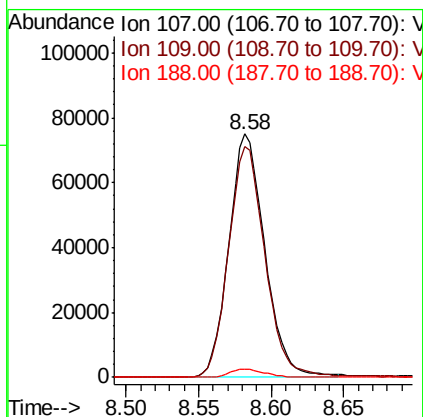
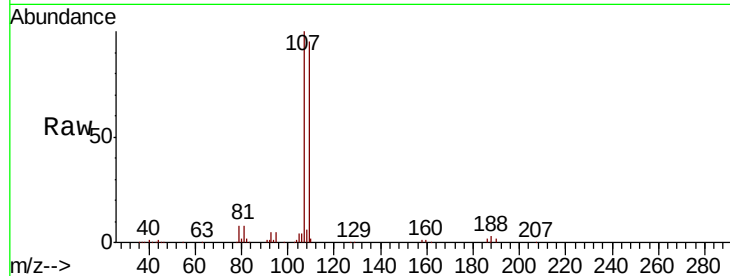




#50
 1,2-Dibromoethane
 Concen: 30.222 ug/L
 RT: 8.58 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VU031069.D
 Acq: 11 Apr 2019 15:28

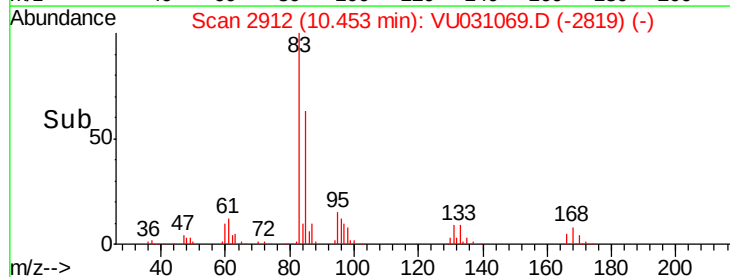
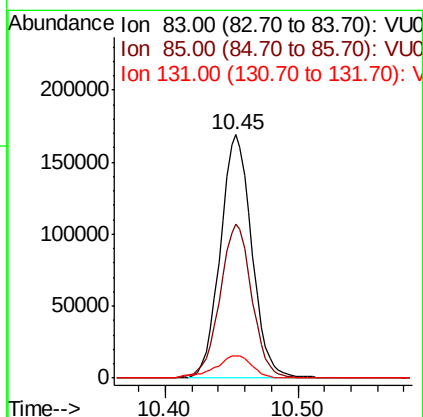
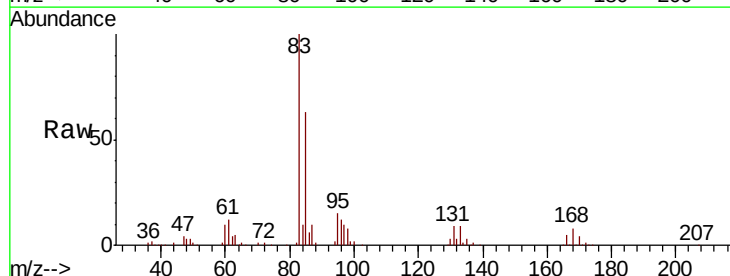
Instrument :
 MSVOA_U
 ClientSampleId :
 X2G51

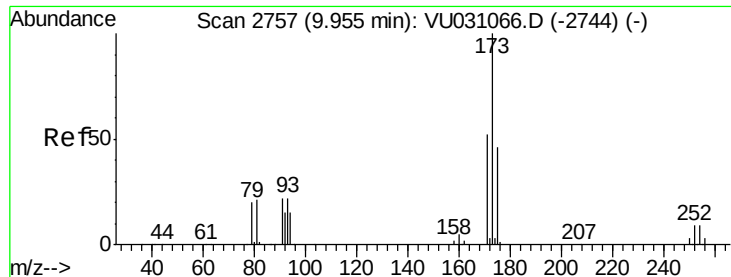
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	66.4	123.2
188	3.2	2.6	4.0



#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	Ratio	Lower	Upper
83	100		
85	63.1	45.3	84.1
131	9.1	6.7	10.1





#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

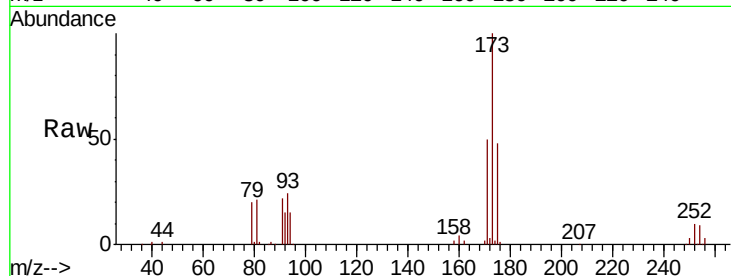
Tot Ion:173 Resp: 166310

Ion Ratio Lower Upper

173 100

175 49.1 39.1 58.7

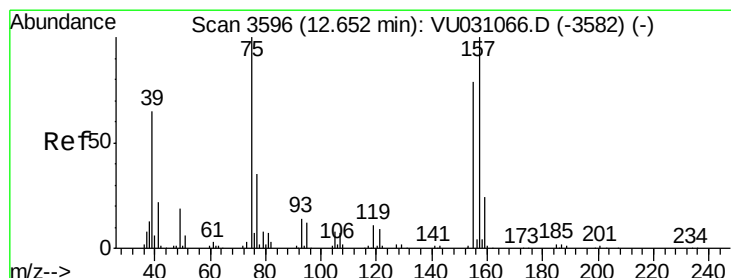
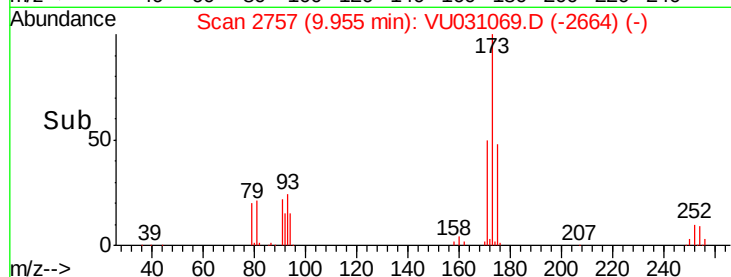
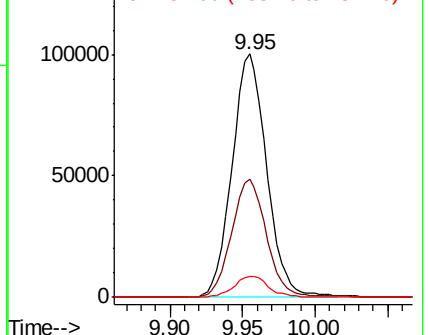
254 8.7 7.3 10.9



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#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

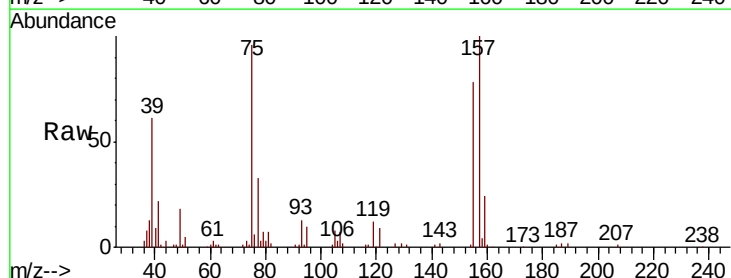
Tgt Ion: 75 Resp: 63325

Ion Ratio Lower Upper

75 100

155 81.0 64.1 96.1

157 104.3 80.6 120.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

