

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
 Data File : VU031209.D
 Acq On : 16 Apr 2019 12:38
 Operator : JC/SP
 Sample : K2136-01DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917DL

Quant Time: Apr 17 03:02:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:55:56 2019
 Response via : Initial Calibration

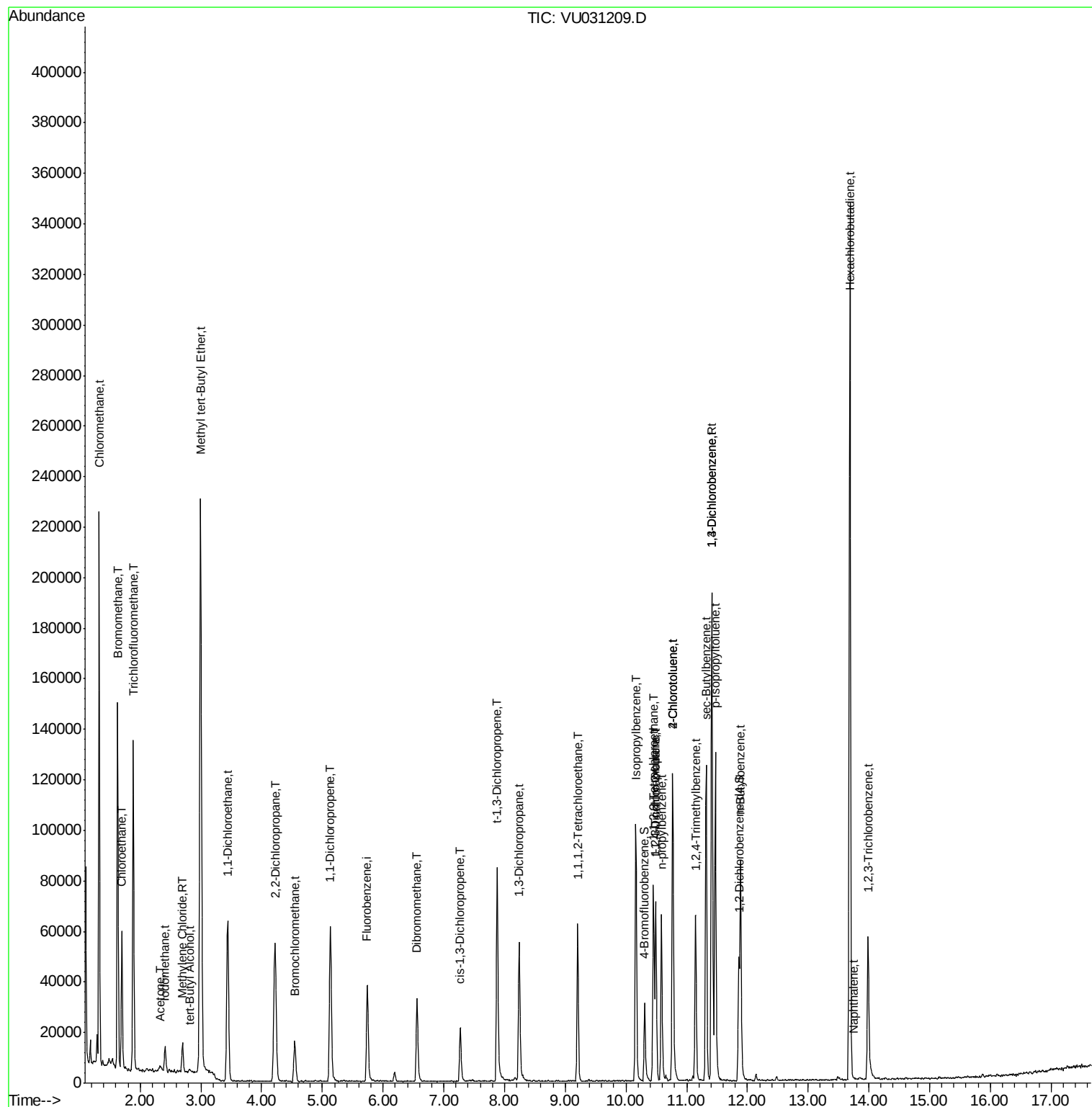
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	38405	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	12524	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14359	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	136108	7.766	ug/l	100
5) Bromomethane	1.63	94	64409	6.421	ug/l	99
6) Chloroethane	1.70	64	32666	2.763	ug/l	95
7) Trichlorofluoromethane	1.89	101	81791	3.276	ug/l	99
10) Iodomethane	2.41	142	9350	0.558	ug/l	98
13) Acetone	2.32	43	2185	0.715	ug/l	100
15) Methylene Chloride	2.70	84	4670	0.292	ug/l	93
17) 1,1-Dichloroethane	3.44	63	71994	3.317	ug/l	99
21) 2,2-Dichloropropane	4.22	77	48568	2.887	ug/l	93
24) tert-Butyl Alcohol	2.81	59	632	0.512	ug/l #	72
25) Methyl tert-Butyl Ether	3.00	73	238933	6.600	ug/l	100
26) Bromochloromethane	4.55	128	5513	1.012	ug/l	99
29) 1,1-Dichloropropene	5.13	75	36936	2.413	ug/l	99
43) Dibromomethane	6.56	93	14035	2.150	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	30482	10.386	ug/l #	22
50) t-1,3-Dichloropropene	7.88	75	50653	3.777	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	14252	0.899	ug/l #	93
53) 1,3-Dichloropropane	8.24	76	34988	2.340	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	17721	1.703	ug/l	95
69) Isopropylbenzene	10.16	105	65315	1.509	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	41558	3.638	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	30482	3.691	ug/l #	96
73) n-propylbenzene	10.58	120	11683	1.011	ug/l	95
74) 2-Chlorotoluene	10.77	126	24908	2.337	ug/l	97
76) 4-Chlorotoluene	10.77	126	24908	2.319	ug/l	80
78) 1,2,4-Trimethylbenzene	11.15	105	34930	0.946	ug/l	98
79) sec-Butylbenzene	11.32	105	81755	1.695	ug/l	99
81) p-Isopropyltoluene	11.47	119	70360	1.816	ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	86651	3.831	ug/l	98
83) 1,4-Dichlorobenzene	11.41	146	86651	3.955	ug/l	97
84) n-Butylbenzene	11.89	91	47197	1.261	ug/l	96
88) Hexachlorobutadiene	13.69	225	68534	7.914	ug/l	98
89) Naphthalene	13.75	128	750	0.671	ug/l #	1
90) 1,2,3-Trichlorobenzene	13.99	180	23642	1.821	ug/l	97
-----	-----	-----	-----	-----	-----	-----

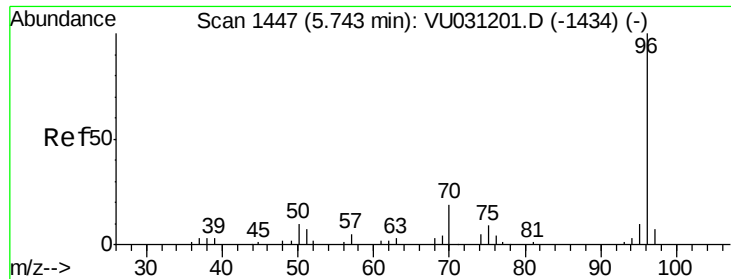
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
Data File : VU031209.D
Acq On : 16 Apr 2019 12:38
Operator : JC/SP
Sample : K2136-01DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
38023-122917DL

Quant Time: Apr 17 03:02:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:55:56 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

38023-122917DL

Tgt Ion: 96 Resp: 38405

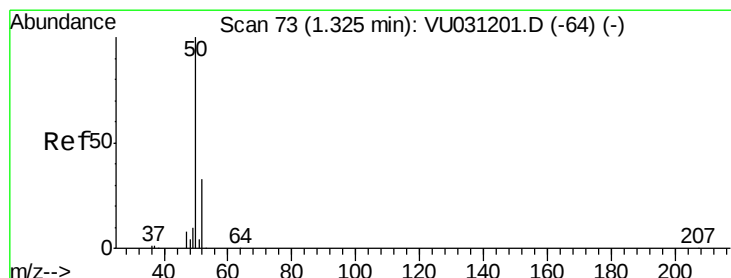
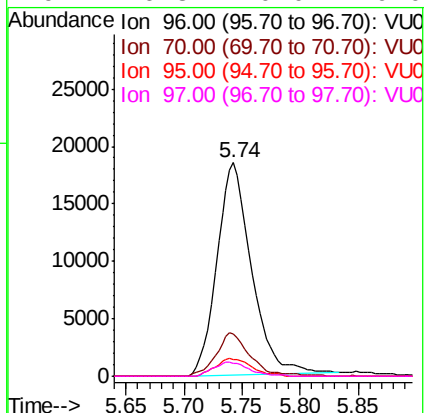
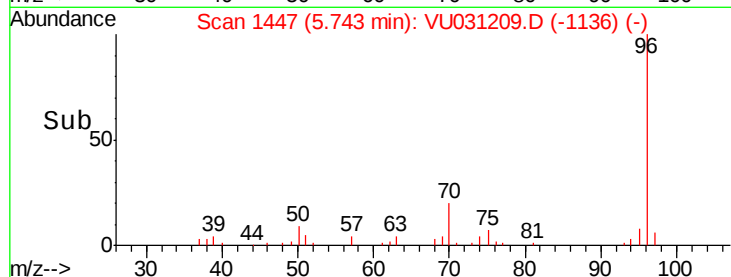
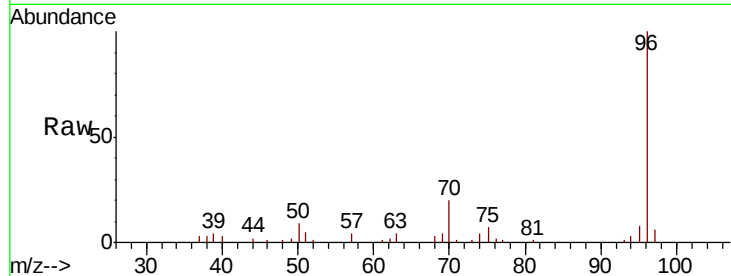
Ion Ratio Lower Upper

96 100

70 19.0 18.4 27.6

95 8.7 7.6 11.4

97 6.8 0.0 0.0#



#3

Chloromethane

Concen: 7.766 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031209.D

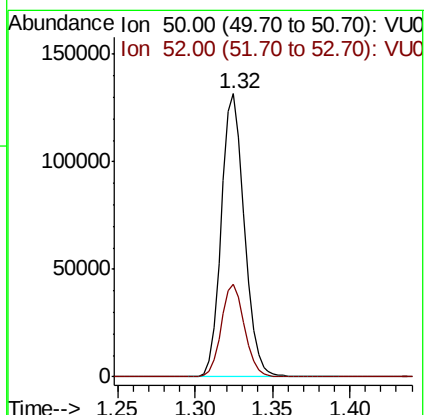
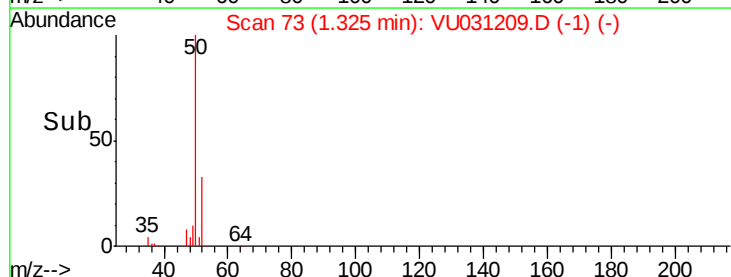
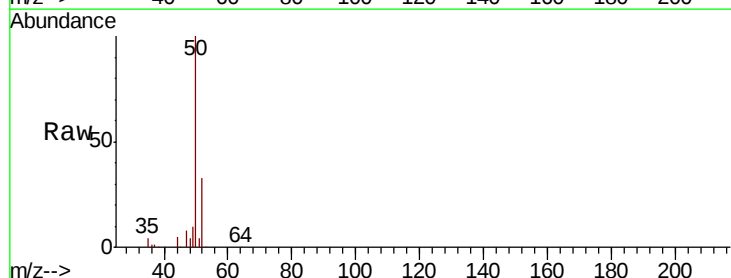
Acq: 16 Apr 2019 12:38

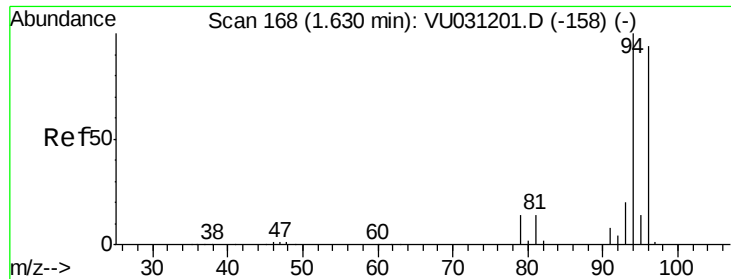
Tgt Ion: 50 Resp: 136108

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.2

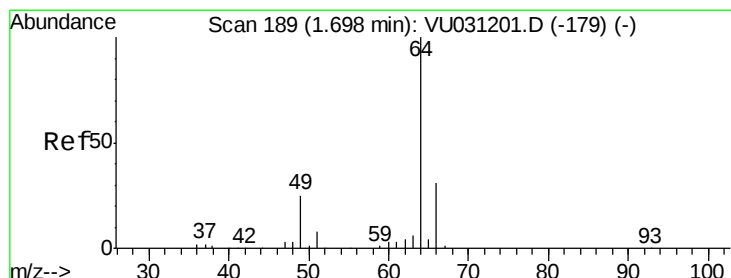
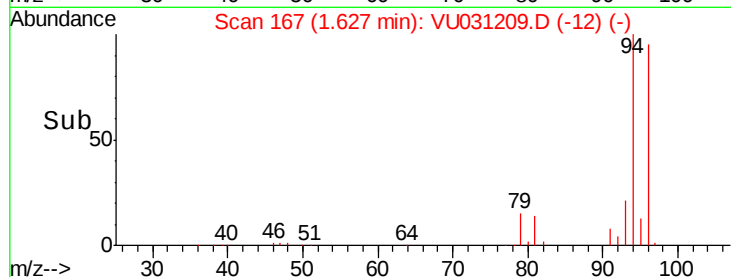
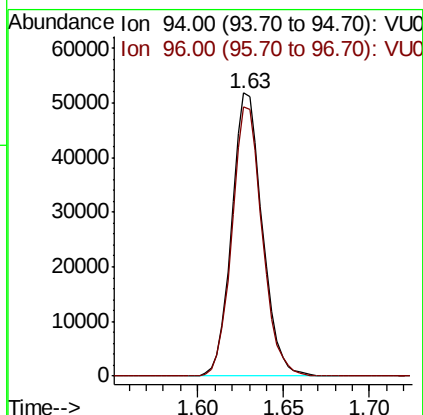
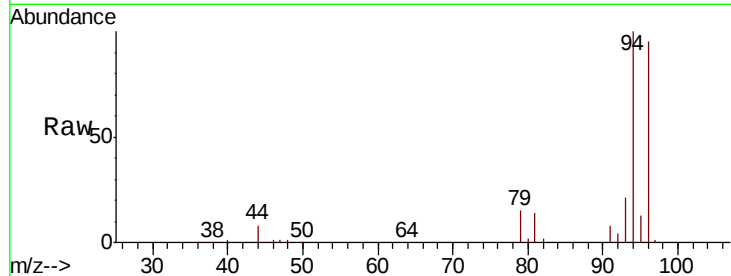




#5
Bromomethane
Concen: 6.421 ug/l
RT: 1.63 min Scan# 167
Delta R.T. -0.00 min
Lab File: VU031209.D
Acq: 16 Apr 2019 12:38

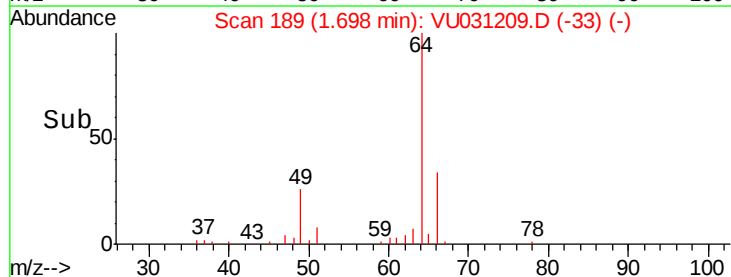
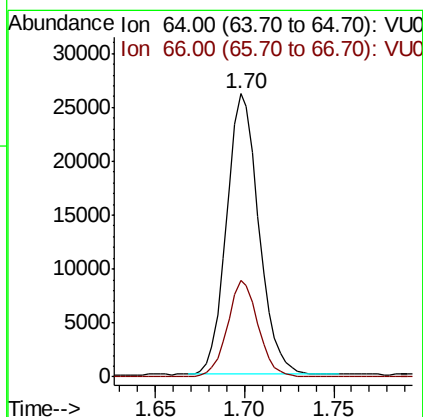
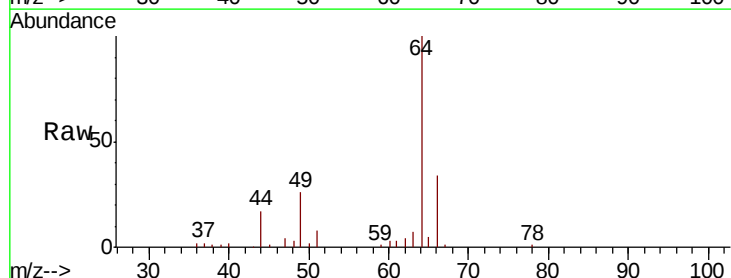
Instrument :
MSVOA_U
ClientSampleId :
38023-122917DL

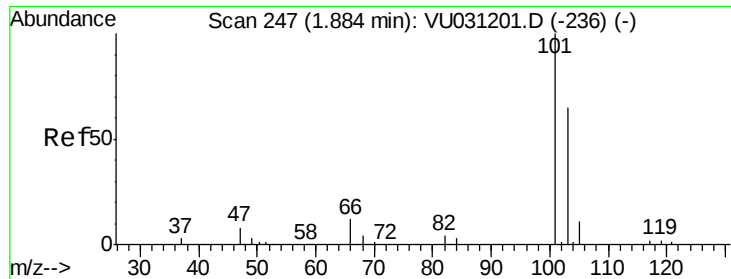
Tgt Ion: 94 Resp: 64409
Ion Ratio Lower Upper
94 100
96 94.9 75.0 112.6



#6
Chloroethane
Concen: 2.763 ug/l
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU031209.D
Acq: 16 Apr 2019 12:38

Tgt Ion: 64 Resp: 32666
Ion Ratio Lower Upper
64 100
66 34.2 25.1 37.7





#7

Trichlorofluoromethane

Concen: 3.276 ug/l

RT: 1.89 min Scan# 248

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

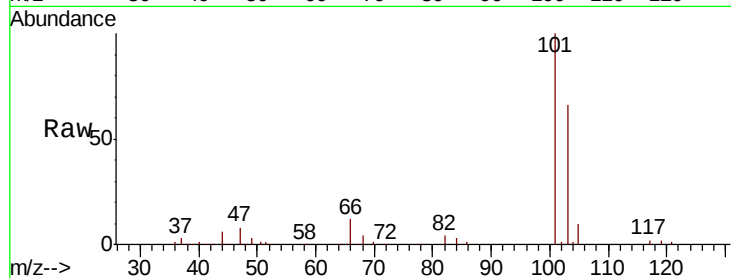
38023-122917DL

Tgt Ion:101 Resp: 81791

Ion Ratio Lower Upper

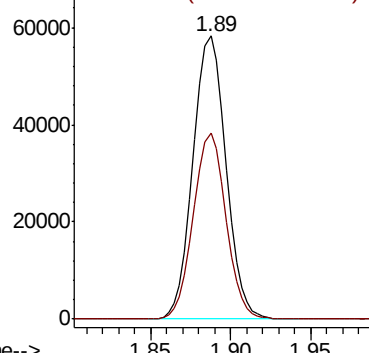
101 100

103 65.6 51.8 77.8

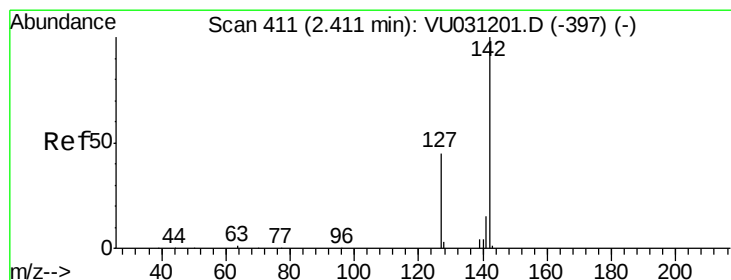
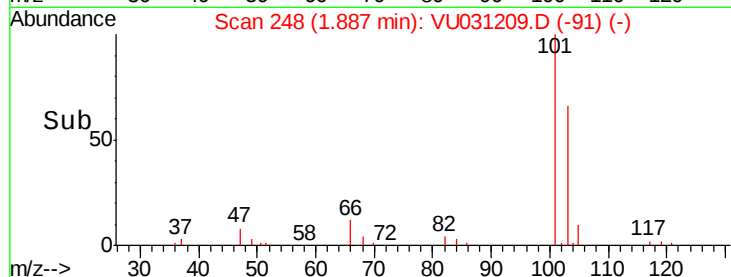


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

Iodomethane

Concen: 0.558 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU031209.D

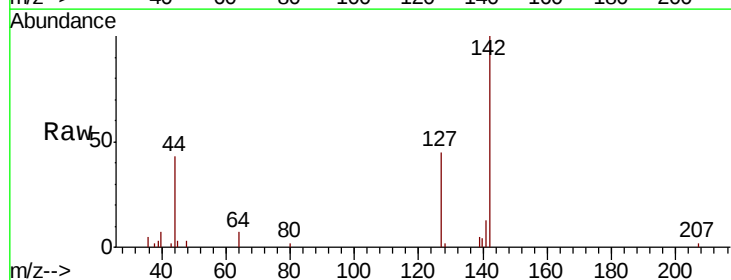
Acq: 16 Apr 2019 12:38

Tgt Ion:142 Resp: 9350

Ion Ratio Lower Upper

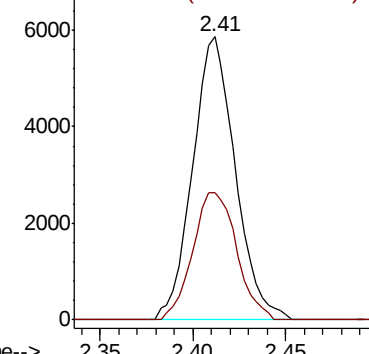
142 100

127 46.3 35.9 53.9

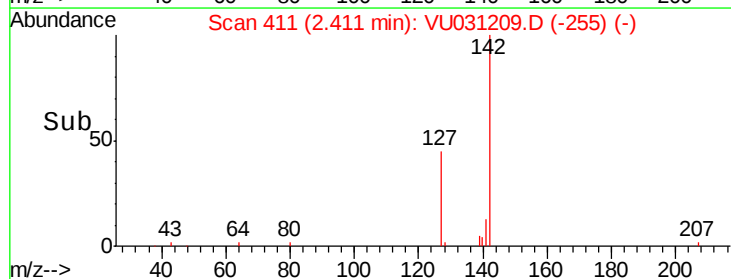


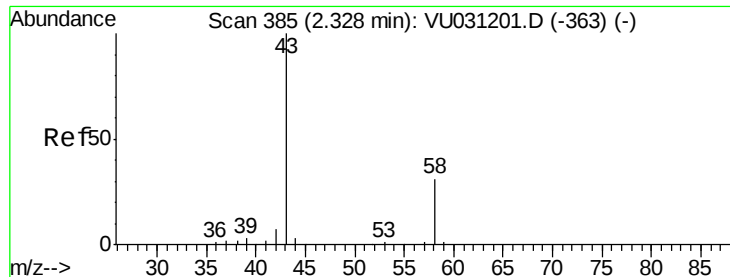
Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->





#13

Acetone

Concen: 0.715 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

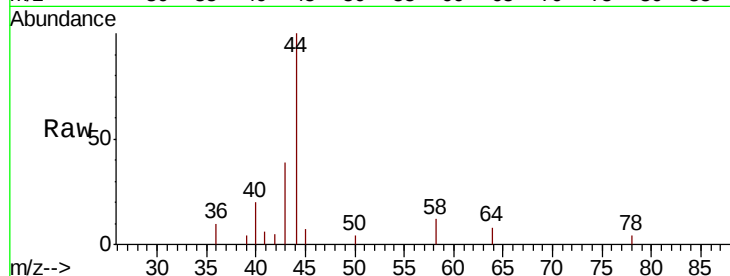
38023-122917DL

Tgt Ion: 43 Resp: 2185

Ion Ratio Lower Upper

43 100

58 30.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VU031201.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031201.D (-363) (-)

2.32

1200

1000

800

600

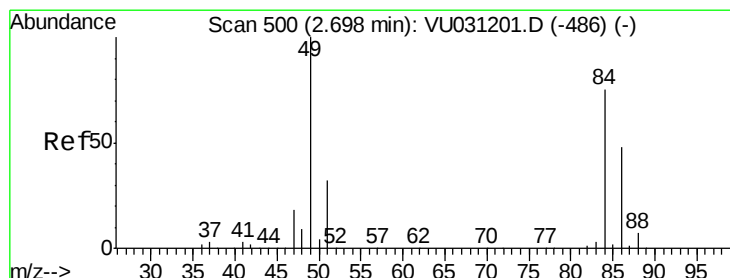
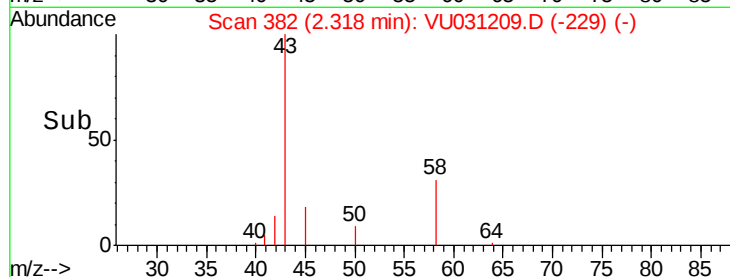
400

200

0

Time-->

2.30 2.35



#15

Methylene Chloride

Concen: 0.292 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Tgt Ion: 84 Resp: 4670

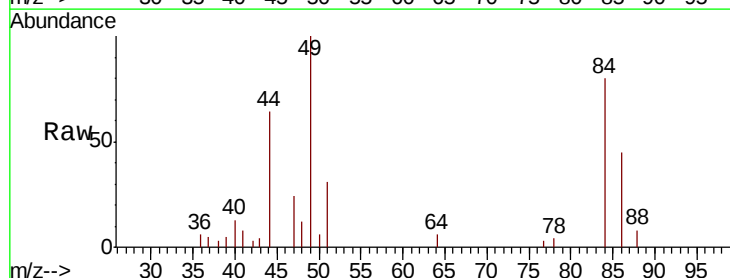
Ion Ratio Lower Upper

84 100

49 124.8 106.1 159.1

51 39.0 0.0 84.2

86 55.9 50.5 75.7



Abundance Ion 84.00 (83.70 to 84.70): VU031201.D (-486) (-)

Ion 49.00 (48.70 to 49.70): VU031201.D (-486) (-)

Ion 51.00 (50.70 to 51.70): VU031201.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU031201.D (-486) (-)

5000

4000

3000

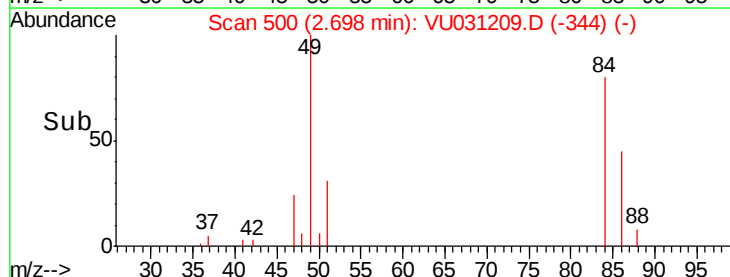
2000

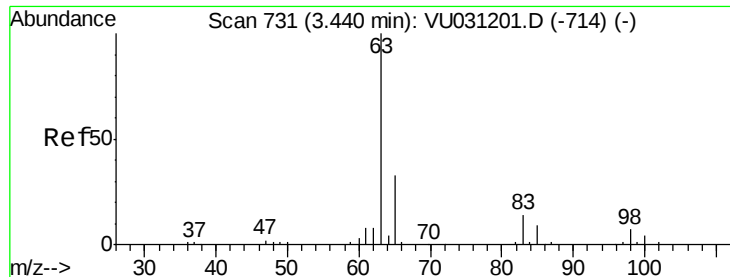
1000

0

Time-->

2.65 2.70 2.75

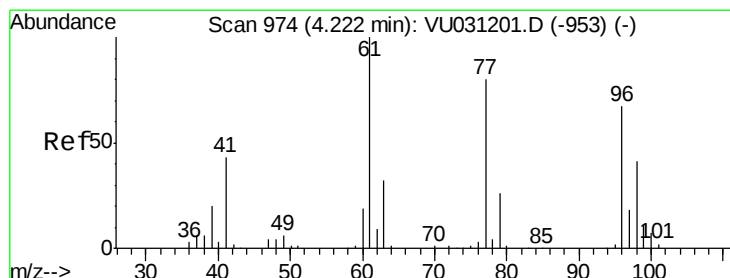
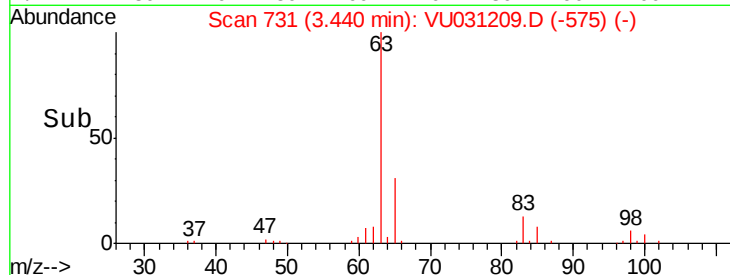
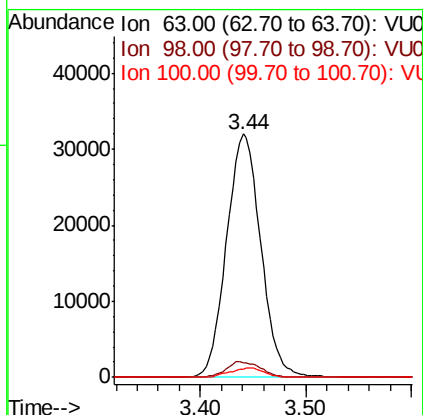
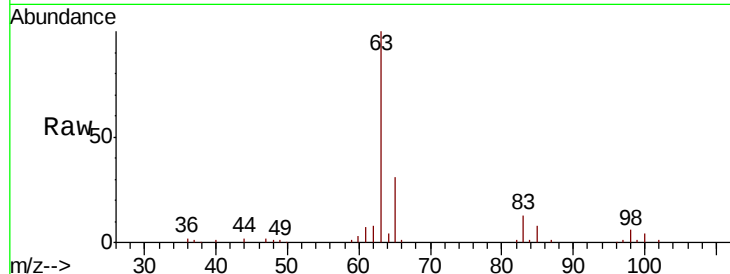




#17
 1,1-Dichloroethane
 Concen: 3.317 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

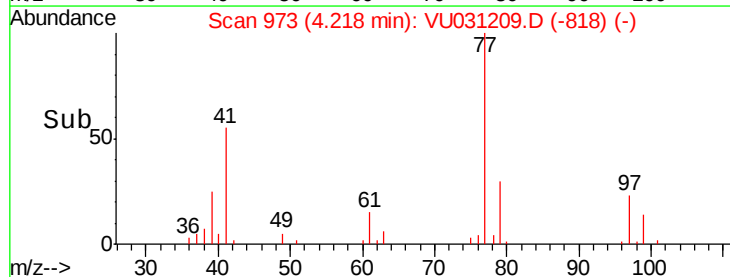
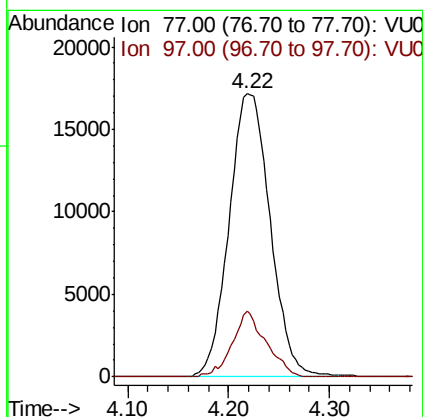
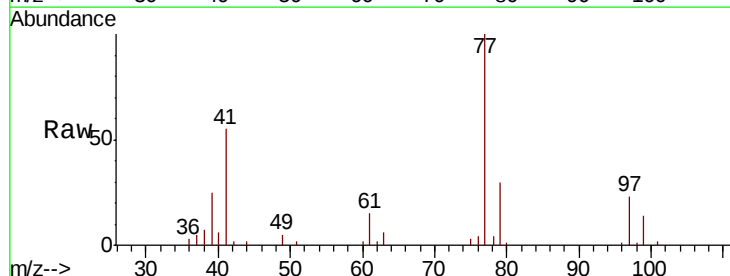
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917DL

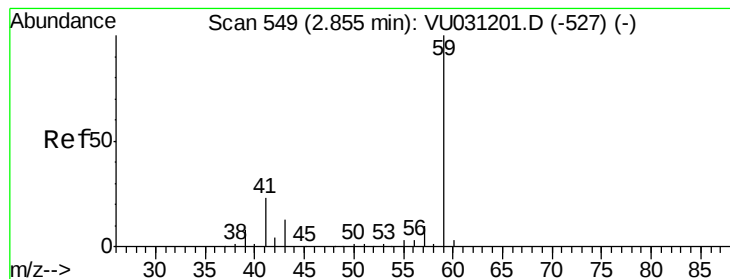
Tgt Ion: 63 Resp: 71994
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.5 2.0 5.8



#21
 2,2-Dichloropropane
 Concen: 2.887 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Tgt Ion: 77 Resp: 48568
 Ion Ratio Lower Upper
 77 100
 97 19.2 18.2 27.2



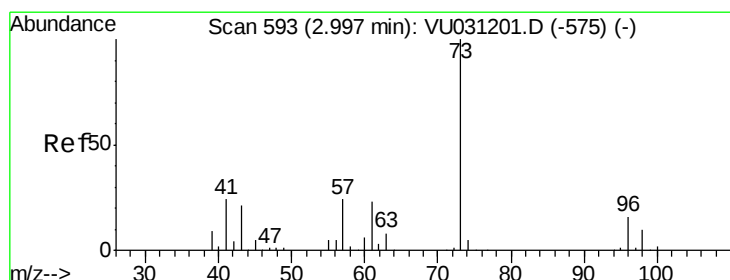
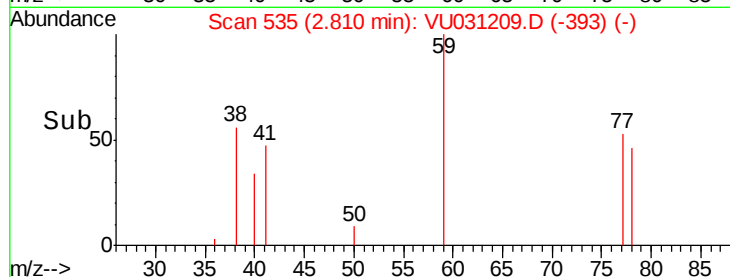
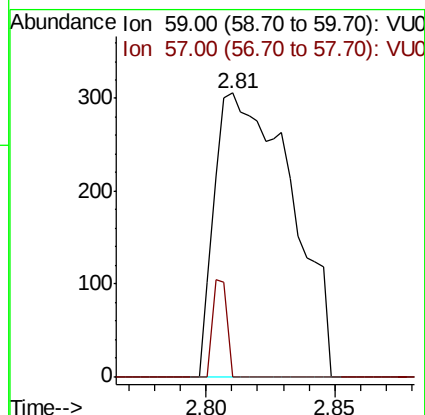
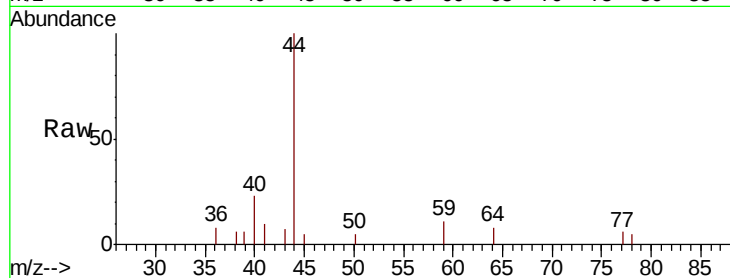


#24

tert-Butyl Alcohol
 Concen: 0.512 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.05 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917DL

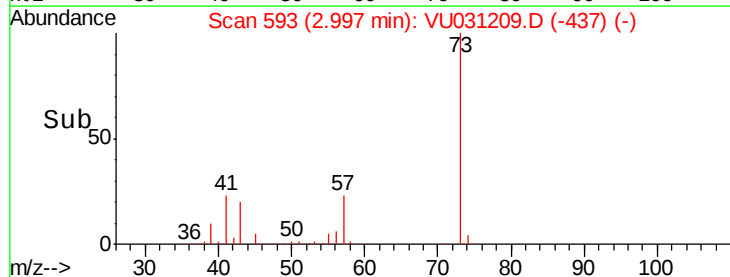
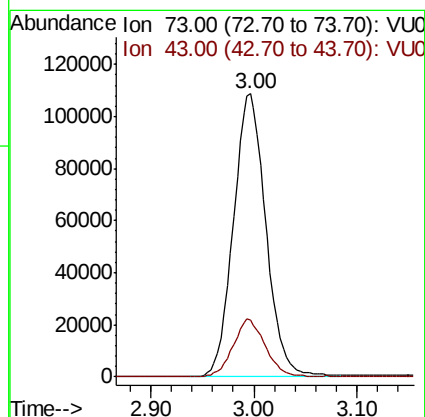
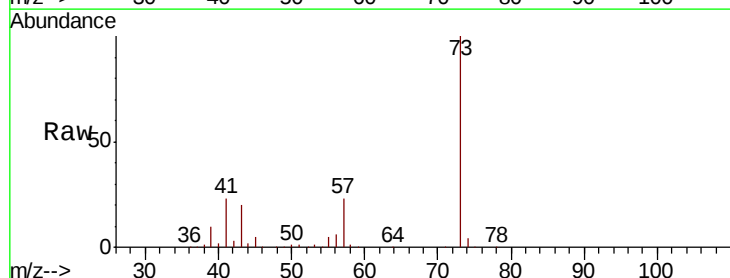
Tgt Ion: 59 Resp: 632
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

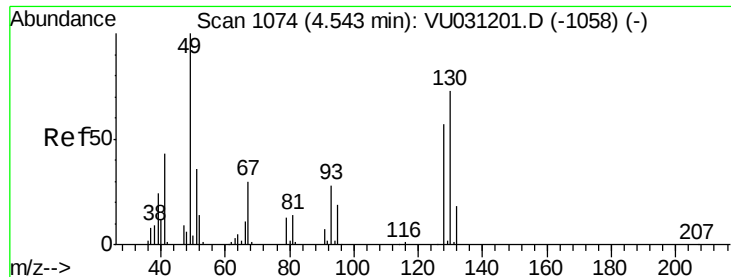


#25

Methyl tert-Butyl Ether
 Concen: 6.600 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Tgt Ion: 73 Resp: 238933
 Ion Ratio Lower Upper
 73 100
 43 20.3 16.2 24.4





#26

Bromochloromethane

Concen: 1.012 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

38023-122917DL

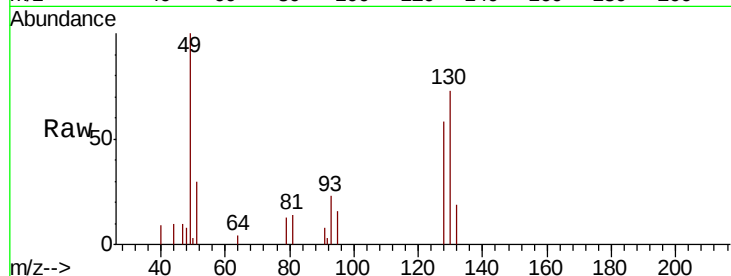
Tgt Ion:128 Resp: 5513

Ion Ratio Lower Upper

128 100

49 174.9 0.0 345.8

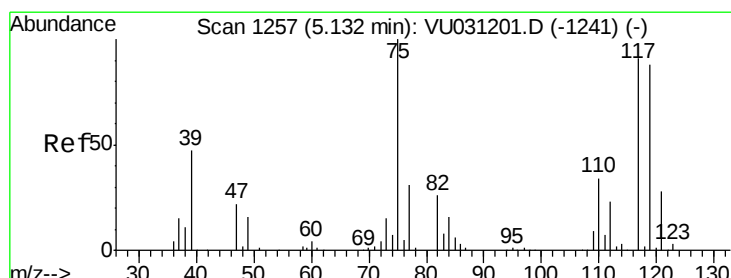
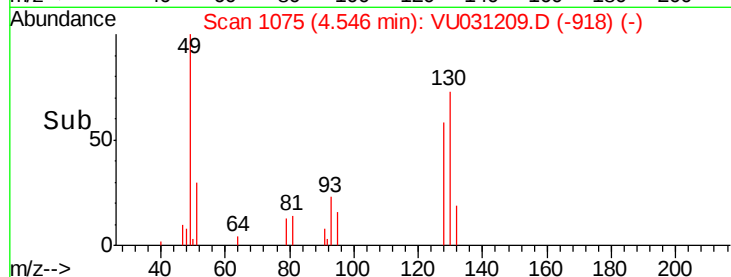
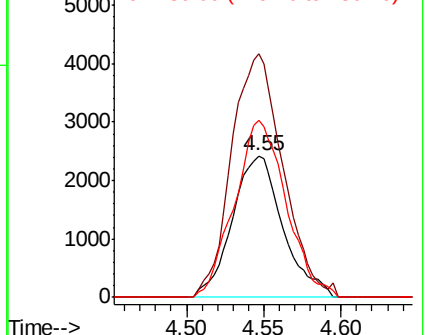
130 127.6 103.4 155.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V



#29

1,1-Dichloropropene

Concen: 2.413 ug/l

RT: 5.13 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

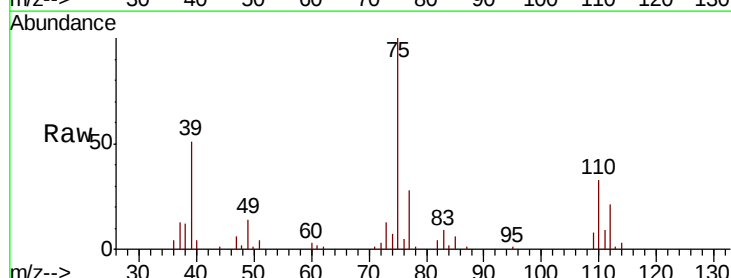
Tgt Ion: 75 Resp: 36936

Ion Ratio Lower Upper

75 100

110 34.2 17.2 51.5

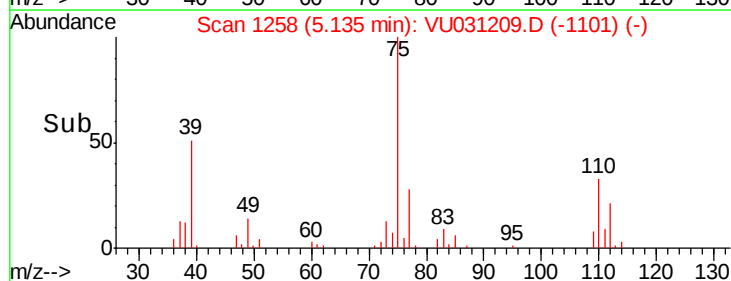
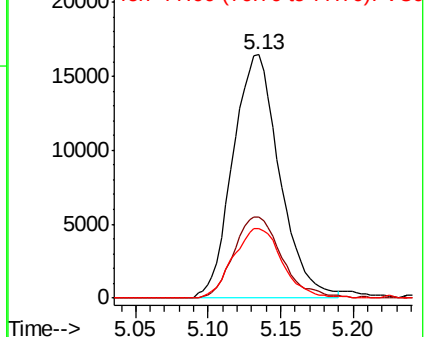
77 30.0 24.9 37.3

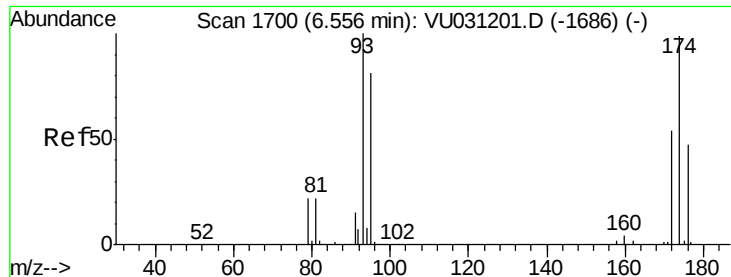


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU0

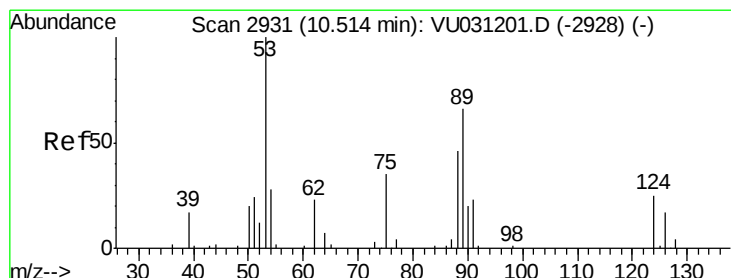
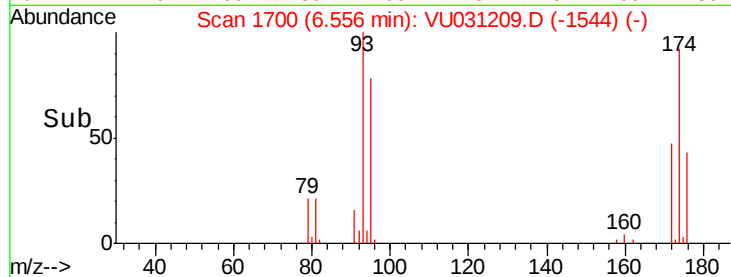
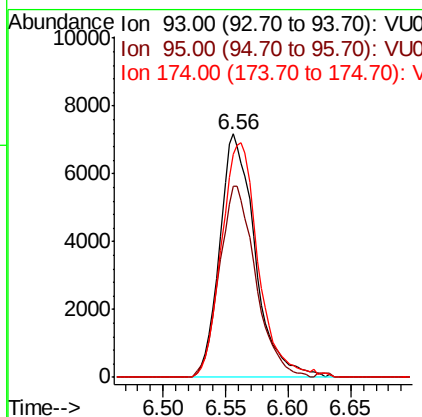
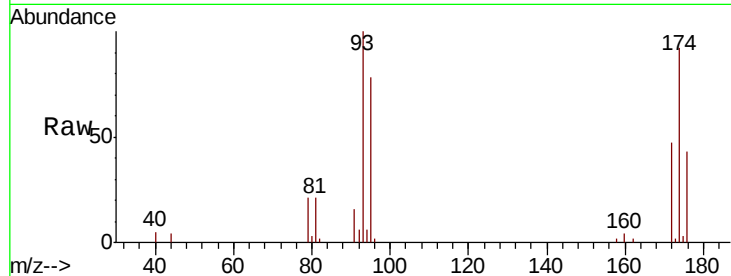




#43
 Dibromomethane
 Concen: 2.150 ug/l
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

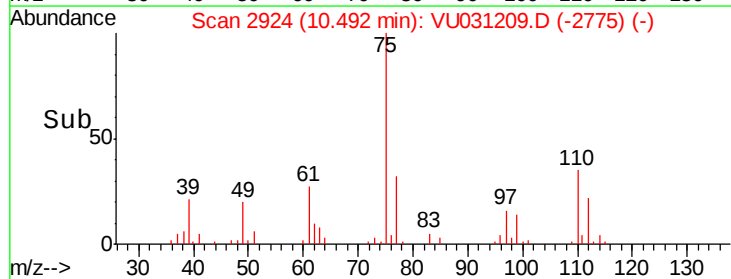
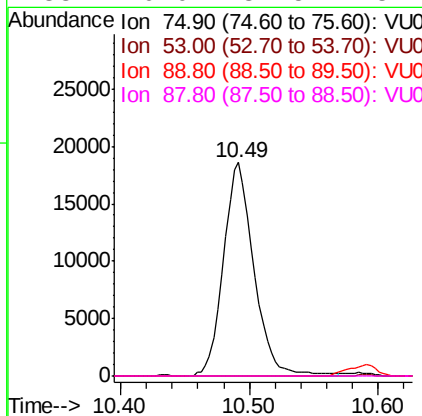
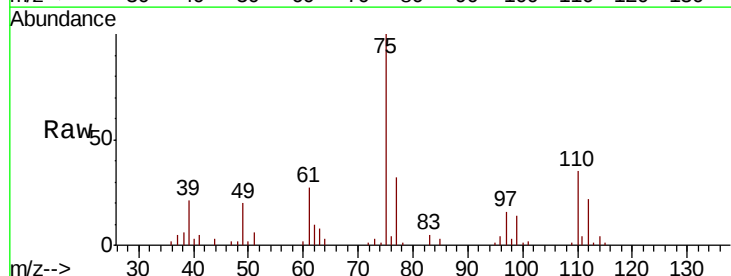
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917DL

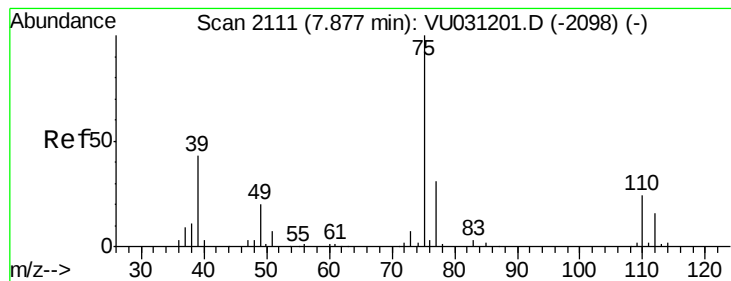
Tgt Ion: 93 Resp: 14035
 Ion Ratio Lower Upper
 93 100
 95 80.4 67.4 101.0
 174 100.5 79.1 118.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 10.386 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Tgt Ion: 75 Resp: 30482
 Ion Ratio Lower Upper
 75 100
 53 0.4 65.2 97.8#
 89 4.9 43.0 64.4#
 88 0.0 32.5 48.7#





#50

t-1,3-Dichloropropene

Concen: 3.777 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

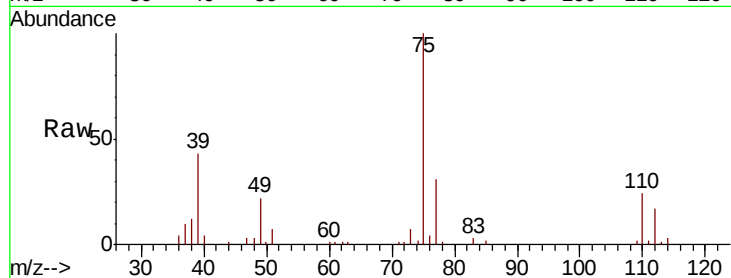
38023-122917DL

Tgt Ion: 75 Resp: 50653

Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VU031209.D (-1955) (-)

Ion 77.00 (76.70 to 77.70): VU031209.D (-1955) (-)

7.88

30000

25000

20000

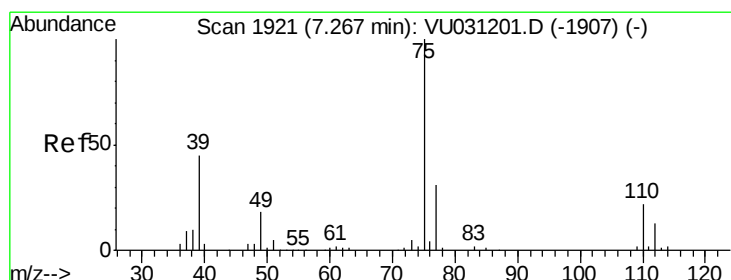
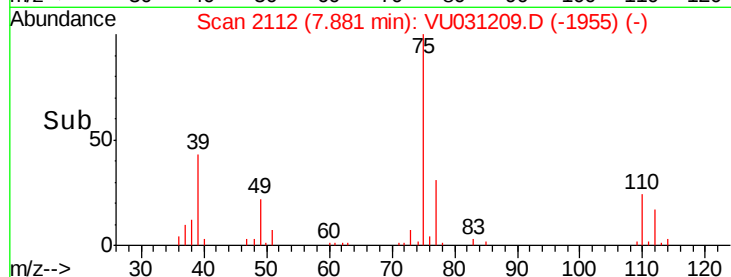
15000

10000

5000

0

Time-->



#51

cis-1,3-Dichloropropene

Concen: 0.899 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

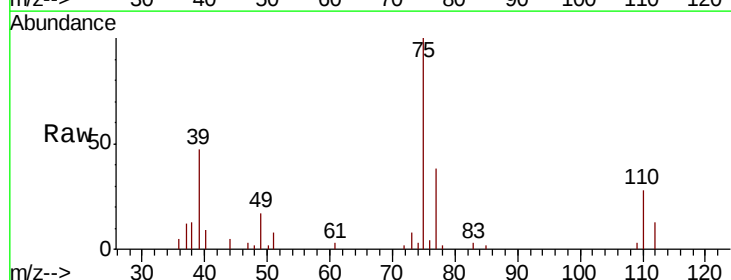
Tgt Ion: 75 Resp: 14252

Ion Ratio Lower Upper

75 100

77 38.2 24.6 37.0#

39 47.2 36.1 54.1



Abundance Ion 75.00 (74.70 to 75.70): VU031209.D (-1765) (-)

Ion 77.00 (76.70 to 77.70): VU031209.D (-1765) (-)

Ion 39.00 (38.70 to 39.70): VU031209.D (-1765) (-)

7.27

8000

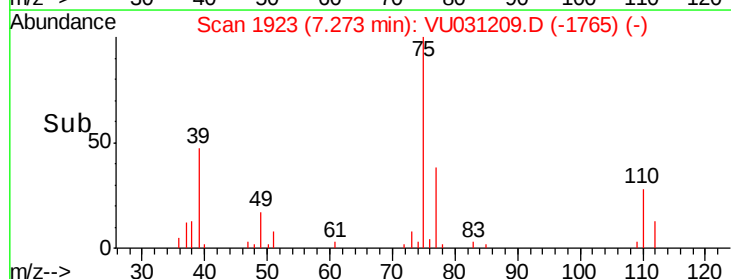
6000

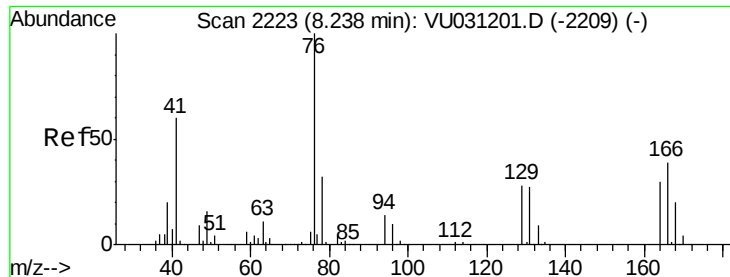
4000

2000

0

Time-->

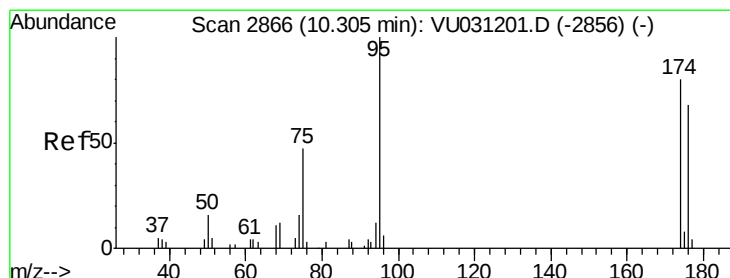
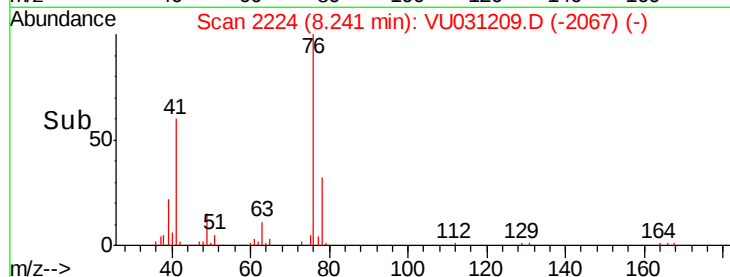
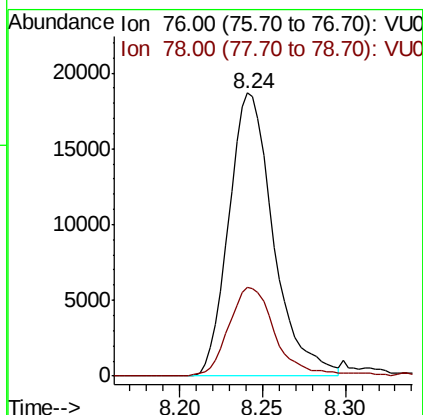
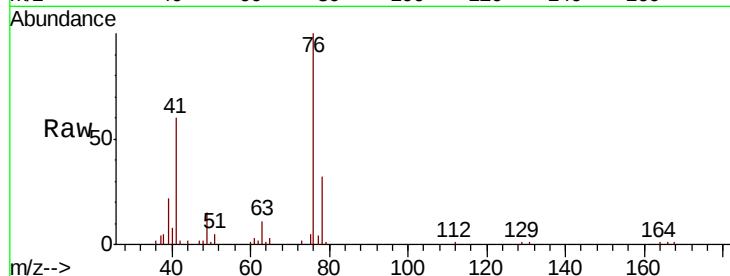




#53
 1,3-Dichloropropane
 Concen: 2.340 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

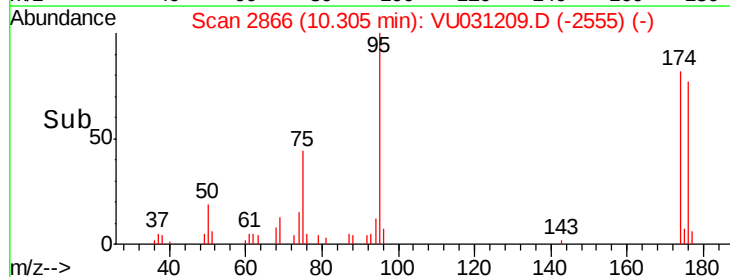
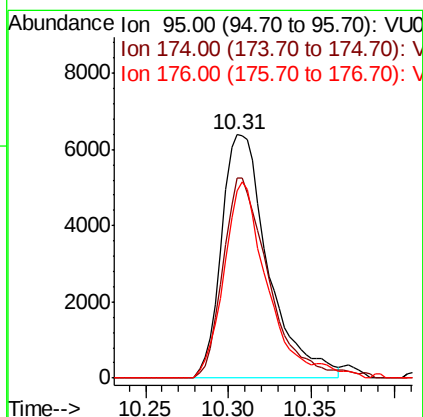
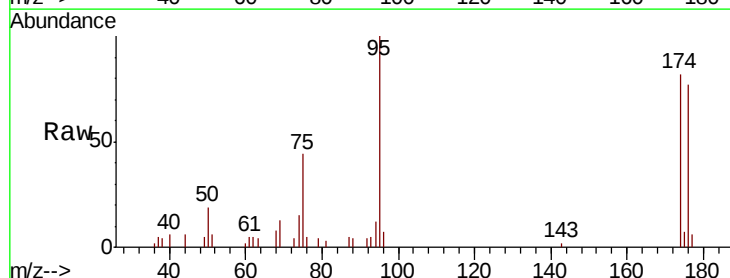
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917DL

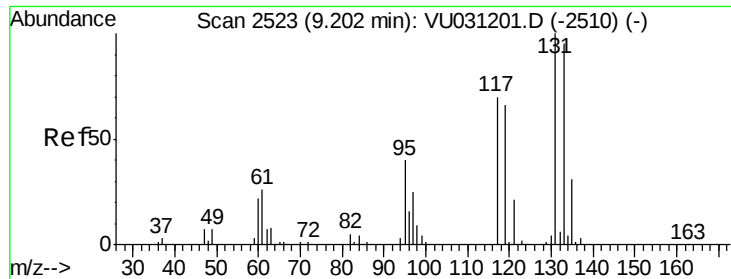
Tgt Ion: 76 Resp: 34988
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.3 37.9



#57
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 10.31 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Tgt Ion: 95 Resp: 12524
 Ion Ratio Lower Upper
 95 100
 174 81.1 64.2 96.2
 176 72.4 58.0 87.0





#60

1,1,1,2-Tetrachloroethane

Concen: 1.703 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleID :

38023-122917DL

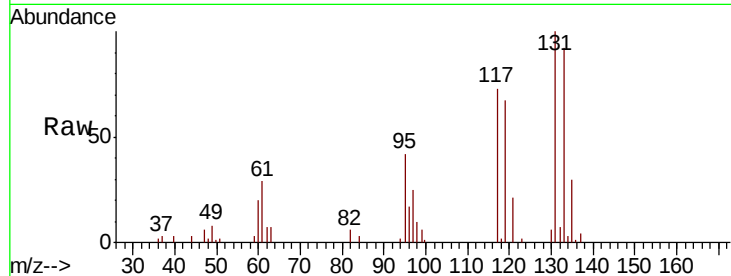
Tgt Ion:131 Resp: 17721

Ion Ratio Lower Upper

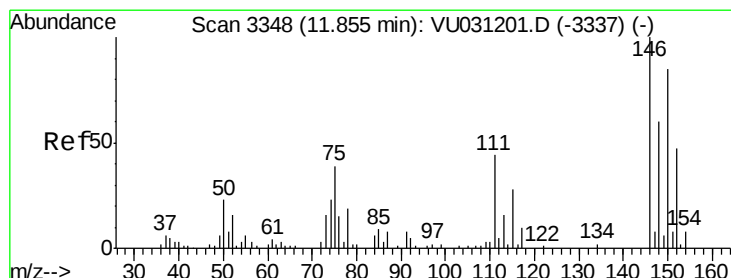
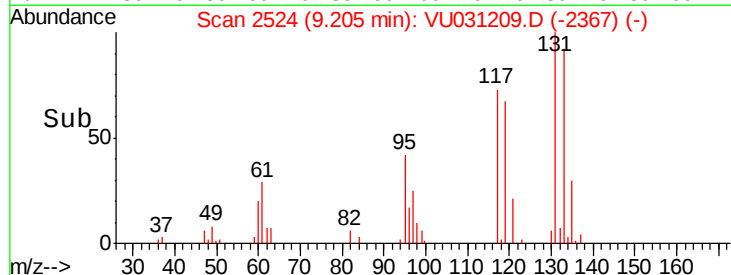
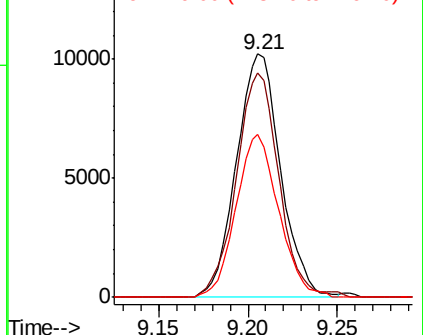
131 100

133 88.9 77.2 115.8

119 64.5 51.4 77.2



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.01 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

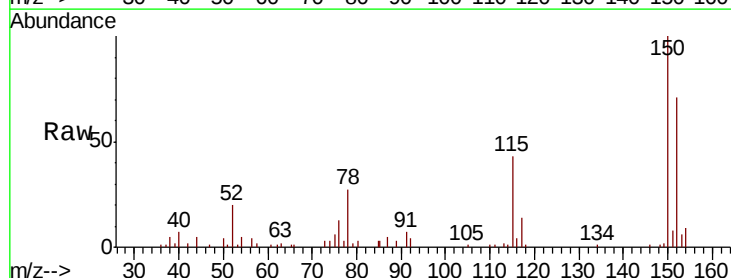
Tgt Ion:152 Resp: 14359

Ion Ratio Lower Upper

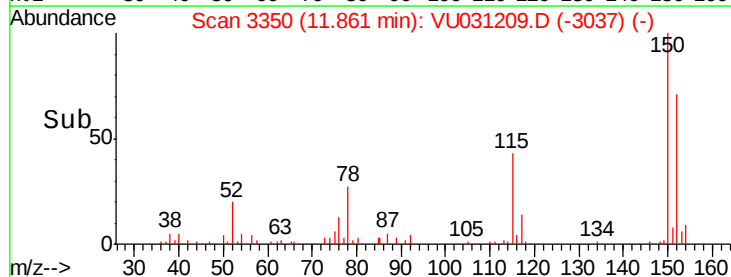
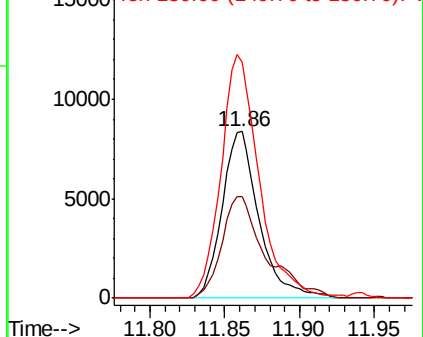
152 100

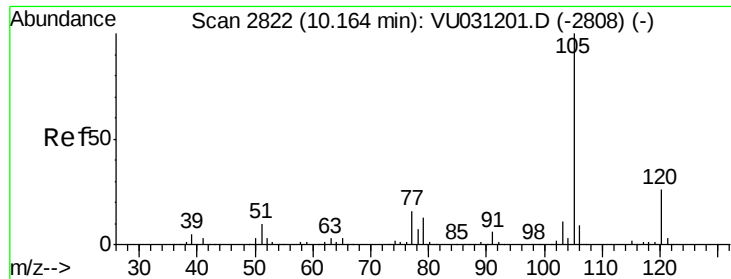
115 72.5 0.0 130.0

150 151.5 0.0 639.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.509 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

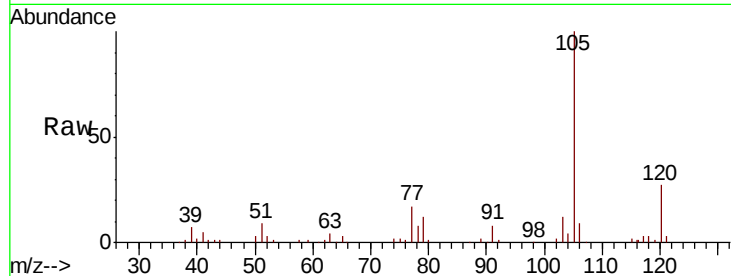
38023-122917DL

Tgt Ion: 105 Resp: 65315

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

40000

30000

20000

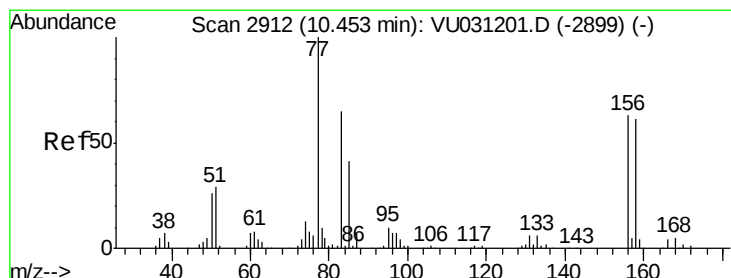
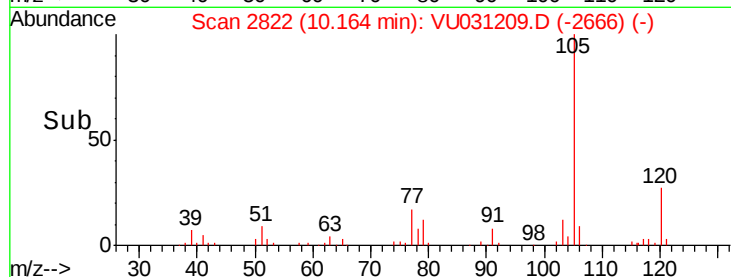
10000

0

10.10

10.20

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 3.638 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

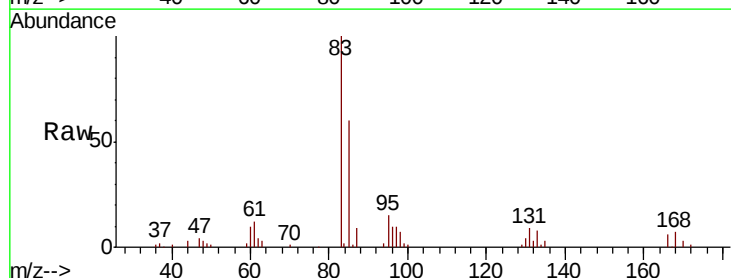
Tgt Ion: 83 Resp: 41558

Ion Ratio Lower Upper

83 100

131 8.8 8.0 12.0

85 63.3 51.3 76.9



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

30000

20000

10000

0

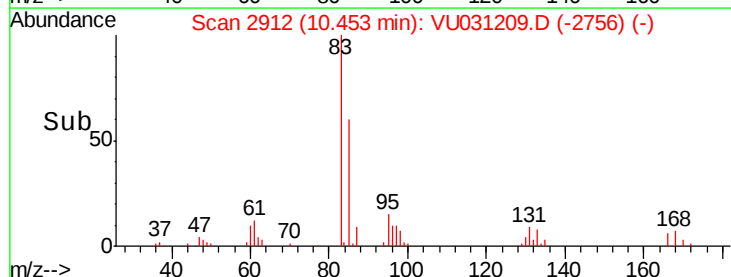
10.40

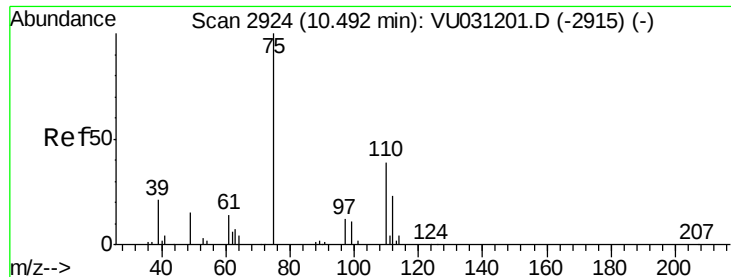
10.45

10.50

10.55

Time-->

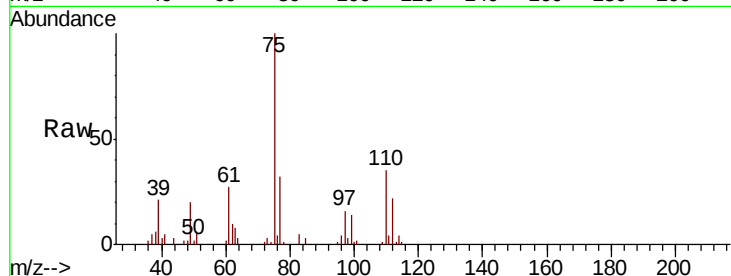




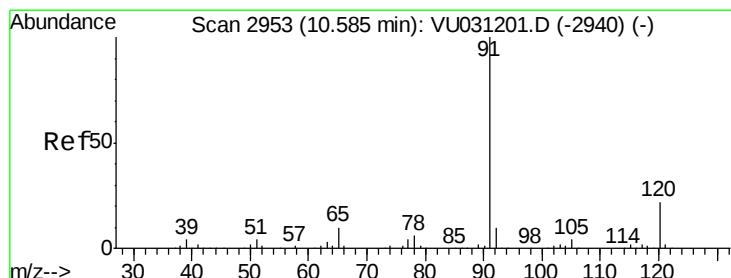
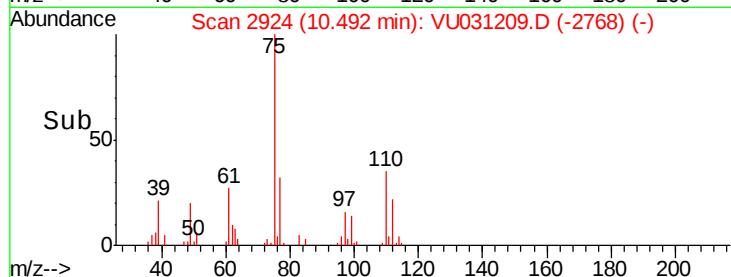
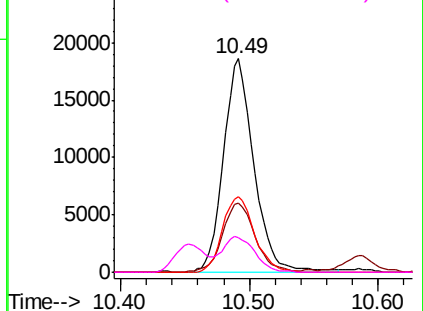
#71
 1,2,3-Trichloropropane
 Concen: 3.691 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917DL

Tgt Ion: 75 Resp: 30482
 Ion Ratio Lower Upper
 75 100
 77 34.8 0.0 0.0#
 110 37.0 0.0 71.0
 97 17.5 0.0 40.4

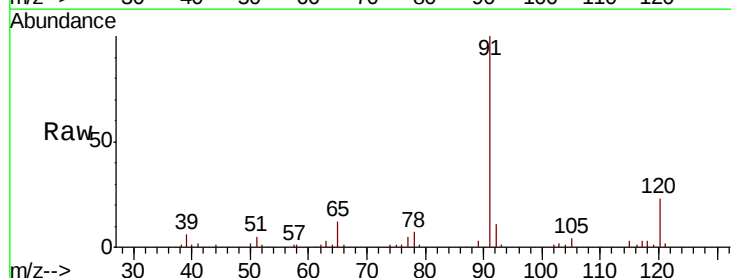


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

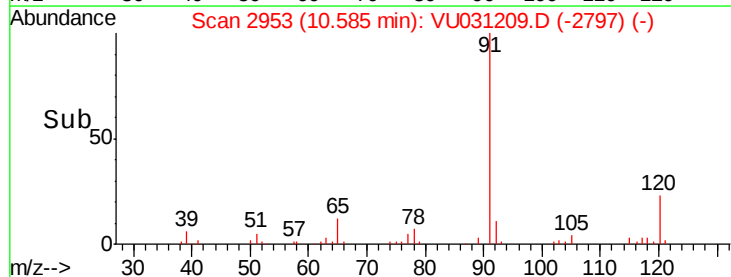
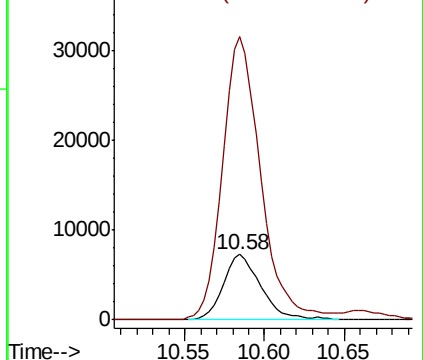


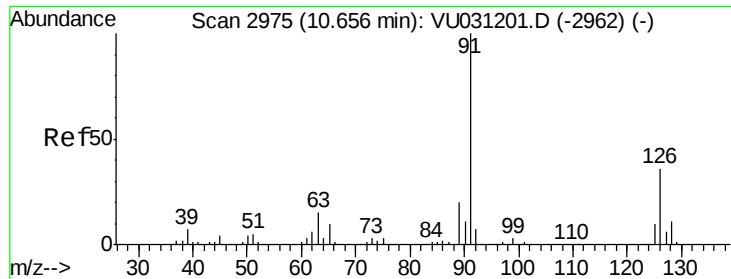
#73
 n-propylbenzene
 Concen: 1.011 ug/l
 RT: 10.58 min Scan# 2953
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Tgt Ion: 120 Resp: 11683
 Ion Ratio Lower Upper
 120 100
 91 442.1 364.9 547.3



Abundance Ion 120.00 (119.70 to 120.70): V
 Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 2.337 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.12 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

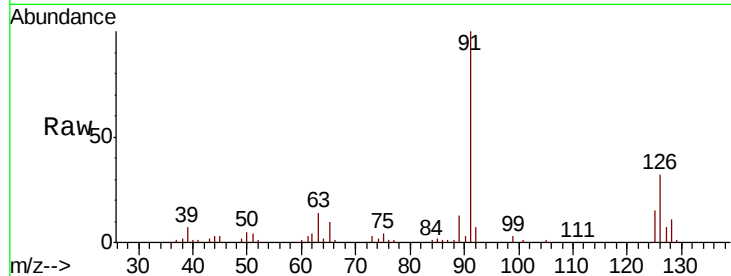
38023-122917DL

Tgt Ion:126 Resp: 24908

Ion Ratio Lower Upper

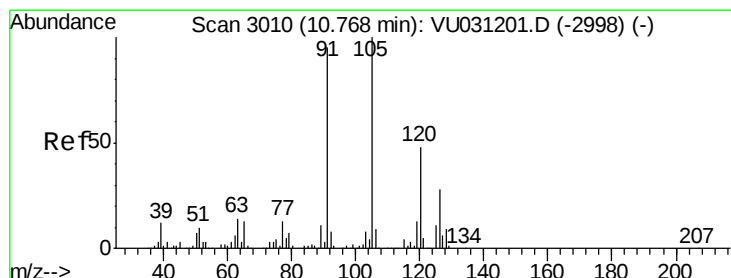
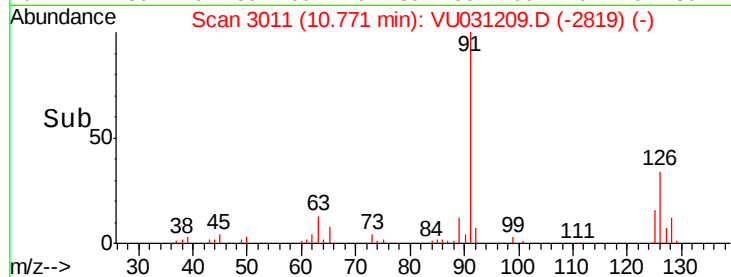
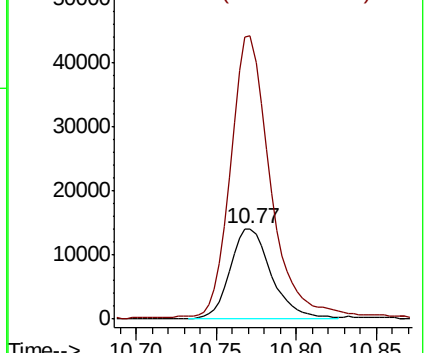
126 100

91 299.6 0.0 612.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#76

4-Chlorotoluene

Concen: 2.319 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU031209.D

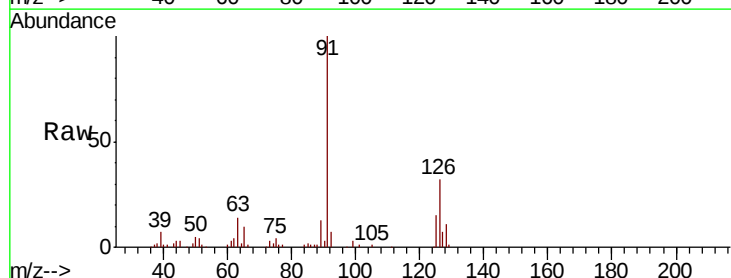
Acq: 16 Apr 2019 12:38

Tgt Ion:126 Resp: 24908

Ion Ratio Lower Upper

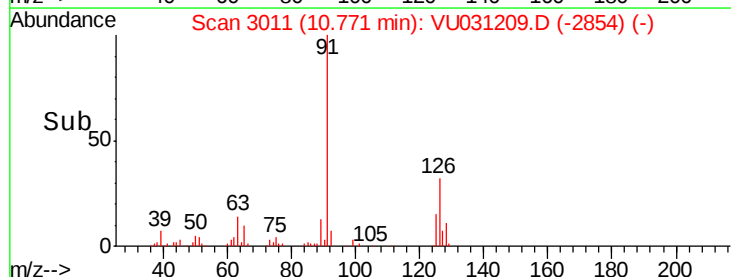
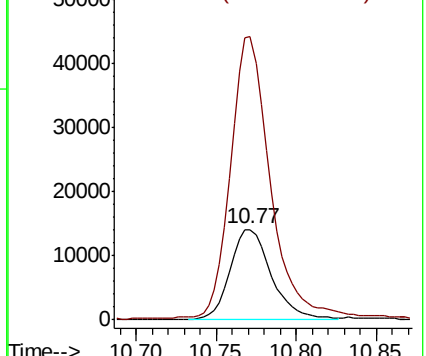
126 100

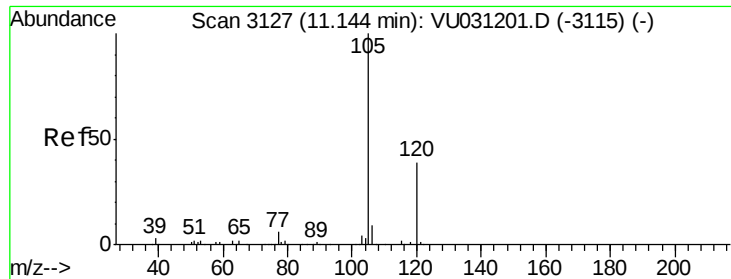
91 299.6 0.0 683.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#78

1,2,4-Trimethylbenzene

Concen: 0.946 ug/l

RT: 11.15 min Scan# 3128

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

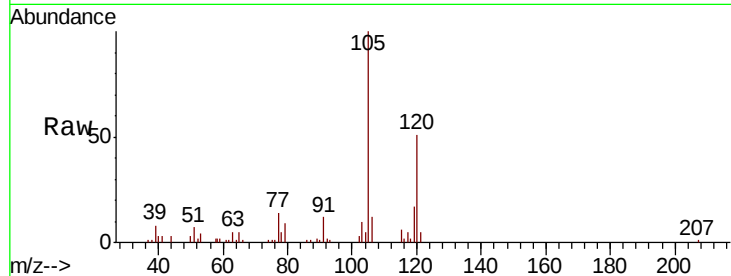
38023-122917DL

Tgt Ion:105 Resp: 34930

Ion Ratio Lower Upper

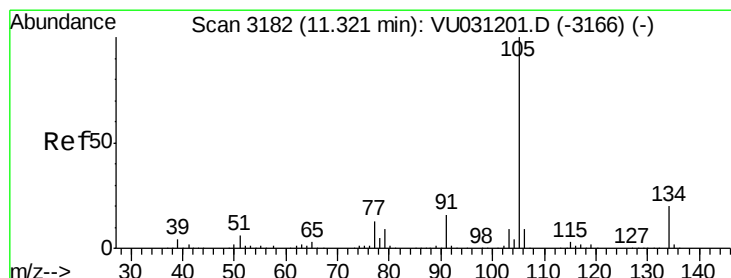
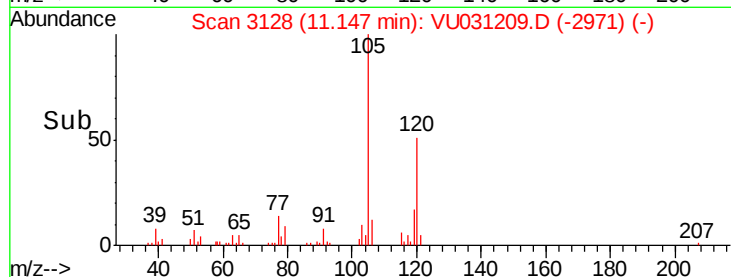
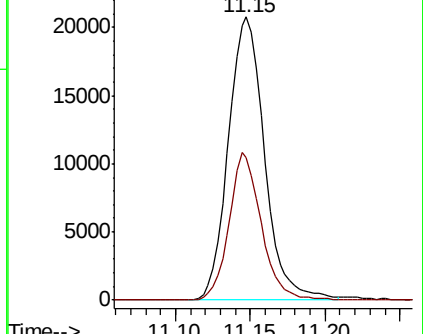
105 100

120 46.3 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#79

sec-Butylbenzene

Concen: 1.695 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU031209.D

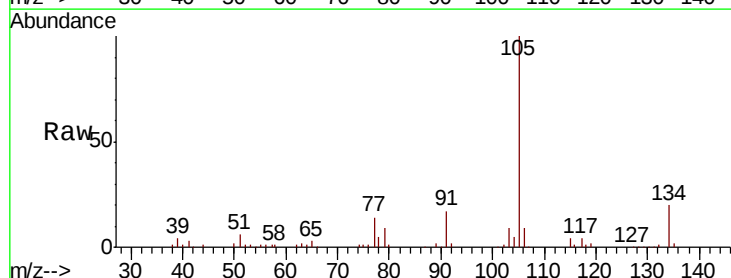
Acq: 16 Apr 2019 12:38

Tgt Ion:105 Resp: 81755

Ion Ratio Lower Upper

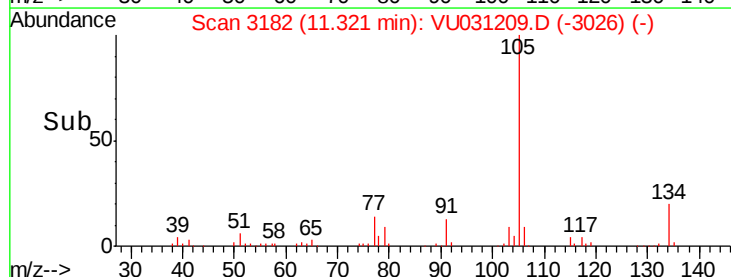
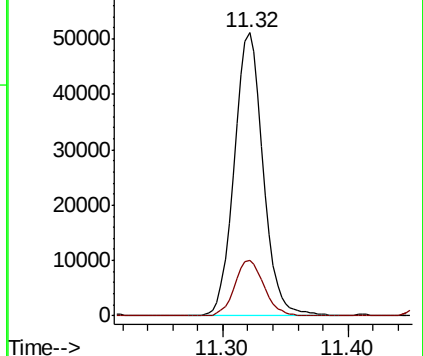
105 100

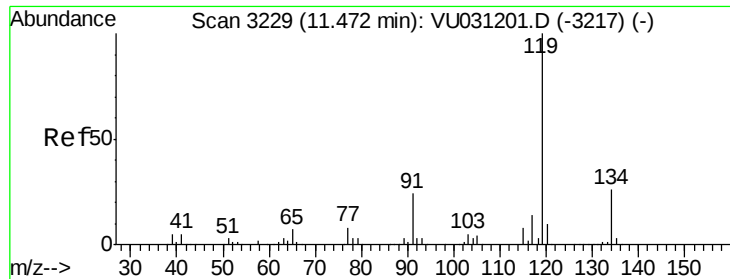
134 20.0 15.5 23.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

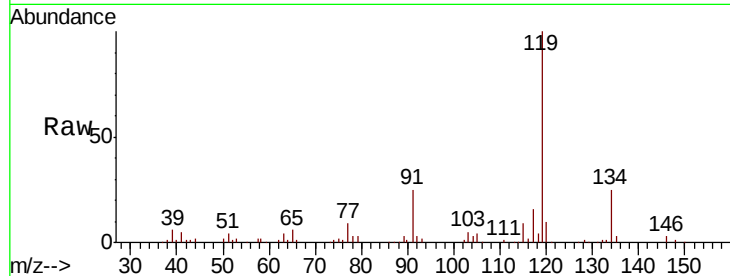




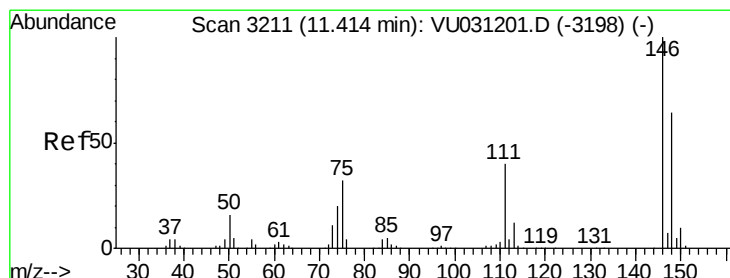
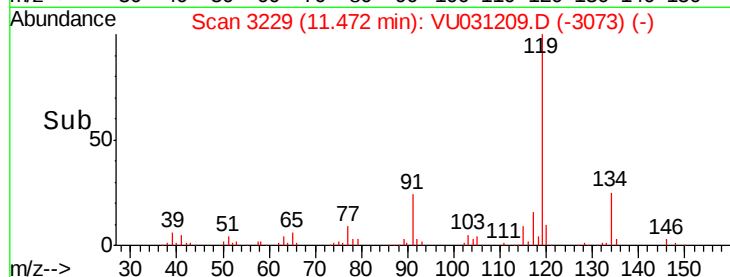
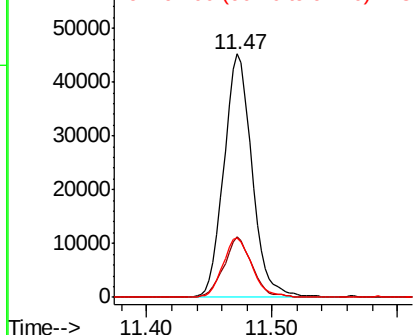
#81
p-Isopropyltoluene
Concen: 1.816 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.00 min
Lab File: VU031209.D
Acq: 16 Apr 2019 12:38

Instrument :
MSVOA_U
ClientSampleId :
38023-122917DL

Tgt Ion:119 Resp: 70360
Ion Ratio Lower Upper
119 100
134 25.0 21.0 31.4
91 25.3 19.4 29.2

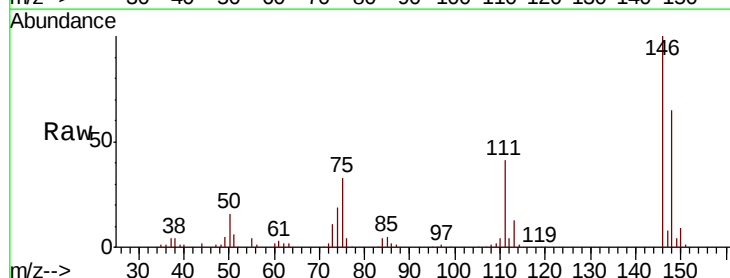


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

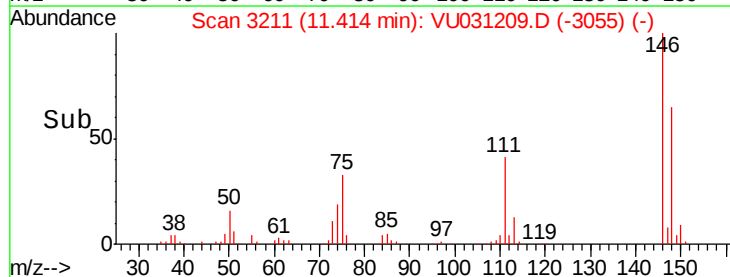
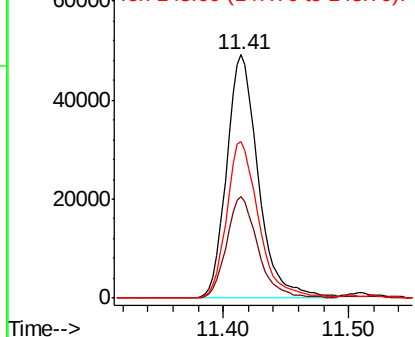


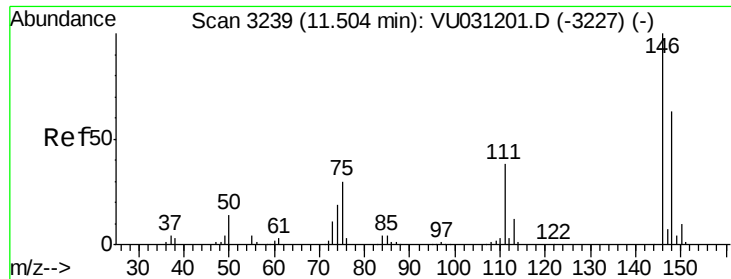
#82
1,3-Dichlorobenzene
Concen: 3.831 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU031209.D
Acq: 16 Apr 2019 12:38

Tgt Ion:146 Resp: 86651
Ion Ratio Lower Upper
146 100
111 41.2 32.4 48.6
148 64.8 50.8 76.2



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

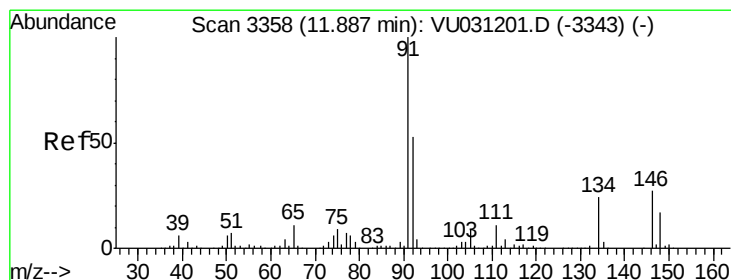
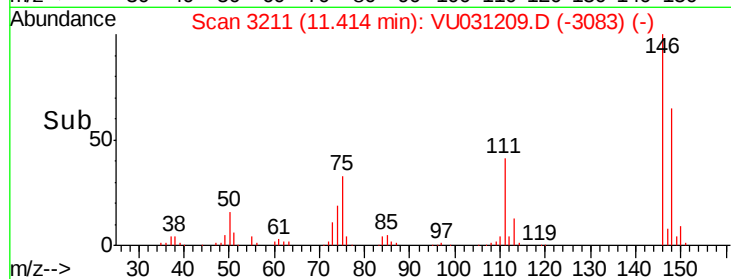
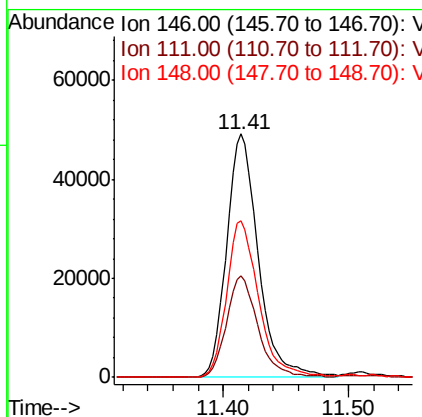
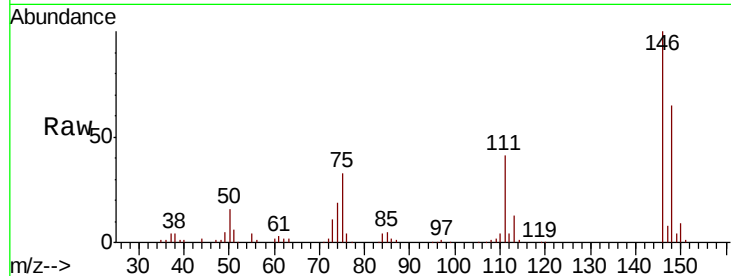




#83
 1,4-Dichlorobenzene
 Concen: 3.955 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.09 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

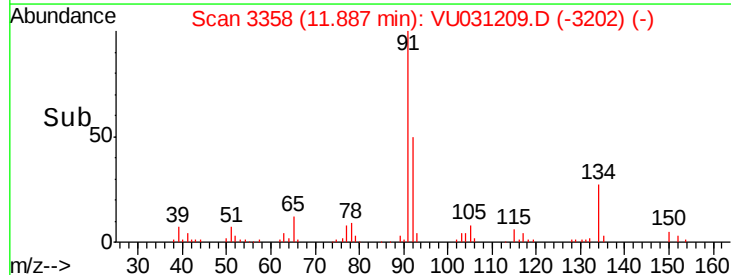
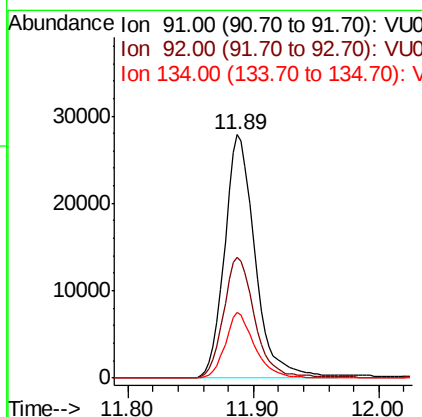
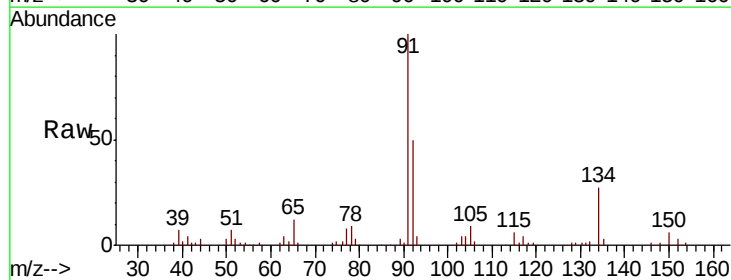
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917DL

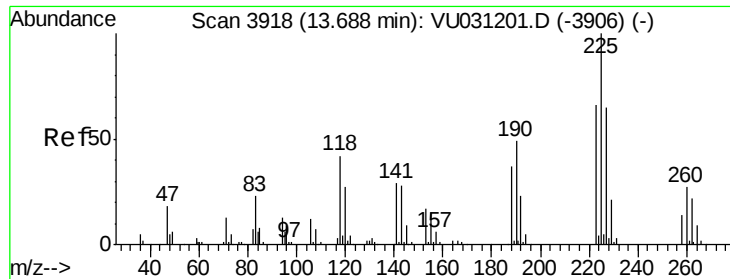
Tgt Ion: 146 Resp: 86651
 Ion Ratio Lower Upper
 146 100
 111 41.2 30.6 46.0
 148 64.8 51.1 76.7



#84
 n-Butylbenzene
 Concen: 1.261 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Tgt Ion: 91 Resp: 47197
 Ion Ratio Lower Upper
 91 100
 92 50.4 42.6 63.8
 134 25.5 19.1 28.7





#88

Hexachlorobutadiene

Concen: 7.914 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. 0.00 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

Instrument :

MSVOA_U

ClientSampleId :

38023-122917DL

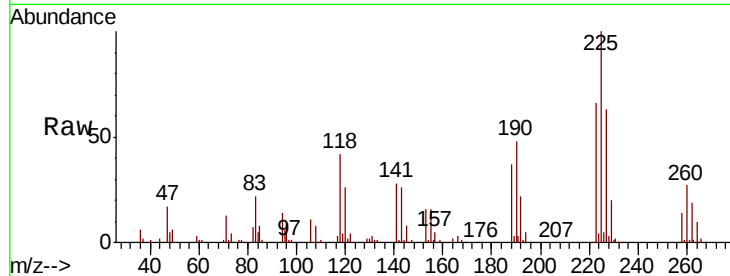
Tgt Ion:225 Resp: 68534

Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.2

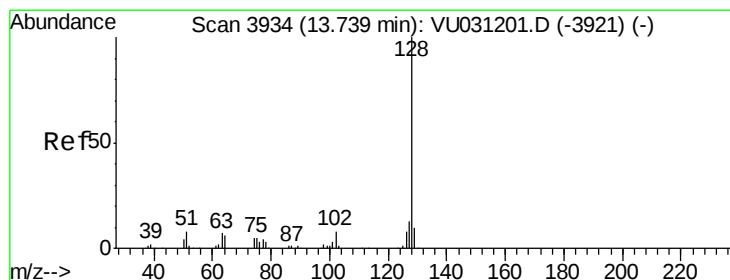
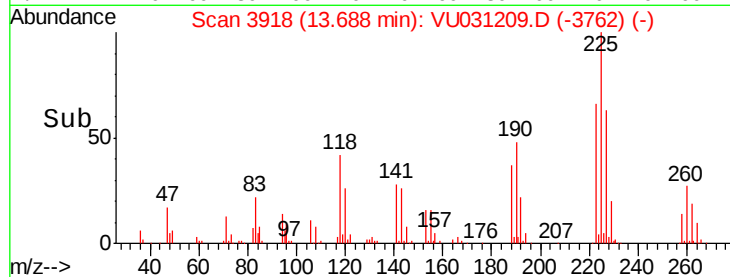
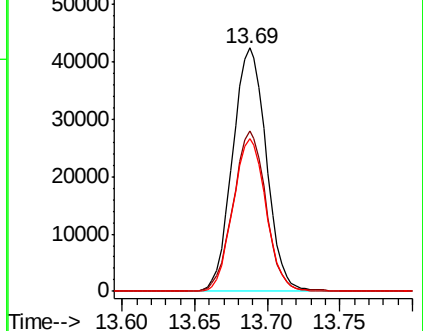
227 61.4 51.2 76.8



Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 0.671 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU031209.D

Acq: 16 Apr 2019 12:38

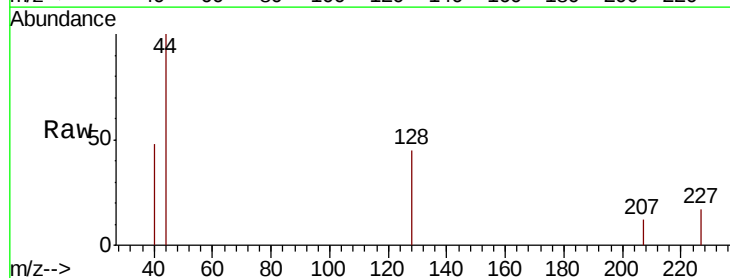
Tgt Ion:128 Resp: 750

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

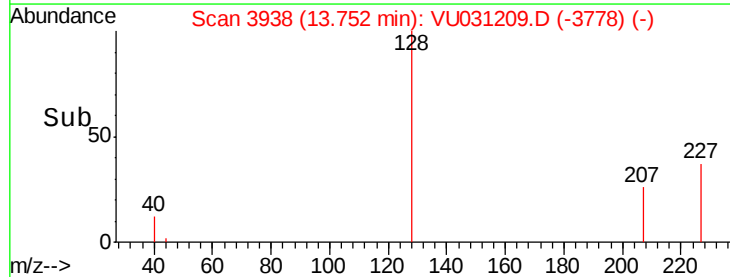
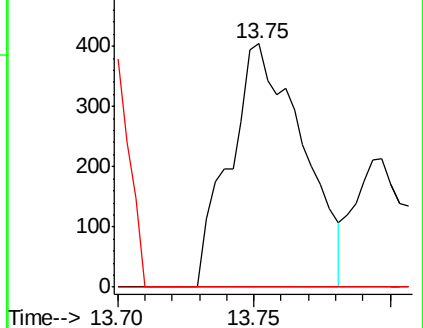
129 194.3 8.3 12.5#

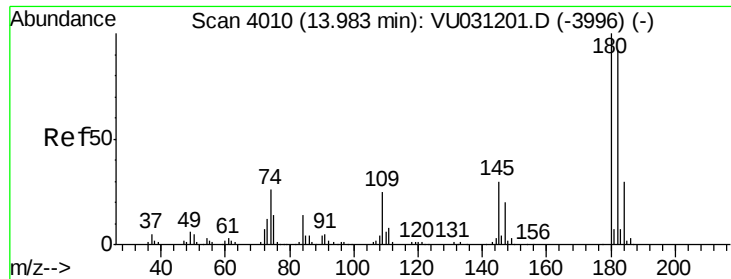


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

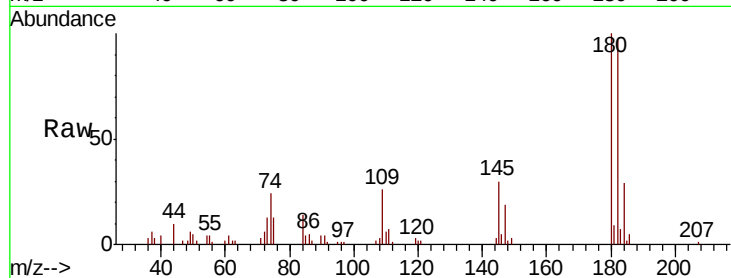




#90
 1,2,3-Trichlorobenzene
 Concen: 1.821 ug/l
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU031209.D
 Acq: 16 Apr 2019 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917DL

Tgt Ion	Resp	Lower	Upper
180	100		
182	92.4	76.4	114.6
145	30.2	25.3	37.9



Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.70 (181.40 to 182.40): V
 Ion 144.80 (144.50 to 145.50): V

