

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041619\
 Data File : VU031207.D
 Acq On : 16 Apr 2019 11:05
 Operator : JC/SP
 Sample : K2136-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

Quant Time: Apr 17 03:12:08 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

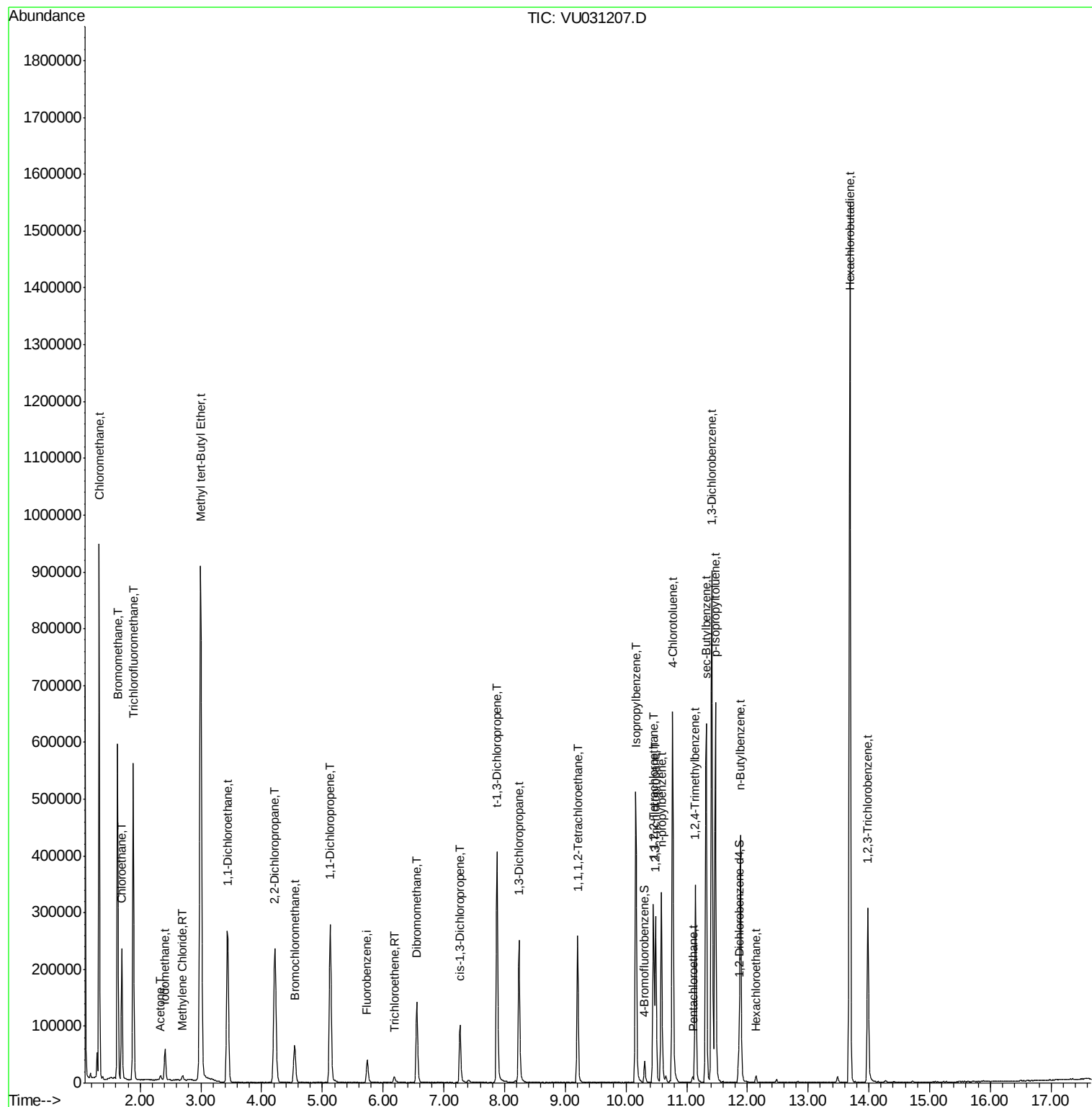
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	37048	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	14956	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14386	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
Target Compounds						Ovalue
3) Chloromethane	1.32	50	585330	34.623	ug/l	99
5) Bromomethane	1.63	94	260779	26.951	ug/l	99
6) Chloroethane	1.70	64	144282	12.651	ug/l	99
7) Trichlorofluoromethane	1.89	101	353688	14.685	ug/l	97
10) Iodomethane	2.41	142	52621	3.253	ug/l	99
13) Acetone	2.32	43	3272	1.120	ug/l	99
15) Methylene Chloride	2.70	84	3658	0.237	ug/l	93
17) 1,1-Dichloroethane	3.44	63	296314	14.153	ug/l	100
21) 2,2-Dichloropropane	4.22	77	205693	12.675	ug/l	96
25) Methyl tert-Butyl Ether	3.00	73	964380	27.614	ug/l	100
26) Bromochloromethane	4.55	128	22793	4.338	ug/l	98
29) 1,1-Dichloropropene	5.13	75	163175	11.051	ug/l	100
37) Trichloroethene	6.18	130	4584	0.372	ug/l	92
43) Dibromomethane	6.56	93	57280	9.097	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	229645	17.749	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	61518	4.022	ug/l	97
53) 1,3-Dichloropropane	8.24	76	148699	10.310	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	73416	7.312	ug/l	99
61) Pentachloroethane	11.10	117	2122	0.272	ug/l	89
62) Hexachloroethane	12.14	117	2621	0.347	ug/l	98
69) Isopropylbenzene	10.16	105	329778	7.898	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	163672	14.853	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	124130	15.579	ug/l #	99
73) n-propylbenzene	10.58	120	57646	5.170	ug/l	98
76) 4-Chlorotoluene	10.77	126	128221	12.378	ug/l	83
78) 1,2,4-Trimethylbenzene	11.14	105	194039	5.447	ug/l	100
79) sec-Butylbenzene	11.32	105	428115	9.203	ug/l	99
81) p-Isopropyltoluene	11.47	119	368142	9.852	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	385619	17.671	ug/l	99
84) n-Butylbenzene	11.89	91	241256	6.681	ug/l	99
88) Hexachlorobutadiene	13.69	225	296361	35.475	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	103416	8.259	ug/l	99
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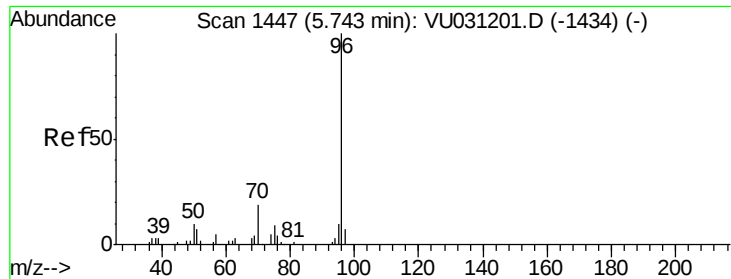
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 17 03:12:08 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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

Tot Ion: 96 Resp: 37048

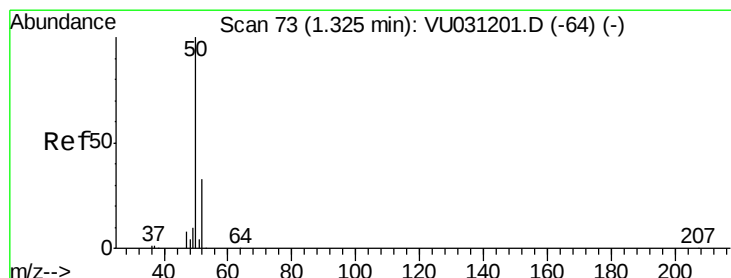
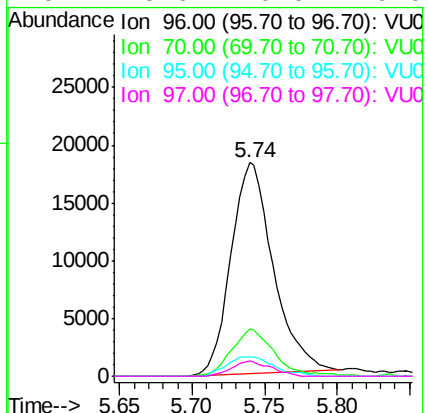
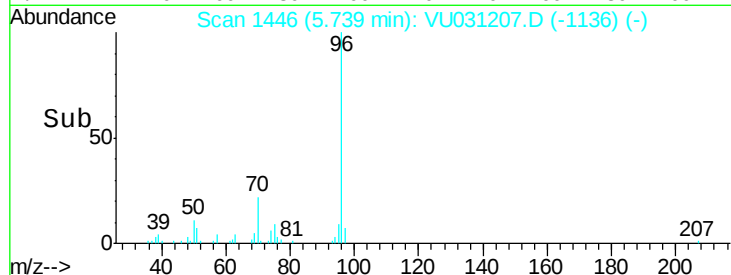
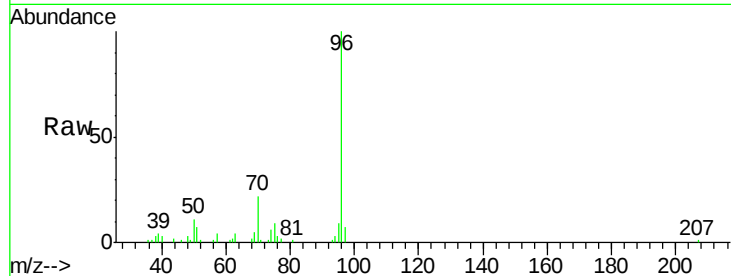
Ion Ratio Lower Upper

96 100

70 22.7 18.4 27.6

95 10.4 7.6 11.4

97 6.6 0.0 0.0#



#3

Chloromethane

Concen: 34.623 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031207.D

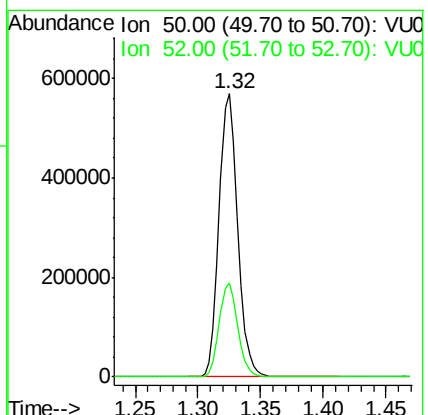
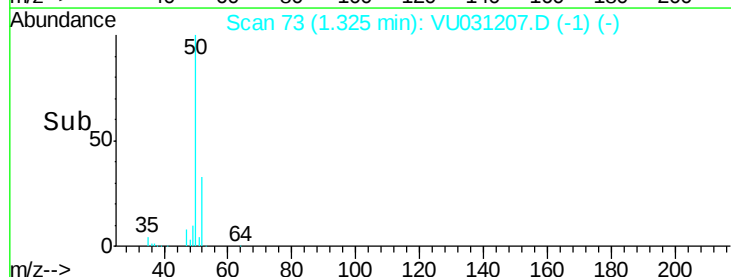
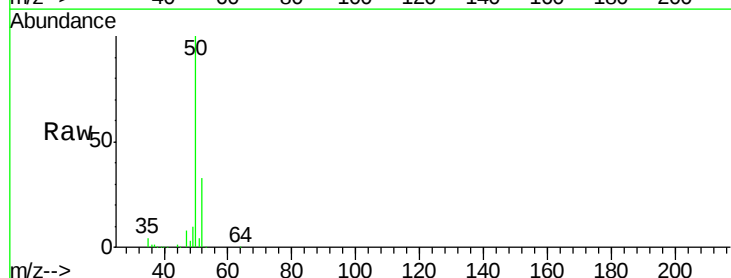
Acq: 16 Apr 2019 11:05

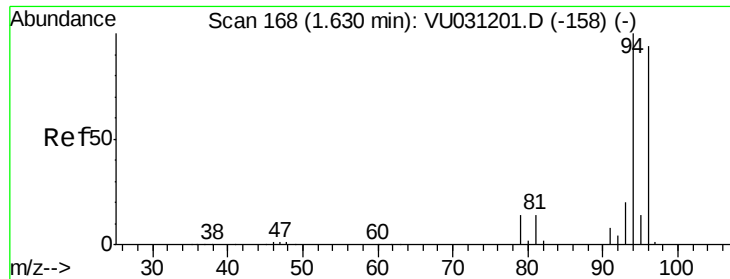
Tgt Ion: 50 Resp: 585330

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2





#5

Bromomethane

Concen: 26.951 ug/l

RT: 1.63 min Scan# 167

Delta R.T. -0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

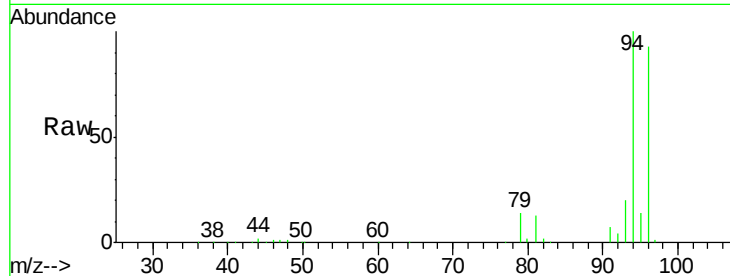
38023-122917

Tot Ion: 94 Resp: 260779

Ion Ratio Lower Upper

94 100

96 93.2 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU031207.D (-167) (-)

Ion 96.00 (95.70 to 96.70): VU031207.D (-167) (-)

1.63

200000

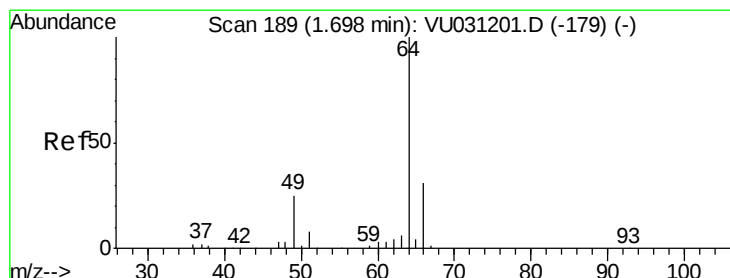
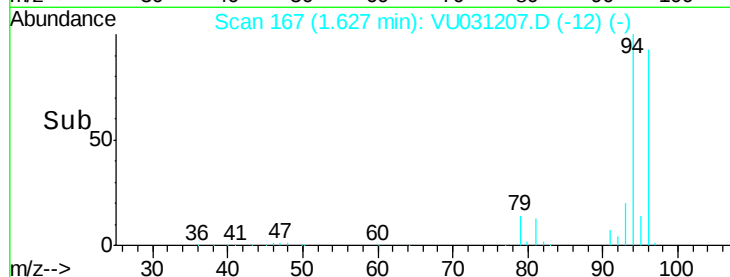
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 12.651 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031207.D

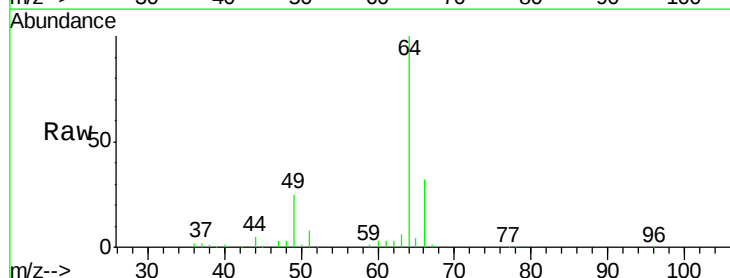
Acq: 16 Apr 2019 11:05

Tgt Ion: 64 Resp: 144282

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU031207.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VU031207.D (-33) (-)

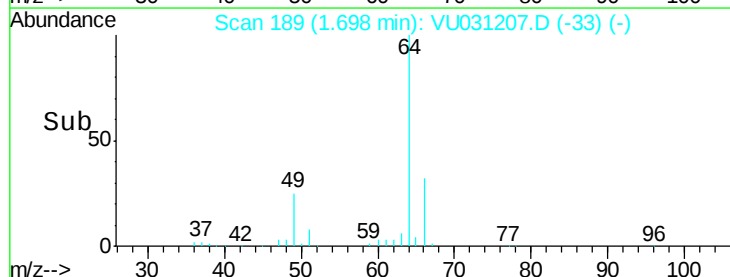
1.70

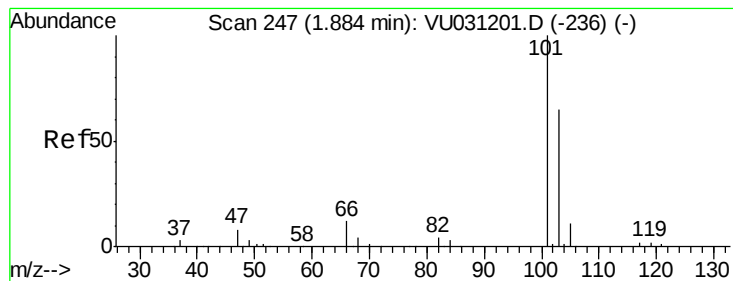
100000

50000

0

Time-->



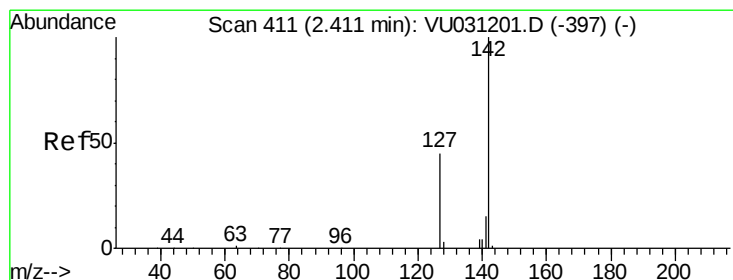
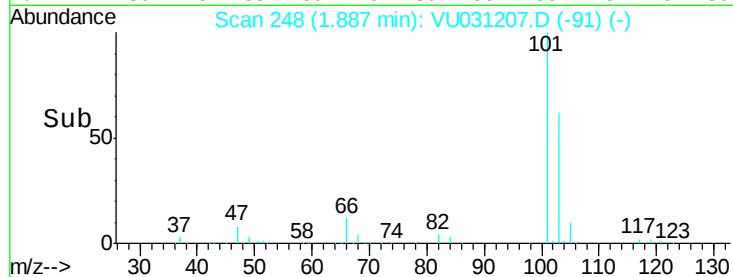
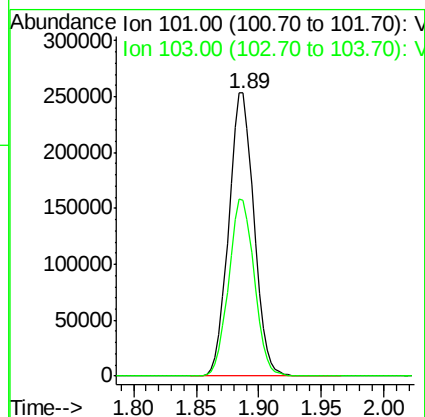
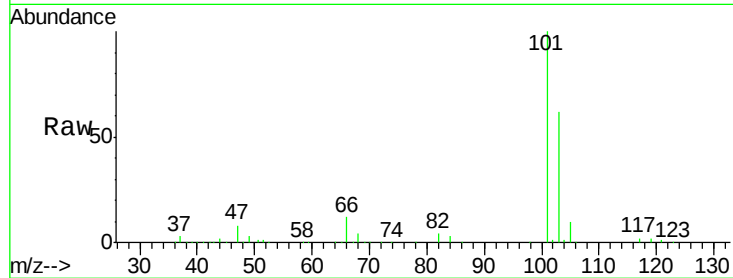


#7

Trichlorofluoromethane
Concen: 14.685 ug/l
RT: 1.89 min Scan# 248
Delta R.T. 0.00 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
38023-122917

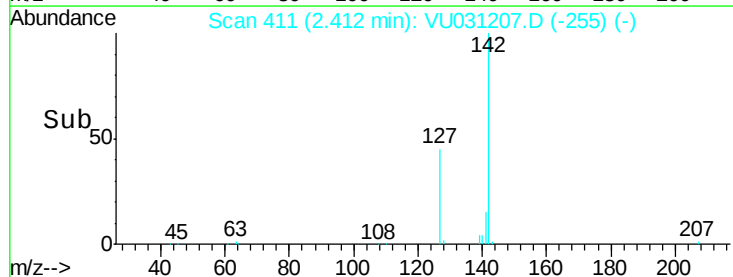
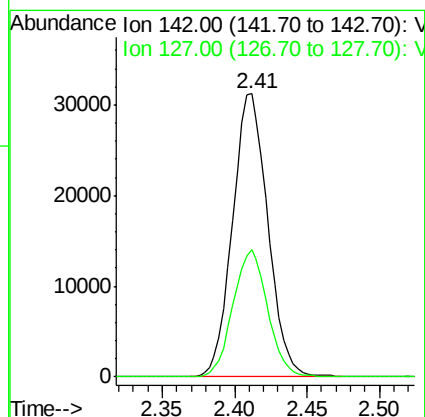
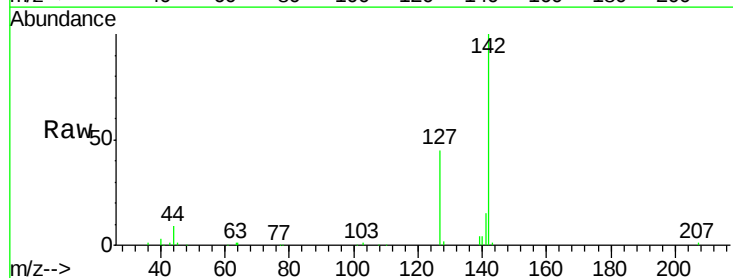
Tot Ion:101 Resp: 353688
Ion Ratio Lower Upper
101 100
103 62.3 51.8 77.8

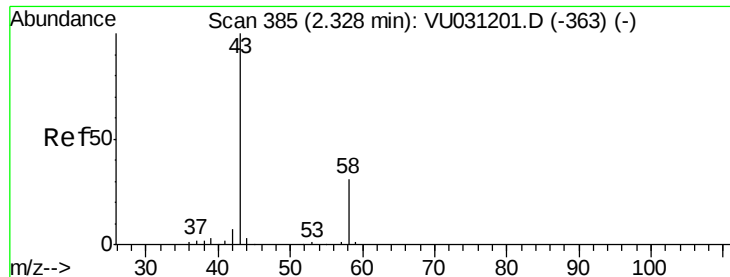


#10

Iodomethane
Concen: 3.253 ug/l
RT: 2.41 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

Tgt Ion:142 Resp: 52621
Ion Ratio Lower Upper
142 100
127 43.9 35.9 53.9





#13

Acetone

Concen: 1.120 ug/l

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

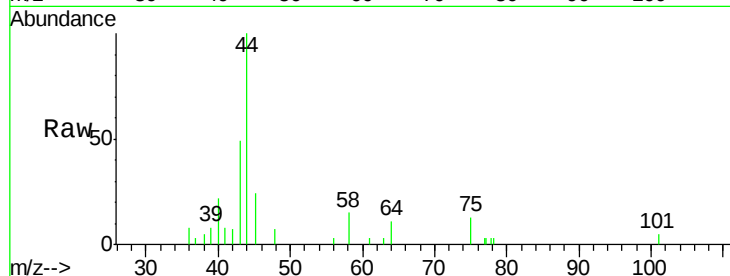
38023-122917

Tot Ion: 43 Resp: 3272

Ion Ratio Lower Upper

43 100

58 31.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VU031207.D (-229) (-)

Ion 58.00 (57.70 to 58.70): VU031207.D (-229) (-)

2.32

1500

1000

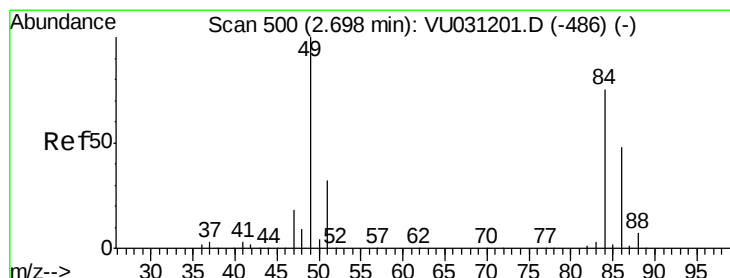
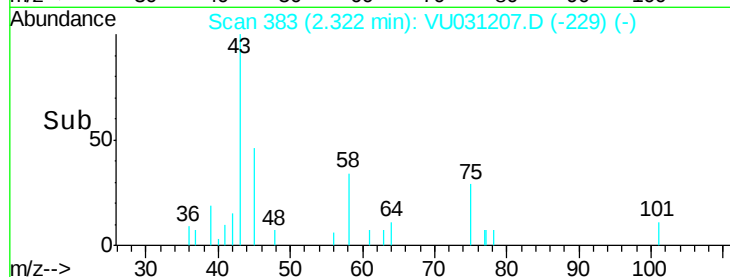
500

200

0

Time-->

2.25 2.30 2.35



#15

Methylene Chloride

Concen: 0.237 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Tgt Ion: 84 Resp: 3658

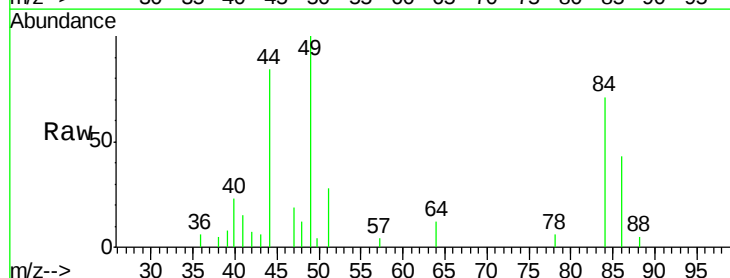
Ion Ratio Lower Upper

84 100

49 140.3 106.1 159.1

51 33.9 0.0 84.2

86 60.8 50.5 75.7



Abundance Ion 84.00 (83.70 to 84.70): VU031207.D (-344) (-)

Ion 49.00 (48.70 to 49.70): VU031207.D (-344) (-)

Ion 51.00 (50.70 to 51.70): VU031207.D (-344) (-)

Ion 86.00 (85.70 to 86.70): VU031207.D (-344) (-)

2.70

4000

3000

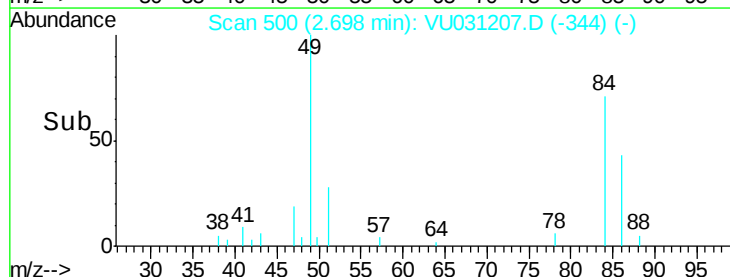
2000

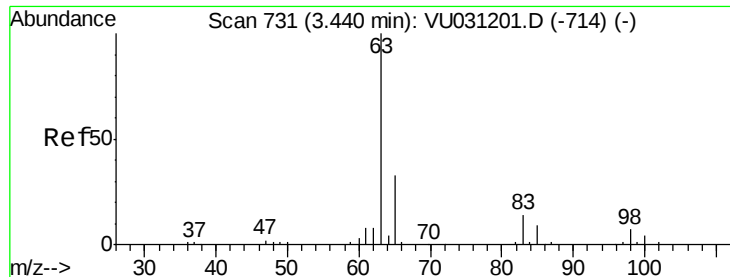
1000

0

Time-->

2.65 2.70 2.75

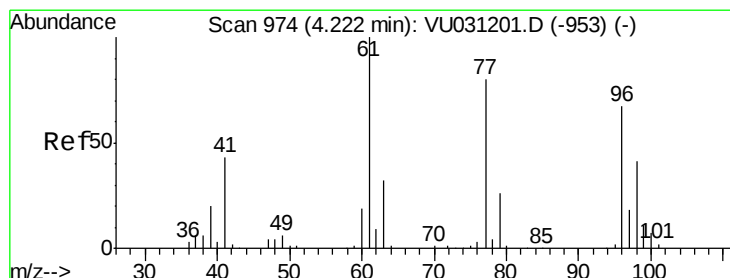
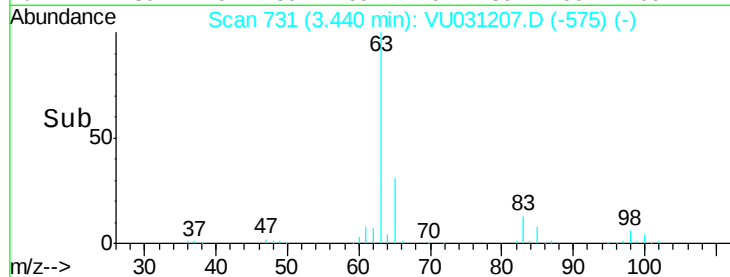
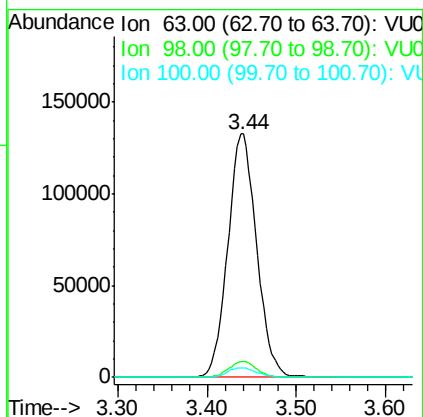
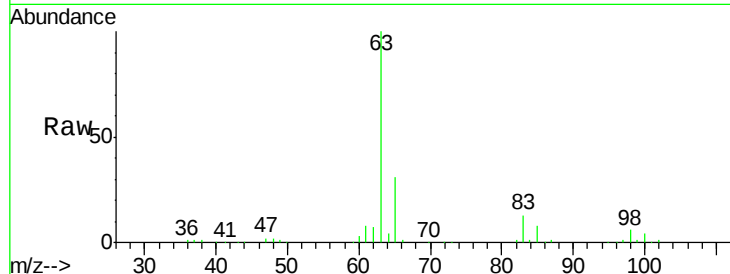




#17
 1,1-Dichloroethane
 Concen: 14.153 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

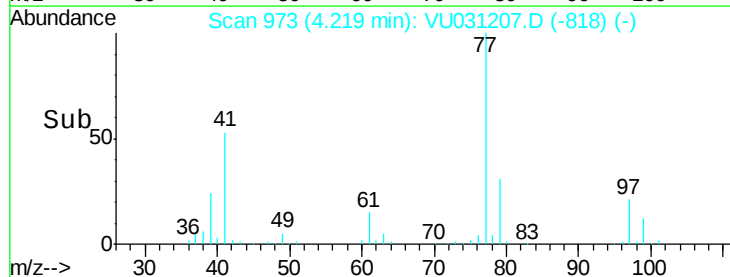
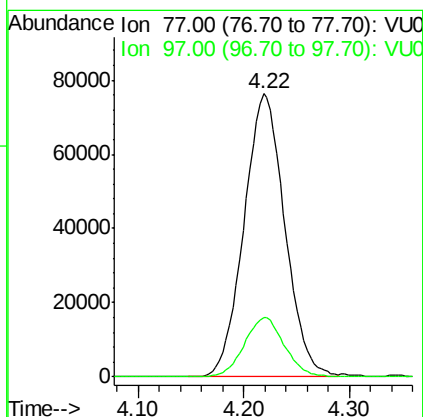
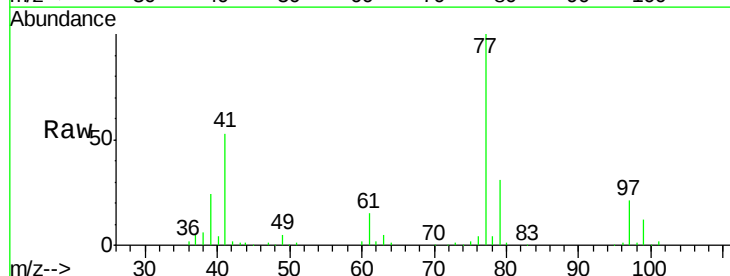
Instrument :
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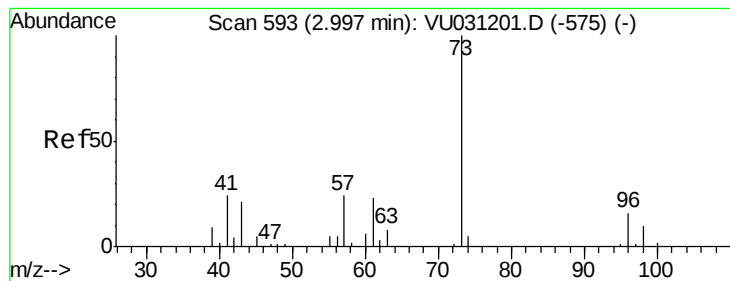
Tot Ion	63	Resp	296314
Ion Ratio	100		
Lower	3.3		
Upper	9.8		
63	100		
98	6.5		
100	3.9		



#21
 2,2-Dichloropropane
 Concen: 12.675 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Tgt Ion	77	Resp	205693
Ion Ratio	100		
Lower	18.2		
Upper	27.2		
77	100		
97	20.6		



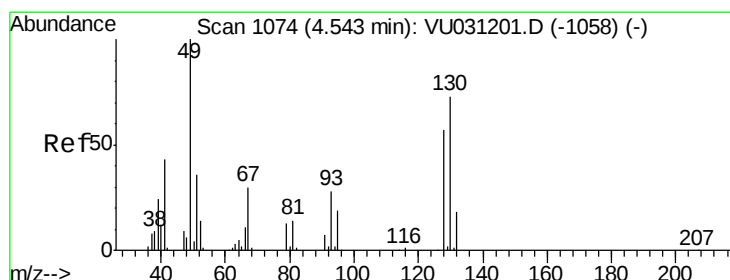
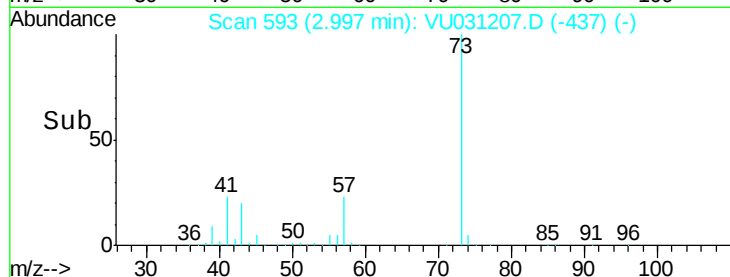
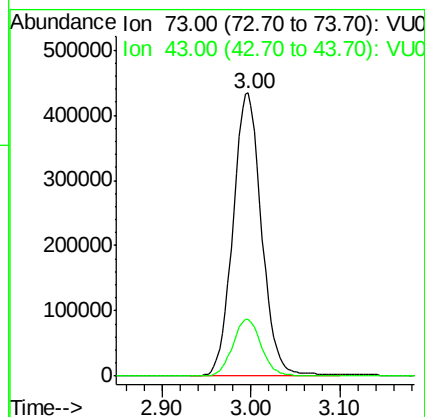
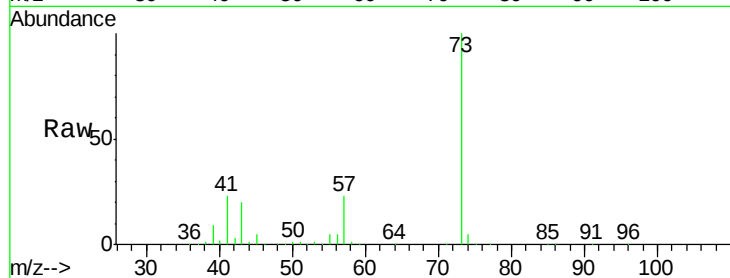


#25

Methvl tert-Butvl Ether
 Concen: 27.614 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Instrument :
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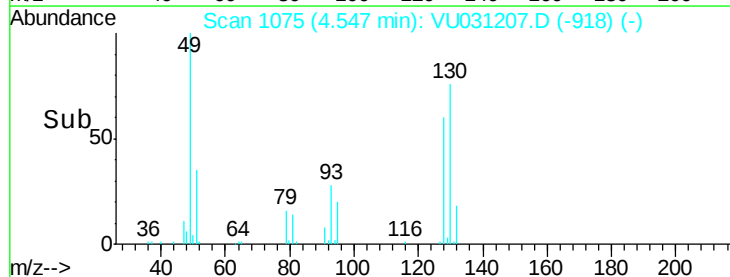
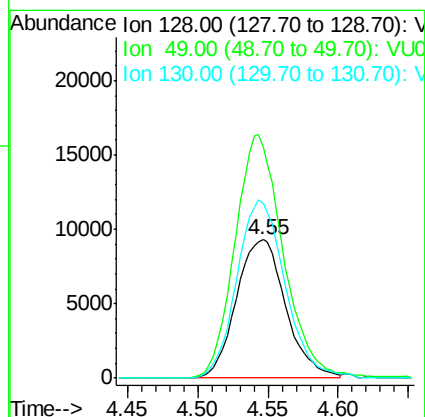
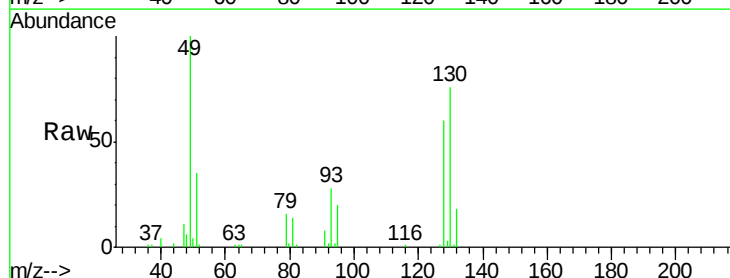
Tot Ion: 73 Resp: 964380
 Ion Ratio Lower Upper
 73 100
 43 20.2 16.2 24.4

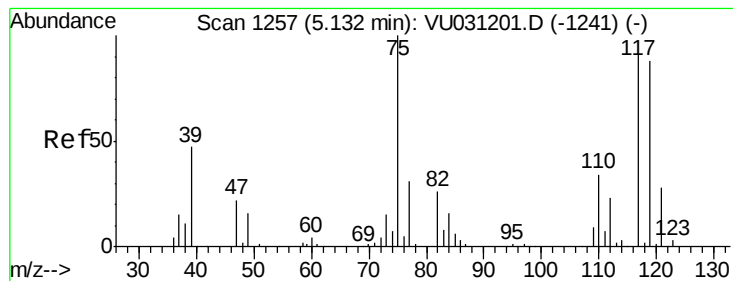


#26

Bromochloromethane
 Concen: 4.338 ug/l
 RT: 4.55 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Tgt Ion: 128 Resp: 22793
 Ion Ratio Lower Upper
 128 100
 49 171.6 0.0 345.8
 130 126.1 103.4 155.2





#29

1,1-Dichloropropene

Concen: 11.051 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

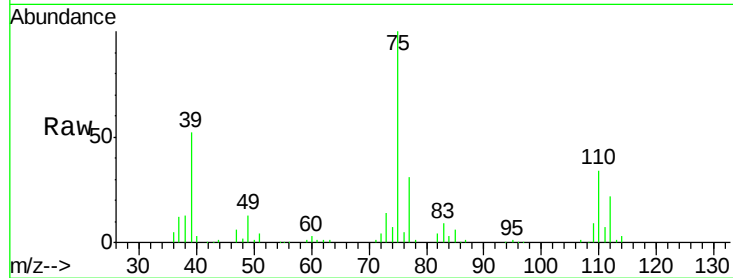
Tot Ion: 75 Resp: 163175

Ion Ratio Lower Upper

75 100

110 34.5 17.2 51.5

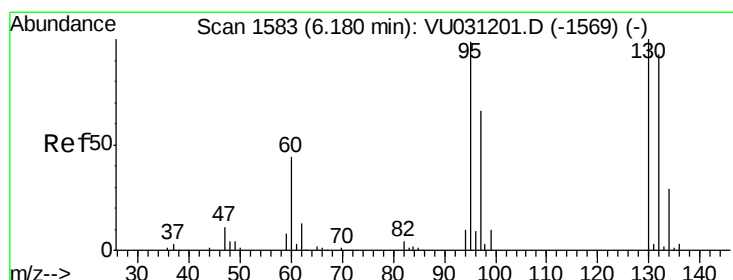
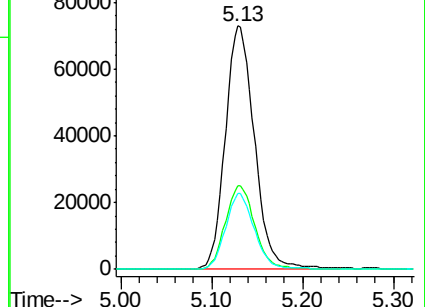
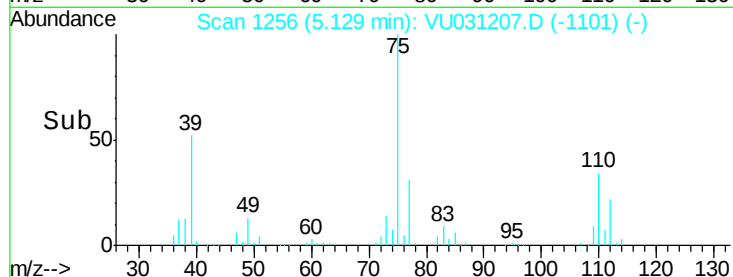
77 30.8 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU031207.D (-1101) (-)

Ion 110.00 (109.70 to 110.70): VU031207.D (-1101) (-)

Ion 77.00 (76.70 to 77.70): VU031207.D (-1101) (-)



#37

Trichloroethene

Concen: 0.372 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031207.D

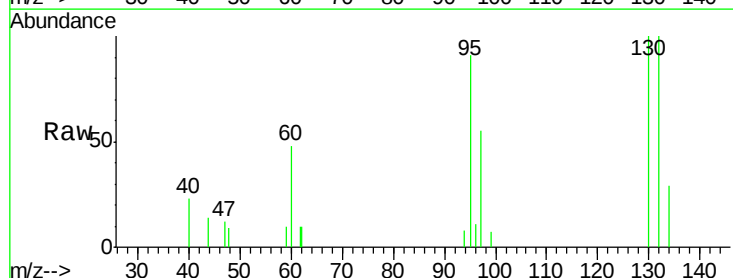
Acq: 16 Apr 2019 11:05

Tgt Ion:130 Resp: 4584

Ion Ratio Lower Upper

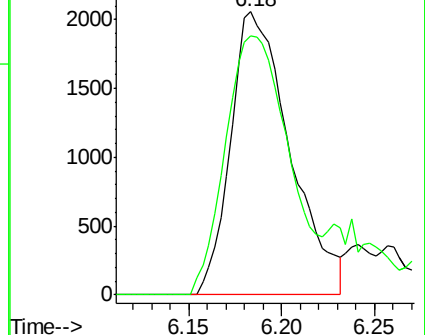
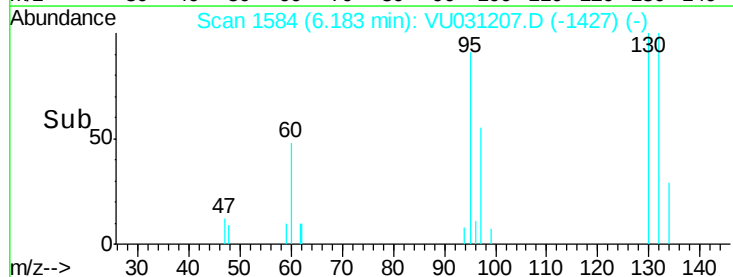
130 100

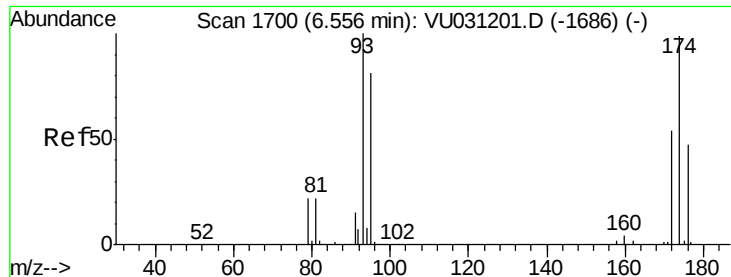
95 91.4 79.3 118.9



Abundance Ion 129.90 (129.60 to 130.60): VU031207.D (-1427) (-)

Ion 94.90 (94.60 to 95.60): VU031207.D (-1427) (-)

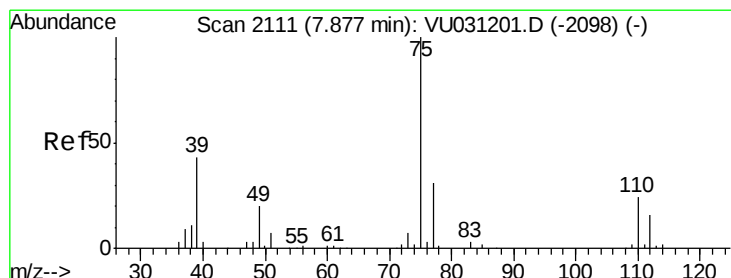
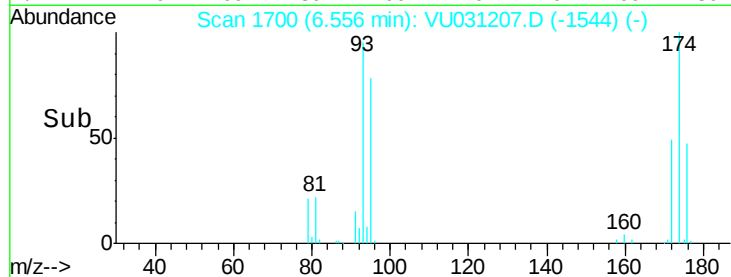
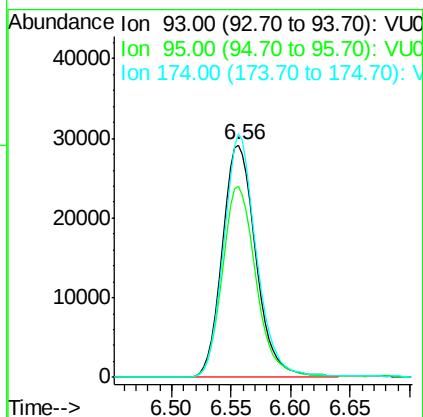
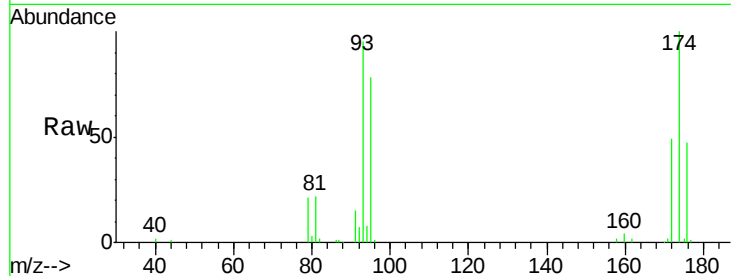




#43
Dibromomethane
Concen: 9.097 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

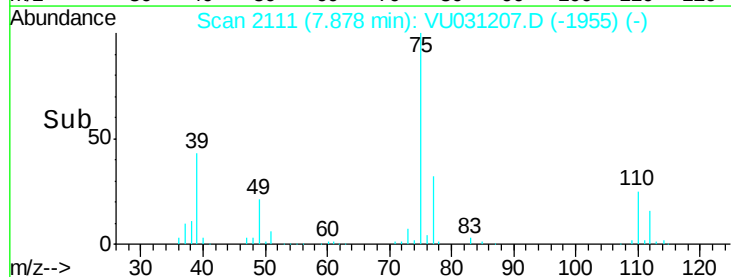
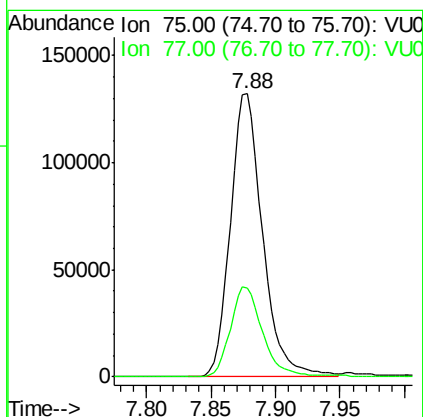
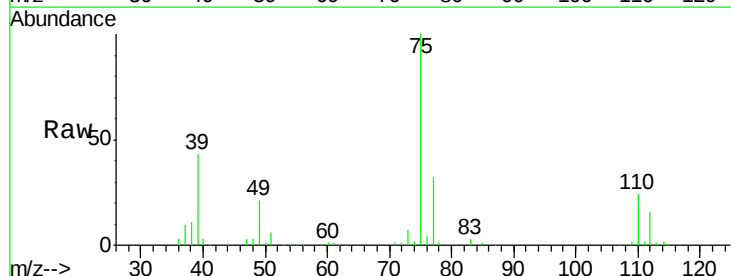
Instrument :
MSVOA_U
ClientSampleId :
38023-122917

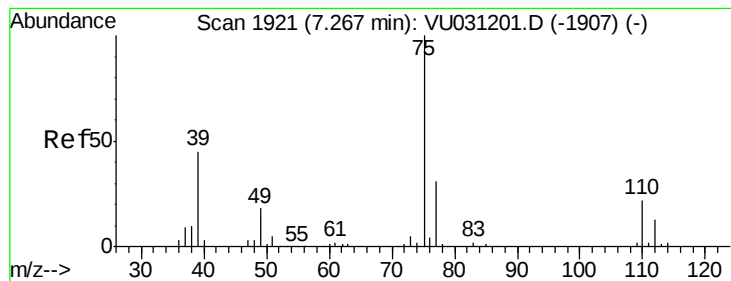
Tot Ion: 93 Resp: 57280
Ion Ratio Lower Upper
93 100
95 82.3 67.4 101.0
174 101.5 79.1 118.7



#50
t-1,3-Dichloropropene
Concen: 17.749 ug/l
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

Tgt Ion: 75 Resp: 229645
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0



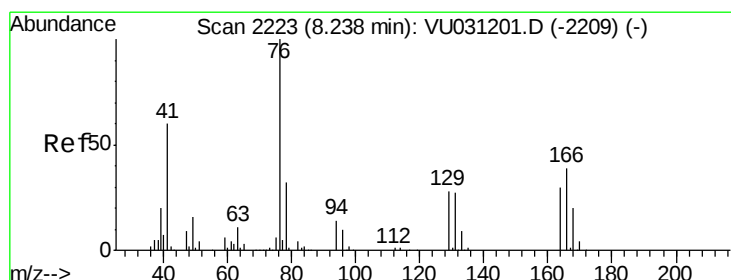
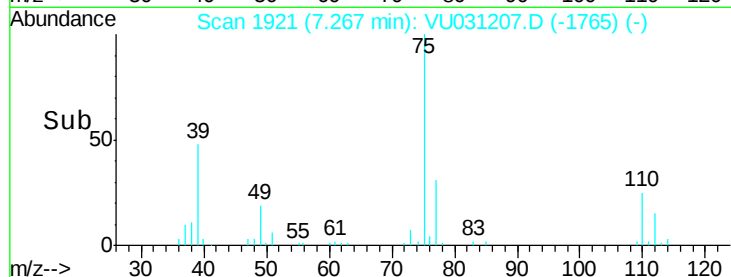
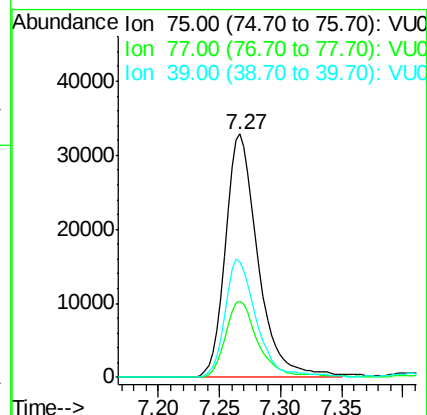
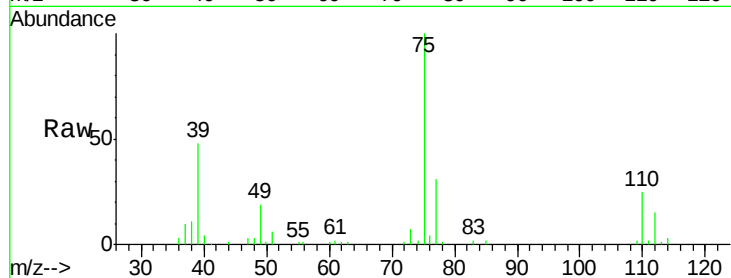


#51

cis-1,3-Dichloropropene
 Concen: 4.022 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

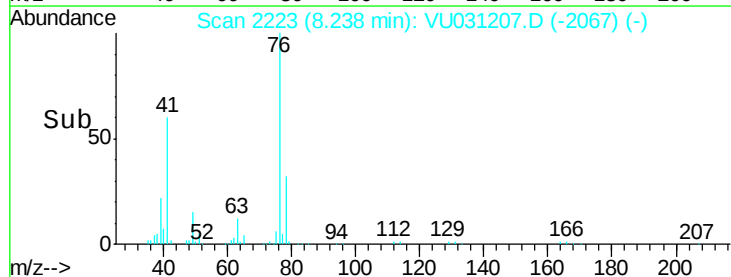
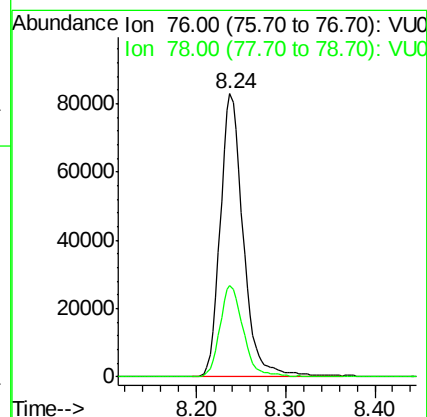
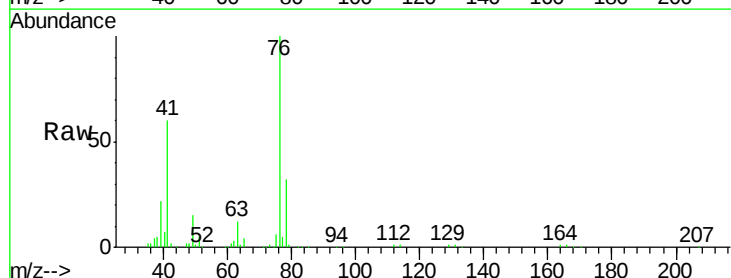
Tot Ion: 75 Resp: 61518
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 37.0
 39 47.6 36.1 54.1

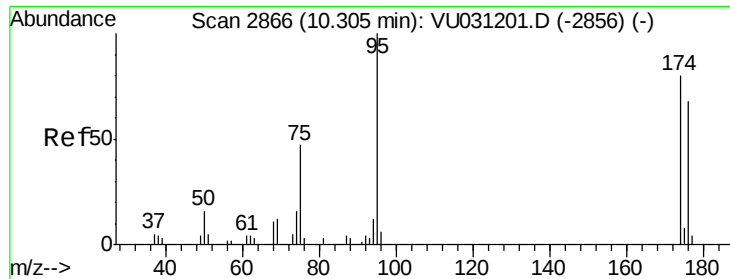


#53

1,3-Dichloropropane
 Concen: 10.310 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Tgt Ion: 76 Resp: 148699
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.3 37.9





#57

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

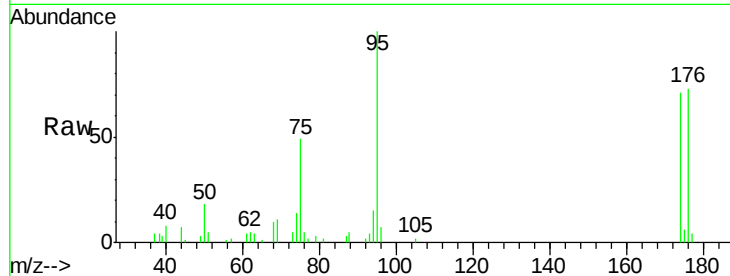
Tot Ion: 95 Resp: 14956

Ion Ratio Lower Upper

95 100

174 77.9 64.2 96.2

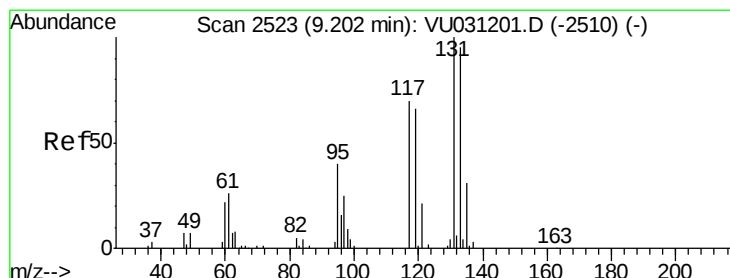
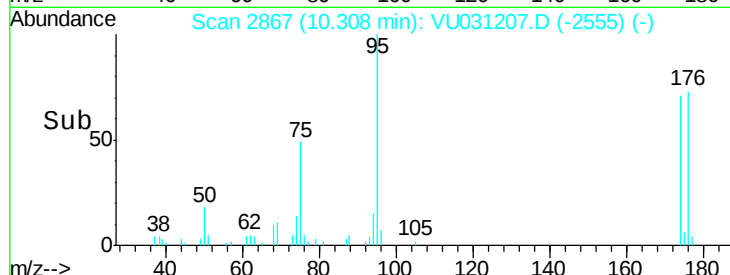
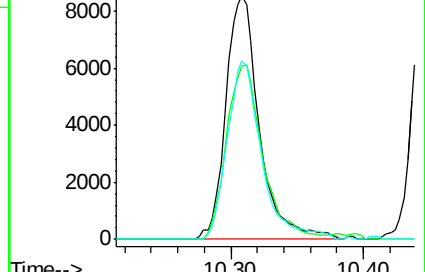
176 75.3 58.0 87.0



Abundance Ion 95.00 (94.70 to 95.70): VU031201.D (-2856) (-)

Ion 174.00 (173.70 to 174.70): VU031201.D (-2856) (-)

Ion 176.00 (175.70 to 176.70): VU031201.D (-2856) (-)



#60

1,1,1,2-Tetrachloroethane

Concen: 7.312 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

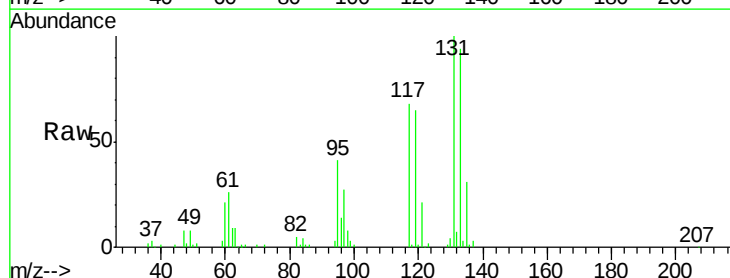
Tgt Ion: 131 Resp: 73416

Ion Ratio Lower Upper

131 100

133 94.9 77.2 115.8

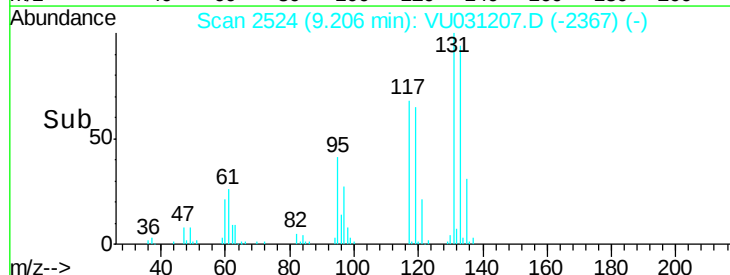
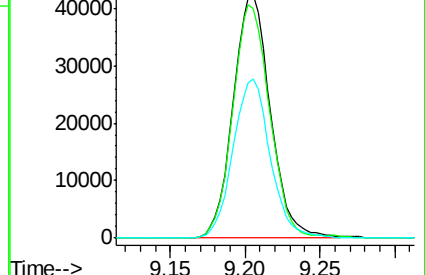
119 65.3 51.4 77.2

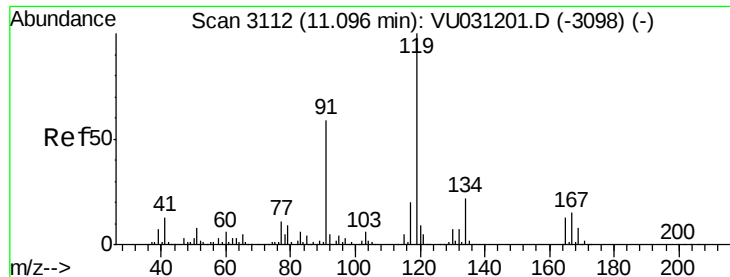


Abundance Ion 131.00 (130.70 to 131.70): VU031201.D (-2510) (-)

Ion 133.00 (132.70 to 133.70): VU031201.D (-2510) (-)

Ion 119.00 (118.70 to 119.70): VU031201.D (-2510) (-)

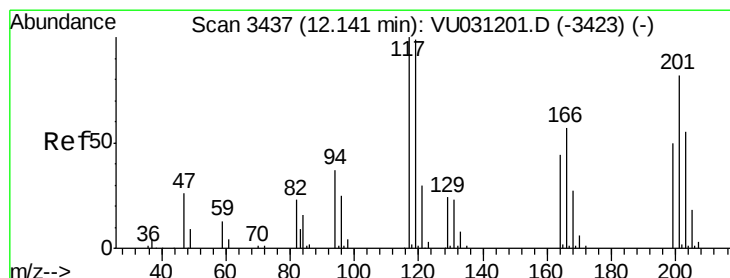
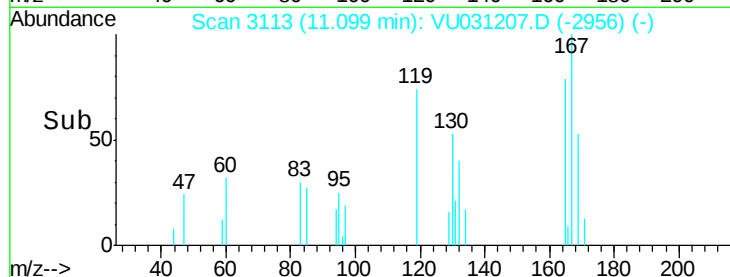
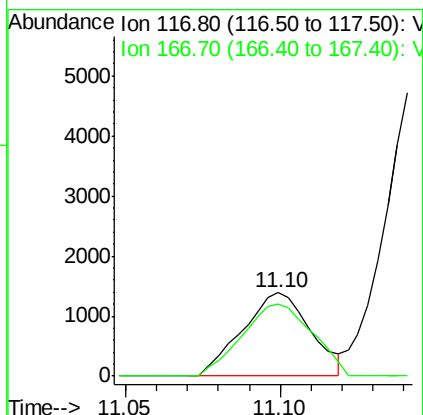
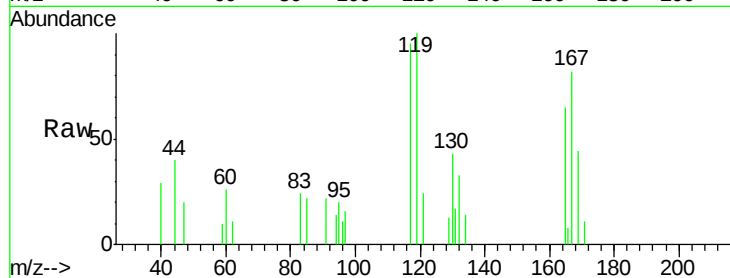




#61
 Pentachloroethane
 Concen: 0.272 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

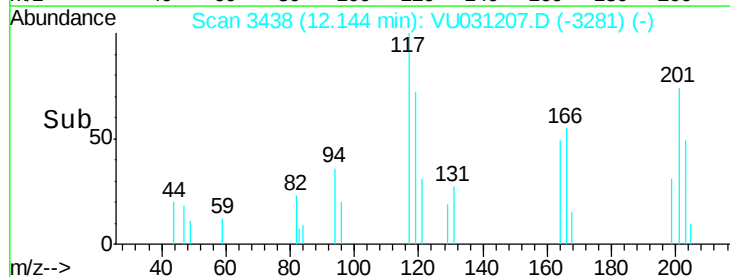
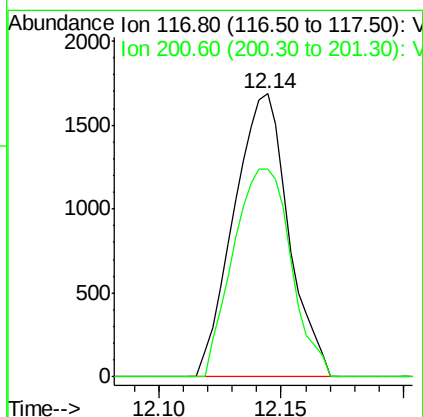
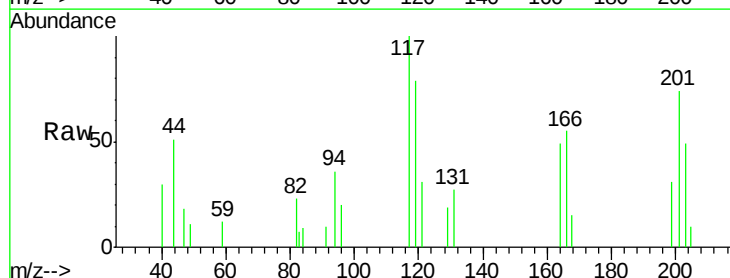
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

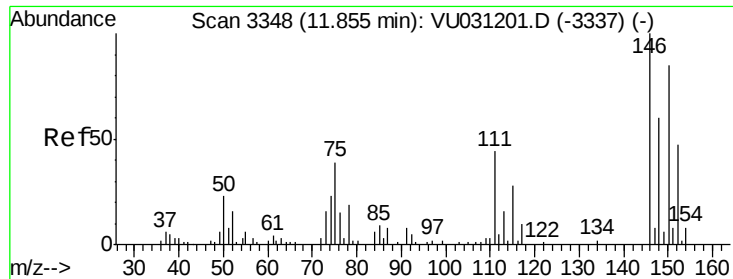
Tot Ion:117 Resp: 2122
 Ion Ratio Lower Upper
 117 100
 167 88.8 63.1 94.7



#62
 Hexachloroethane
 Concen: 0.347 ug/l
 RT: 12.14 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Tgt Ion:117 Resp: 2621
 Ion Ratio Lower Upper
 117 100
 201 77.8 63.9 95.9





#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

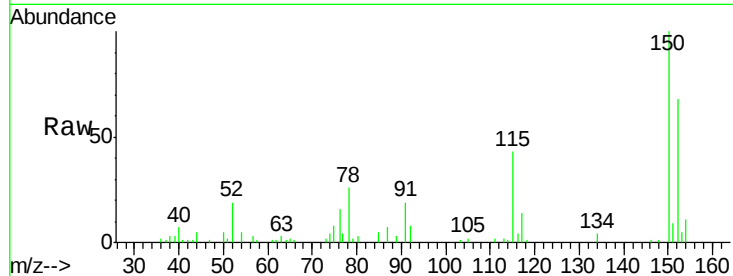
Tot Ion:152 Resp: 14386

Ion Ratio Lower Upper

152 100

115 58.7 0.0 130.0

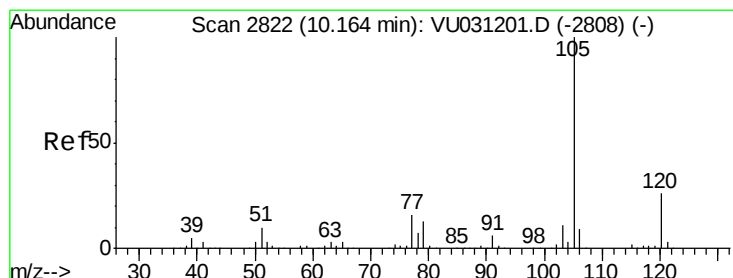
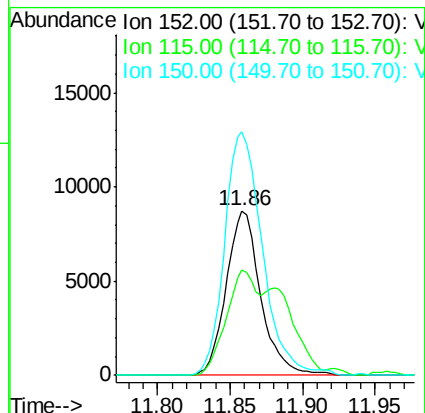
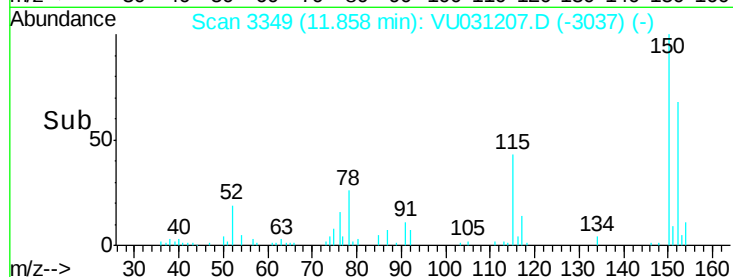
150 162.5 0.0 639.0



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: 7.898 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031207.D

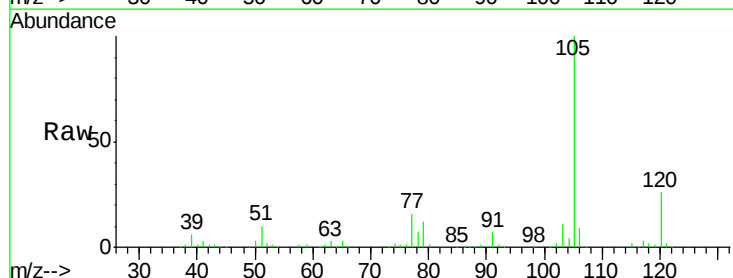
Acq: 16 Apr 2019 11:05

Tgt Ion:105 Resp: 329778

Ion Ratio Lower Upper

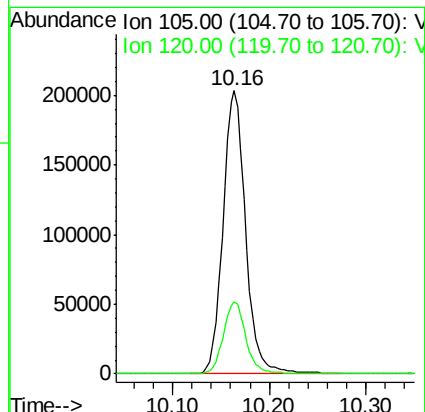
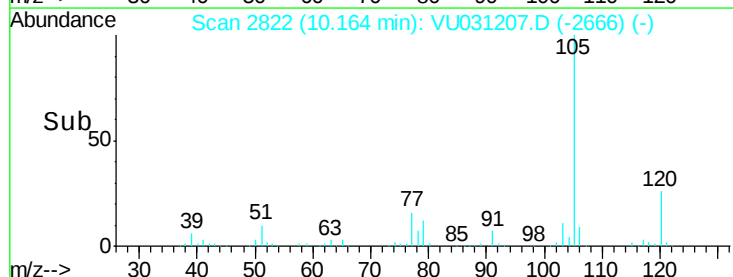
105 100

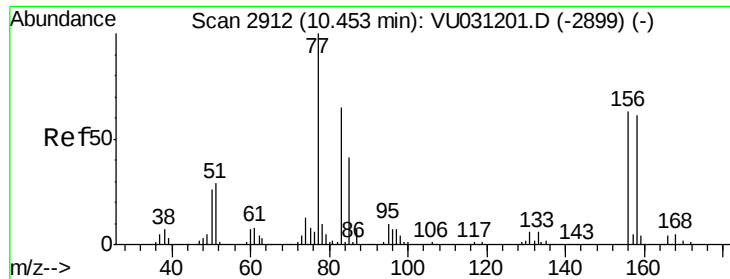
120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#70

1,1,2,2-Tetrachloroethane

Concen: 14.853 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

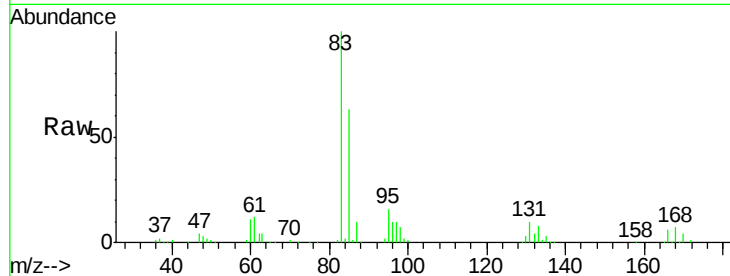
Tot Ion: 83 Resp: 163672

Ion Ratio Lower Upper

83 100

131 9.1 8.0 12.0

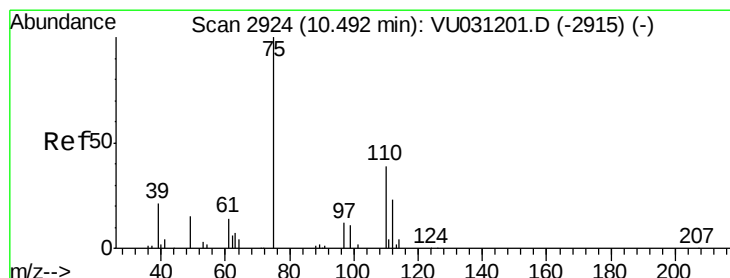
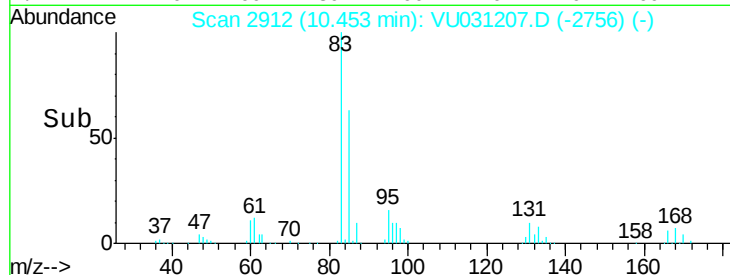
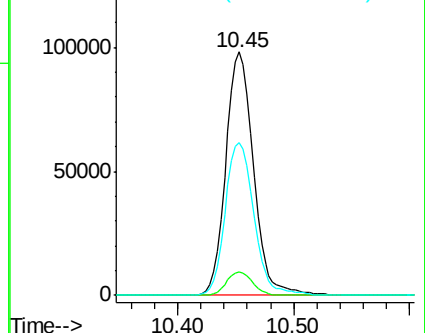
85 65.0 51.3 76.9



Abundance Ion 83.00 (82.70 to 83.70): VU031207.D (-2756) (-)

Ion 131.00 (130.70 to 131.70): VU031207.D (-2756) (-)

Ion 85.00 (84.70 to 85.70): VU031207.D (-2756) (-)



#71

1,2,3-Trichloropropane

Concen: 15.579 ug/l

RT: 10.49 min Scan# 2923

Delta R.T. -0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Tgt Ion: 75 Resp: 124130

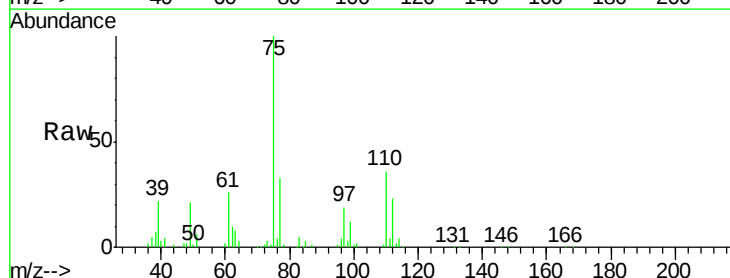
Ion Ratio Lower Upper

75 100

77 32.8 0.0 0.0#

110 35.4 0.0 71.0

97 19.3 0.0 40.4

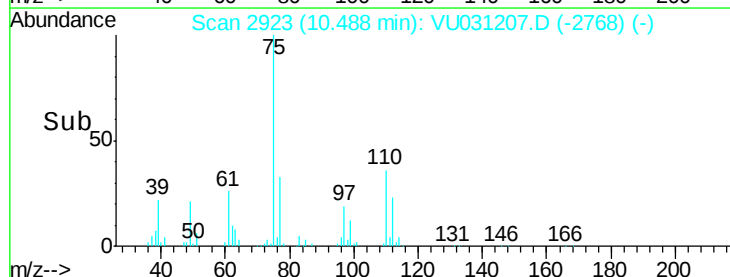
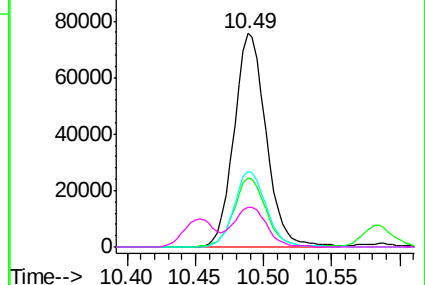


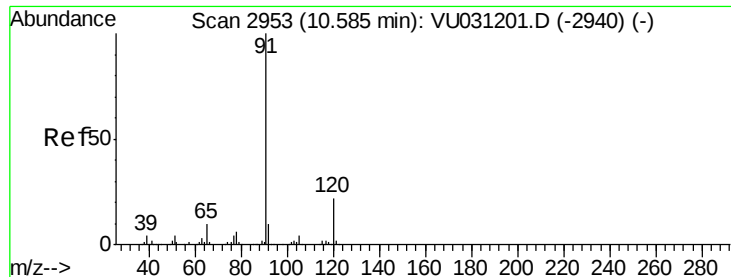
Abundance Ion 75.00 (74.70 to 75.70): VU031207.D (-2768) (-)

Ion 77.00 (76.70 to 77.70): VU031207.D (-2768) (-)

Ion 110.00 (109.70 to 110.70): VU031207.D (-2768) (-)

Ion 97.00 (96.70 to 97.70): VU031207.D (-2768) (-)





#73

n-propylbenzene

Concen: 5.170 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

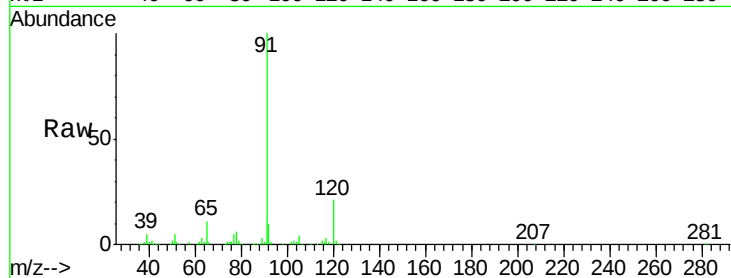
38023-122917

Tot Ion:120 Resp: 57646

Ion Ratio Lower Upper

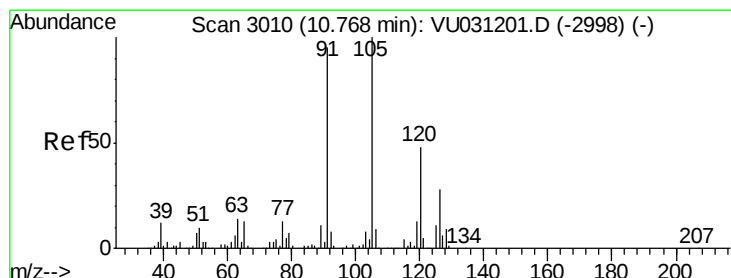
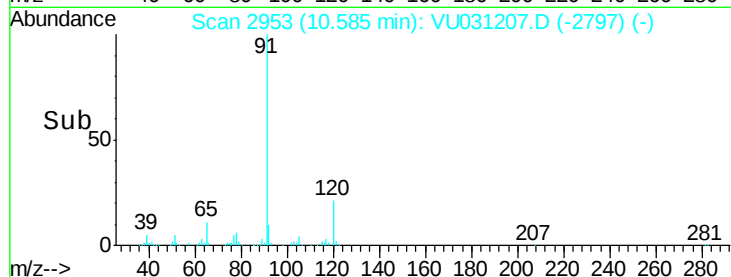
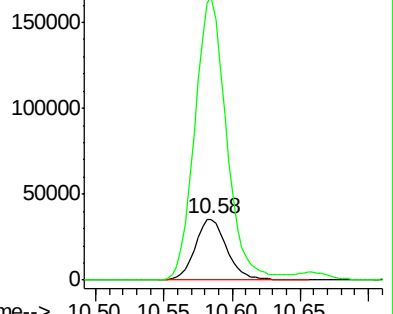
120 100

91 461.5 364.9 547.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#76

4-Chlorotoluene

Concen: 12.378 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031207.D

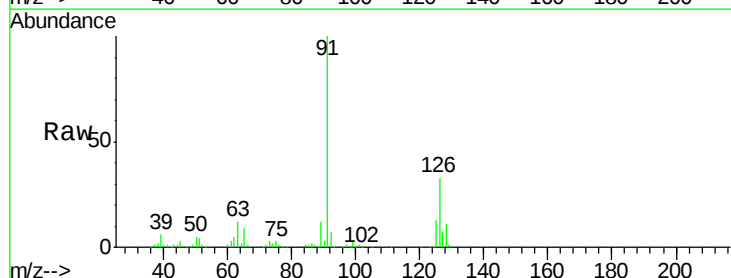
Acq: 16 Apr 2019 11:05

Tgt Ion:126 Resp: 128221

Ion Ratio Lower Upper

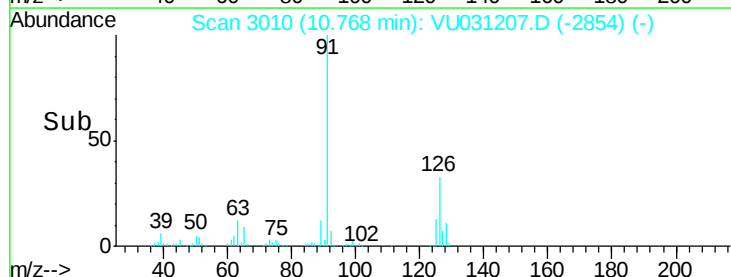
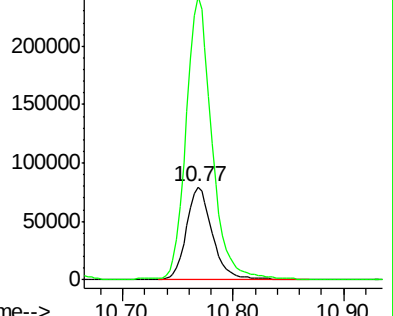
126 100

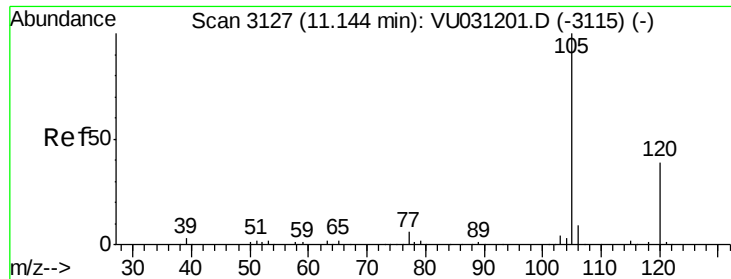
91 305.7 0.0 683.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

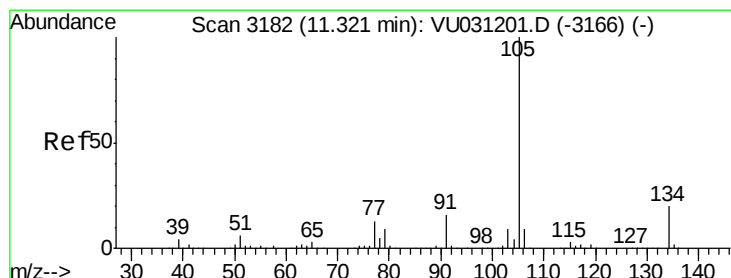
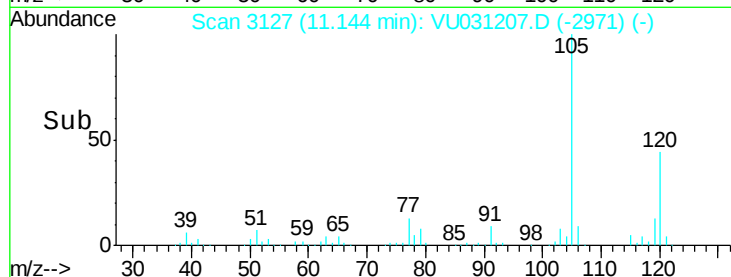
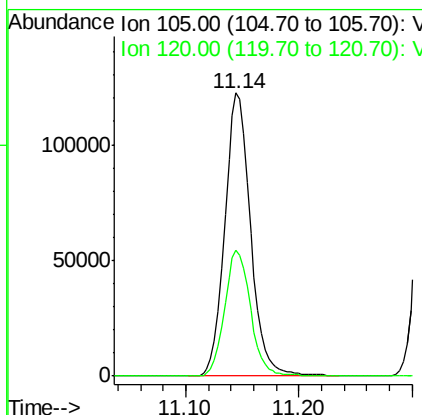
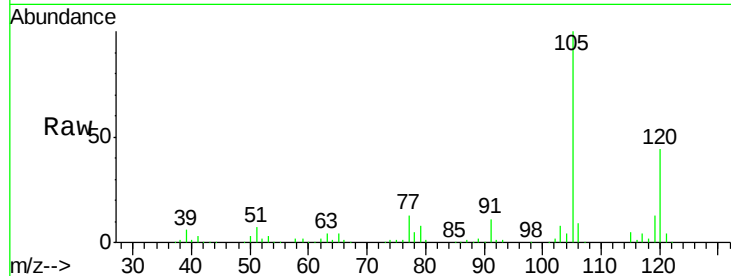




#78
 1,2,4-Trimethylbenzene
 Concen: 5.447 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

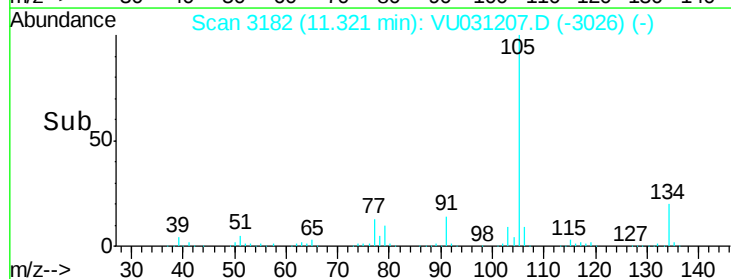
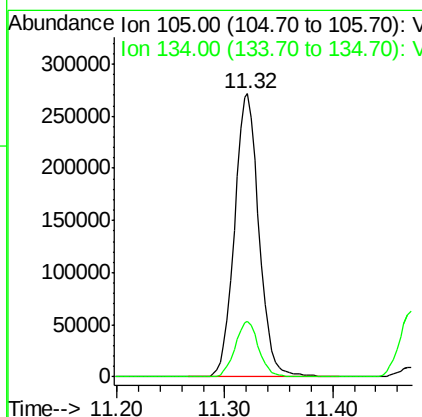
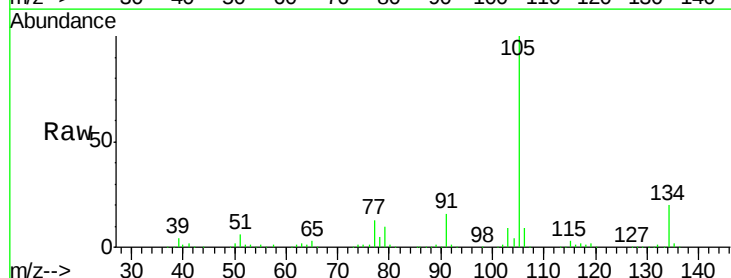
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

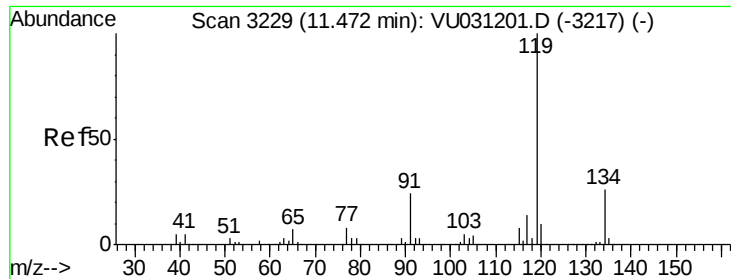
Tot Ion:105 Resp: 194039
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.0



#79
 sec-Butylbenzene
 Concen: 9.203 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Tgt Ion:105 Resp: 428115
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.5 23.3

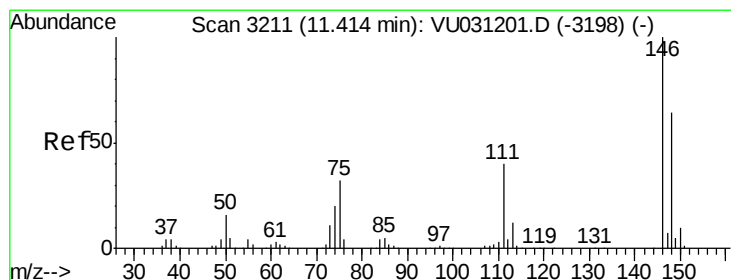
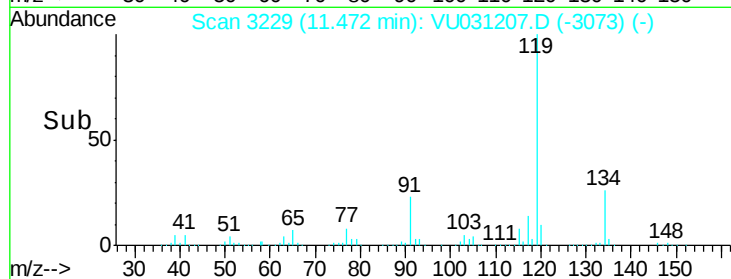
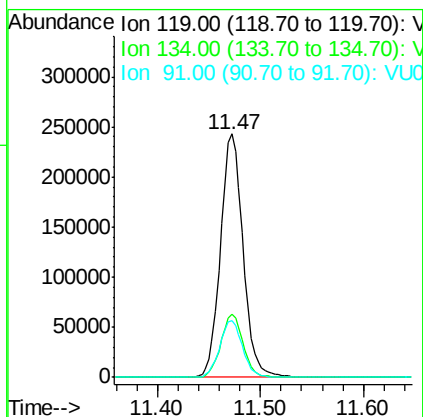
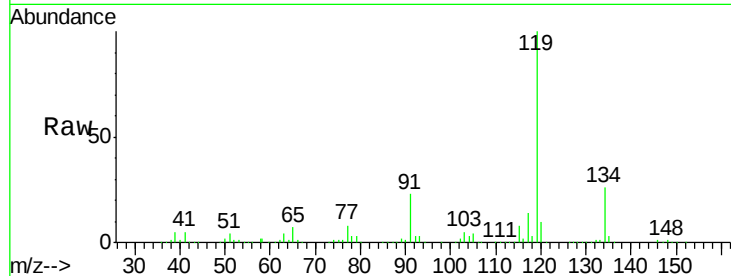




#81
 p-Isopropyltoluene
 Concen: 9.852 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

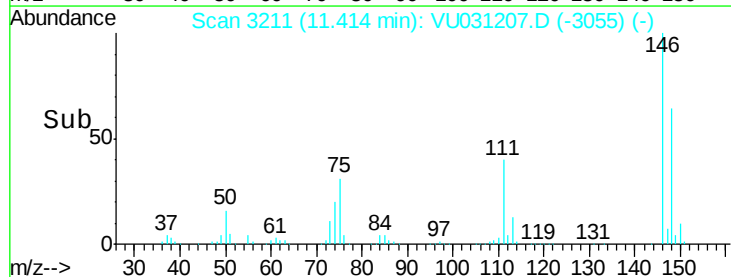
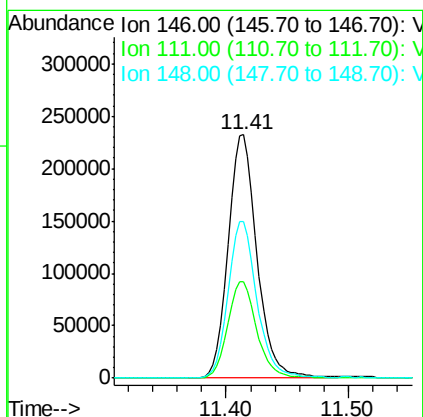
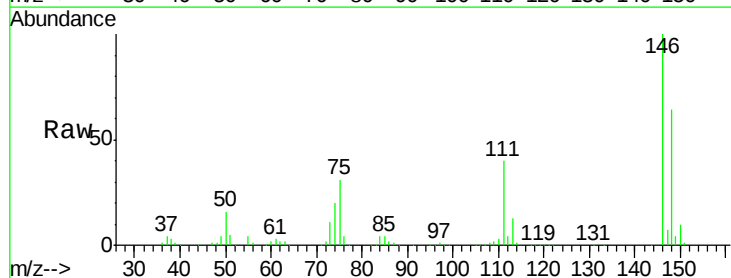
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

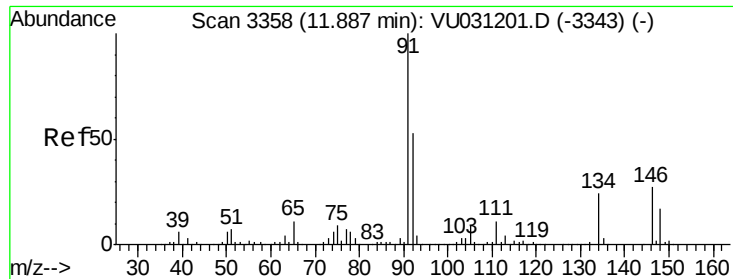
Tot Ion:119 Resp: 368142
 Ion Ratio Lower Upper
 119 100
 134 25.9 21.0 31.4
 91 23.5 19.4 29.2



#82
 1,3-Dichlorobenzene
 Concen: 17.671 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Tgt Ion:146 Resp: 385619
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.4 48.6
 148 64.3 50.8 76.2





#84

n-Butylbenzene

Concen: 6.681 ug/l

RT: 11.89 min Scan# 3358

Delta R.T. 0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

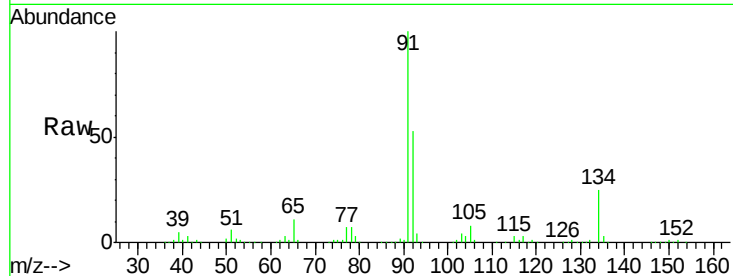
Tot Ion: 91 Resp: 241256

Ion Ratio Lower Upper

91 100

92 52.2 42.6 63.8

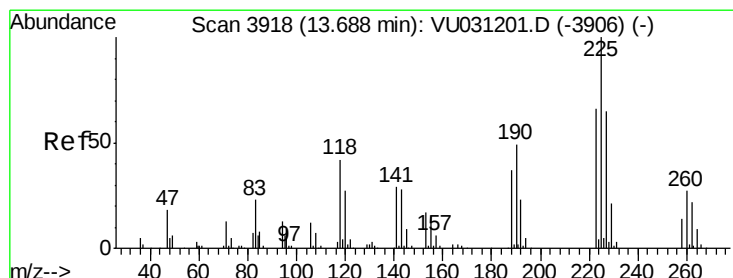
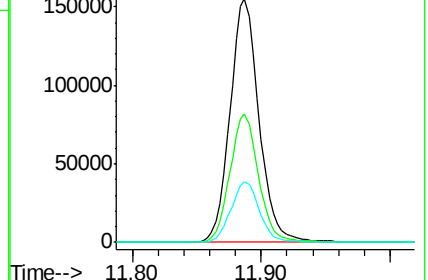
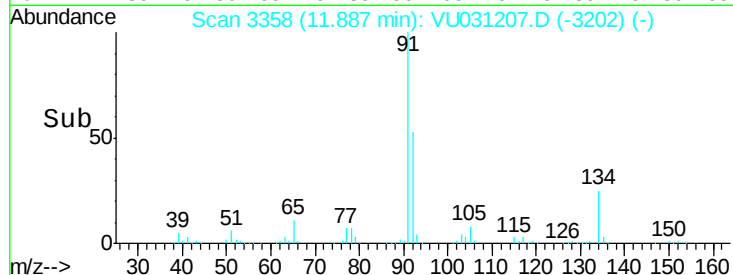
134 24.6 19.1 28.7



Abundance Ion 91.00 (90.70 to 91.70): VU031207.D (-3202) (-)

Ion 92.00 (91.70 to 92.70): VU031207.D (-3202) (-)

Ion 134.00 (133.70 to 134.70): VU031207.D (-3202) (-)



#88

Hexachlorobutadiene

Concen: 35.475 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. 0.00 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

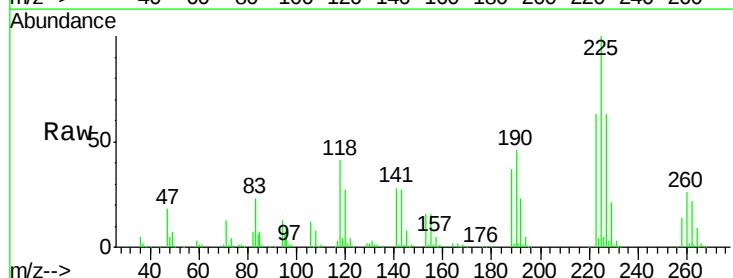
Tgt Ion: 225 Resp: 296361

Ion Ratio Lower Upper

225 100

223 62.6 51.4 77.2

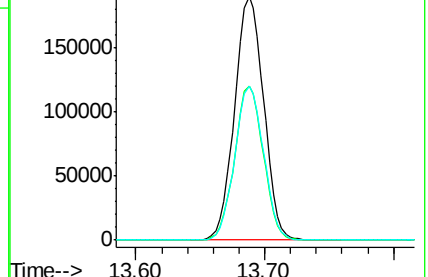
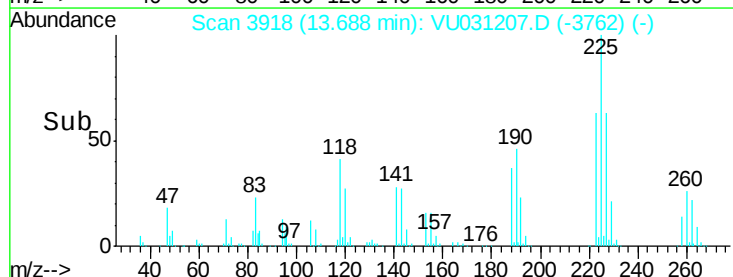
227 62.9 51.2 76.8

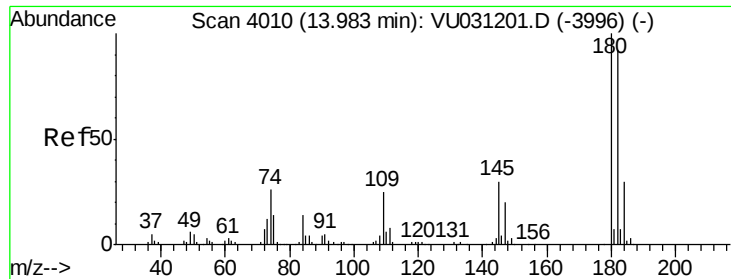


Abundance Ion 224.60 (224.30 to 225.30): VU031207.D (-3762) (-)

Ion 222.60 (222.30 to 223.30): VU031207.D (-3762) (-)

Ion 226.60 (226.30 to 227.30): VU031207.D (-3762) (-)

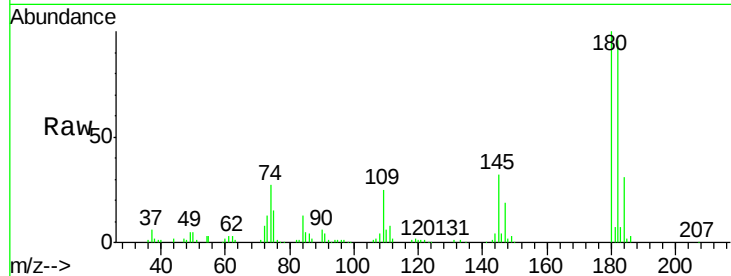




#90
 1,2,3-Trichlorobenzene
 Concen: 8.259 ug/l
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.4	114.6
145	30.3	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

