

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 03:01:36 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

						Qvalue
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
12) Acrylonitrile	2.99	53	9995	2.852	ug/l #	22
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
24) tert-Butyl Alcohol	2.83	59	2391	2.009	ug/l #	72
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
46) t-1,4-Dichloro-2-butene	10.49	75	124130	43.844	ug/l #	20
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
74) 2-Chlorotoluene	10.77	126	128221	12.470	ug/l	100
75) 1,3,5-Trimethylbenzene	10.58	105	9504	0.269	ug/l #	1
76) 4-Chlorotoluene	10.77	126	128221	12.378	ug/l	83
77) tert-Butylbenzene	11.14	119	25866	0.748	ug/l #	64
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
80) Nitrobenzene	12.90	77	41	4.735	ug/l #	44
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
83) 1,4-Dichlorobenzene	11.41	146	385619	18.246	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
89) Naphthalene	13.75	128	1351	0.692	ug/l #	1
90) 1,2,3-Trichlorobenzene	13.98	180	103416	8.259	ug/l	99

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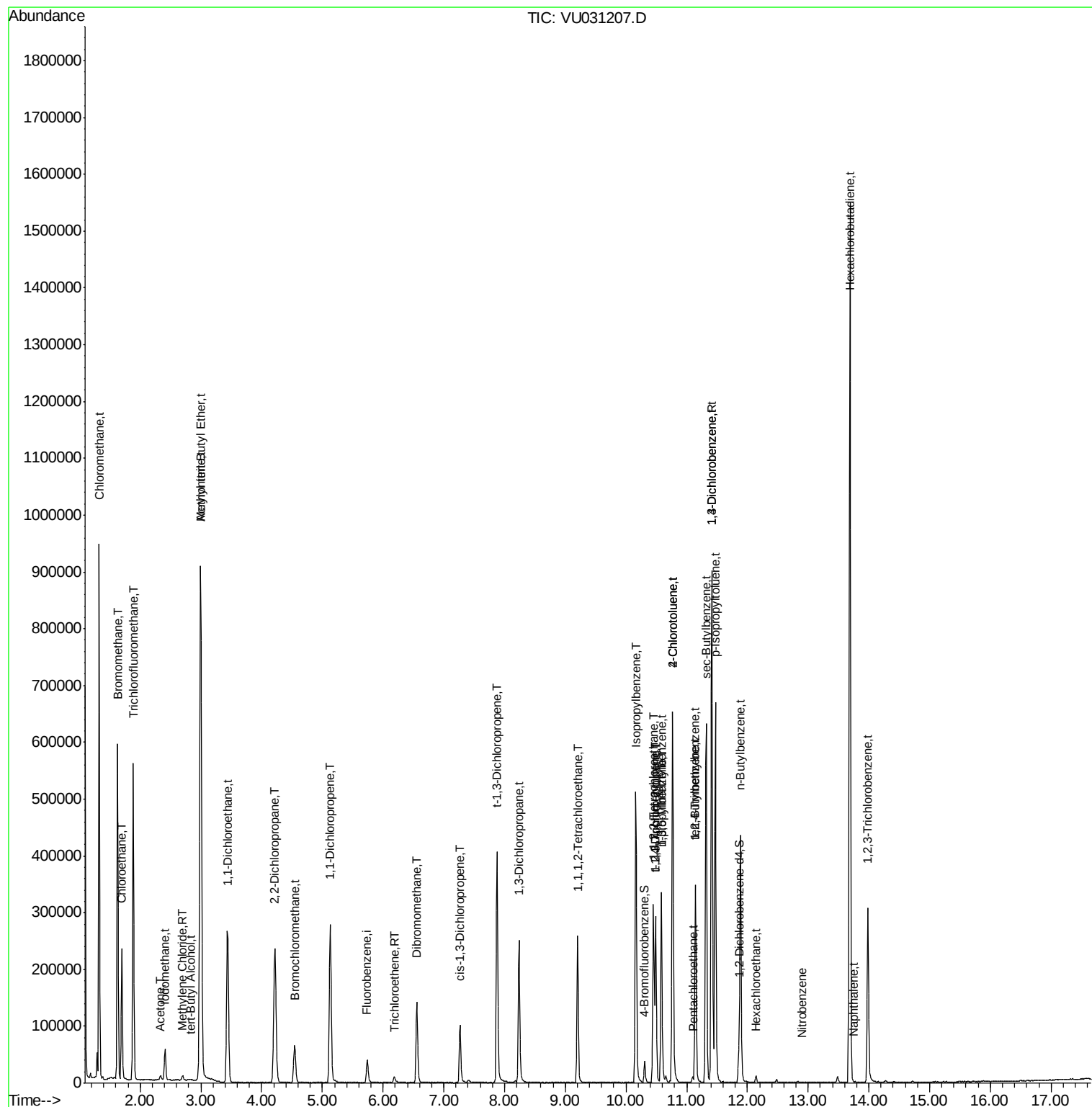
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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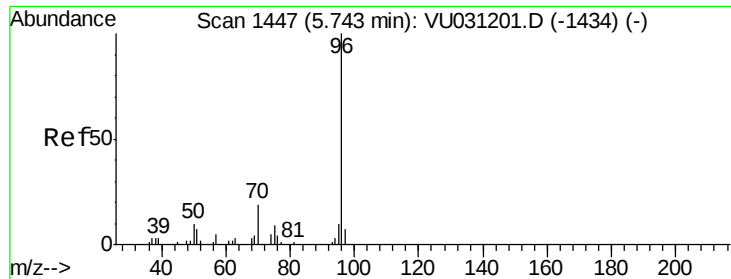
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
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#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

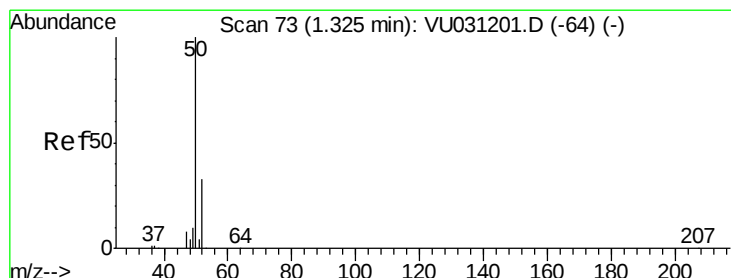
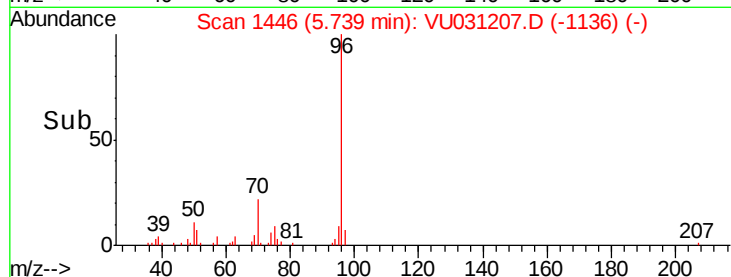
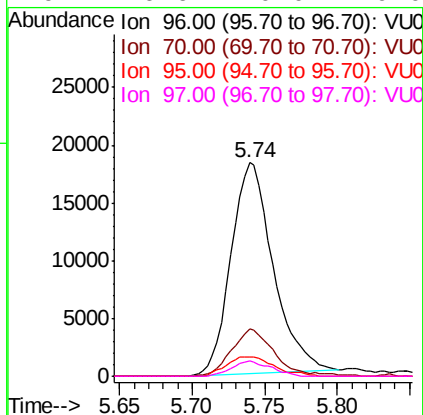
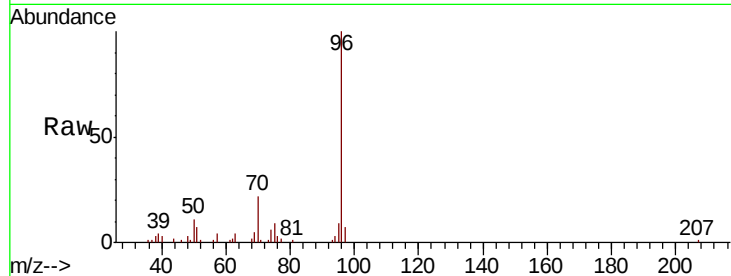
Instrument :

MSVOA_U

ClientSampleId :

38023-122917

Tgt 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

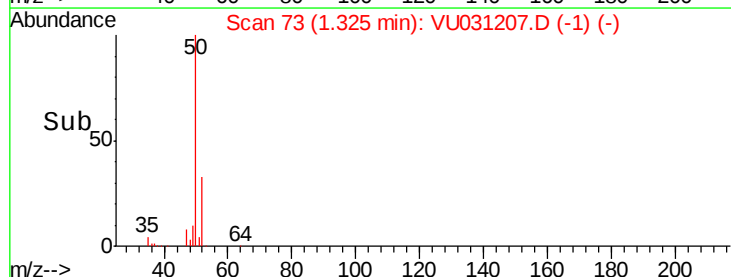
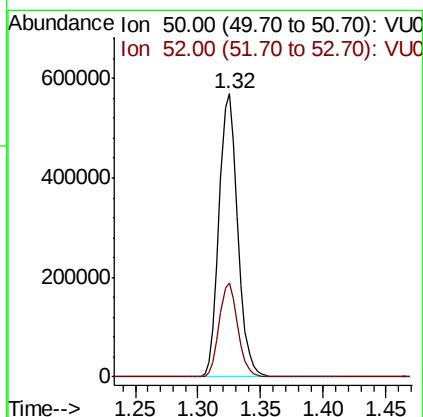
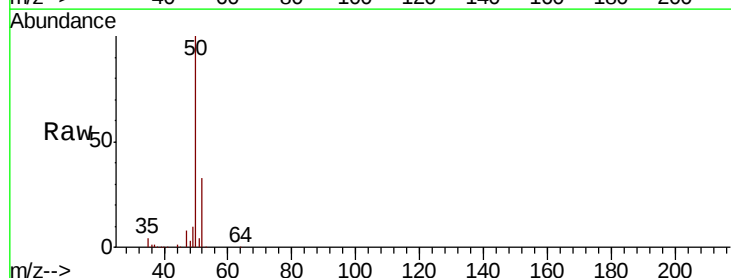
RT: 1.32 min Scan# 73

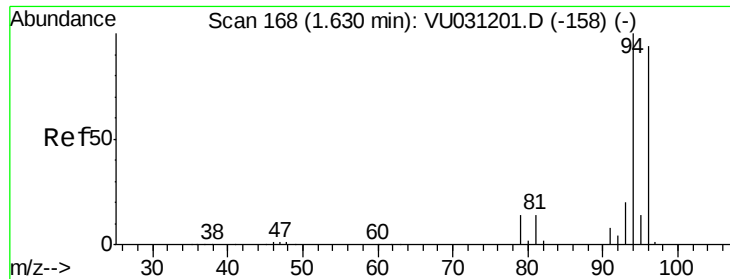
Delta R.T. 0.00 min

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

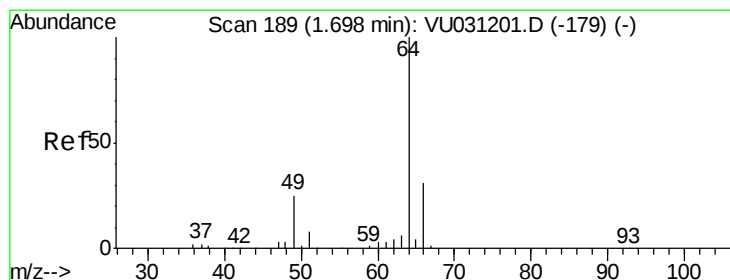
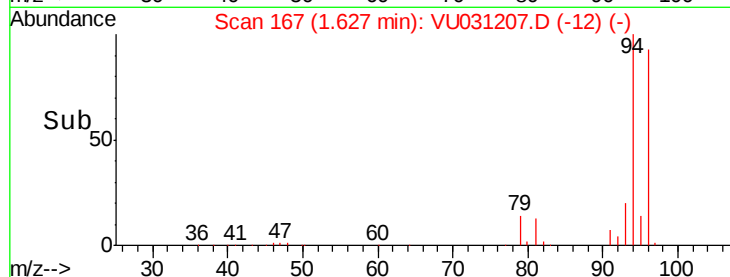
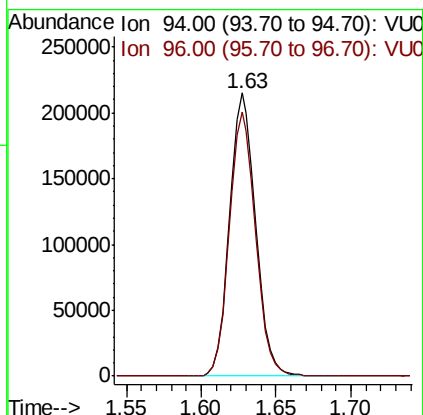
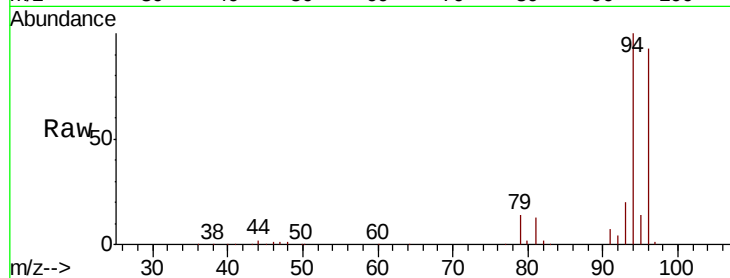




#5
Bromomethane
Concen: 26.951 ug/l
RT: 1.63 min Scan# 167
Delta R.T. -0.00 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

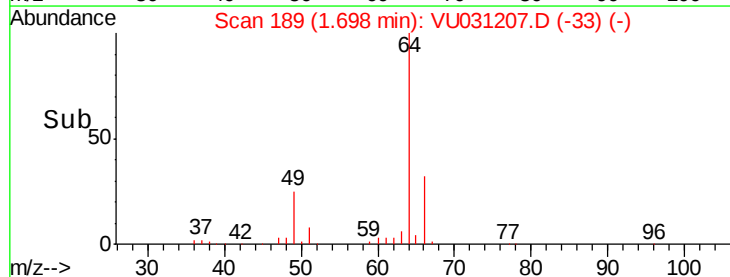
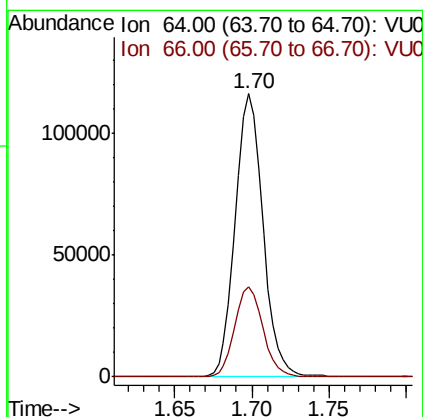
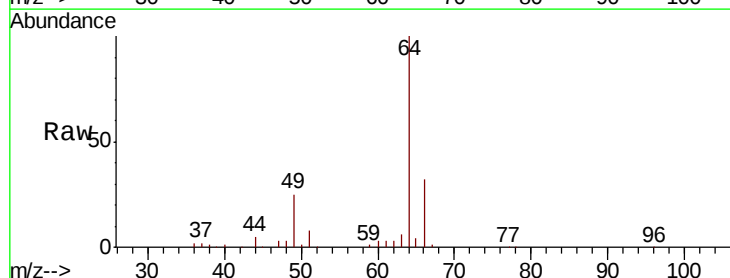
Instrument :
MSVOA_U
ClientSampleId :
38023-122917

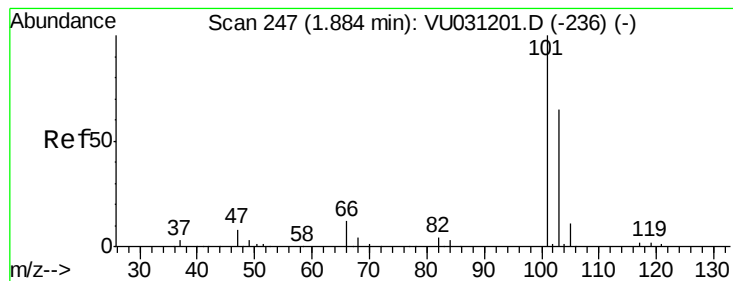
Tgt Ion: 94 Resp: 260779
Ion Ratio Lower Upper
94 100
96 93.2 75.0 112.6



#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



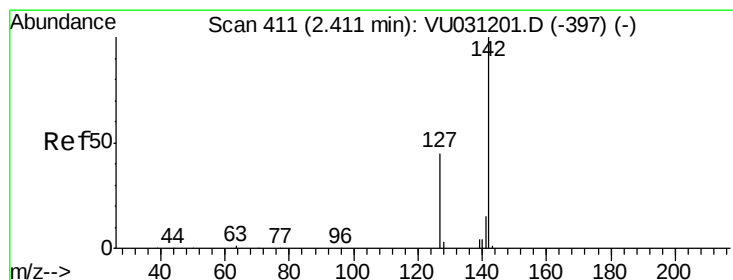
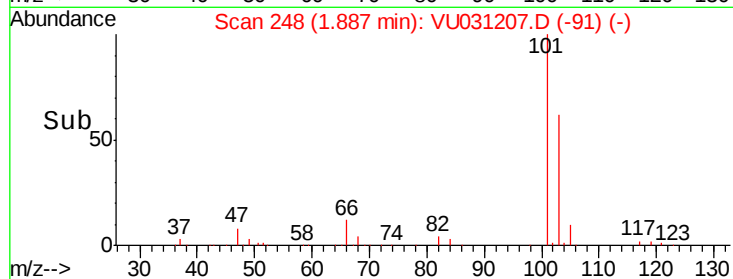
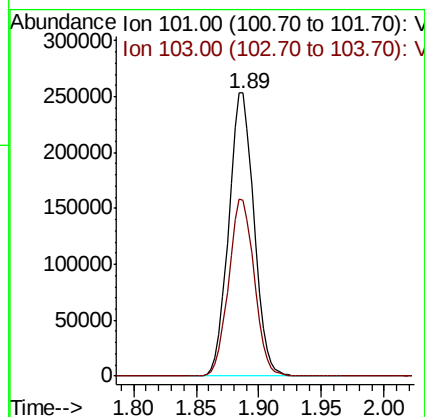
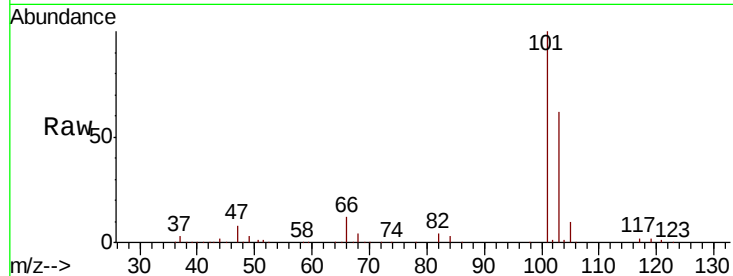


#7

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

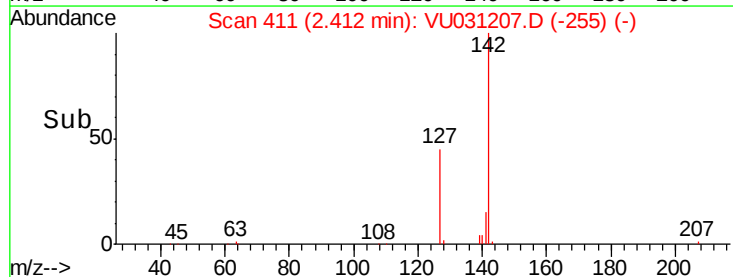
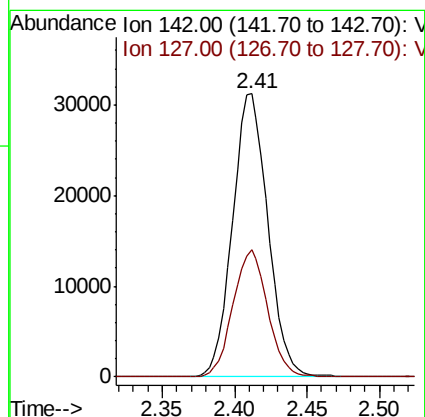
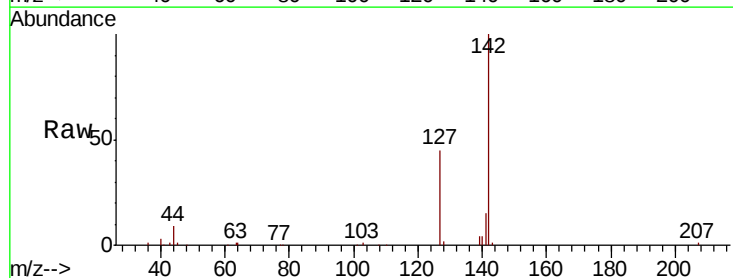
Tgt Ion:101 Resp: 353688
Ion Ratio Lower Upper
101 100
103 62.3 51.8 77.8

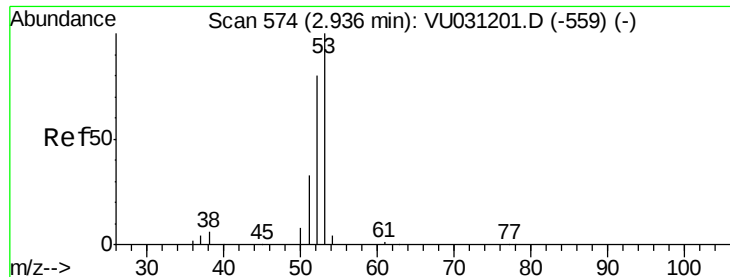


#10

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





#12

Acrylonitrile

Concen: 2.852 ug/l

RT: 2.99 min Scan# 591

Delta R.T. 0.05 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

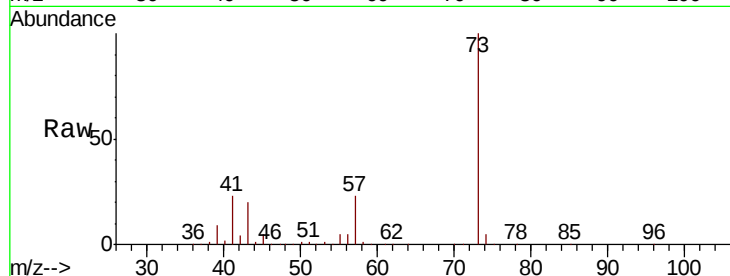
Tgt Ion: 53 Resp: 9995

Ion Ratio Lower Upper

53 100

52 14.0 67.8 101.8#

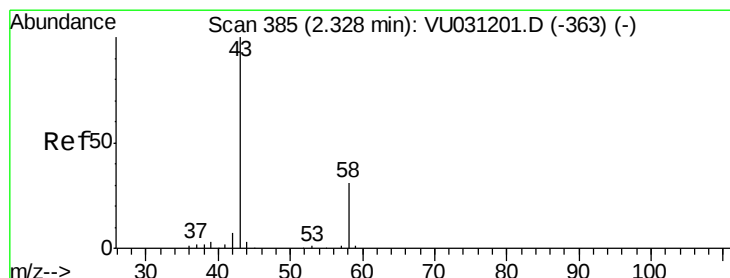
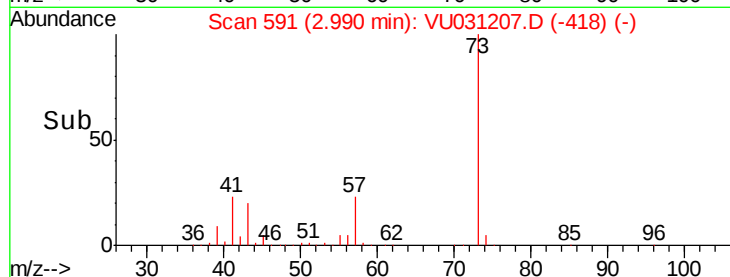
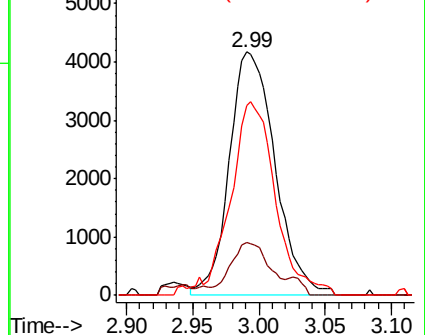
51 78.4 26.9 40.3#



Abundance Ion 53.00 (52.70 to 53.70): VU031207.D (-559) (-)

Ion 52.00 (51.70 to 52.70): VU031207.D (-559) (-)

Ion 51.00 (50.70 to 51.70): VU031207.D (-559) (-)



#13

Acetone

Concen: 1.120 ug/l

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU031207.D

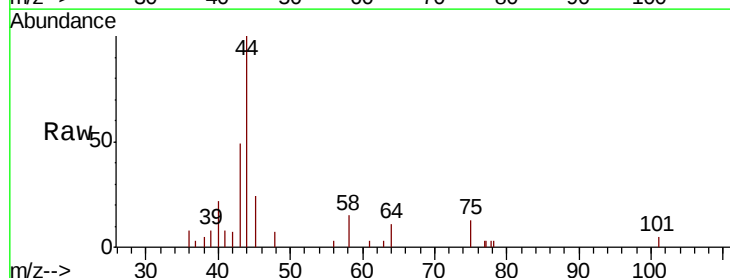
Acq: 16 Apr 2019 11:05

Tgt Ion: 43 Resp: 3272

Ion Ratio Lower Upper

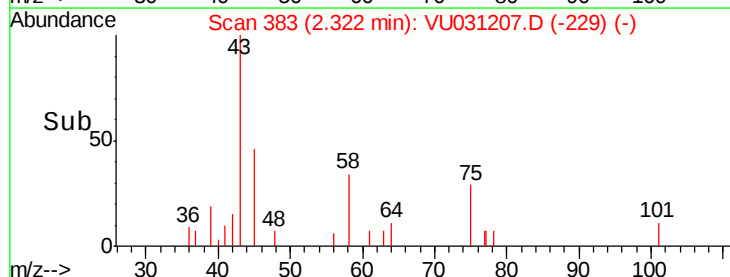
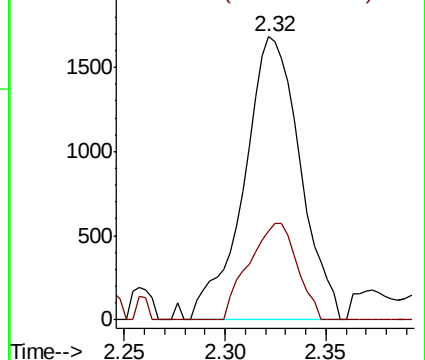
43 100

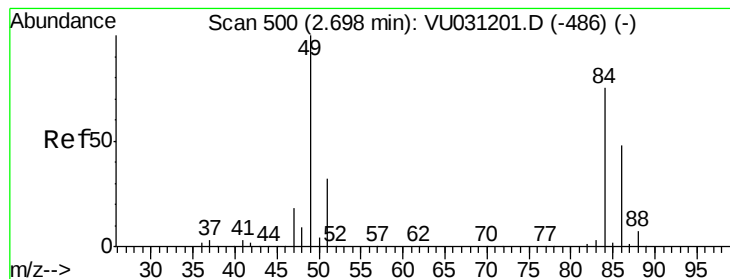
58 31.5 24.7 37.1



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

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





#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

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

Tgt Ion: 84 Resp: 3658

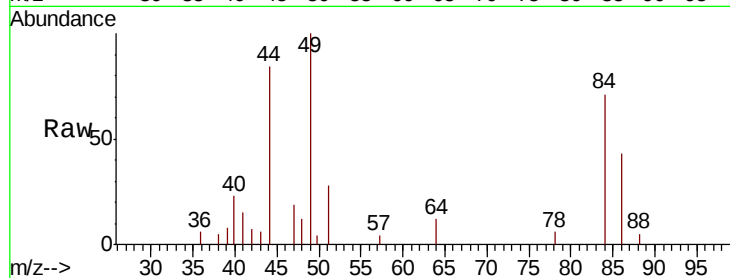
Ion Ratio Lower Upper

84 100

49 140.3 106.1 159.1

51 33.9 0.0 84.2

86 60.8 50.5 75.7



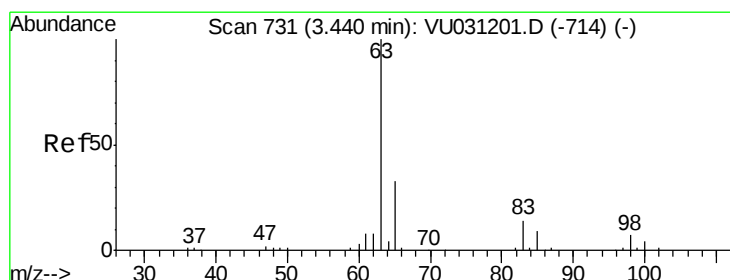
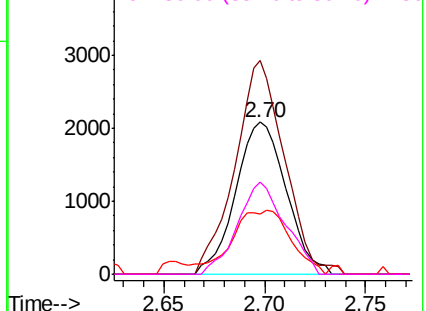
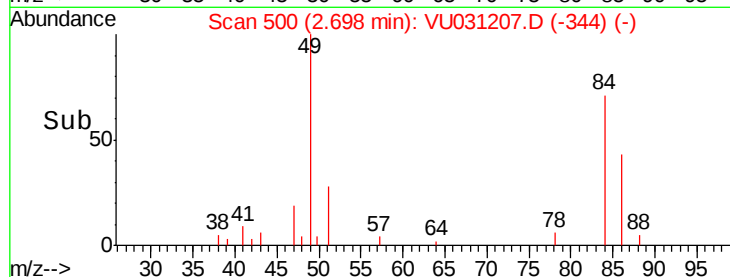
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#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

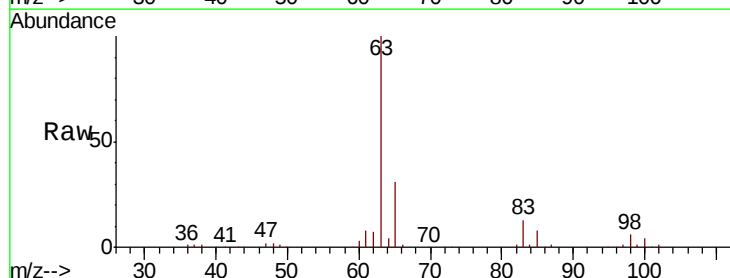
Tgt Ion: 63 Resp: 296314

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 3.9 2.0 5.8

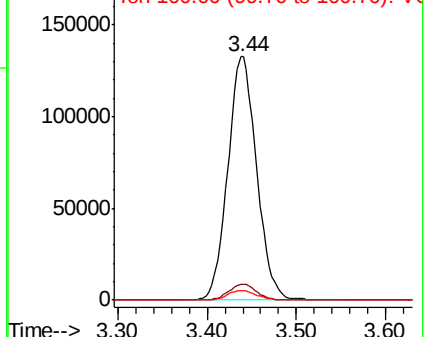
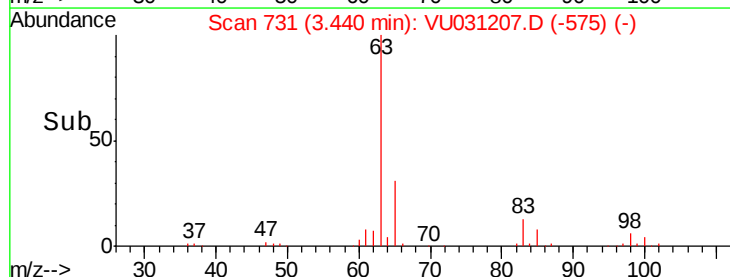


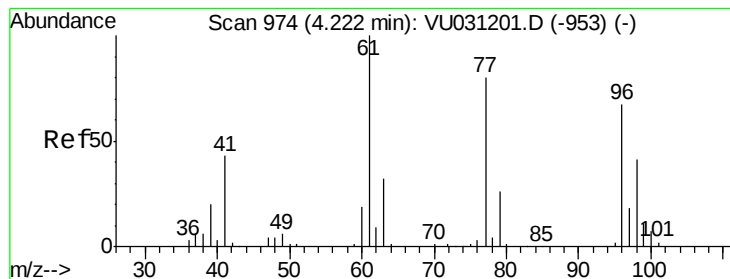
Abundance

Ion 63.00 (62.70 to 63.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#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

Instrument :

MSVOA_U

ClientSampleId :

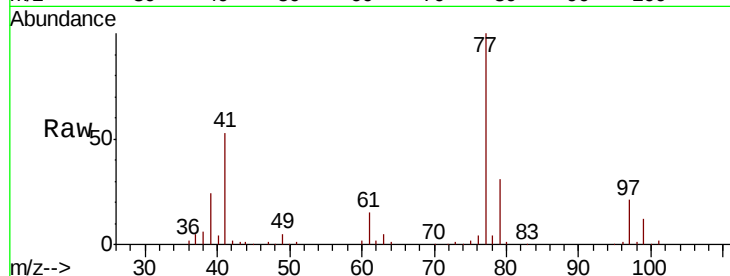
38023-122917

Tgt Ion: 77 Resp: 205693

Ion Ratio Lower Upper

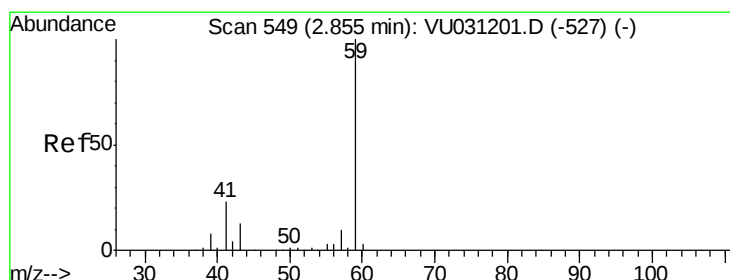
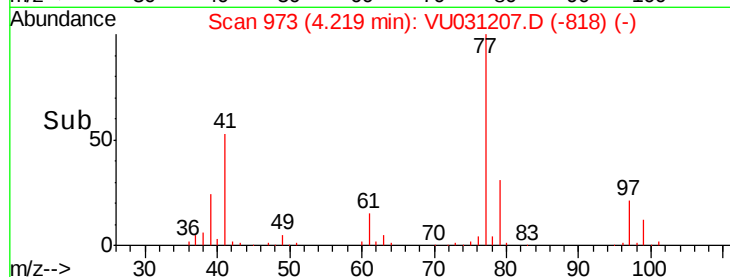
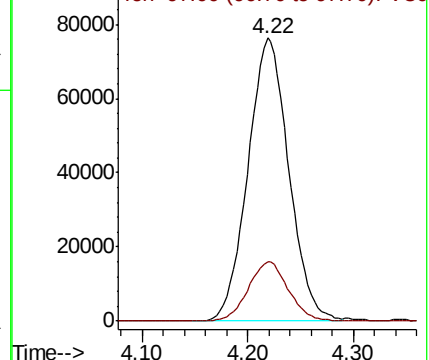
77 100

97 20.6 18.2 27.2



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#24

tert-Butyl Alcohol

Concen: 2.009 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.02 min

Lab File: VU031207.D

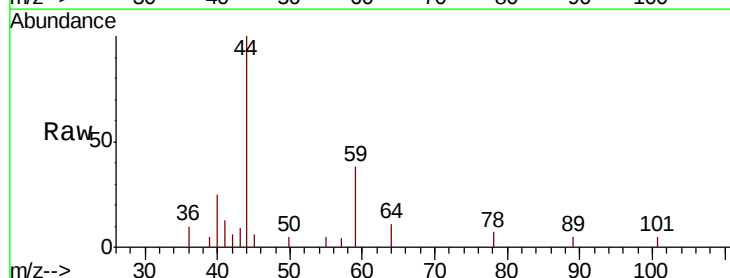
Acq: 16 Apr 2019 11:05

Tgt Ion: 59 Resp: 2391

Ion Ratio Lower Upper

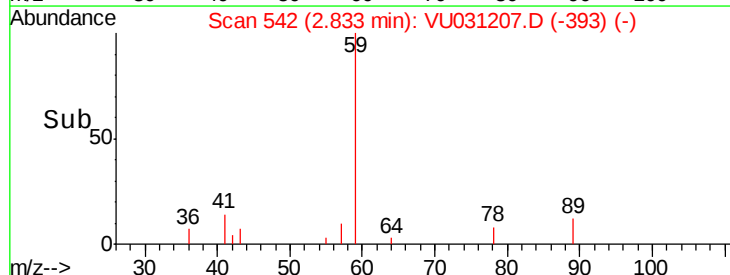
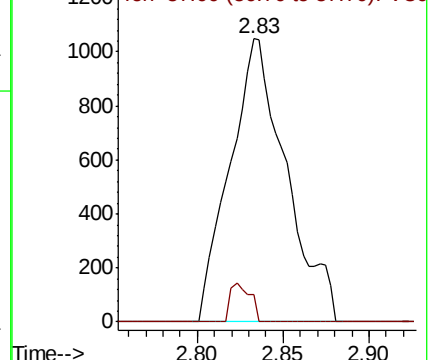
59 100

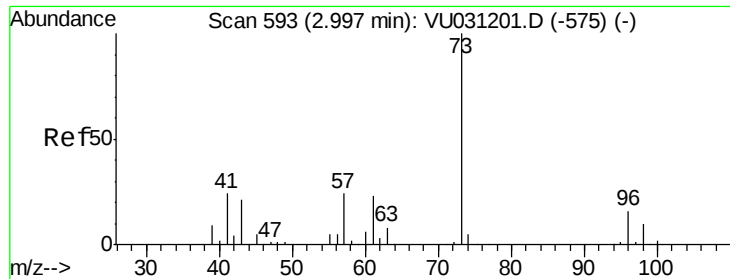
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl 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 :

MSVOA_U

ClientSampleId :

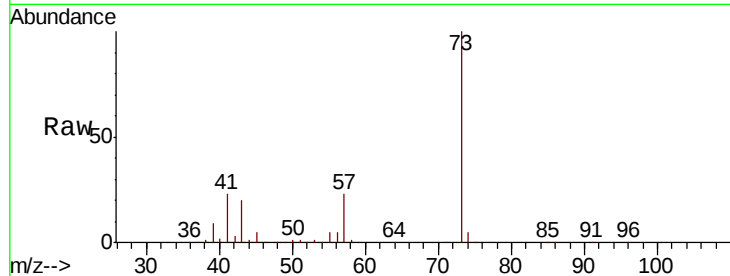
38023-122917

Tgt Ion: 73 Resp: 964380

Ion Ratio Lower Upper

73 100

43 20.2 16.2 24.4



Abundance Ion 73.00 (72.70 to 73.70): VU031207.D (-437) (-)

Ion 43.00 (42.70 to 43.70): VU031207.D (-437) (-)

3.00

400000

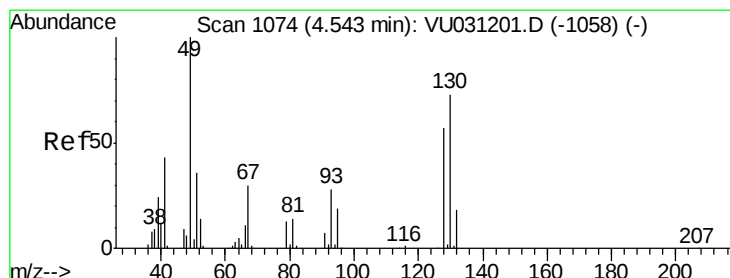
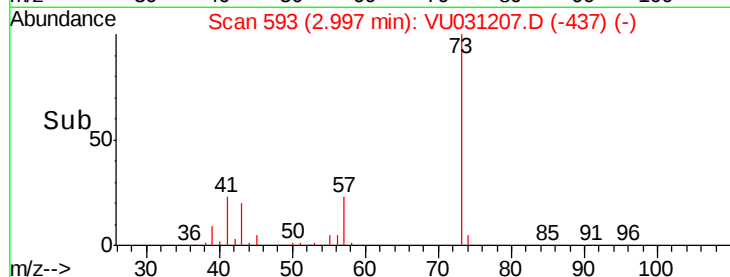
300000

200000

100000

0

Time-->



#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

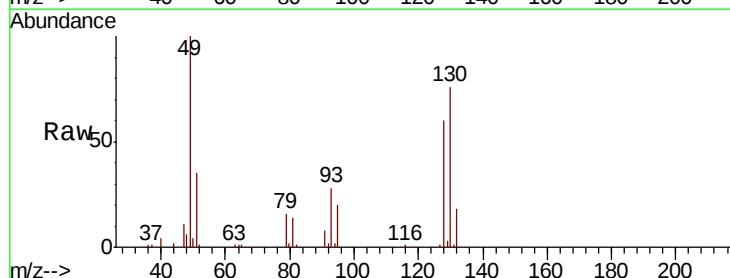
Tgt Ion: 128 Resp: 22793

Ion Ratio Lower Upper

128 100

49 171.6 0.0 345.8

130 126.1 103.4 155.2



Abundance Ion 128.00 (127.70 to 128.70): VU031207.D (-918) (-)

Ion 49.00 (48.70 to 49.70): VU031207.D (-918) (-)

Ion 130.00 (129.70 to 130.70): VU031207.D (-918) (-)

20000

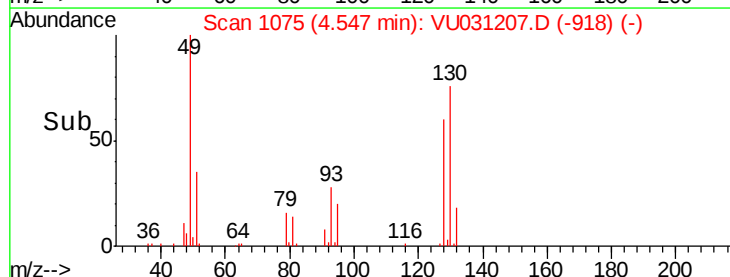
15000

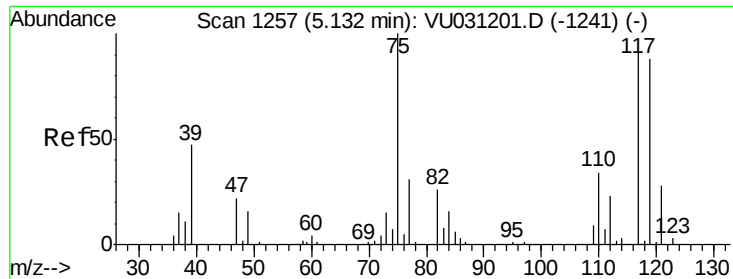
10000

5000

0

Time-->

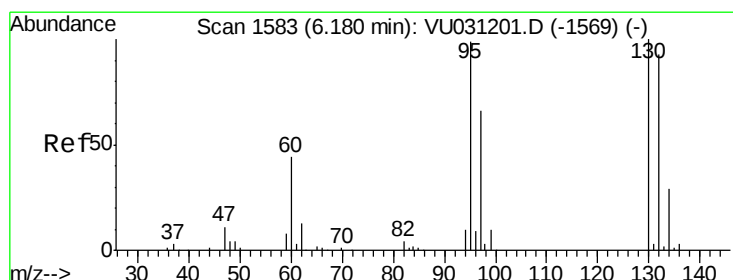
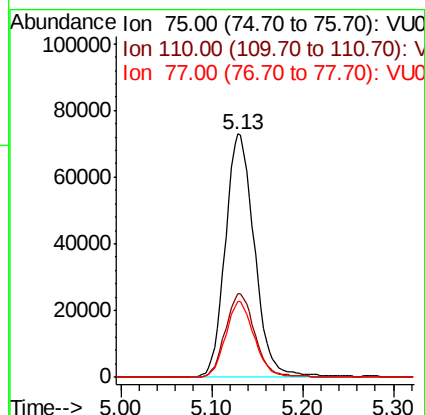
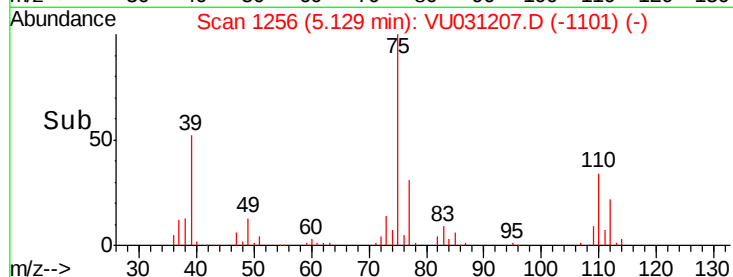
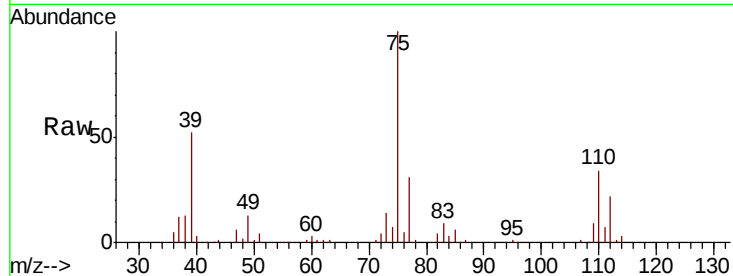




#29
 1,1-Dichloropropene
 Concen: 11.051 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

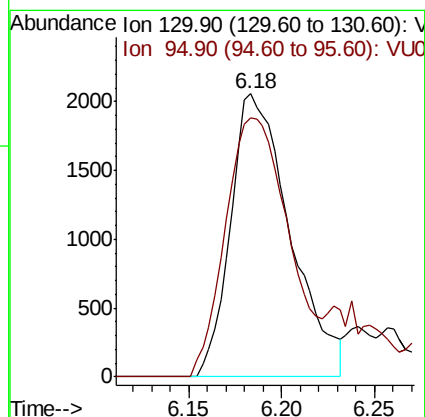
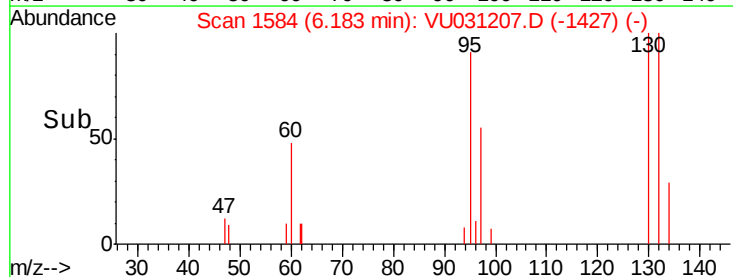
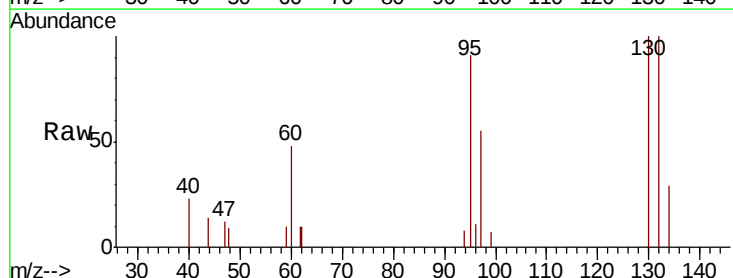
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

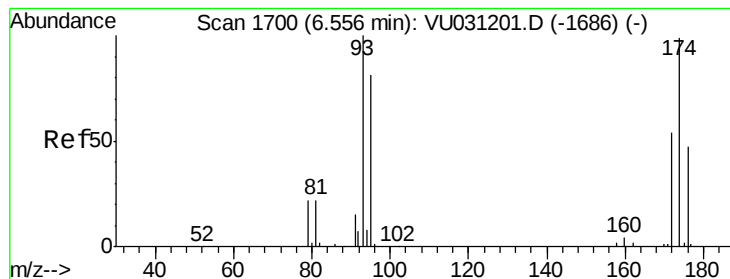
Tgt Ion: 75 Resp: 163175
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.2 51.5
 77 30.8 24.9 37.3



#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





#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

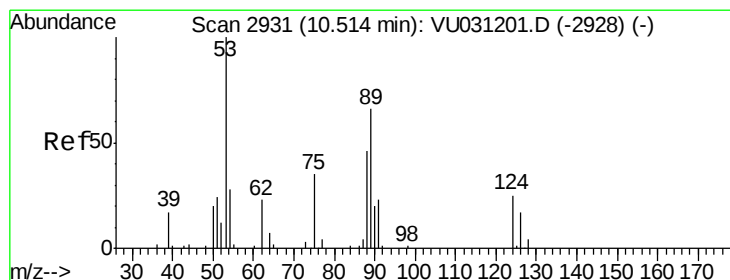
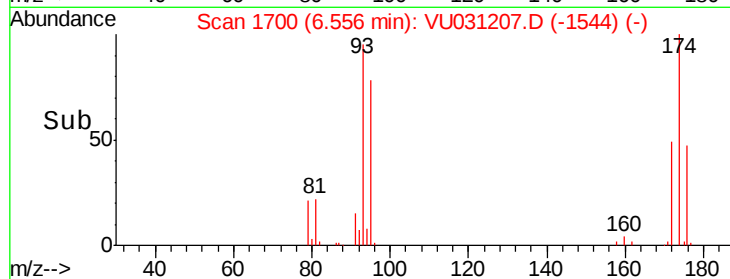
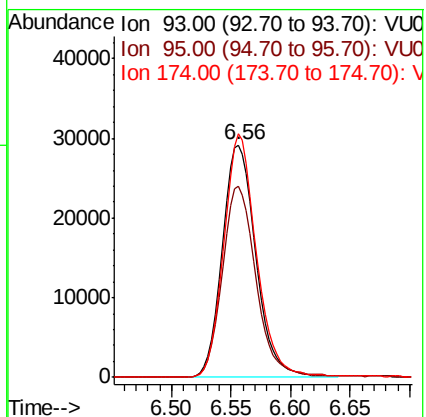
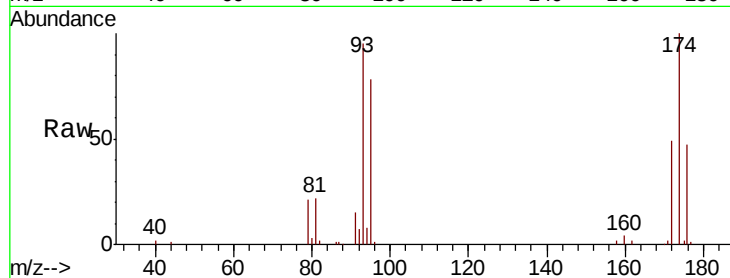
Tgt Ion: 93 Resp: 57280

Ion Ratio Lower Upper

93 100

95 82.3 67.4 101.0

174 101.5 79.1 118.7



#46

t-1,4-Dichloro-2-butene

Concen: 43.844 ug/l

RT: 10.49 min Scan# 2923

Delta R.T. -0.03 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Tgt Ion: 75 Resp: 124130

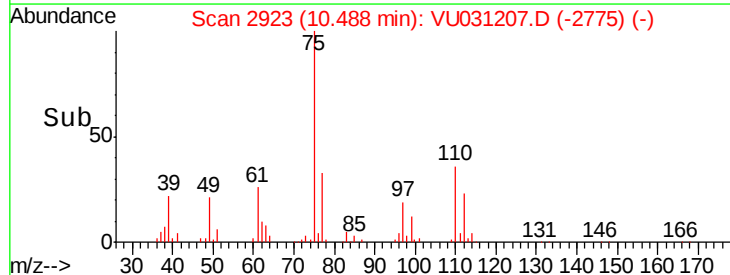
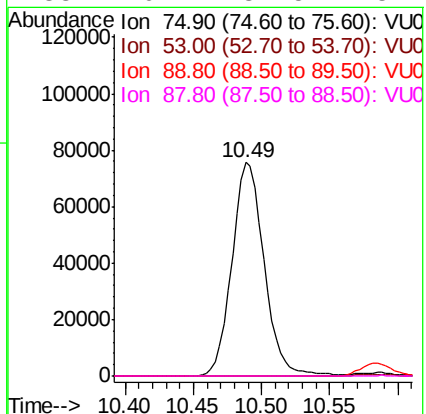
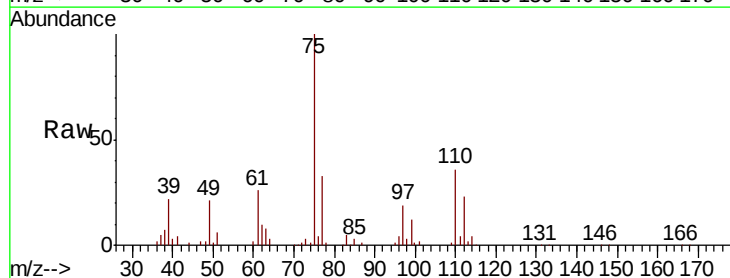
Ion Ratio Lower Upper

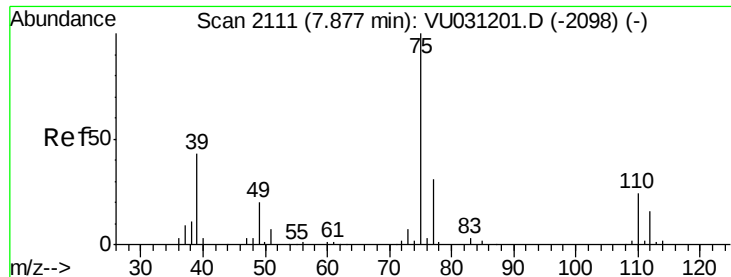
75 100

53 0.0 65.2 97.8#

89 0.0 43.0 64.4#

88 0.1 32.5 48.7#

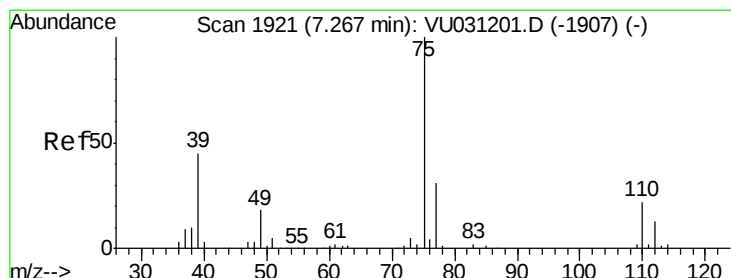
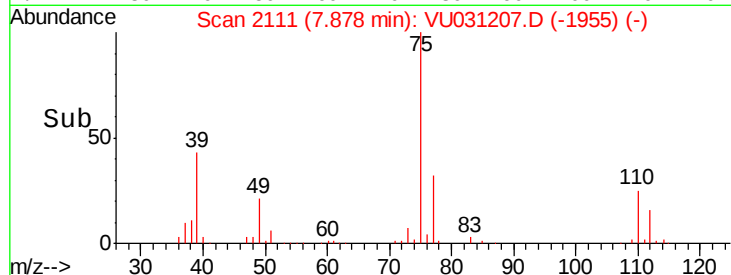
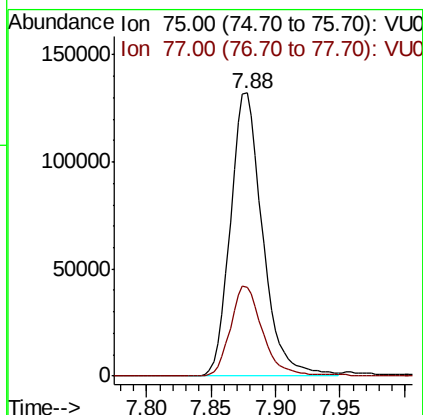
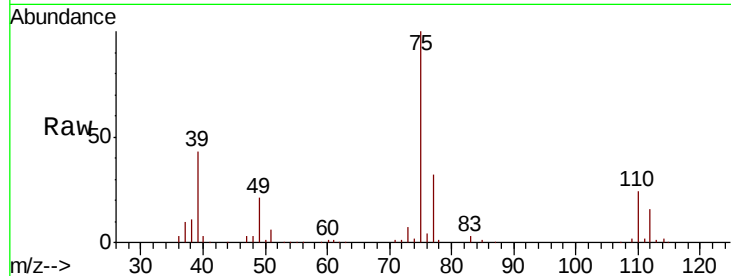




#50
 t-1,3-Dichloropropene
 Concen: 17.749 ug/l
 RT: 7.88 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

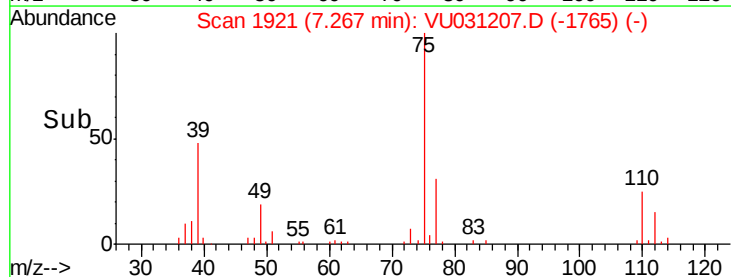
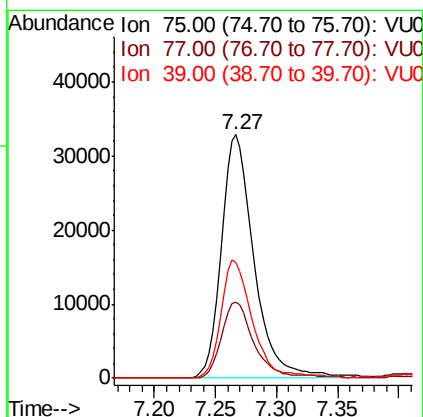
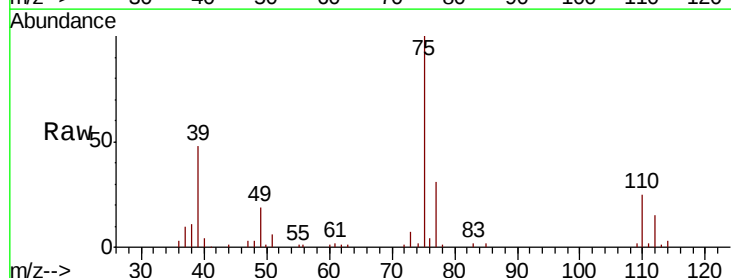
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

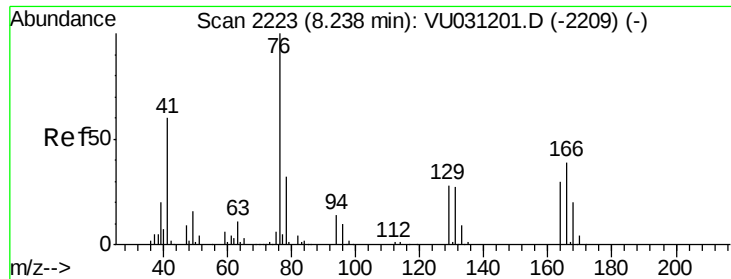
Tgt Ion: 75 Resp: 229645
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 37.0



#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

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

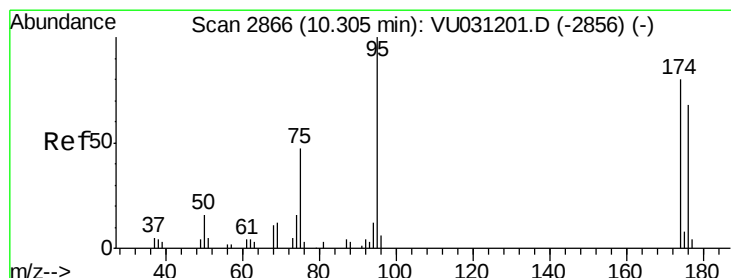
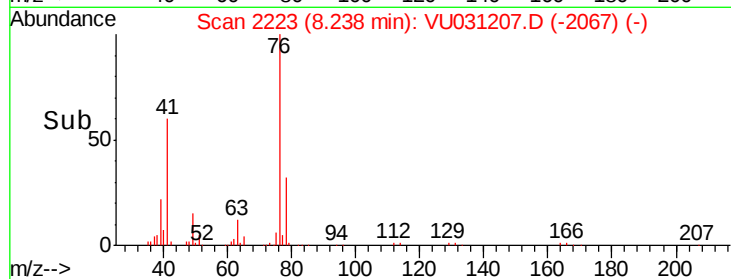
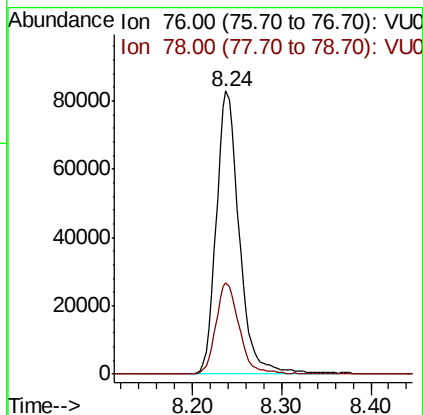
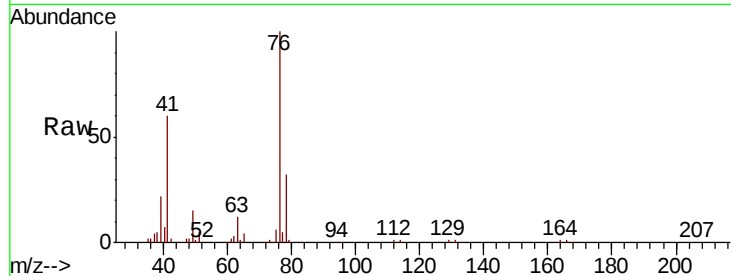




#53
 1,3-Dichloropropane
 Concen: 10.310 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

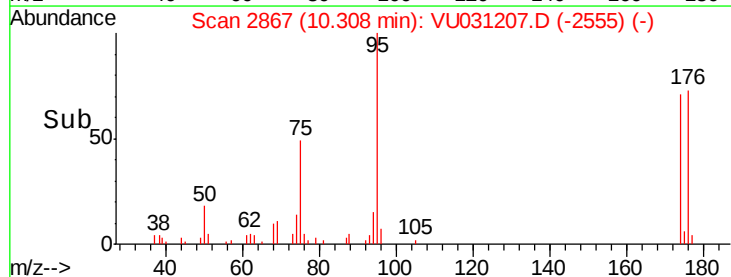
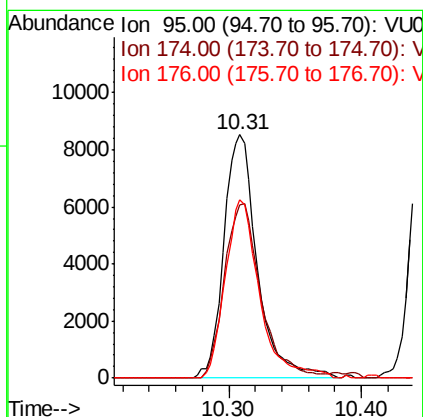
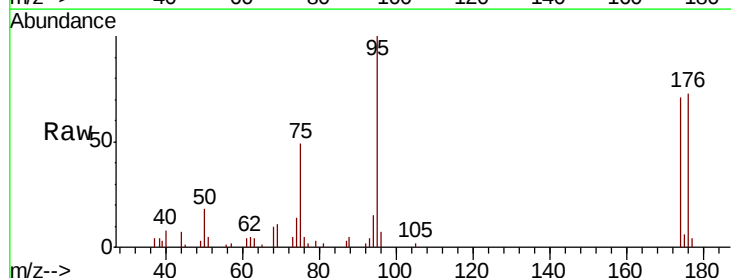
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

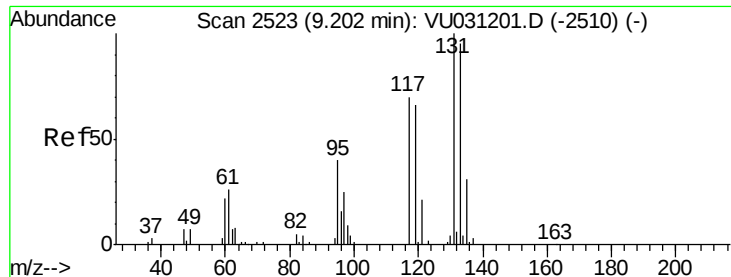
Tgt Ion: 76 Resp: 148699
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.3 37.9



#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

Tgt Ion: 95 Resp: 14956
 Ion Ratio Lower Upper
 95 100
 174 77.9 64.2 96.2
 176 75.3 58.0 87.0





#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

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

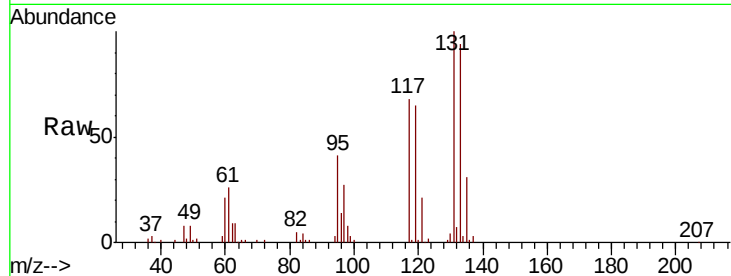
Tgt Ion:131 Resp: 73416

Ion Ratio Lower Upper

131 100

133 94.9 77.2 115.8

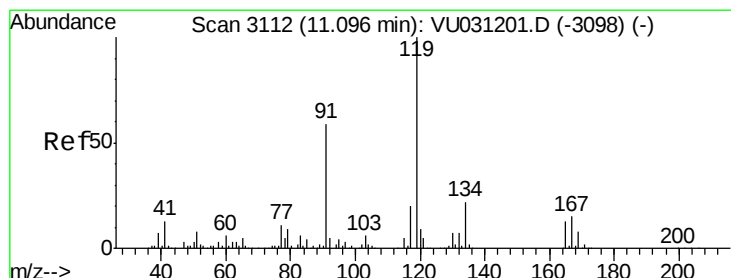
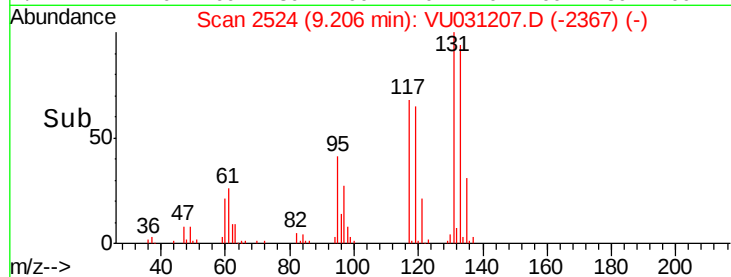
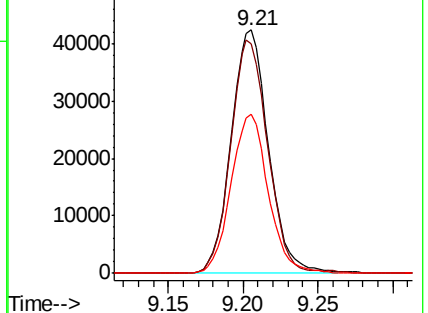
119 65.3 51.4 77.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#61

Pentachloroethane

Concen: 0.272 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU031207.D

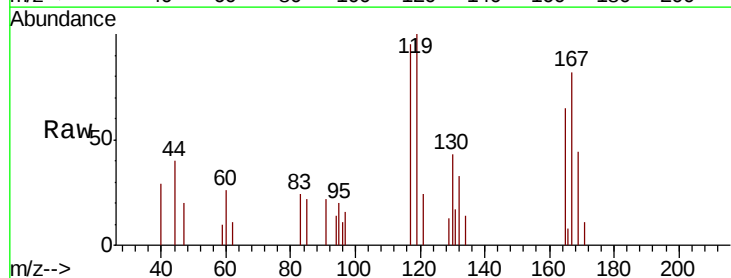
Acq: 16 Apr 2019 11:05

Tgt Ion:117 Resp: 2122

Ion Ratio Lower Upper

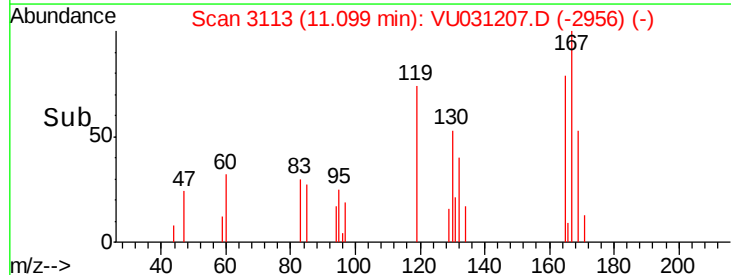
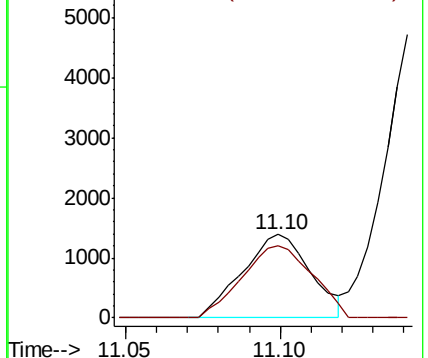
117 100

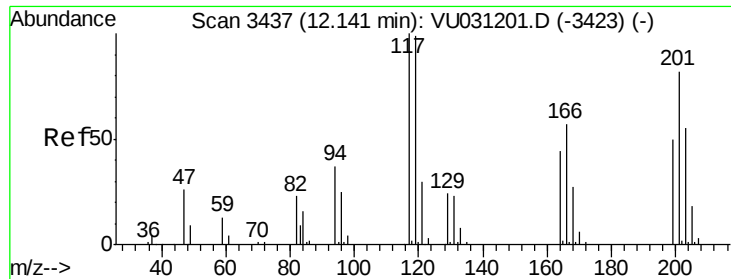
167 88.8 63.1 94.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V





#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

Instrument :

MSVOA_U

ClientSampleId :

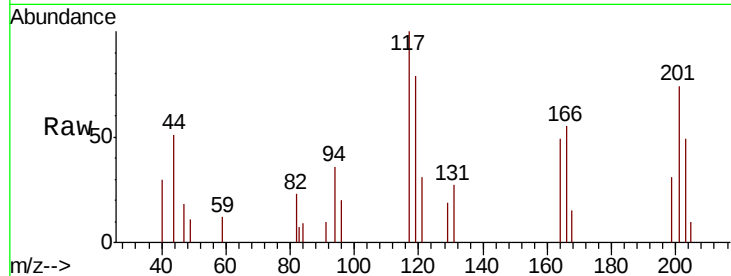
38023-122917

Tgt Ion:117 Resp: 2621

Ion Ratio Lower Upper

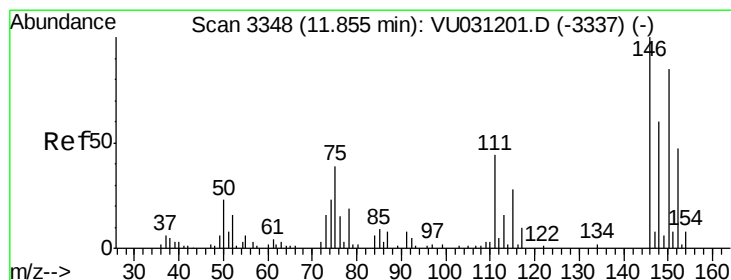
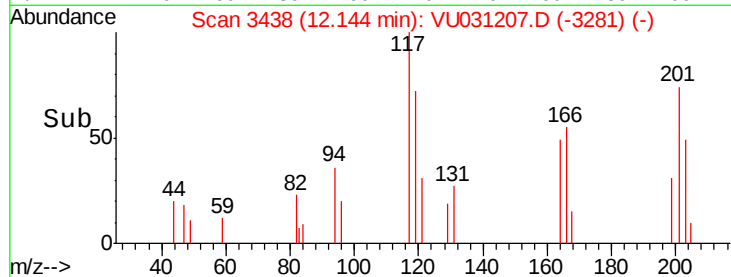
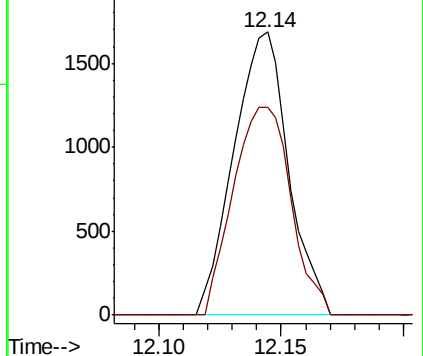
117 100

201 77.8 63.9 95.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#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

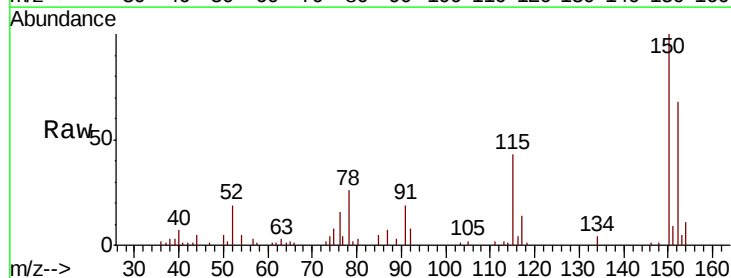
Tgt Ion:152 Resp: 14386

Ion Ratio Lower Upper

152 100

115 58.7 0.0 130.0

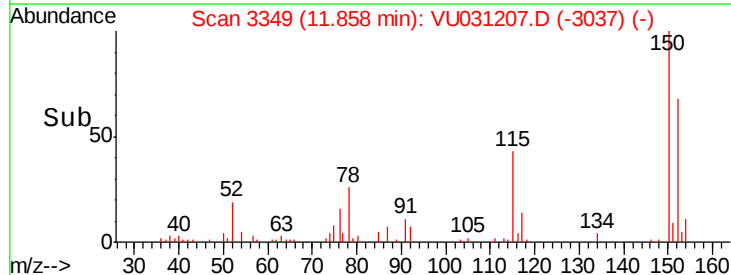
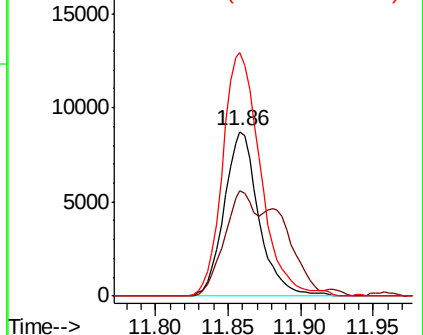
150 162.5 0.0 639.0

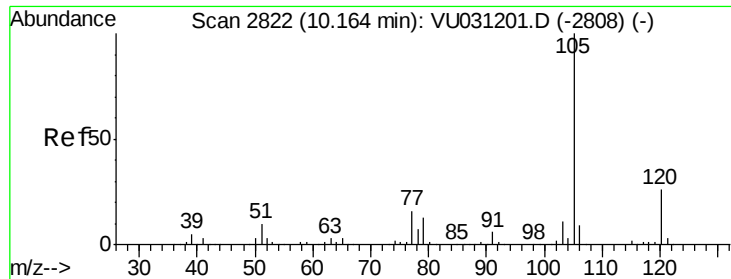


Abundance Ion 152.00 (151.70 to 152.70): V

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

Instrument :

MSVOA_U

ClientSampleId :

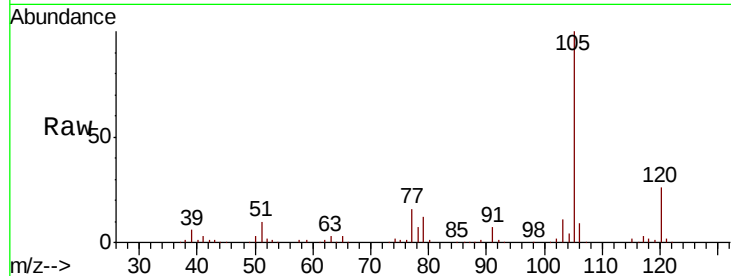
38023-122917

Tgt Ion:105 Resp: 329778

Ion Ratio Lower Upper

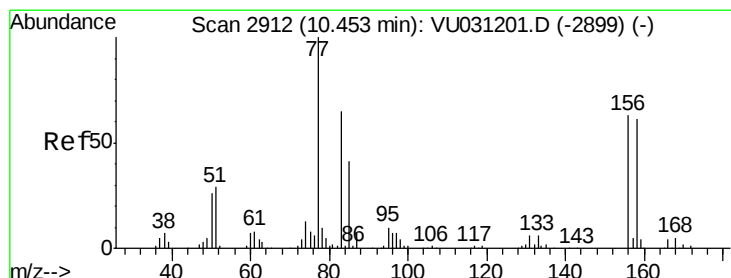
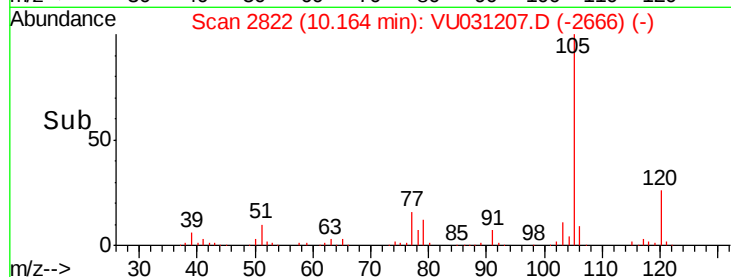
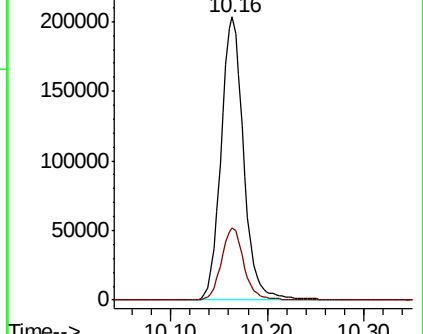
105 100

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

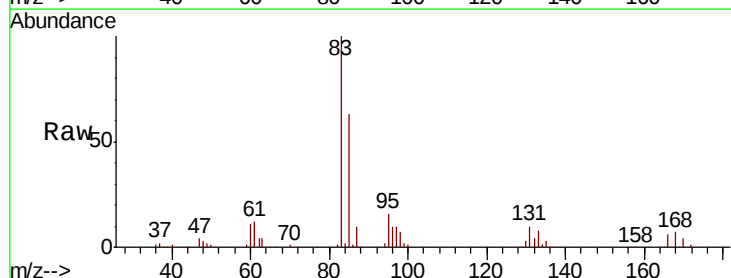
Tgt Ion: 83 Resp: 163672

Ion Ratio Lower Upper

83 100

131 9.1 8.0 12.0

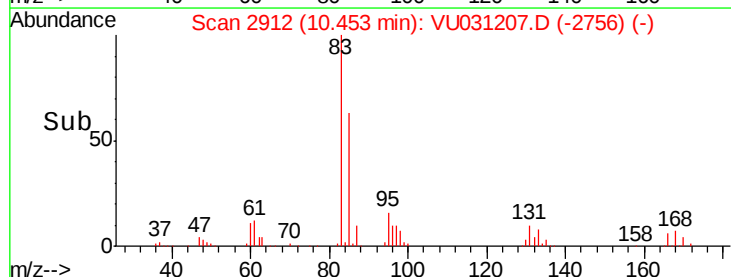
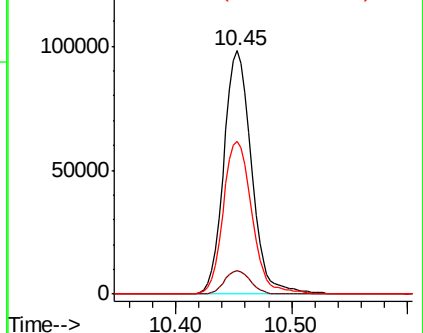
85 65.0 51.3 76.9

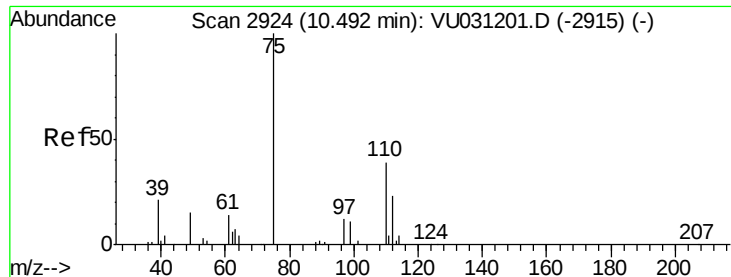


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

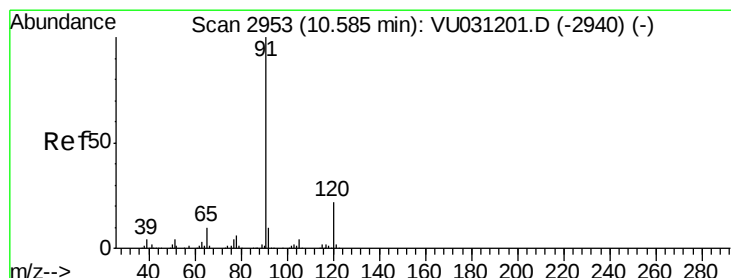
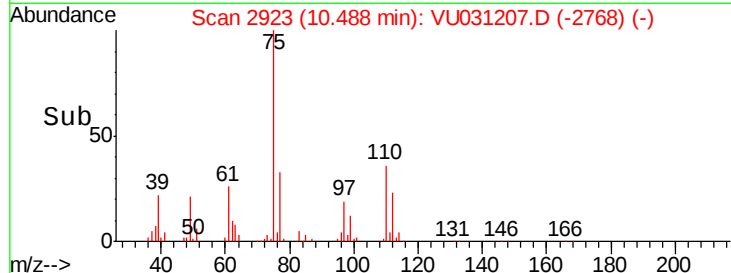
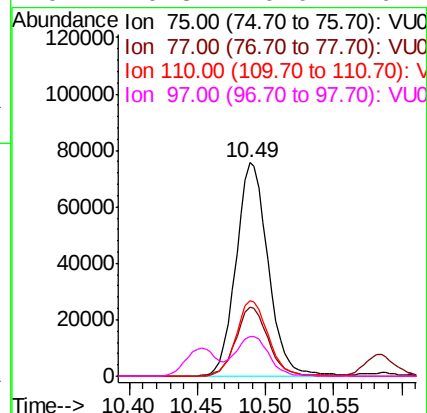
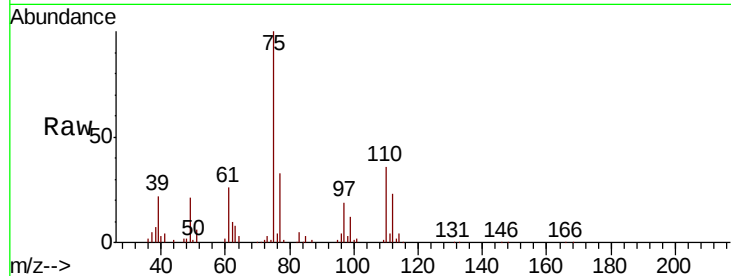




#71
 1,2,3-Trichloropropane
 Concen: 15.579 ug/l
 RT: 10.49 min Scan# 2923
 Delta R.T. -0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

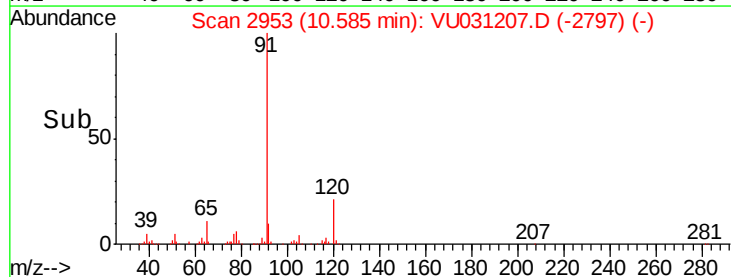
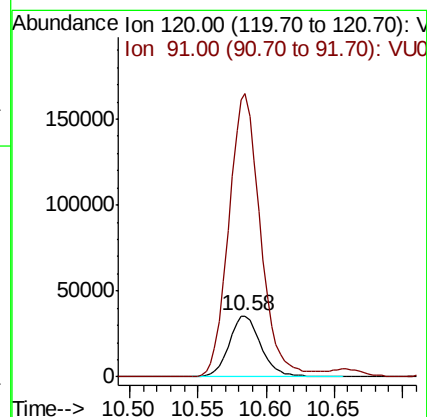
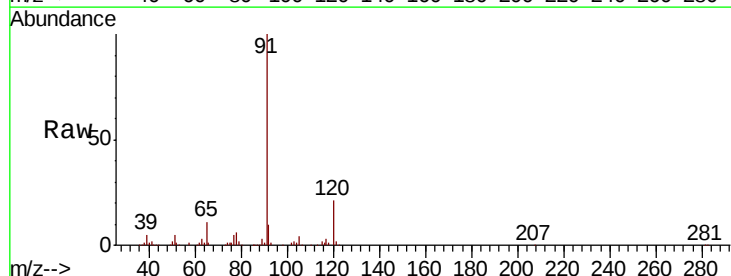
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

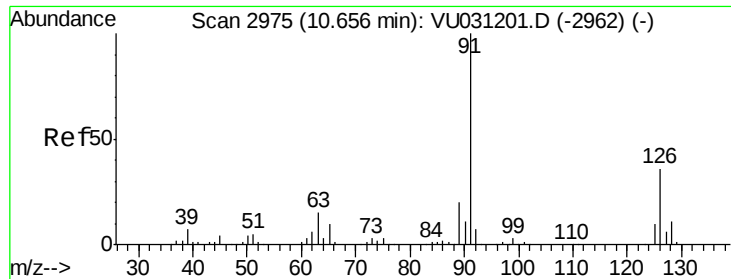
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	0.0	0.0#
110	35.4	0.0	71.0
97	19.3	0.0	40.4



#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

Tgt Ion	Ratio	Lower	Upper
120	100		
91	461.5	364.9	547.3





#74

2-Chlorotoluene

Concen: 12.470 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.11 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

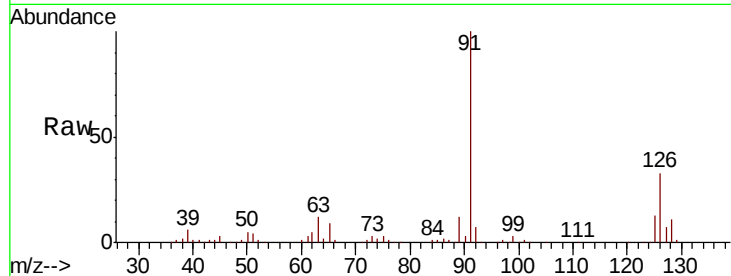
38023-122917

Tgt Ion:126 Resp: 128221

Ion Ratio Lower Upper

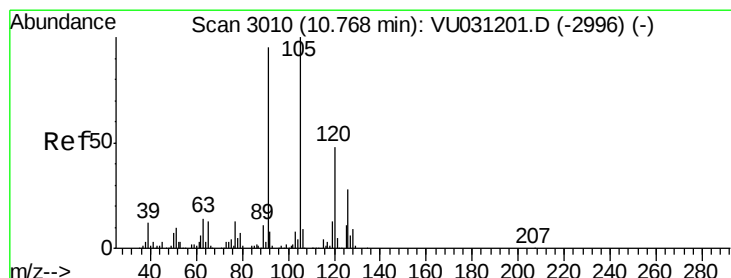
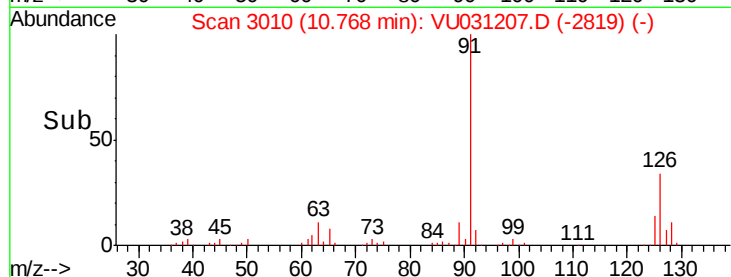
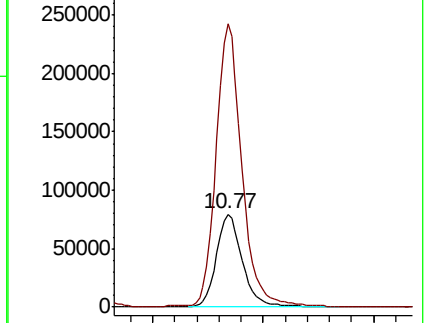
126 100

91 305.7 0.0 612.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 0.269 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.18 min

Lab File: VU031207.D

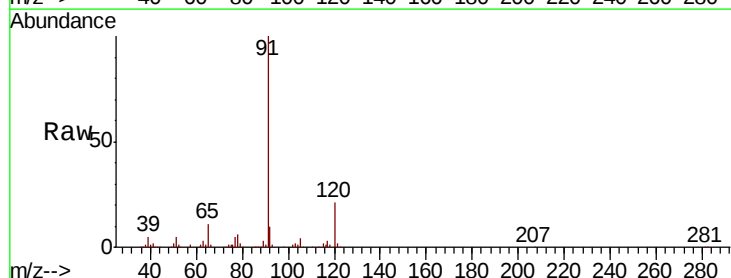
Acq: 16 Apr 2019 11:05

Tgt Ion:105 Resp: 9504

Ion Ratio Lower Upper

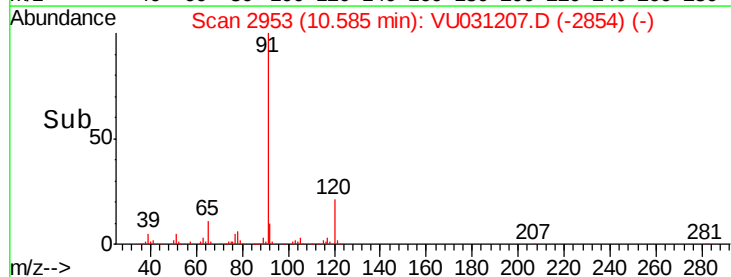
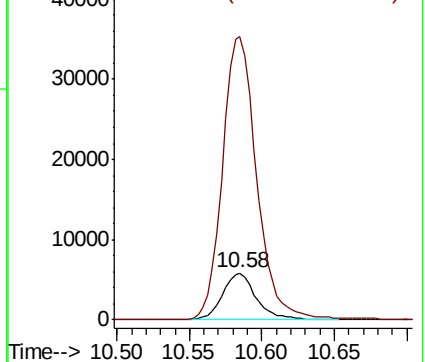
105 100

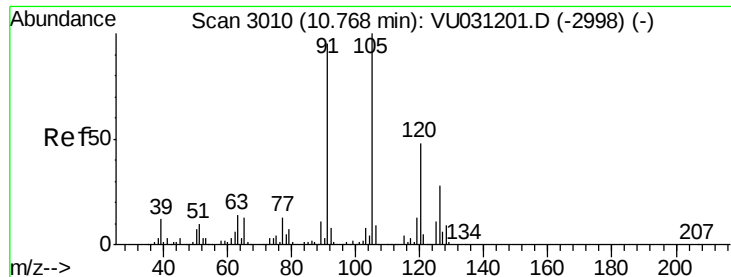
120 606.5 38.7 58.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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

Instrument :

MSVOA_U

ClientSampleId :

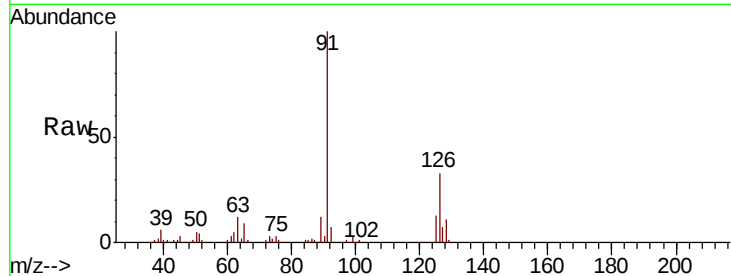
38023-122917

Tgt Ion:126 Resp: 128221

Ion Ratio Lower Upper

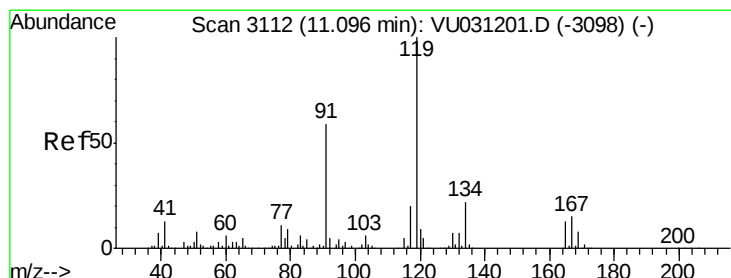
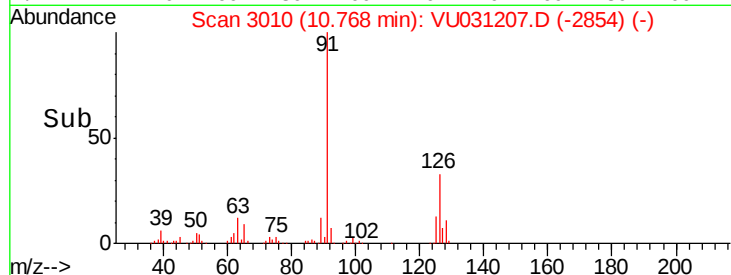
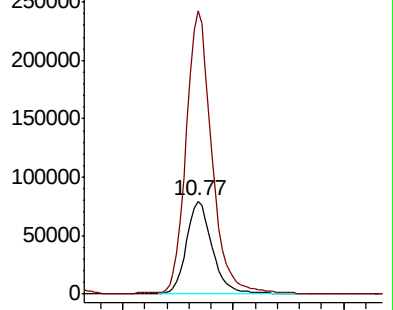
126 100

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



#77

tert-Butylbenzene

Concen: 0.748 ug/l

RT: 11.14 min Scan# 3127

Delta R.T. 0.05 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

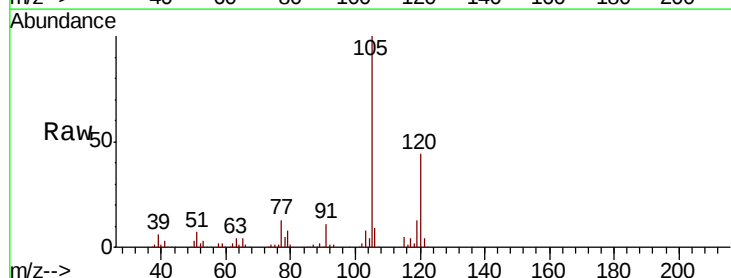
Tgt Ion:119 Resp: 25866

Ion Ratio Lower Upper

119 100

91 82.4 29.4 88.3

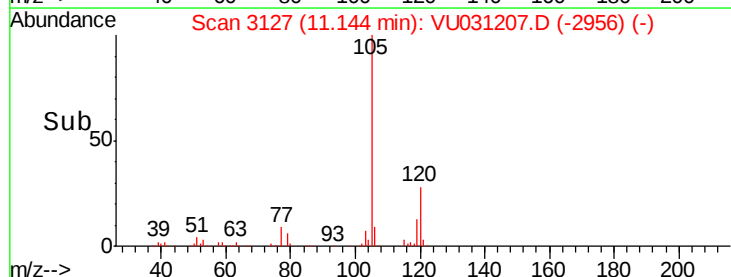
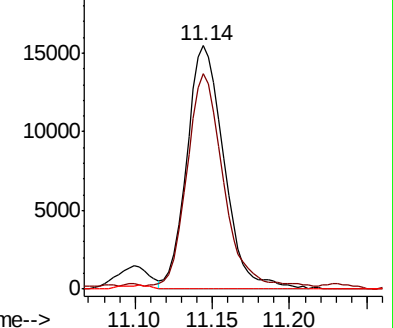
134 0.0 17.9 26.9#

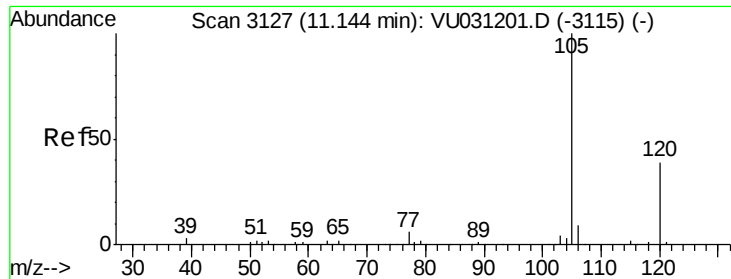


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

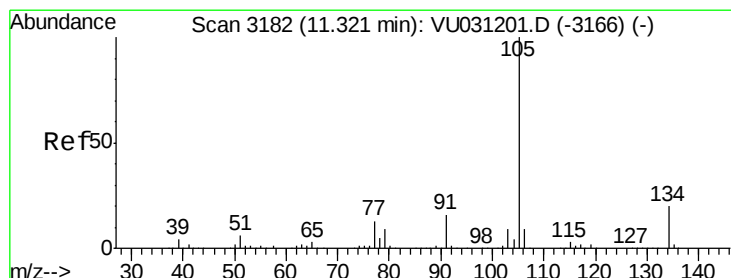
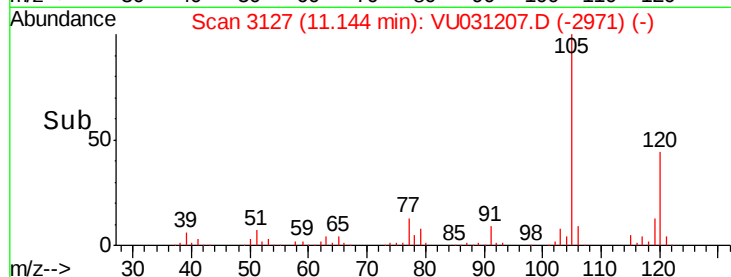
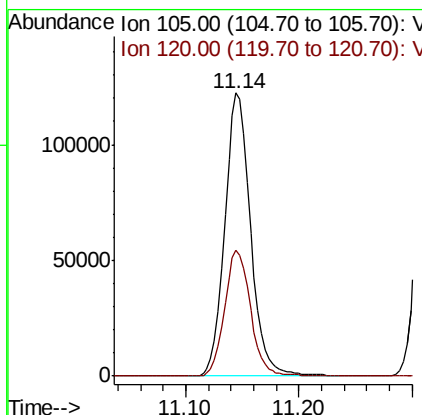
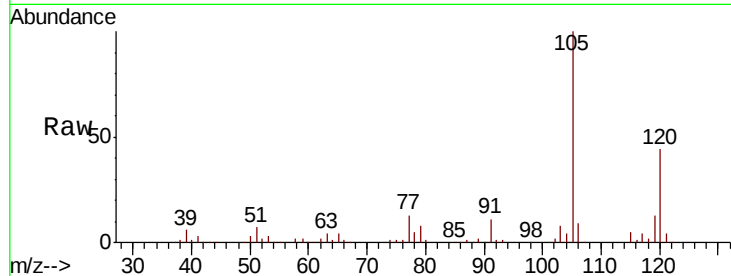




#78
1,2,4-Trimethylbenzene
Concen: 5.447 ug/l
RT: 11.14 min Scan# 3127
Delta R.T. 0.00 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

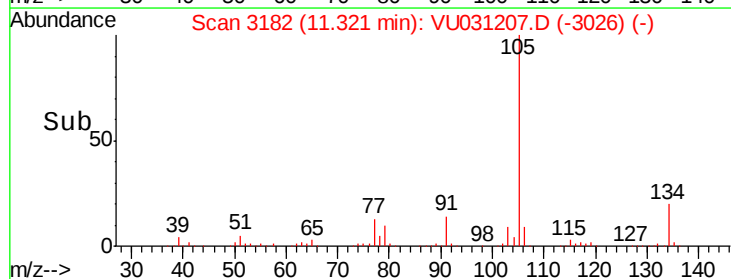
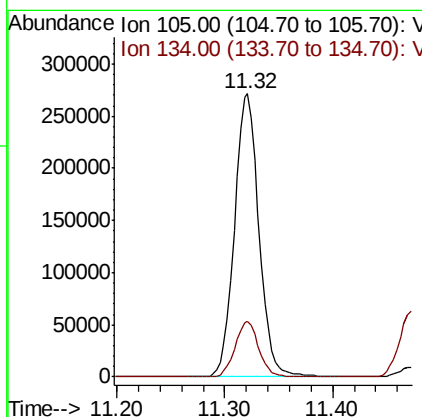
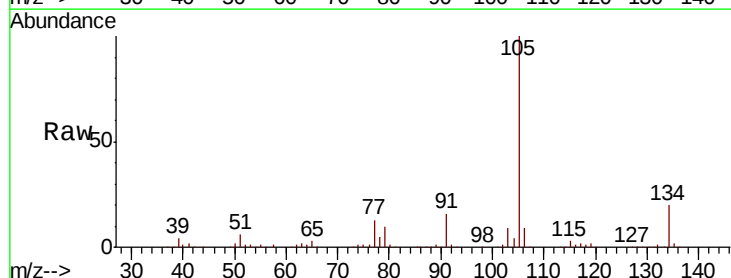
Instrument :
MSVOA_U
ClientSampleId :
38023-122917

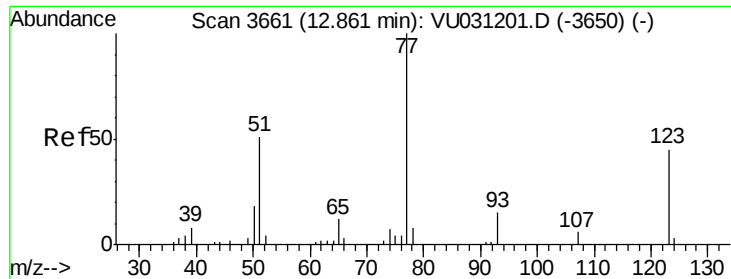
Tgt Ion:105 Resp: 194039
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0



#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

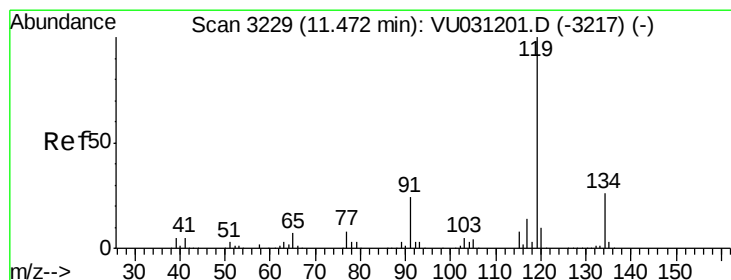
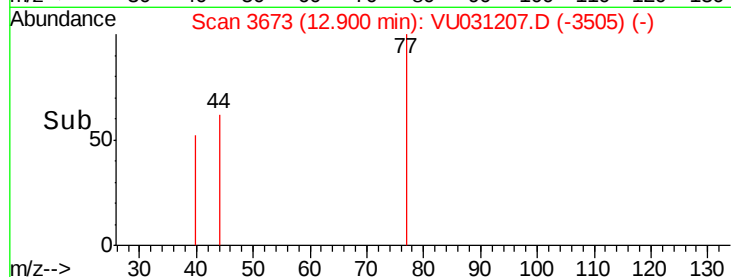
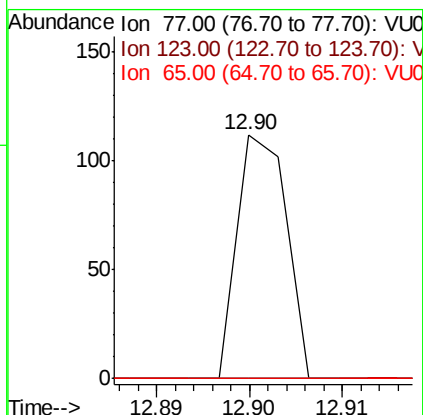
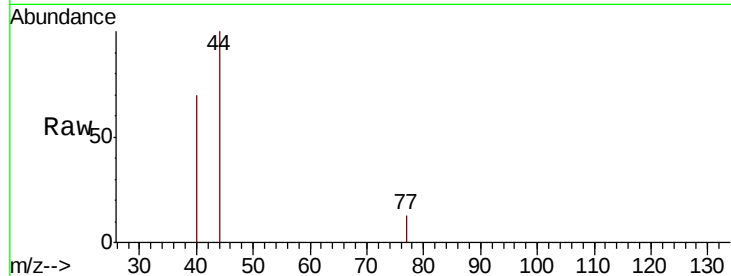




#80
Nitrobenzene
Concen: 4.735 ug/l
RT: 12.90 min Scan# 3673
Delta R.T. 0.04 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

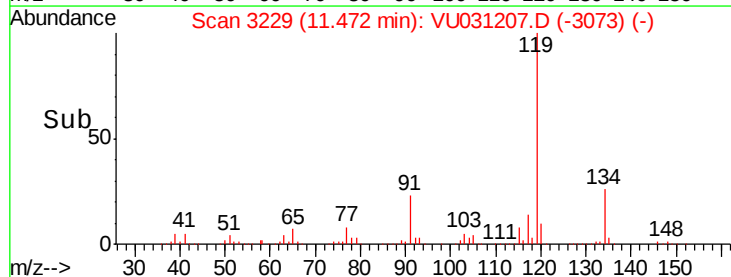
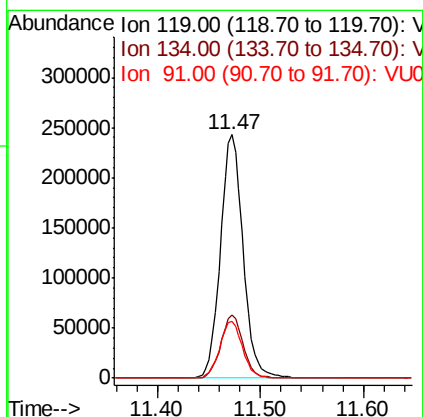
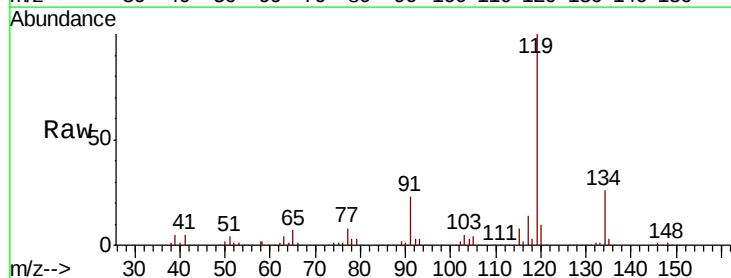
Instrument :
MSVOA_U
ClientSampleId :
38023-122917

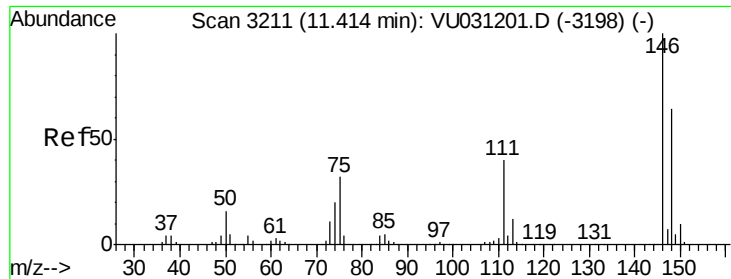
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	17.1	60.7#
65	0.0	9.4	12.0#



#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

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	21.0	31.4
91	23.5	19.4	29.2

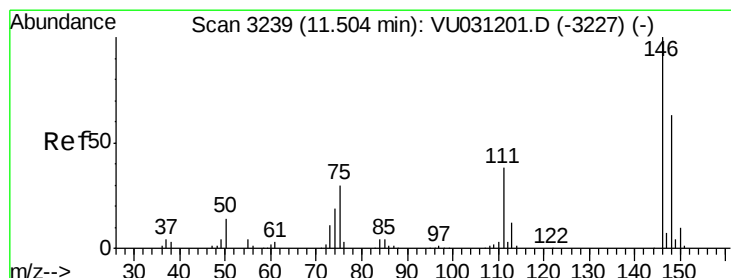
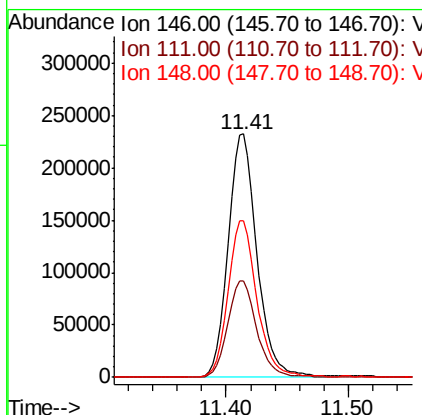
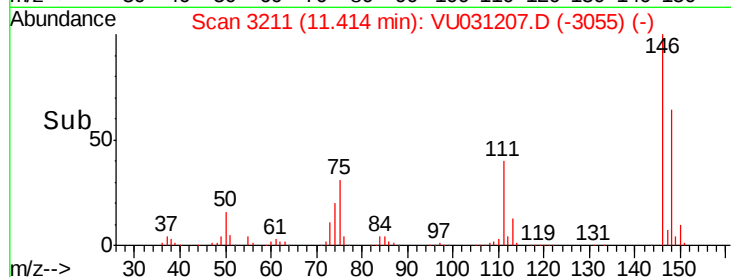
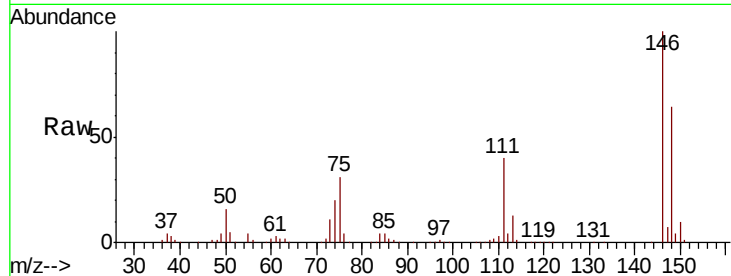




#82
 1,3-Dichlorobenzene
 Concen: 17.671 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031207.D
 Acq: 16 Apr 2019 11:05

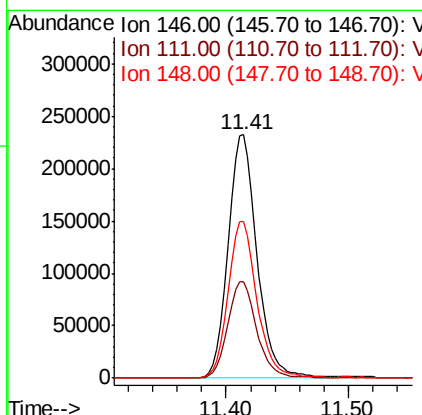
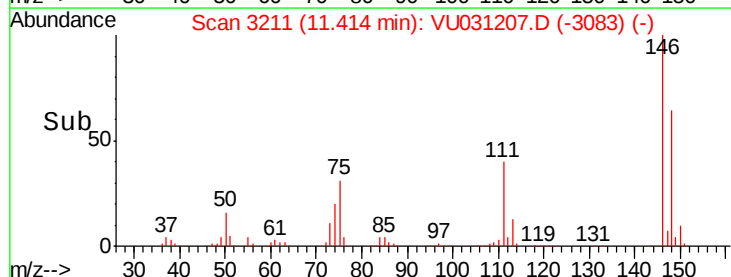
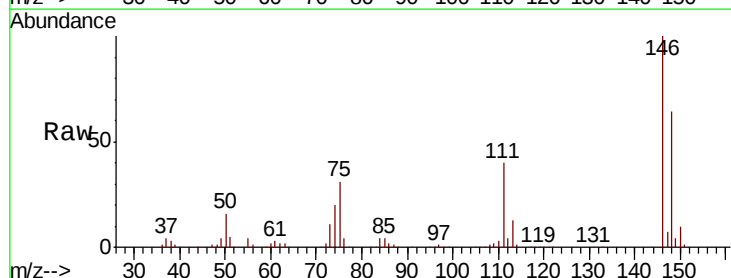
Instrument :
 MSVOA_U
 ClientSampleId :
 38023-122917

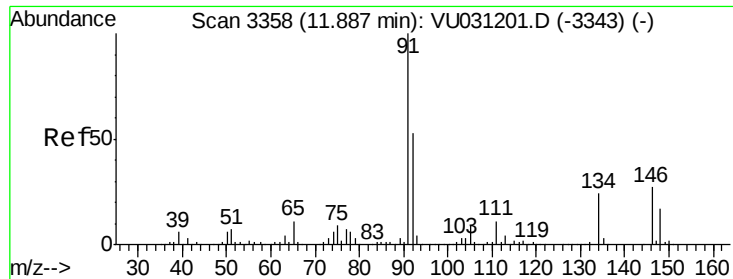
Tgt Ion:146 Resp: 385619
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.4 48.6
 148 64.3 50.8 76.2



#83
 1,4-Dichlorobenzene
 Concen: 18.246 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.09 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 30.6 46.0
 148 64.3 51.1 76.7

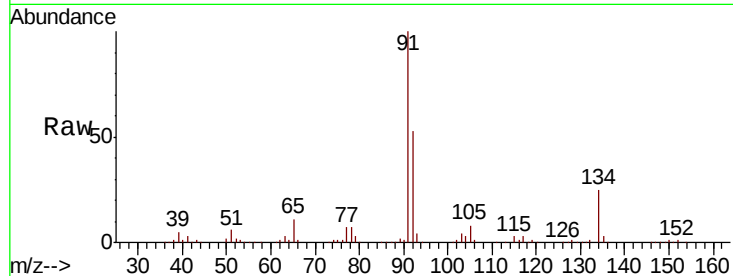




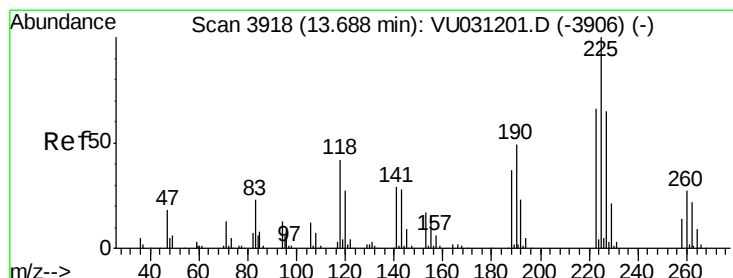
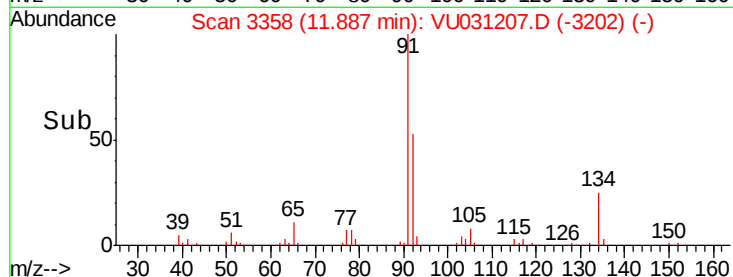
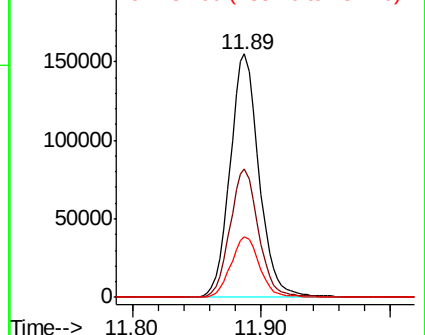
#84
n-Butylbenzene
Concen: 6.681 ug/l
RT: 11.89 min Scan# 3358
Delta R.T. 0.00 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
38023-122917

Tgt Ion: 91 Resp: 241256
Ion Ratio Lower Upper
91 100
92 52.2 42.6 63.8
134 24.6 19.1 28.7

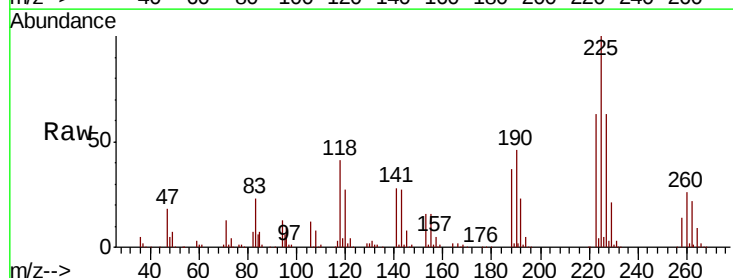


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

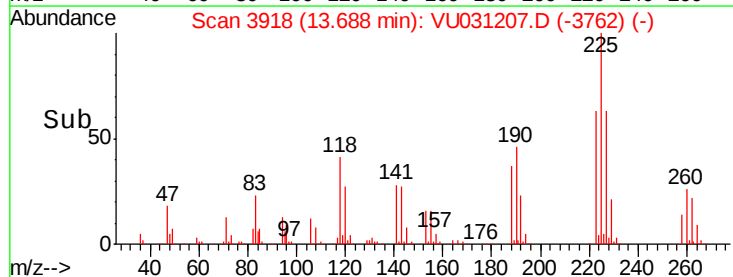
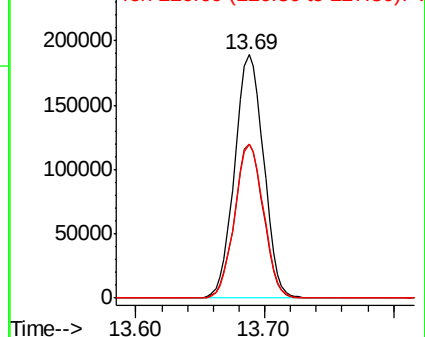


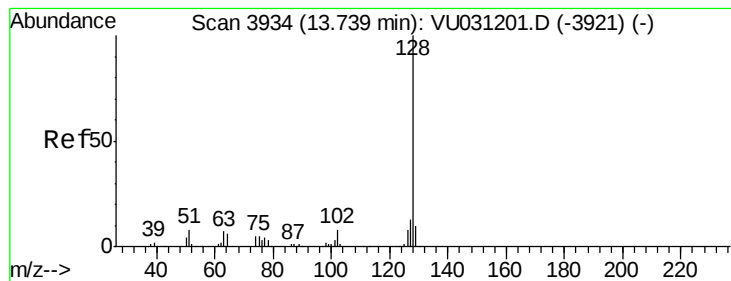
#88
Hexachlorobutadiene
Concen: 35.475 ug/l
RT: 13.69 min Scan# 3918
Delta R.T. 0.00 min
Lab File: VU031207.D
Acq: 16 Apr 2019 11:05

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): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 0.692 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU031207.D

Acq: 16 Apr 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

38023-122917

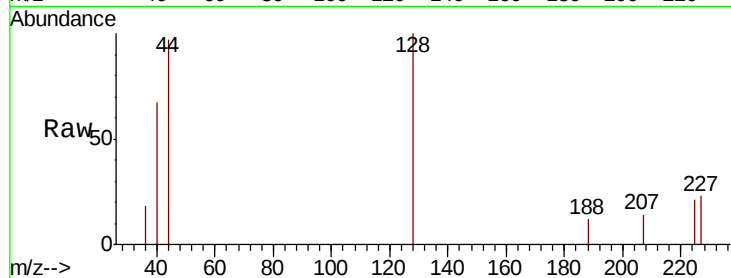
Tgt Ion:128 Resp: 1351

Ion Ratio Lower Upper

128 100

127 3.4 11.0 16.4#

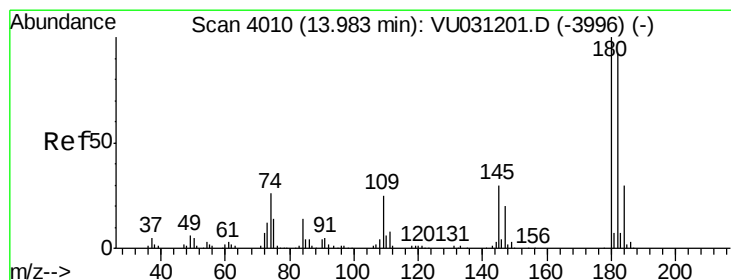
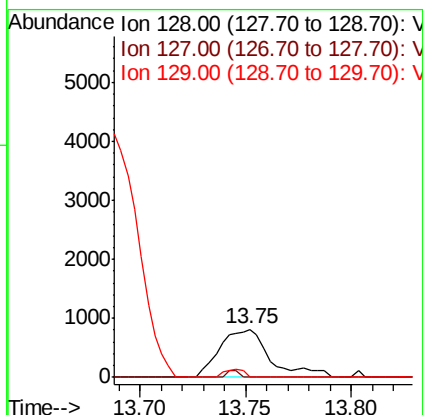
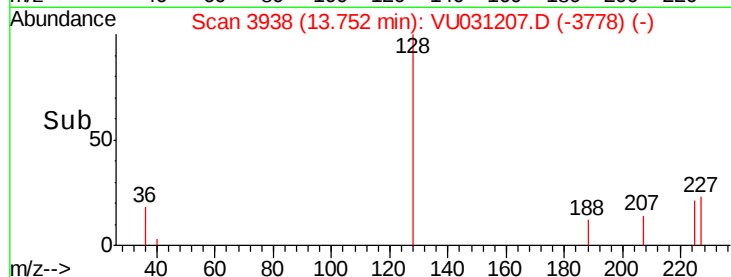
129 486.7 8.3 12.5#



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: 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

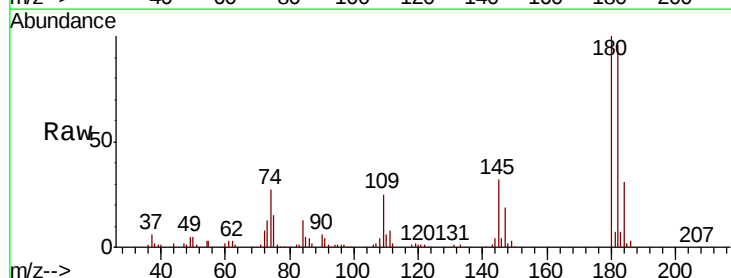
Tgt Ion:180 Resp: 103416

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

