

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU021518\
 Data File : VU022231.D
 Acq On : 15 Feb 2018 14:06
 Operator : MD/SY
 Sample : VU0215WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 BFB

Quant Time: Feb 16 06:08:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\82U021418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 12:37:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	27536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	44794	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	46602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	25080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.32	65	10947	33.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.94%	
35) Dibromofluoromethane	4.89	113	7747	27.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.38%	
50) Toluene-d8	7.57	98	27100	24.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.38%	
62) 4-Bromofluorobenzene	10.32	95	11583	27.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	5325	21.31	ug/l	97
3) Chloromethane	1.33	50	8140	24.56	ug/l	93
4) Vinyl Chloride	1.40	62	7368	21.93	ug/l	100
5) Bromomethane	1.64	94	6334	26.30	ug/l	93
6) Chloroethane	1.70	64	4907	23.10	ug/l	95
7) Trichlorofluoromethane	1.89	101	9211	20.73	ug/l	98
8) Diethyl Ether	2.10	74	3645	19.80	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	5442	19.48	ug/l	98
10) Methyl Iodide	2.42	142	7071	18.58	ug/l	96
11) Tert butyl alcohol	2.83	59	6910	110.44	ug/l	98
12) 1,1-Dichloroethene	2.29	96	5327	20.07	ug/l	94
13) Acrolein	2.20	56	1775	24.90	ug/l	89
14) Allyl chloride	2.60	41	8655	19.44	ug/l	96
15) Acrylonitrile	2.95	53	18198	107.49	ug/l	96
16) Acetone	2.33	43	19771	113.46	ug/l	98
17) Carbon Disulfide	2.48	76	14765	19.13	ug/l	97
18) Methyl Acetate	2.62	43	9276	23.81	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	17915	20.63	ug/l	99
20) Methylene Chloride	2.71	84	7635	24.53	ug/l	93
21) trans-1,2-Dichloroethene	2.99	96	5832	20.35	ug/l	95
22) Diisopropyl ether	3.58	45	15555	18.96	ug/l #	88
23) Vinyl Acetate	3.54	43	57197	87.57	ug/l	99
24) 1,1-Dichloroethane	3.45	63	10284	20.86	ug/l	99
25) 2-Butanone	4.28	43	19345	95.83	ug/l	98
26) 2,2-Dichloropropane	4.24	77	6915	18.51	ug/l	79
27) cis-1,2-Dichloroethene	4.23	96	6057	19.70	ug/l	99
28) Bromochloromethane	4.55	49	2811	12.79	ug/l #	97
29) Tetrahydrofuran	4.66	42	12418	104.54	ug/l	98
30) Chloroform	4.68	83	10051	19.94	ug/l	99
31) Cyclohexane	5.00	56	8855	18.87	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	7789	18.94	ug/l	99
36) 1,1-Dichloropropene	5.14	75	7590	18.45	ug/l	98
37) Ethyl Acetate	4.40	43	7312	19.94	ug/l #	85
38) Carbon Tetrachloride	5.14	117	6113	16.26	ug/l	98

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 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\82U021418W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	8688	16.95	ug/l	97
40) Benzene	5.39	78	23277	19.03	ug/l	99
41) Methacrylonitrile	4.56	41	3978	19.00	ug/l #	89
42) 1,2-Dichloroethane	5.41	62	8248	19.97	ug/l	86
43) Isopropyl Acetate	5.56	43	10628	17.86	ug/l	97
44) Trichloroethene	6.19	130	6590	19.43	ug/l	98
45) 1,2-Dichloropropane	6.44	63	5813	18.31	ug/l	98
46) Dibromomethane	6.57	93	4093	18.85	ug/l	97
47) Bromodichloromethane	6.76	83	6238	16.19	ug/l	92
48) Methyl methacrylate	6.63	41	5364	17.39	ug/l #	91
49) 1,4-Dioxane	6.63	88	2499	343.26	ug/l #	93
51) 4-Methyl-2-Pentanone	7.47	43	35011	88.64	ug/l	97
52) Toluene	7.64	92	13584	17.74	ug/l	100
53) t-1,3-Dichloropropene	7.89	75	5532	13.45	ug/l	96
54) cis-1,3-Dichloropropene	7.28	75	6657	14.42	ug/l	95
55) 1,1,2-Trichloroethane	8.08	97	5671	18.49	ug/l	95
56) Ethyl methacrylate	8.03	69	6352	14.50	ug/l	94
57) 1,3-Dichloropropane	8.25	76	9336	18.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.14	63	2792	25.85	ug/l	93
59) 2-Hexanone	8.37	43	25170	83.33	ug/l	93
60) Dibromochloromethane	8.48	129	4191	14.06	ug/l	97
61) 1,2-Dibromoethane	8.59	107	5427	16.44	ug/l	98
64) Tetrachloroethene	8.23	164	6522	18.29	ug/l	94
65) Chlorobenzene	9.13	112	15206	15.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	4319	13.63	ug/l	98
67) Ethyl Benzene	9.26	91	25316	15.43	ug/l	99
68) m/p-Xylenes	9.38	106	17717	28.33	ug/l	99
69) o-Xylene	9.79	106	9045	15.26	ug/l	97
70) Styrene	9.80	104	13818	14.07	ug/l	97
71) Bromoform	9.97	173	3035	12.21	ug/l #	99
73) Isopropylbenzene	10.17	105	24623	15.67	ug/l	99
74) N-amyl acetate	10.03	43	6339	11.24	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	8625	16.32	ug/l	100
76) 1,2,3-Trichloropropane	10.23	75	1064	2.42	ug/l	90
77) Bromobenzene	10.46	156	6906	16.57	ug/l	87
78) n-propylbenzene	10.59	91	28417	15.01	ug/l	100
79) 2-Chlorotoluene	10.67	91	18444	16.65	ug/l	95
80) 1,3,5-Trimethylbenzene	10.78	105	19079	14.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	8037	50.93	ug/l #	100
82) 4-Chlorotoluene	10.78	91	19090	14.87	ug/l	97
83) tert-Butylbenzene	11.10	119	19717	15.53	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	19463	14.33	ug/l	99
85) sec-Butylbenzene	11.33	105	26443	16.15	ug/l	99
86) p-Isopropyltoluene	11.48	119	21073	14.46	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	12520	15.77	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	12890	15.63	ug/l	98
89) n-Butylbenzene	11.90	91	19094	14.20	ug/l	98
90) Hexachloroethane	12.15	117	2717	12.60	ug/l	96
91) 1,2-Dichlorobenzene	11.89	146	12020	15.50	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.66	75	1120	11.71	ug/l	93

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Quant Title : SW846 8260
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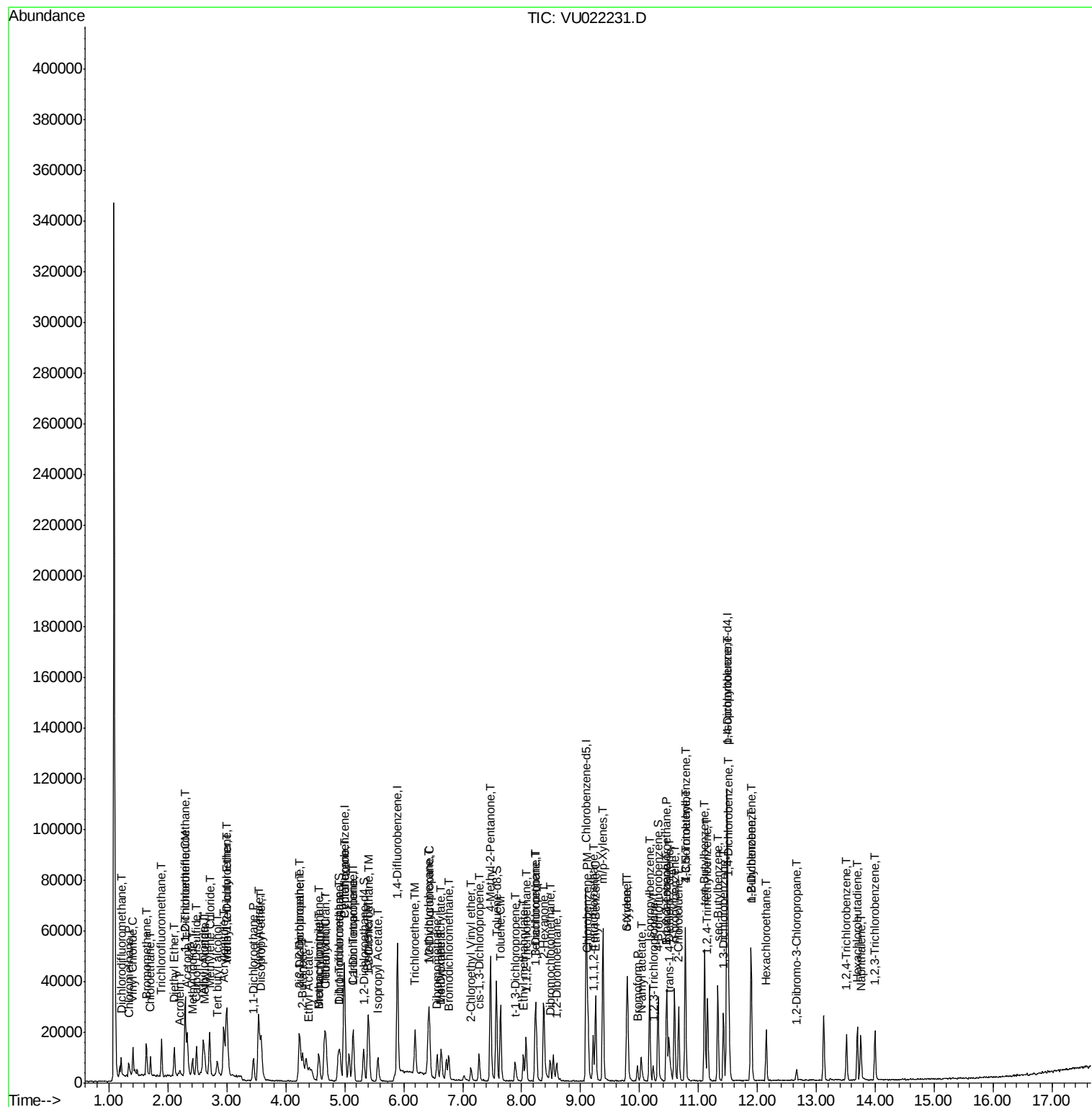
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	6607	12.70	ug/l	98
94) Hexachlorobutadiene	13.70	225	4062	14.91	ug/l	90
95) Naphthalene	13.75	128	17085	12.28	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	7044	13.89	ug/l	98

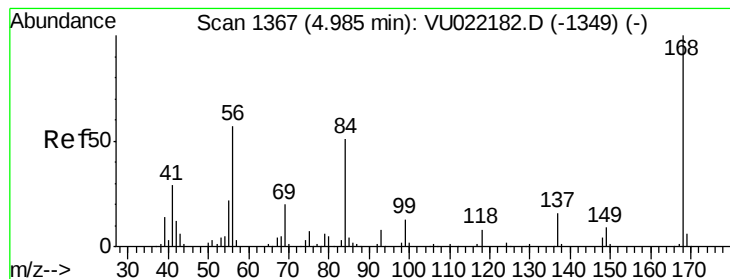
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

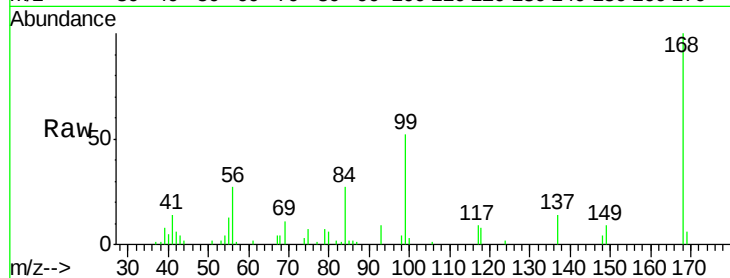
Instrument :
ClientSampled :
BFB

Tgt Ion:168 Resp: 27536

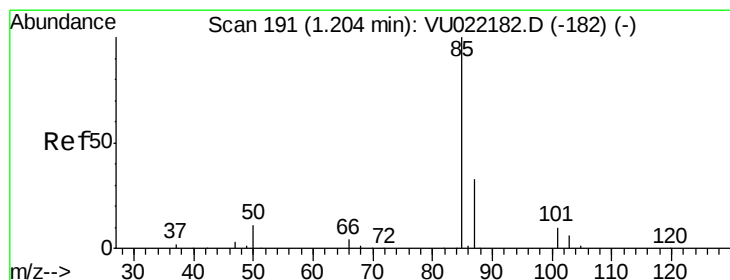
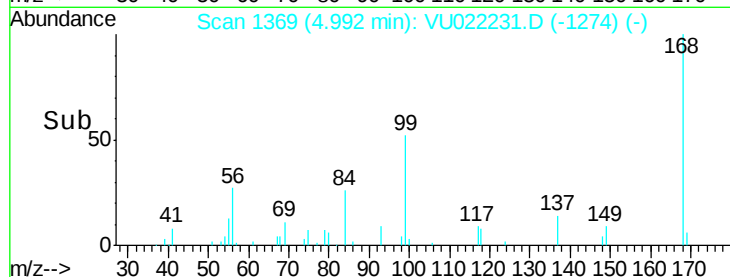
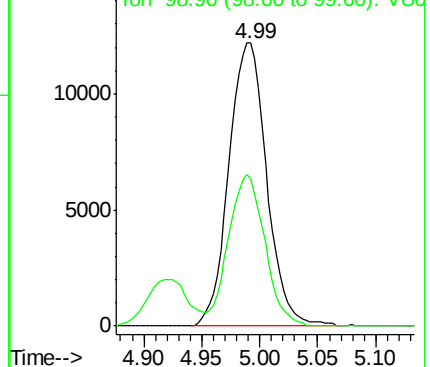
Ion Ratio Lower Upper

168 100

99 52.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VU022182.D (-1349) (-)



#2

Dichlorodifluoromethane

Concen: 21.31 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU022231.D

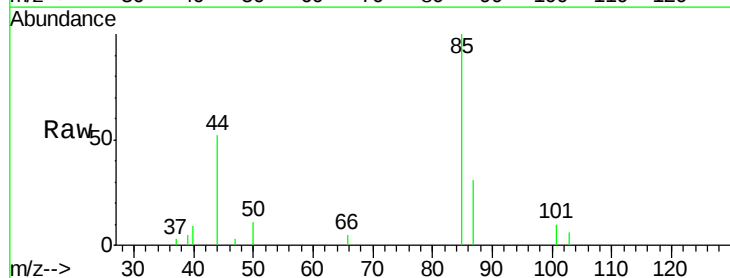
Acq: 15 Feb 2018 14:06

Tgt Ion: 85 Resp: 5325

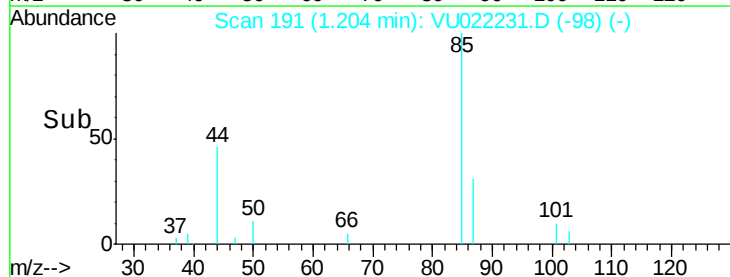
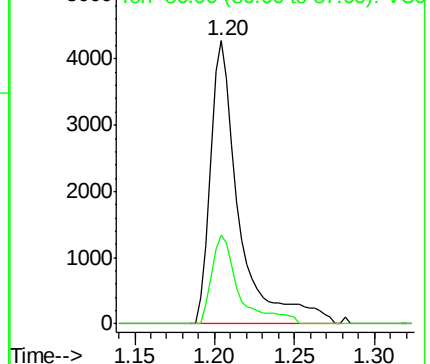
Ion Ratio Lower Upper

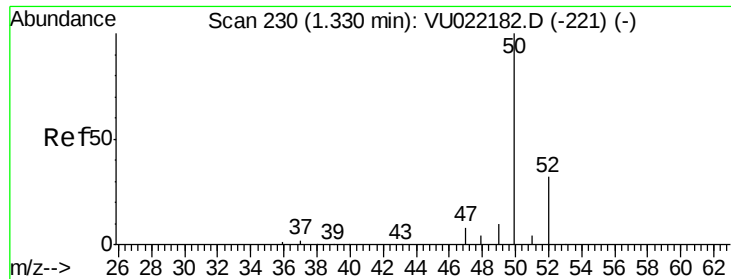
85 100

87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VU022182.D (-182) (-)

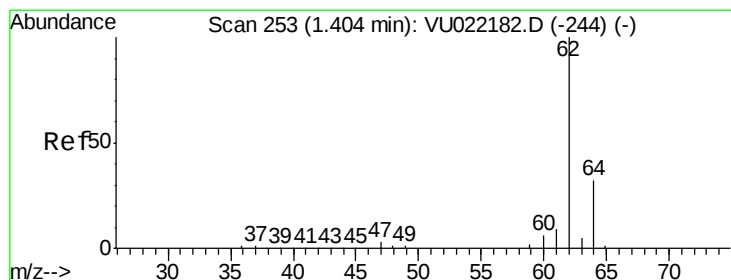
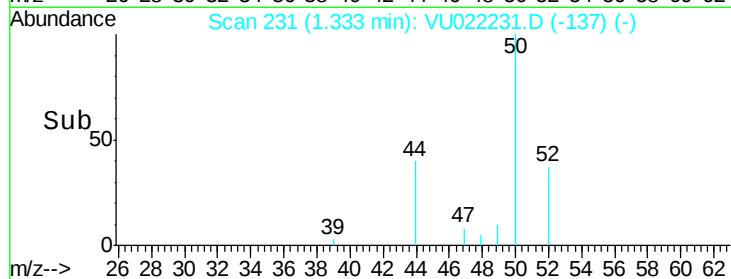
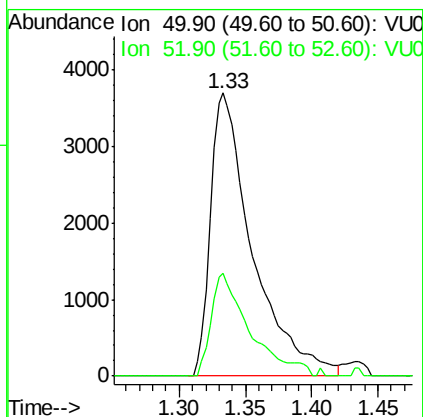
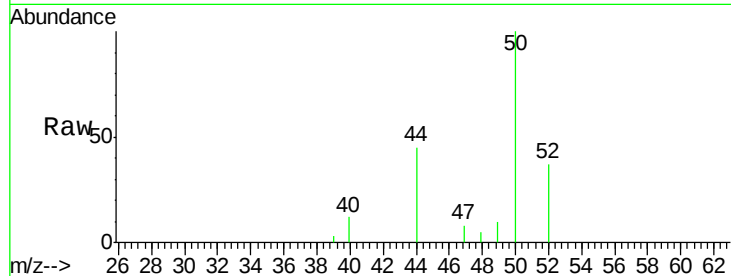




#3
 Chloromethane
 Concen: 24.56 ug/l
 RT: 1.33 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

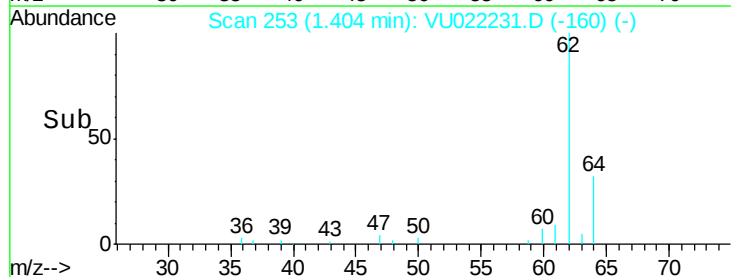
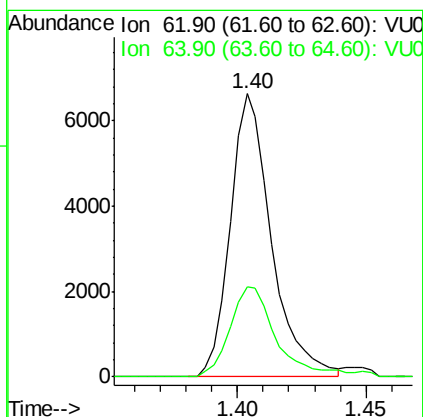
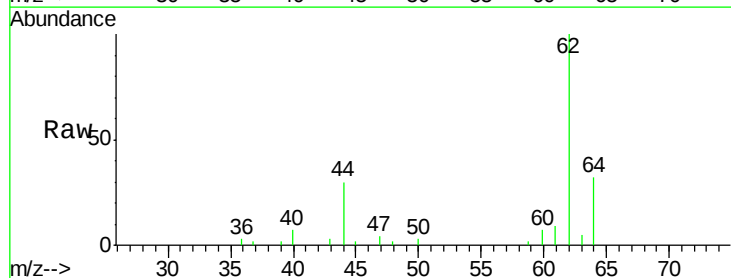
Instrument :
 ClientSampleId :
 BFB

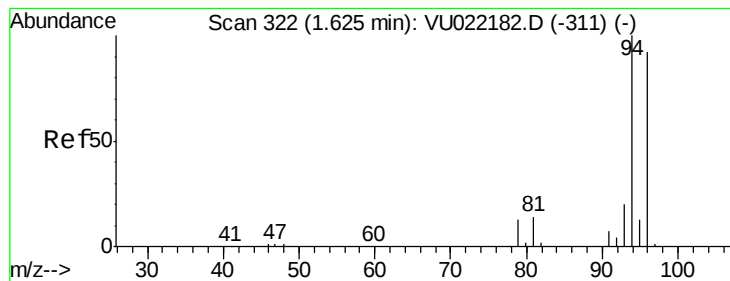
Tgt Ion: 50 Resp: 8140
 Ion Ratio Lower Upper
 50 100
 52 36.6 25.9 38.9



#4
 Vinyl Chloride
 Concen: 21.93 ug/l
 RT: 1.40 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion: 62 Resp: 7368
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.4 38.2





#5

Bromomethane

Concen: 26.30 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :

ClientSampled :

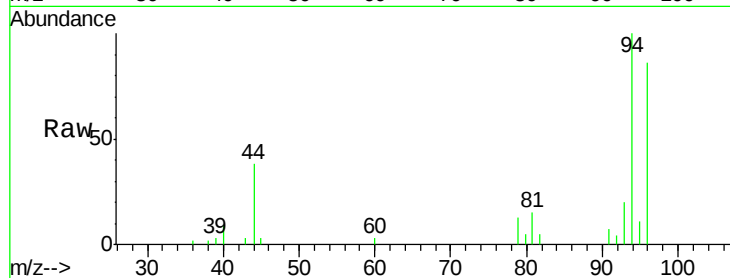
BFB

Tgt Ion: 94 Resp: 6334

Ion Ratio Lower Upper

94 100

96 86.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.64

4000

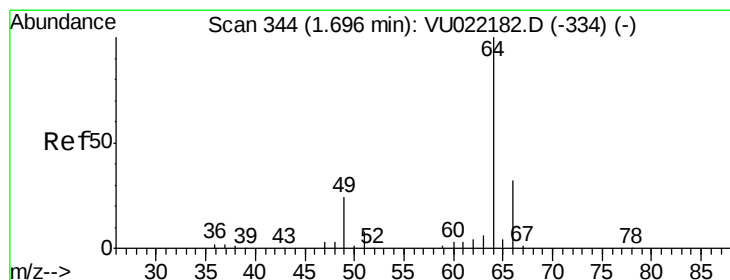
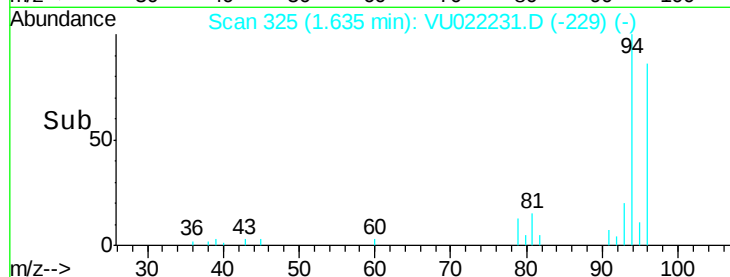
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 23.10 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU022231.D

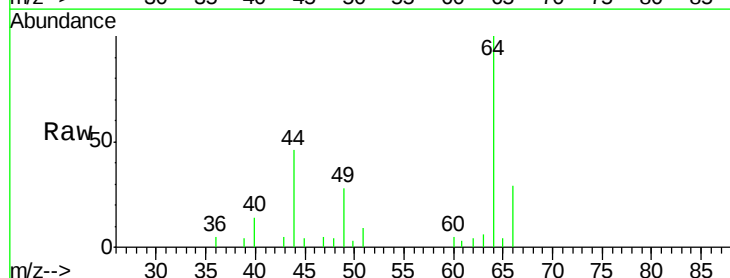
Acq: 15 Feb 2018 14:06

Tgt Ion: 64 Resp: 4907

Ion Ratio Lower Upper

64 100

66 29.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

4000

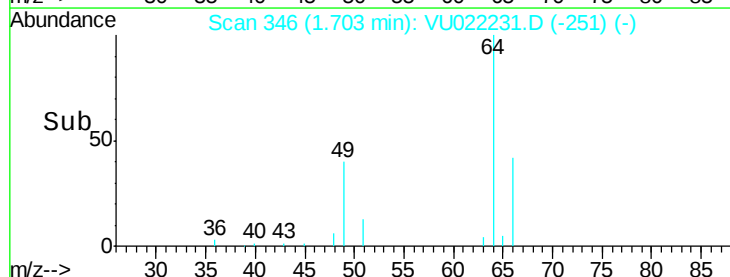
3000

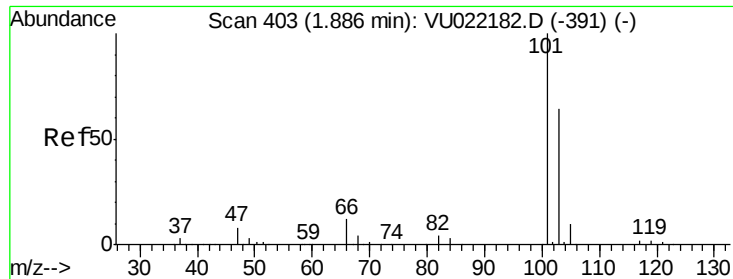
2000

1000

0

Time-->





#7

Trichlorofluoromethane

Concen: 20.73 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

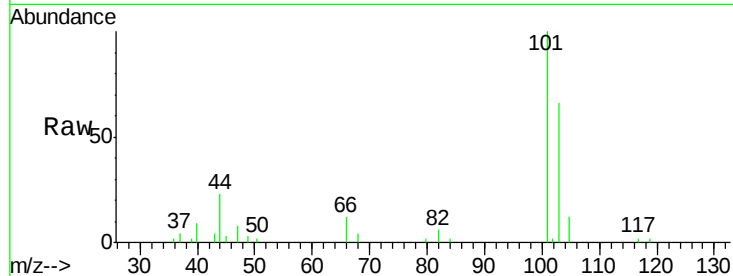
Instrument :
ClientSampled :
BFB

Tgt Ion:101 Resp: 9211

Ion Ratio Lower Upper

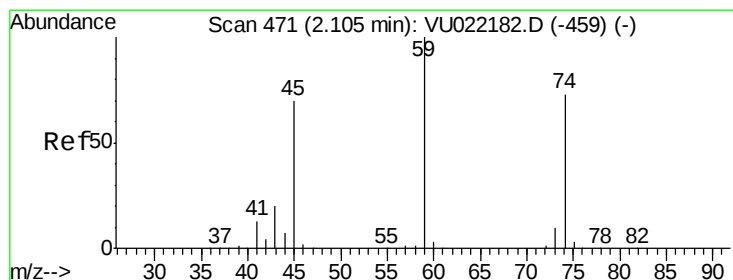
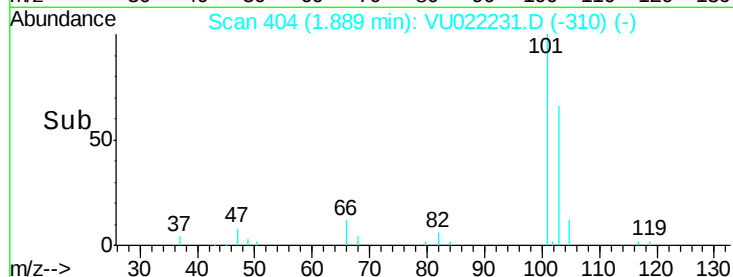
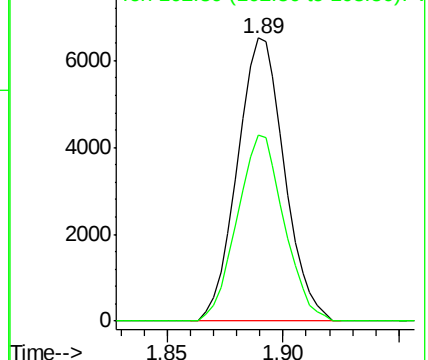
101 100

103 65.6 51.0 76.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.80 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU022231.D

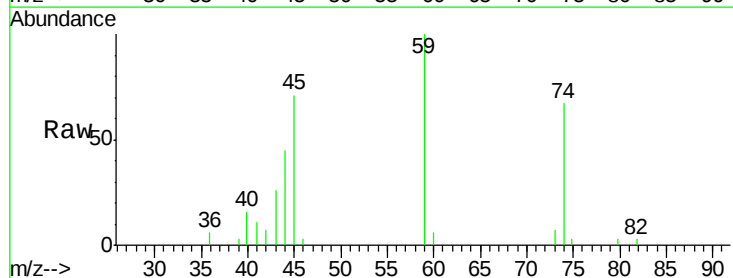
Acq: 15 Feb 2018 14:06

Tgt Ion: 74 Resp: 3645

Ion Ratio Lower Upper

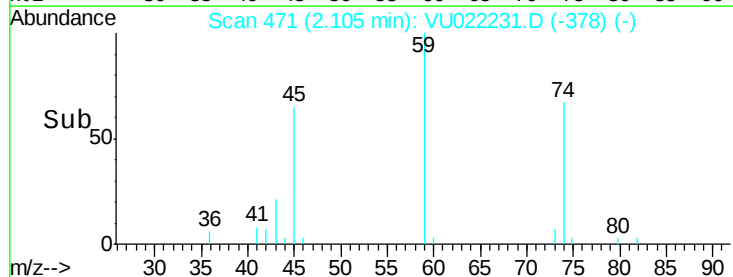
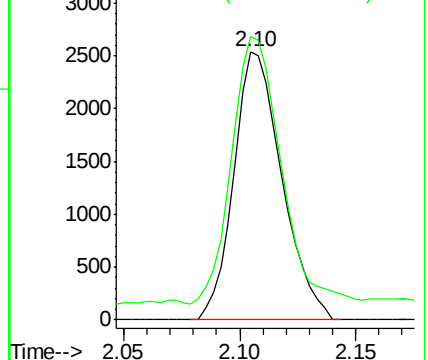
74 100

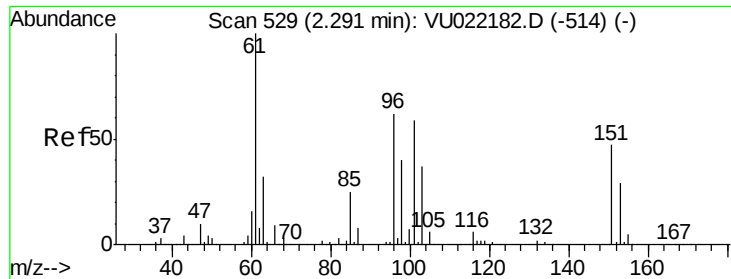
45 102.7 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.48 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

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ClientSampled :

BFB

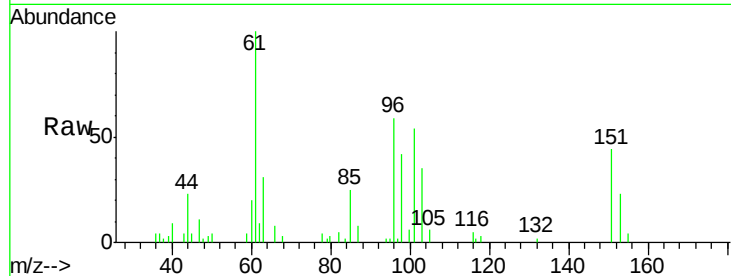
Tgt Ion:101 Resp: 5442

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

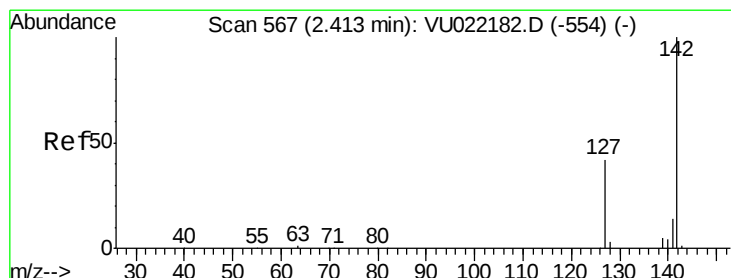
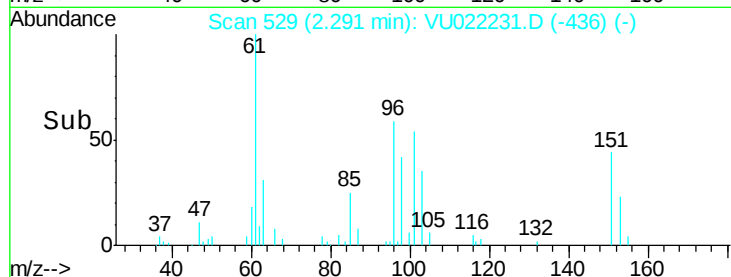
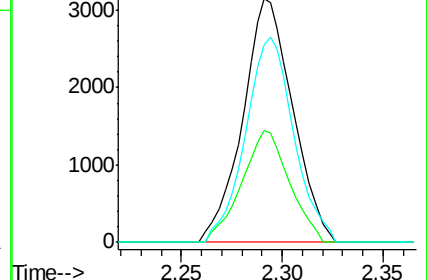
151 81.4 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.58 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

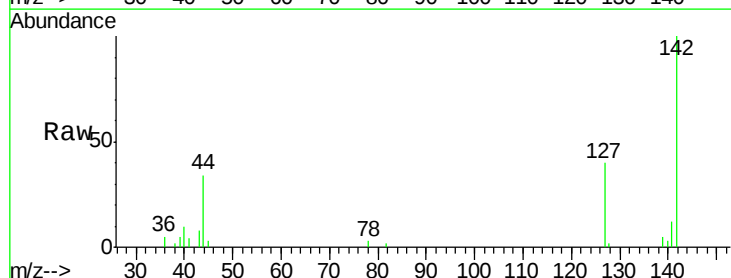
Tgt Ion:142 Resp: 7071

Ion Ratio Lower Upper

142 100

127 40.3 33.8 50.6

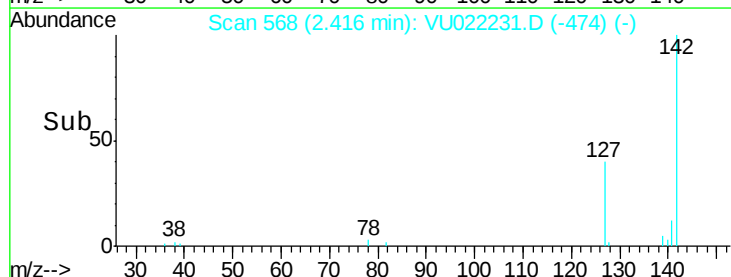
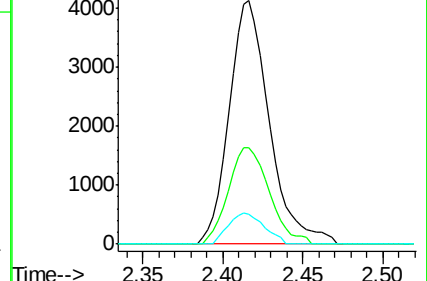
141 11.3 11.1 16.7

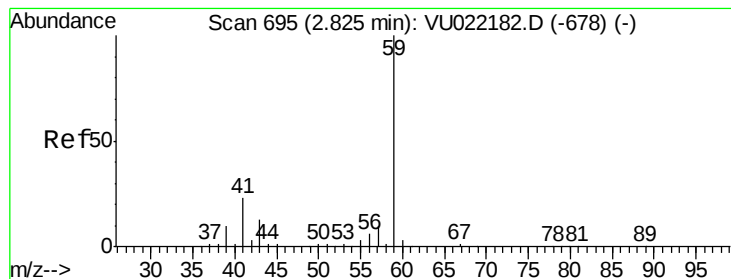


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



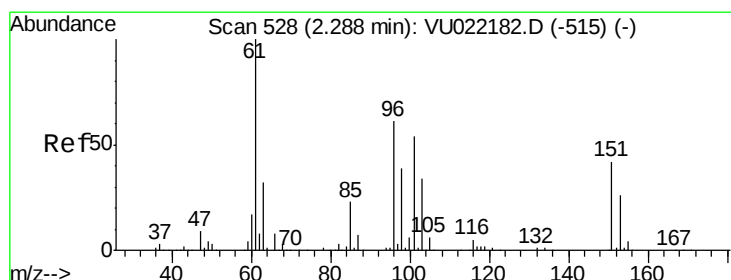
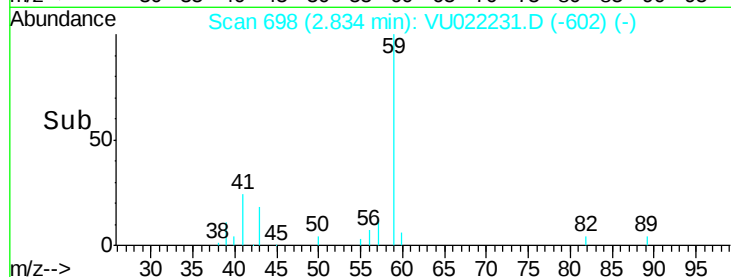
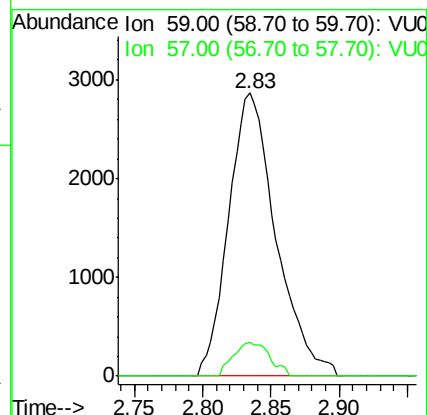
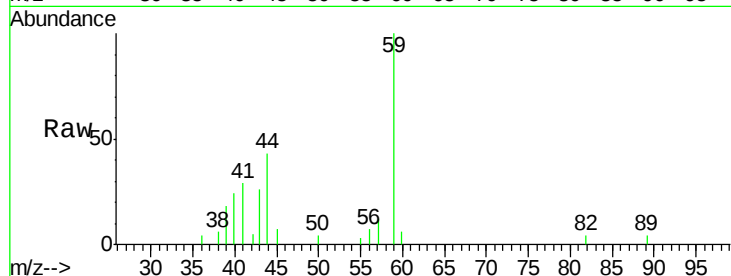


#11

Tert butyl alcohol
 Concen: 110.44 ug/l
 RT: 2.83 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Instrument :
 ClientSampled :
 BFB

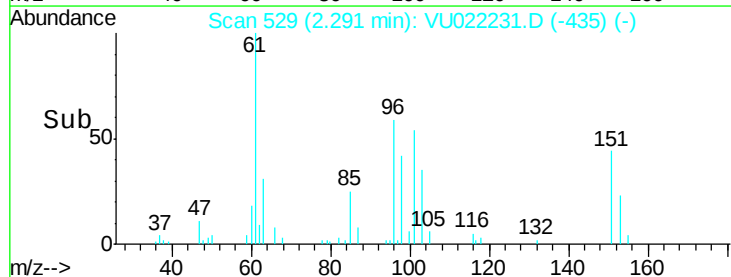
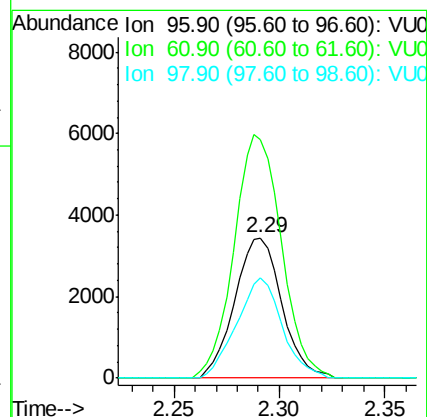
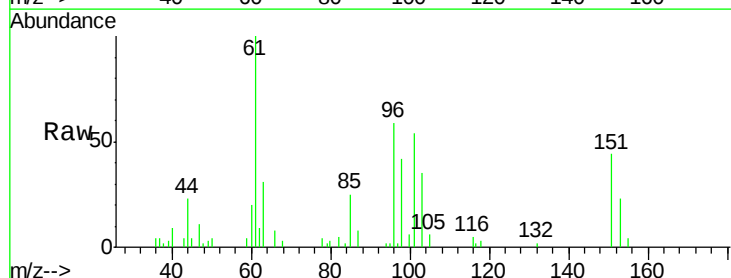
Tgt Ion: 59 Resp: 6910
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.0 12.0

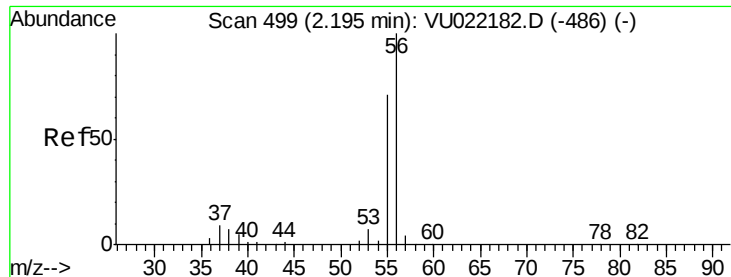


#12

1,1-Dichloroethene
 Concen: 20.07 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion: 96 Resp: 5327
 Ion Ratio Lower Upper
 96 100
 61 169.7 130.5 195.7
 98 70.9 51.1 76.7

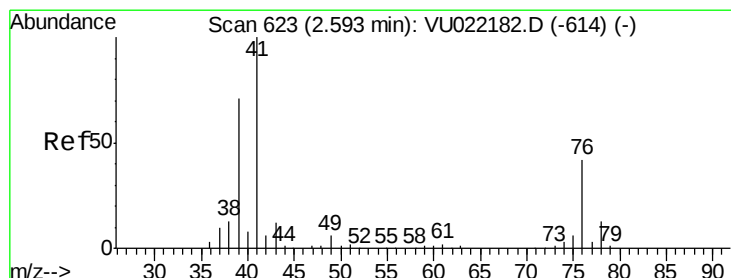
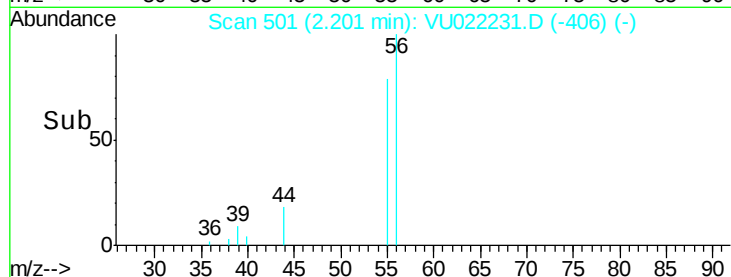
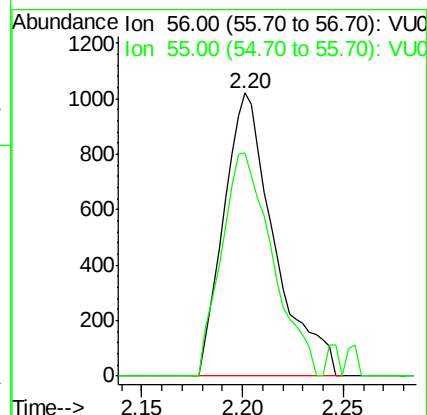
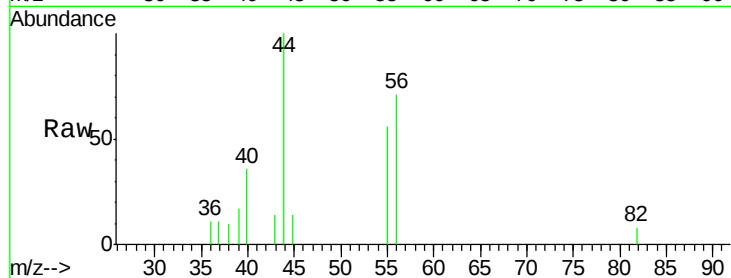




#13
Acrolein
Concen: 24.90 ug/l
RT: 2.20 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

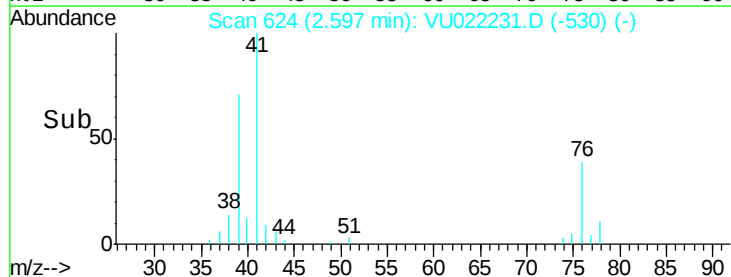
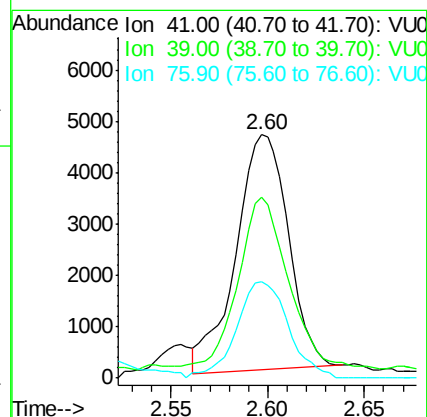
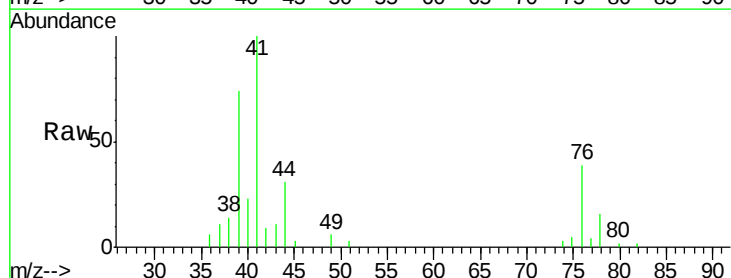
Instrument :
ClientSampled :
BFB

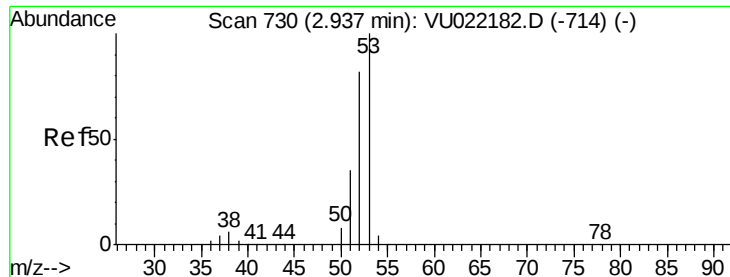
Tgt Ion: 56 Resp: 1775
Ion Ratio Lower Upper
56 100
55 79.5 56.5 84.7



#14
Allyl chloride
Concen: 19.44 ug/l
RT: 2.60 min Scan# 624
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 41 Resp: 8655
Ion Ratio Lower Upper
41 100
39 69.5 52.6 78.8
76 40.3 30.6 46.0





#15

Acrylonitrile

Concen: 107.49 ug/l

RT: 2.95 min Scan# 733

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

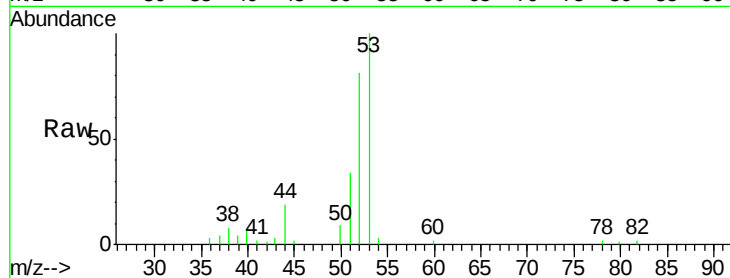
Tgt Ion: 53 Resp: 18198

Ion Ratio Lower Upper

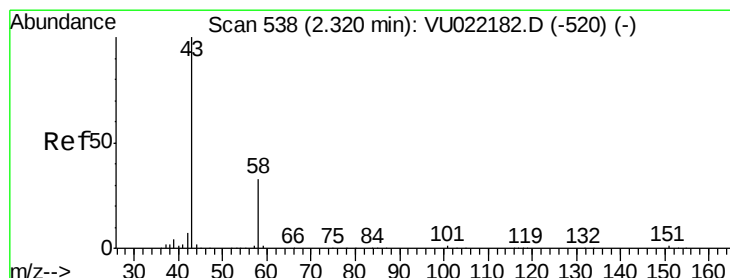
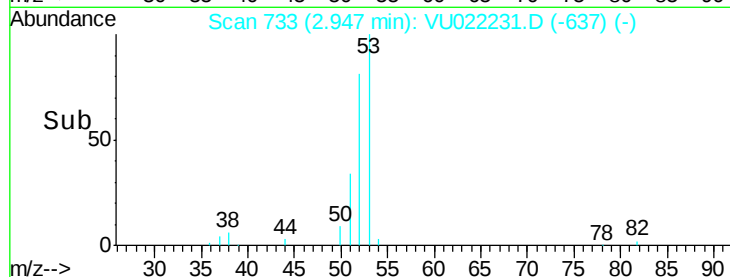
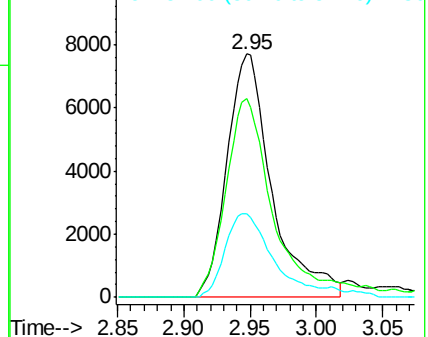
53 100

52 85.8 65.4 98.2

51 36.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 113.46 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU022231.D

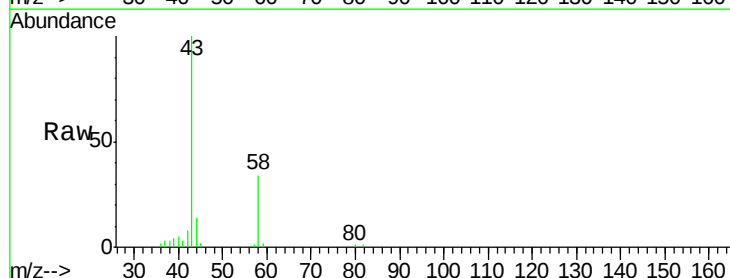
Acq: 15 Feb 2018 14:06

Tgt Ion: 43 Resp: 19771

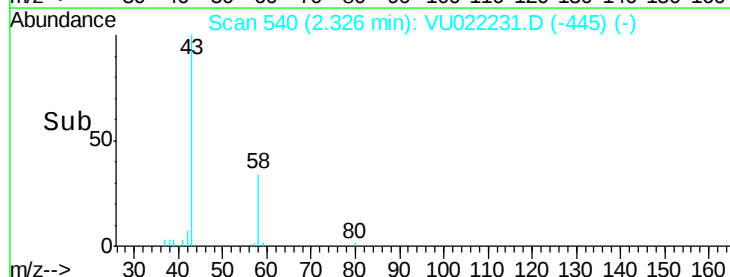
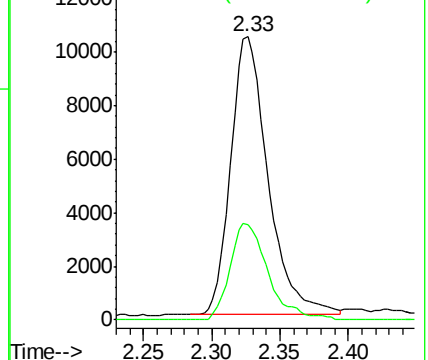
Ion Ratio Lower Upper

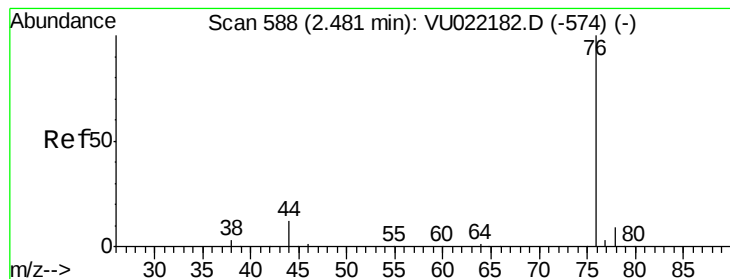
43 100

58 34.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 19.13 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :

ClientSampled :

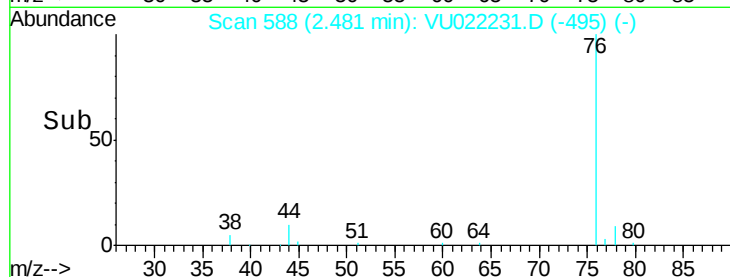
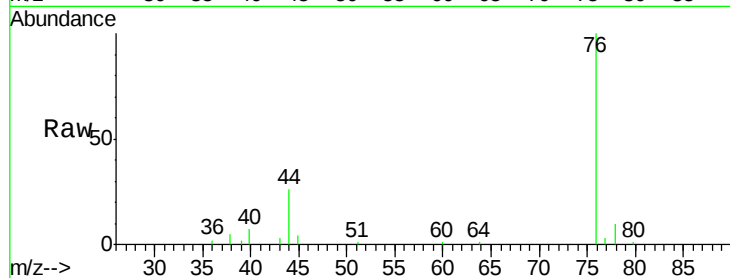
BFB

Tgt Ion: 76 Resp: 14765

Ion Ratio Lower Upper

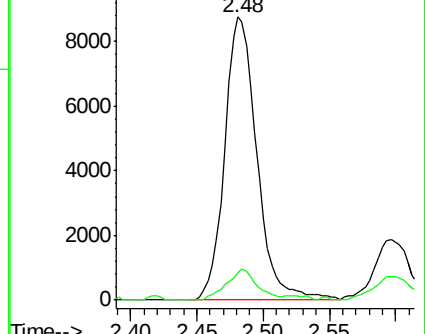
76 100

78 9.9 7.0 10.4

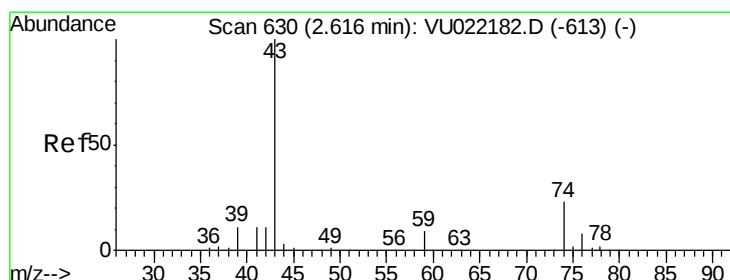


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#18

Methyl Acetate

Concen: 23.81 ug/l

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU022231.D

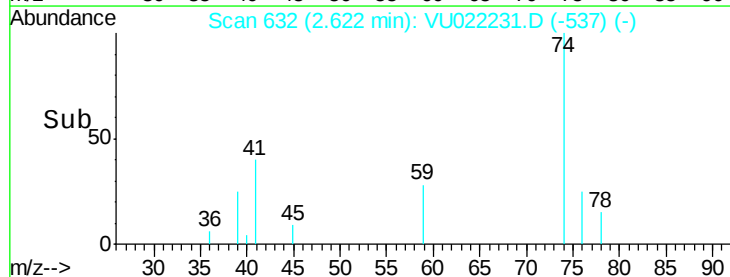
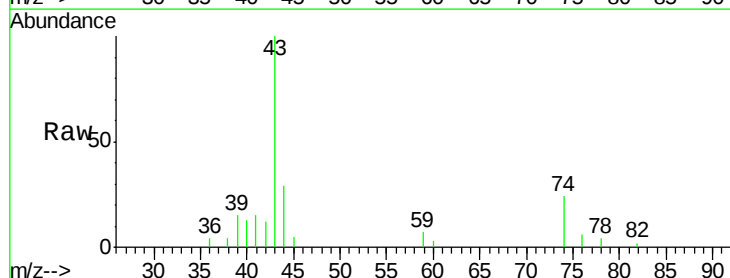
Acq: 15 Feb 2018 14:06

Tgt Ion: 43 Resp: 9276

Ion Ratio Lower Upper

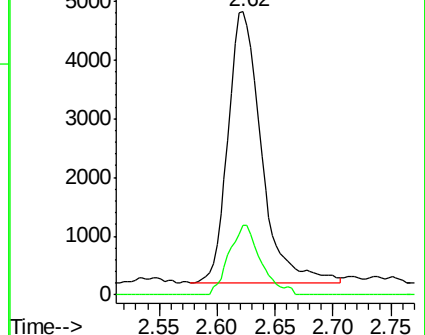
43 100

74 24.2 19.1 28.7

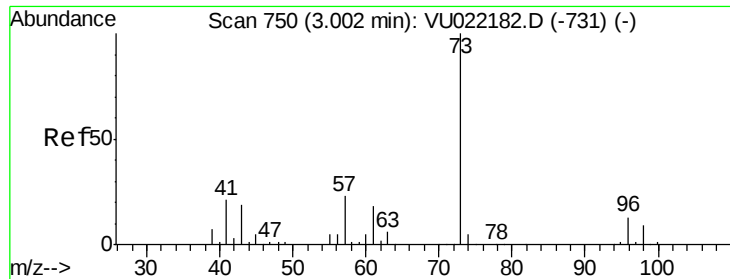


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



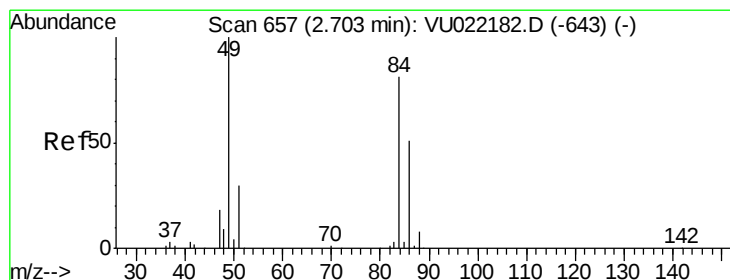
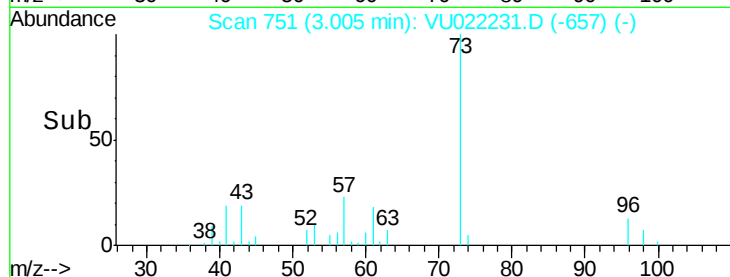
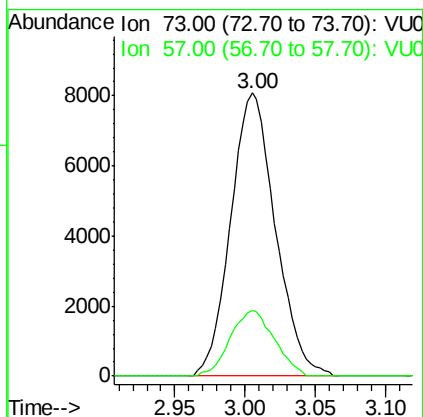
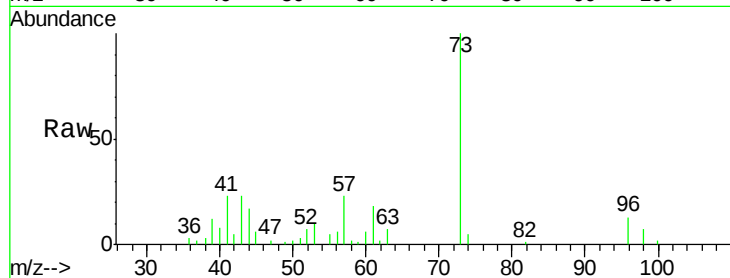
Time-->



#19
Methyl tert-butyl Ether
Concen: 20.63 ug/l
RT: 3.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

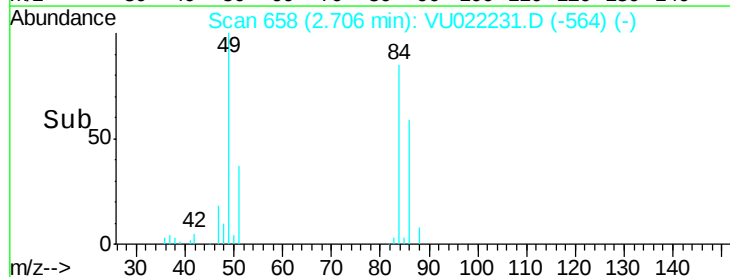
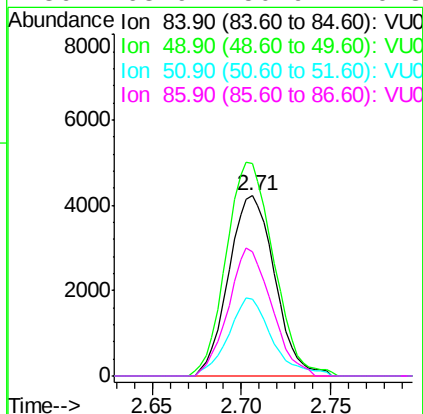
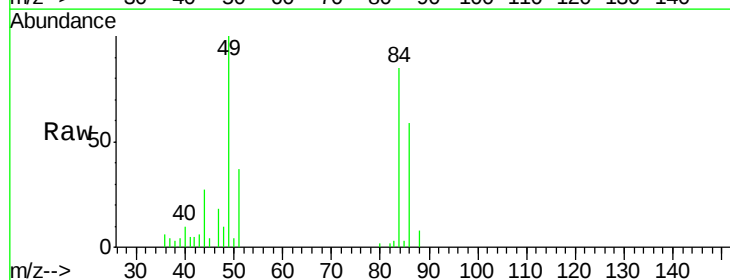
Instrument :
ClientSampleId :
BFB

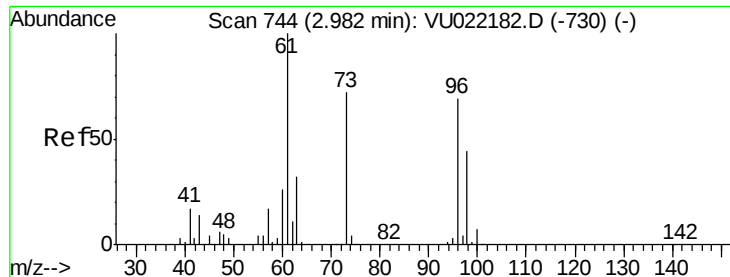
Tgt Ion: 73 Resp: 17915
Ion Ratio Lower Upper
73 100
57 23.4 18.4 27.6



#20
Methylene Chloride
Concen: 24.53 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 84 Resp: 7635
Ion Ratio Lower Upper
84 100
49 117.6 99.3 148.9
51 43.0 29.8 44.6
86 68.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 20.35 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :

ClientSampled :

BFB

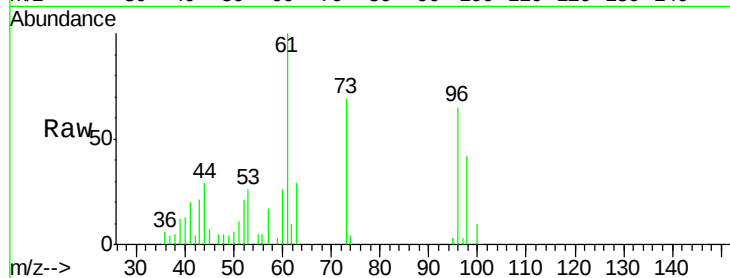
Tgt Ion: 96 Resp: 5832

Ion Ratio Lower Upper

96 100

61 153.5 115.7 173.5

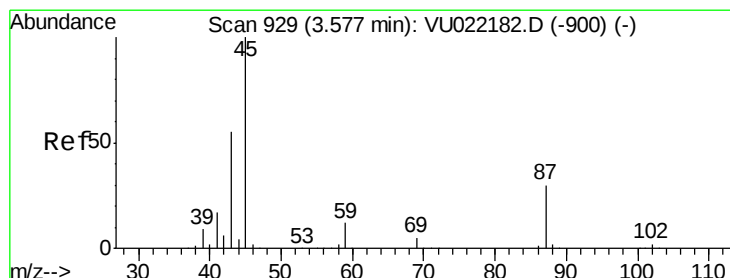
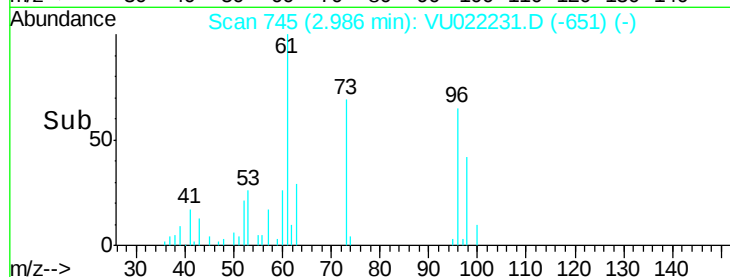
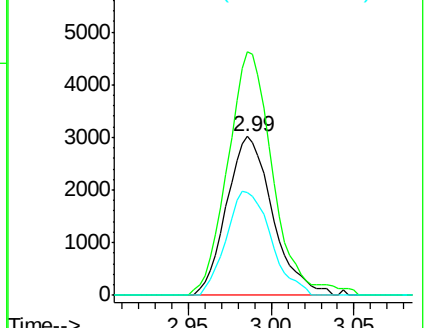
98 65.1 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 18.96 ug/l

RT: 3.58 min Scan# 930

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Tgt Ion: 45 Resp: 15555

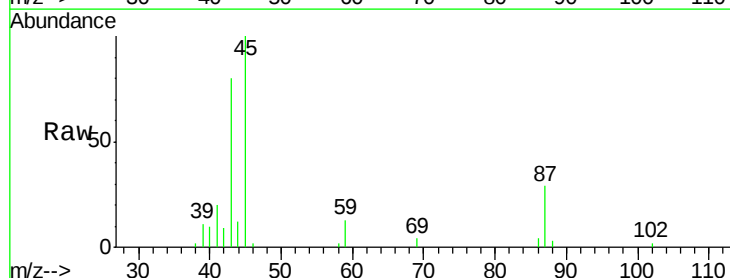
Ion Ratio Lower Upper

45 100

43 68.6 44.2 66.4#

87 28.5 24.0 36.0

59 13.1 9.6 14.4

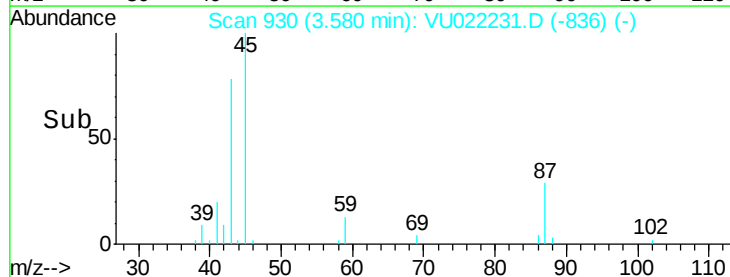
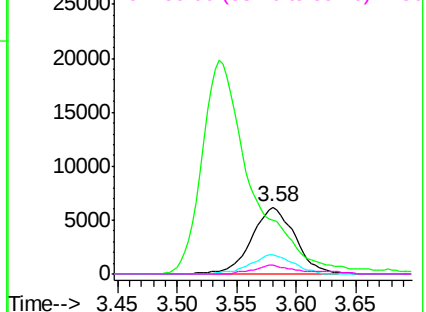


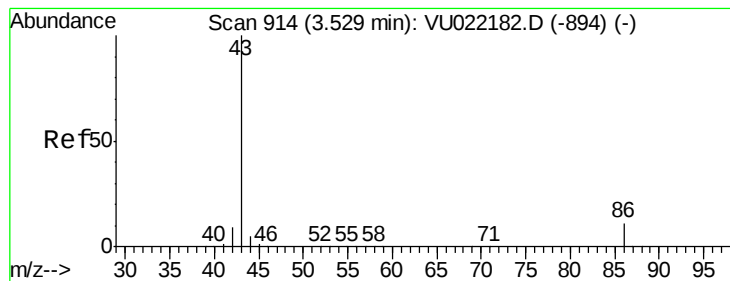
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 87.57 ug/l

RT: 3.54 min Scan# 916

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

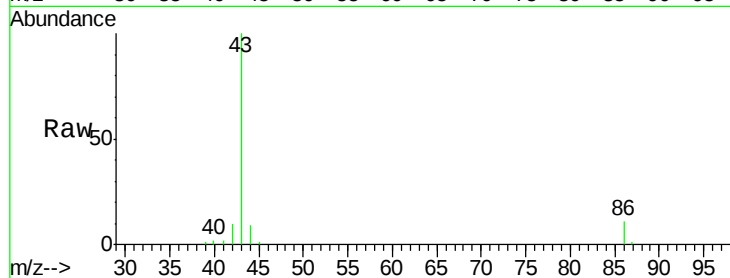
Instrument :
ClientSampled :
BFB

Tgt Ion: 43 Resp: 57197

Ion Ratio Lower Upper

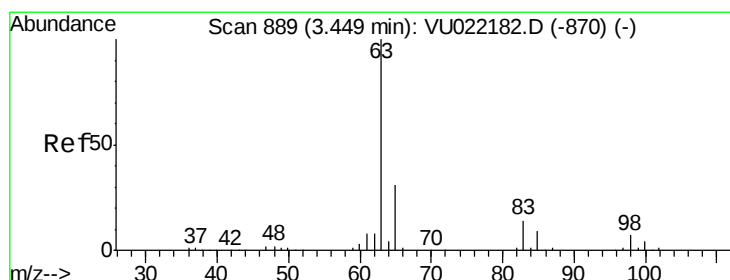
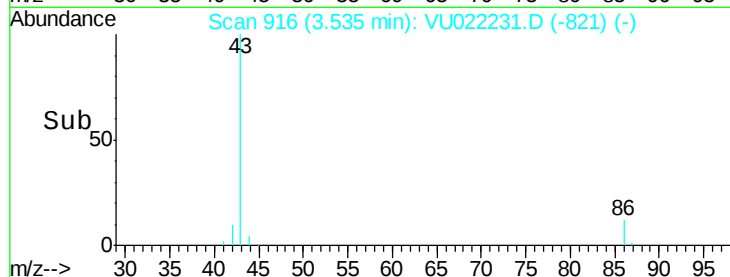
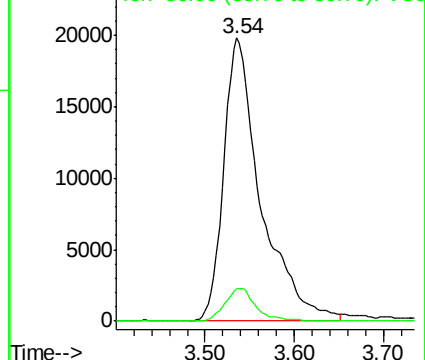
43 100

86 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.86 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

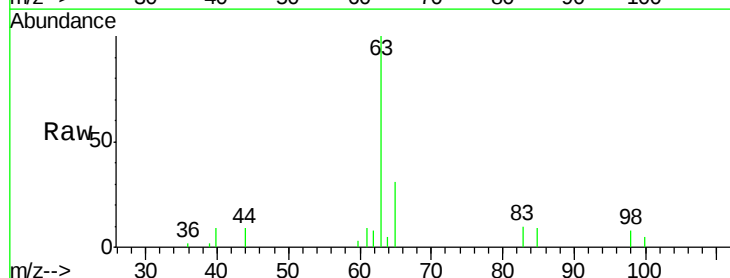
Tgt Ion: 63 Resp: 10284

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

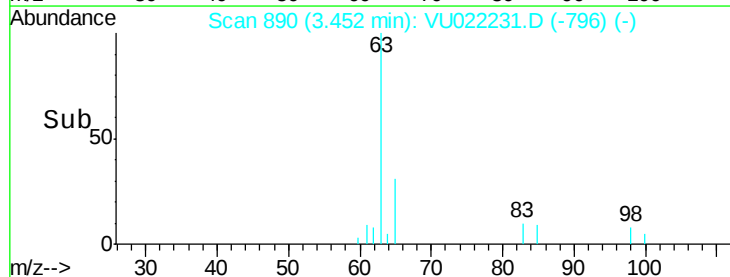
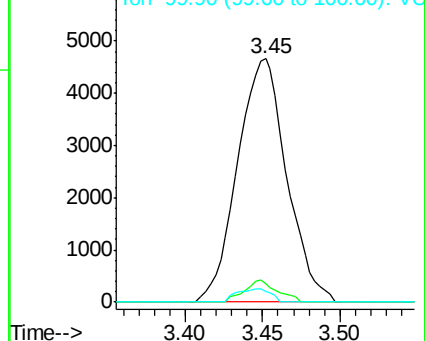
100 4.5 2.1 6.5

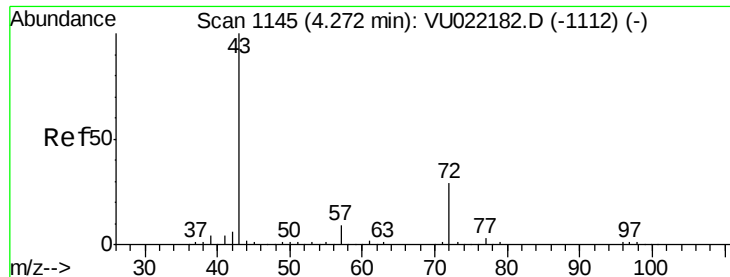


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 95.83 ug/l

RT: 4.28 min Scan# 1148

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

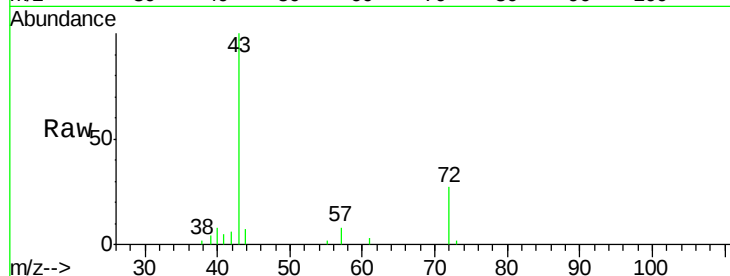
Instrument :
ClientSampled :
BFB

Tgt Ion: 43 Resp: 19345

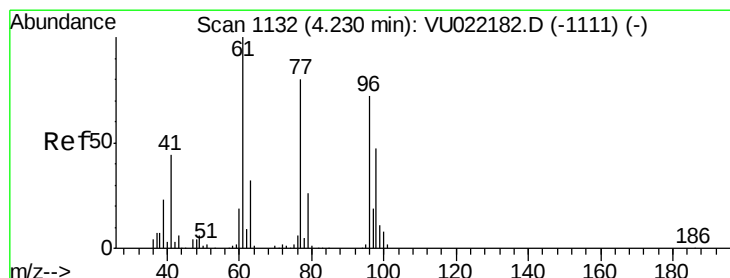
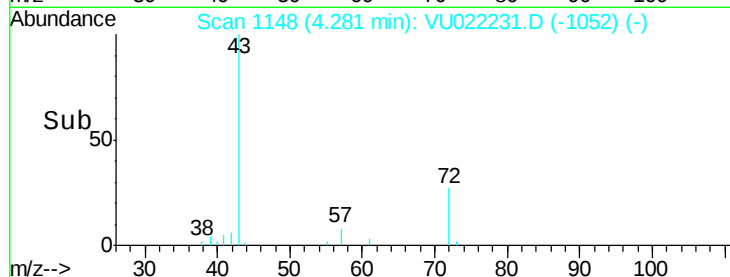
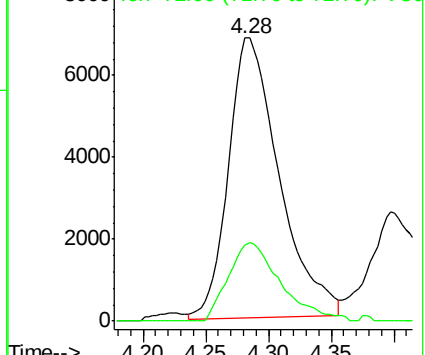
Ion Ratio Lower Upper

43 100

72 27.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 18.51 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.01 min

Lab File: VU022231.D

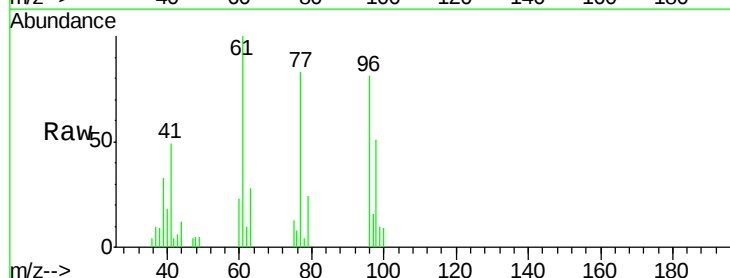
Acq: 15 Feb 2018 14:06

Tgt Ion: 77 Resp: 6915

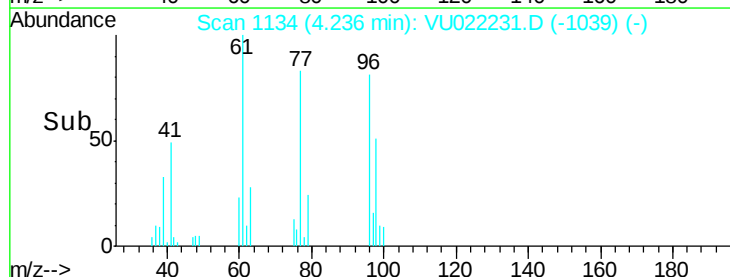
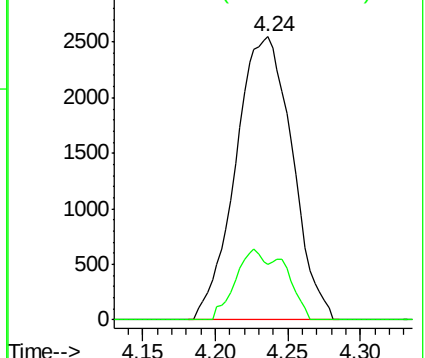
Ion Ratio Lower Upper

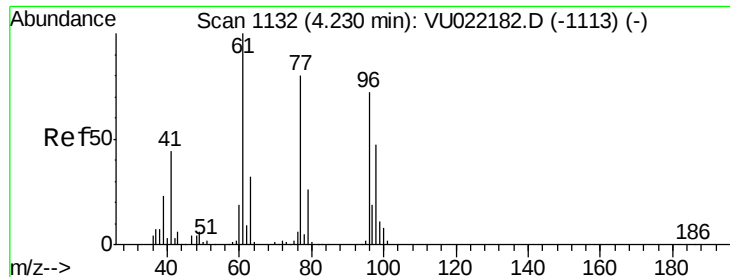
77 100

97 13.7 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VU0
Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 19.70 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

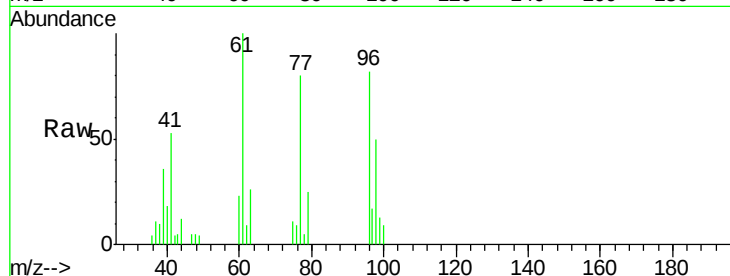
Tgt Ion: 96 Resp: 6057

Ion Ratio Lower Upper

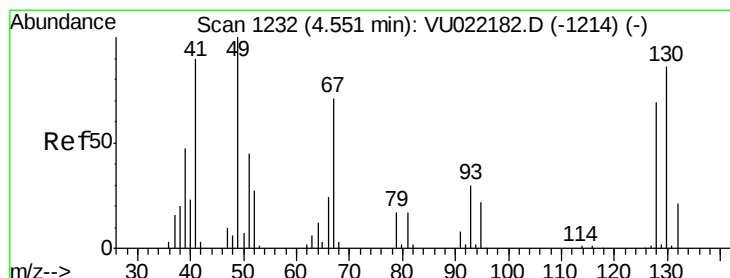
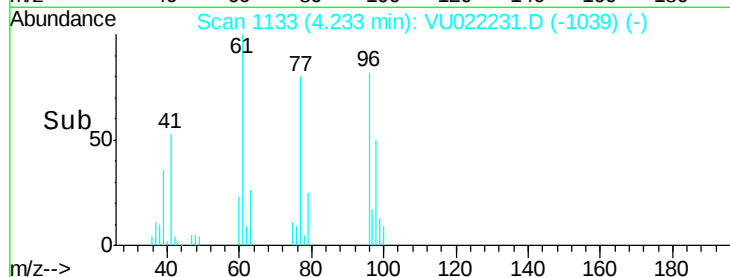
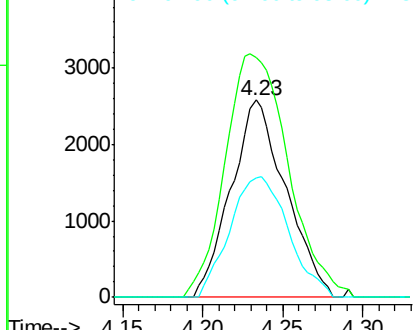
96 100

61 142.3 0.0 282.2

98 65.2 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 12.79 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

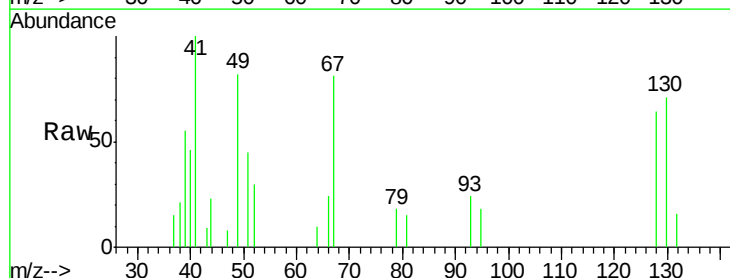
Tgt Ion: 49 Resp: 2811

Ion Ratio Lower Upper

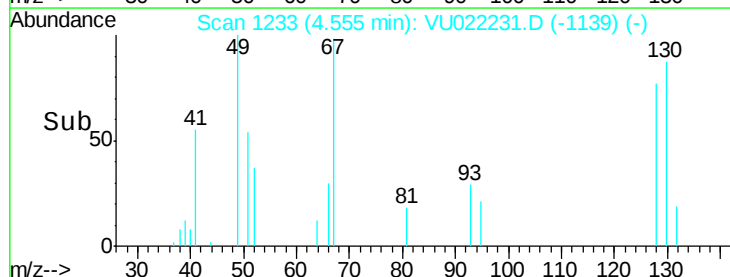
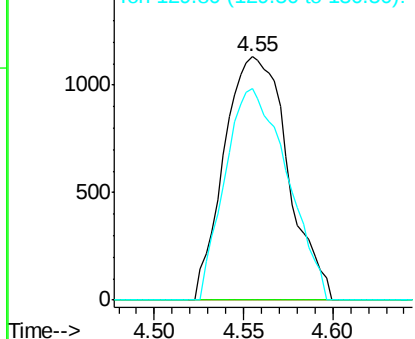
49 100

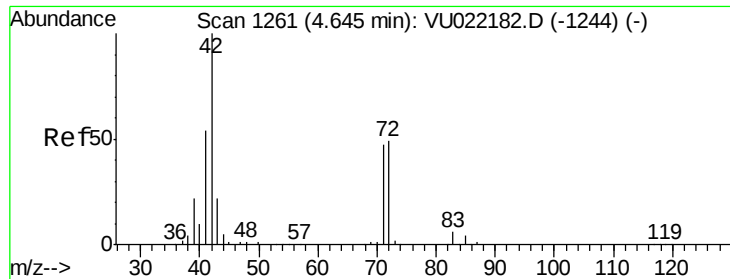
129 0.0 0.0 4.2

130 85.0 70.6 105.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

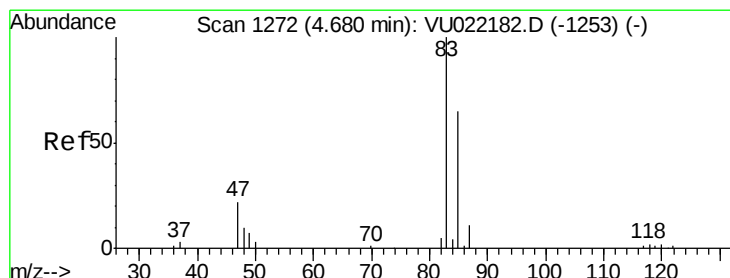
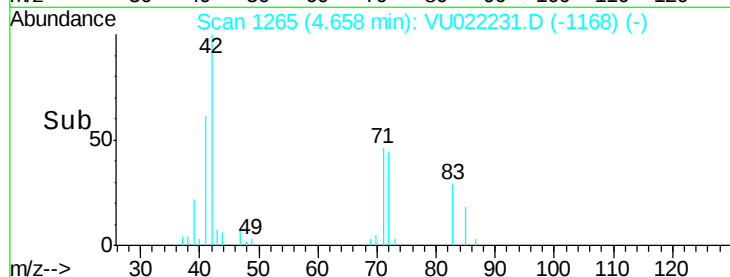
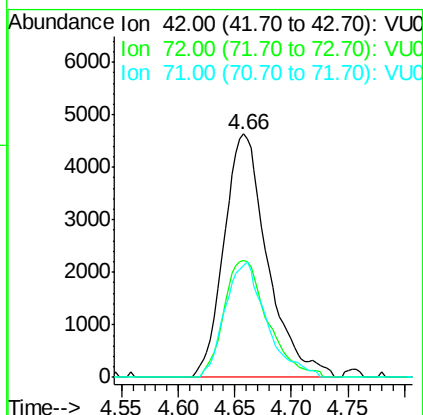
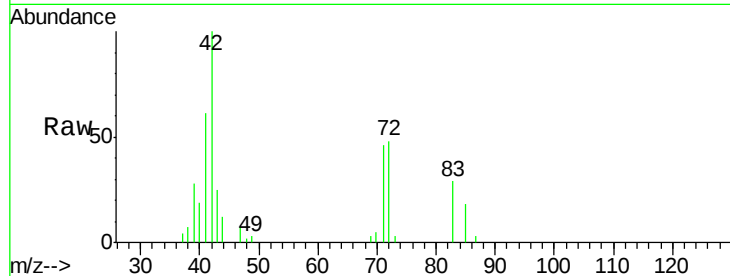




#29
Tetrahydrofuran
Concen: 104.54 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VU02231.D
Acq: 15 Feb 2018 14:06

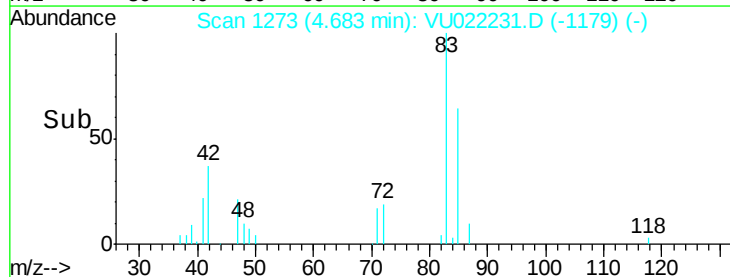
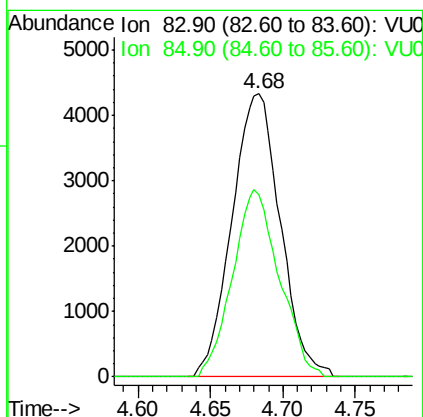
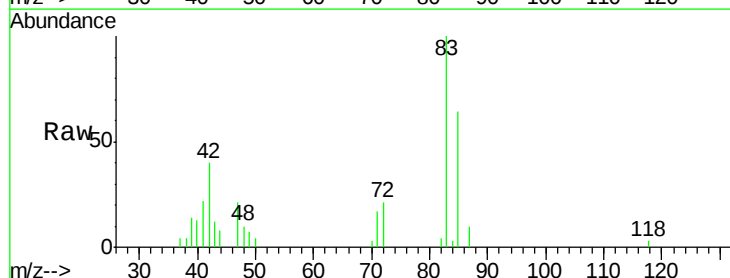
Instrument :
ClientSampled :
BFB

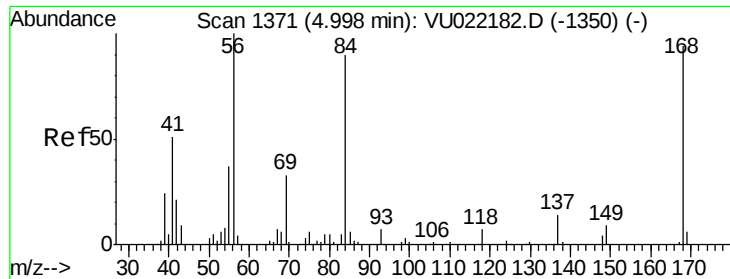
Tgt Ion: 42 Resp: 12418
Ion Ratio Lower Upper
42 100
72 47.9 39.3 58.9
71 45.1 37.2 55.8



#30
Chloroform
Concen: 19.94 ug/l
RT: 4.68 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU02231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 83 Resp: 10051
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.2

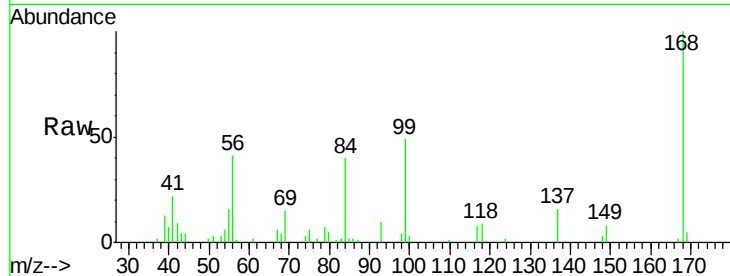




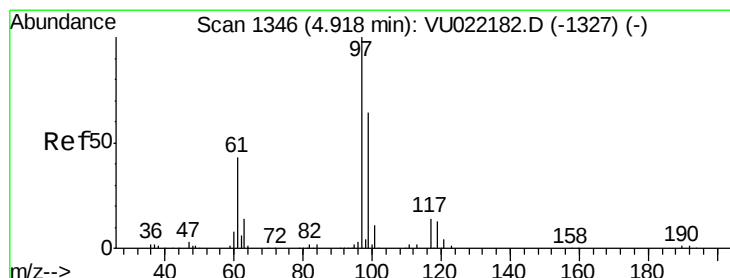
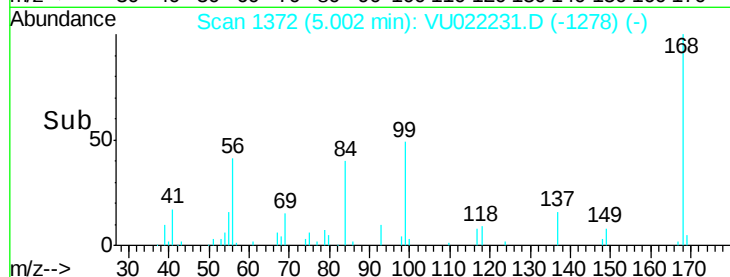
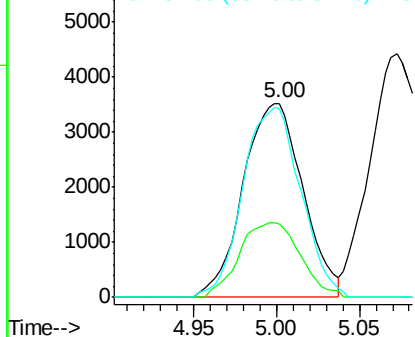
#31
Cyclohexane
Concen: 18.87 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

Tgt Ion: 56 Resp: 8855
Ion Ratio Lower Upper
56 100
69 37.6 26.2 39.2
84 97.1 71.9 107.9

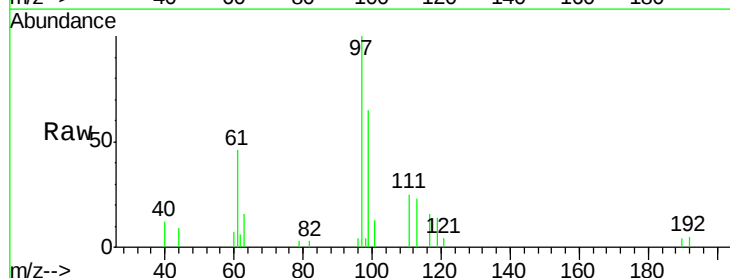


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

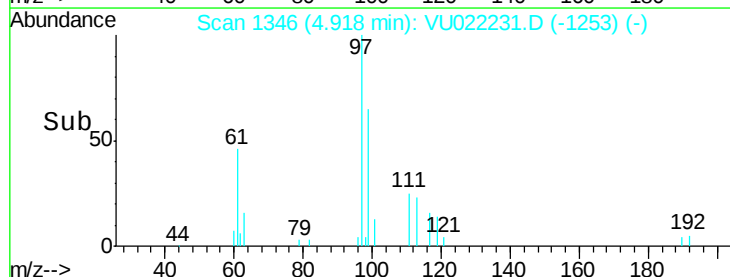
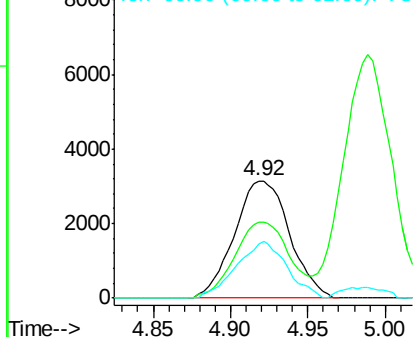


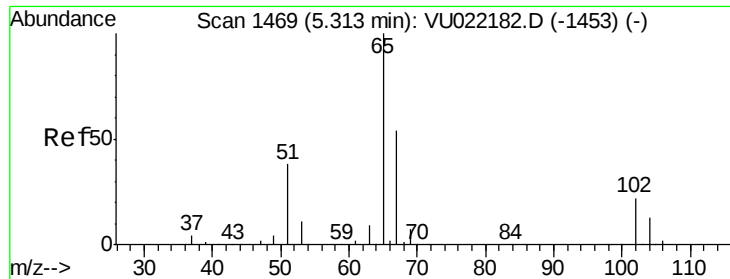
#32
1,1,1-Trichloroethane
Concen: 18.94 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 97 Resp: 7789
Ion Ratio Lower Upper
97 100
99 65.1 51.9 77.9
61 44.1 34.7 52.1



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

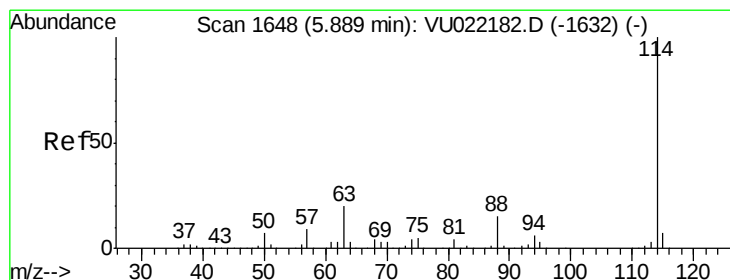
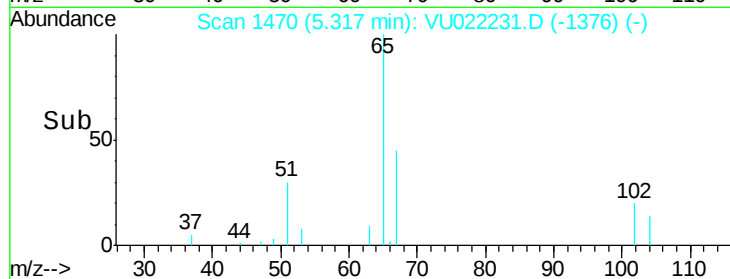
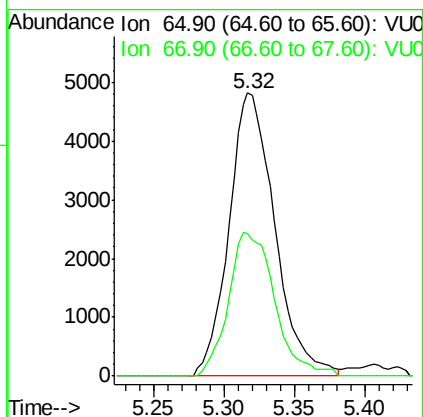
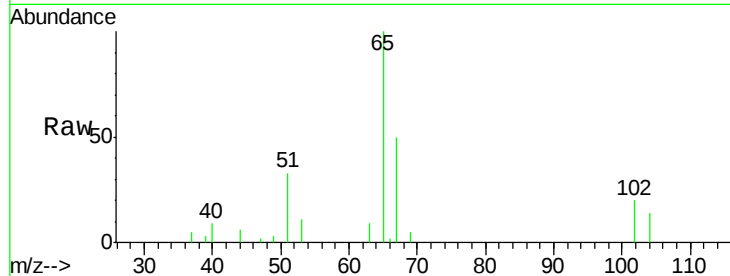




#33
 1,2-Dichloroethane-d4
 Concen: 33.47 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

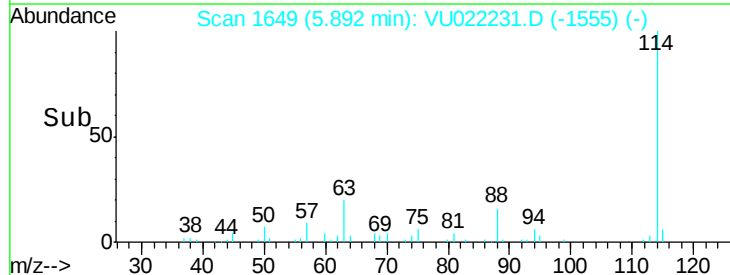
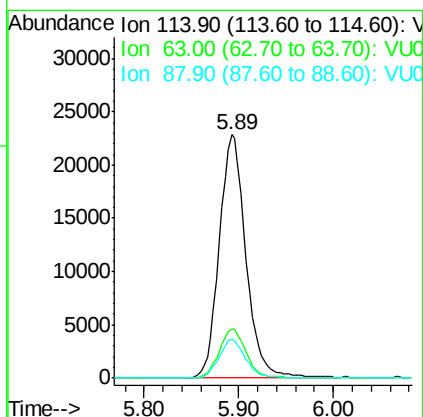
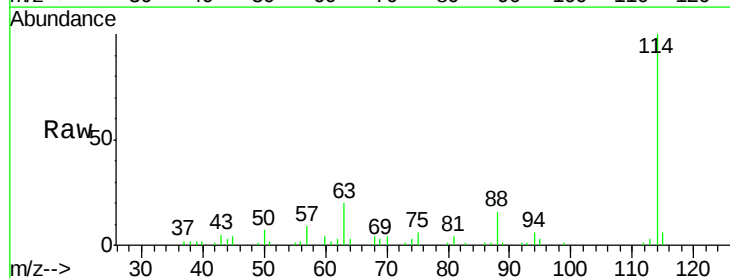
Instrument :
 ClientSampled :
 BFB

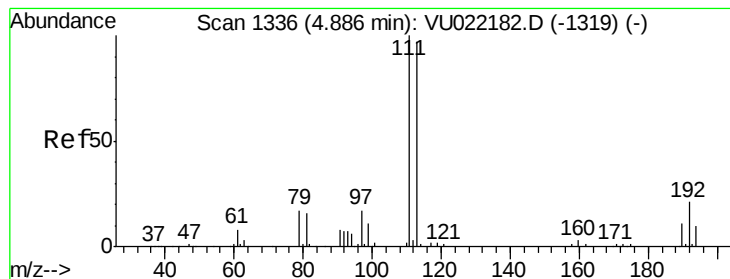
Tgt Ion: 65 Resp: 10947
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion: 114 Resp: 44794
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 16.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 27.19 ug/l

RT: 4.89 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

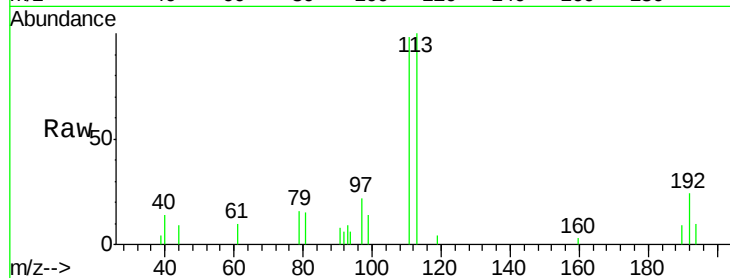
Tgt Ion:113 Resp: 7747

Ion Ratio Lower Upper

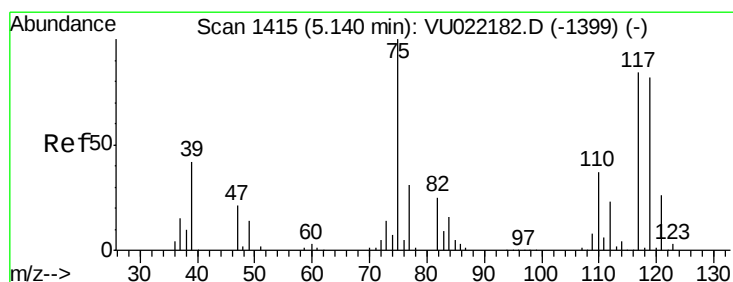
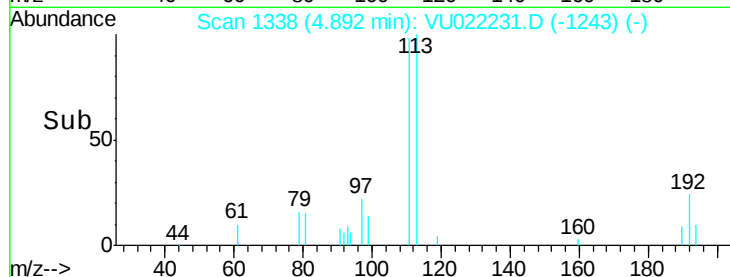
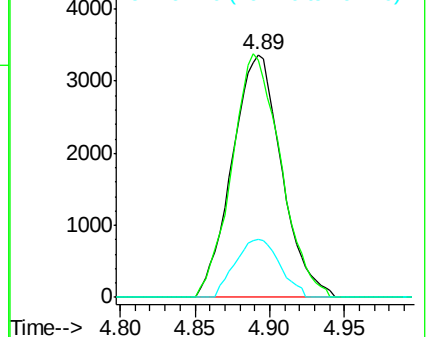
113 100

111 98.7 82.7 124.1

192 21.5 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.45 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

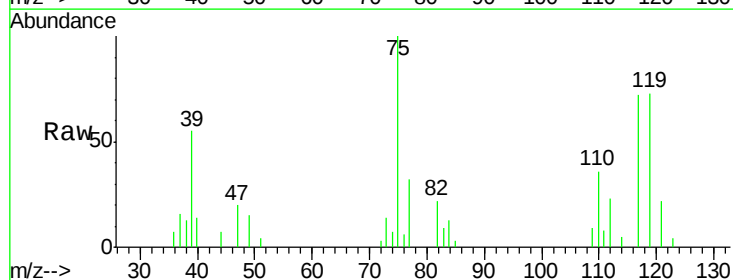
Tgt Ion: 75 Resp: 7590

Ion Ratio Lower Upper

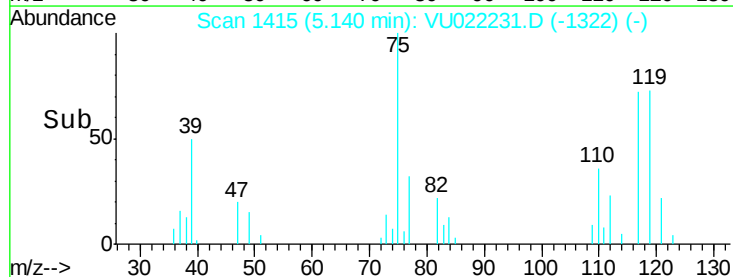
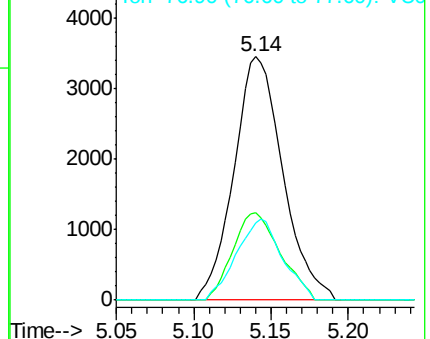
75 100

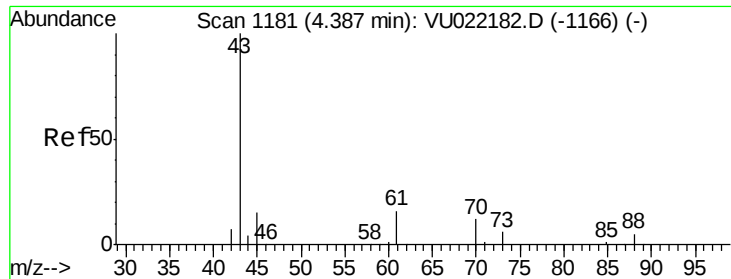
110 34.8 18.3 54.9

77 31.3 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

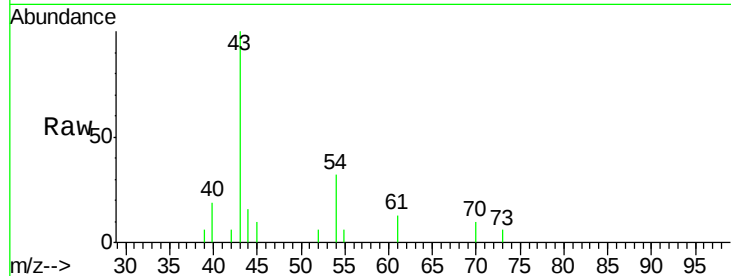




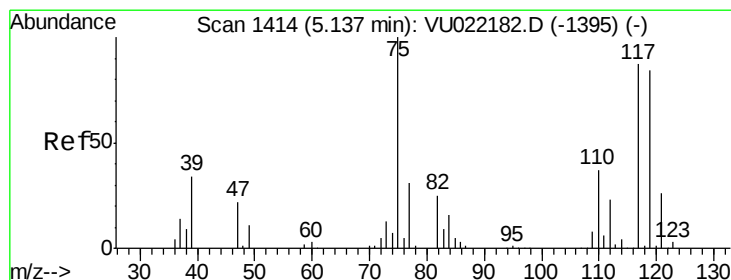
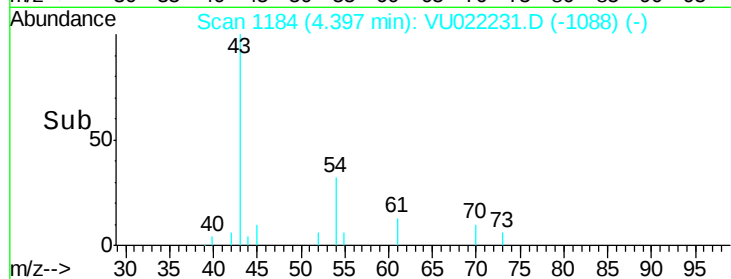
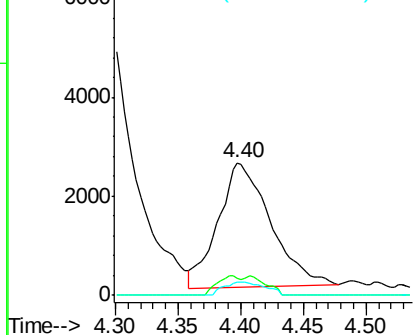
#37
Ethyl Acetate
Concen: 19.94 ug/l
RT: 4.40 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

Tgt Ion: 43 Resp: 7312
Ion Ratio Lower Upper
43 100
61 7.0 12.1 18.1#
70 8.2 9.4 14.0#

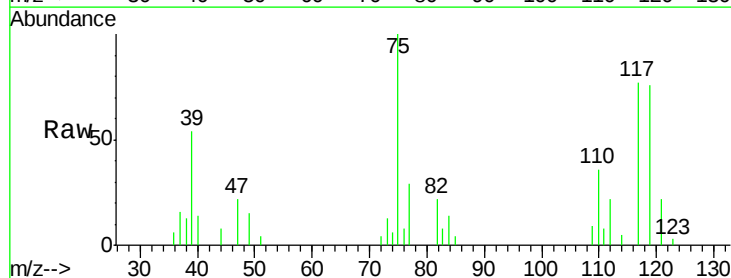


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

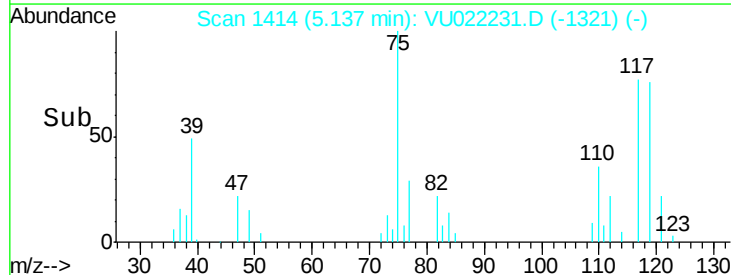
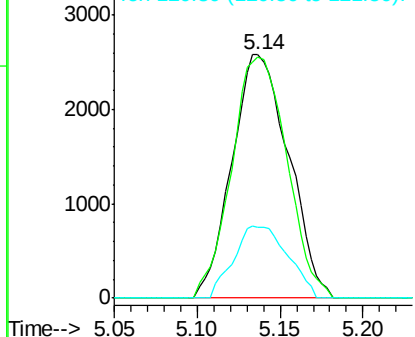


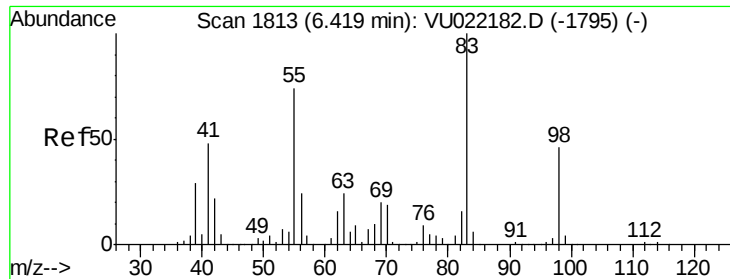
#38
Carbon Tetrachloride
Concen: 16.26 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 117 Resp: 6113
Ion Ratio Lower Upper
117 100
119 98.8 77.5 116.3
121 29.2 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

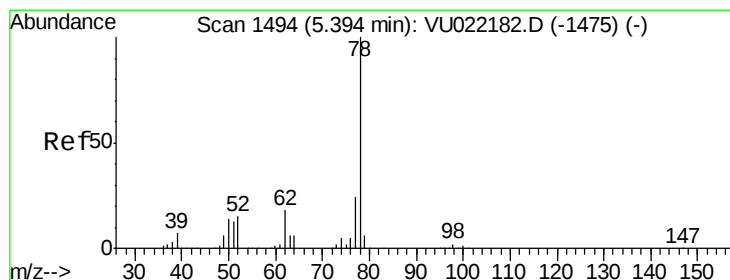
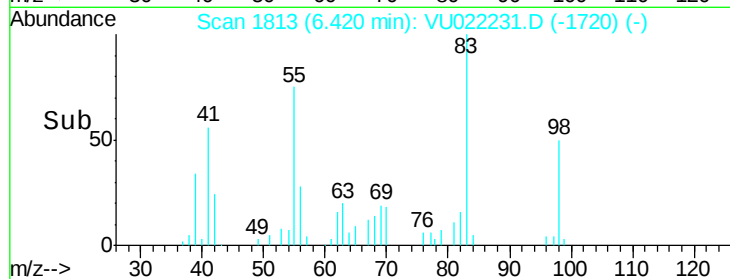
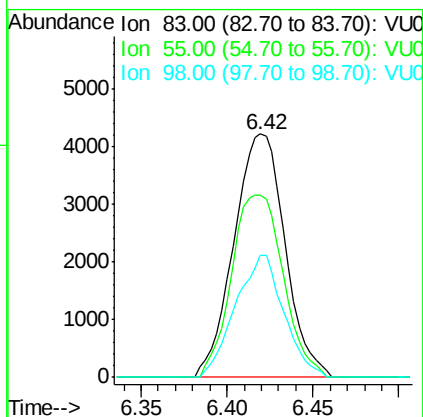
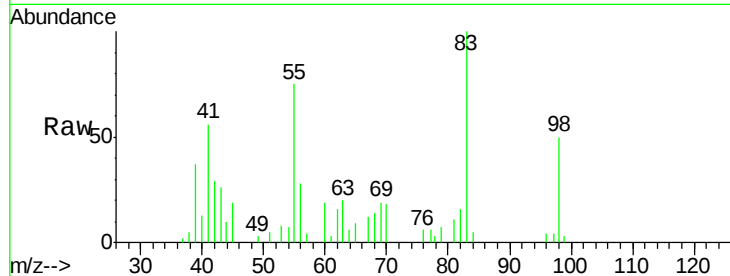




#39
Methylcyclohexane
Concen: 16.95 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

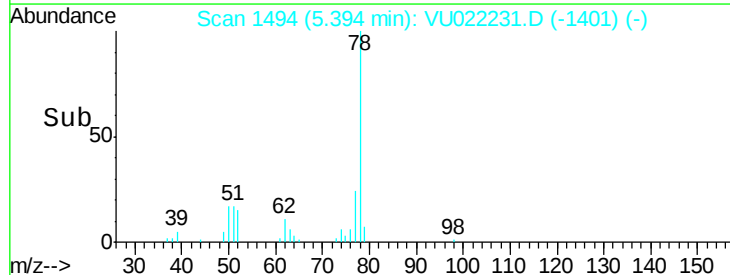
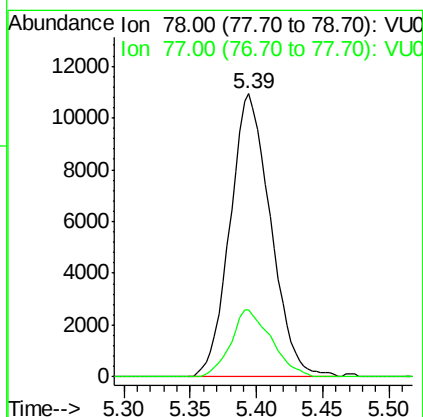
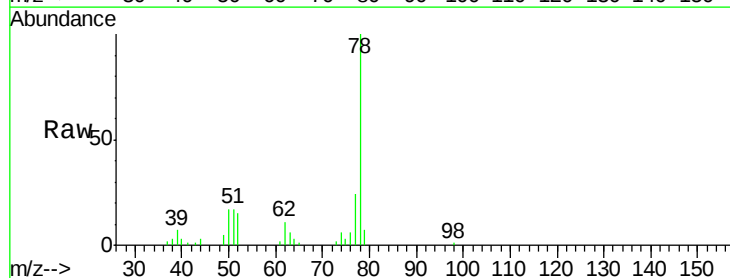
Instrument :
ClientSampled :
BFB

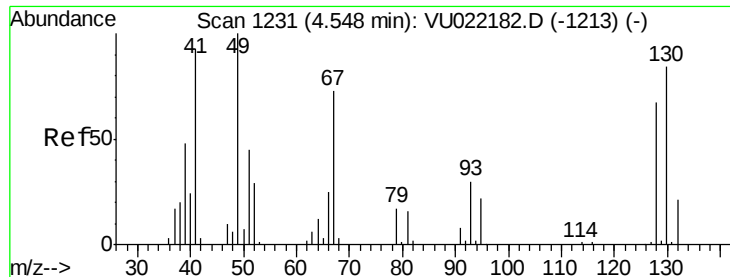
Tgt Ion: 83 Resp: 8688
Ion Ratio Lower Upper
83 100
55 75.0 59.5 89.3
98 50.3 37.1 55.7



#40
Benzene
Concen: 19.03 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 78 Resp: 23277
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

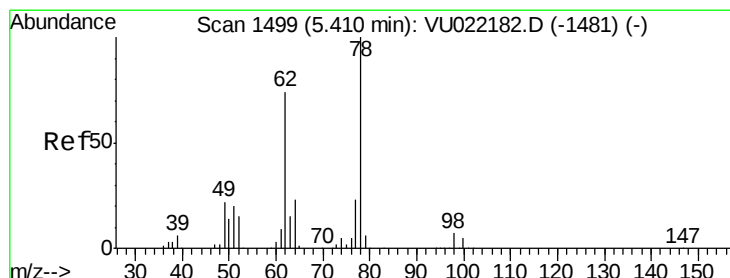
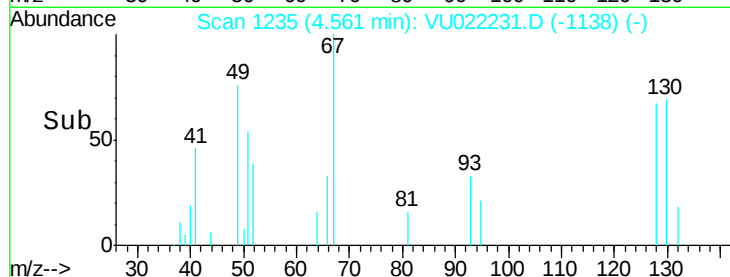
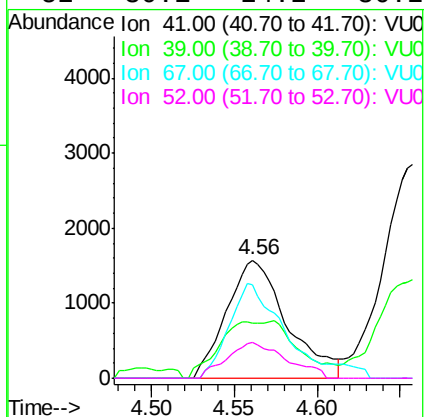
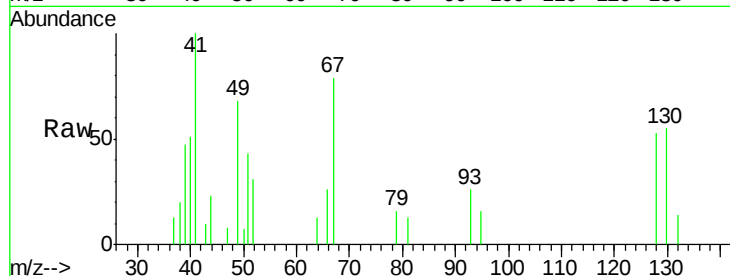




#41
Methacrylonitrile
Concen: 19.00 ug/l
RT: 4.56 min Scan# 1235
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

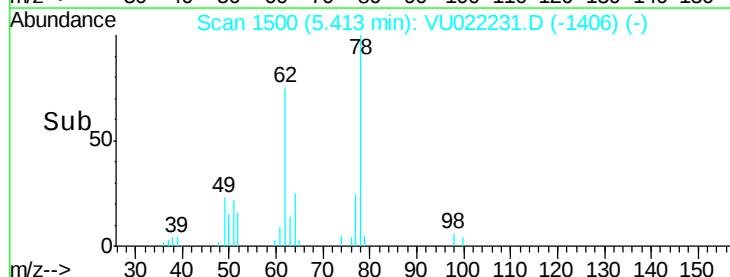
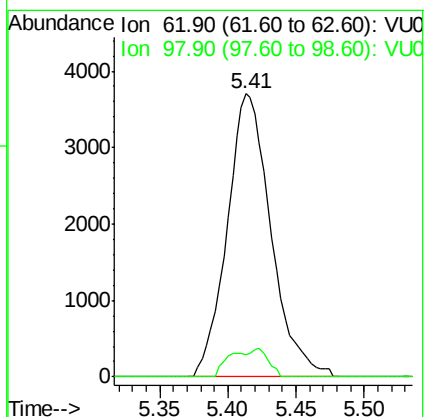
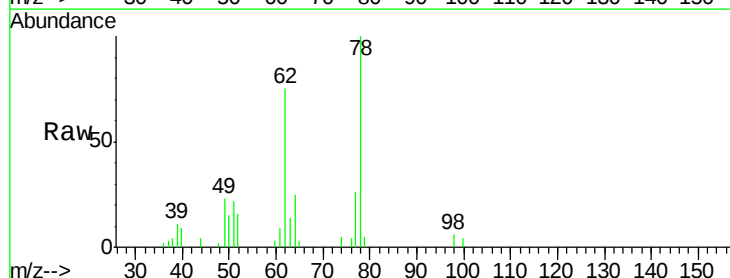
Instrument :
ClientSampled :
BFB

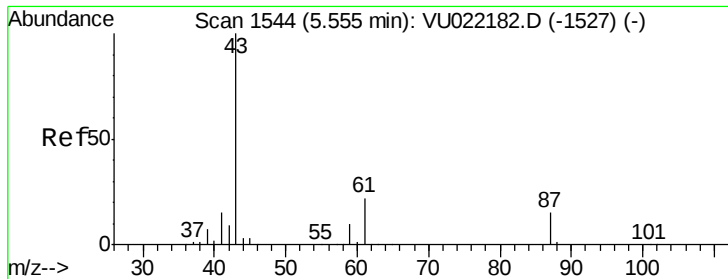
Tgt Ion: 41 Resp: 3978
Ion Ratio Lower Upper
41 100
39 31.8 42.2 63.4#
67 76.6 63.9 95.9
52 30.1 24.2 36.2



#42
1,2-Dichloroethane
Concen: 19.97 ug/l
RT: 5.41 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 62 Resp: 8248
Ion Ratio Lower Upper
62 100
98 4.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 17.86 ug/l

RT: 5.56 min Scan# 1546

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :
ClientSampleId :
BFB

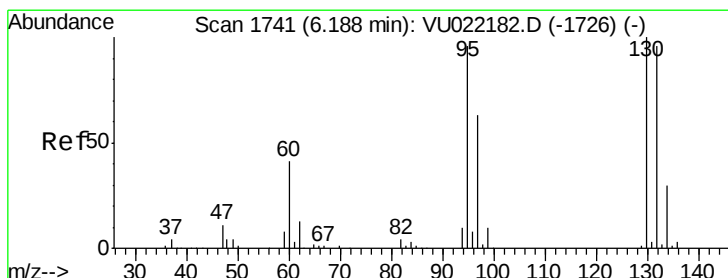
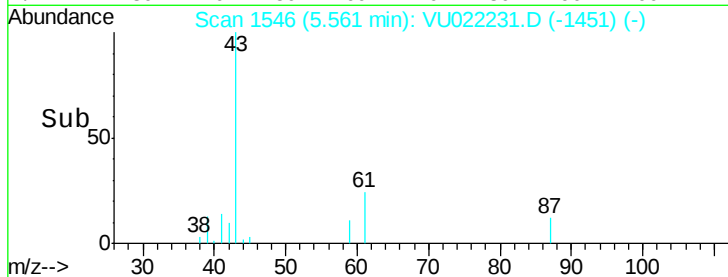
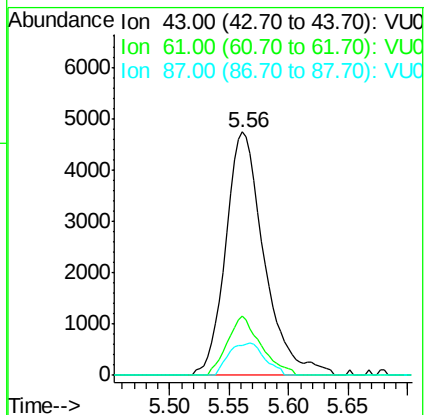
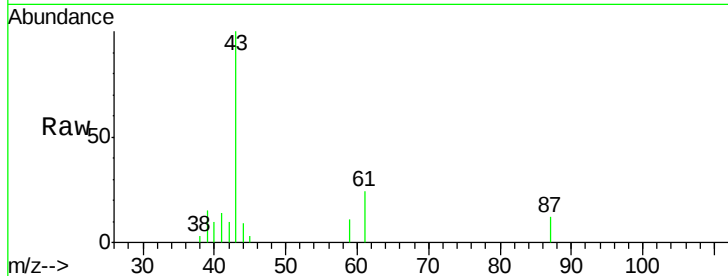
Tgt Ion: 43 Resp: 10628

Ion Ratio Lower Upper

43 100

61 21.2 17.4 26.2

87 12.3 11.7 17.5



#44

Trichloroethene

Concen: 19.43 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU022231.D

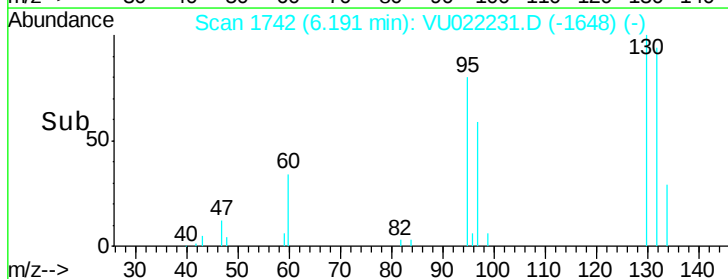
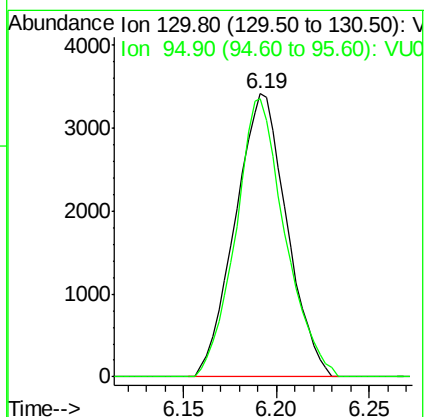
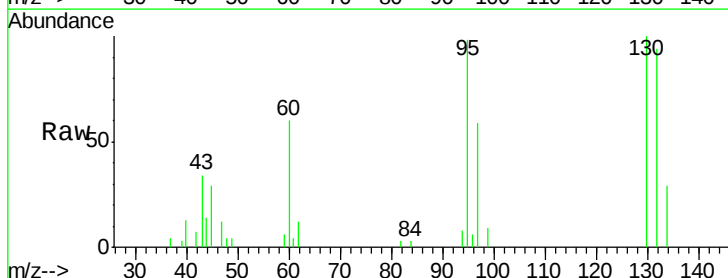
Acq: 15 Feb 2018 14:06

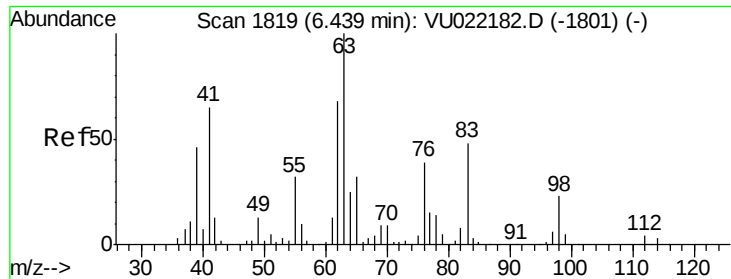
Tgt Ion: 130 Resp: 6590

Ion Ratio Lower Upper

130 100

95 98.2 0.0 191.8

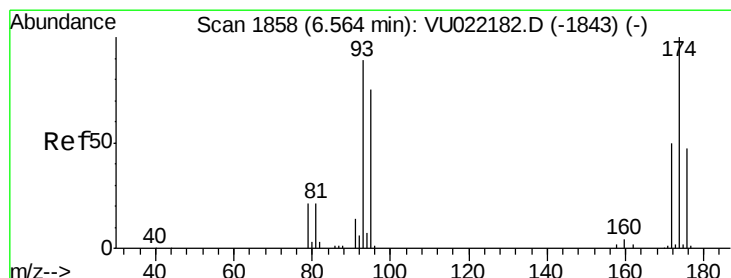
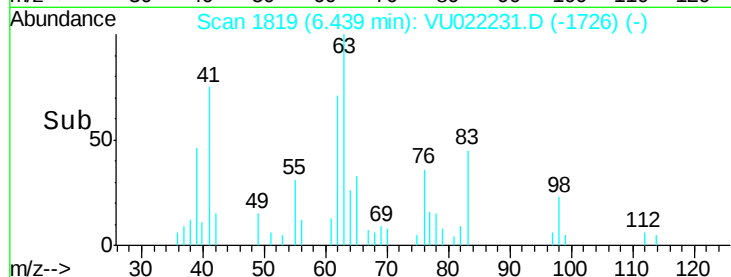
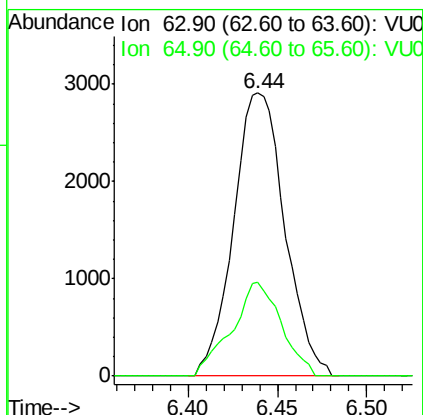
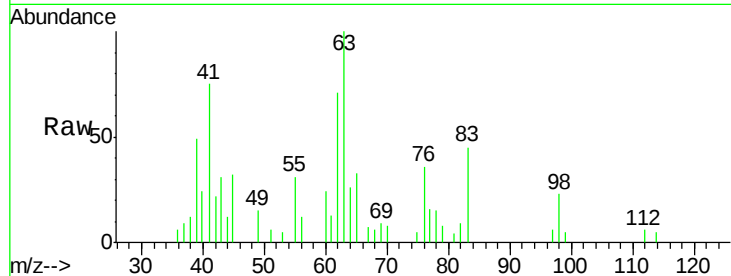




#45
 1,2-Dichloropropane
 Concen: 18.31 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

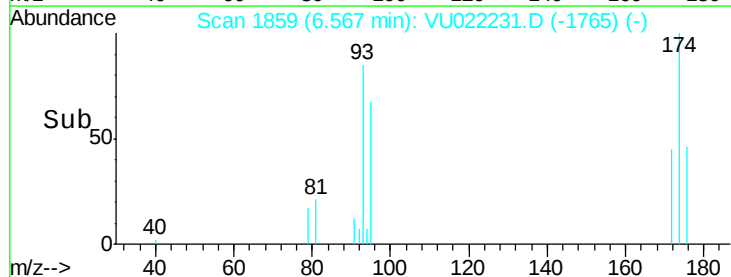
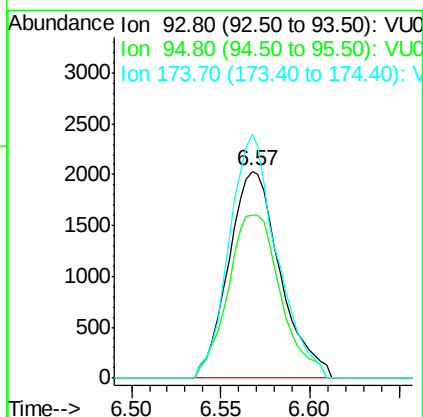
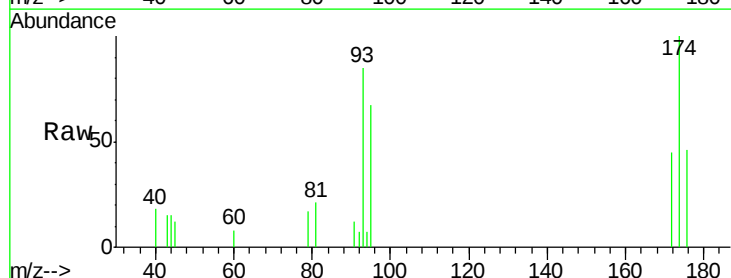
Instrument :
 ClientSampled :
 BFB

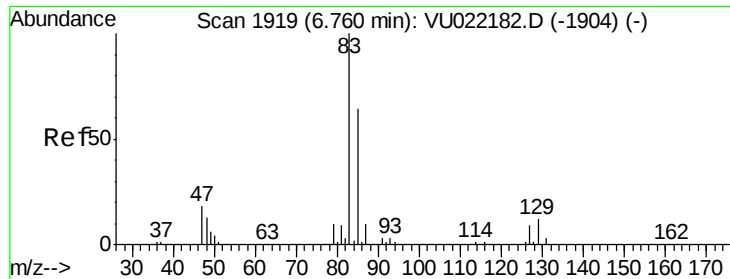
Tgt Ion: 63 Resp: 5813
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.5 38.3



#46
 Dibromomethane
 Concen: 18.85 ug/l
 RT: 6.57 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion: 93 Resp: 4093
 Ion Ratio Lower Upper
 93 100
 95 80.3 67.1 100.7
 174 108.1 88.2 132.4





#47

Bromodichloromethane

Concen: 16.19 ug/l

RT: 6.76 min Scan# 1919

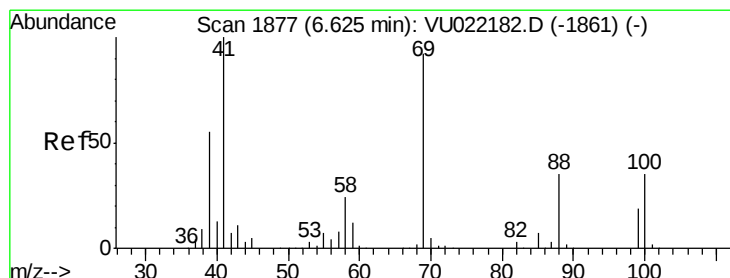
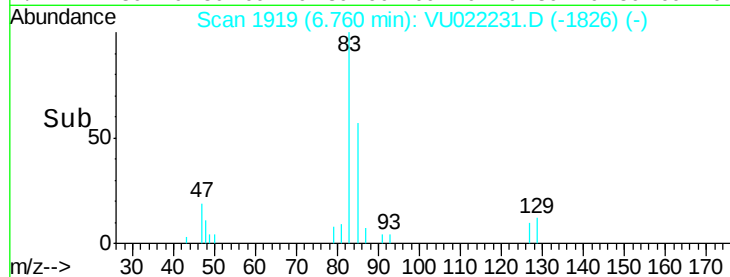
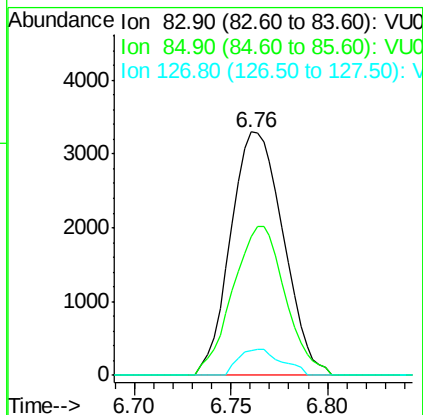
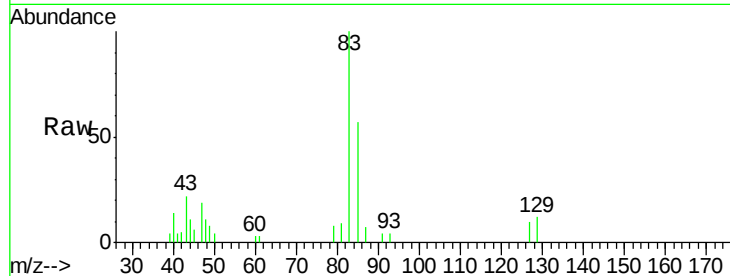
Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

Tgt Ion:	83	Resp:	6238
Ion	Ratio	Lower	Upper
83	100		
85	57.1	51.2	76.8
127	10.4	7.1	10.7



#48

Methyl methacrylate

Concen: 17.39 ug/l

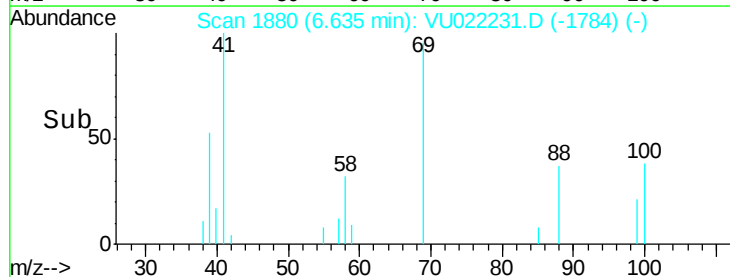
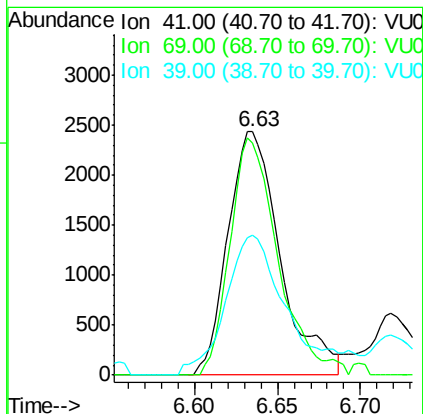
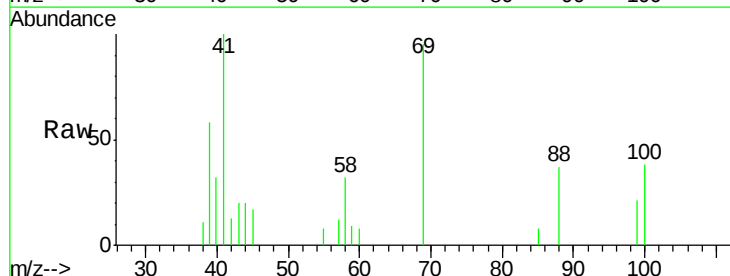
RT: 6.63 min Scan# 1880

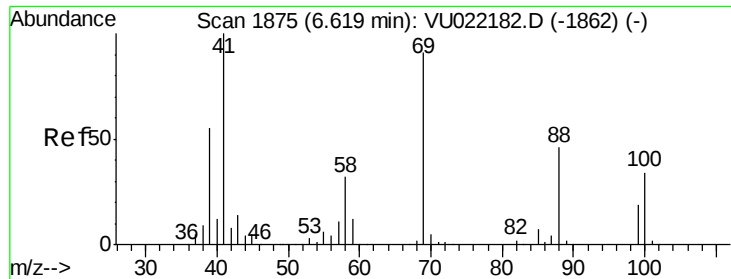
Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Tgt Ion:	41	Resp:	5364
Ion	Ratio	Lower	Upper
41	100		
69	89.3	74.8	112.2
39	68.7	44.6	66.8#

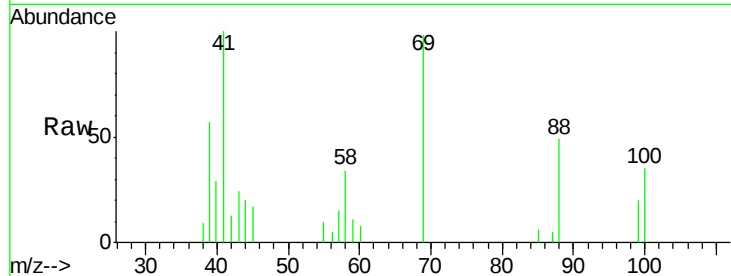




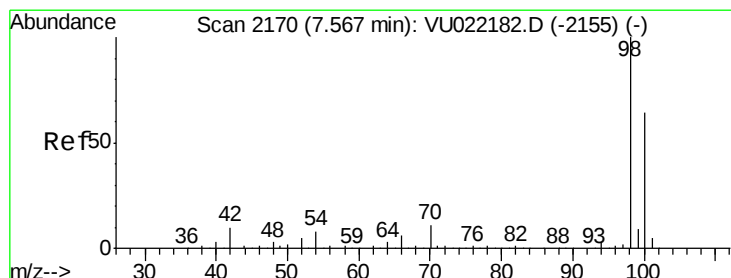
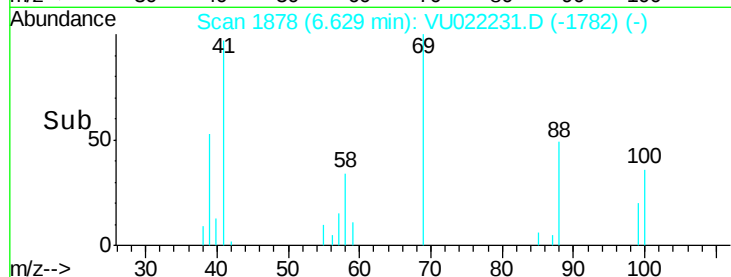
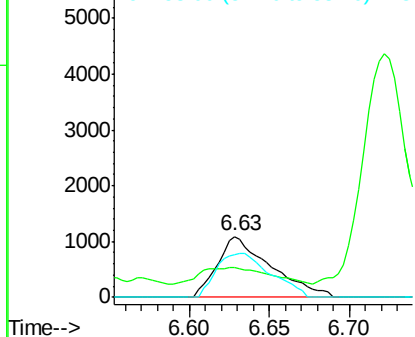
#49
1,4-Dioxane
Concen: 343.26 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

Tgt Ion: 88 Resp: 2499
Ion Ratio Lower Upper
88 100
43 35.5 23.6 35.4#
58 72.8 55.2 82.8

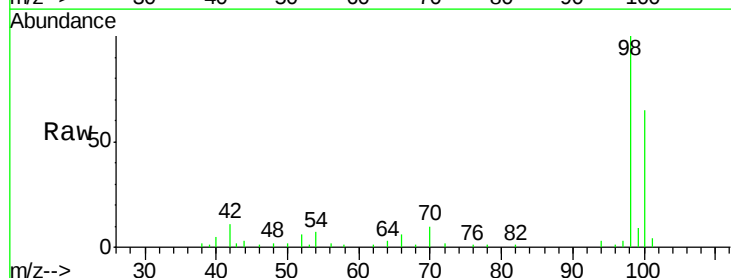


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

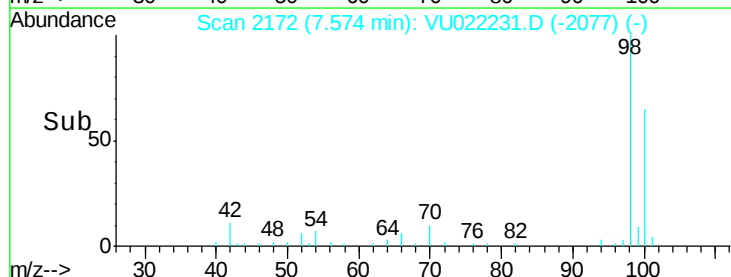
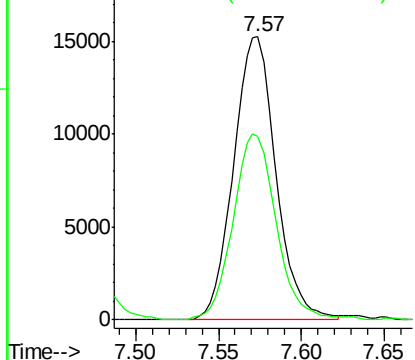


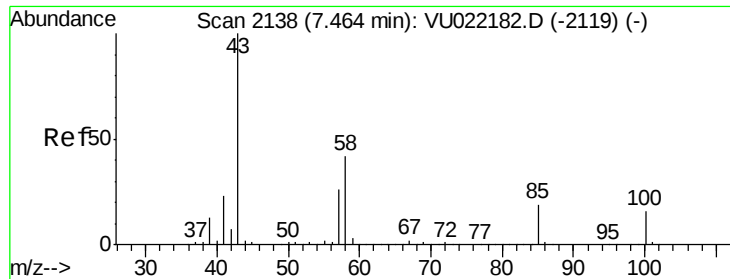
#50
Toluene-d8
Concen: 24.69 ug/l
RT: 7.57 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 98 Resp: 27100
Ion Ratio Lower Upper
98 100
100 66.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

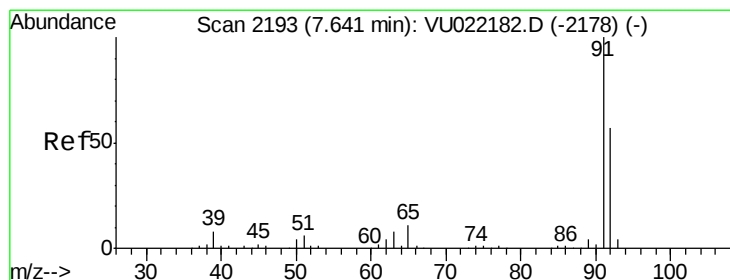
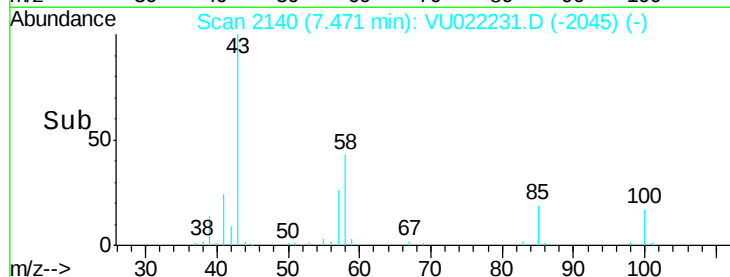
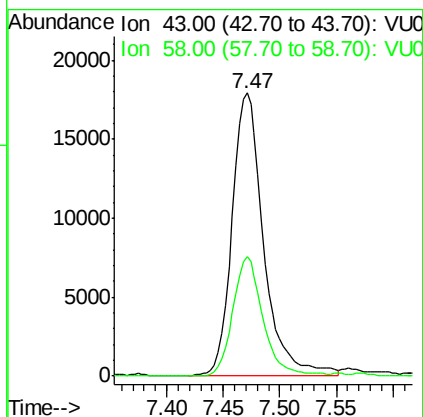
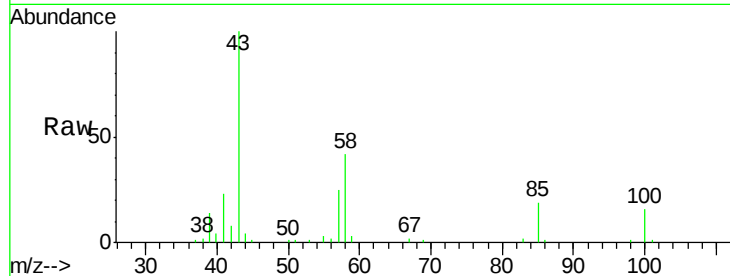




#51
4-Methyl-2-Pentanone
Concen: 88.64 ug/l
RT: 7.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

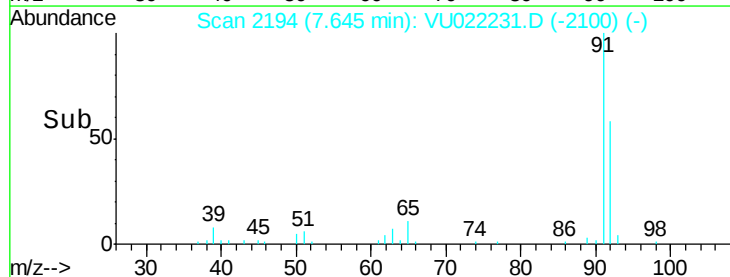
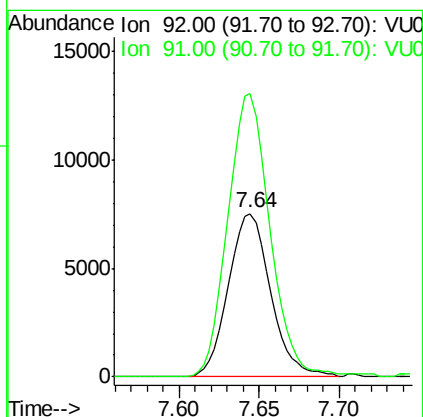
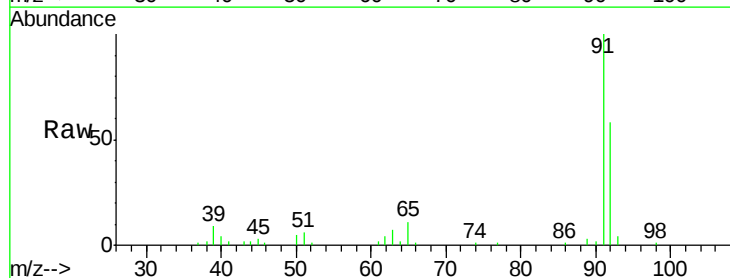
Instrument :
ClientSampled :
BFB

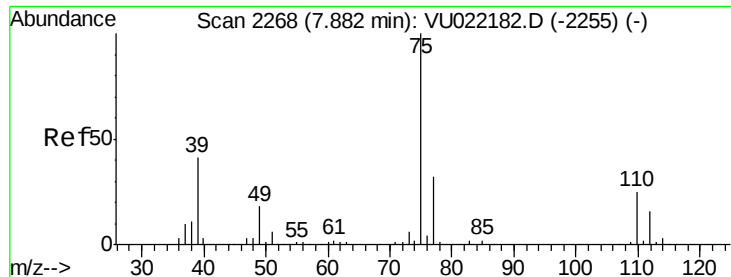
Tgt Ion: 43 Resp: 35011
Ion Ratio Lower Upper
43 100
58 39.8 33.3 49.9



#52
Toluene
Concen: 17.74 ug/l
RT: 7.64 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 92 Resp: 13584
Ion Ratio Lower Upper
92 100
91 173.7 139.1 208.7

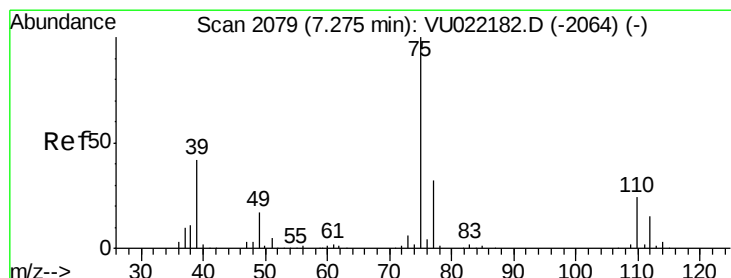
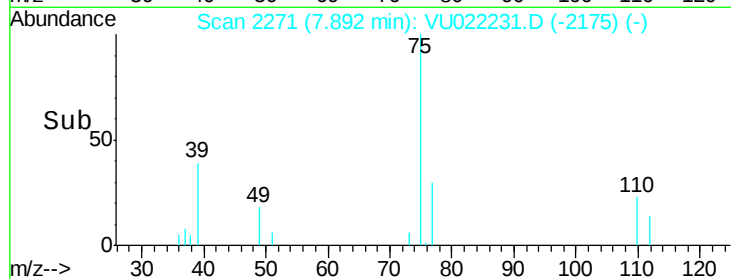
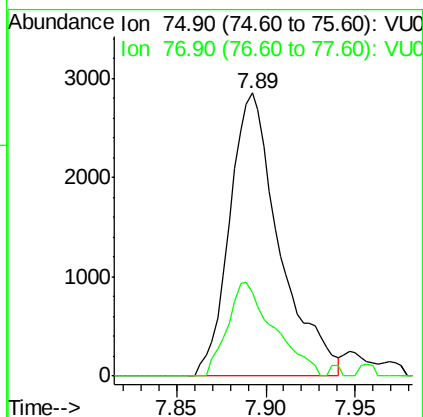
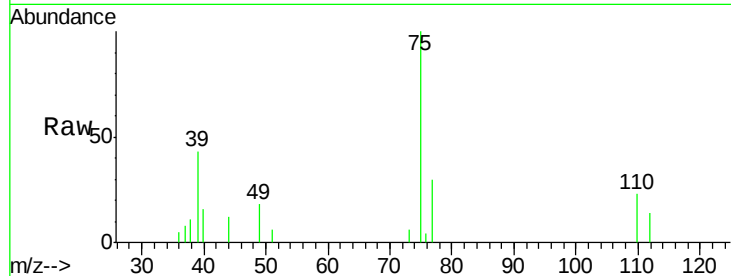




#53
t-1,3-Dichloropropene
Concen: 13.45 ug/l
RT: 7.89 min Scan# 2271
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

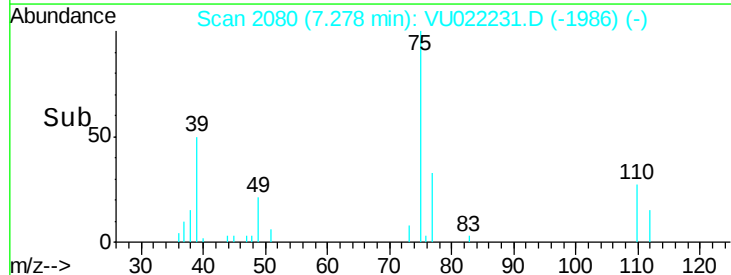
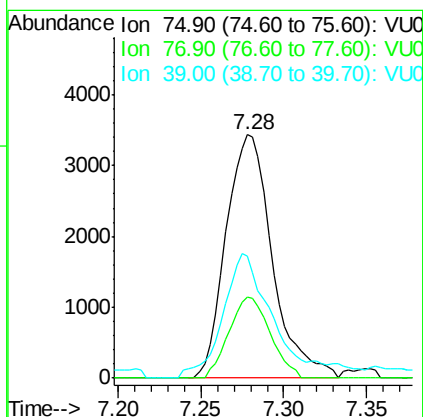
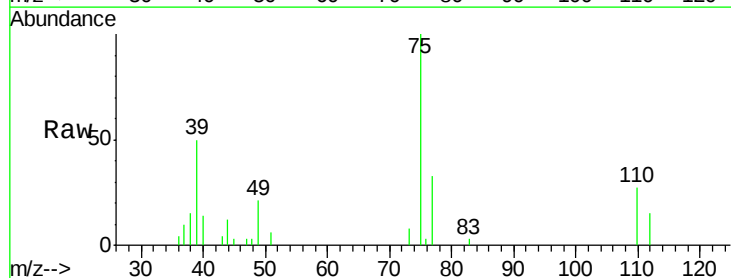
Instrument :
ClientSampled :
BFB

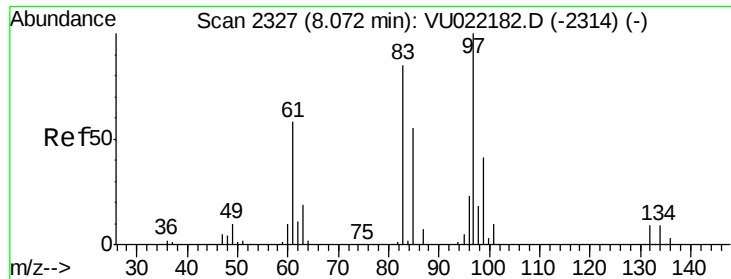
Tgt Ion: 75 Resp: 5532
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 14.42 ug/l
RT: 7.28 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 75 Resp: 6657
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.8
39 46.2 33.4 50.2

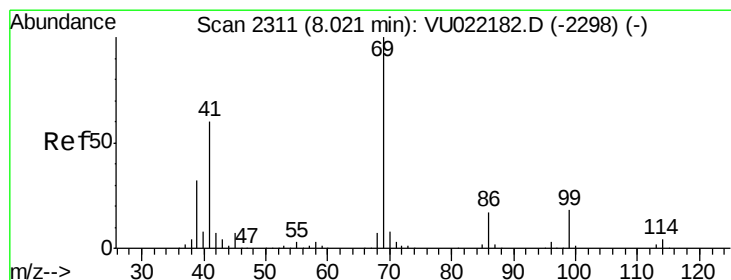
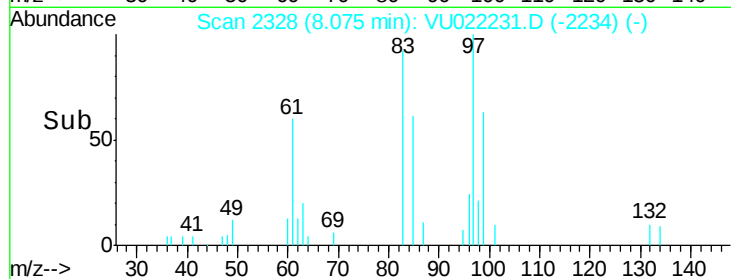
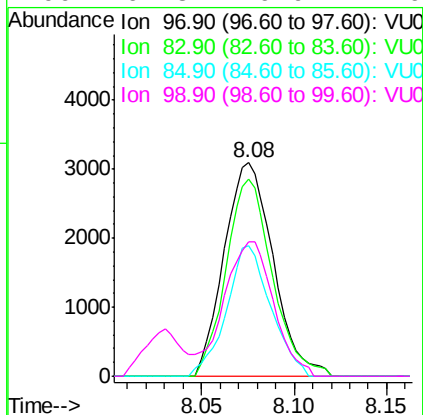
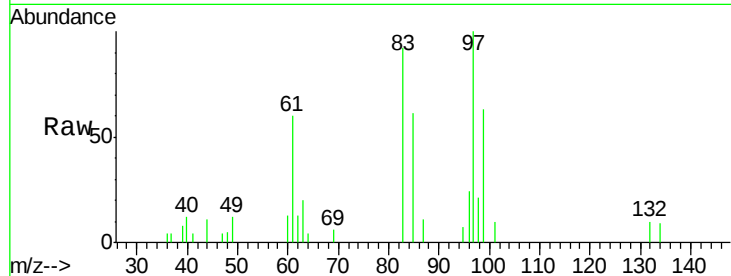




#55
 1,1,2-Trichloroethane
 Concen: 18.49 ug/l
 RT: 8.08 min Scan# 2328
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

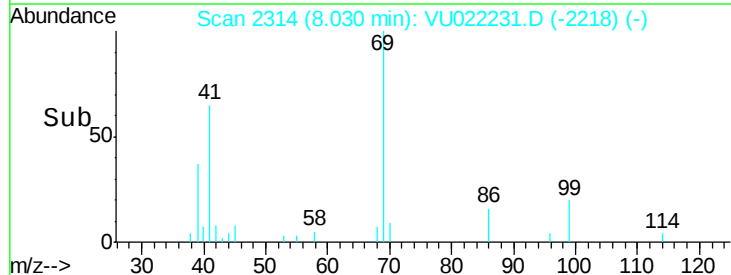
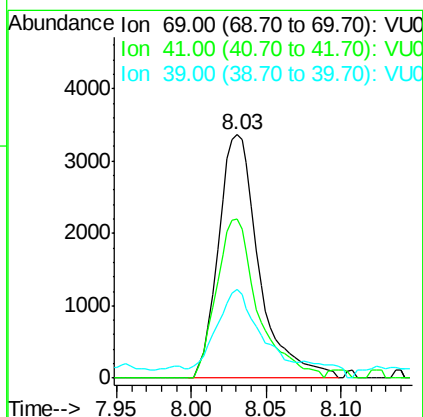
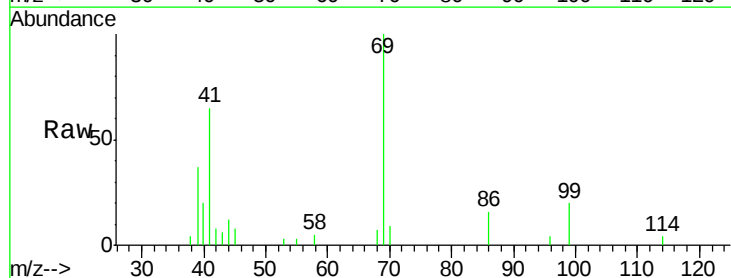
Instrument :
 ClientSampled :
 BFB

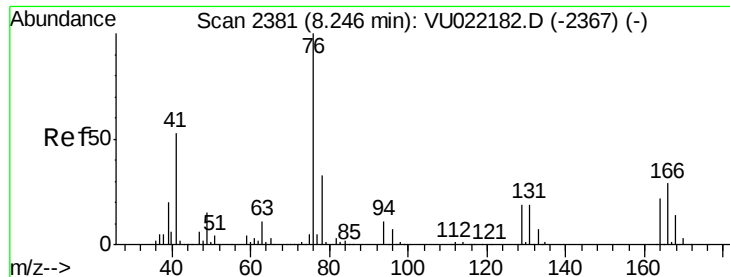
Tgt Ion:	97	Resp:	5671
Ion	Ratio	Lower	Upper
97	100		
83	92.2	68.1	102.1
85	61.0	45.2	67.8
99	62.8	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 14.50 ug/l
 RT: 8.03 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion:	69	Resp:	6352
Ion	Ratio	Lower	Upper
69	100		
41	66.6	47.8	71.8
39	32.0	25.0	37.4

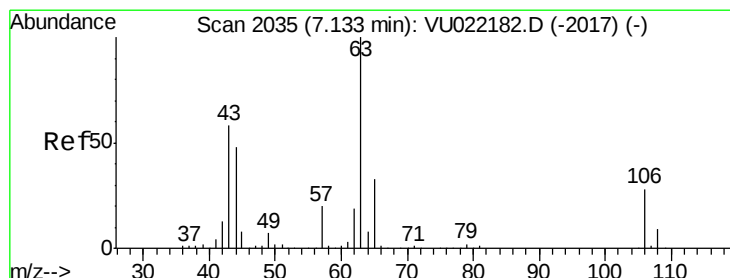
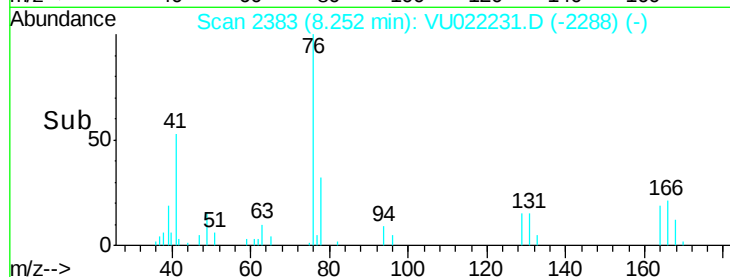
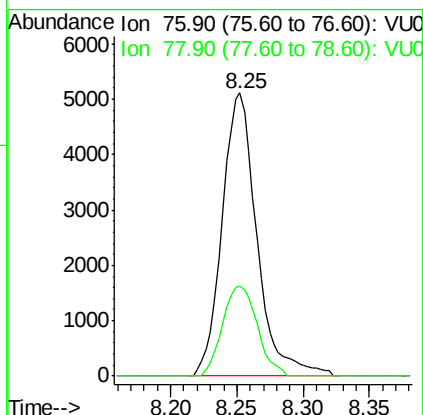
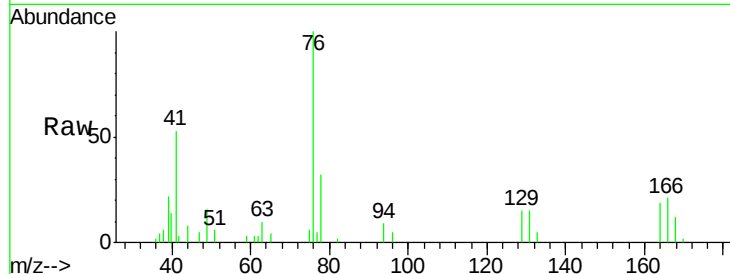




#57
 1,3-Dichloropropane
 Concen: 18.07 ug/l
 RT: 8.25 min Scan# 2383
 Delta R.T. 0.01 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

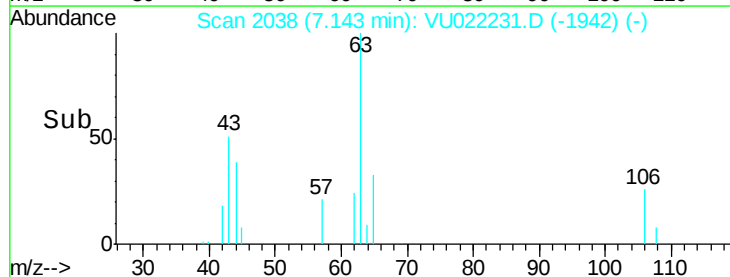
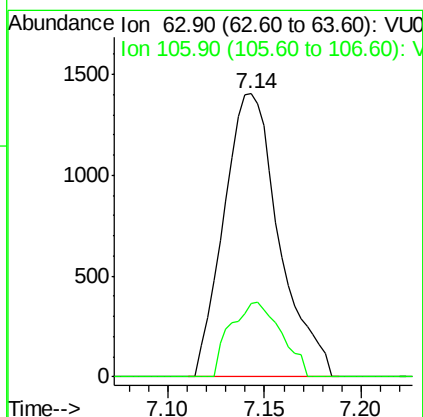
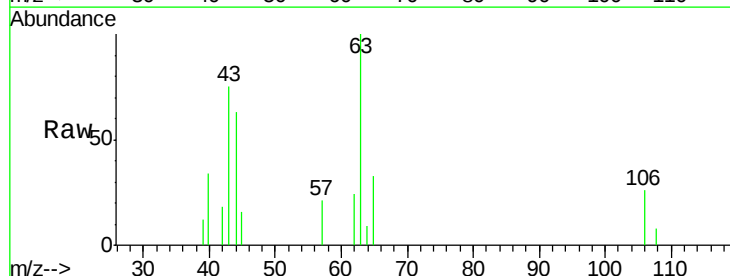
Instrument :
 ClientSampleId :
 BFB

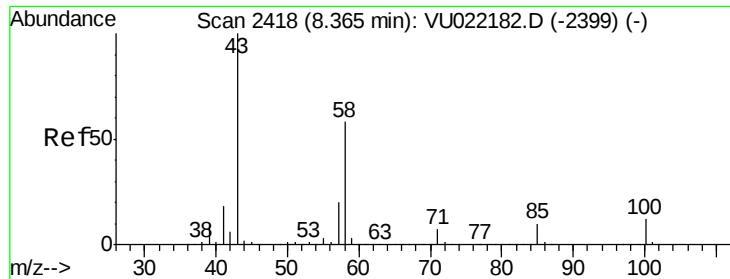
Tgt Ion: 76 Resp: 9336
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.85 ug/l
 RT: 7.14 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion: 63 Resp: 2792
 Ion Ratio Lower Upper
 63 100
 106 24.2 22.2 33.2

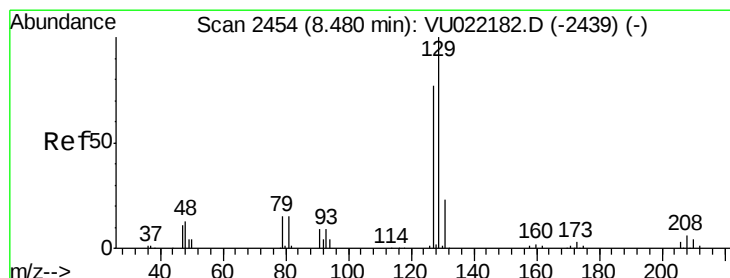
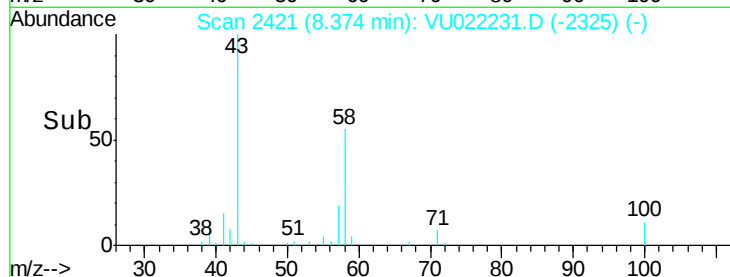
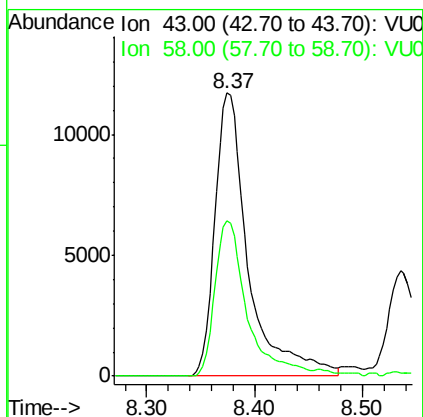
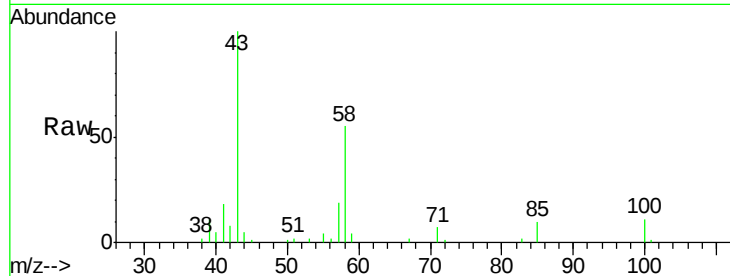




#59
2-Hexanone
Concen: 83.33 ug/l
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

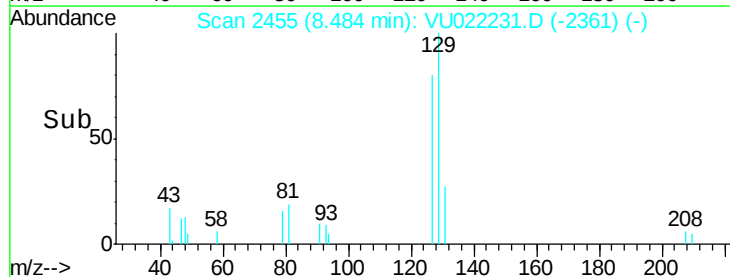
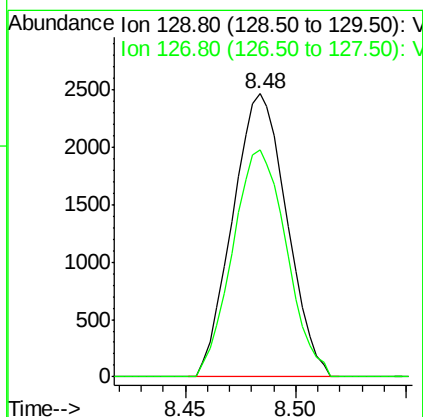
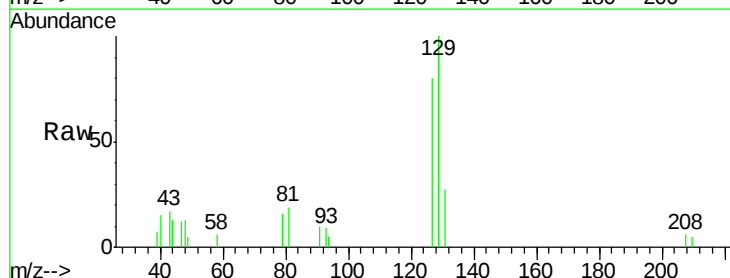
Instrument :
ClientSampleId :
BFB

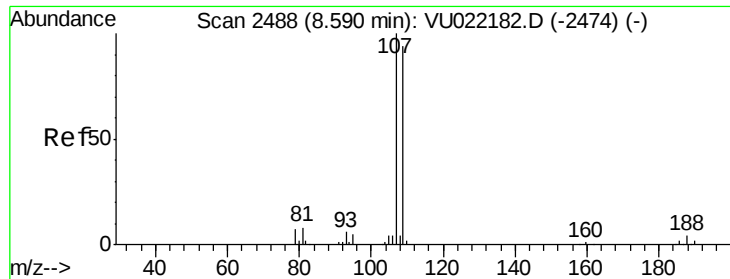
Tgt Ion: 43 Resp: 25170
Ion Ratio Lower Upper
43 100
58 52.6 28.9 86.7



#60
Dibromochloromethane
Concen: 14.06 ug/l
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 129 Resp: 4191
Ion Ratio Lower Upper
129 100
127 80.0 38.6 115.8

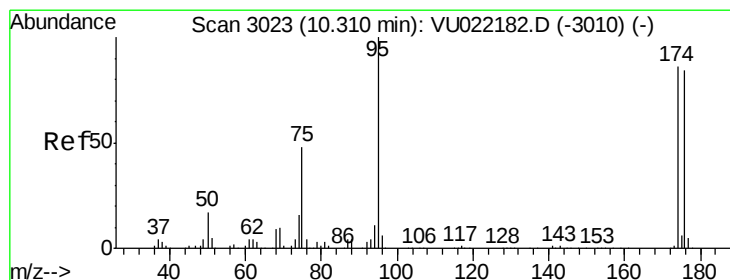
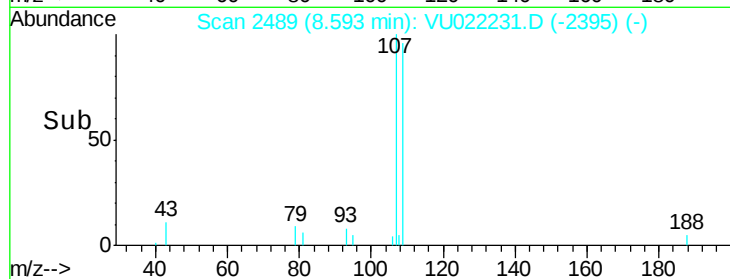
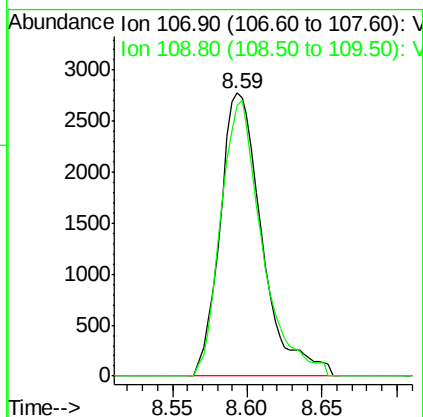
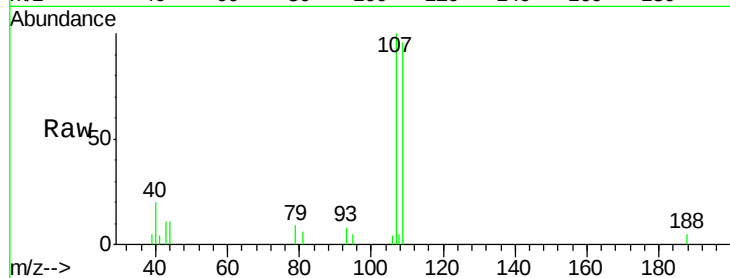




#61
 1,2-Dibromoethane
 Concen: 16.44 ug/l
 RT: 8.59 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

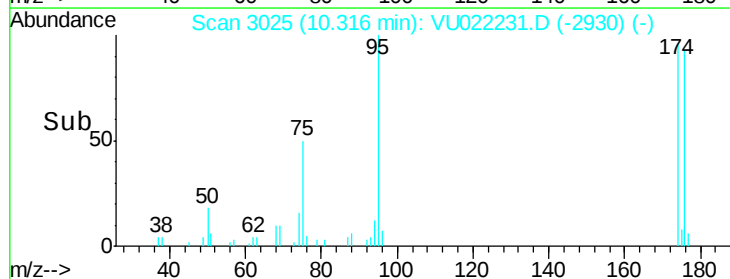
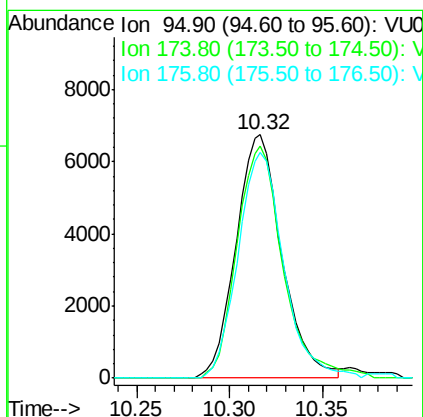
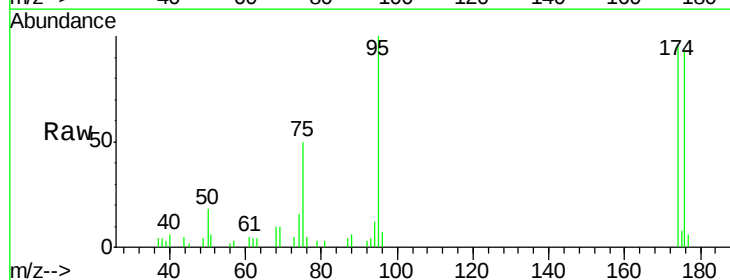
Instrument :
 ClientSampled :
 BFB

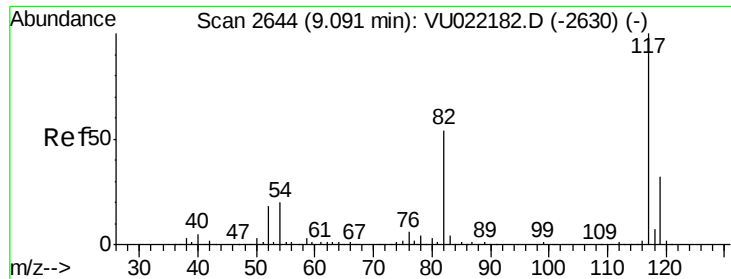
Tgt Ion: 107 Resp: 5427
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 27.09 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. 0.01 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion: 95 Resp: 11583
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 175.6
 176 92.2 0.0 170.6

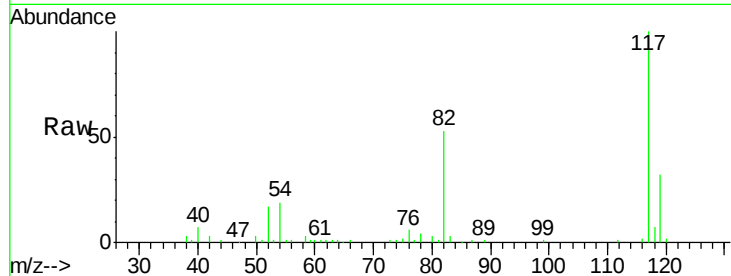




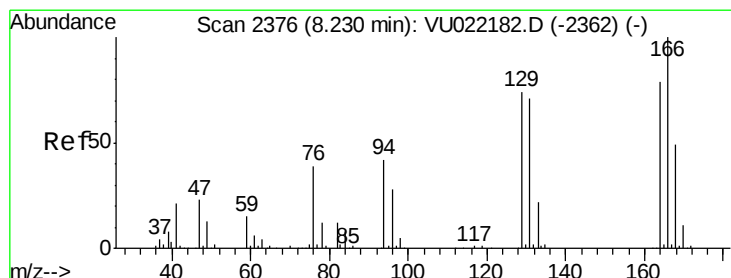
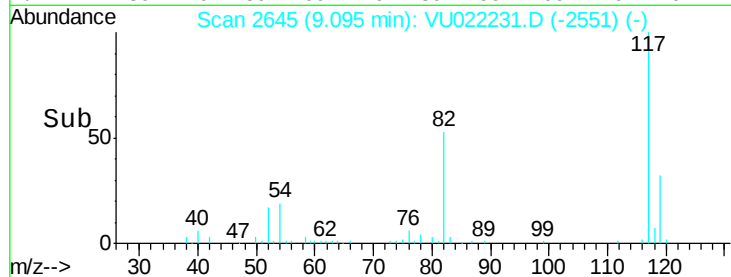
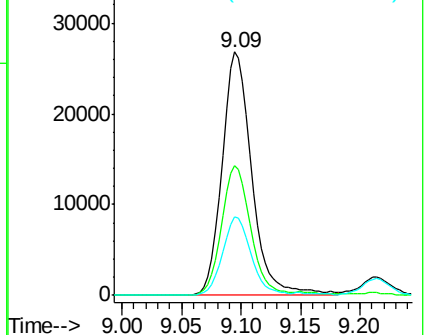
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

Tgt Ion:117 Resp: 46602
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.0 25.4 38.0

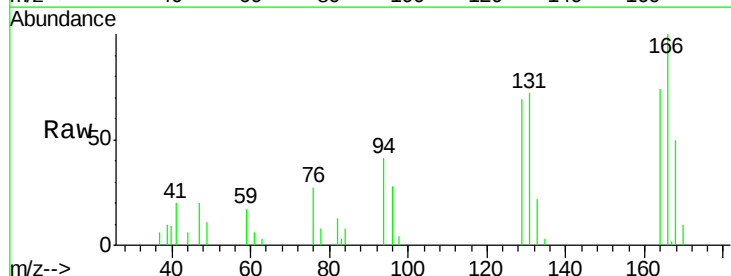


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

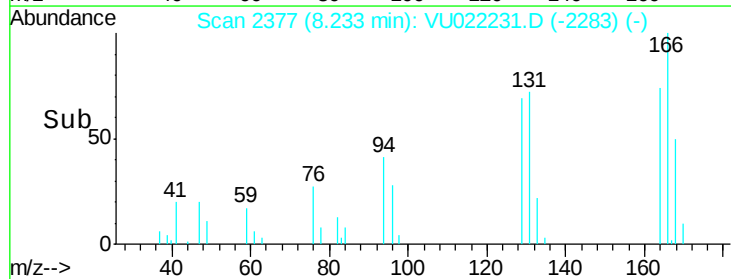
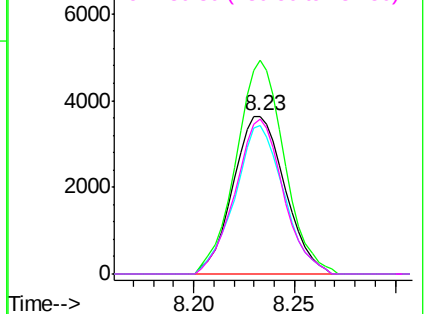


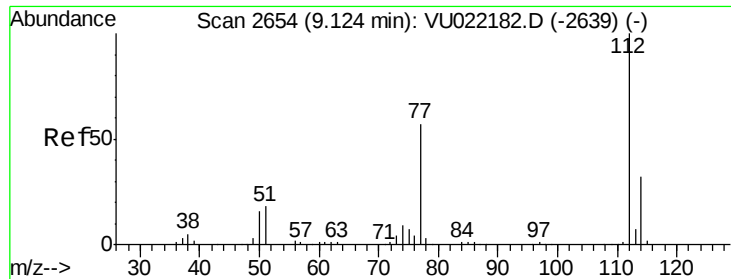
#64
Tetrachloroethene
Concen: 18.29 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion:164 Resp: 6522
Ion Ratio Lower Upper
164 100
166 135.4 101.1 151.7
129 93.8 74.6 111.8
131 97.8 71.5 107.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

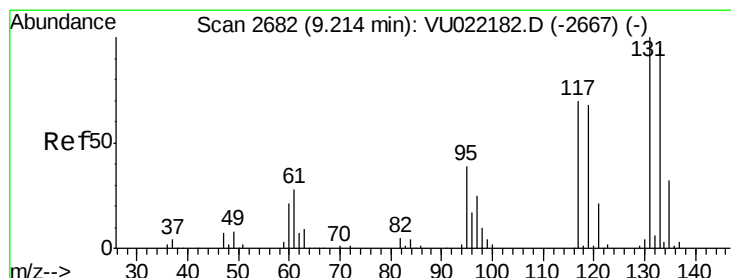
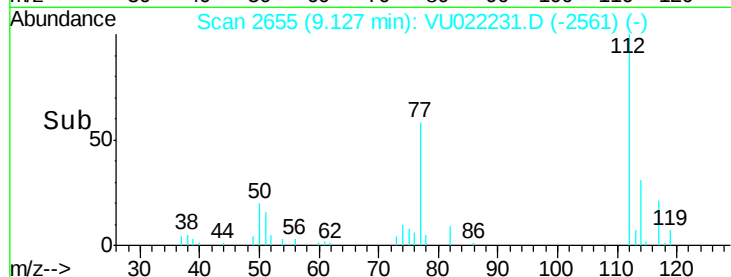
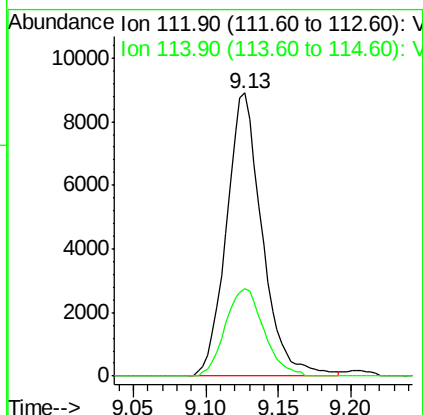
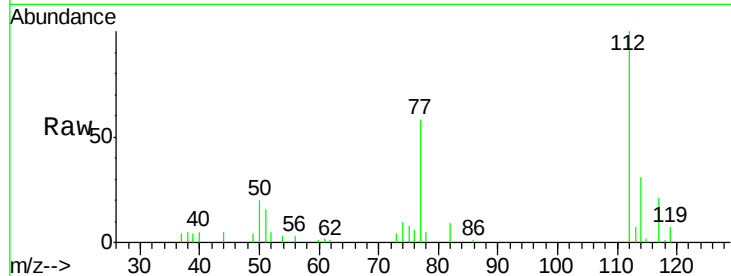




#65
Chlorobenzene
Concen: 15.69 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

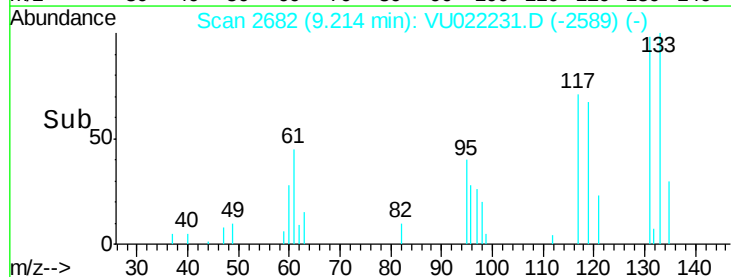
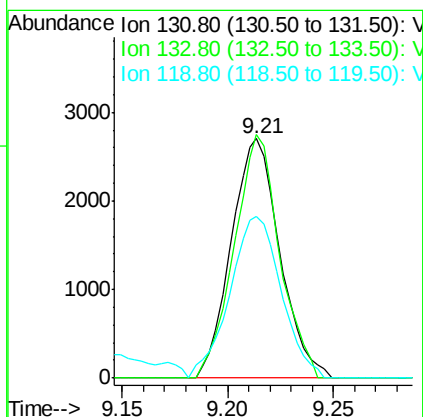
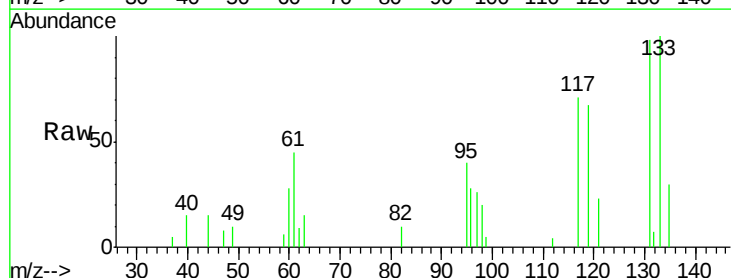
Instrument :
ClientSampled :
BFB

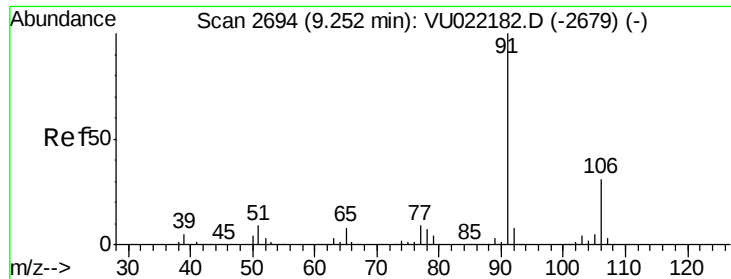
Tgt Ion:112 Resp: 15206
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 13.63 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion:131 Resp: 4319
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 71.3 33.5 100.4

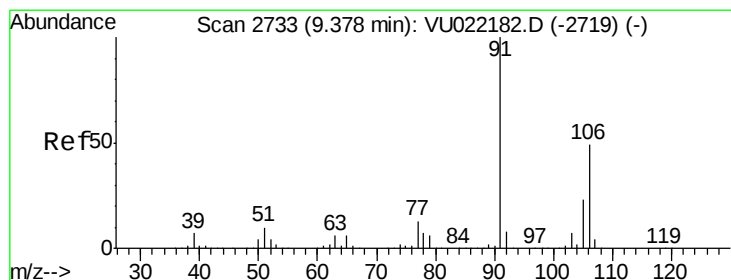
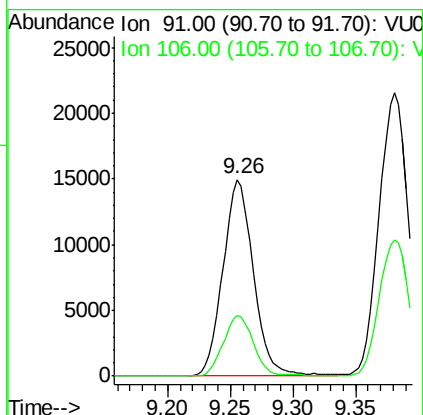
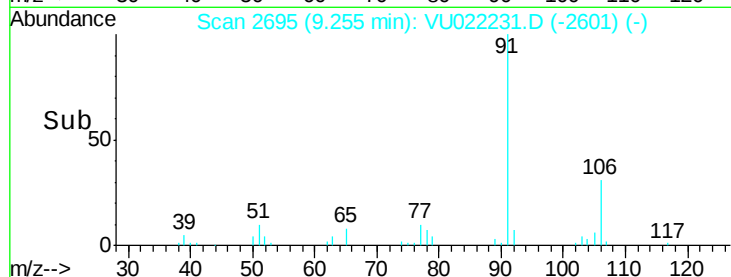
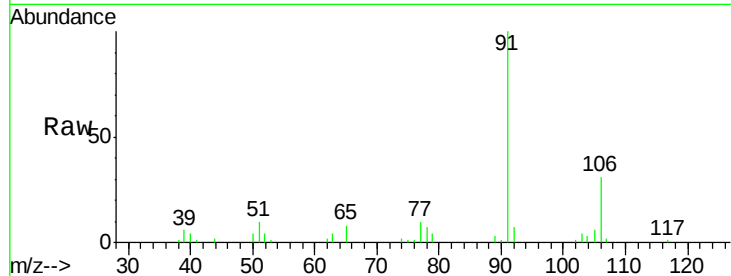




#67
Ethyl Benzene
Concen: 15.43 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

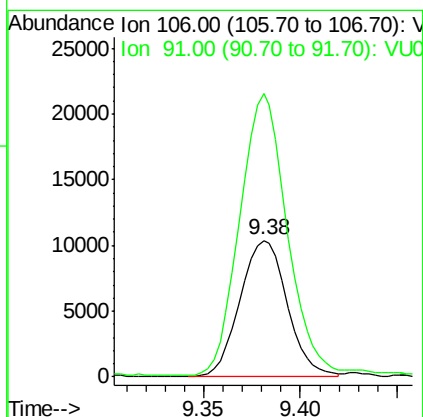
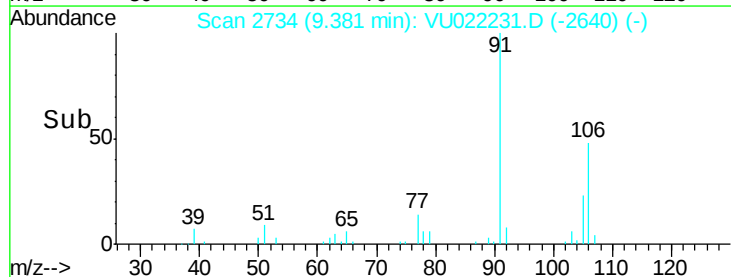
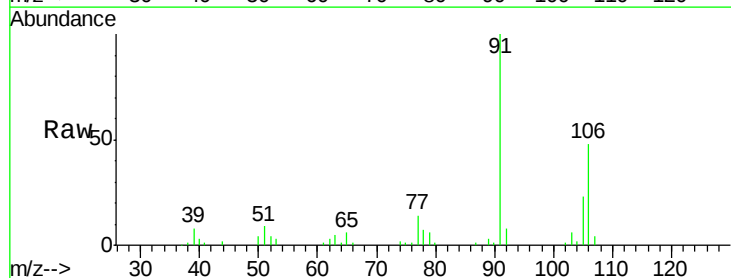
Instrument :
ClientSampled :
BFB

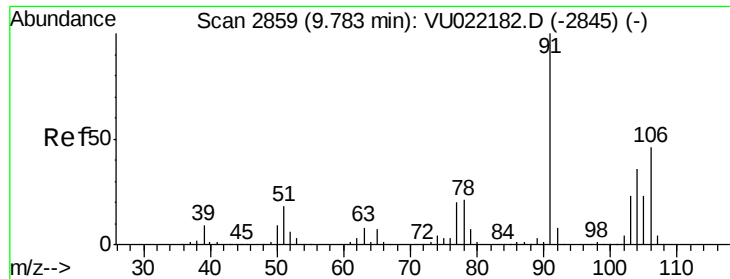
Tgt Ion: 91 Resp: 25316
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1



#68
m/p-Xylenes
Concen: 28.33 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 106 Resp: 17717
Ion Ratio Lower Upper
106 100
91 205.5 163.3 244.9

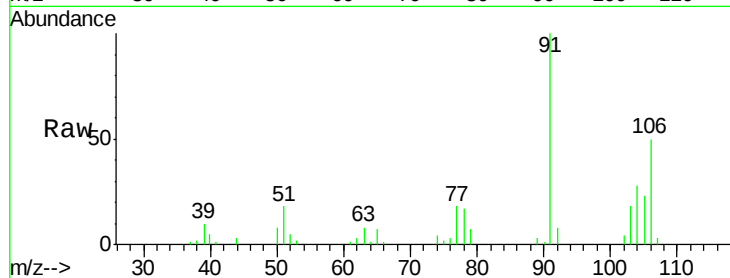




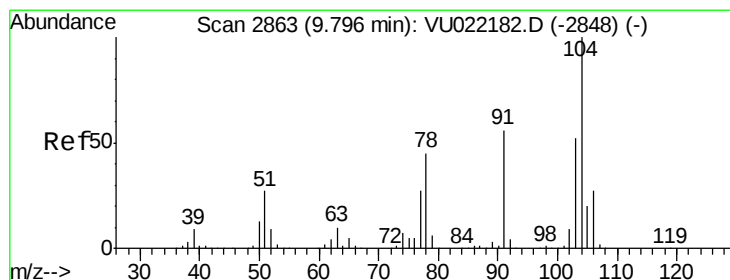
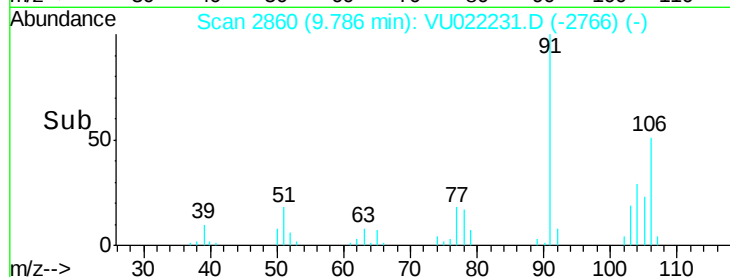
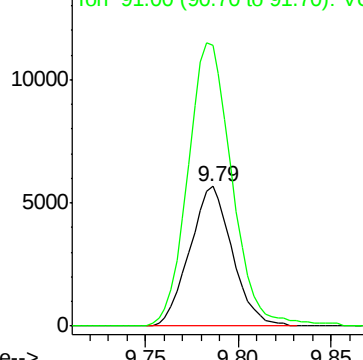
#69
o-Xylene
Concen: 15.26 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

Tgt Ion:106 Resp: 9045
Ion Ratio Lower Upper
106 100
91 209.4 107.3 321.9

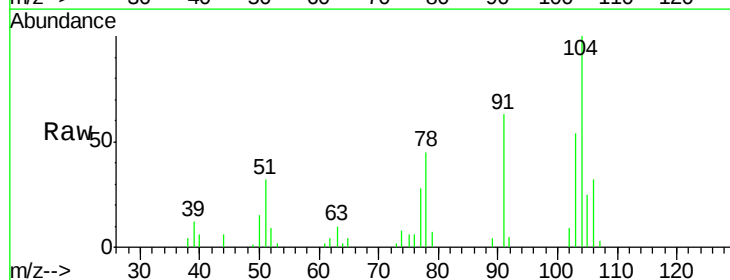


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

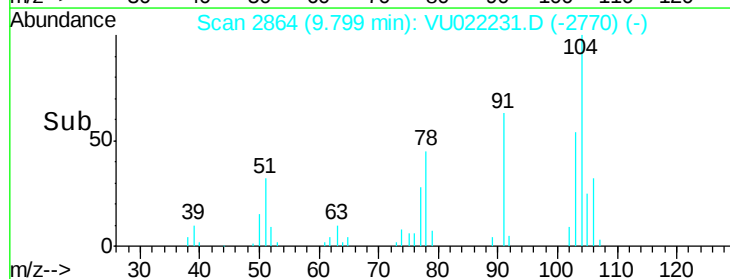
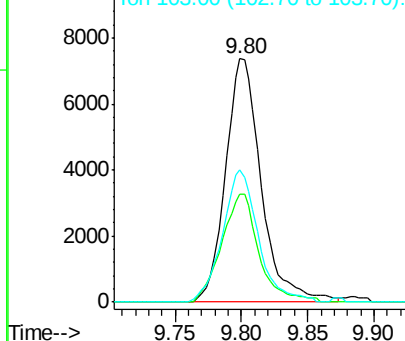


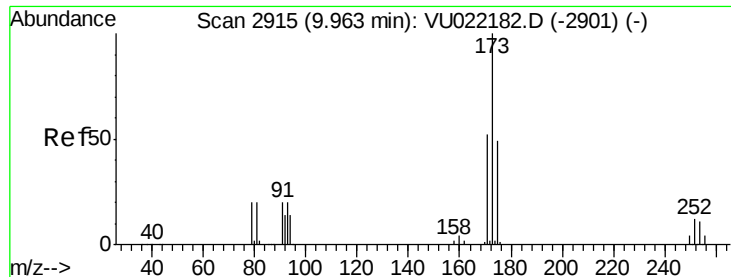
#70
Styrene
Concen: 14.07 ug/l
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion:104 Resp: 13818
Ion Ratio Lower Upper
104 100
78 46.3 39.1 58.7
103 54.3 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 12.21 ug/l

RT: 9.97 min Scan# 2917

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

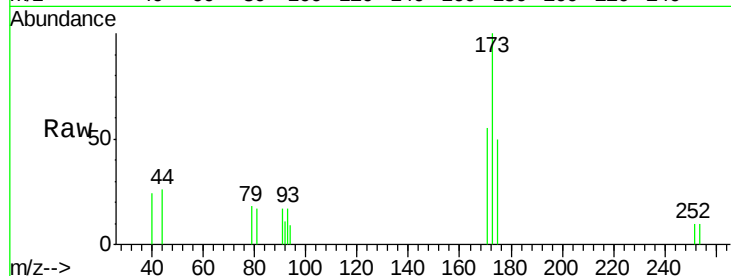
Tgt Ion:173 Resp: 3035

Ion Ratio Lower Upper

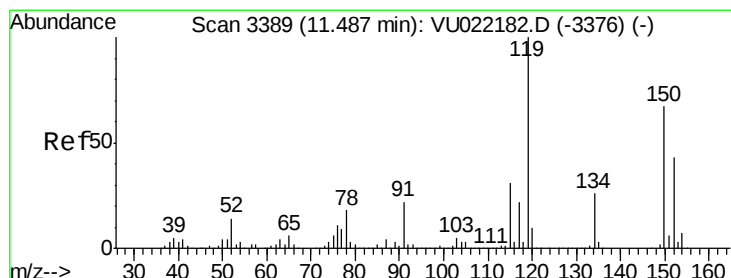
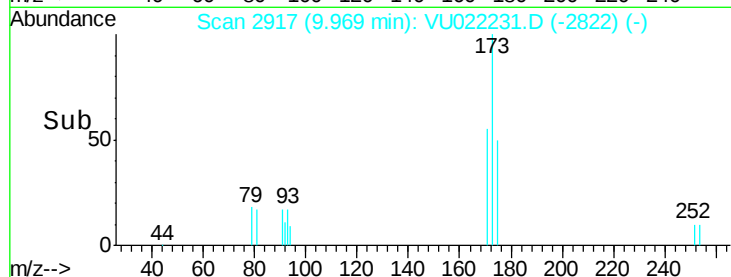
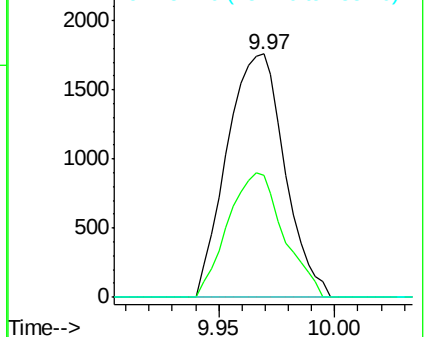
173 100

175 49.4 24.3 72.9

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

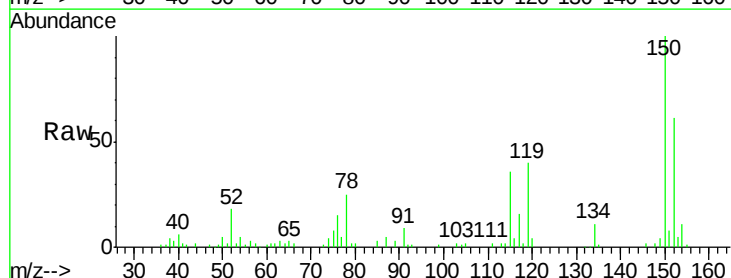
Tgt Ion:152 Resp: 25080

Ion Ratio Lower Upper

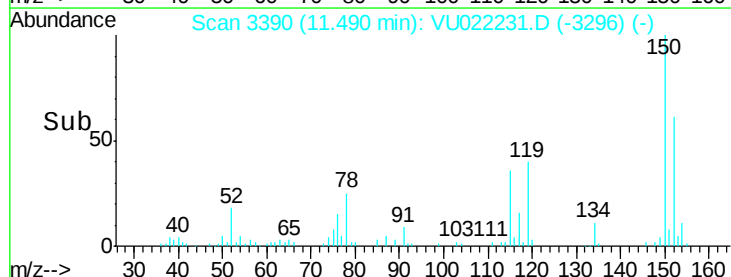
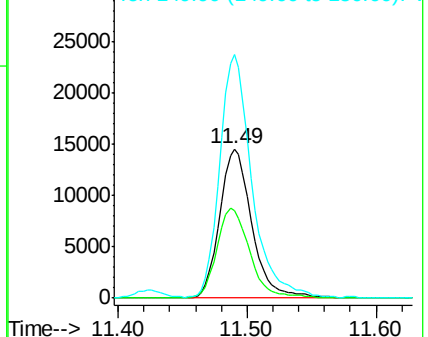
152 100

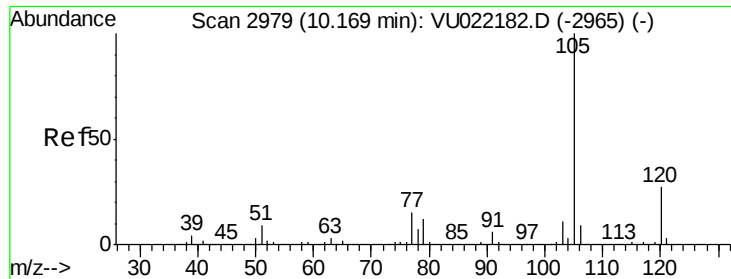
115 61.7 38.8 116.3

150 164.2 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 15.67 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :

ClientSampled :

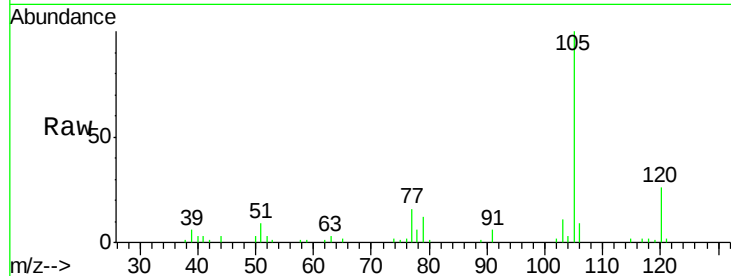
BFB

Tgt Ion: 105 Resp: 24623

Ion Ratio Lower Upper

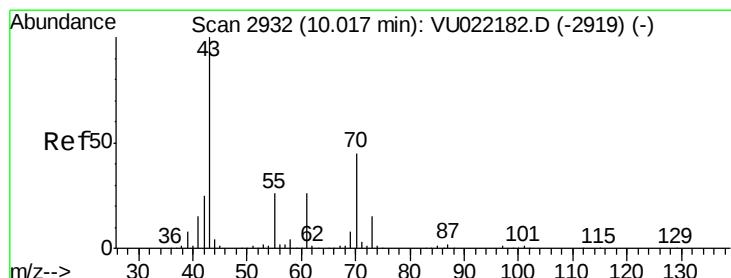
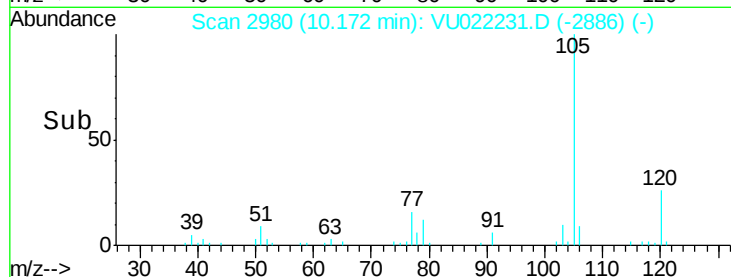
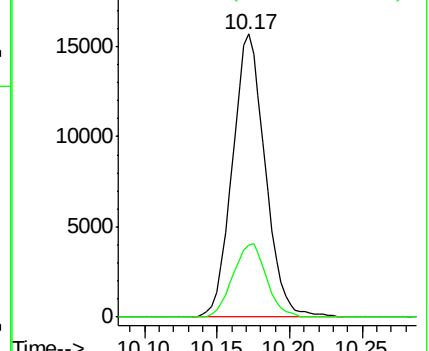
105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 11.24 ug/l

RT: 10.03 min Scan# 2935

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Tgt Ion: 43 Resp: 6339

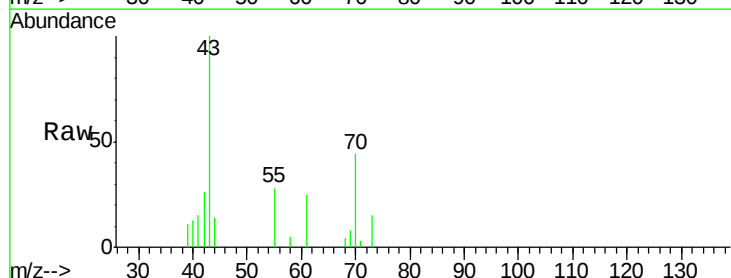
Ion Ratio Lower Upper

43 100

70 43.3 36.6 55.0

55 29.0 21.9 32.9

61 23.8 20.8 31.2

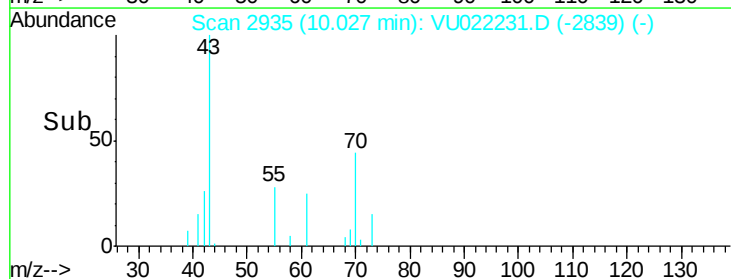
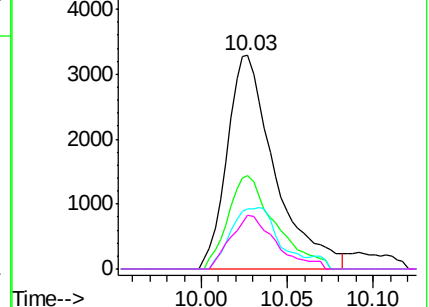


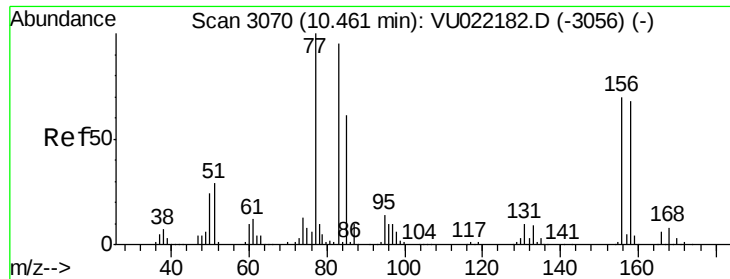
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.32 ug/l

RT: 10.46 min Scan# 3071

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :

ClientSampled :

BFB

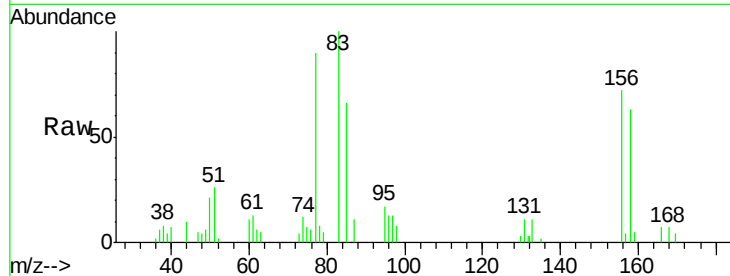
Tgt Ion: 83 Resp: 8625

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.2

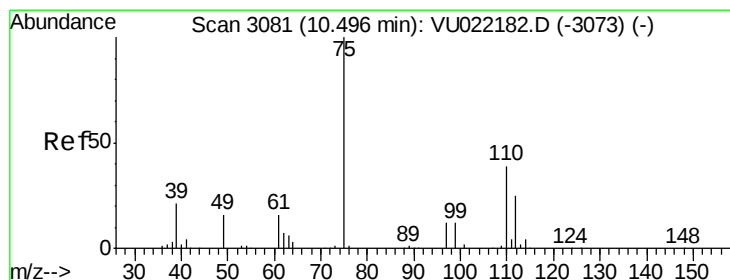
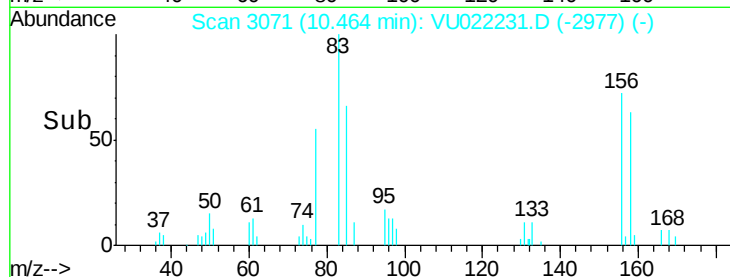
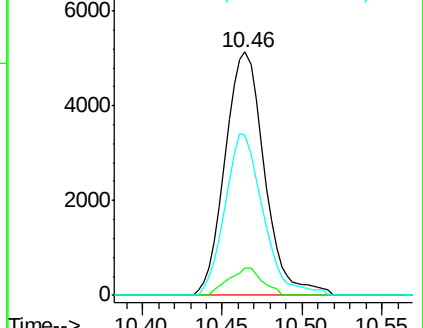
85 64.1 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 2.42 ug/l

RT: 10.23 min Scan# 2998

Delta R.T. -0.27 min

Lab File: VU022231.D

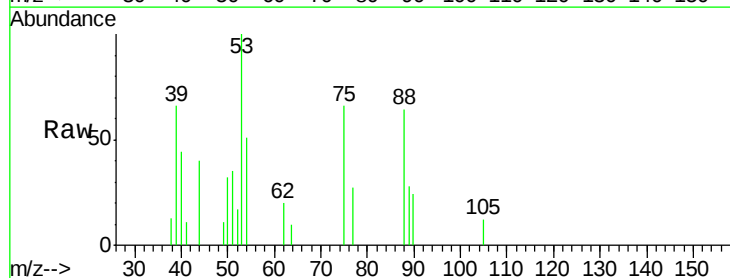
Acq: 15 Feb 2018 14:06

Tgt Ion: 75 Resp: 1064

Ion Ratio Lower Upper

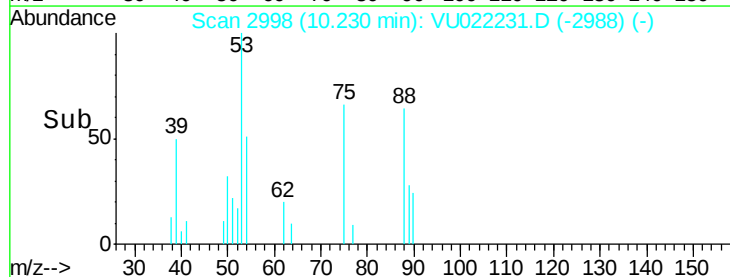
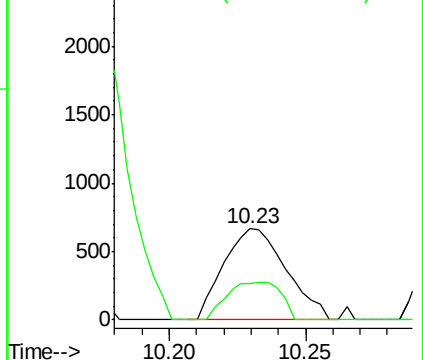
75 100

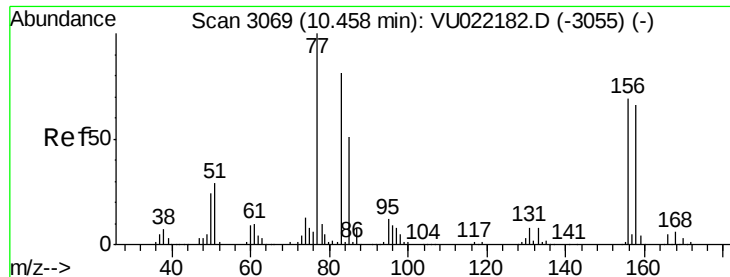
77 35.3 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 16.57 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :

ClientSampled :

BFB

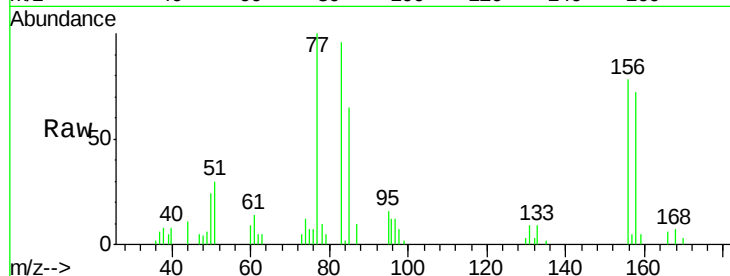
Tgt Ion:156 Resp: 6906

Ion Ratio Lower Upper

156 100

77 129.8 74.7 224.0

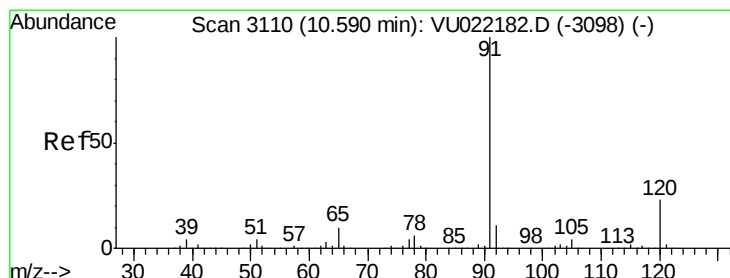
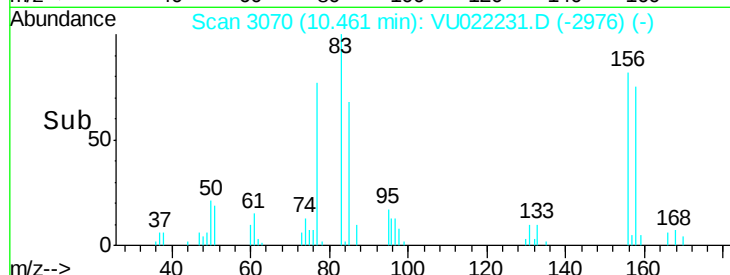
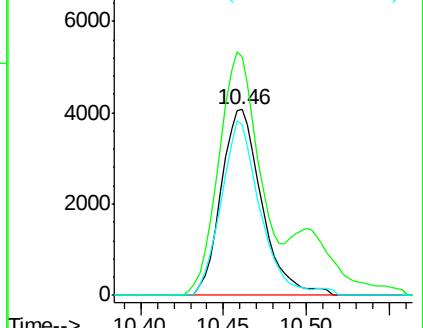
158 89.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 15.01 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU022231.D

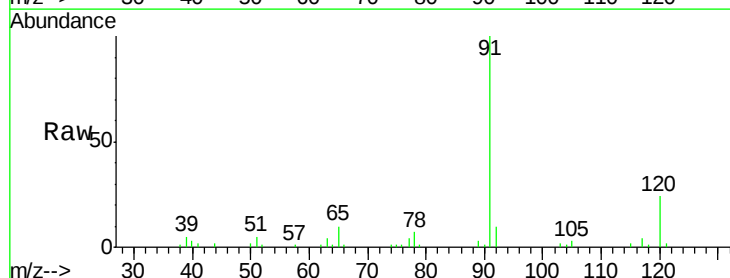
Acq: 15 Feb 2018 14:06

Tgt Ion: 91 Resp: 28417

Ion Ratio Lower Upper

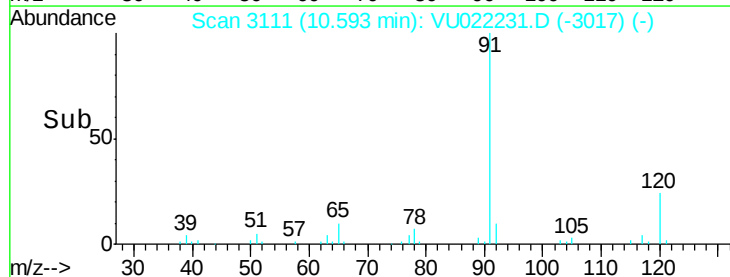
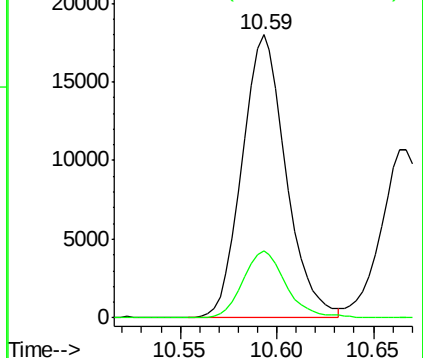
91 100

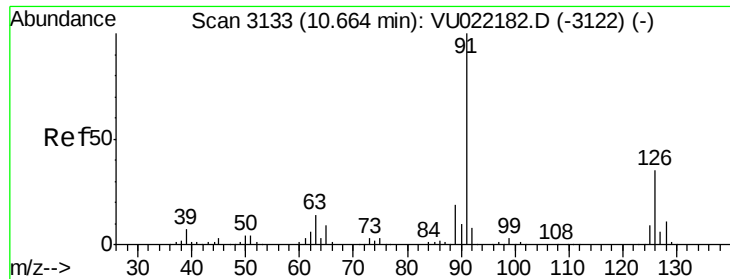
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

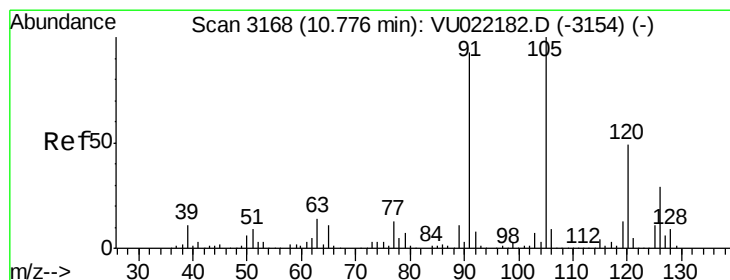
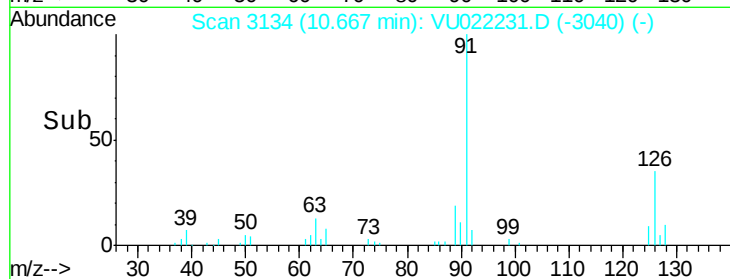
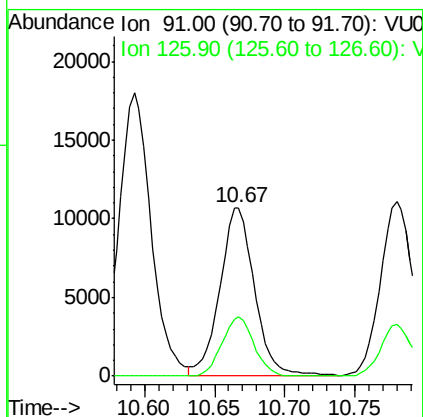
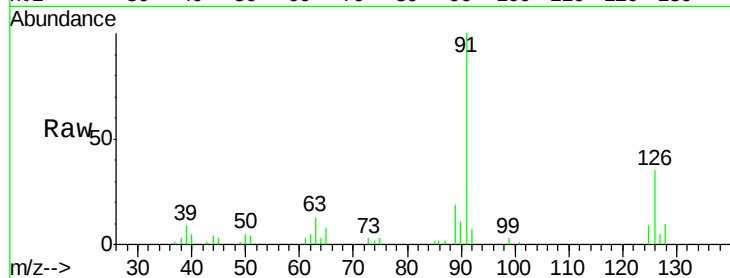




#79
 2-Chlorotoluene
 Concen: 16.65 ug/l
 RT: 10.67 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

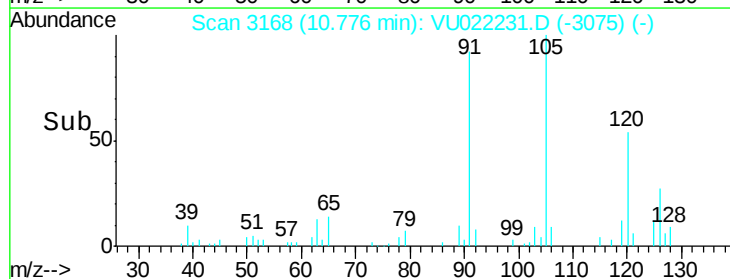
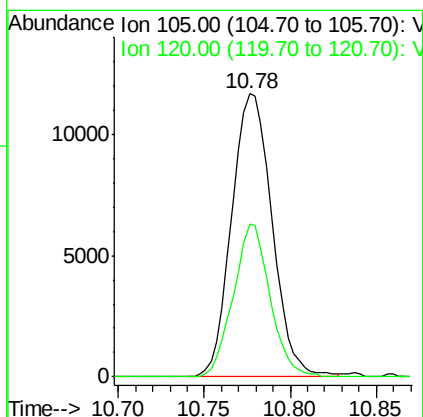
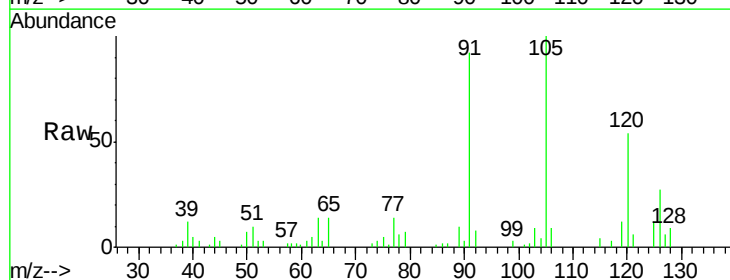
Instrument :
 ClientSampled :
 BFB

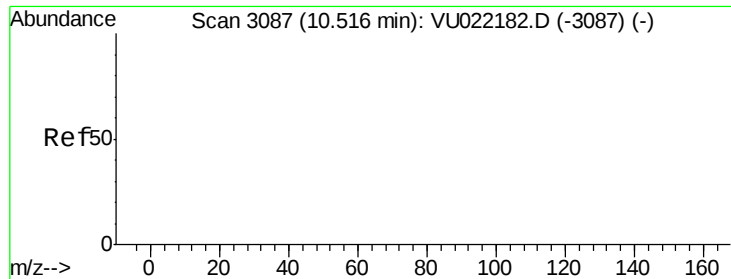
Tgt Ion: 91 Resp: 18444
 Ion Ratio Lower Upper
 91 100
 126 32.0 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 14.29 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion: 105 Resp: 19079
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2

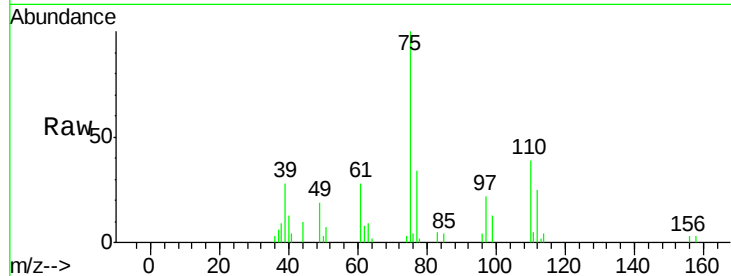




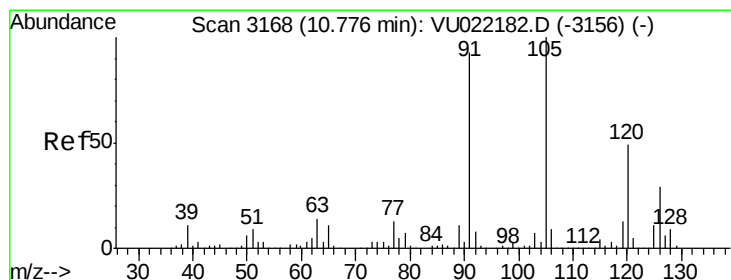
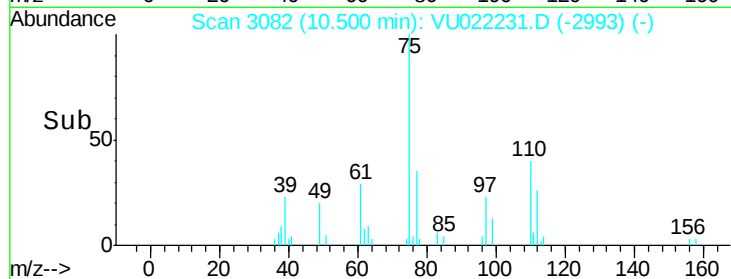
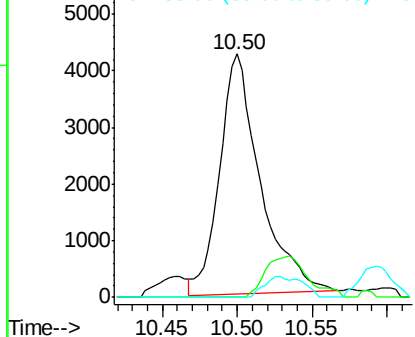
#81
trans-1,4-Dichloro-2-butene
Concen: 50.93 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

Tgt Ion: 75 Resp: 8037
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

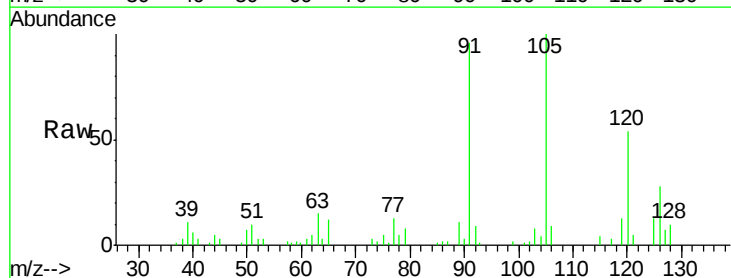


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

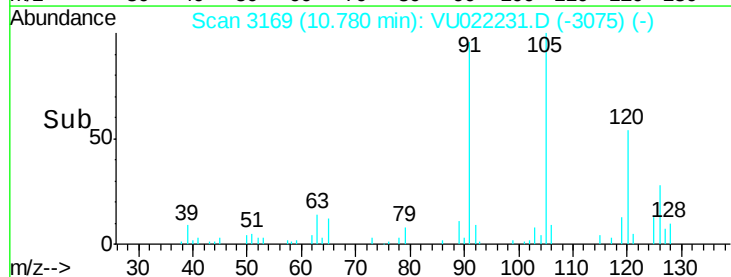
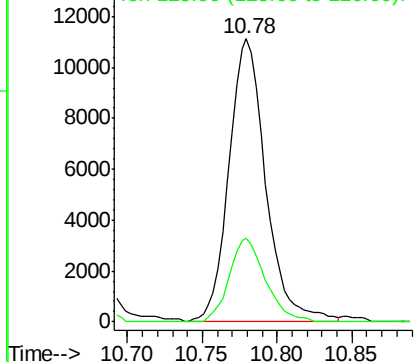


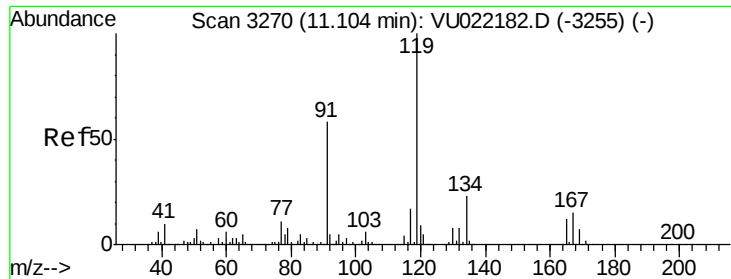
#82
4-Chlorotoluene
Concen: 14.87 ug/l
RT: 10.78 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 91 Resp: 19090
Ion Ratio Lower Upper
91 100
126 29.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

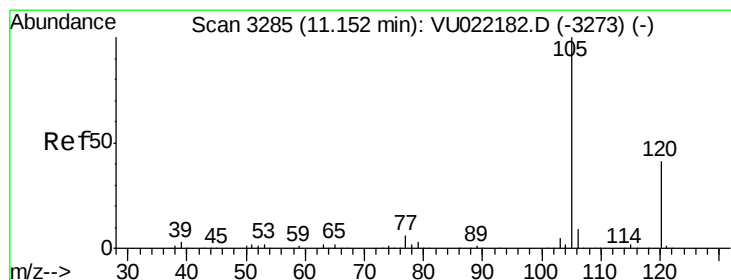
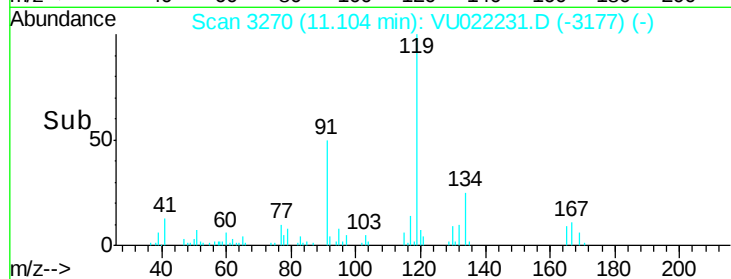
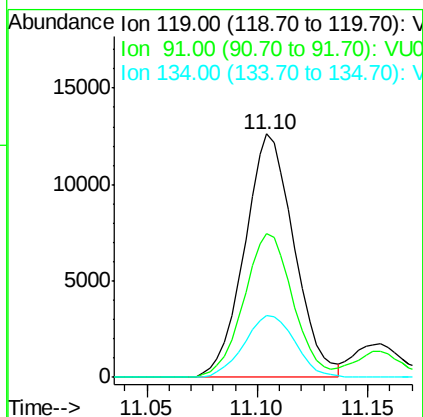
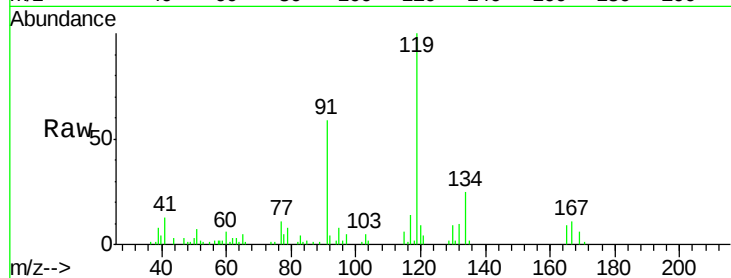




#83
 tert-Butylbenzene
 Concen: 15.53 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

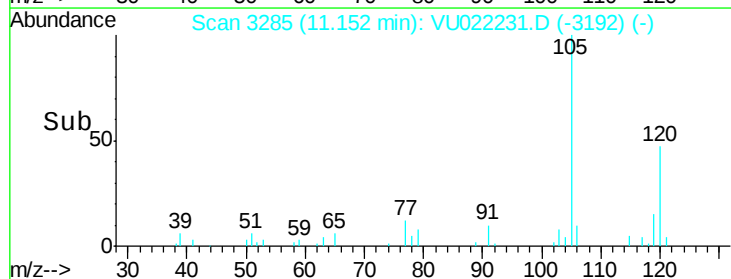
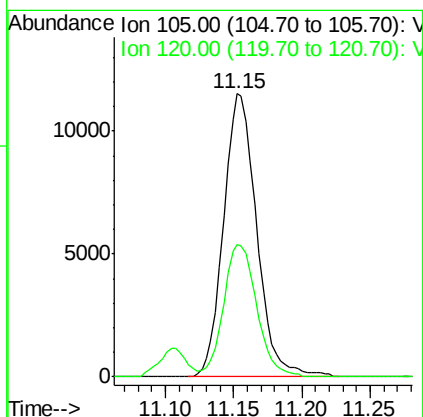
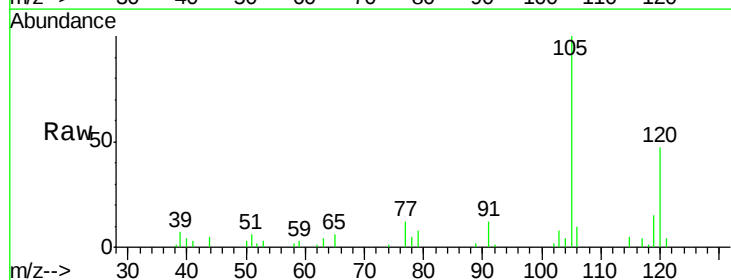
Instrument :
 ClientSampled :
 BFB

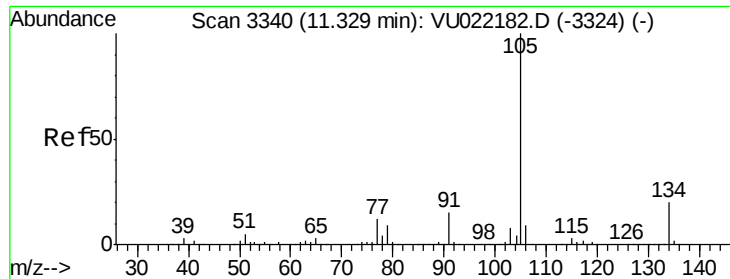
Tgt Ion:119 Resp: 19717
 Ion Ratio Lower Upper
 119 100
 91 58.4 28.6 85.8
 134 26.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 14.33 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion:105 Resp: 19463
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.9 68.8

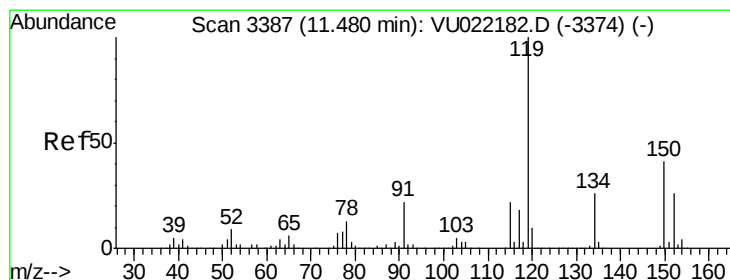
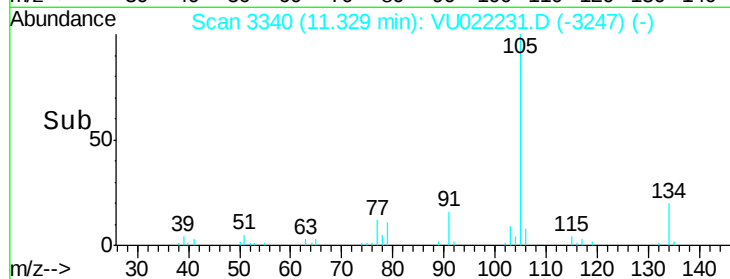
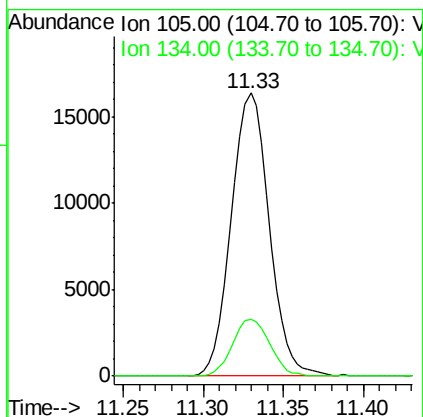
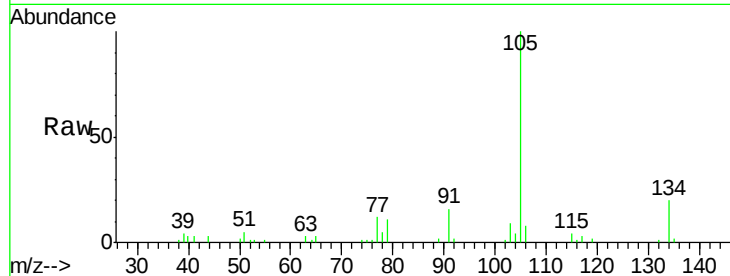




#85
 sec-Butylbenzene
 Concen: 16.15 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

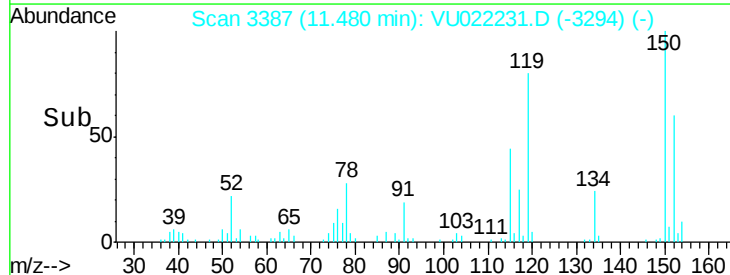
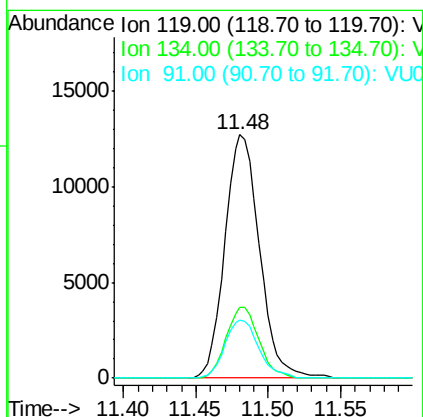
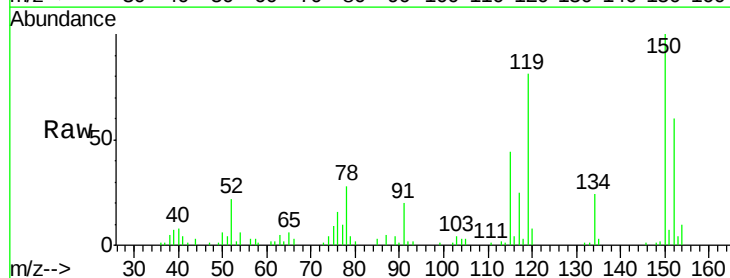
Instrument :
 ClientSampled :
 BFB

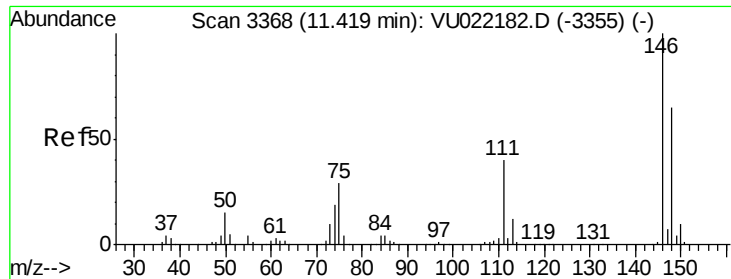
Tgt Ion:105 Resp: 26443
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 14.46 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion:119 Resp: 21073
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.6
 91 23.2 11.3 33.8

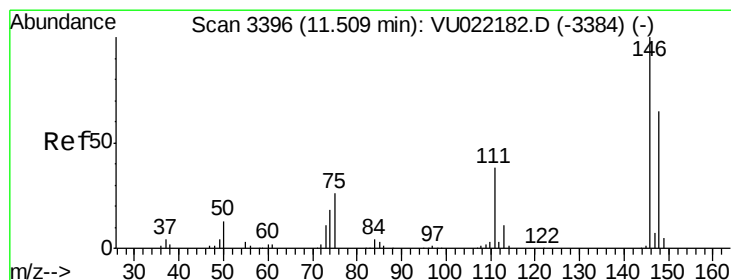
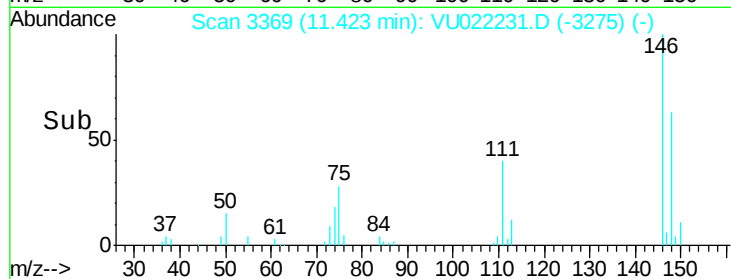
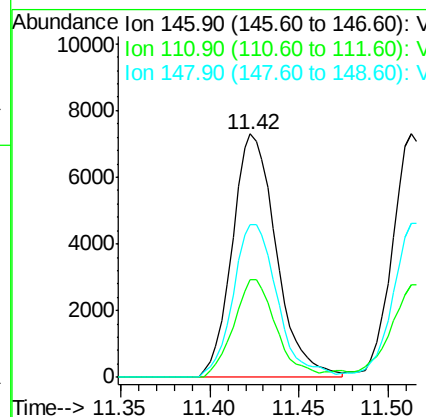
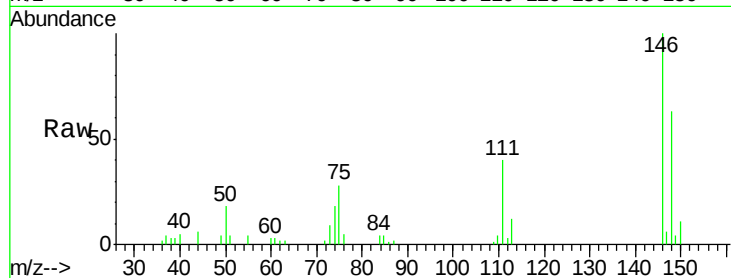




#87
 1,3-Dichlorobenzene
 Concen: 15.77 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

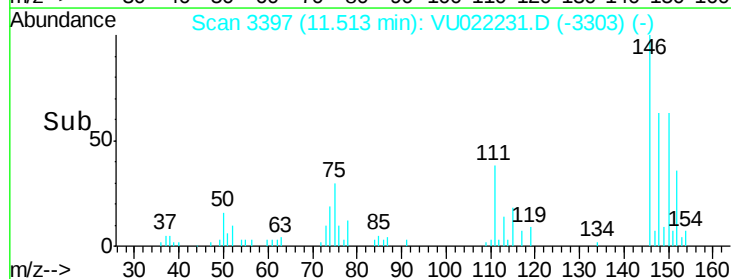
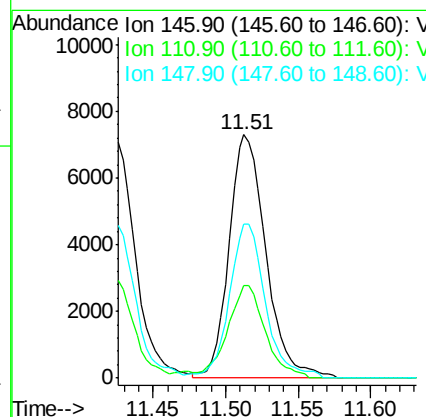
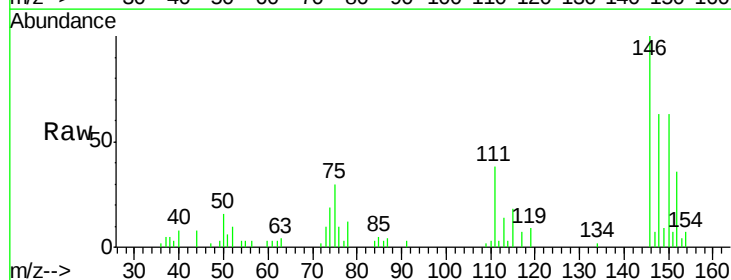
Instrument :
 ClientSampled :
 BFB

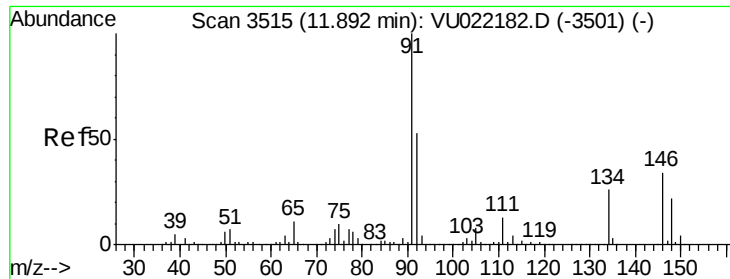
Tgt Ion:146 Resp: 12520
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.8
 148 63.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 15.63 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion:146 Resp: 12890
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.1
 148 61.9 32.4 97.0

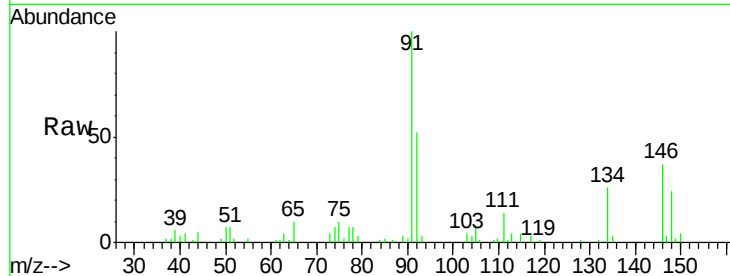




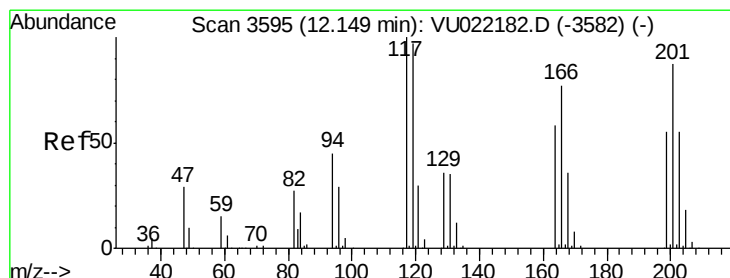
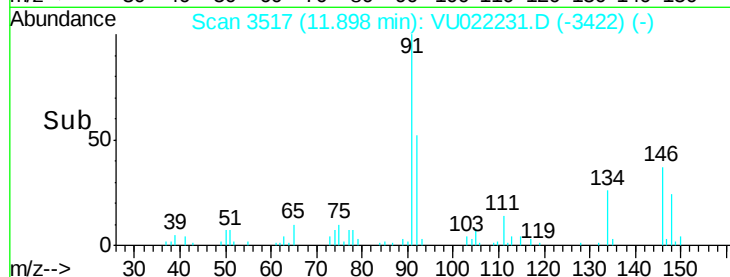
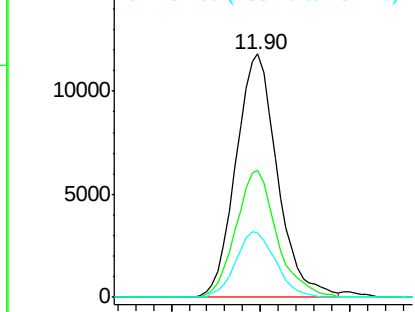
#89
n-Butylbenzene
Concen: 14.20 ug/l
RT: 11.90 min Scan# 3517
Delta R.T. 0.01 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Instrument :
ClientSampled :
BFB

Tgt Ion: 91 Resp: 19094
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 25.8 13.3 39.8

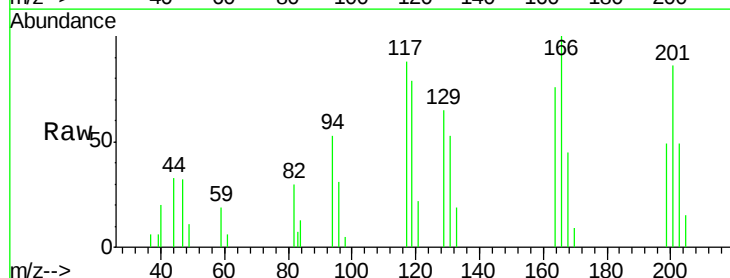


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

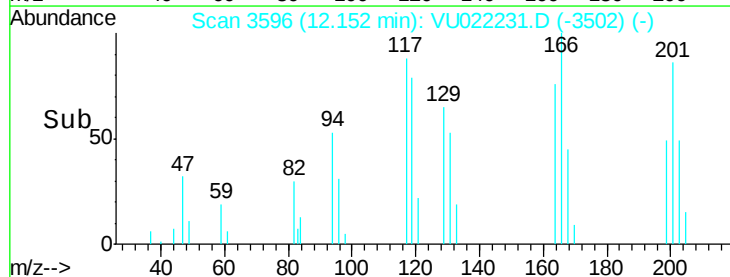
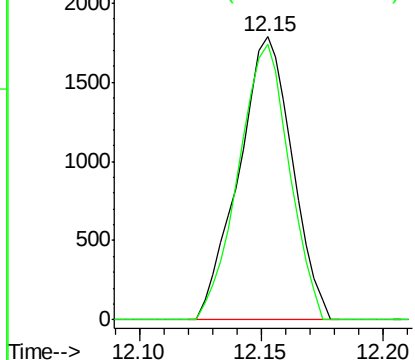


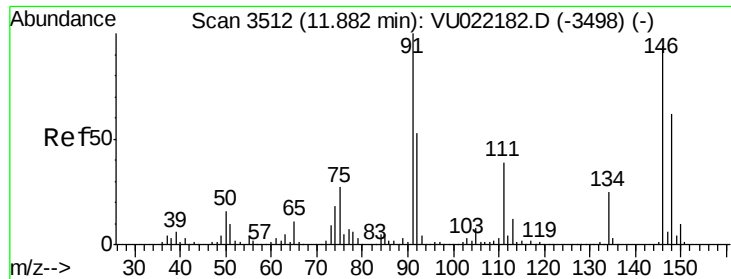
#90
Hexachloroethane
Concen: 12.60 ug/l
RT: 12.15 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VU022231.D
Acq: 15 Feb 2018 14:06

Tgt Ion: 117 Resp: 2717
Ion Ratio Lower Upper
117 100
201 91.9 43.9 131.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

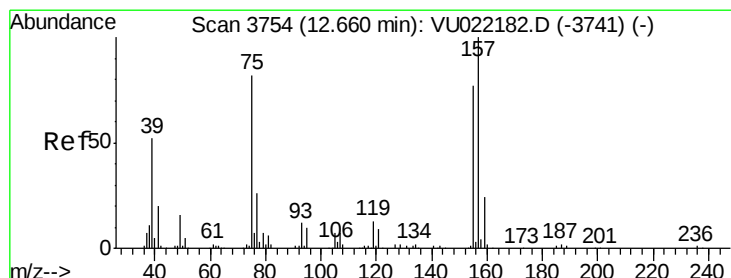
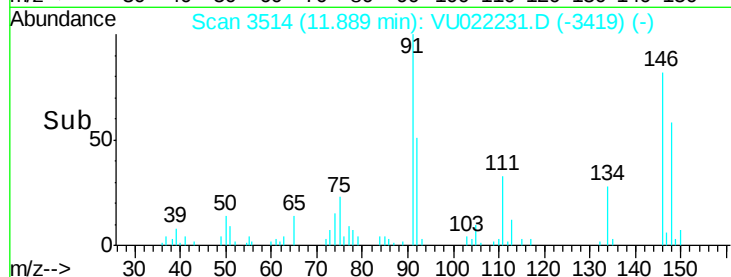
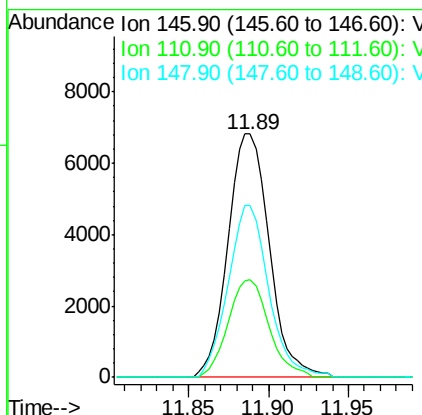
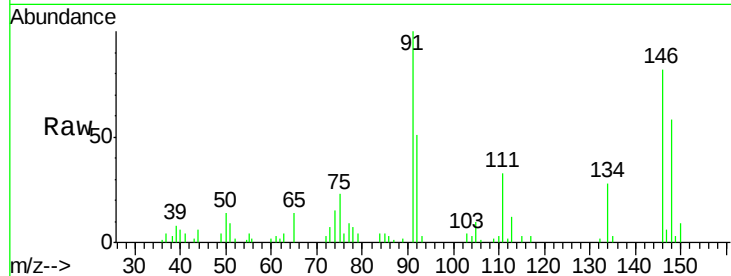




#91
 1,2-Dichlorobenzene
 Concen: 15.50 ug/l
 RT: 11.89 min Scan# 3514
 Delta R.T. 0.01 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

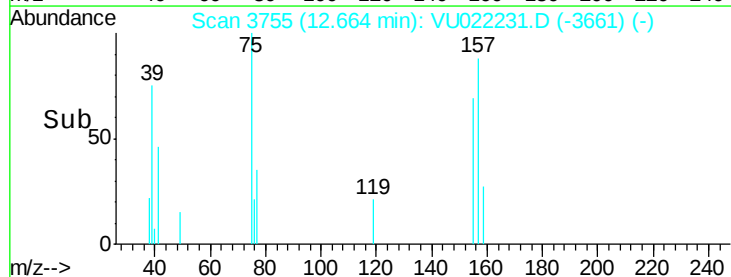
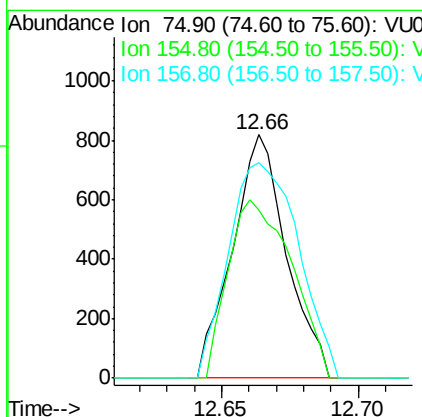
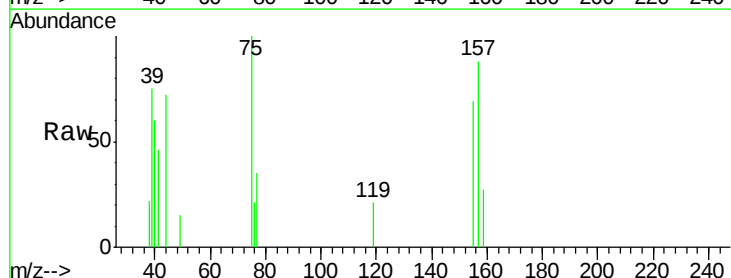
Instrument :
 ClientSampled :
 BFB

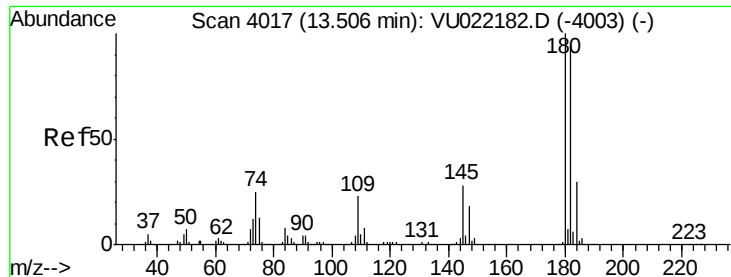
Tgt Ion:146 Resp: 12020
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.8
 148 69.2 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.71 ug/l
 RT: 12.66 min Scan# 3755
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion: 75 Resp: 1120
 Ion Ratio Lower Upper
 75 100
 155 87.1 47.4 142.3
 157 115.4 60.8 182.4

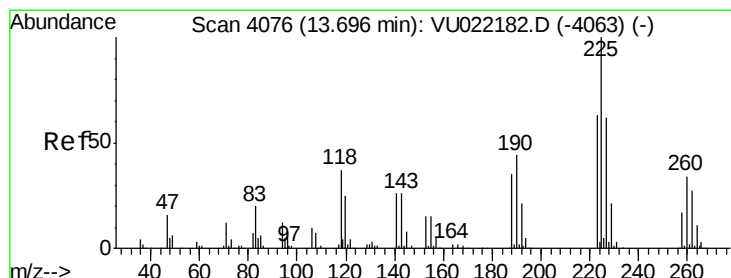
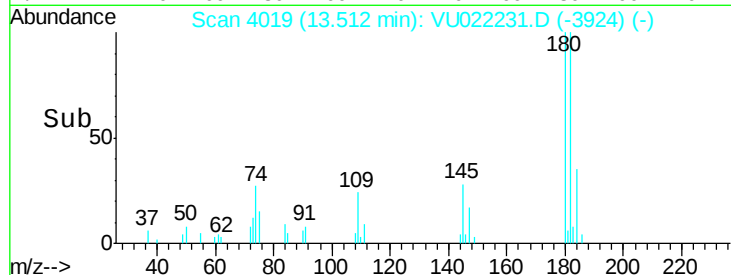
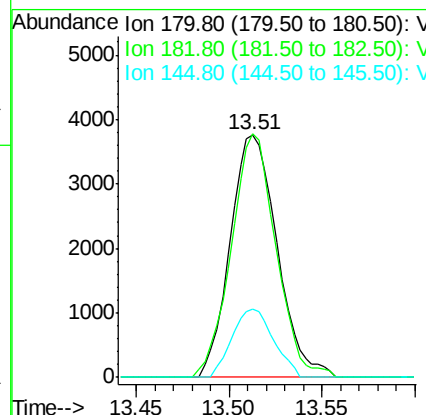
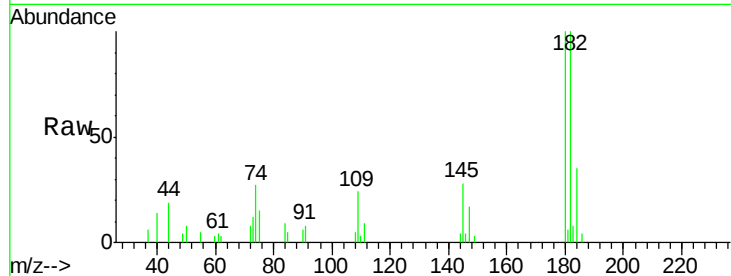




#93
 1,2,4-Trichlorobenzene
 Concen: 12.70 ug/l
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.01 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

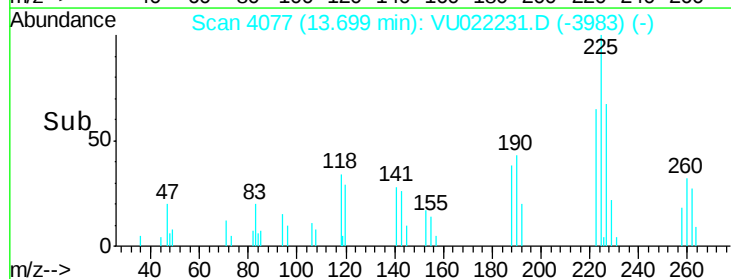
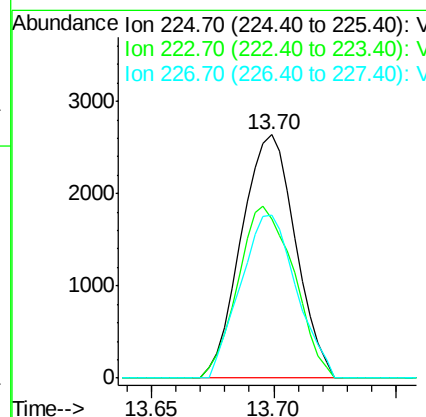
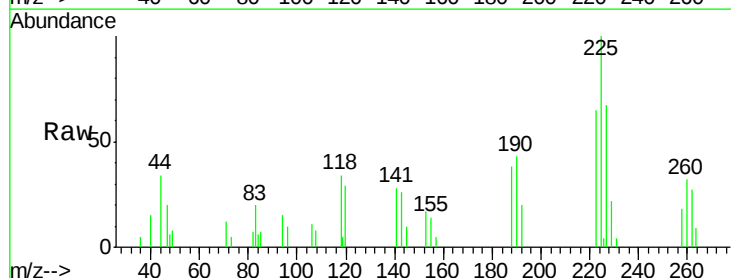
Instrument :
 ClientSampled :
 BFB

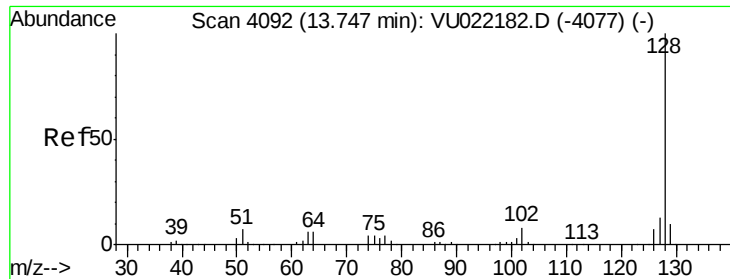
Tgt Ion:180 Resp: 6607
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 142.0
 145 24.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 14.91 ug/l
 RT: 13.70 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VU022231.D
 Acq: 15 Feb 2018 14:06

Tgt Ion:225 Resp: 4062
 Ion Ratio Lower Upper
 225 100
 223 73.0 31.6 94.7
 227 69.3 31.6 95.0





#95

Naphthalene

Concen: 12.28 ug/l

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

Instrument :

ClientSampled :

BFB

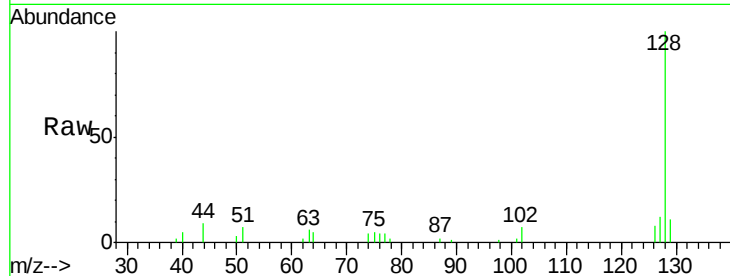
Tgt Ion:128 Resp: 17085

Ion Ratio Lower Upper

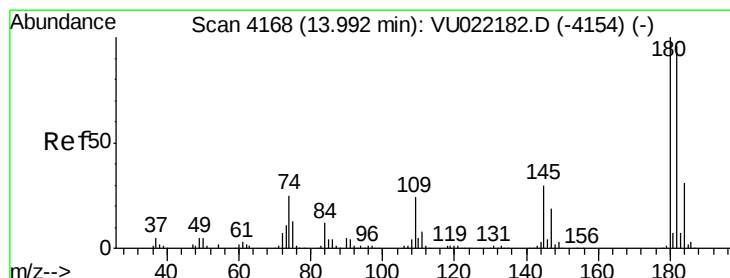
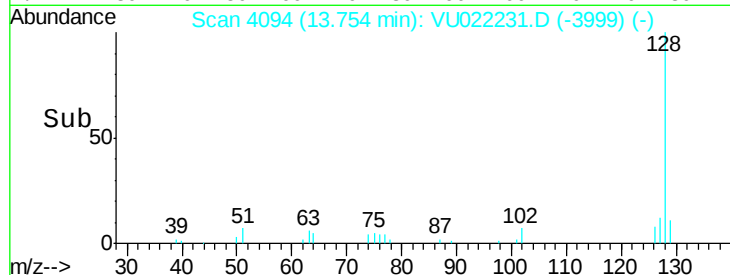
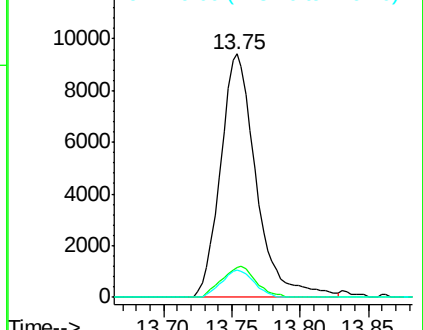
128 100

127 12.2 10.1 15.1

129 10.1 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 13.89 ug/l

RT: 13.99 min Scan# 4169

Delta R.T. 0.00 min

Lab File: VU022231.D

Acq: 15 Feb 2018 14:06

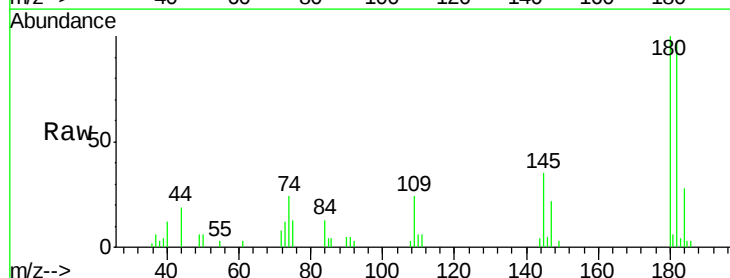
Tgt Ion:180 Resp: 7044

Ion Ratio Lower Upper

180 100

182 94.3 48.1 144.4

145 31.7 15.3 45.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

