

Data File : VU023533.D

Acq On : 30 Apr 2018 17:46

Operator : MD/SY

Sample : VSTDICV010

Misc : 25.0mL/MSVOA_U/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB

Quant Time: May 01 05:08:59 2018

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 05:06:52 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	53850	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	18700	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	17327	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	153626	8.79	ug/l	100
3) Chloromethane	1.33	50	187128	9.24	ug/l	99
4) Vinyl Chloride	1.40	62	190754	9.82	ug/l	99
5) Bromomethane	1.64	94	108064	10.40	ug/l	100
6) Chloroethane	1.70	64	106163	9.81	ug/l	100
7) Trichlorofluoromethane	1.89	101	227836	10.21	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	141013	10.29	ug/l	99
9) 1,1-Dichloroethene	2.29	96	132138	10.38	ug/l	98
10) Iodomethane	2.42	142	162436	10.74	ug/l	100
11) Allyl Chloride	2.60	41	255560	10.93	ug/l	97
12) Acrylonitrile	2.95	53	140323	53.44	ug/l	96
13) Acetone	2.34	43	163980	73.58	ug/l	98
14) Carbon Disulfide	2.48	76	431317	10.30	ug/l	100
15) Methylene Chloride	2.71	84	138489	9.56	ug/l	97
16) trans-1,2-Dichloroethene	2.99	96	141749	10.40	ug/l	98
17) 1,1-Dichloroethane	3.45	63	277939	10.35	ug/l	100
18) 2-Butanone	4.30	43	211887	58.84	ug/l	99
19) Cyclohexane	4.99	56	238568	10.28	ug/l	99
20) Methylcyclohexane	6.41	83	263689	11.14	ug/l	99
21) 2,2-Dichloropropane	4.23	77	223335	10.49	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	153849	10.43	ug/l	99
23) Diethyl Ether	2.11	59	107312	10.32	ug/l	99
24) tert-Butyl Alcohol	2.88	59	42156	55.67	ug/l #	82
25) Methyl tert-Butyl Ether	3.01	73	329405	10.30	ug/l	100
26) Bromochloromethane	4.55	128	56052	9.62	ug/l	99
27) Chloroform	4.68	83	253047	10.01	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	217914	10.50	ug/l	100
29) 1,1-Dichloropropene	5.13	75	208332	10.23	ug/l	99
30) Carbon Tetrachloride	5.13	117	186298	10.67	ug/l	100
31) Isopropyl Ether	3.58	45	471276	10.40	ug/l #	1
34) Propionitrile	4.36	54	103432	100.87	ug/l #	94
35) Benzene	5.39	78	651281	10.77	ug/l	100
36) 1,2-Dichloroethane	5.41	62	175742	10.27	ug/l	100
37) Trichloroethene	6.19	130	167953	10.34	ug/l	99
38) 1,2-Dichloropropane	6.44	63	173952	10.48	ug/l	99
39) Methacrylonitrile	4.56	41	51913	9.90	ug/l	98
40) Methyl acrylate	4.44	55	78178	10.75	ug/l	99
41) Tetrahydrofuran	4.67	42	122348	45.29	ug/l	99
42) 1-Chlorobutane	5.07	56	306241	10.38	ug/l	99
43) Dibromomethane	6.56	93	75193	10.54	ug/l	100
44) Bromodichloromethane	6.76	83	191699	10.69	ug/l	100

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ClientSampleId :
BFB

Quant Time: May 01 05:08:59 2018

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 05:06:52 2018

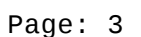
Response via : Initial Calibration

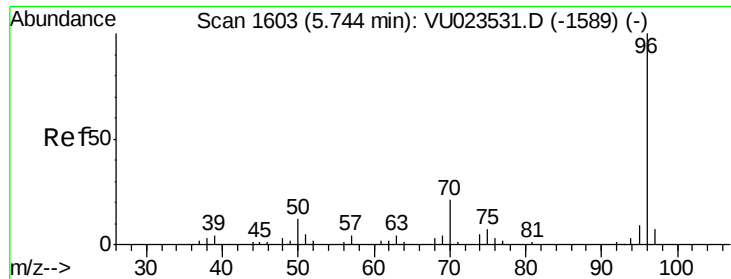
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.48	43	473574	56.15	ug/l	98
46) t-1,4-Dichloro-2-butene	10.50	75	123928	49.70	ug/l #	30
47) Methyl methacrylate	6.64	69	70768	10.94	ug/l	99
48) Ethyl methacrylate	8.03	69	133683	11.82	ug/l	98
49) Toluene	7.64	92	390922	11.19	ug/l	98
50) t-1,3-Dichloropropene	7.89	75	183805	12.01	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	229594	11.52	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	110223	10.85	ug/l	99
53) 1,3-Dichloropropane	8.25	76	194705	10.79	ug/l	99
54) 2-Hexanone	8.37	43	358278	62.36	ug/l	100
55) Dibromochloromethane	8.48	129	120493	10.83	ug/l	99
56) 1,2-Dibromoethane	8.59	107	96432	11.02	ug/l	99
58) Tetrachloroethene	8.23	164	160616	10.85	ug/l	97
59) Chlorobenzene	9.12	112	409166	10.94	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	135887	10.70	ug/l	100
61) Pentachloroethane	11.10	117	96150	10.66	ug/l	98
62) Hexachloroethane	12.15	117	91828	10.61	ug/l	99
63) Ethyl Benzene	9.25	91	725745	11.67	ug/l	99
64) m/p-Xylenes	9.38	106	561457	23.42	ug/l	100
65) o-Xylene	9.78	106	262023	11.35	ug/l	99
66) Styrene	9.80	104	434613	11.41	ug/l	99
67) Bromoform	9.96	173	64294	11.06	ug/l	100
69) Isopropylbenzene	10.17	105	712752	11.98	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	121767	10.64	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	123928	15.13	ug/l #	82
72) Bromobenzene	10.46	156	163821	11.06	ug/l	96
73) n-propylbenzene	10.59	120	195978	11.92	ug/l	97
74) 2-Chlorotoluene	10.66	126	166347	11.44	ug/l	97
75) 1,3,5-Trimethylbenzene	10.78	105	597975	11.93	ug/l	100
76) 4-Chlorotoluene	10.78	126	173165	11.50	ug/l	99
77) tert-Butylbenzene	11.10	119	540621	11.52	ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	597532	11.81	ug/l	99
79) sec-Butylbenzene	11.33	105	722722	10.99	ug/l	99
80) Nitrobenzene	12.87	77	4785	12.00	ug/l	96
81) p-Isopropyltoluene	11.48	119	635942	11.77	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	321145	10.87	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	325404	11.03	ug/l	100
84) n-Butylbenzene	11.89	91	622726	11.81	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	286012	10.72	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	18187	11.26	ug/l	99
87) 1,2,4-Trichlorobenzene	13.51	180	228170	11.82	ug/l	99
88) Hexachlorobutadiene	13.70	225	126155	10.78	ug/l	99
89) Naphthalene	13.75	128	366054	12.59	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	200377	11.06	ug/l	99

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

ALS Vial : 8 Sample Multiplier: 1

Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

BFB

Tgt Ion: 96 Resp: 53850

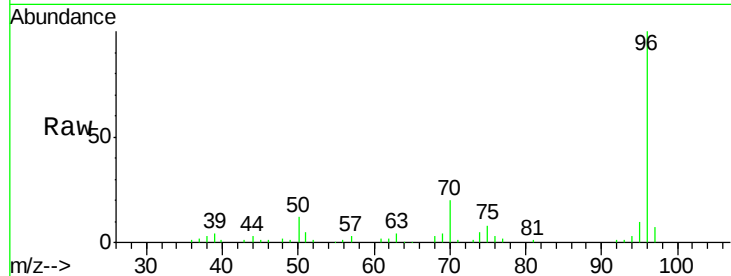
Ion Ratio Lower Upper

96 100

70 19.6 16.2 24.4

95 9.0 6.9 10.3

97 0.0 0.0 0.0

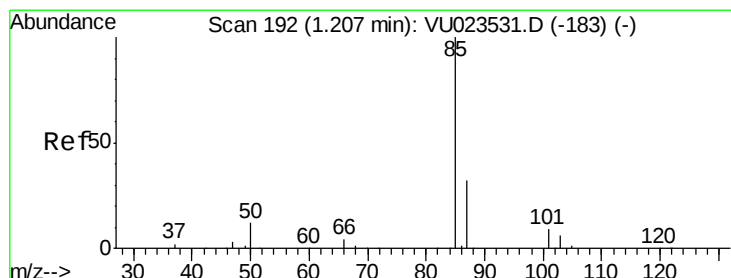
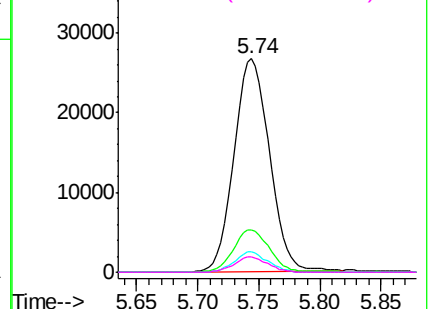
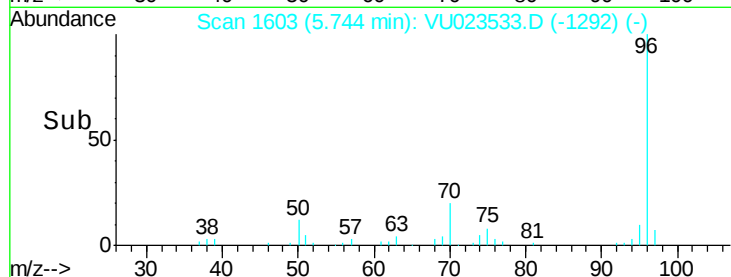


Abundance Ion 96.00 (95.70 to 96.70): VU023533.D (-1292) (-)

Ion 70.00 (69.70 to 70.70): VU023533.D (-1292) (-)

Ion 95.00 (94.70 to 95.70): VU023533.D (-1292) (-)

Ion 97.00 (96.70 to 97.70): VU023533.D (-1292) (-)



#2

Dichlorodifluoromethane

Concen: 8.79 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023533.D

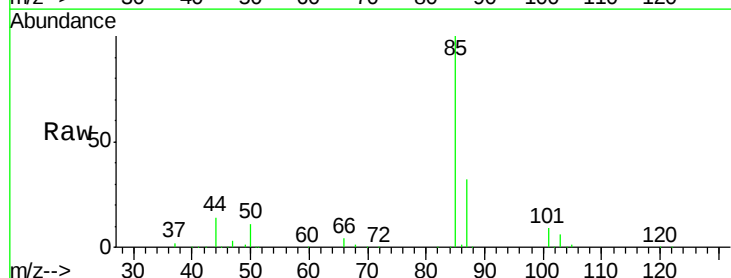
Acq: 30 Apr 2018 17:46

Tgt Ion: 85 Resp: 153626

Ion Ratio Lower Upper

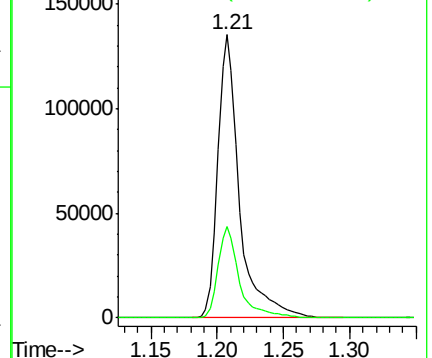
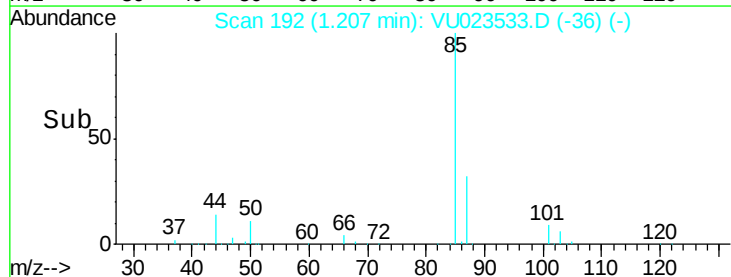
85 100

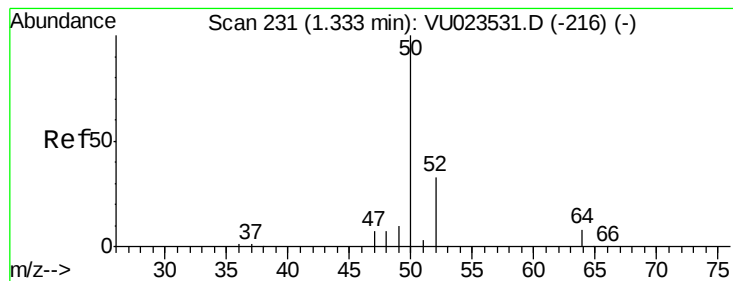
87 32.1 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU023533.D (-36) (-)

Ion 87.00 (86.70 to 87.70): VU023533.D (-36) (-)





#3

Chloromethane

Concen: 9.24 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

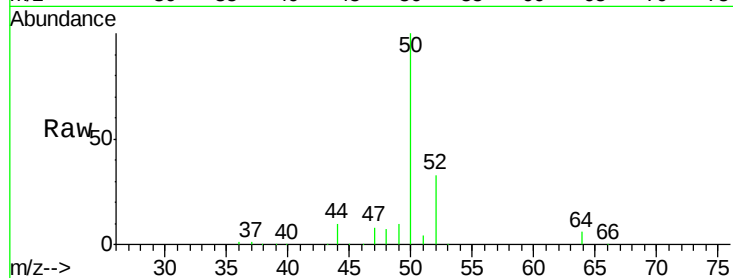
BFB

Tgt Ion: 50 Resp: 187128

Ion Ratio Lower Upper

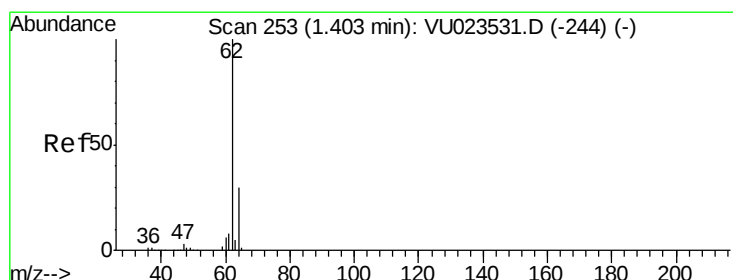
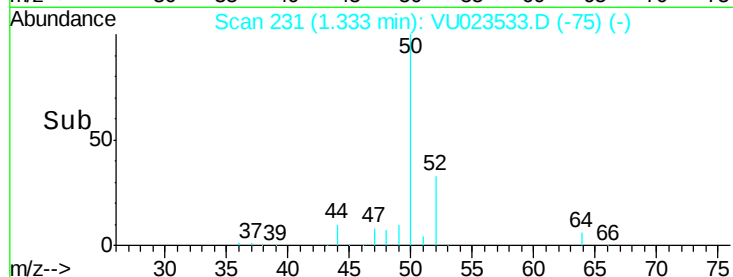
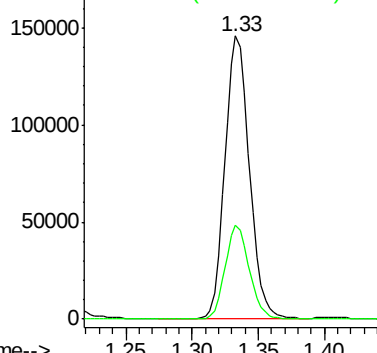
50 100

52 33.0 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.82 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023533.D

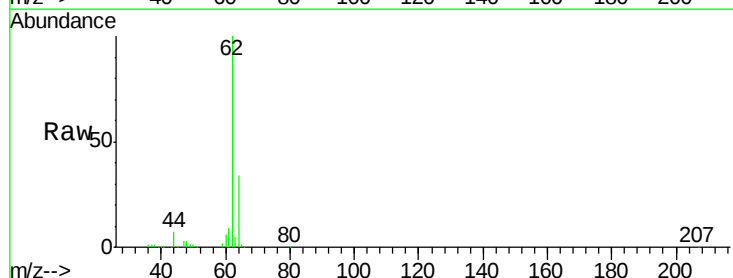
Acq: 30 Apr 2018 17:46

Tgt Ion: 62 Resp: 190754

Ion Ratio Lower Upper

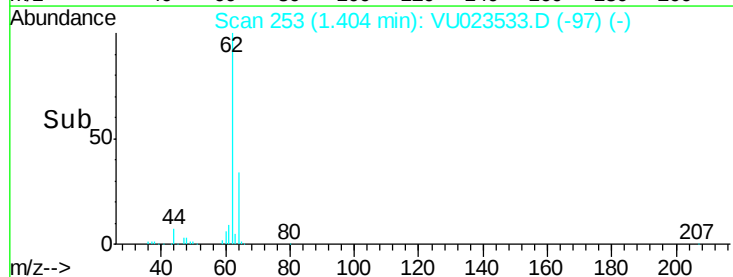
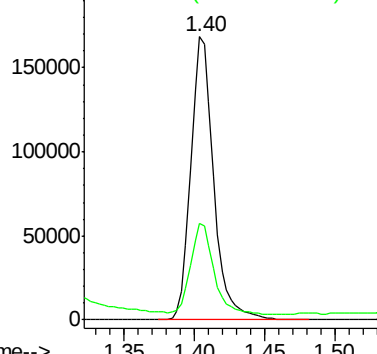
62 100

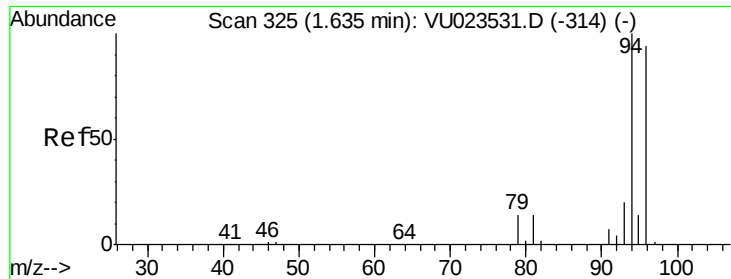
64 31.9 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 10.40 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

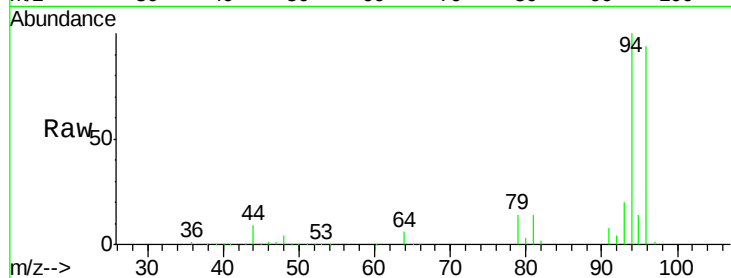
BFB

Tgt Ion: 94 Resp: 108064

Ion Ratio Lower Upper

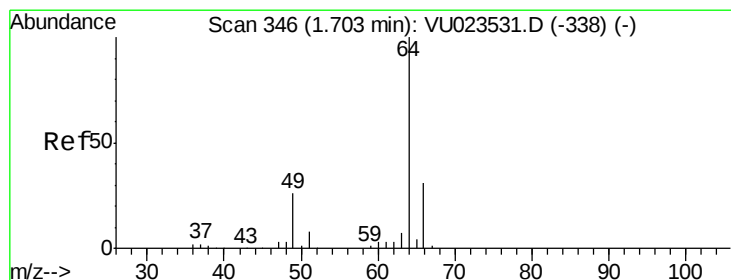
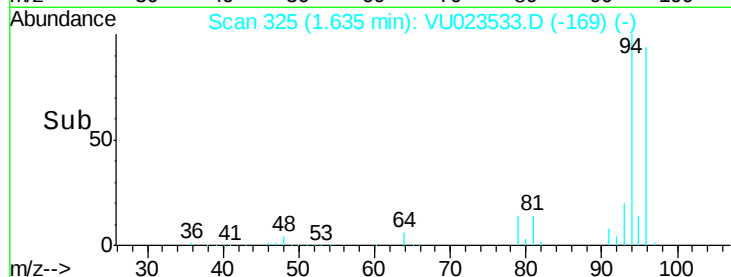
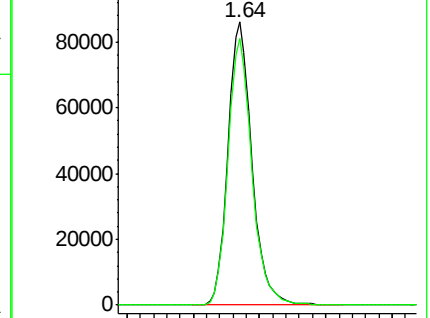
94 100

96 94.0 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.81 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU023533.D

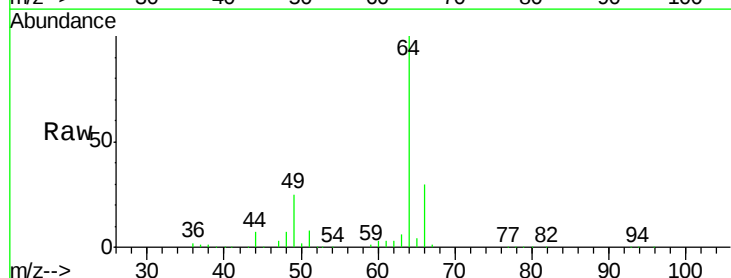
Acq: 30 Apr 2018 17:46

Tgt Ion: 64 Resp: 106163

Ion Ratio Lower Upper

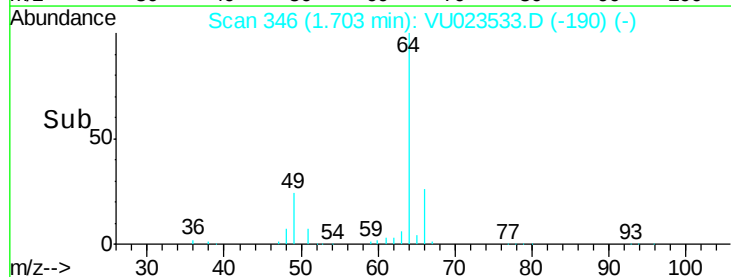
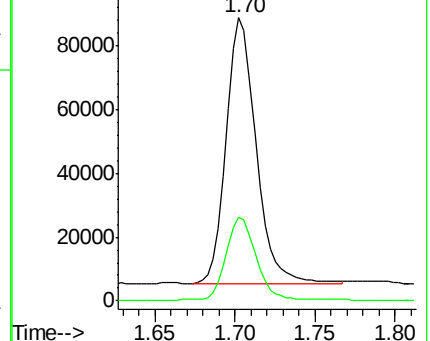
64 100

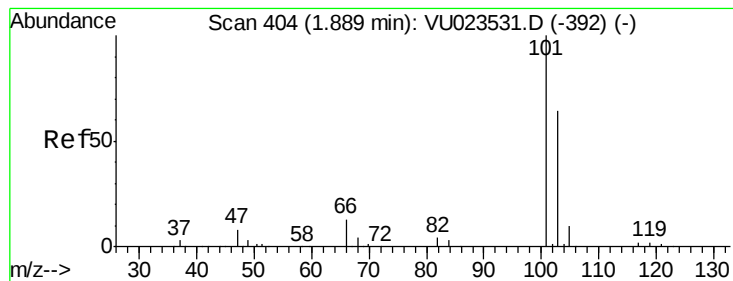
66 31.2 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



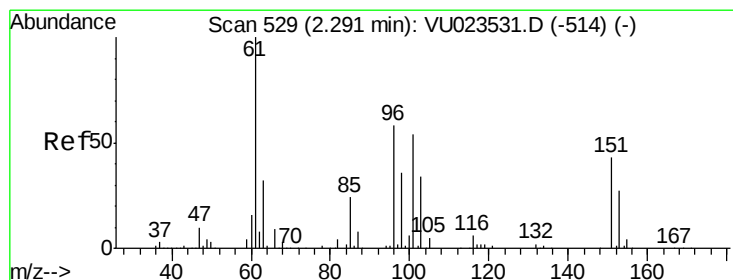
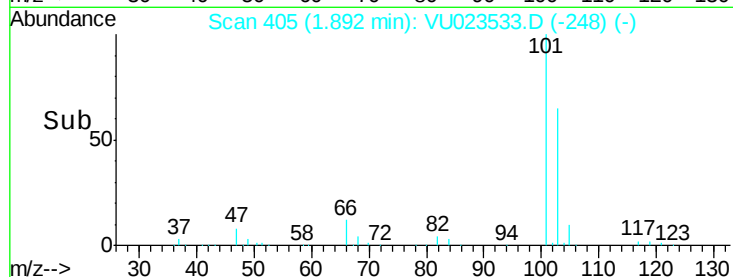
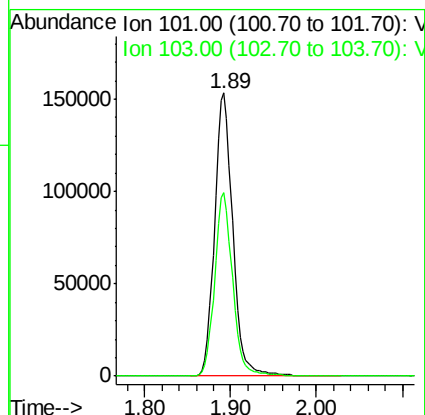
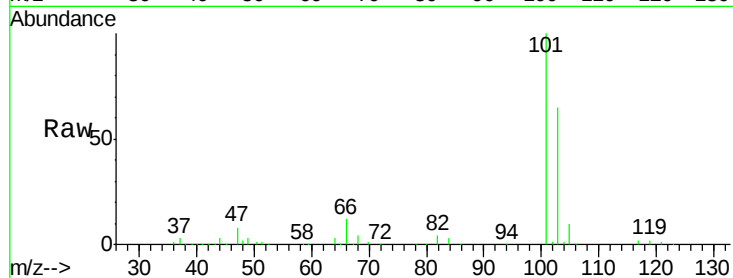


#7

Trichlorofluoromethane
 Concen: 10.21 ug/l
 RT: 1.89 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

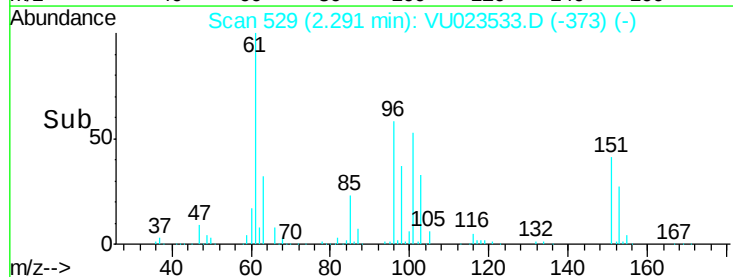
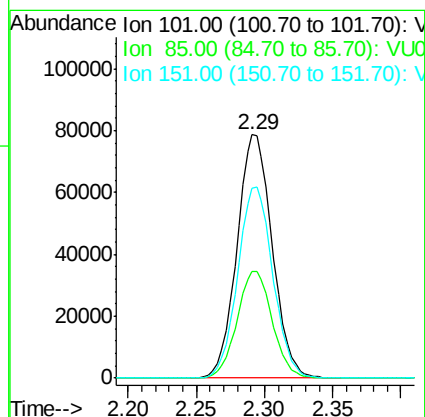
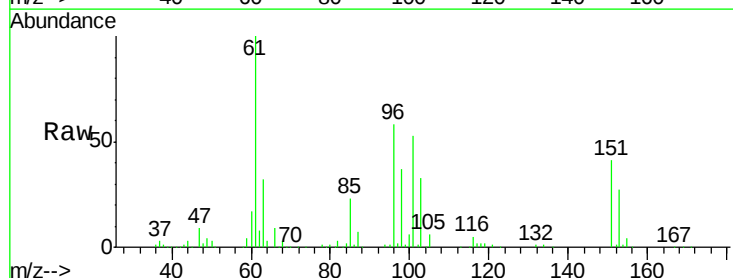
Tgt Ion:101 Resp: 227836
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0

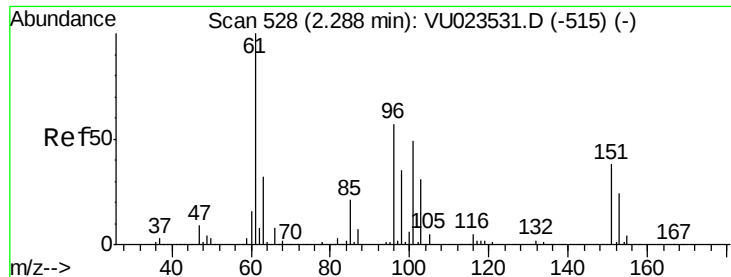


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.29 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion:101 Resp: 141013
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.2 52.8
 151 78.4 63.5 95.3





#9

1,1-Dichloroethene

Concen: 10.38 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

BFB

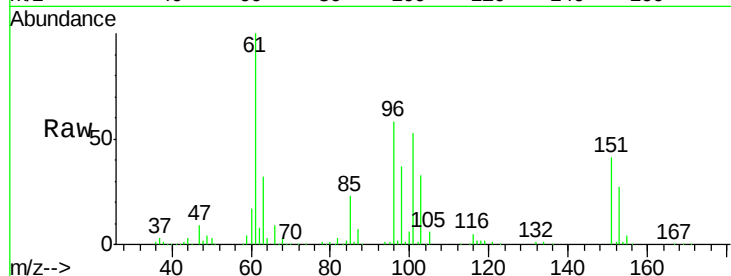
Tgt Ion: 96 Resp: 132138

Ion Ratio Lower Upper

96 100

61 173.4 0.0 526.5

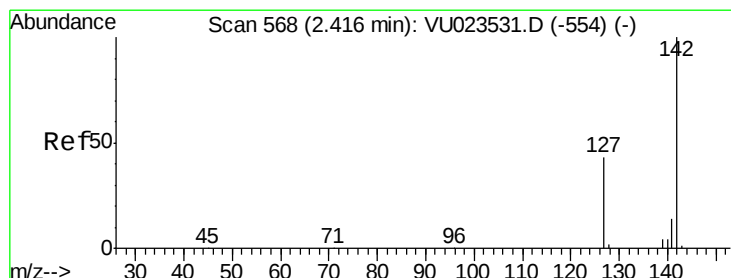
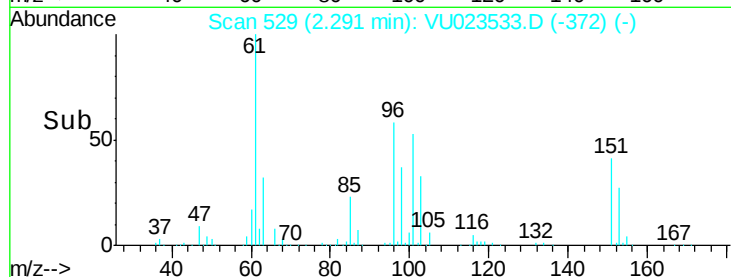
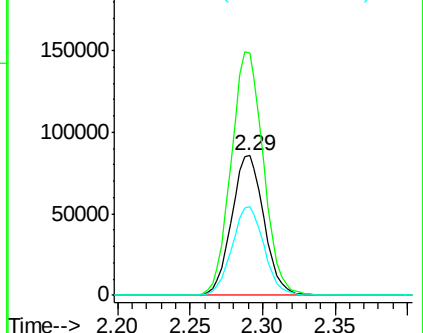
98 64.0 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU023533.D (-515) (-)

Ion 61.00 (60.70 to 61.70): VU023533.D (-515) (-)

Ion 98.00 (97.70 to 98.70): VU023533.D (-515) (-)



#10

Iodomethane

Concen: 10.74 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU023533.D

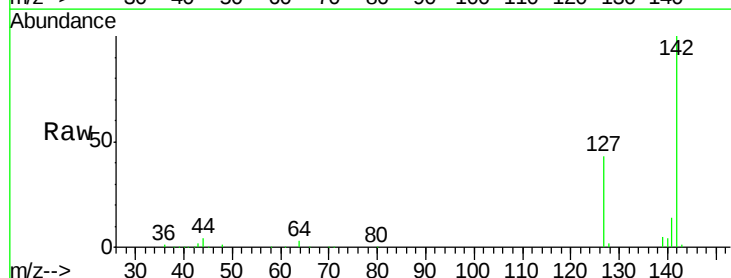
Acq: 30 Apr 2018 17:46

Tgt Ion: 142 Resp: 162436

Ion Ratio Lower Upper

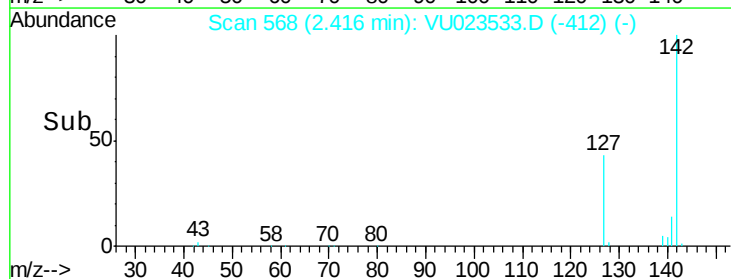
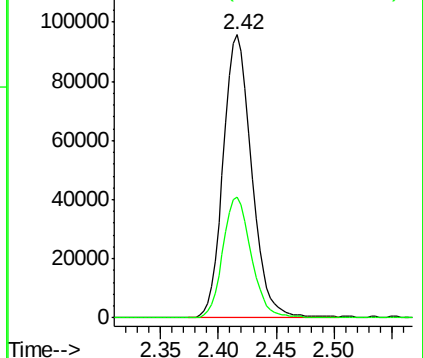
142 100

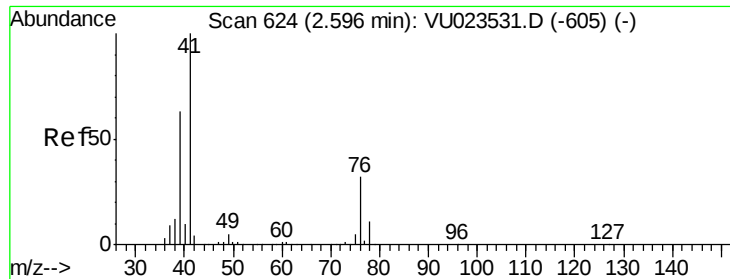
127 42.8 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): VU023533.D (-554) (-)

Ion 127.00 (126.70 to 127.70): VU023533.D (-554) (-)

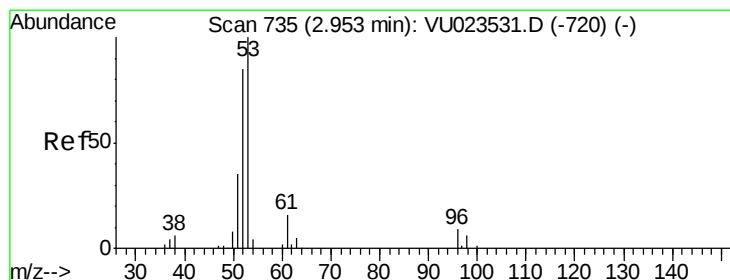
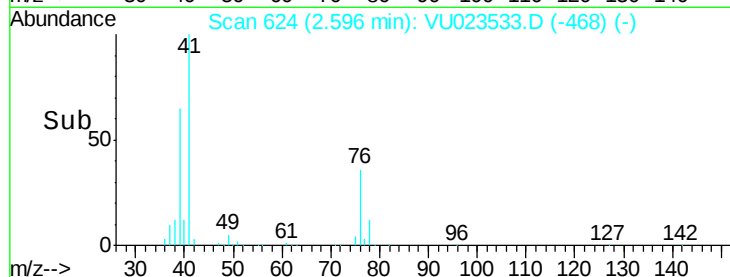
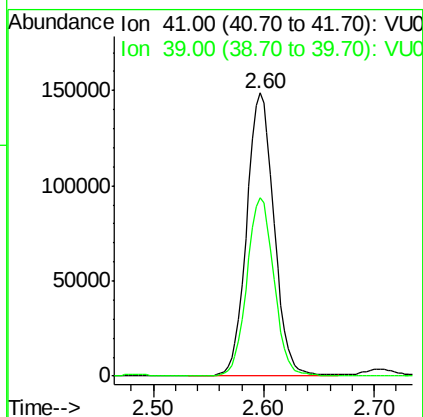
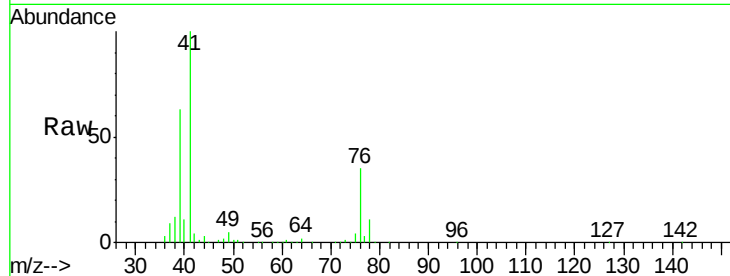




#11
 Allyl Chloride
 Concen: 10.93 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

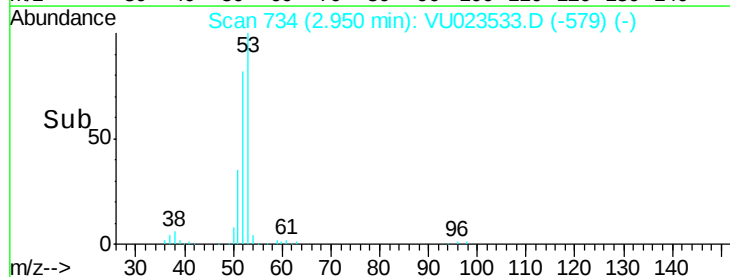
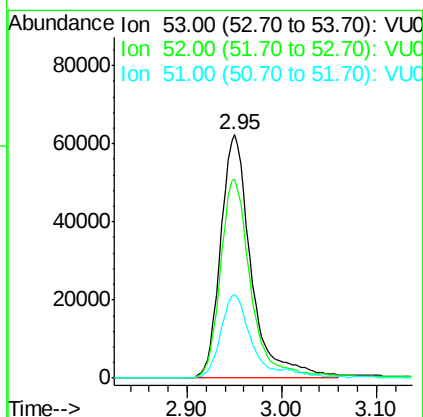
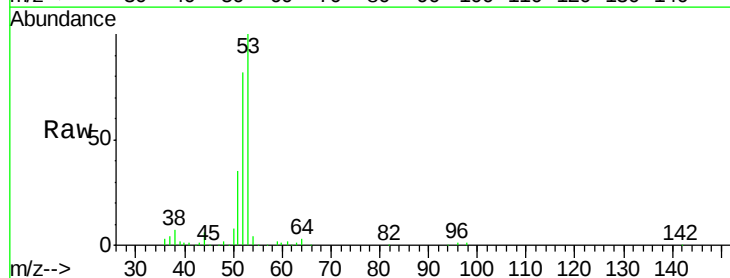
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

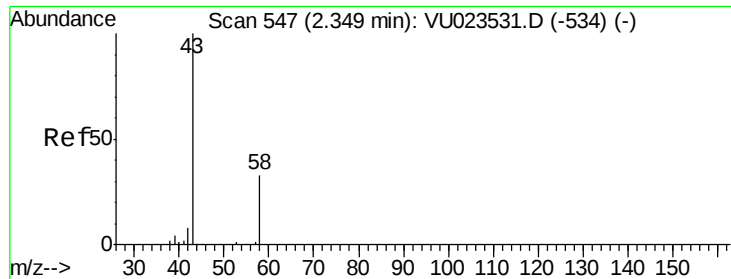
Tgt Ion: 41 Resp: 255560
 Ion Ratio Lower Upper
 41 100
 39 62.1 51.4 77.2



#12
 Acrylonitrile
 Concen: 53.44 ug/l
 RT: 2.95 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion: 53 Resp: 140323
 Ion Ratio Lower Upper
 53 100
 52 80.2 65.1 97.7
 51 32.7 30.2 45.4





#13

Acetone

Concen: 73.58 ug/l

RT: 2.34 min Scan# 545

Delta R.T. -0.01 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampled :

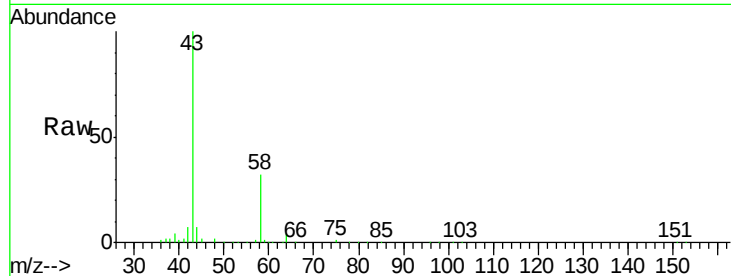
BFB

Tgt Ion: 43 Resp: 163980

Ion Ratio Lower Upper

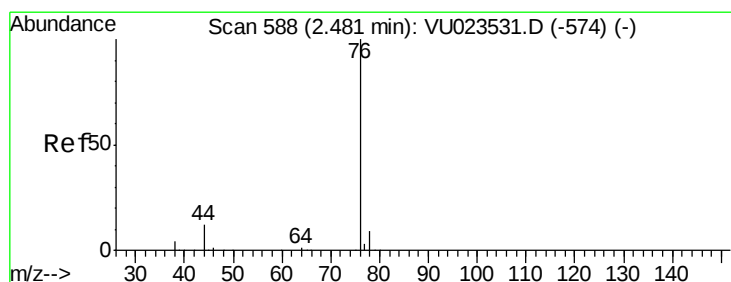
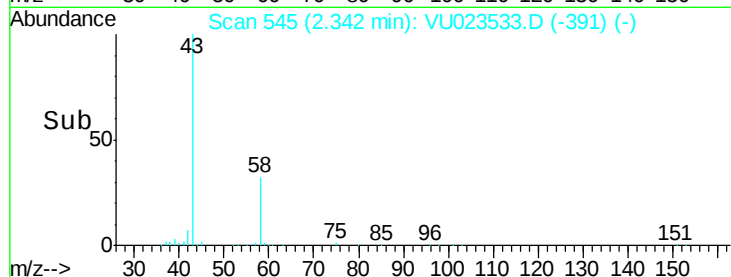
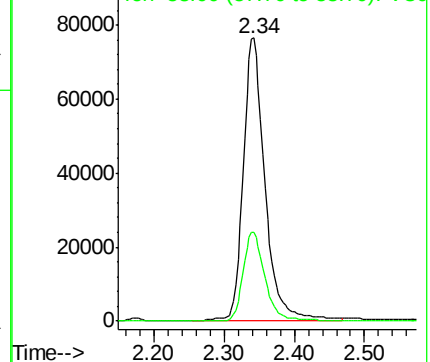
43 100

58 31.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 10.30 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023533.D

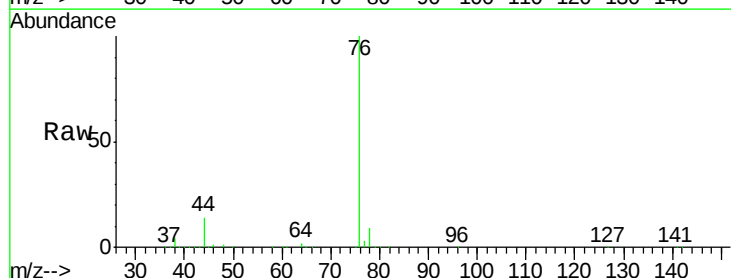
Acq: 30 Apr 2018 17:46

Tgt Ion: 76 Resp: 431317

Ion Ratio Lower Upper

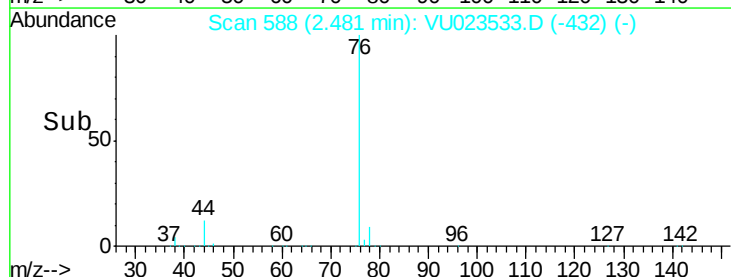
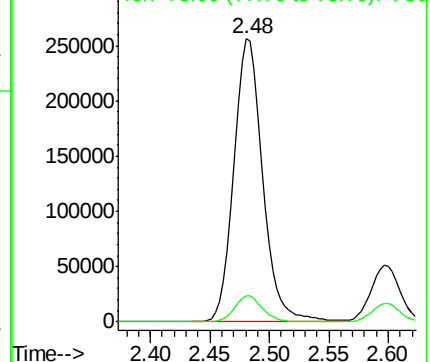
76 100

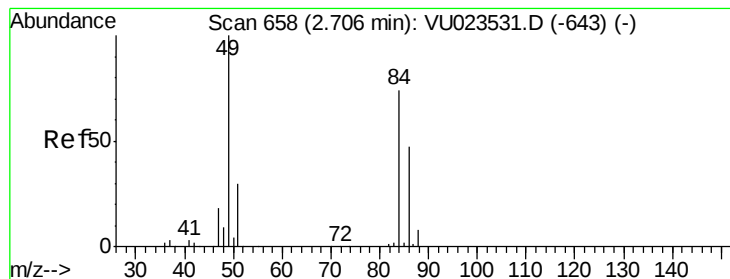
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

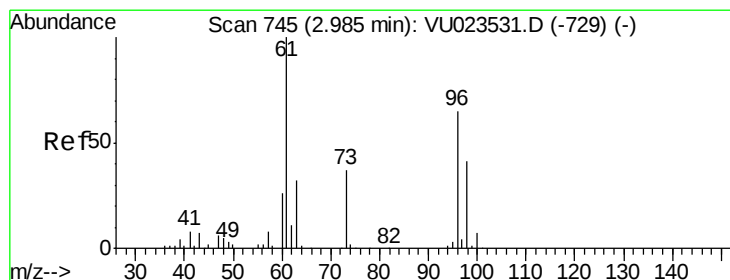
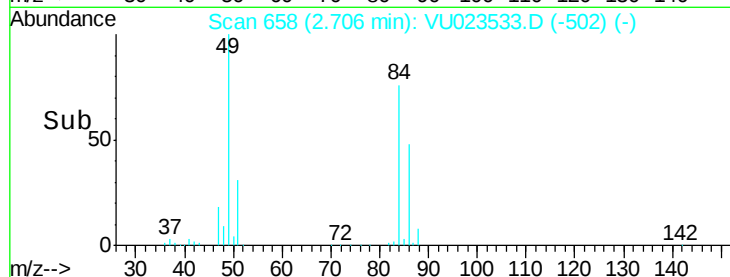
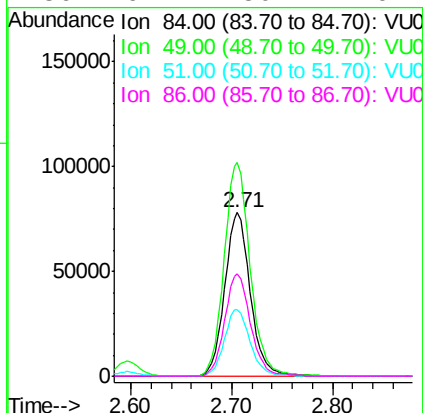
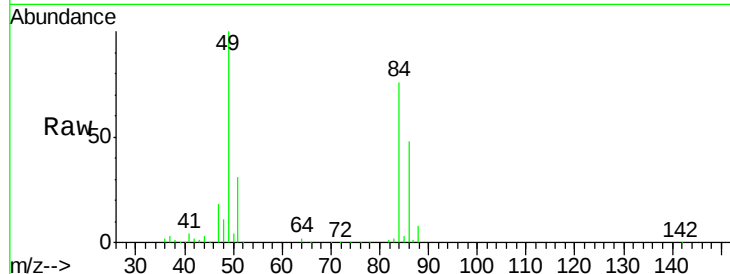




#15
Methylene Chloride
Concen: 9.56 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

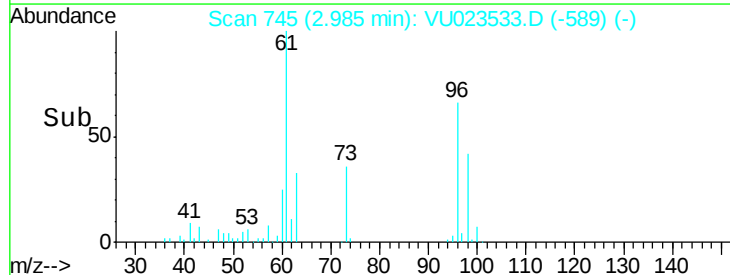
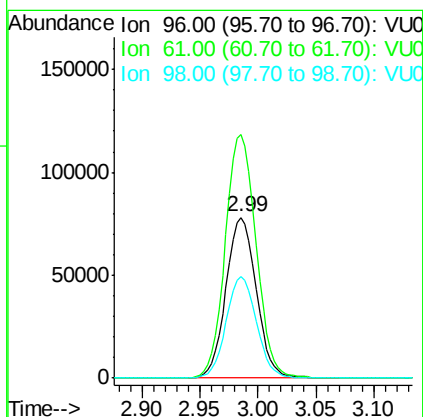
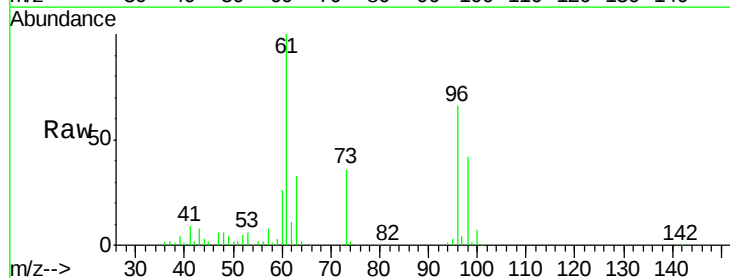
Instrument :
MSVOA_U
ClientSampleId :
BFB

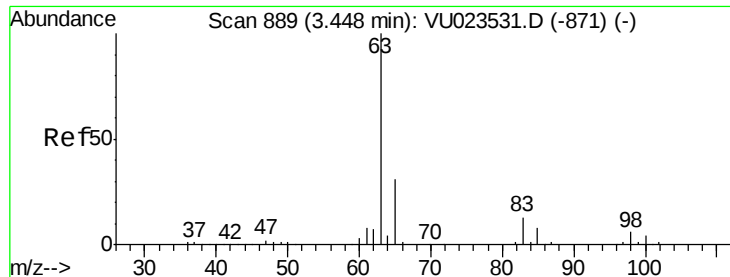
Tgt Ion: 84 Resp: 138489
Ion Ratio Lower Upper
84 100
49 130.8 108.7 163.1
51 41.1 0.0 82.4
86 62.7 50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 10.40 ug/l
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion: 96 Resp: 141749
Ion Ratio Lower Upper
96 100
61 151.5 123.9 185.9
98 63.0 50.6 76.0

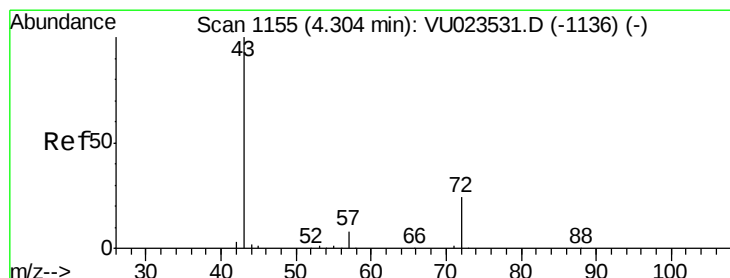
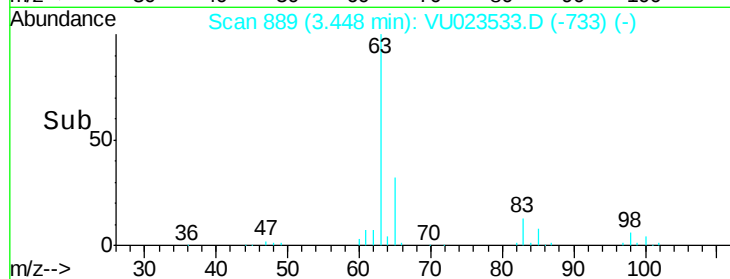
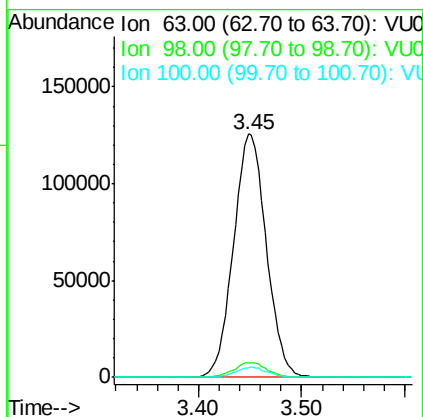
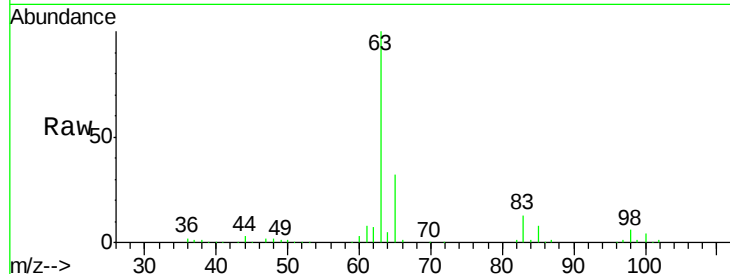




#17
 1,1-Dichloroethane
 Concen: 10.35 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

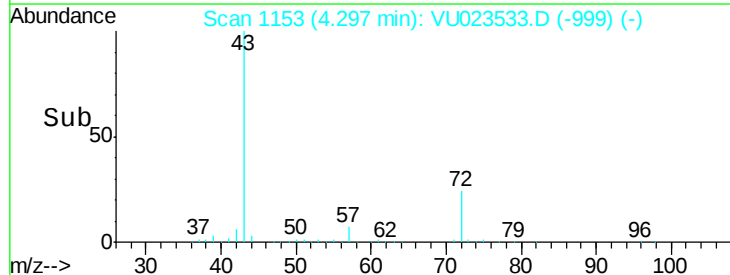
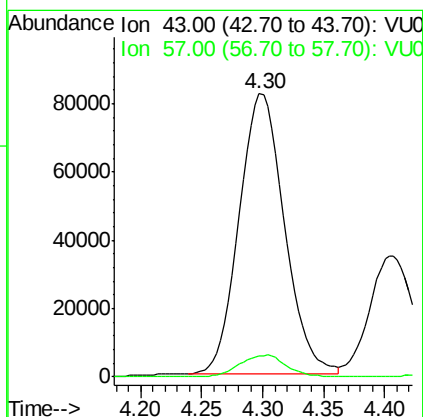
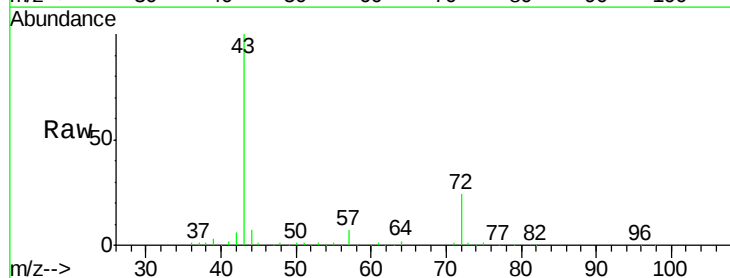
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

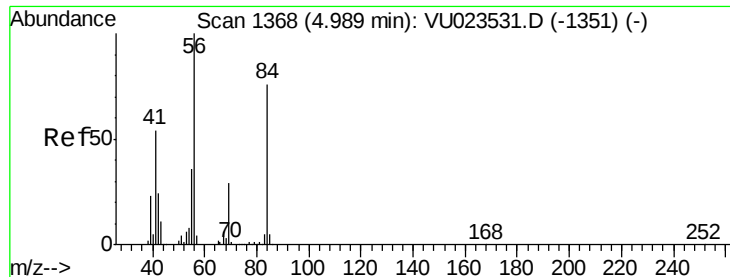
Tgt Ion: 63 Resp: 277939
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.8
 100 4.0 2.0 5.8



#18
 2-Butanone
 Concen: 58.84 ug/l
 RT: 4.30 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion: 43 Resp: 211887
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 15.8

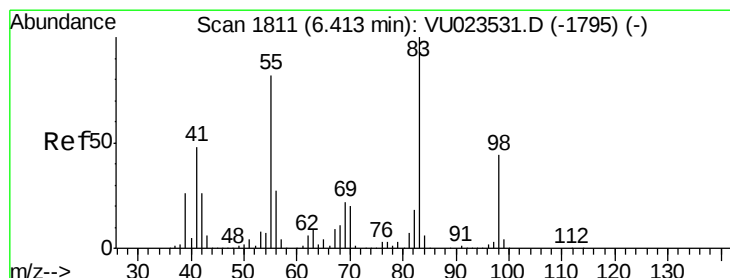
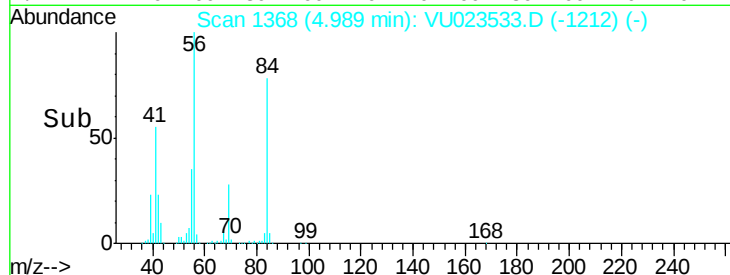
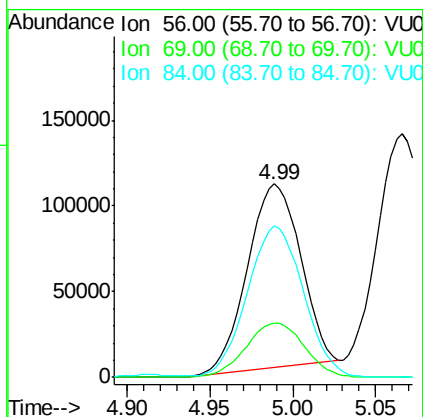
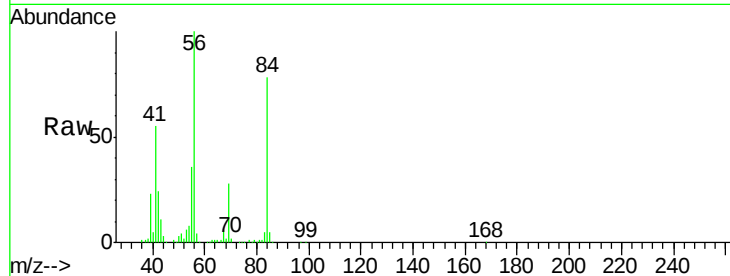




#19
Cyclohexane
Concen: 10.28 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

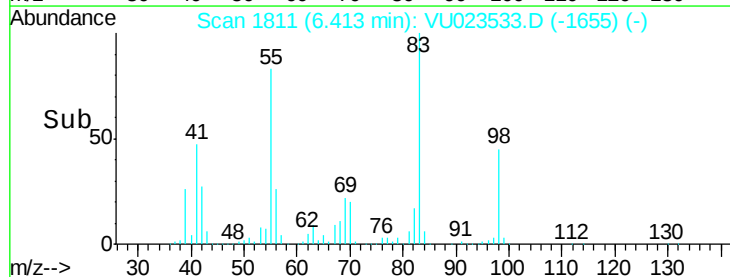
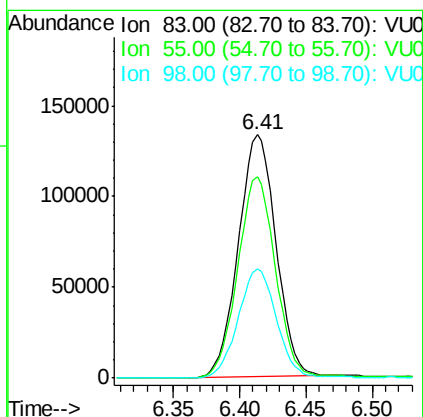
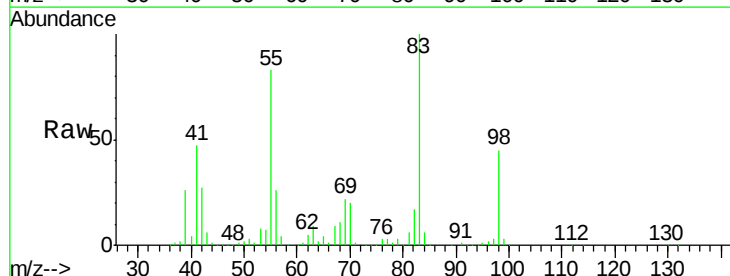
Instrument :
MSVOA_U
ClientSampleId :
BFB

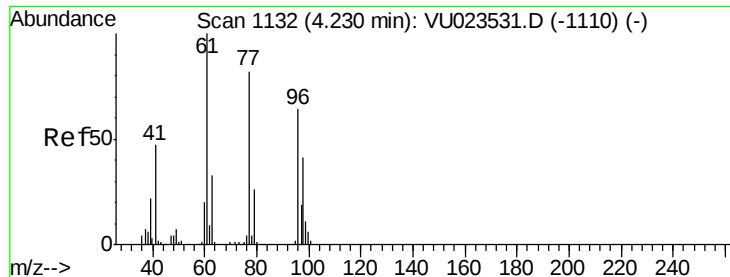
Tgt Ion: 56 Resp: 238568
Ion Ratio Lower Upper
56 100
69 32.8 26.0 39.0
84 86.2 68.3 102.5



#20
Methylcyclohexane
Concen: 11.14 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion: 83 Resp: 263689
Ion Ratio Lower Upper
83 100
55 82.4 66.4 99.6
98 45.2 35.4 53.2





#21

2,2-Dichloropropane

Concen: 10.49 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampled :

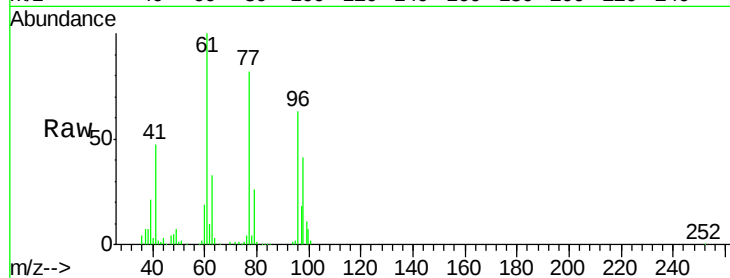
BFB

Tgt Ion: 77 Resp: 223335

Ion Ratio Lower Upper

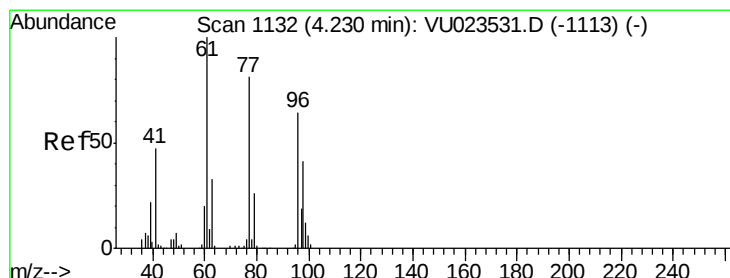
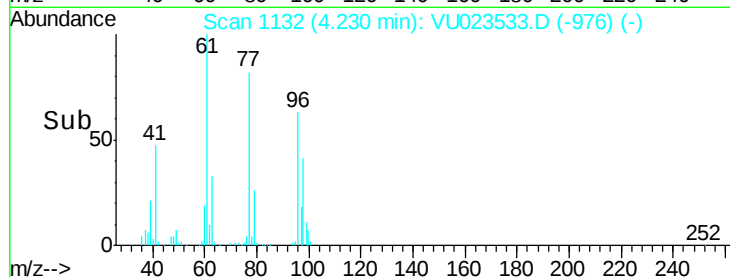
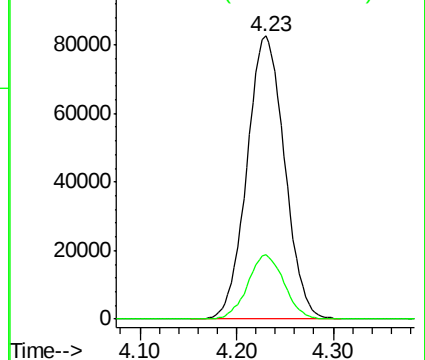
77 100

97 22.0 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 10.43 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

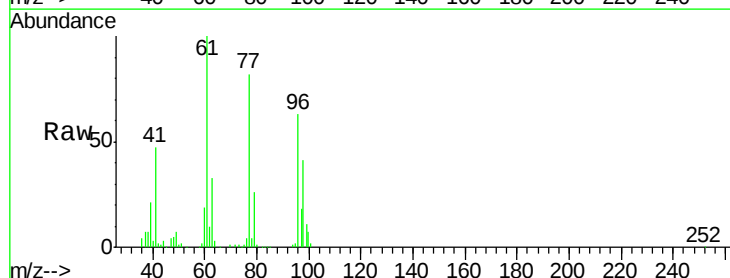
Tgt Ion: 96 Resp: 153849

Ion Ratio Lower Upper

96 100

61 161.7 0.0 400.5

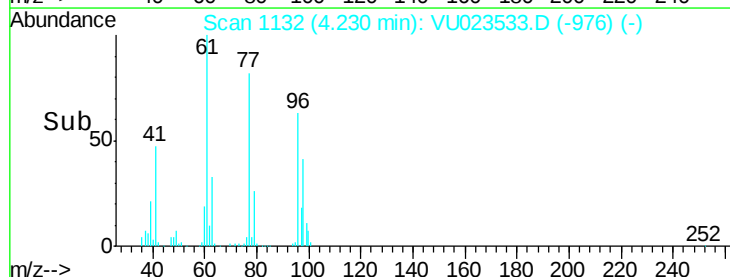
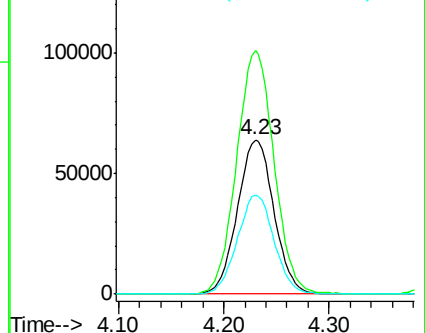
98 64.6 32.2 96.6

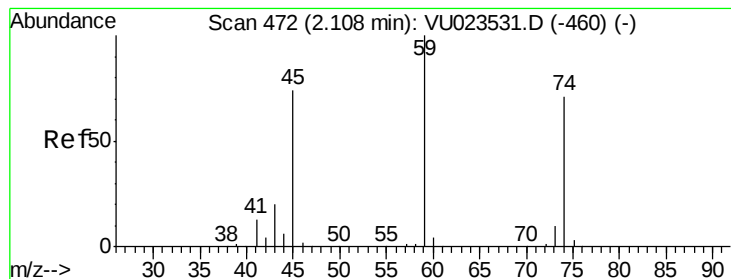


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 10.32 ug/l

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

BFB

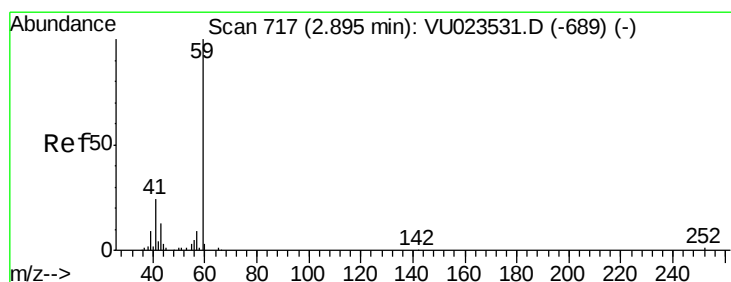
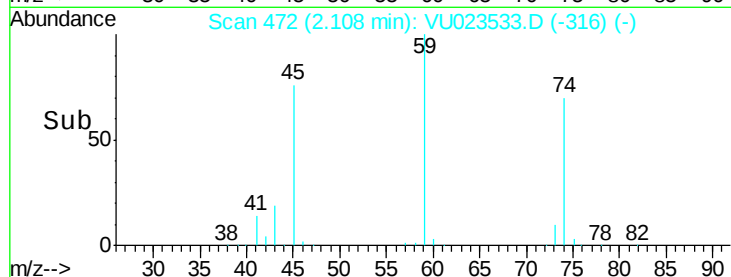
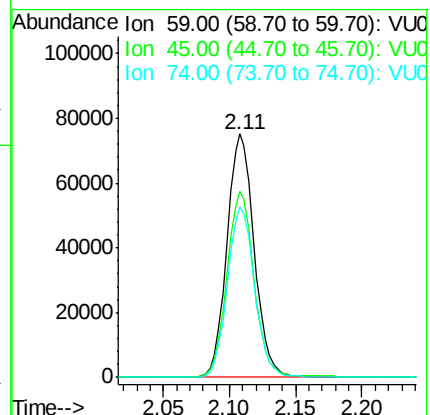
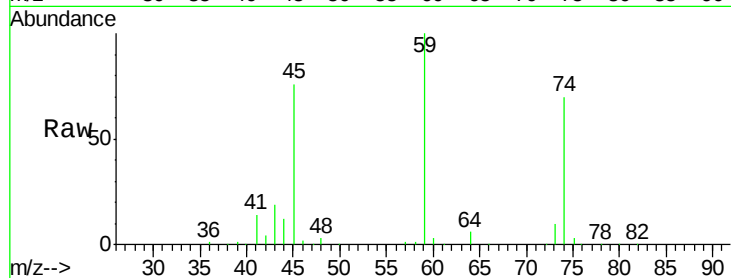
Tgt Ion: 59 Resp: 107312

Ion Ratio Lower Upper

59 100

45 76.1 60.0 90.0

74 69.7 56.5 84.7



#24

tert-Butyl Alcohol

Concen: 55.67 ug/l

RT: 2.88 min Scan# 711

Delta R.T. -0.02 min

Lab File: VU023533.D

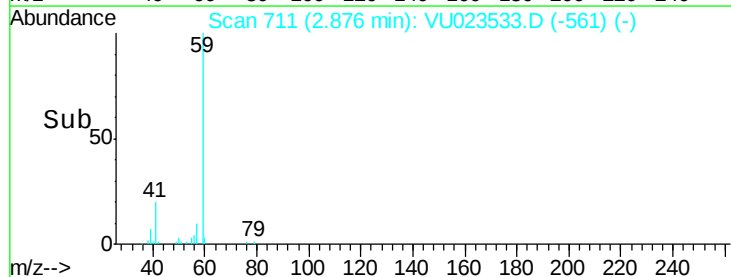
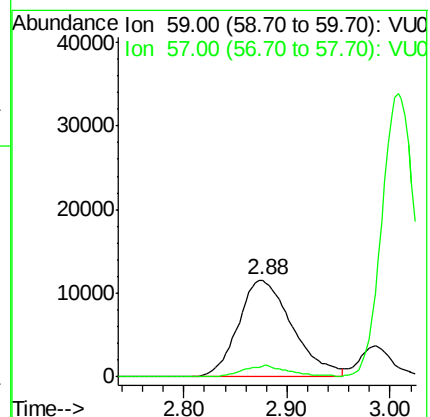
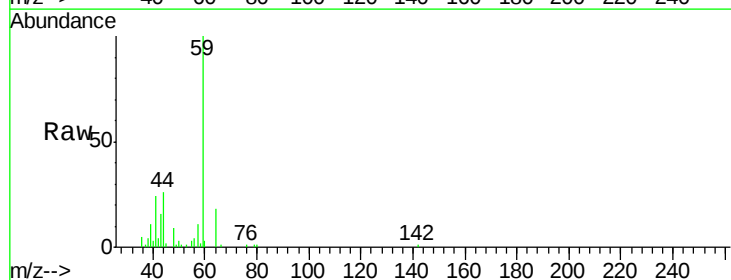
Acq: 30 Apr 2018 17:46

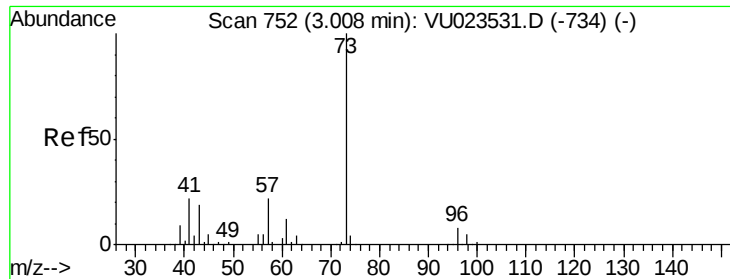
Tgt Ion: 59 Resp: 42156

Ion Ratio Lower Upper

59 100

57 10.3 3.4 5.2#



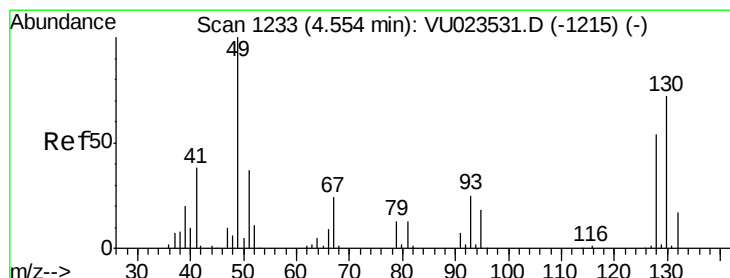
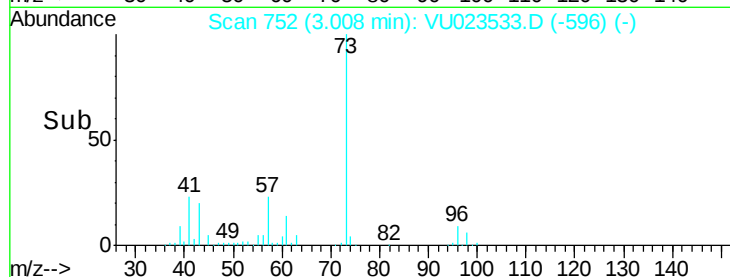
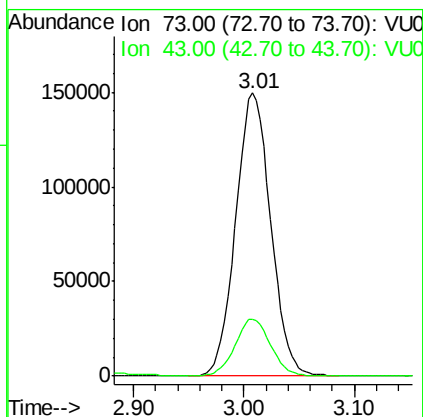
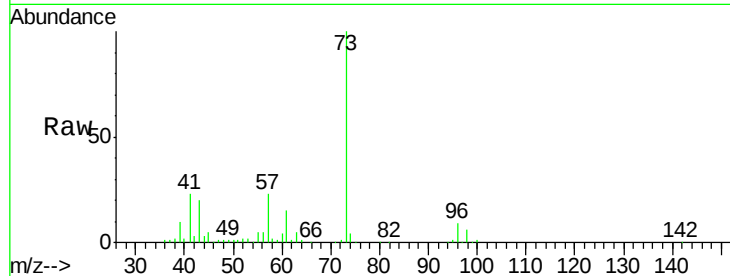


#25

Methyl tert-Butyl Ether
Concen: 10.30 ug/l
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFB

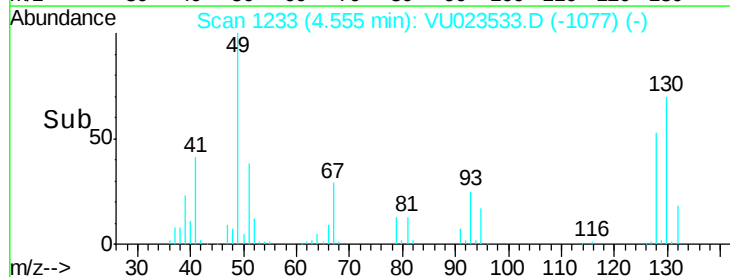
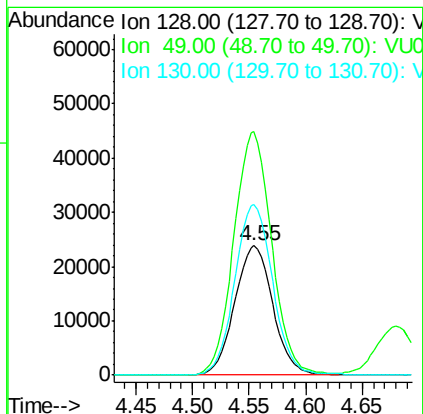
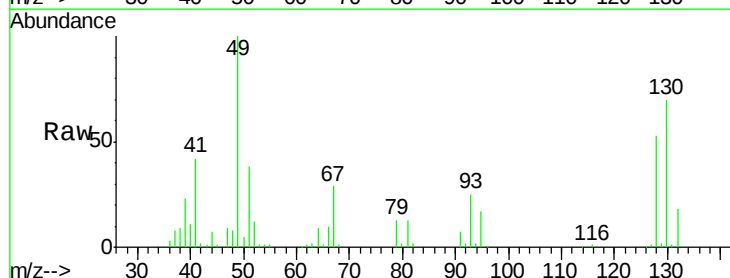
Tgt Ion: 73 Resp: 329405
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2

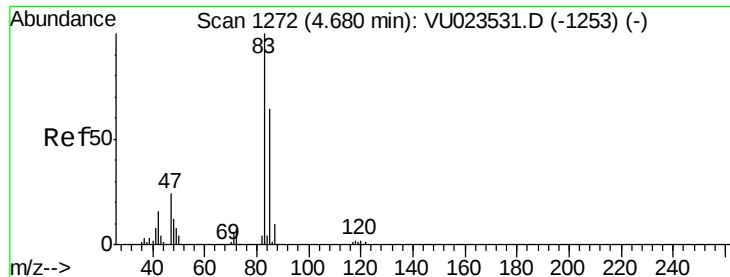


#26

Bromochloromethane
Concen: 9.62 ug/l
RT: 4.55 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion: 128 Resp: 56052
Ion Ratio Lower Upper
128 100
49 186.4 0.0 375.2
130 131.1 105.8 158.6

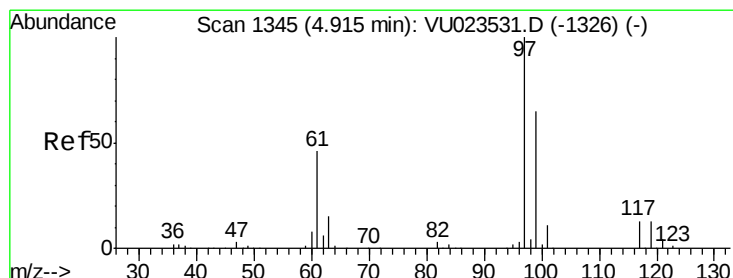
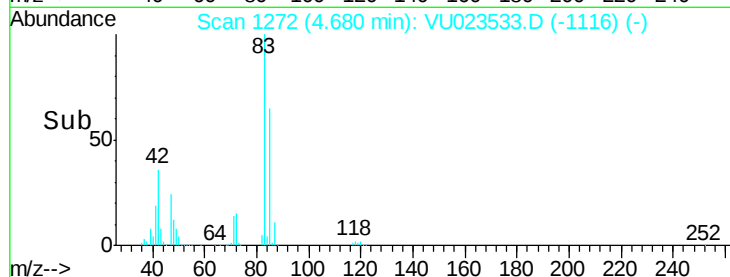
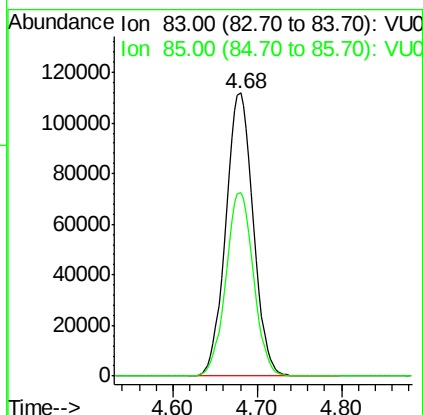
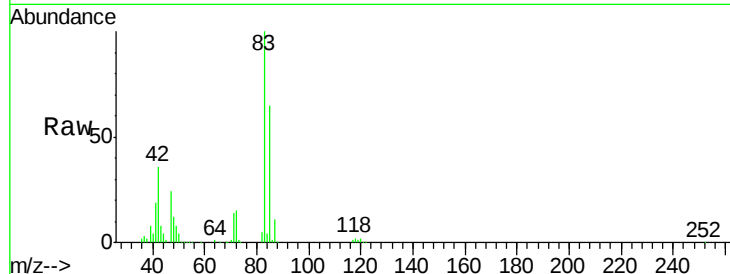




#27
Chloroform
Concen: 10.01 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

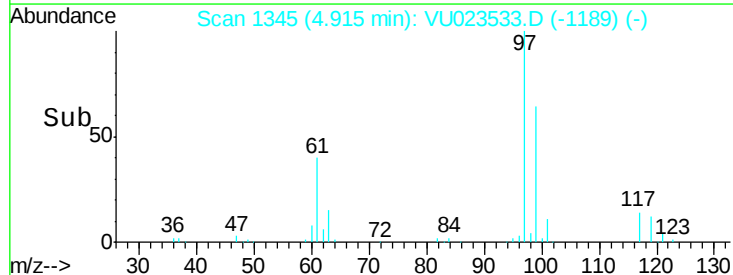
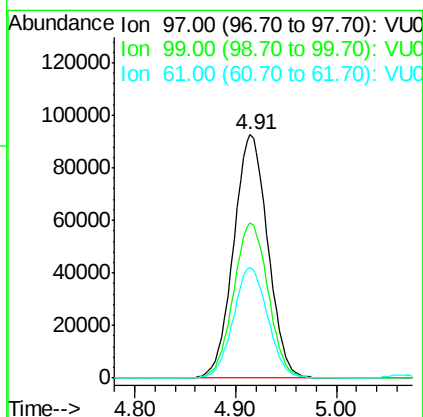
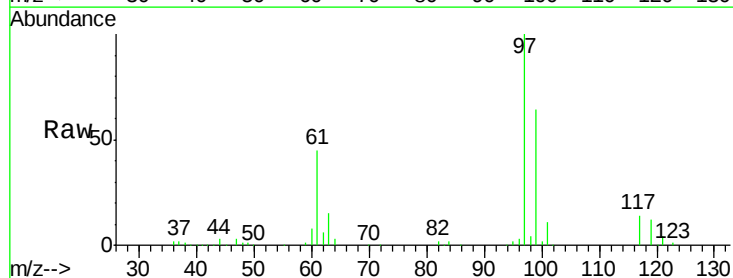
Instrument :
MSVOA_U
ClientSampled :
BFB

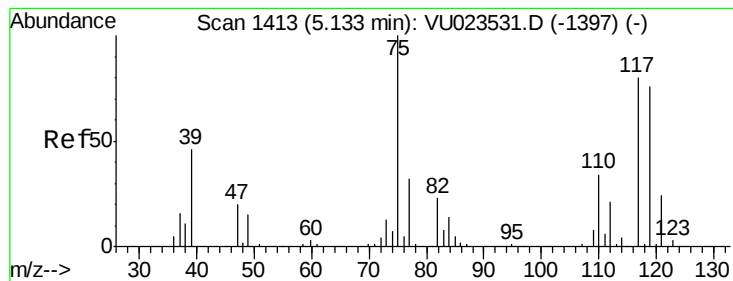
Tgt Ion: 83 Resp: 253047
Ion Ratio Lower Upper
83 100
85 64.9 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 10.50 ug/l
RT: 4.91 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion: 97 Resp: 217914
Ion Ratio Lower Upper
97 100
99 64.5 32.3 96.9
61 45.7 23.2 69.5





#29

1,1-Dichloropropene

Concen: 10.23 ug/l

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampled :

BFB

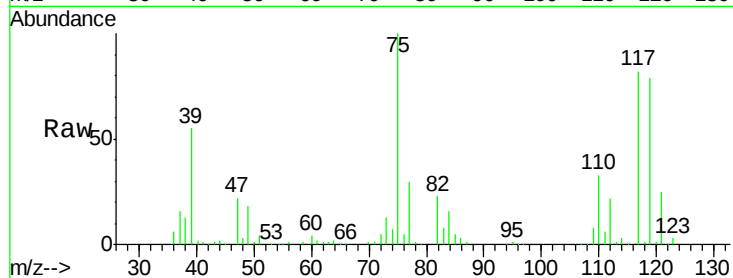
Tgt Ion: 75 Resp: 208332

Ion Ratio Lower Upper

75 100

110 33.5 16.9 50.7

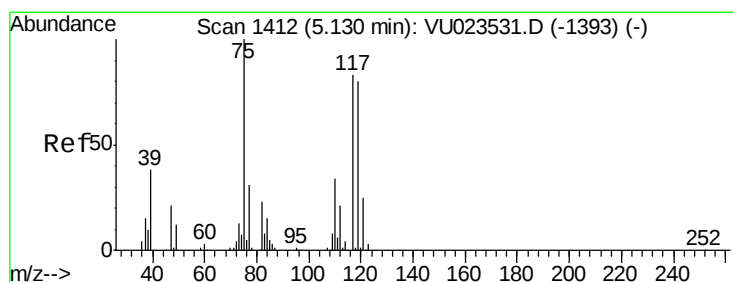
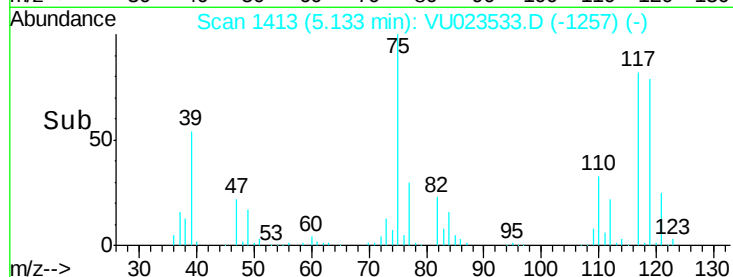
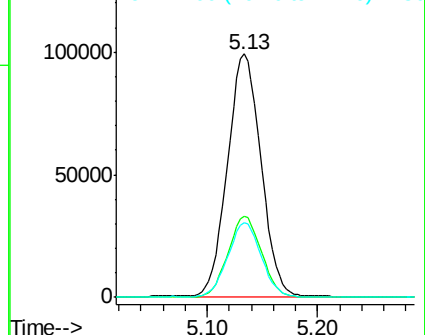
77 30.3 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU0



#30

Carbon Tetrachloride

Concen: 10.67 ug/l

RT: 5.13 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

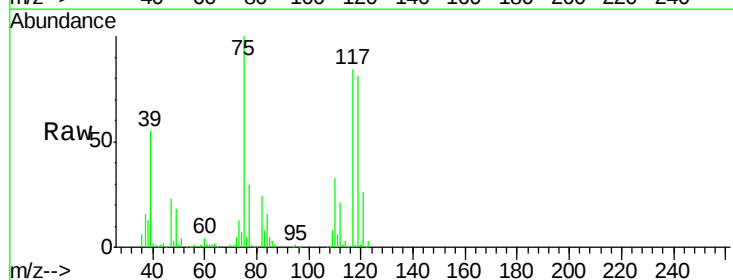
Tgt Ion: 117 Resp: 186298

Ion Ratio Lower Upper

117 100

119 96.6 77.3 115.9

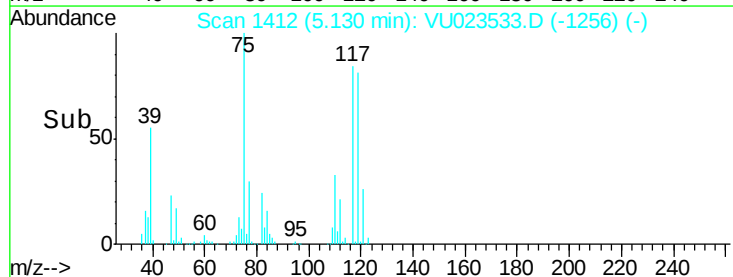
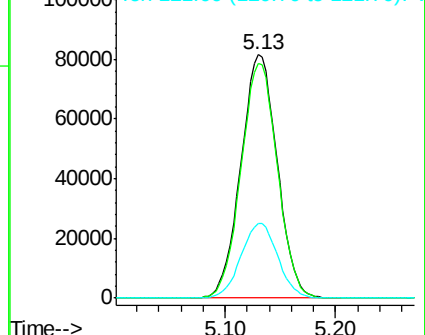
121 30.4 24.5 36.7

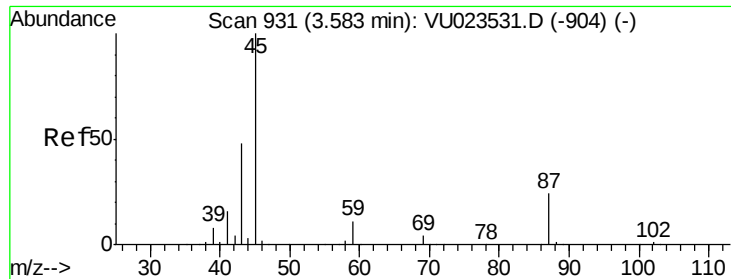


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#31

Isopropyl Ether

Concen: 10.40 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

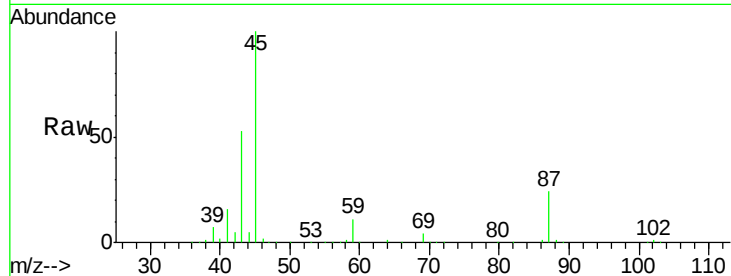
BFB

Tgt Ion: 45 Resp: 471276

Ion Ratio Lower Upper

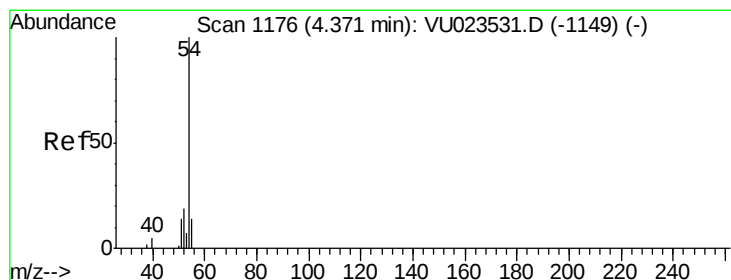
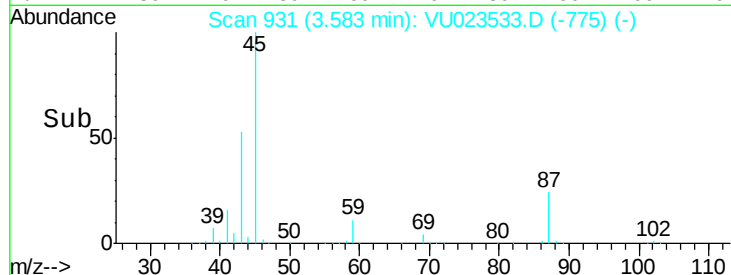
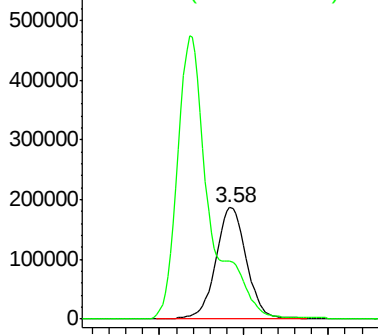
45 100

43 231.3 24.0 72.0#



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#34

Propionitrile

Concen: 100.87 ug/l

RT: 4.36 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Tgt Ion: 54 Resp: 103432

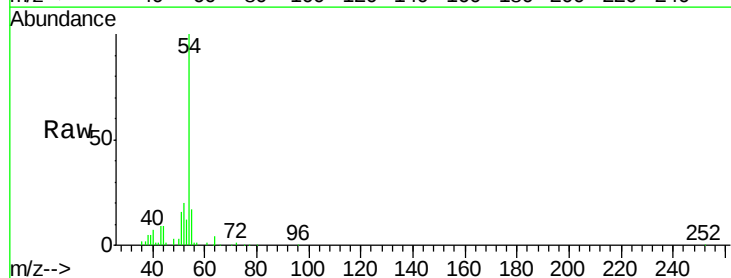
Ion Ratio Lower Upper

54 100

52 20.3 13.7 20.5

55 15.3 10.2 15.2#

40 5.1 3.5 5.3

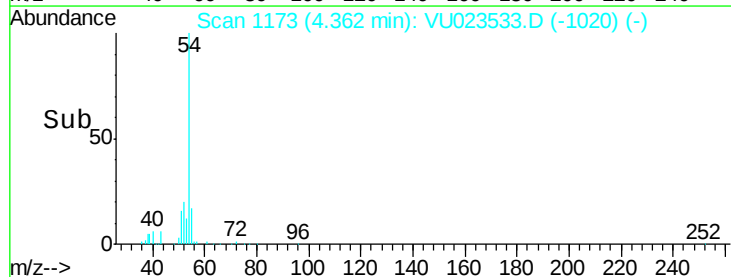
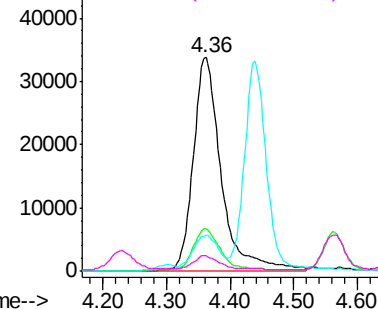


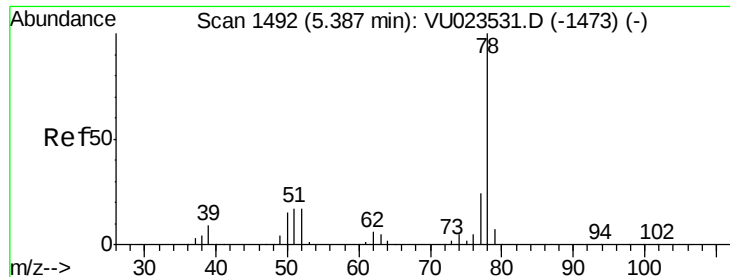
Abundance Ion 54.00 (53.70 to 54.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 10.77 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

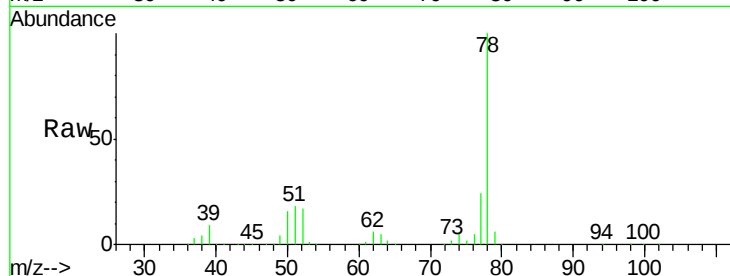
BFB

Tgt Ion: 78 Resp: 651281

Ion Ratio Lower Upper

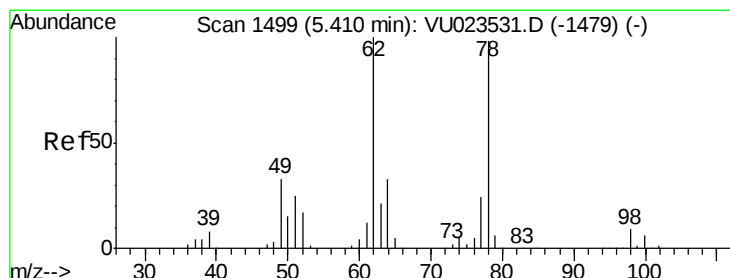
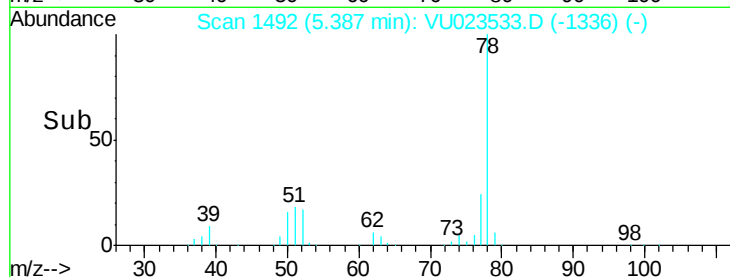
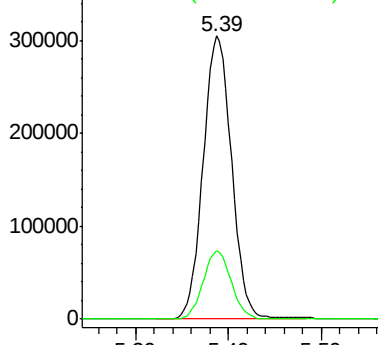
78 100

77 24.1 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 10.27 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU023533.D

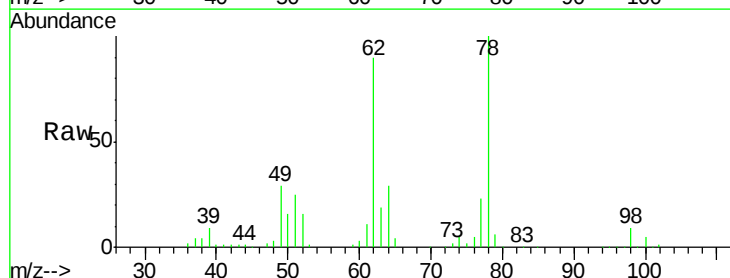
Acq: 30 Apr 2018 17:46

Tgt Ion: 62 Resp: 175742

Ion Ratio Lower Upper

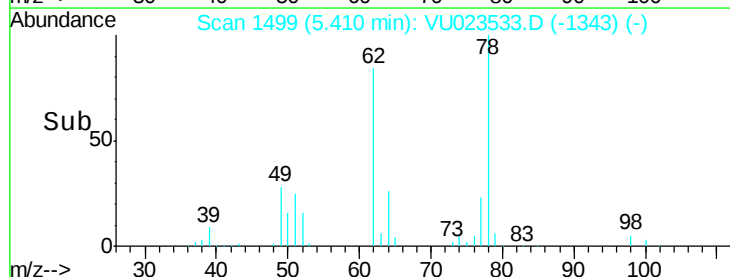
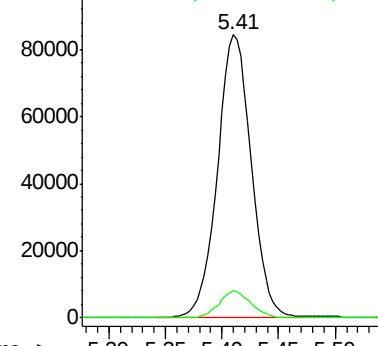
62 100

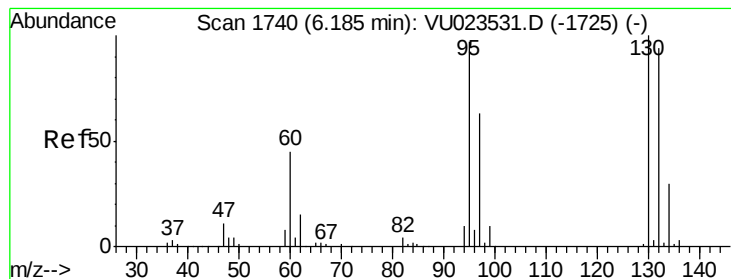
98 8.9 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 10.34 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

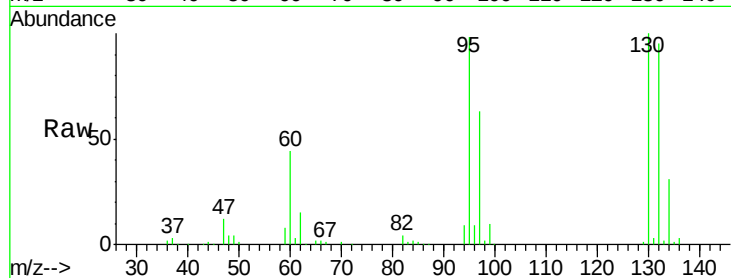
BFB

Tgt Ion:130 Resp: 167953

Ion Ratio Lower Upper

130 100

95 98.1 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

80000

60000

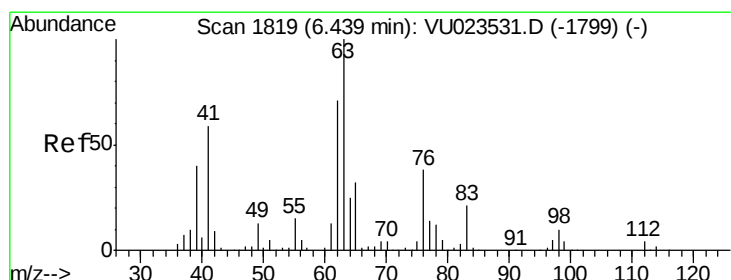
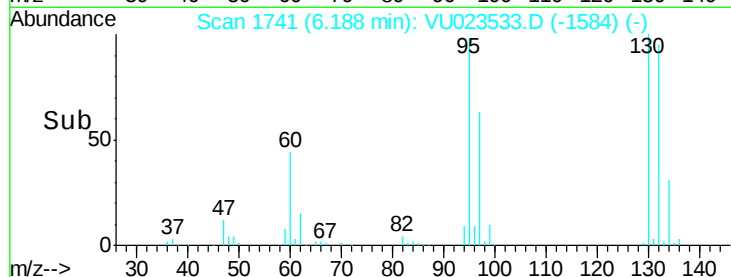
40000

20000

0

6.10 6.15 6.20 6.25

Time-->



#38

1,2-Dichloropropane

Concen: 10.48 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU023533.D

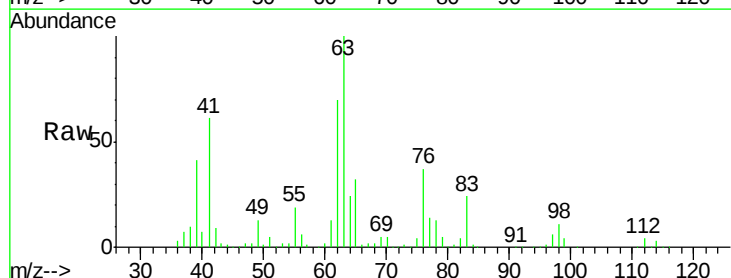
Acq: 30 Apr 2018 17:46

Tgt Ion: 63 Resp: 173952

Ion Ratio Lower Upper

63 100

65 31.8 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

6.44

80000

60000

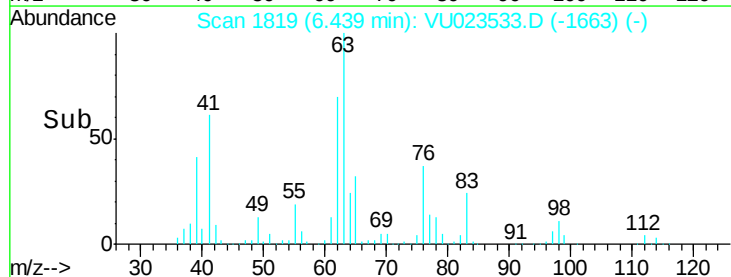
40000

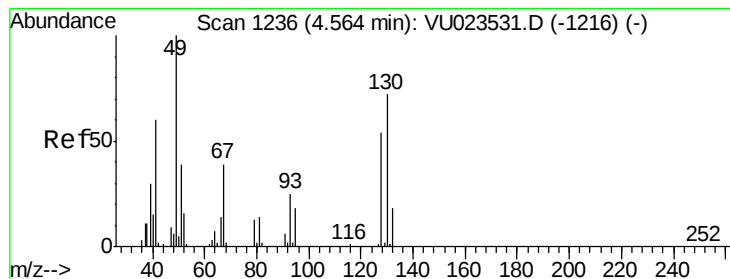
20000

0

6.40 6.50

Time-->





#39

Methacrylonitrile

Concen: 9.90 ug/l

RT: 4.56 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 51913

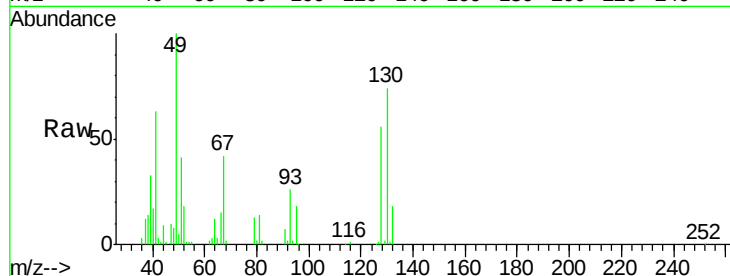
Ion Ratio Lower Upper

41 100

67 66.3 51.3 76.9

39 52.6 40.6 60.8

52 26.9 21.5 32.3

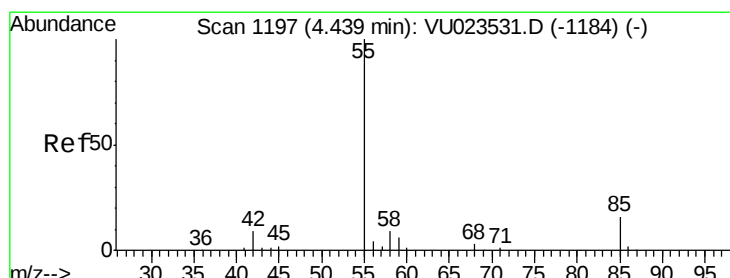
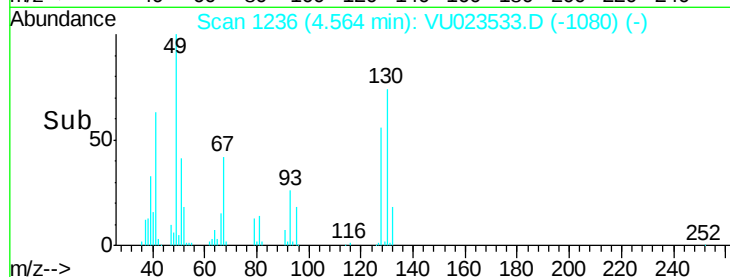
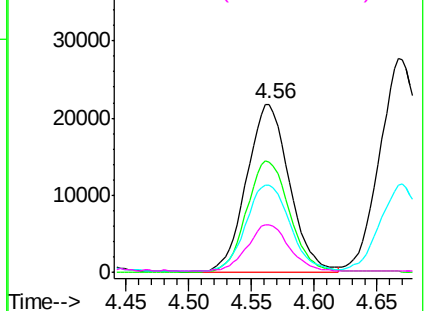


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 10.75 ug/l

RT: 4.44 min Scan# 1197

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Tgt Ion: 55 Resp: 78178

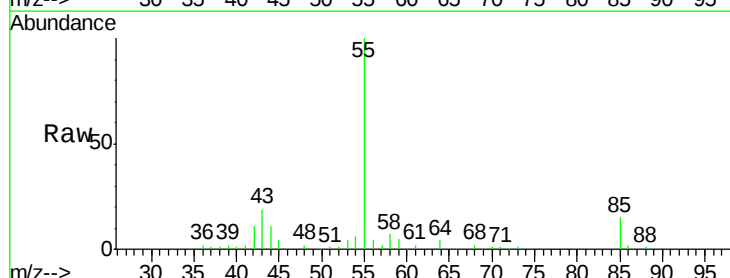
Ion Ratio Lower Upper

55 100

85 15.6 12.3 18.5

58 8.4 7.0 10.6

42 9.6 7.0 10.4

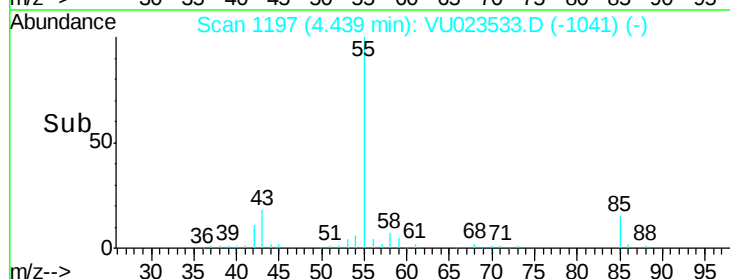
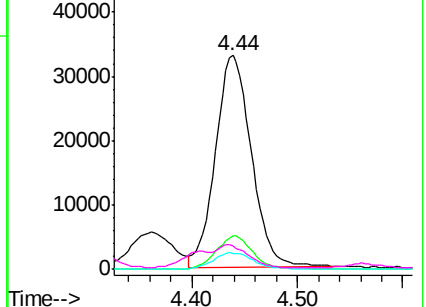


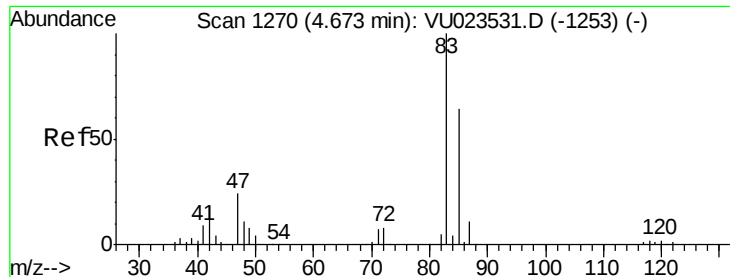
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

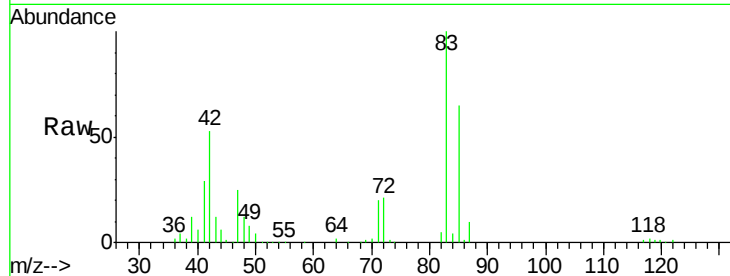




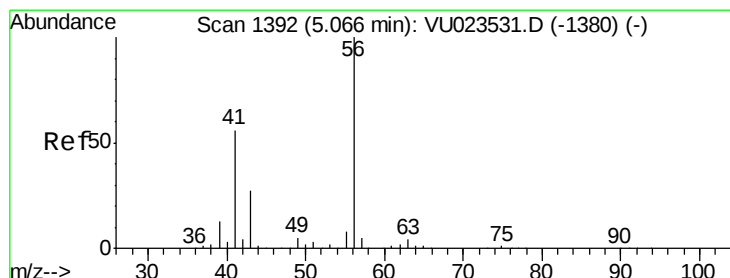
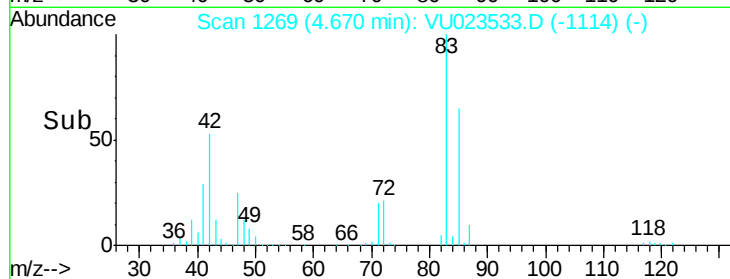
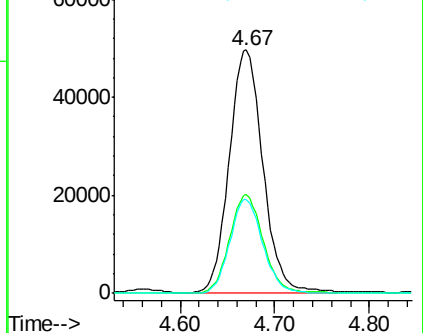
#41
Tetrahydrofuran
Concen: 45.29 ug/l
RT: 4.67 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 42 Resp: 122348
Ion Ratio Lower Upper
42 100
72 40.8 33.2 49.8
71 37.9 29.8 44.8

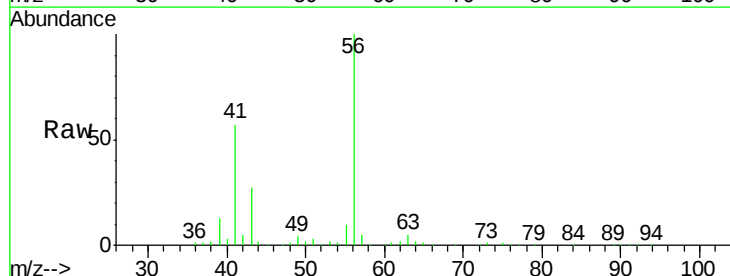


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

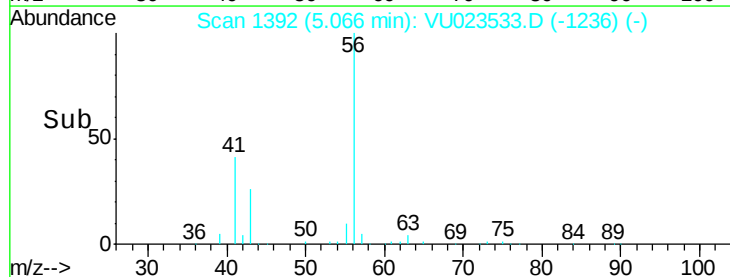
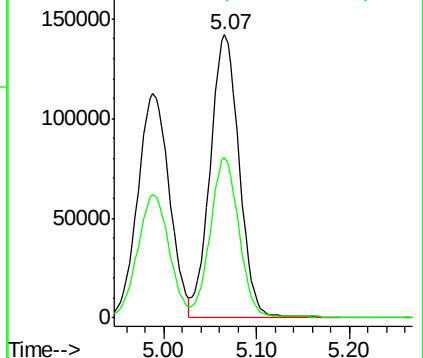


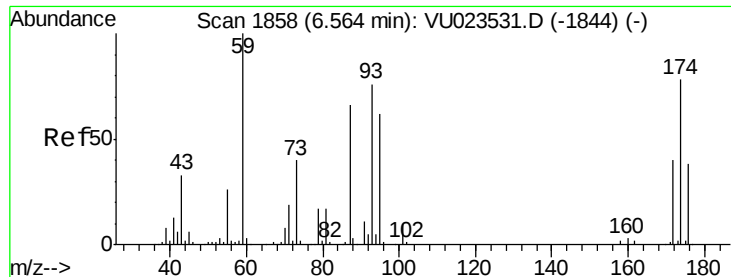
#42
1-Chlorobutane
Concen: 10.38 ug/l
RT: 5.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion: 56 Resp: 306241
Ion Ratio Lower Upper
56 100
41 55.8 27.5 82.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.54 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampled :

BFB

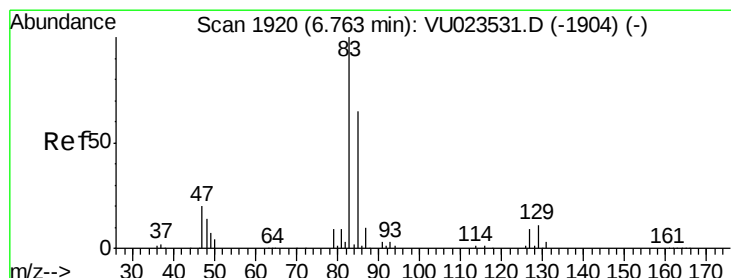
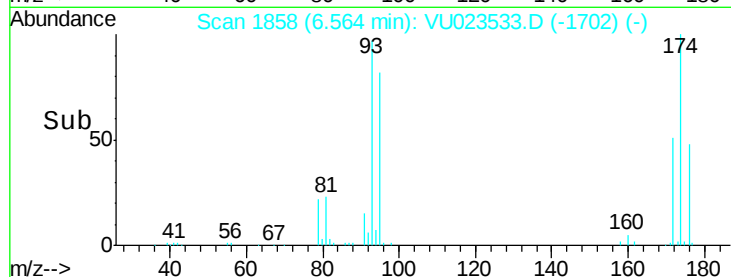
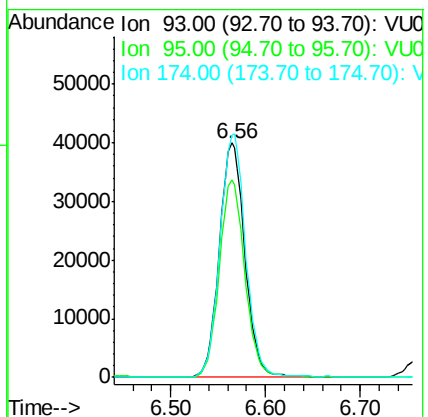
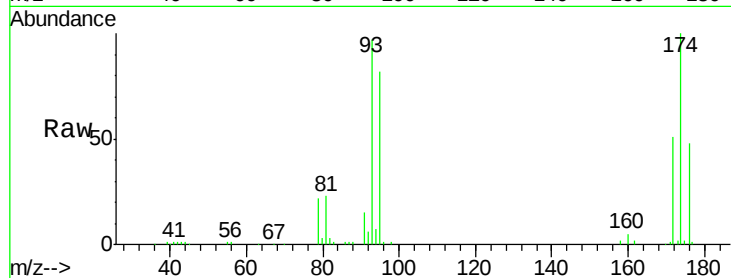
Tgt Ion: 93 Resp: 75193

Ion Ratio Lower Upper

93 100

95 84.2 67.2 100.8

174 104.0 82.8 124.2



#44

Bromodichloromethane

Concen: 10.69 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

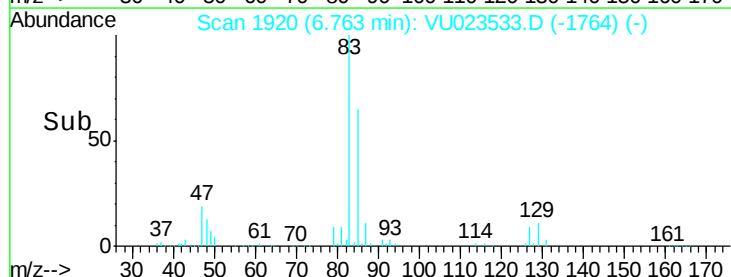
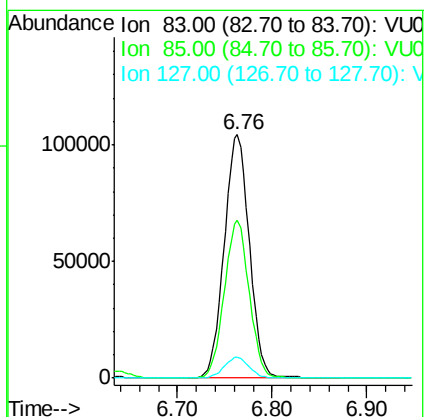
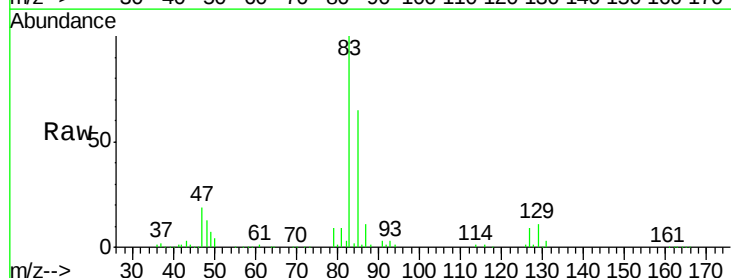
Tgt Ion: 83 Resp: 191699

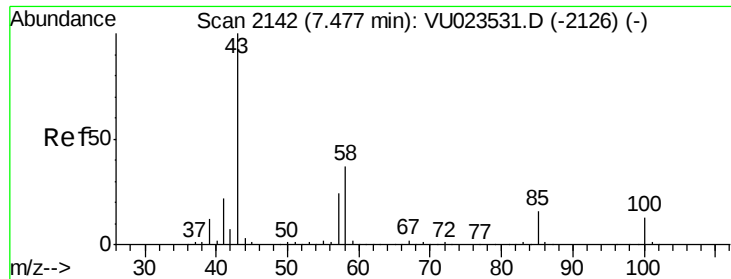
Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

127 8.6 7.0 10.4

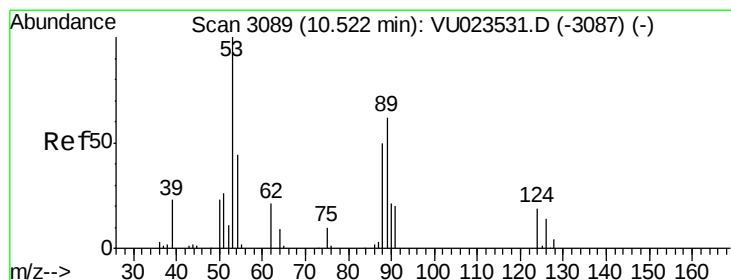
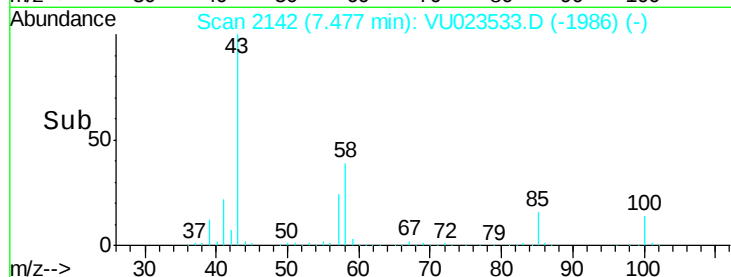
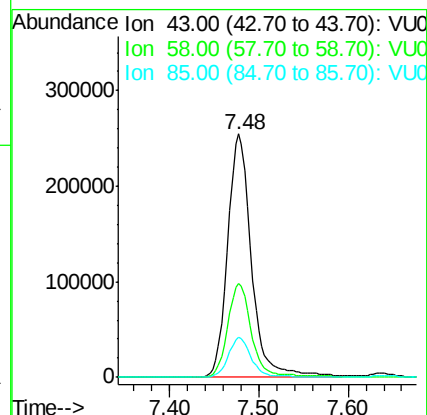
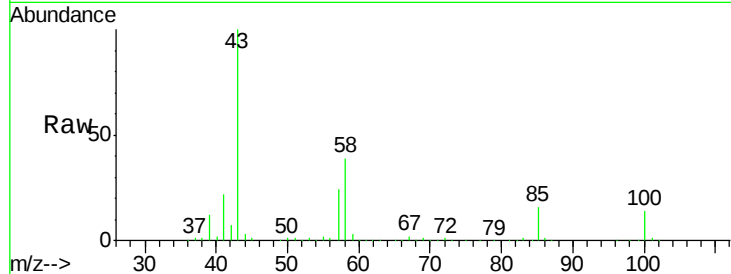




#45
 4-Methyl-2-Pentanone
 Concen: 56.15 ug/l
 RT: 7.48 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

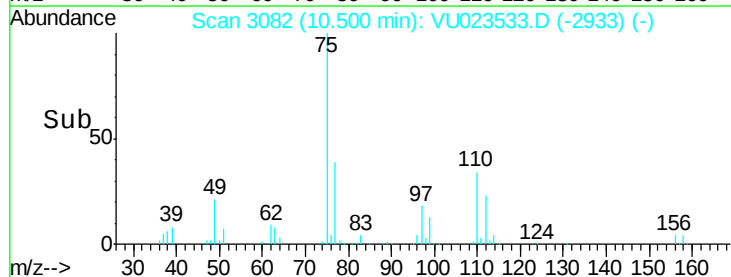
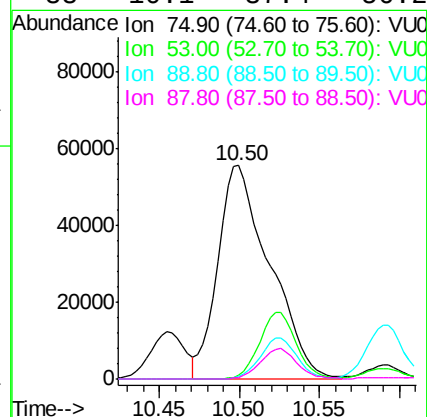
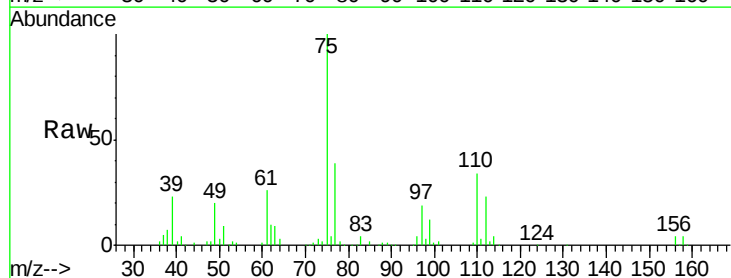
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

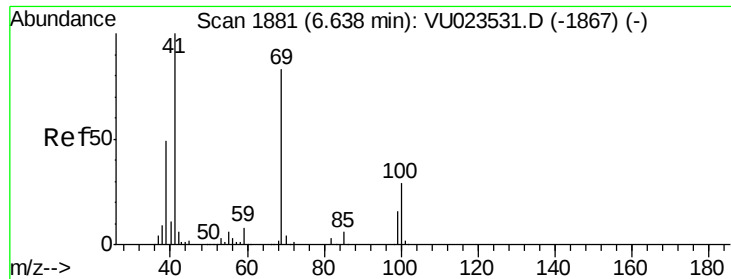
Tgt Ion: 43 Resp: 473574
 Ion Ratio Lower Upper
 43 100
 58 38.9 18.8 56.4
 85 16.0 12.6 19.0



#46
 t-1,4-Dichloro-2-butene
 Concen: 49.70 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion: 75 Resp: 123928
 Ion Ratio Lower Upper
 75 100
 53 22.2 82.2 123.4#
 89 13.6 51.3 76.9#
 88 10.1 37.4 56.2#





#47

Methyl methacrylate

Concen: 10.94 ug/l

RT: 6.64 min Scan# 1881

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

BFB

Tgt Ion: 69 Resp: 70768

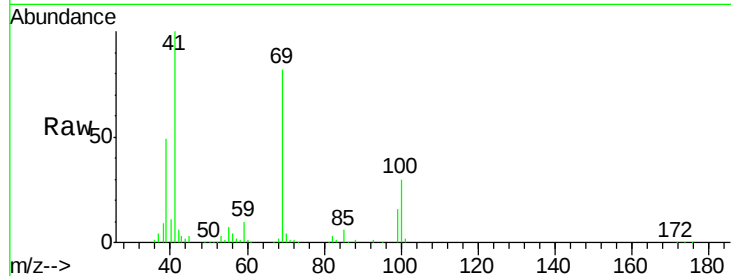
Ion Ratio Lower Upper

69 100

41 123.1 0.0 245.4

39 61.2 49.0 73.4

100 36.5 27.8 41.8

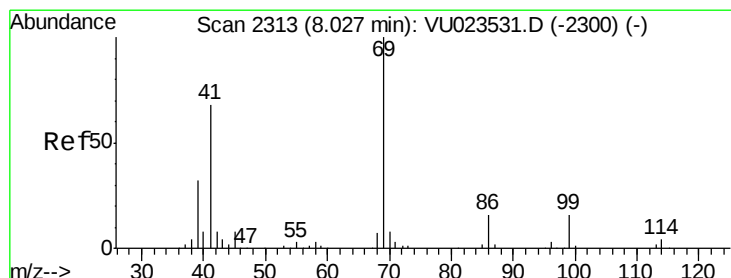
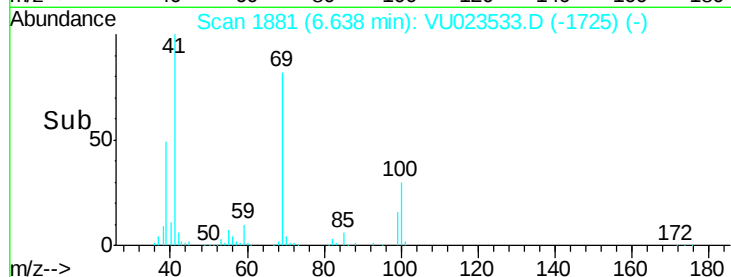
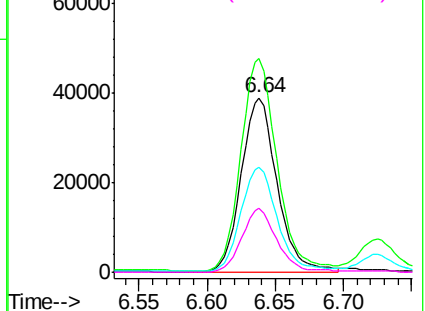


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 11.82 ug/l

RT: 8.03 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VU023533.D

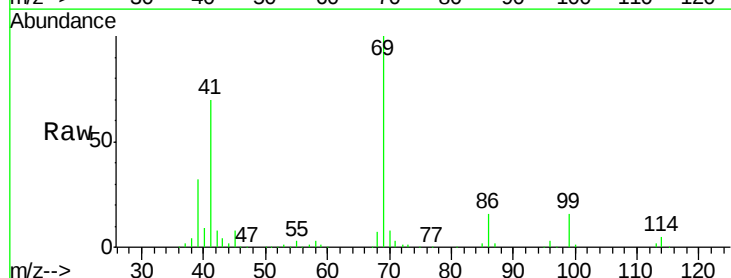
Acq: 30 Apr 2018 17:46

Tgt Ion: 69 Resp: 133683

Ion Ratio Lower Upper

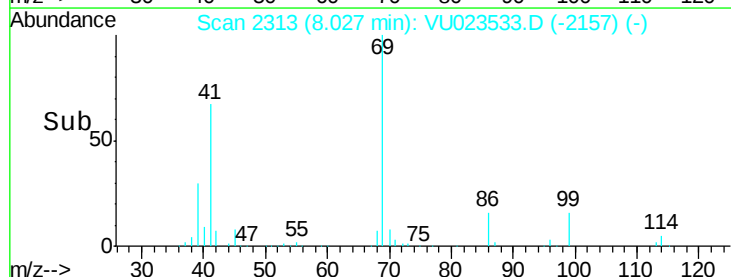
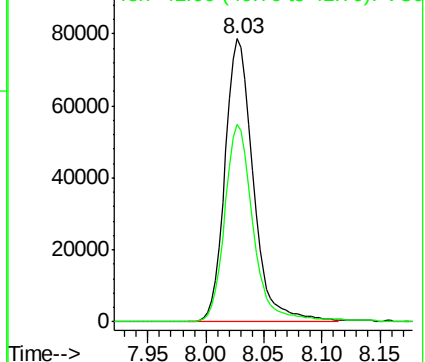
69 100

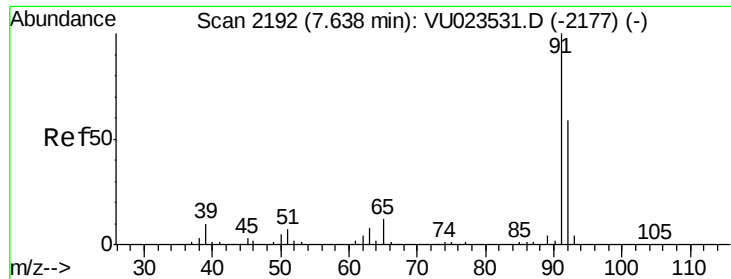
41 69.5 34.2 102.5



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 11.19 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

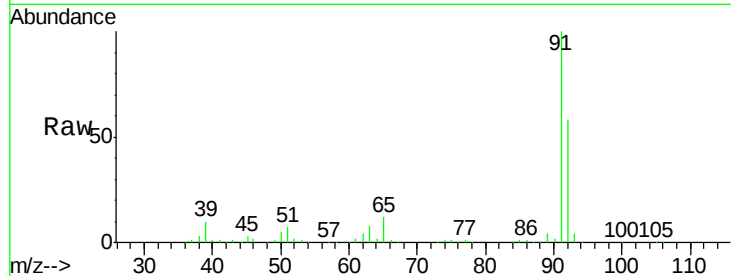
BFB

Tgt Ion: 92 Resp: 390922

Ion Ratio Lower Upper

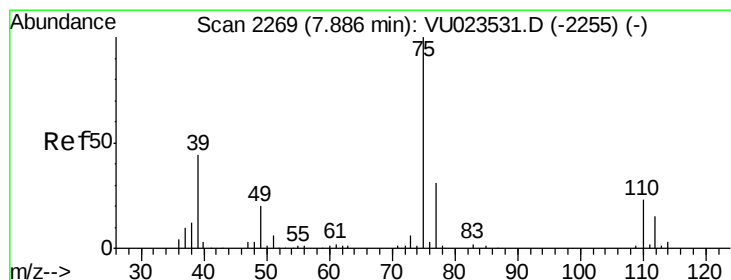
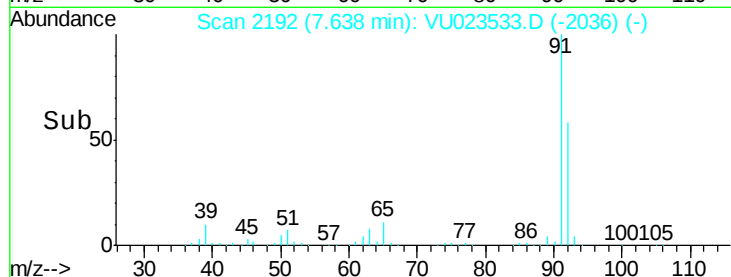
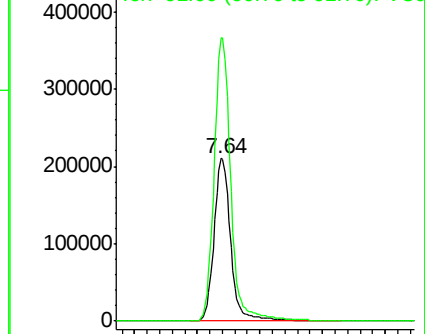
92 100

91 174.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 12.01 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023533.D

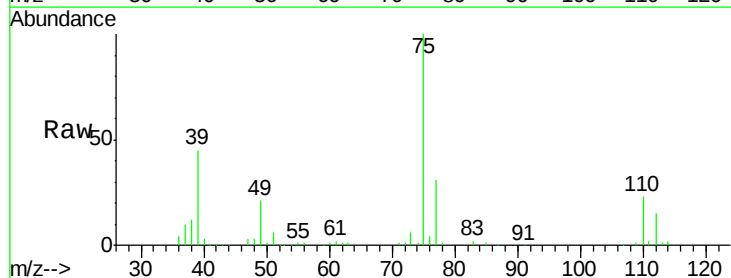
Acq: 30 Apr 2018 17:46

Tgt Ion: 75 Resp: 183805

Ion Ratio Lower Upper

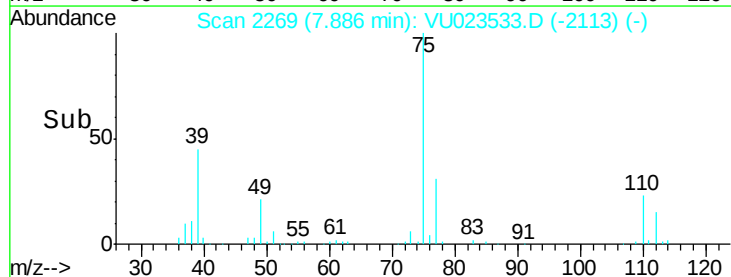
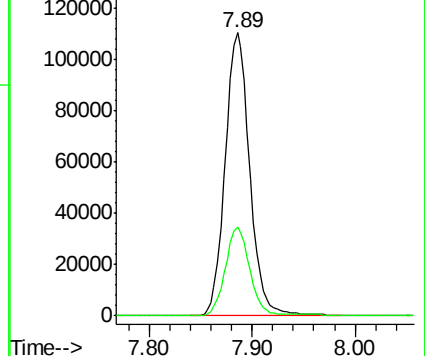
75 100

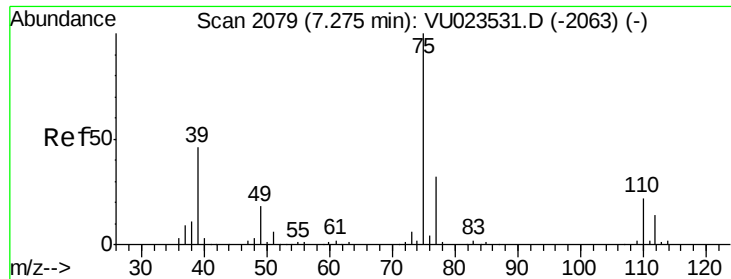
77 31.3 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



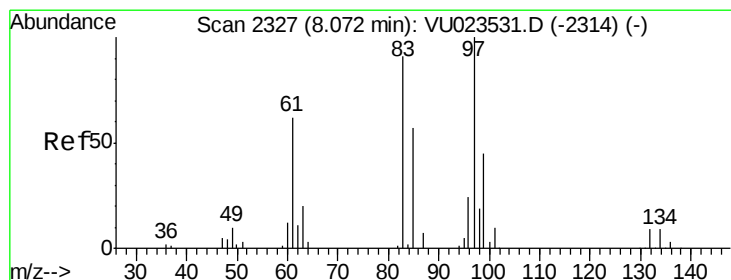
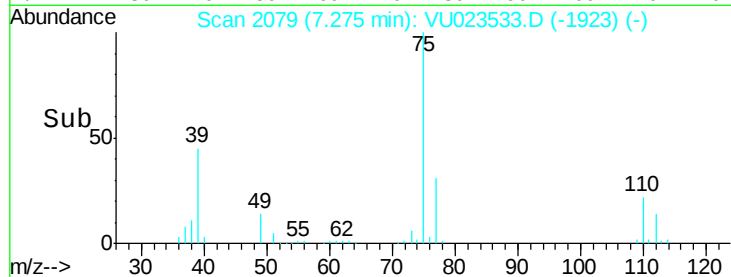
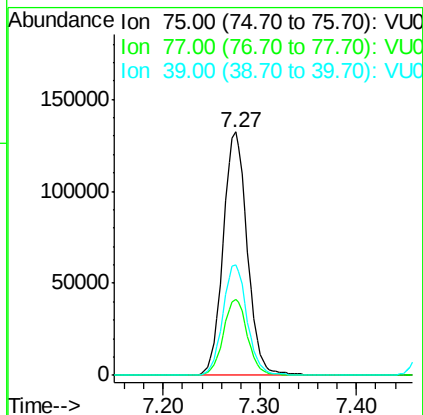
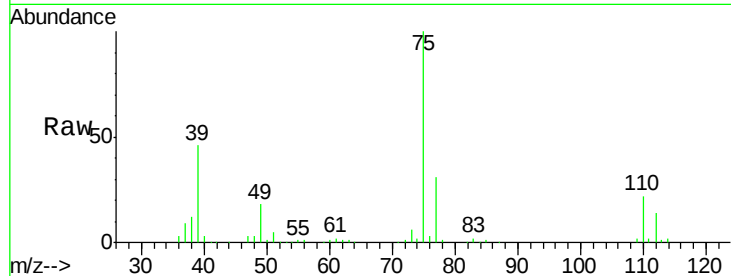


#51

cis-1,3-Dichloropropene
 Concen: 11.52 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

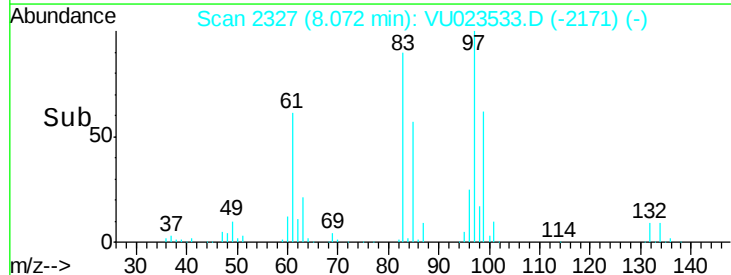
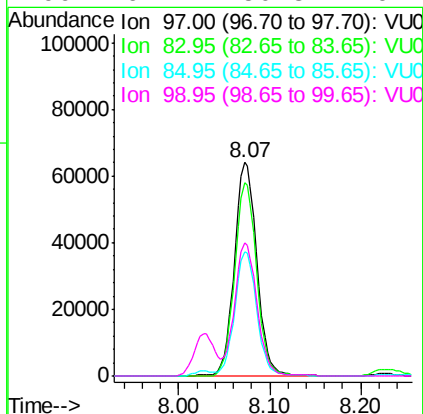
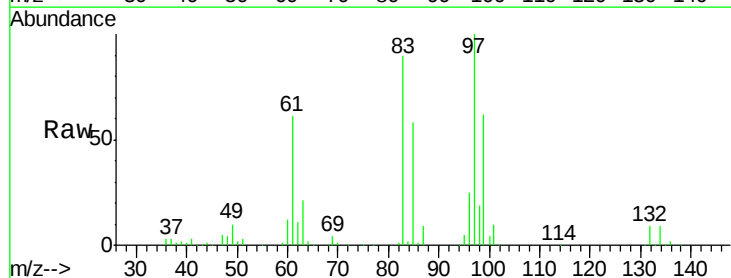
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8
39	45.6	36.4	54.6

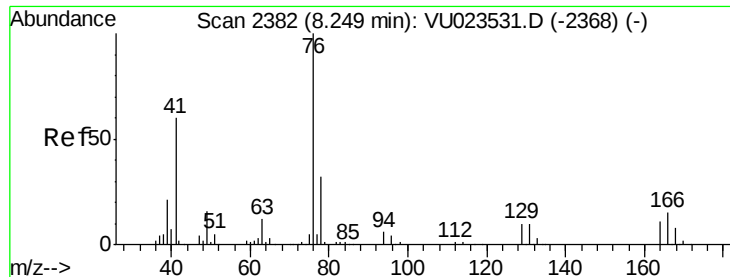


#52

1,1,2-Trichloroethane
 Concen: 10.85 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.6	109.0
85	58.0	47.2	70.8
99	62.1	50.8	76.2

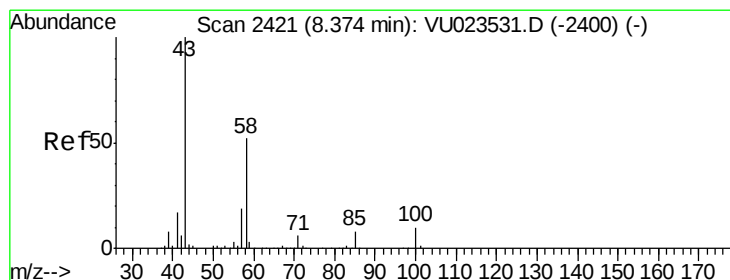
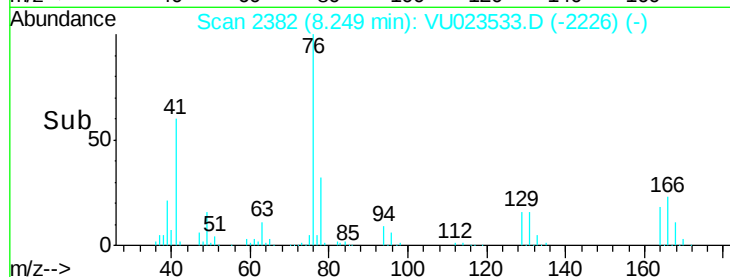
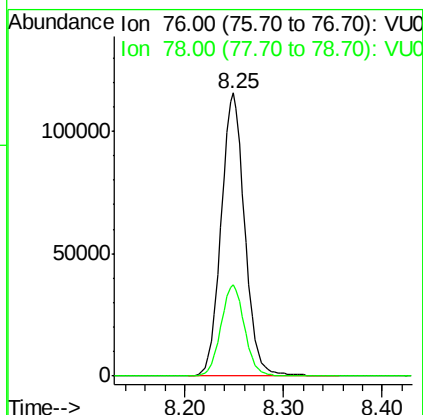
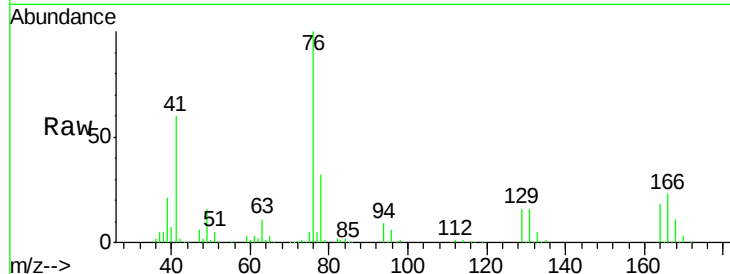




#53
 1,3-Dichloropropane
 Concen: 10.79 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

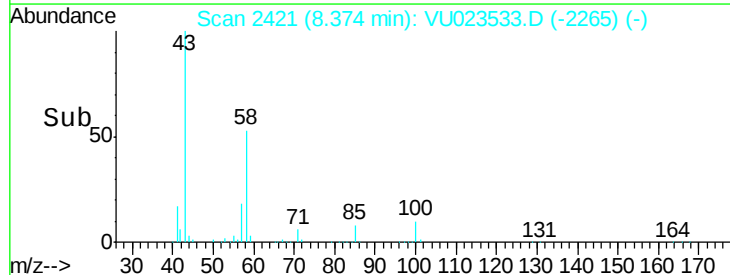
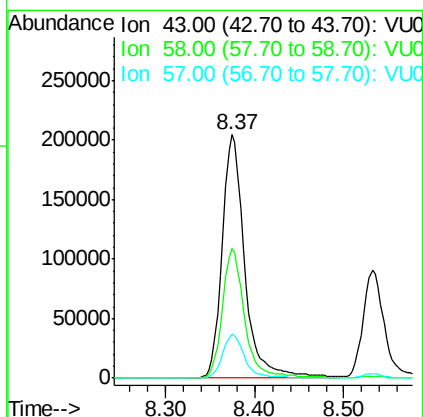
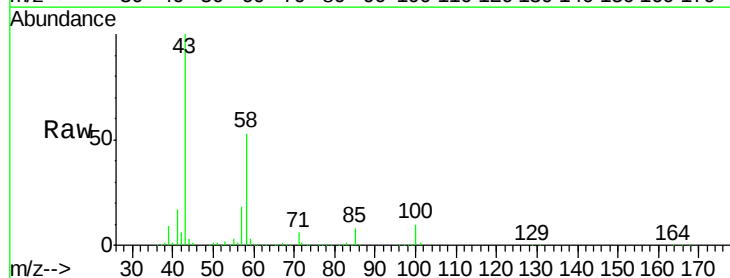
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

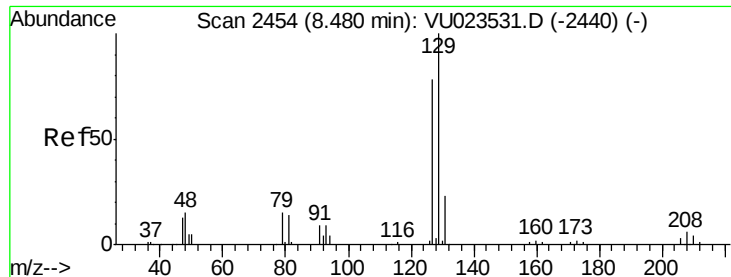
Tgt Ion: 76 Resp: 194705
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#54
 2-Hexanone
 Concen: 62.36 ug/l
 RT: 8.37 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion: 43 Resp: 358278
 Ion Ratio Lower Upper
 43 100
 58 52.8 32.5 72.5
 57 18.1 0.0 37.9





#55

Dibromochloromethane

Concen: 10.83 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

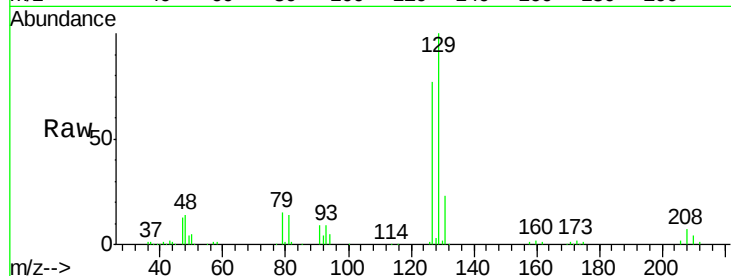
Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:129 Resp: 120493

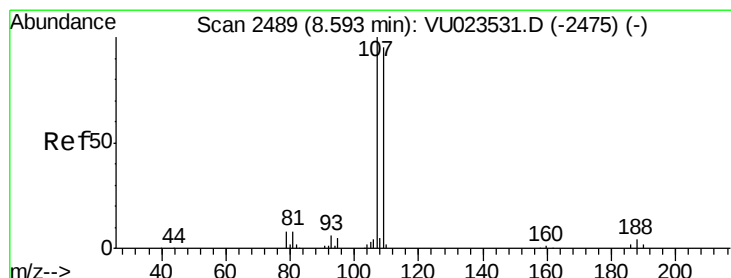
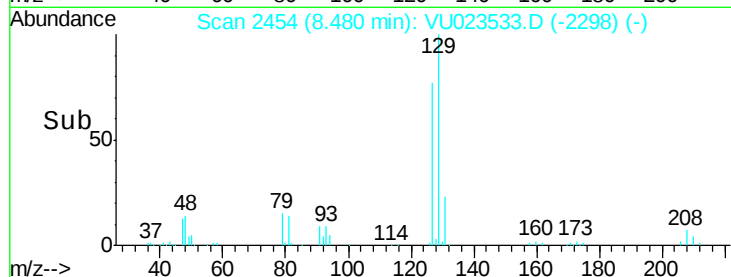
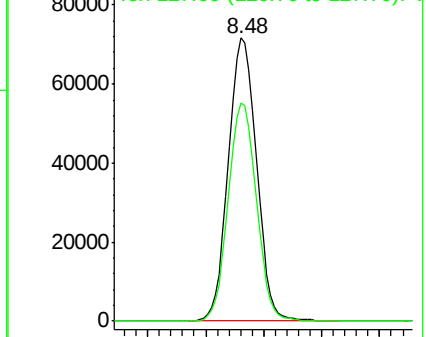
Ion Ratio Lower Upper

129 100

127 77.1 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 11.02 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU023533.D

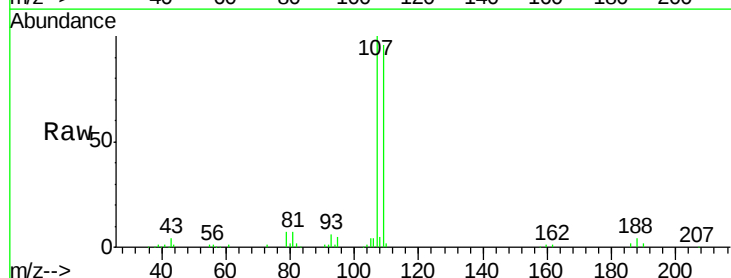
Acq: 30 Apr 2018 17:46

Tgt Ion:107 Resp: 96432

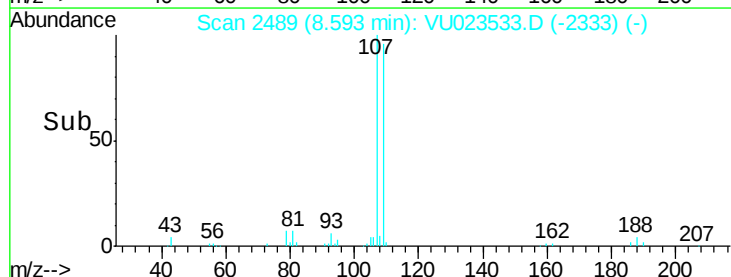
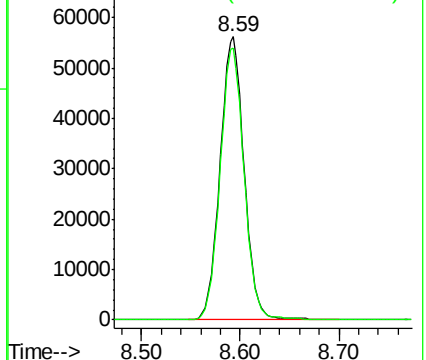
Ion Ratio Lower Upper

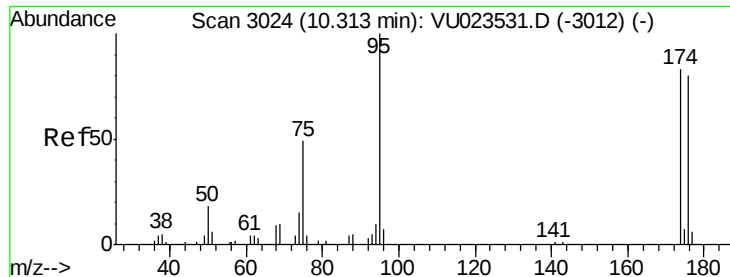
107 100

109 95.6 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

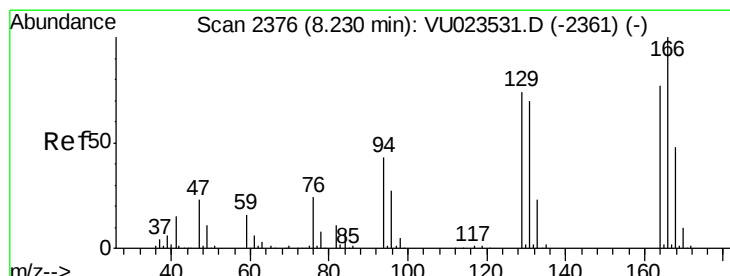
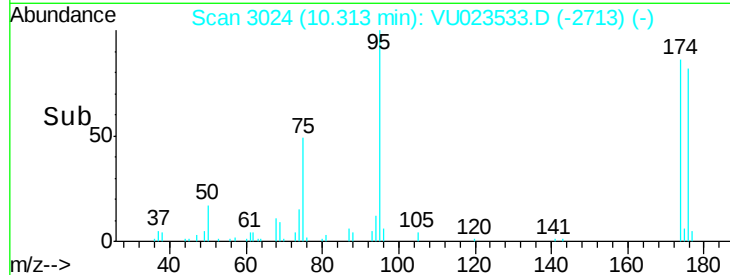
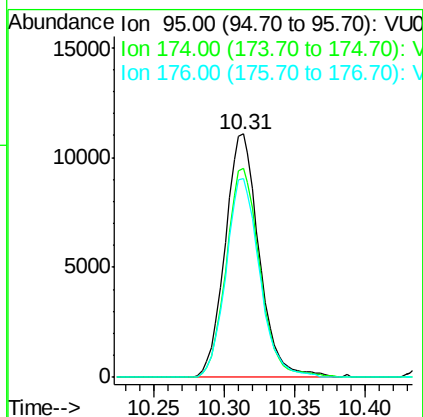
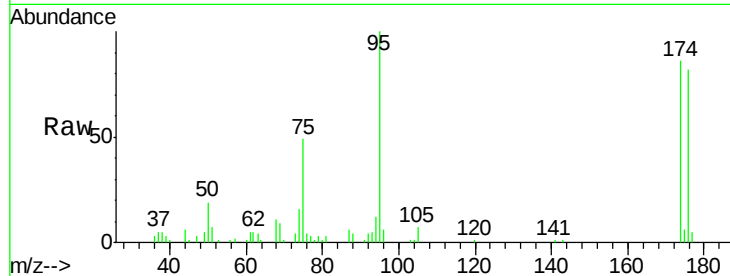




#57
4-Bromofluorobenzene
Concen: 11.02 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

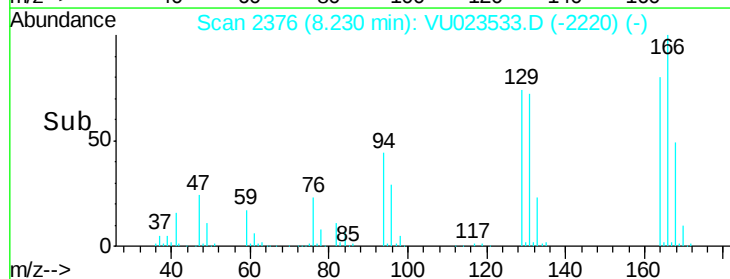
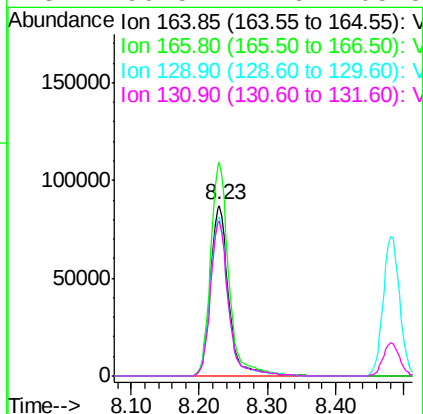
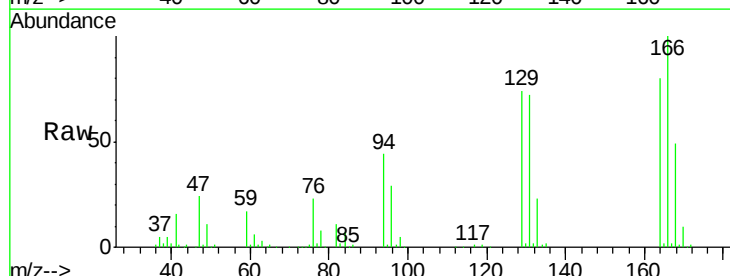
Instrument :
MSVOA_U
ClientSampleId :
BFB

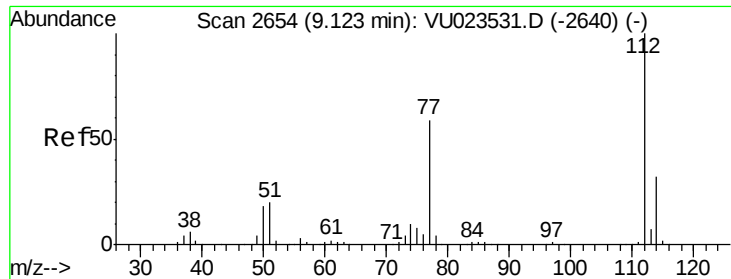
Tgt Ion: 95 Resp: 18700
Ion Ratio Lower Upper
95 100
174 84.8 65.6 98.4
176 80.5 62.0 93.0



#58
Tetrachloroethene
Concen: 10.85 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion: 164 Resp: 160616
Ion Ratio Lower Upper
164 100
166 125.2 104.1 156.1
129 93.1 76.8 115.2
131 90.5 72.6 108.8

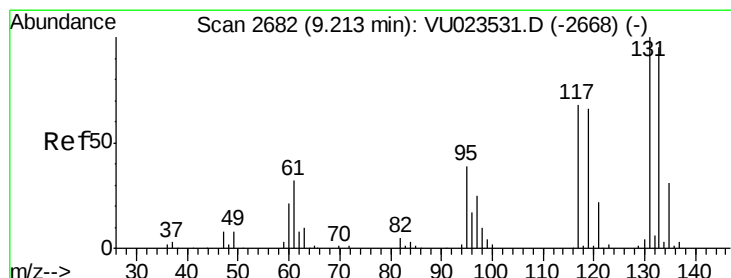
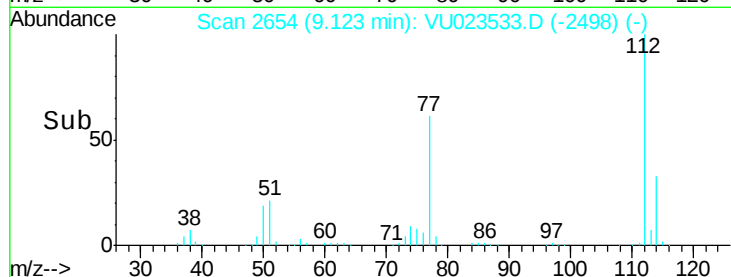
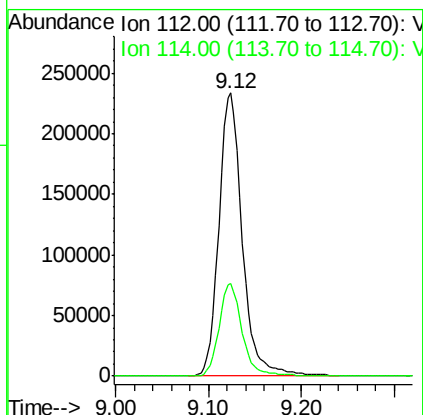
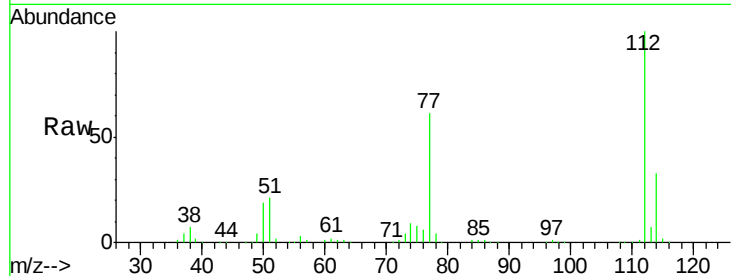




#59
Chlorobenzene
Concen: 10.94 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

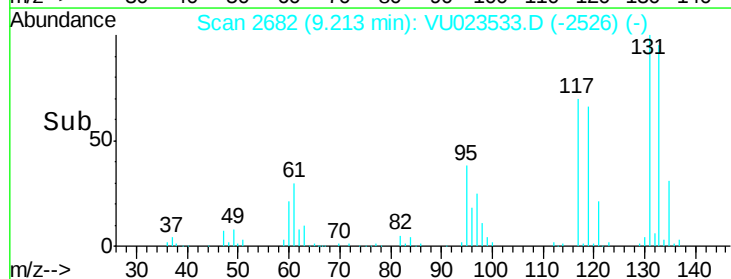
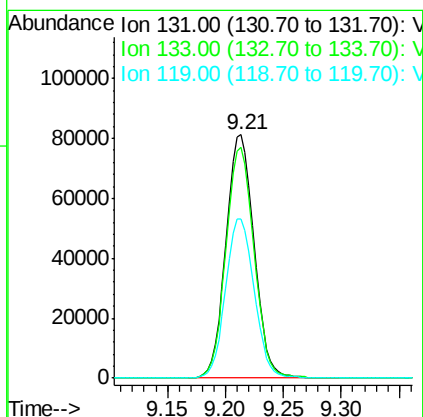
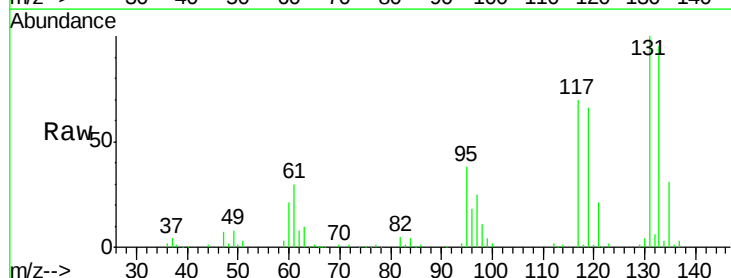
Instrument :
MSVOA_U
ClientSampleId :
BFB

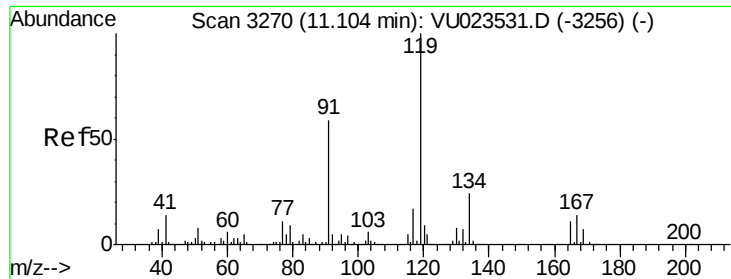
Tgt Ion:112 Resp: 409166
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 10.70 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion:131 Resp: 135887
Ion Ratio Lower Upper
131 100
133 94.9 75.8 113.8
119 66.7 53.0 79.6





#61

Pentachloroethane

Concen: 10.66 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

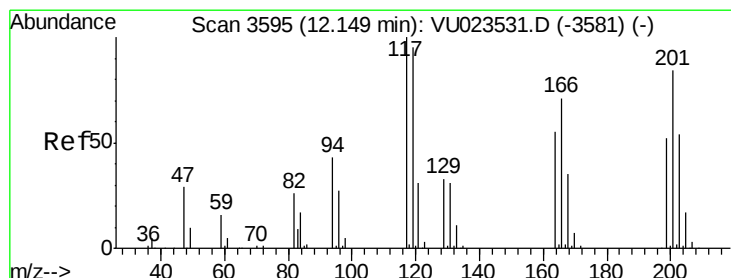
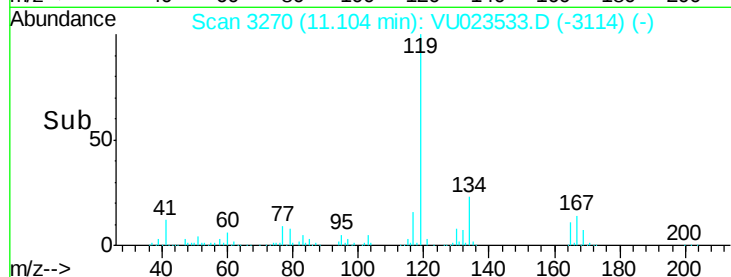
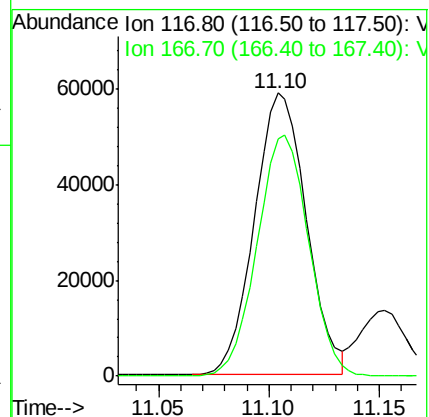
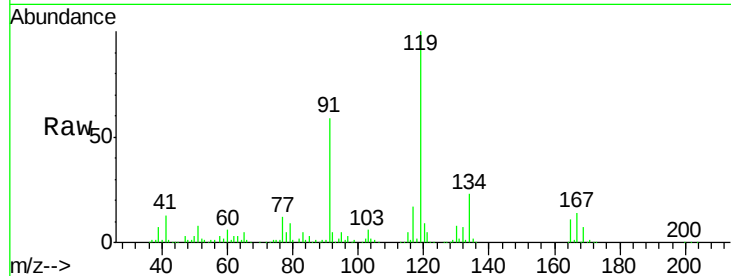
BFB

Tgt Ion:117 Resp: 96150

Ion Ratio Lower Upper

117 100

167 84.8 69.2 103.8



#62

Hexachloroethane

Concen: 10.61 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU023533.D

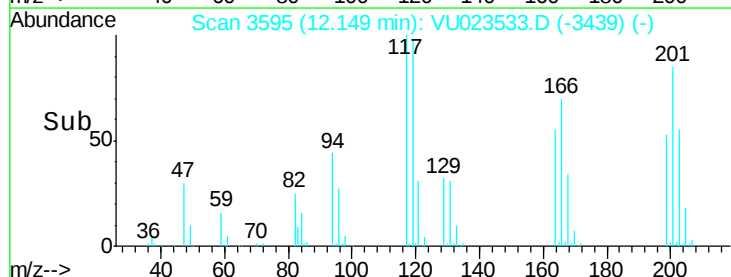
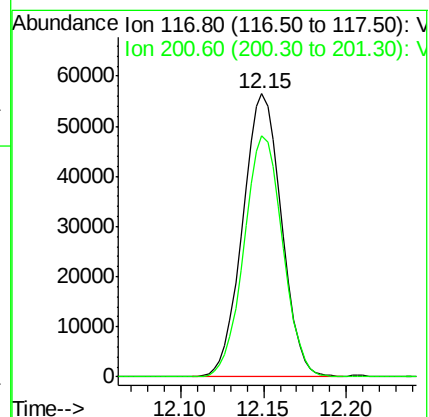
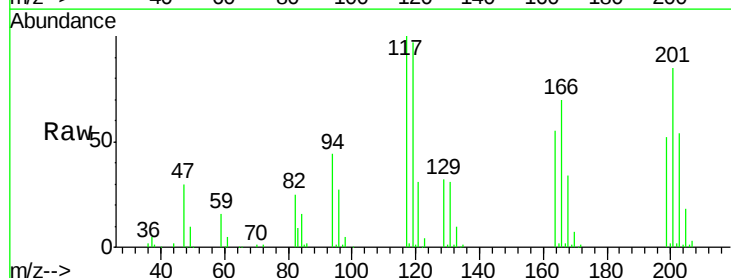
Acq: 30 Apr 2018 17:46

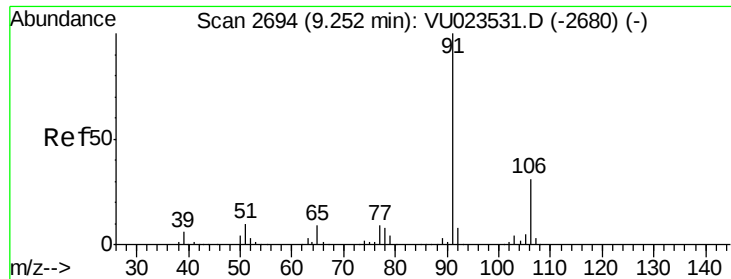
Tgt Ion:117 Resp: 91828

Ion Ratio Lower Upper

117 100

201 85.1 68.7 103.1

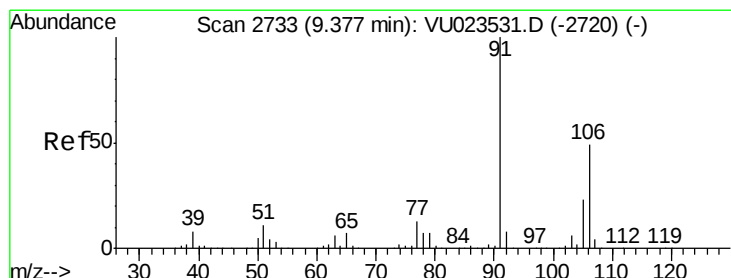
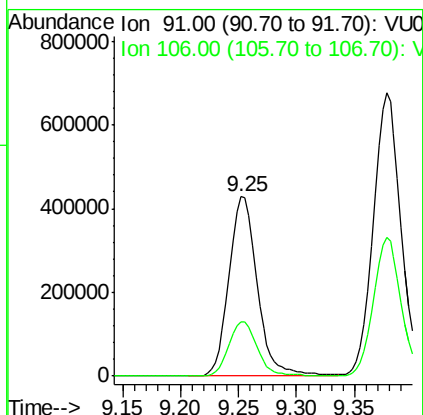
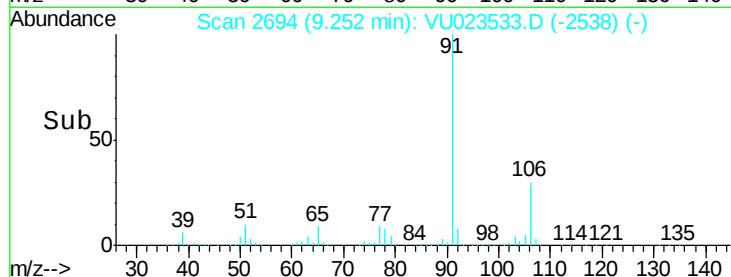
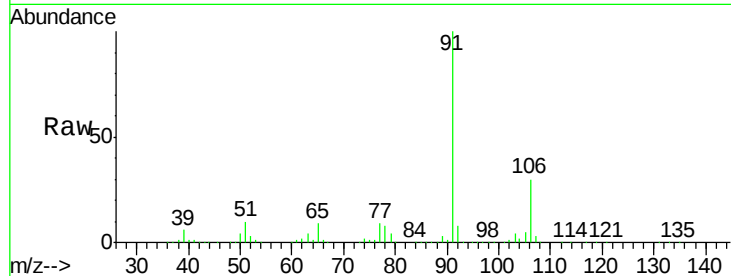




#63
Ethyl Benzene
Concen: 11.67 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

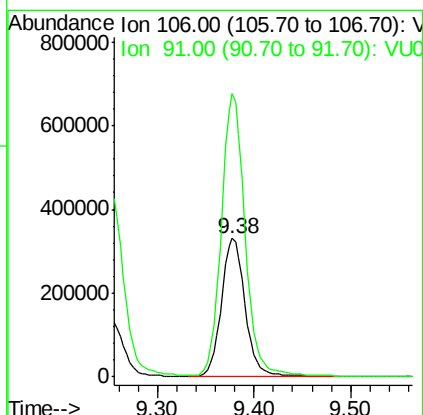
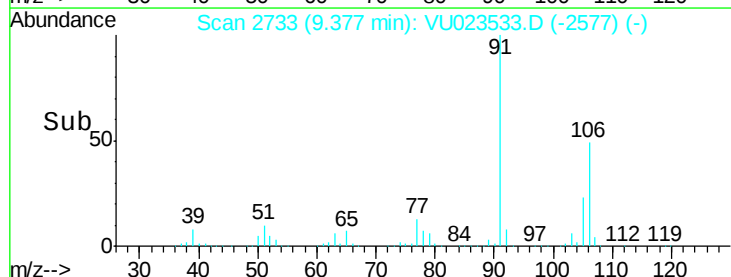
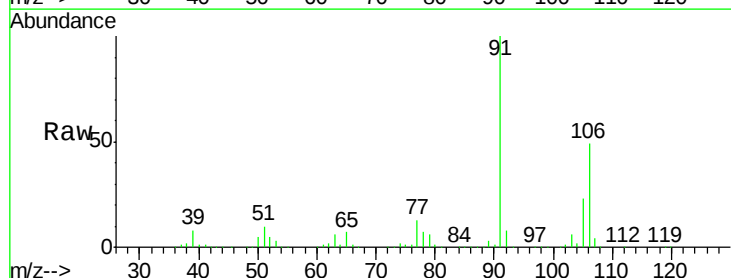
Instrument :
MSVOA_U
ClientSampled :
BFB

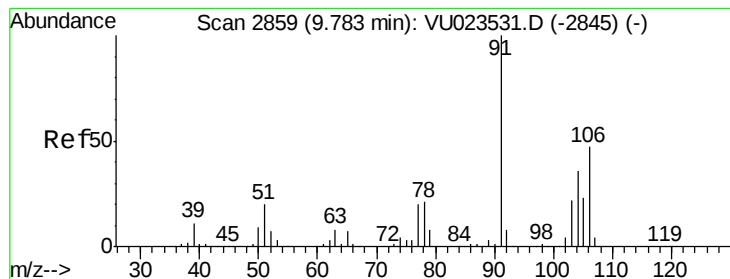
Tgt Ion: 91 Resp: 725745
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#64
m/p-Xylenes
Concen: 23.42 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion: 106 Resp: 561457
Ion Ratio Lower Upper
106 100
91 205.5 164.1 246.1





#65

o-Xylene

Concen: 11.35 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

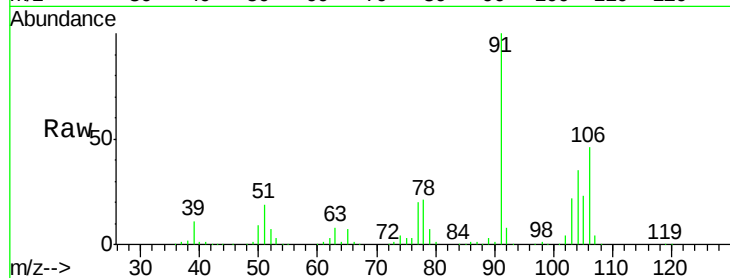
BFB

Tgt Ion:106 Resp: 262023

Ion Ratio Lower Upper

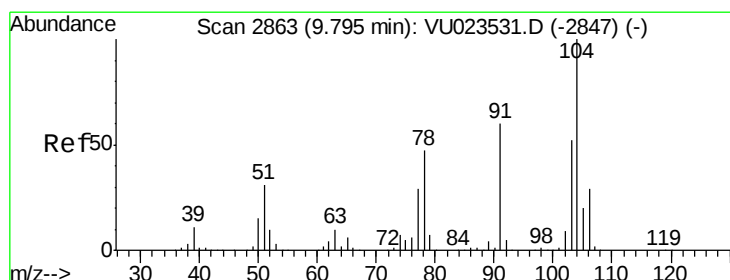
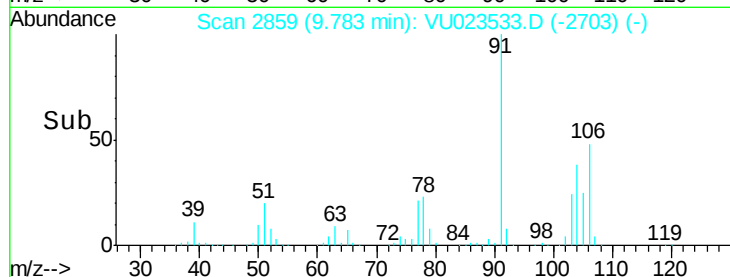
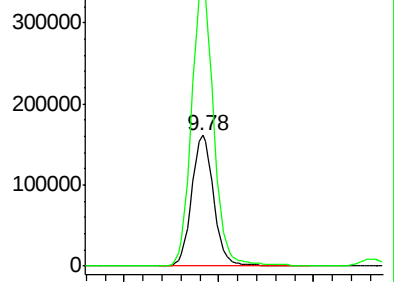
106 100

91 216.7 107.9 323.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 11.41 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

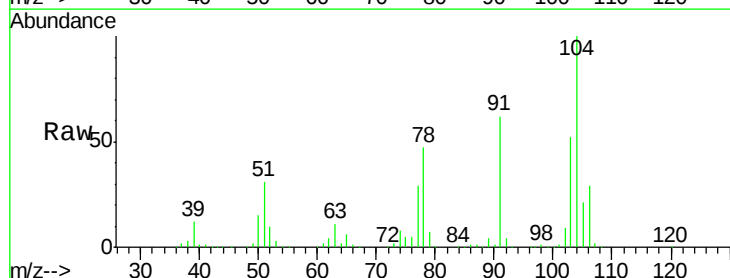
Tgt Ion:104 Resp: 434613

Ion Ratio Lower Upper

104 100

78 50.8 40.2 60.2

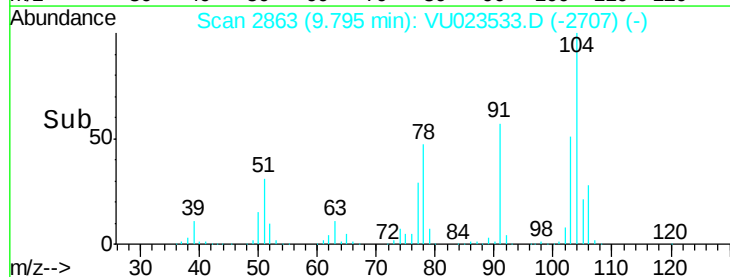
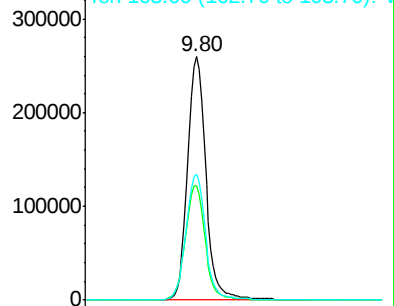
103 55.1 44.2 66.4

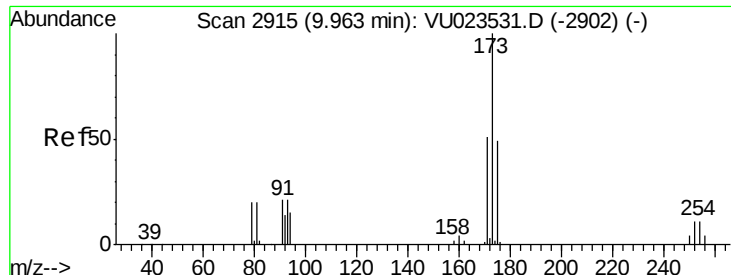


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 11.06 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampled :

BFB

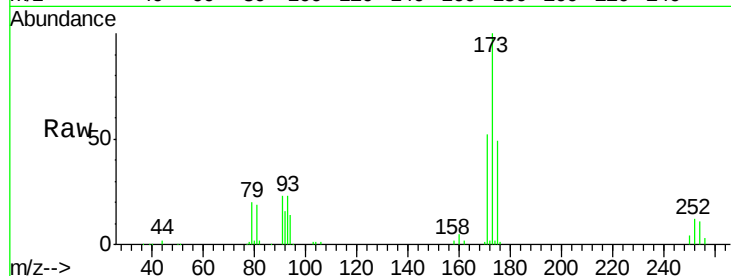
Tgt Ion:173 Resp: 64294

Ion Ratio Lower Upper

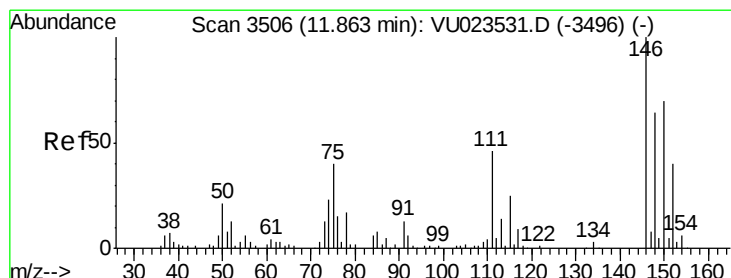
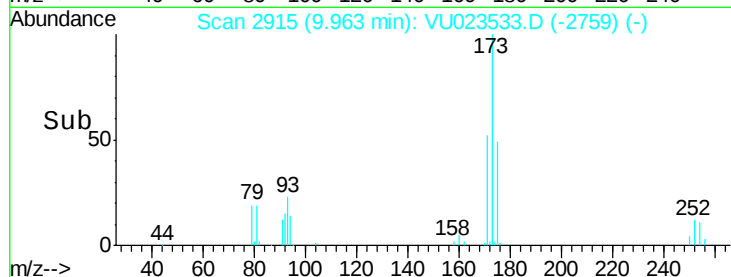
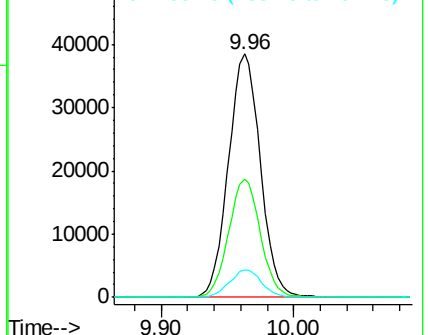
173 100

175 48.4 38.6 57.8

254 11.4 8.8 13.2



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 11.06 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

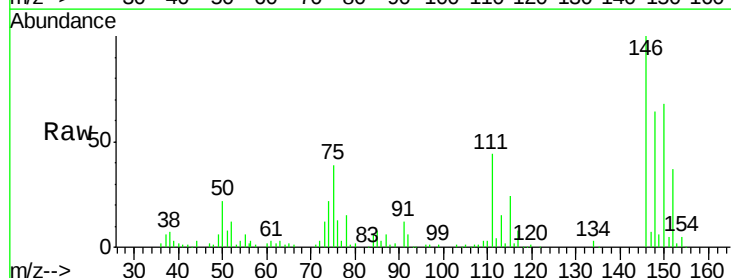
Tgt Ion:152 Resp: 17327

Ion Ratio Lower Upper

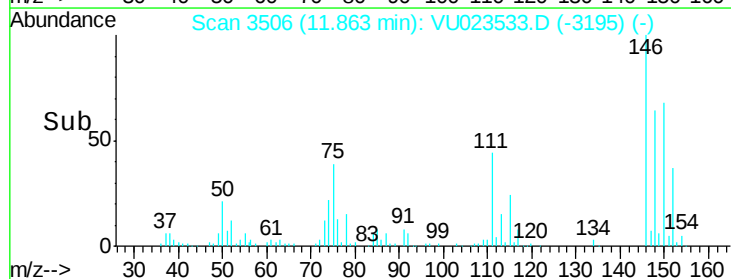
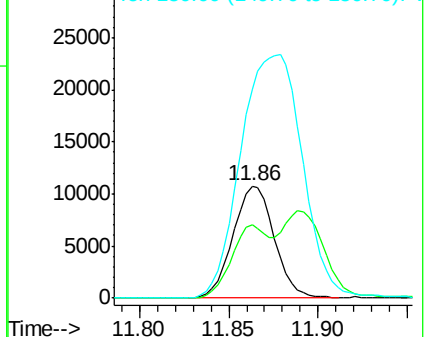
152 100

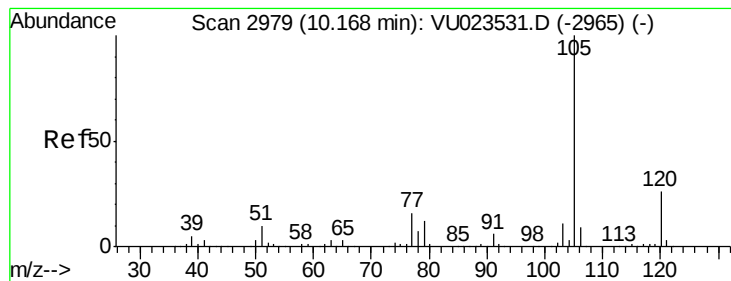
115 56.3 0.0 118.8

150 0.0 0.0 0.0



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





#69

Isopropylbenzene

Concen: 11.98 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

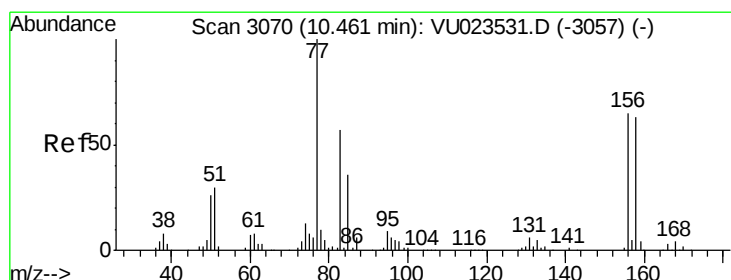
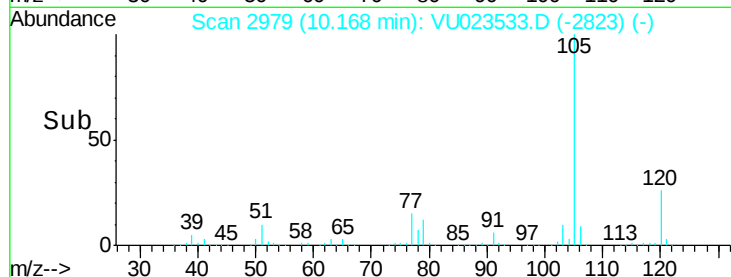
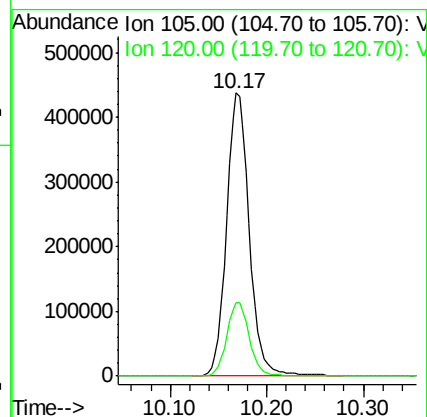
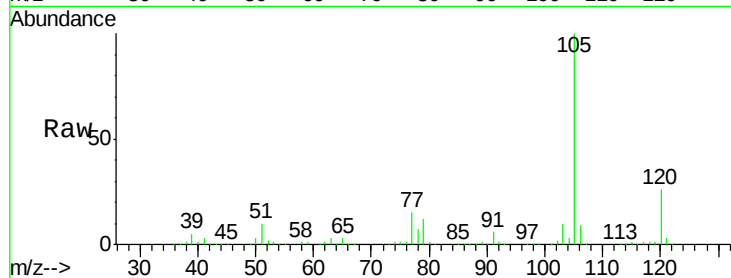
BFB

Tgt Ion: 105 Resp: 712752

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 10.64 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

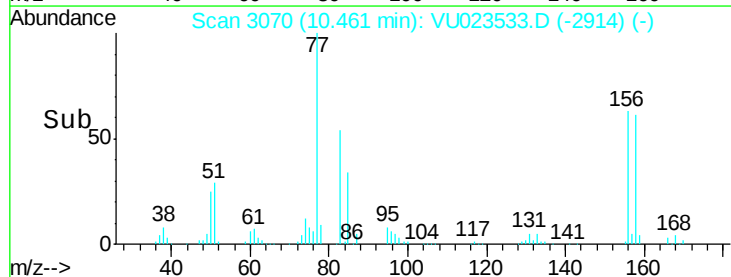
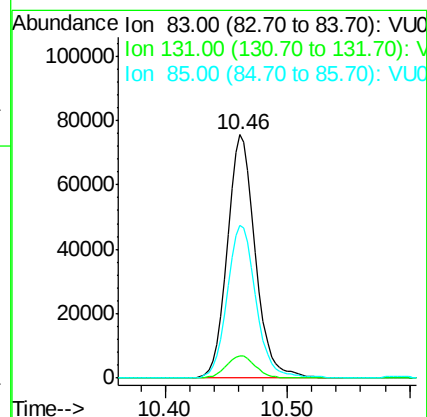
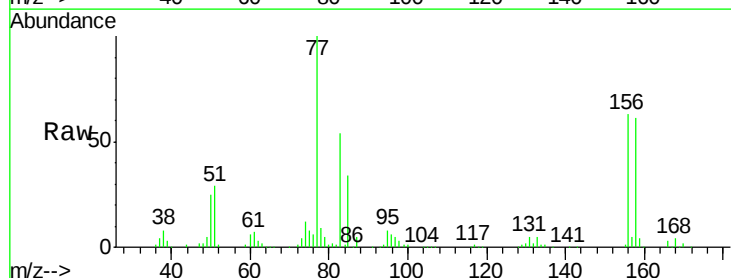
Tgt Ion: 83 Resp: 121767

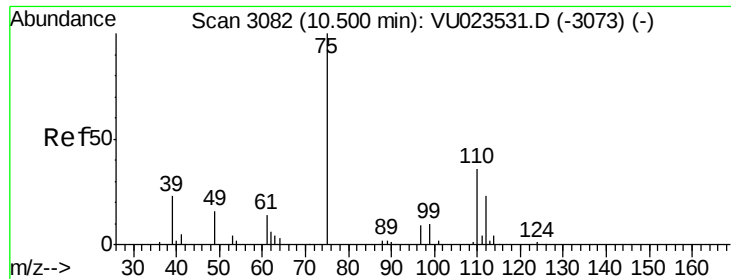
Ion Ratio Lower Upper

83 100

131 9.7 7.9 11.9

85 64.7 51.8 77.6





#71

1,2,3-Trichloropropane

Concen: 15.13 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampled :

BFB

Tgt Ion: 75 Resp: 123928

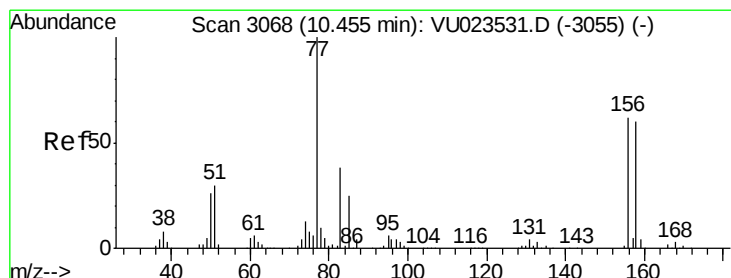
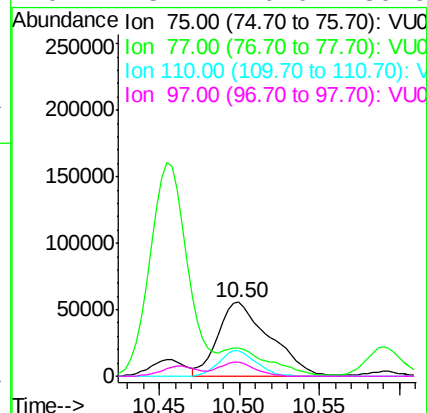
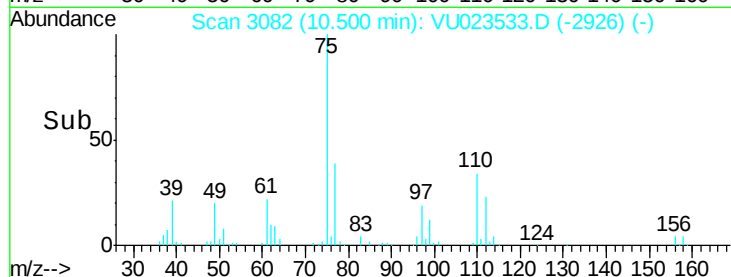
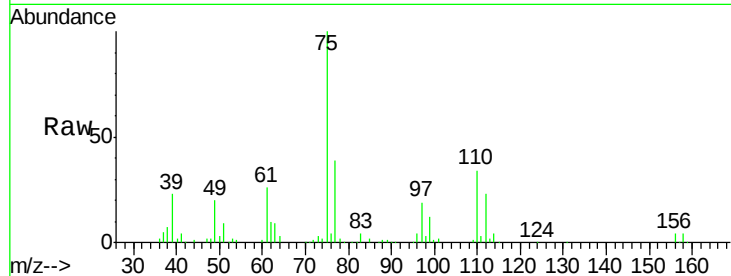
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 24.9 0.0 74.0

97 13.2 0.0 39.6



#72

Bromobenzene

Concen: 11.06 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

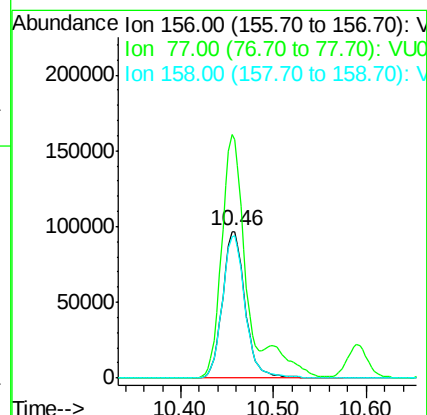
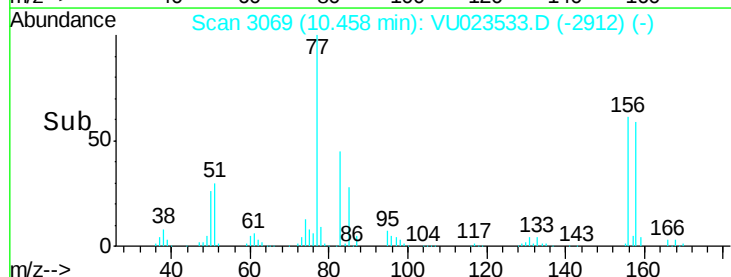
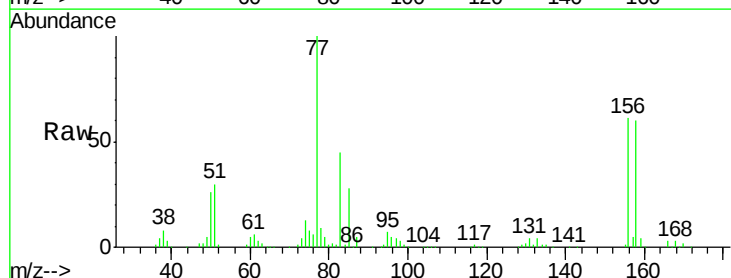
Tgt Ion: 156 Resp: 163821

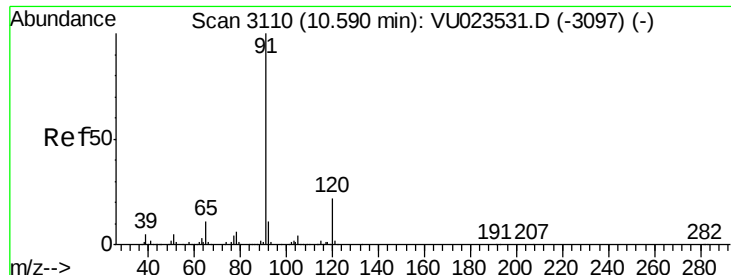
Ion Ratio Lower Upper

156 100

77 162.2 0.0 309.8

158 98.3 0.0 193.0

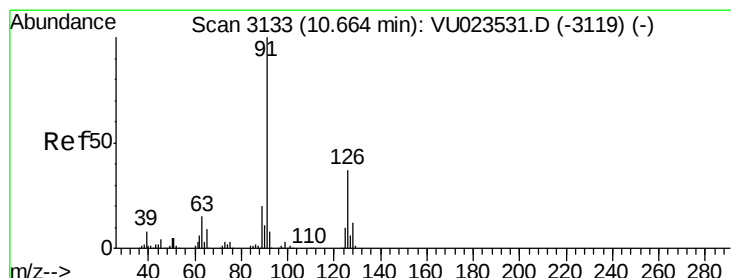
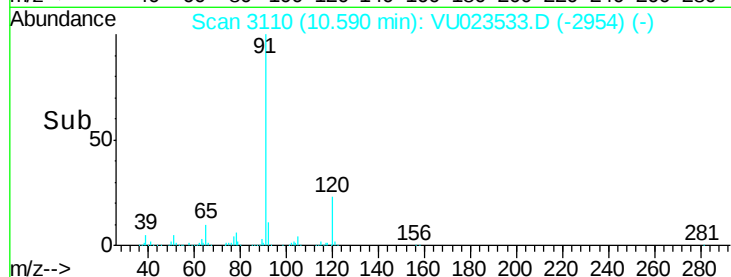
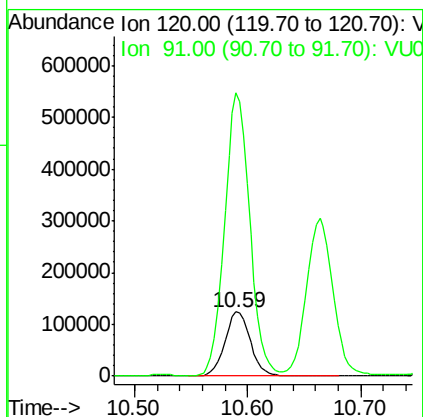
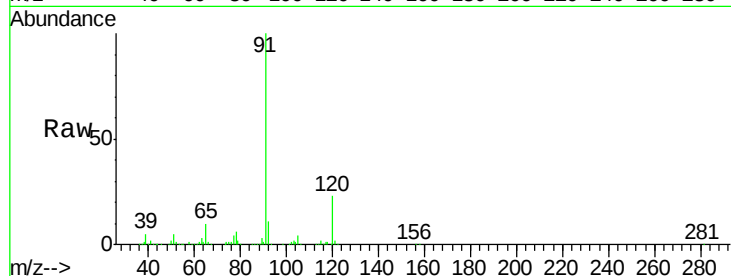




#73
n-propylbenzene
Concen: 11.92 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

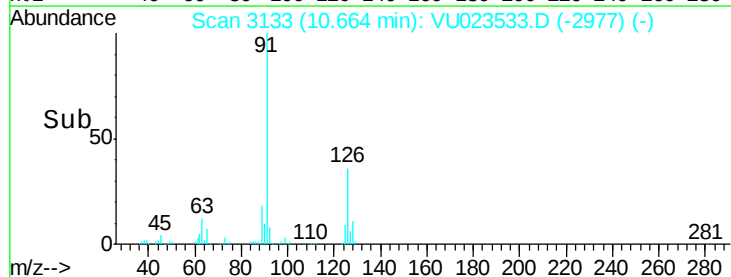
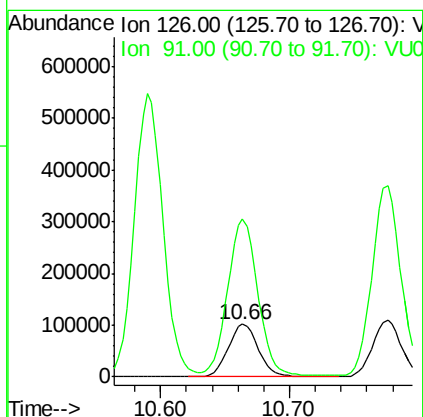
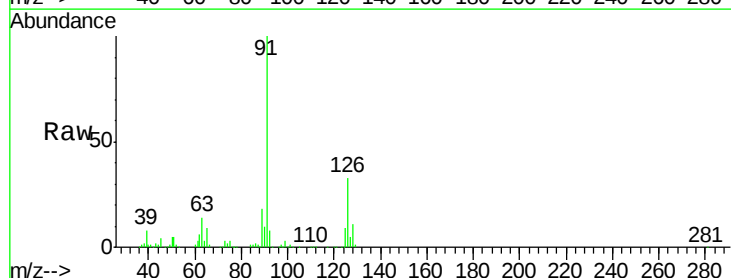
Instrument :
MSVOA_U
ClientSampleId :
BFB

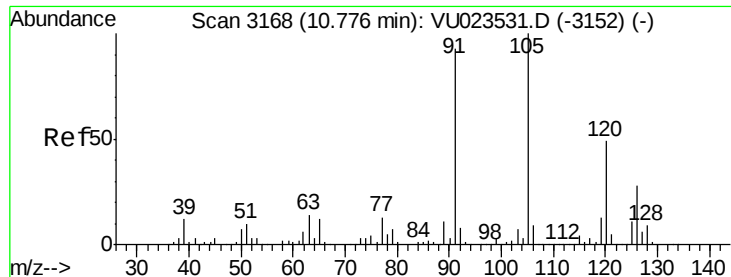
Tgt Ion:120 Resp: 195978
Ion Ratio Lower Upper
120 100
91 432.3 352.2 528.4



#74
2-Chlorotoluene
Concen: 11.44 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. 0.00 min
Lab File: VU023533.D
Acq: 30 Apr 2018 17:46

Tgt Ion:126 Resp: 166347
Ion Ratio Lower Upper
126 100
91 301.5 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 11.93 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampled :

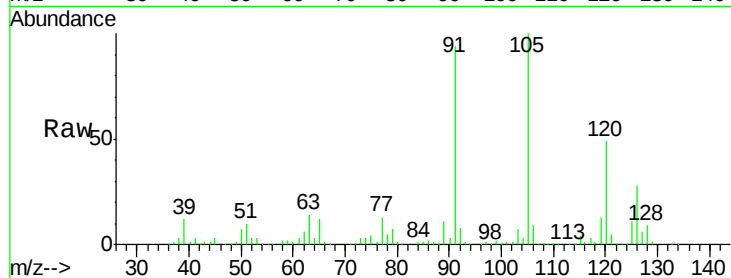
BFB

Tgt Ion:105 Resp: 597975

Ion Ratio Lower Upper

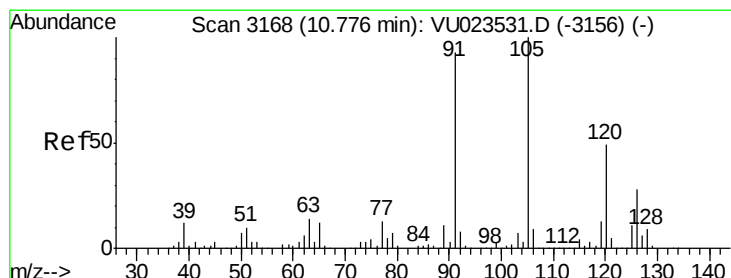
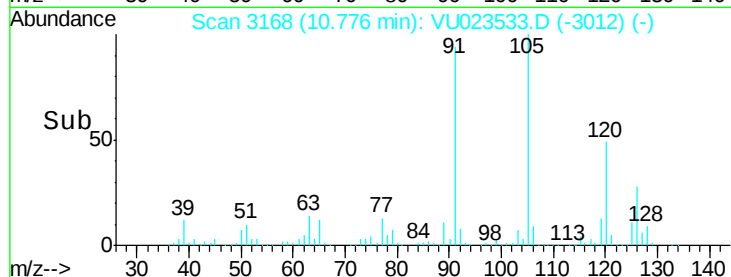
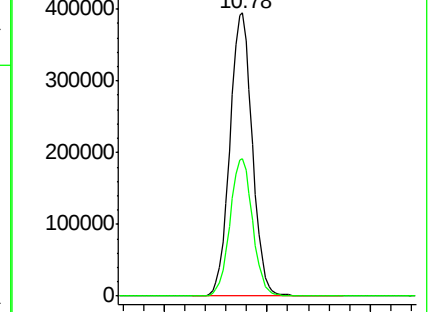
105 100

120 48.7 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 11.50 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023533.D

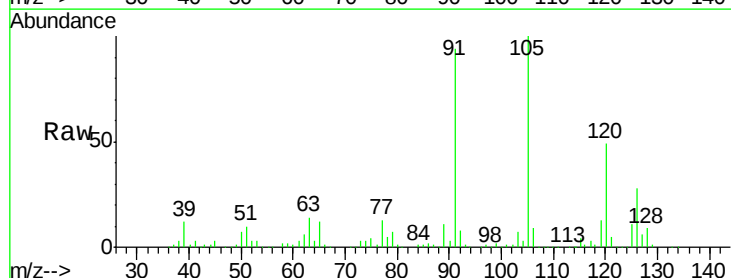
Acq: 30 Apr 2018 17:46

Tgt Ion:126 Resp: 173165

Ion Ratio Lower Upper

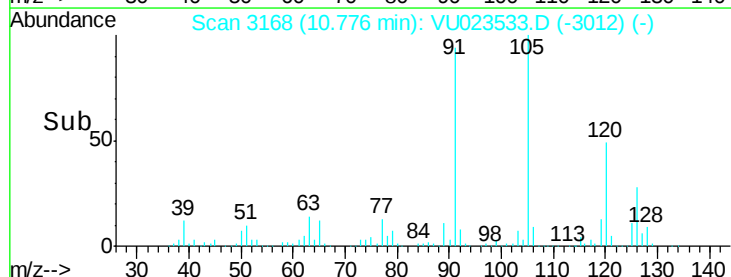
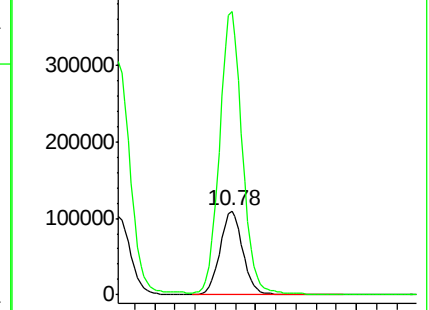
126 100

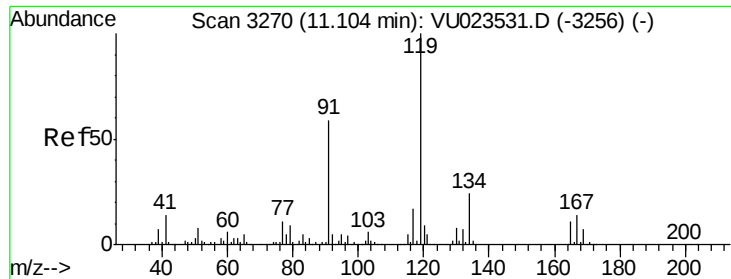
91 335.4 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

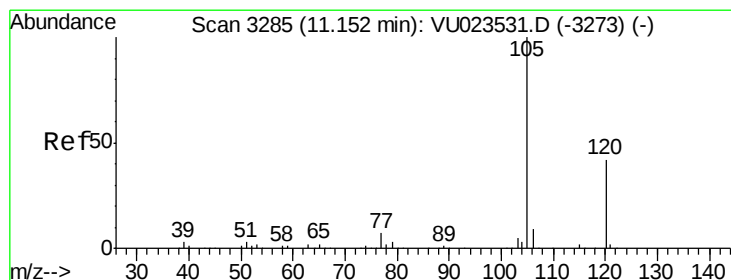
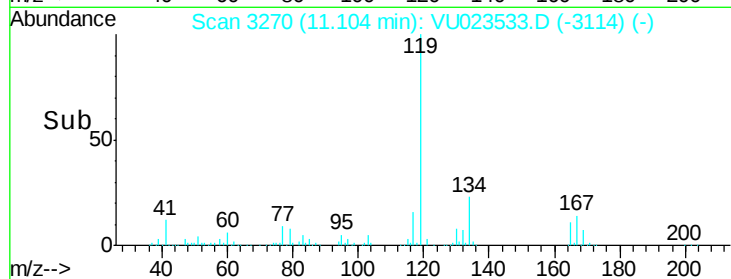
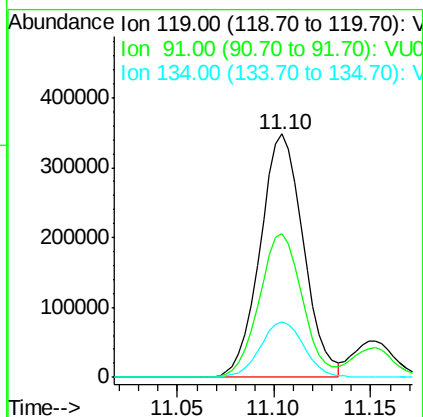
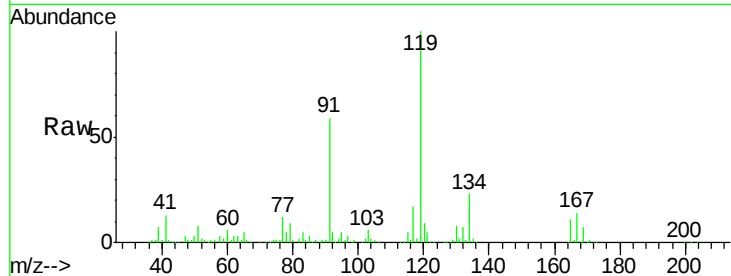




#77
 tert-Butylbenzene
 Concen: 11.52 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

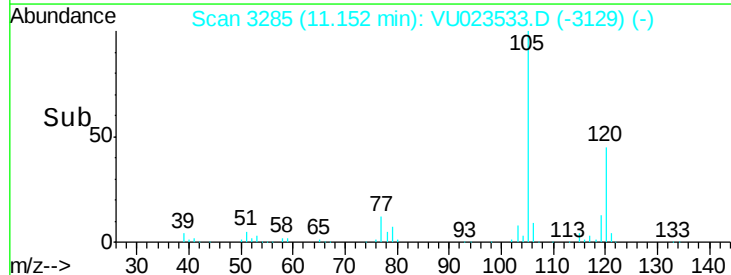
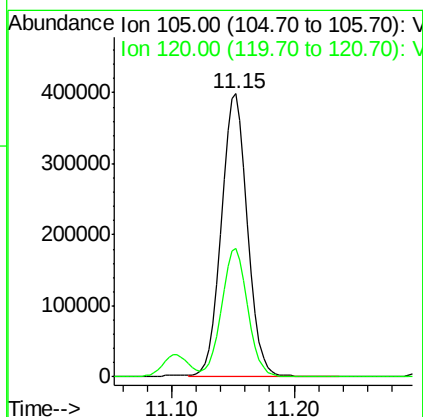
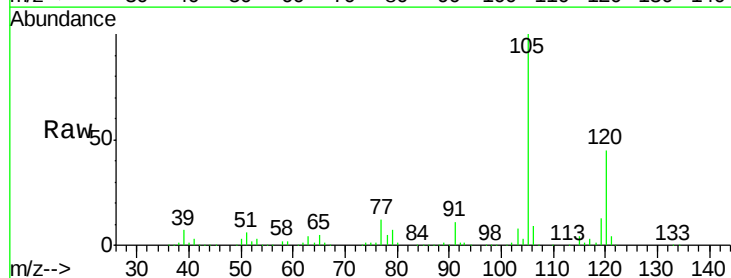
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

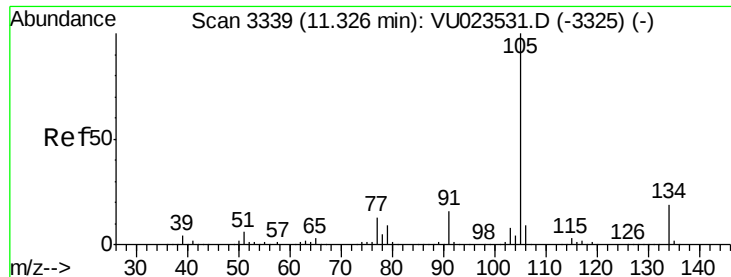
Tgt Ion:119 Resp: 540621
 Ion Ratio Lower Upper
 119 100
 91 59.1 29.6 88.8
 134 23.3 19.1 28.7



#78
 1,2,4-Trimethylbenzene
 Concen: 11.81 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion:105 Resp: 597532
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.3

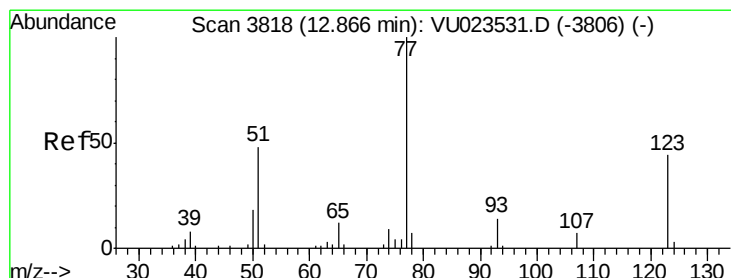
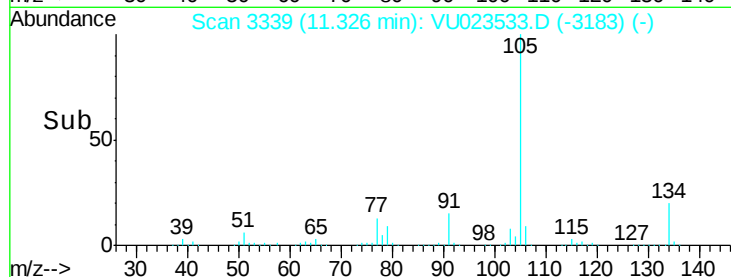
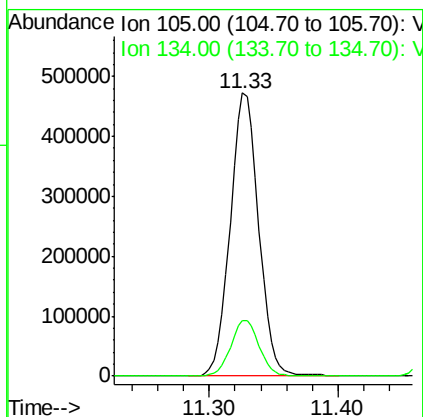
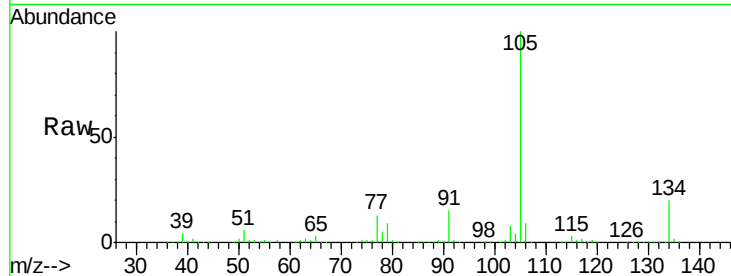




#79
 sec-Butylbenzene
 Concen: 10.99 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

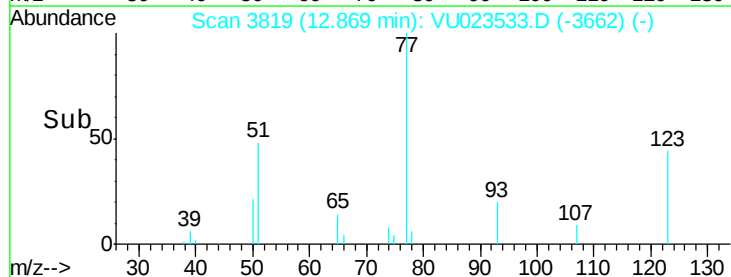
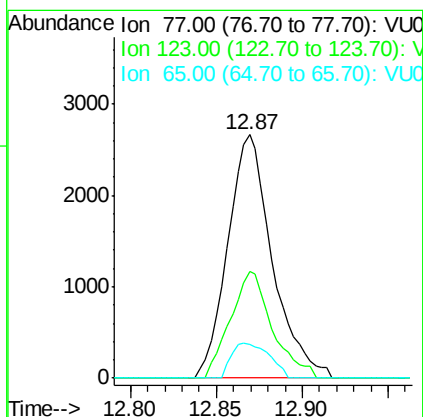
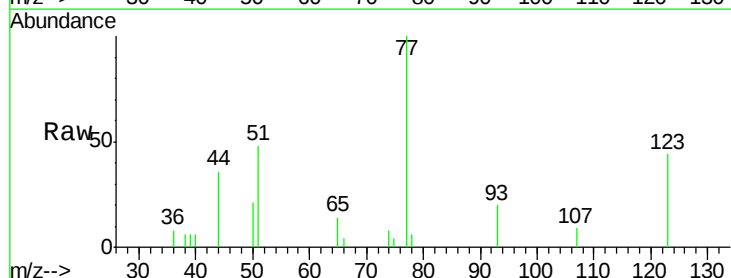
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

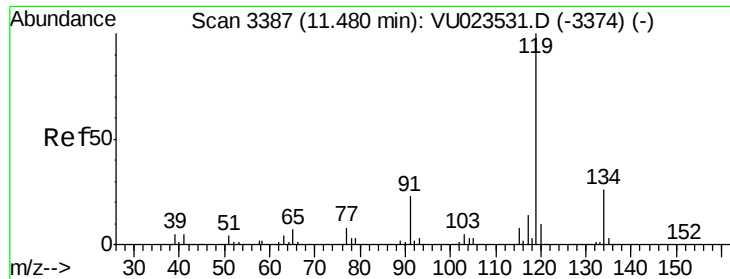
Tgt Ion: 105 Resp: 722722
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.6 23.4



#80
 Nitrobenzene
 Concen: 12.00 ug/l
 RT: 12.87 min Scan# 3819
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion: 77 Resp: 4785
 Ion Ratio Lower Upper
 77 100
 123 41.1 19.4 68.6
 65 12.2 11.2 14.2

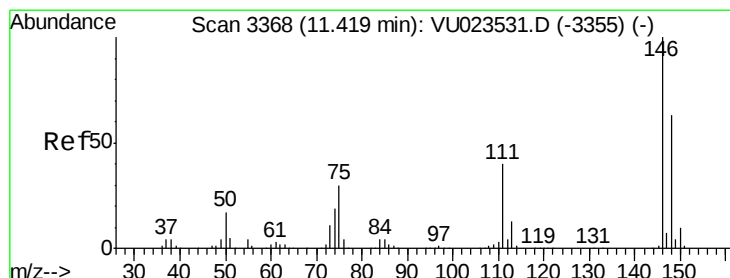
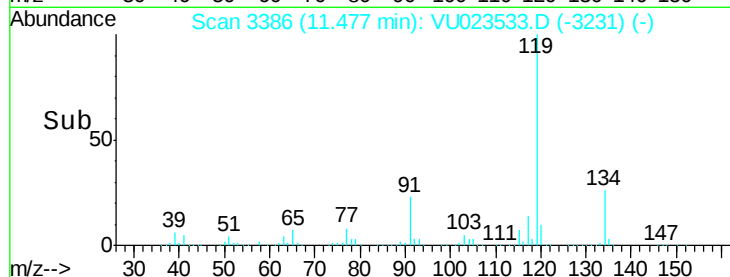
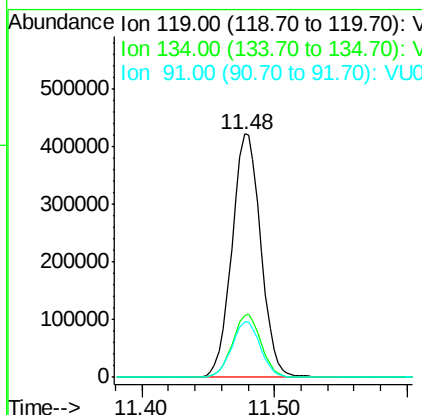
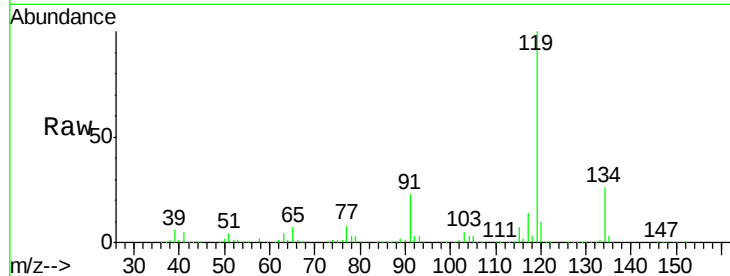




#81
 p-Isopropyltoluene
 Concen: 11.77 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

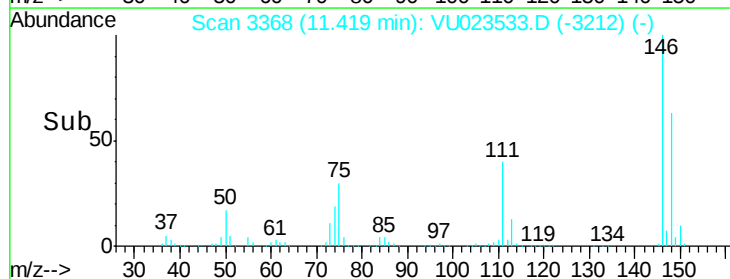
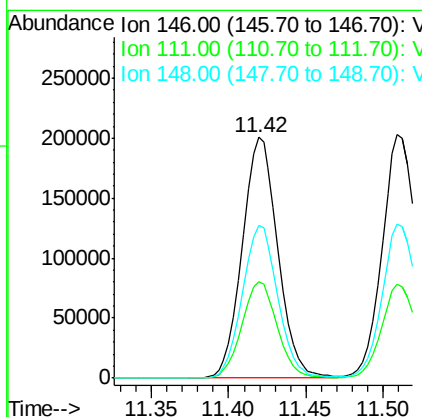
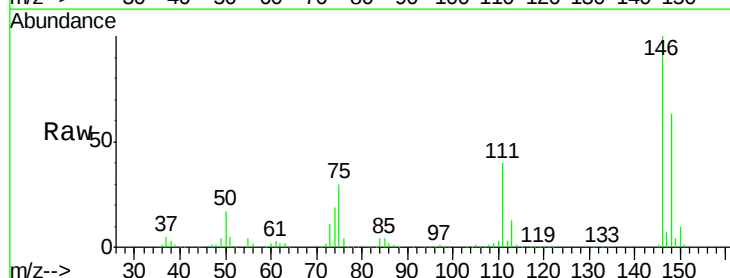
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

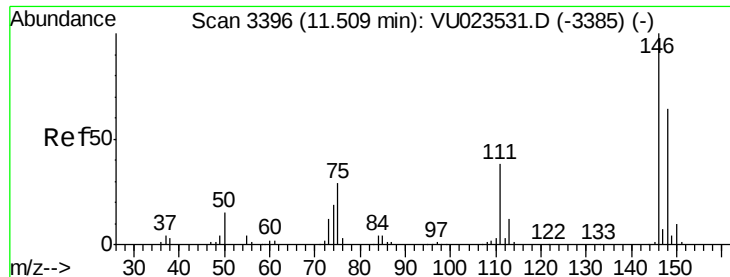
Tgt Ion:119 Resp: 635942
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.9 31.3
 91 22.7 18.2 27.2



#82
 1,3-Dichlorobenzene
 Concen: 10.87 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion:146 Resp: 321145
 Ion Ratio Lower Upper
 146 100
 111 39.9 31.8 47.6
 148 63.3 51.0 76.4

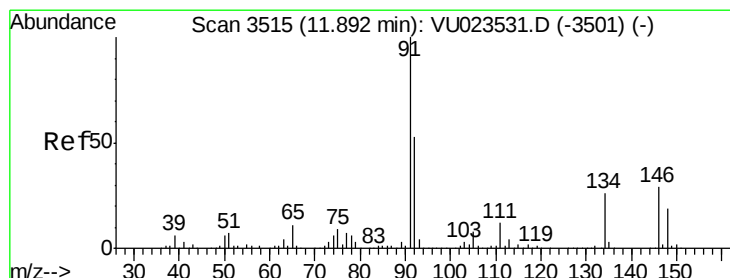
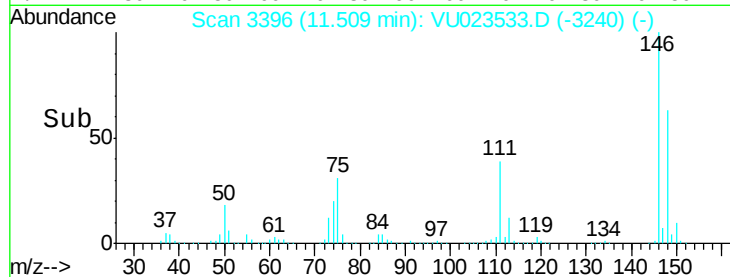
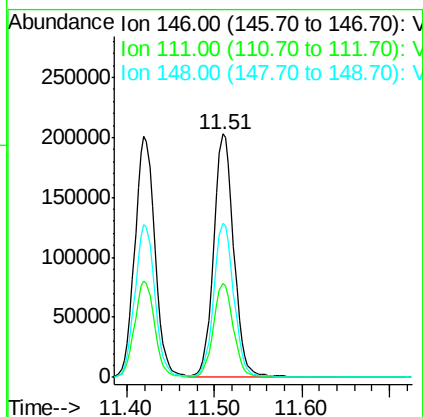
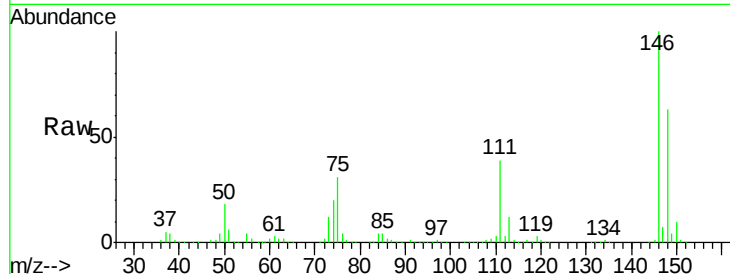




#83
 1,4-Dichlorobenzene
 Concen: 11.03 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

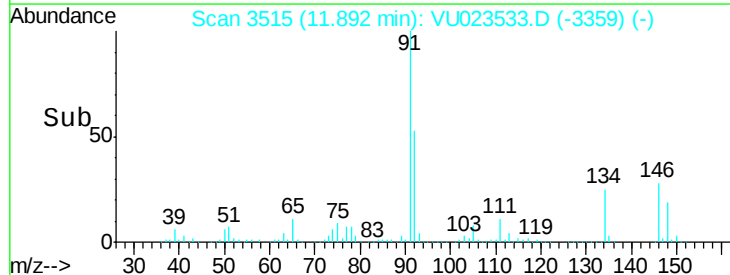
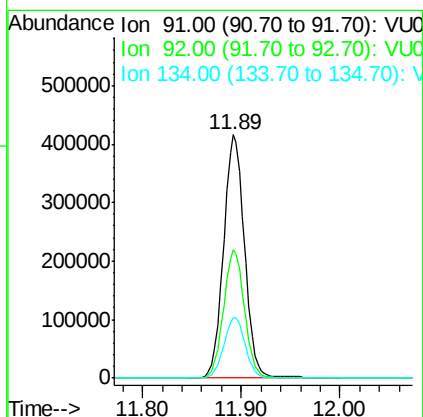
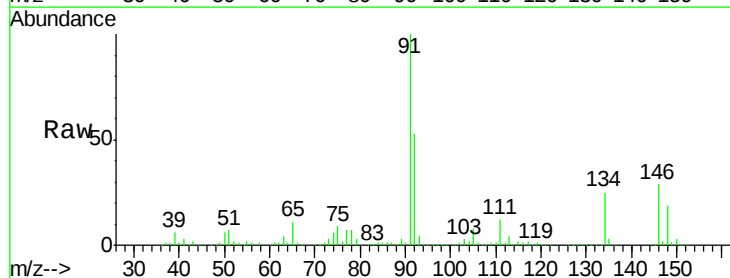
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

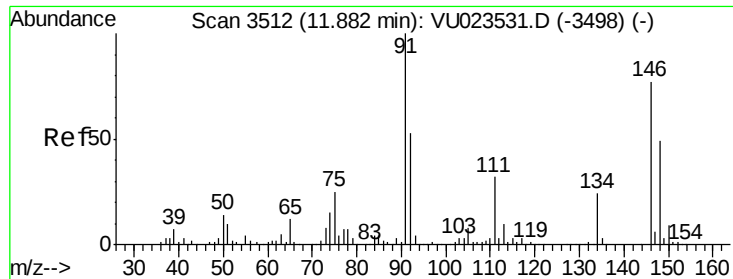
Tgt Ion: 146 Resp: 325404
 Ion Ratio Lower Upper
 146 100
 111 37.8 30.1 45.1
 148 63.6 50.6 76.0



#84
 n-Butylbenzene
 Concen: 11.81 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion: 91 Resp: 622726
 Ion Ratio Lower Upper
 91 100
 92 52.5 42.2 63.2
 134 25.2 20.3 30.5

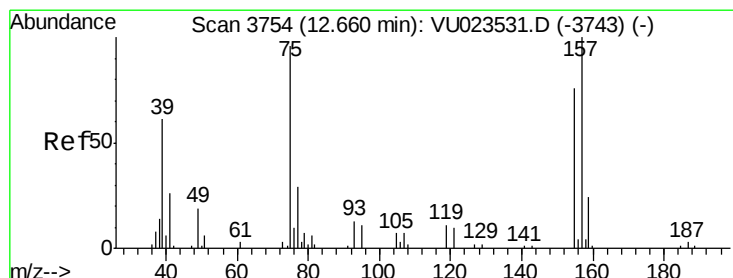
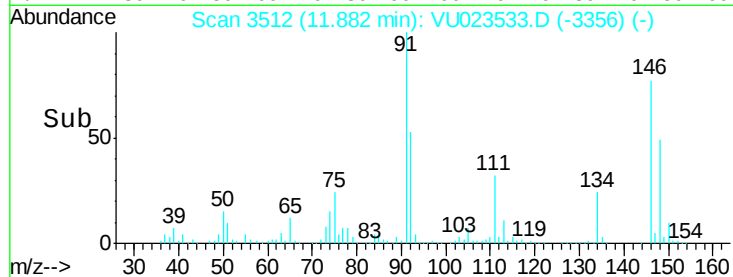
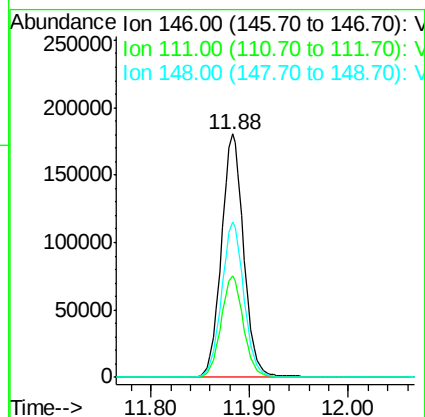
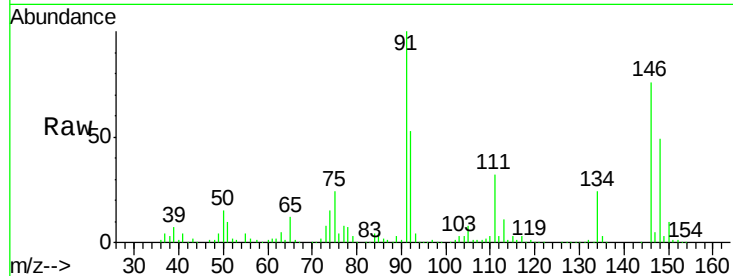




#85
 1,2-Dichlorobenzene
 Concen: 10.72 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

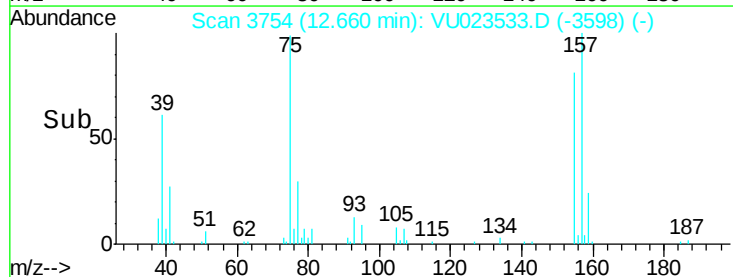
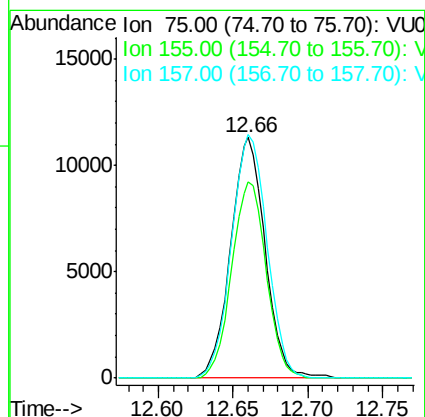
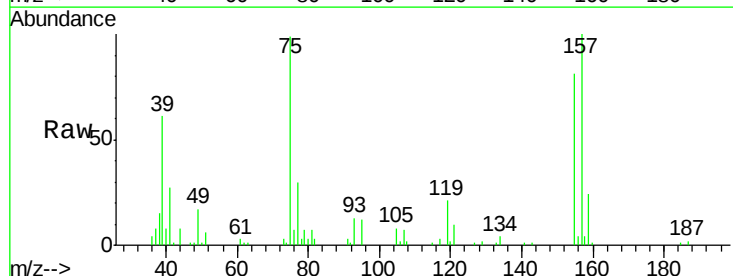
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

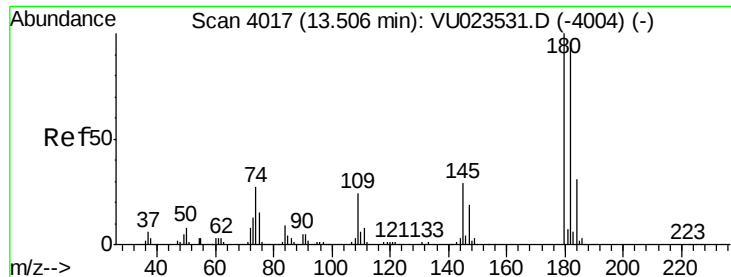
Tgt Ion: 146 Resp: 286012
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.7 62.1
 148 64.3 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.26 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion: 75 Resp: 18187
 Ion Ratio Lower Upper
 75 100
 155 81.2 65.8 98.6
 157 104.2 83.5 125.3

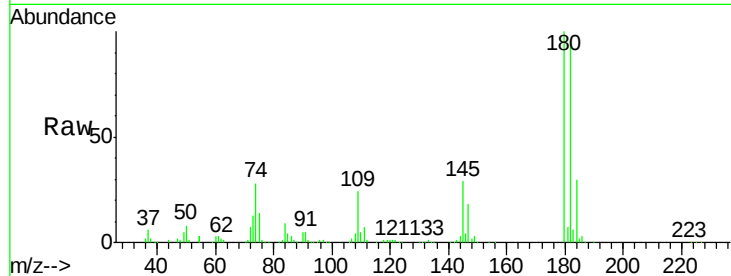




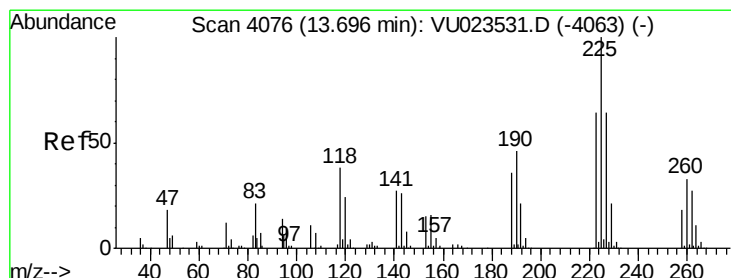
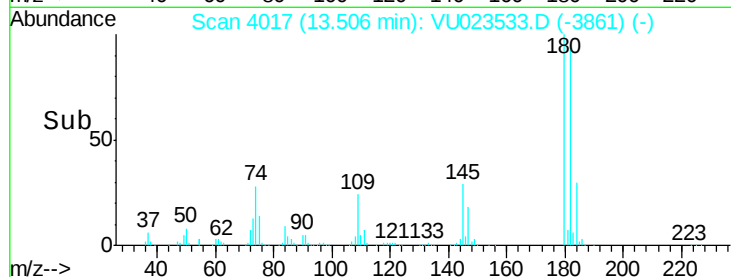
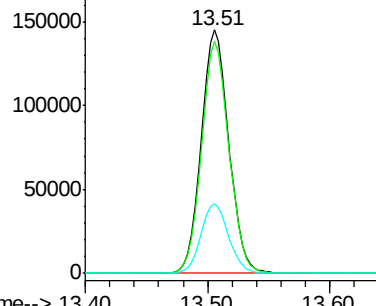
#87
 1,2,4-Trichlorobenzene
 Concen: 11.82 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 228170
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.1 115.7
 145 28.7 23.3 34.9

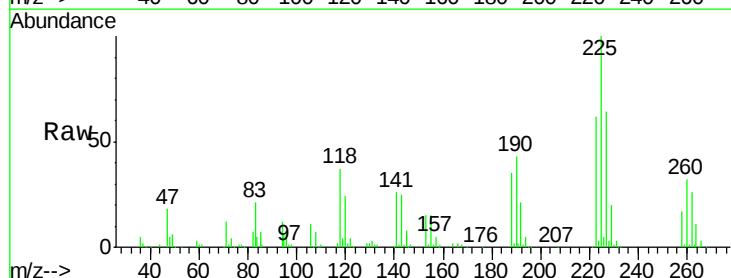


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

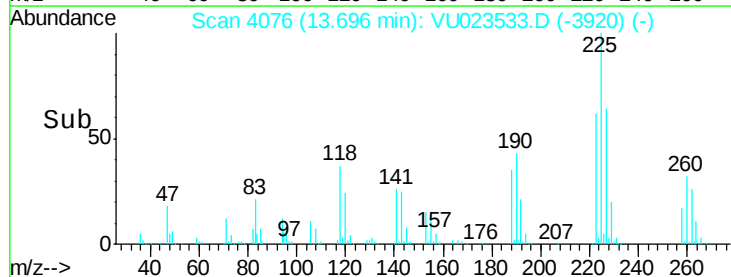
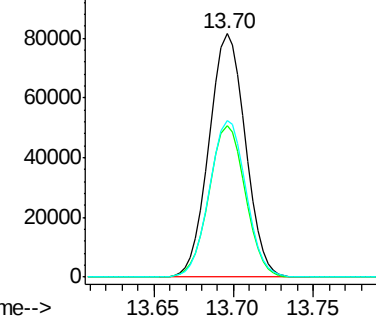


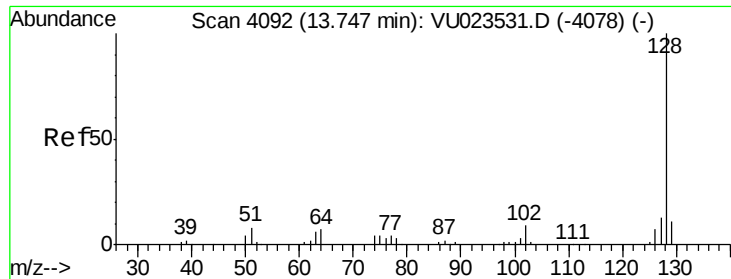
#88
 Hexachlorobutadiene
 Concen: 10.78 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU023533.D
 Acq: 30 Apr 2018 17:46

Tgt Ion:225 Resp: 126155
 Ion Ratio Lower Upper
 225 100
 223 62.1 50.6 75.8
 227 64.5 51.8 77.6



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 12.59 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

BFB

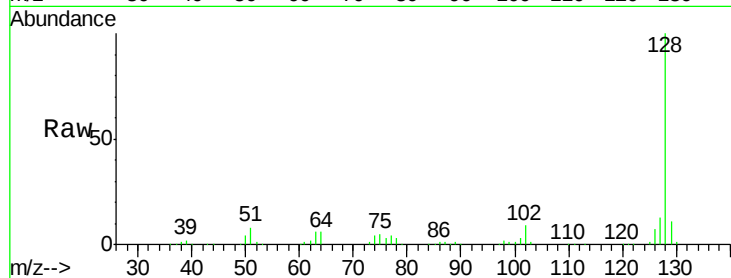
Tgt Ion:128 Resp: 366054

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

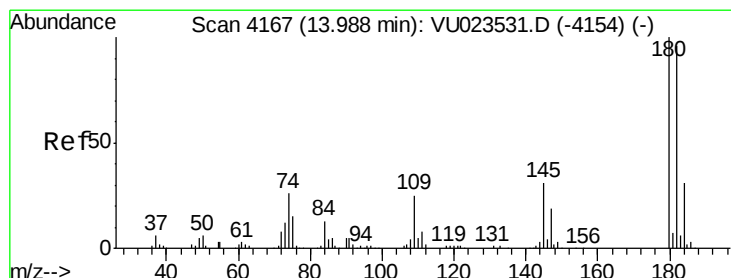
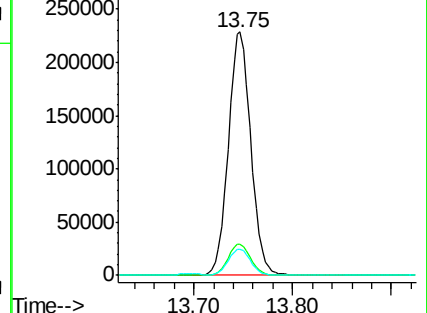
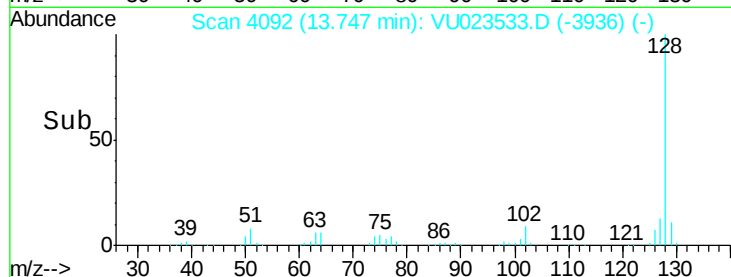
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 11.06 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU023533.D

Acq: 30 Apr 2018 17:46

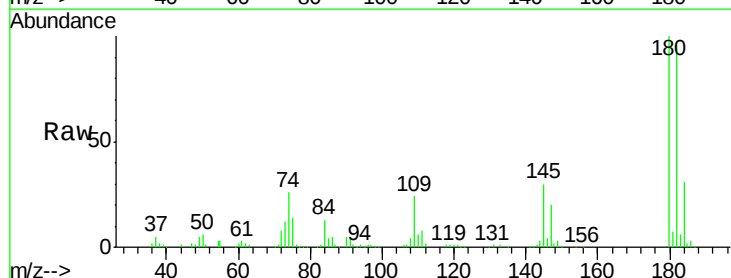
Tgt Ion:180 Resp: 200377

Ion Ratio Lower Upper

180 100

182 96.8 76.8 115.2

145 30.7 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

