

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
 Data File : VU029875.D
 Acq On : 08 Mar 2019 09:07
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Quant Time: Mar 08 21:42:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	65013	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	25638	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	28197	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	204888	9.418 ug/l	99
3) Chloromethane	1.33	50	178460	9.213 ug/l	99
4) Vinyl Chloride	1.40	62	205941	9.450 ug/l	99
5) Bromomethane	1.62	94	123762	8.317 ug/l	100
6) Chloroethane	1.69	64	124462	9.525 ug/l	96
7) Trichlorofluoromethane	1.88	101	282717	9.520 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	164057	9.496 ug/l	98
9) 1,1-Dichloroethene	2.28	96	156550	9.258 ug/l	95
10) Iodomethane	2.41	142	165040	8.807 ug/l	99
11) Allyl Chloride	2.59	41	224492	9.443 ug/l	99
12) Acrylonitrile	2.93	53	69048	18.726 ug/l	99
13) Acetone	2.32	43	151171	49.501 ug/l	97
14) Carbon Disulfide	2.47	76	491079	8.967 ug/l	99
15) Methylene Chloride	2.69	84	180673	8.904 ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	176402	9.234 ug/l	100
17) 1,1-Dichloroethane	3.44	63	310786	9.723 ug/l	99
18) 2-Butanone	4.27	43	212971	51.315 ug/l	98
19) Cyclohexane	4.99	56	214883	8.659 ug/l	99
20) Methylcyclohexane	6.41	83	295531	10.225 ug/l	100
21) 2,2-Dichloropropane	4.22	77	259488	9.932 ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	198850	9.822 ug/l	99
23) Diethyl Ether	2.10	59	118294	9.330 ug/l	98
24) tert-Butyl Alcohol	2.83	59	125735	96.142 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	404855	9.507 ug/l	100
26) Bromochloromethane	4.54	128	88476	9.844 ug/l	99
27) Chloroform	4.67	83	317627	9.814 ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	269624	9.825 ug/l	100
29) 1,1-Dichloropropene	5.13	75	237273	9.730 ug/l	98
30) Carbon Tetrachloride	5.13	117	238504	9.962 ug/l	98
31) Isopropyl Ether	3.57	45	438412	9.945 ug/l	100
32) Ethyl-t-butyl ether	4.07	59	426717	9.958 ug/l	100
33) Tert-Amyl methyl ether	5.58	73	405168	10.225 ug/l	99
34) Propionitrile	4.33	54	62015	50.233 ug/l	97
35) Benzene	5.38	78	713414	9.931 ug/l	99
36) 1,2-Dichloroethane	5.40	62	188505	9.607 ug/l	100
37) Trichloroethene	6.18	130	203604	9.707 ug/l	99
38) 1,2-Dichloropropane	6.43	63	180749	9.940 ug/l	100
39) Methacrylonitrile	4.54	41	51836	9.982 ug/l	98
40) Methyl acrylate	4.42	55	83335	10.152 ug/l	99
41) Tetrahydrofuran	4.65	42	51534	18.973 ug/l	99
42) 1-Chlorobutane	5.06	56	310660	9.971 ug/l	97

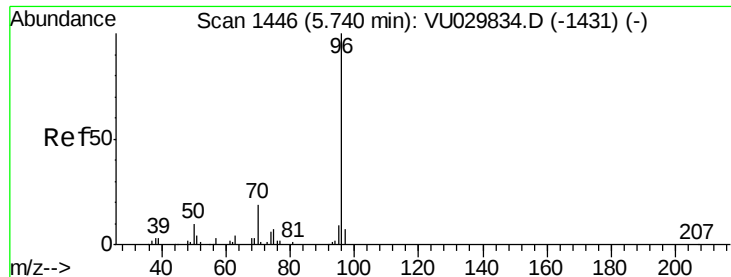
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
 Data File : VU029875.D
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Quant Time: Mar 08 21:42:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	93010	9.869	ug/l	99
44) Bromodichloromethane	6.75	83	225877	9.759	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	500306	50.900	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	105156	25.590	ug/l	86
47) Methyl methacrylate	6.62	69	170321	21.060	ug/l	99
48) Ethyl methacrylate	8.02	69	168428	10.869	ug/l	99
49) Toluene	7.63	92	446408	10.119	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	209369	10.322	ug/l	97
51) cis-1,3-Dichloropropene	7.26	75	257364	10.249	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	138413	9.922	ug/l	97
53) 1,3-Dichloropropane	8.24	76	223381	9.763	ug/l	100
54) 2-Hexanone	8.36	43	361493	52.955	ug/l	100
55) Dibromochloromethane	8.47	129	167167	10.097	ug/l	99
56) 1,2-Dibromoethane	8.58	107	130208	9.844	ug/l	100
58) Tetrachloroethene	8.22	164	210942	9.846	ug/l	98
59) Chlorobenzene	9.12	112	506234	9.985	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	180082	9.901	ug/l	100
61) Pentachloroethane	11.10	117	123337	9.740	ug/l	99
62) Hexachloroethane	12.14	117	140359	10.537	ug/l	97
63) Ethyl Benzene	9.24	91	861137	10.368	ug/l	99
64) m/p-Xylenes	9.37	106	691908	21.073	ug/l	99
65) o-Xylene	9.77	106	330582	10.483	ug/l	99
66) Styrene	9.79	104	559605	10.682	ug/l	99
67) Bromoform	9.95	173	101334	10.421	ug/l	100
69) Isopropylbenzene	10.16	105	879116	10.513	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	165960	9.755	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	105156	8.317	ug/l	92
72) Bromobenzene	10.45	156	223418	10.094	ug/l	98
73) n-propylbenzene	10.58	120	250775	10.668	ug/l	99
74) 2-Chlorotoluene	10.66	126	212874	10.209	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	745291	10.580	ug/l	99
76) 4-Chlorotoluene	10.77	126	223436	10.508	ug/l	98
77) tert-Butylbenzene	11.10	119	732498	10.510	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	768966	10.802	ug/l	99
79) sec-Butylbenzene	11.32	105	996746	10.791	ug/l	100
80) Nitrobenzene	12.86	77	17966	58.171	ug/l #	94
81) p-Isopropyltoluene	11.47	119	841346	10.880	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	446588	10.188	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	441274	10.302	ug/l	99
84) n-Butylbenzene	11.89	91	761593	10.809	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	412814	9.987	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	24730	10.181	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	286345	10.817	ug/l	99
88) Hexachlorobutadiene	13.69	225	169481	10.165	ug/l	98
89) Naphthalene	13.74	128	474238	9.289	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	261993	10.535	ug/l	98

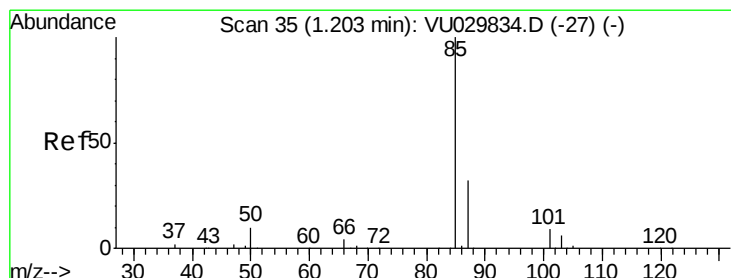
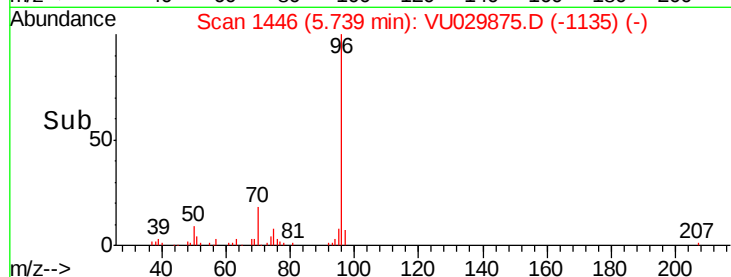
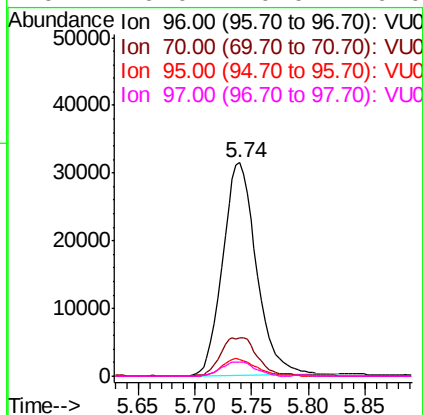
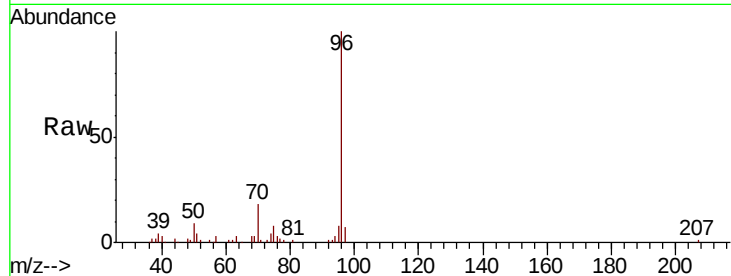
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 5.74 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

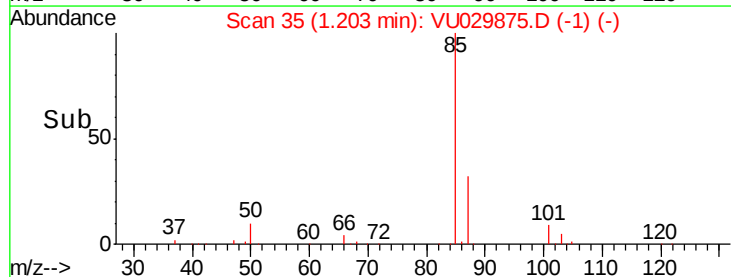
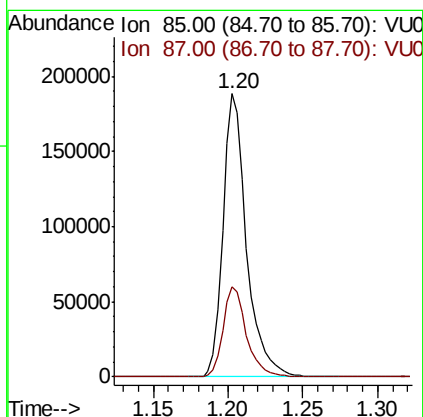
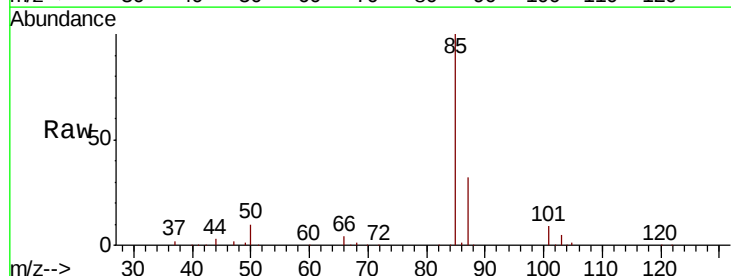
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

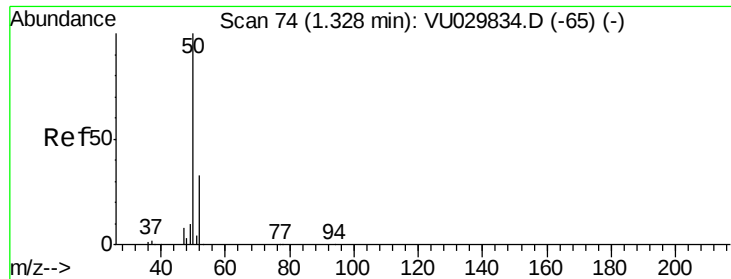
Tgt Ion:	96	Resp:	65013
Ion	Ratio	Lower	Upper
96	100		
70	19.4	14.4	21.6
95	8.5	7.0	10.6
97	0.0	0.0	0.0



#2
 Dichlorodifluoromethane
 Concen: 9.418 ug/l
 RT: 1.20 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion:	85	Resp:	204888
Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.2	48.6





#3

Chloromethane

Concen: 9.213 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

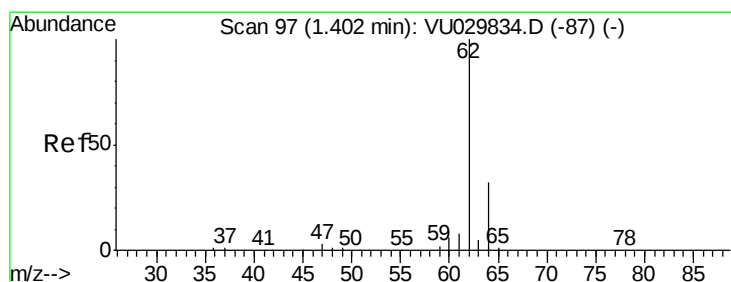
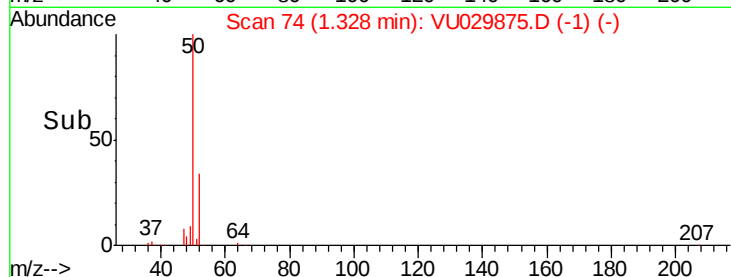
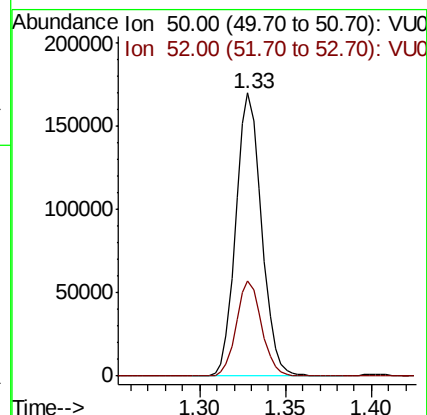
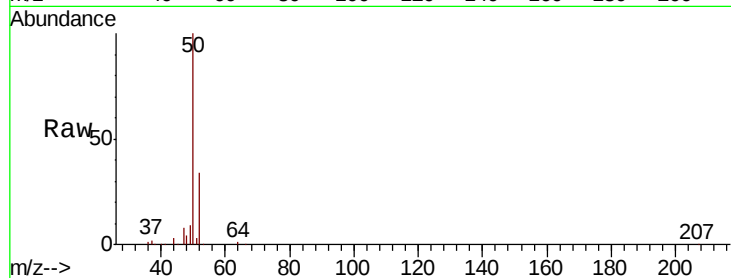
BFB

Tgt Ion: 50 Resp: 178460

Ion Ratio Lower Upper

50 100

52 33.6 26.5 39.7



#4

Vinyl Chloride

Concen: 9.450 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029875.D

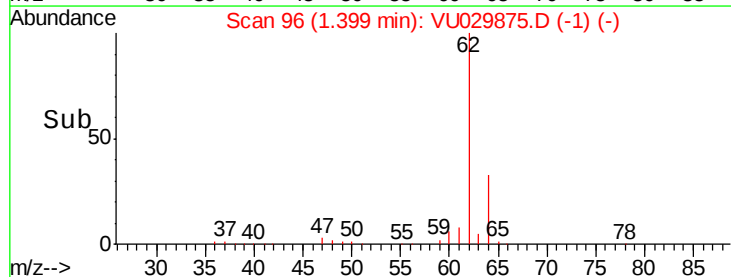
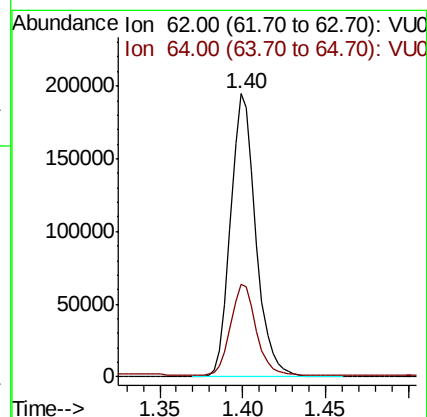
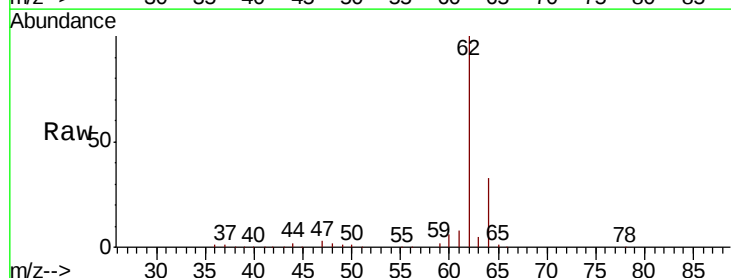
Acq: 08 Mar 2019 09:07

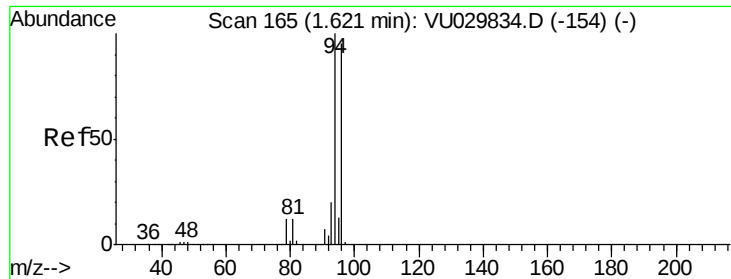
Tgt Ion: 62 Resp: 205941

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 8.317 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

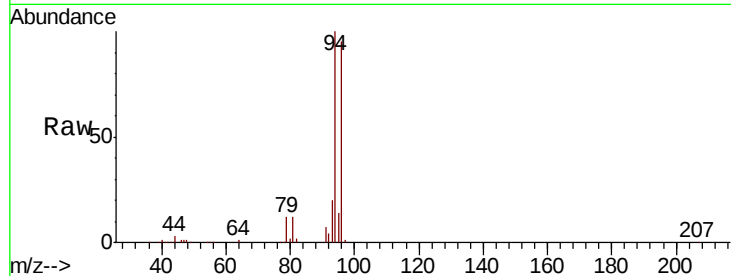
BFB

Tgt Ion: 94 Resp: 123762

Ion Ratio Lower Upper

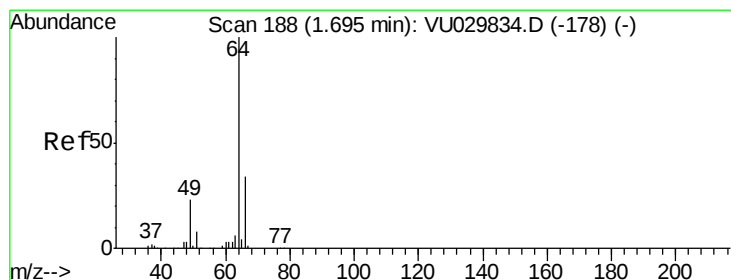
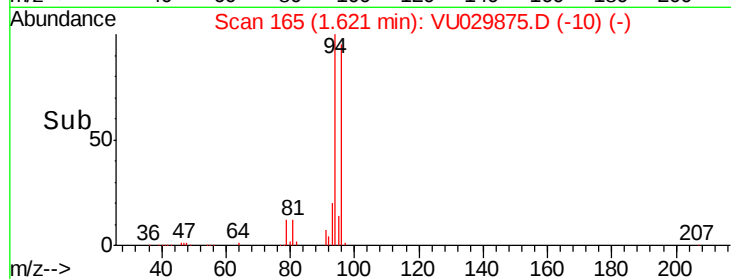
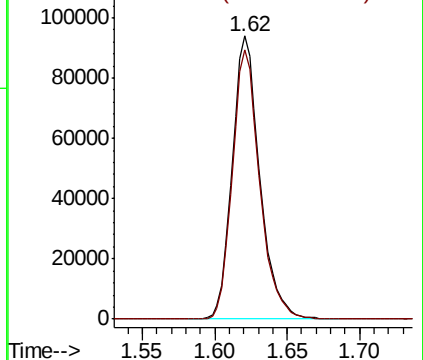
94 100

96 95.2 76.4 114.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.525 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU029875.D

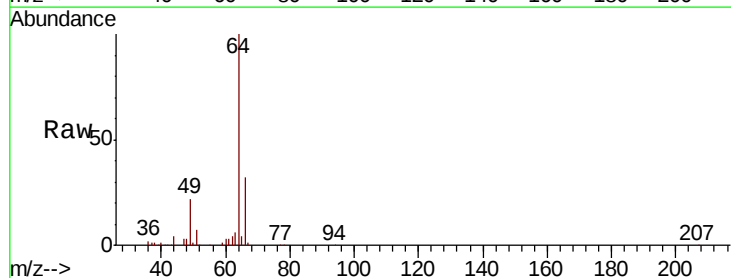
Acq: 08 Mar 2019 09:07

Tgt Ion: 64 Resp: 124462

Ion Ratio Lower Upper

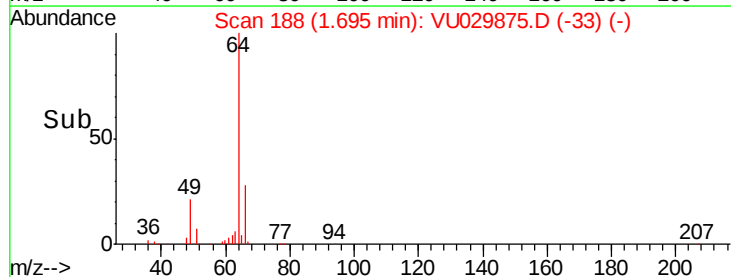
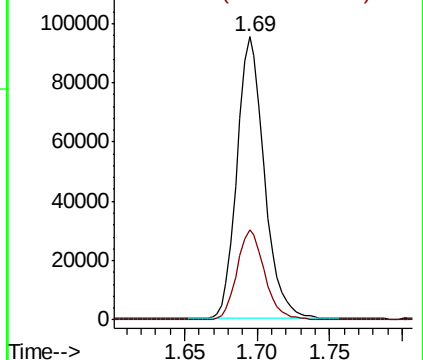
64 100

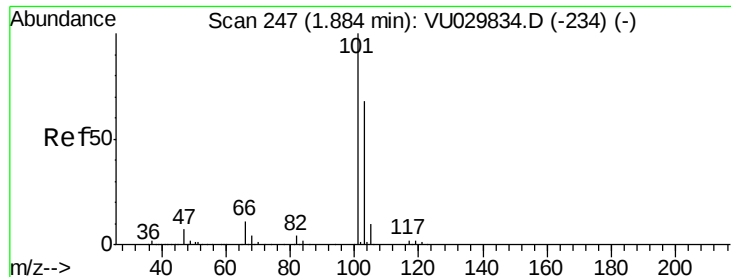
66 31.8 27.3 40.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



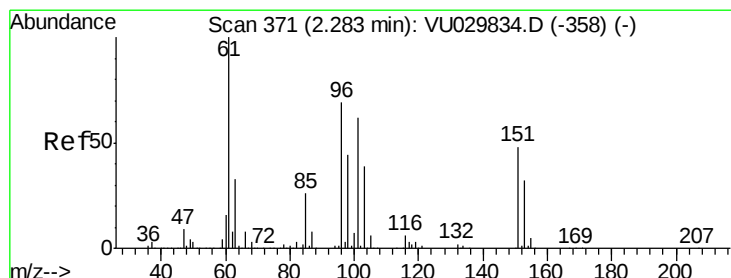
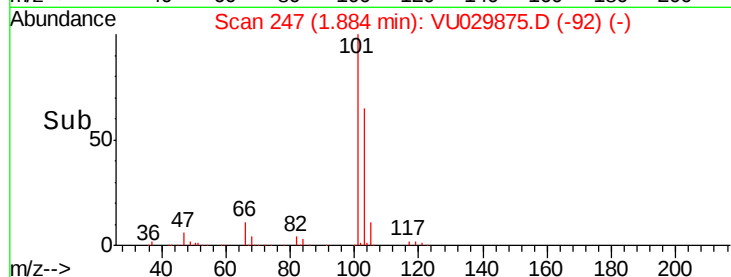
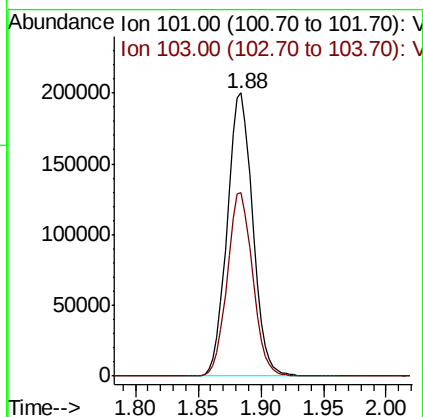
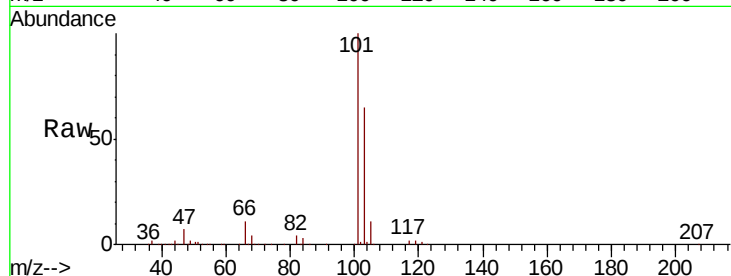


#7

Trichlorofluoromethane
 Concen: 9.520 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampled :
 BFB

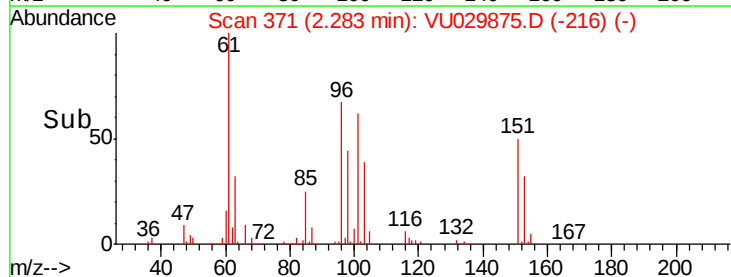
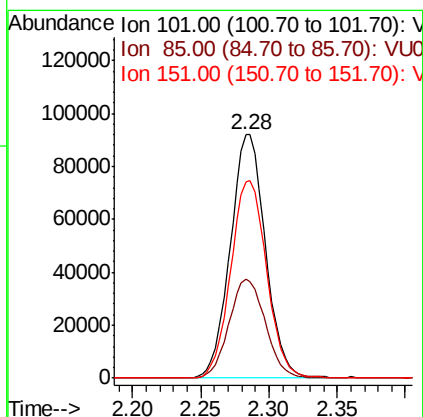
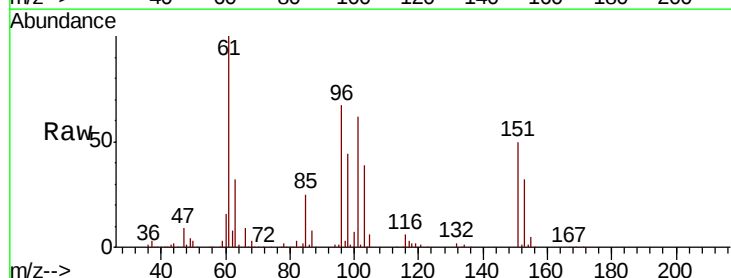
Tgt Ion:101 Resp: 282717
 Ion Ratio Lower Upper
 101 100
 103 64.8 54.2 81.2

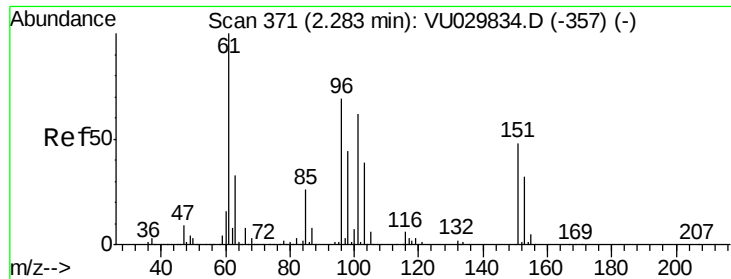


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.496 ug/l
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion:101 Resp: 164057
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.4 50.0
 151 82.8 64.6 97.0





#9

1,1-Dichloroethene

Concen: 9.258 ug/l

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampled :

BFB

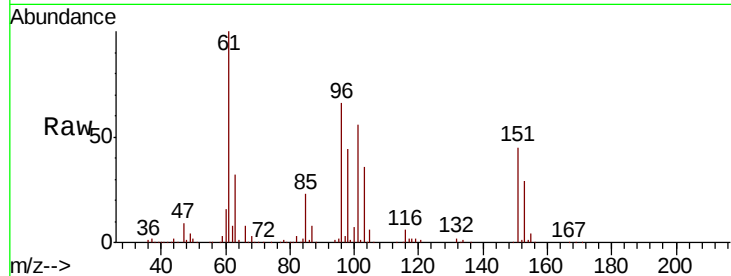
Tgt Ion: 96 Resp: 156550

Ion Ratio Lower Upper

96 100

61 151.9 0.0 435.3

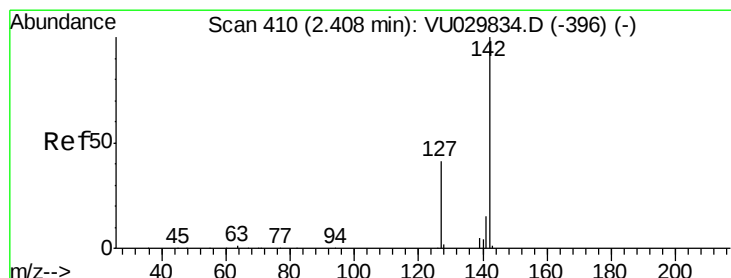
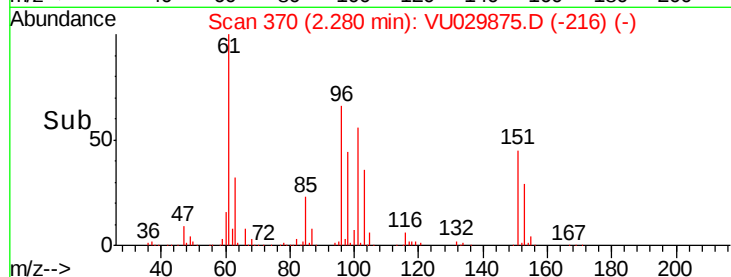
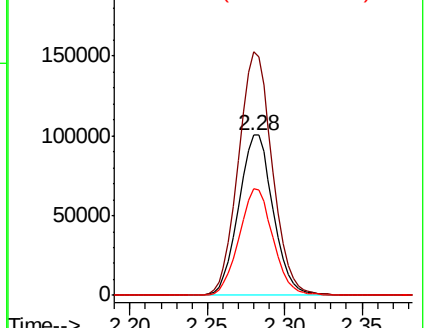
98 66.3 0.0 128.6



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



#10

Iodomethane

Concen: 8.807 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029875.D

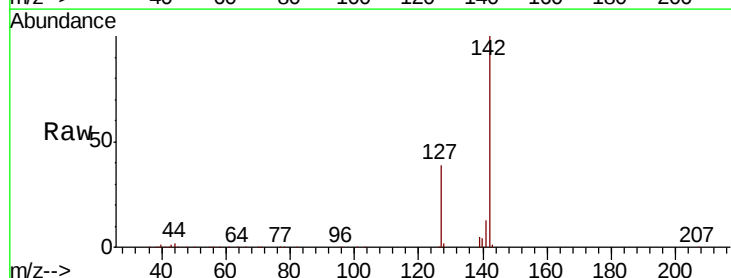
Acq: 08 Mar 2019 09:07

Tgt Ion: 142 Resp: 165040

Ion Ratio Lower Upper

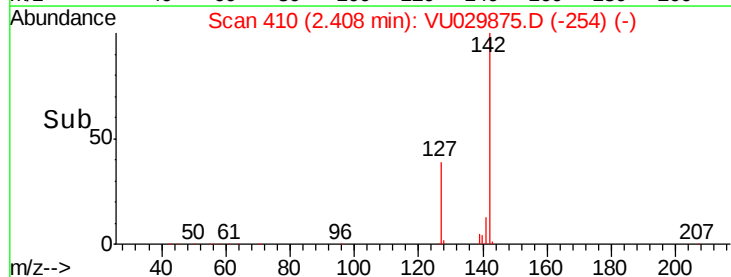
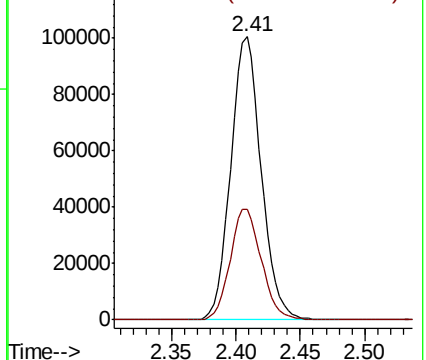
142 100

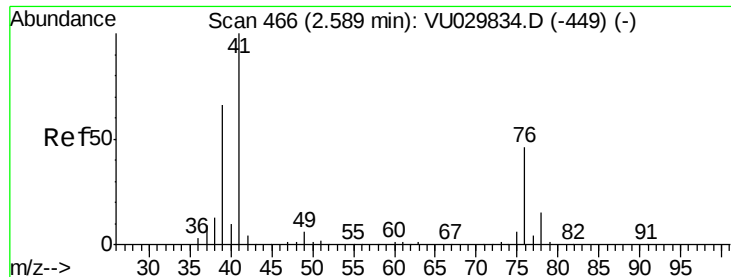
127 40.0 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

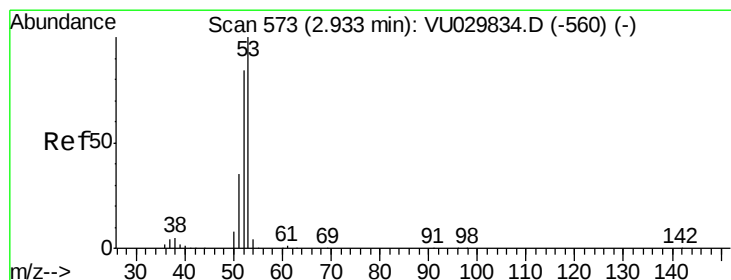
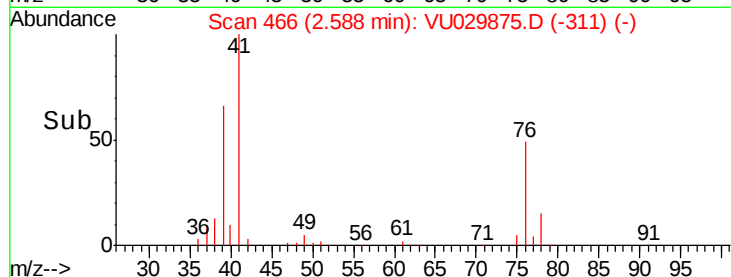
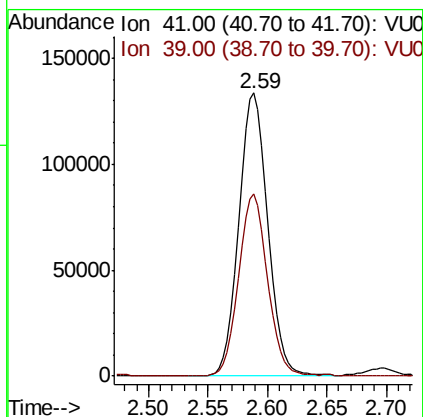
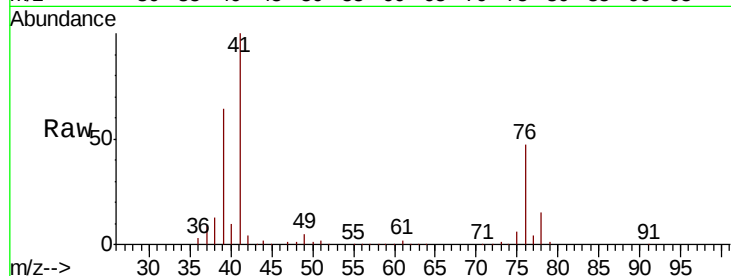




#11
 Allyl Chloride
 Concen: 9.443 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

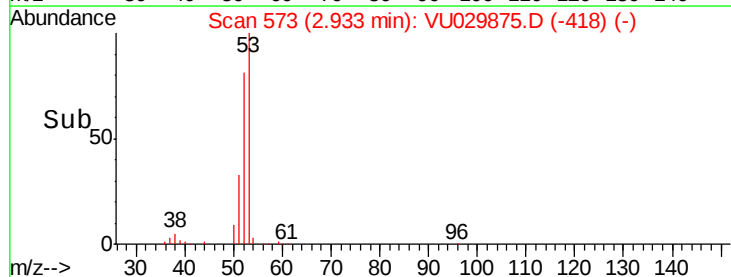
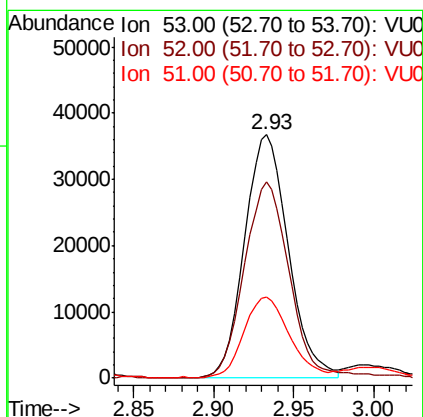
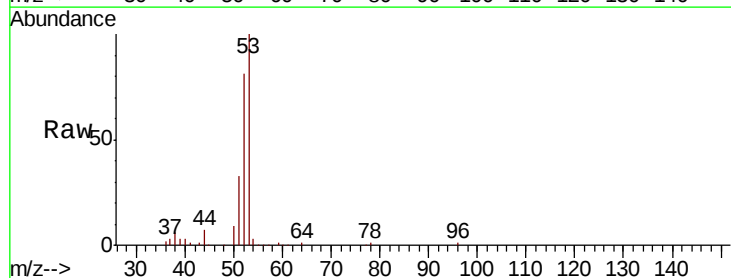
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

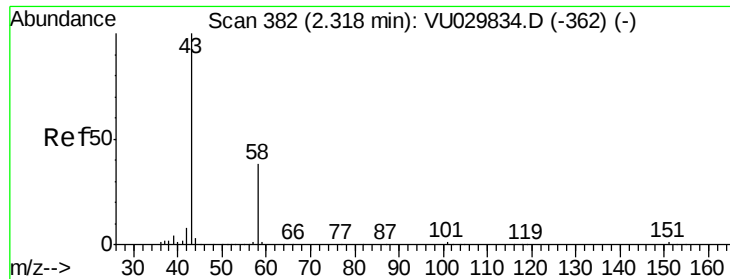
Tgt Ion: 41 Resp: 224492
 Ion Ratio Lower Upper
 41 100
 39 64.1 51.6 77.4



#12
 Acrylonitrile
 Concen: 18.726 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 53 Resp: 69048
 Ion Ratio Lower Upper
 53 100
 52 83.8 66.5 99.7
 51 34.7 28.6 42.8





#13

Acetone

Concen: 49.501 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampled :

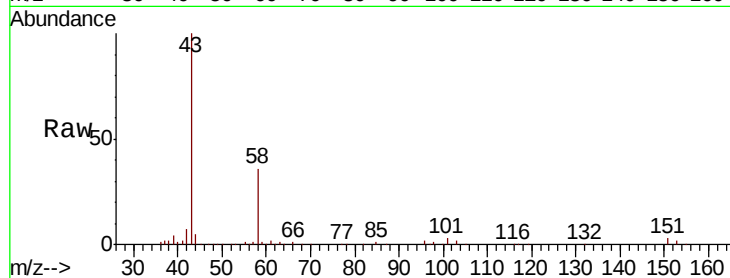
BFB

Tgt Ion: 43 Resp: 151171

Ion Ratio Lower Upper

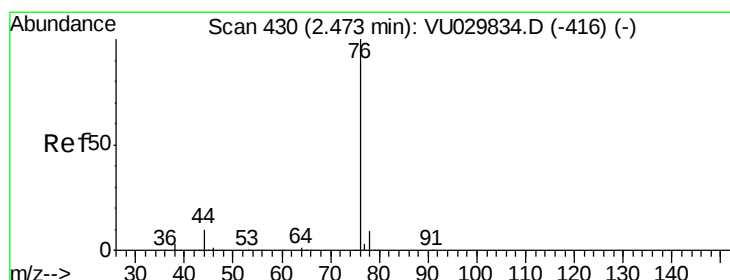
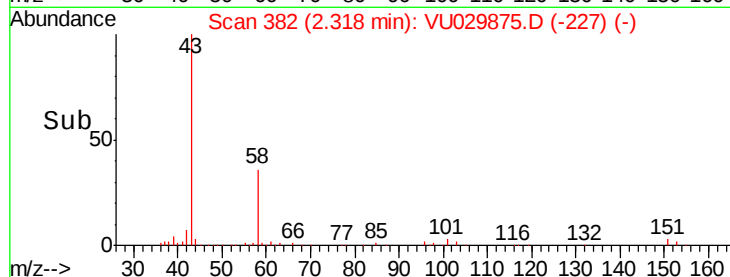
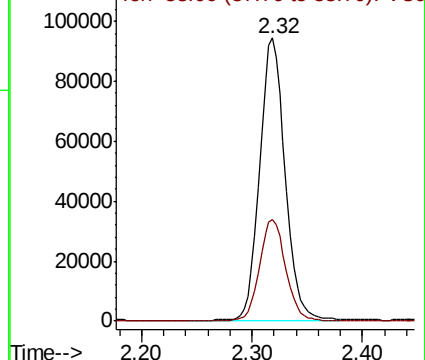
43 100

58 35.6 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 8.967 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029875.D

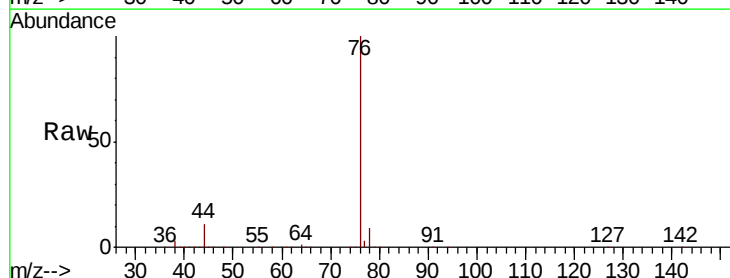
Acq: 08 Mar 2019 09:07

Tgt Ion: 76 Resp: 491079

Ion Ratio Lower Upper

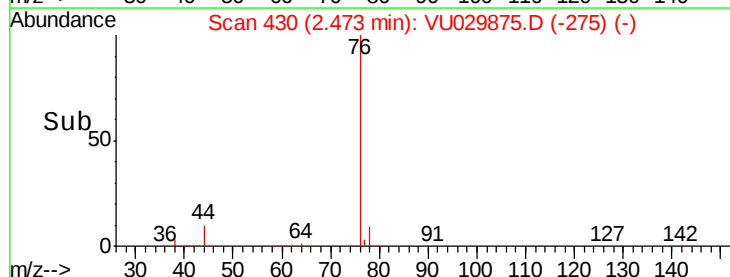
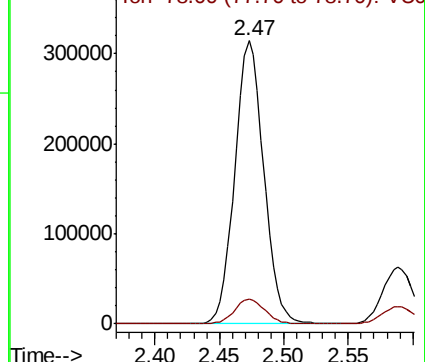
76 100

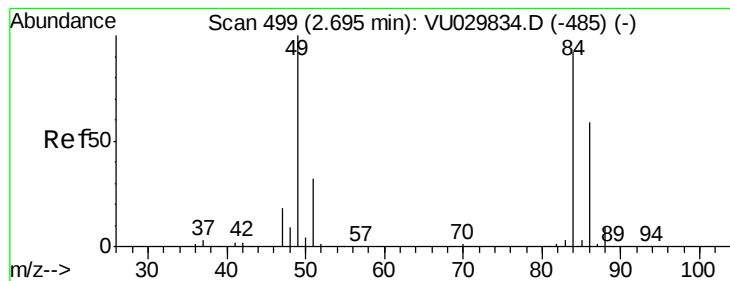
78 8.6 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methylene Chloride

Concen: 8.904 ug/l

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

BFB

Tgt Ion: 84 Resp: 180673

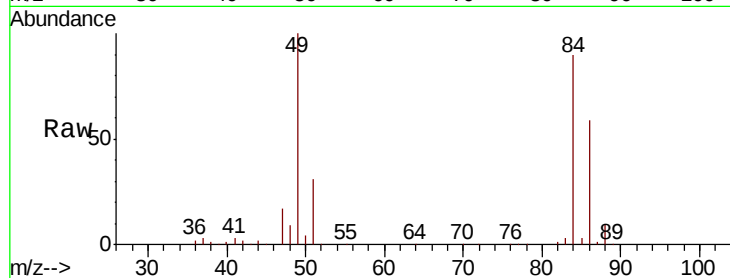
Ion Ratio Lower Upper

84 100

49 111.5 87.2 130.8

51 34.5 0.0 69.0

86 65.4 51.3 76.9

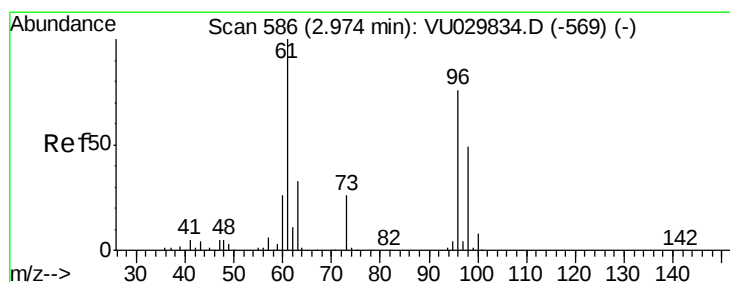
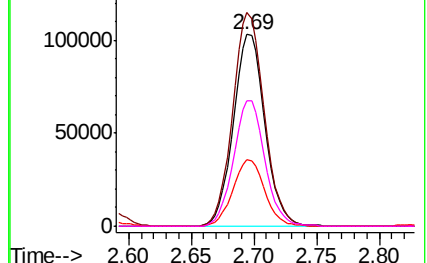
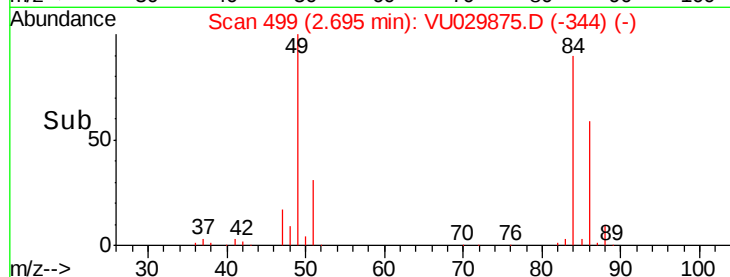


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 9.234 ug/l

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

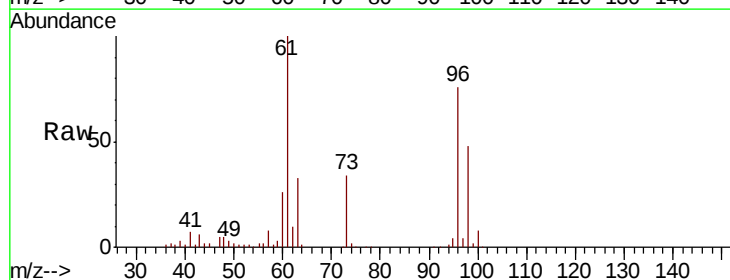
Tgt Ion: 96 Resp: 176402

Ion Ratio Lower Upper

96 100

61 130.8 104.7 157.1

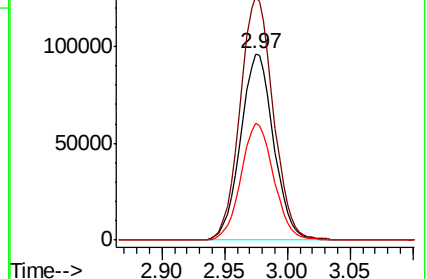
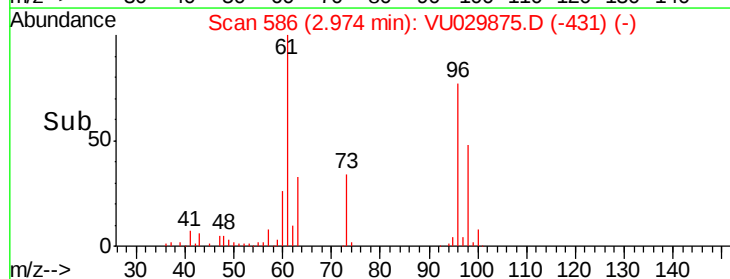
98 62.6 50.9 76.3

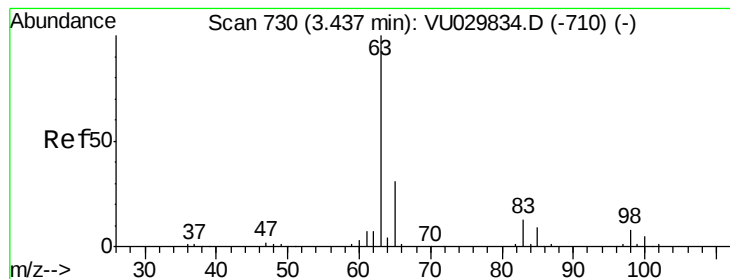


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 9.723 ug/l

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

BFB

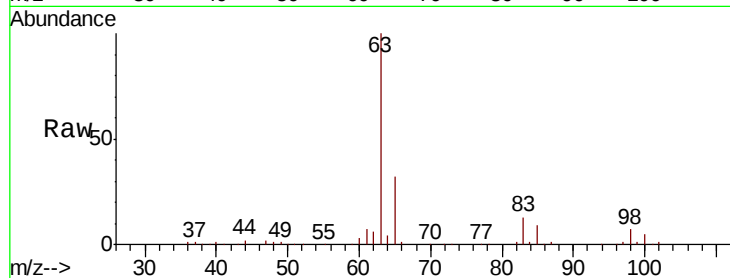
Tgt Ion: 63 Resp: 310786

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

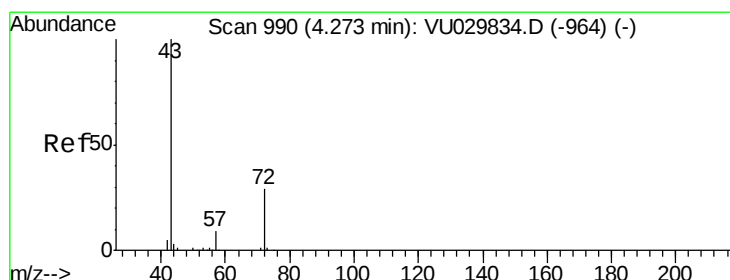
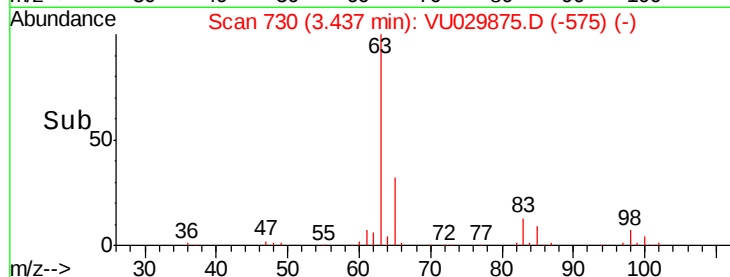
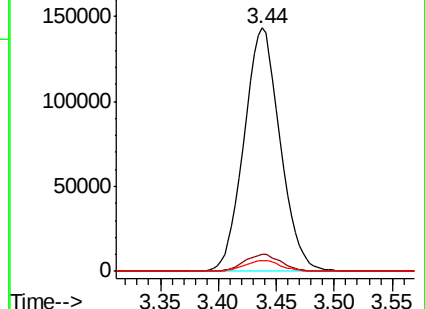
100 4.5 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-710) (-)

Ion 98.00 (97.70 to 98.70): VU029834.D (-710) (-)

Ion 100.00 (99.70 to 100.70): VU029834.D (-710) (-)



#18

2-Butanone

Concen: 51.315 ug/l

RT: 4.27 min Scan# 989

Delta R.T. -0.00 min

Lab File: VU029875.D

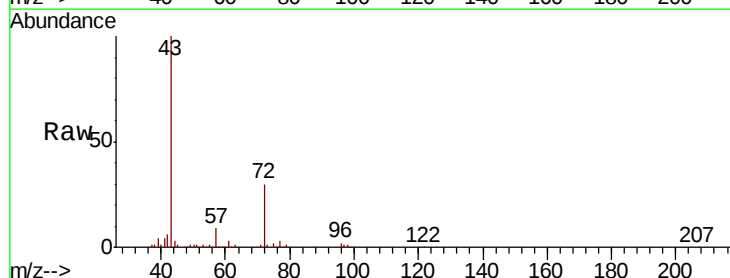
Acq: 08 Mar 2019 09:07

Tgt Ion: 43 Resp: 212971

Ion Ratio Lower Upper

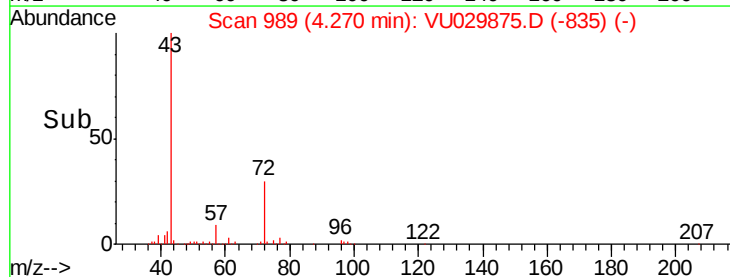
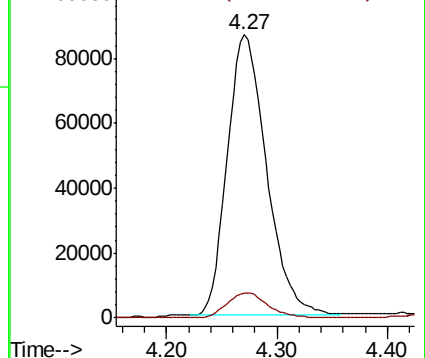
43 100

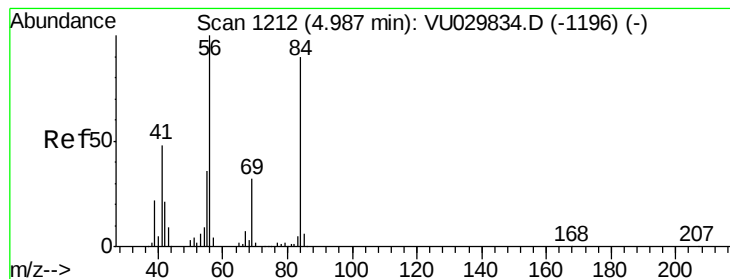
57 8.7 0.0 18.6



Abundance Ion 43.00 (42.70 to 43.70): VU029834.D (-964) (-)

Ion 57.00 (56.70 to 57.70): VU029834.D (-964) (-)





#19

Cyclohexane

Concen: 8.659 ug/l

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampled :

BFB

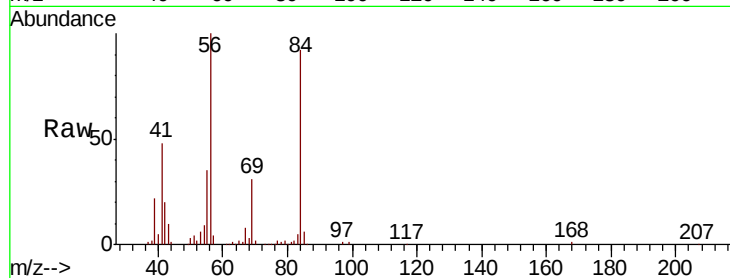
Tgt Ion: 56 Resp: 214883

Ion Ratio Lower Upper

56 100

69 36.0 29.4 44.2

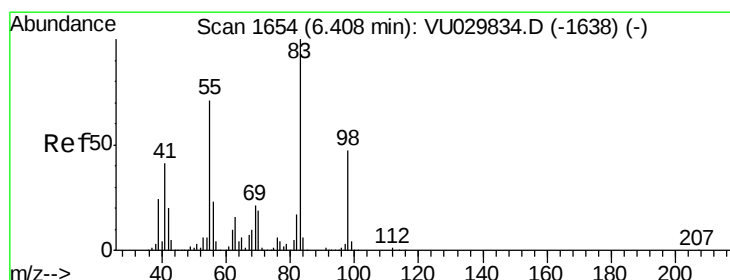
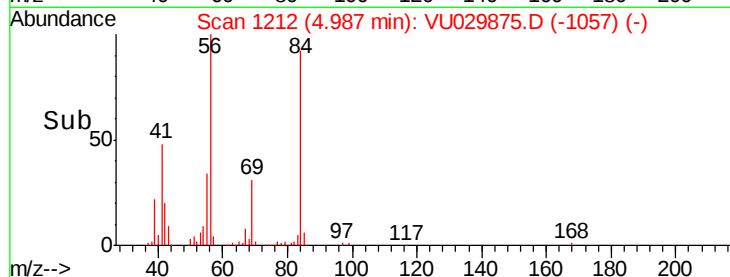
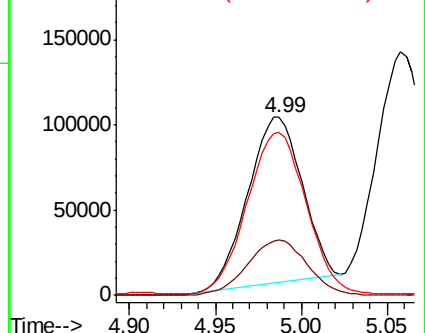
84 105.2 84.6 127.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 10.225 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

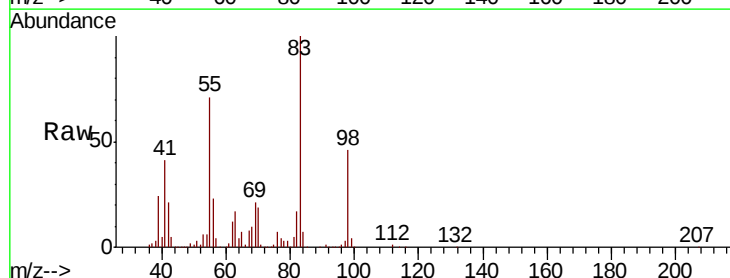
Tgt Ion: 83 Resp: 295531

Ion Ratio Lower Upper

83 100

55 70.0 55.9 83.9

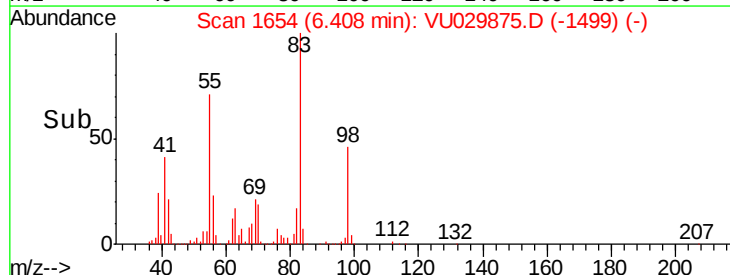
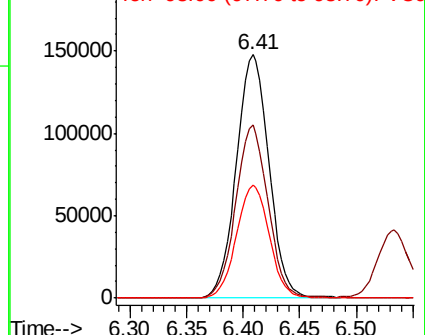
98 46.8 37.0 55.4

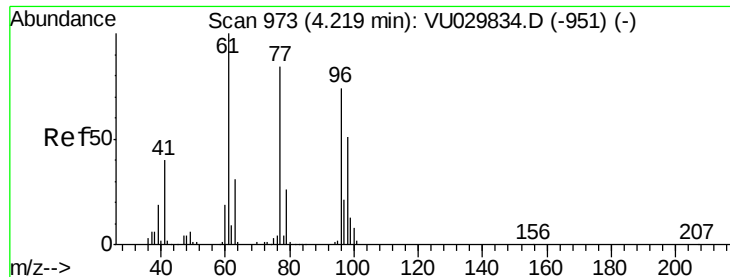


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

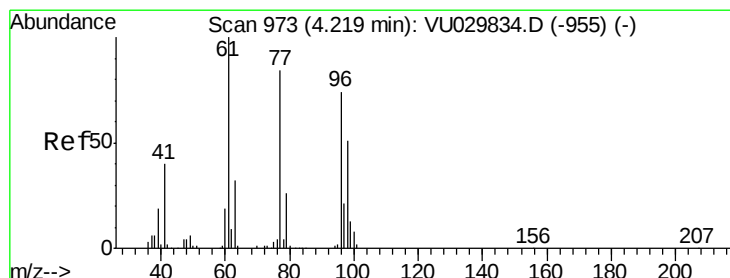
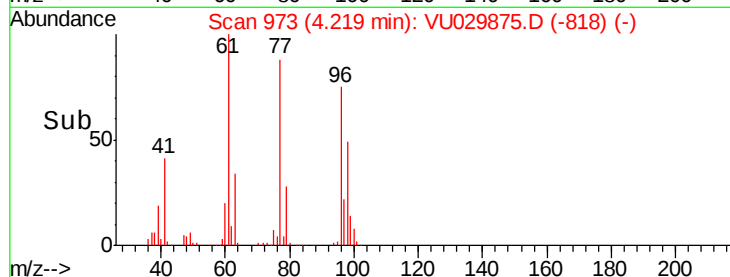
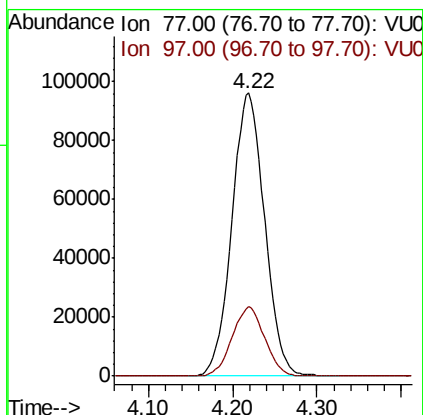
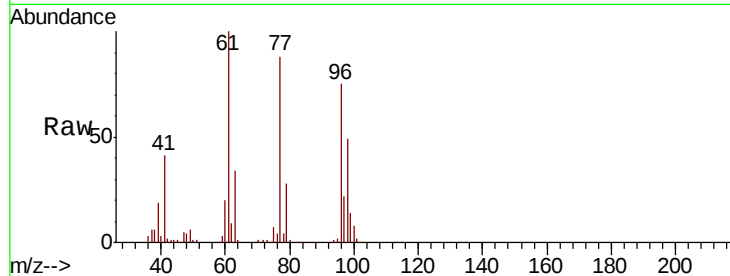




#21
 2,2-Dichloropropane
 Concen: 9.932 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

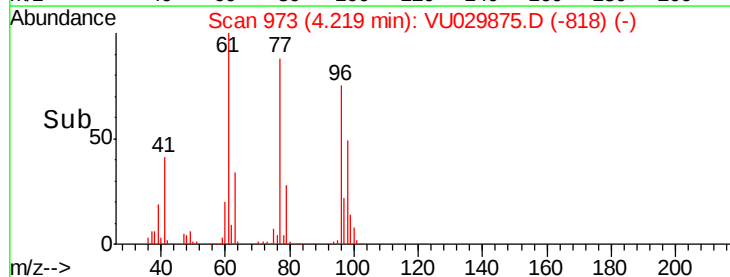
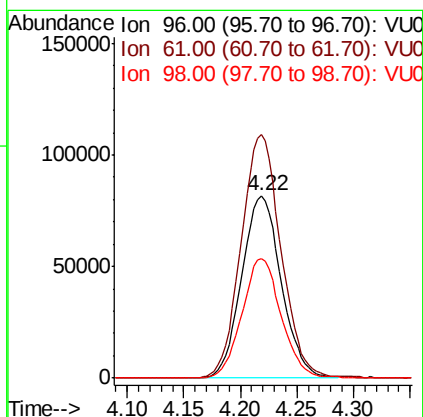
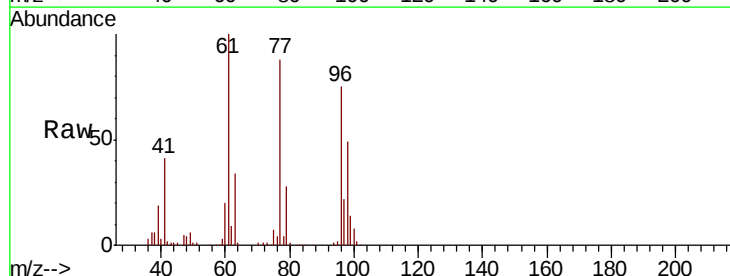
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

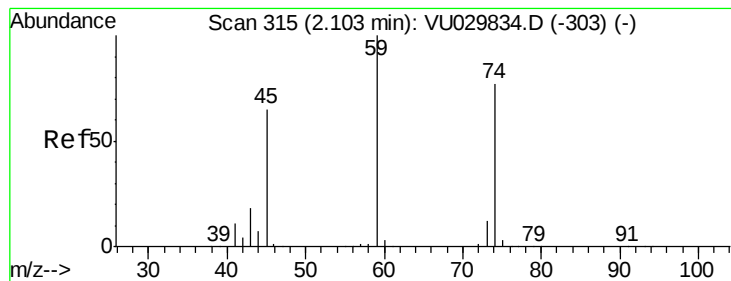
Tgt Ion: 77 Resp: 259488
 Ion Ratio Lower Upper
 77 100
 97 24.4 20.2 30.2



#22
 cis-1,2-Dichloroethene
 Concen: 9.822 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 96 Resp: 198850
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 339.0
 98 65.1 33.1 99.5





#23

Diethyl Ether

Concen: 9.330 ug/l

RT: 2.10 min Scan# 314

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampled :

BFB

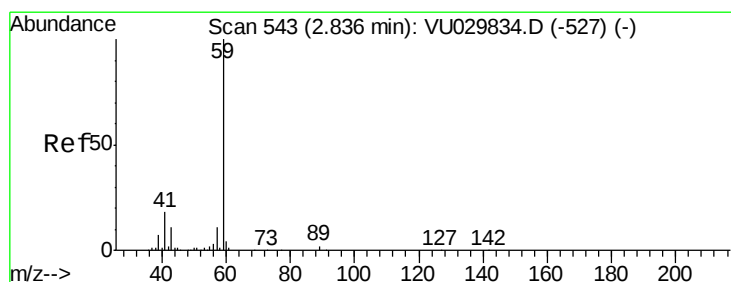
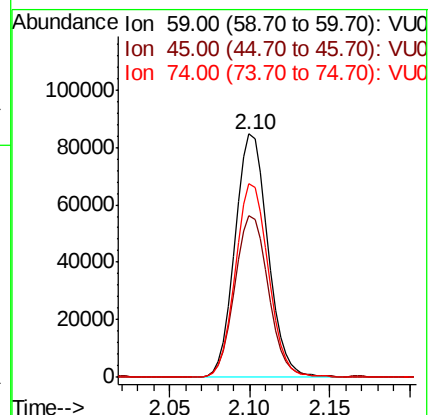
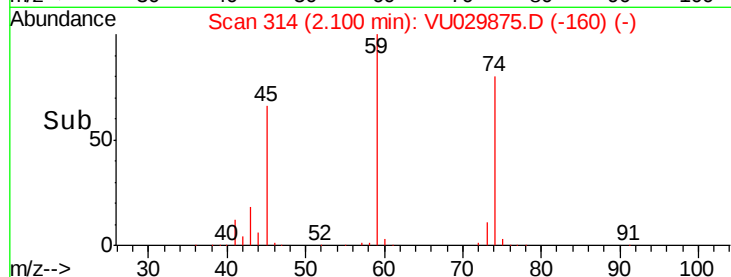
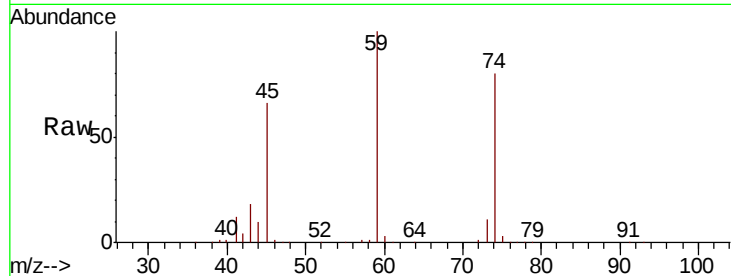
Tgt Ion: 59 Resp: 118294

Ion Ratio Lower Upper

59 100

45 67.3 52.7 79.1

74 79.7 61.8 92.6



#24

tert-Butyl Alcohol

Concen: 96.142 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU029875.D

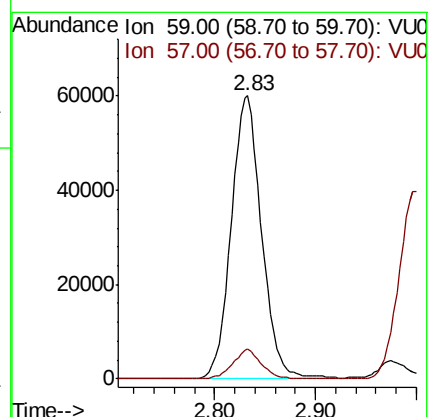
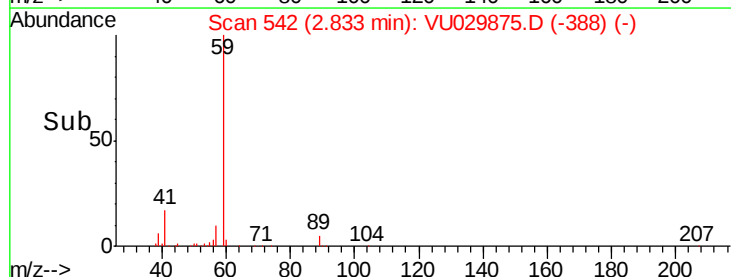
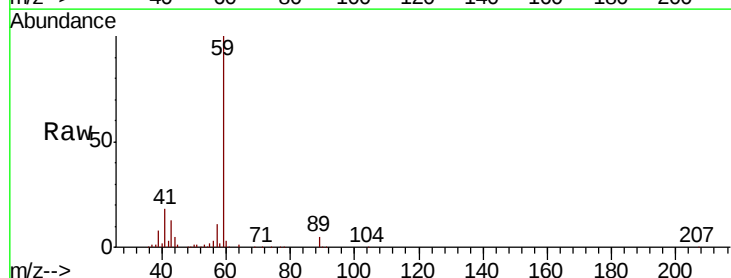
Acq: 08 Mar 2019 09:07

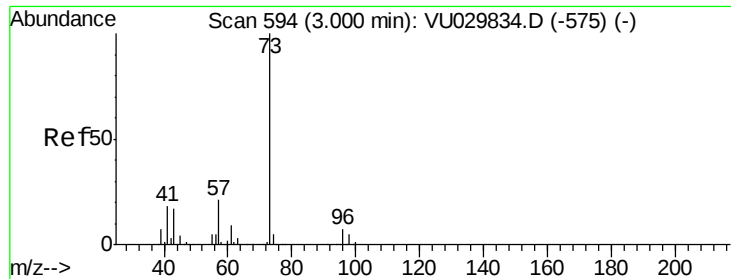
Tgt Ion: 59 Resp: 125735

Ion Ratio Lower Upper

59 100

57 9.9 8.5 12.7





#25

Methyl tert-Butyl Ether

Concen: 9.507 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

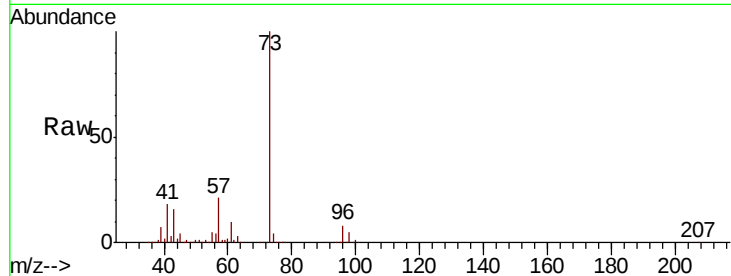
BFB

Tgt Ion: 73 Resp: 404855

Ion Ratio Lower Upper

73 100

43 16.6 13.1 19.7



Abundance Ion 73.00 (72.70 to 73.70): VU029834.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029834.D (-575) (-)

3.00

200000

150000

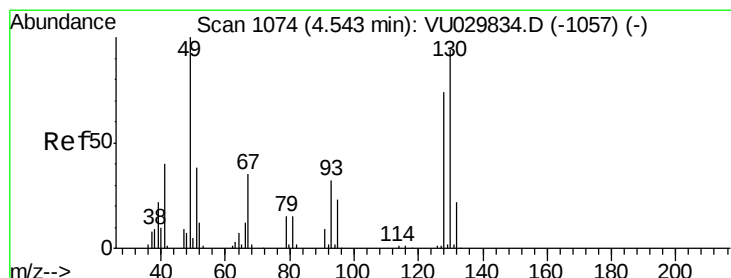
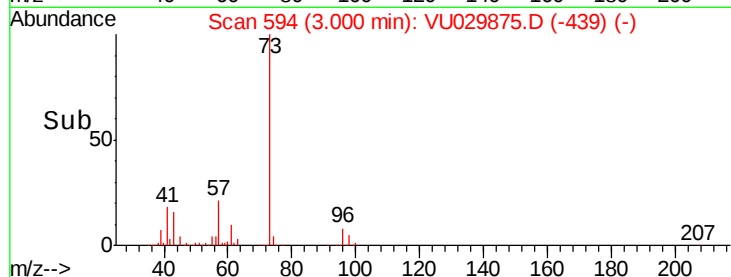
100000

50000

0

Time-->

2.90 2.95 3.00 3.05 3.10



#26

Bromochloromethane

Concen: 9.844 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

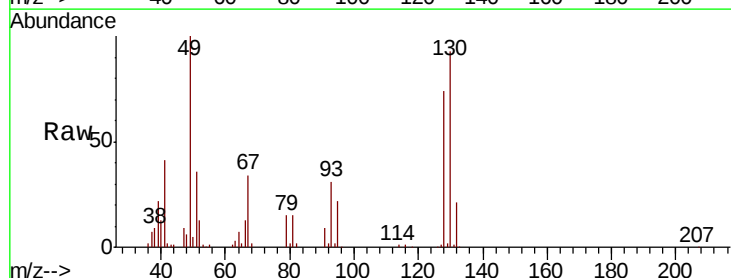
Tgt Ion: 128 Resp: 88476

Ion Ratio Lower Upper

128 100

49 133.9 0.0 270.6

130 128.3 104.2 156.4



Abundance Ion 128.00 (127.70 to 128.70): VU029834.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU029834.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU029834.D (-1057) (-)

4.54

60000

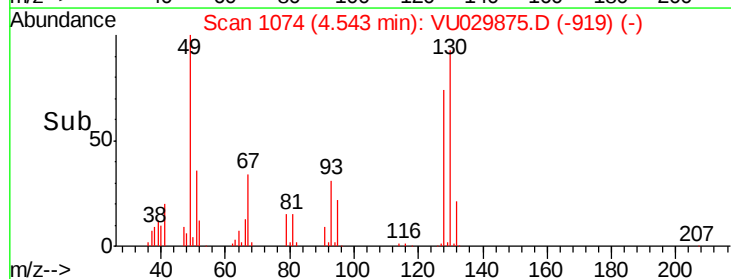
40000

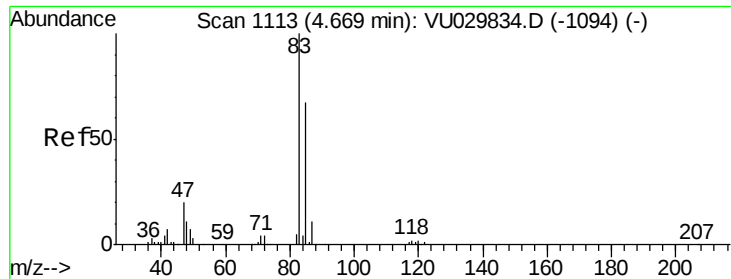
20000

0

Time-->

4.50 4.55 4.60

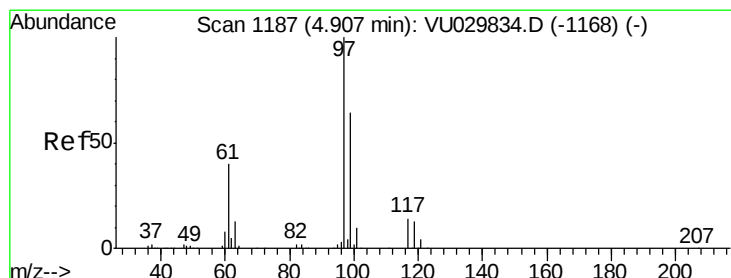
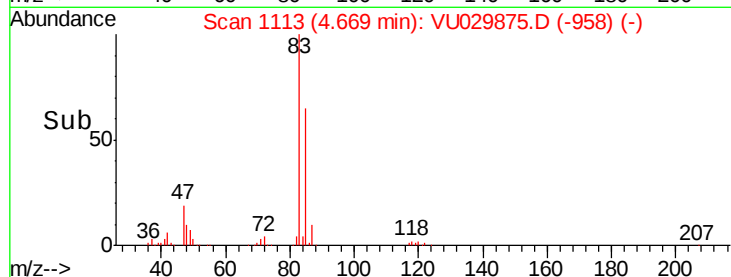
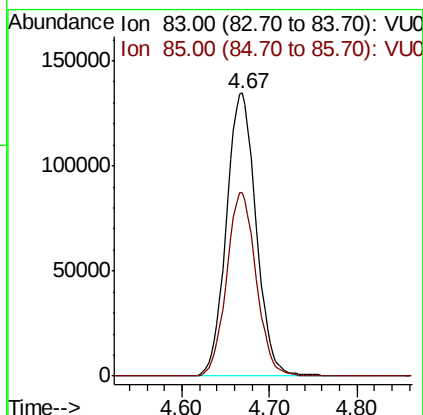
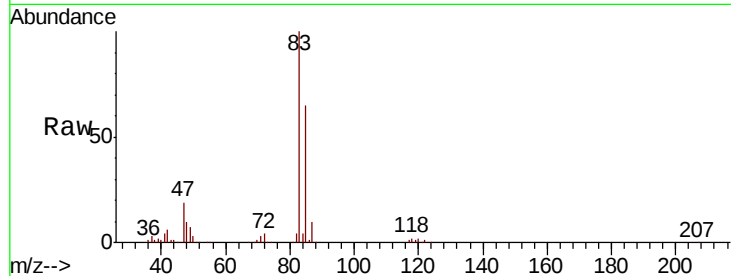




#27
Chloroform
Concen: 9.814 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

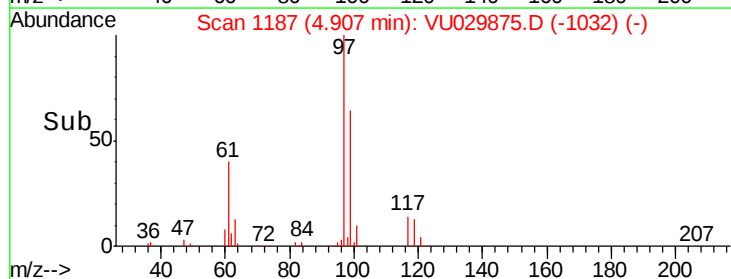
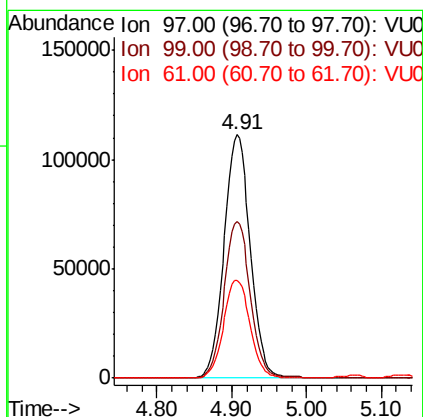
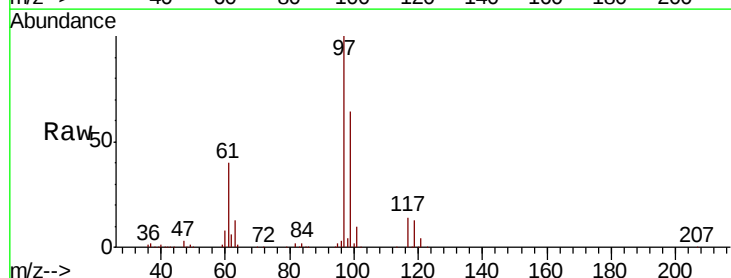
Instrument :
MSVOA_U
ClientSampled :
BFB

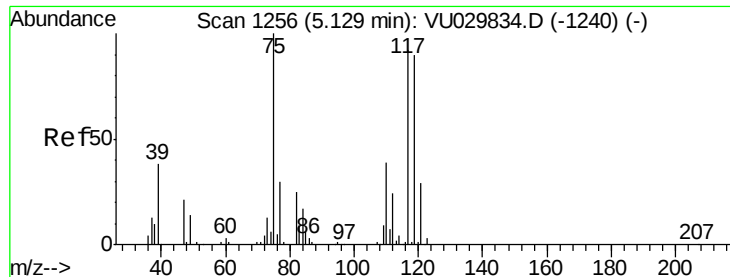
Tgt Ion: 83 Resp: 317627
Ion Ratio Lower Upper
83 100
85 64.7 0.0 133.2



#28
1,1,1-Trichloroethane
Concen: 9.825 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion: 97 Resp: 269624
Ion Ratio Lower Upper
97 100
99 64.2 31.9 95.9
61 40.8 20.4 61.3

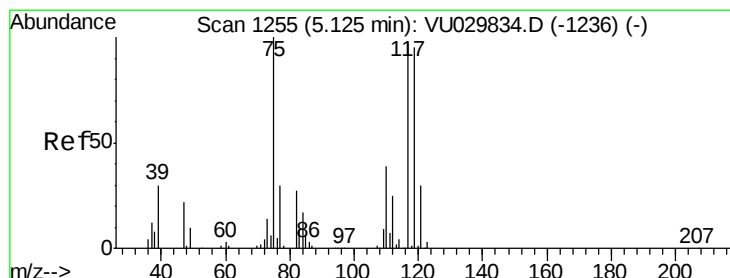
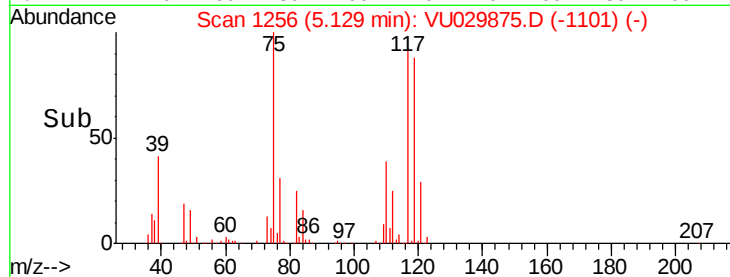
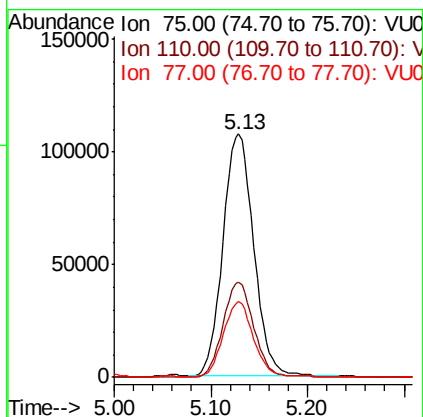
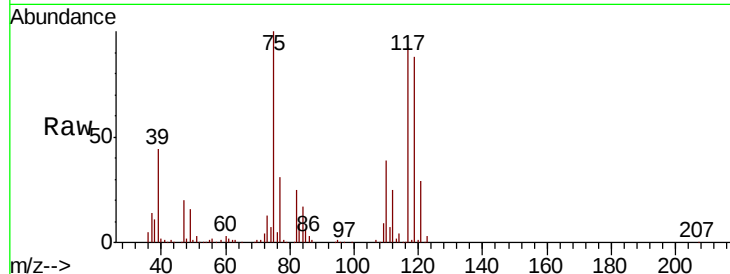




#29
 1,1-Dichloropropene
 Concen: 9.730 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

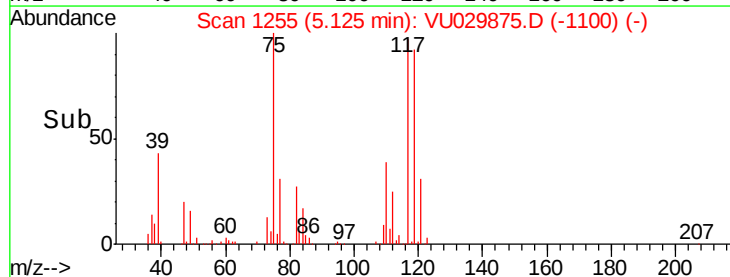
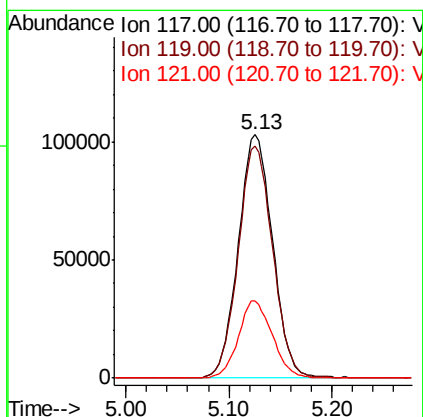
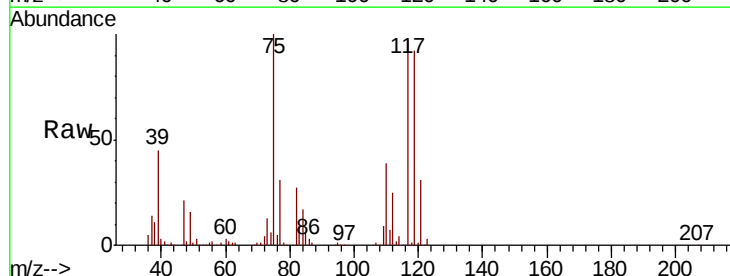
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

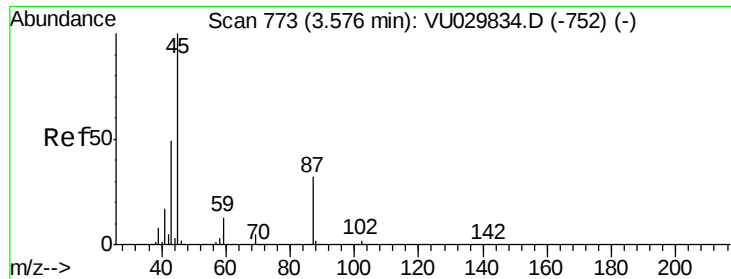
Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.1	57.5
77	30.9	23.9	35.9



#30
 Carbon Tetrachloride
 Concen: 9.962 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.4	117.6
121	31.6	25.0	37.4





#31

Isopropyl Ether

Concen: 9.945 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

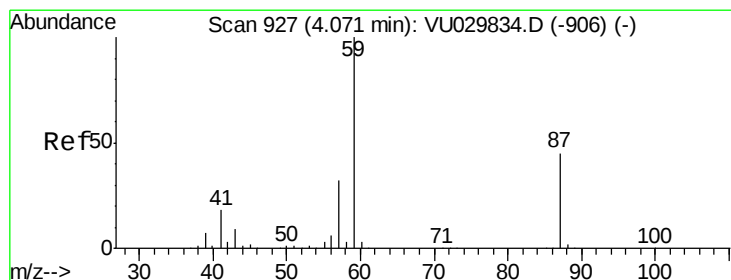
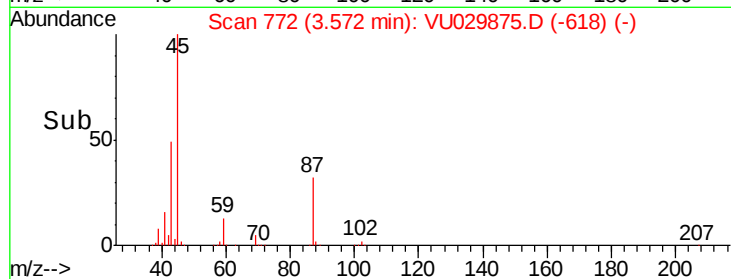
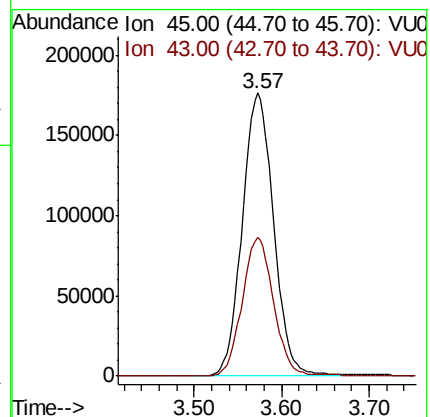
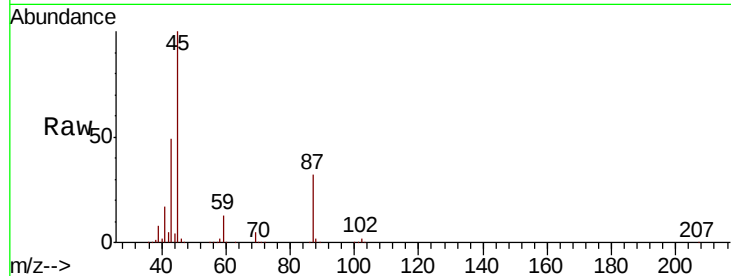
BFB

Tgt Ion: 45 Resp: 438412

Ion Ratio Lower Upper

45 100

43 48.6 24.3 72.9



#32

Ethyl-t-butyl ether

Concen: 9.958 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029875.D

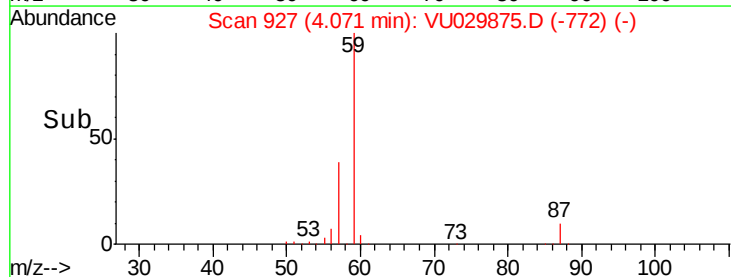
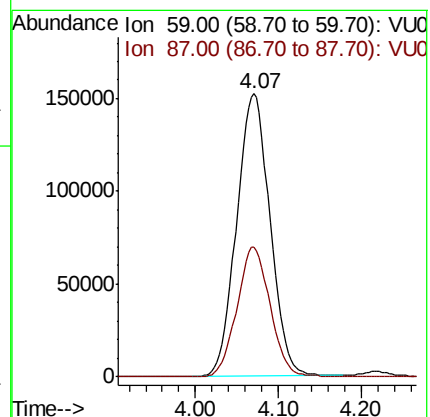
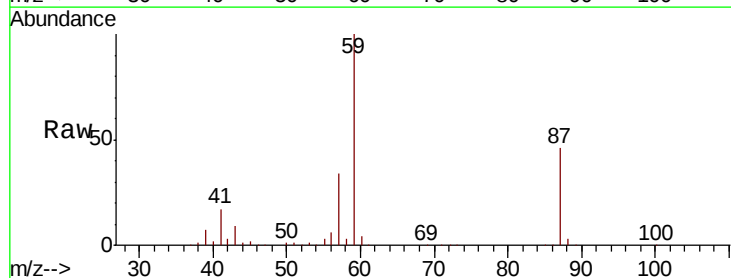
Acq: 08 Mar 2019 09:07

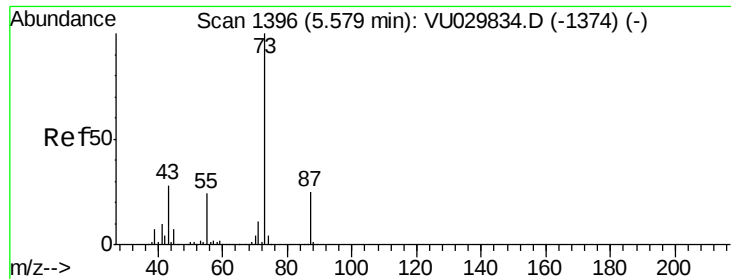
Tgt Ion: 59 Resp: 426717

Ion Ratio Lower Upper

59 100

87 45.2 36.2 54.4

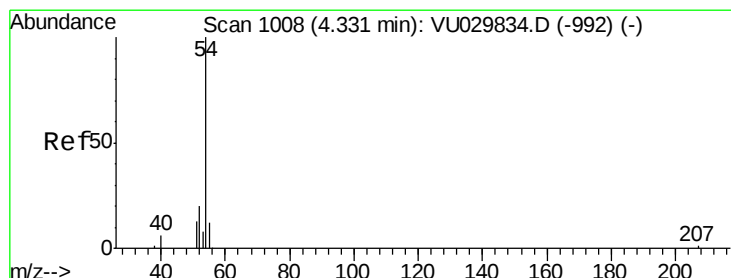
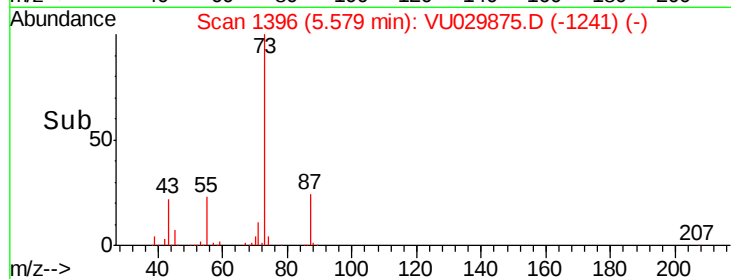
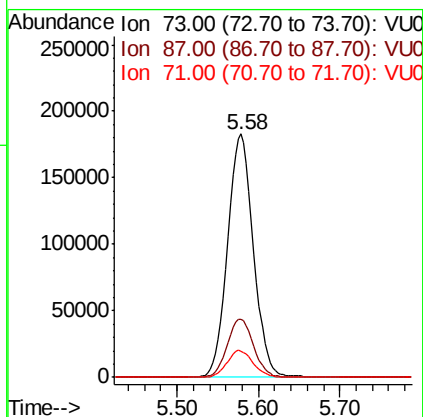
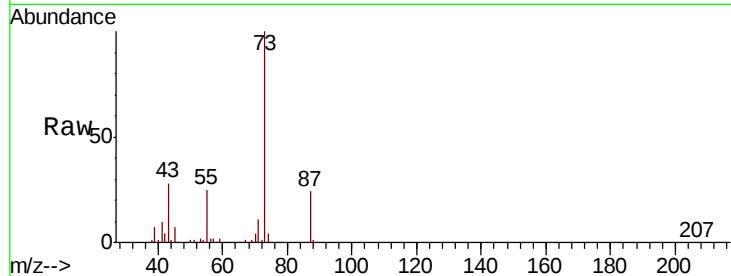




#33
Tert-Amyl methyl ether
Concen: 10.225 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

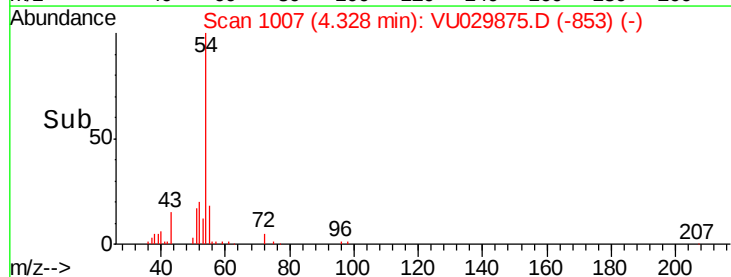
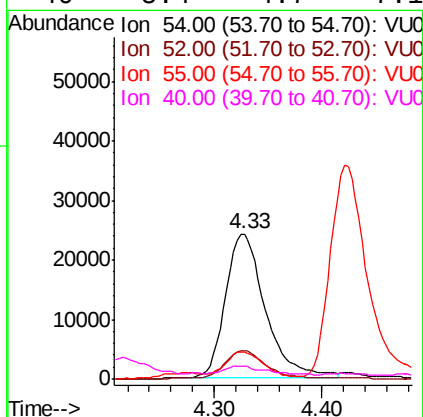
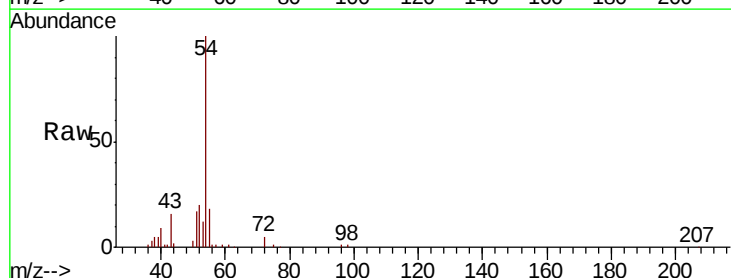
Instrument :
MSVOA_U
ClientSampleId :
BFB

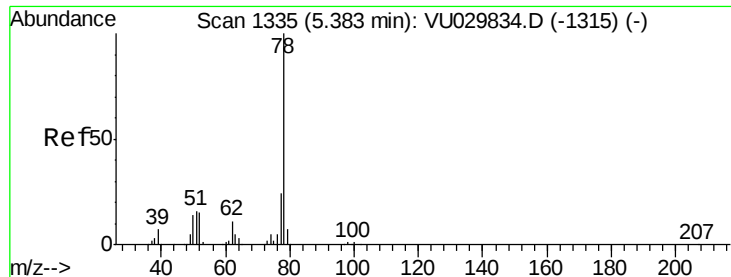
Tgt Ion: 73 Resp: 405168
Ion Ratio Lower Upper
73 100
87 24.5 19.7 29.5
71 11.2 9.4 14.2



#34
Propionitrile
Concen: 50.233 ug/l
RT: 4.33 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion: 54 Resp: 62015
Ion Ratio Lower Upper
54 100
52 20.8 16.1 24.1
55 15.7 11.2 16.8
40 5.4 4.7 7.1





#35

Benzene

Concen: 9.931 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

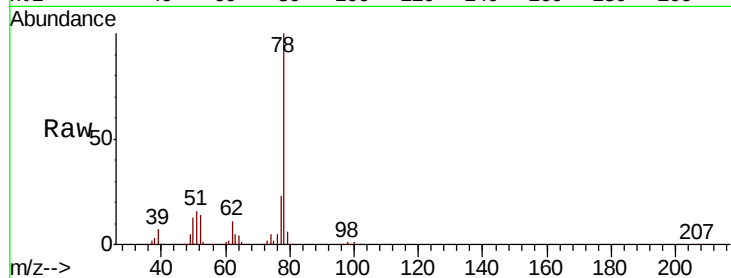
BFB

Tgt Ion: 78 Resp: 713414

Ion Ratio Lower Upper

78 100

77 23.5 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.38

300000

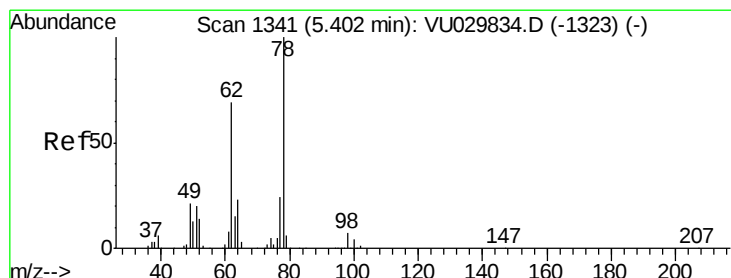
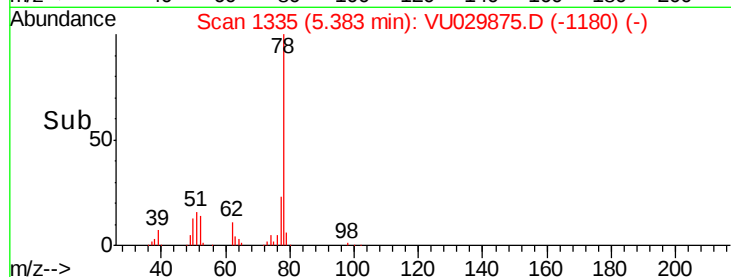
200000

100000

0

Time-->

5.30 5.40 5.50 5.60



#36

1,2-Dichloroethane

Concen: 9.607 ug/l

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU029875.D

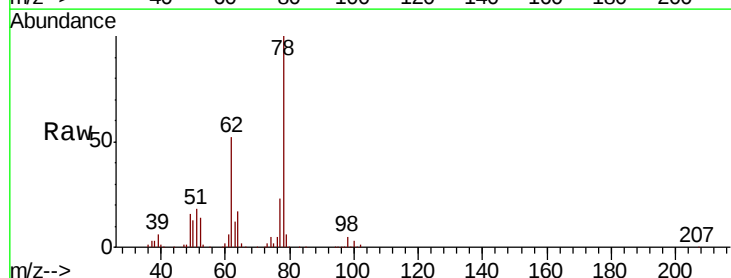
Acq: 08 Mar 2019 09:07

Tgt Ion: 62 Resp: 188505

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.40

100000

80000

60000

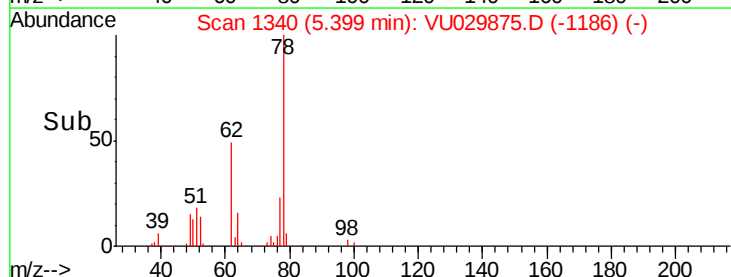
40000

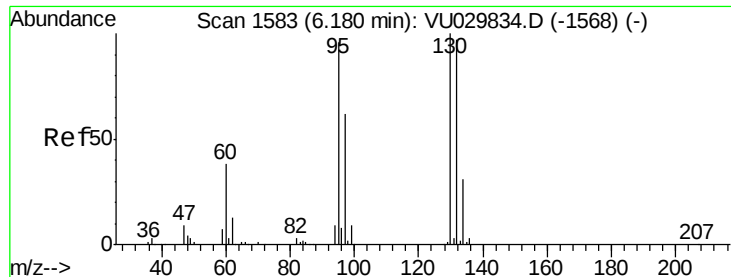
20000

0

Time-->

5.30 5.35 5.40 5.45 5.50

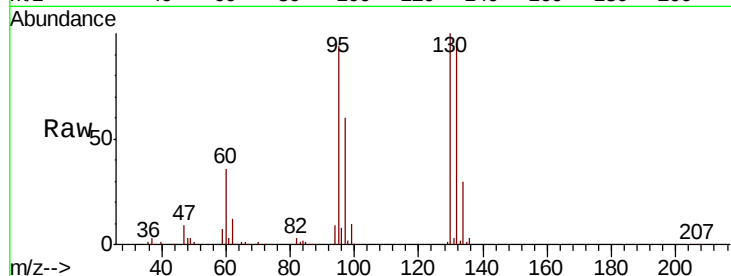




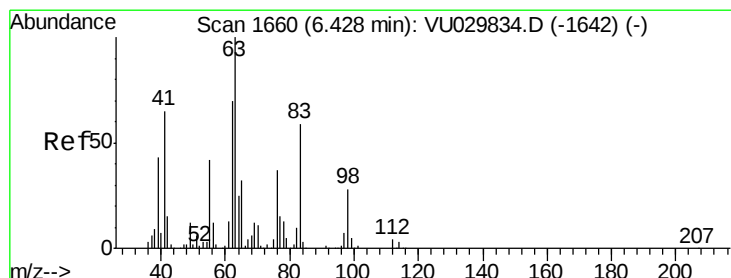
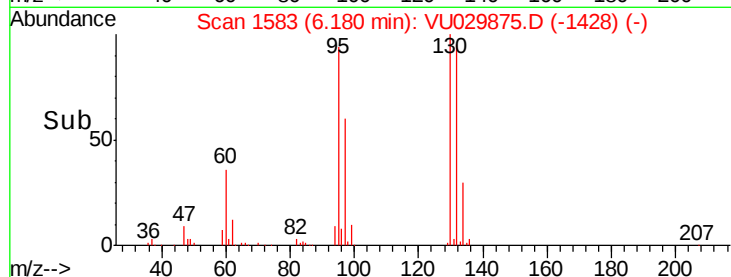
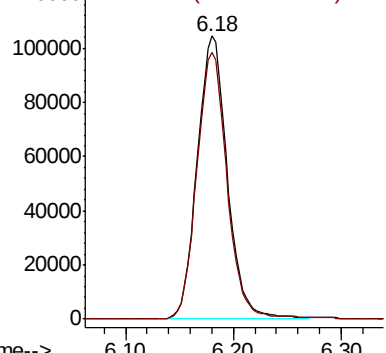
#37
 Trichloroethene
 Concen: 9.707 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:130 Resp: 203604
 Ion Ratio Lower Upper
 130 100
 95 94.3 76.6 114.8

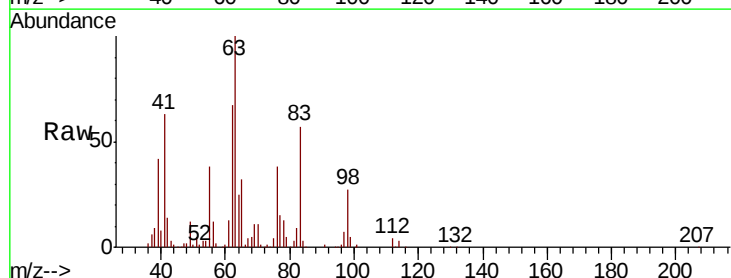


Abundance Ion 129.90 (129.60 to 130.60): VU029834.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU029875.D (-1428) (-)

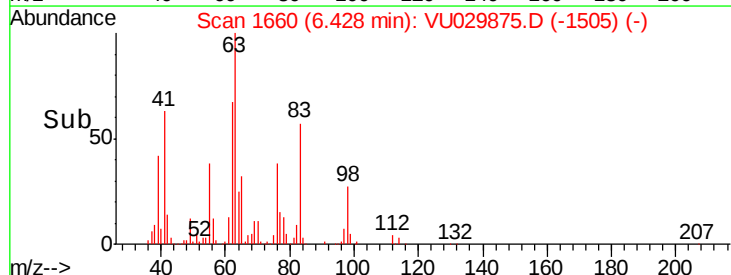
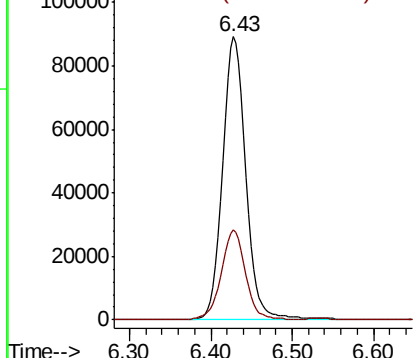


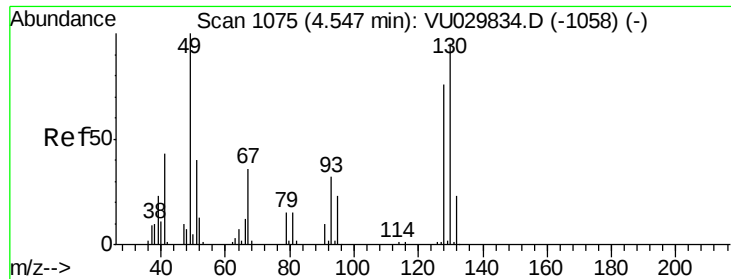
#38
 1,2-Dichloropropane
 Concen: 9.940 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 63 Resp: 180749
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-1642) (-)
 Ion 65.00 (64.70 to 65.70): VU029875.D (-1505) (-)

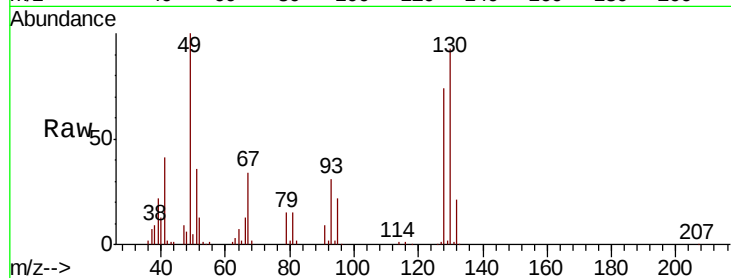




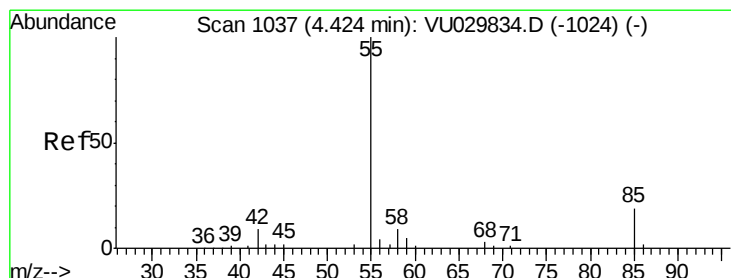
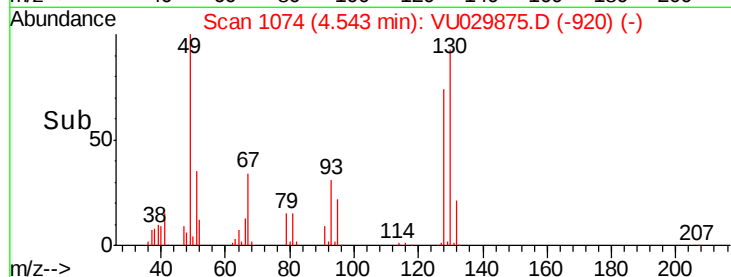
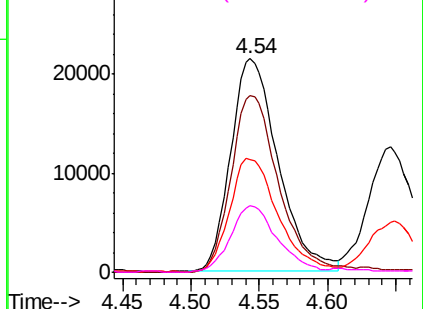
#39
Methacrylonitrile
Concen: 9.982 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:	41	Resp:	51836
Ion	Ratio	Lower	Upper
41	100		
67	83.7	68.4	102.6
39	55.0	42.6	63.8
52	31.0	26.2	39.4

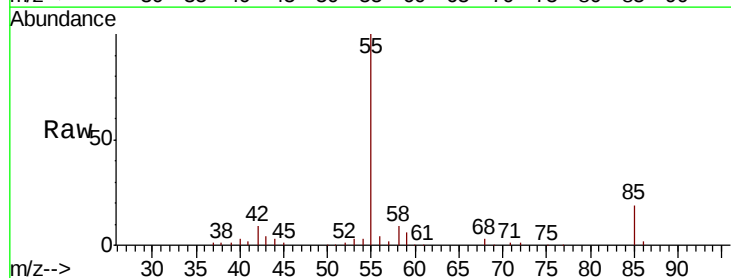


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

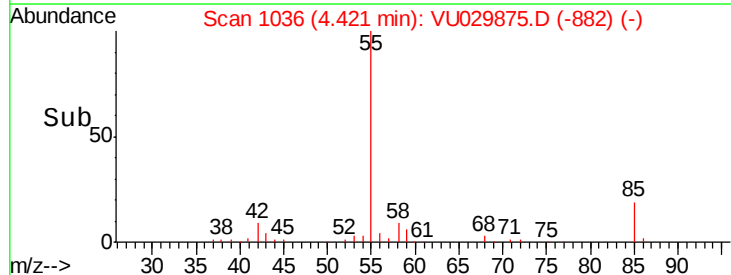
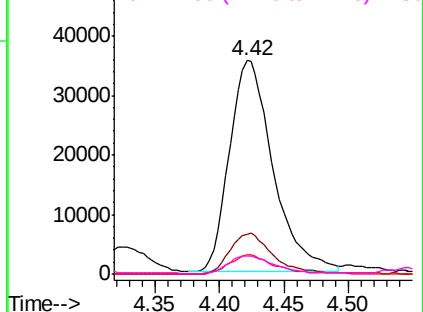


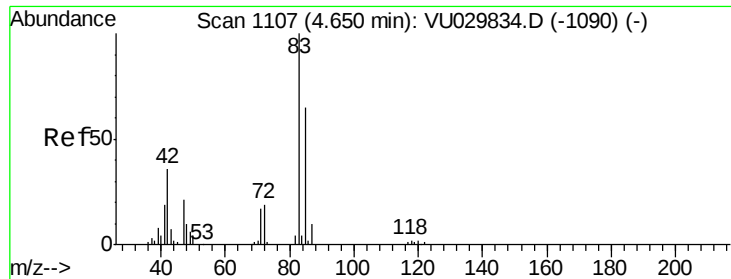
#40
Methyl acrylate
Concen: 10.152 ug/l
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion:	55	Resp:	83335
Ion	Ratio	Lower	Upper
55	100		
85	18.9	15.2	22.8
58	8.9	7.6	11.4
42	9.1	7.5	11.3



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: 18.973 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampled :

BFB

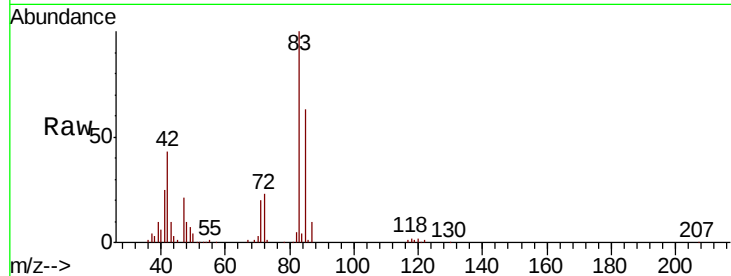
Tgt Ion: 42 Resp: 51534

Ion Ratio Lower Upper

42 100

72 55.9 43.6 65.4

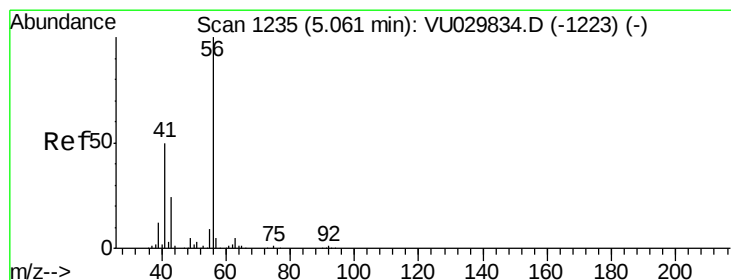
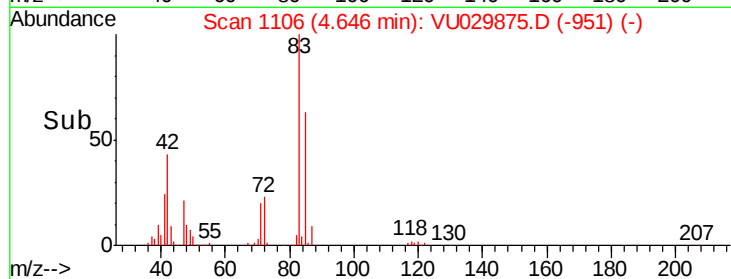
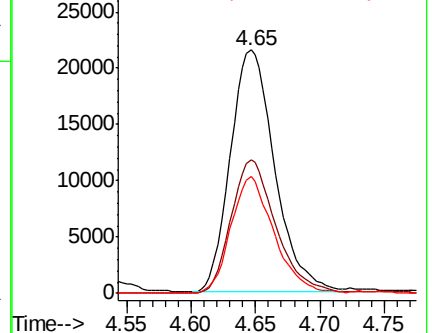
71 46.6 37.5 56.3



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: 9.971 ug/l

RT: 5.06 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VU029875.D

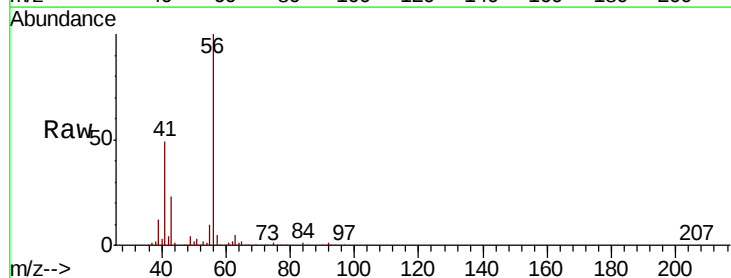
Acq: 08 Mar 2019 09:07

Tgt Ion: 56 Resp: 310660

Ion Ratio Lower Upper

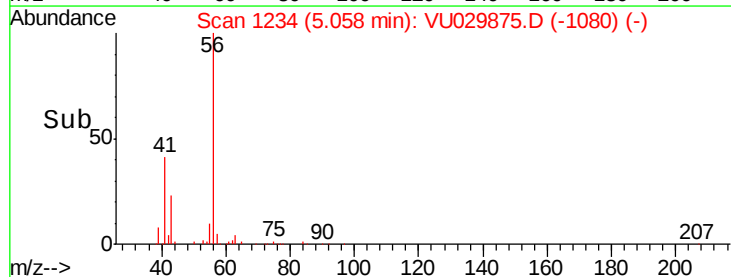
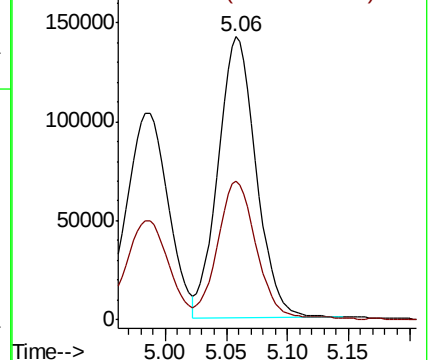
56 100

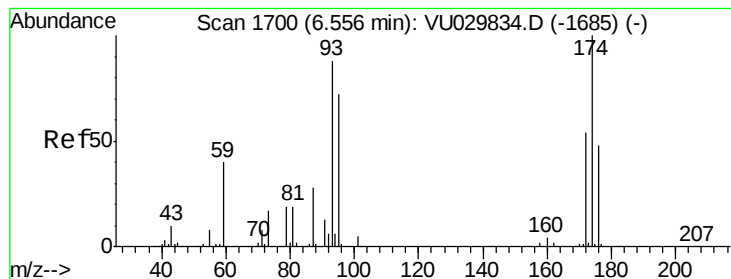
41 48.0 25.0 75.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 9.869 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

BFB

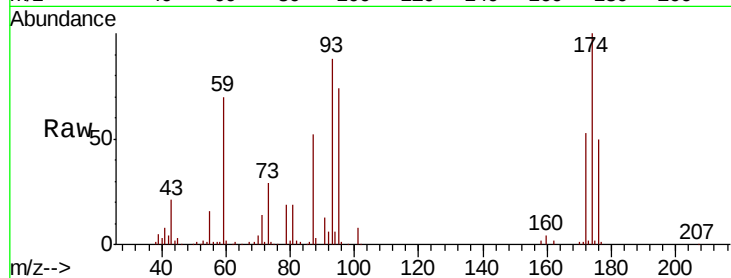
Tgt Ion: 93 Resp: 93010

Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.6

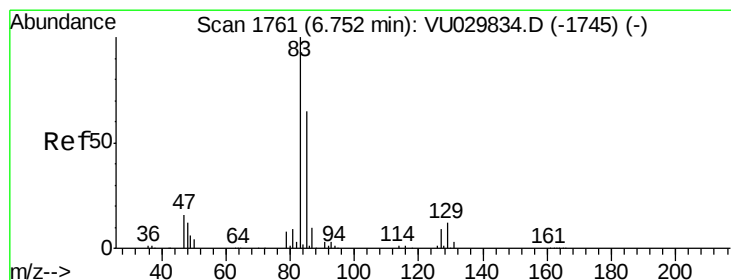
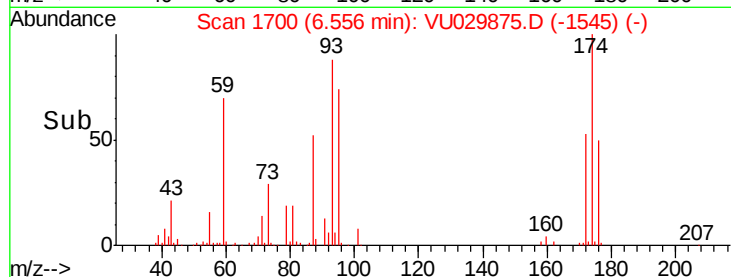
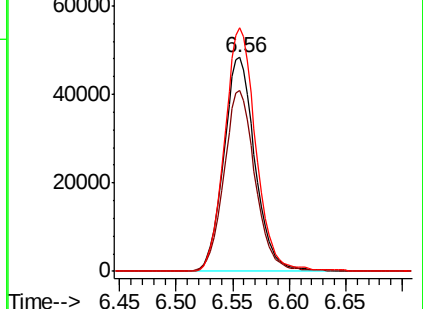
174 113.5 91.4 137.2



Abundance Ion 93.00 (92.70 to 93.70): VU029834.D (-1685) (-)

Ion 95.00 (94.70 to 95.70): VU029834.D (-1685) (-)

Ion 174.00 (173.70 to 174.70): VU029834.D (-1685) (-)



#44

Bromodichloromethane

Concen: 9.759 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

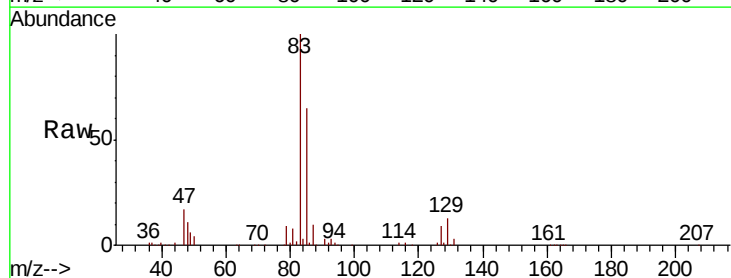
Tgt Ion: 83 Resp: 225877

Ion Ratio Lower Upper

83 100

85 65.0 51.7 77.5

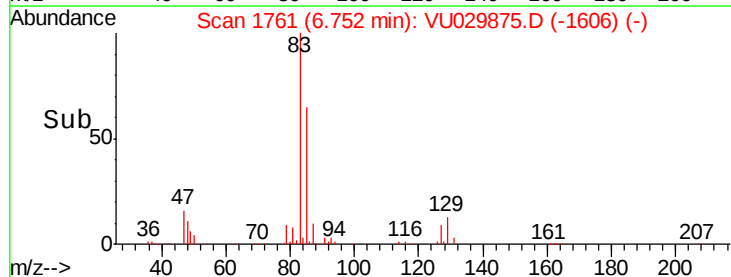
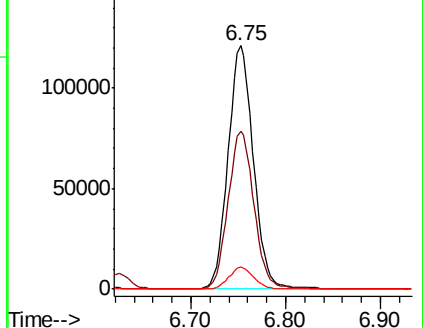
127 8.9 7.4 11.2

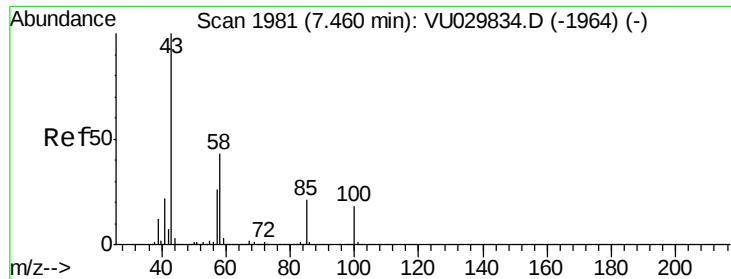


Abundance Ion 83.00 (82.70 to 83.70): VU029834.D (-1745) (-)

Ion 85.00 (84.70 to 85.70): VU029834.D (-1745) (-)

Ion 127.00 (126.70 to 127.70): VU029834.D (-1745) (-)

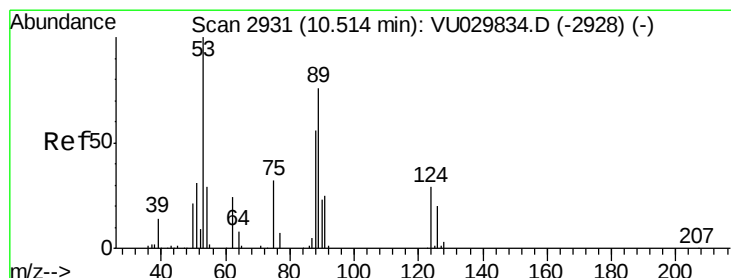
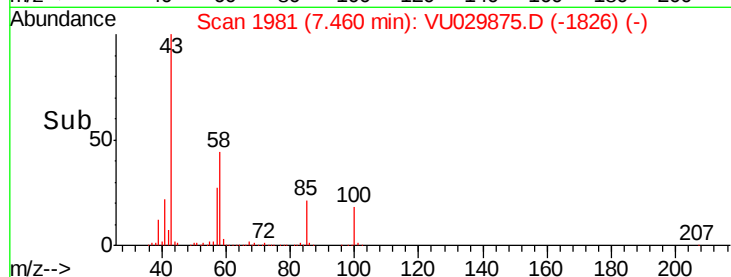
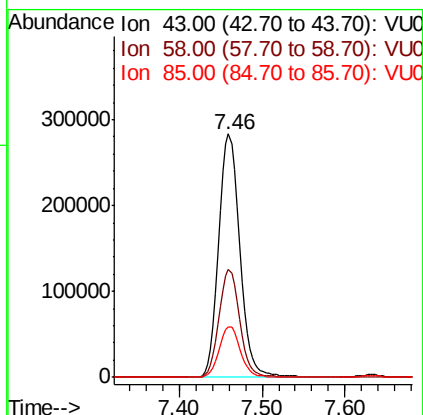
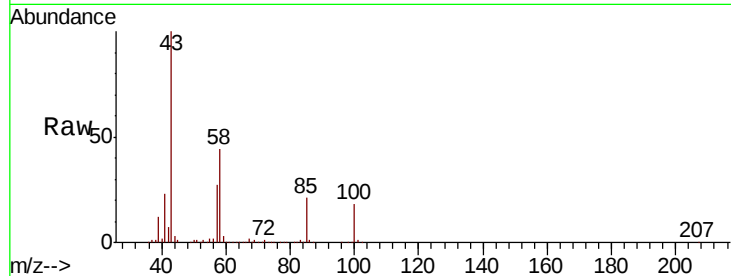




#45
 4-Methyl-2-Pentanone
 Concen: 50.900 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

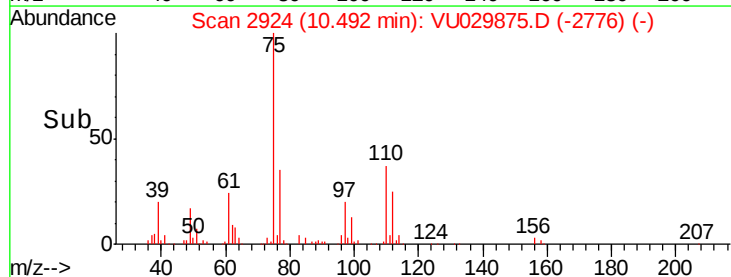
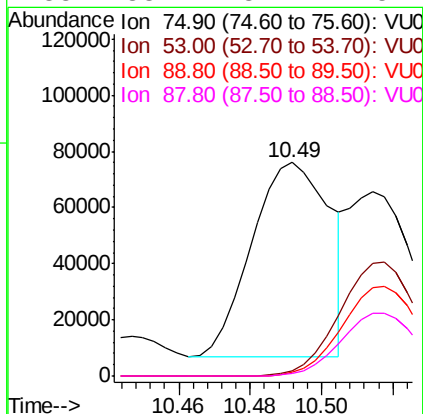
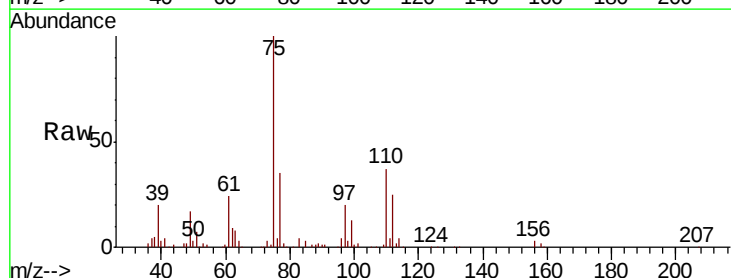
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

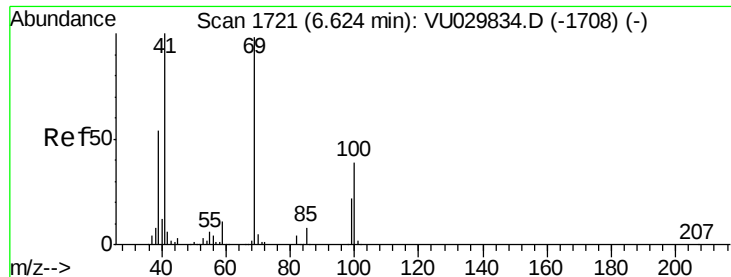
Tgt Ion: 43 Resp: 500306
 Ion Ratio Lower Upper
 43 100
 58 43.3 21.6 65.0
 85 20.7 16.5 24.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 25.590 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 75 Resp: 105156
 Ion Ratio Lower Upper
 75 100
 53 60.1 59.2 88.8
 89 47.5 44.9 67.3
 88 33.1 32.2 48.2

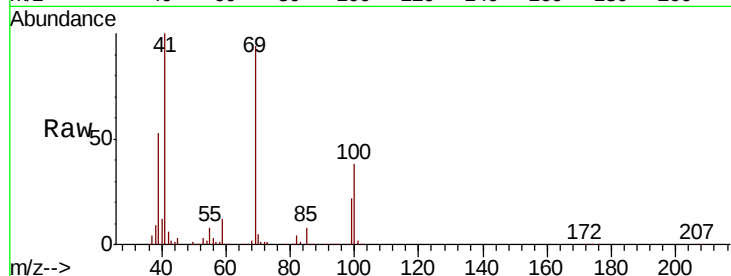




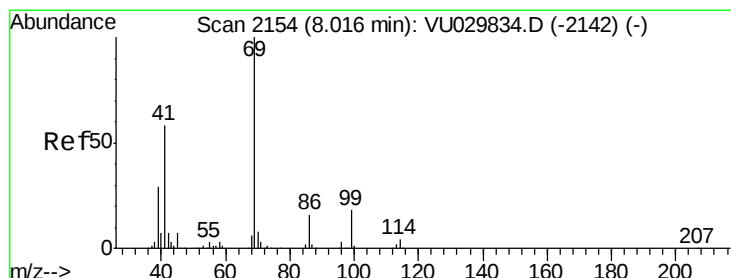
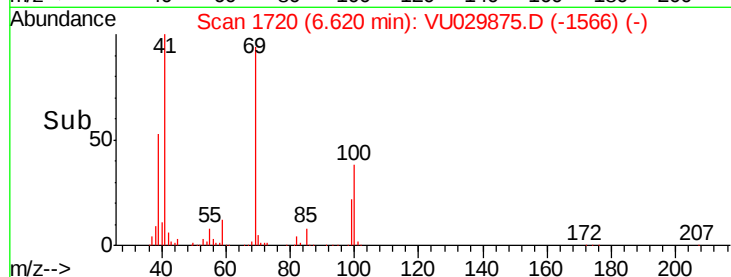
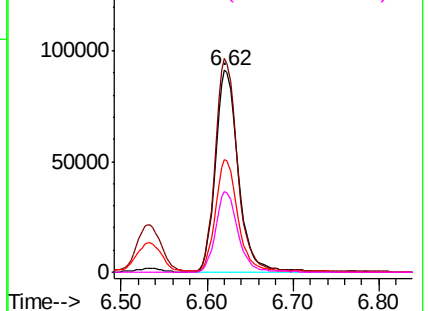
#47
Methyl methacrylate
Concen: 21.060 ug/l
RT: 6.62 min Scan# 1720
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 69 Resp: 170321
Ion Ratio Lower Upper
69 100
41 101.1 0.0 201.0
39 52.9 43.3 64.9
100 38.7 31.5 47.3

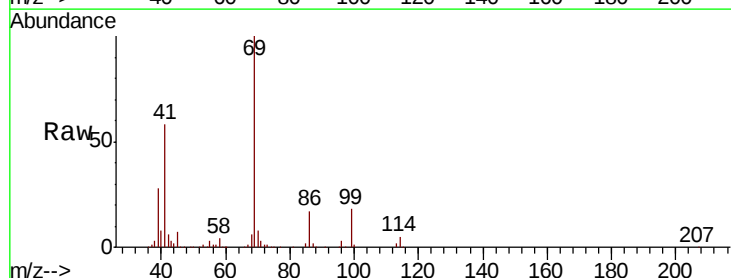


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

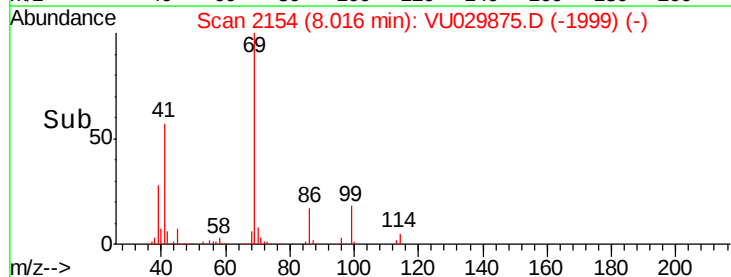
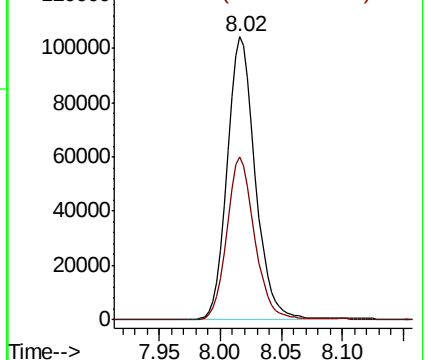


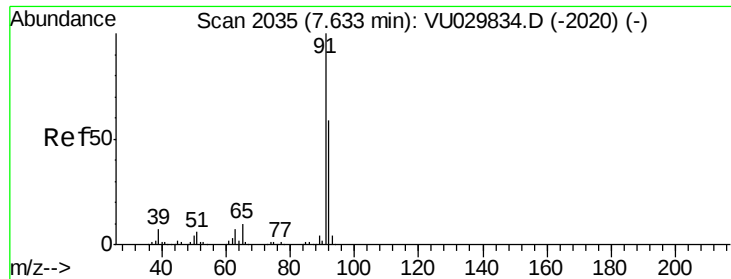
#48
Ethyl methacrylate
Concen: 10.869 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion: 69 Resp: 168428
Ion Ratio Lower Upper
69 100
41 57.2 29.0 87.1



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.119 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

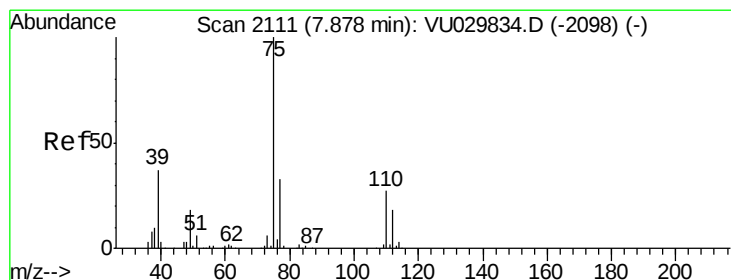
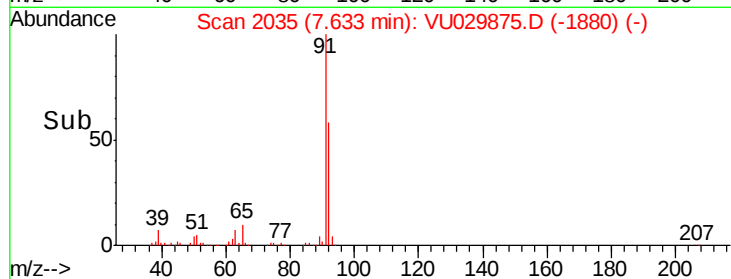
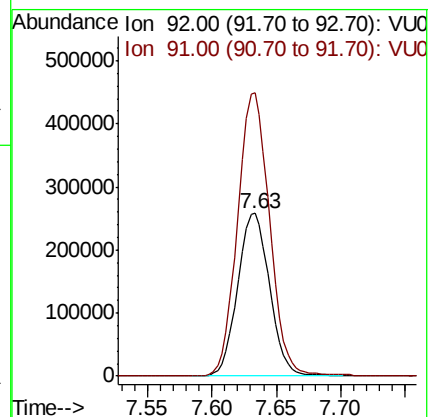
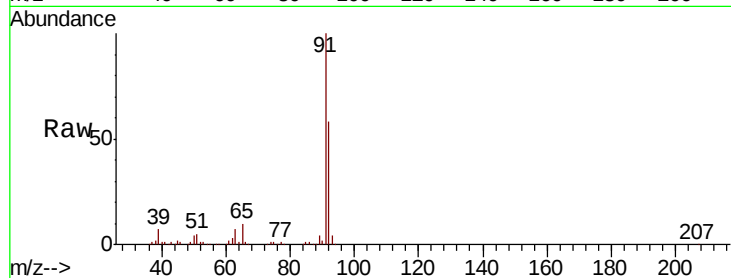
BFB

Tgt Ion: 92 Resp: 446408

Ion Ratio Lower Upper

92 100

91 175.0 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 10.322 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029875.D

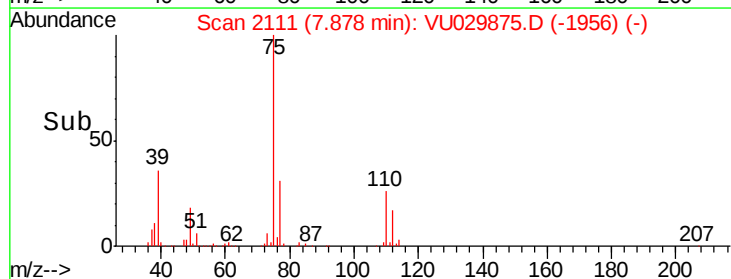
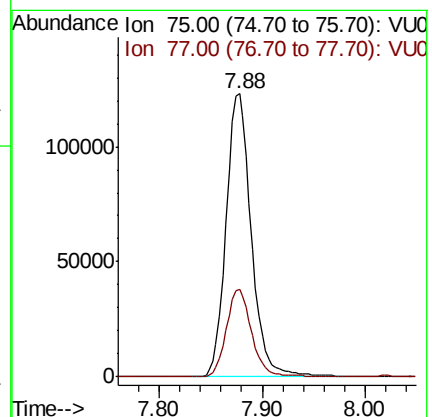
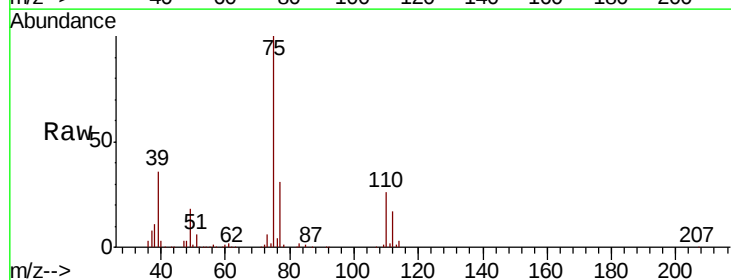
Acq: 08 Mar 2019 09:07

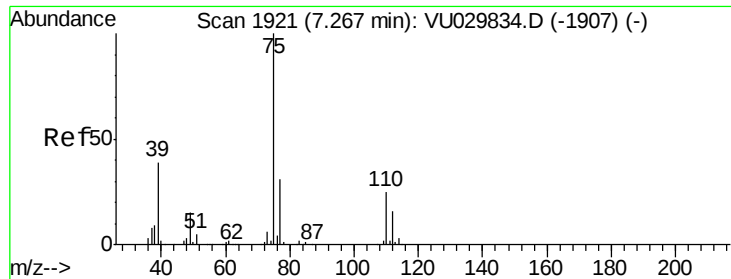
Tgt Ion: 75 Resp: 209369

Ion Ratio Lower Upper

75 100

77 31.1 26.4 39.6

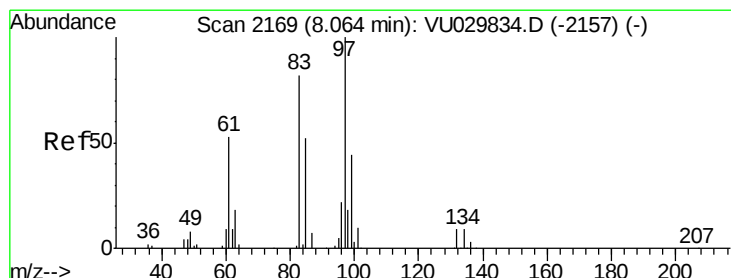
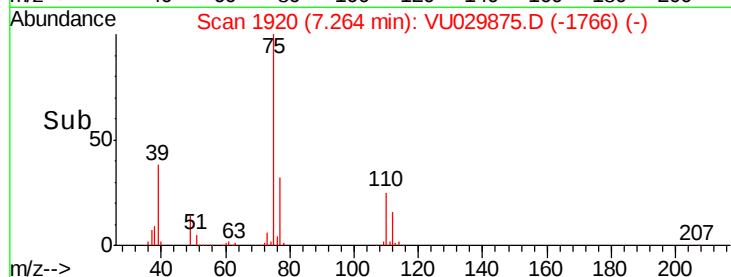
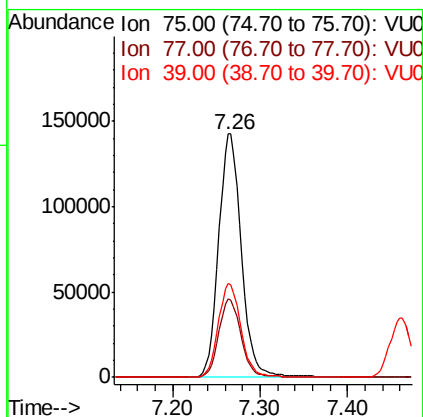
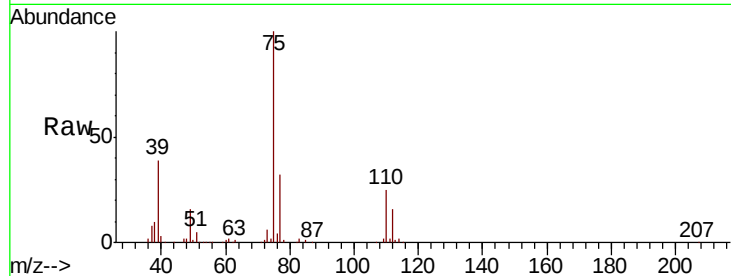




#51
 cis-1,3-Dichloropropene
 Concen: 10.249 ug/l
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

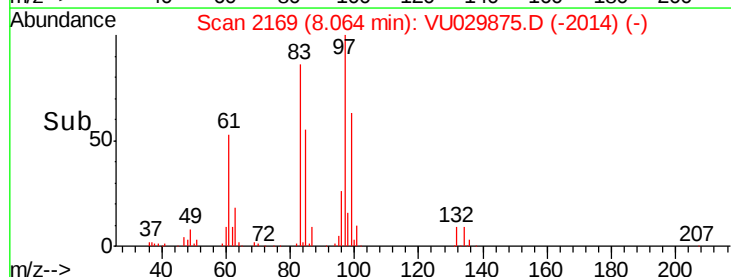
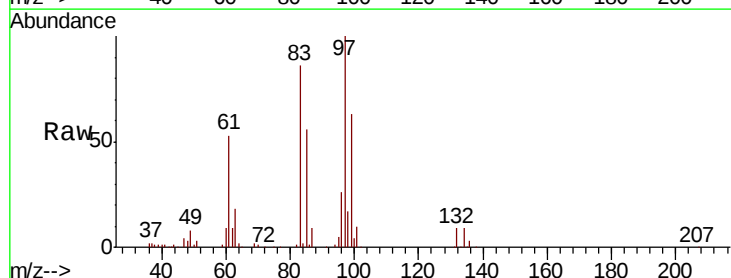
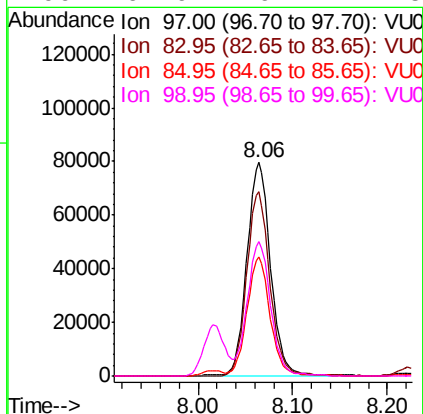
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

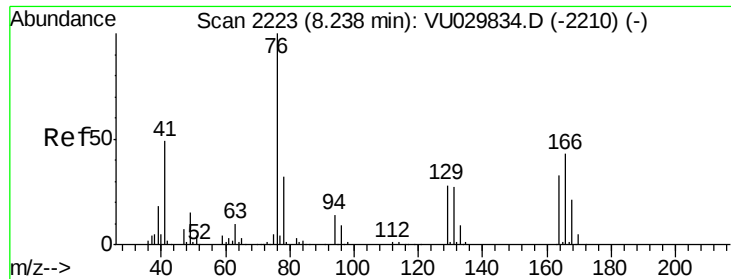
Tgt Ion: 75 Resp: 257364
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 38.5 30.8 46.2



#52
 1,1,2-Trichloroethane
 Concen: 9.922 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 97 Resp: 138413
 Ion Ratio Lower Upper
 97 100
 83 86.2 65.9 98.9
 85 55.7 43.0 64.6
 99 62.9 49.7 74.5

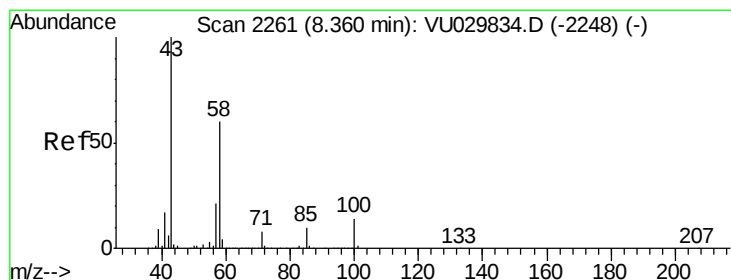
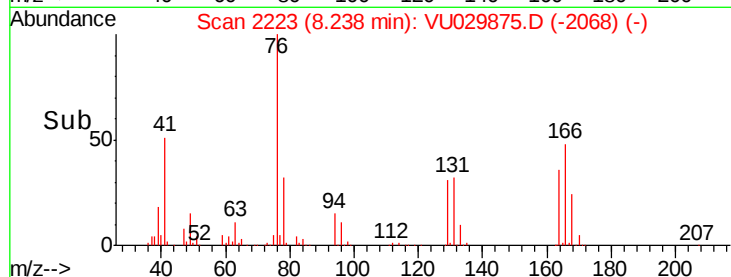
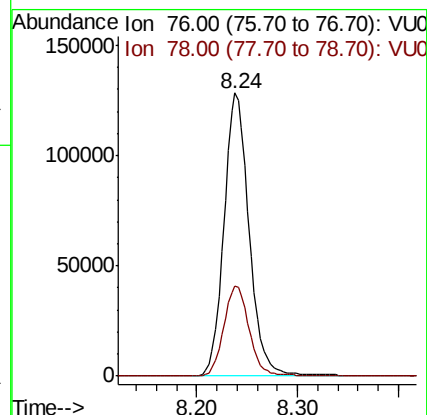
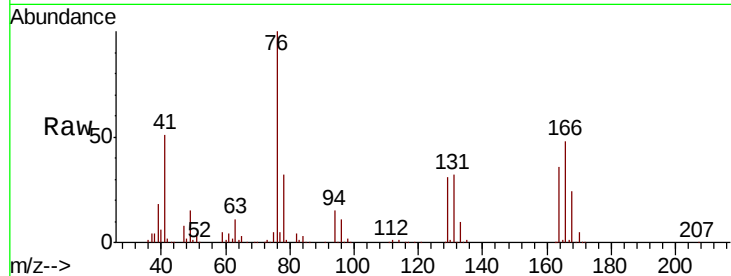




#53
 1,3-Dichloropropane
 Concen: 9.763 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

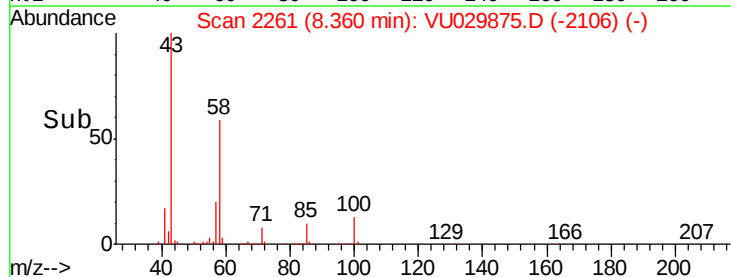
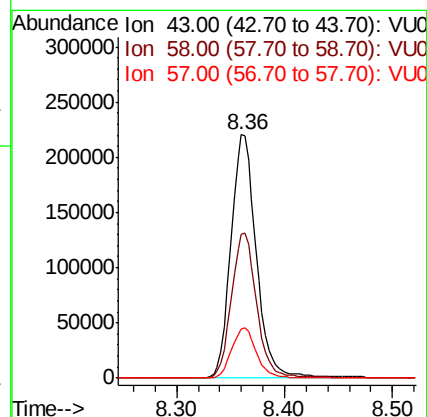
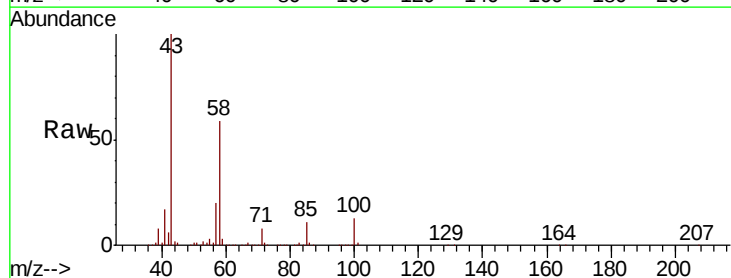
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

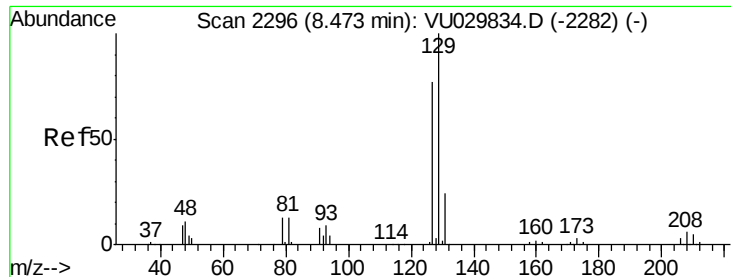
Tgt Ion: 76 Resp: 22381
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#54
 2-Hexanone
 Concen: 52.955 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 43 Resp: 361493
 Ion Ratio Lower Upper
 43 100
 58 59.8 39.6 79.6
 57 20.4 0.5 40.5

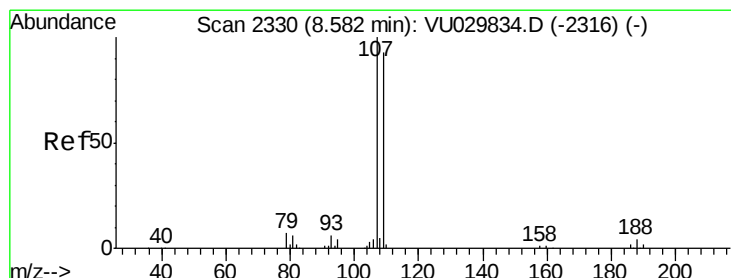
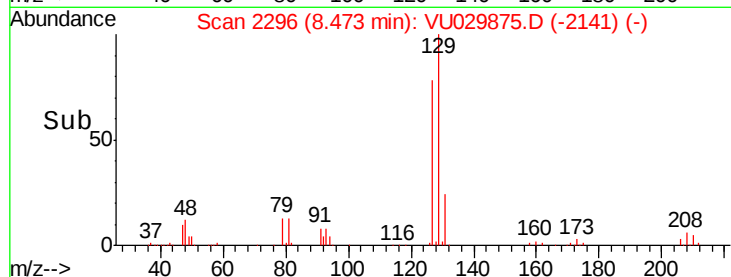
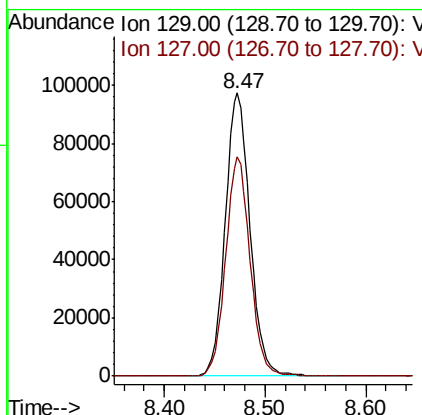
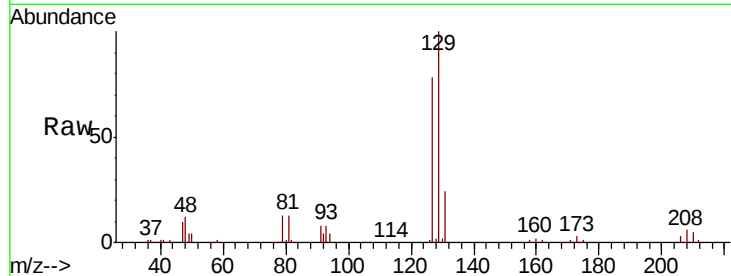




#55
 Dibromochloromethane
 Concen: 10.097 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

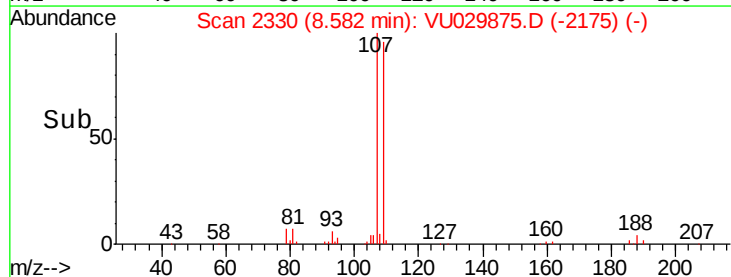
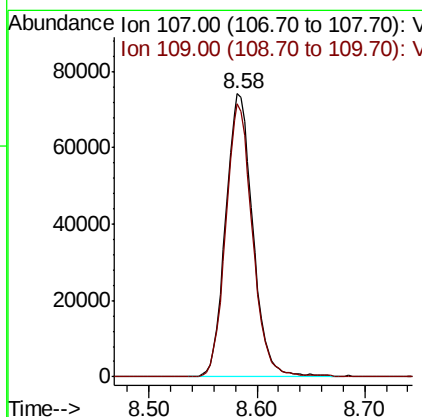
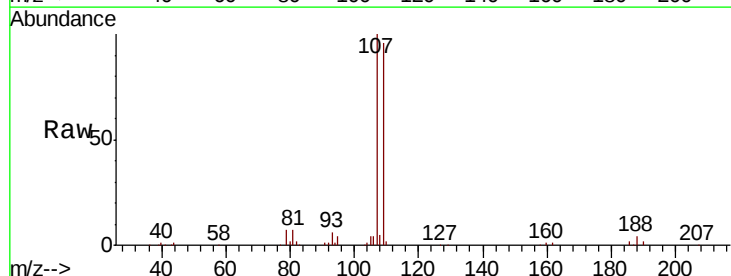
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

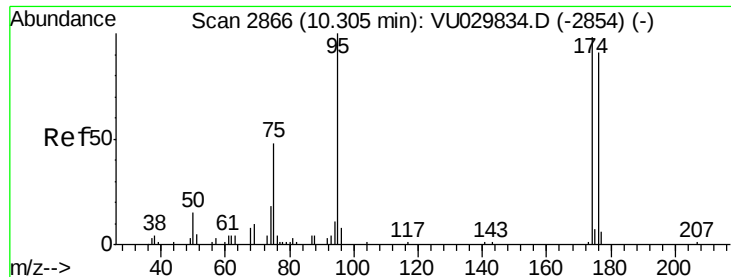
Tgt Ion:129 Resp: 167167
 Ion Ratio Lower Upper
 129 100
 127 76.4 61.6 92.4



#56
 1,2-Dibromoethane
 Concen: 9.844 ug/l
 RT: 8.58 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion:107 Resp: 130208
 Ion Ratio Lower Upper
 107 100
 109 94.5 0.0 188.4

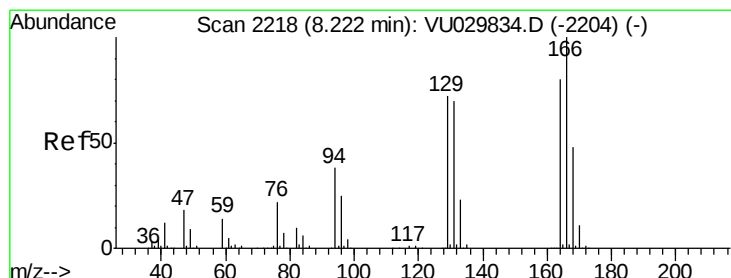
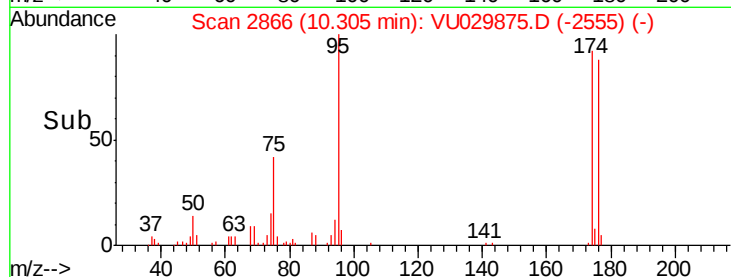
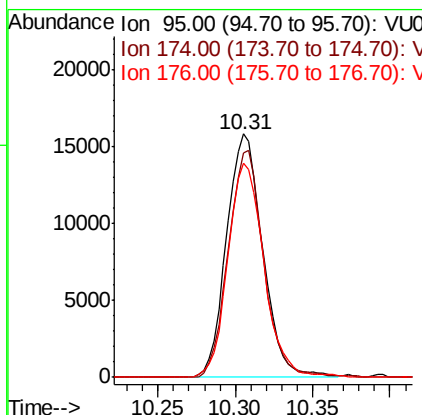
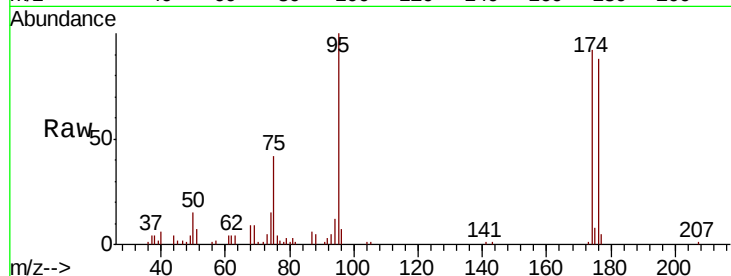




#57
4-Bromofluorobenzene
Concen: 9.844 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

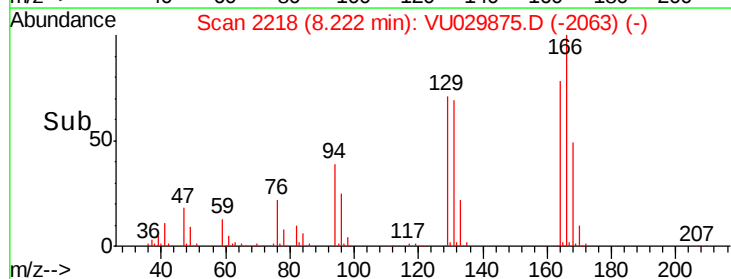
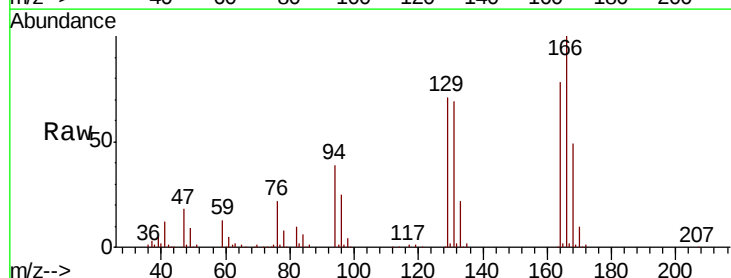
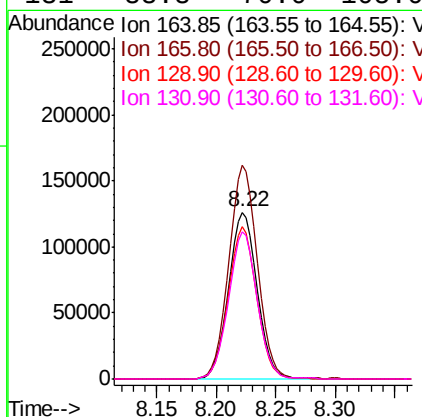
Instrument :
MSVOA_U
ClientSampleId :
BFB

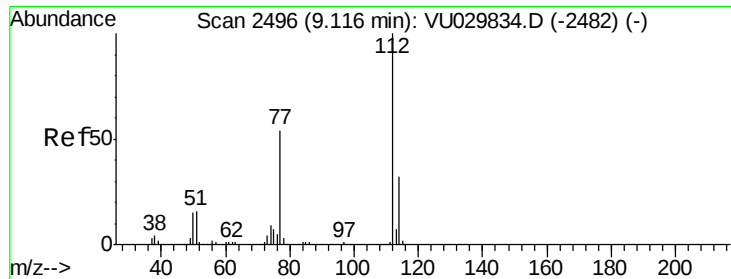
Tgt Ion: 95 Resp: 25638
Ion Ratio Lower Upper
95 100
174 91.2 76.5 114.7
176 87.7 74.2 111.2



#58
Tetrachloroethene
Concen: 9.846 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion: 164 Resp: 210942
Ion Ratio Lower Upper
164 100
166 128.3 100.5 150.7
129 91.7 72.3 108.5
131 88.8 70.0 105.0





#59

Chlorobenzene

Concen: 9.985 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

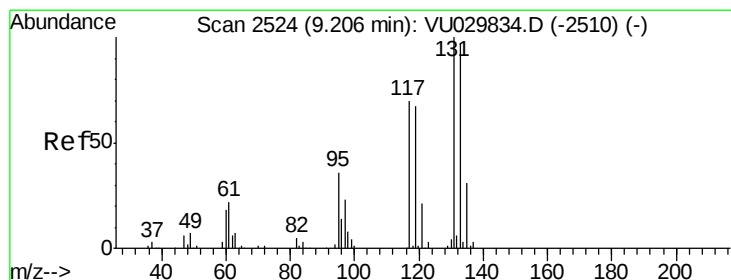
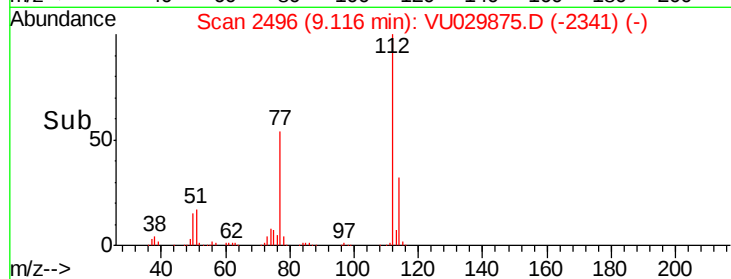
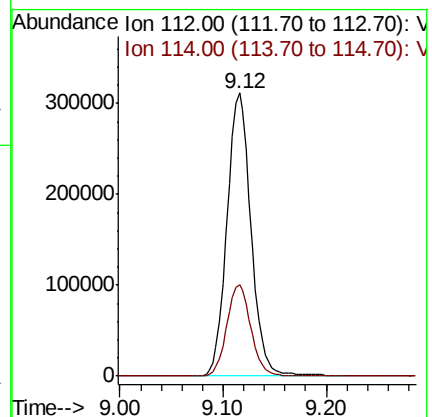
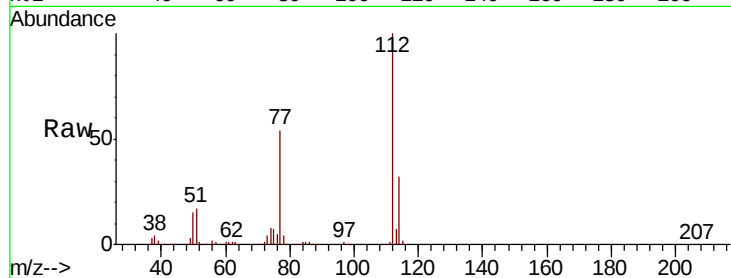
BFB

Tgt Ion:112 Resp: 506234

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 9.901 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

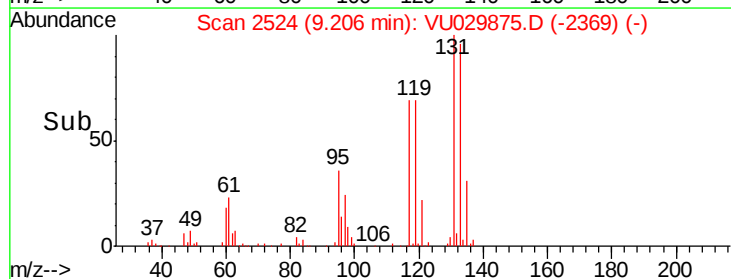
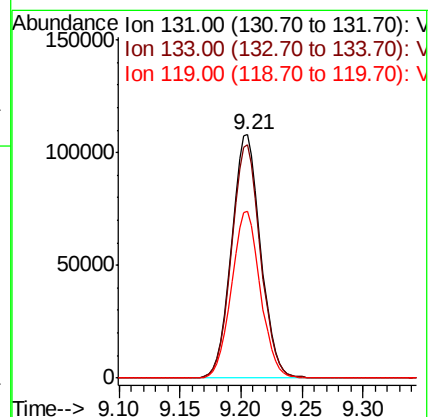
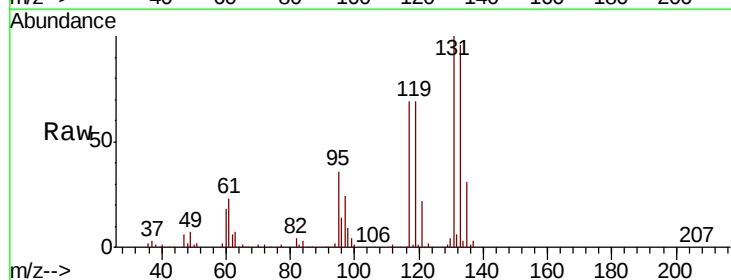
Tgt Ion:131 Resp: 180082

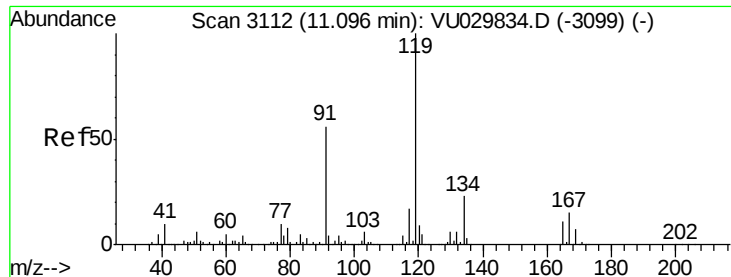
Ion Ratio Lower Upper

131 100

133 95.4 76.4 114.6

119 68.1 54.2 81.4

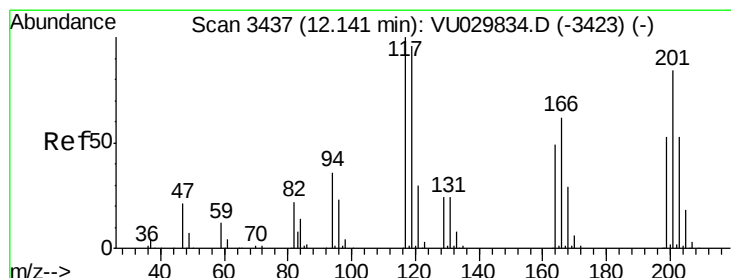
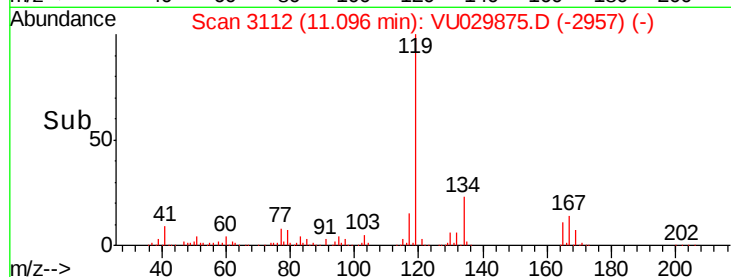
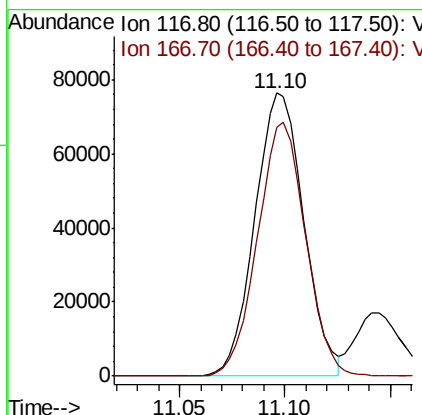
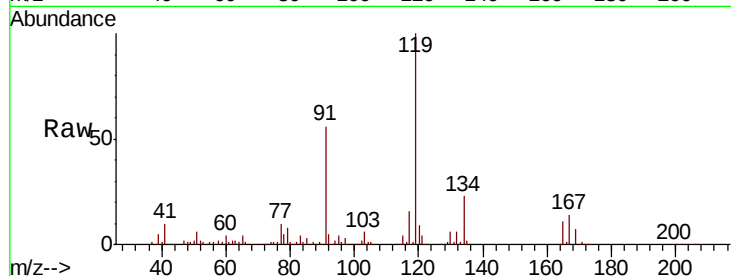




#61
 Pentachloroethane
 Concen: 9.740 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

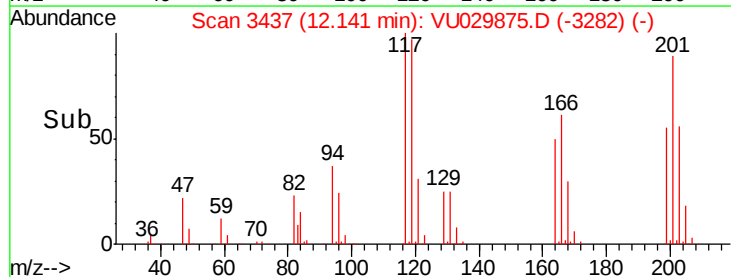
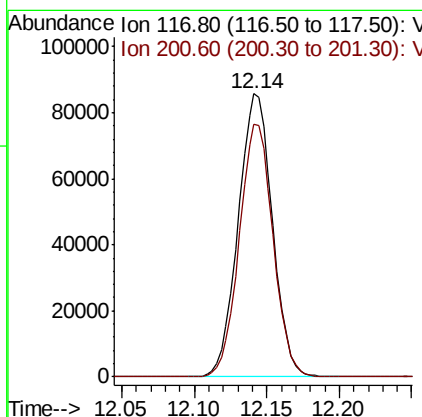
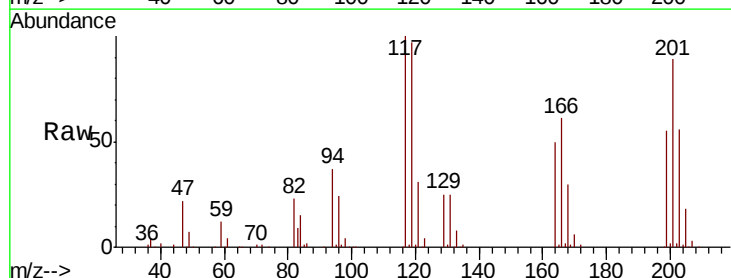
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

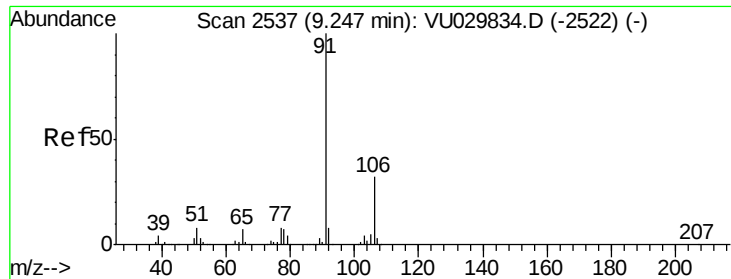
Tgt Ion:117 Resp: 123337
 Ion Ratio Lower Upper
 117 100
 167 88.2 71.4 107.2



#62
 Hexachloroethane
 Concen: 10.537 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion:117 Resp: 140359
 Ion Ratio Lower Upper
 117 100
 201 88.2 68.2 102.2

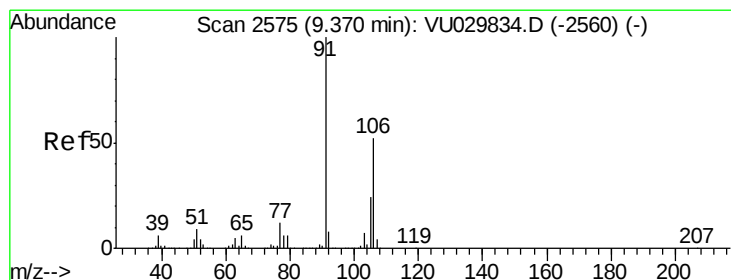
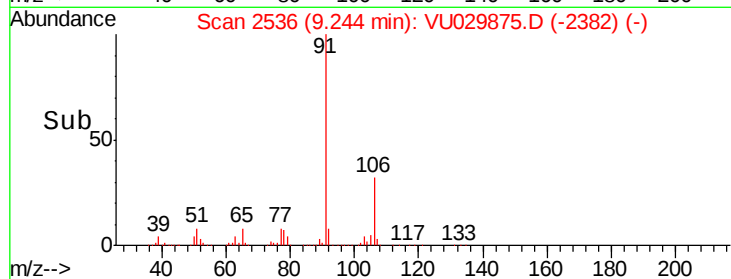
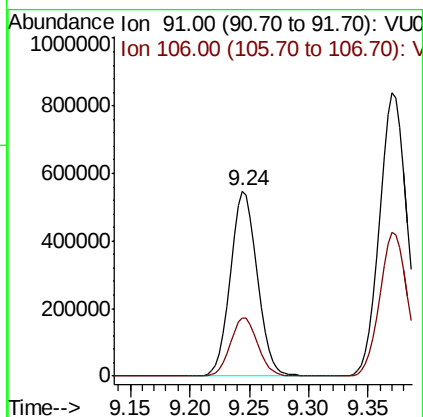
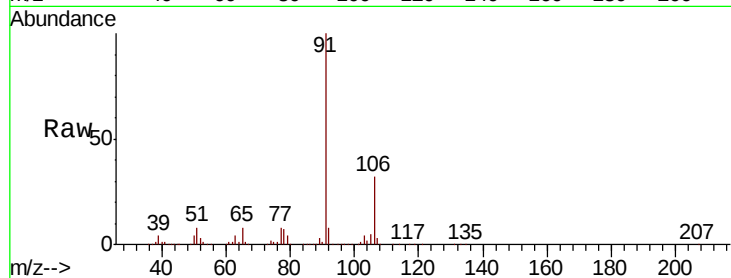




#63
Ethyl Benzene
Concen: 10.368 ug/l
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

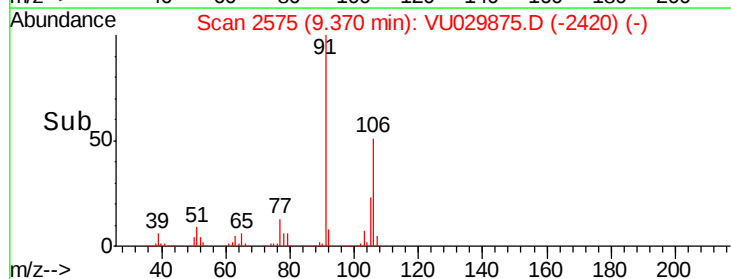
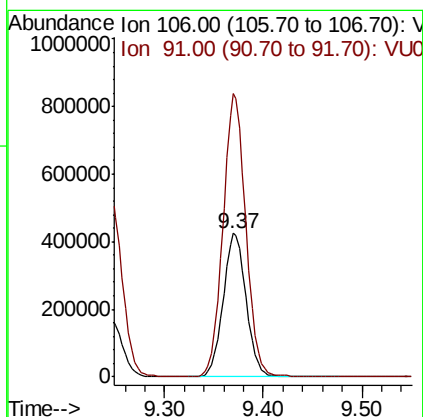
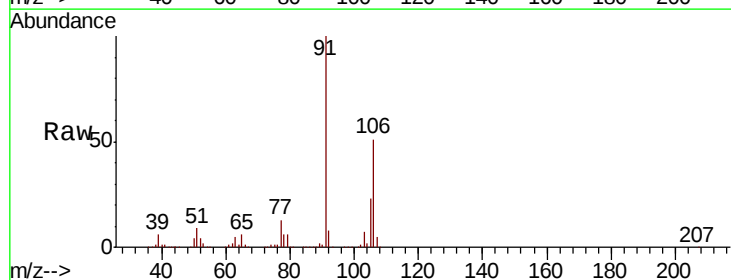
Instrument :
MSVOA_U
ClientSampleId :
BFB

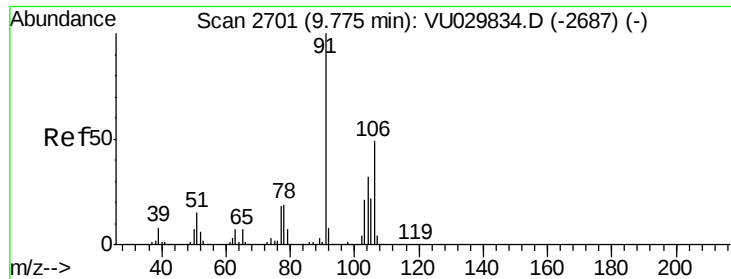
Tgt Ion: 91 Resp: 861137
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5



#64
m/p-Xylenes
Concen: 21.073 ug/l
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion: 106 Resp: 691908
Ion Ratio Lower Upper
106 100
91 196.1 155.3 232.9

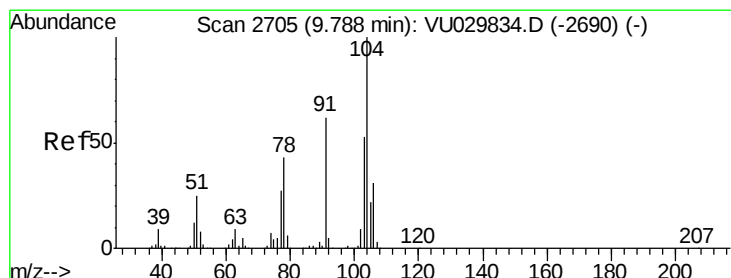
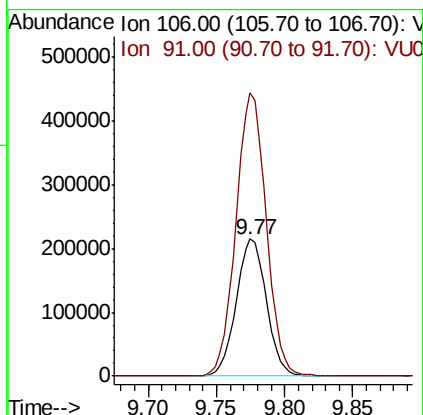
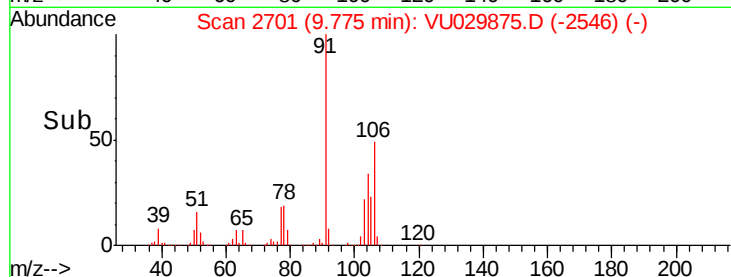
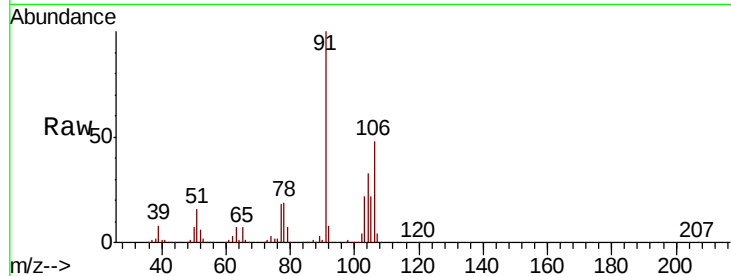




#65
o-Xylene
Concen: 10.483 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

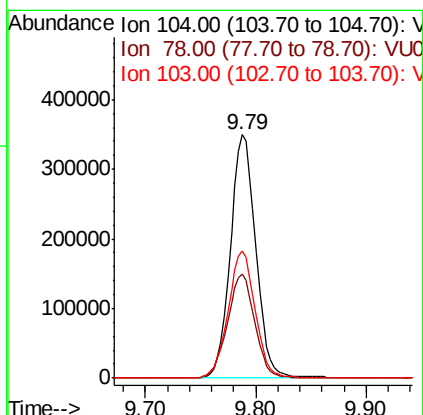
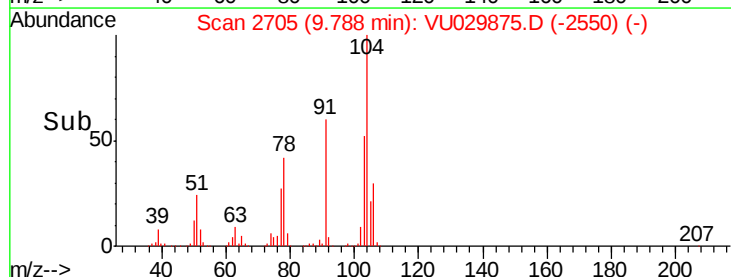
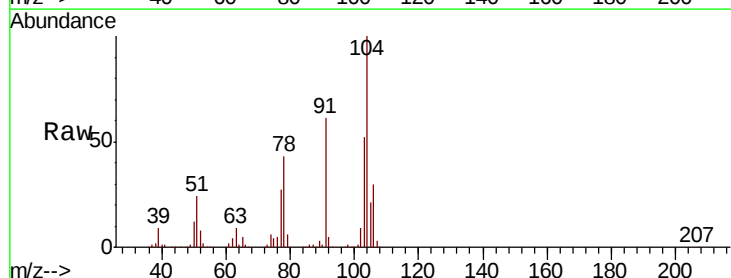
Instrument :
MSVOA_U
ClientSampled :
BFB

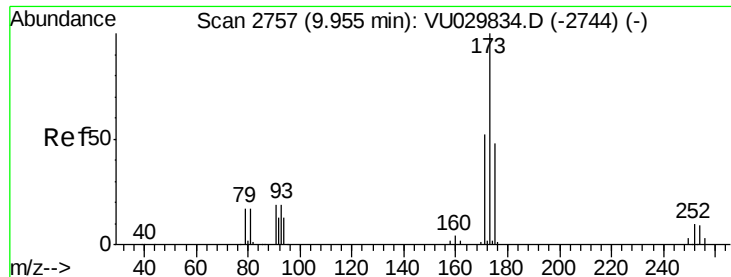
Tgt Ion:106 Resp: 330582
Ion Ratio Lower Upper
106 100
91 207.2 102.8 308.3



#66
Styrene
Concen: 10.682 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion:104 Resp: 559605
Ion Ratio Lower Upper
104 100
78 46.1 37.2 55.8
103 55.5 44.7 67.1

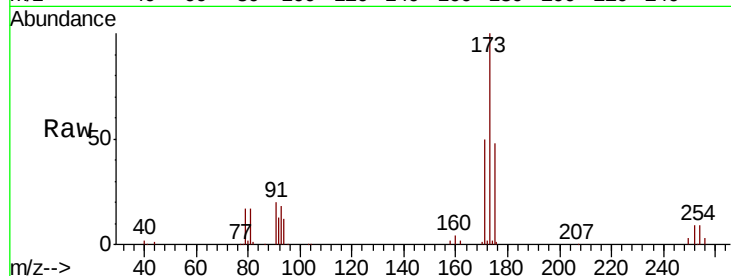




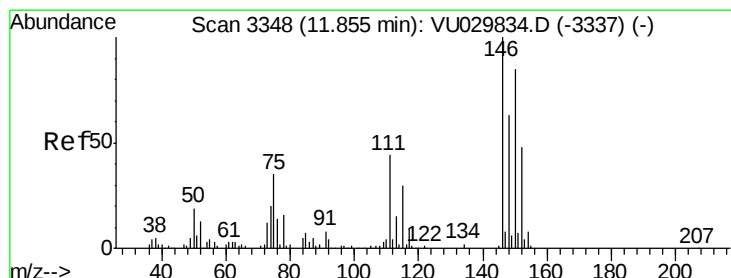
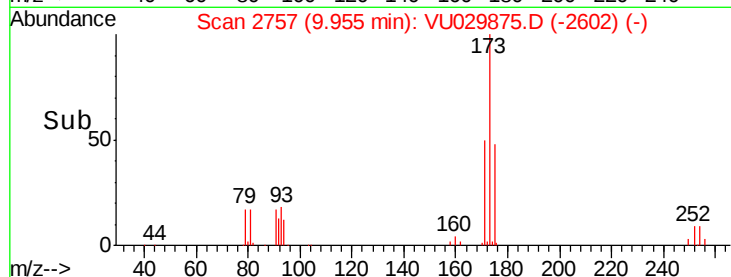
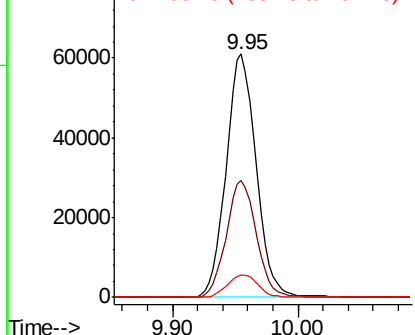
#67
Bromoform
Concen: 10.421 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:173 Resp: 101334
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
254 9.4 7.4 11.2

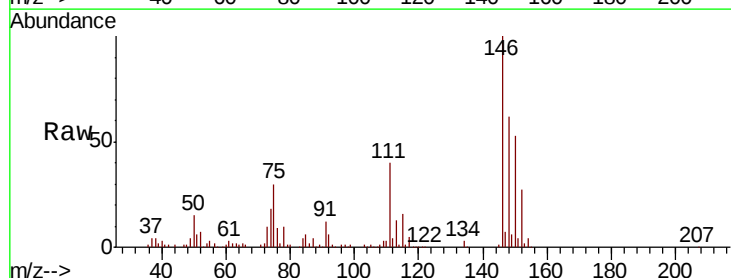


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

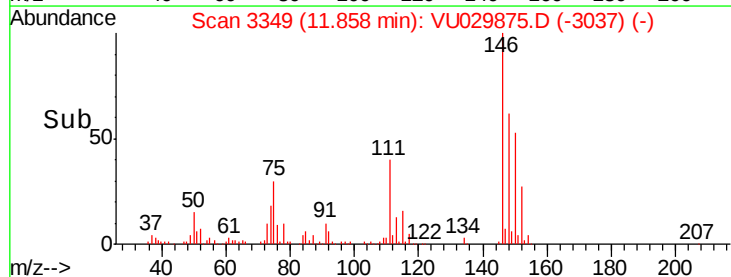
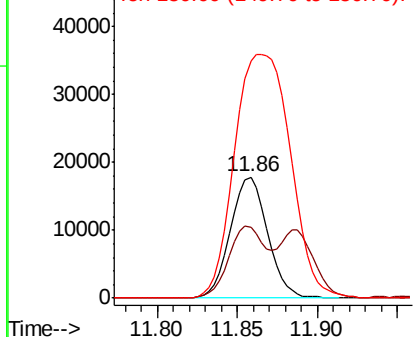


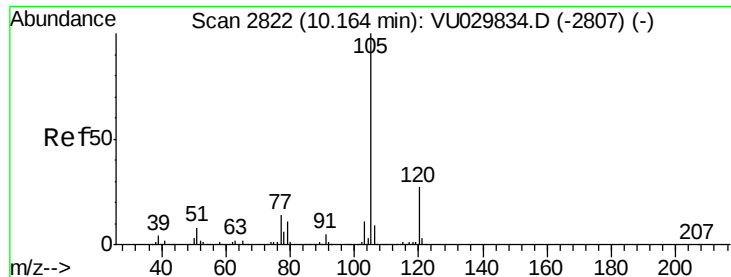
#68
1,2-Dichlorobenzene-d4
Concen: 10.421 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion:152 Resp: 28197
Ion Ratio Lower Upper
152 100
115 59.3 0.0 124.0
150 305.3 0.0 631.2



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: 10.513 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampled :

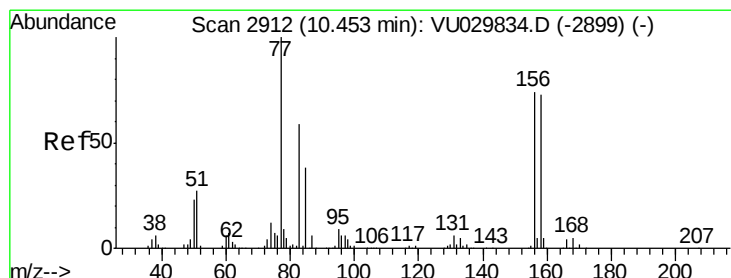
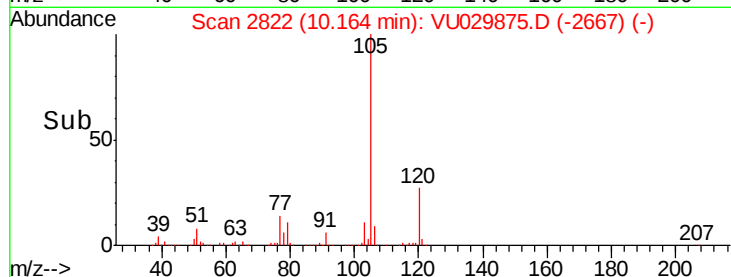
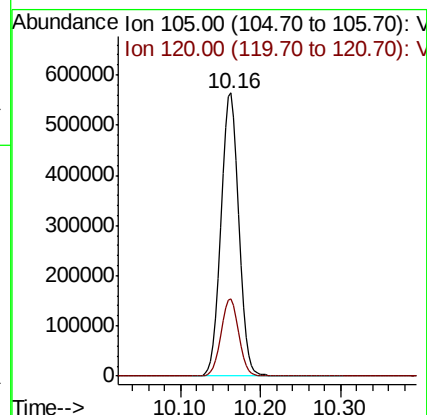
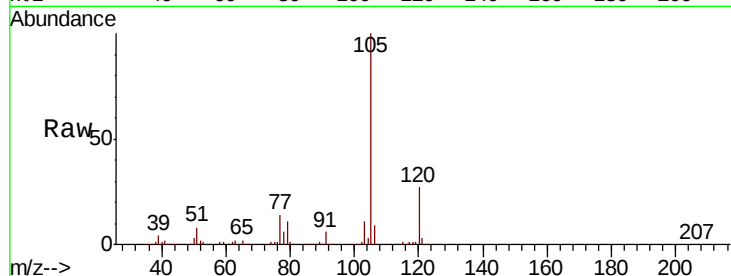
BFB

Tgt Ion:105 Resp: 879116

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 9.755 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

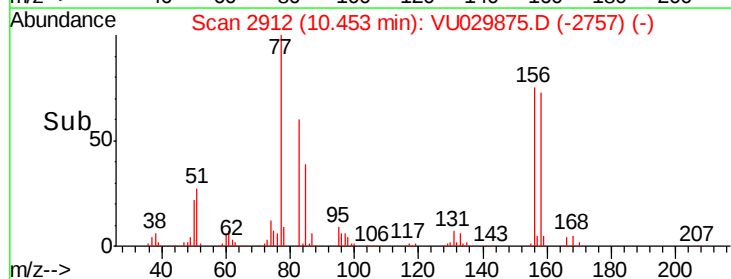
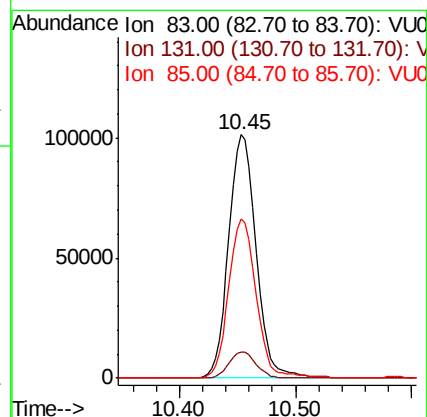
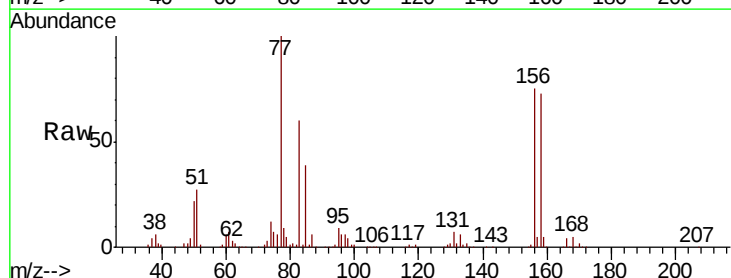
Tgt Ion: 83 Resp: 165960

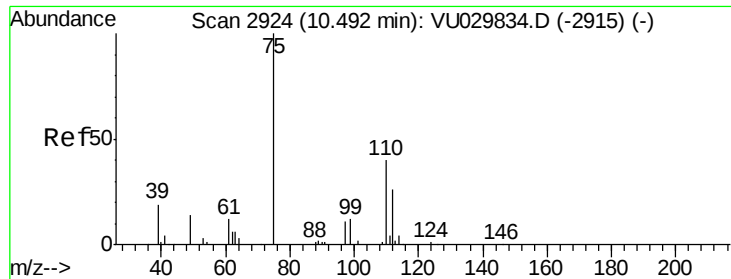
Ion Ratio Lower Upper

83 100

131 10.5 8.3 12.5

85 65.7 52.5 78.7





#71

1,2,3-Trichloropropane

Concen: 8.317 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

BFB

Tgt Ion: 75 Resp: 105156

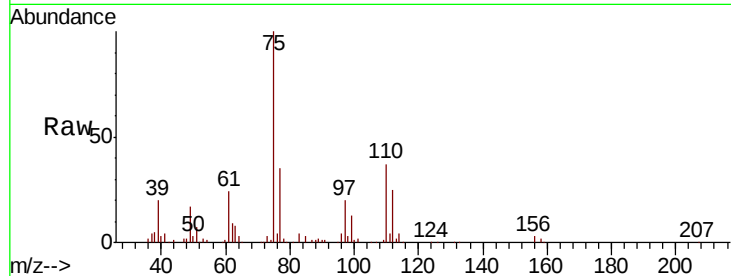
Ion Ratio Lower Upper

75 100

77 9.3 0.0 16.4

110 43.5 0.0 74.8

97 22.2 0.0 39.4

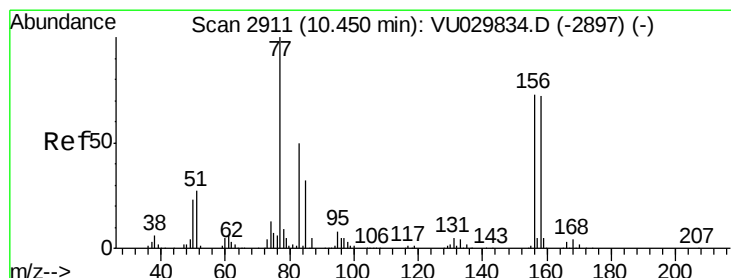
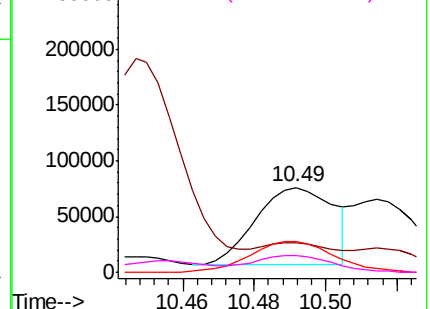
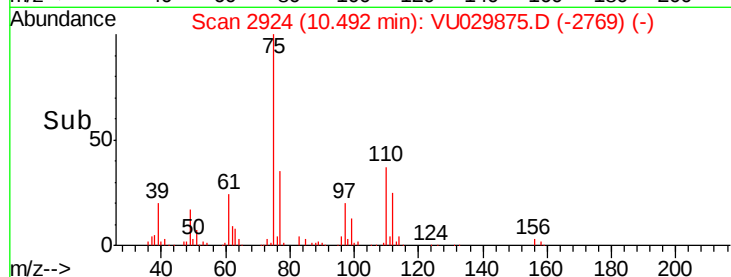


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 10.094 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

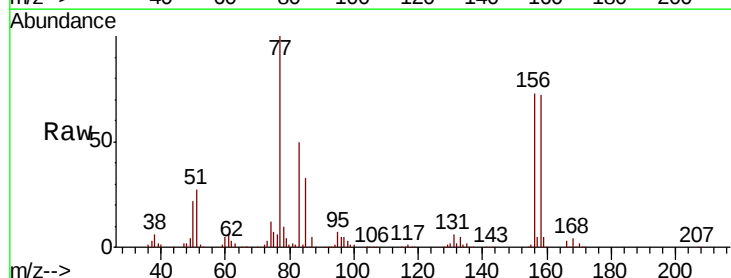
Tgt Ion: 156 Resp: 223418

Ion Ratio Lower Upper

156 100

77 138.0 0.0 282.2

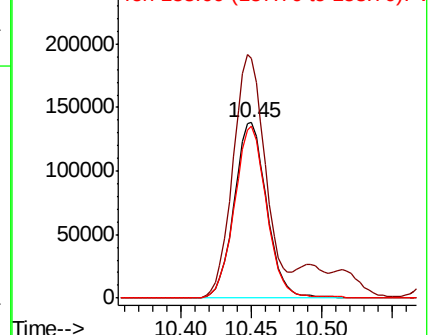
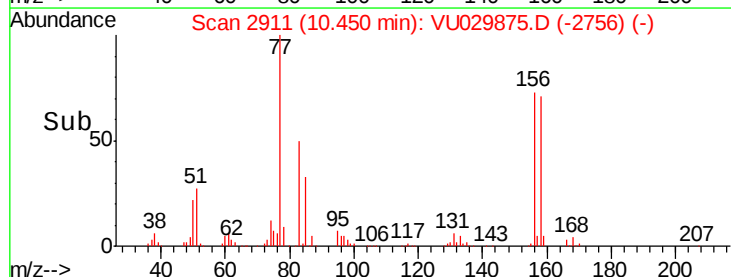
158 97.0 0.0 196.2

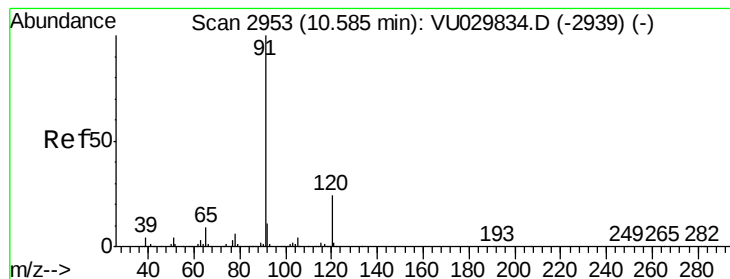


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 10.668 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

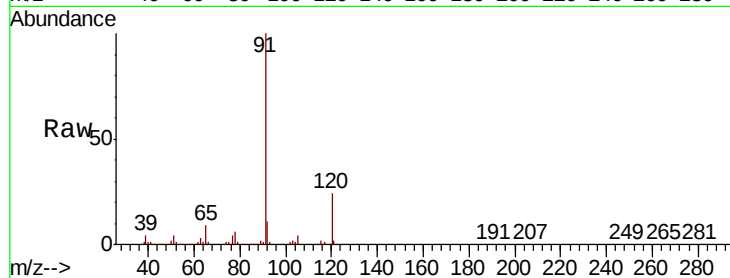
BFB

Tgt Ion:120 Resp: 250775

Ion Ratio Lower Upper

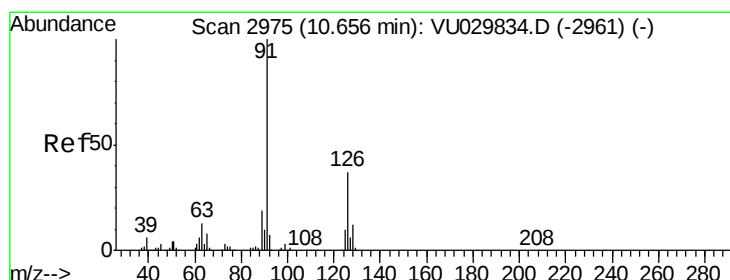
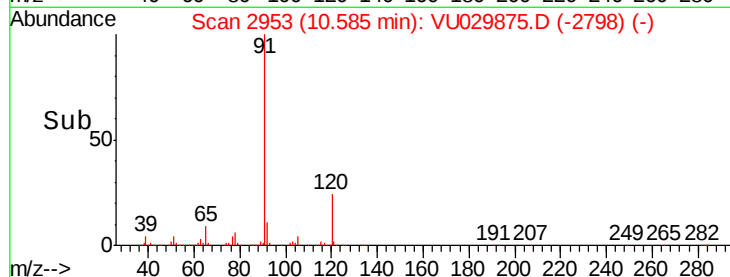
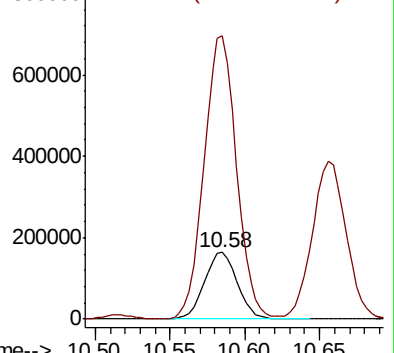
120 100

91 418.4 333.4 500.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.209 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU029875.D

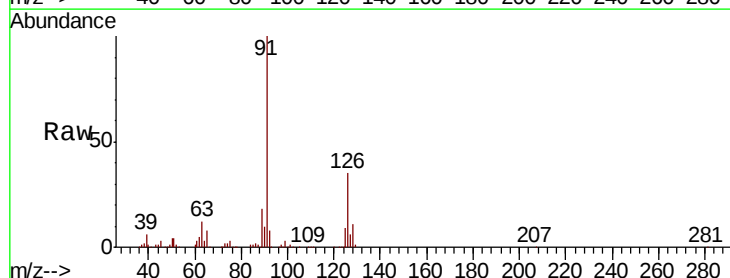
Acq: 08 Mar 2019 09:07

Tgt Ion:126 Resp: 212874

Ion Ratio Lower Upper

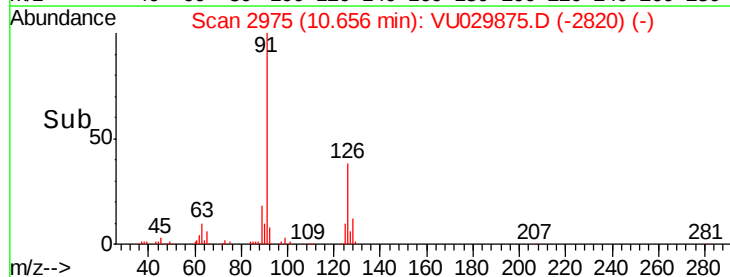
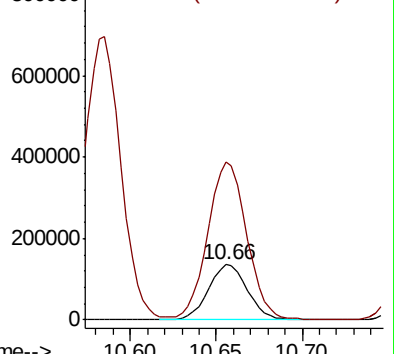
126 100

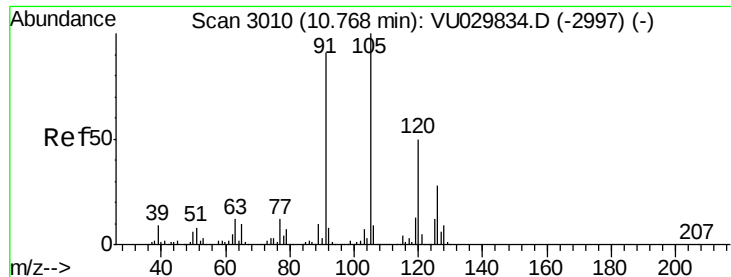
91 287.4 0.0 569.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.580 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

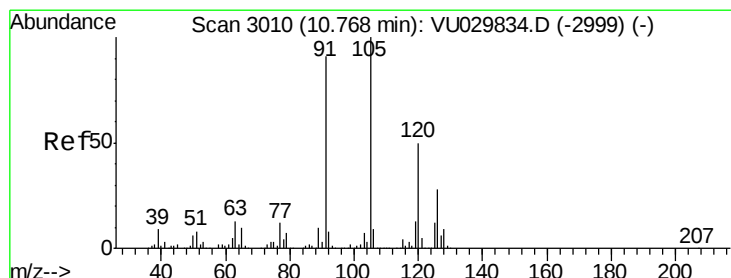
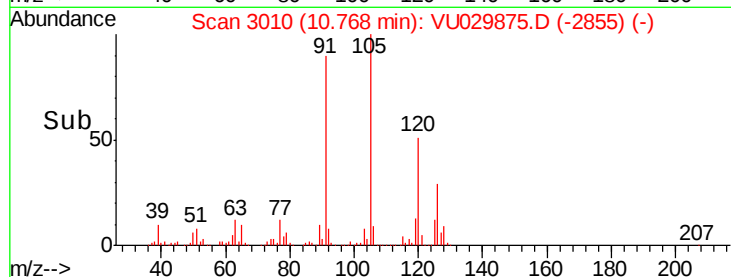
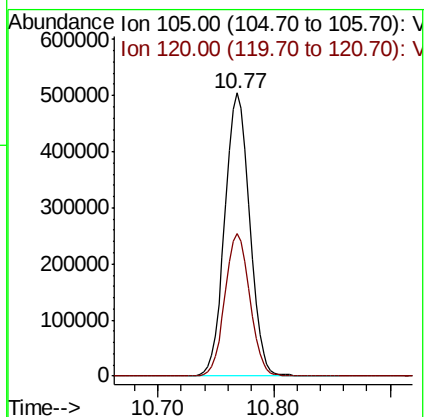
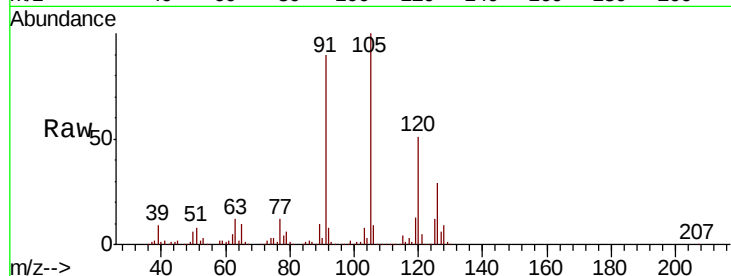
BFB

Tgt Ion:105 Resp: 745291

Ion Ratio Lower Upper

105 100

120 50.7 40.0 60.0



#76

4-Chlorotoluene

Concen: 10.508 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029875.D

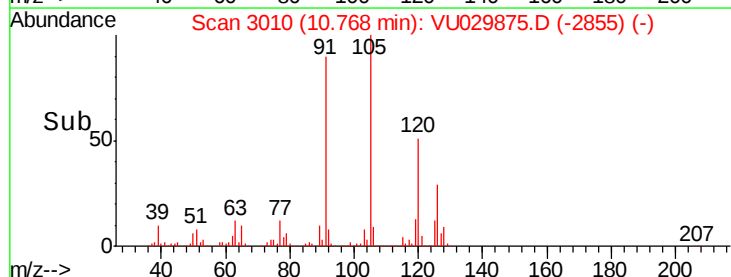
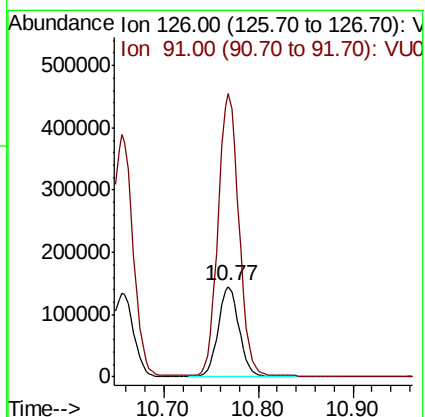
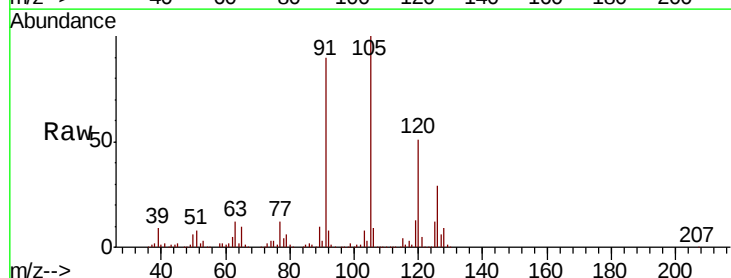
Acq: 08 Mar 2019 09:07

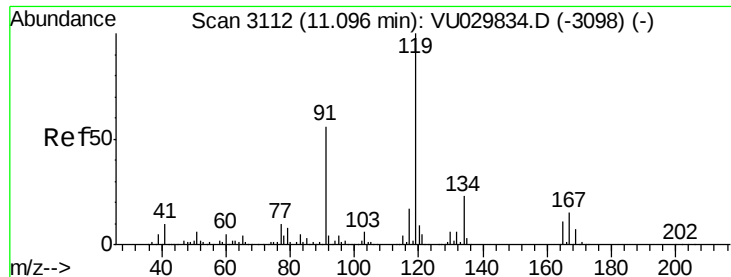
Tgt Ion:126 Resp: 223436

Ion Ratio Lower Upper

126 100

91 313.4 0.0 634.8

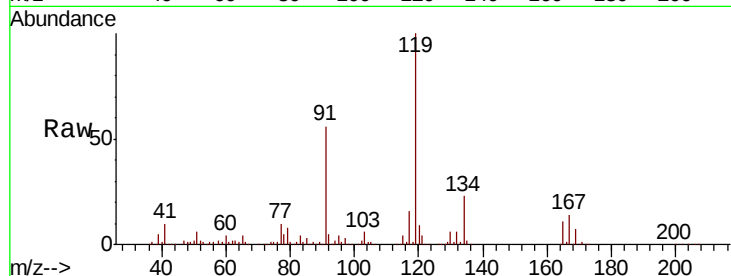




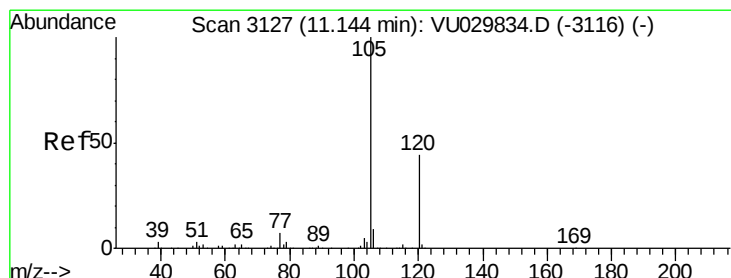
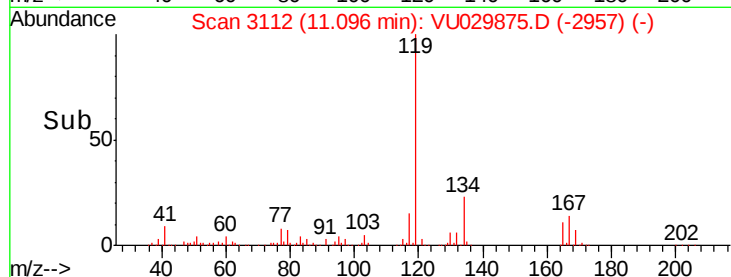
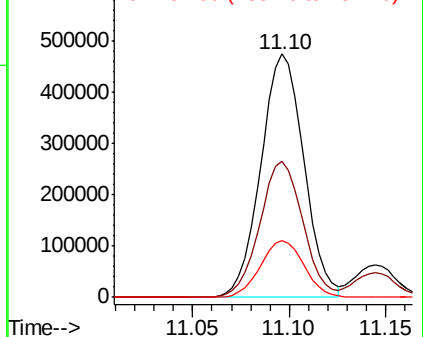
#77
 tert-Butylbenzene
 Concen: 10.510 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampled :
 BFB

Tgt Ion:119 Resp: 732498
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.7 83.1
 134 23.6 18.7 28.1

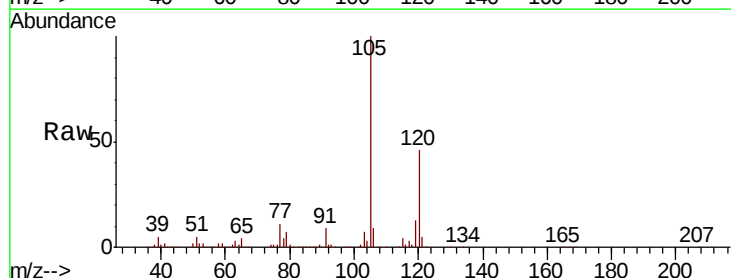


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

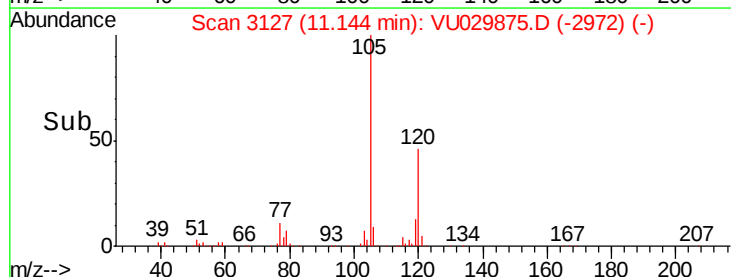
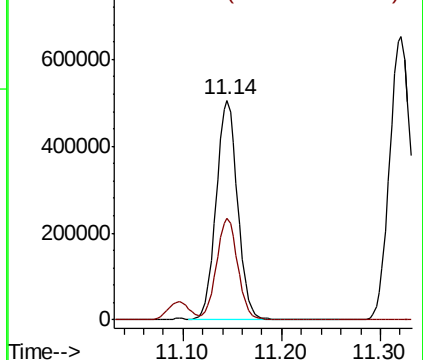


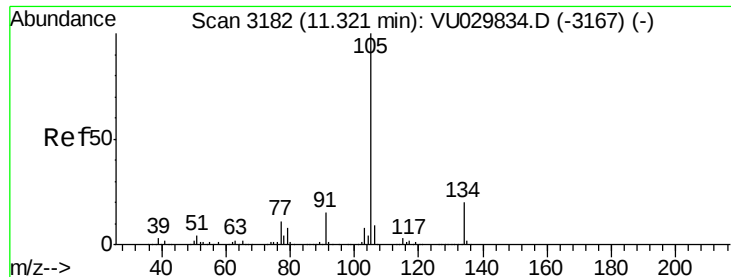
#78
 1,2,4-Trimethylbenzene
 Concen: 10.802 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion:105 Resp: 768966
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

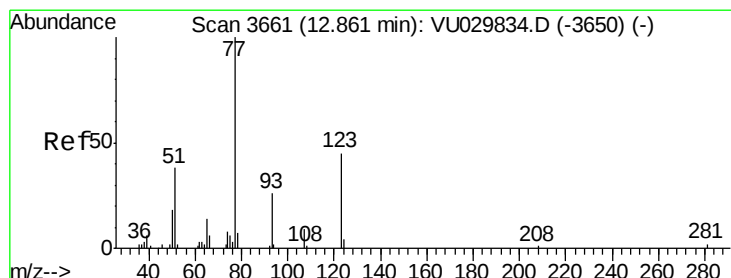
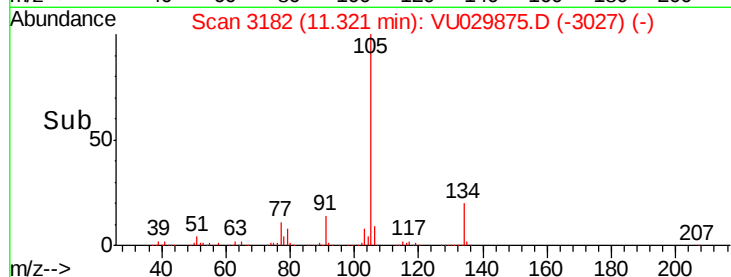
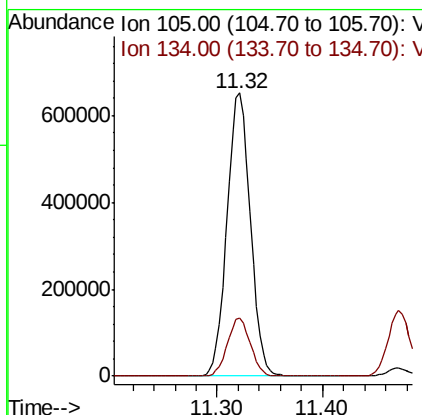
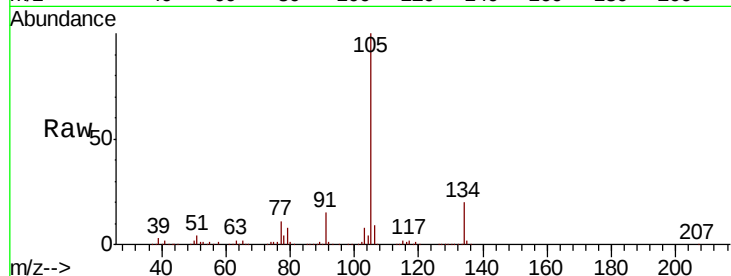




#79
 sec-Butylbenzene
 Concen: 10.791 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

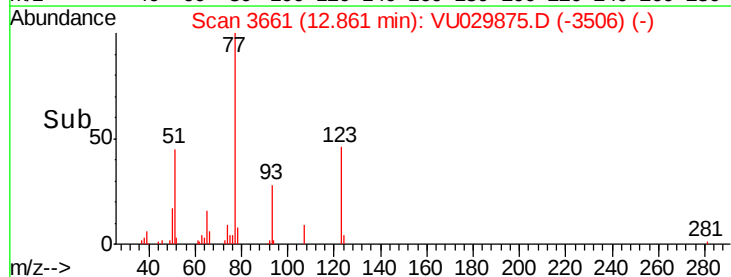
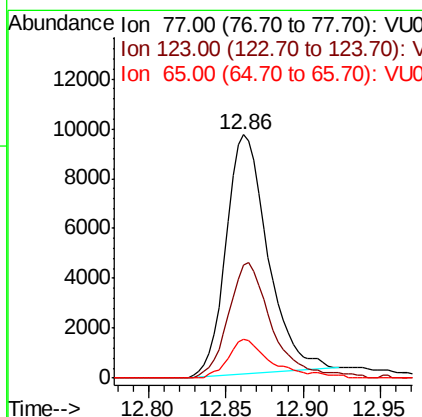
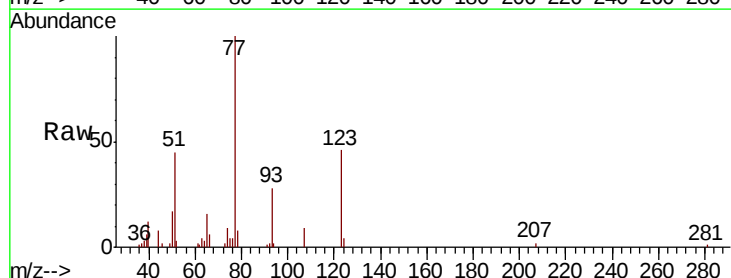
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

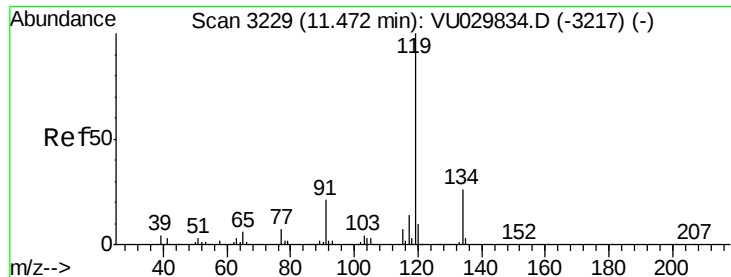
Tgt Ion: 105 Resp: 996746
 Ion Ratio Lower Upper
 105 100
 134 20.3 16.3 24.5



#80
 Nitrobenzene
 Concen: 58.171 ug/l
 RT: 12.86 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 77 Resp: 17966
 Ion Ratio Lower Upper
 77 100
 123 50.4 20.2 71.4
 65 13.8 14.0 17.8#

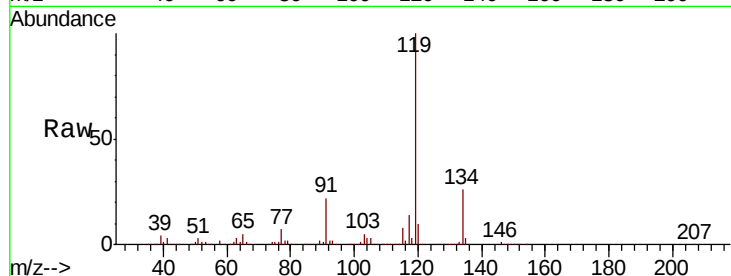




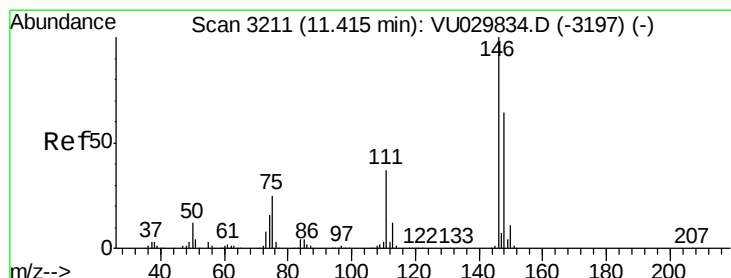
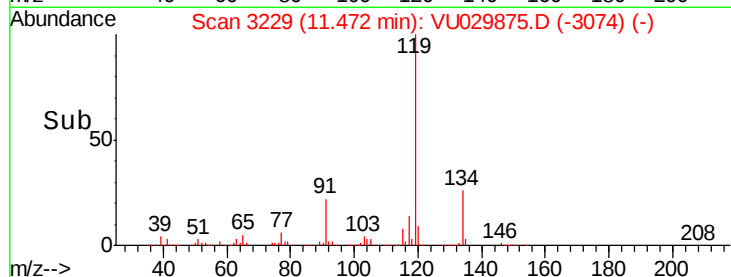
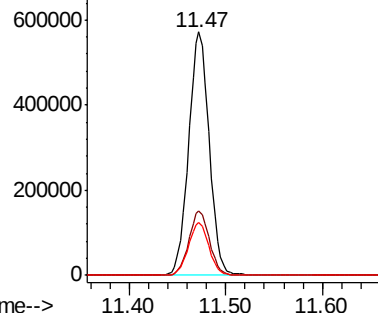
#81
p-Isopropyltoluene
Concen: 10.880 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:119 Resp: 841346
Ion Ratio Lower Upper
119 100
134 26.5 21.2 31.8
91 21.8 17.2 25.8

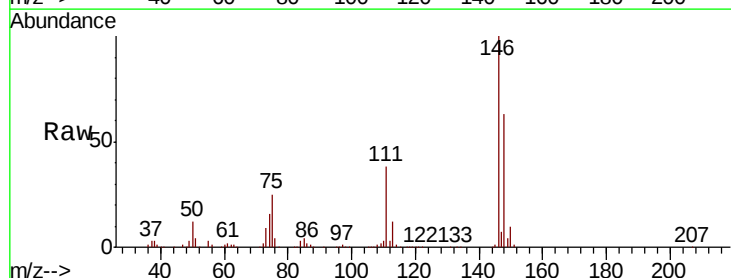


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

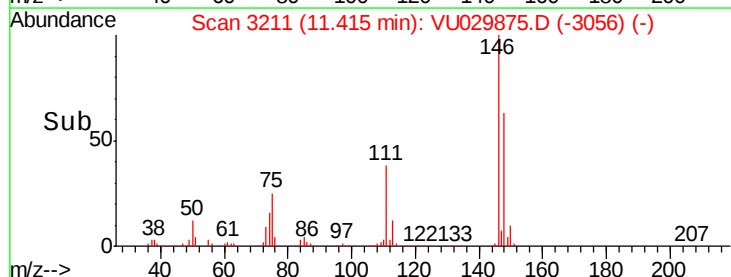
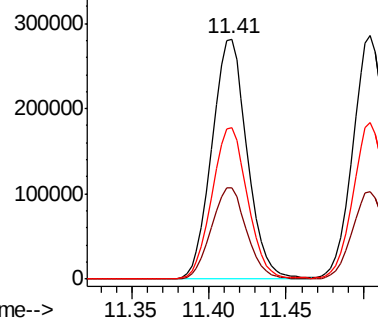


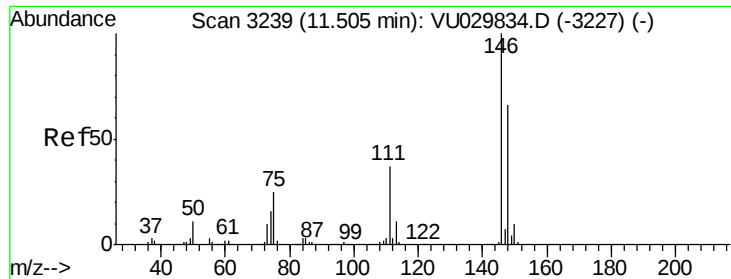
#82
1,3-Dichlorobenzene
Concen: 10.188 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion:146 Resp: 446588
Ion Ratio Lower Upper
146 100
111 38.2 30.2 45.4
148 63.6 51.2 76.8



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

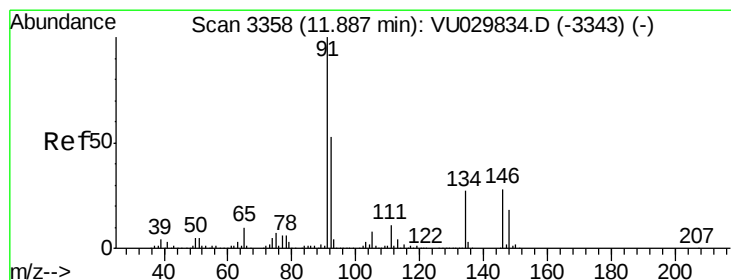
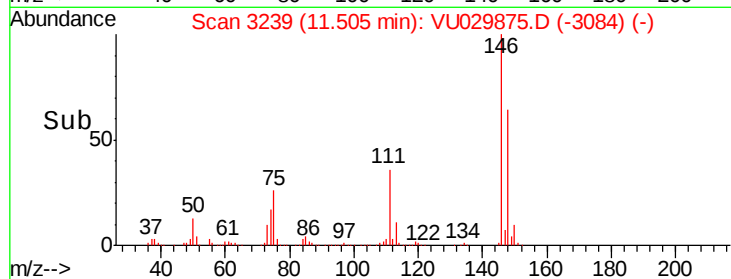
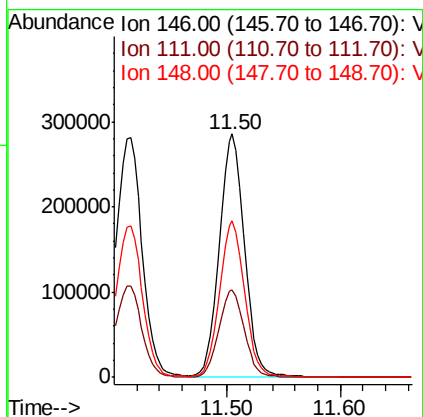
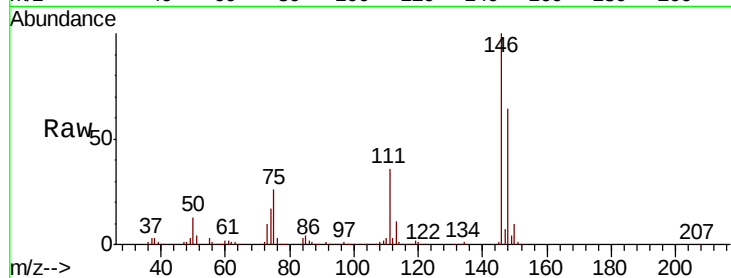




#83
 1,4-Dichlorobenzene
 Concen: 10.302 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

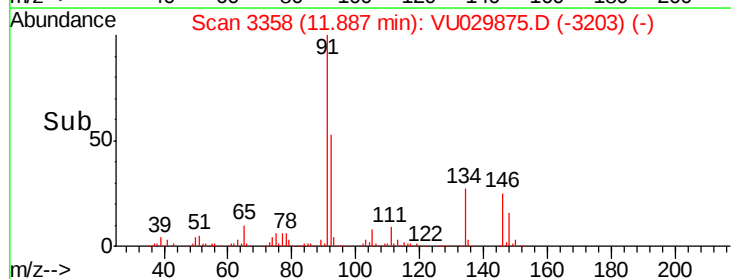
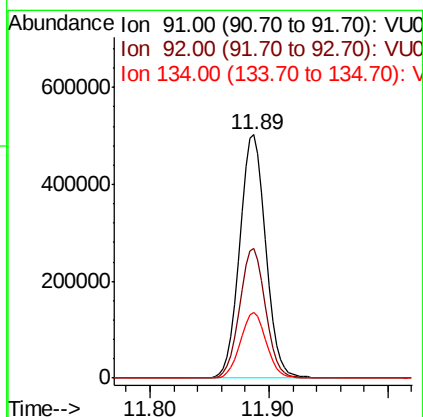
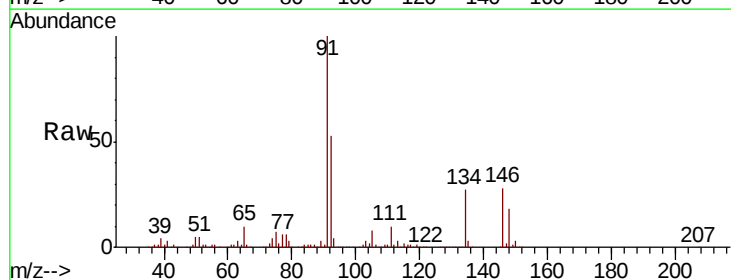
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

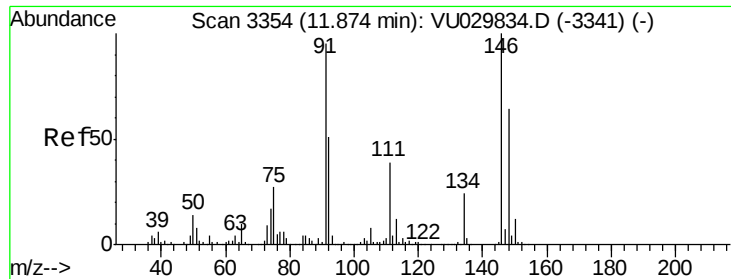
Tgt Ion: 146 Resp: 441274
 Ion Ratio Lower Upper
 146 100
 111 36.2 29.4 44.2
 148 64.2 51.7 77.5



#84
 n-Butylbenzene
 Concen: 10.809 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 91 Resp: 761593
 Ion Ratio Lower Upper
 91 100
 92 53.1 42.6 63.8
 134 27.0 21.7 32.5





#85

1,2-Dichlorobenzene

Concen: 9.987 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

BFB

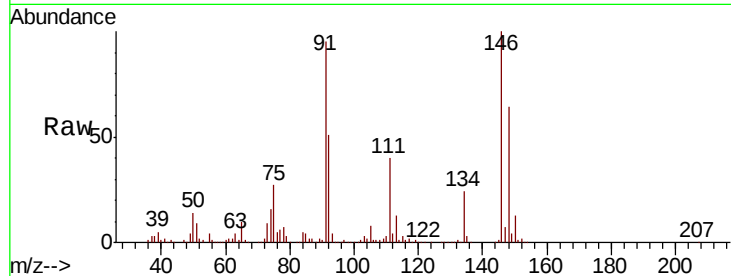
Tgt Ion:146 Resp: 412814

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.6

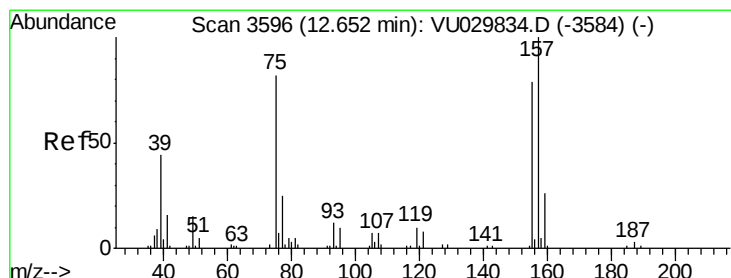
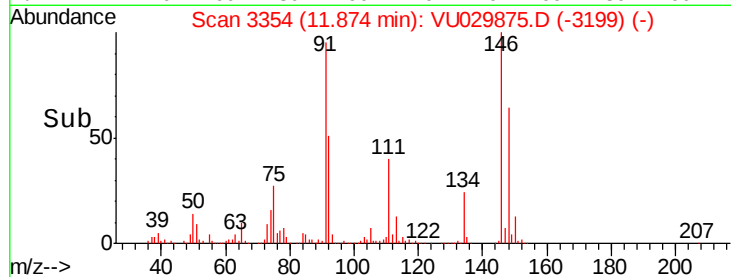
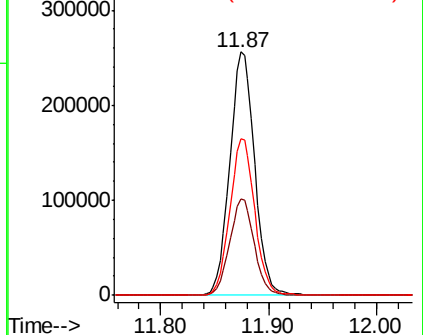
148 64.2 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.181 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

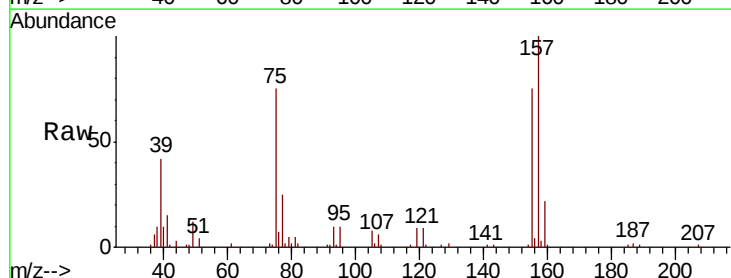
Tgt Ion: 75 Resp: 24730

Ion Ratio Lower Upper

75 100

155 101.9 76.6 114.8

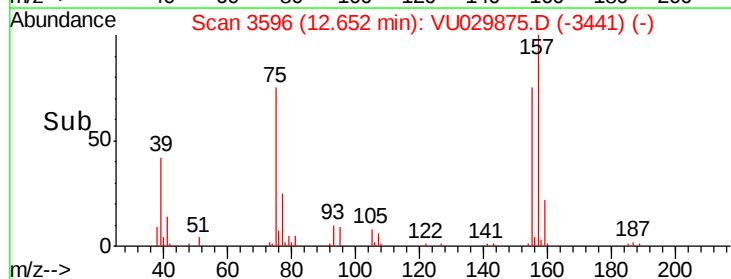
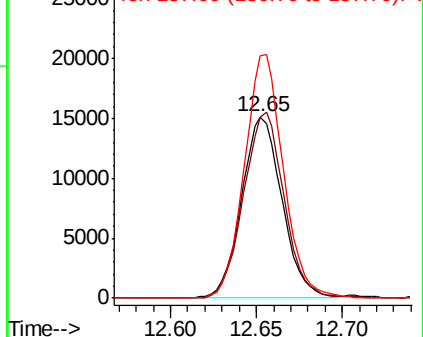
157 128.8 96.2 144.2

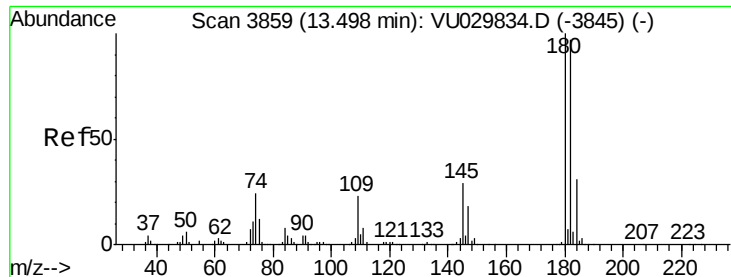


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

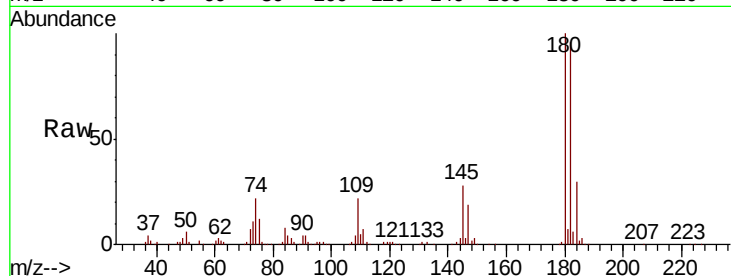




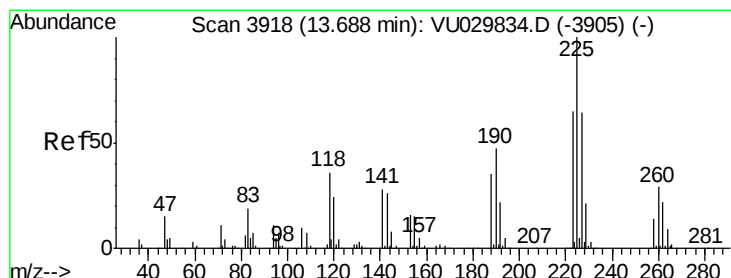
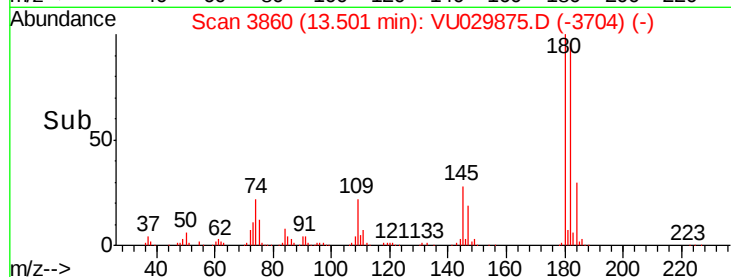
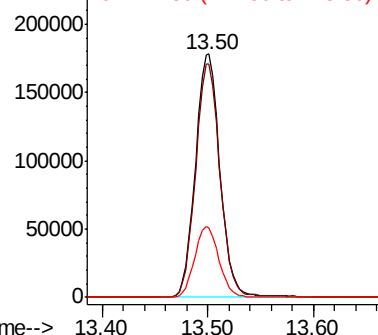
#87
 1,2,4-Trichlorobenzene
 Concen: 10.817 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 286345
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.5 116.3
 145 28.8 23.6 35.4

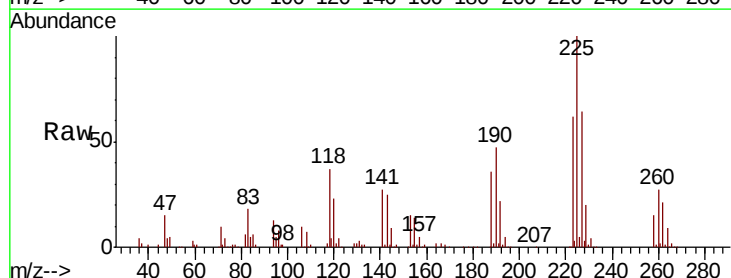


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

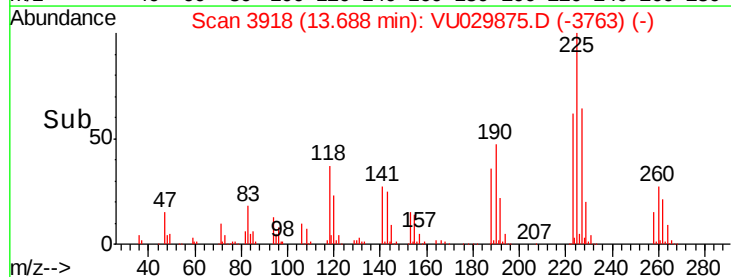
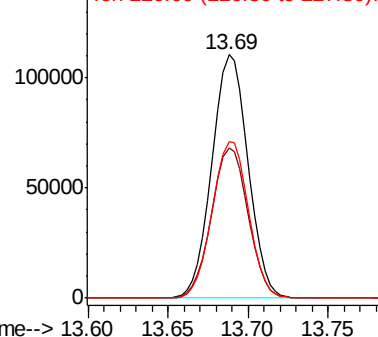


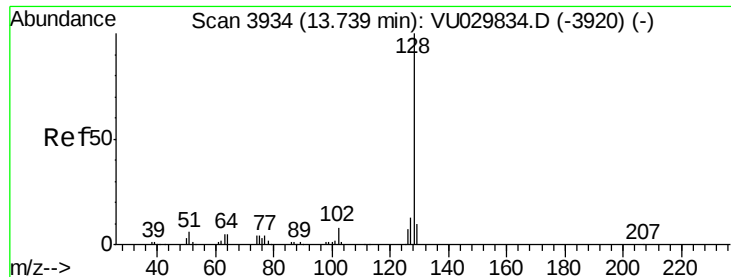
#88
 Hexachlorobutadiene
 Concen: 10.165 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion:225 Resp: 169481
 Ion Ratio Lower Upper
 225 100
 223 62.6 51.2 76.8
 227 64.7 50.9 76.3



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: 9.289 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

BFB

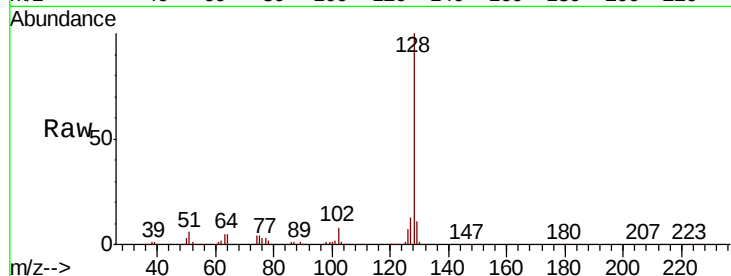
Tgt Ion:128 Resp: 474238

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

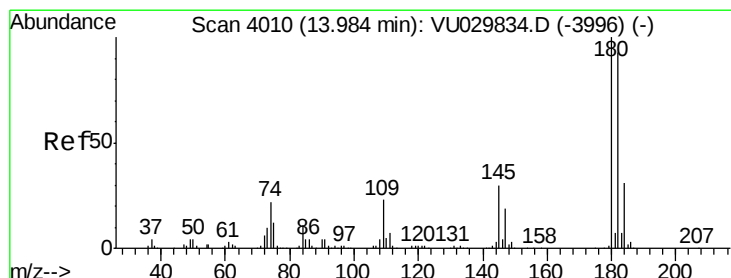
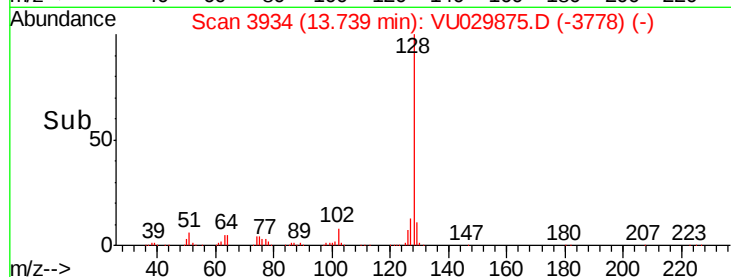
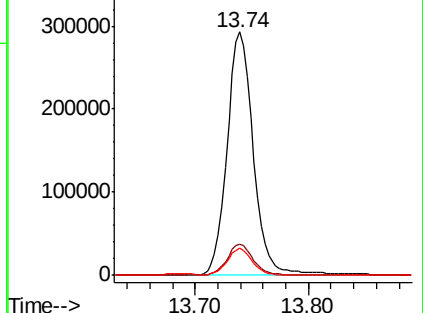
129 10.3 8.2 12.4



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: 10.535 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

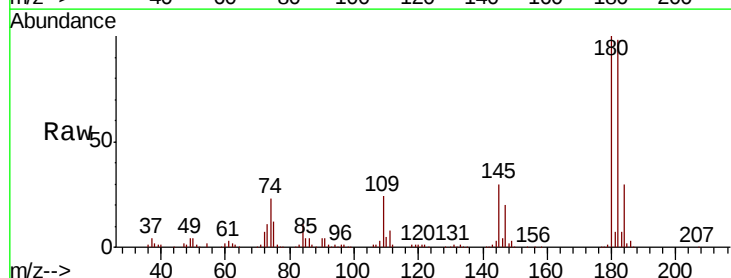
Tgt Ion:180 Resp: 261993

Ion Ratio Lower Upper

180 100

182 95.6 74.8 112.2

145 29.9 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

