

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122318\
 Data File : VW007823.D
 Acq On : 22 Dec 2018 05:22
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Dec 23 23:45:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41084	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
35) Dibromofluoromethane	7.88	113	37649	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.32	98	145116	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.62	95	55857	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	28437	45.871	ug/l	99
3) Chloromethane	2.22	50	24984	65.631	ug/l	97
4) Vinyl Chloride	2.37	62	28917	59.674	ug/l	90
5) Bromomethane	2.78	94	20322	60.210	ug/l	99
6) Chloroethane	2.93	64	16802	64.810	ug/l	94
7) Trichlorofluoromethane	3.26	101	22403	44.406	ug/l	95
8) Diethyl Ether	3.68	74	17370	56.212	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35166	47.329	ug/l	99
10) Methyl Iodide	4.26	142	60615	51.299	ug/l	96
11) Tert butyl alcohol	5.18	59	14281	276.979	ug/l	98
12) 1,1-Dichloroethene	4.04	96	35263	51.253	ug/l	95
13) Acrolein	3.89	56	9955	241.479	ug/l	98
14) Allyl chloride	4.66	41	50350	55.805	ug/l	93
15) Acrylonitrile	5.36	53	38089	288.960	ug/l	98
16) Acetone	4.12	43	31620	220.922	ug/l	93
17) Carbon Disulfide	4.38	76	101045	47.459	ug/l	100
18) Methyl Acetate	4.67	43	22347	65.651	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	58474	59.200	ug/l	97
20) Methylene Chloride	4.92	84	38118	53.724	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	39732	52.508	ug/l	97
22) Diisopropyl ether	6.31	45	99662	58.992	ug/l	99
23) Vinyl Acetate	6.25	43	279864	278.823	ug/l	99
24) 1,1-Dichloroethane	6.21	63	67195	54.066	ug/l	98
25) 2-Butanone	7.17	43	45440	271.050	ug/l	95
26) 2,2-Dichloropropane	7.17	77	39425	43.350	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	43674	54.174	ug/l	98
28) Bromochloromethane	7.51	49	25530	60.248	ug/l #	94
29) Tetrahydrofuran	7.53	42	31210	312.109	ug/l	96
30) Chloroform	7.67	83	72786	51.749	ug/l	100
31) Cyclohexane	7.95	56	55735	48.985	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	61450	47.971	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55299	48.609	ug/l	99
37) Ethyl Acetate	7.25	43	21431	54.585	ug/l	97
38) Carbon Tetrachloride	8.07	117	57003	42.546	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67823	47.978	ug/l	99
40) Benzene	8.32	78	153564	50.585	ug/l	99
41) Methacrylonitrile	7.48	41	14243	63.896	ug/l	88
42) 1,2-Dichloroethane	8.40	62	49227	48.388	ug/l	99
43) Isopropyl Acetate	8.43	43	43659	55.505	ug/l	98
44) Trichloroethene	9.09	130	44354	48.313	ug/l	98
45) 1,2-Dichloropropane	9.37	63	36267	53.840	ug/l	96
46) Dibromomethane	9.46	93	20466	49.357	ug/l	99
47) Bromodichloromethane	9.65	83	51947	47.654	ug/l	98
48) Methyl methacrylate	9.44	41	21819	55.572	ug/l	96
49) 1,4-Dioxane	9.45	88	7569	1151.327	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	104951	282.325	ug/l	99
52) Toluene	10.39	92	101203	49.687	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	53503	49.344	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	59697	49.845	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29303	51.262	ug/l	96
56) Ethyl methacrylate	10.65	69	36971	54.740	ug/l	97
57) 1,3-Dichloropropane	10.93	76	50127	52.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92765	300.828	ug/l	99
59) 2-Hexanone	10.97	43	71481	273.421	ug/l	99
60) Dibromochloromethane	11.13	129	34948	46.173	ug/l	98
61) 1,2-Dibromoethane	11.24	107	29194	50.432	ug/l	99
64) Tetrachloroethene	10.86	164	39681	52.321	ug/l	97
65) Chlorobenzene	11.66	112	113738	49.065	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	40798	49.255	ug/l	98
67) Ethyl Benzene	11.73	91	201669	50.698	ug/l	98
68) m/p-Xylenes	11.84	106	154445	100.089	ug/l	99
69) o-Xylene	12.17	106	73480	50.801	ug/l	100
70) Styrene	12.18	104	120713	50.770	ug/l	99
71) Bromoform	12.35	173	19297	44.878	ug/l #	99
73) Isopropylbenzene	12.47	105	207945	51.651	ug/l	99
74) N-amyl acetate	12.27	43	40350	57.862	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	32176	53.305	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	43622	105.967	ug/l #	100
77) Bromobenzene	12.75	156	46443	50.337	ug/l	97
78) n-propylbenzene	12.81	91	239092	51.018	ug/l	99
79) 2-Chlorotoluene	12.90	91	141647	51.884	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	179338	51.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9171	46.764	ug/l	98
82) 4-Chlorotoluene	12.99	91	147653	50.794	ug/l	100
83) tert-Butylbenzene	13.21	119	157920	51.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	182625	52.117	ug/l	99
85) sec-Butylbenzene	13.39	105	213131	50.754	ug/l	100
86) p-Isopropyltoluene	13.50	119	193914	50.783	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	91869	50.150	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92555	50.509	ug/l	99
89) n-Butylbenzene	13.83	91	176342	50.368	ug/l	99
90) Hexachloroethane	14.10	117	30227	45.090	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	82909	50.549	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6292	50.757	ug/l	98

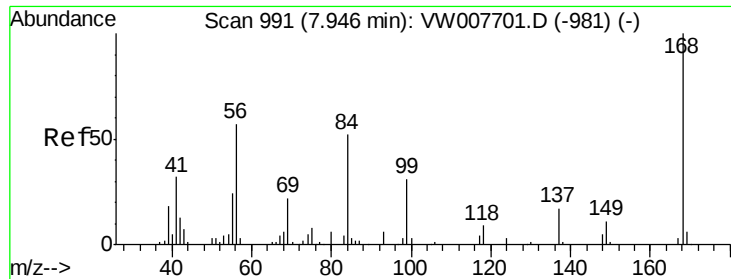
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57993	50.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	30517	50.156	ug/l	99
95) Naphthalene	15.37	128	119861	56.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	50801	52.126	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

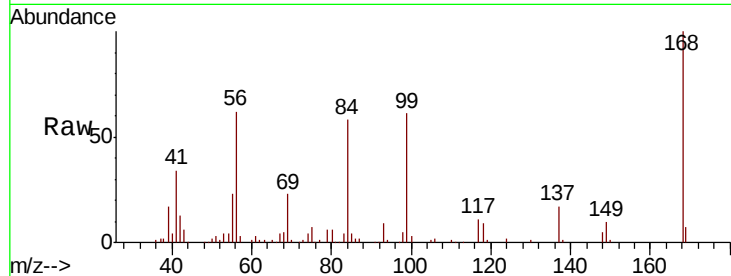
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Tgt Ion: 168 Resp: 69735

Ion Ratio Lower Upper

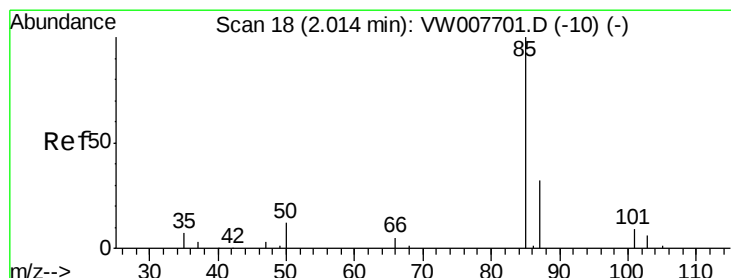
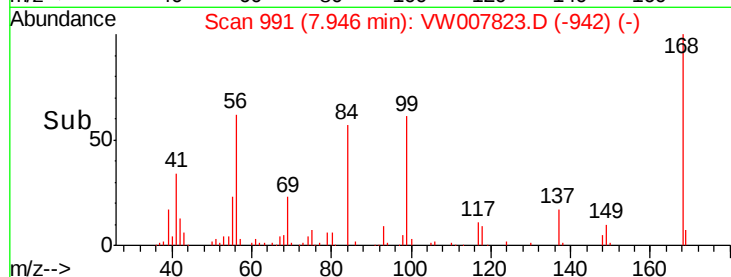
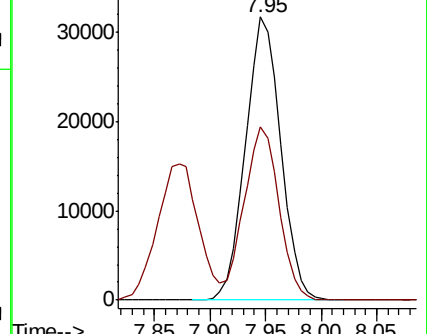
168 100

99 61.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.871 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007823.D

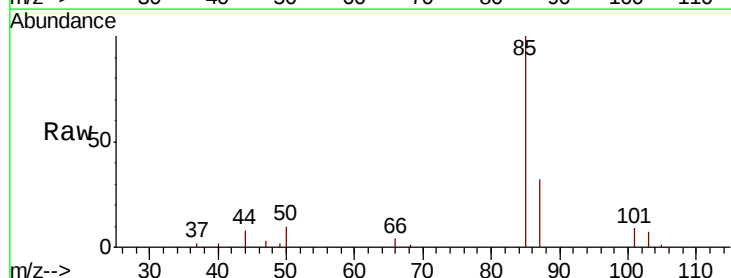
Acq: 22 Dec 2018 05:22

Tgt Ion: 85 Resp: 28437

Ion Ratio Lower Upper

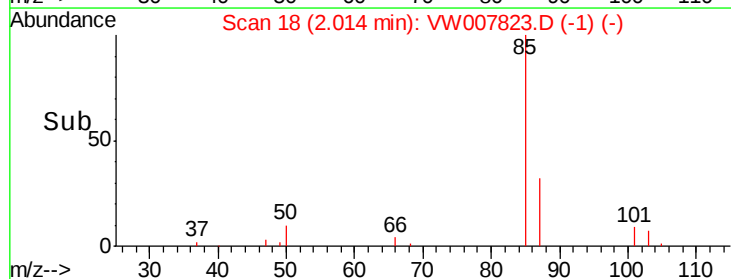
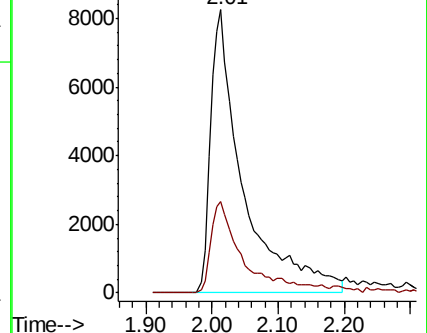
85 100

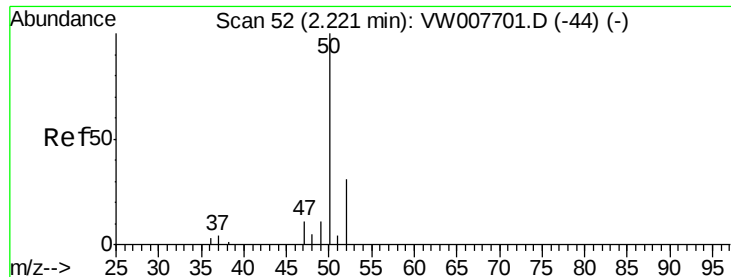
87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 65.631 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

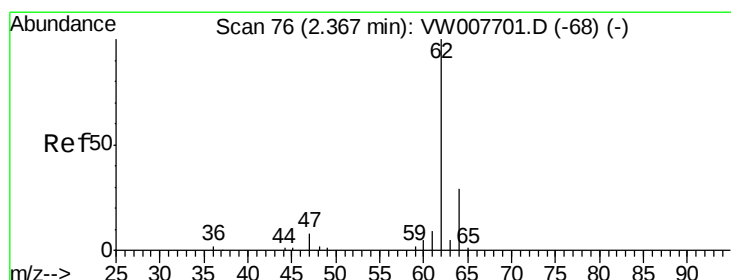
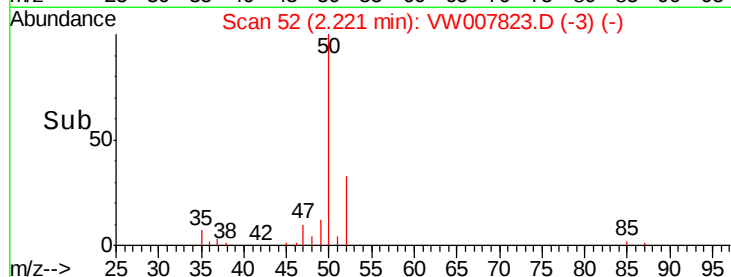
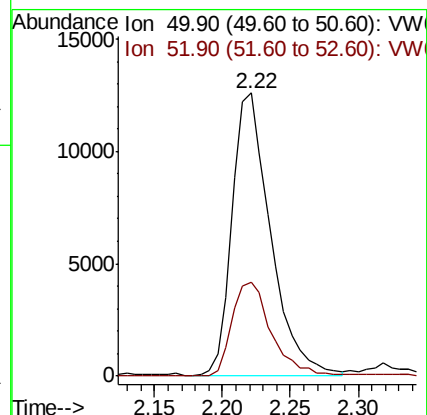
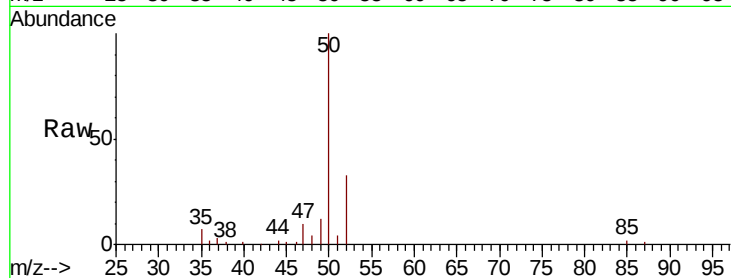
BFB

Tgt Ion: 50 Resp: 24984

Ion Ratio Lower Upper

50 100

52 33.0 25.1 37.7



#4

Vinyl Chloride

Concen: 59.674 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007823.D

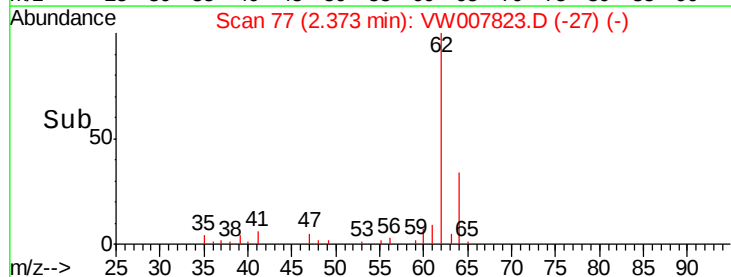
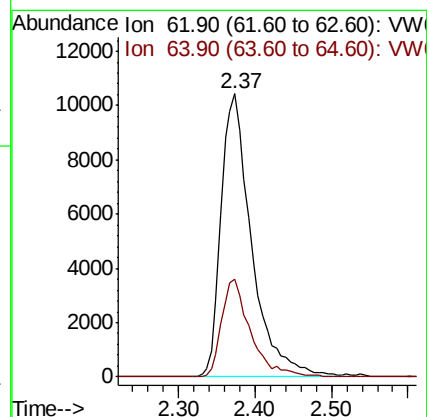
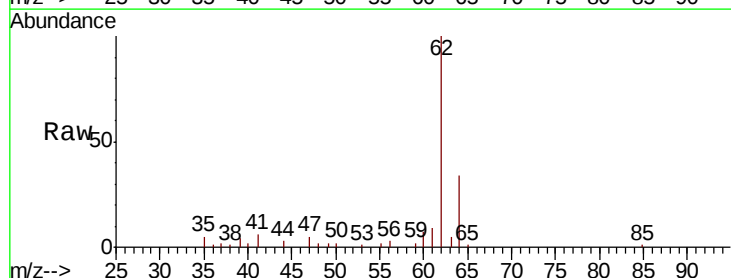
Acq: 22 Dec 2018 05:22

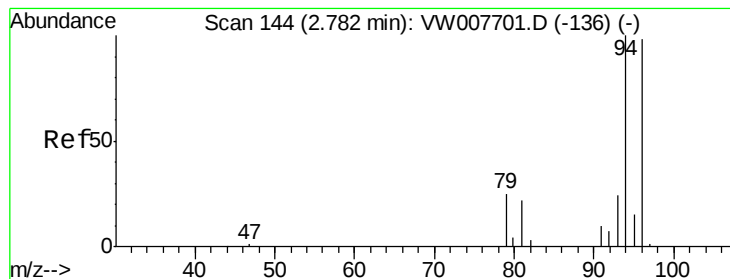
Tgt Ion: 62 Resp: 28917

Ion Ratio Lower Upper

62 100

64 34.5 23.4 35.0





#5

Bromomethane

Concen: 60.210 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

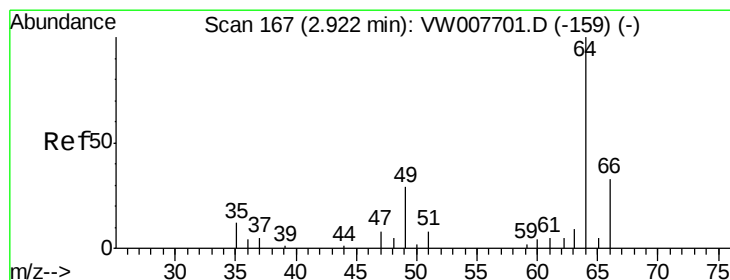
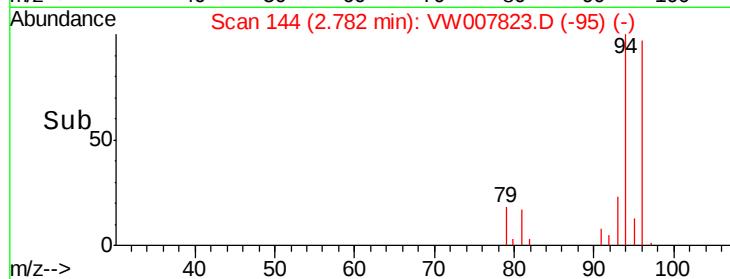
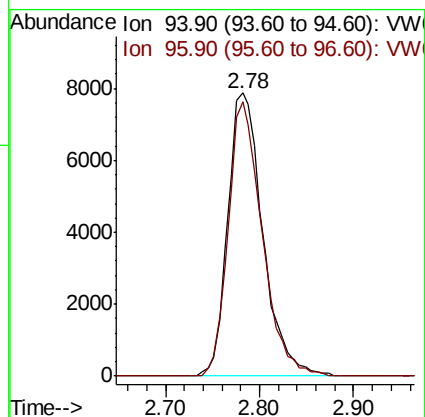
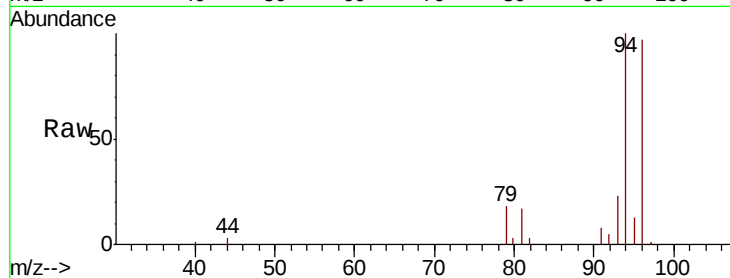
BFB

Tgt Ion: 94 Resp: 20322

Ion Ratio Lower Upper

94 100

96 96.9 78.2 117.2



#6

Chloroethane

Concen: 64.810 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007823.D

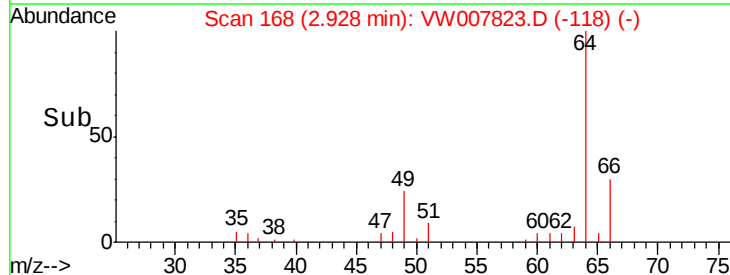
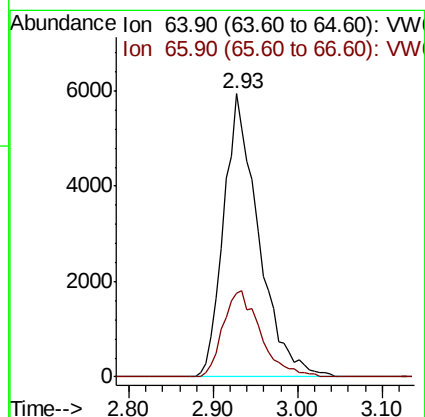
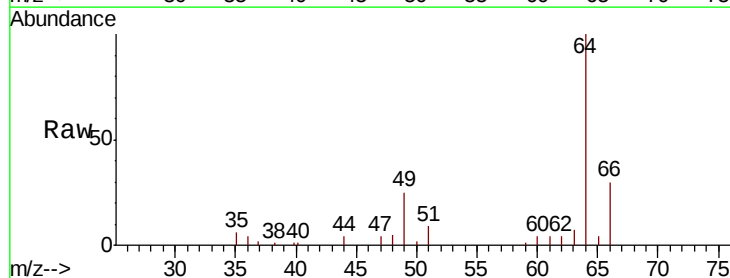
Acq: 22 Dec 2018 05:22

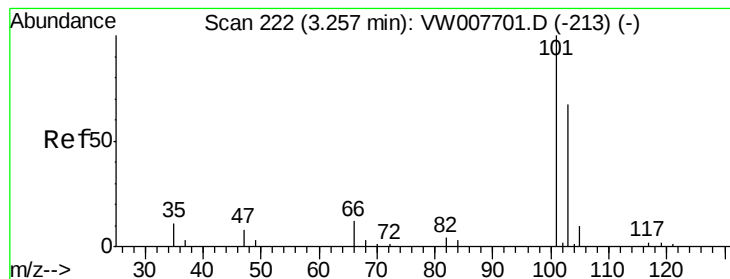
Tgt Ion: 64 Resp: 16802

Ion Ratio Lower Upper

64 100

66 29.6 26.2 39.4



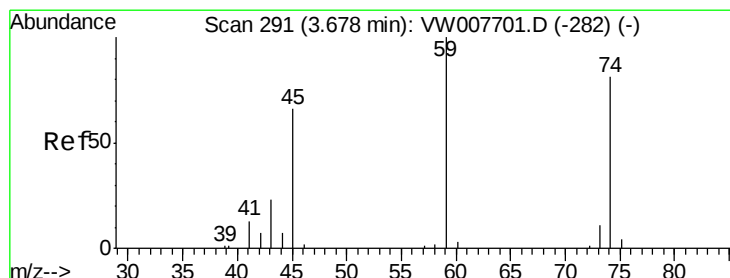
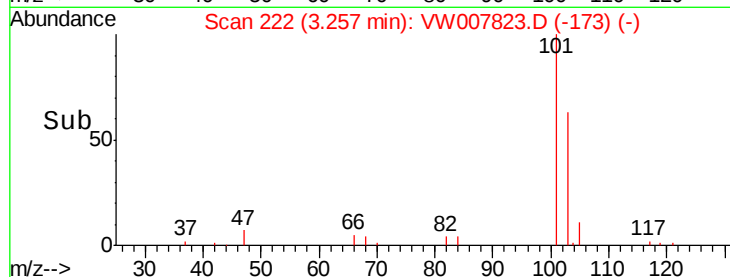
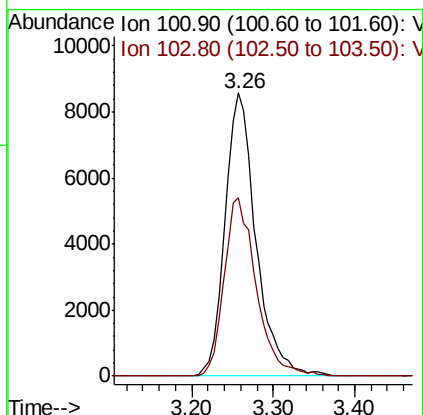
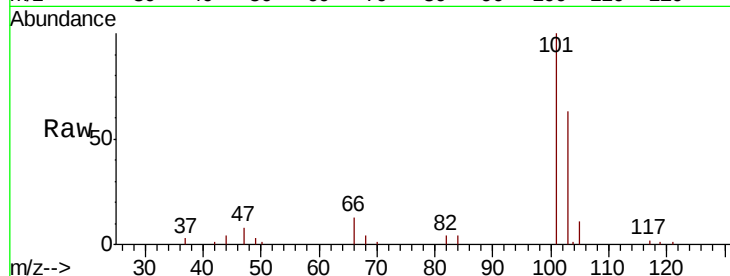


#7

Trichlorofluoromethane
 Concen: 44.406 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
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 ClientSampleId :
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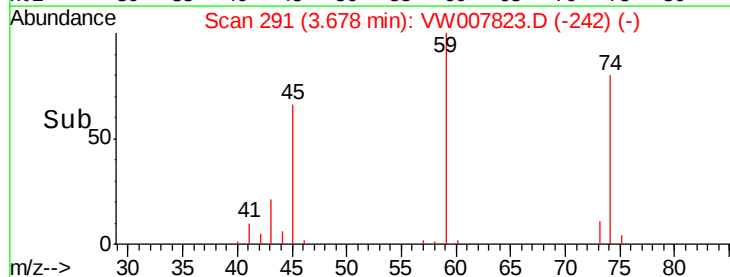
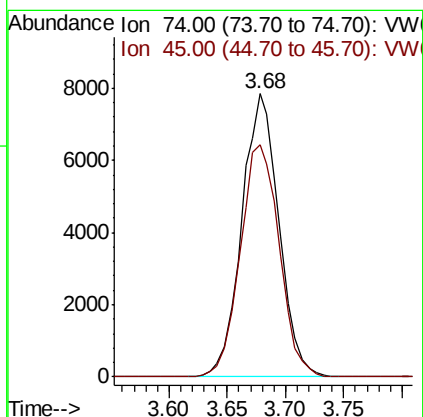
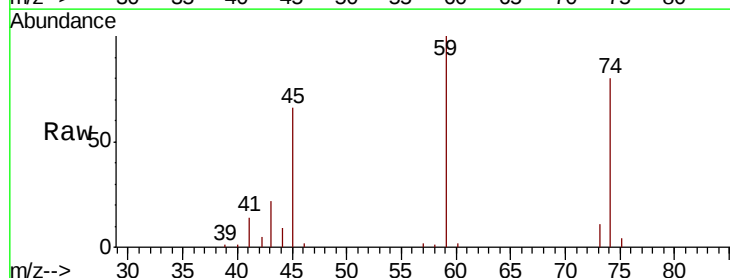
Tgt Ion: 101 Resp: 22403
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.4 80.2

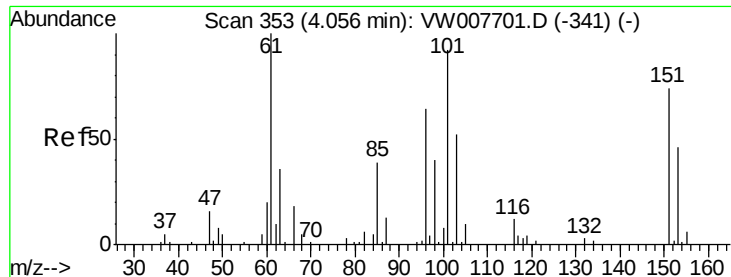


#8

Diethyl Ether
 Concen: 56.212 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 74 Resp: 17370
 Ion Ratio Lower Upper
 74 100
 45 86.6 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.329 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

BFB

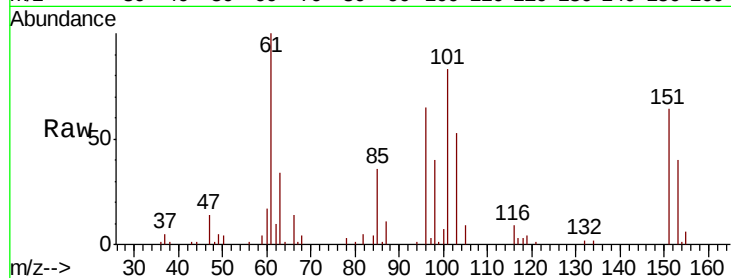
Tgt Ion:101 Resp: 35166

Ion Ratio Lower Upper

101 100

85 43.0 34.3 51.5

151 82.4 64.6 96.8

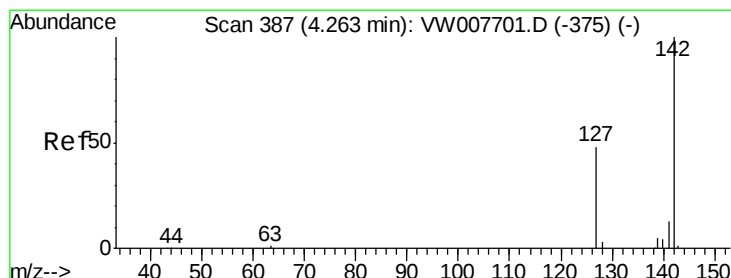
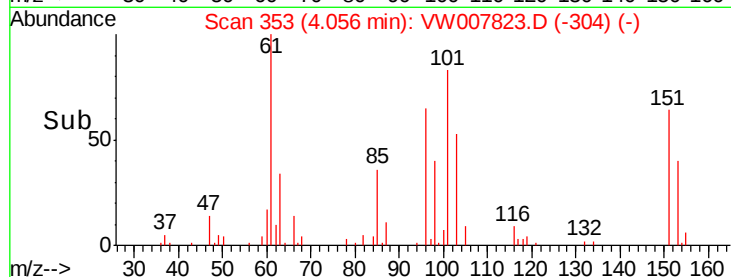
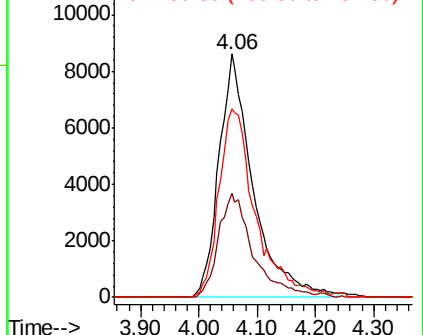


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.299 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

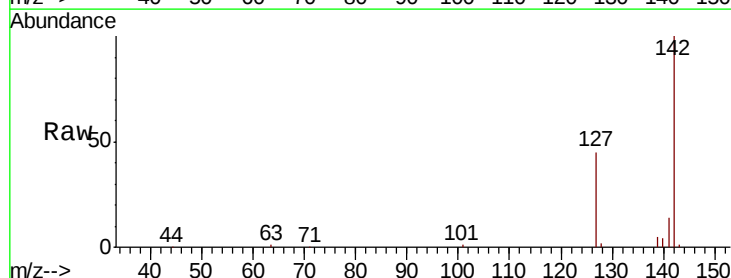
Tgt Ion:142 Resp: 60615

Ion Ratio Lower Upper

142 100

127 43.7 37.7 56.5

141 14.7 11.5 17.3

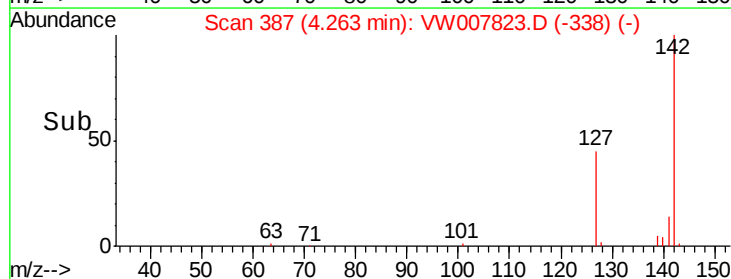
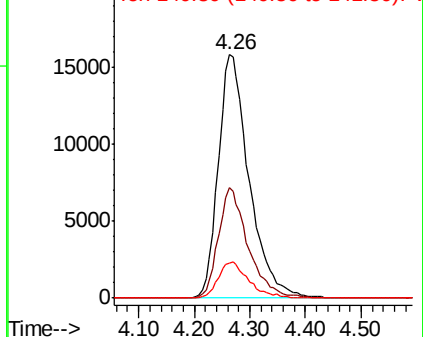


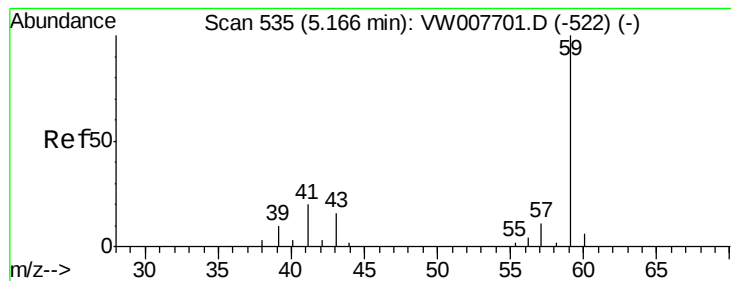
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



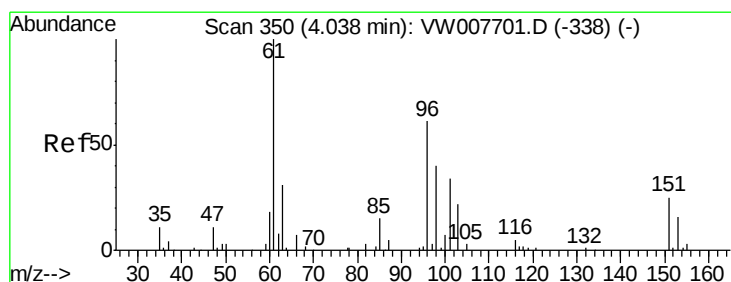
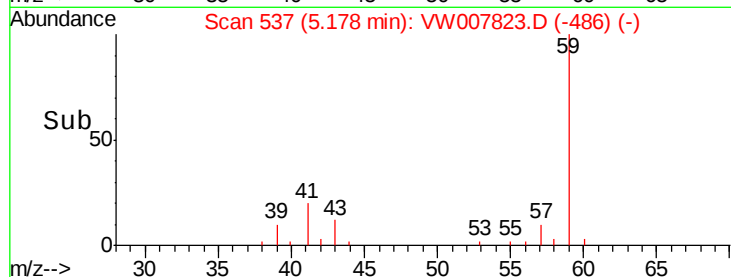
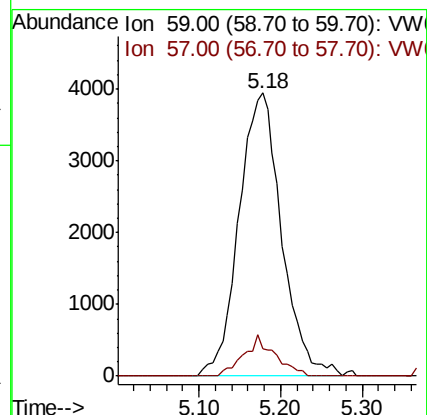
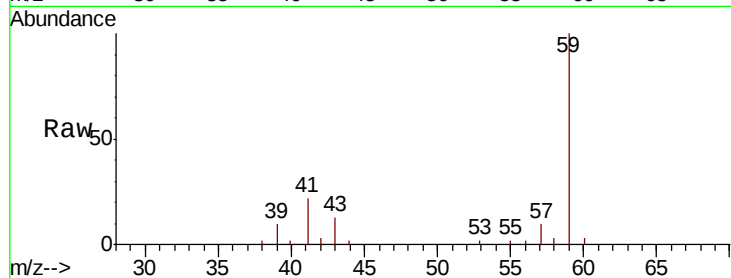


#11

Tert butyl alcohol
Concen: 276.979 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
BFB

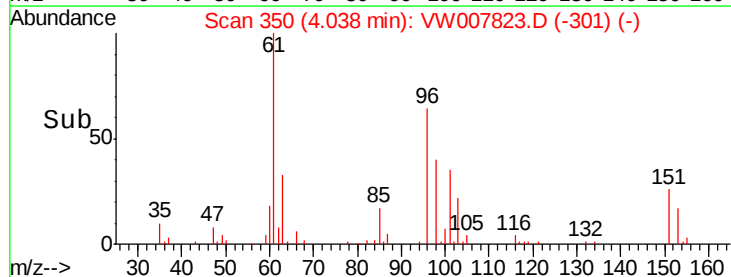
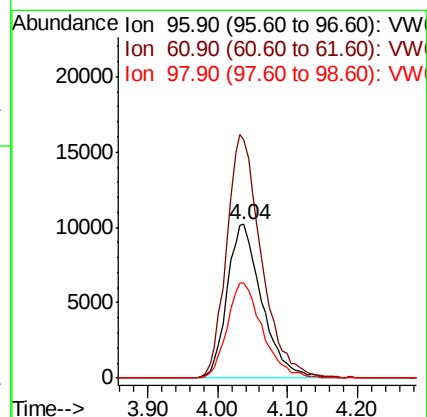
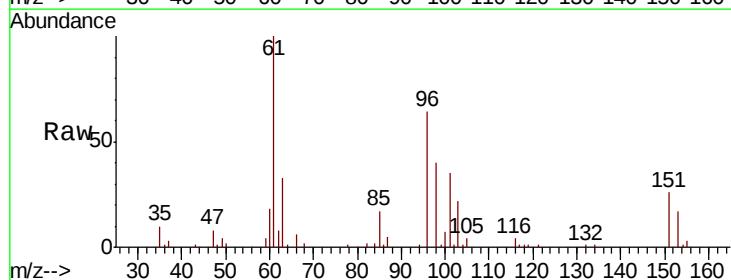
Tgt Ion: 59 Resp: 14281
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8

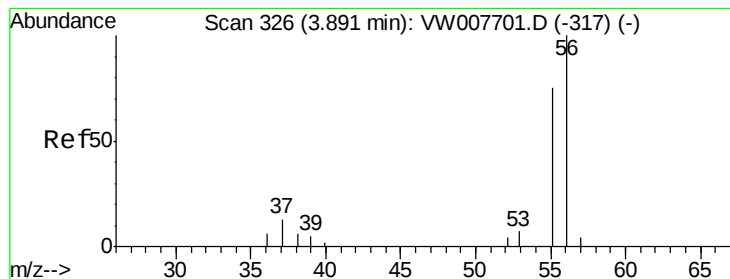


#12

1,1-Dichloroethene
Concen: 51.253 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 96 Resp: 35263
Ion Ratio Lower Upper
96 100
61 155.3 130.6 195.8
98 62.1 52.3 78.5





#13

Acrolein

Concen: 241.479 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

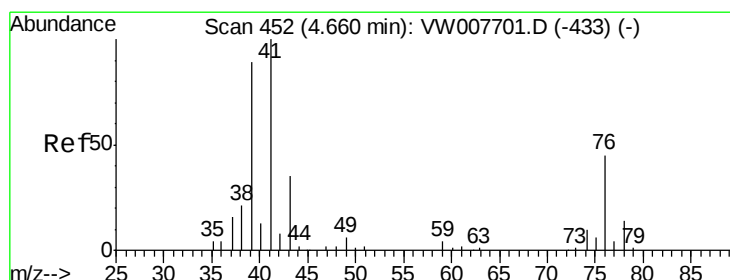
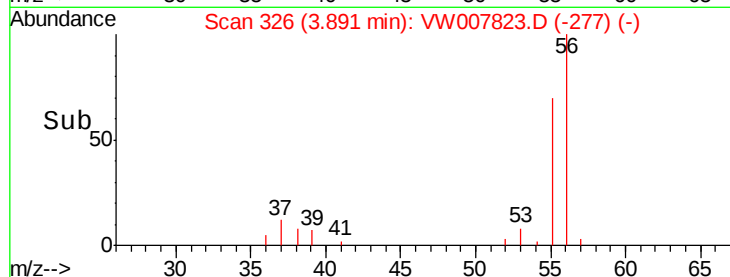
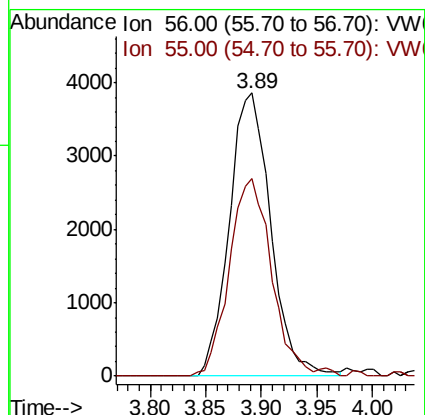
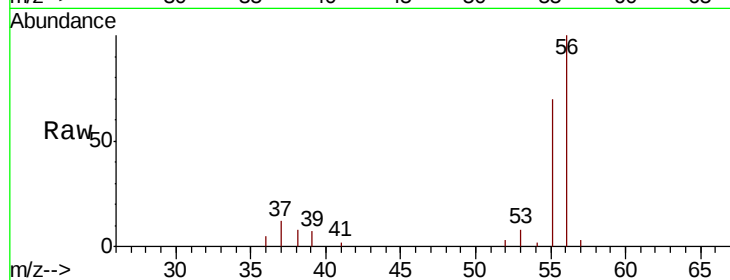
BFB

Tgt Ion: 56 Resp: 9955

Ion Ratio Lower Upper

56 100

55 70.7 57.7 86.5



#14

Allyl chloride

Concen: 55.805 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

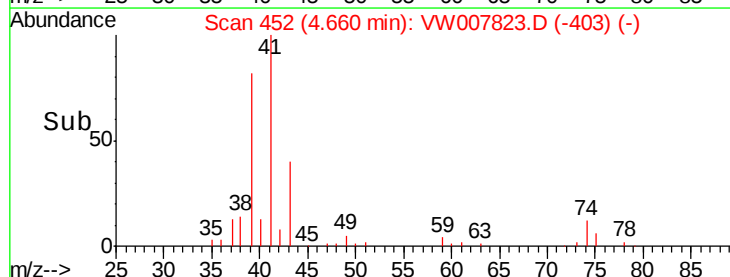
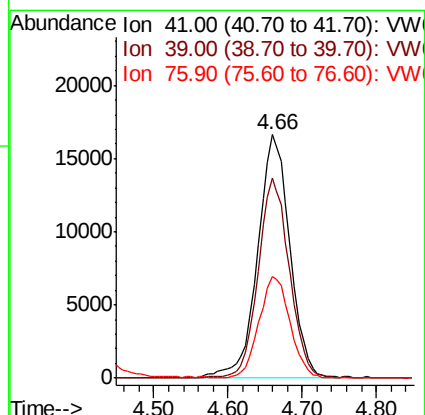
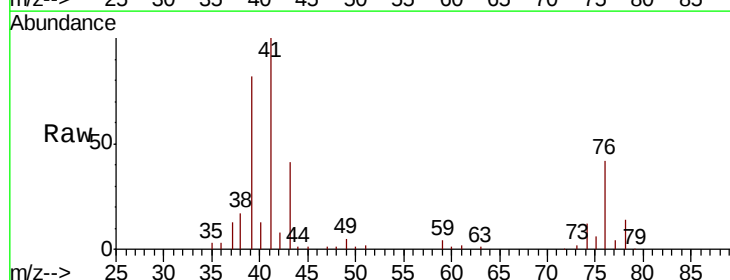
Tgt Ion: 41 Resp: 50350

Ion Ratio Lower Upper

41 100

39 79.3 69.5 104.3

76 40.3 34.8 52.2





#15

Acrylonitrile

Concen: 288.960 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

BFB

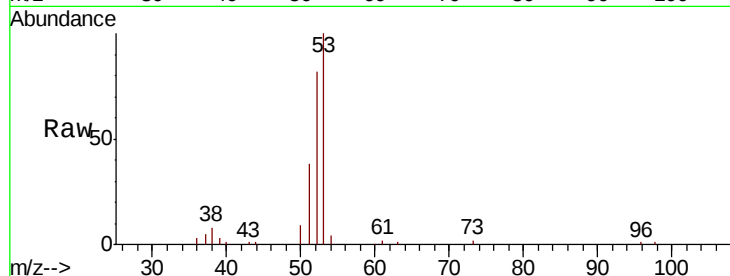
Tgt Ion: 53 Resp: 38089

Ion Ratio Lower Upper

53 100

52 84.8 67.0 100.4

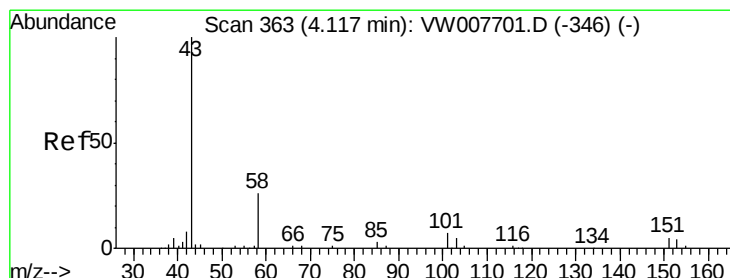
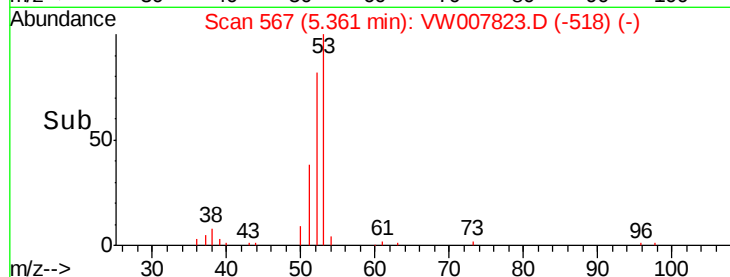
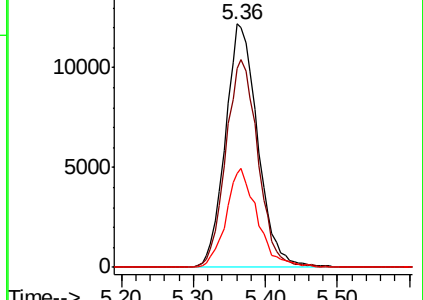
51 39.1 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 220.922 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007823.D

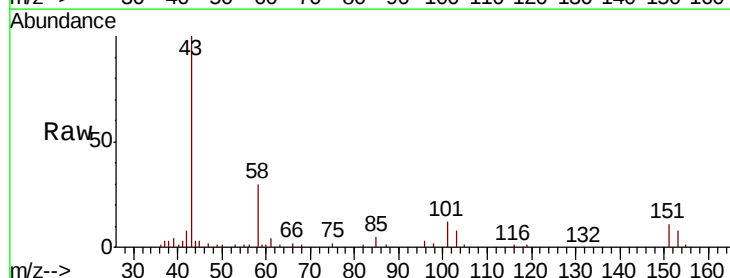
Acq: 22 Dec 2018 05:22

Tgt Ion: 43 Resp: 31620

Ion Ratio Lower Upper

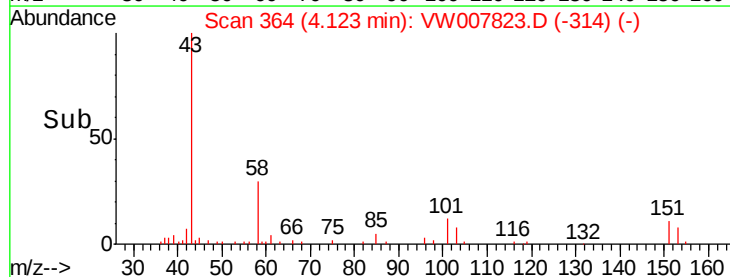
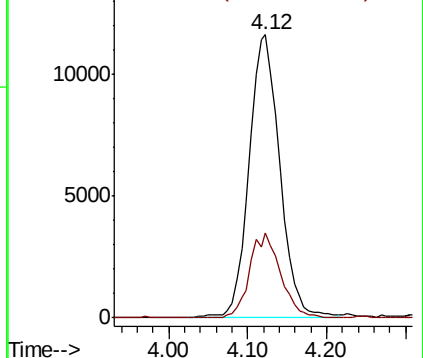
43 100

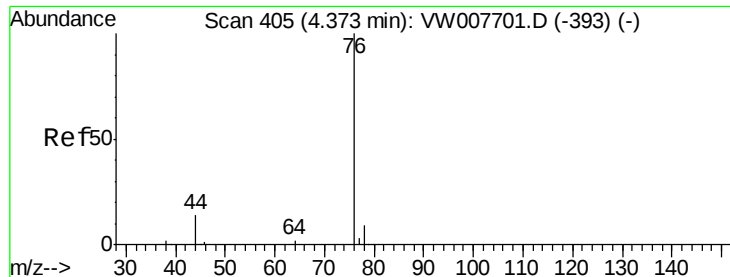
58 30.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

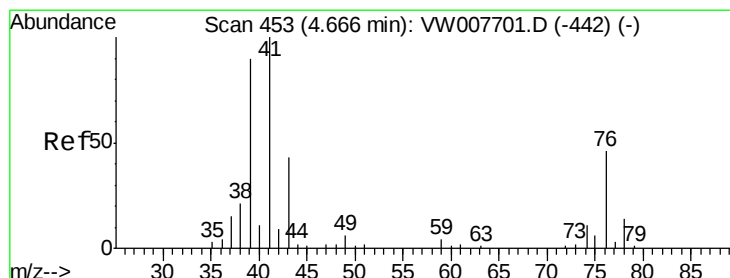
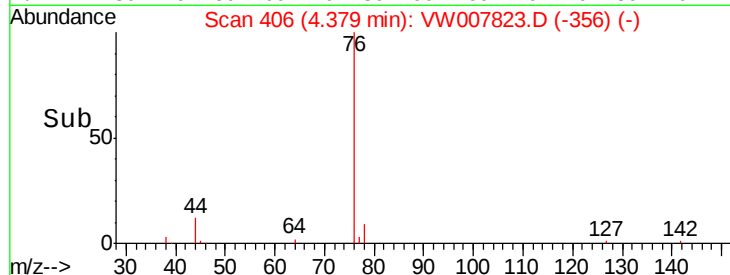
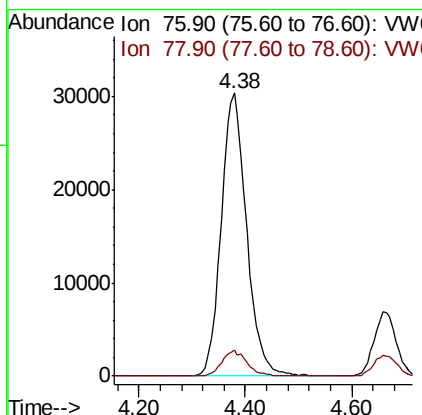
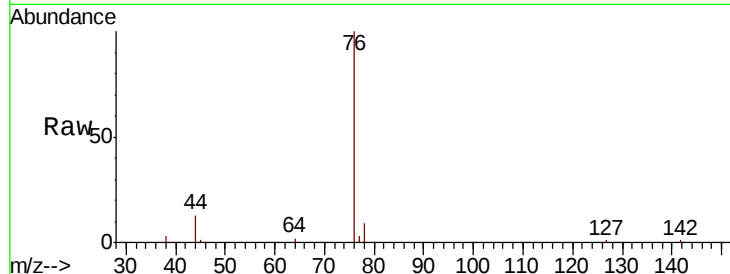




#17
Carbon Disulfide
Concen: 47.459 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

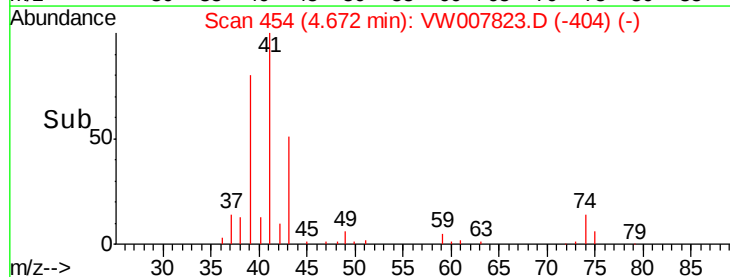
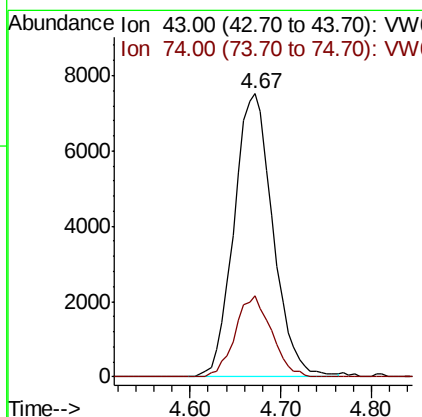
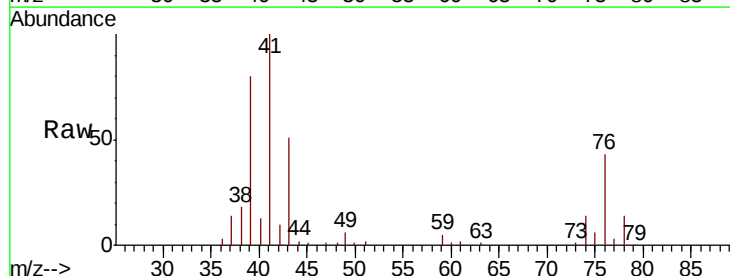
Instrument :
MSVOA_W
ClientSampleId :
BFB

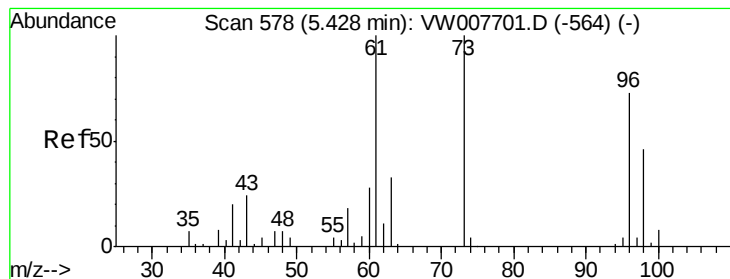
Tgt Ion: 76 Resp: 101045
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 65.651 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 43 Resp: 22347
Ion Ratio Lower Upper
43 100
74 26.7 22.7 34.1





#19

Methyl tert-butyl Ether

Concen: 59.200 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

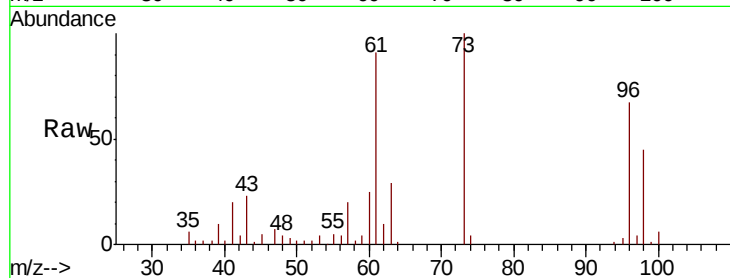
BFB

Tgt Ion: 73 Resp: 58474

Ion Ratio Lower Upper

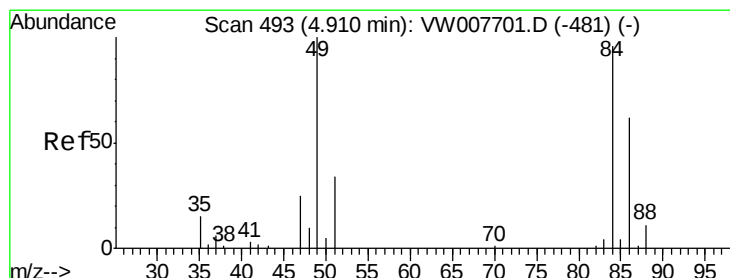
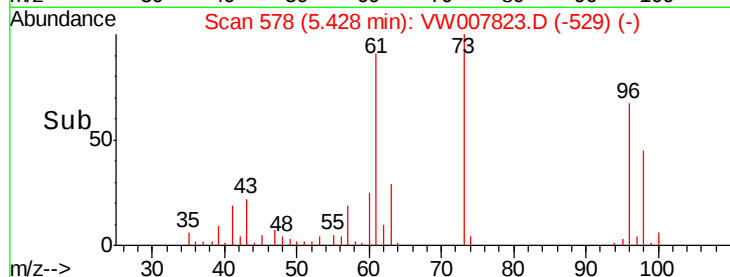
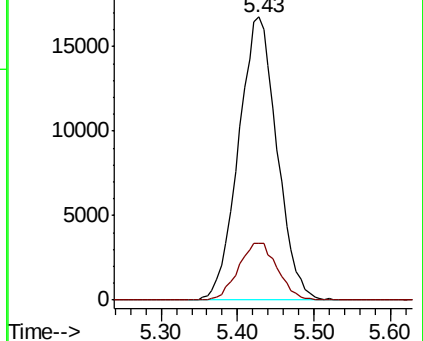
73 100

57 19.9 14.7 22.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 53.724 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion: 84 Resp: 38118

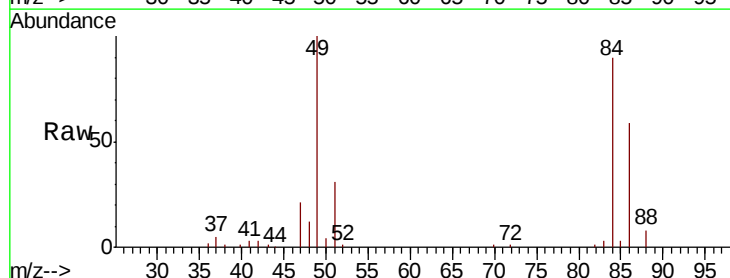
Ion Ratio Lower Upper

84 100

49 111.0 83.7 125.5

51 33.9 28.2 42.2

86 66.0 52.2 78.2

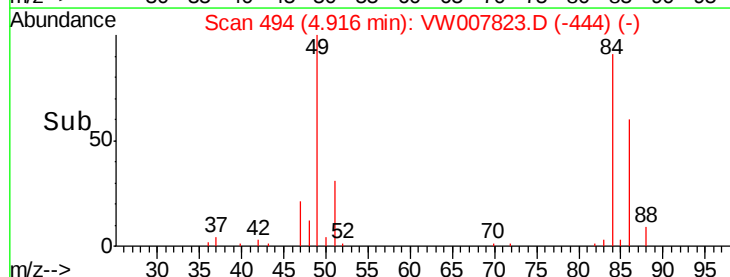
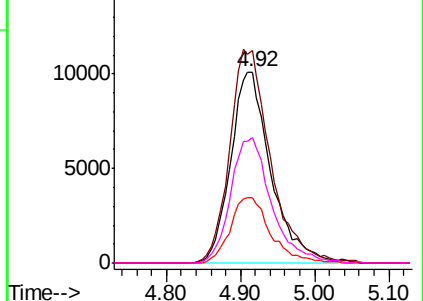


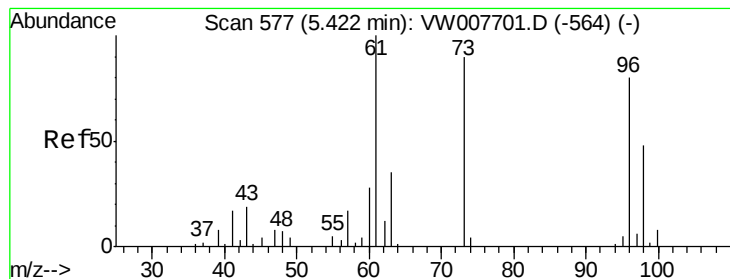
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 52.508 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

BFB

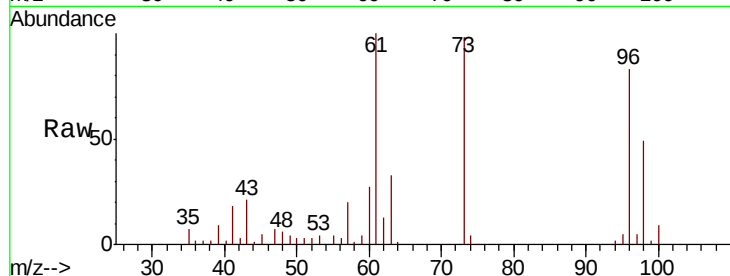
Tgt Ion: 96 Resp: 39732

Ion Ratio Lower Upper

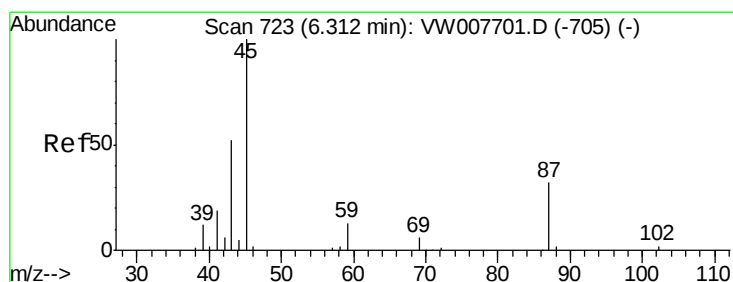
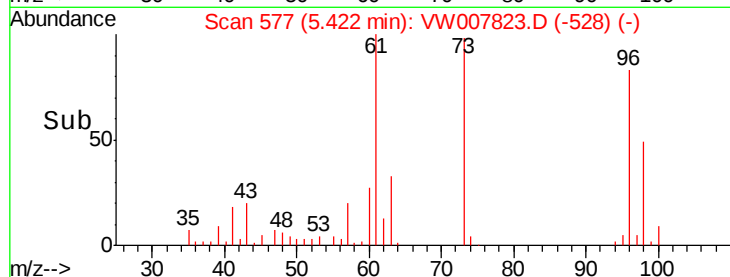
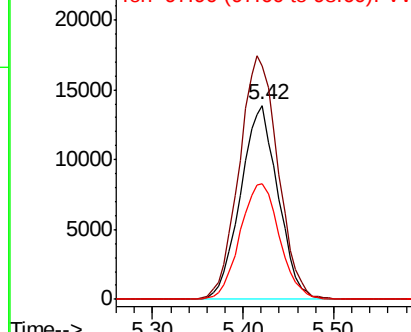
96 100

61 120.6 100.1 150.1

98 59.4 48.5 72.7



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



#22

Diisopropyl ether

Concen: 58.992 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion: 45 Resp: 99662

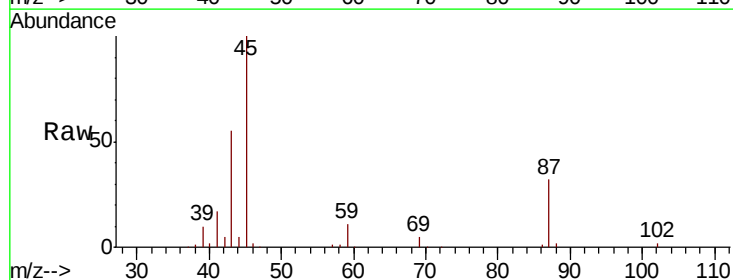
Ion Ratio Lower Upper

45 100

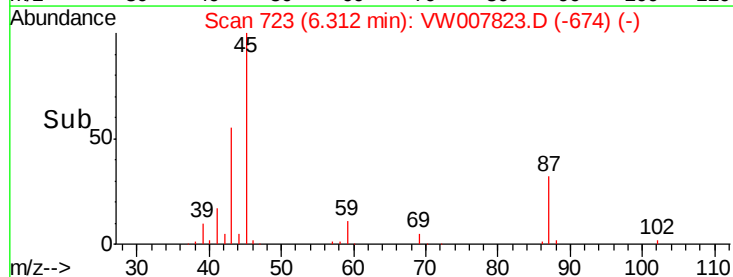
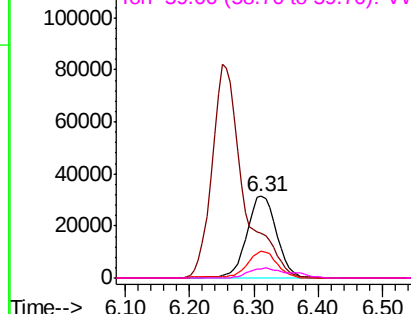
43 54.1 43.7 65.5

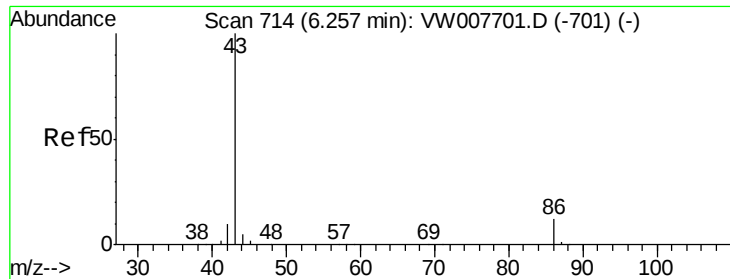
87 32.4 26.6 40.0

59 11.5 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

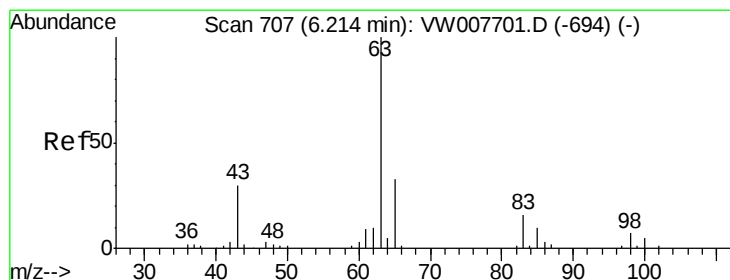
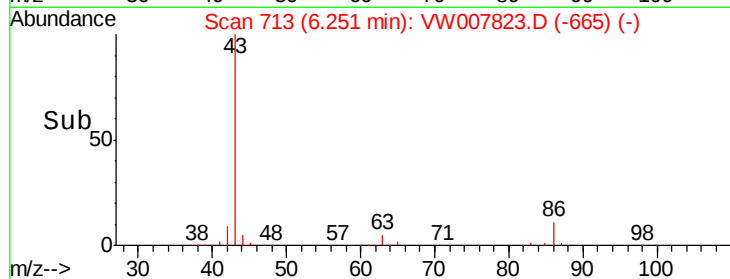
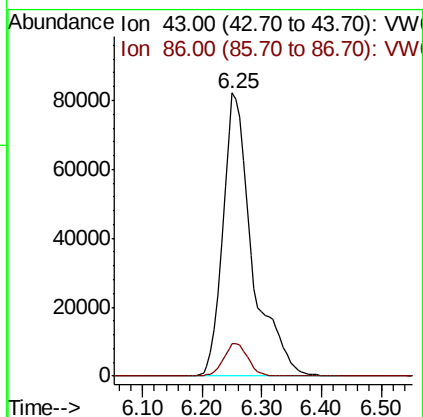
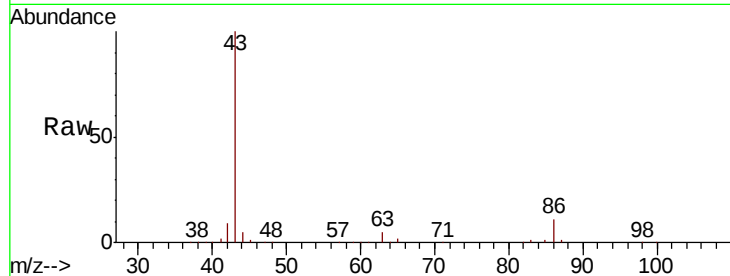




#23
 Vinyl Acetate
 Concen: 278.823 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

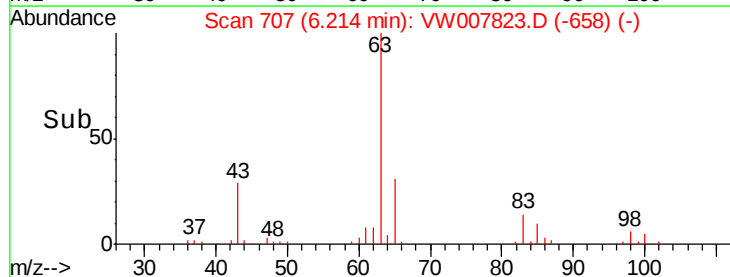
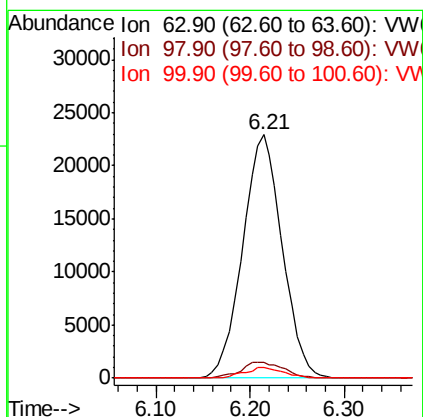
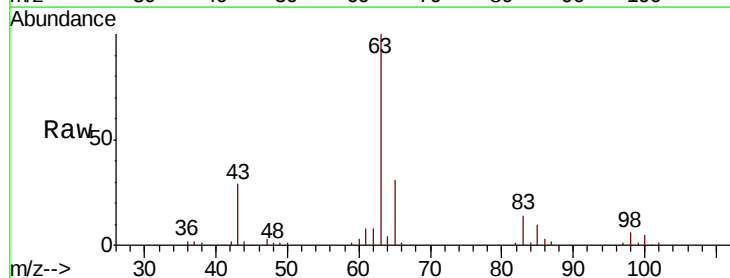
Instrument :
 MSVOA_W
 ClientSampleID :
 BFB

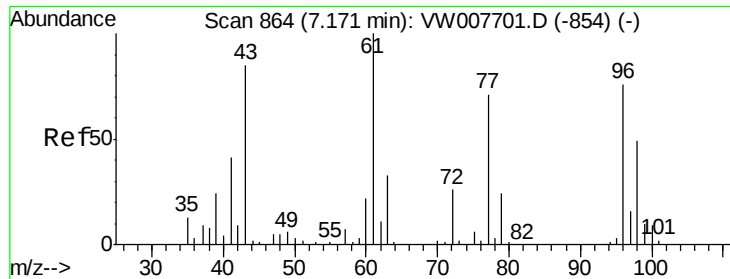
Tgt Ion: 43 Resp: 279864
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 54.066 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 63 Resp: 67195
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.6 2.5 7.5

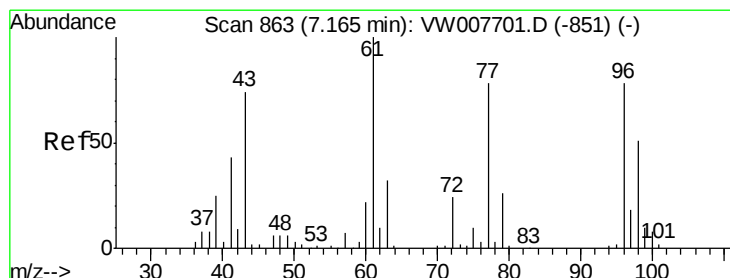
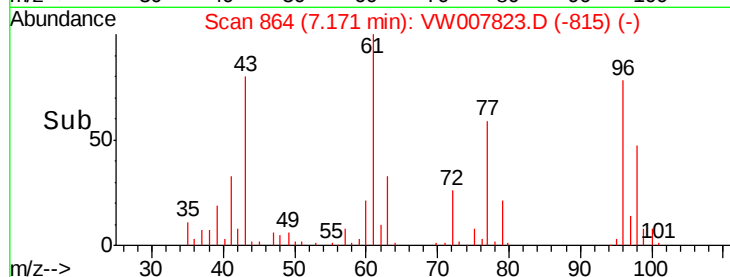
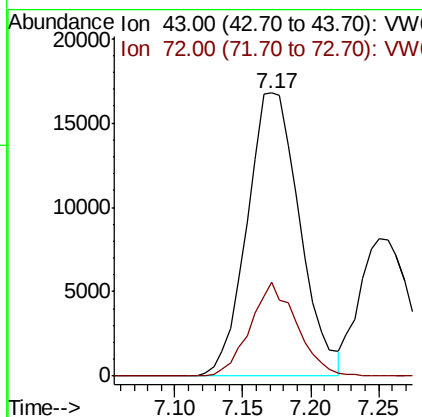
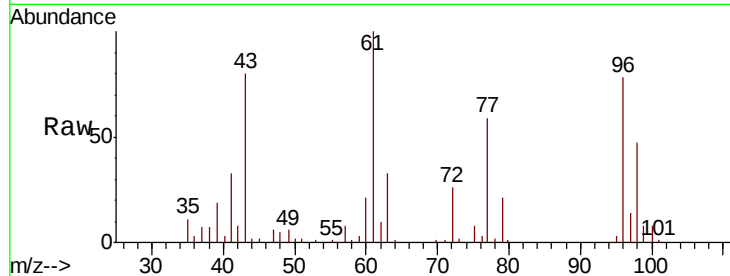




#25
2-Butanone
Concen: 271.050 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

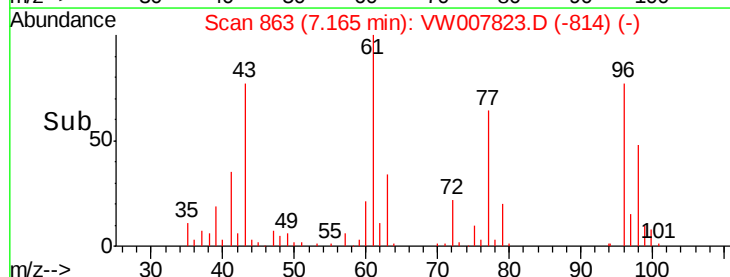
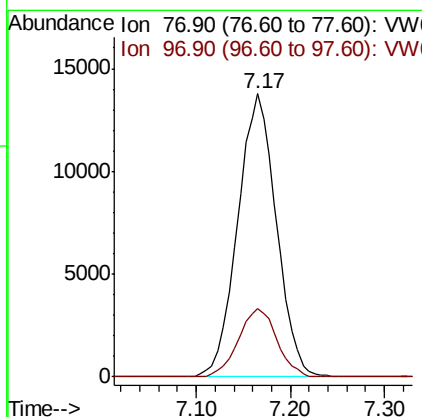
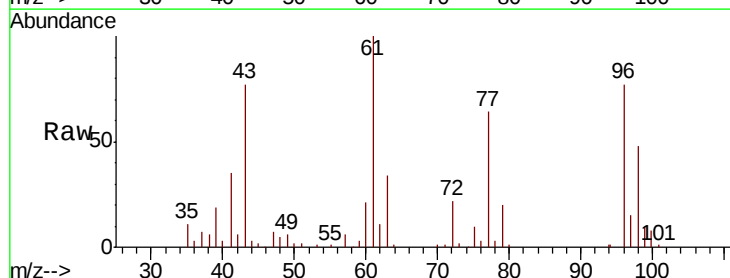
Instrument :
MSVOA_W
ClientSampled :
BFB

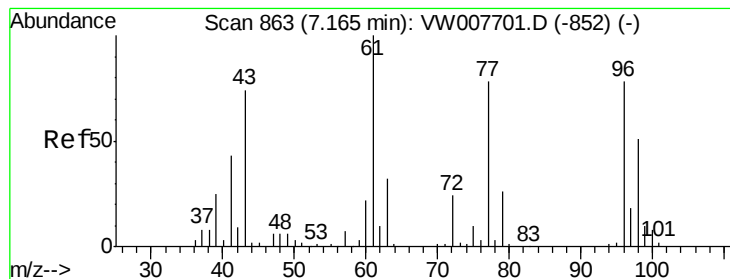
Tgt Ion: 43 Resp: 45440
Ion Ratio Lower Upper
43 100
72 33.3 24.5 36.7



#26
2,2-Dichloropropane
Concen: 43.350 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 77 Resp: 39425
Ion Ratio Lower Upper
77 100
97 23.9 11.3 33.9



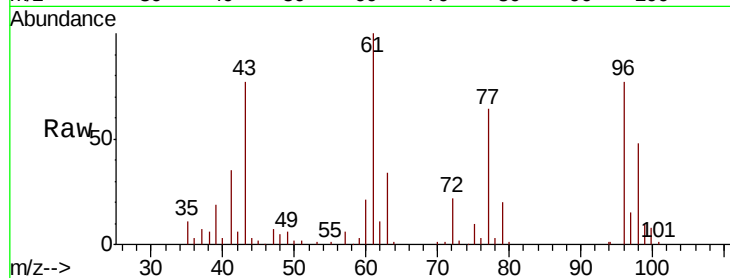


#27

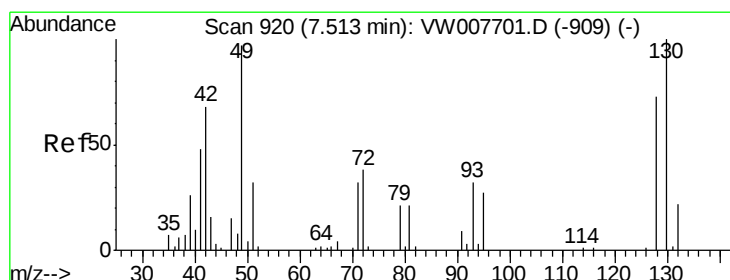
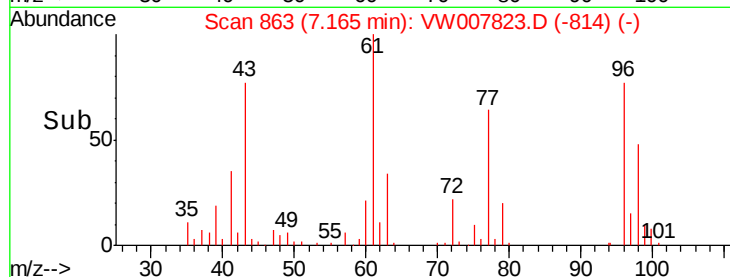
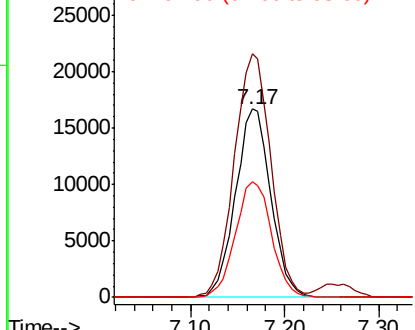
cis-1,2-Dichloroethene
Concen: 54.174 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 96 Resp: 43674
Ion Ratio Lower Upper
96 100
61 133.5 0.0 271.6
98 62.8 0.0 131.2



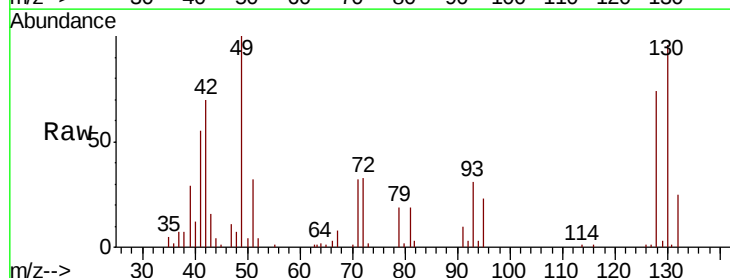
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



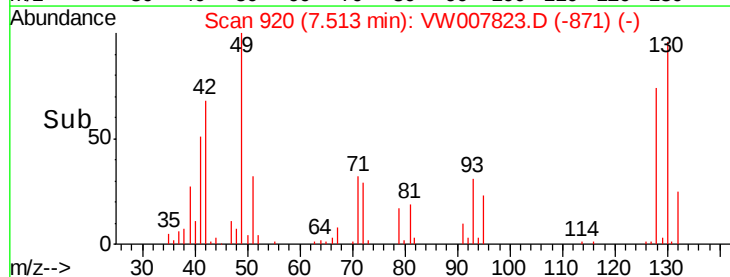
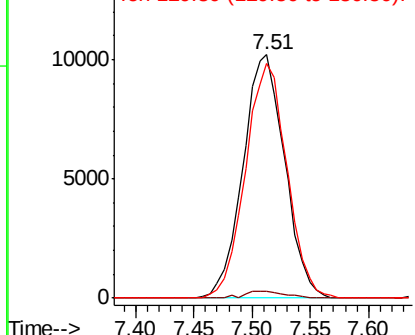
#28

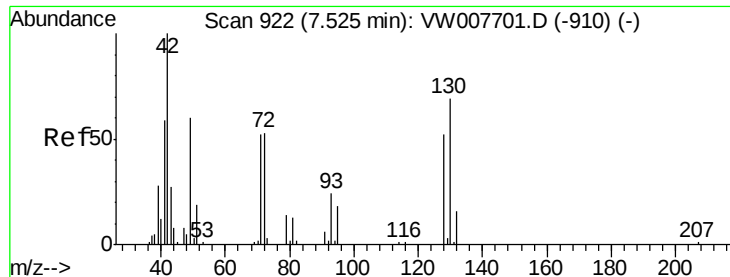
Bromochloromethane
Concen: 60.248 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 49 Resp: 25530
Ion Ratio Lower Upper
49 100
129 2.8 0.0 2.2#
130 95.3 81.5 122.3



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

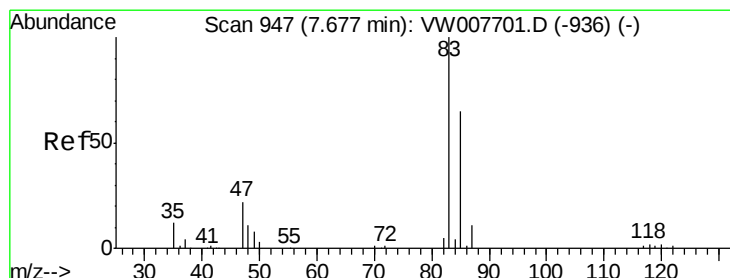
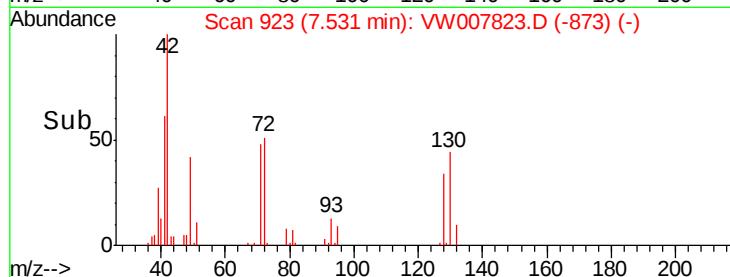
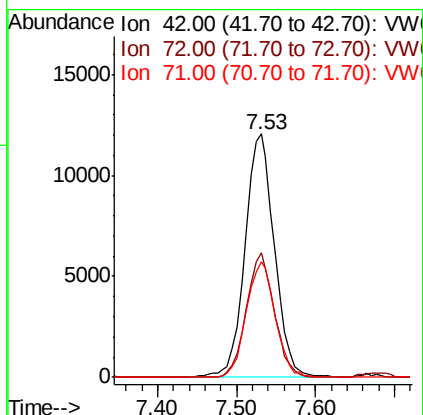
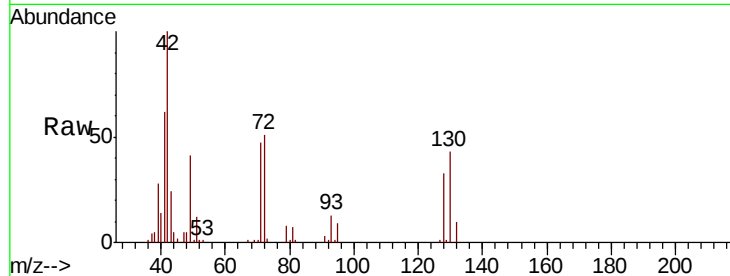




#29
Tetrahydrofuran
Concen: 312.109 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

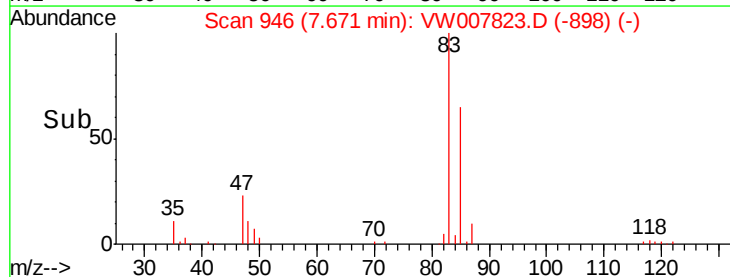
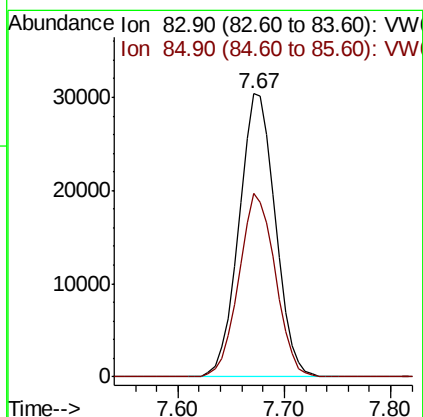
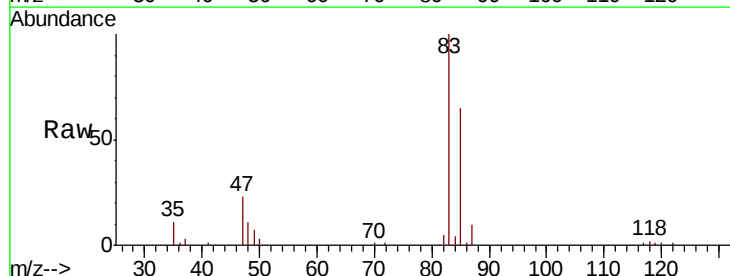
Instrument :
MSVOA_W
ClientSampleId :
BFB

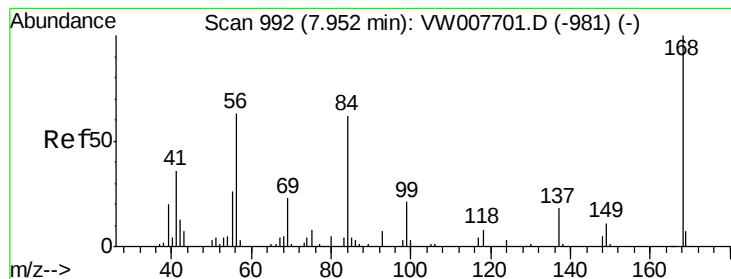
Tgt Ion: 42 Resp: 31210
Ion Ratio Lower Upper
42 100
72 48.4 41.7 62.5
71 46.5 39.0 58.6



#30
Chloroform
Concen: 51.749 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 83 Resp: 72786
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.2





#31

Cyclohexane

Concen: 48.985 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

BFB

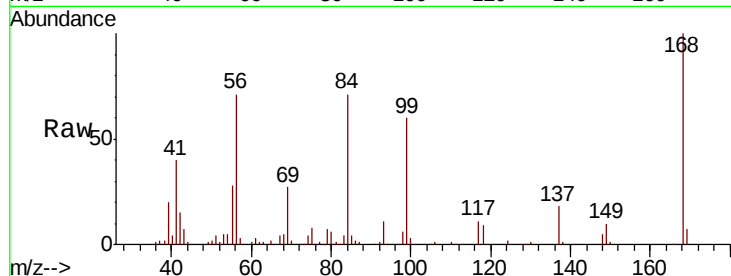
Tgt Ion: 56 Resp: 55735

Ion Ratio Lower Upper

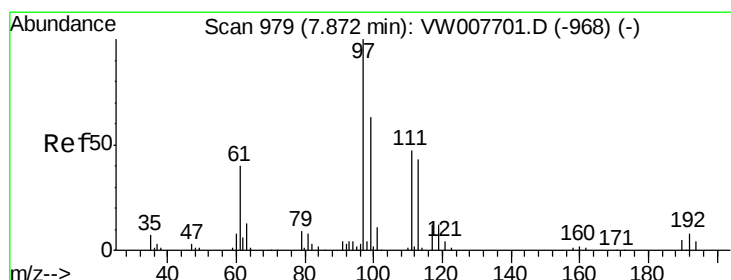
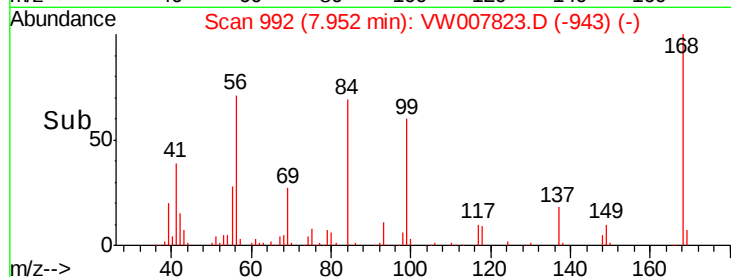
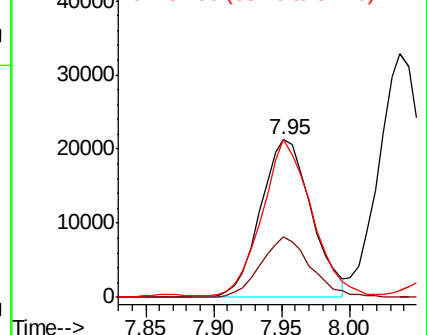
56 100

69 38.2 29.7 44.5

84 99.6 78.9 118.3



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



#32

1,1,1-Trichloroethane

Concen: 47.971 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

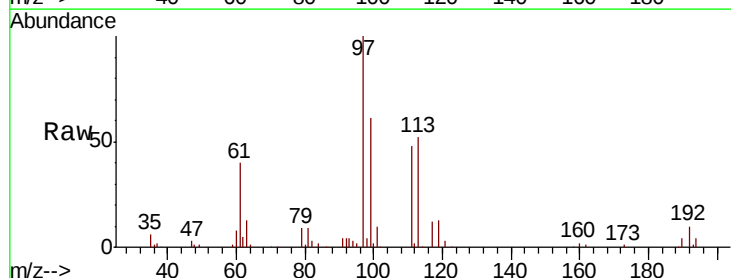
Tgt Ion: 97 Resp: 61450

Ion Ratio Lower Upper

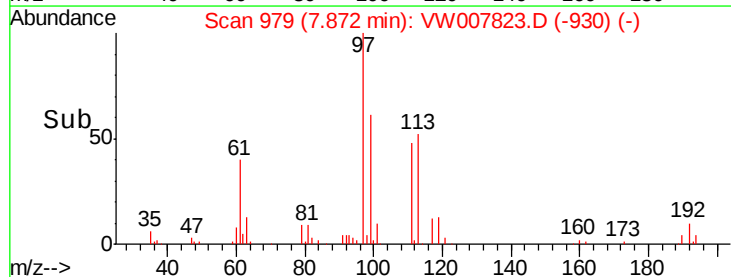
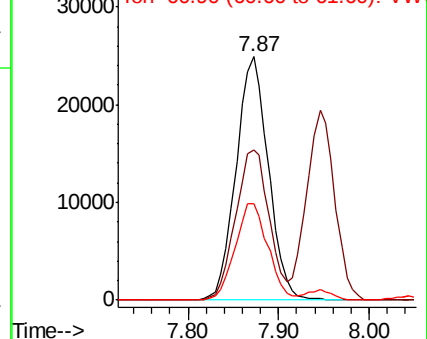
97 100

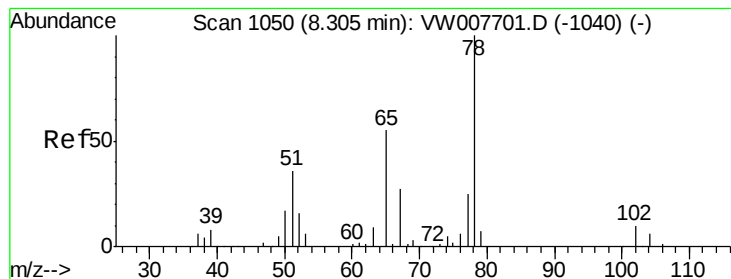
99 64.2 50.6 76.0

61 40.5 32.3 48.5



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





#33

1,2-Dichloroethane-d4

Concen: 53.752 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

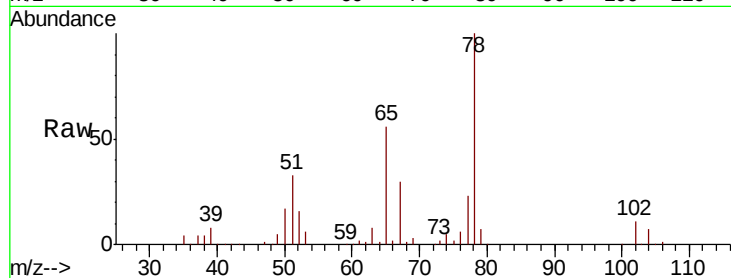
BFB

Tgt Ion: 65 Resp: 41084

Ion Ratio Lower Upper

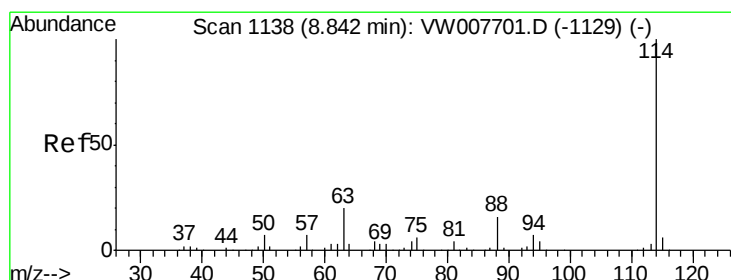
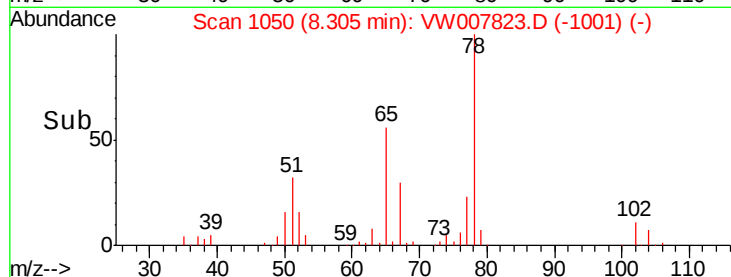
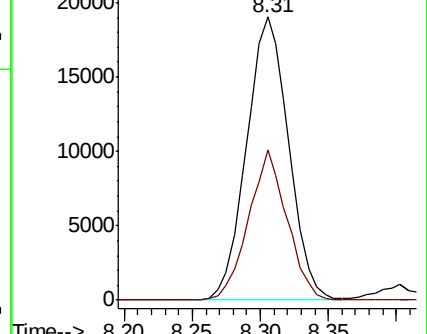
65 100

67 48.7 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

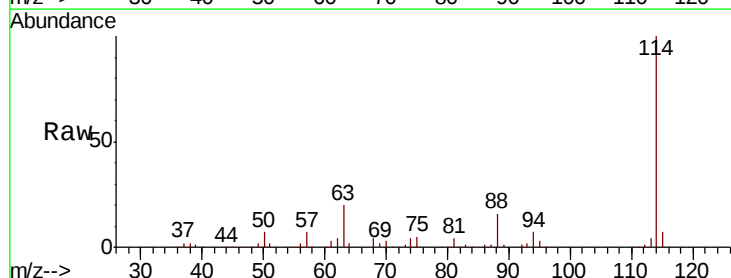
Tgt Ion: 114 Resp: 117868

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

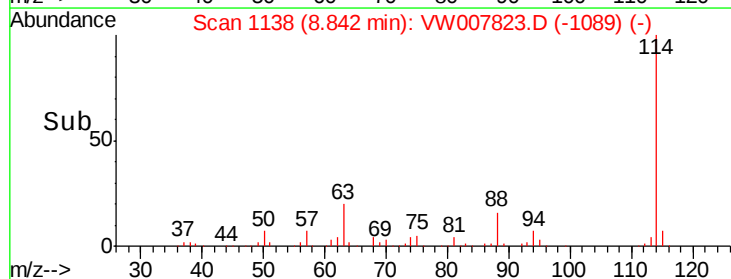
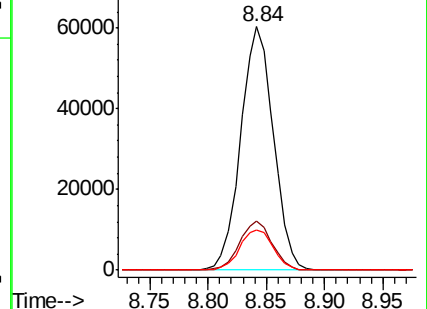
88 16.5 0.0 32.6

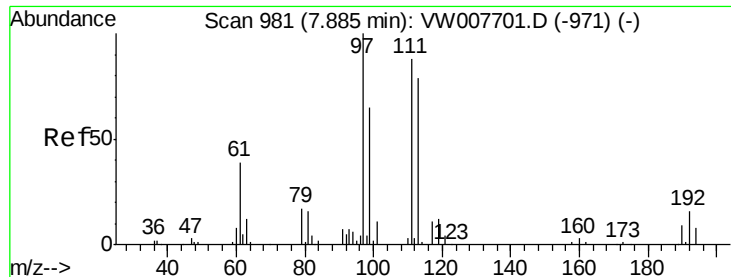


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

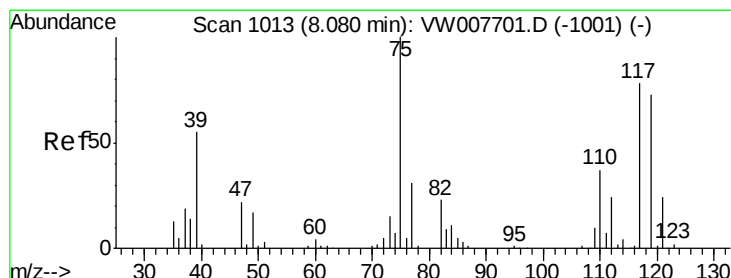
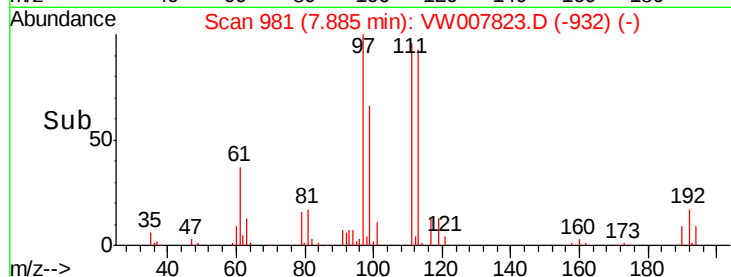
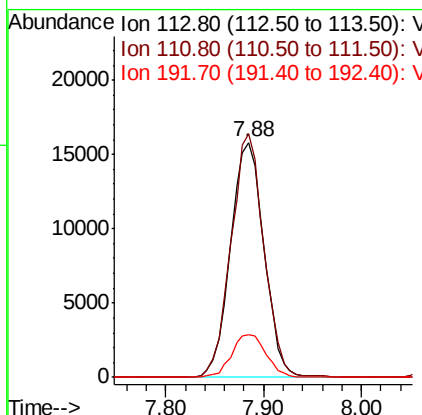
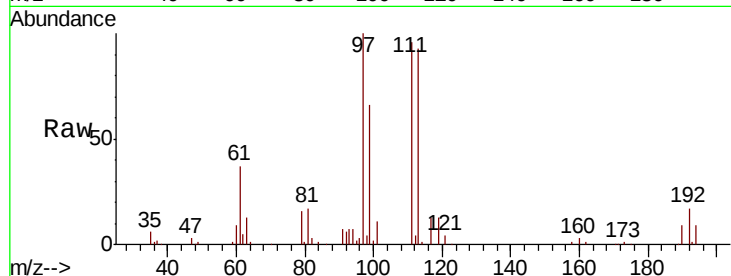




#35
 Dibromofluoromethane
 Concen: 52.359 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

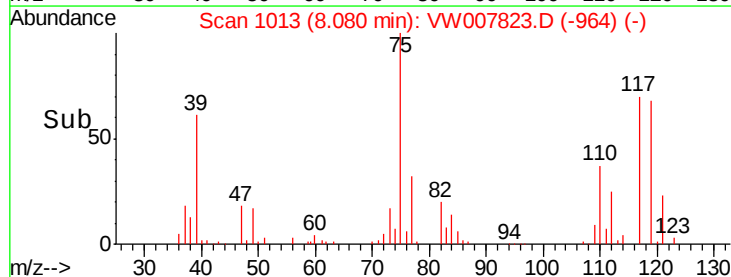
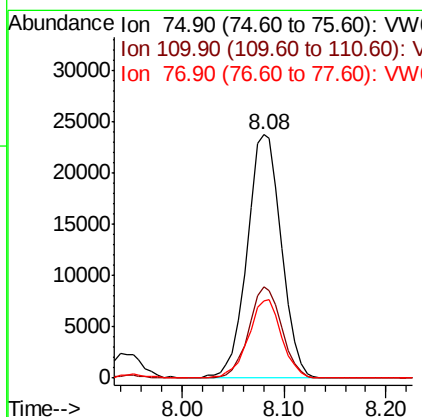
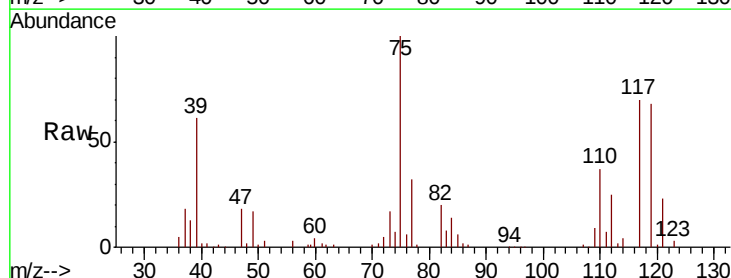
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

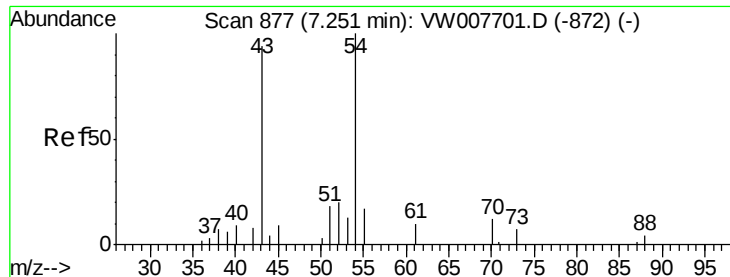
Tgt Ion: 113 Resp: 37649
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.6 124.0
 192 18.6 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 48.609 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 75 Resp: 55299
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.6 55.8
 77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 54.585 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

BFB

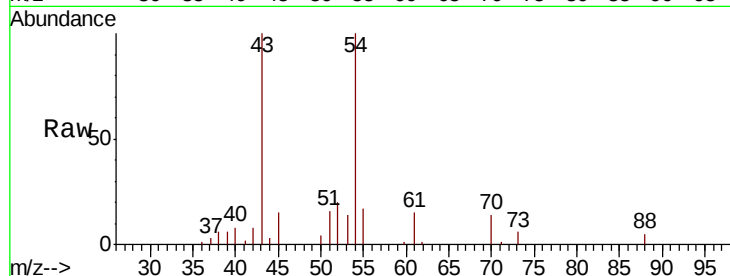
Tgt Ion: 43 Resp: 21431

Ion Ratio Lower Upper

43 100

61 15.0 11.2 16.8

70 12.7 9.3 13.9

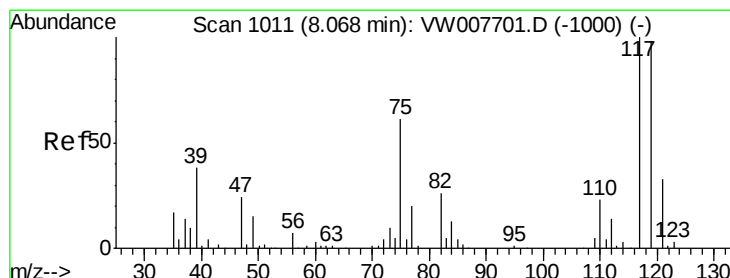
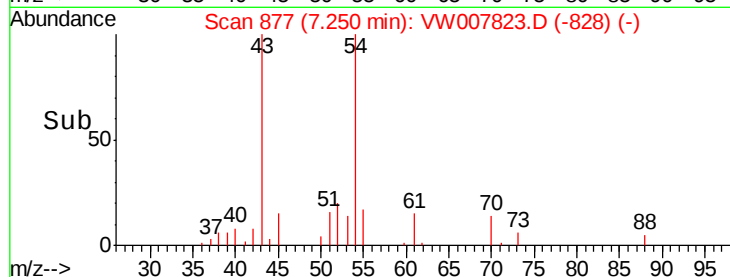
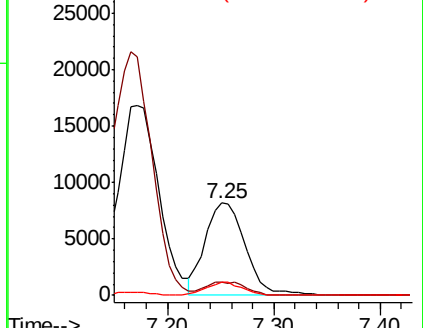


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 42.546 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

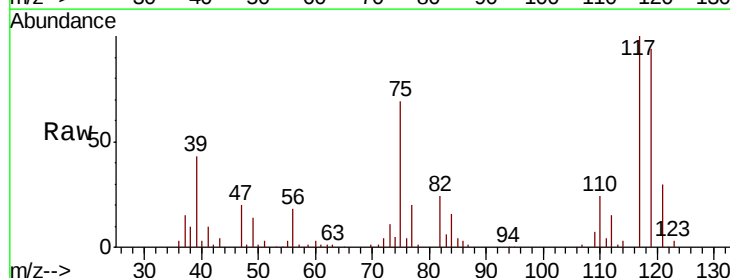
Tgt Ion: 117 Resp: 57003

Ion Ratio Lower Upper

117 100

119 93.7 78.2 117.2

121 29.6 26.1 39.1

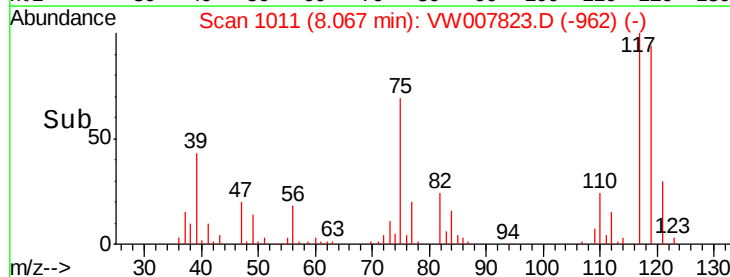
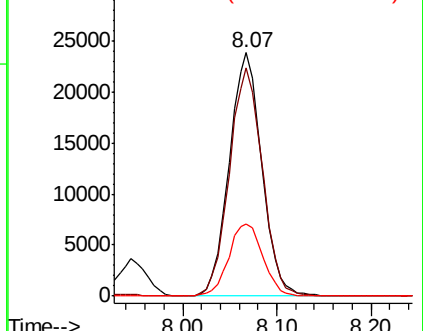


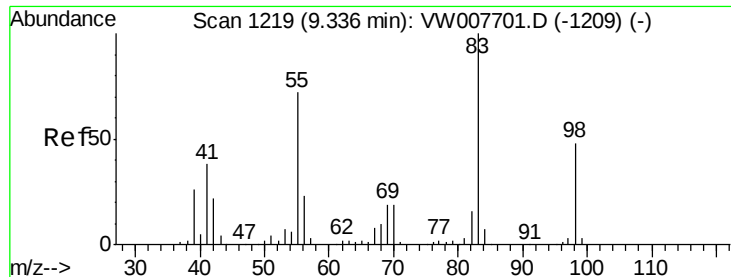
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

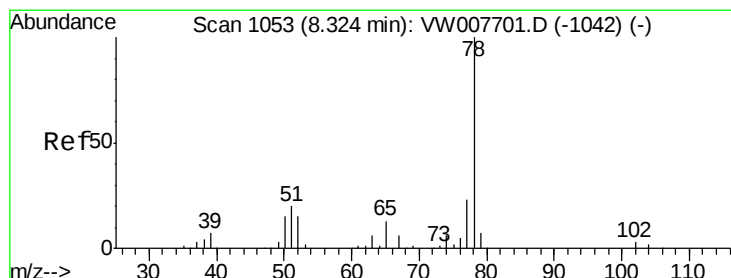
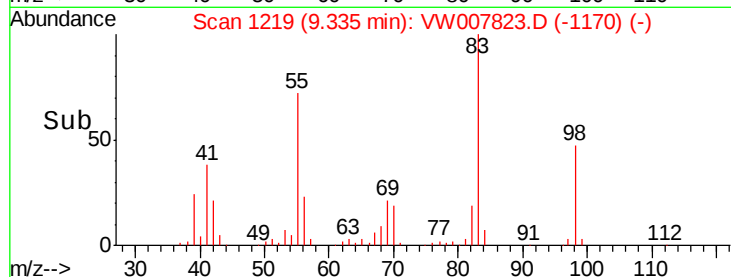
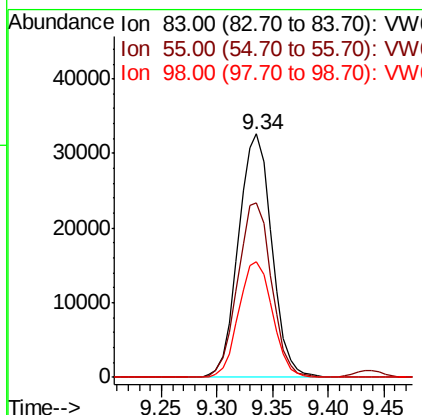
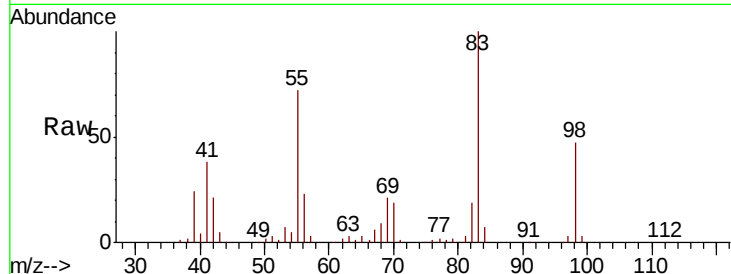




#39
Methylcyclohexane
Concen: 47.978 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

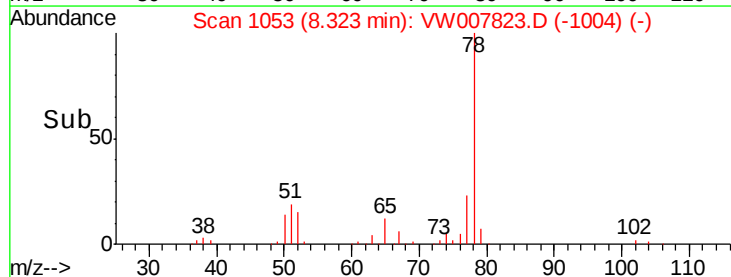
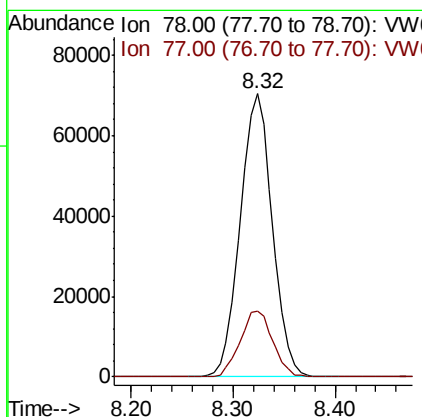
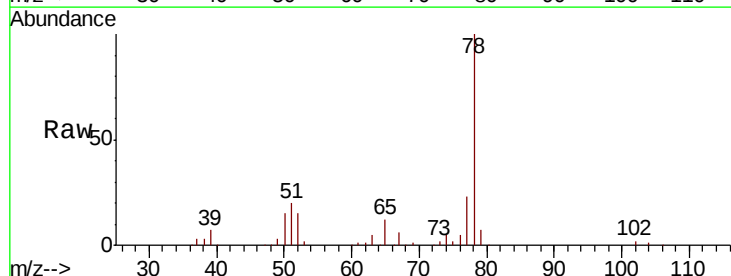
Instrument :
MSVOA_W
ClientSampled :
BFB

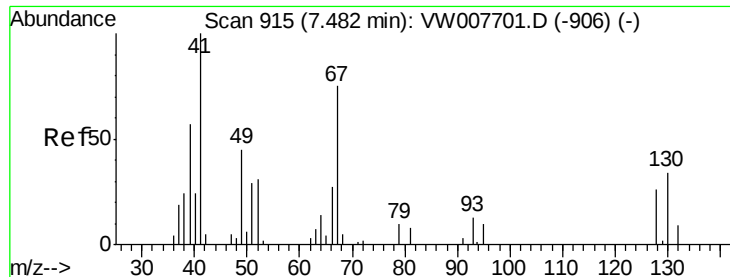
Tgt Ion: 83 Resp: 67823
Ion Ratio Lower Upper
83 100
55 71.7 57.2 85.8
98 47.3 38.6 58.0



#40
Benzene
Concen: 50.585 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 78 Resp: 153564
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

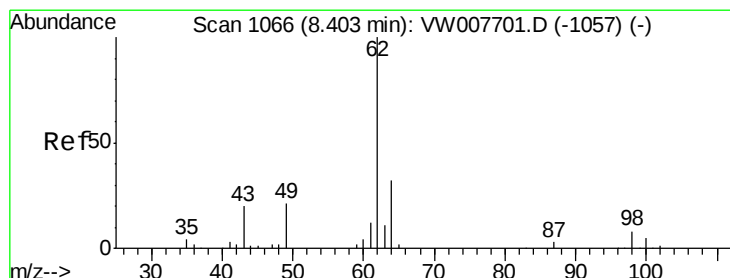
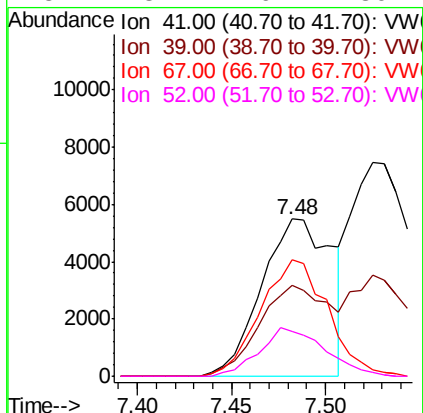
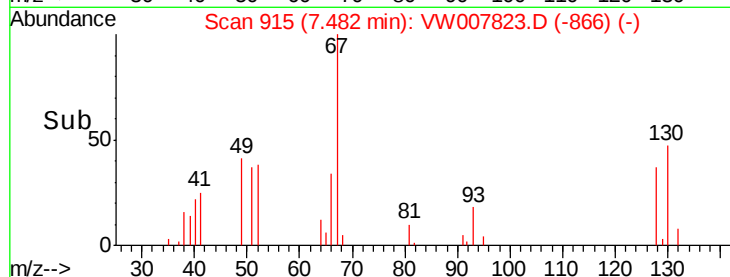
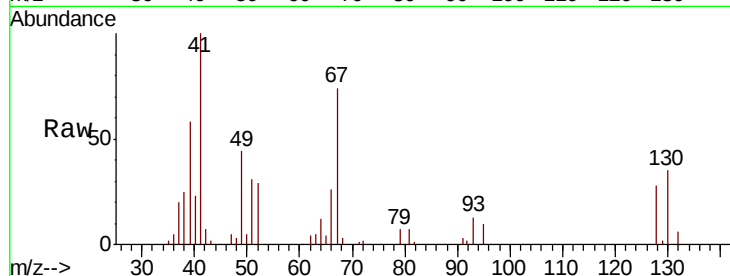




#41
Methacrylonitrile
Concen: 63.896 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

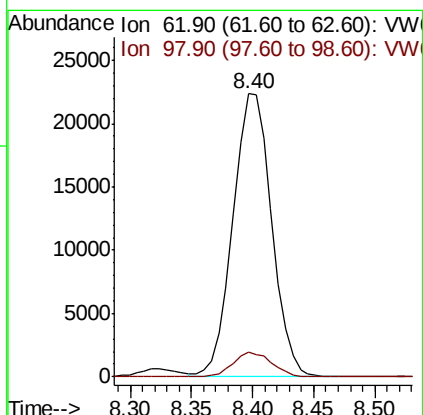
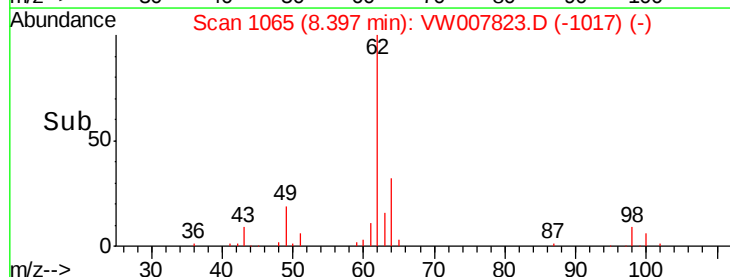
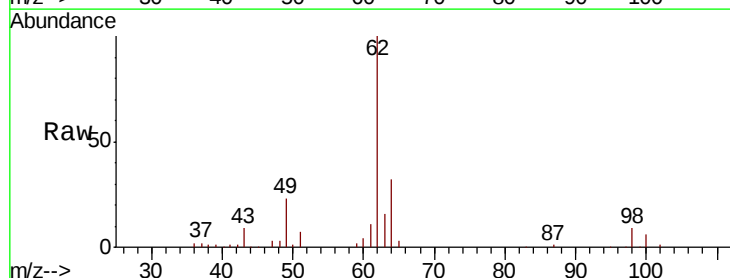
Instrument :
MSVOA_W
ClientSampled :
BFB

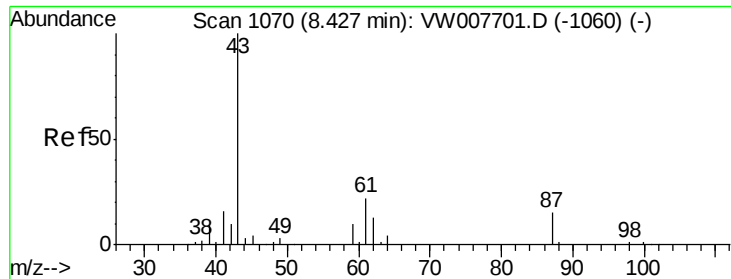
Tgt Ion:	41	Resp:	14243
Ion	Ratio	Lower	Upper
41	100		
39	57.9	54.2	81.4
67	70.7	65.7	98.5
52	28.7	26.2	39.4



#42
1,2-Dichloroethane
Concen: 48.388 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:	62	Resp:	49227
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 55.505 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

BFB

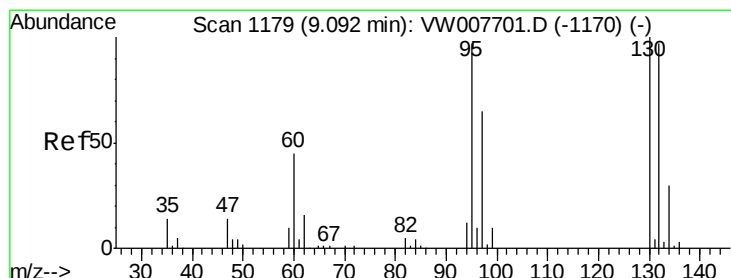
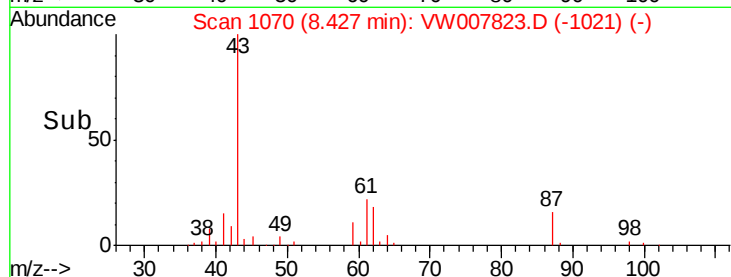
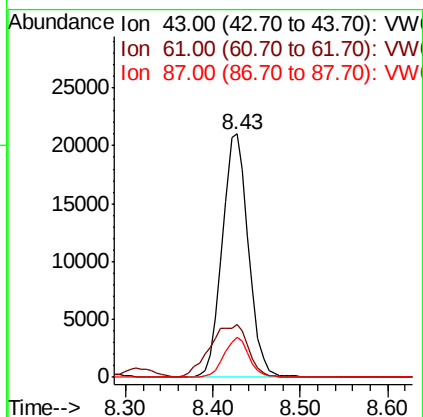
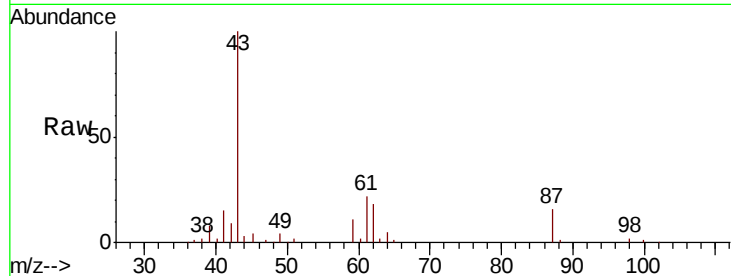
Tgt Ion: 43 Resp: 43659

Ion Ratio Lower Upper

43 100

61 31.8 26.3 39.5

87 15.5 12.0 18.0



#44

Trichloroethene

Concen: 48.313 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007823.D

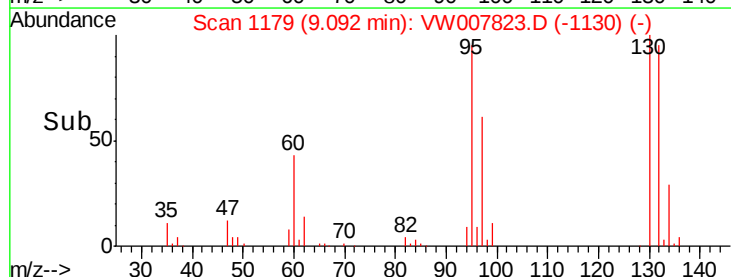
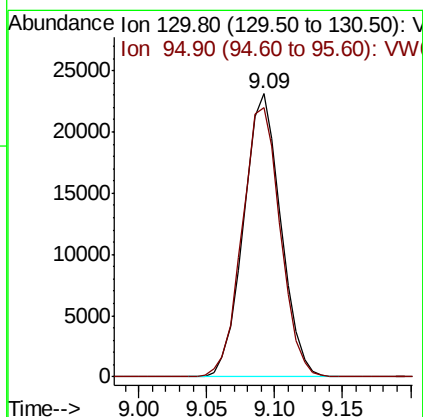
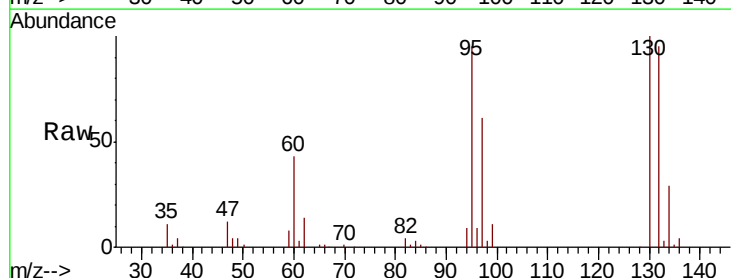
Acq: 22 Dec 2018 05:22

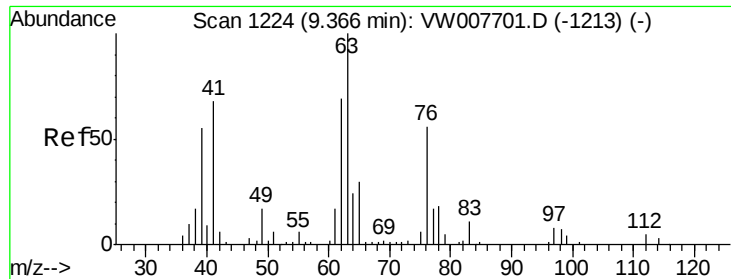
Tgt Ion: 130 Resp: 44354

Ion Ratio Lower Upper

130 100

95 95.3 0.0 194.8

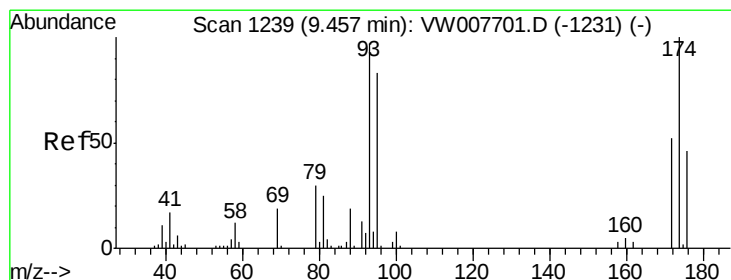
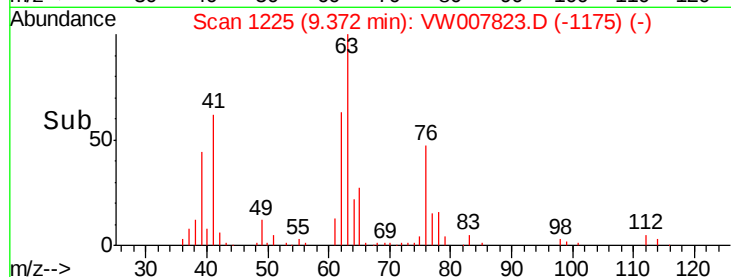
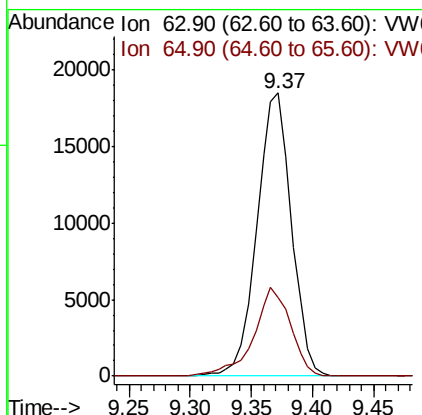
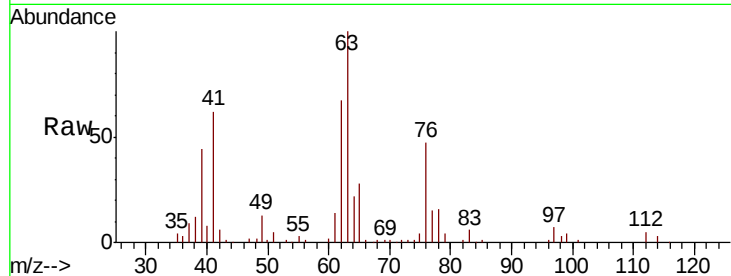




#45
 1,2-Dichloropropane
 Concen: 53.840 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

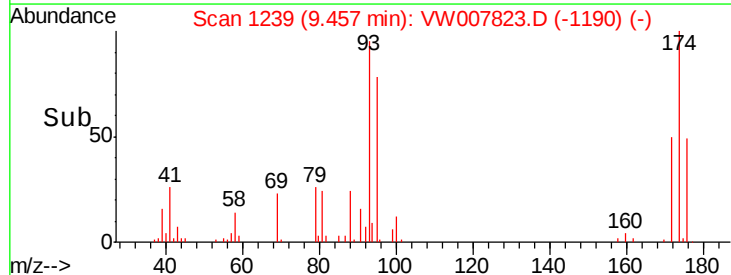
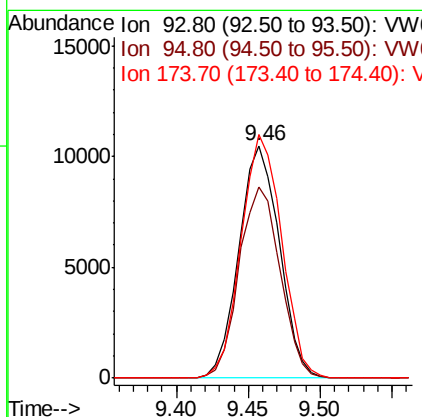
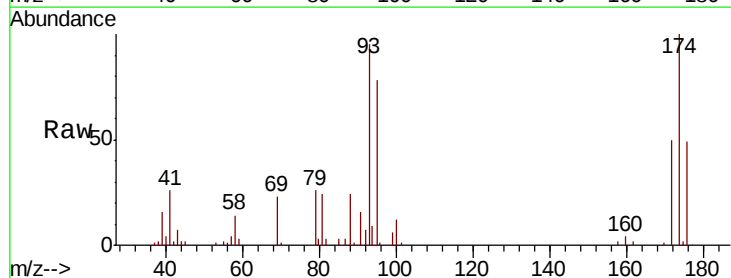
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

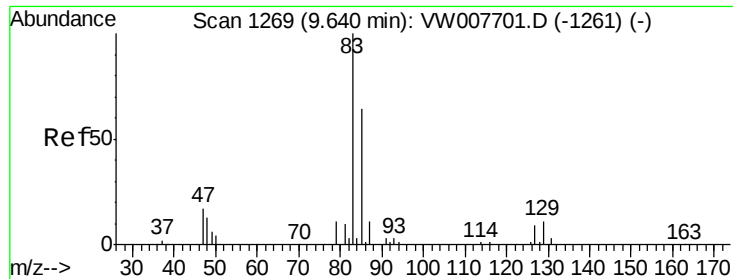
Tgt Ion: 63 Resp: 36267
 Ion Ratio Lower Upper
 63 100
 65 27.7 23.8 35.8



#46
 Dibromomethane
 Concen: 49.357 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 93 Resp: 20466
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.5 101.3
 174 105.0 83.9 125.9

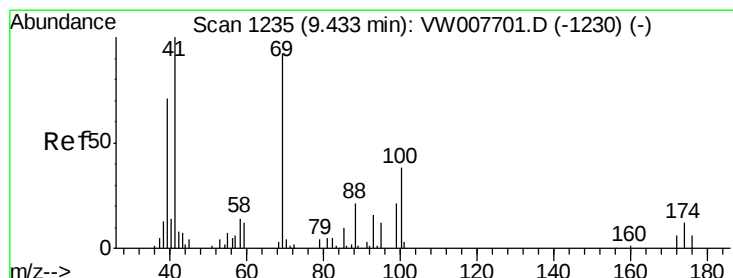
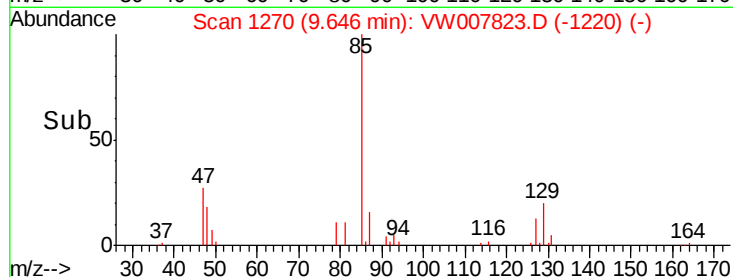
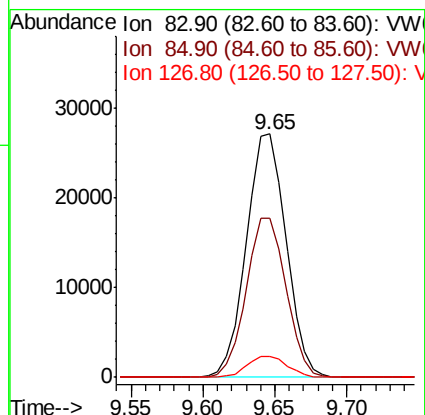
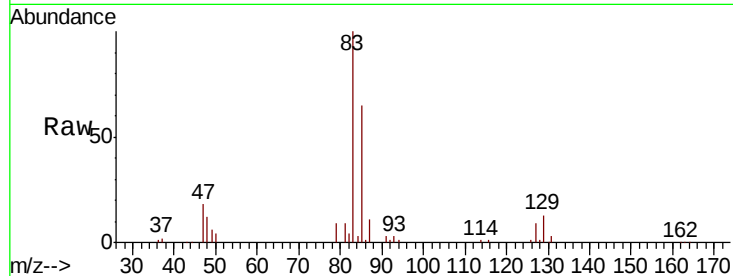




#47
Bromodichloromethane
Concen: 47.654 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

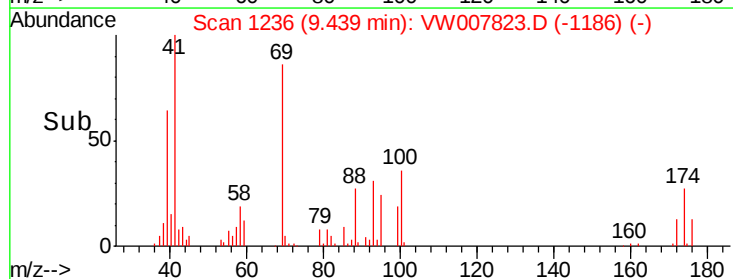
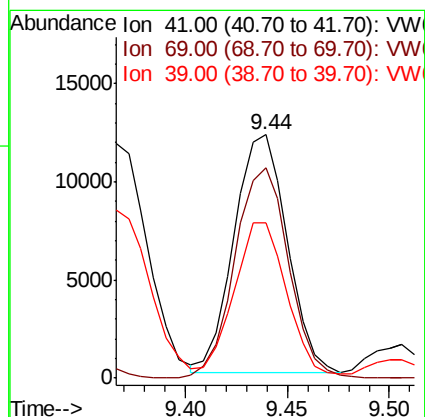
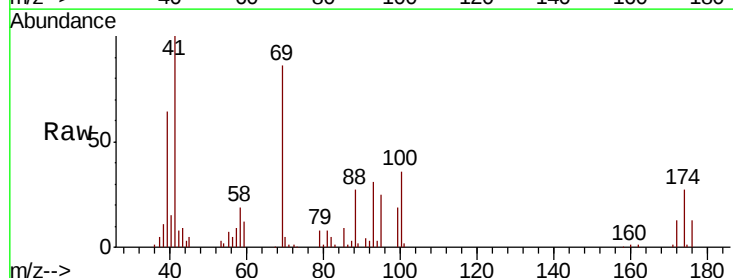
Instrument :
MSVOA_W
ClientSampleId :
BFB

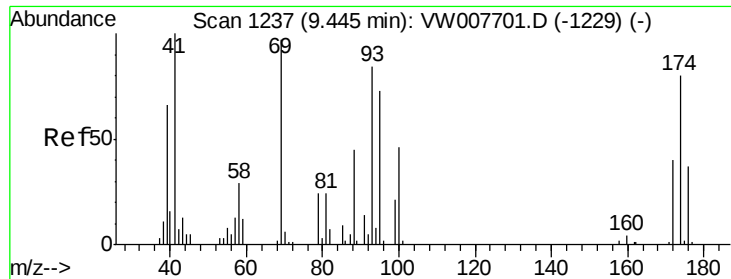
Tgt Ion: 83 Resp: 51947
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.0
127 8.7 7.5 11.3



#48
Methyl methacrylate
Concen: 55.572 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 41 Resp: 21819
Ion Ratio Lower Upper
41 100
69 90.1 74.2 111.2
39 62.6 53.9 80.9





#49

1,4-Dioxane

Concen: 1151.327 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

BFB

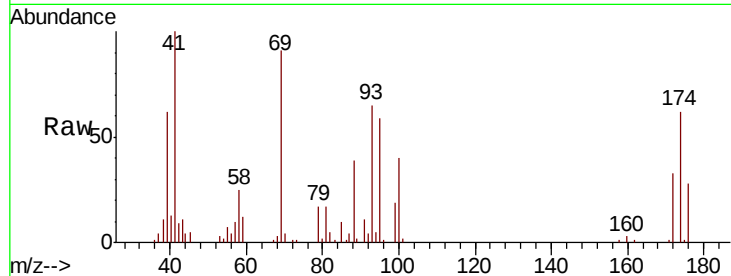
Tgt Ion: 88 Resp: 7569

Ion Ratio Lower Upper

88 100

43 34.2 25.6 38.4

58 66.5 52.3 78.5

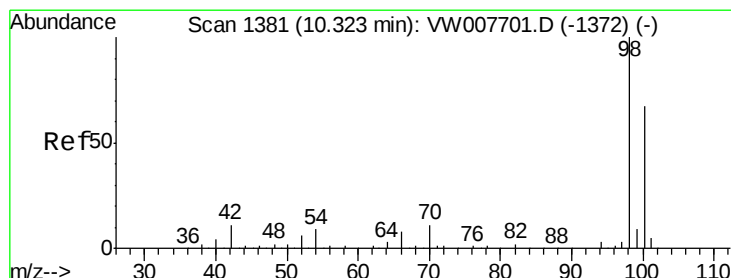
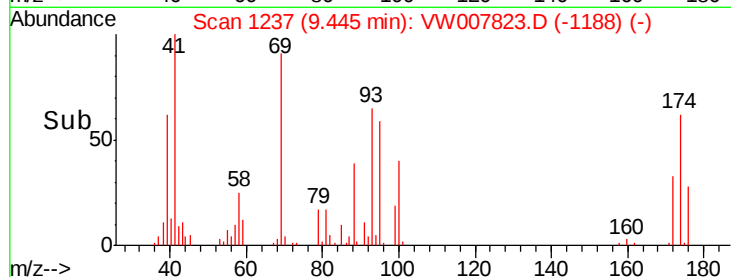
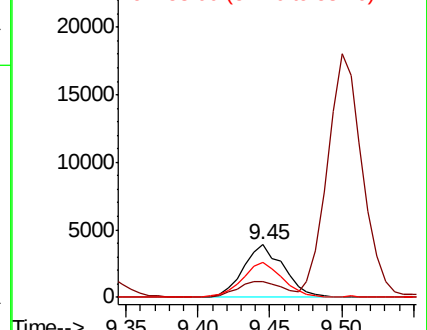


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.534 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007823.D

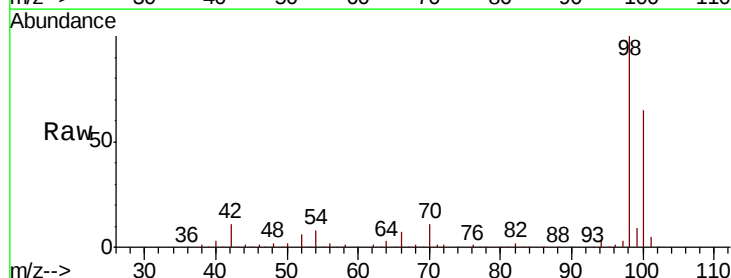
Acq: 22 Dec 2018 05:22

Tgt Ion: 98 Resp: 145116

Ion Ratio Lower Upper

98 100

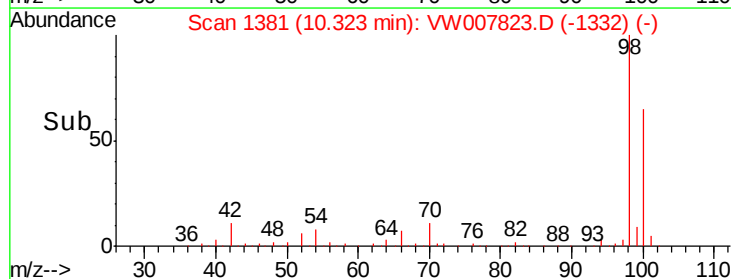
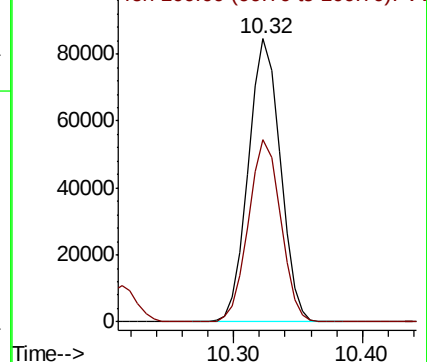
100 64.9 52.2 78.2



Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

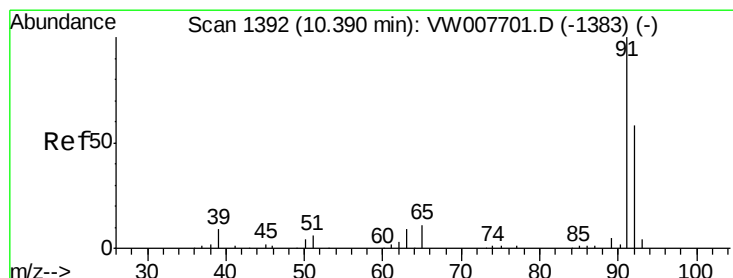
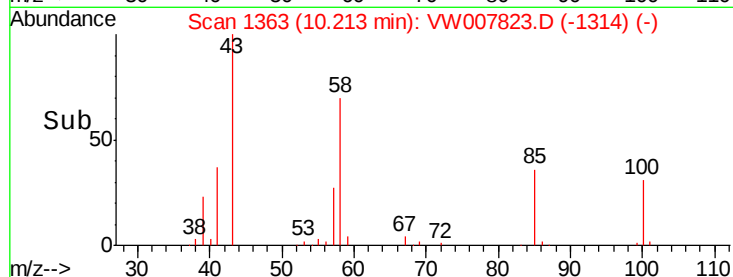
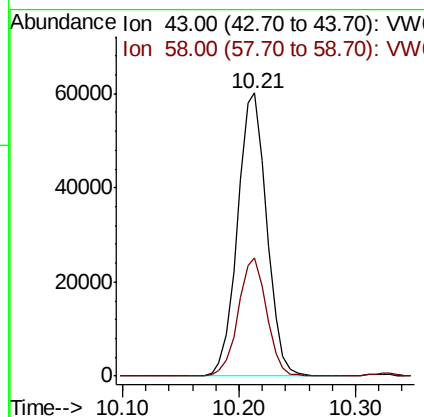
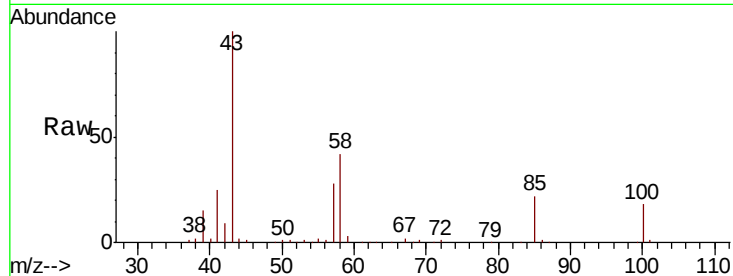




#51
 4-Methyl-2-Pentanone
 Concen: 282.325 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

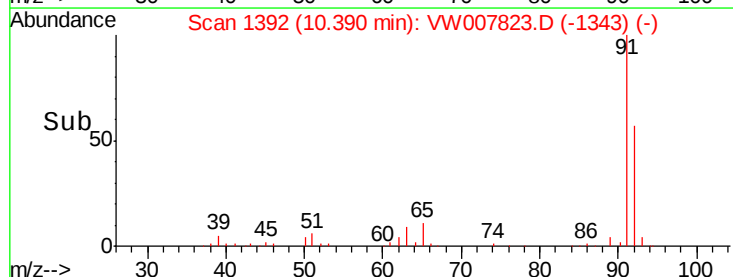
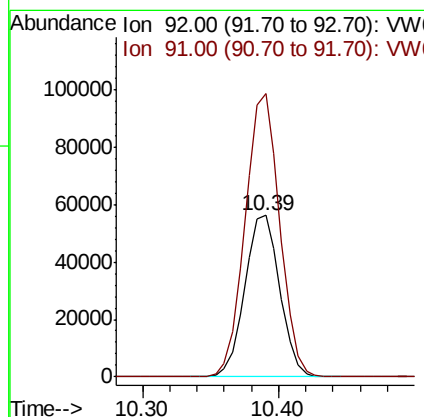
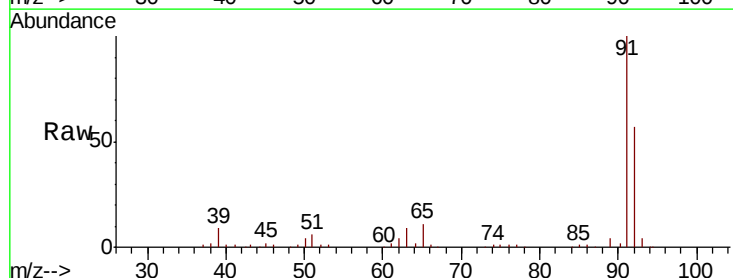
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

Tgt Ion: 43 Resp: 104951
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.2 49.8



#52
 Toluene
 Concen: 49.687 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 92 Resp: 101203
 Ion Ratio Lower Upper
 92 100
 91 172.9 137.0 205.4

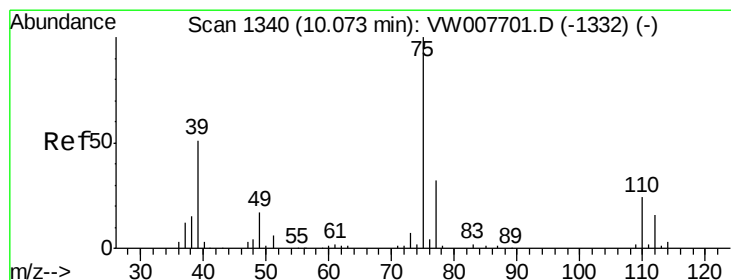
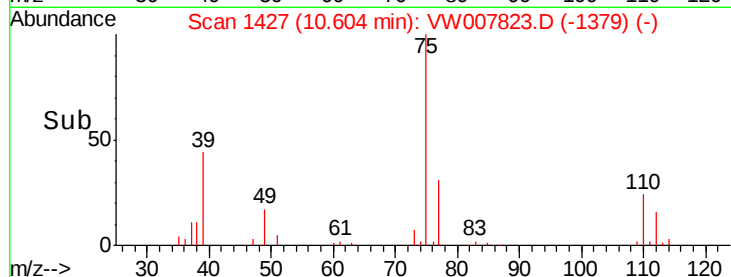
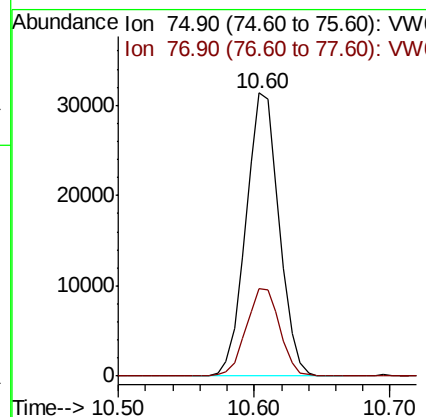
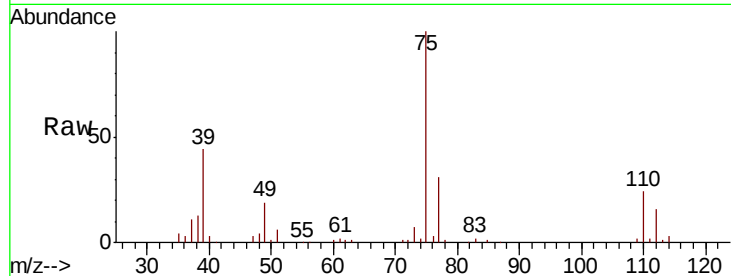




#53
t-1,3-Dichloropropene
Concen: 49.344 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

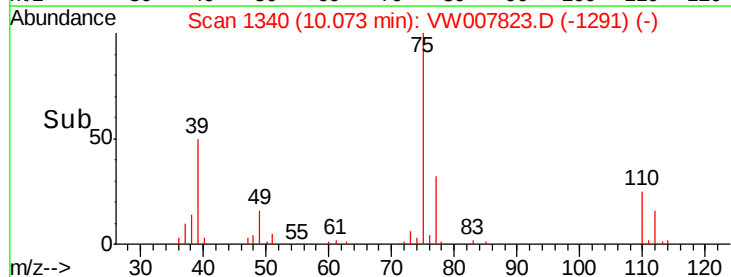
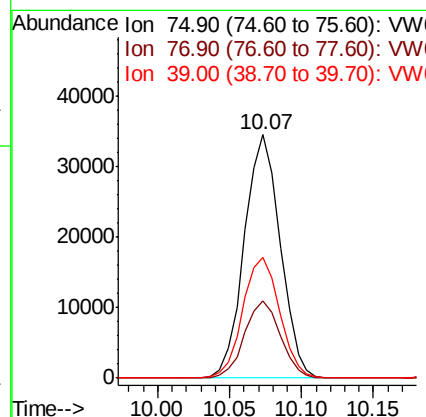
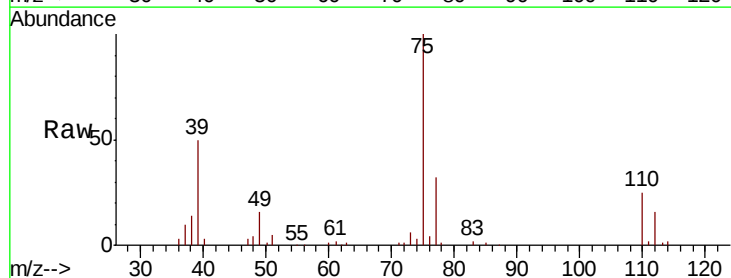
Instrument :
MSVOA_W
ClientSampleId :
BFB

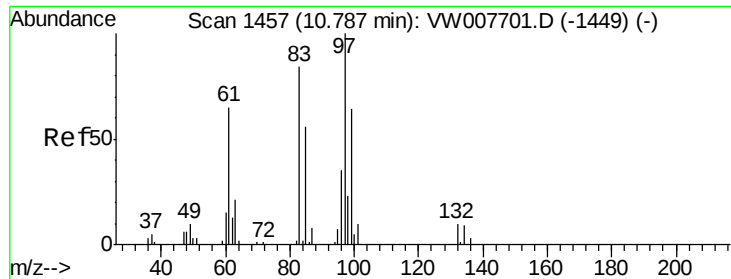
Tgt Ion: 75 Resp: 53503
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 49.845 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 75 Resp: 59697
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 49.6 41.2 61.8

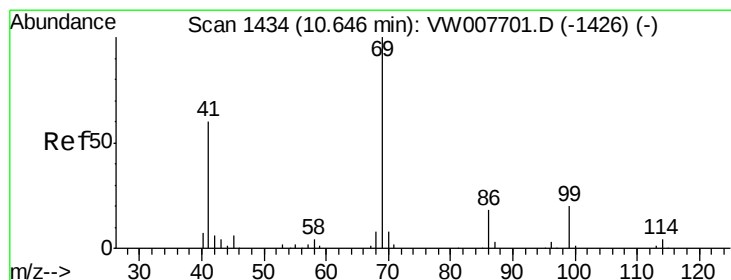
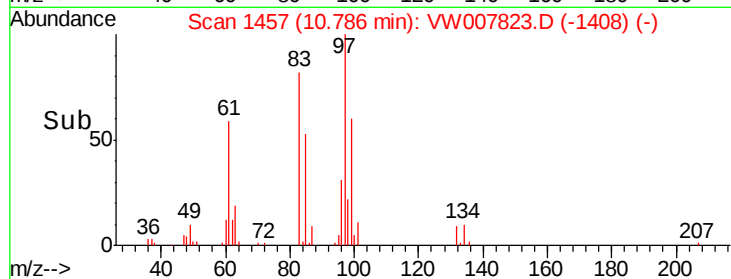
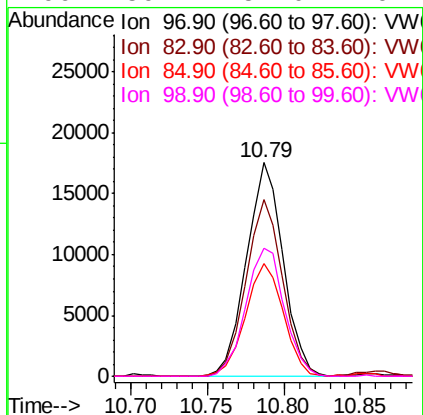
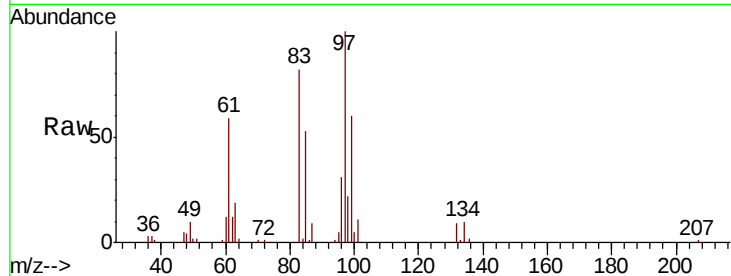




#55
 1,1,2-Trichloroethane
 Concen: 51.262 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

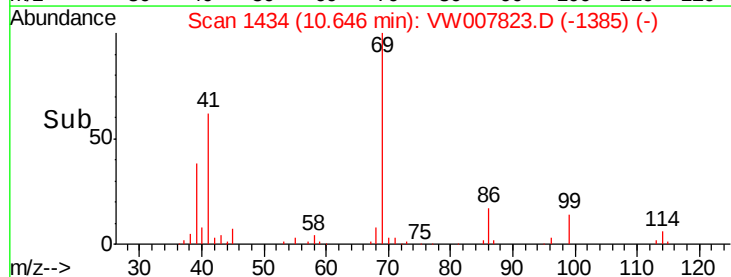
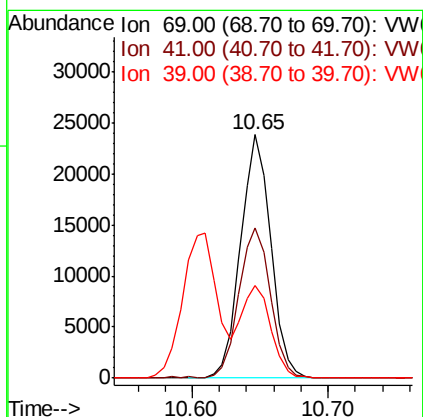
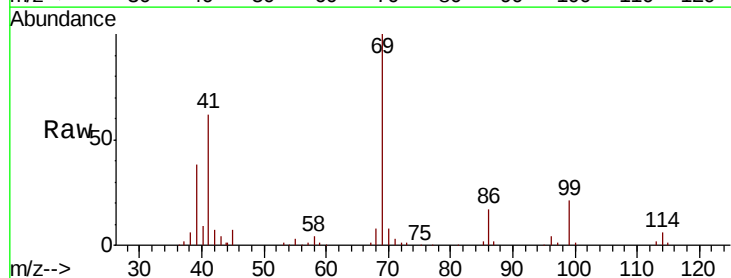
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

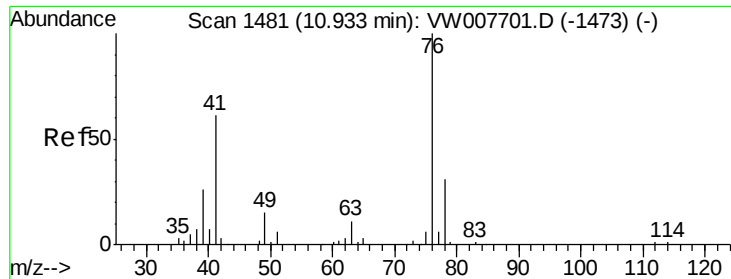
Tgt Ion:	97	Resp:	29303
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.5	101.3
85	52.6	44.8	67.2
99	59.7	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 54.740 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion:	69	Resp:	36971
Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.9	73.3
39	37.6	31.3	46.9

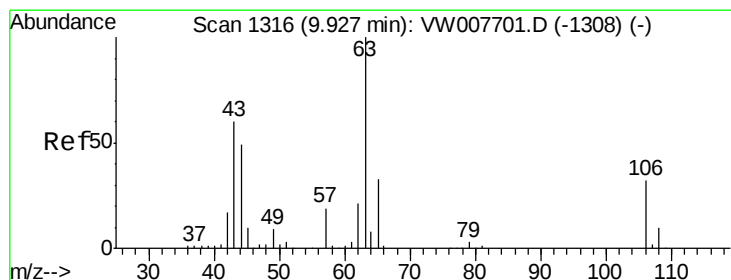
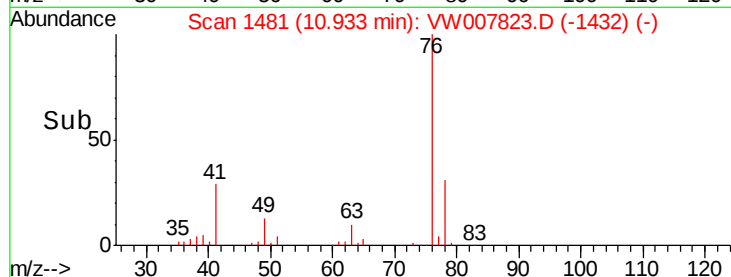
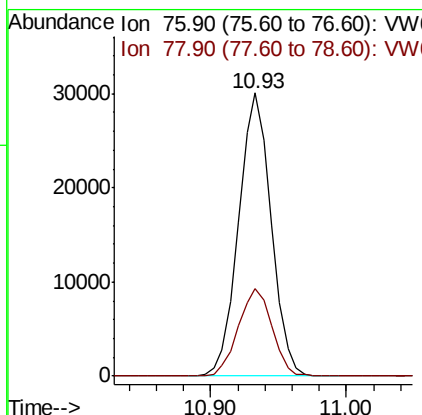
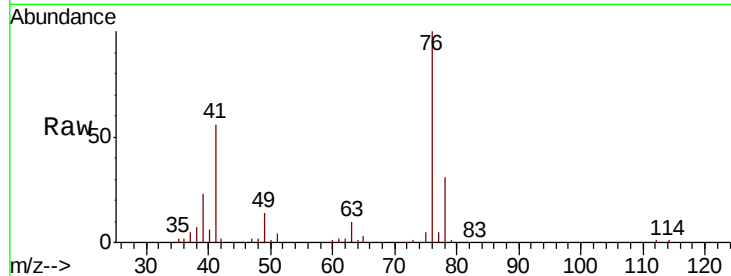




#57
 1,3-Dichloropropane
 Concen: 52.808 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

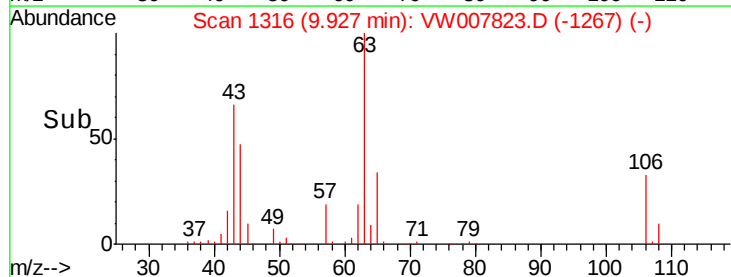
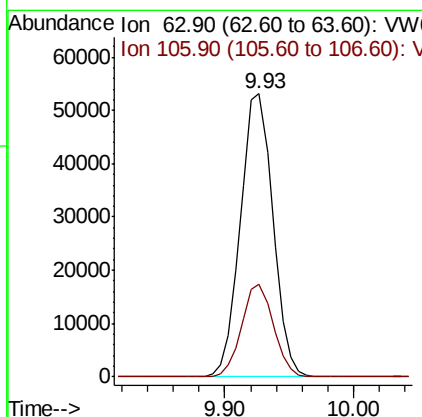
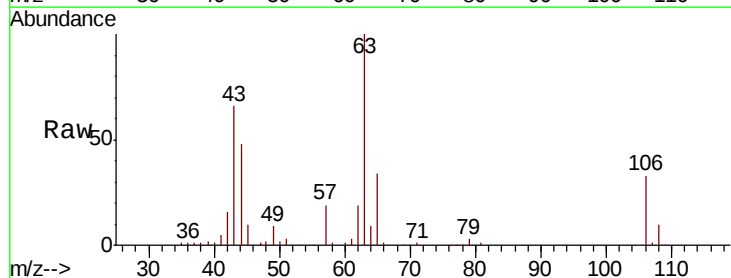
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

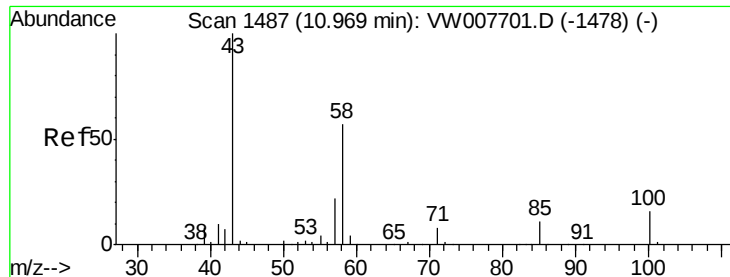
Tgt Ion: 76 Resp: 50127
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.828 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 63 Resp: 92765
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.9 38.9





#59

2-Hexanone

Concen: 273.421 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

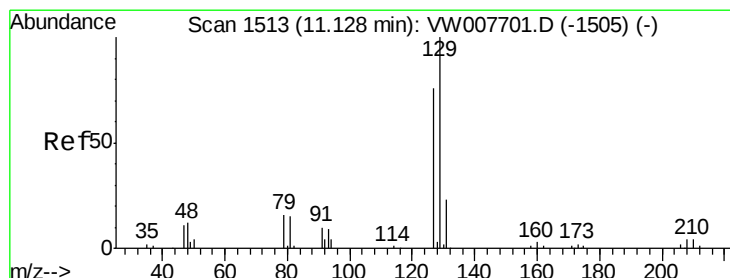
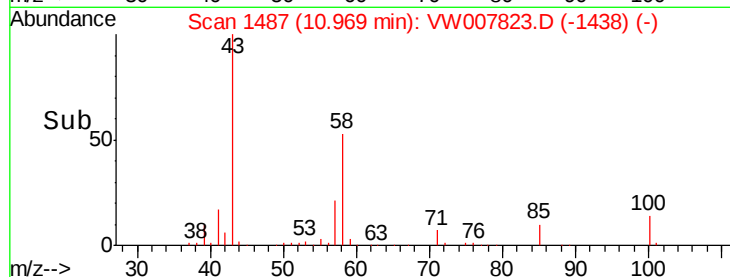
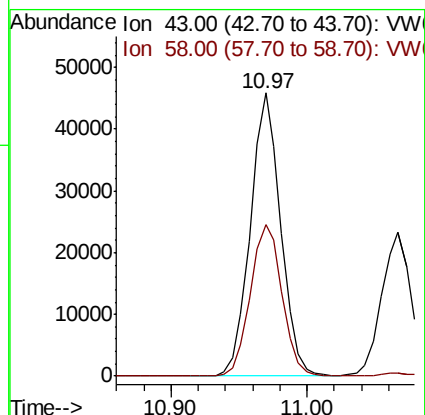
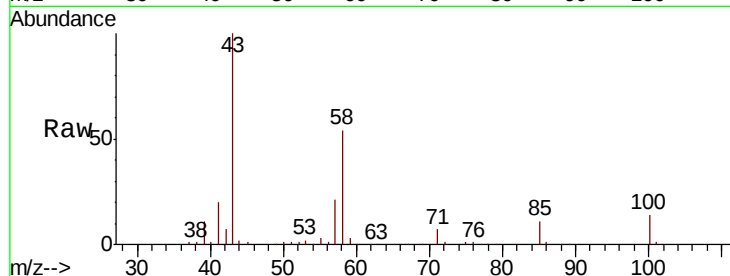
BFB

Tgt Ion: 43 Resp: 71481

Ion Ratio Lower Upper

43 100

58 56.1 27.7 83.1



#60

Dibromochloromethane

Concen: 46.173 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007823.D

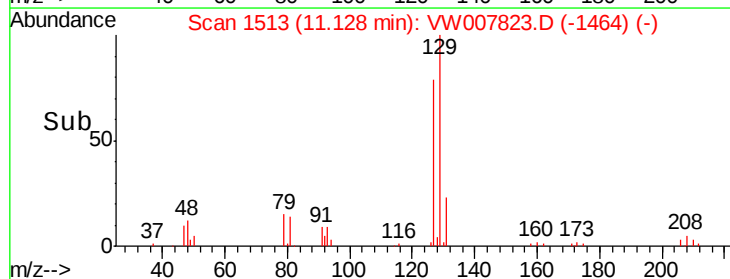
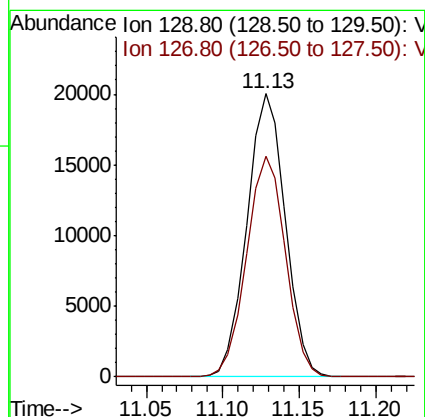
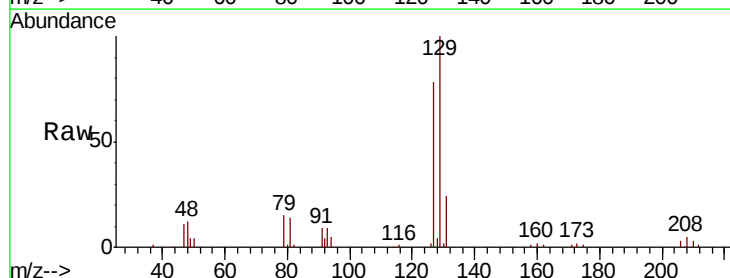
Acq: 22 Dec 2018 05:22

Tgt Ion: 129 Resp: 34948

Ion Ratio Lower Upper

129 100

127 78.7 38.3 114.9

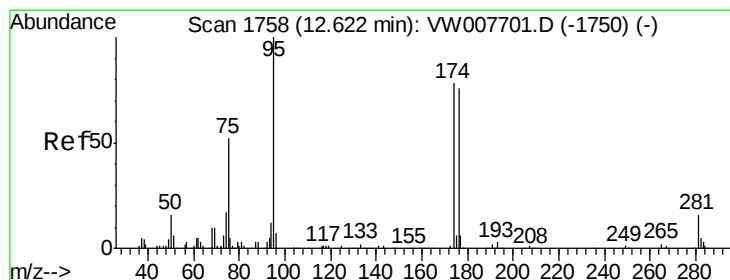
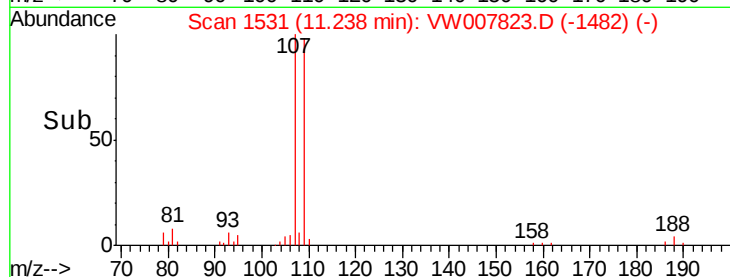
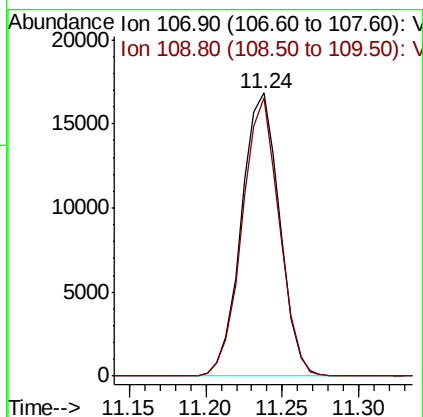
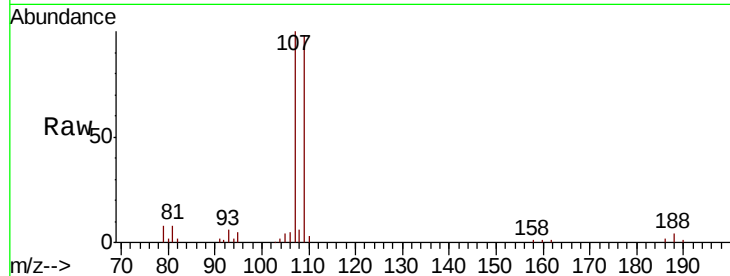




#61
 1,2-Dibromoethane
 Concen: 50.432 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

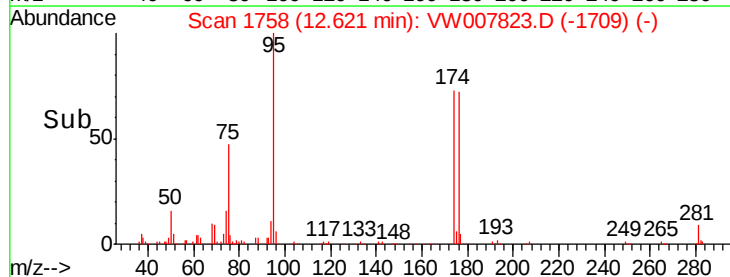
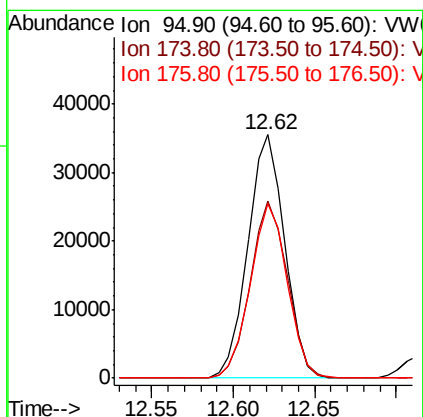
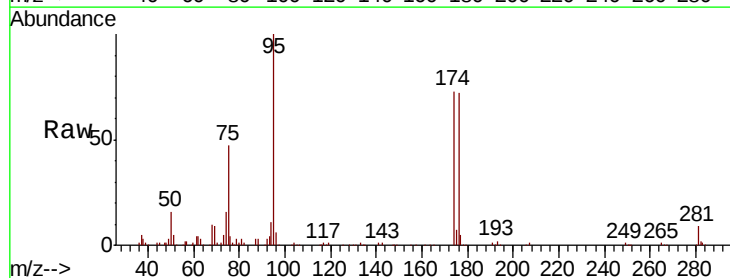
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

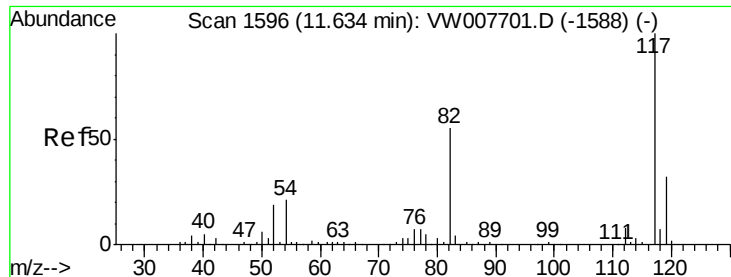
Tgt Ion: 107 Resp: 29194
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 53.339 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 95 Resp: 55857
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 152.2
 176 71.9 0.0 146.8

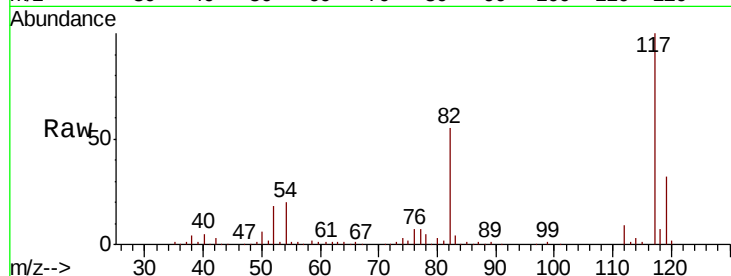




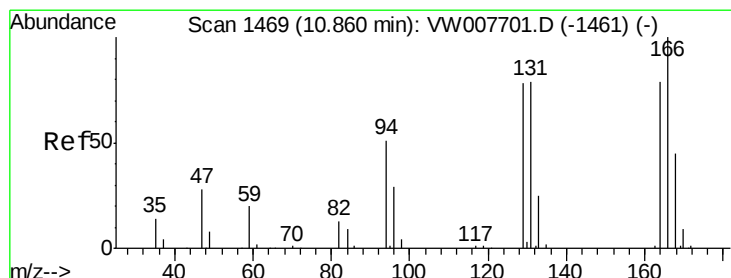
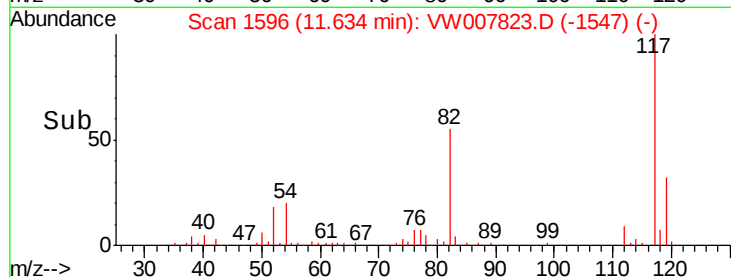
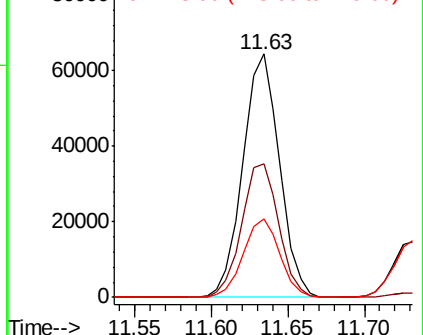
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:117 Resp: 107101
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.4 25.7 38.5

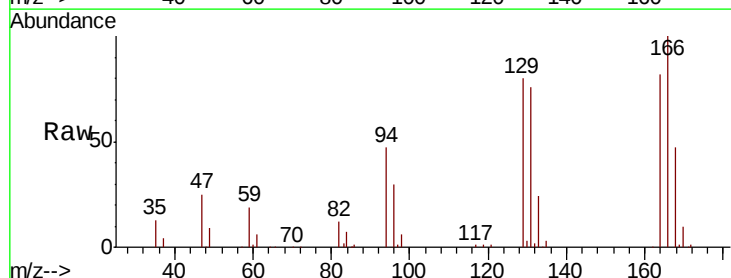


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

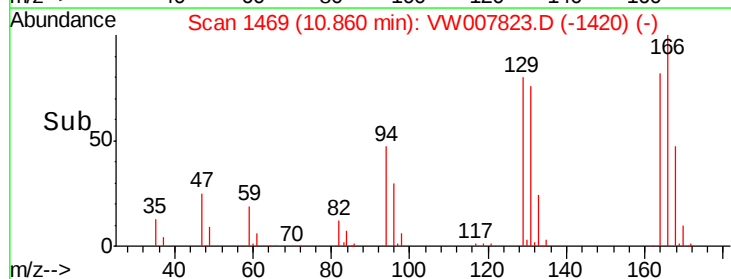
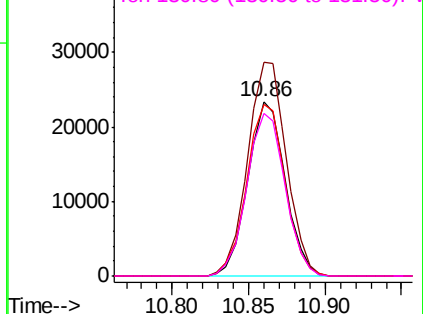


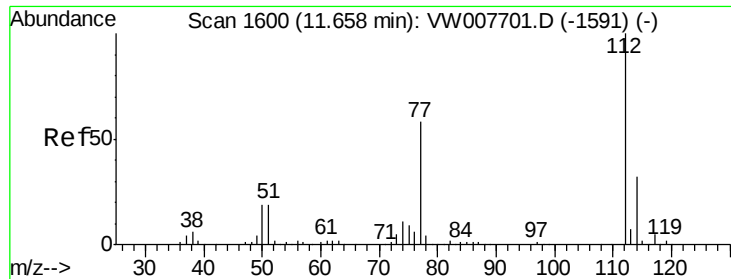
#64
Tetrachloroethene
Concen: 52.321 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:164 Resp: 39681
Ion Ratio Lower Upper
164 100
166 122.6 101.0 151.6
129 98.4 78.7 118.1
131 93.3 79.4 119.0



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

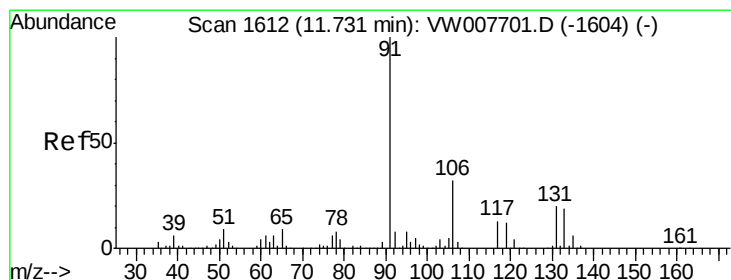
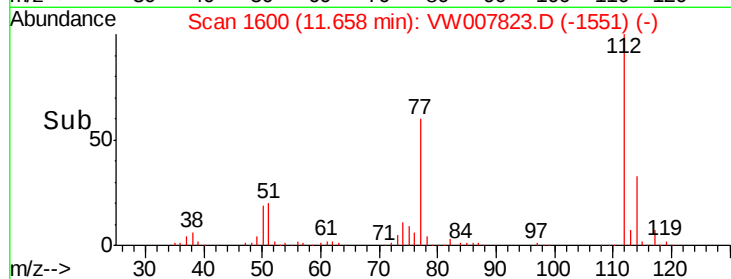
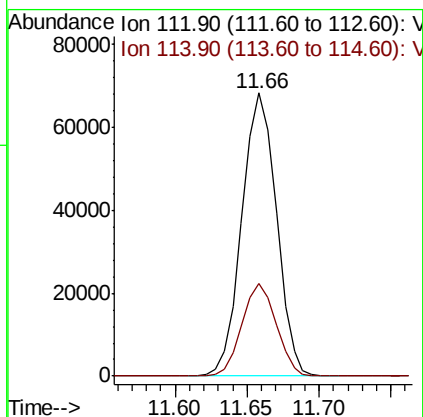
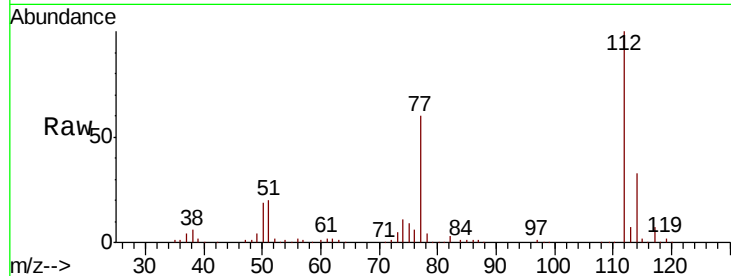




#65
Chlorobenzene
Concen: 49.065 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

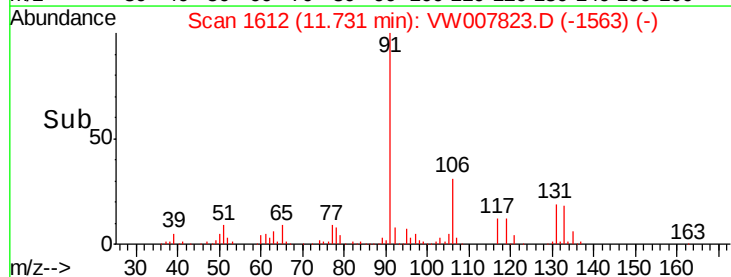
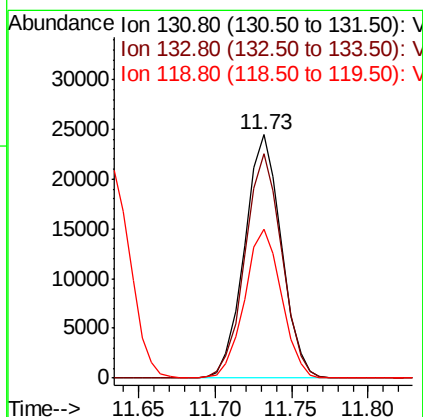
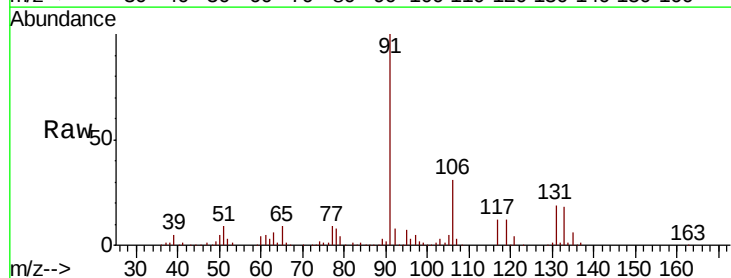
Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:112 Resp: 113738
Ion Ratio Lower Upper
112 100
114 33.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.255 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:131 Resp: 40798
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.5
119 61.5 30.2 90.6

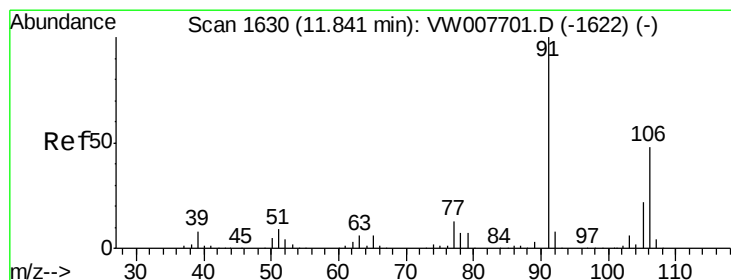
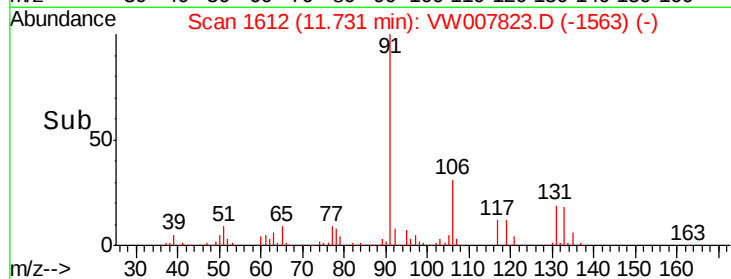
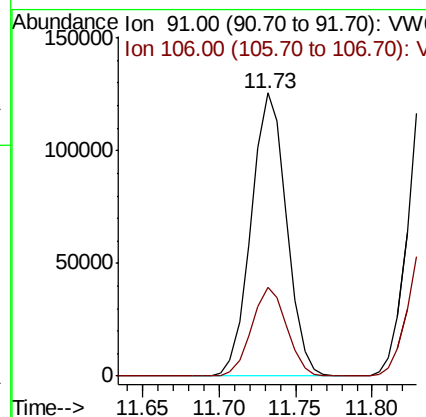
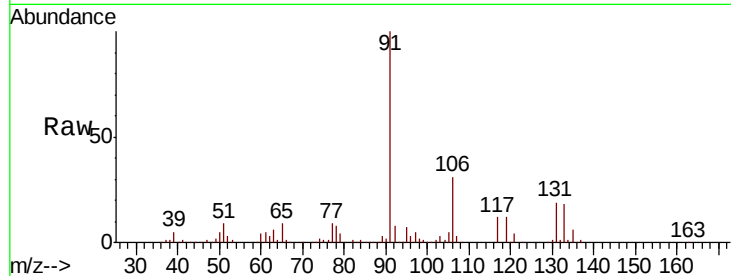




#67
Ethyl Benzene
Concen: 50.698 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

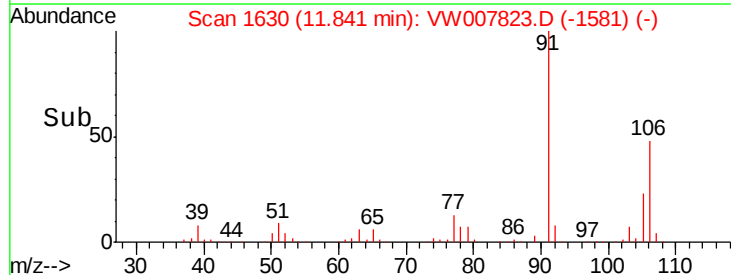
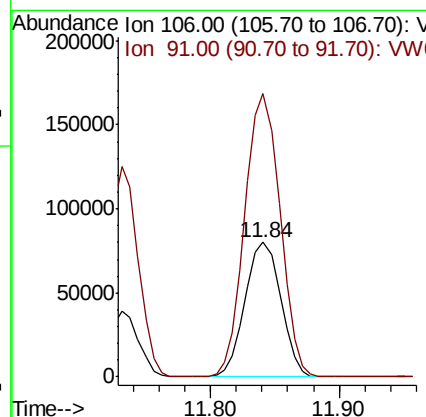
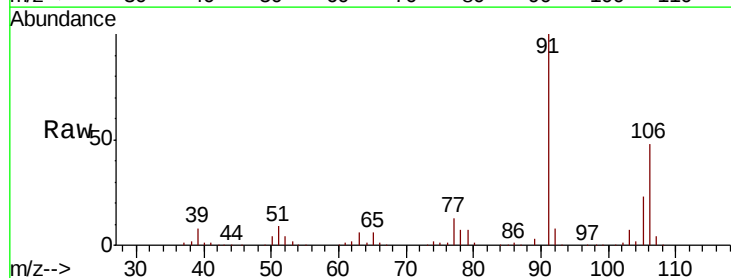
Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 91 Resp: 201669
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.8



#68
m/p-Xylenes
Concen: 100.089 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 106 Resp: 154445
Ion Ratio Lower Upper
106 100
91 207.9 165.2 247.8

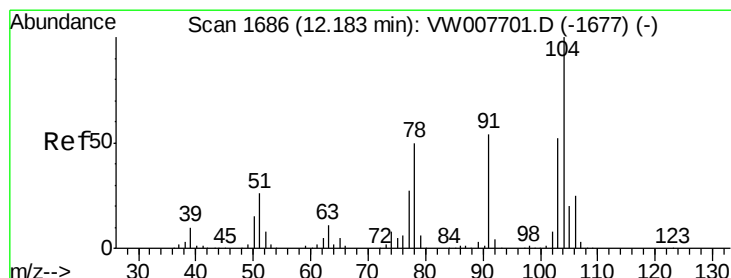
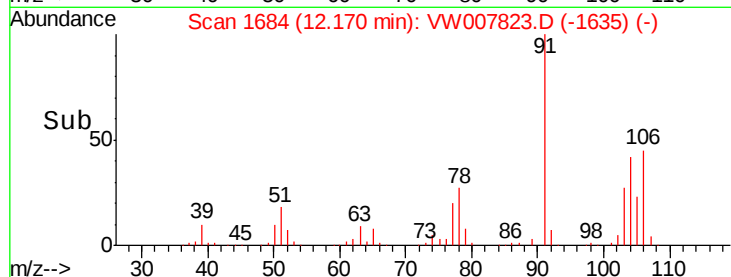
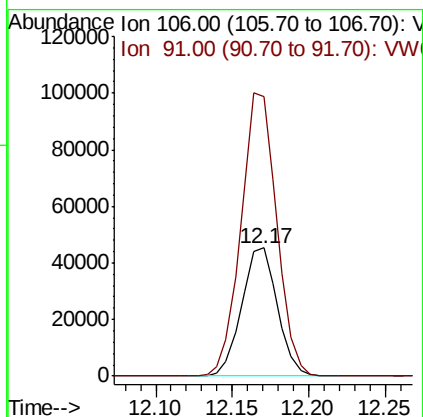
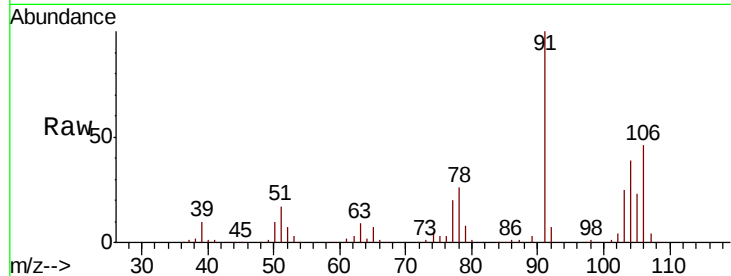




#69
o-Xylene
Concen: 50.801 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

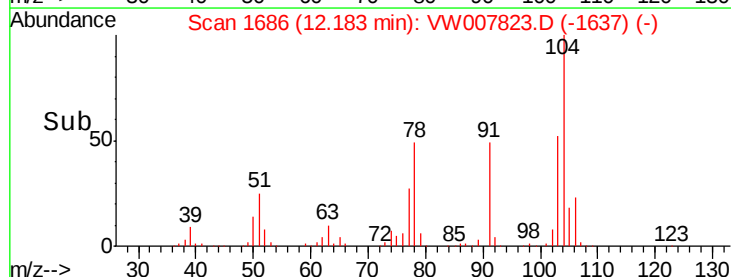
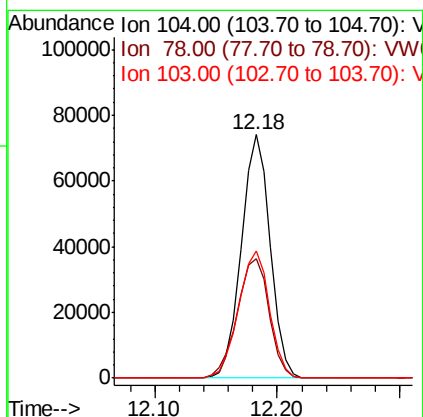
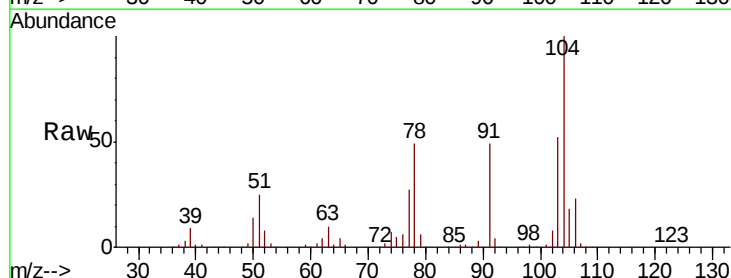
Instrument :
MSVOA_W
ClientSampled :
BFB

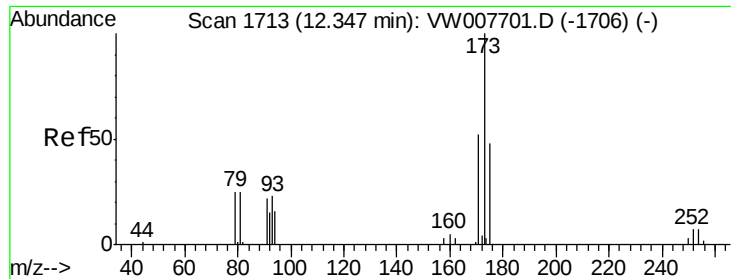
Tgt Ion:106 Resp: 73480
Ion Ratio Lower Upper
106 100
91 220.3 110.5 331.4



#70
Styrene
Concen: 50.770 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:104 Resp: 120713
Ion Ratio Lower Upper
104 100
78 54.6 43.4 65.0
103 56.4 44.5 66.7

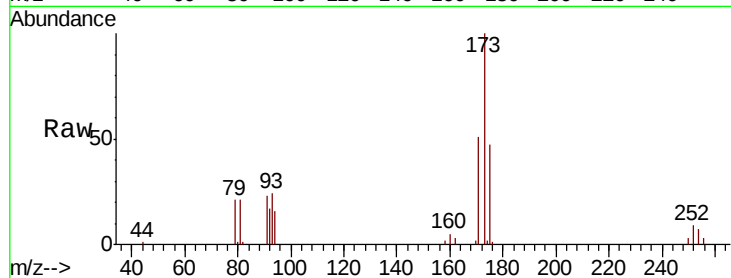




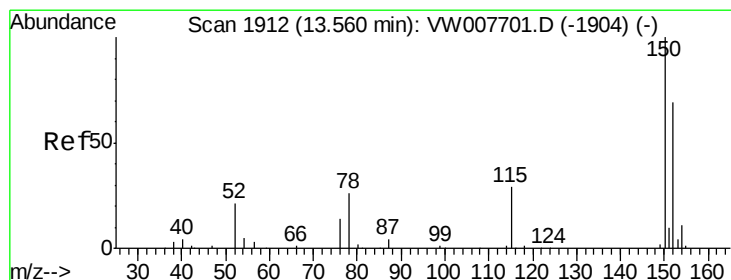
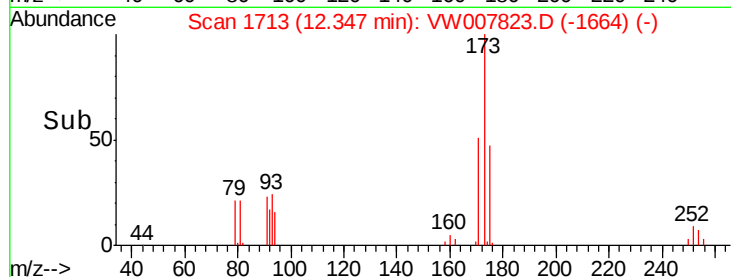
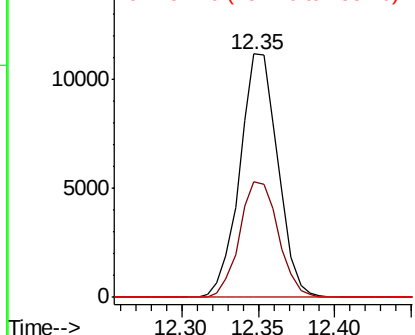
#71
Bromoform
Concen: 44.878 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:173 Resp: 19297
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.7
254 0.0 0.0 0.0

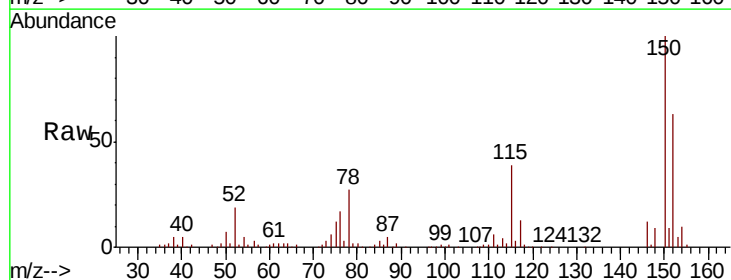


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

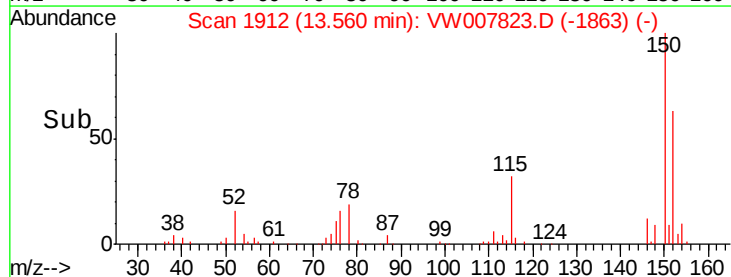
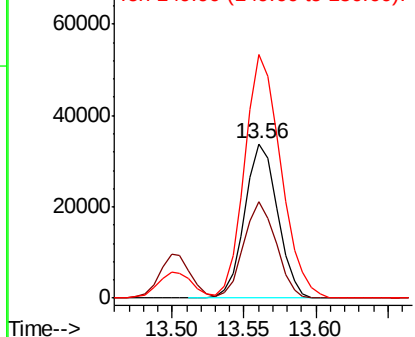


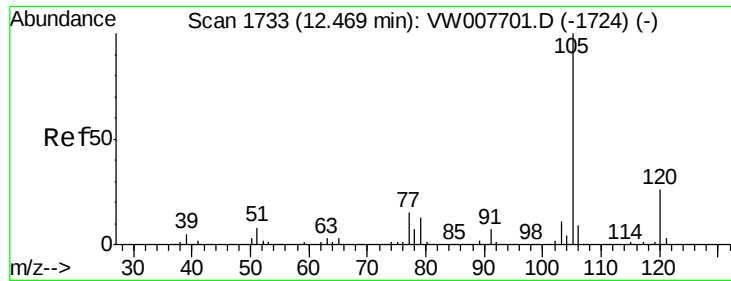
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:152 Resp: 53261
Ion Ratio Lower Upper
152 100
115 61.7 31.8 95.4
150 174.7 0.0 350.8



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





#73

Isopropylbenzene

Concen: 51.651 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

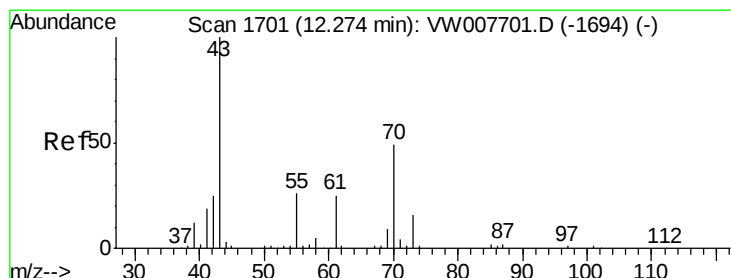
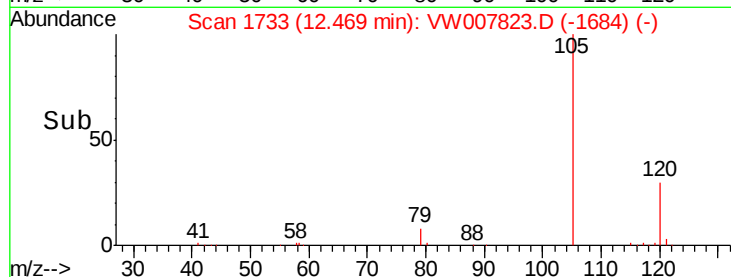
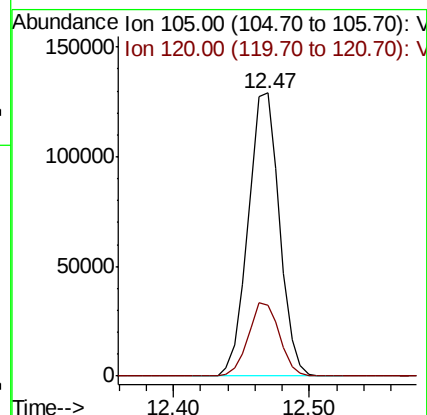
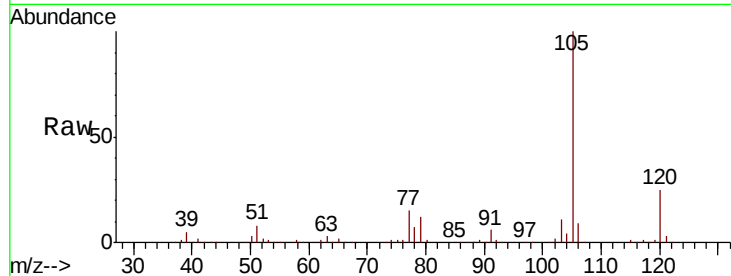
BFB

Tgt Ion:105 Resp: 207945

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



#74

N-ethyl acetate

Concen: 57.862 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion: 43 Resp: 40350

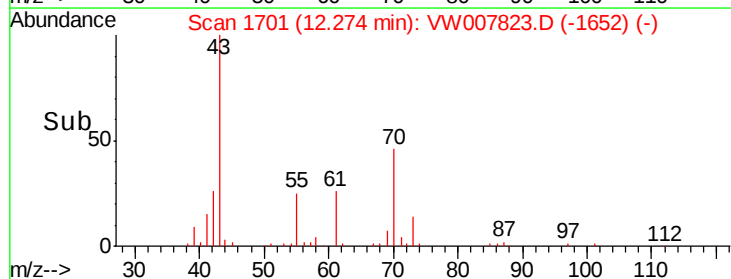
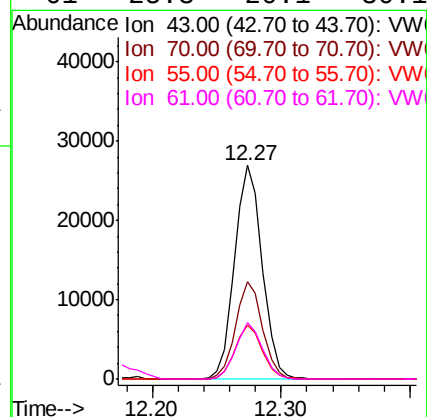
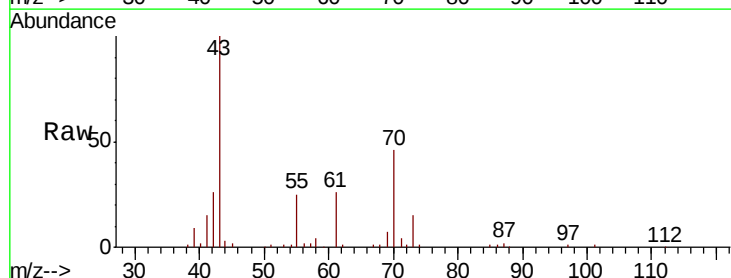
Ion Ratio Lower Upper

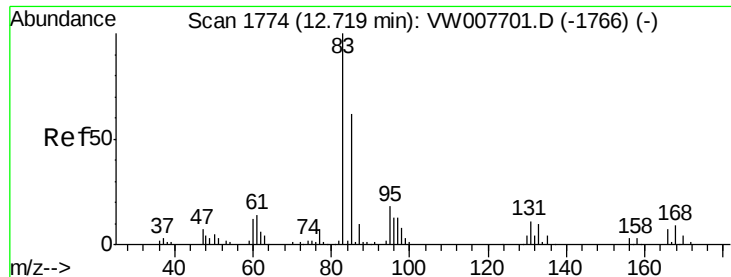
43 100

70 44.2 37.6 56.4

55 24.7 21.7 32.5

61 25.3 20.1 30.1

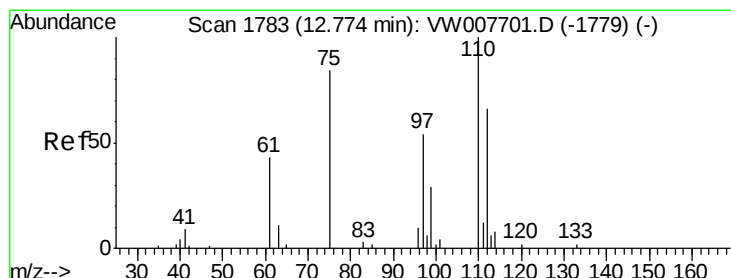
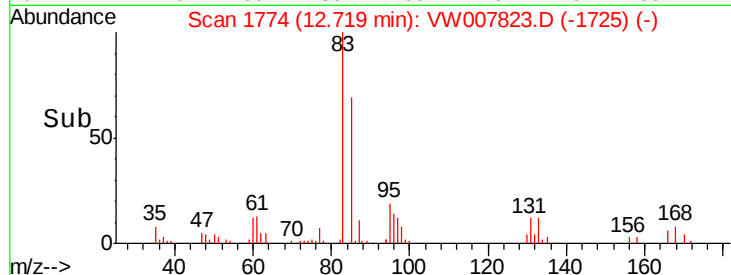
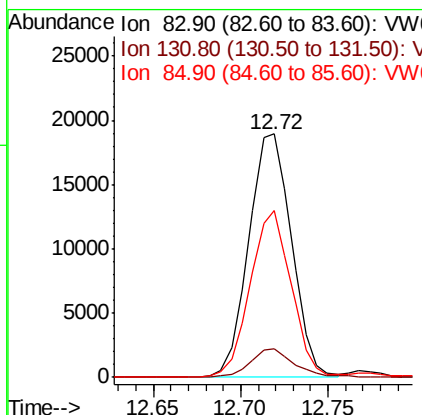
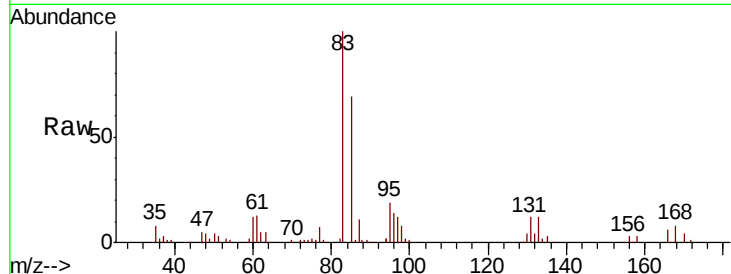




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.305 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

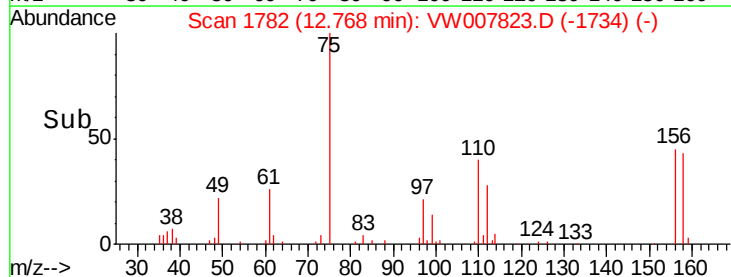
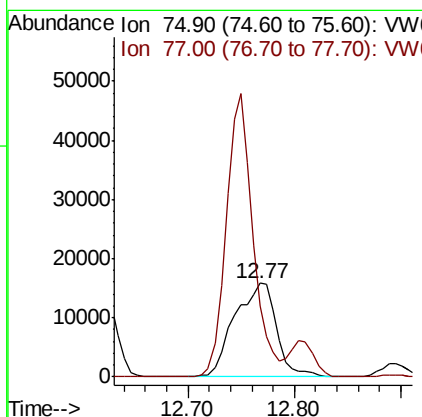
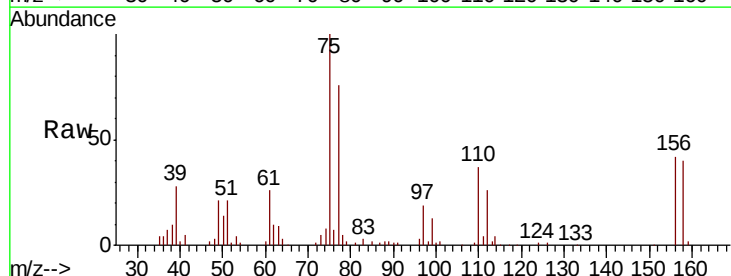
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

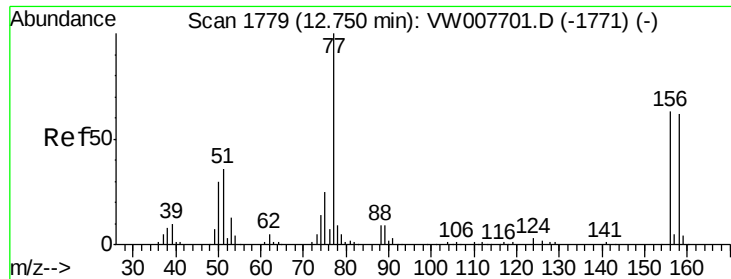
Tgt Ion: 83 Resp: 32176
 Ion Ratio Lower Upper
 83 100
 131 11.9 6.3 18.8
 85 66.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 105.967 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 75 Resp: 43622
 Ion Ratio Lower Upper
 75 100
 77 192.4 0.0 0.0#

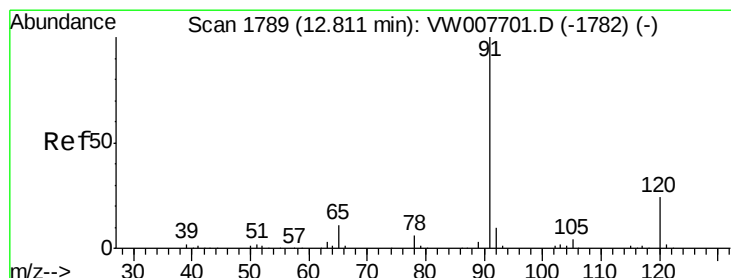
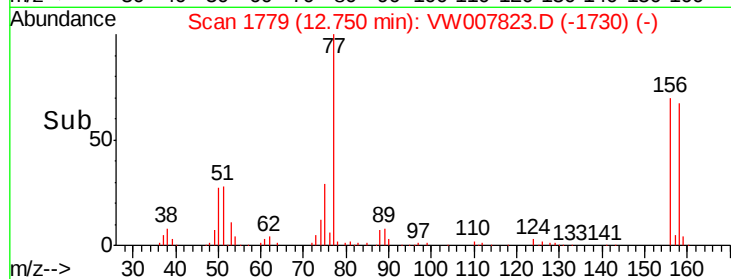
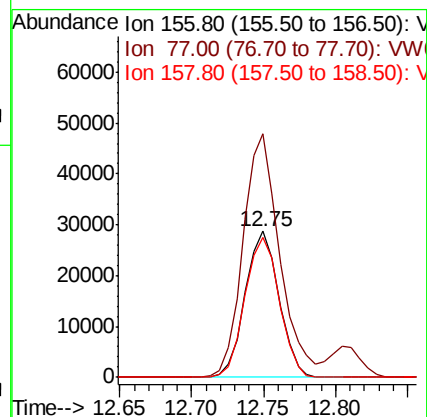
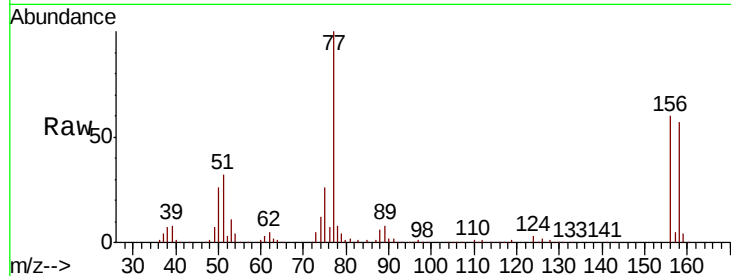




#77
Bromobenzene
Concen: 50.337 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

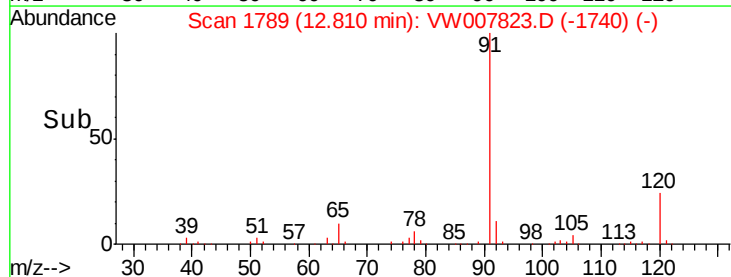
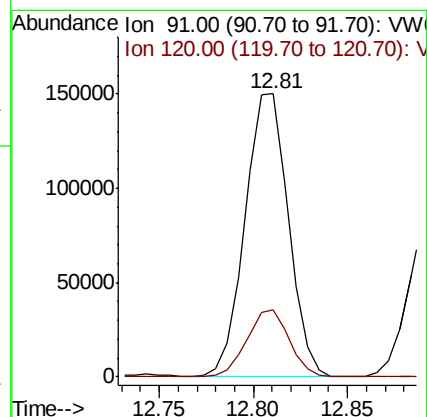
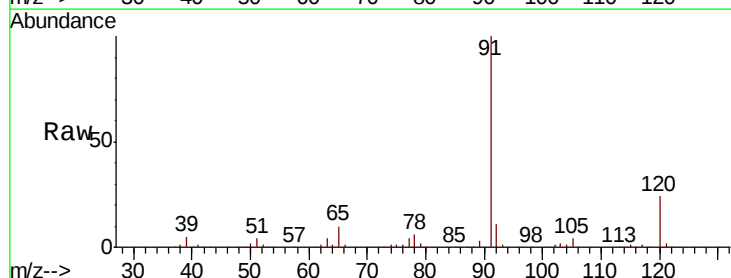
Instrument :
MSVOA_W
ClientSampleId :
BFB

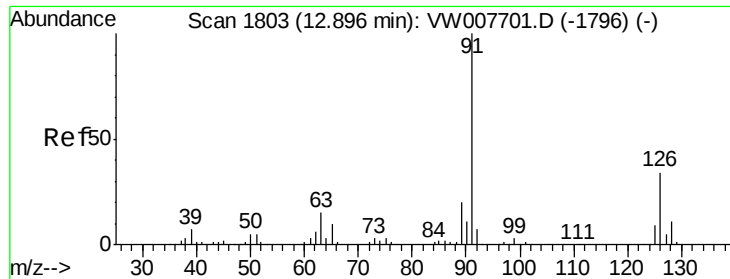
Tgt Ion: 156 Resp: 46443
Ion Ratio Lower Upper
156 100
77 180.7 87.4 262.1
158 97.7 48.4 145.0



#78
n-propylbenzene
Concen: 51.018 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 91 Resp: 239092
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.7

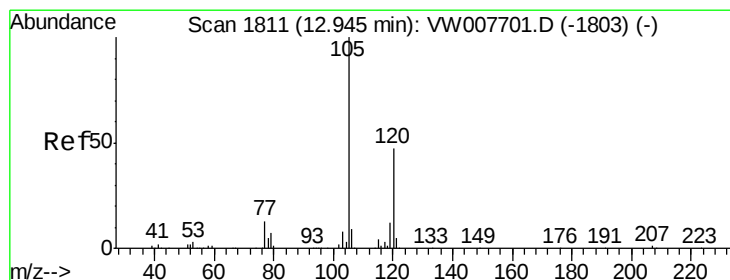
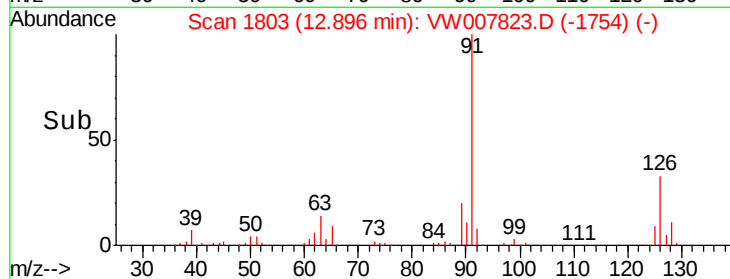
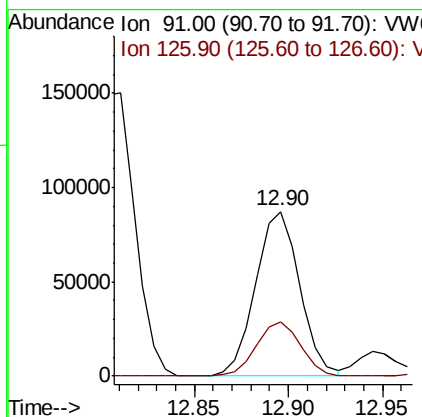
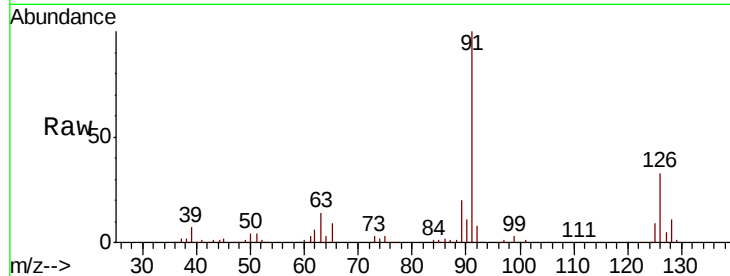




#79
 2-Chlorotoluene
 Concen: 51.884 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

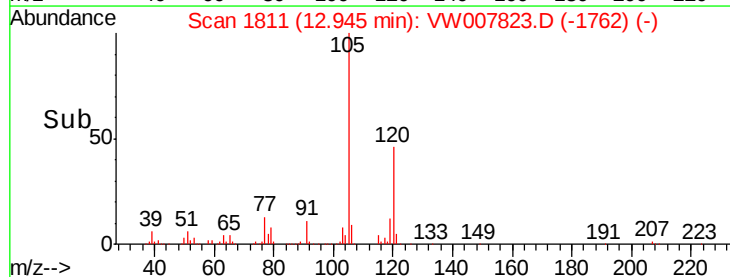
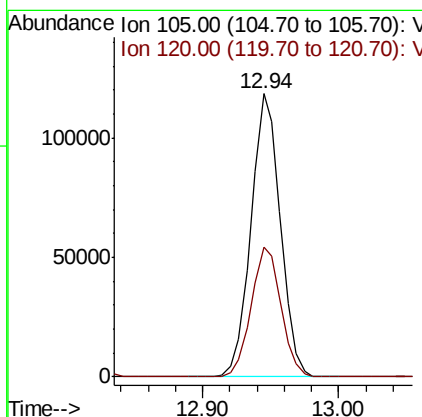
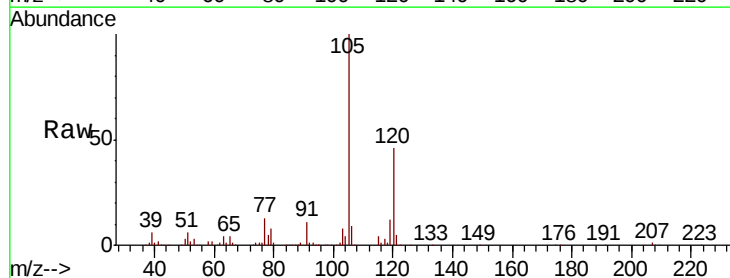
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

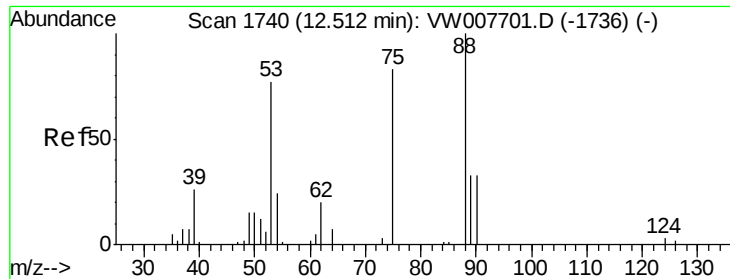
Tgt Ion: 91 Resp: 141647
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.643 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 105 Resp: 179338
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.6 70.8

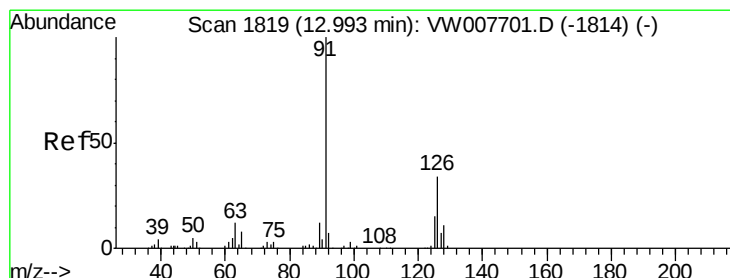
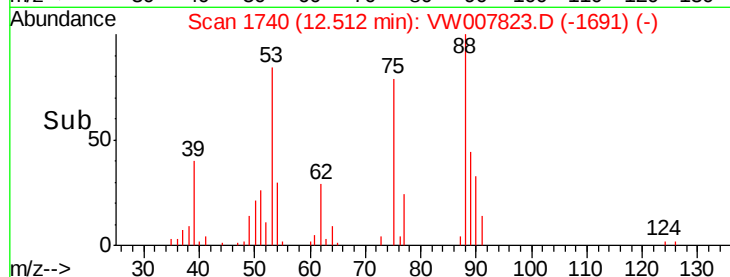
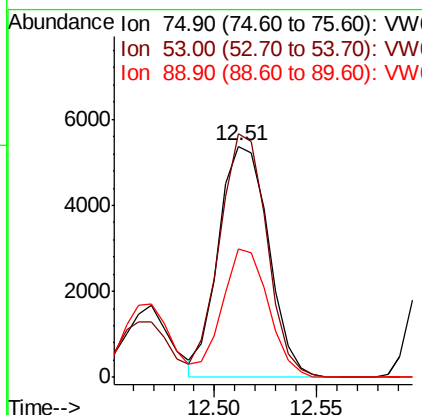
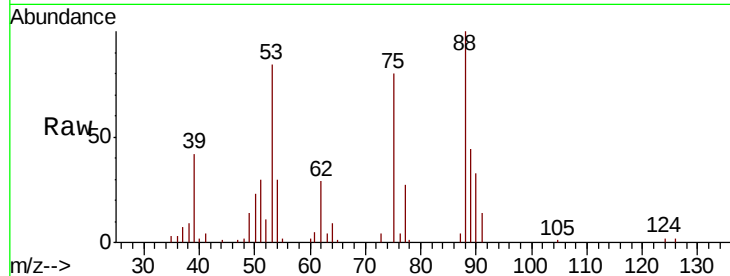




#81
trans-1,4-Dichloro-2-butene
Concen: 46.764 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

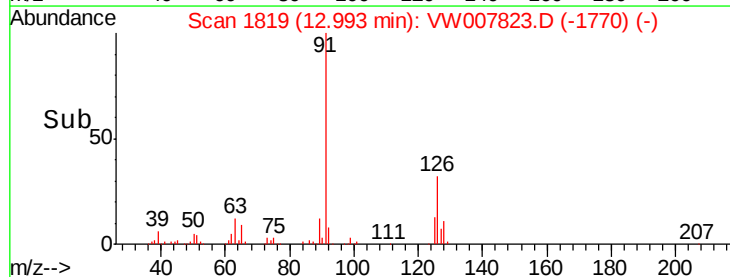
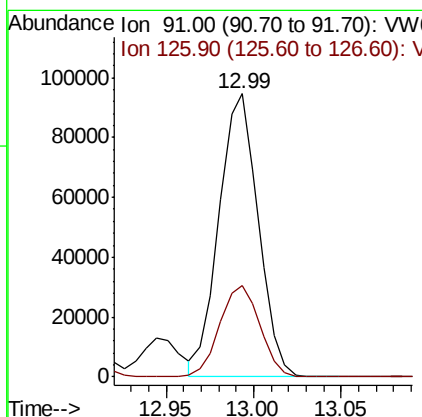
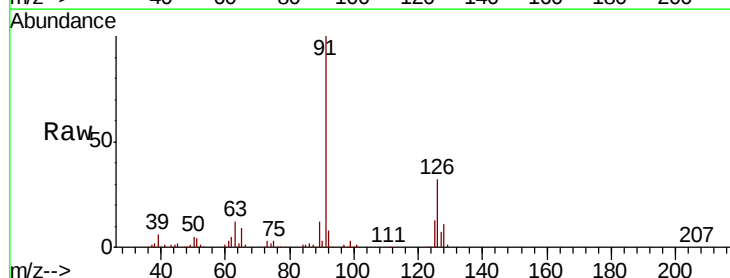
Instrument :
MSVOA_W
ClientSampleId :
BFB

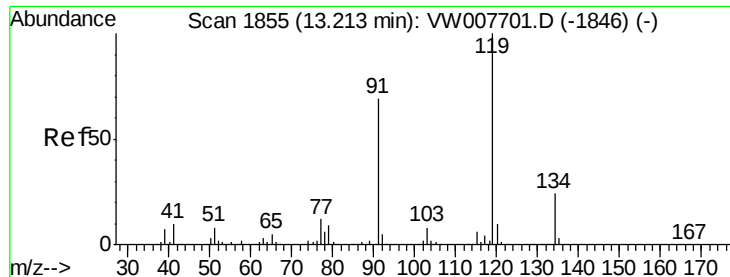
Tgt Ion: 75 Resp: 9171
Ion Ratio Lower Upper
75 100
53 99.0 80.2 120.2
89 51.4 39.2 58.8



#82
4-Chlorotoluene
Concen: 50.794 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 91 Resp: 147653
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

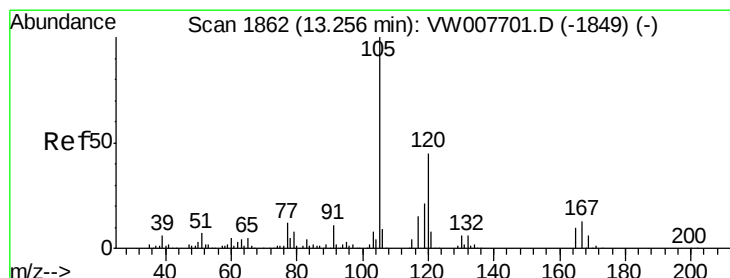
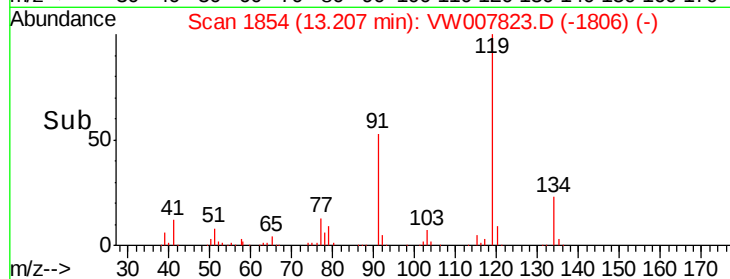
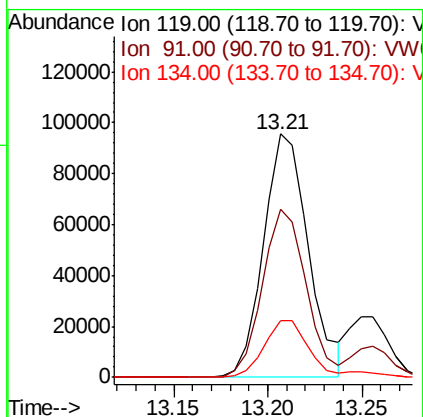
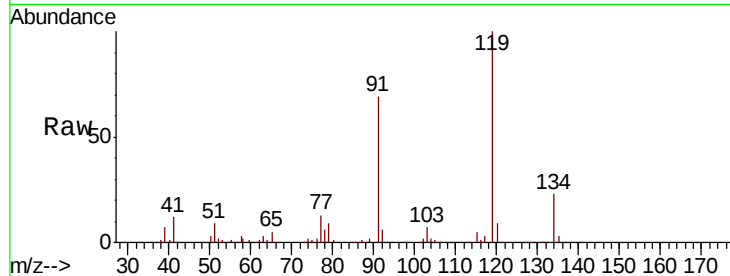




#83
 tert-Butylbenzene
 Concen: 51.828 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

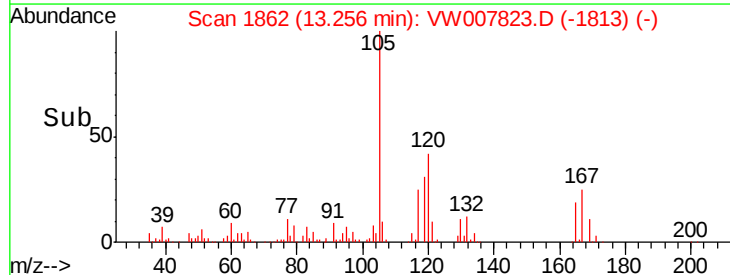
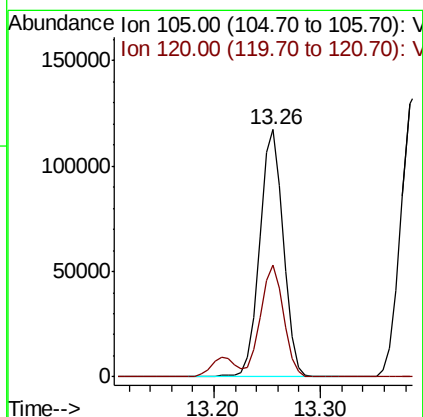
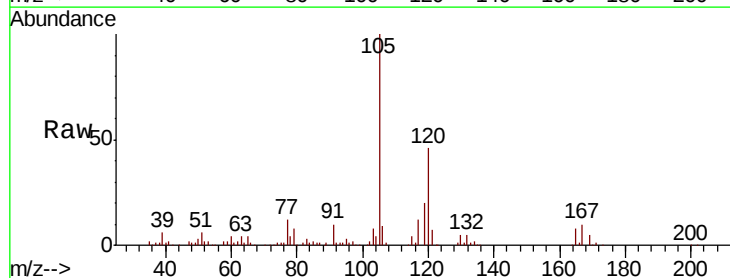
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

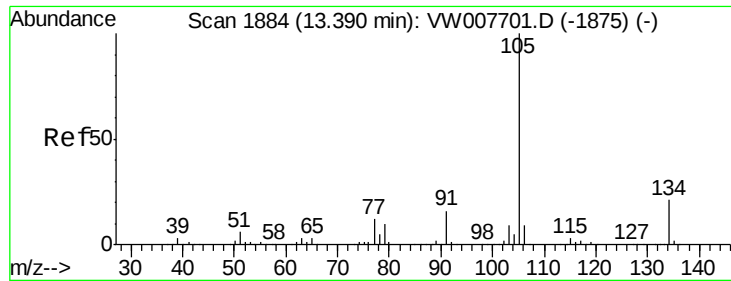
Tgt Ion:119 Resp: 157920
 Ion Ratio Lower Upper
 119 100
 91 67.3 34.2 102.5
 134 24.8 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.117 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion:105 Resp: 182625
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0

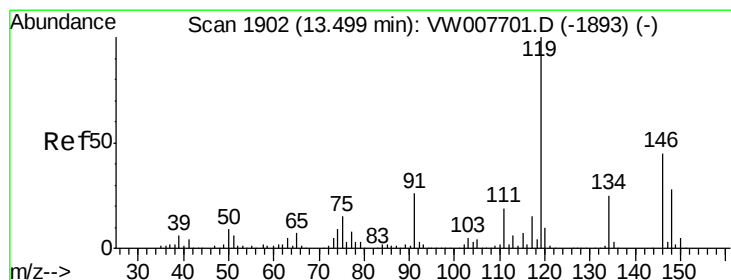
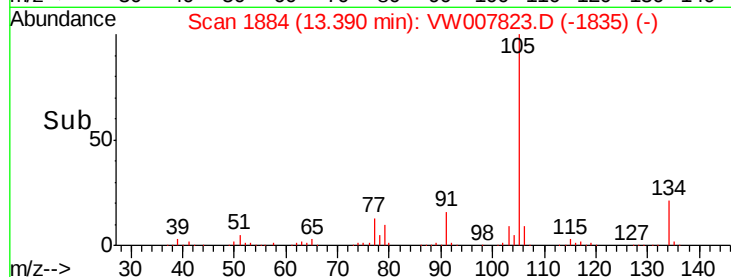
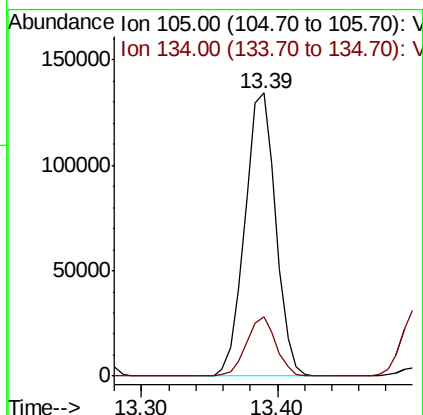
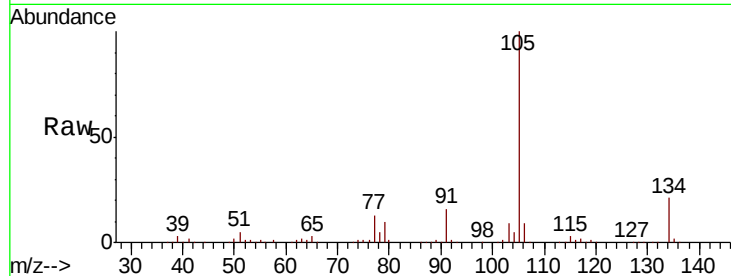




#85
 sec-Butylbenzene
 Concen: 50.754 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

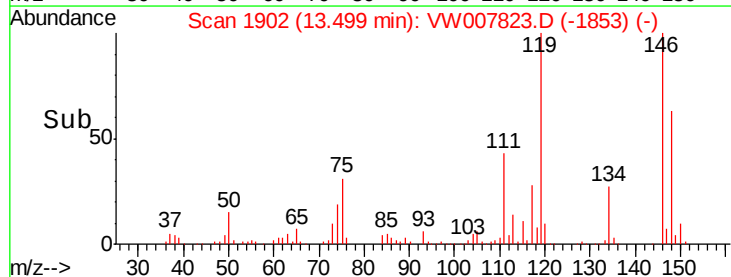
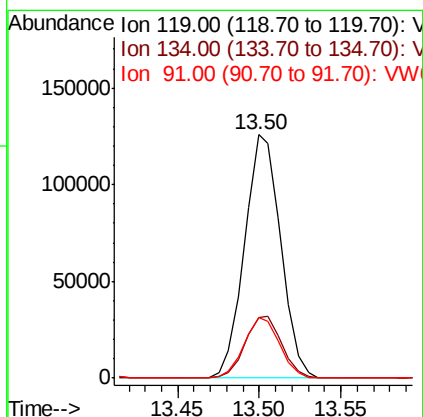
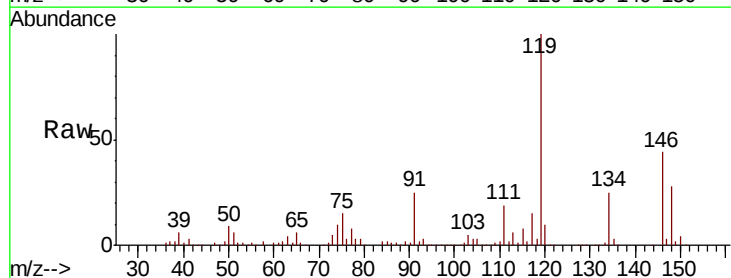
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

Tgt Ion:105 Resp: 213131
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 50.783 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion:119 Resp: 193914
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.7 12.8 38.4

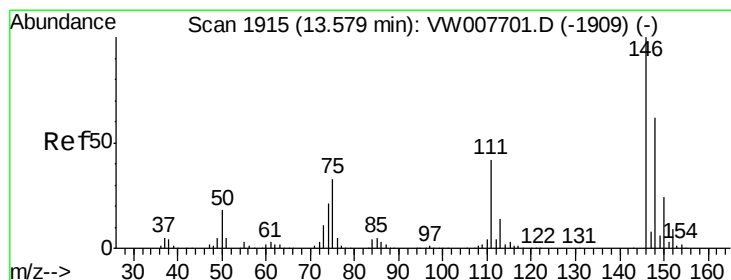
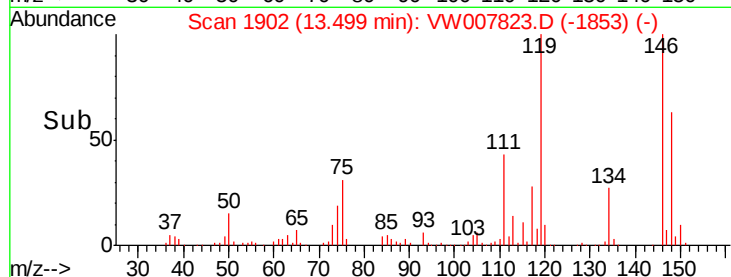
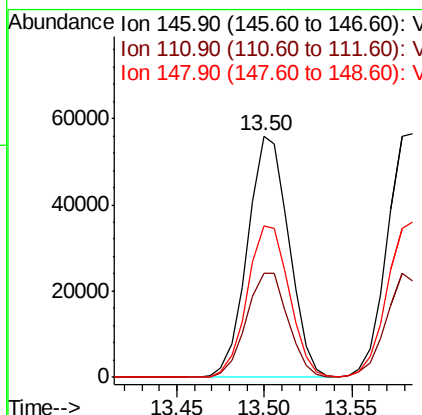
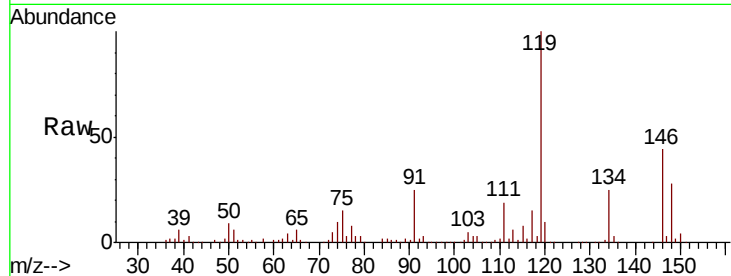




#87
 1,3-Dichlorobenzene
 Concen: 50.150 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

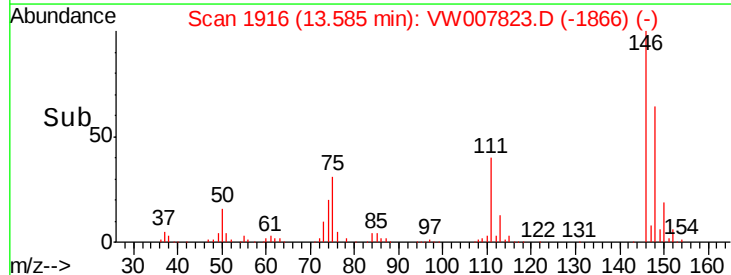
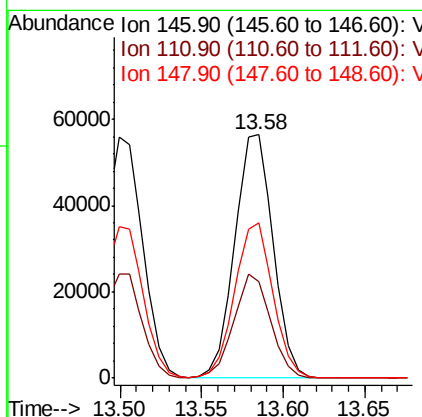
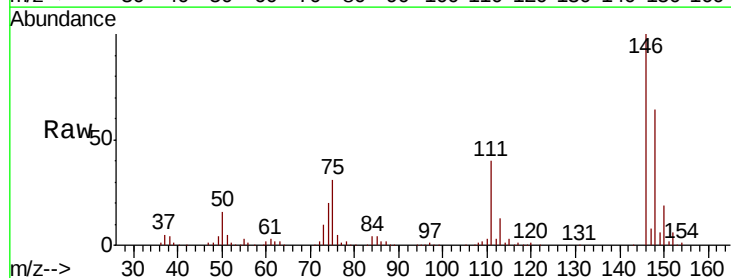
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

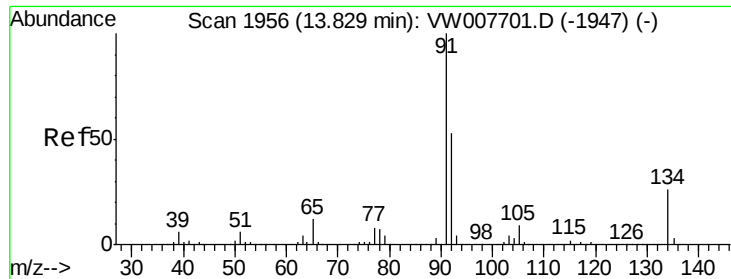
Tgt Ion:146 Resp: 91869
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.1 63.4
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.509 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion:146 Resp: 92555
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.0 63.0
 148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 50.368 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

BFB

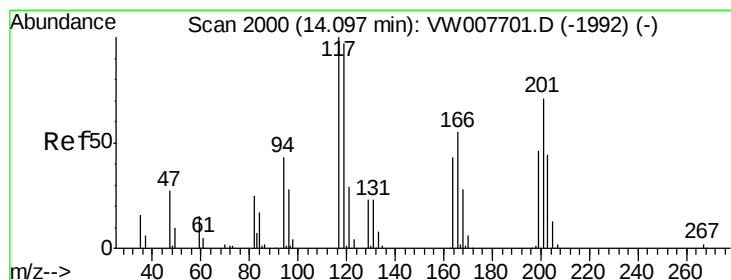
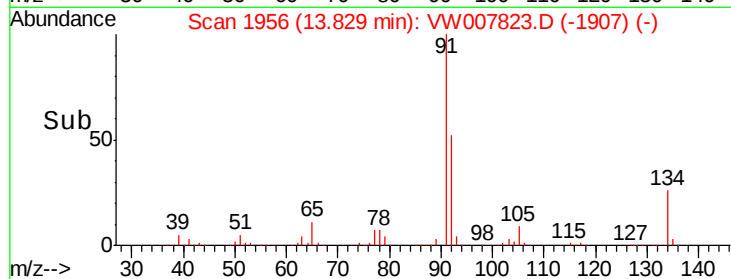
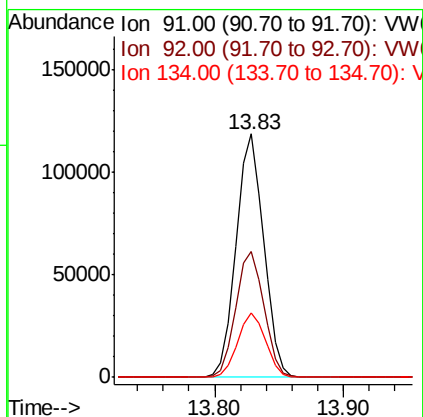
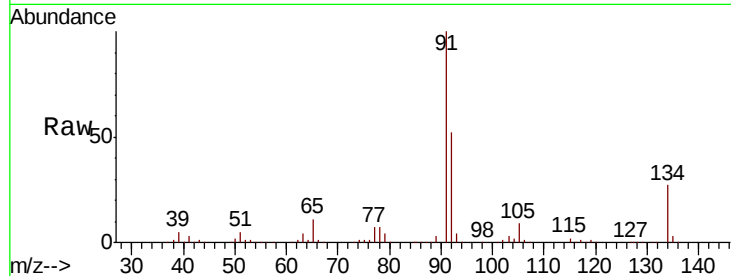
Tgt Ion: 91 Resp: 176342

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 26.5 13.7 41.0



#90

Hexachloroethane

Concen: 45.090 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007823.D

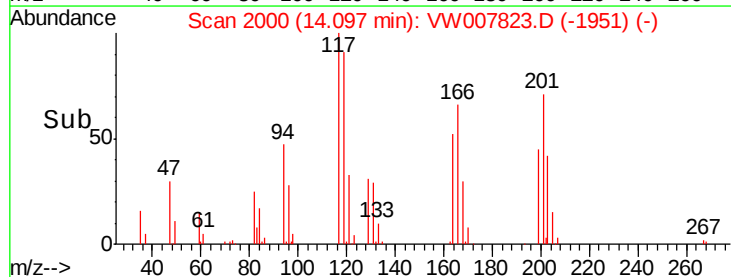
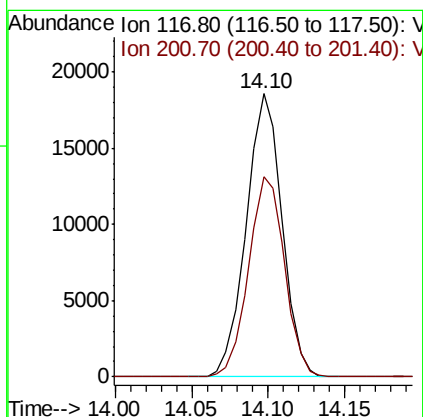
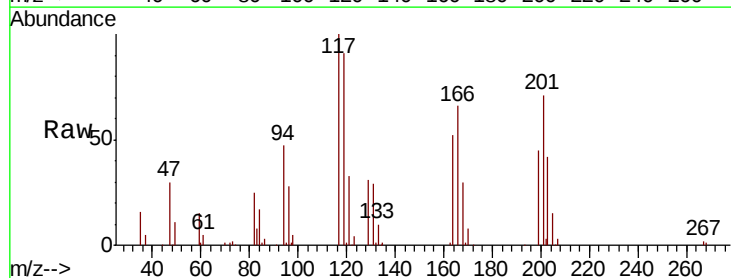
Acq: 22 Dec 2018 05:22

Tgt Ion: 117 Resp: 30227

Ion Ratio Lower Upper

117 100

201 71.0 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 50.549 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

BFB

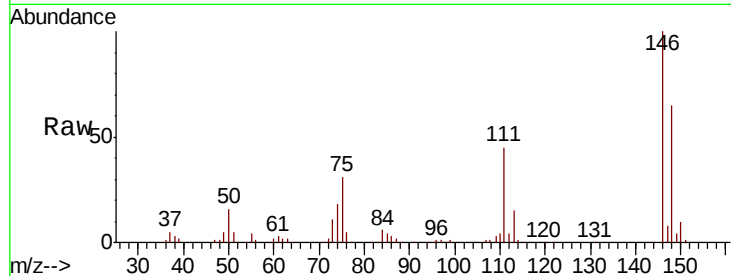
Tgt Ion:146 Resp: 82909

Ion Ratio Lower Upper

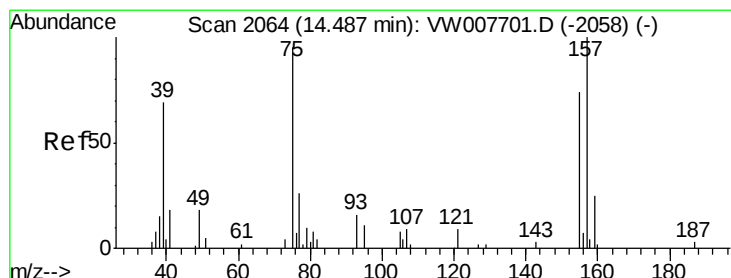
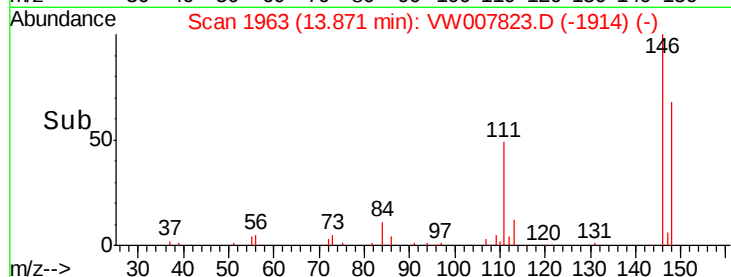
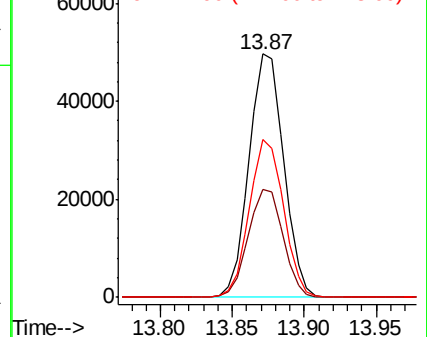
146 100

111 44.8 21.7 65.1

148 63.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.757 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

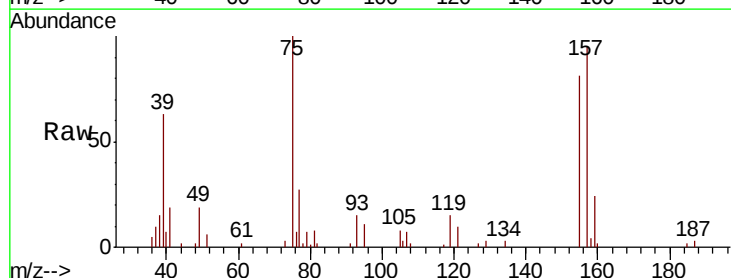
Tgt Ion: 75 Resp: 6292

Ion Ratio Lower Upper

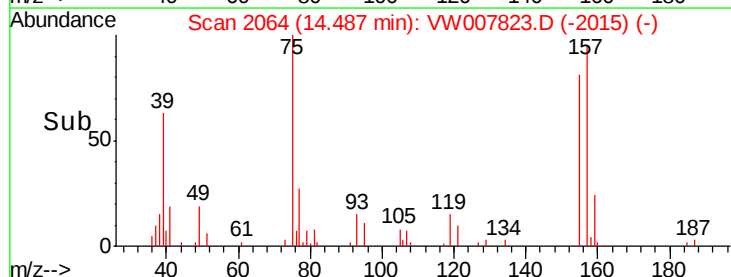
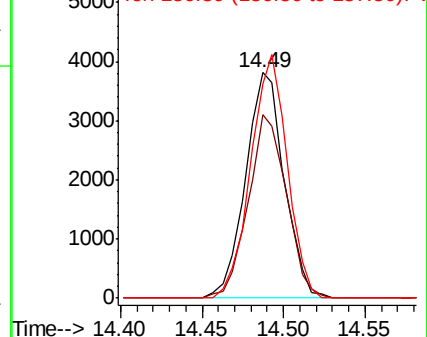
75 100

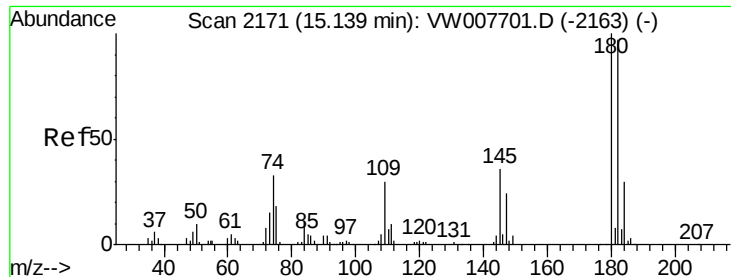
155 80.1 39.4 118.1

157 101.9 52.0 156.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

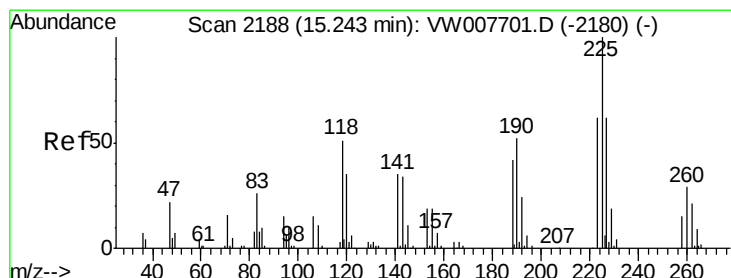
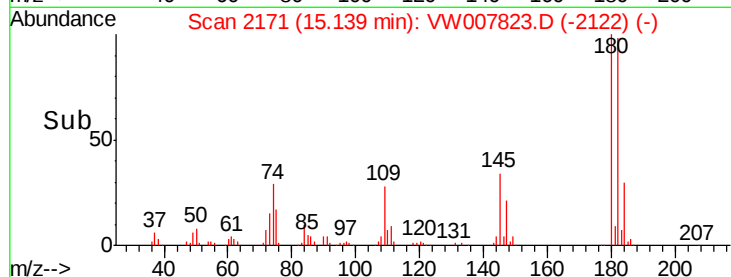
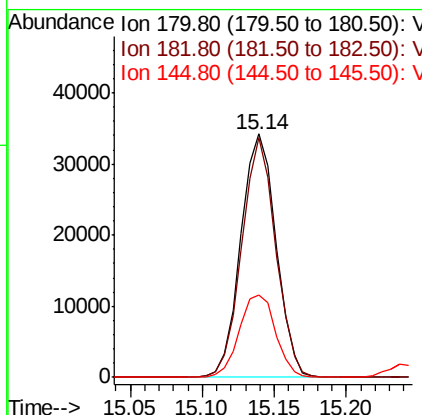
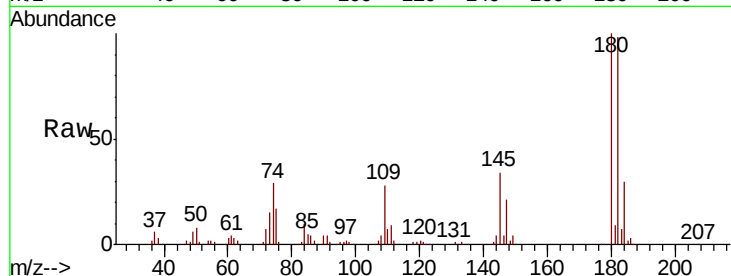




#93
 1,2,4-Trichlorobenzene
 Concen: 50.937 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

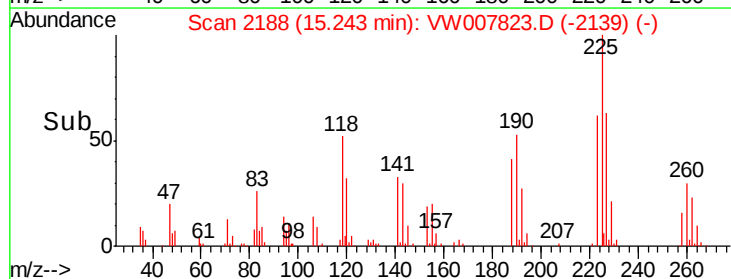
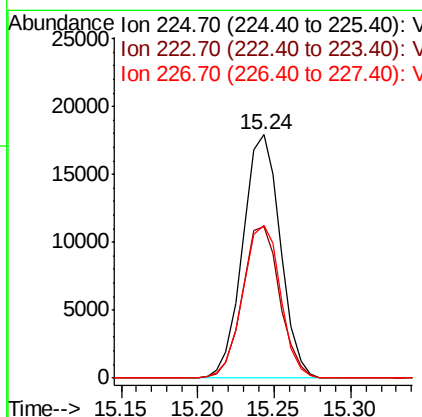
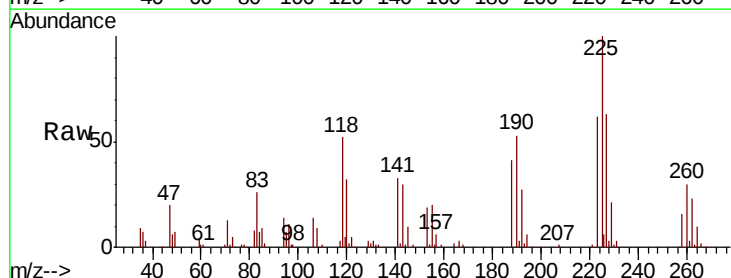
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

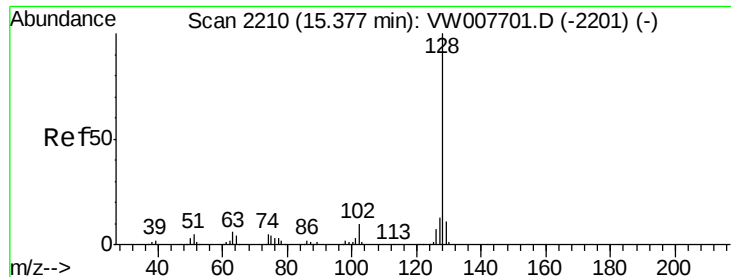
Tgt Ion:180 Resp: 57993
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.5 142.6
 145 34.9 17.5 52.5



#94
 Hexachlorobutadiene
 Concen: 50.156 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion:225 Resp: 30517
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 94.8
 227 63.1 32.1 96.3

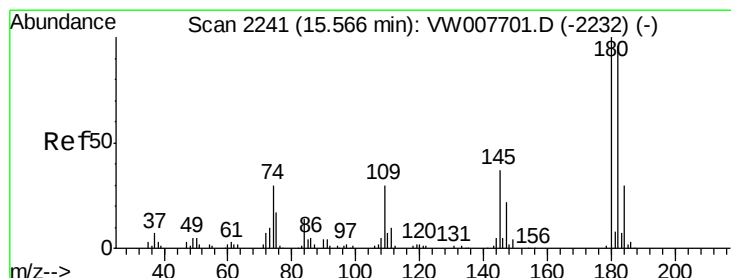
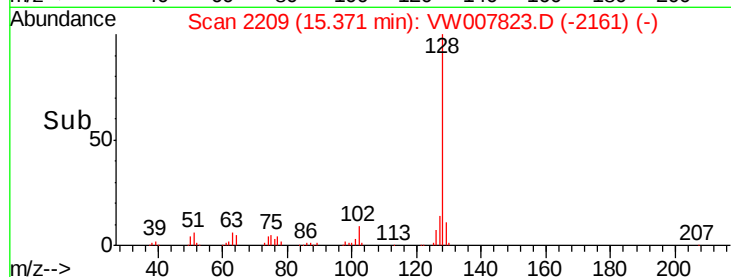
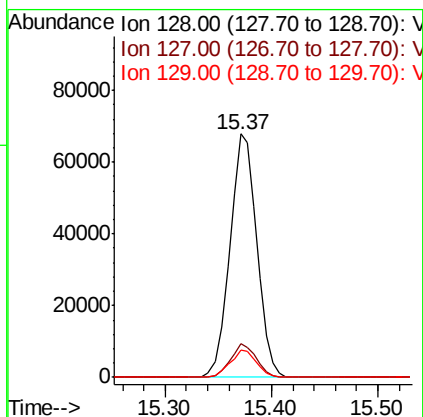
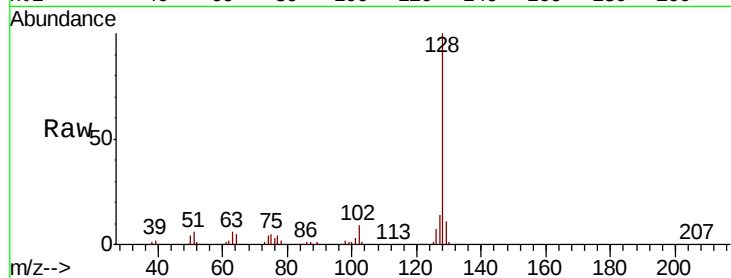




#95
Naphthalene
Concen: 56.943 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:128 Resp: 119861
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.126 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:180 Resp: 50801
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 36.3 18.4 55.0

