

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101320\
 Data File : VW016887.D
 Acq On : 12 Oct 2020 17:24
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Oct 12 23:28:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	364332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	534685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	479354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245582	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	159181	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	
35) Dibromofluoromethane	7.88	113	172369	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
50) Toluene-d8	10.32	98	645969	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.62	95	229072	54.06	ug/l	0.00
Spiked Amount			Recovery	=	108.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	92327	51.960	ug/l	99
3) Chloromethane	2.21	50	99247	45.550	ug/l	98
4) Vinyl Chloride	2.37	62	158357	50.259	ug/l	97
5) Bromomethane	2.78	94	116192	48.016	ug/l	99
6) Chloroethane	2.92	64	101656	50.698	ug/l	100
7) Trichlorofluoromethane	3.26	101	101469	44.233	ug/l	99
8) Diethyl Ether	3.68	74	77537	54.117	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	160742	52.040	ug/l	99
10) Methyl Iodide	4.28	142	255647	51.771	ug/l	99
11) Tert butyl alcohol	5.17	59	45811	316.313	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	158866	52.107	ug/l	93
13) Acrolein	3.90	56	49115	250.847	ug/l	97
14) Allyl chloride	4.67	41	190131	52.097	ug/l	100
15) Acrylonitrile	5.37	53	141842	297.409	ug/l	99
16) Acetone	4.12	43	127708	266.076	ug/l	94
17) Carbon Disulfide	4.39	76	425242	52.423	ug/l	100
18) Methyl Acetate	4.67	43	64774	58.839	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	177657	54.064	ug/l	99
20) Methylene Chloride	4.93	84	176893	56.456	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	178252	52.079	ug/l	98
22) Diisopropyl ether	6.31	45	356751	53.785	ug/l	97
23) Vinyl Acetate	6.26	43	1224403	288.081	ug/l	99
24) 1,1-Dichloroethane	6.22	63	280249	53.283	ug/l	100
25) 2-Butanone	7.17	43	194976	304.710	ug/l	99
26) 2,2-Dichloropropane	7.17	77	163022	50.661	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	194210	52.978	ug/l	99
28) Bromochloromethane	7.51	49	116849	55.509	ug/l	100
29) Tetrahydrofuran	7.53	42	113137	315.663	ug/l	98
30) Chloroform	7.68	83	304274	53.215	ug/l	100
31) Cyclohexane	7.96	56	223836	49.894	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	253773	52.618	ug/l	99
36) 1,1-Dichloropropene	8.09	75	239067	51.725	ug/l	100
37) Ethyl Acetate	7.26	43	87575	57.989	ug/l	99
38) Carbon Tetrachloride	8.07	117	247840	51.569	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279331	52.993	ug/l	95
40) Benzene	8.32	78	666941	51.784	ug/l	99
41) Methacrylonitrile	7.48	41	53048	59.278	ug/l	95
42) 1,2-Dichloroethane	8.40	62	187459	53.211	ug/l	99
43) Isopropyl Acetate	8.43	43	168138	58.118	ug/l	99
44) Trichloroethene	9.09	130	205997	51.676	ug/l	98
45) 1,2-Dichloropropane	9.37	63	154559	52.624	ug/l	100
46) Dibromomethane	9.46	93	90244	53.720	ug/l	99
47) Bromodichloromethane	9.65	83	224111	53.654	ug/l	99
48) Methyl methacrylate	9.44	41	81202	60.909	ug/l	95
49) 1,4-Dioxane	9.45	88	24103	1247.363	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	431566	294.869	ug/l	100
52) Toluene	10.39	92	440024	51.684	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	213678	56.193	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	254988	54.899	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	131100	54.826	ug/l	98
56) Ethyl methacrylate	10.65	69	153878	59.155	ug/l	99
57) 1,3-Dichloropropane	10.93	76	214450	54.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	388800	269.723	ug/l	100
59) 2-Hexanone	10.97	43	293981	303.584	ug/l	100
60) Dibromochloromethane	11.13	129	161465	55.053	ug/l	99
61) 1,2-Dibromoethane	11.24	107	129752	54.793	ug/l	98
64) Tetrachloroethene	10.86	164	182728	53.504	ug/l	91
65) Chlorobenzene	11.66	112	492048	52.333	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	180170	54.185	ug/l	99
67) Ethyl Benzene	11.73	91	867507	52.949	ug/l	99
68) m/p-Xylenes	11.84	106	669665	105.092	ug/l	99
69) o-Xylene	12.16	106	316554	54.135	ug/l	99
70) Styrene	12.18	104	531923	54.656	ug/l	100
71) Bromoform	12.35	173	97369	58.329	ug/l #	96
73) Isopropylbenzene	12.47	105	863980	52.930	ug/l	99
74) N-amyl acetate	12.27	43	156890	59.838	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	144756	56.521	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	180960	98.753	ug/l #	1
77) Bromobenzene	12.75	156	214857	53.249	ug/l	99
78) n-propylbenzene	12.80	91	1009921	53.649	ug/l	99
79) 2-Chlorotoluene	12.89	91	560730	52.217	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	735483	53.765	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41419	60.755	ug/l	99
82) 4-Chlorotoluene	12.99	91	587411	52.989	ug/l	100
83) tert-Butylbenzene	13.21	119	638336	53.728	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	731014	53.630	ug/l	99
85) sec-Butylbenzene	13.38	105	886210	53.587	ug/l	99
86) p-Isopropyltoluene	13.50	119	843608	54.782	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	410230	52.575	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	411382	53.501	ug/l	98
89) n-Butylbenzene	13.82	91	748161	53.930	ug/l	99
90) Hexachloroethane	14.10	117	132967	55.959	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	358641	53.272	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24354	62.095	ug/l	98

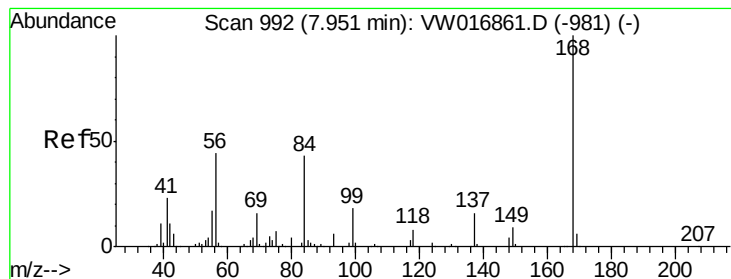
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	262296	56.467	ug/l	99
94) Hexachlorobutadiene	15.24	225	168177	55.850	ug/l	95
95) Naphthalene	15.36	128	463048	61.335	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	230795	57.112	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

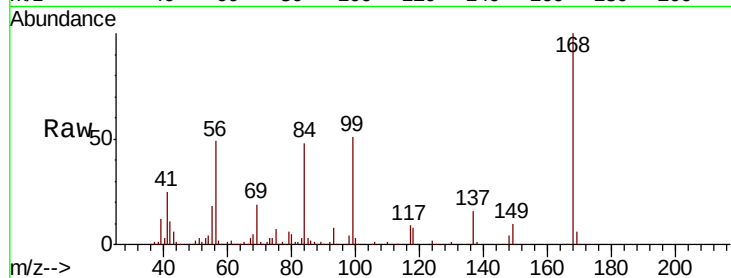
BFB

Tot Ion:168 Resp: 364332

Ion Ratio Lower Upper

168 100

99 50.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

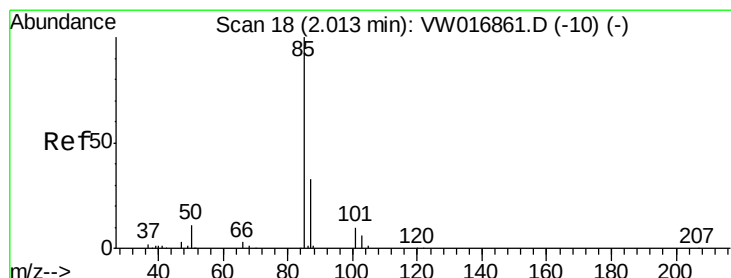
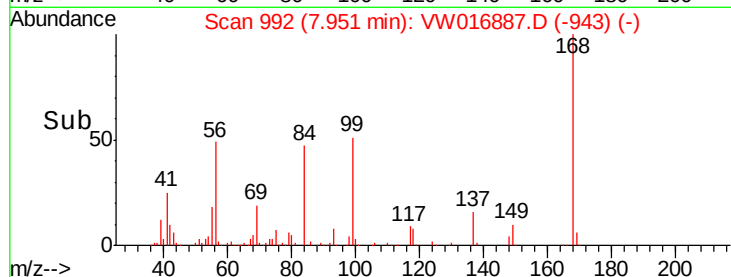
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.960 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016887.D

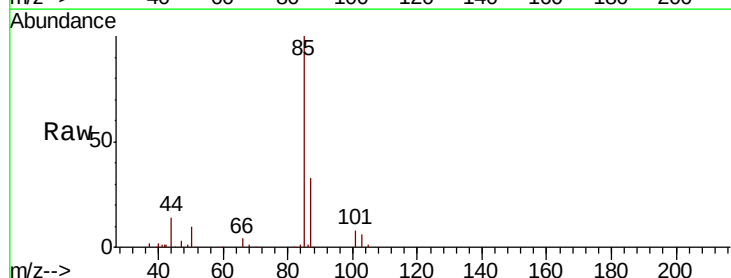
Acq: 12 Oct 2020 17:24

Tgt Ion: 85 Resp: 92327

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

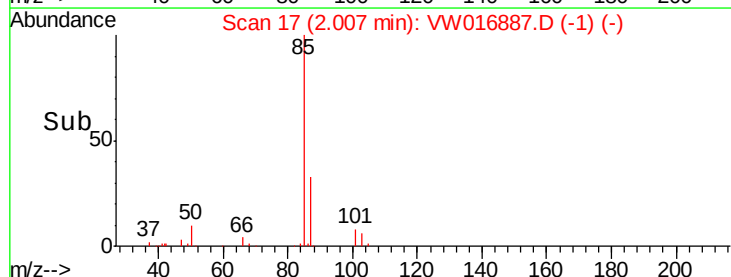
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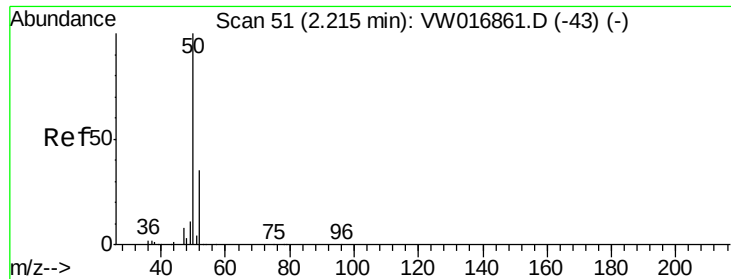
20000

10000

0

Time-->





#3

Chloromethane

Concen: 45.550 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

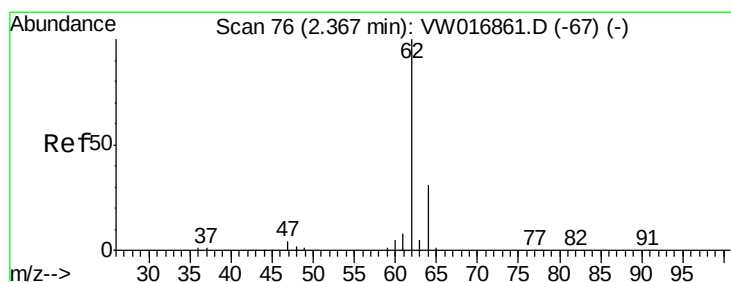
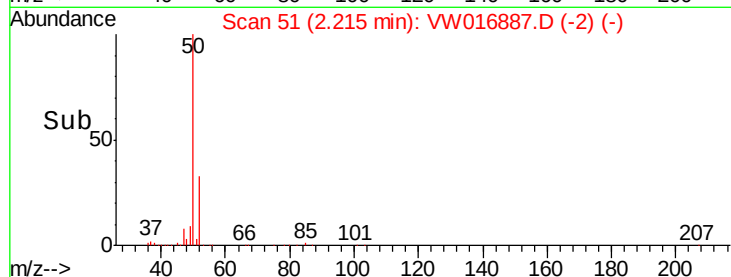
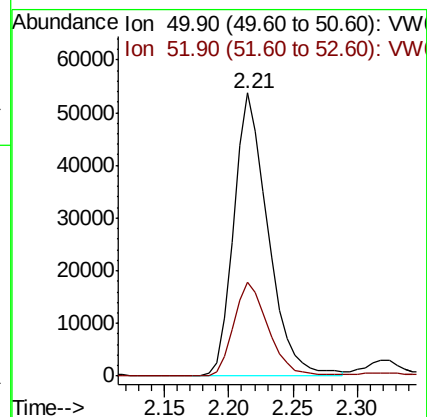
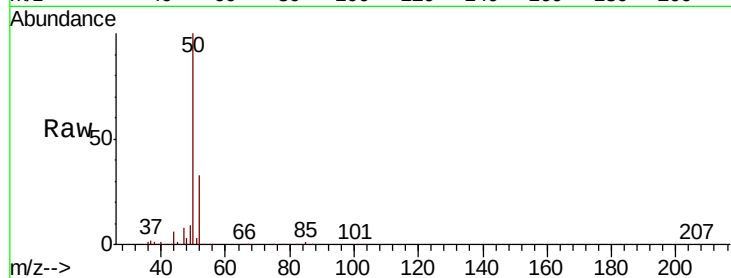
BFB

Tot Ion: 50 Resp: 99247

Ion Ratio Lower Upper

50 100

52 33.3 27.6 41.4



#4

Vinyl Chloride

Concen: 50.259 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016887.D

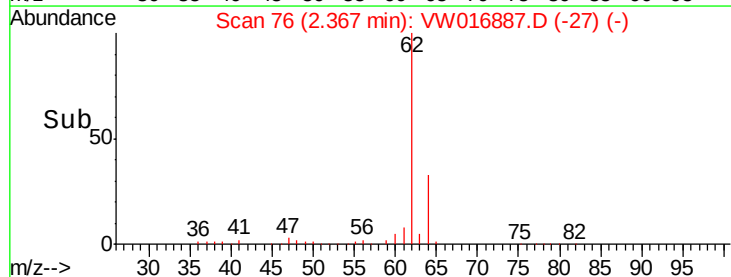
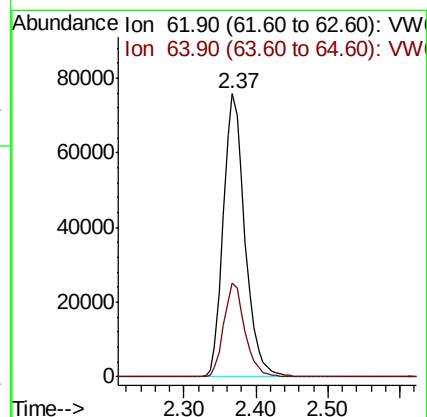
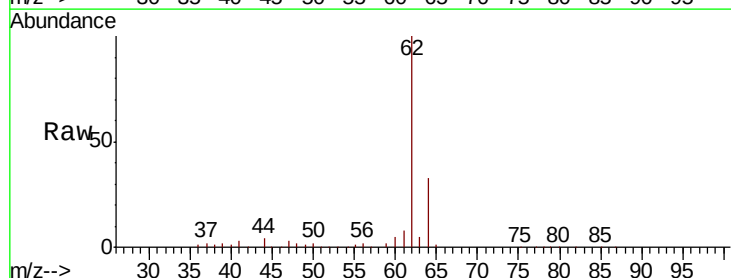
Acq: 12 Oct 2020 17:24

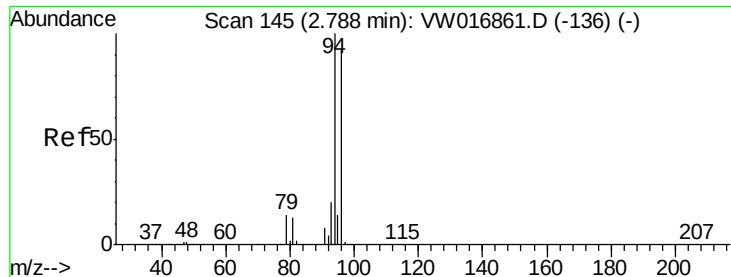
Tgt Ion: 62 Resp: 158357

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.4





#5

Bromomethane

Concen: 48.016 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

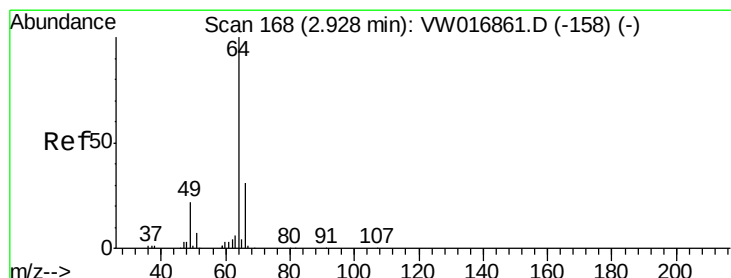
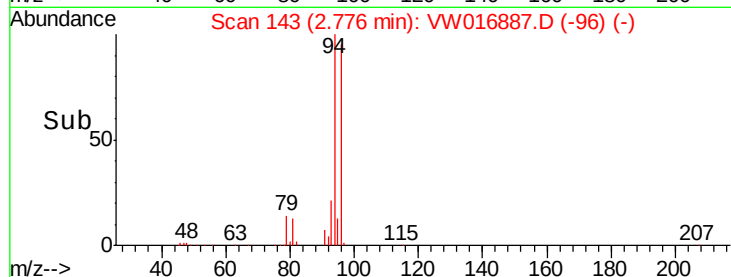
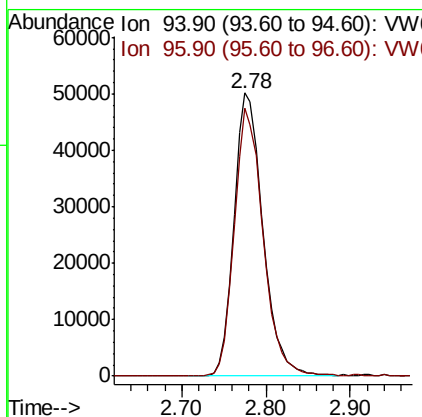
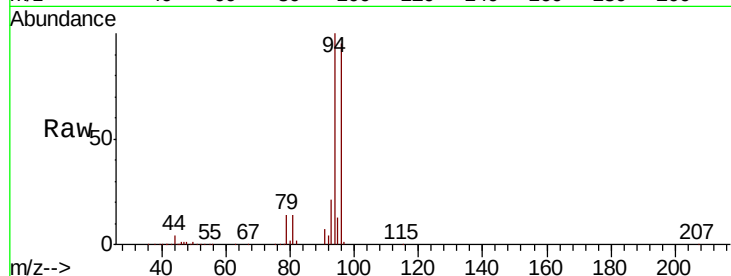
BFB

Tot Ion: 94 Resp: 116192

Ion Ratio Lower Upper

94 100

96 94.8 74.7 112.1



#6

Chloroethane

Concen: 50.698 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016887.D

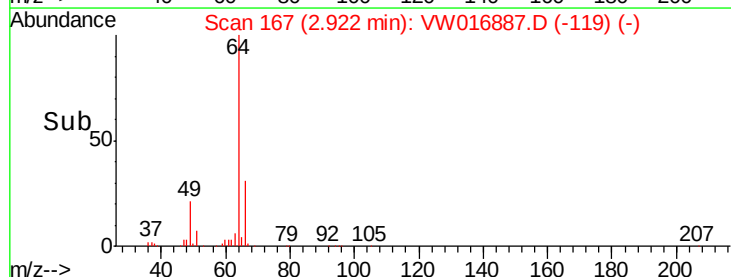
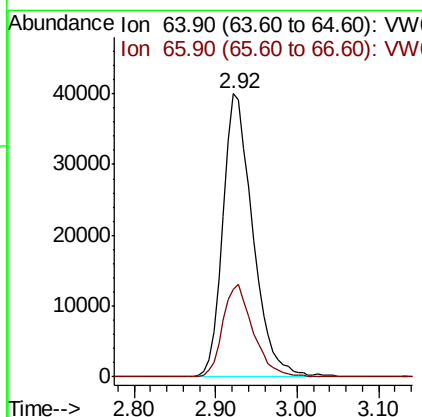
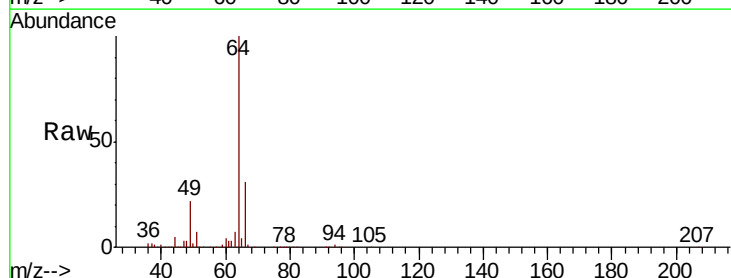
Acq: 12 Oct 2020 17:24

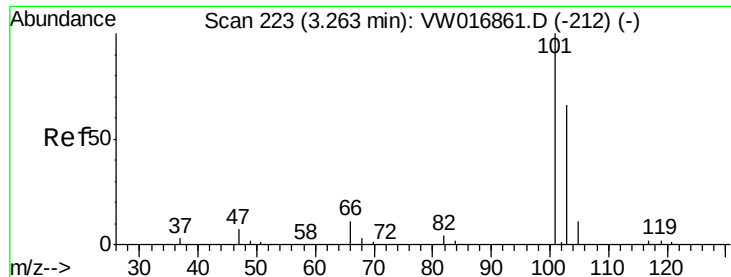
Tgt Ion: 64 Resp: 101656

Ion Ratio Lower Upper

64 100

66 31.1 25.0 37.6



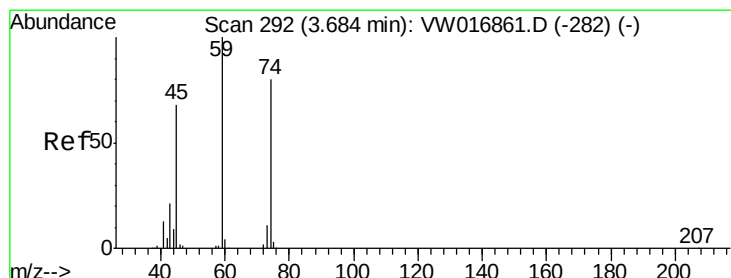
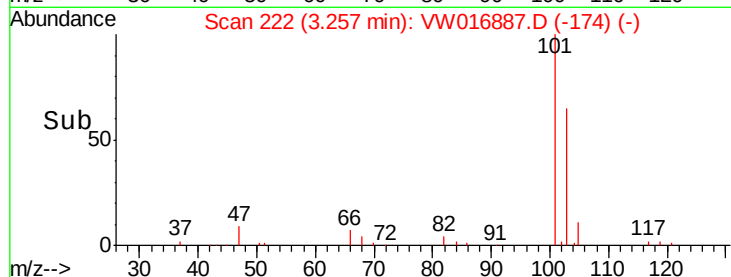
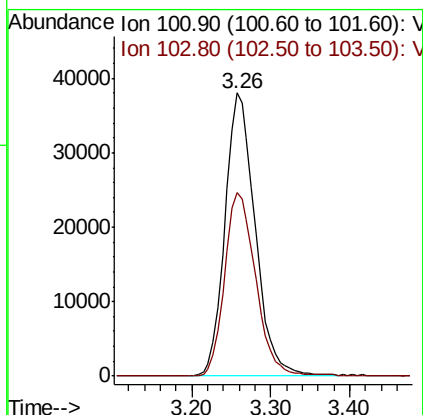
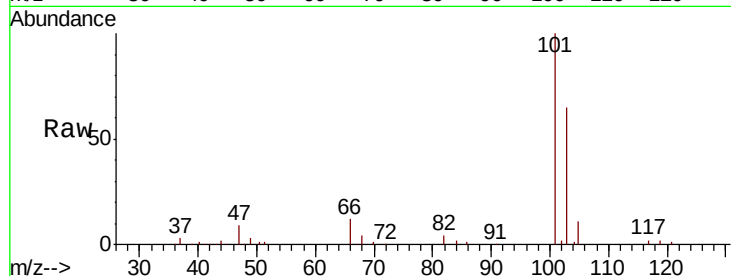


#7

Trichlorofluoromethane
Concen: 44.233 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW016887.D
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Instrument :
MSVOA_W
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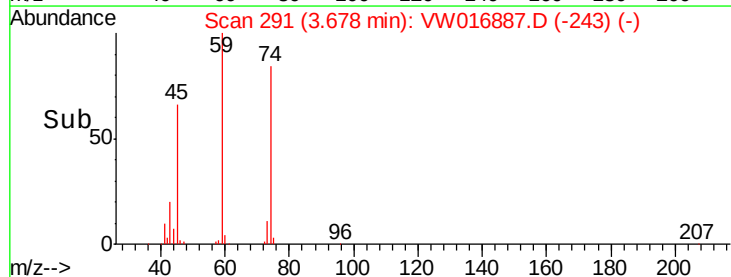
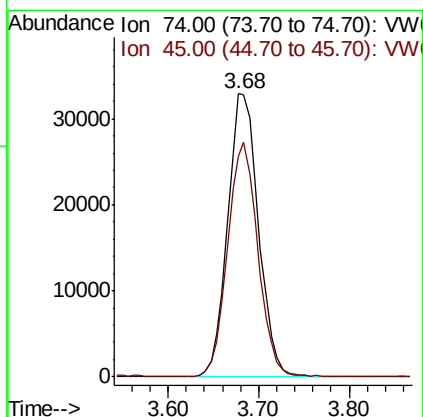
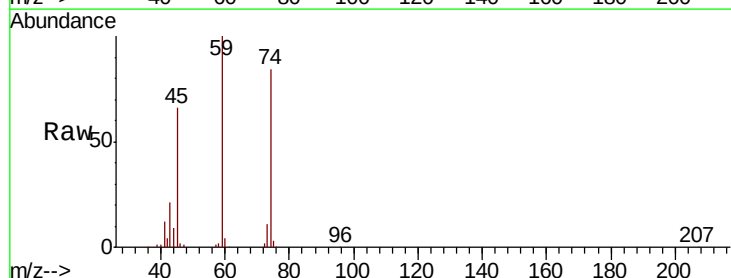
Tot Ion:101 Resp: 101469
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

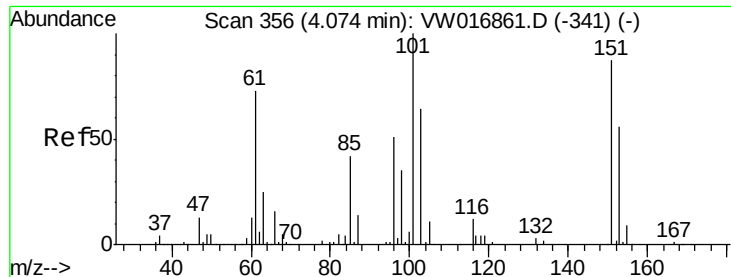


#8

Diethyl Ether
Concen: 54.117 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 74 Resp: 77537
Ion Ratio Lower Upper
74 100
45 81.5 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.040 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

BFB

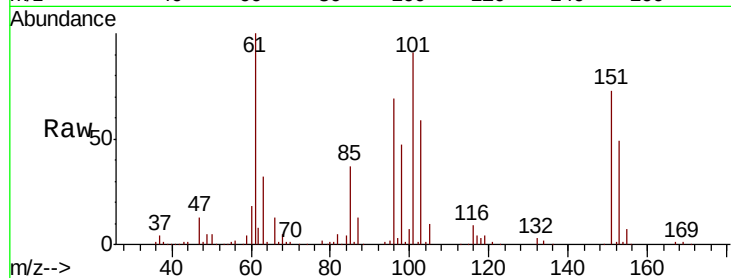
Tot Ion:101 Resp: 160742

Ion Ratio Lower Upper

101 100

85 41.2 33.2 49.8

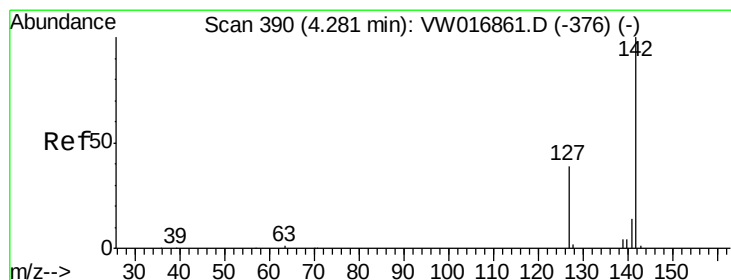
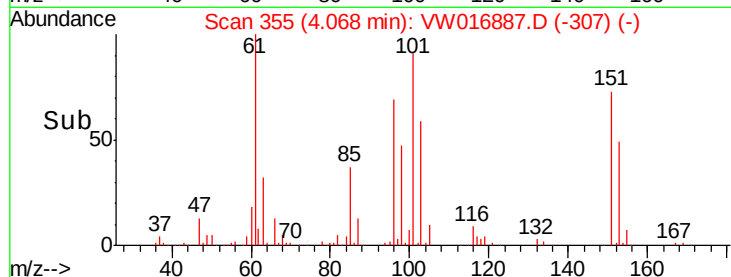
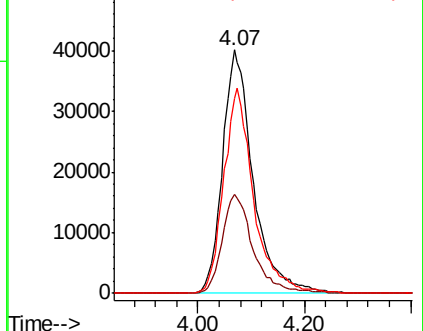
151 82.8 66.6 100.0



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: 51.771 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

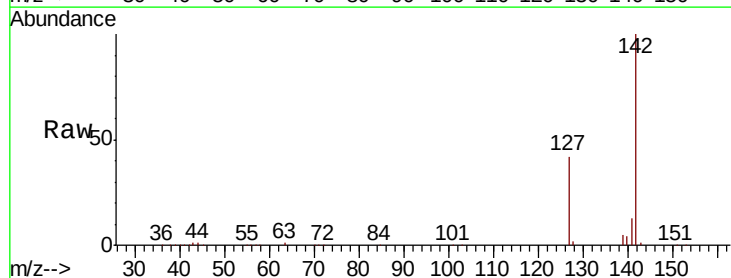
Tgt Ion:142 Resp: 255647

Ion Ratio Lower Upper

142 100

127 41.3 32.4 48.6

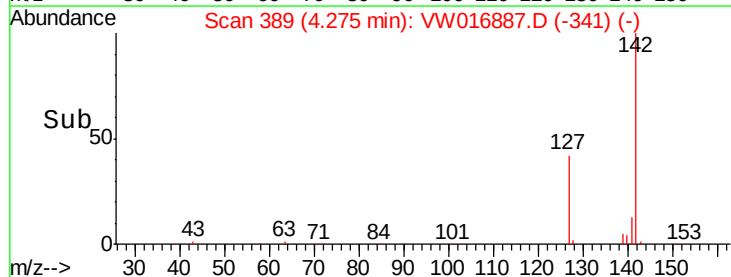
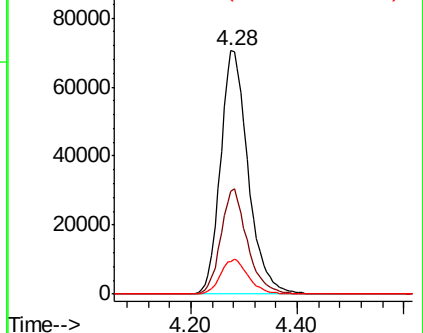
141 14.5 11.4 17.0

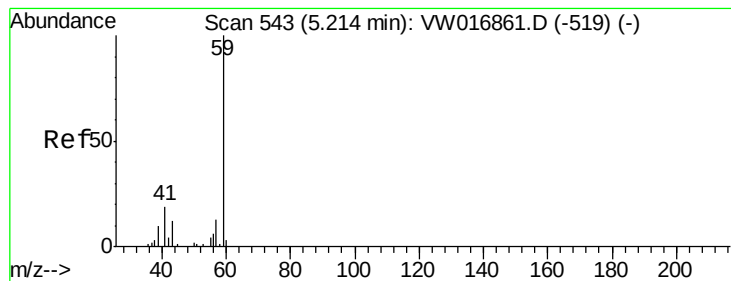


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



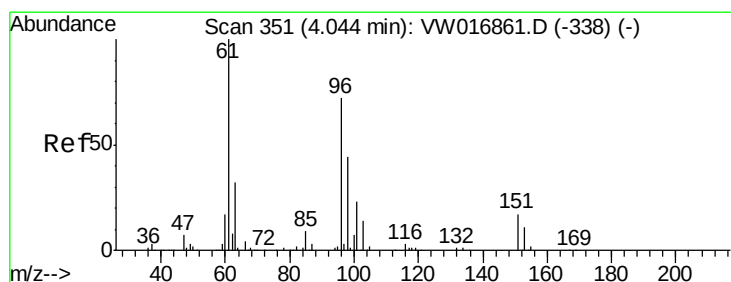
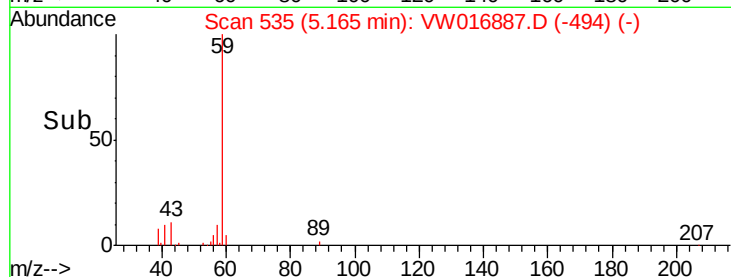
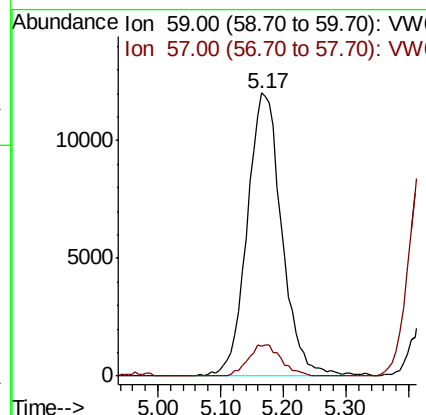
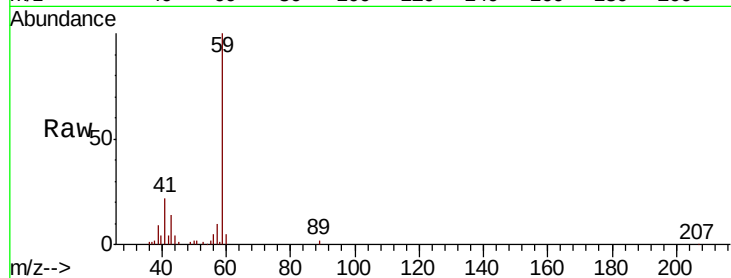


#11

Tert butyl alcohol
Concen: 316.313 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.05 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Instrument :
MSVOA_W
ClientSampled :
BFB

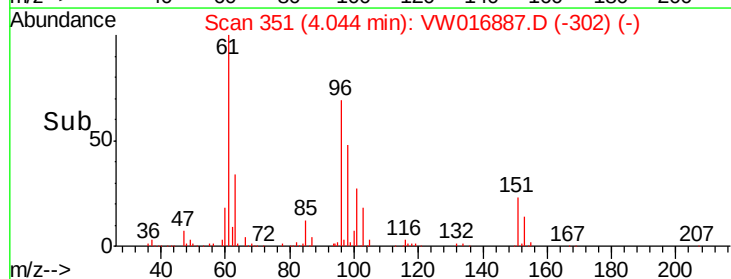
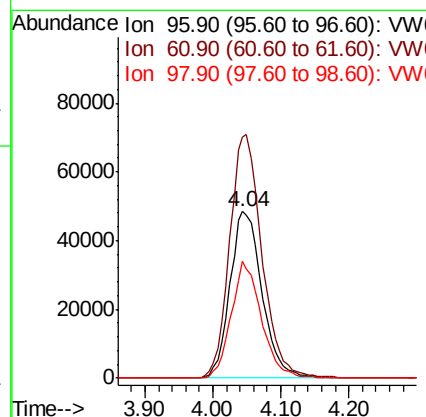
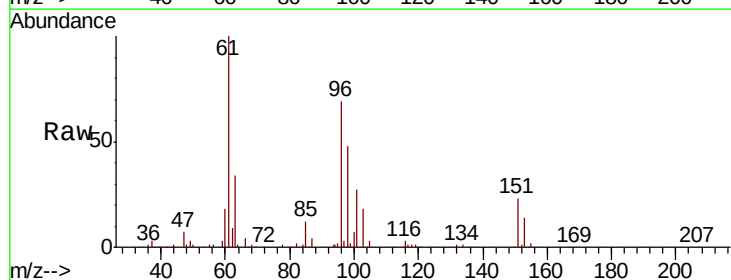
Tot Ion: 59 Resp: 45811
Ion Ratio Lower Upper
59 100
57 10.5 4.7 7.1#

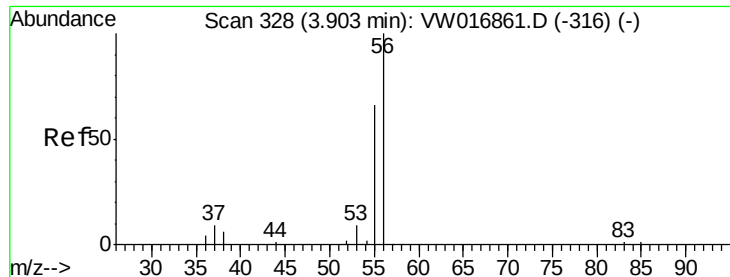


#12

1,1-Dichloroethene
Concen: 52.107 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 96 Resp: 158866
Ion Ratio Lower Upper
96 100
61 145.3 111.7 167.5
98 70.0 49.0 73.4





#13

Acrolein

Concen: 250.847 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

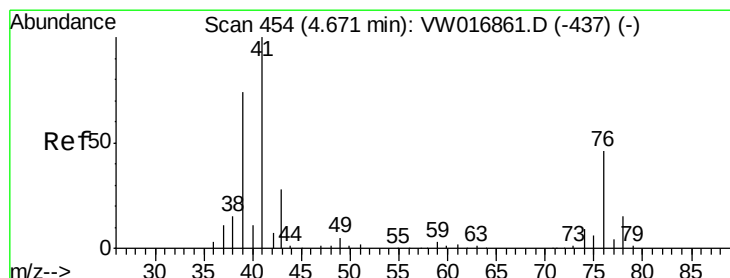
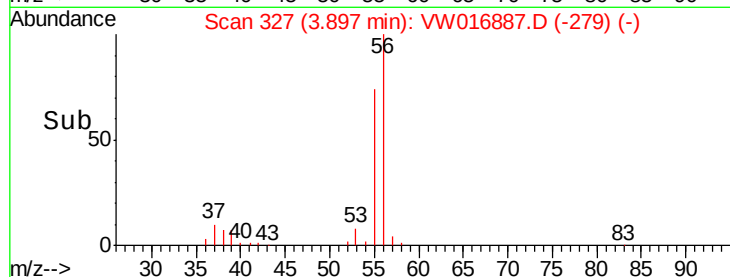
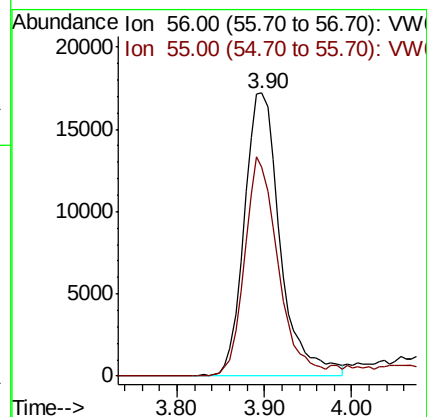
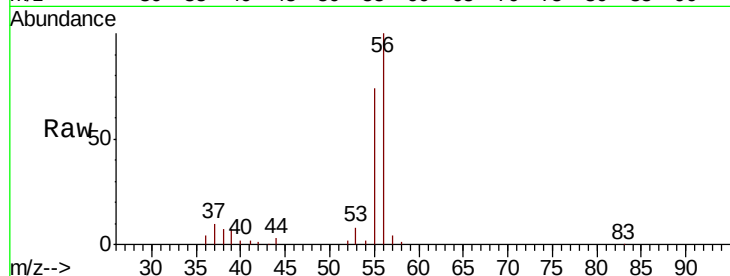
BFB

Tot Ion: 56 Resp: 49115

Ion Ratio Lower Upper

56 100

55 72.1 55.9 83.9



#14

Allyl chloride

Concen: 52.097 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

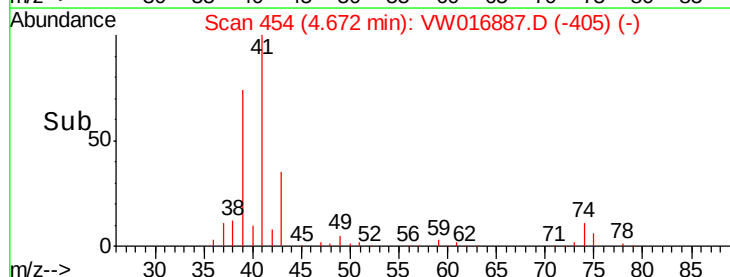
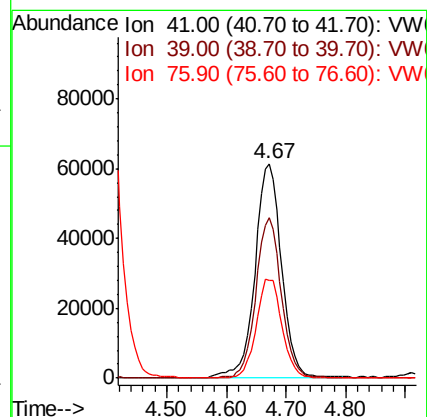
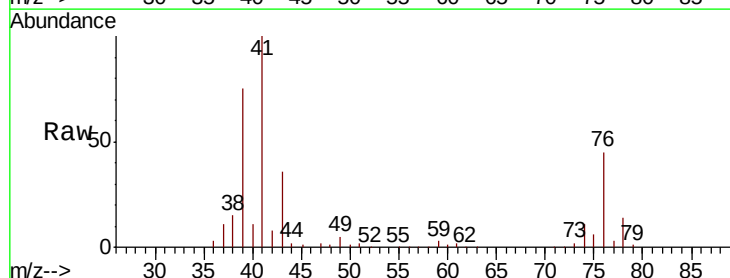
Tgt Ion: 41 Resp: 190131

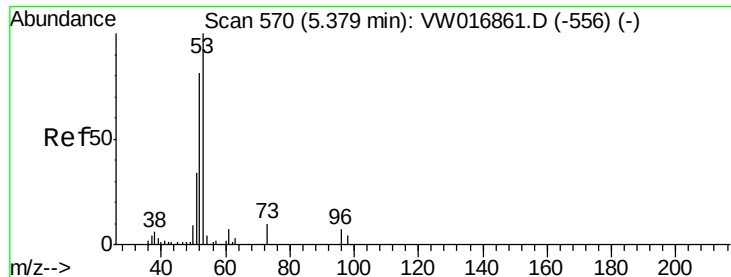
Ion Ratio Lower Upper

41 100

39 72.0 57.8 86.8

76 44.1 35.1 52.7





#15

Acrylonitrile

Concen: 297.409 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

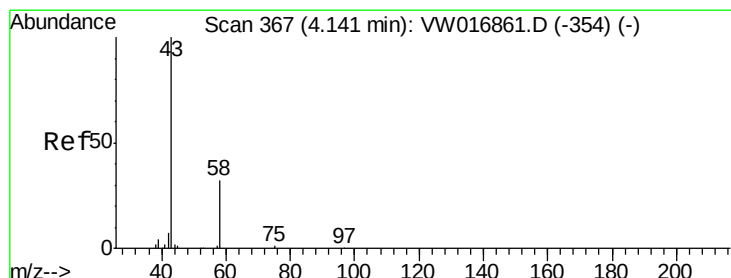
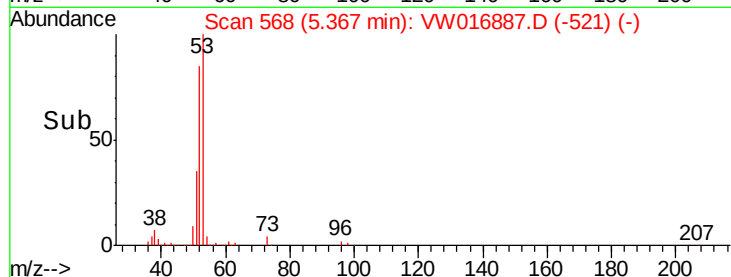
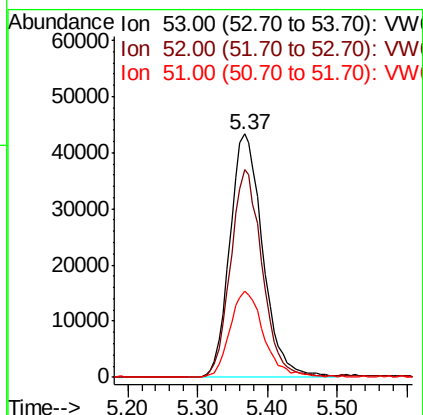
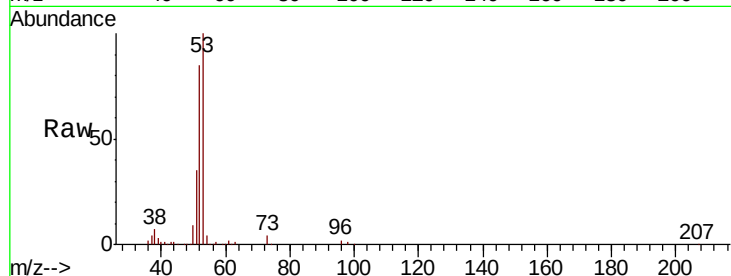
Tot Ion: 53 Resp: 141842

Ion Ratio Lower Upper

53 100

52 82.2 65.0 97.4

51 36.3 29.1 43.7



#16

Acetone

Concen: 266.076 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016887.D

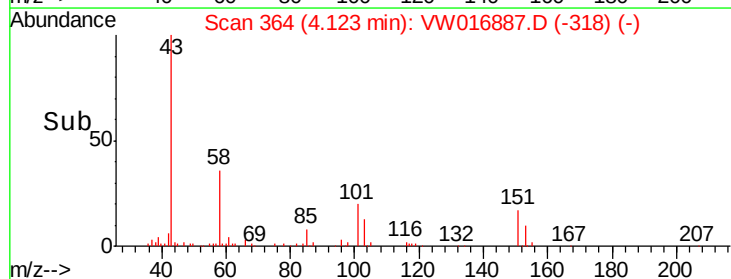
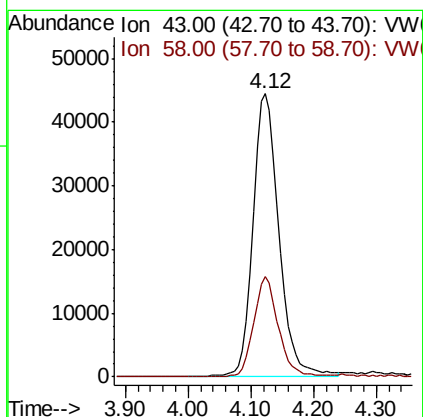
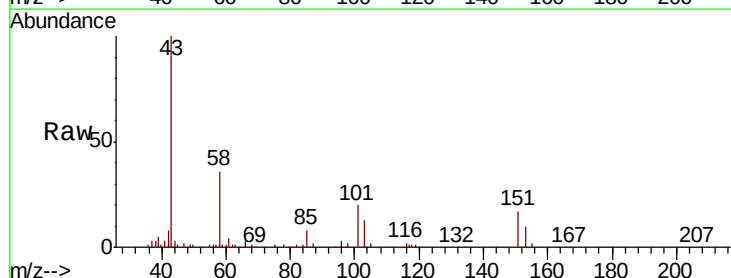
Acq: 12 Oct 2020 17:24

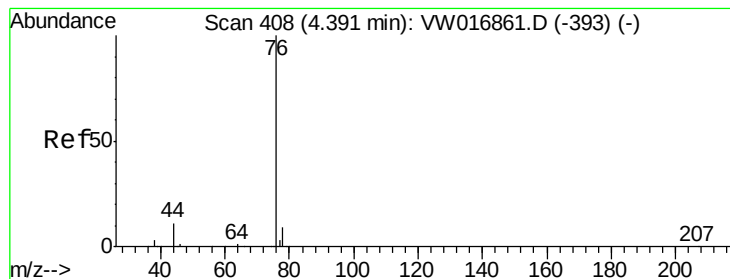
Tgt Ion: 43 Resp: 127708

Ion Ratio Lower Upper

43 100

58 35.6 25.7 38.5





#17

Carbon Disulfide

Concen: 52.423 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

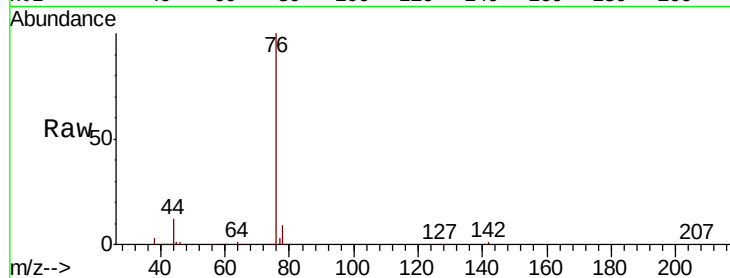
BFB

Tot Ion: 76 Resp: 425242

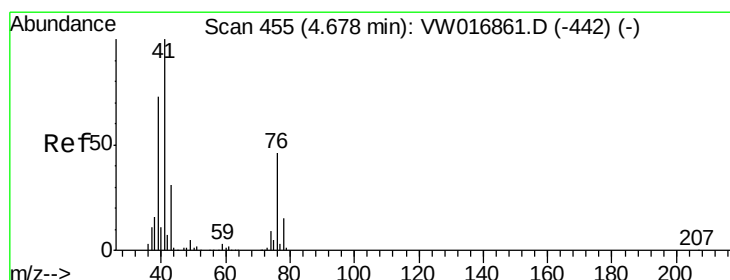
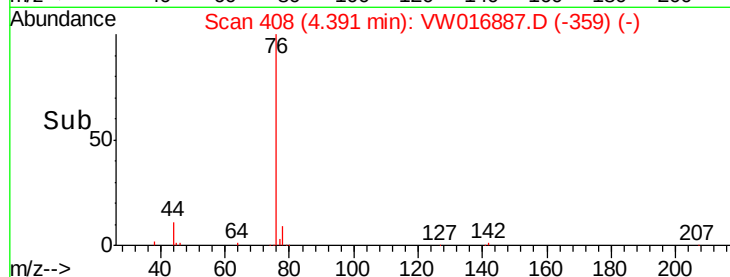
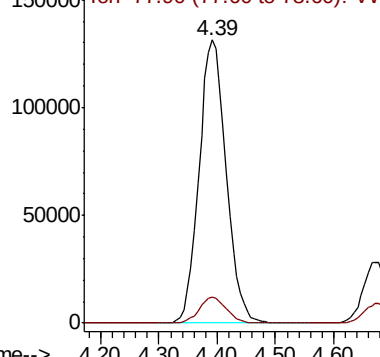
Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 58.839 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW016887.D

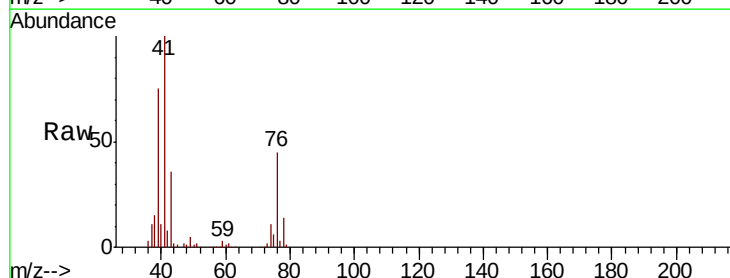
Acq: 12 Oct 2020 17:24

Tgt Ion: 43 Resp: 64774

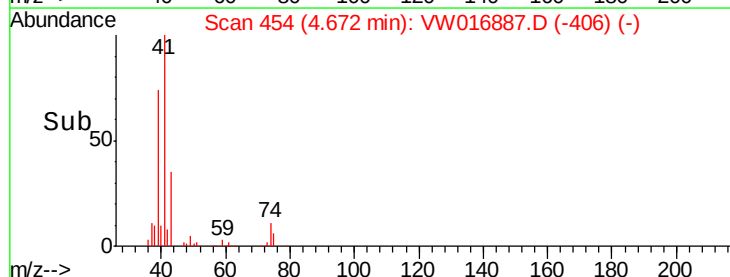
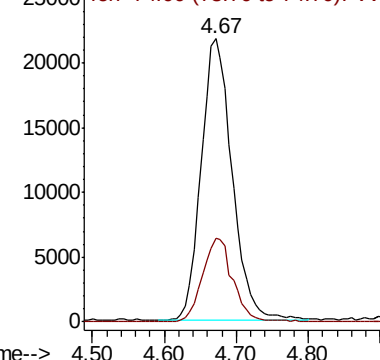
Ion Ratio Lower Upper

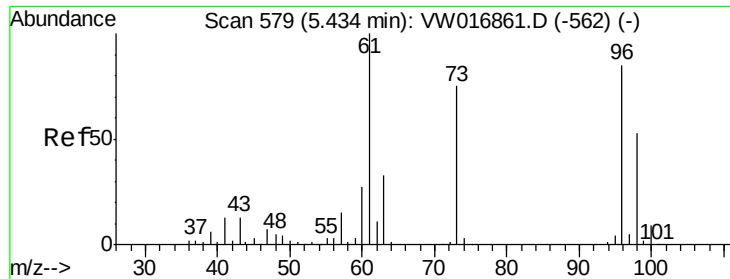
43 100

74 29.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

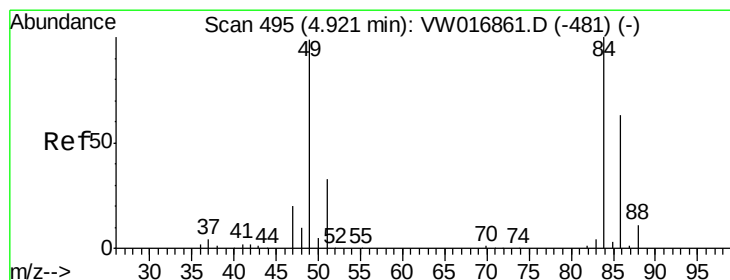
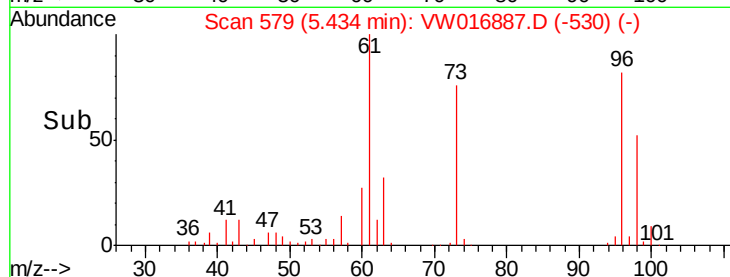
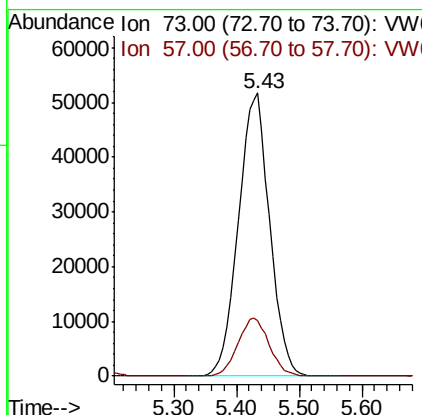
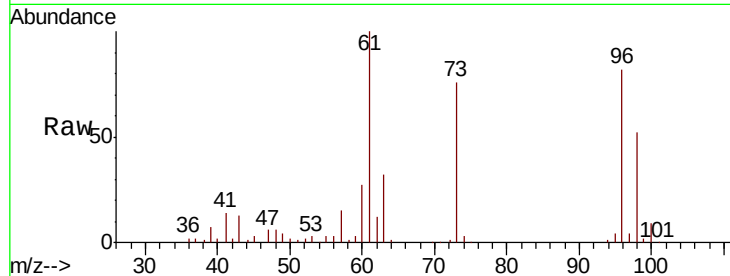




#19
Methyl tert-butyl Ether
Concen: 54.064 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

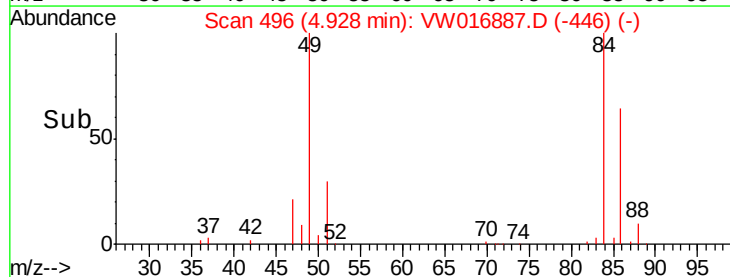
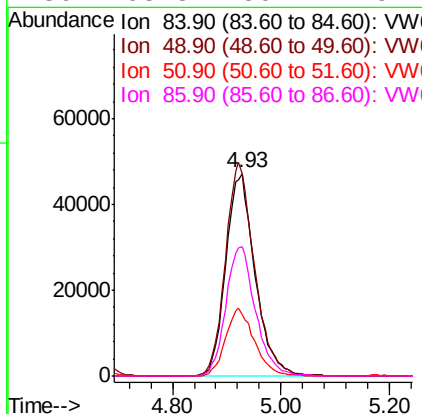
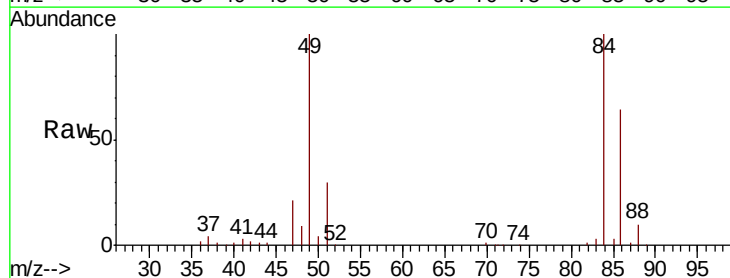
Instrument :
MSVOA_W
ClientSampleId :
BFB

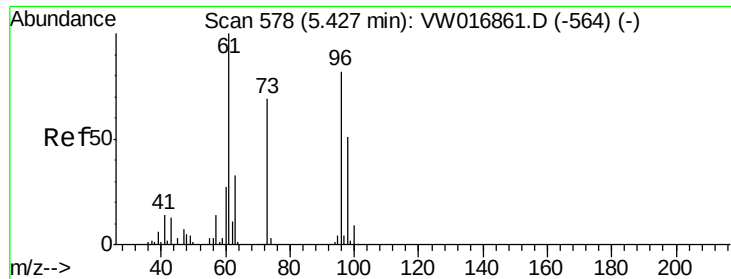
Tot Ion: 73 Resp: 177657
Ion Ratio Lower Upper
73 100
57 19.5 16.1 24.1



#20
Methylene Chloride
Concen: 56.456 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 84 Resp: 176893
Ion Ratio Lower Upper
84 100
49 100.1 79.0 118.6
51 30.3 26.1 39.1
86 63.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 52.079 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

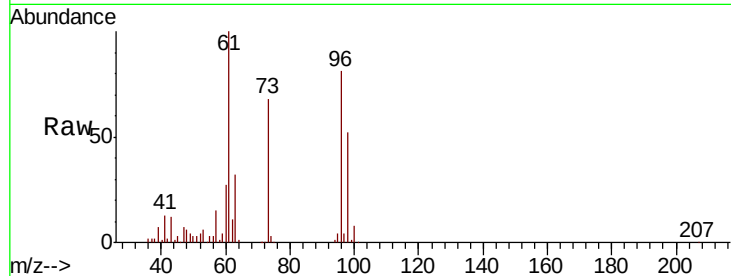
Tot Ion: 96 Resp: 178252

Ion Ratio Lower Upper

96 100

61 123.5 97.4 146.0

98 64.0 49.4 74.0

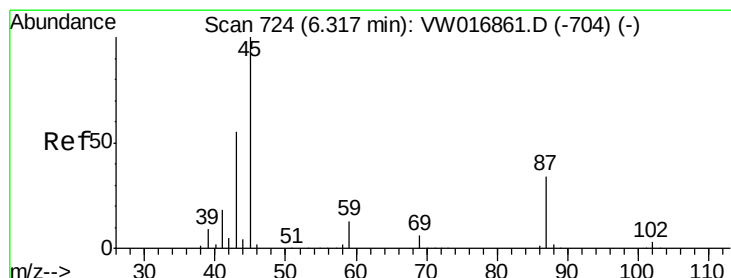
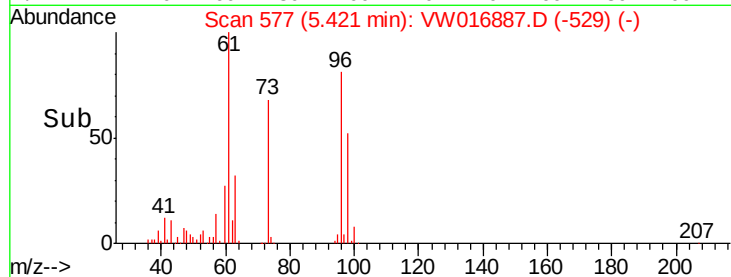
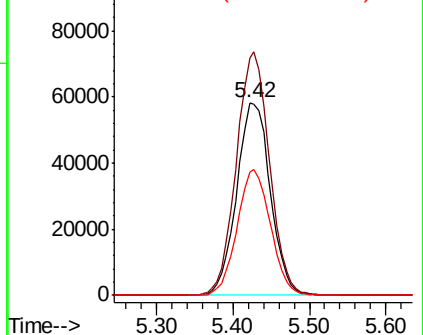


Abundance

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: 53.785 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Tgt Ion: 45 Resp: 356751

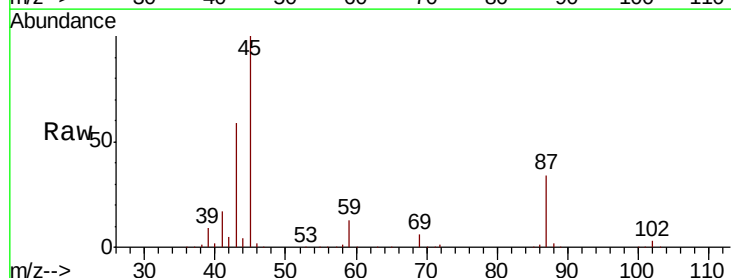
Ion Ratio Lower Upper

45 100

43 58.5 43.8 65.8

87 34.4 27.6 41.4

59 12.6 10.8 16.2



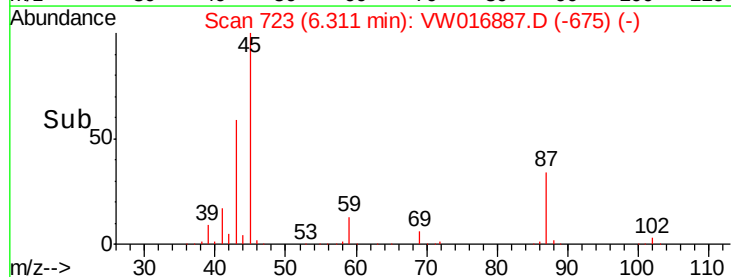
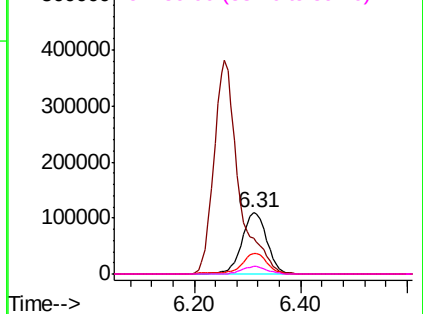
Abundance

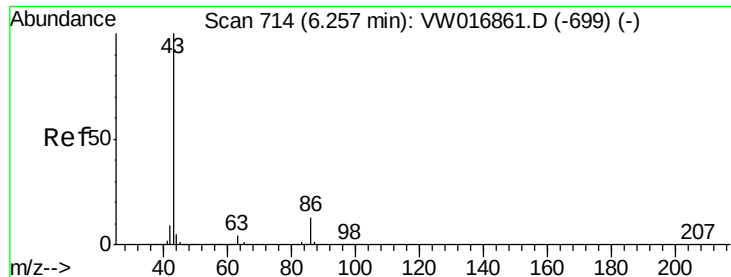
Ion 45.00 (44.70 to 45.70): VW

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: 288.081 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

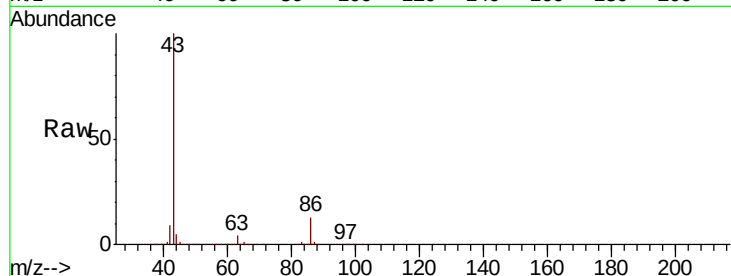
BFB

Tot Ion: 43 Resp: 1224403

Ion Ratio Lower Upper

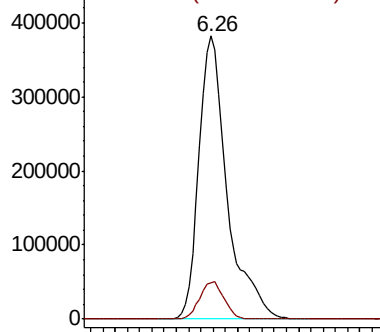
43 100

86 13.0 10.2 15.4

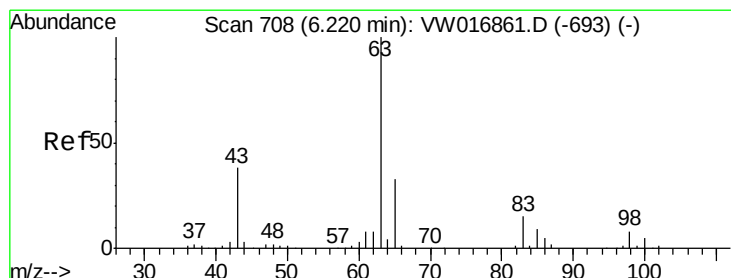
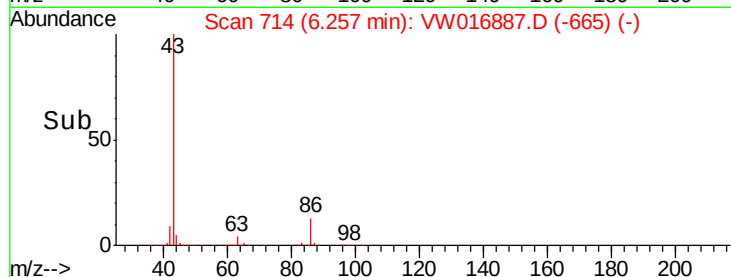


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 53.283 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

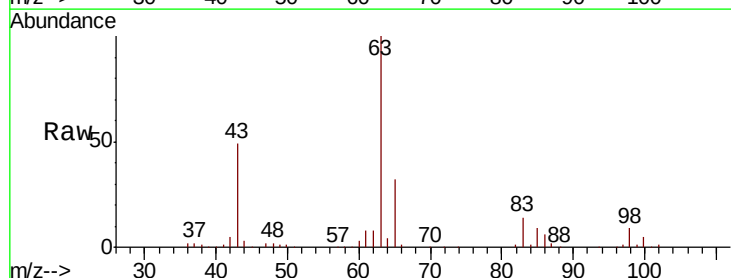
Tgt Ion: 63 Resp: 280249

Ion Ratio Lower Upper

63 100

98 8.5 4.2 12.6

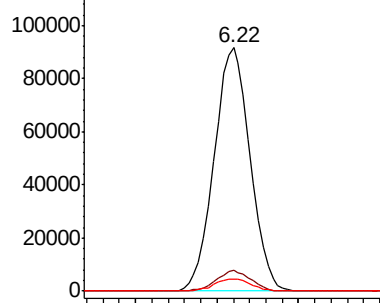
100 5.0 2.6 7.8



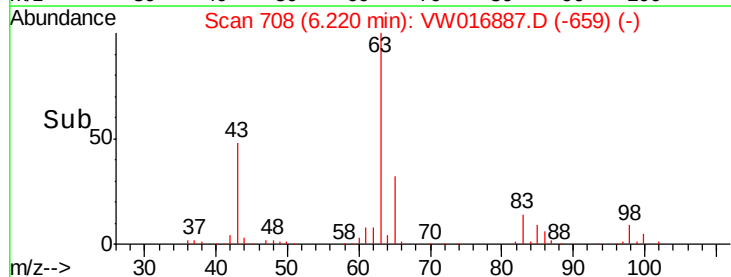
Abundance Ion 62.90 (62.60 to 63.60): VW

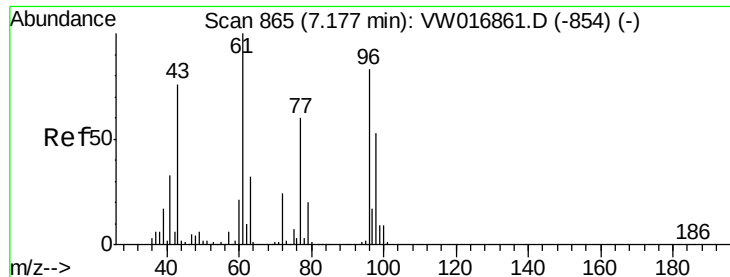
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 304.710 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

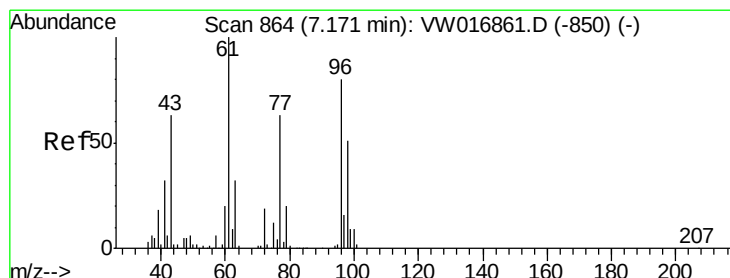
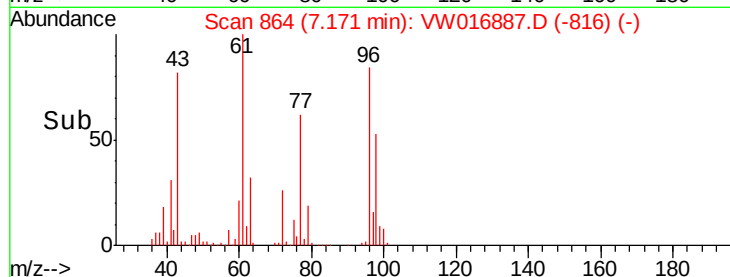
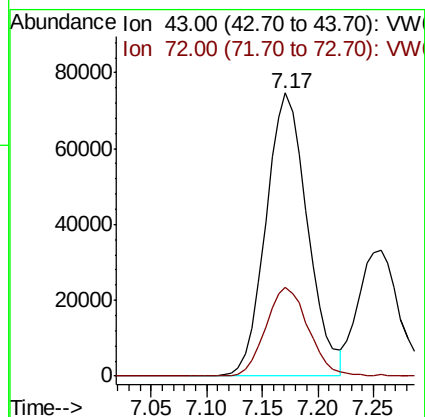
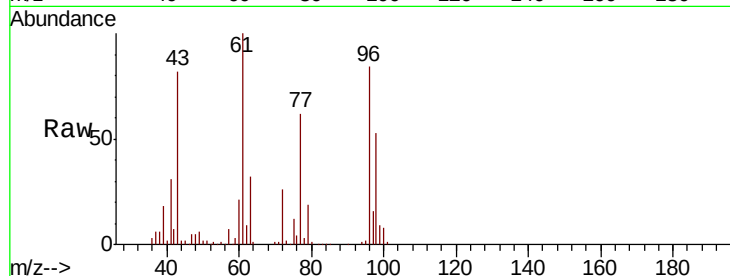
BFB

Tot Ion: 43 Resp: 194976

Ion Ratio Lower Upper

43 100

72 31.3 25.4 38.2



#26

2,2-Dichloropropane

Concen: 50.661 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016887.D

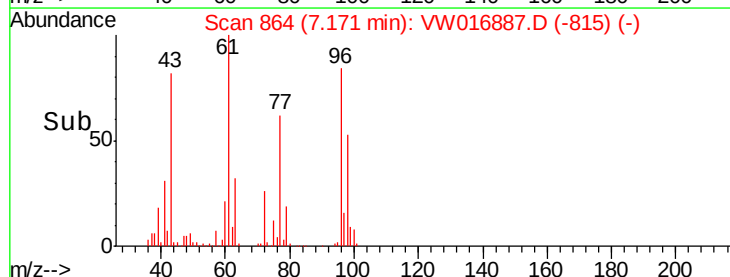
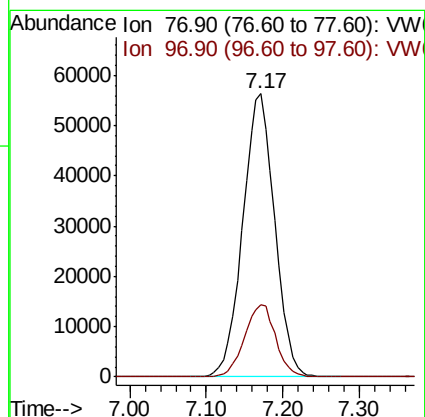
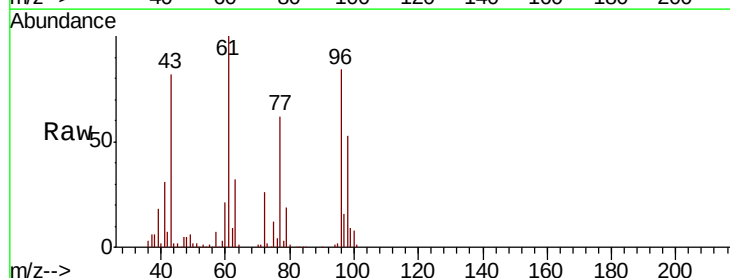
Acq: 12 Oct 2020 17:24

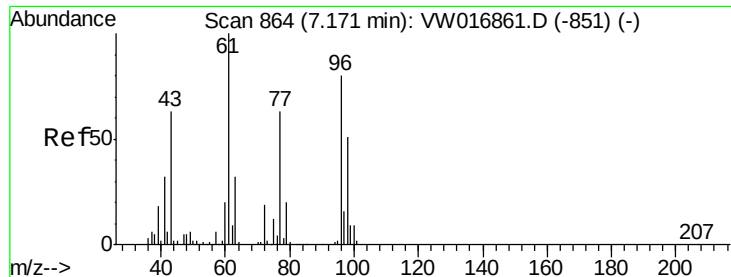
Tgt Ion: 77 Resp: 163022

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.4



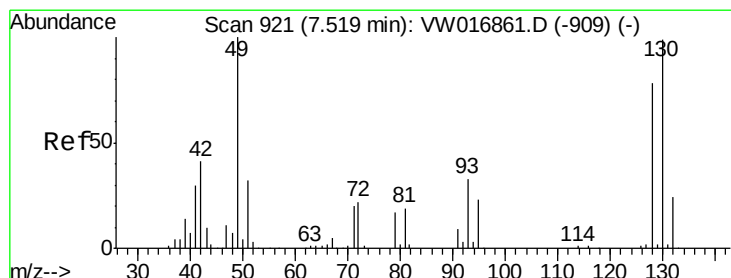
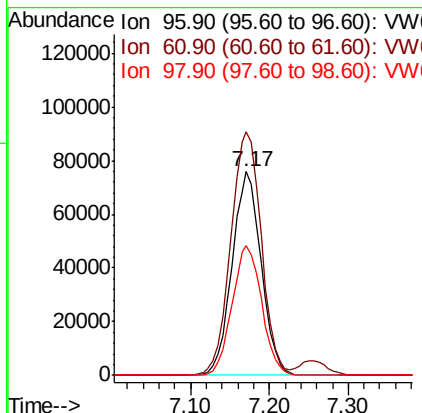
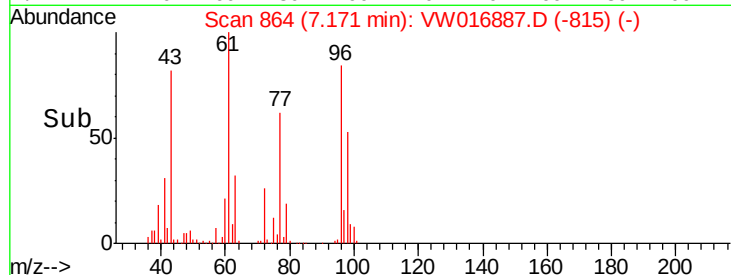
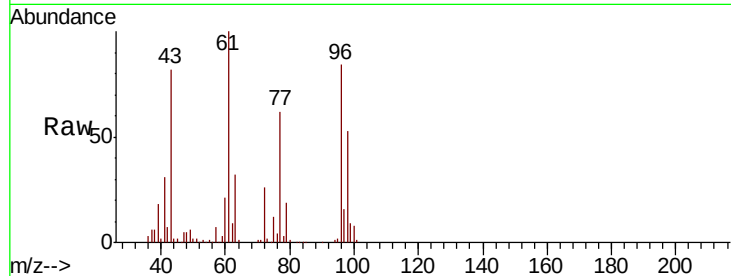


#27

cis-1,2-Dichloroethene
 Concen: 52.978 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

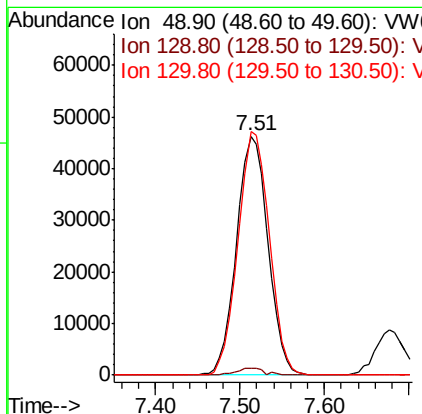
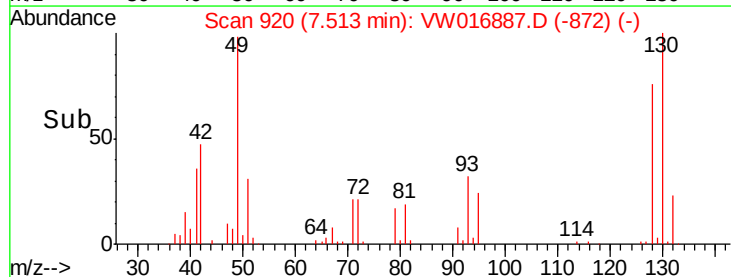
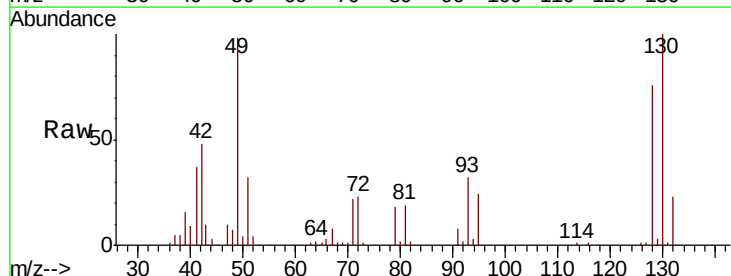
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	249.6
98	64.9	0.0	129.4

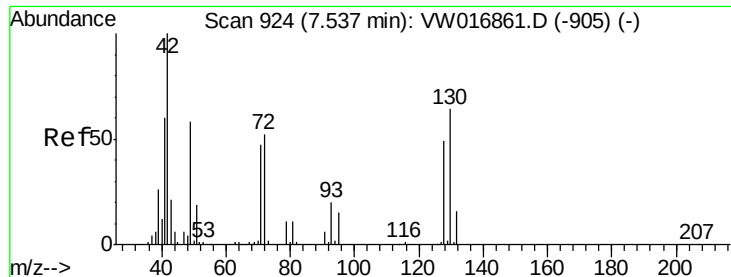


#28

Bromochloromethane
 Concen: 55.509 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	101.4	81.3	121.9

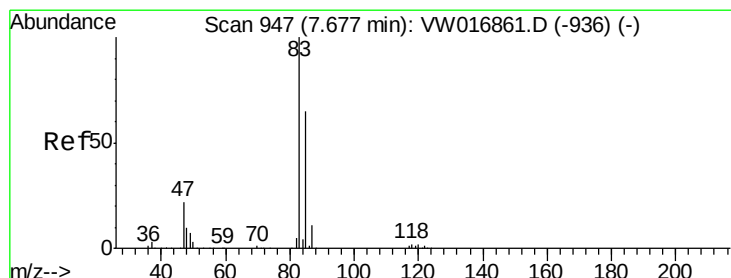
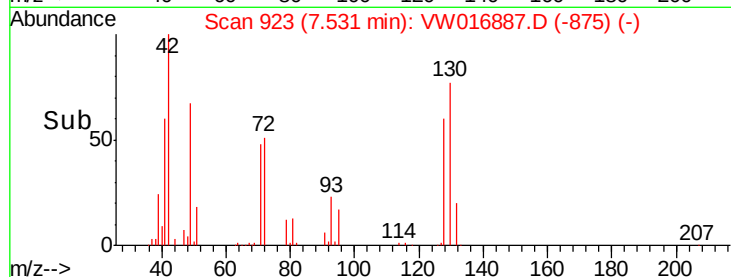
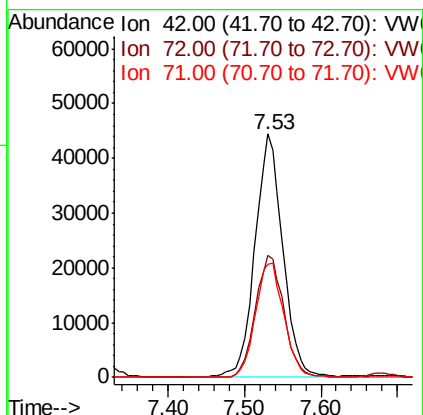
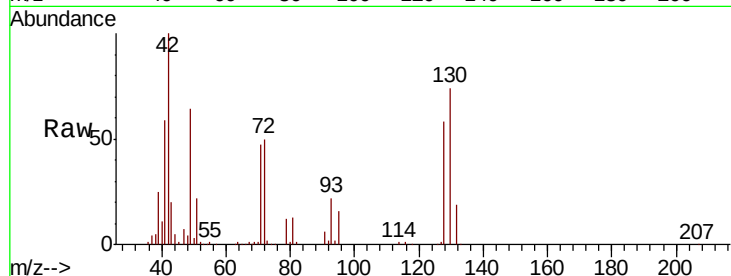




#29
Tetrahydrofuran
Concen: 315.663 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

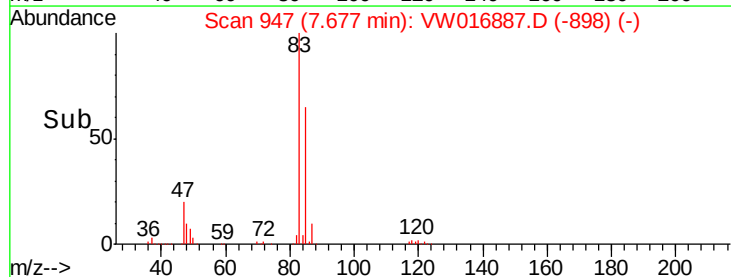
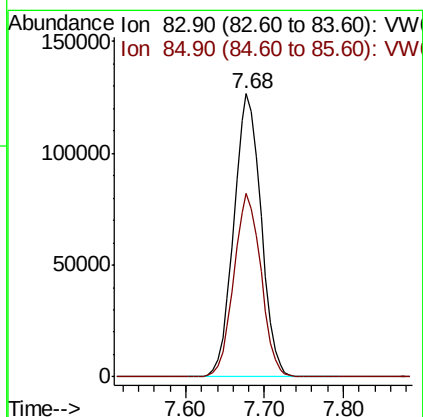
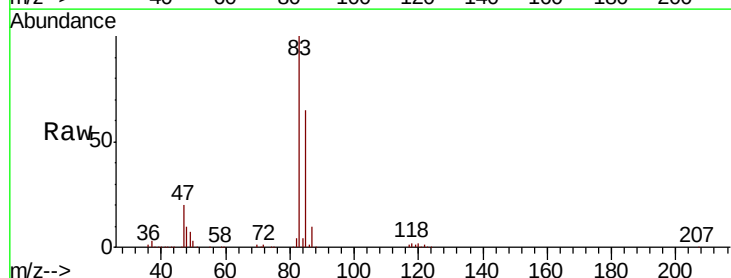
Instrument :
MSVOA_W
ClientSampleId :
BFB

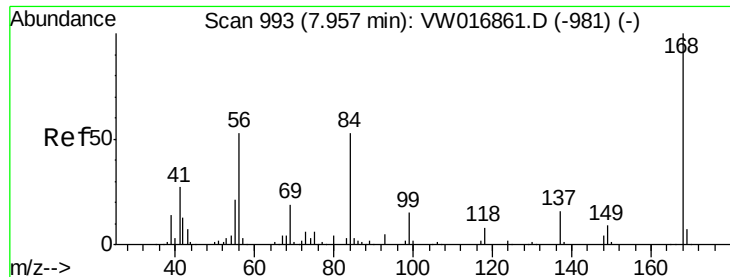
Tot Ion: 42 Resp: 113137
Ion Ratio Lower Upper
42 100
72 50.9 42.0 63.0
71 48.3 39.0 58.6



#30
Chloroform
Concen: 53.215 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 83 Resp: 304274
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5

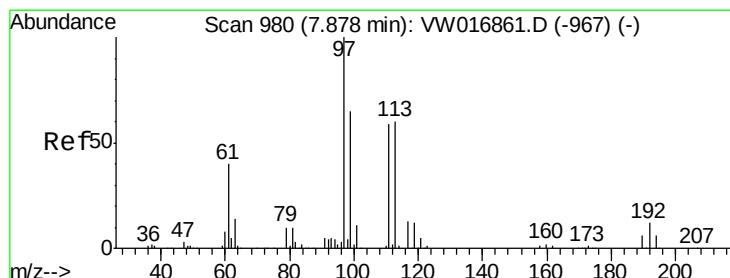
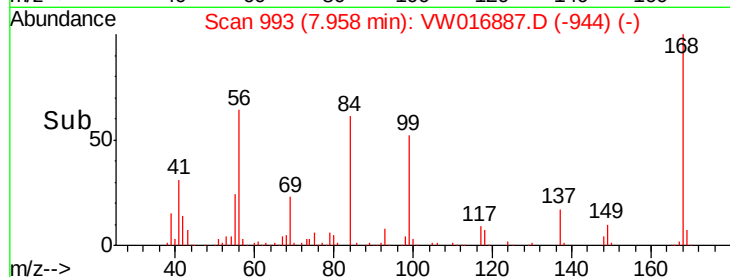
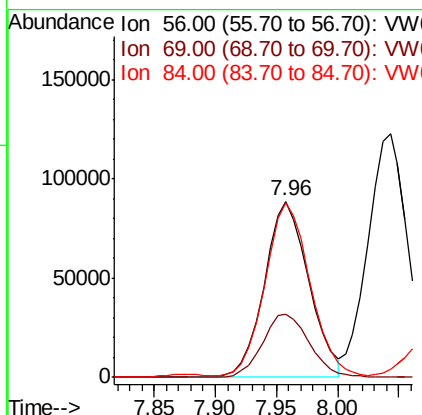
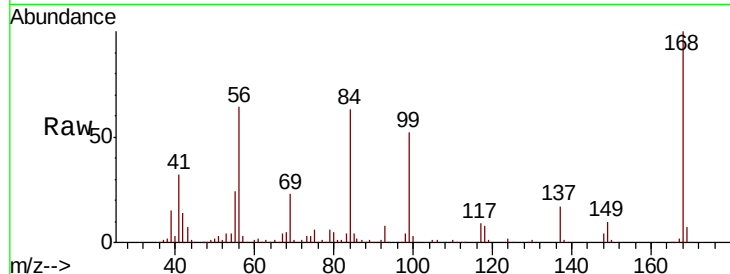




#31
Cyclohexane
Concen: 49.894 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

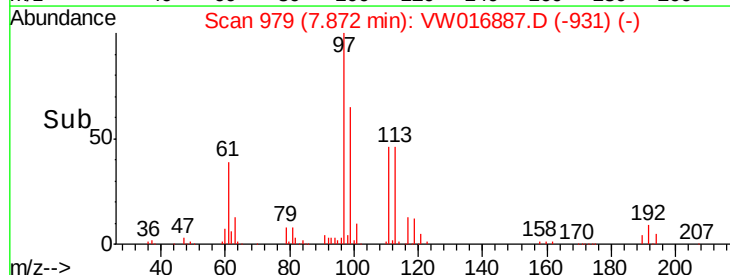
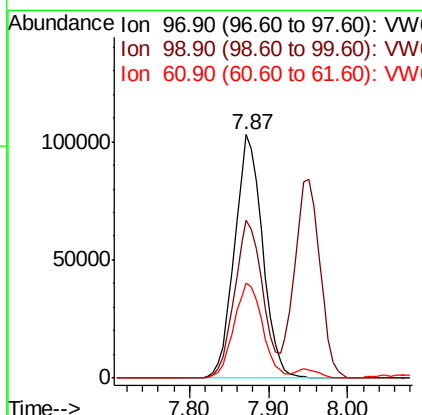
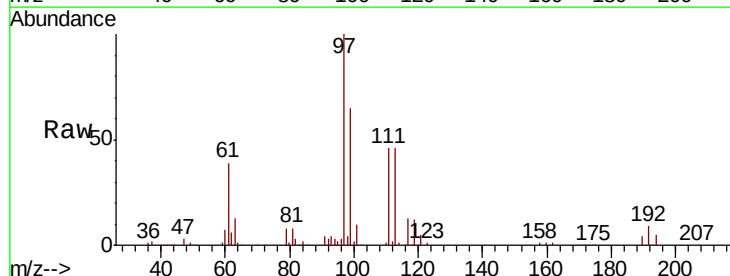
Instrument :
MSVOA_W
ClientSampleId :
BFB

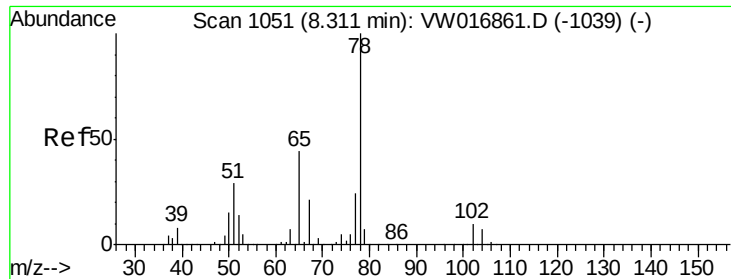
Tot Ion: 56 Resp: 223836
Ion Ratio Lower Upper
56 100
69 35.9 29.3 43.9
84 97.7 80.5 120.7



#32
1,1,1-Trichloroethane
Concen: 52.618 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 97 Resp: 253773
Ion Ratio Lower Upper
97 100
99 66.0 52.4 78.6
61 40.3 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 53.714 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

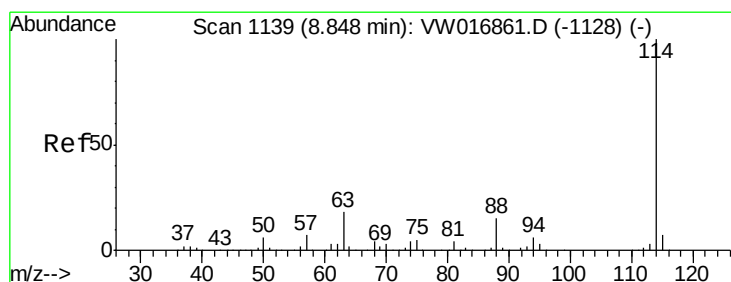
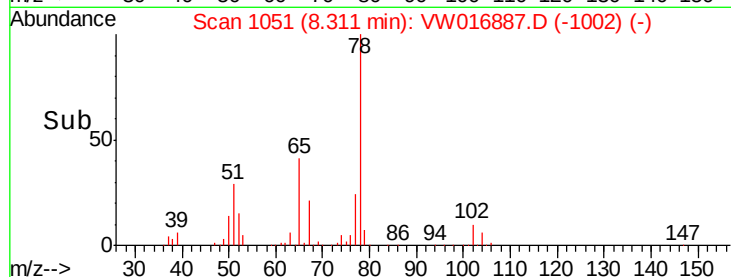
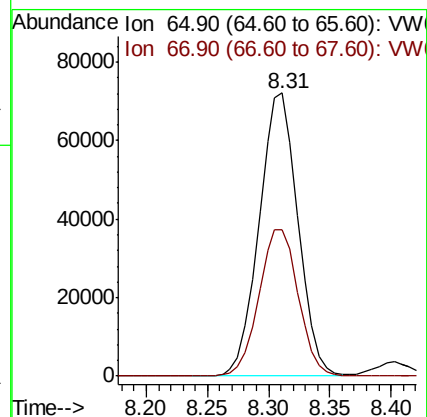
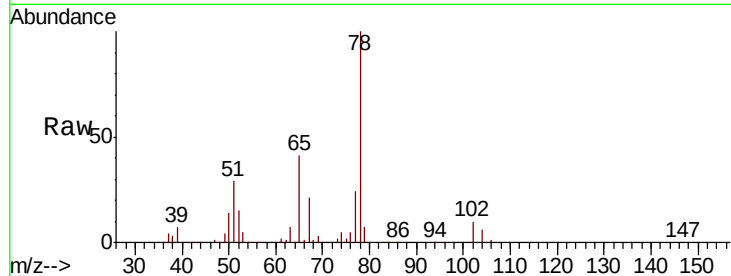
BFB

Tot Ion: 65 Resp: 159181

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

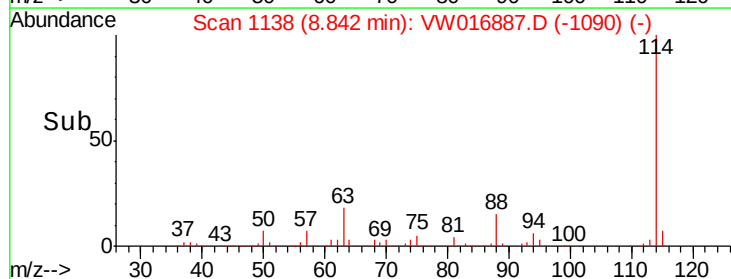
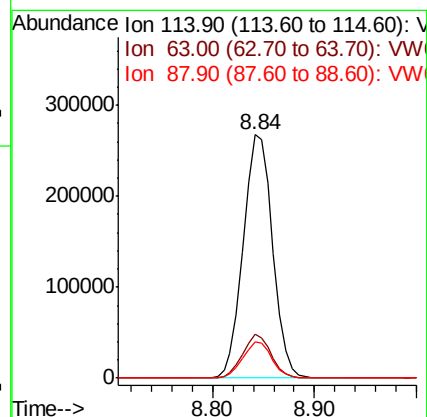
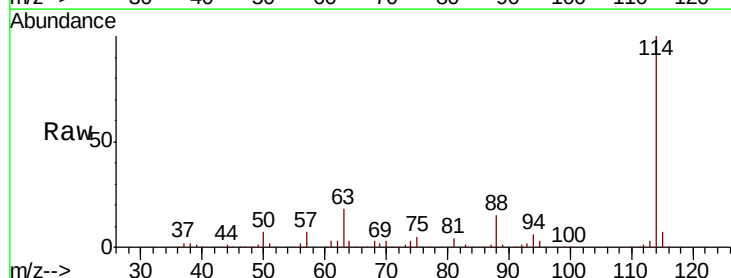
Tgt Ion: 114 Resp: 534685

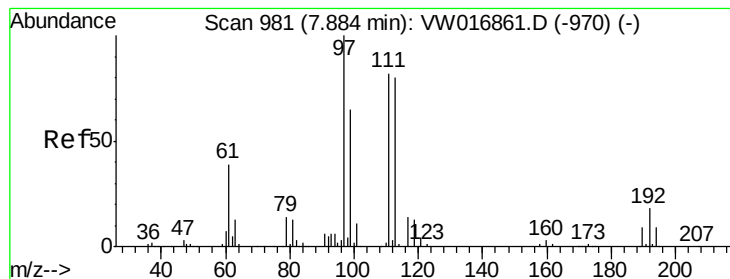
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.596 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

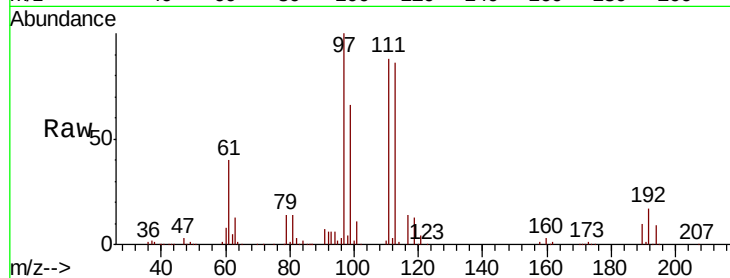
Tot Ion:113 Resp: 172369

Ion Ratio Lower Upper

113 100

111 100.5 81.4 122.2

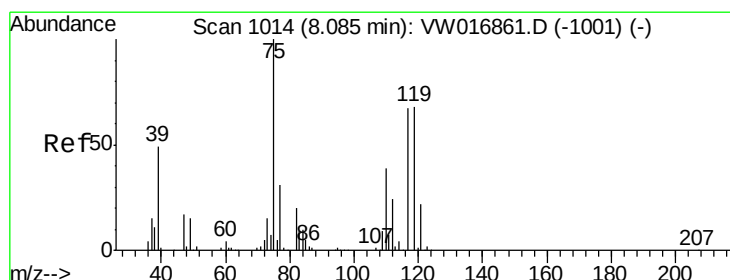
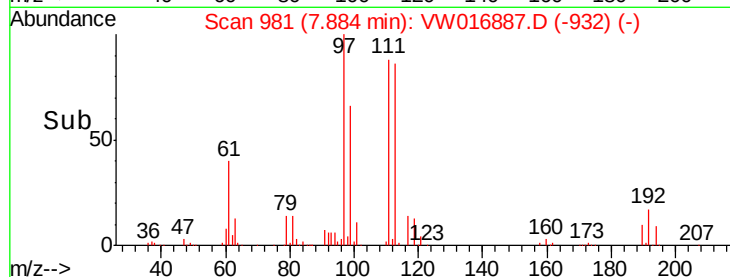
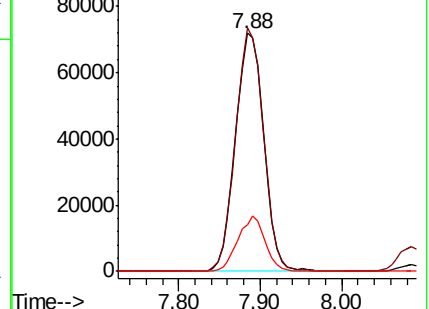
192 22.2 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.725 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

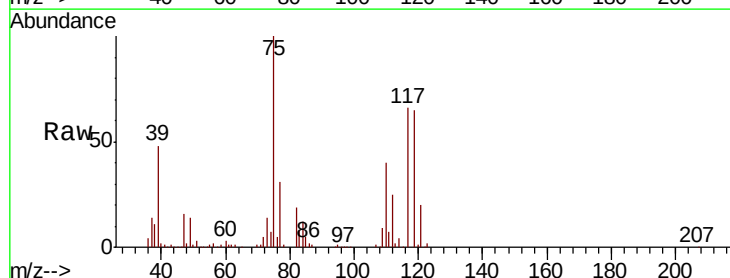
Tgt Ion: 75 Resp: 239067

Ion Ratio Lower Upper

75 100

110 38.7 19.3 57.9

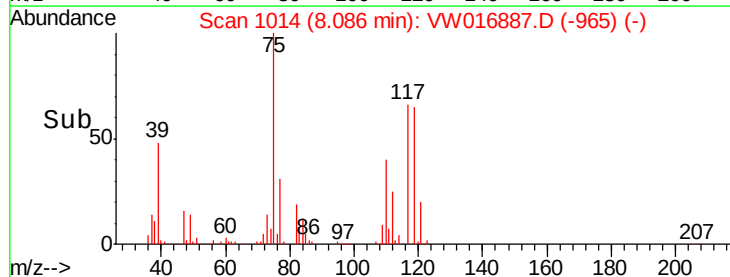
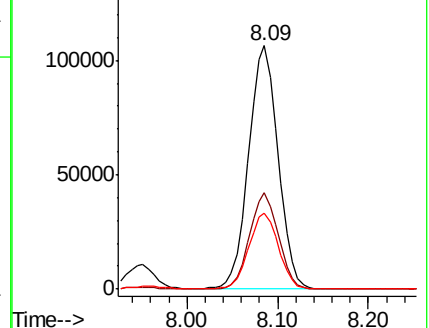
77 31.6 25.0 37.6

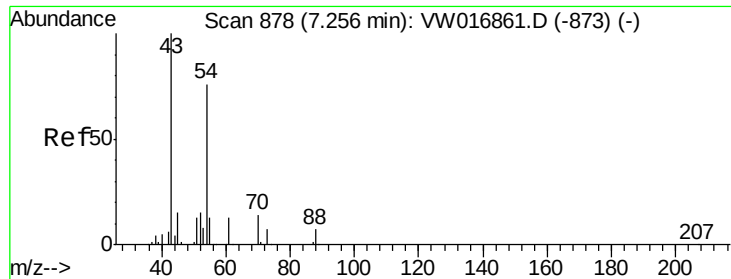


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

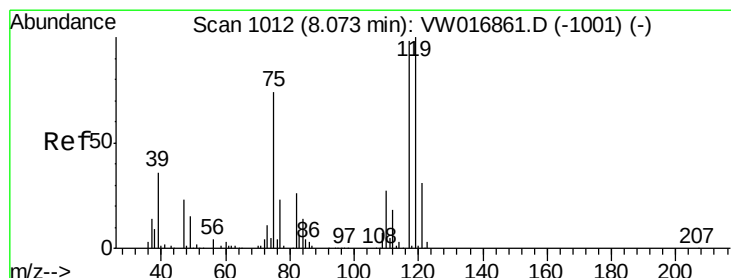
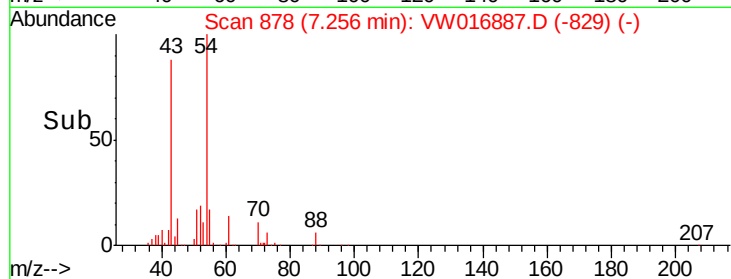
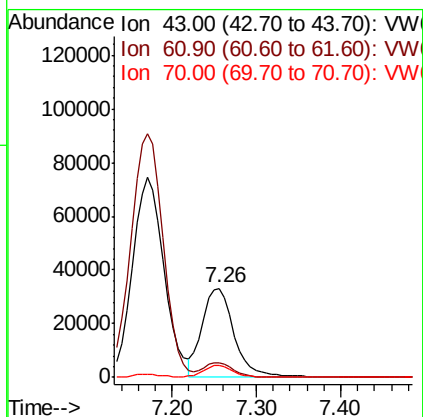
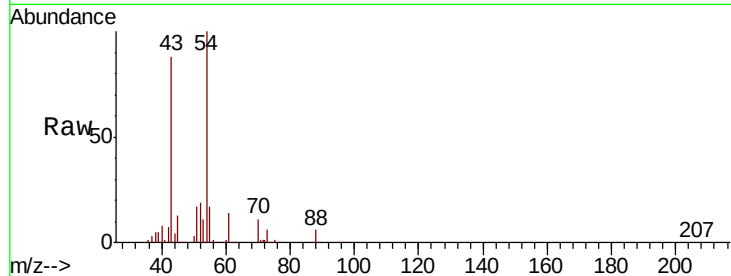




#37
Ethyl Acetate
Concen: 57.989 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

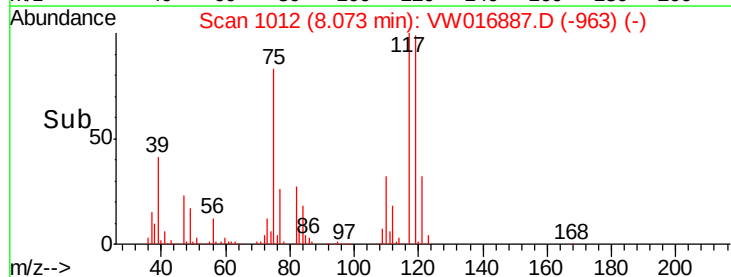
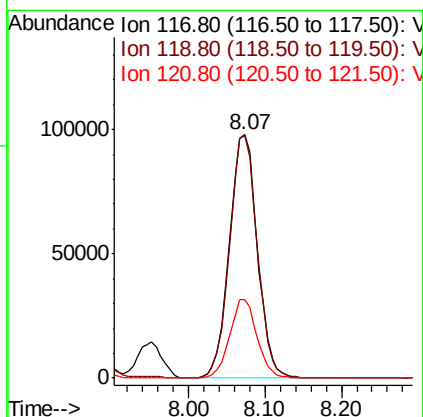
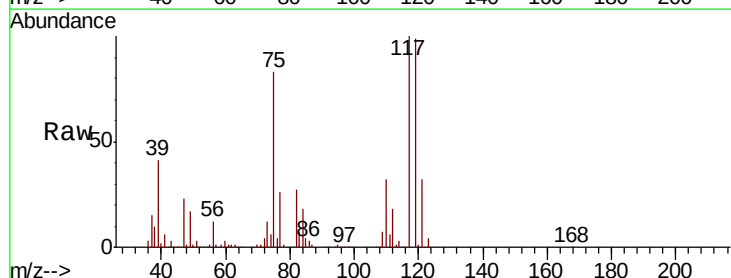
Instrument :
MSVOA_W
ClientSampled :
BFB

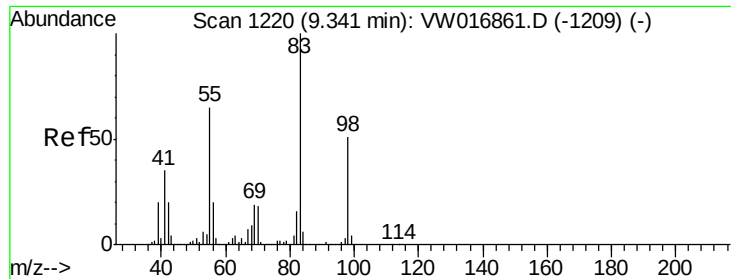
Tot Ion: 43 Resp: 87575
Ion Ratio Lower Upper
43 100
61 15.4 12.0 18.0
70 12.6 9.9 14.9



#38
Carbon Tetrachloride
Concen: 51.569 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 117 Resp: 247840
Ion Ratio Lower Upper
117 100
119 99.4 81.6 122.4
121 32.2 25.7 38.5

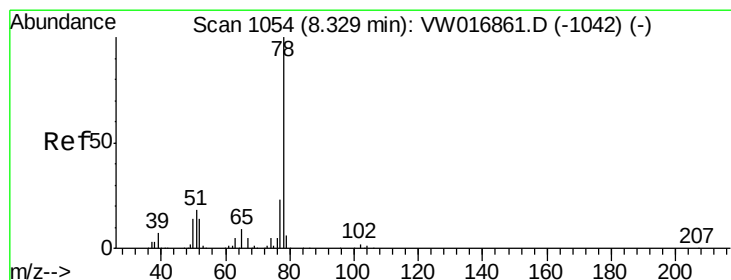
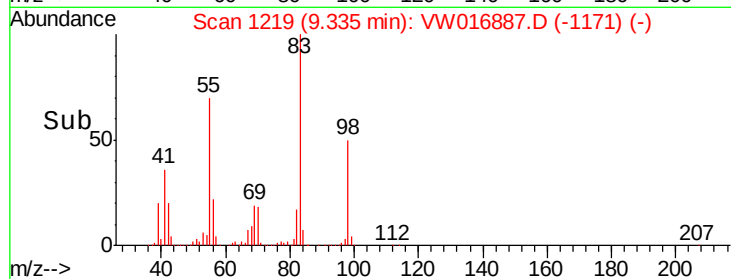
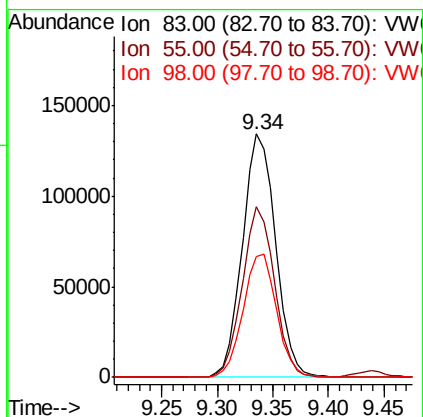
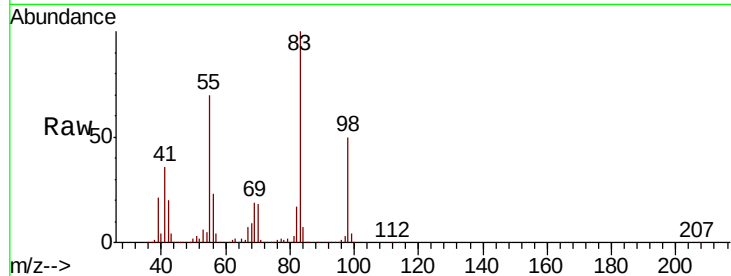




#39
Methylvlcyclohexane
Concen: 52.993 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

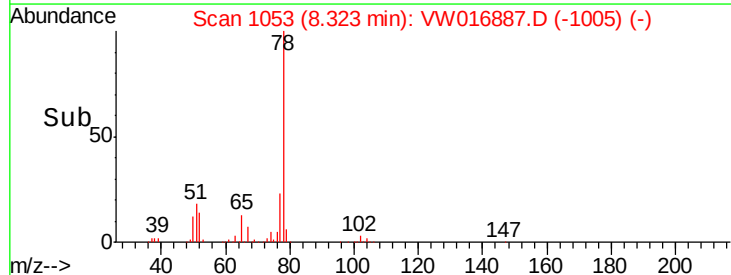
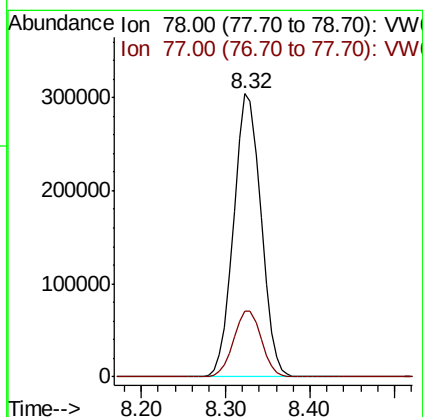
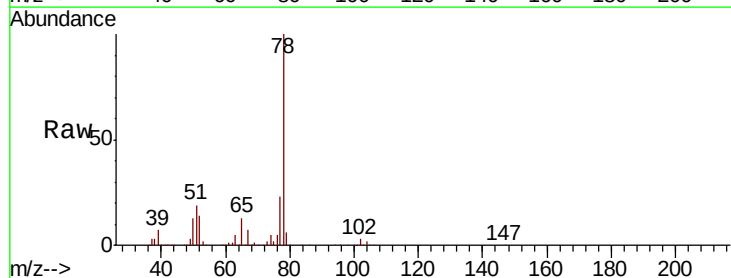
Instrument :
MSVOA_W
ClientSampled :
BFB

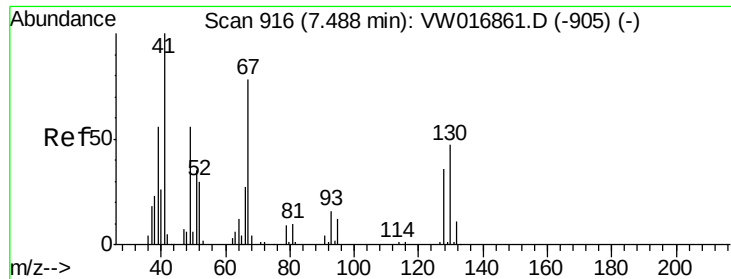
Tot Ion: 83 Resp: 279331
Ion Ratio Lower Upper
83 100
55 69.9 51.7 77.5
98 49.6 41.0 61.4



#40
Benzene
Concen: 51.784 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 78 Resp: 666941
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7

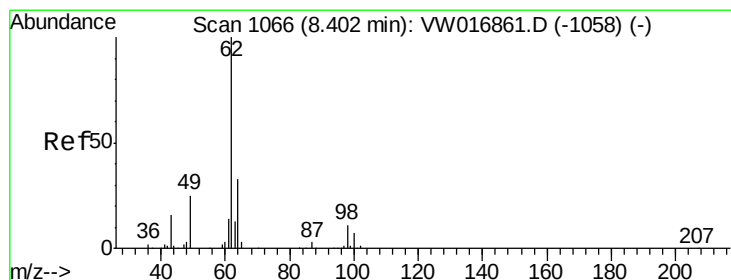
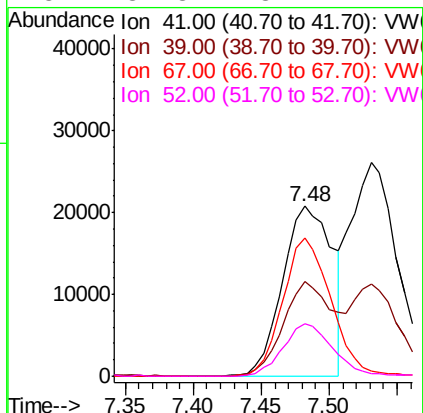
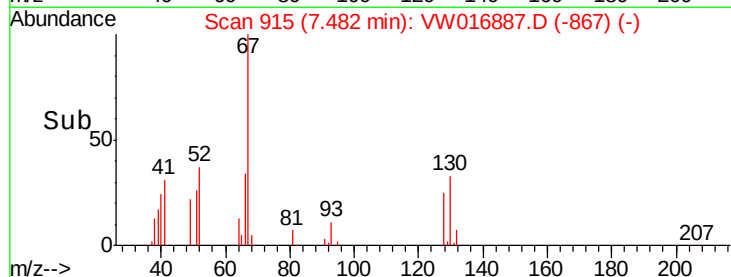
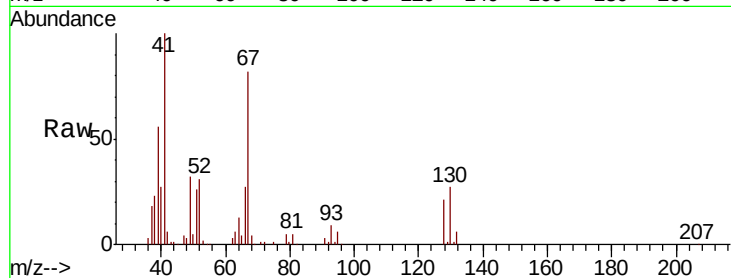




#41
Methacrylonitrile
Concen: 59.278 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

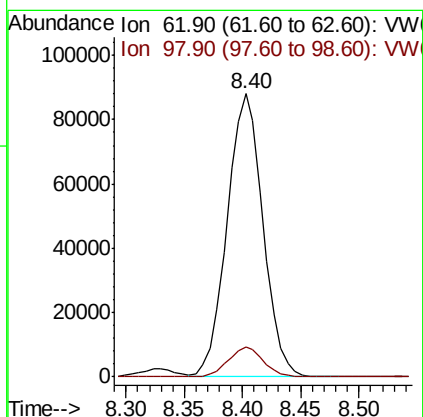
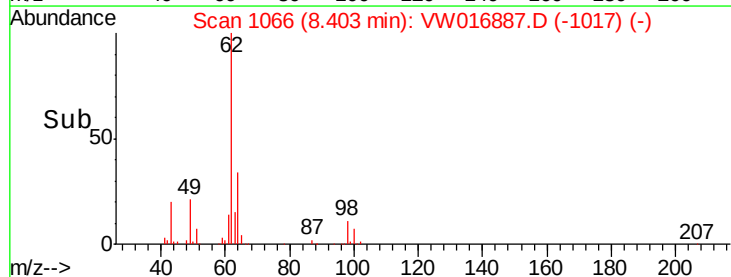
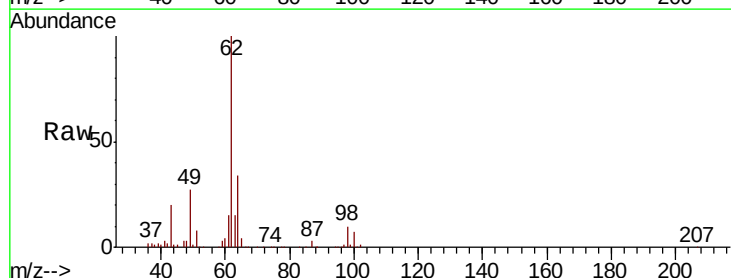
Instrument :
MSVOA_W
ClientSampleId :
BFB

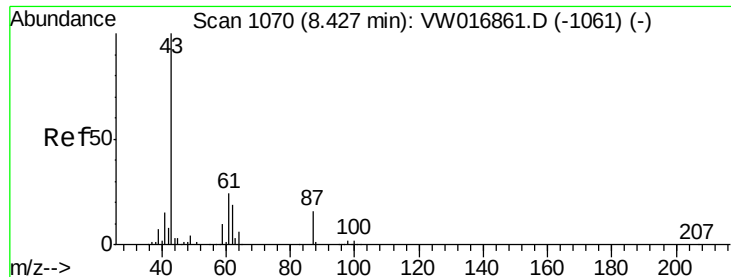
Tot Ion:	41	Resp:	53048
Ion	Ratio	Lower	Upper
41	100		
39	58.7	47.0	70.6
67	78.7	68.6	102.8
52	31.3	28.1	42.1



#42
1,2-Dichloroethane
Concen: 53.211 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion:	62	Resp:	187459
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0





#43

Isopropyl Acetate

Concen: 58.118 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

BFB

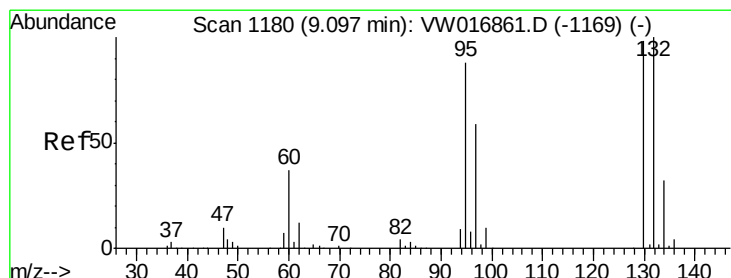
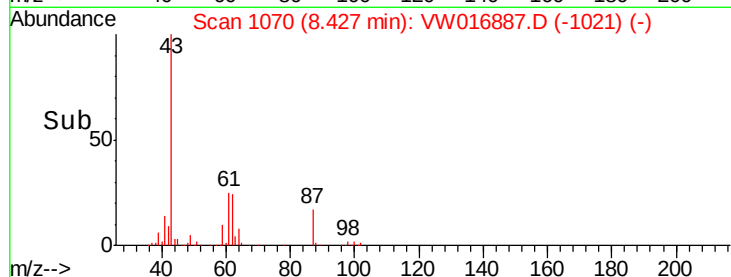
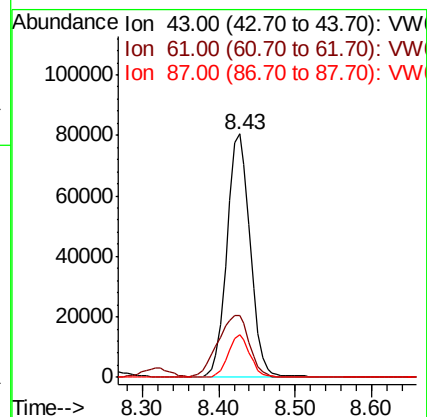
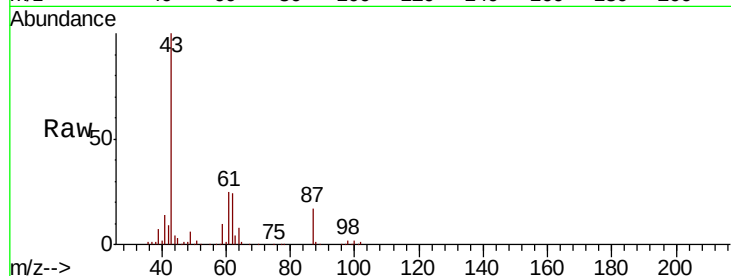
Tot Ion: 43 Resp: 168138

Ion Ratio Lower Upper

43 100

61 34.6 27.5 41.3

87 16.5 13.6 20.4



#44

Trichloroethene

Concen: 51.676 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016887.D

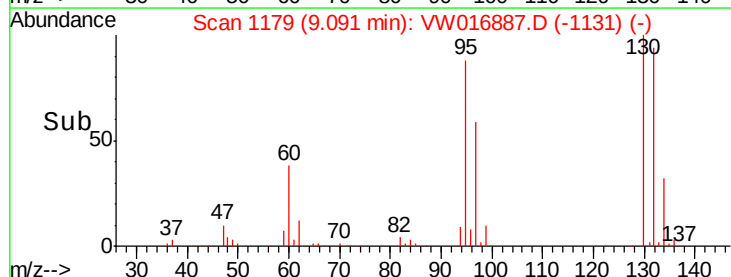
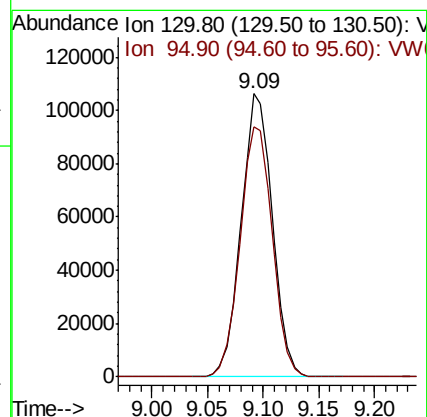
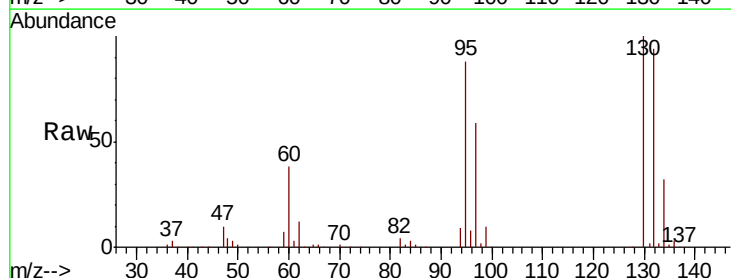
Acq: 12 Oct 2020 17:24

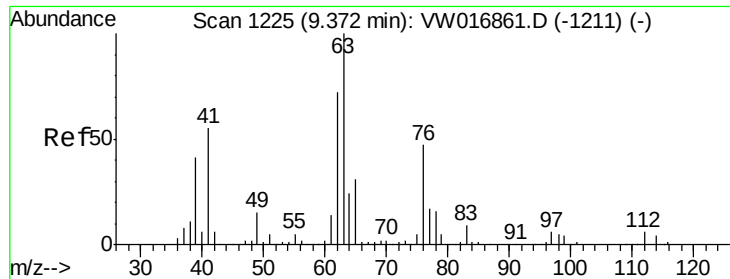
Tgt Ion: 130 Resp: 205997

Ion Ratio Lower Upper

130 100

95 88.2 0.0 180.2

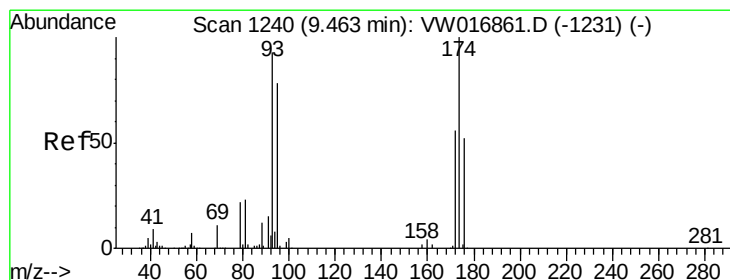
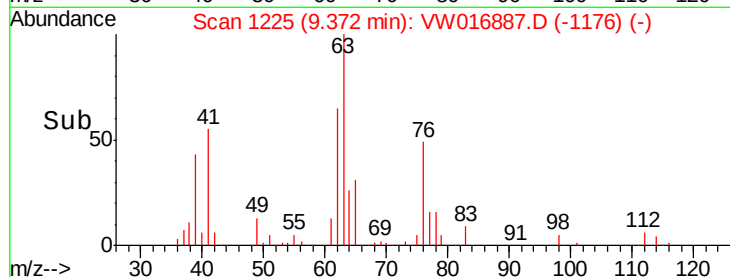
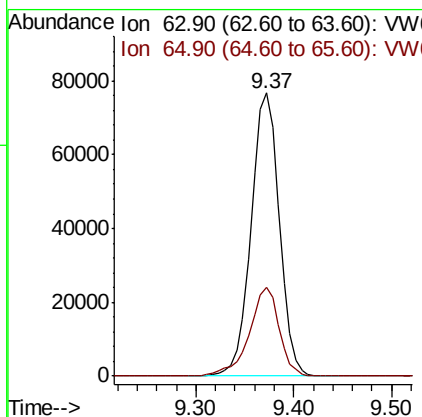
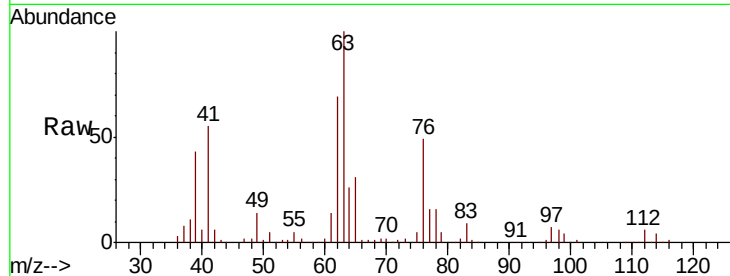




#45
 1,2-Dichloropropane
 Concen: 52.624 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

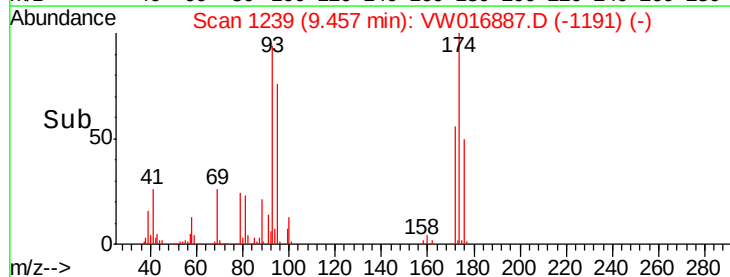
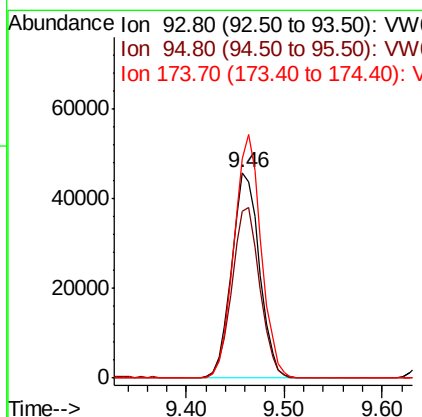
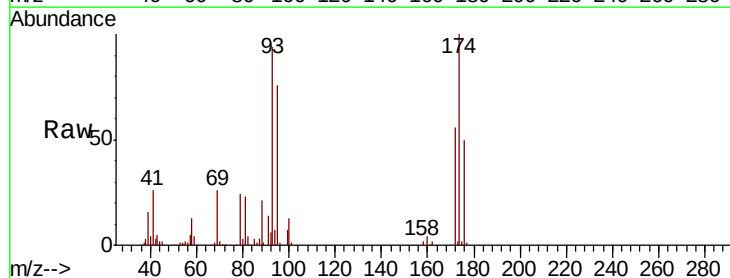
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

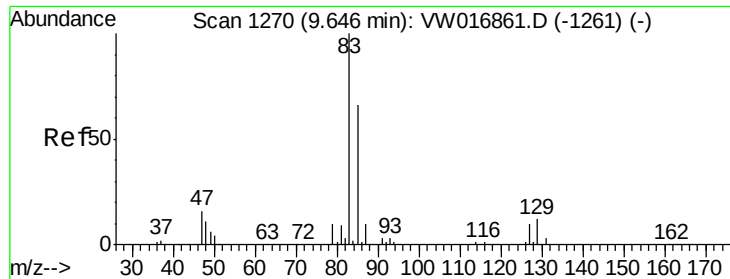
Tot Ion: 63 Resp: 154559
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.1 37.7



#46
 Dibromomethane
 Concen: 53.720 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Tgt Ion: 93 Resp: 90244
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.5 99.7
 174 115.7 91.0 136.6





#47

Bromodichloromethane

Concen: 53.654 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

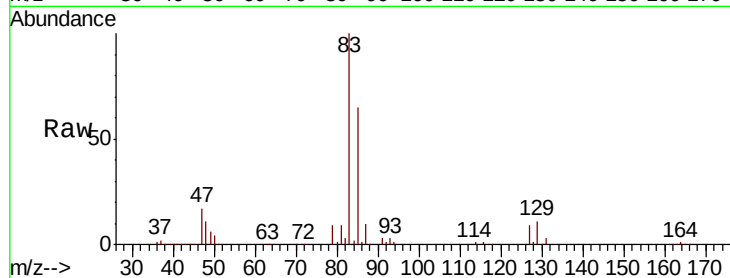
Tot Ion: 83 Resp: 224111

Ion Ratio Lower Upper

83 100

85 65.5 52.7 79.1

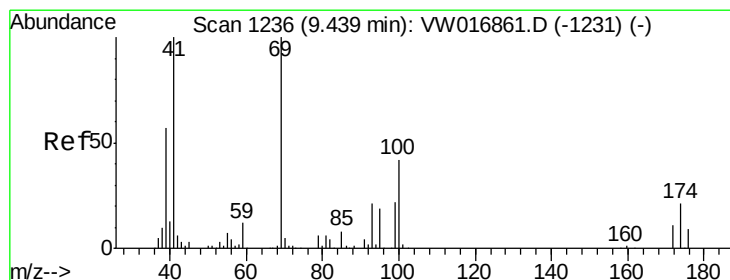
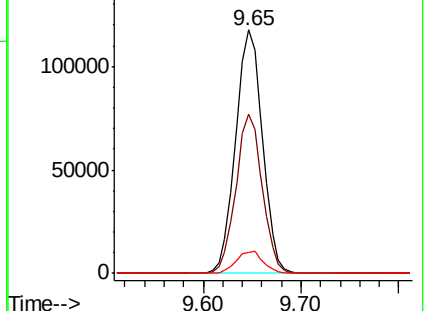
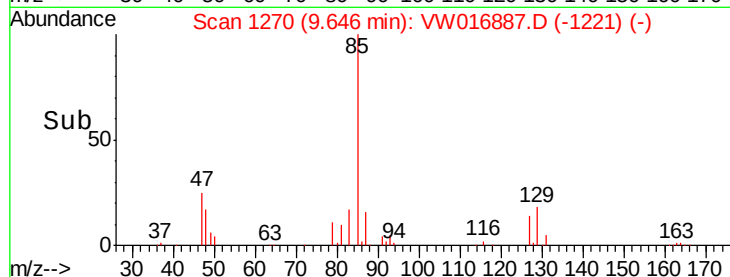
127 8.8 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 60.909 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

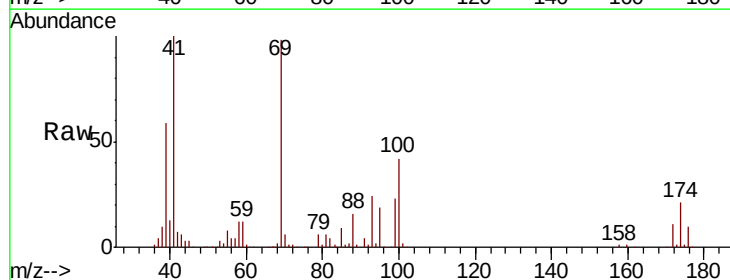
Tgt Ion: 41 Resp: 81202

Ion Ratio Lower Upper

41 100

69 101.8 83.5 125.3

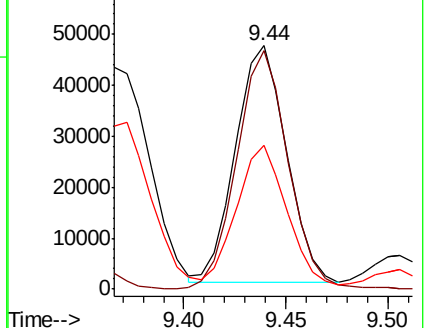
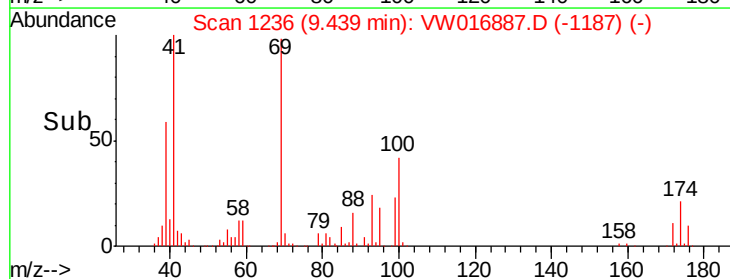
39 56.5 50.9 76.3

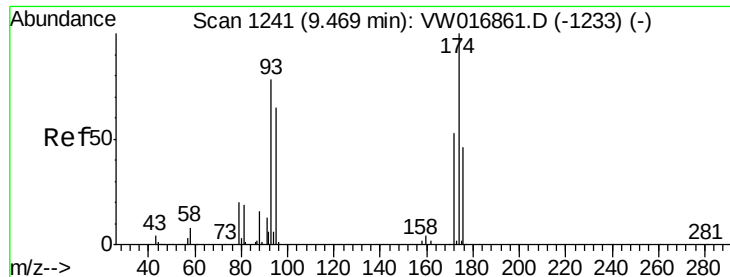


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1247.363 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

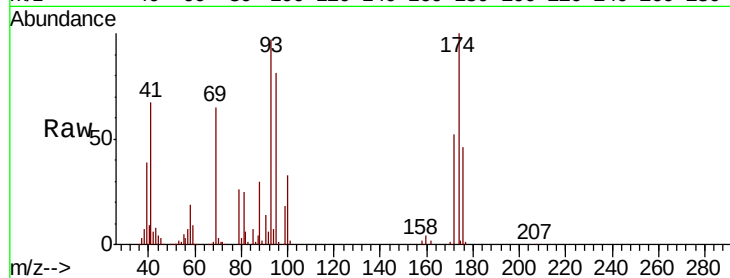
Tot Ion: 88 Resp: 24103

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0#

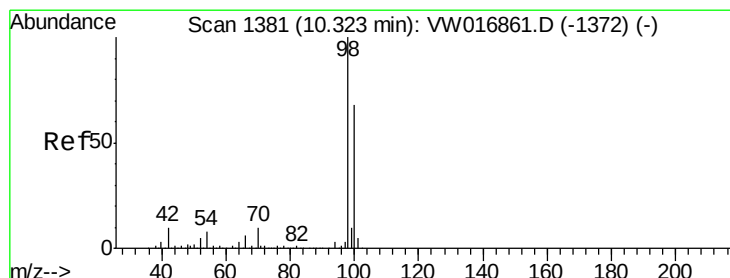
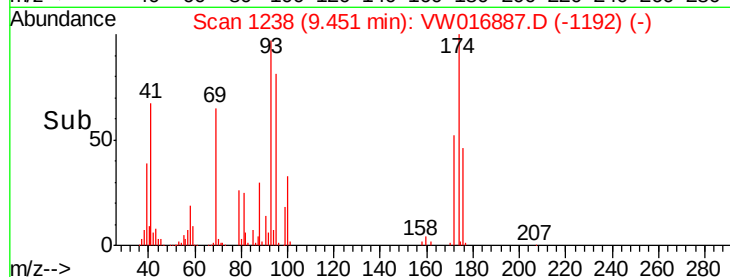
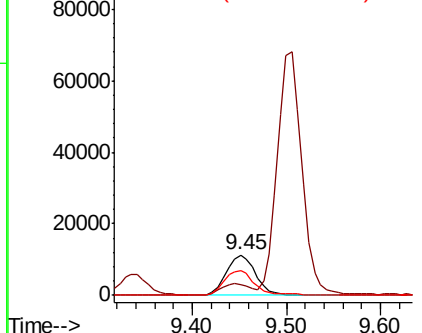
58 66.7 54.0 81.0



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: 52.569 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016887.D

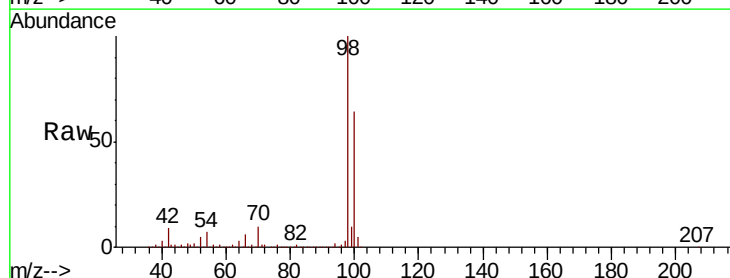
Acq: 12 Oct 2020 17:24

Tgt Ion: 98 Resp: 645969

Ion Ratio Lower Upper

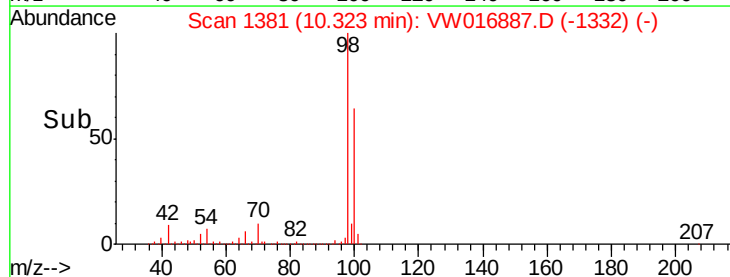
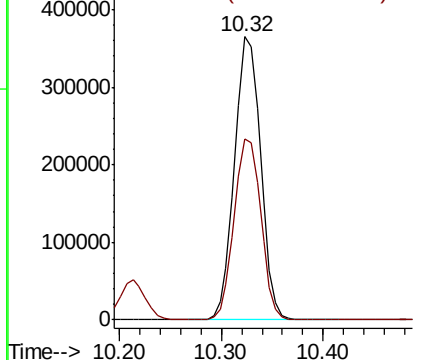
98 100

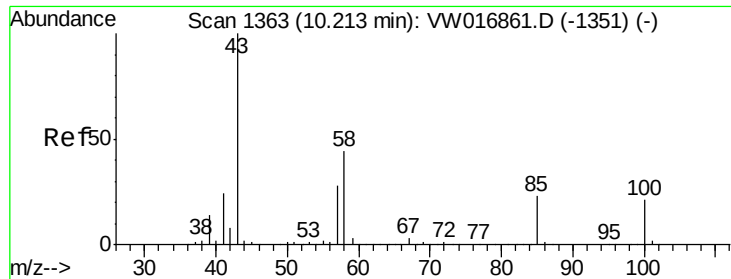
100 65.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

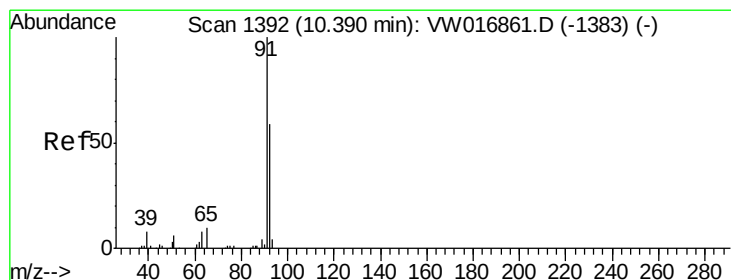
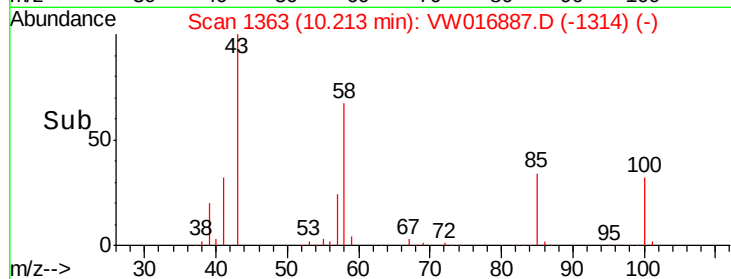
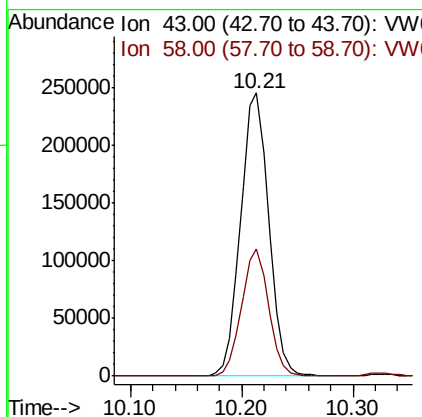
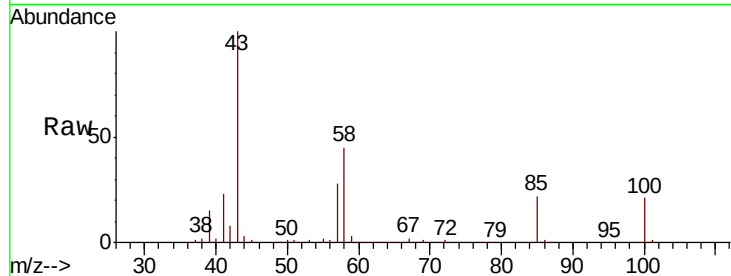




#51
4-Methyl-2-Pentanone
Concen: 294.869 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

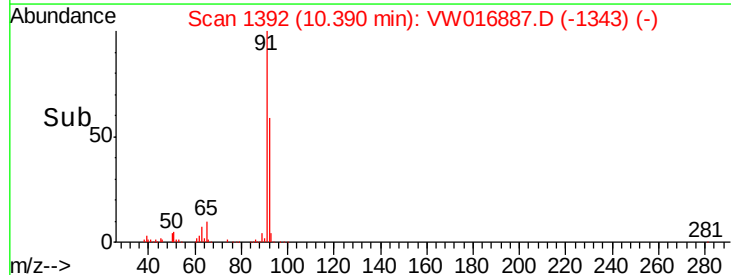
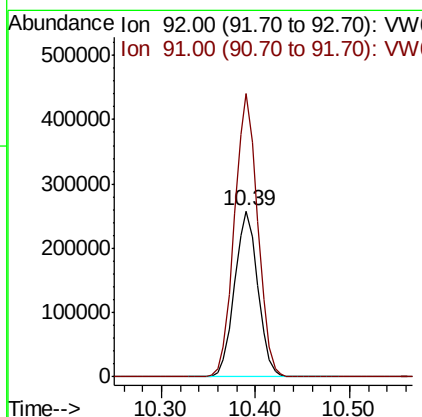
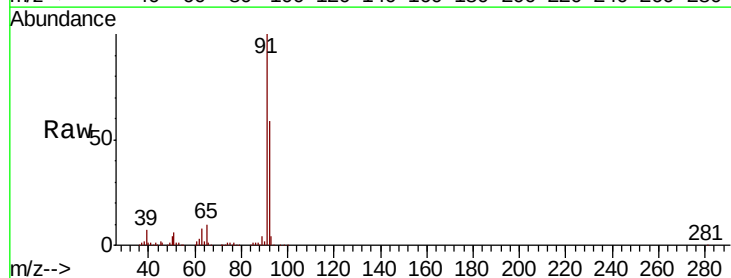
Instrument :
MSVOA_W
ClientSampled :
BFB

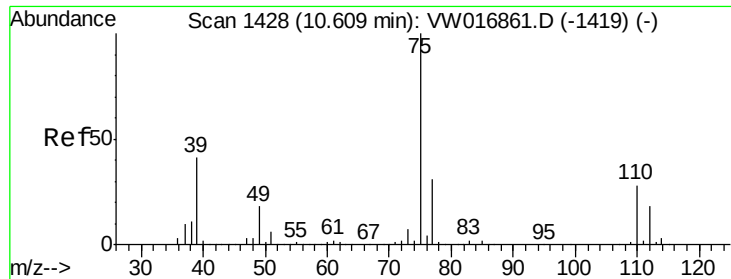
Tot Ion: 43 Resp: 431566
Ion Ratio Lower Upper
43 100
58 43.4 34.7 52.1



#52
Toluene
Concen: 51.684 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 92 Resp: 440024
Ion Ratio Lower Upper
92 100
91 171.0 134.7 202.1

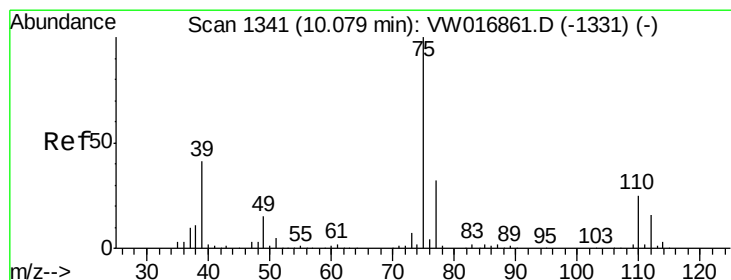
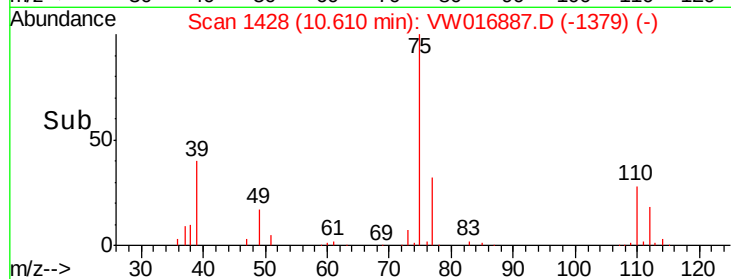
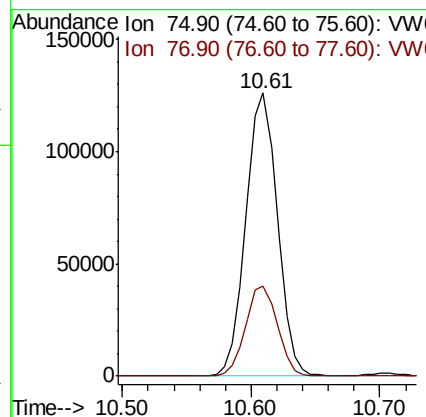
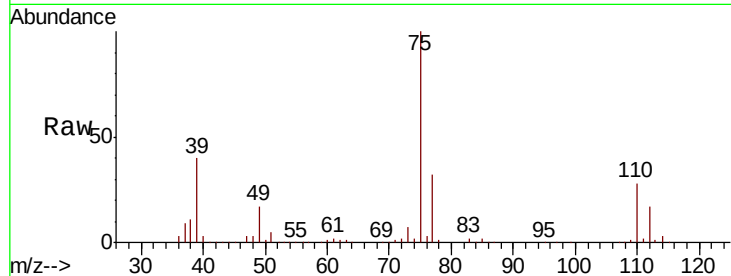




#53
t-1,3-Dichloropropene
Concen: 56.193 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

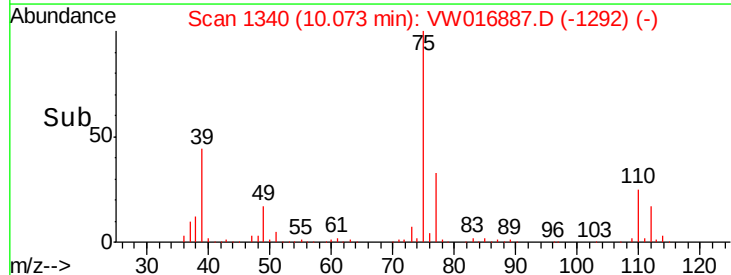
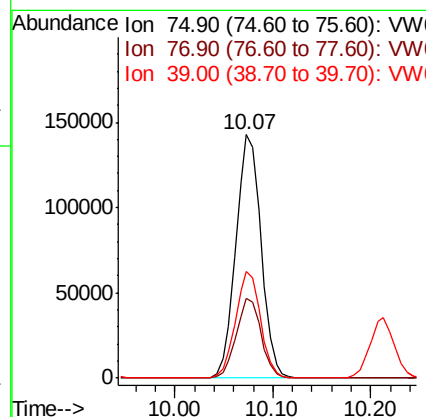
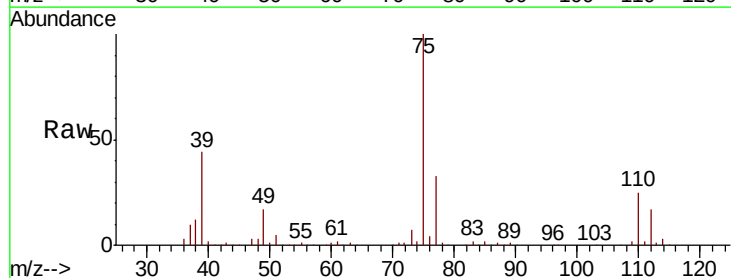
Instrument :
MSVOA_W
ClientSampled :
BFB

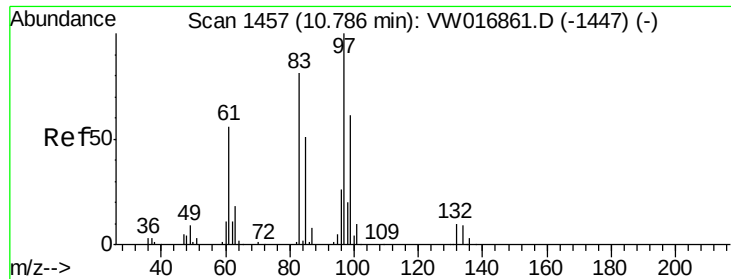
Tot Ion: 75 Resp: 213678
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 54.899 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 75 Resp: 254988
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
39 43.8 32.9 49.3

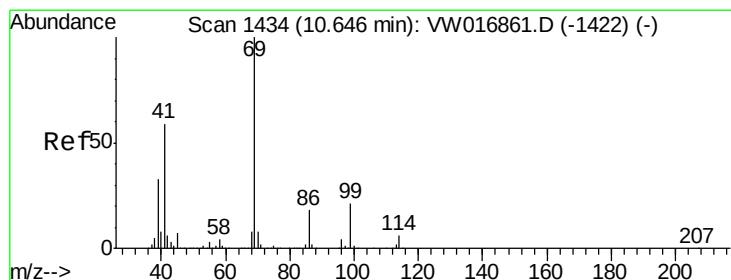
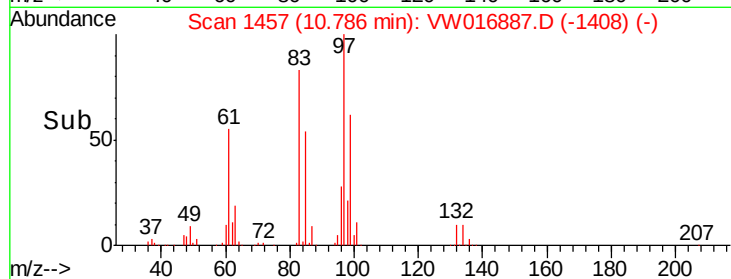
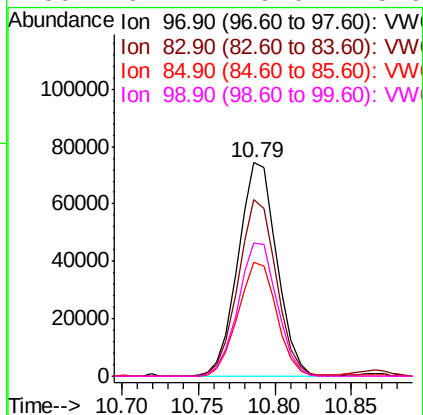
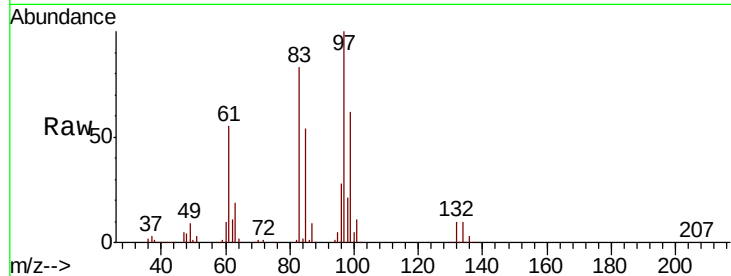




#55
 1,1,2-Trichloroethane
 Concen: 54.826 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

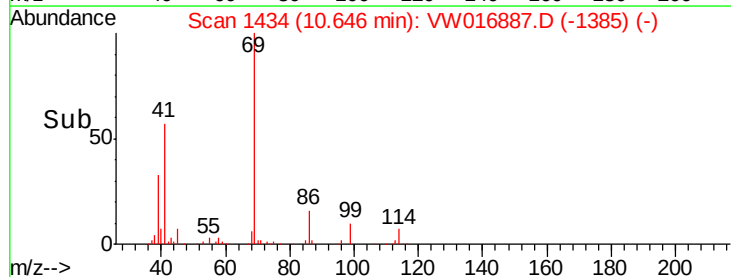
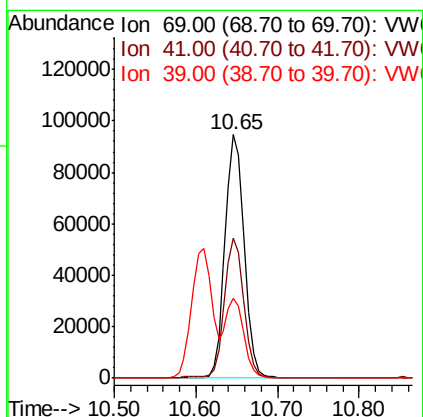
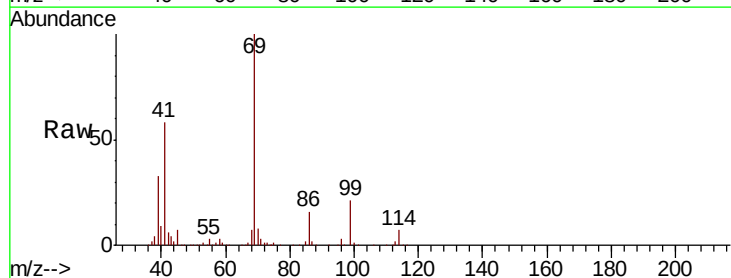
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

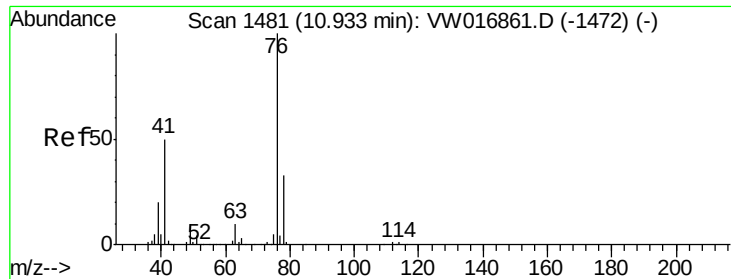
Tot Ion:	97	Resp:	131100
Ion	Ratio	Lower	Upper
97	100		
83	82.7	64.6	97.0
85	53.6	40.6	61.0
99	62.2	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 59.155 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Tgt Ion:	69	Resp:	153878
Ion	Ratio	Lower	Upper
69	100		
41	57.0	46.3	69.5
39	32.1	25.9	38.9

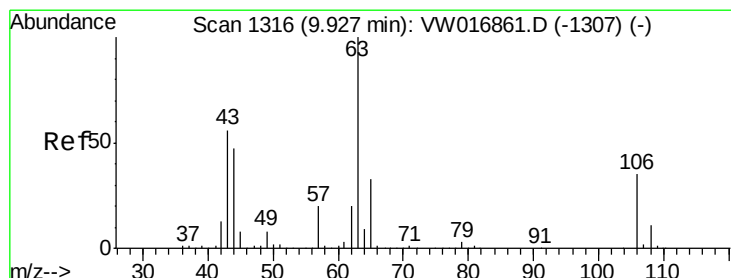
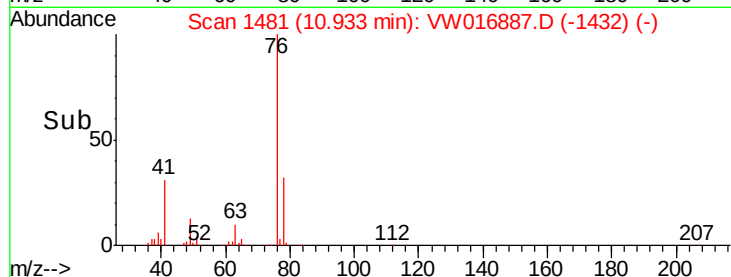
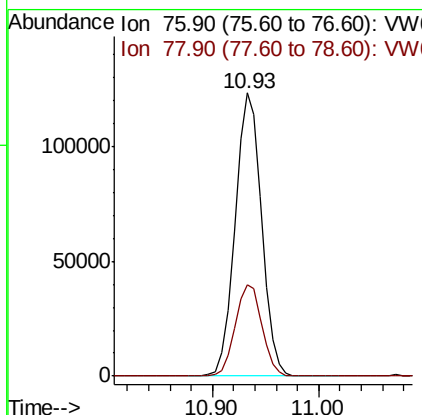
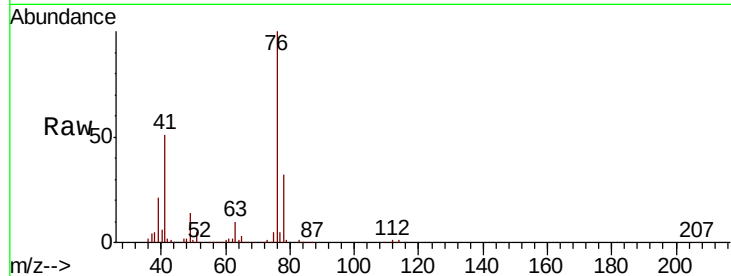




#57
 1,3-Dichloropropane
 Concen: 54.208 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

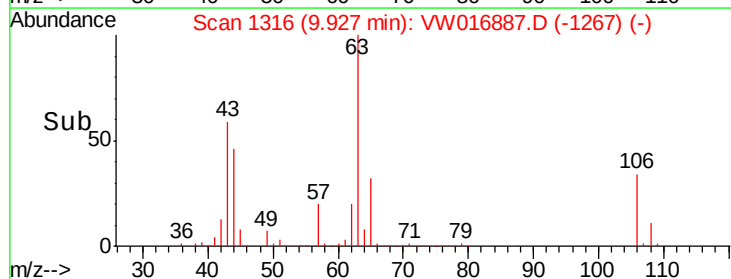
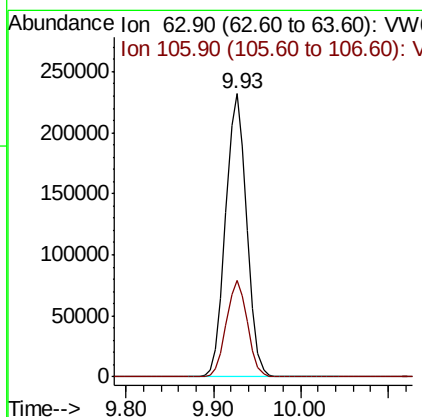
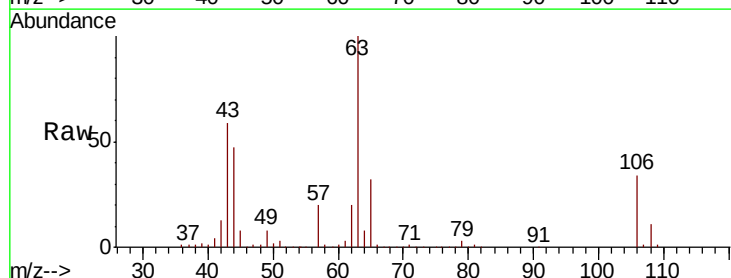
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

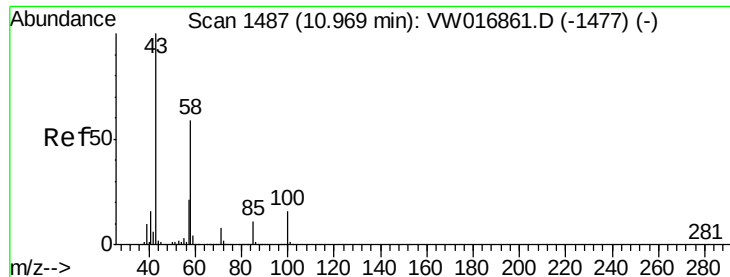
Tot Ion: 76 Resp: 214450
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.723 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Tgt Ion: 63 Resp: 388800
 Ion Ratio Lower Upper
 63 100
 106 33.9 27.0 40.4

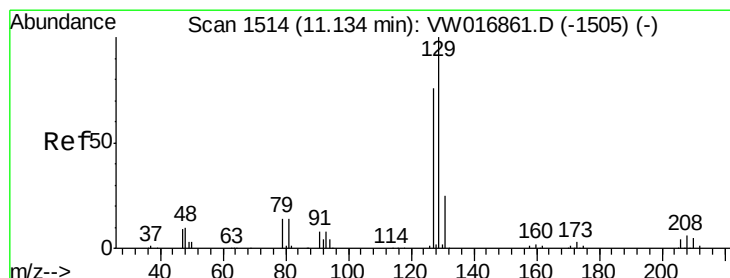
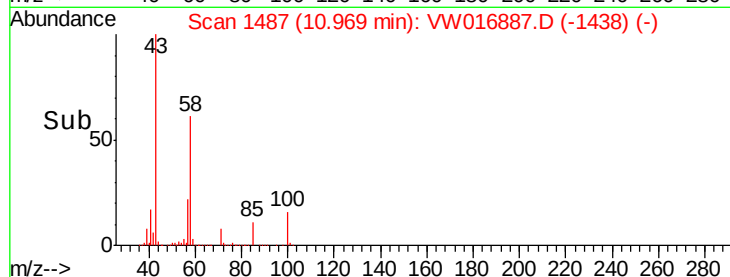
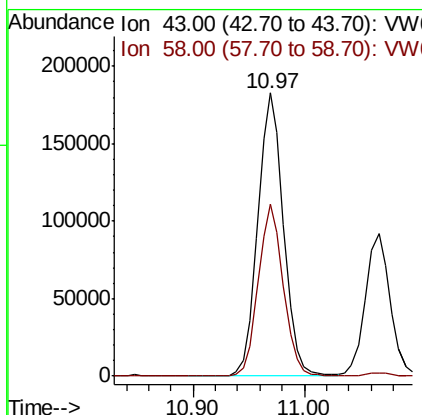
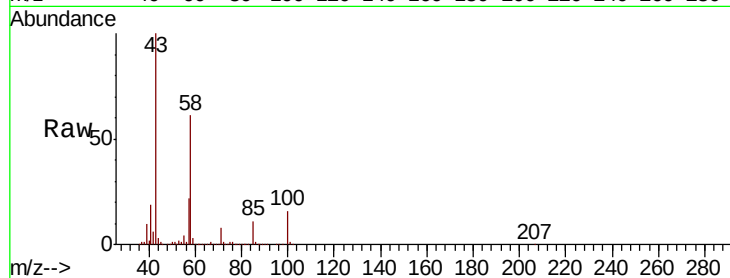




#59
2-Hexanone
Concen: 303.584 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

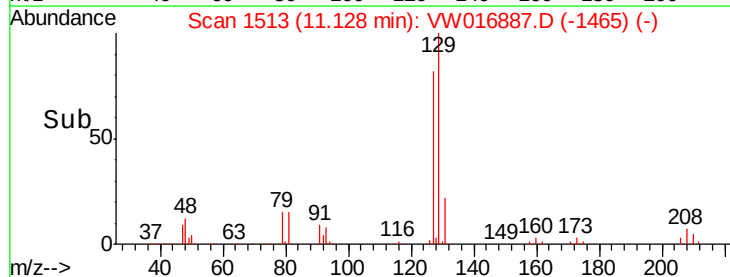
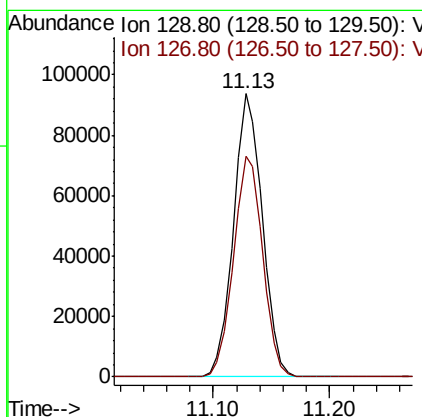
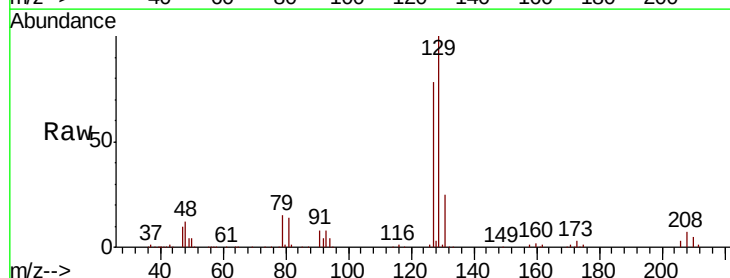
Instrument :
MSVOA_W
ClientSampled :
BFB

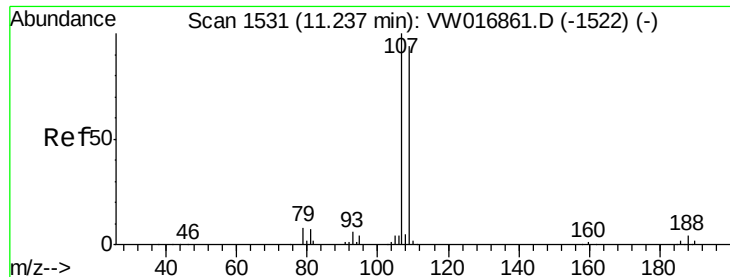
Tot Ion: 43 Resp: 293981
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 55.053 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 129 Resp: 161465
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6

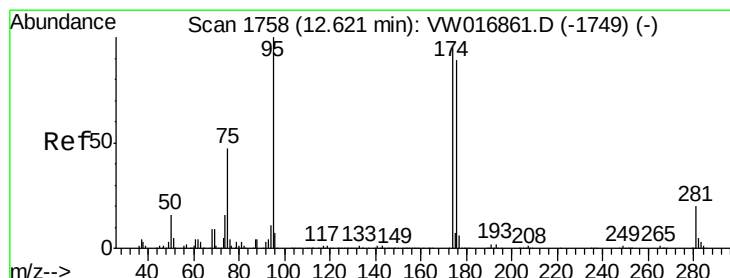
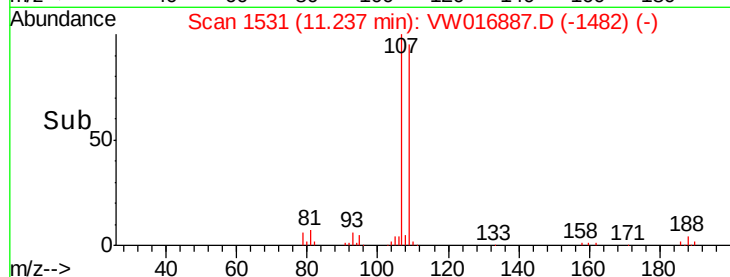
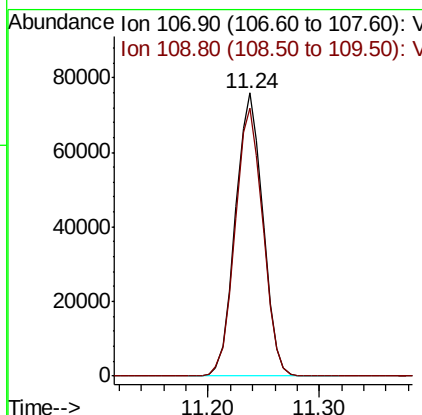
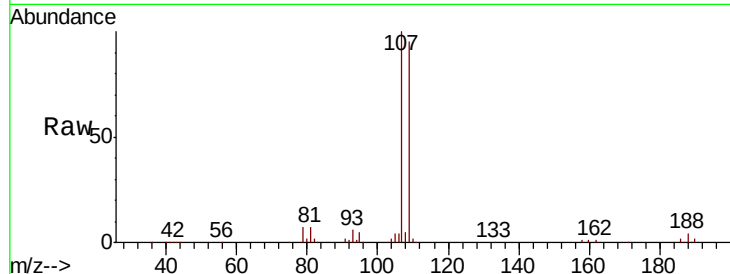




#61
 1,2-Dibromoethane
 Concen: 54.793 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

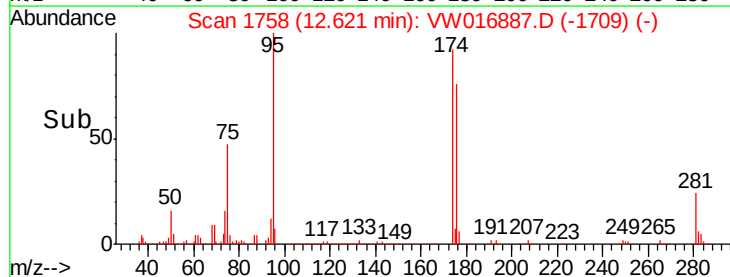
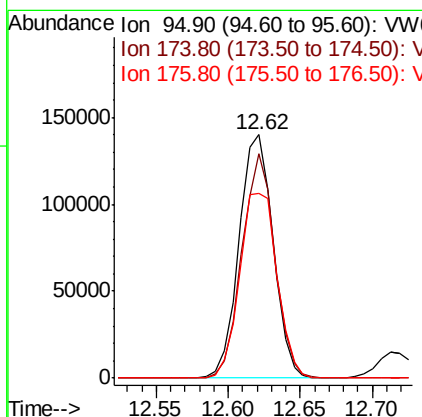
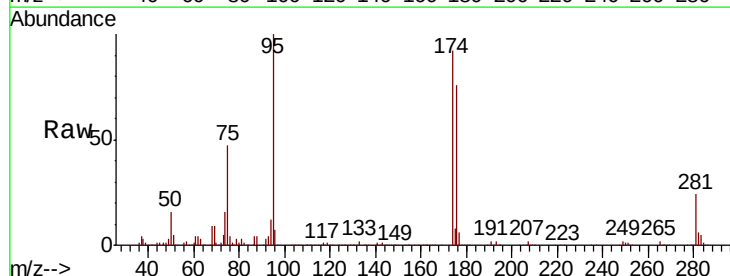
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

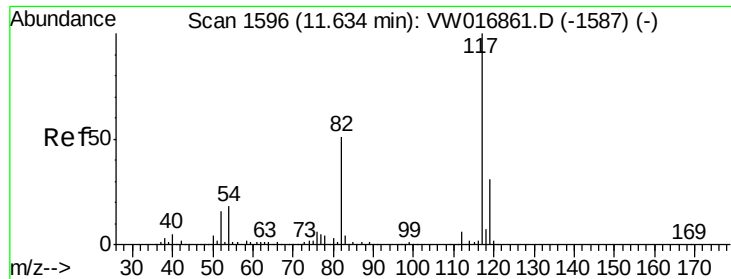
Tot Ion: 107 Resp: 129752
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 54.060 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Tgt Ion: 95 Resp: 229072
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 180.6
 176 83.6 0.0 177.6

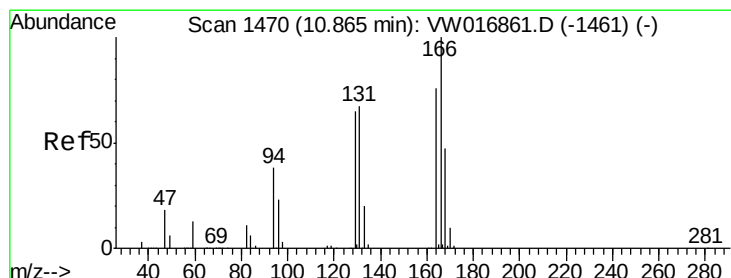
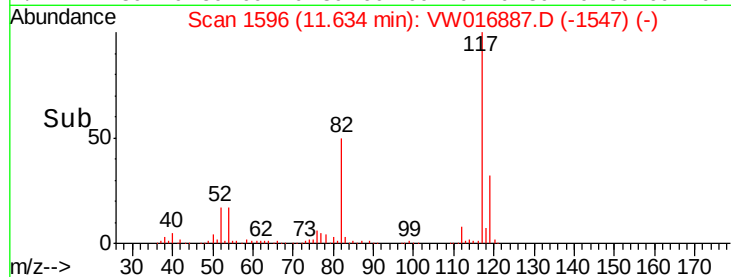
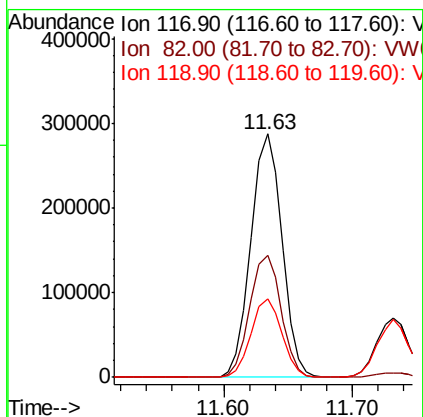
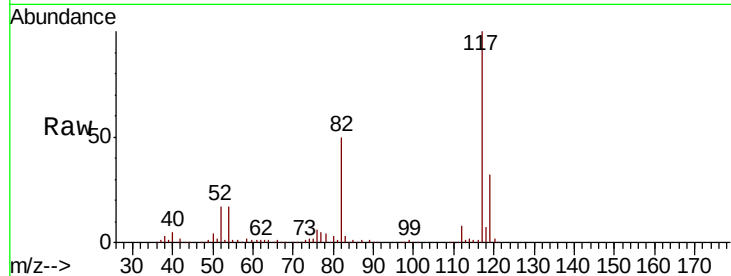




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

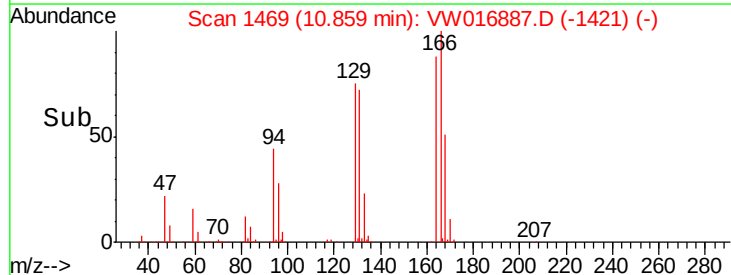
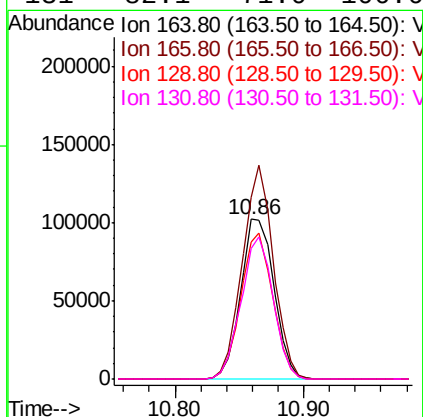
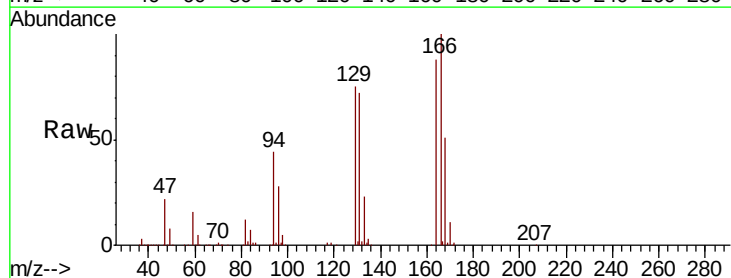
Instrument :
MSVOA_W
ClientSampled :
BFB

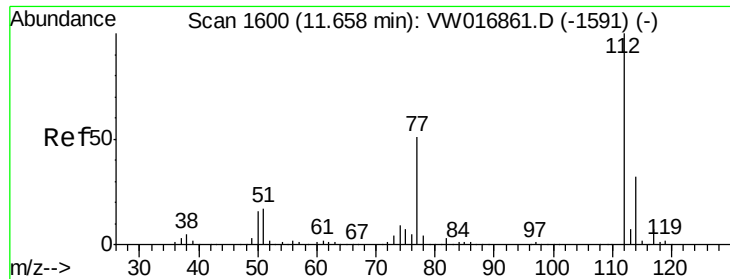
Tot Ion:117 Resp: 479354
Ion Ratio Lower Upper
117 100
82 50.4 40.7 61.1
119 32.3 25.0 37.4



#64
Tetrachloroethene
Concen: 53.504 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion:164 Resp: 182728
Ion Ratio Lower Upper
164 100
166 114.0 105.3 157.9
129 85.6 68.8 103.2
131 82.1 71.0 106.6

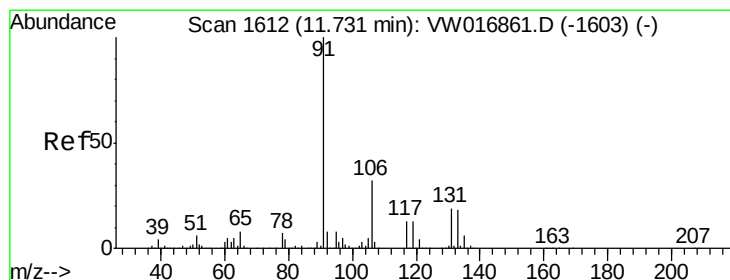
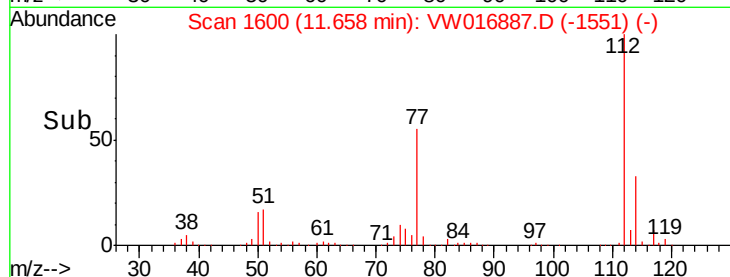
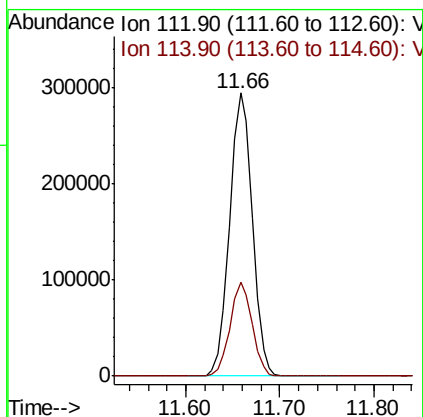
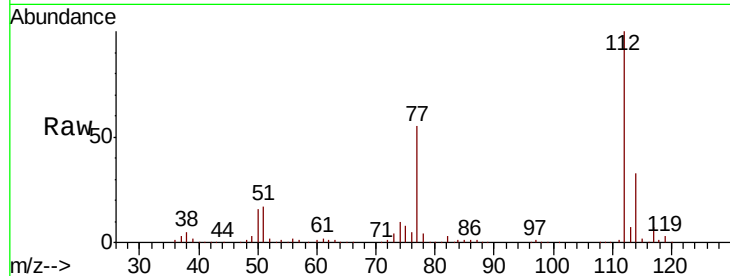




#65
Chlorobenzene
Concen: 52.333 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

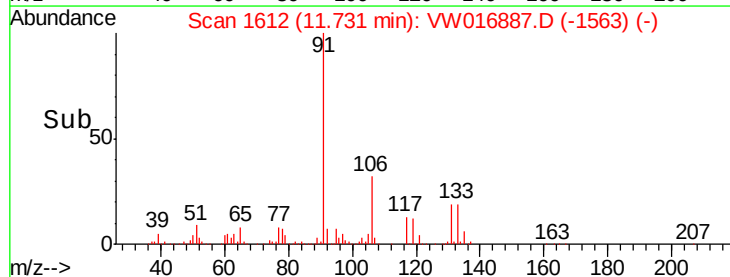
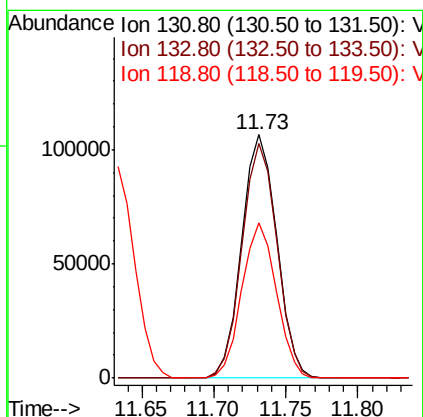
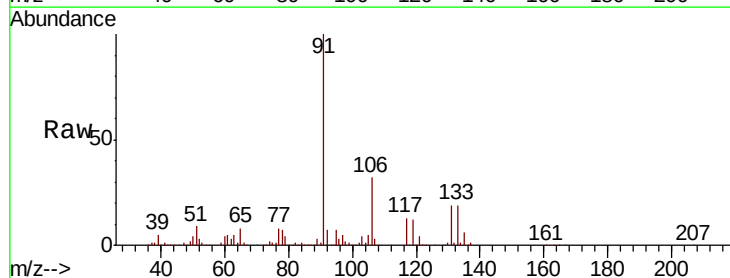
Instrument :
MSVOA_W
ClientSampleId :
BFB

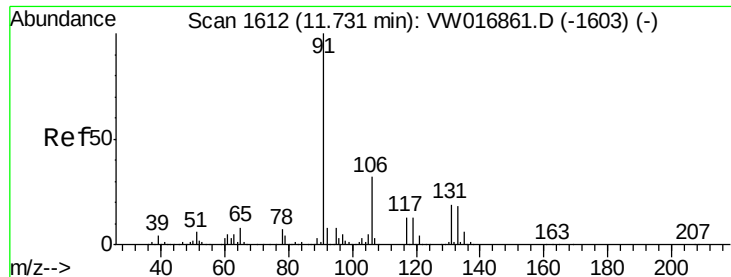
Tot Ion:112 Resp: 492048
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.185 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion:131 Resp: 180170
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.3
119 63.1 32.5 97.4

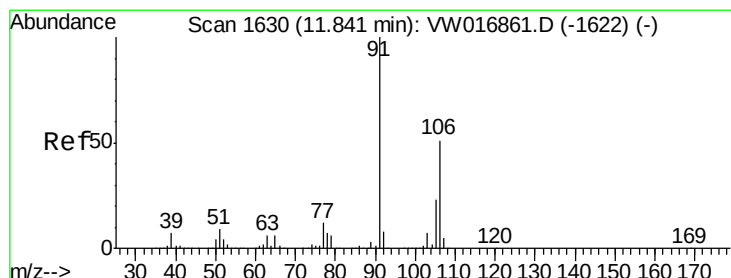
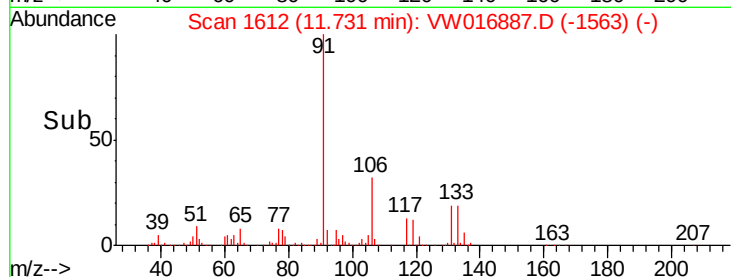
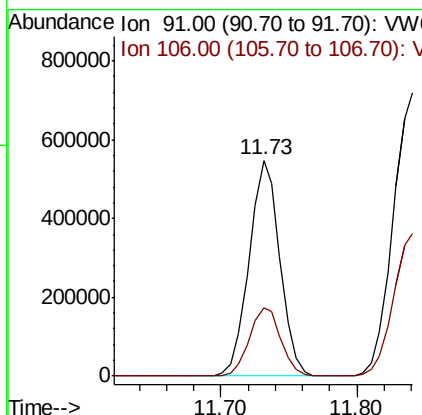
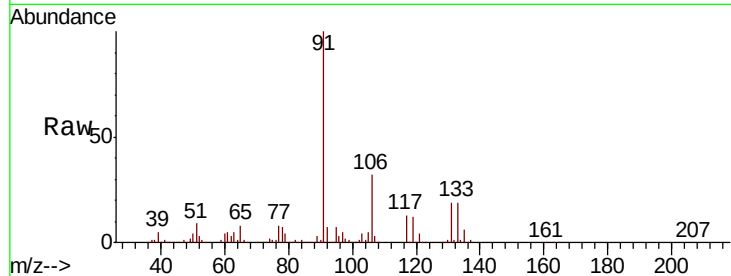




#67
Ethyl Benzene
Concen: 52.949 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

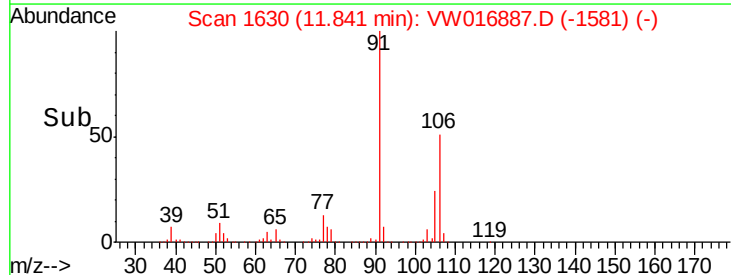
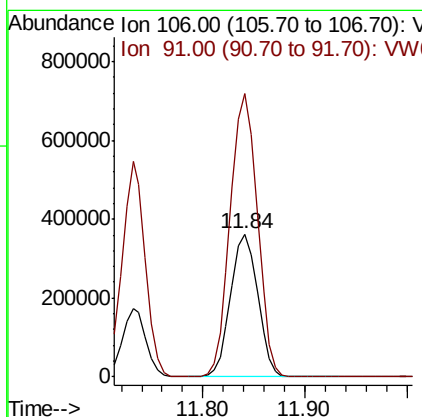
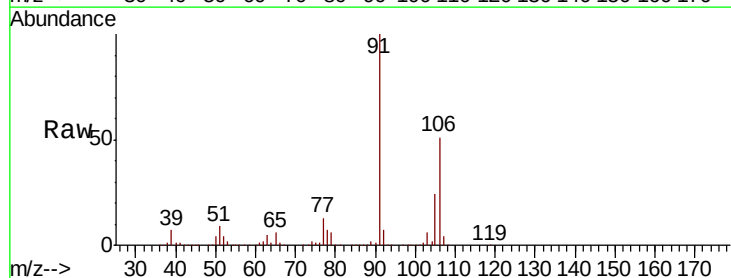
Instrument :
MSVOA_W
ClientSampled :
BFB

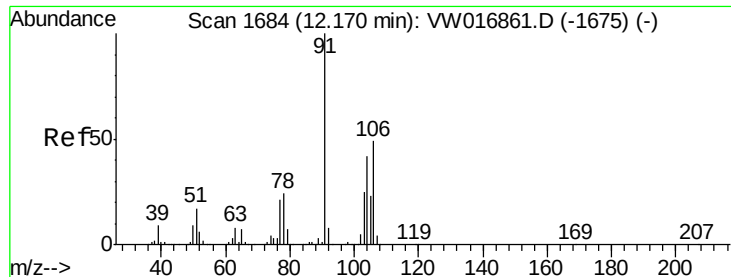
Tot Ion: 91 Resp: 867507
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 105.092 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion: 106 Resp: 669665
Ion Ratio Lower Upper
106 100
91 198.0 157.4 236.0

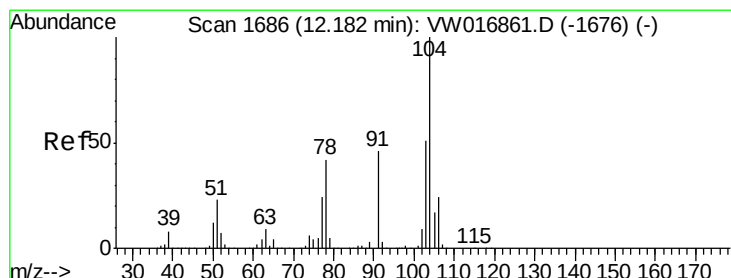
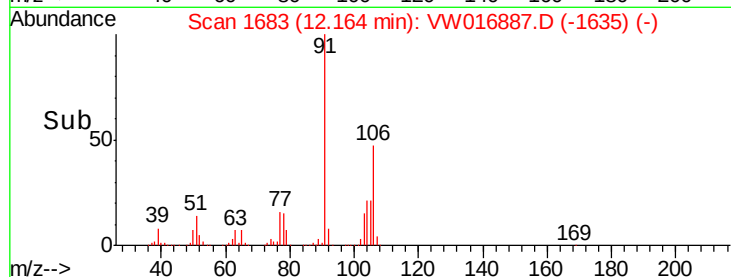
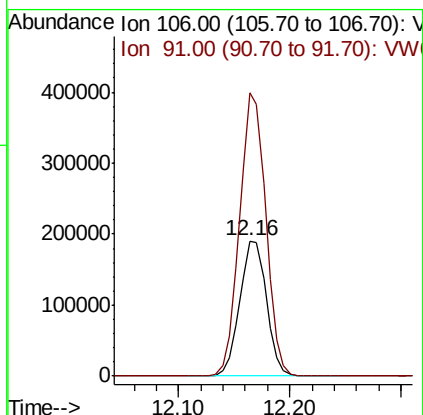
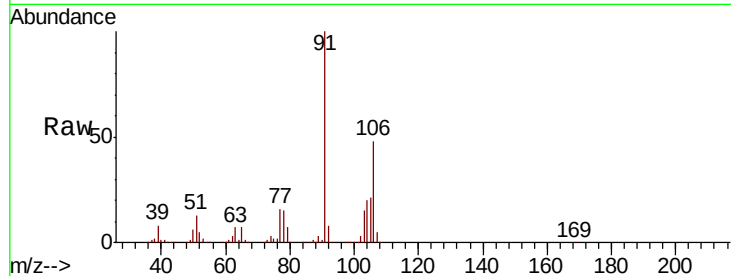




#69
o-Xylene
Concen: 54.135 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

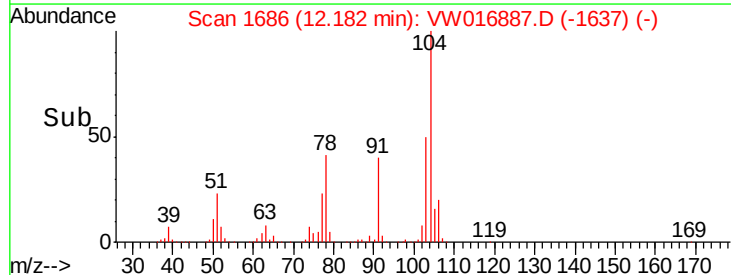
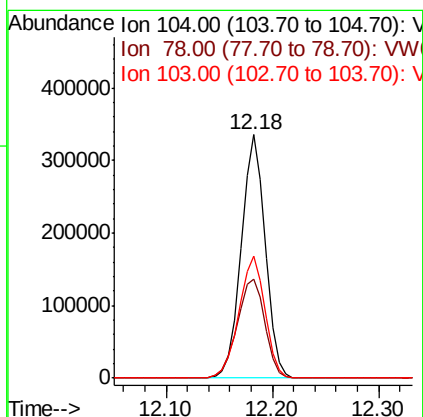
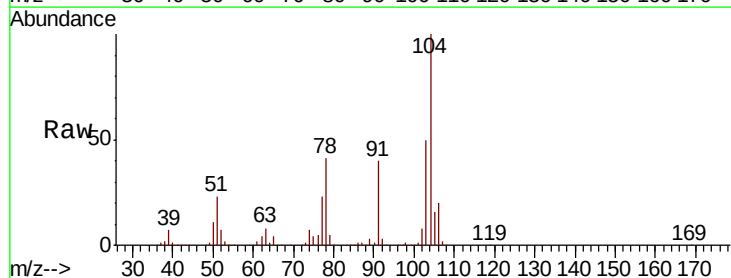
Instrument :
MSVOA_W
ClientSampled :
BFB

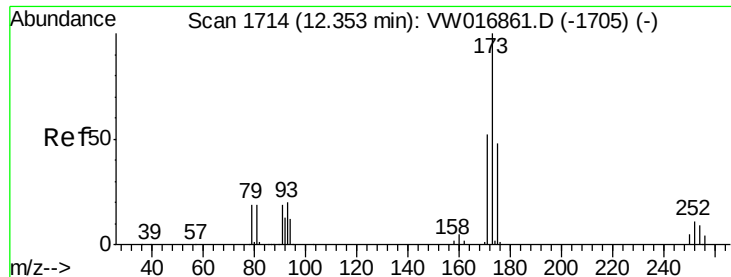
Tot Ion:106 Resp: 316554
Ion Ratio Lower Upper
106 100
91 205.9 103.6 310.9



#70
Styrene
Concen: 54.656 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion:104 Resp: 531923
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 58.329 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

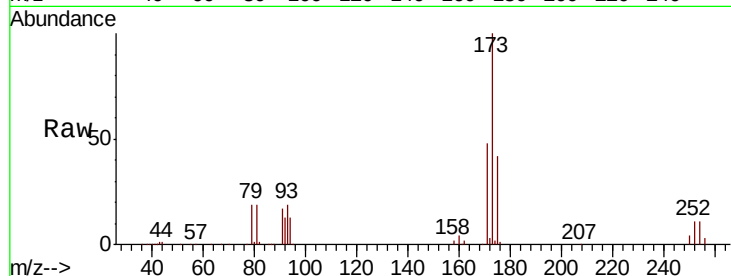
Tot Ion:173 Resp: 97369

Ion Ratio Lower Upper

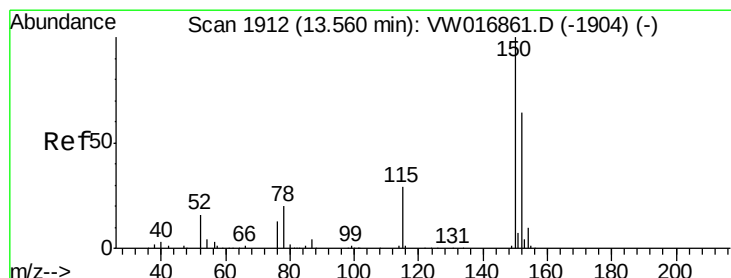
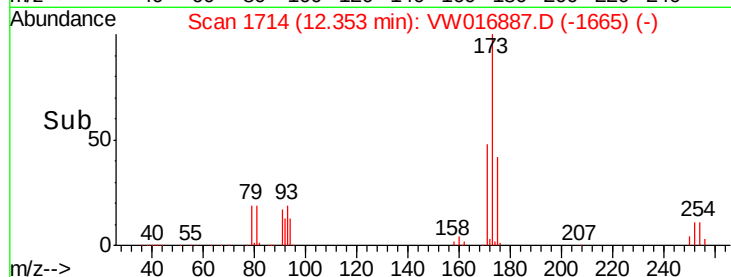
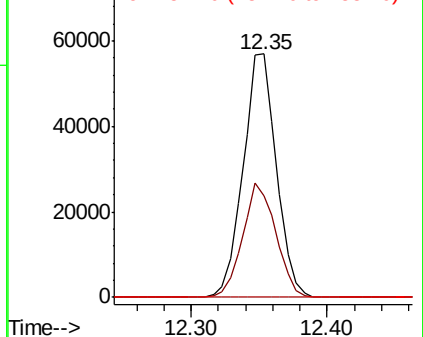
173 100

175 46.8 24.7 74.1

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

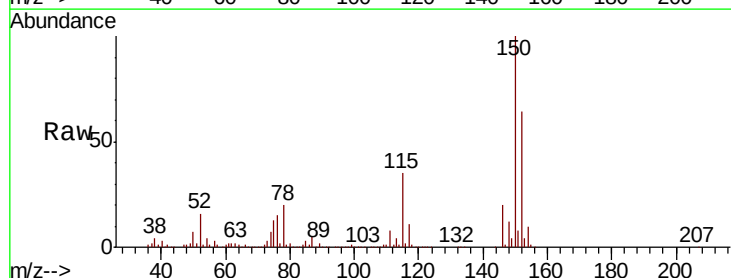
Tgt Ion:152 Resp: 245582

Ion Ratio Lower Upper

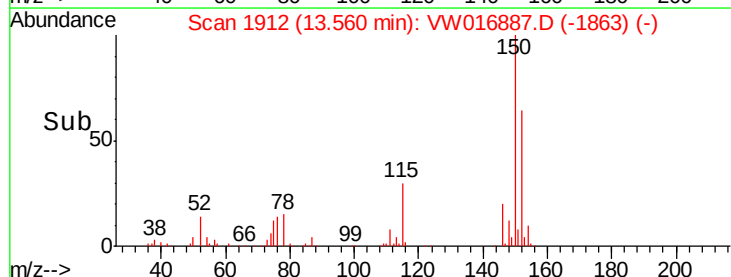
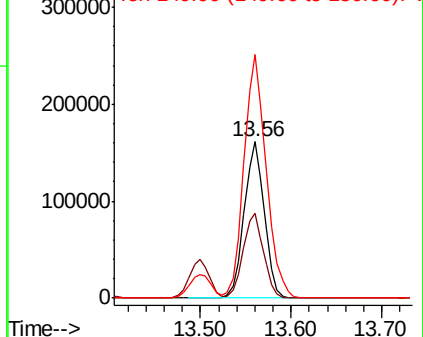
152 100

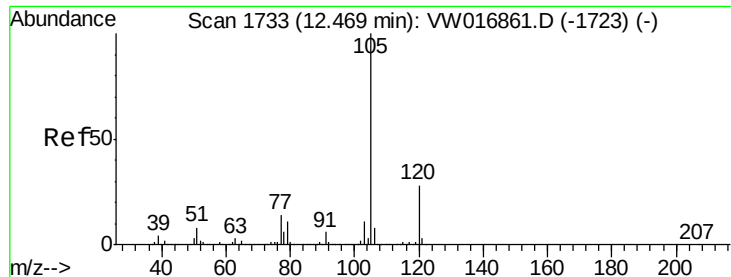
115 55.3 27.9 83.7

150 172.3 0.0 344.0



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: 52.930 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

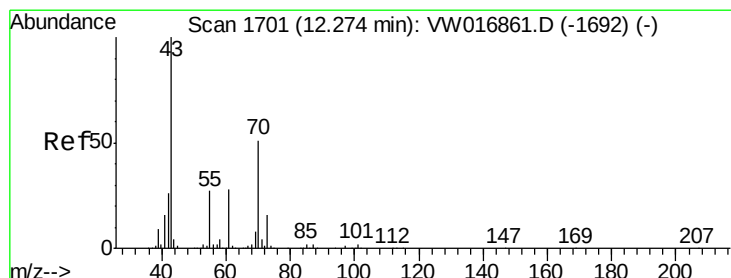
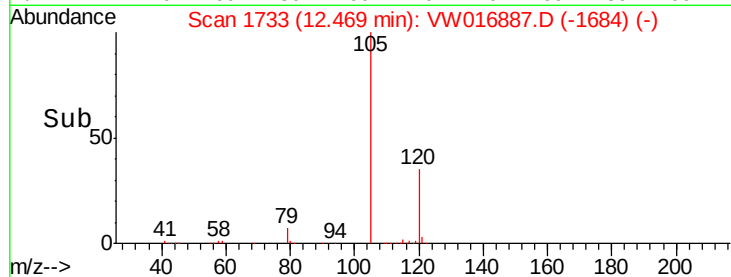
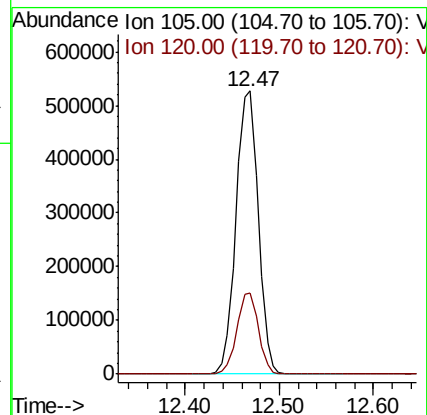
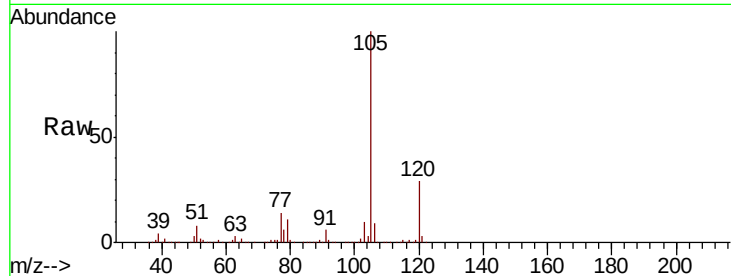
BFB

Tot Ion:105 Resp: 863980

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7



#74

N-ethyl acetate

Concen: 59.838 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Tgt Ion: 43 Resp: 156890

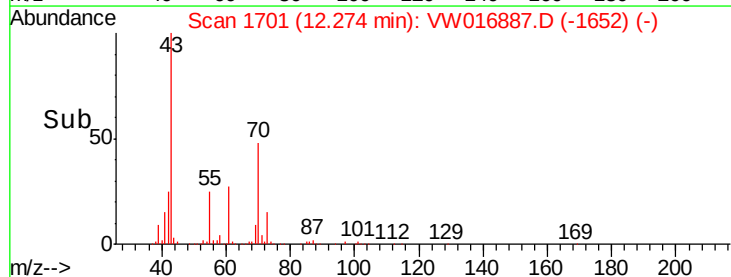
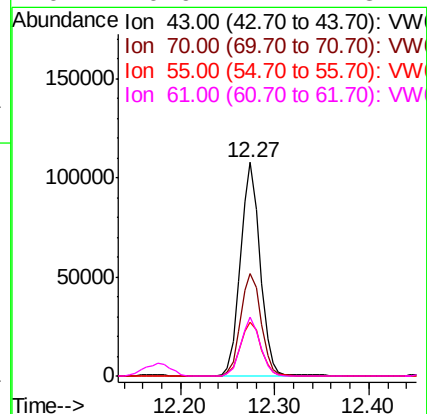
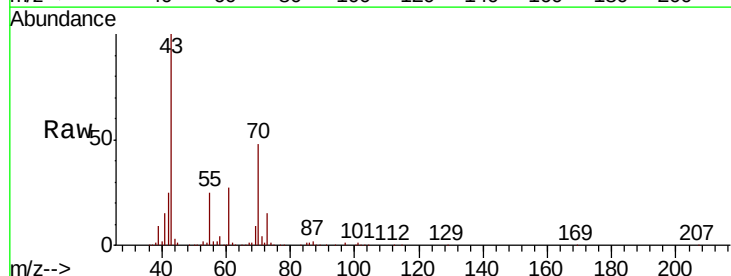
Ion Ratio Lower Upper

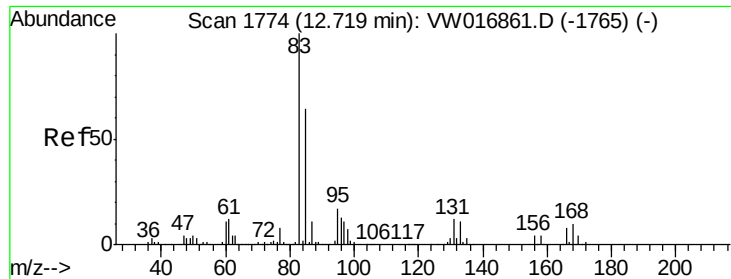
43 100

70 50.0 40.2 60.4

55 26.7 21.4 32.0

61 26.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 56.521 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

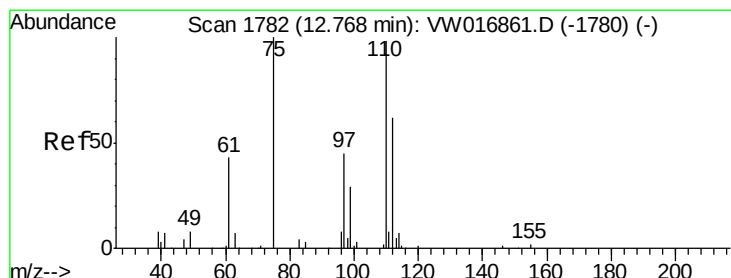
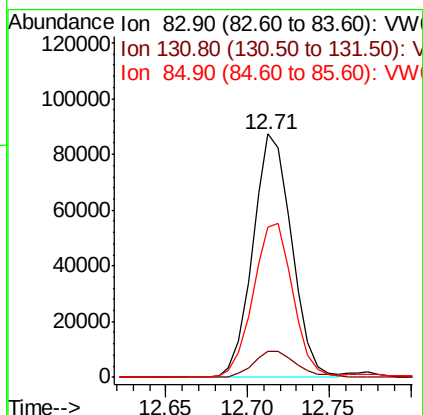
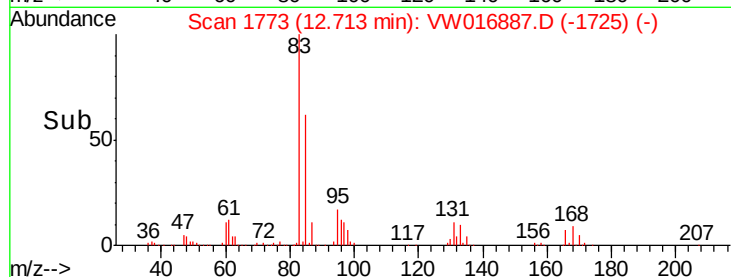
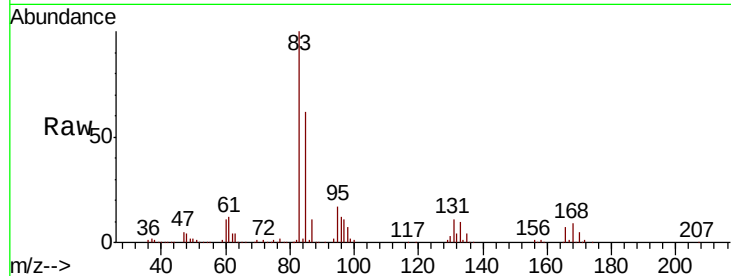
Tot Ion: 83 Resp: 144756

Ion Ratio Lower Upper

83 100

131 12.0 6.1 18.3

85 64.4 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 98.753 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016887.D

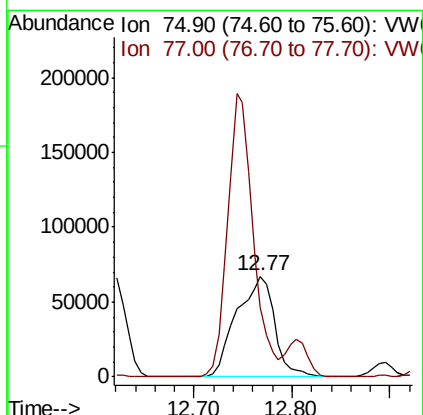
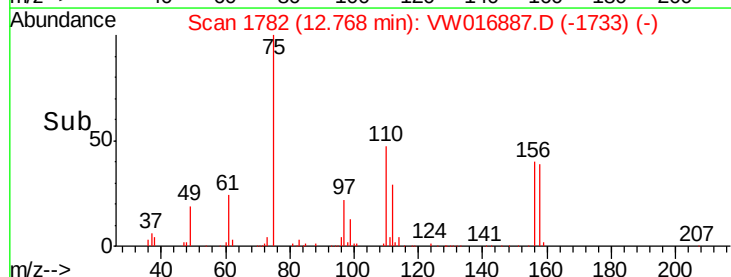
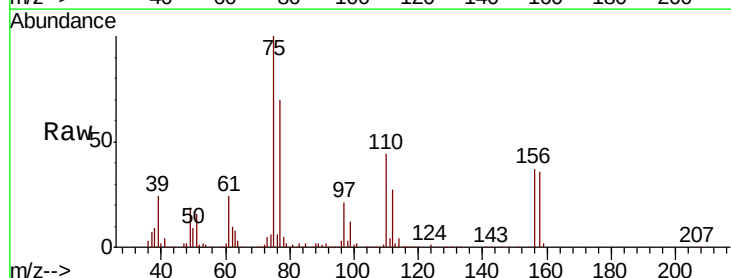
Acq: 12 Oct 2020 17:24

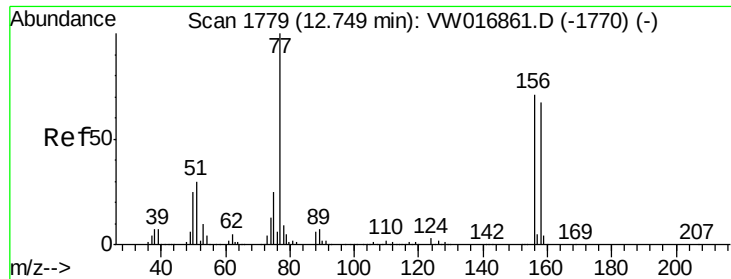
Tgt Ion: 75 Resp: 180960

Ion Ratio Lower Upper

75 100

77 0.0 178.8 536.3#





#77

Bromobenzene

Concen: 53.249 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

BFB

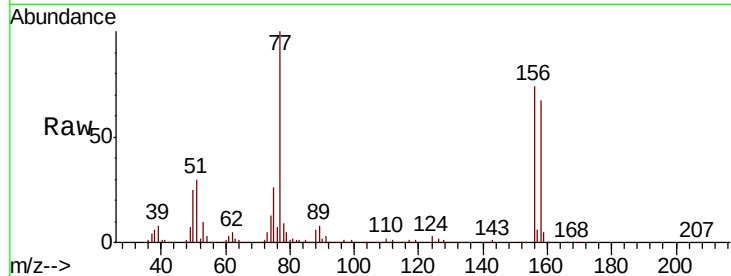
Tot Ion:156 Resp: 214857

Ion Ratio Lower Upper

156 100

77 159.7 79.0 237.2

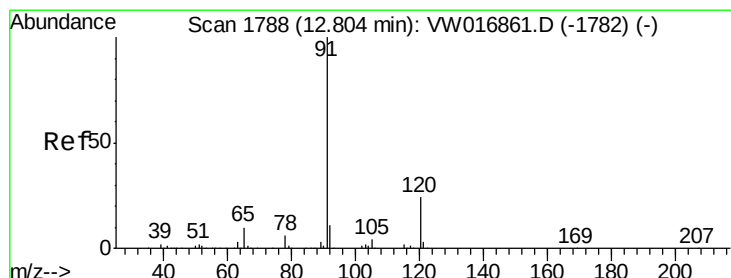
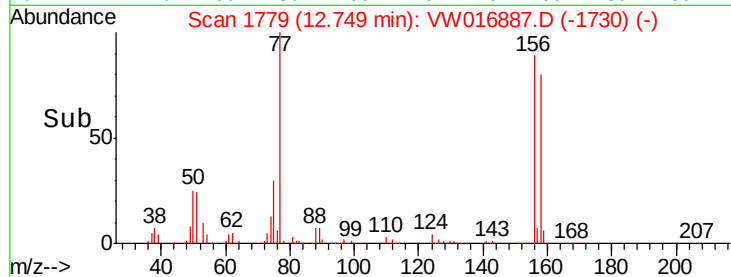
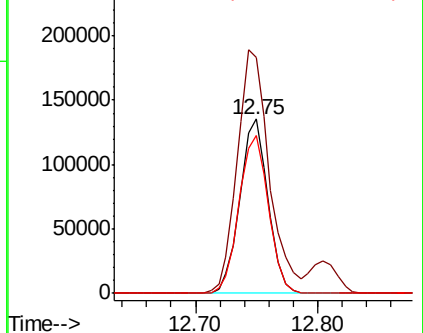
158 94.5 47.0 141.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.649 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016887.D

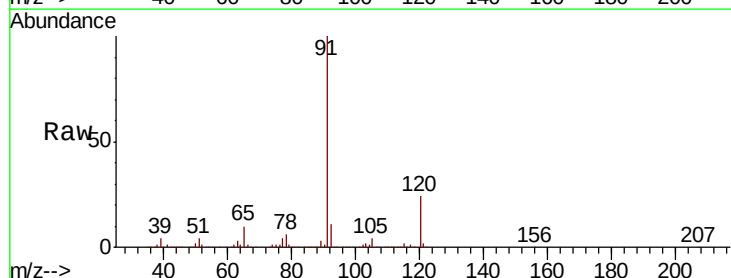
Acq: 12 Oct 2020 17:24

Tgt Ion: 91 Resp: 1009921

Ion Ratio Lower Upper

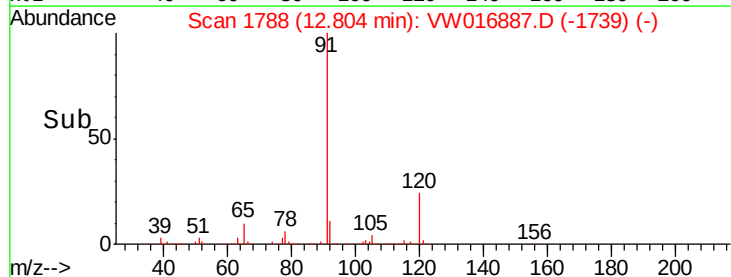
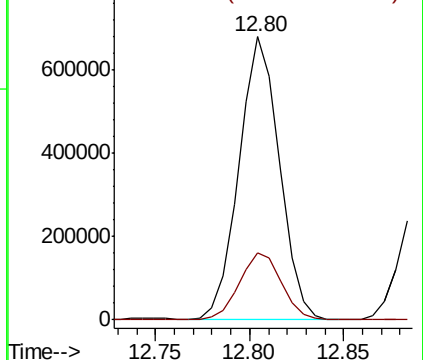
91 100

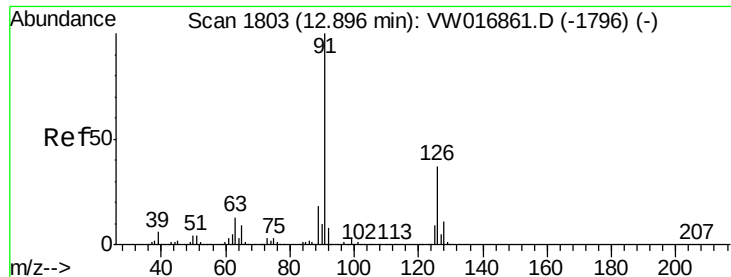
120 24.5 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.217 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampled :

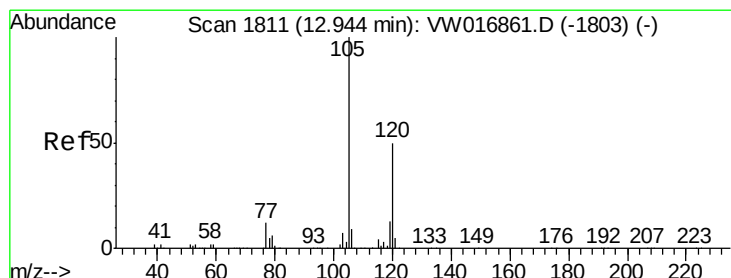
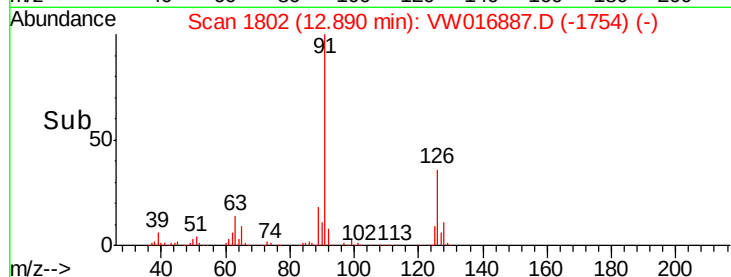
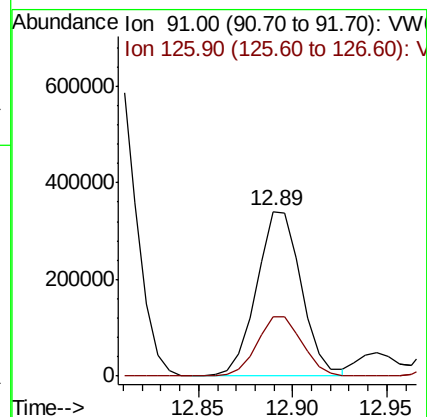
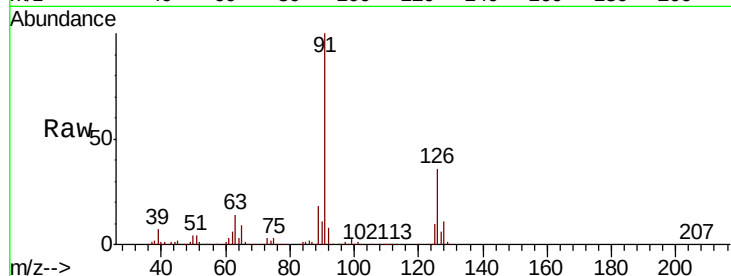
BFB

Tot Ion: 91 Resp: 560730

Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 53.765 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016887.D

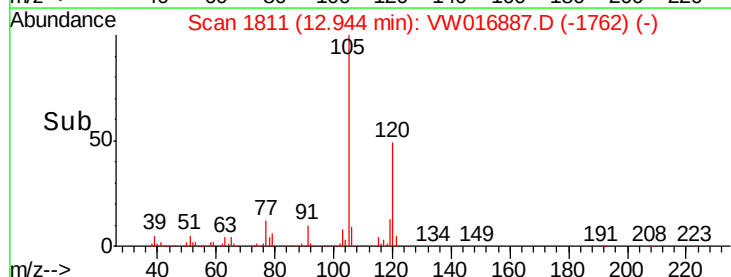
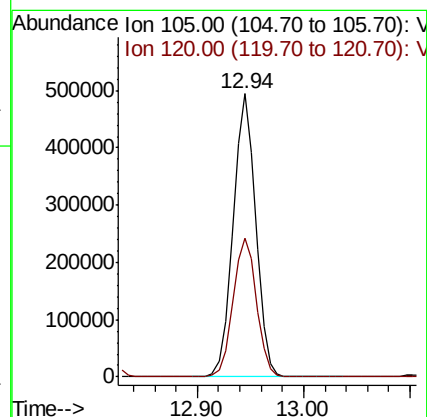
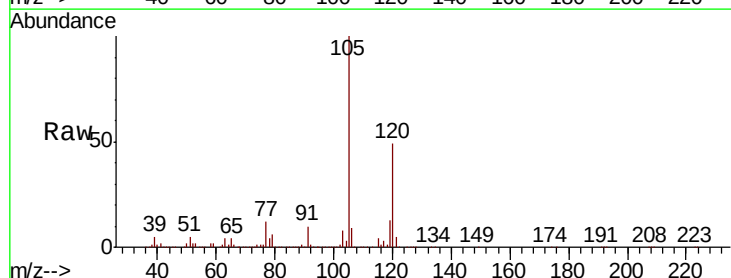
Acq: 12 Oct 2020 17:24

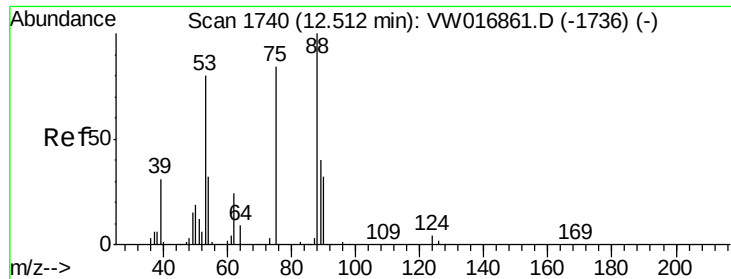
Tgt Ion:105 Resp: 735483

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 60.755 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

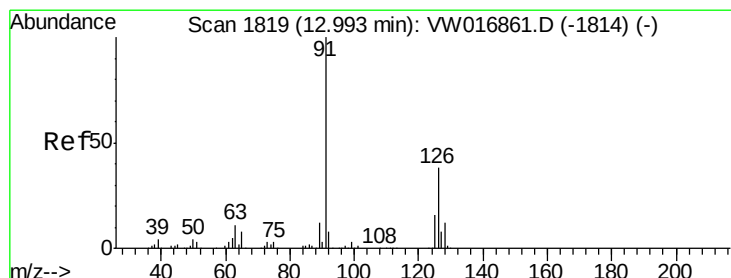
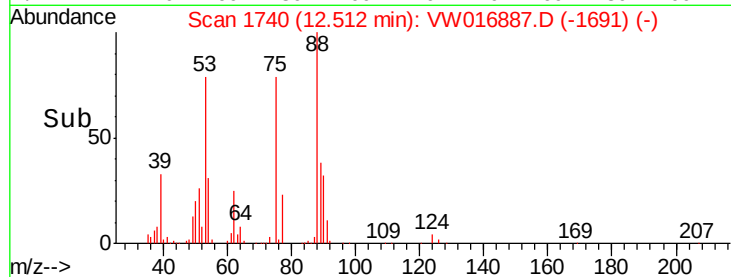
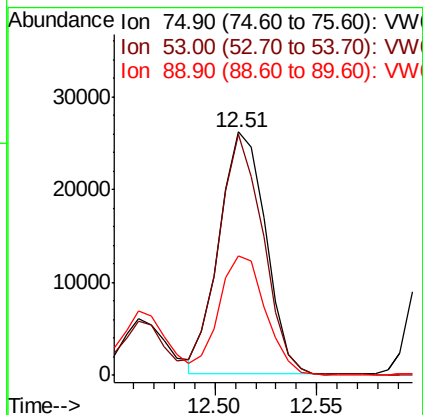
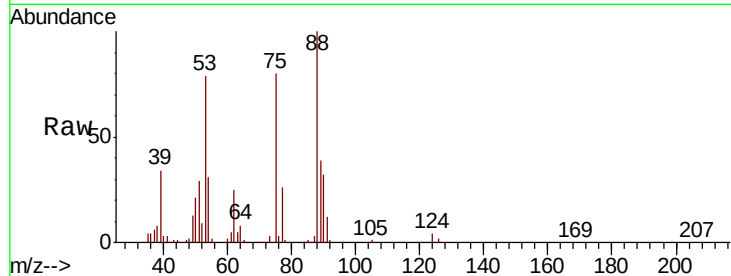
Tot Ion: 75 Resp: 41419

Ion Ratio Lower Upper

75 100

53 96.9 77.0 115.4

89 49.8 38.7 58.1



#82

4-Chlorotoluene

Concen: 52.989 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW016887.D

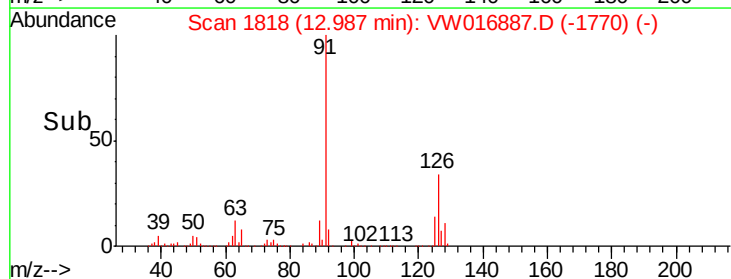
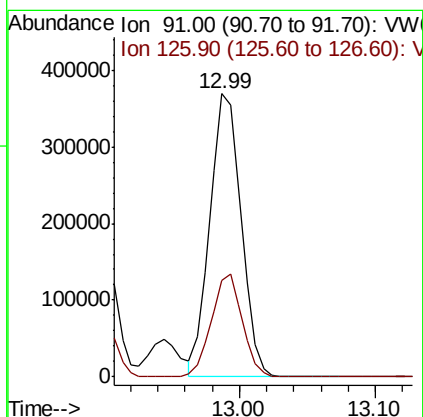
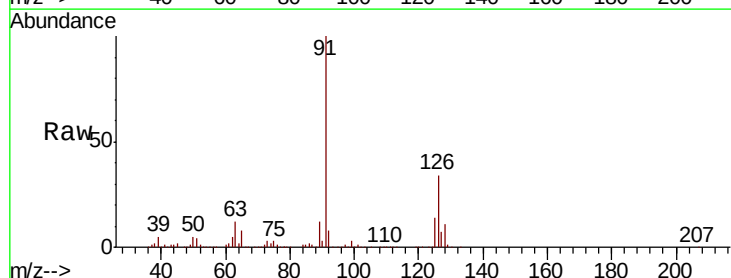
Acq: 12 Oct 2020 17:24

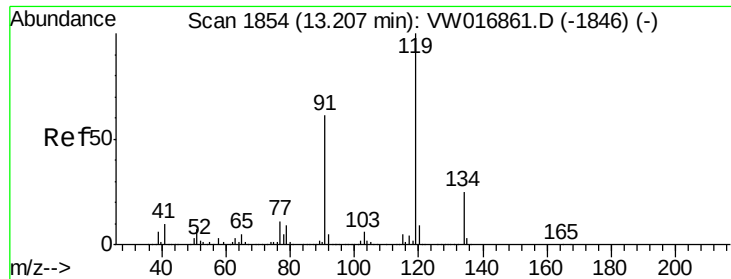
Tgt Ion: 91 Resp: 587411

Ion Ratio Lower Upper

91 100

126 36.1 18.1 54.3

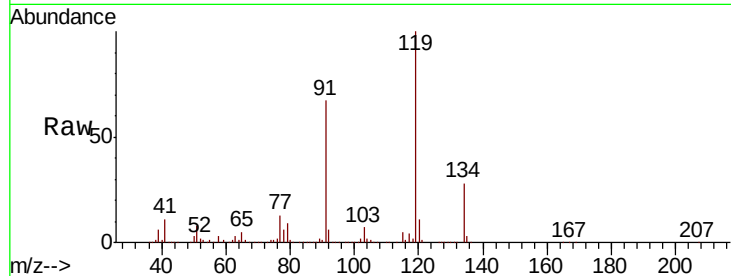




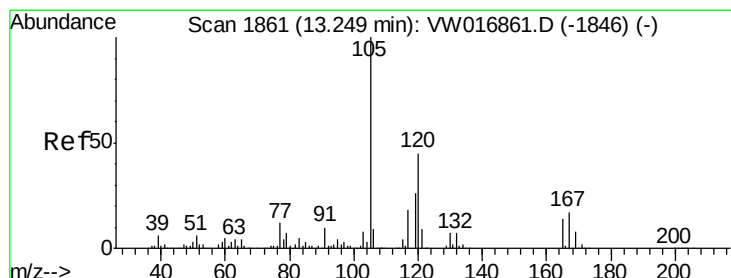
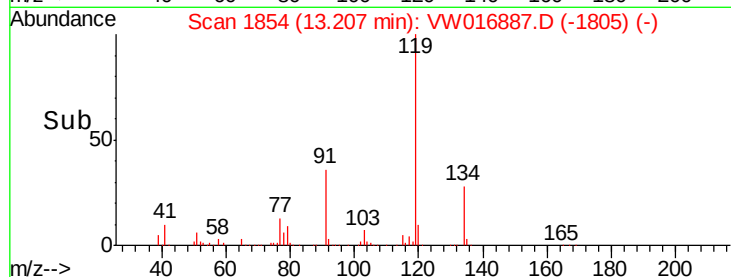
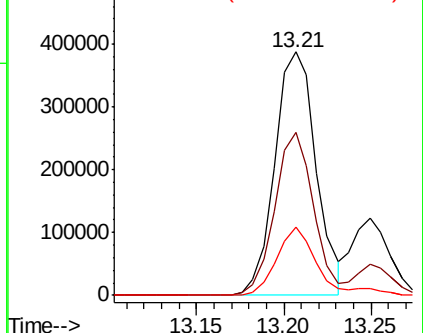
#83
tert-Butylbenzene
Concen: 53.728 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tot Ion:119 Resp: 638336
Ion Ratio Lower Upper
119 100
91 62.7 31.3 93.9
134 27.9 14.0 42.0

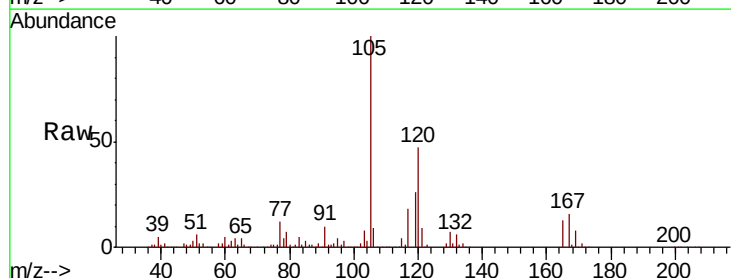


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

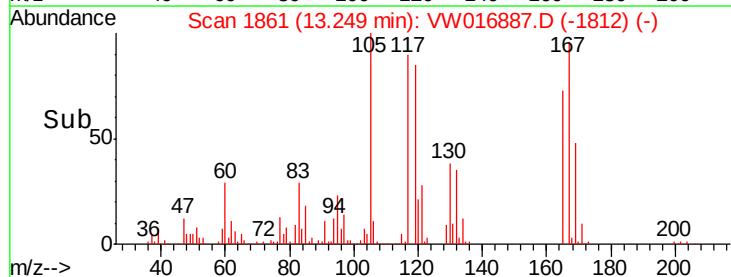
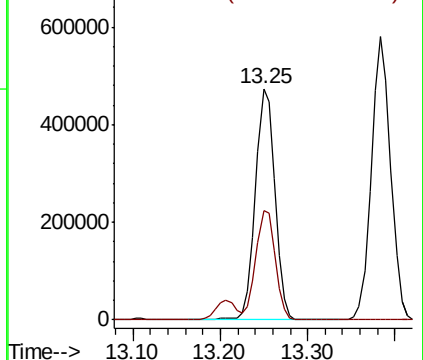


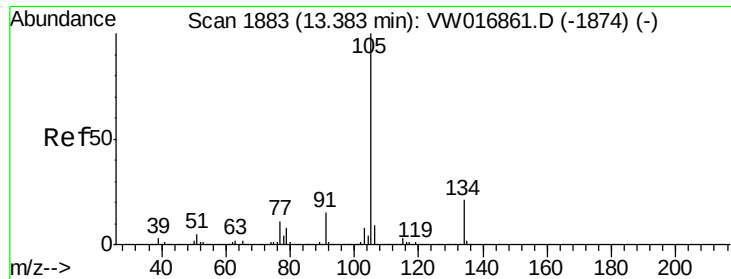
#84
1,2,4-Trimethylbenzene
Concen: 53.630 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion:105 Resp: 731014
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.0



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





#85

sec-Butylbenzene

Concen: 53.587 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

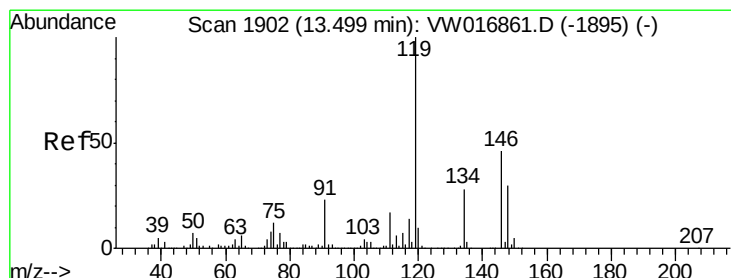
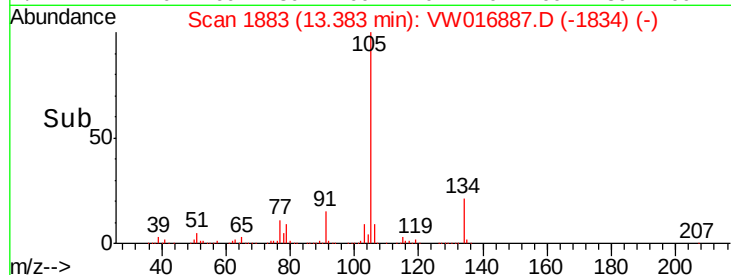
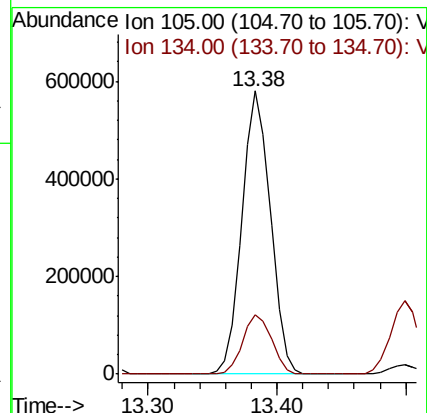
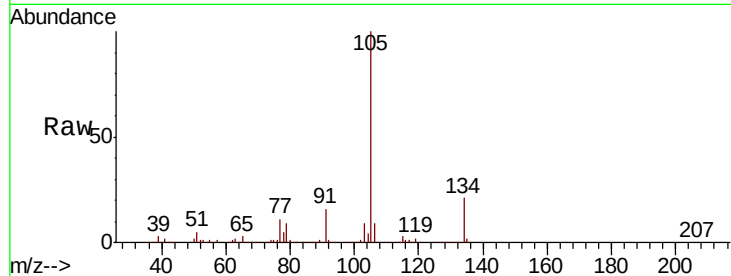
BFB

Tot Ion:105 Resp: 886210

Ion Ratio Lower Upper

105 100

134 21.5 10.6 31.8



#86

p-Isopropyltoluene

Concen: 54.782 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

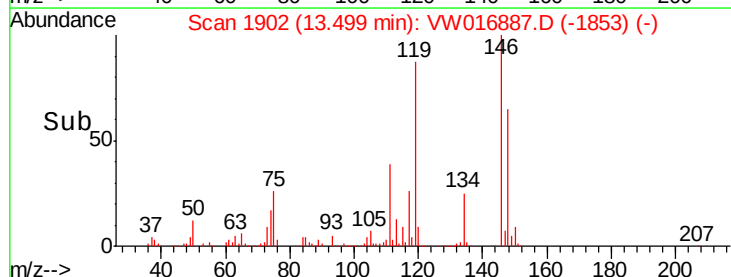
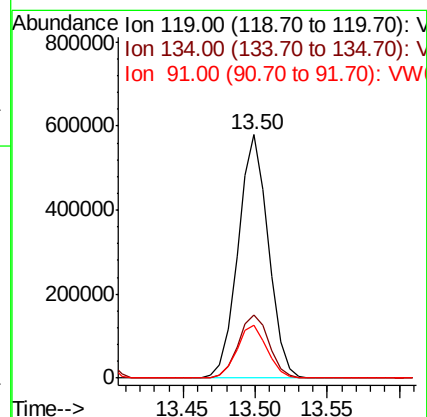
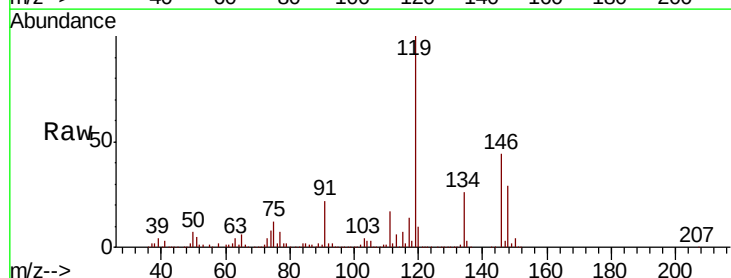
Tgt Ion:119 Resp: 843608

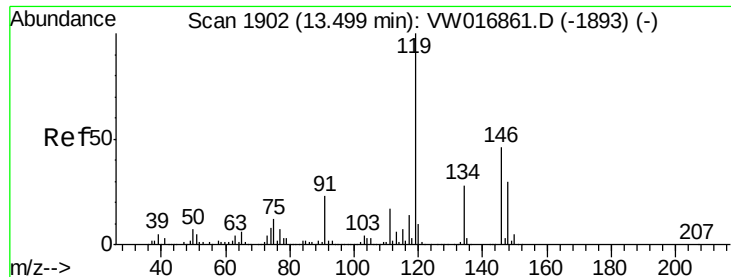
Ion Ratio Lower Upper

119 100

134 26.7 13.8 41.3

91 22.0 11.3 33.9

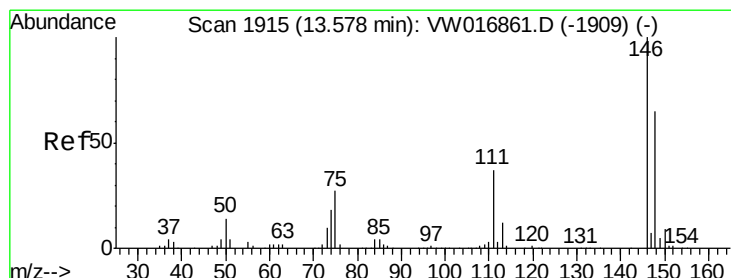
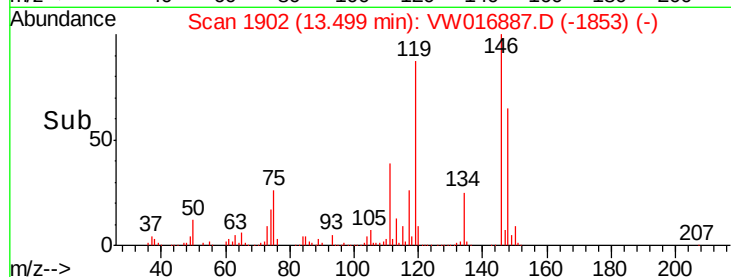
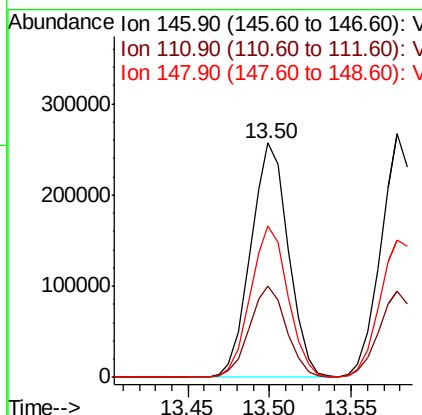
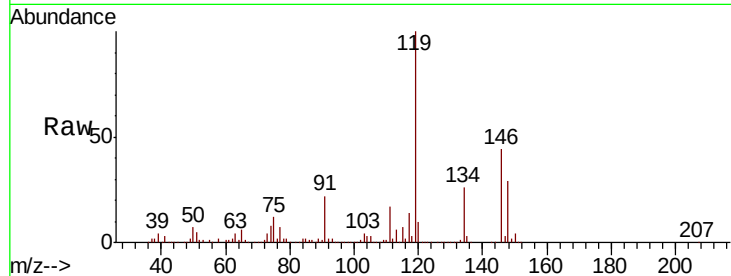




#87
 1,3-Dichlorobenzene
 Concen: 52.575 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

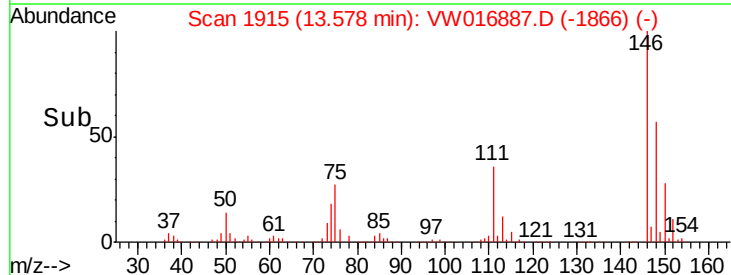
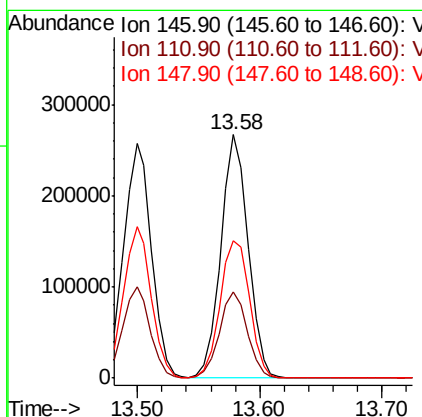
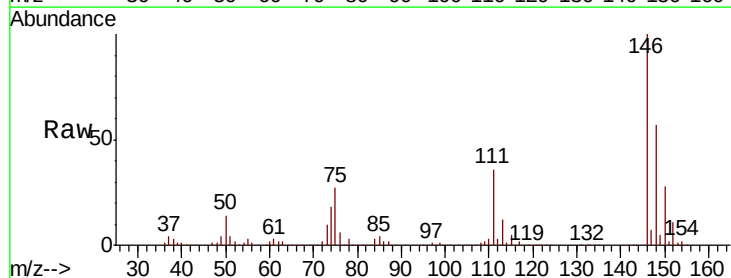
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

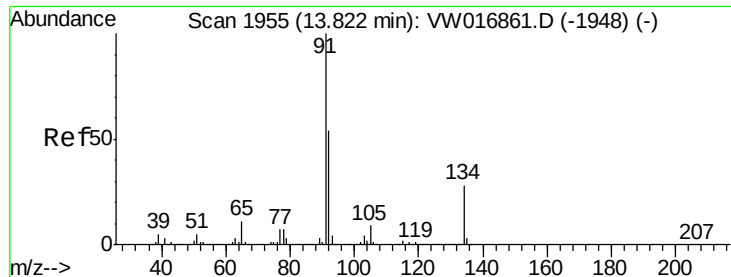
Tot Ion:146 Resp: 410230
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.5
 148 64.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 53.501 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Tgt Ion:146 Resp: 411382
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.5 55.5
 148 61.1 31.8 95.4





#89

n-Butylbenzene

Concen: 53.930 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016887.D

Acq: 12 Oct 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

BFB

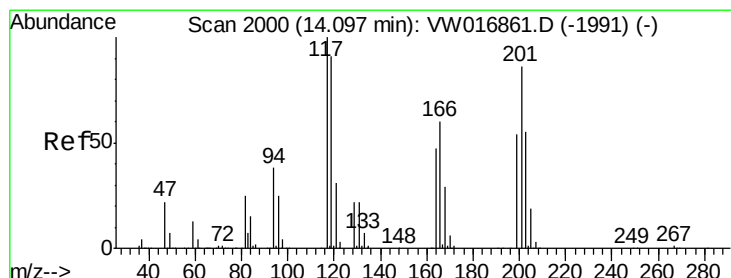
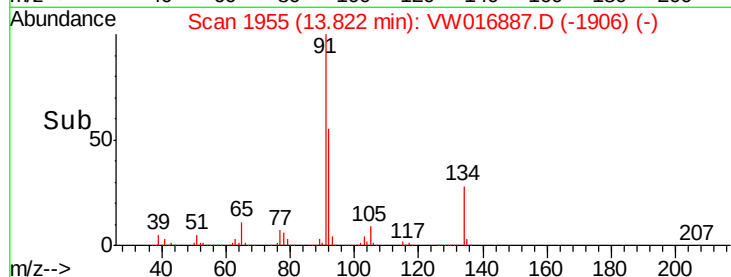
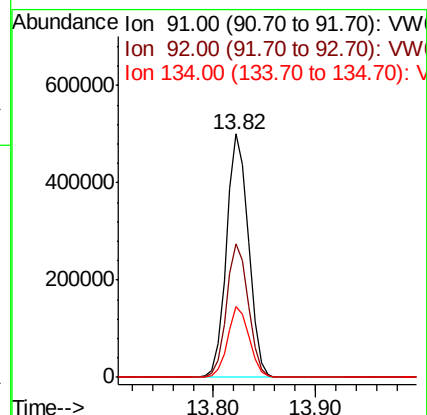
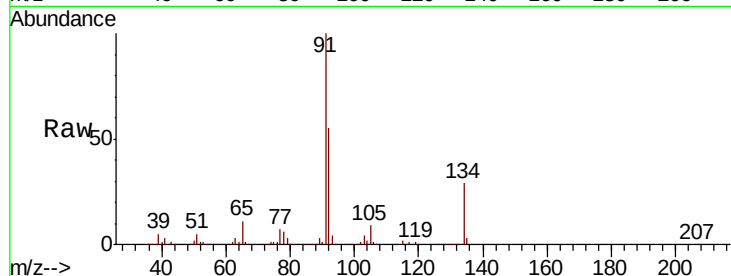
Tot Ion: 91 Resp: 748161

Ion Ratio Lower Upper

91 100

92 54.5 26.6 79.7

134 28.5 14.3 42.9



#90

Hexachloroethane

Concen: 55.959 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016887.D

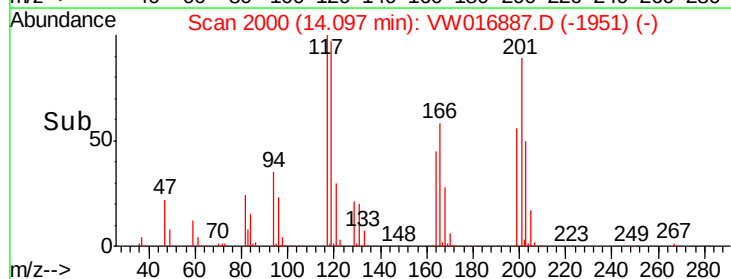
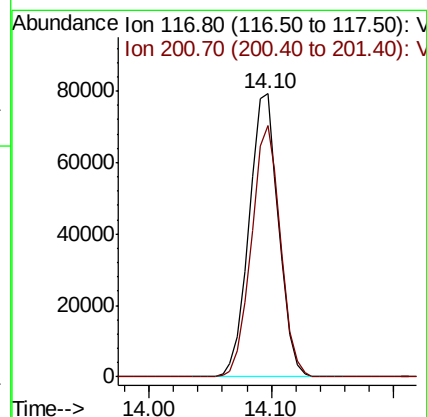
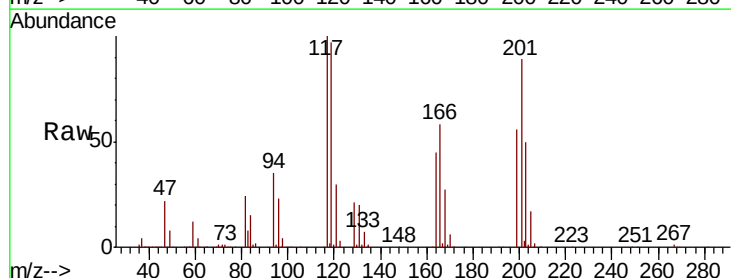
Acq: 12 Oct 2020 17:24

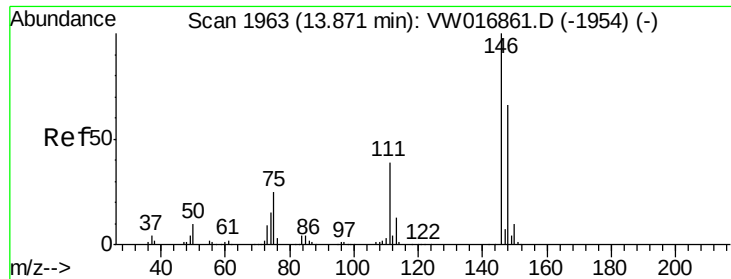
Tgt Ion: 117 Resp: 132967

Ion Ratio Lower Upper

117 100

201 87.1 41.9 125.7

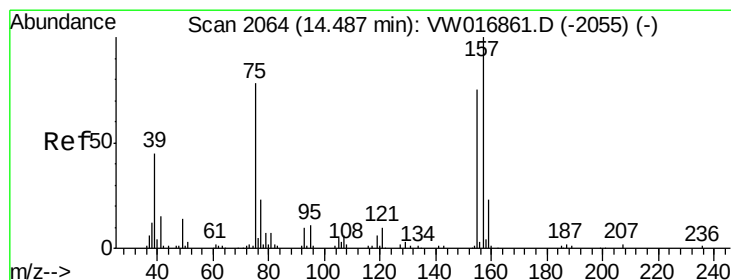
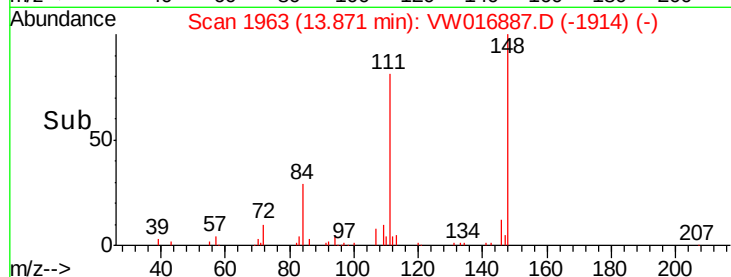
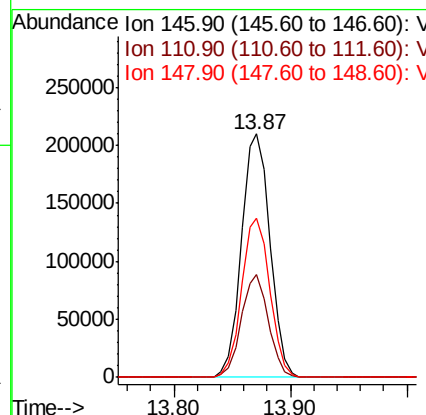
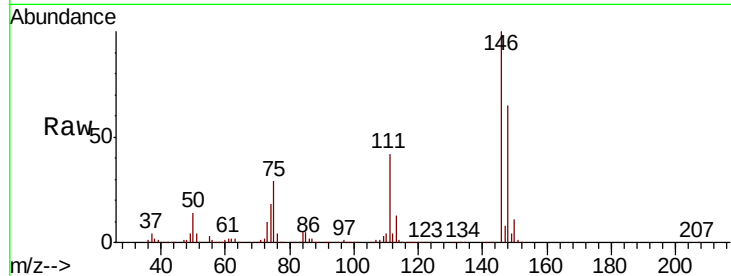




#91
 1,2-Dichlorobenzene
 Concen: 53.272 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

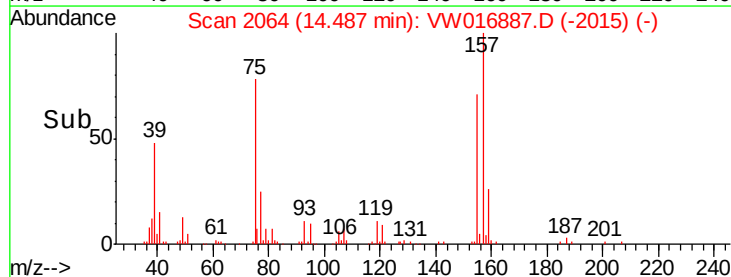
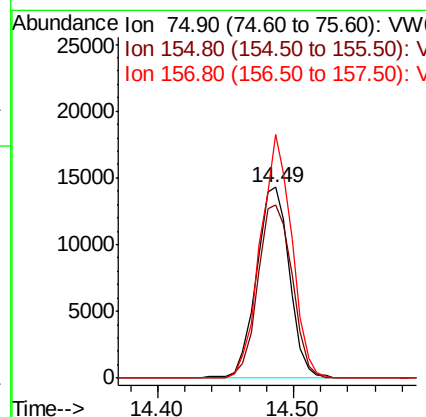
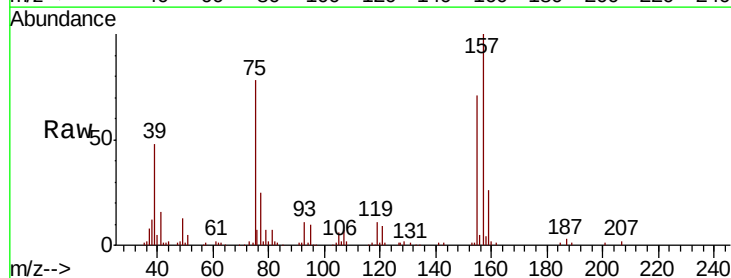
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

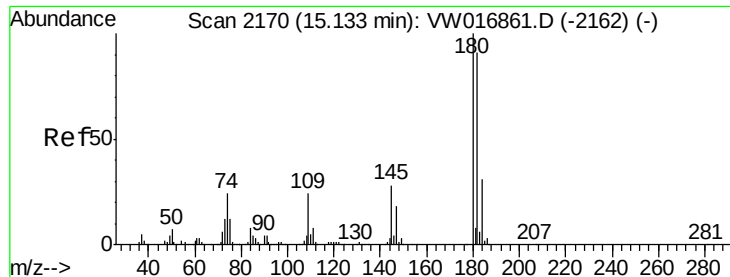
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.3
148	64.6	33.1	99.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.095 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	47.6	142.8
157	120.8	62.2	186.6

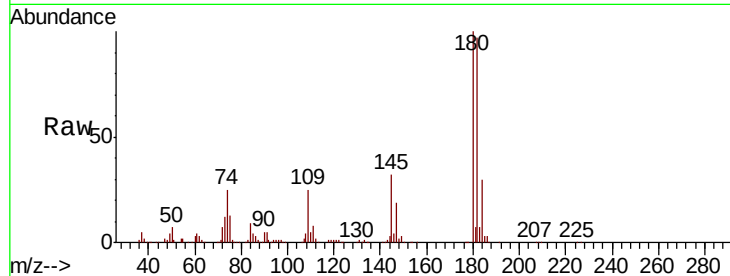




#93
 1,2,4-Trichlorobenzene
 Concen: 56.467 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.3	144.9
145	30.2	14.9	44.5

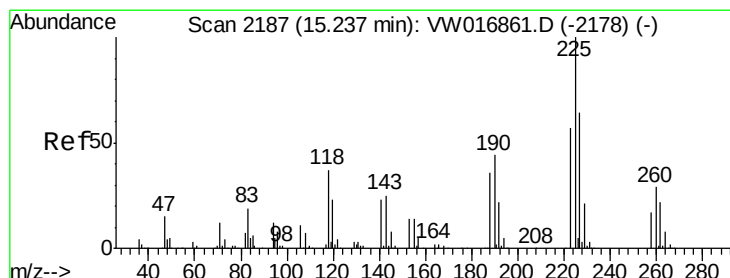
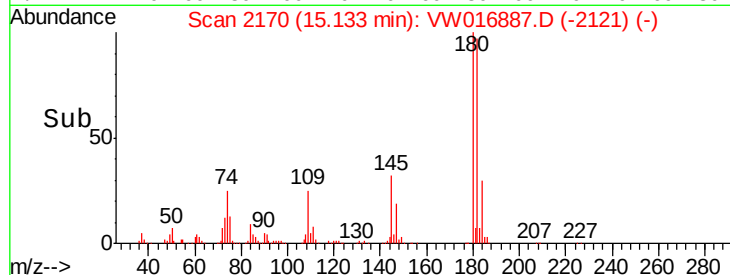
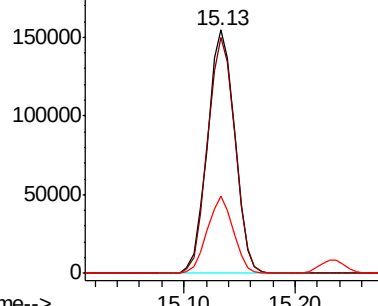


Abundance

Ion 179.80 (179.50 to 180.50): V

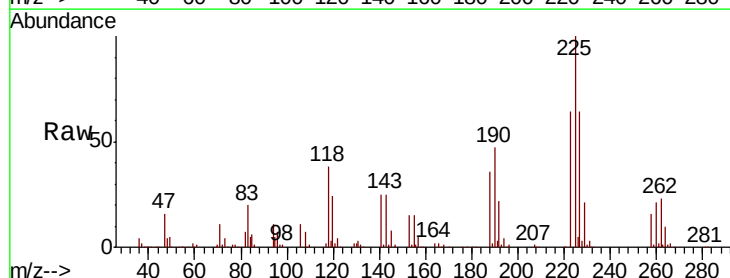
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.850 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016887.D
 Acq: 12 Oct 2020 17:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.9	95.7
227	60.4	33.0	99.0

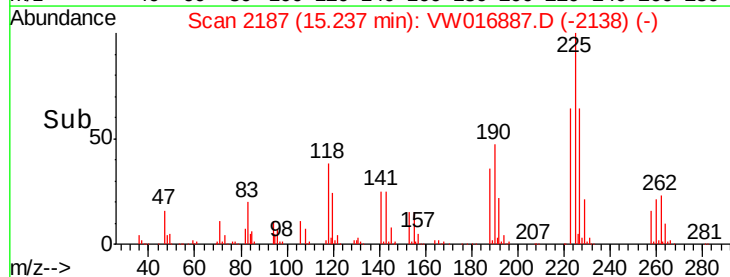
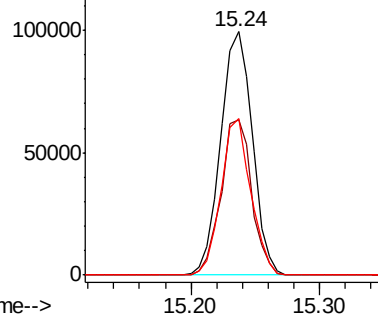


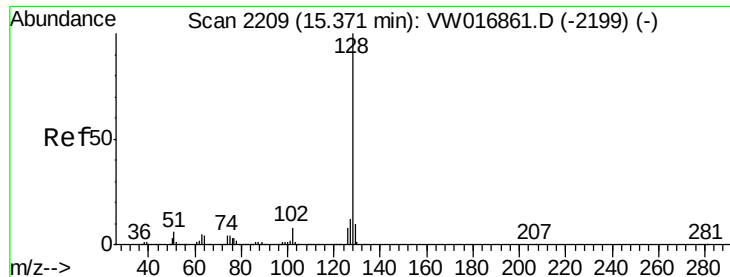
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

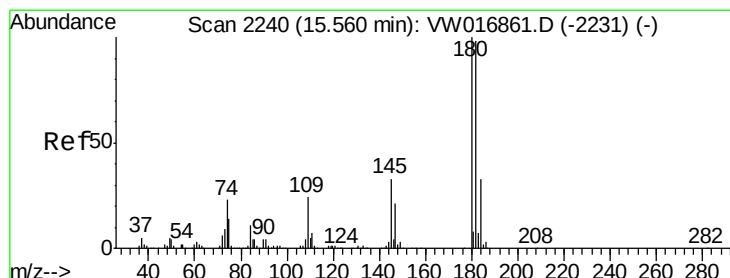
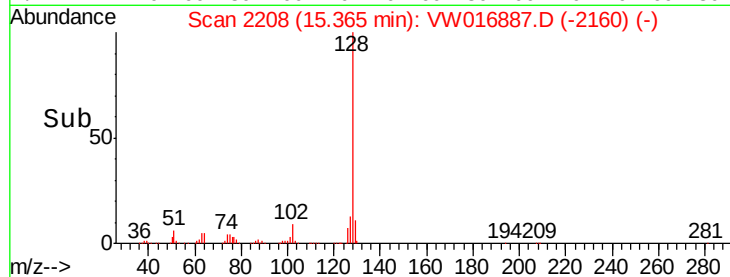
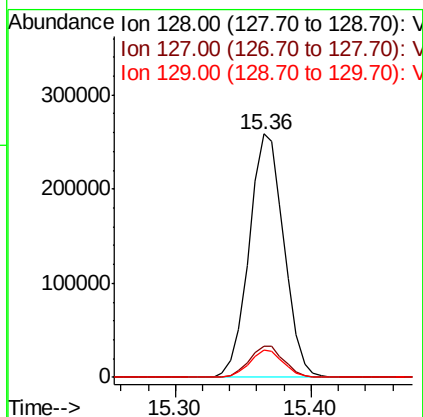
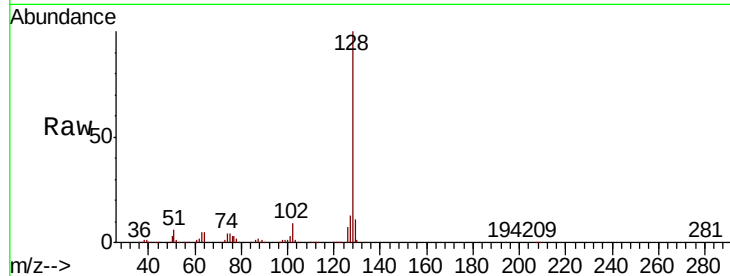




#95
Naphthalene
Concen: 61.335 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 57.112 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016887.D
Acq: 12 Oct 2020 17:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	49.4	148.2
145	31.3	16.3	48.9

