

Data File : VW002285.D

Acq On : 08 May 2018 02:41

Operator : JC/SY

Sample : VSTDICV050

Misc : 5.00G/5ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Quant Time: May 08 04:03:37 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134132	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.88	113	126249	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.33	98	482084	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.63	95	176908	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46606	50.11	ug/l	94
3) Chloromethane	2.21	50	105573	55.90	ug/l	99
4) Vinyl Chloride	2.36	62	173381	55.66	ug/l	97
5) Bromomethane	2.78	94	128445	51.27	ug/l	98
6) Chloroethane	2.92	64	113140	53.83	ug/l	95
7) Trichlorofluoromethane	3.25	101	73951	58.13	ug/l	92
8) Diethyl Ether	3.67	74	68143	47.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	110966	49.40	ug/l	99
10) Methyl Iodide	4.26	142	186056	51.04	ug/l	99
11) Tert butyl alcohol	5.18	59	47312	249.08	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	110543	49.63	ug/l	97
13) Acrolein	3.89	56	38519	242.21	ug/l	99
14) Allyl chloride	4.66	41	173112	52.89	ug/l	99
15) Acrylonitrile	5.36	53	140158	250.93	ug/l	98
16) Acetone	4.12	43	130322	255.35	ug/l	92
17) Carbon Disulfide	4.37	76	328162	50.67	ug/l	97
18) Methyl Acetate	4.67	43	77137	50.38	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	202025	51.88	ug/l	100
20) Methylene Chloride	4.90	84	117761	47.86	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	121350	50.47	ug/l	98
22) Diisopropyl ether	6.31	45	374828	52.24	ug/l	99
23) Vinyl Acetate	6.25	43	1123328	261.43	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221752	50.97	ug/l	98
25) 2-Butanone	7.17	43	187812	247.83	ug/l	100
26) 2,2-Dichloropropane	7.17	77	107821	49.72	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	136394	50.33	ug/l	98
28) Bromochloromethane	7.51	49	96733	49.16	ug/l	96
29) Tetrahydrofuran	7.53	42	122225	245.91	ug/l	100
30) Chloroform	7.67	83	229419	50.36	ug/l	100
31) Cyclohexane	7.95	56	188426	48.52	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	176823	51.65	ug/l	98
36) 1,1-Dichloropropene	8.08	75	173494	50.39	ug/l	100
37) Ethyl Acetate	7.26	43	84072	50.11	ug/l	99
38) Carbon Tetrachloride	8.07	117	167140	50.20	ug/l	99

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Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	204000	50.77	ug/l	98
40) Benzene	8.32	78	505473	50.22	ug/l	100
41) Methacrylonitrile	7.48	41	47184	49.07	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	159000	50.66	ug/l	98
43) Isopropyl Acetate	8.43	43	164448	51.66	ug/l	99
44) Trichloroethene	9.09	130	137675	50.18	ug/l	100
45) 1,2-Dichloropropane	9.37	63	127709	50.65	ug/l	96
46) Dibromomethane	9.46	93	71769	50.92	ug/l	98
47) Bromodichloromethane	9.65	83	172392	51.83	ug/l	99
48) Methyl methacrylate	9.44	41	79134	51.20	ug/l	98
49) 1,4-Dioxane	9.45	88	24292	1084.90	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	437413	249.10	ug/l	99
52) Toluene	10.40	92	324430	50.76	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	169438	51.81	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	192091	51.37	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98514	49.64	ug/l	98
56) Ethyl methacrylate	10.65	69	128627	52.43	ug/l	99
57) 1,3-Dichloropropane	10.94	76	169709	50.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	307816	258.50	ug/l	100
59) 2-Hexanone	10.98	43	308225	256.61	ug/l	99
60) Dibromochloromethane	11.13	129	121554	51.89	ug/l	98
61) 1,2-Dibromoethane	11.24	107	99367	51.22	ug/l	97
64) Tetrachloroethene	10.87	164	139238	50.99	ug/l	97
65) Chlorobenzene	11.66	112	364799	50.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	132979	51.47	ug/l	99
67) Ethyl Benzene	11.74	91	635017	50.96	ug/l	100
68) m/p-Xylenes	11.85	106	494418	102.84	ug/l	100
69) o-Xylene	12.18	106	236198	51.66	ug/l	100
70) Styrene	12.19	104	392590	51.71	ug/l	99
71) Bromoform	12.36	173	76073	51.34	ug/l	100
73) Isopropylbenzene	12.48	105	645197	50.92	ug/l	100
74) N-amyl acetate	12.29	43	164118	51.76	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	119623	48.85	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	155265	89.76	ug/l #	1
77) Bromobenzene	12.76	156	160163	50.15	ug/l	99
78) n-propylbenzene	12.82	91	774105	51.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	441385	51.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	549444	51.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32960	50.19	ug/l	98
82) 4-Chlorotoluene	13.00	91	471162	51.22	ug/l	99
83) tert-Butylbenzene	13.22	119	478414	52.14	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	573746	51.92	ug/l	100
85) sec-Butylbenzene	13.40	105	681725	52.04	ug/l	99
86) p-Isopropyltoluene	13.51	119	614212	52.44	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	318883	50.44	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	317269	50.27	ug/l	99
89) n-Butylbenzene	13.83	91	575680	52.52	ug/l	100
90) Hexachloroethane	14.10	117	111636	53.30	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	288925	50.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	21153	49.96	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
Quantitation Report (Not Reviewed)

Data File : VW002285.D
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Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

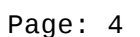
Quant Time: May 08 04:03:37 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

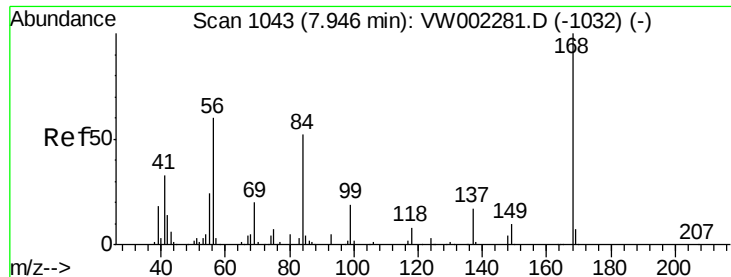
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	206025	50.25	ug/l	99
94) Hexachlorobutadiene	15.26	225	114595	50.17	ug/l	99
95) Naphthalene	15.38	128	390272	51.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	182947	49.75	ug/l	100

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

ALS Vial : 1 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

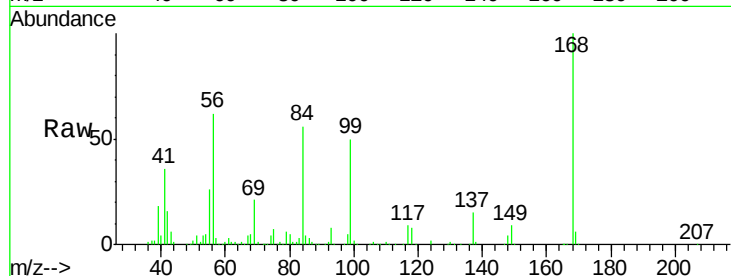
BFB

Tgt Ion:168 Resp: 246089

Ion Ratio Lower Upper

168 100

99 49.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

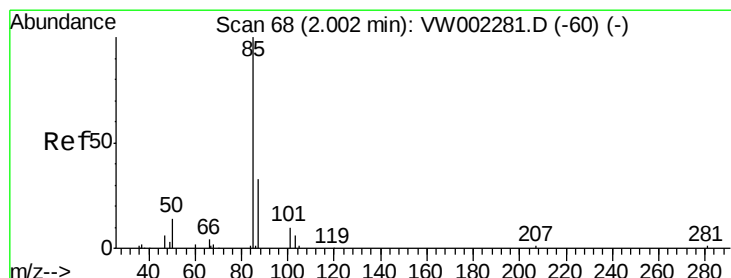
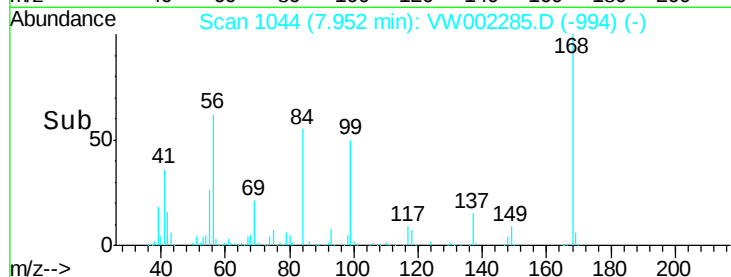
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.11 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002285.D

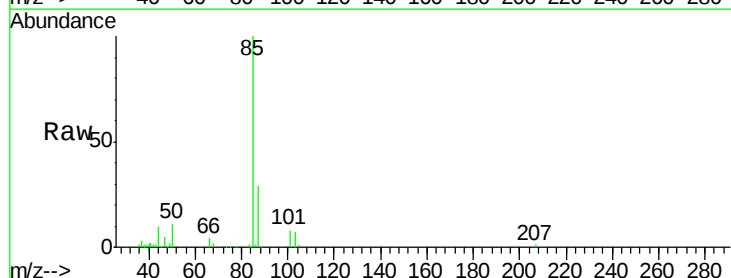
Acq: 08 May 2018 02:41

Tgt Ion: 85 Resp: 46606

Ion Ratio Lower Upper

85 100

87 29.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

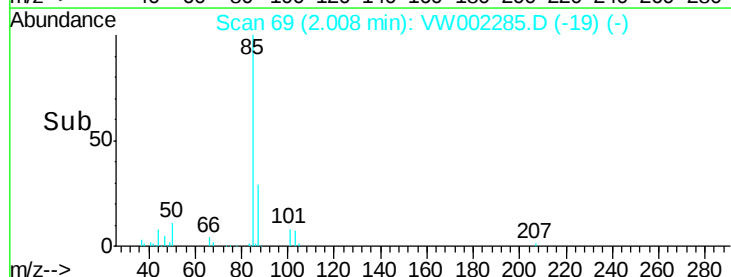
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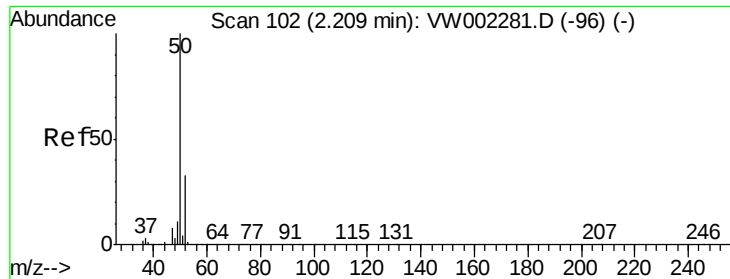
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5000

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Time-->

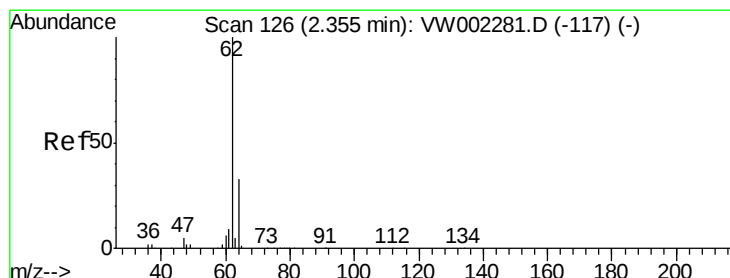
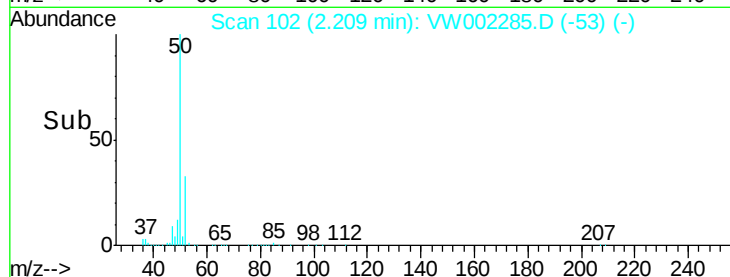
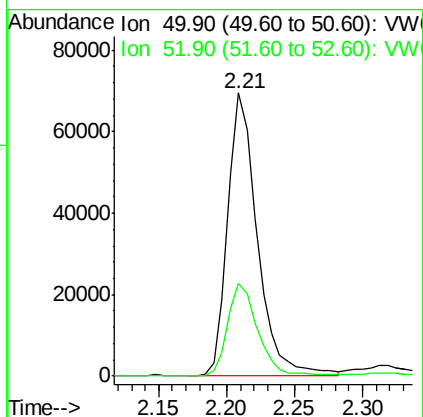
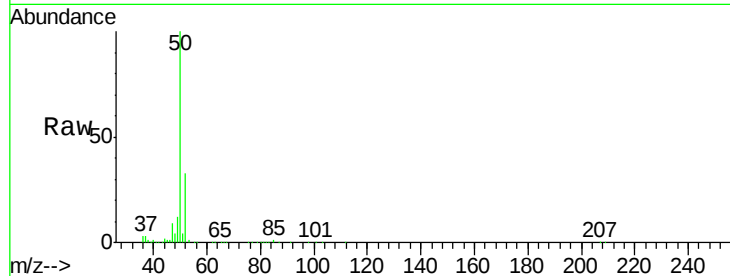




#3
Chloromethane
Concen: 55.90 ug/l
RT: 2.21 min Scan# 102
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

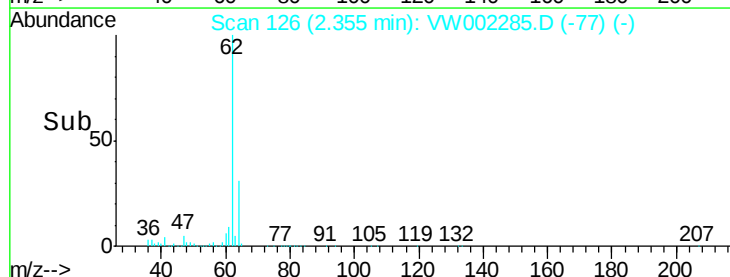
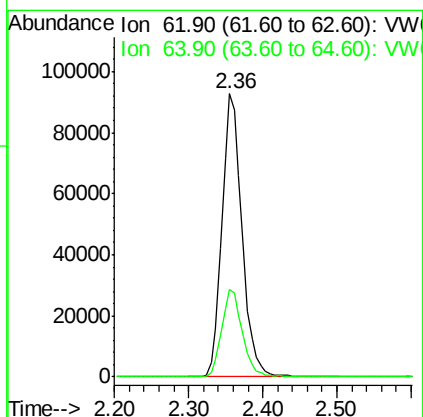
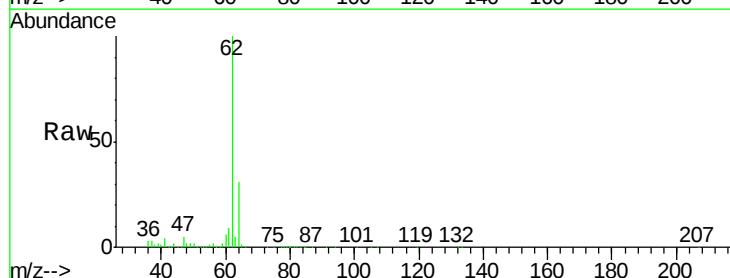
Instrument :
MSVOA_W
ClientSampleId :
BFB

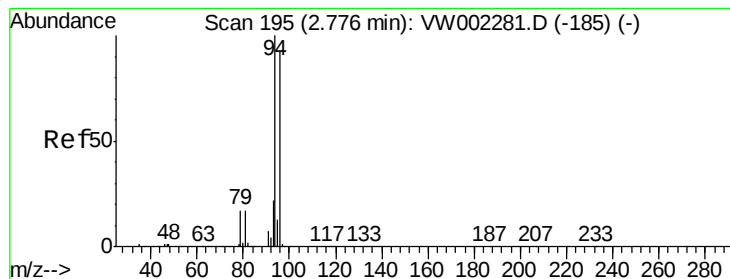
Tgt Ion: 50 Resp: 105573
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



#4
Vinyl Chloride
Concen: 55.66 ug/l
RT: 2.36 min Scan# 126
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion: 62 Resp: 173381
Ion Ratio Lower Upper
62 100
64 31.0 26.1 39.1





#5

Bromomethane

Concen: 51.27 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

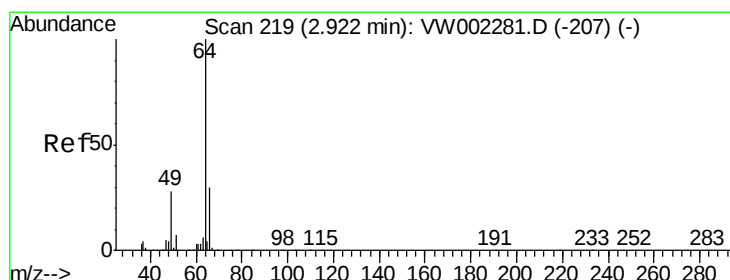
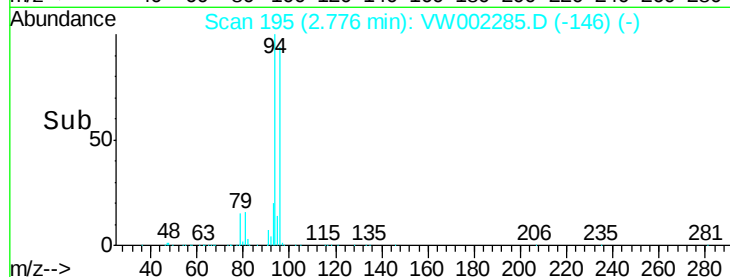
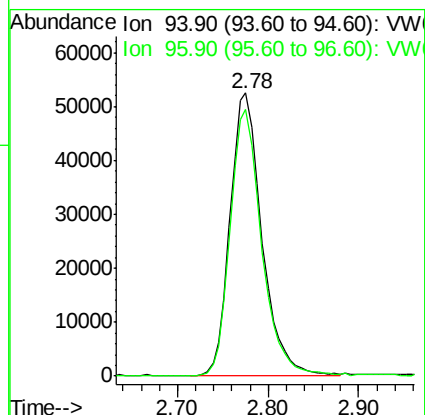
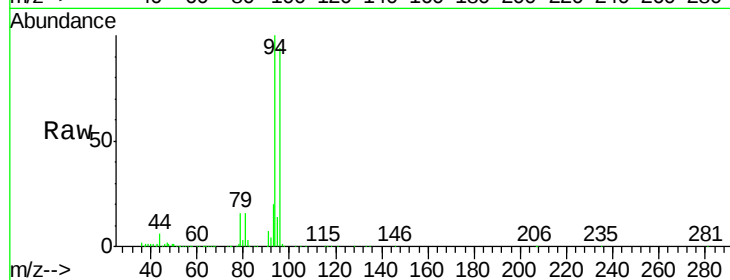
BFB

Tgt Ion: 94 Resp: 128445

Ion Ratio Lower Upper

94 100

96 93.9 73.6 110.4



#6

Chloroethane

Concen: 53.83 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW002285.D

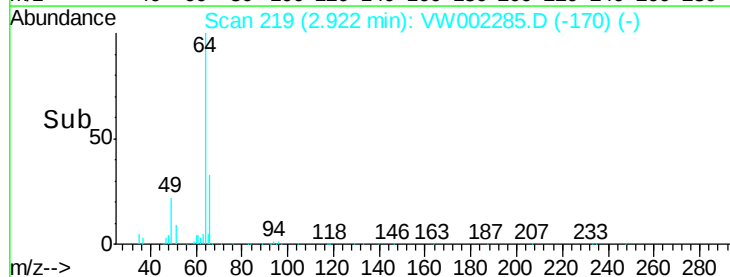
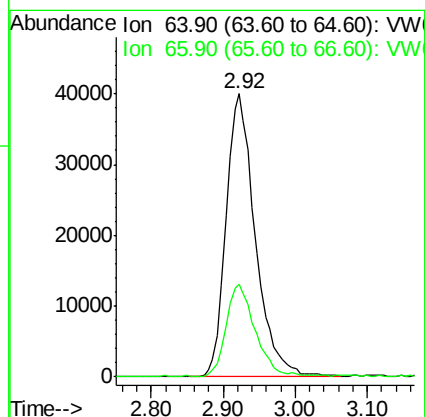
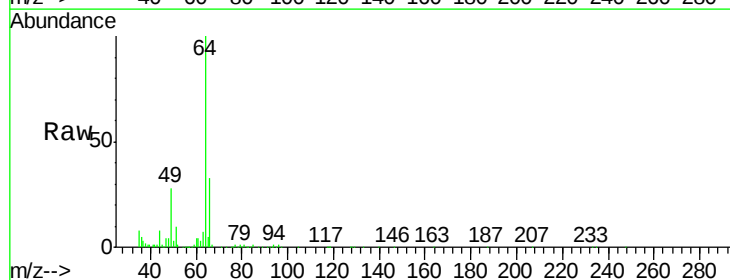
Acq: 08 May 2018 02:41

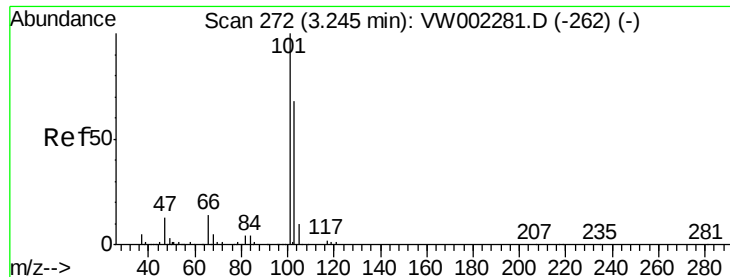
Tgt Ion: 64 Resp: 113140

Ion Ratio Lower Upper

64 100

66 32.5 23.8 35.6



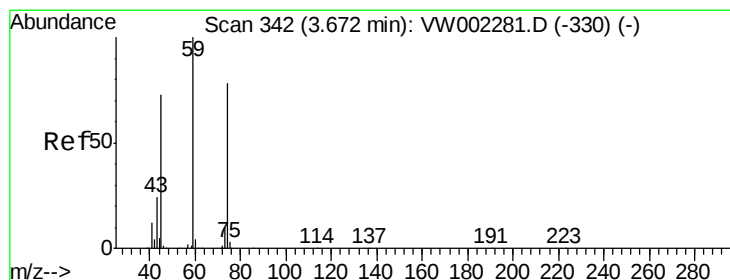
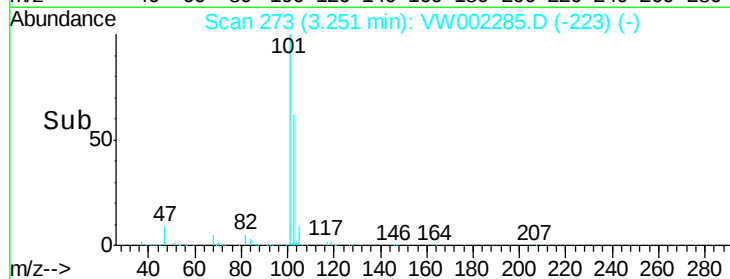
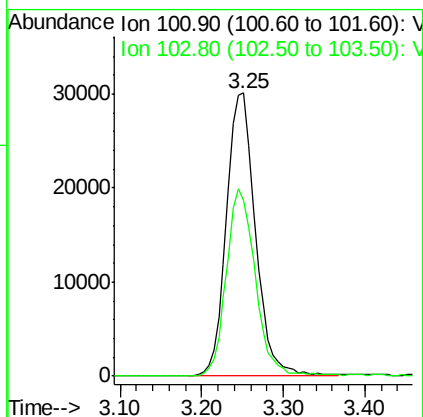
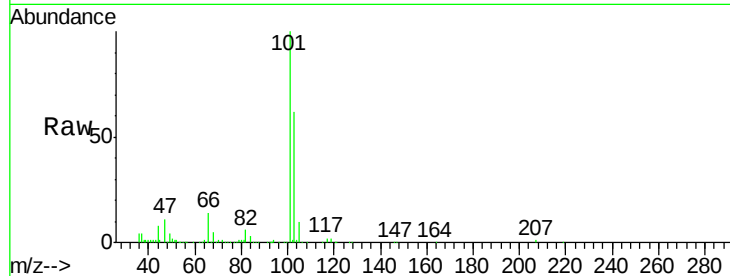


#7

Trichlorofluoromethane
 Concen: 58.13 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

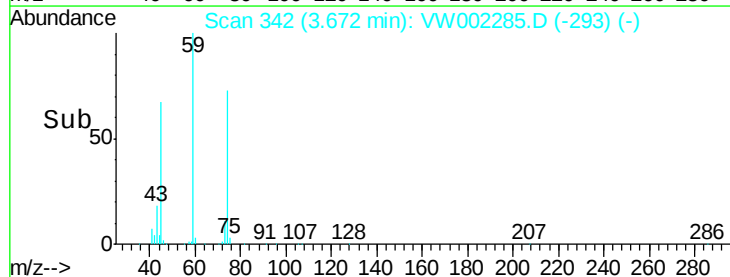
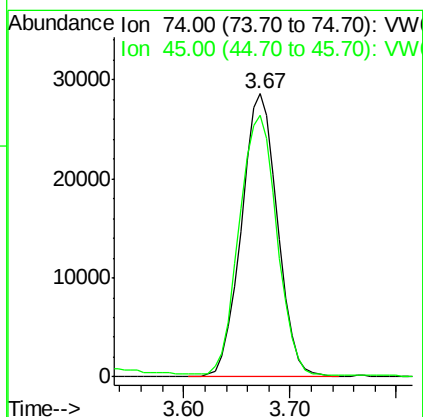
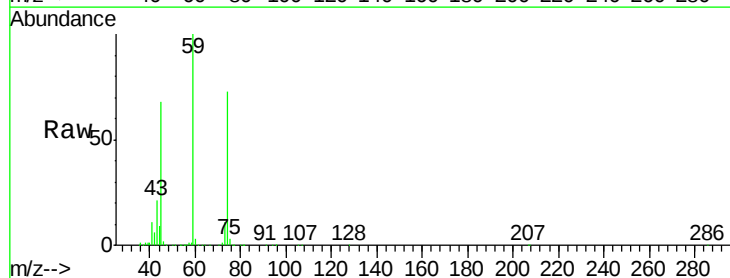
Tgt Ion:101 Resp: 73951
 Ion Ratio Lower Upper
 101 100
 103 62.2 54.6 82.0

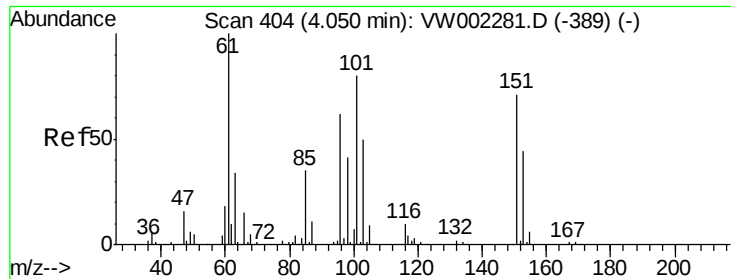


#8

Diethyl Ether
 Concen: 47.85 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion: 74 Resp: 68143
 Ion Ratio Lower Upper
 74 100
 45 96.2 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.40 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

BFB

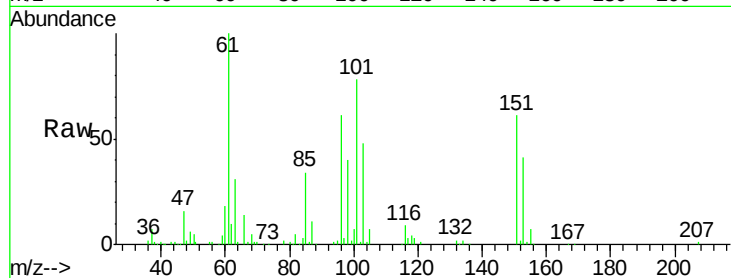
Tgt Ion:101 Resp: 110966

Ion Ratio Lower Upper

101 100

85 45.5 35.9 53.9

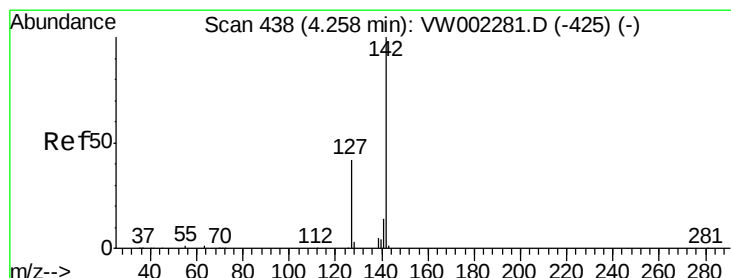
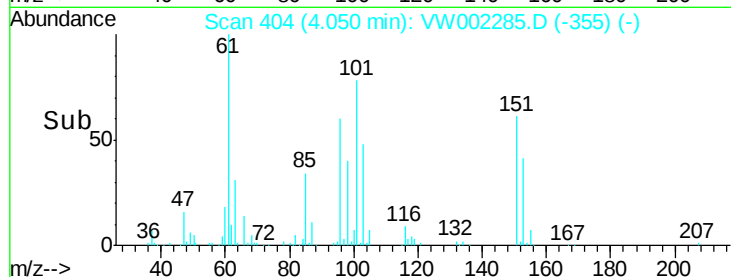
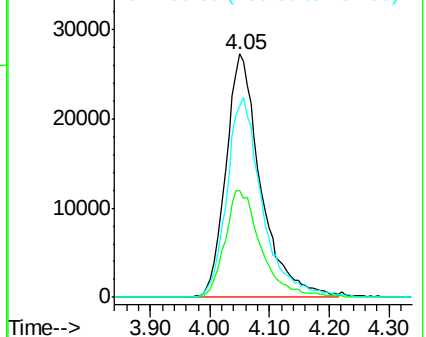
151 83.4 65.4 98.2



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: 51.04 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

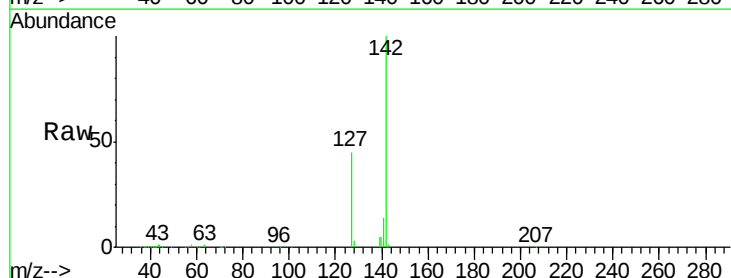
Tgt Ion:142 Resp: 186056

Ion Ratio Lower Upper

142 100

127 44.4 34.7 52.1

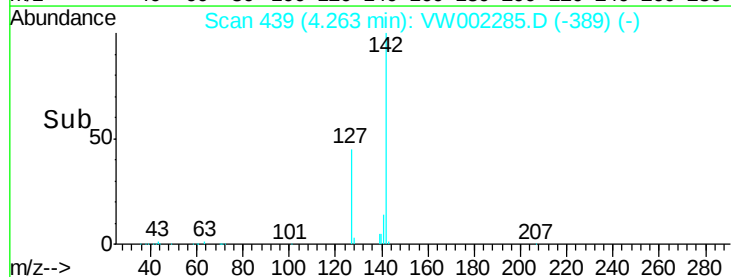
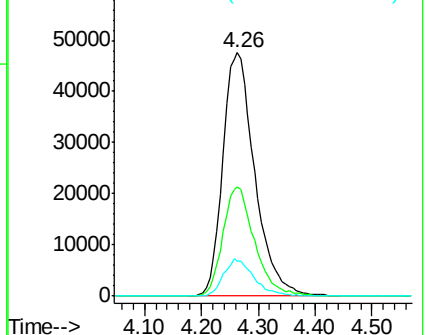
141 14.5 11.9 17.9

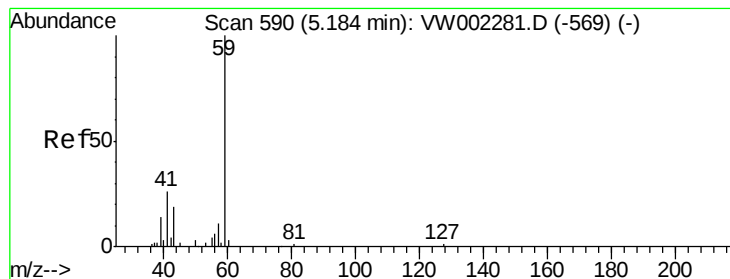


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 249.08 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

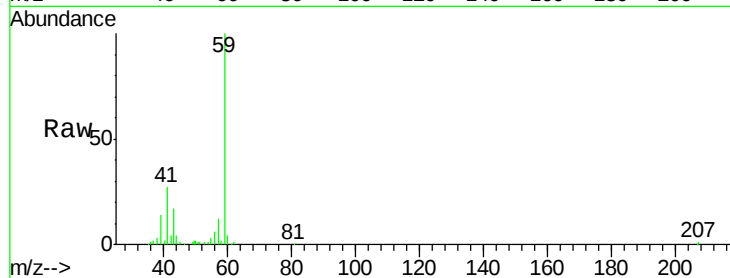
BFB

Tgt Ion: 59 Resp: 47312

Ion Ratio Lower Upper

59 100

57 11.0 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

15000

10000

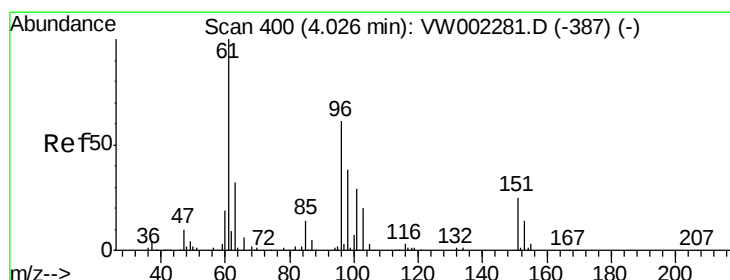
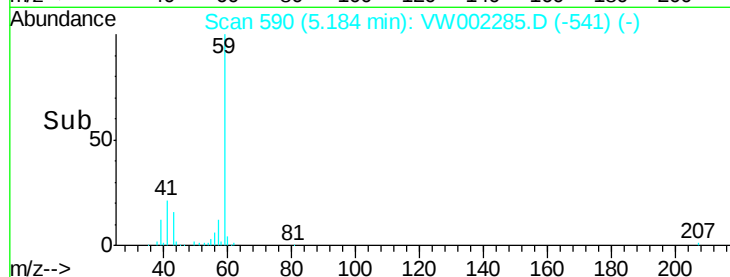
5000

0

Time-->

5.00 5.10 5.20 5.30

5.18



#12

1,1-Dichloroethene

Concen: 49.63 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

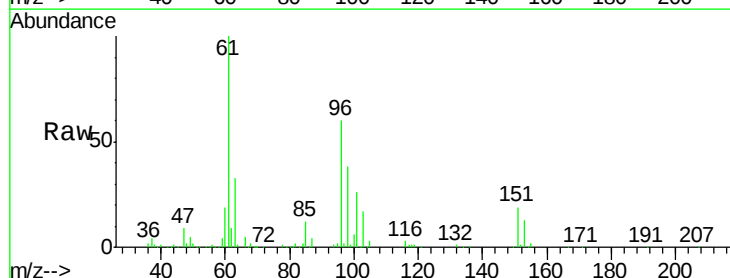
Tgt Ion: 96 Resp: 110543

Ion Ratio Lower Upper

96 100

61 167.8 130.6 196.0

98 63.0 49.0 73.4



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

60000

40000

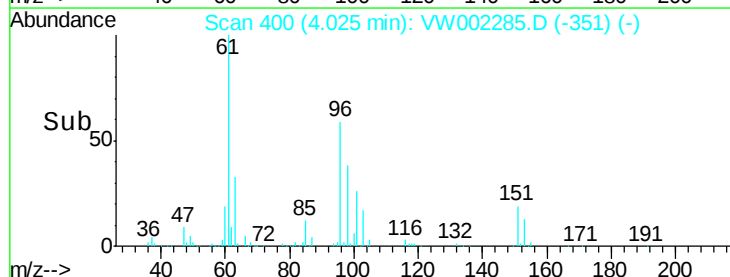
20000

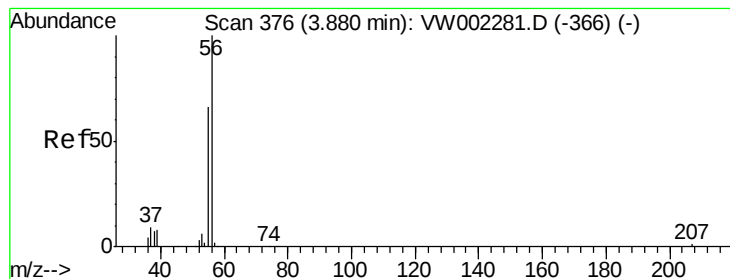
0

Time-->

3.90 4.00 4.10 4.20

4.03





#13

Acrolein

Concen: 242.21 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

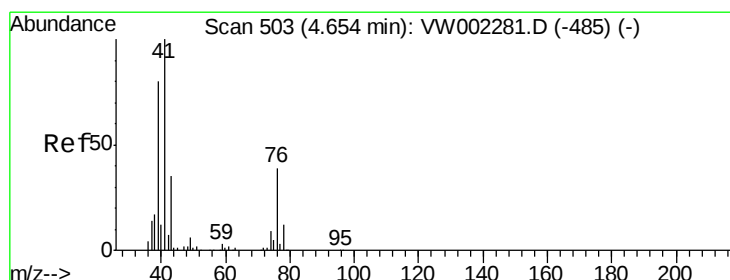
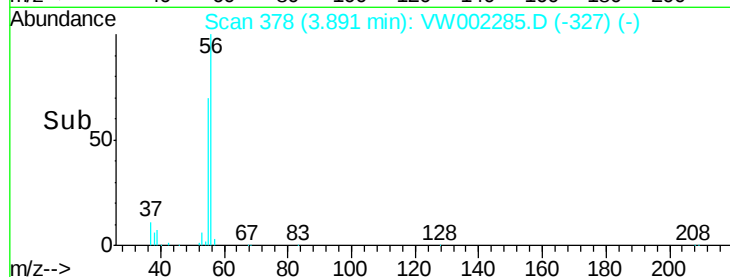
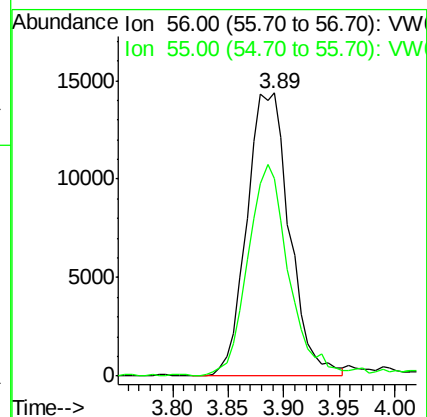
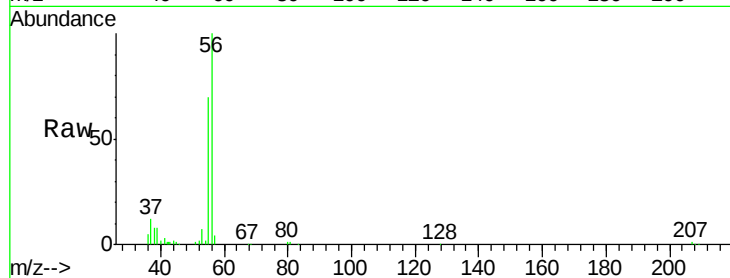
BFB

Tgt Ion: 56 Resp: 38519

Ion Ratio Lower Upper

56 100

55 71.1 57.3 85.9



#14

Allyl chloride

Concen: 52.89 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

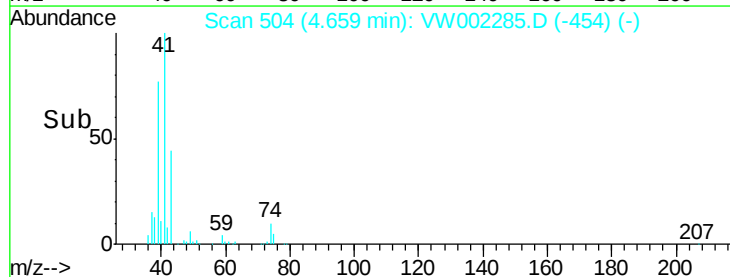
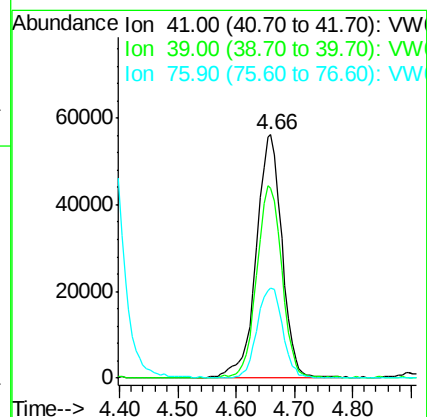
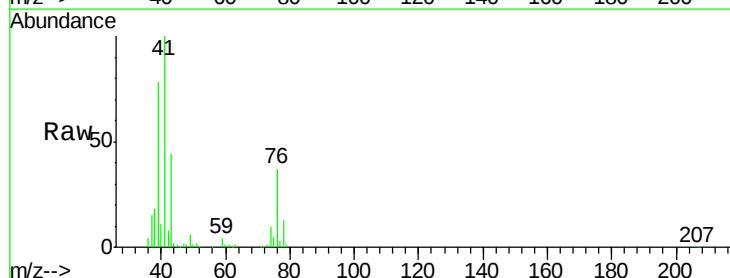
Tgt Ion: 41 Resp: 173112

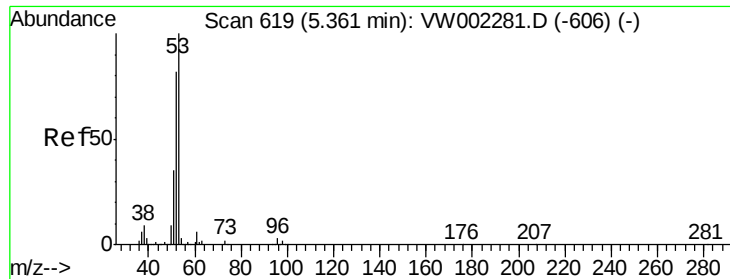
Ion Ratio Lower Upper

41 100

39 77.3 61.7 92.5

76 36.5 29.8 44.6





#15

Acrylonitrile

Concen: 250.93 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

BFB

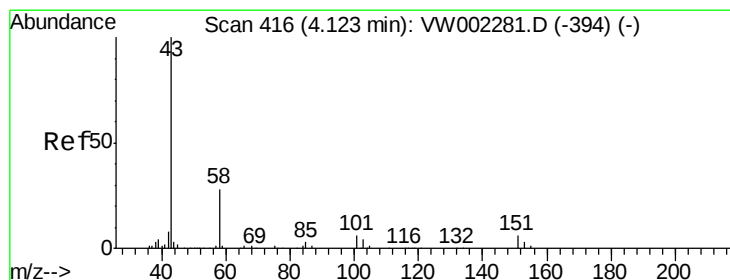
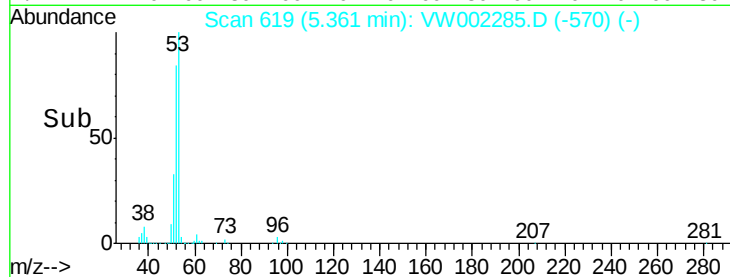
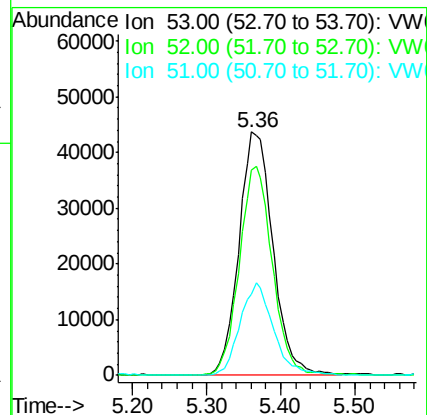
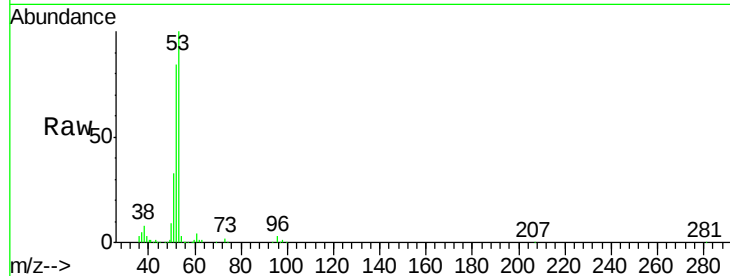
Tgt Ion: 53 Resp: 140158

Ion Ratio Lower Upper

53 100

52 83.0 67.9 101.9

51 37.6 30.0 45.0



#16

Acetone

Concen: 255.35 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002285.D

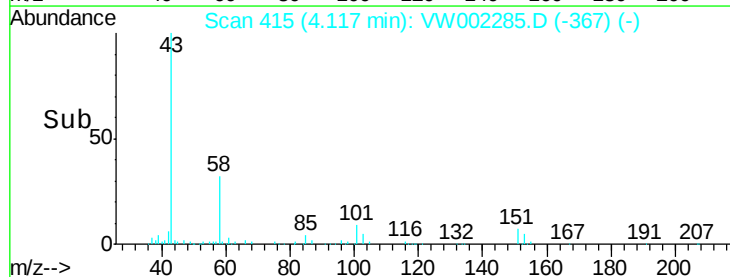
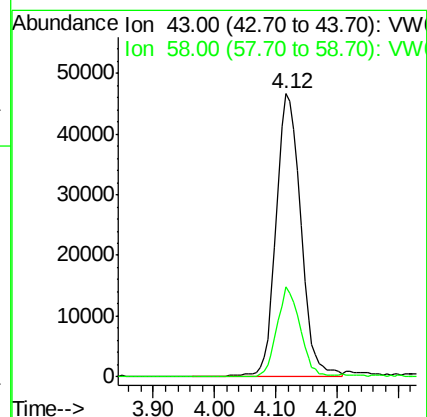
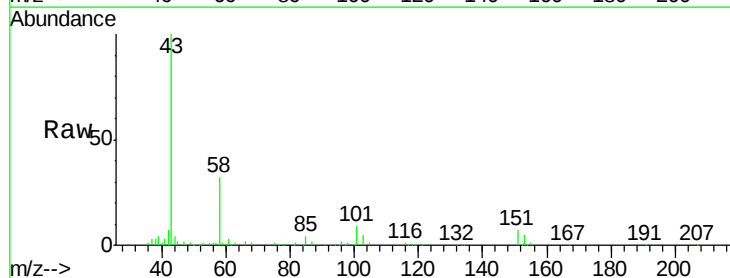
Acq: 08 May 2018 02:41

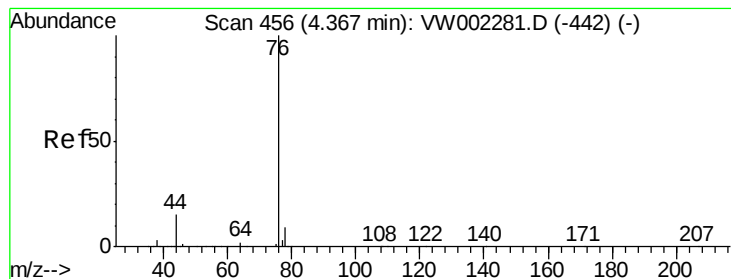
Tgt Ion: 43 Resp: 130322

Ion Ratio Lower Upper

43 100

58 31.7 22.2 33.4





#17

Carbon Disulfide

Concen: 50.67 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

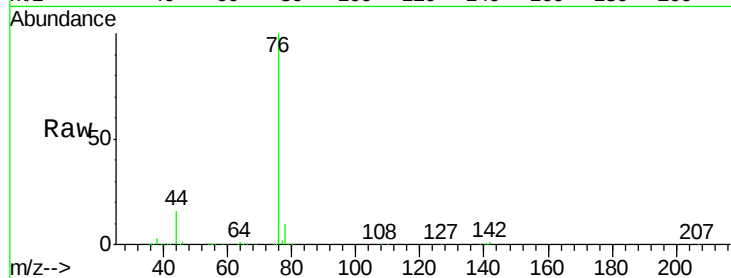
BFB

Tgt Ion: 76 Resp: 328162

Ion Ratio Lower Upper

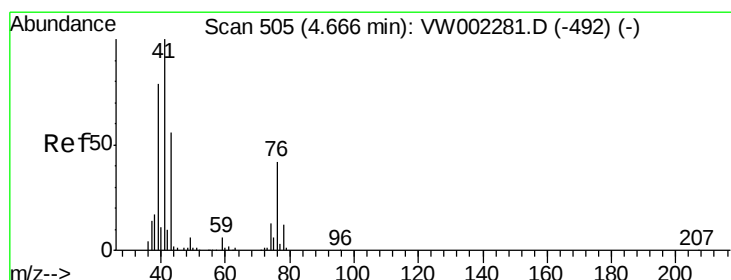
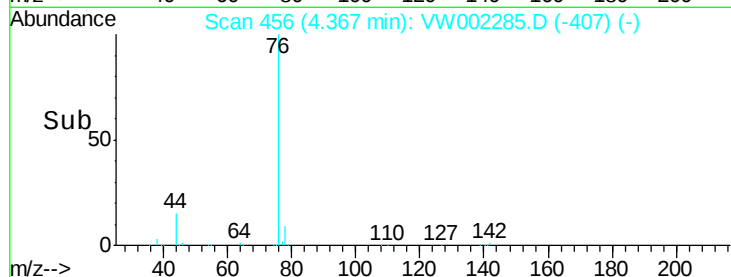
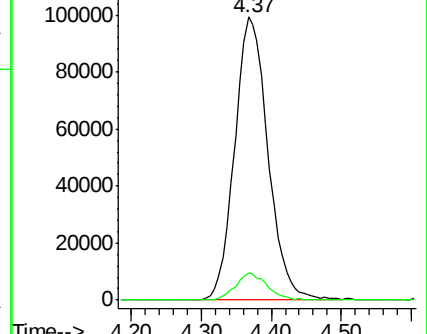
76 100

78 9.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 50.38 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002285.D

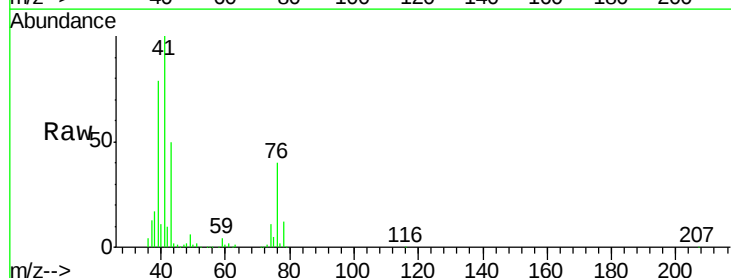
Acq: 08 May 2018 02:41

Tgt Ion: 43 Resp: 77137

Ion Ratio Lower Upper

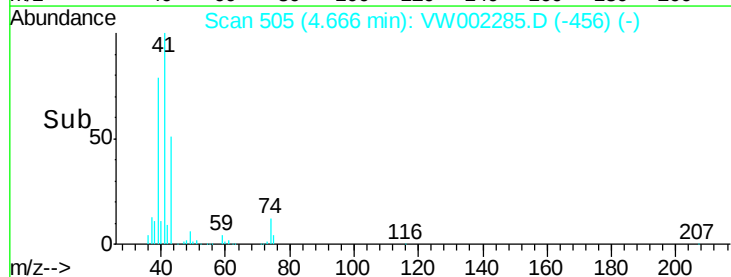
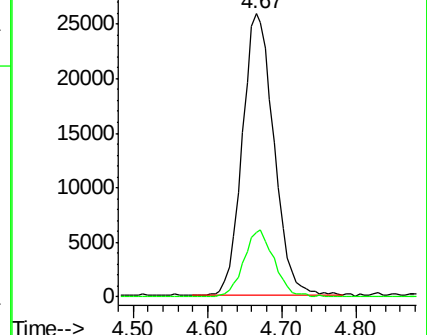
43 100

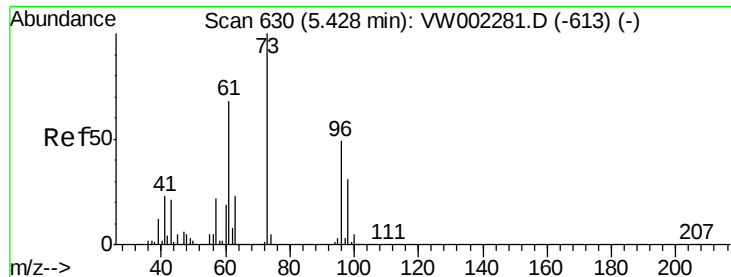
74 23.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

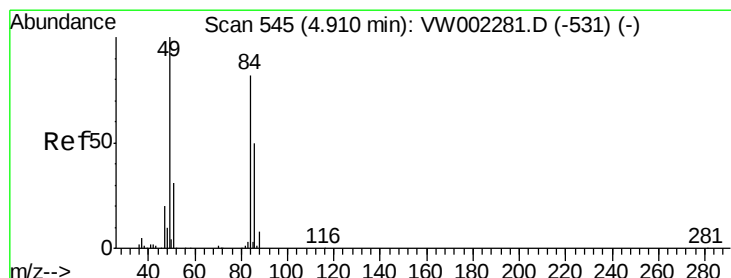
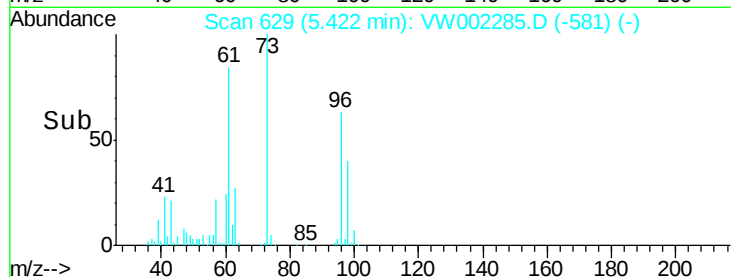
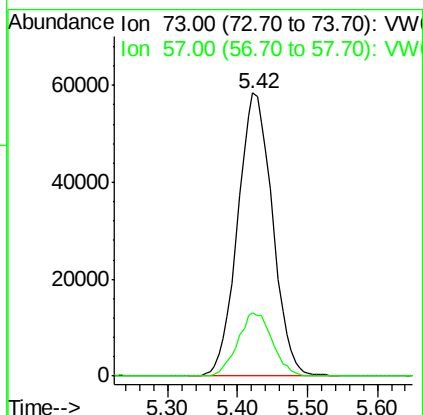
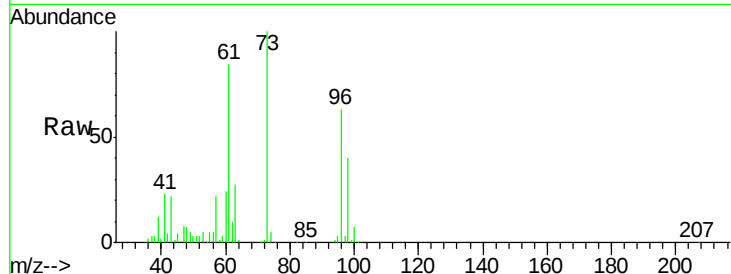




#19
Methyl tert-butyl Ether
Concen: 51.88 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

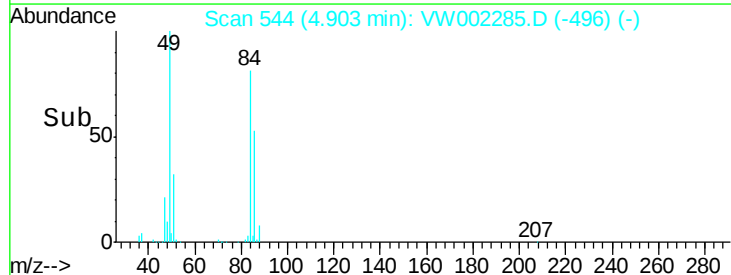
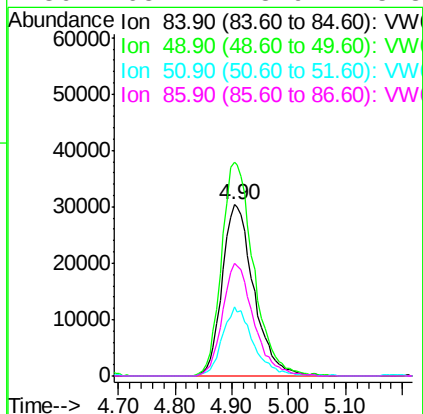
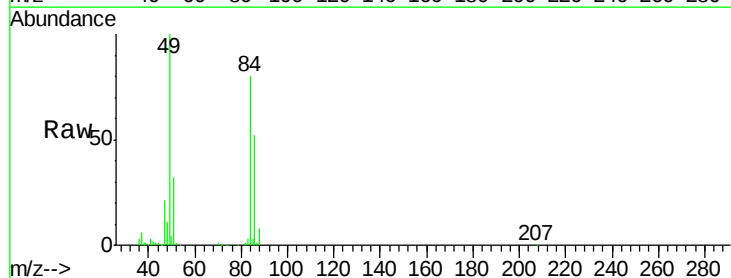
Instrument :
MSVOA_W
ClientSampleId :
BFB

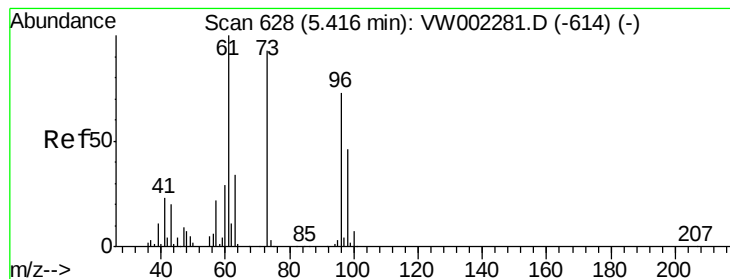
Tgt Ion: 73 Resp: 202025
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 47.86 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion: 84 Resp: 117761
Ion Ratio Lower Upper
84 100
49 124.5 97.7 146.5
51 40.3 30.2 45.4
86 65.4 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 50.47 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

BFB

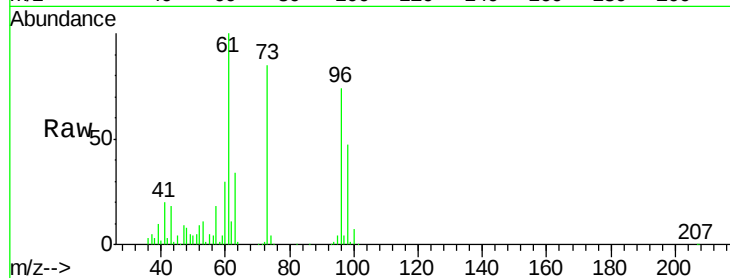
Tgt Ion: 96 Resp: 121350

Ion Ratio Lower Upper

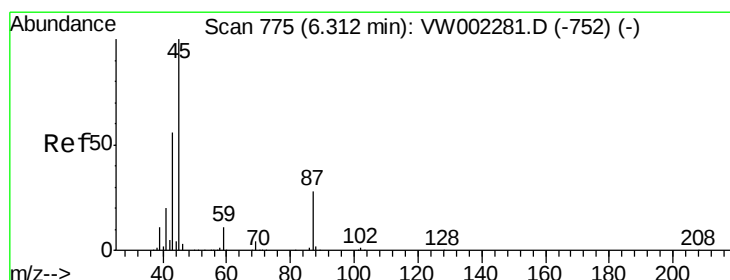
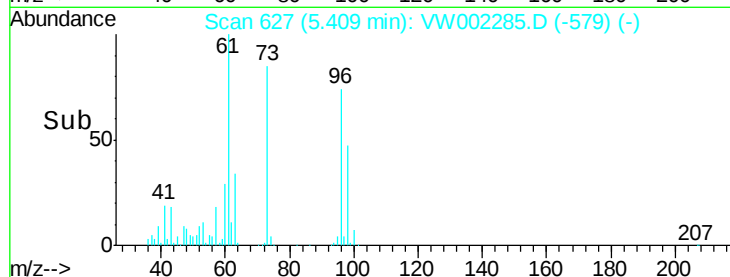
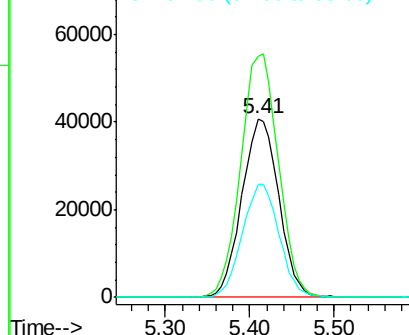
96 100

61 134.6 109.5 164.3

98 63.5 50.2 75.4



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: 52.24 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Tgt Ion: 45 Resp: 374828

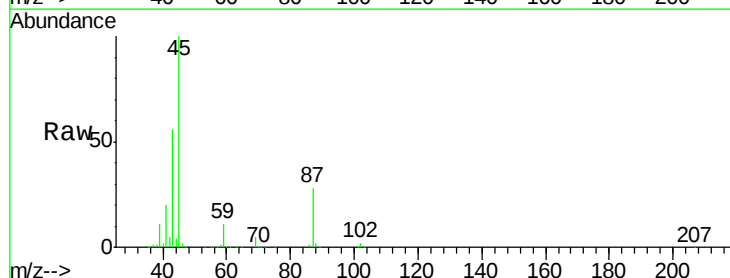
Ion Ratio Lower Upper

45 100

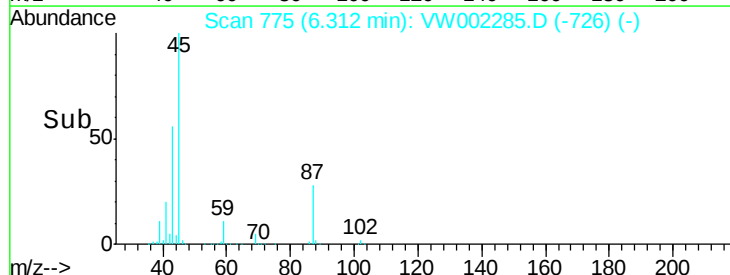
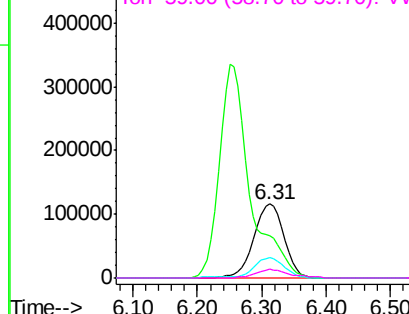
43 56.1 44.5 66.7

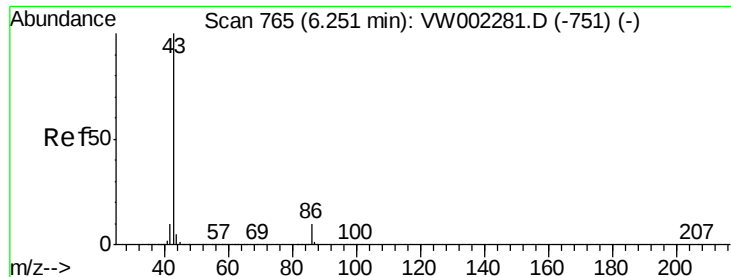
87 28.1 22.2 33.4

59 11.3 8.9 13.3



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: 261.43 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

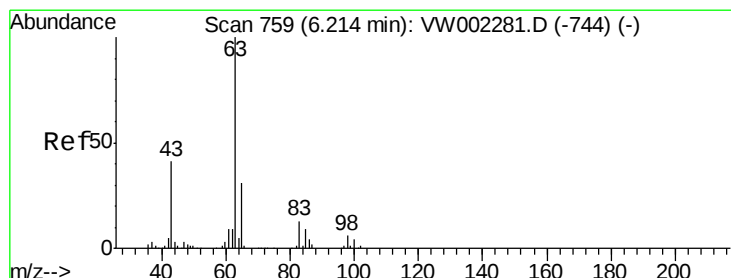
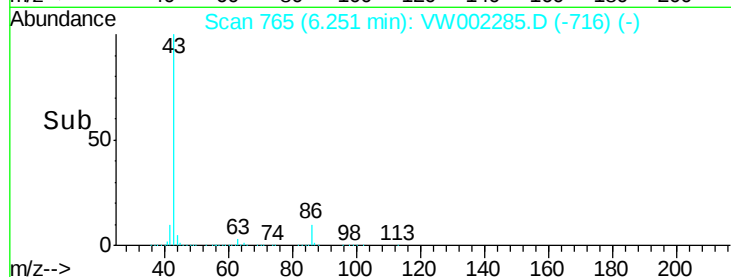
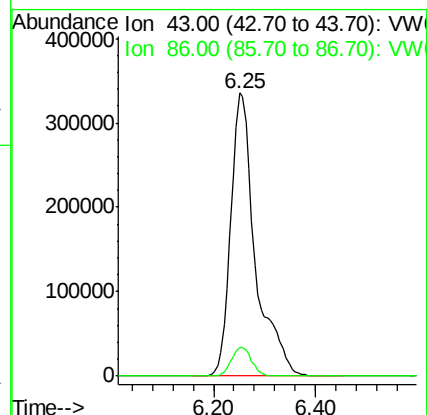
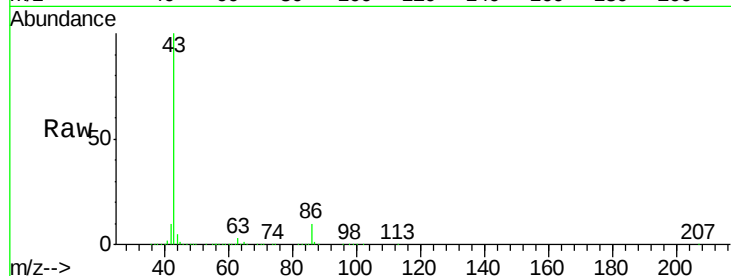
BFB

Tgt Ion: 43 Resp: 1123328

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.97 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

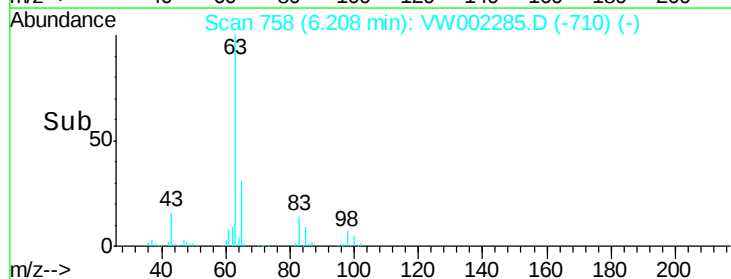
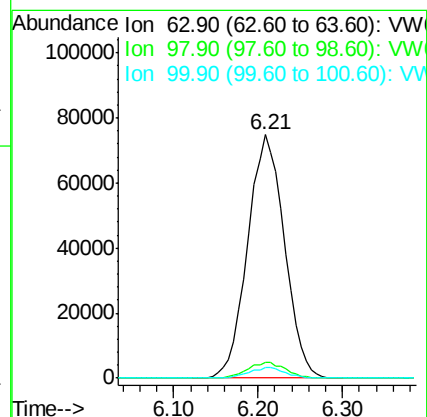
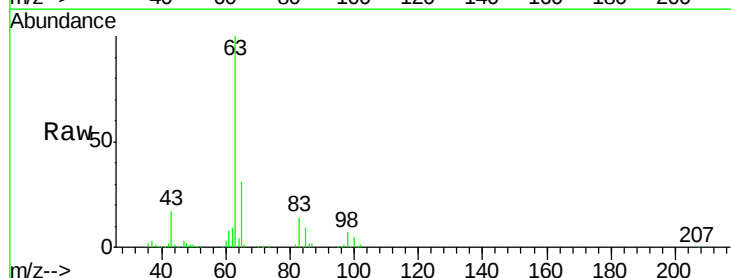
Tgt Ion: 63 Resp: 221752

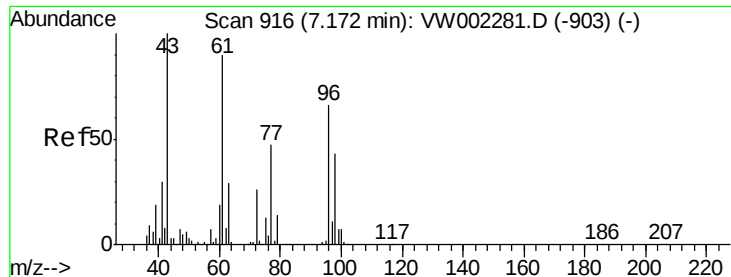
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

100 4.6 2.0 6.0





#25

2-Butanone

Concen: 247.83 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

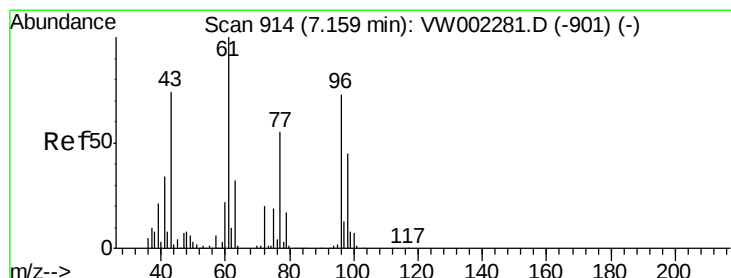
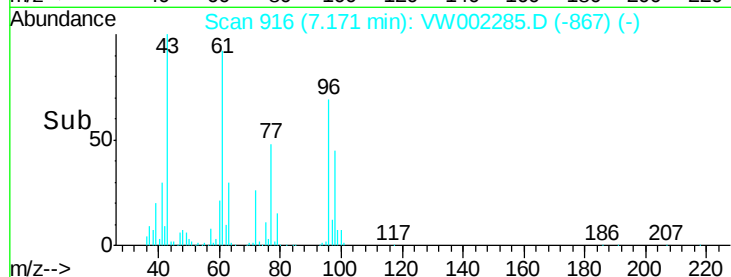
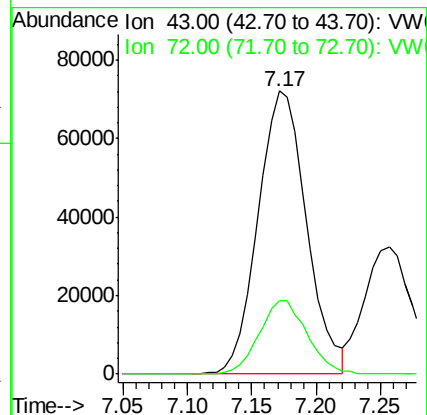
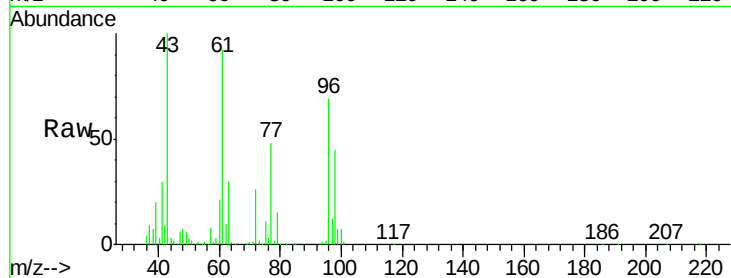
BFB

Tgt Ion: 43 Resp: 187812

Ion Ratio Lower Upper

43 100

72 25.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 49.72 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW002285.D

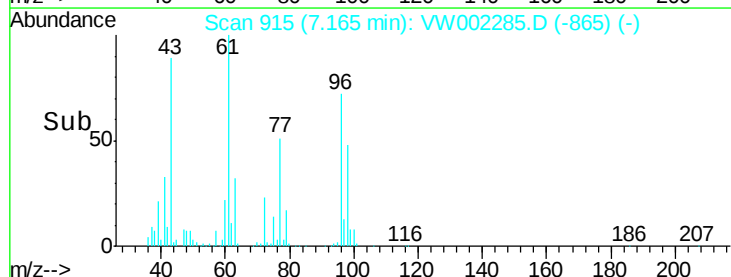
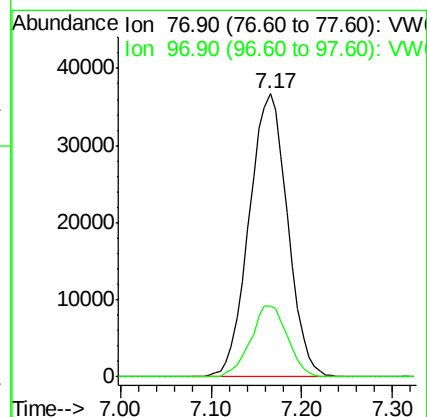
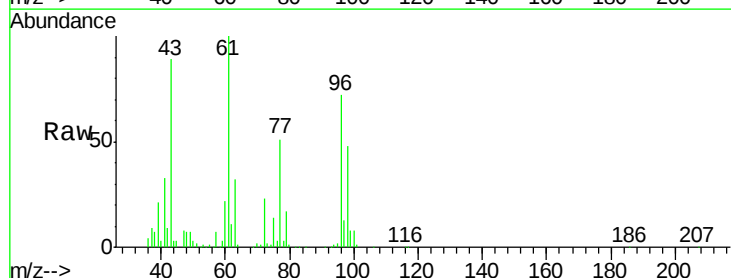
Acq: 08 May 2018 02:41

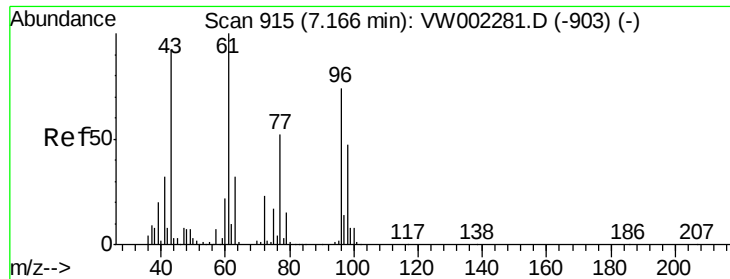
Tgt Ion: 77 Resp: 107821

Ion Ratio Lower Upper

77 100

97 24.1 12.7 38.0



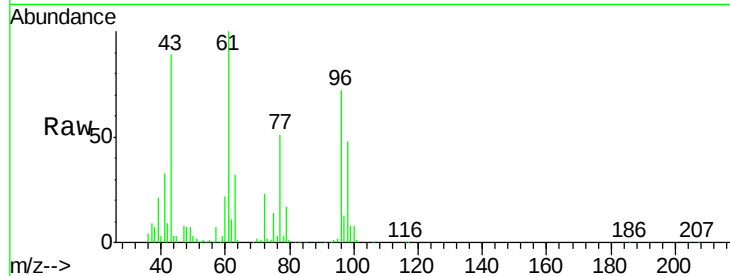


#27

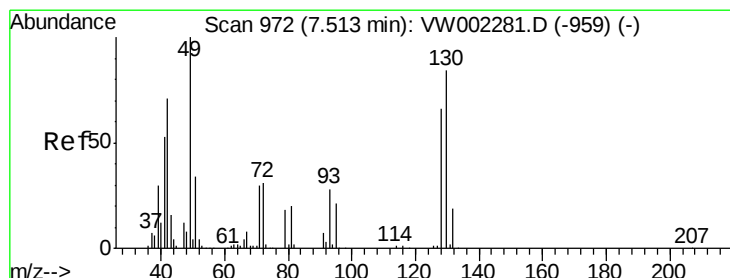
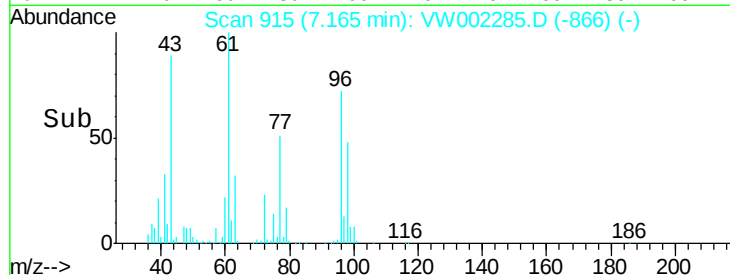
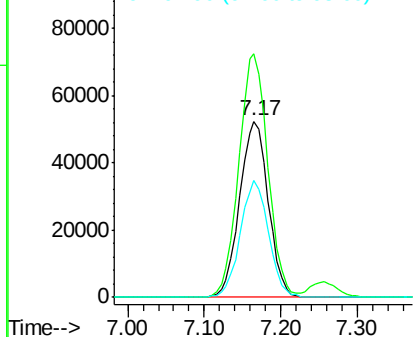
cis-1,2-Dichloroethene
Concen: 50.33 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 96 Resp: 136394
Ion Ratio Lower Upper
96 100
61 139.5 0.0 274.8
98 65.0 0.0 128.4



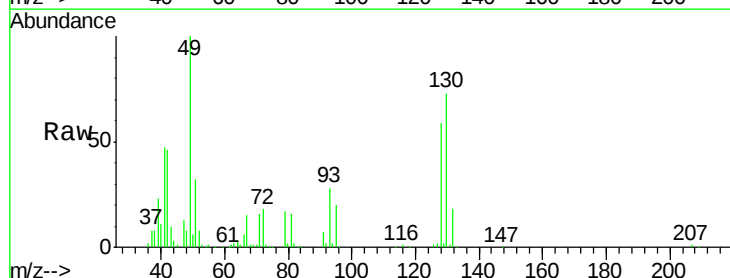
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



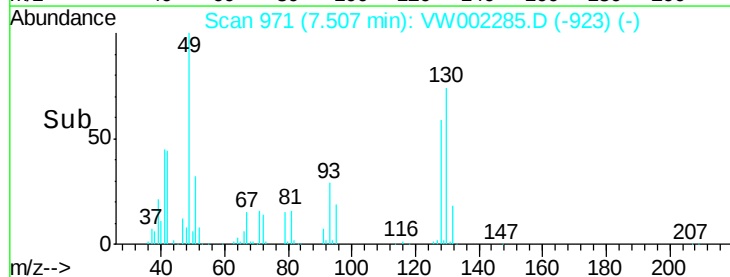
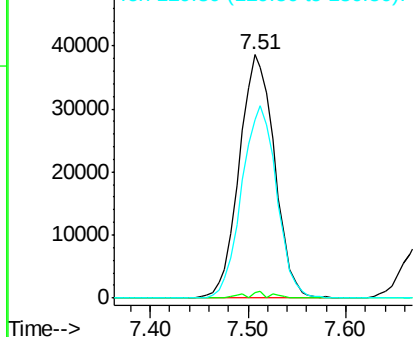
#28

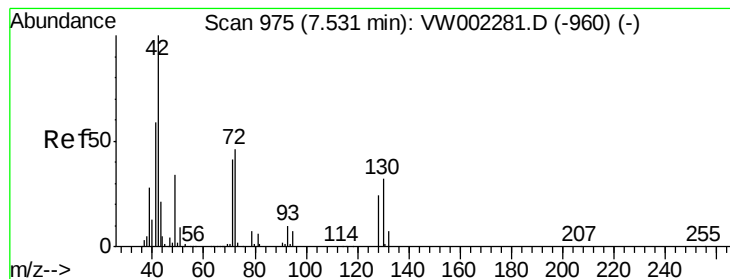
Bromochloromethane
Concen: 49.16 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion: 49 Resp: 96733
Ion Ratio Lower Upper
49 100
129 1.3 0.0 2.4
130 78.6 65.5 98.3



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





#29

Tetrahydrofuran

Concen: 245.91 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

BFB

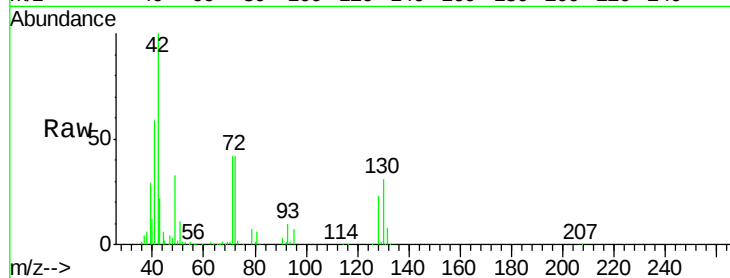
Tgt Ion: 42 Resp: 122225

Ion Ratio Lower Upper

42 100

72 43.3 34.5 51.7

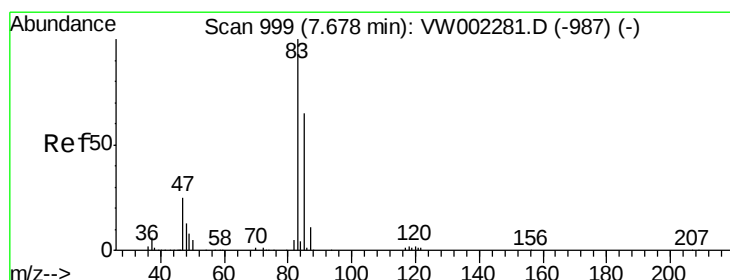
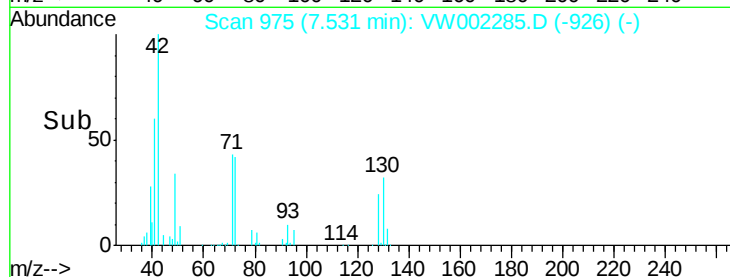
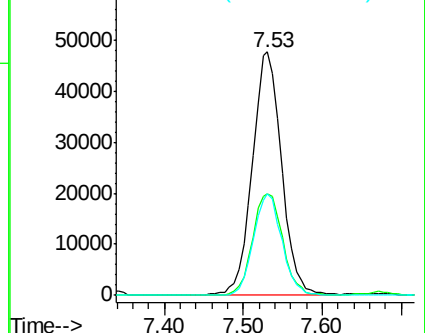
71 41.0 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 50.36 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002285.D

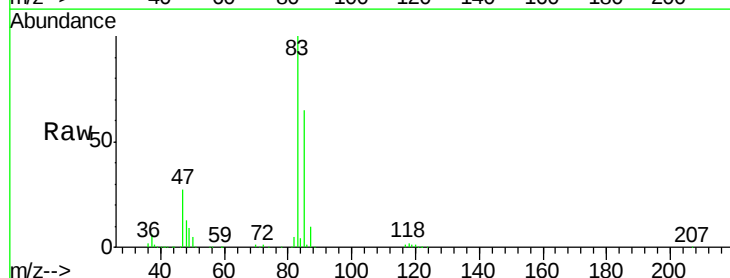
Acq: 08 May 2018 02:41

Tgt Ion: 83 Resp: 229419

Ion Ratio Lower Upper

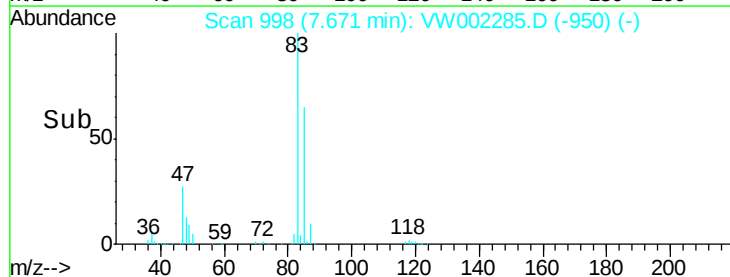
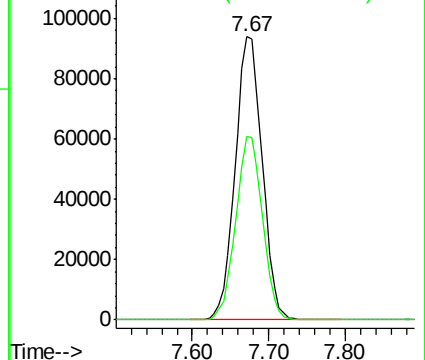
83 100

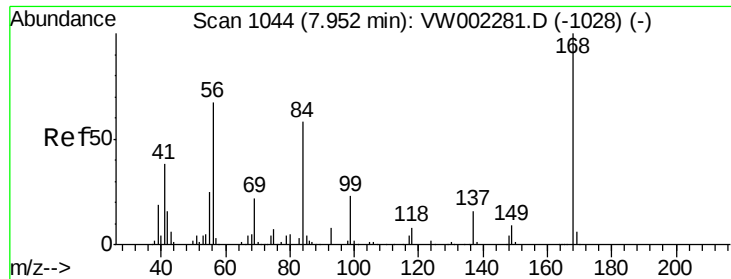
85 64.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

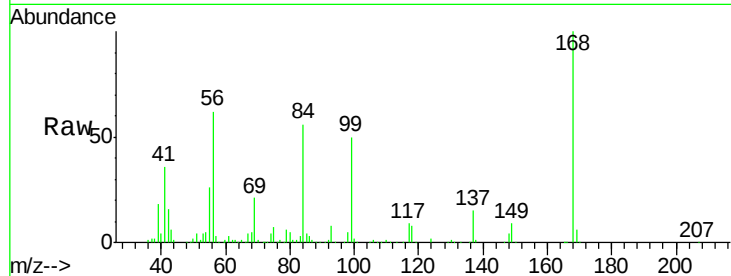




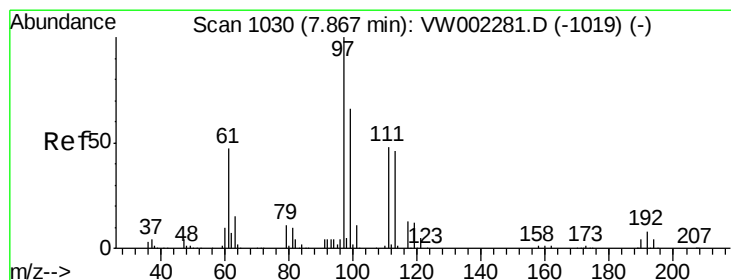
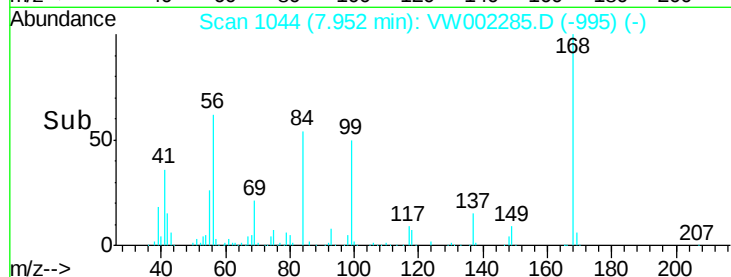
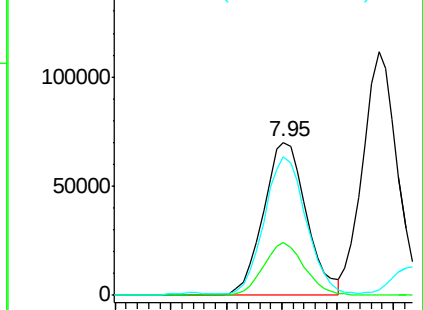
#31
Cyclohexane
Concen: 48.52 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 56 Resp: 188426
Ion Ratio Lower Upper
56 100
69 34.4 26.2 39.4
84 89.0 69.2 103.8

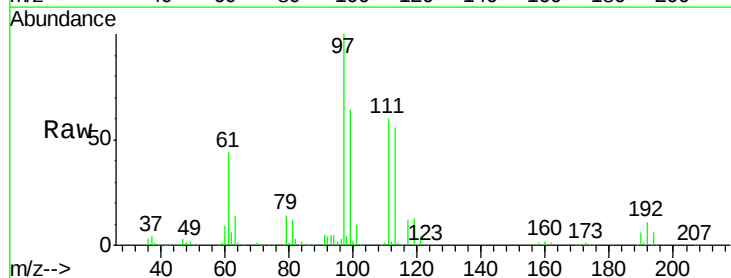


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

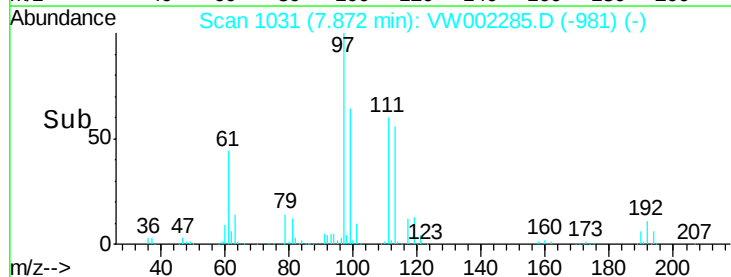
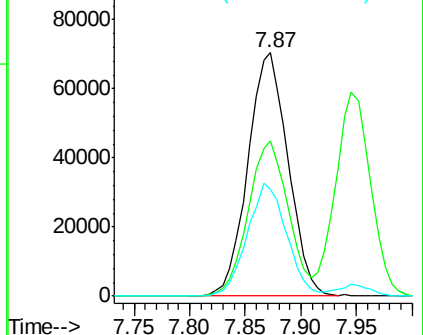


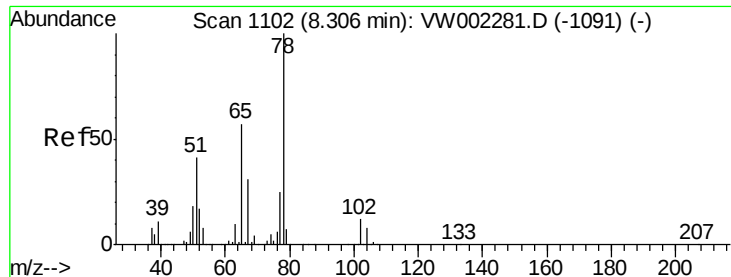
#32
1,1,1-Trichloroethane
Concen: 51.65 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion: 97 Resp: 176823
Ion Ratio Lower Upper
97 100
99 63.8 52.6 79.0
61 45.3 35.6 53.4



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

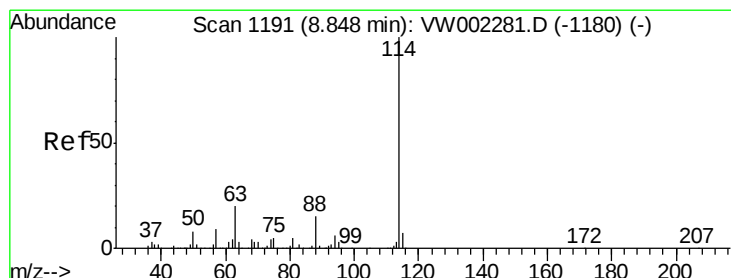
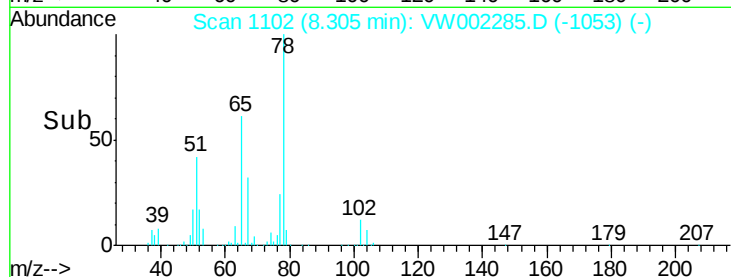
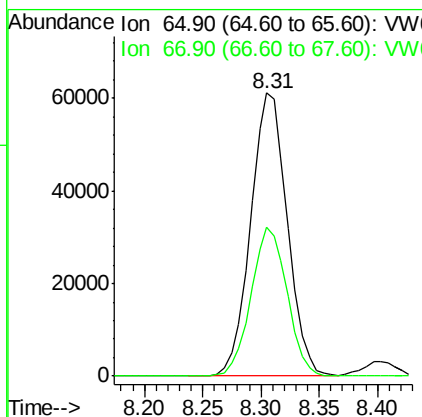
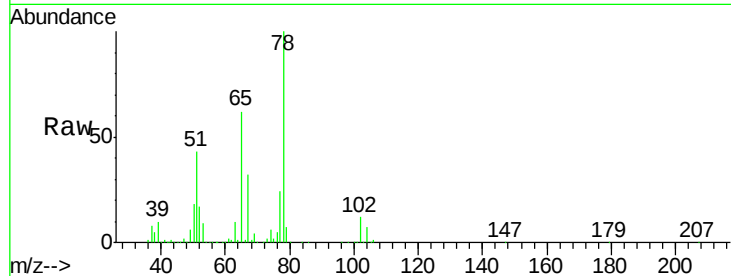




#33
 1,2-Dichloroethane-d4
 Concen: 51.33 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

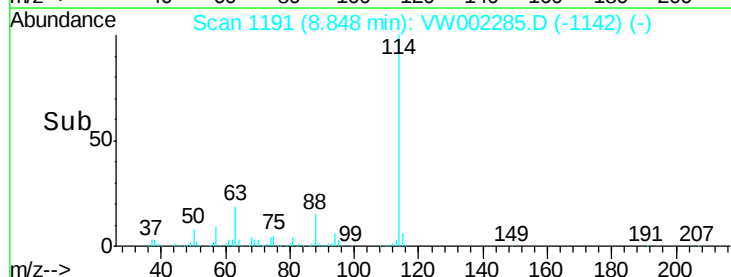
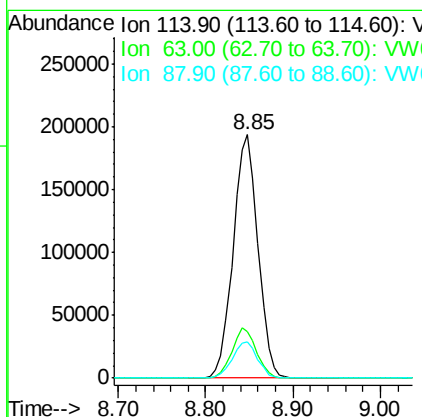
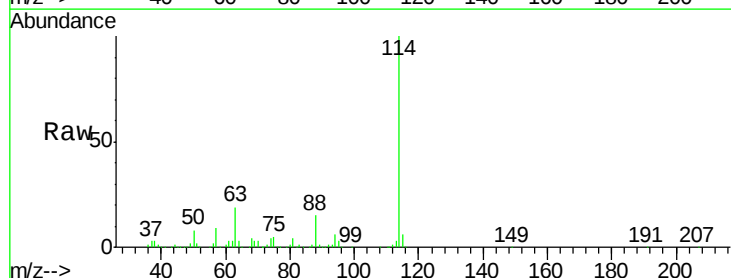
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

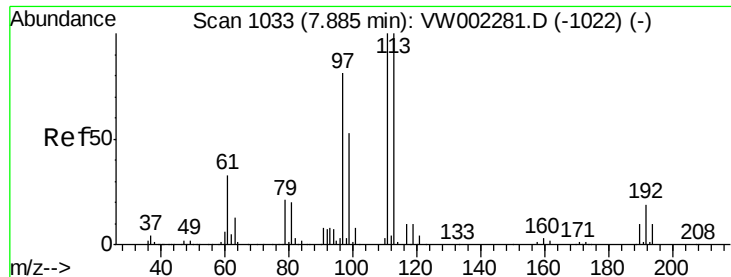
Tgt Ion: 65 Resp: 134132
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion: 114 Resp: 380699
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 14.8 0.0 29.6

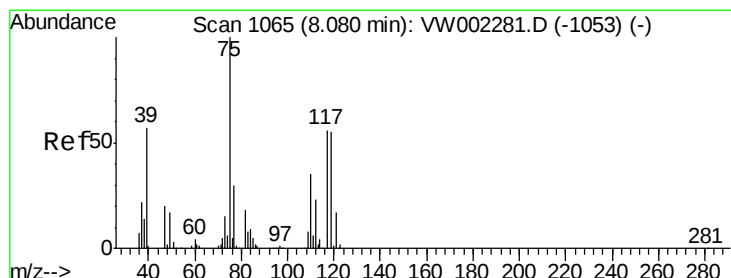
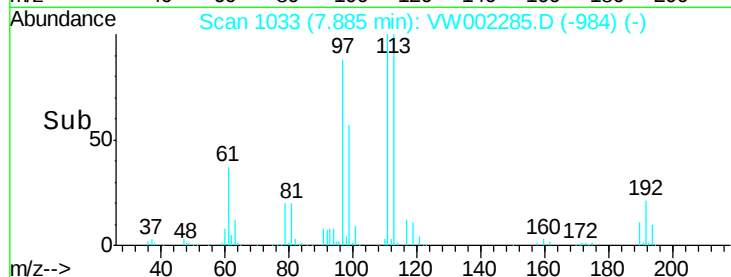
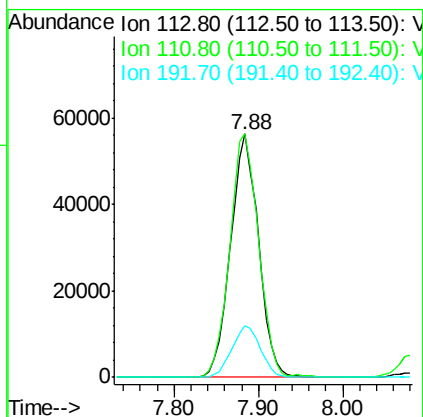
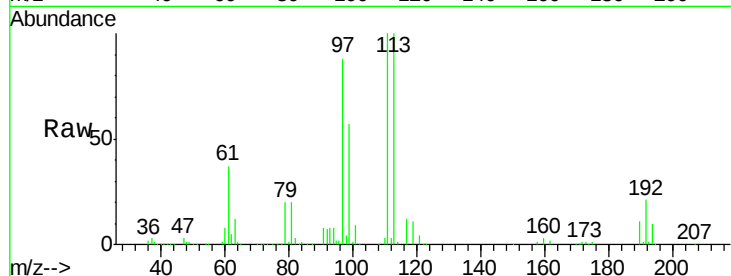




#35
 Dibromofluoromethane
 Concen: 51.74 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

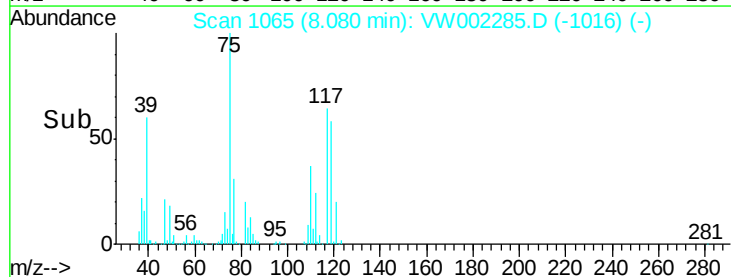
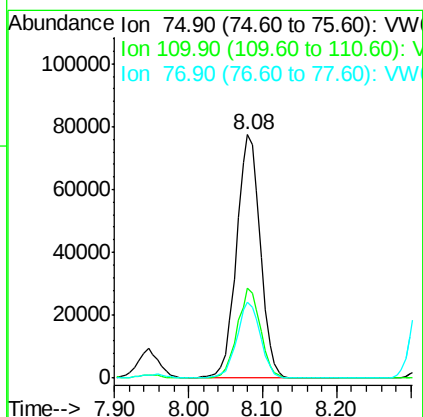
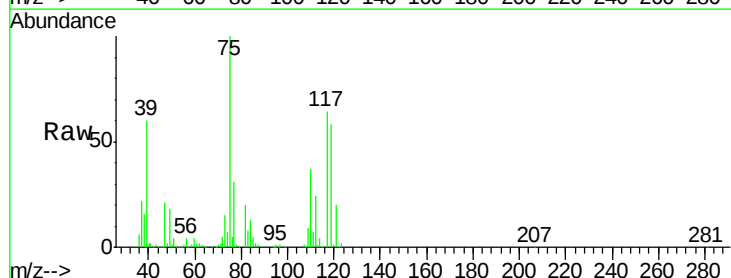
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

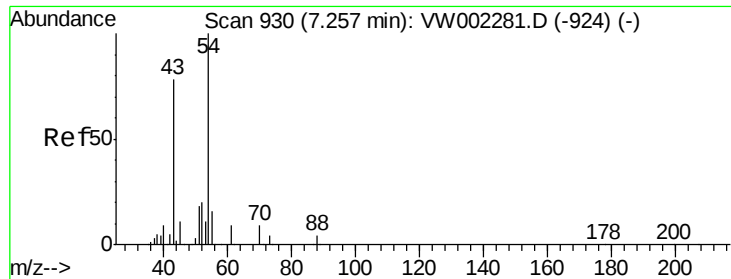
Tgt Ion: 113 Resp: 126249
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.5 122.3
 192 21.6 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 50.39 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion: 75 Resp: 173494
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.1
 77 31.0 24.5 36.7

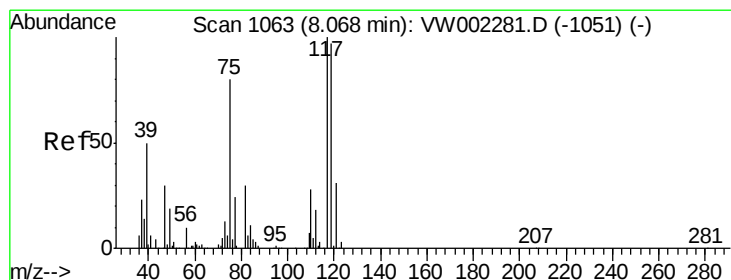
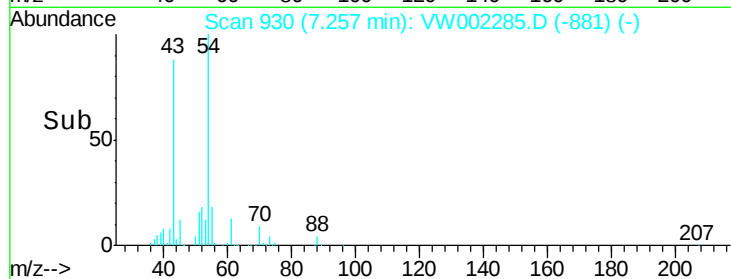
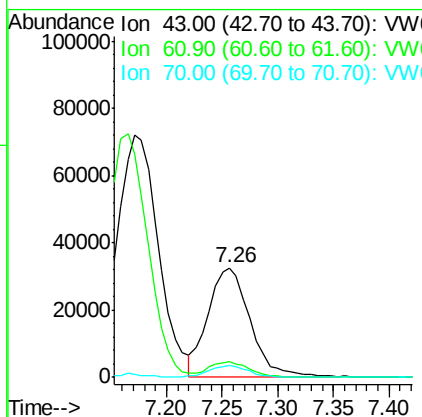
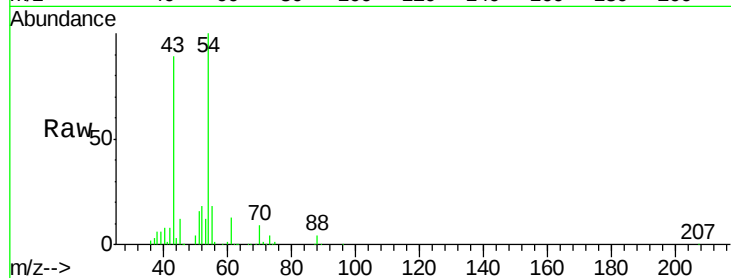




#37
Ethyl Acetate
Concen: 50.11 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

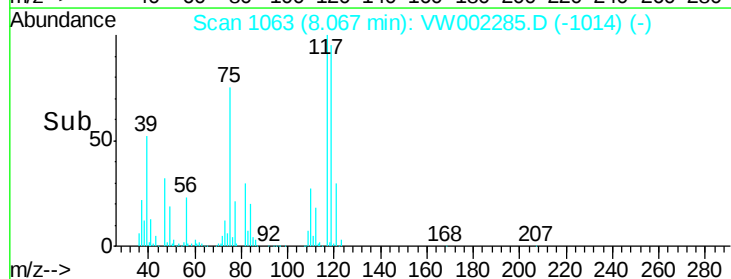
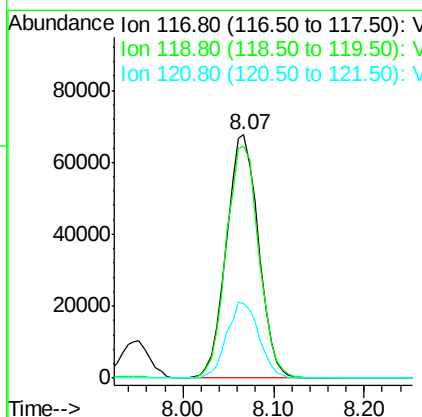
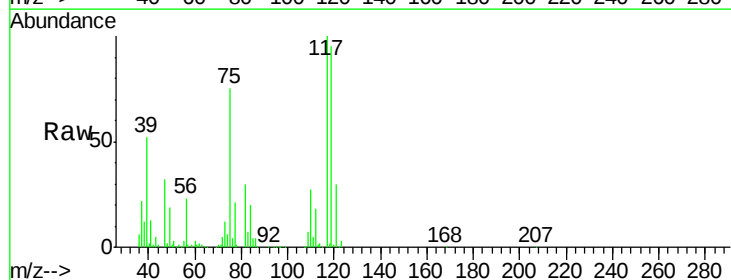
Instrument :
MSVOA_W
ClientSampled :
BFB

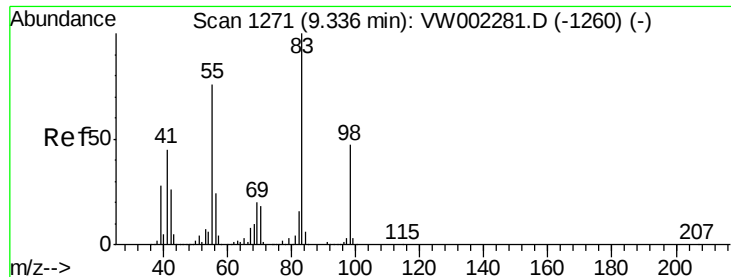
Tgt Ion: 43 Resp: 84072
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.20 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion: 117 Resp: 167140
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
121 30.5 24.4 36.6

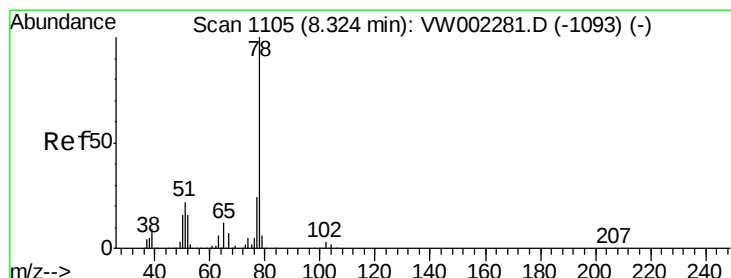
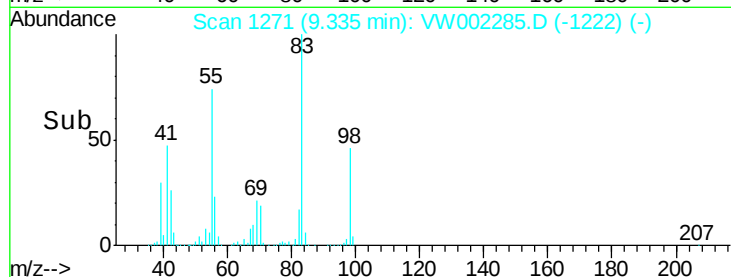
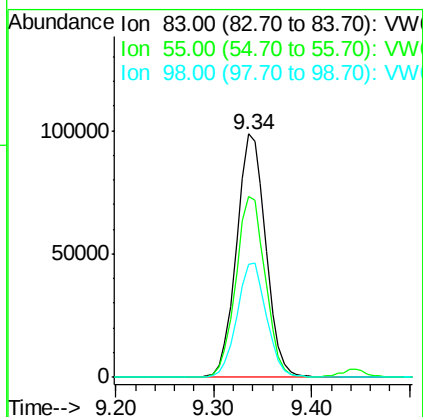
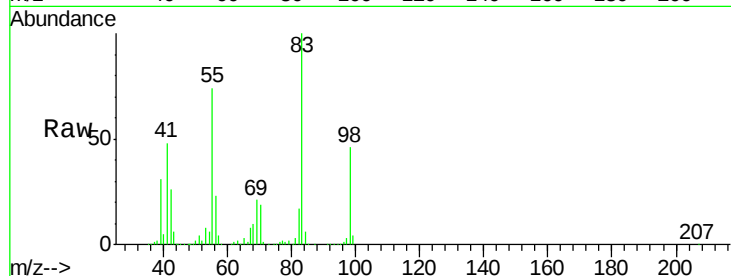




#39
Methylcyclohexane
Concen: 50.77 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

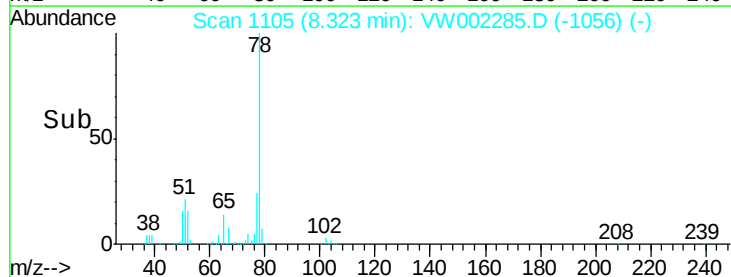
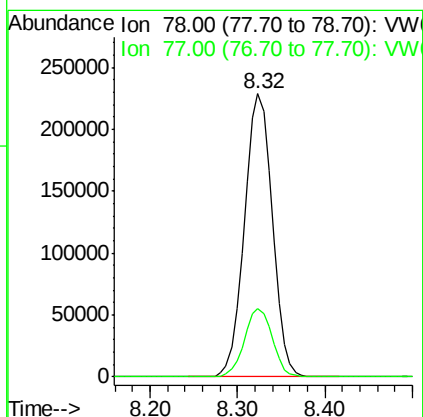
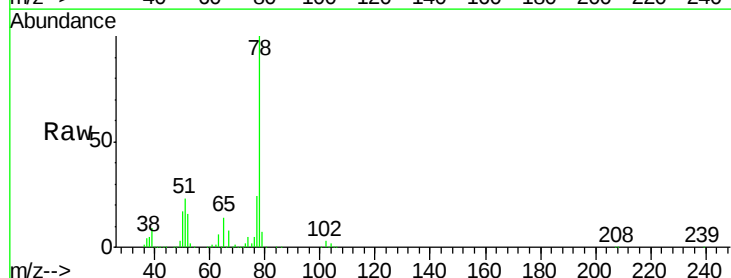
Instrument :
MSVOA_W
ClientSampled :
BFB

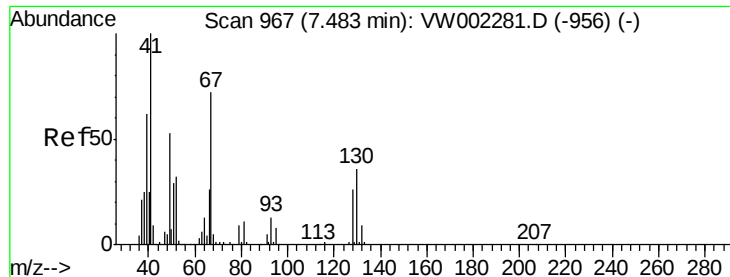
Tgt Ion: 83 Resp: 204000
Ion Ratio Lower Upper
83 100
55 74.1 60.6 91.0
98 46.2 37.4 56.0



#40
Benzene
Concen: 50.22 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion: 78 Resp: 505473
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41

Methacrylonitrile

Concen: 49.07 ug/l

RT: 7.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

BFB

Tgt Ion: 41 Resp: 47184

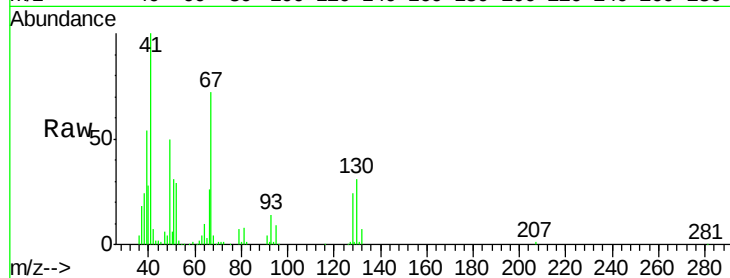
Ion Ratio Lower Upper

41 100

39 63.2 40.2 60.4#

67 73.5 54.7 82.1

52 34.3 23.6 35.4

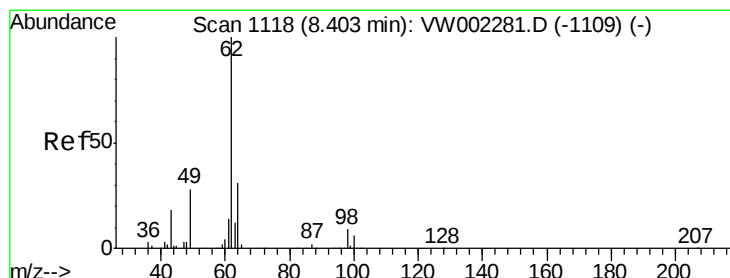
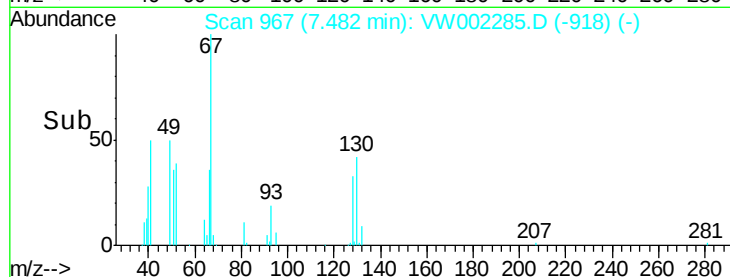
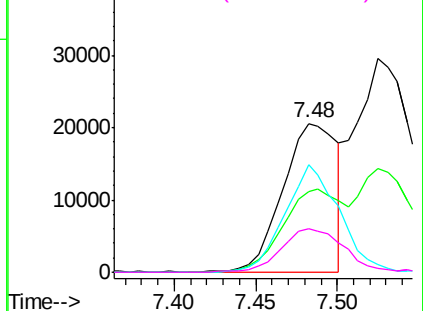


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.66 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW002285.D

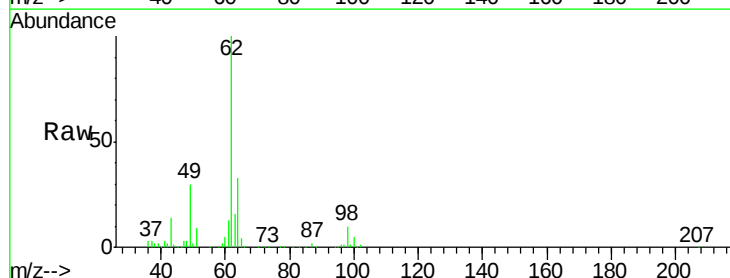
Acq: 08 May 2018 02:41

Tgt Ion: 62 Resp: 159000

Ion Ratio Lower Upper

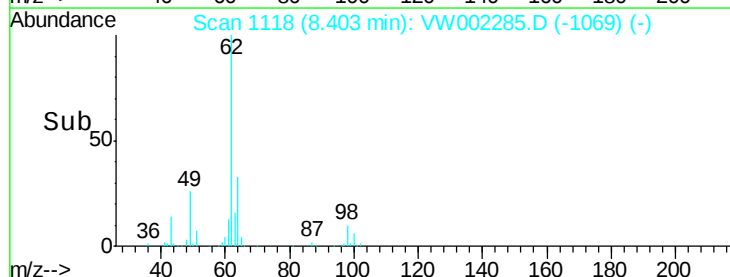
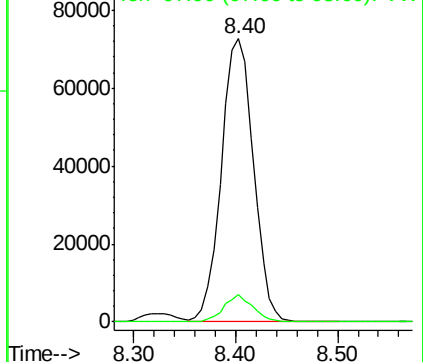
62 100

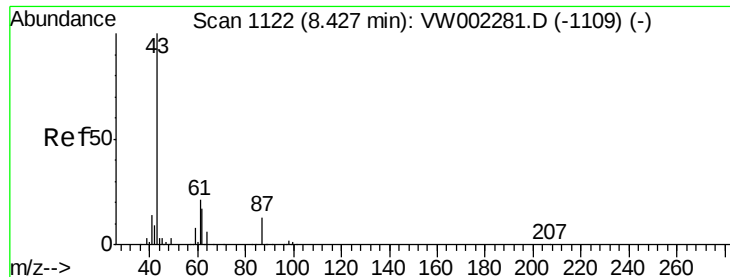
98 8.6 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.66 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

BFB

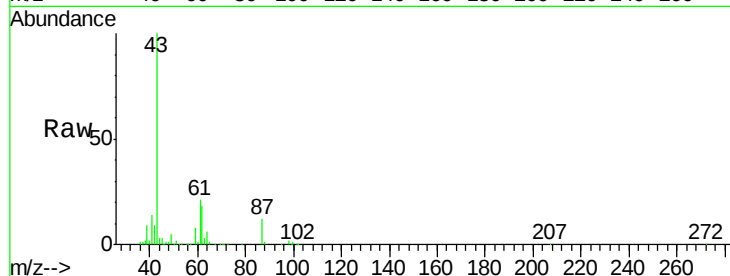
Tgt Ion: 43 Resp: 164448

Ion Ratio Lower Upper

43 100

61 29.0 23.7 35.5

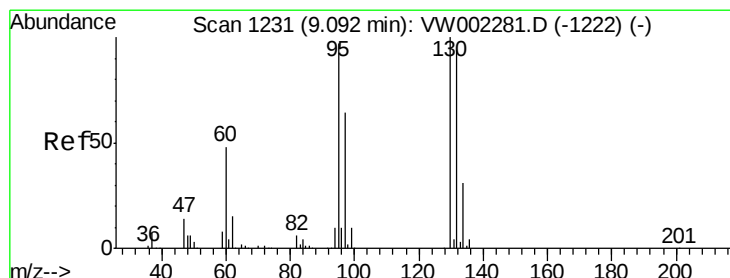
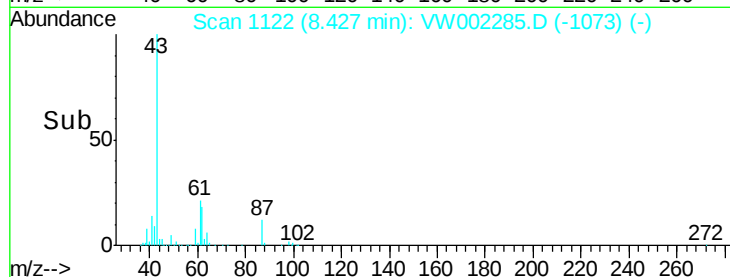
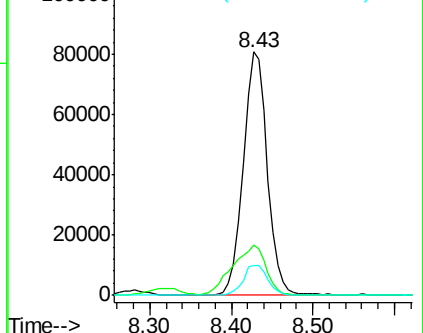
87 12.6 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.18 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002285.D

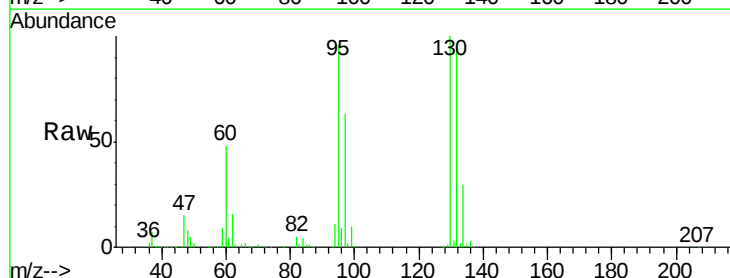
Acq: 08 May 2018 02:41

Tgt Ion: 130 Resp: 137675

Ion Ratio Lower Upper

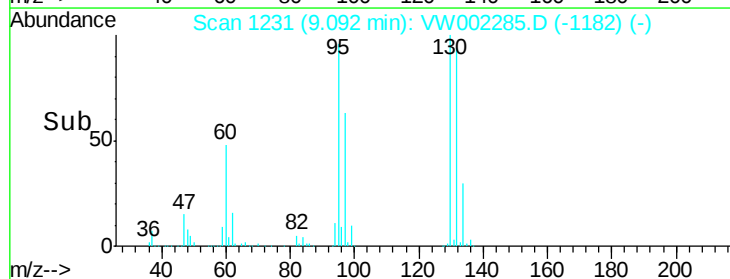
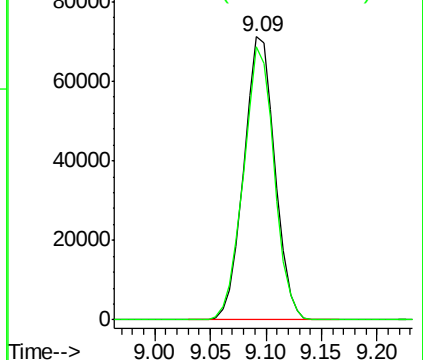
130 100

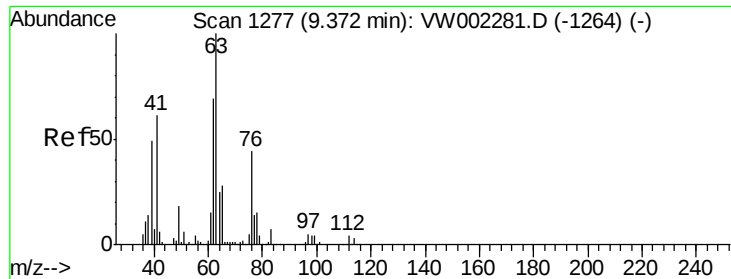
95 96.3 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

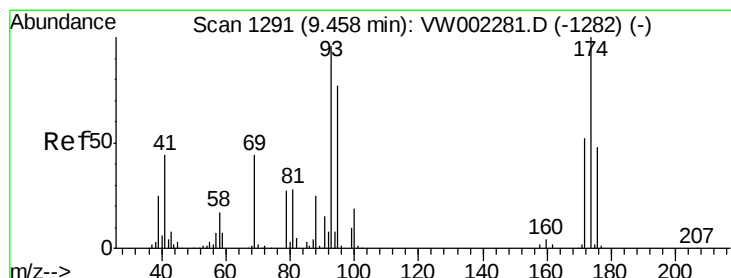
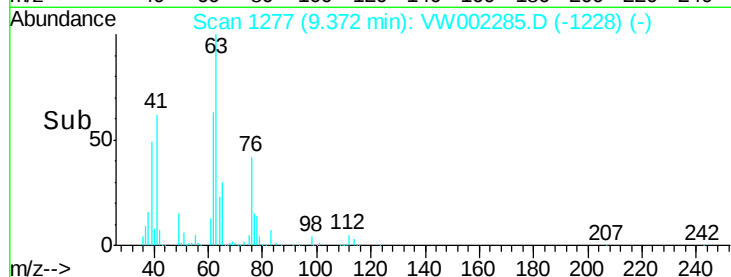
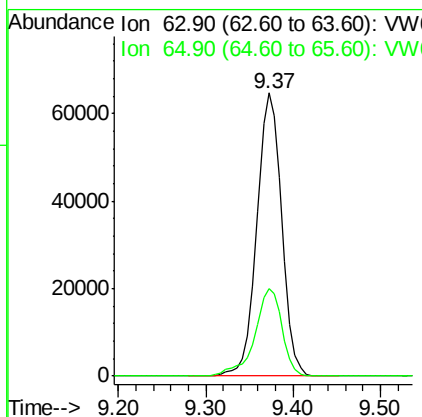
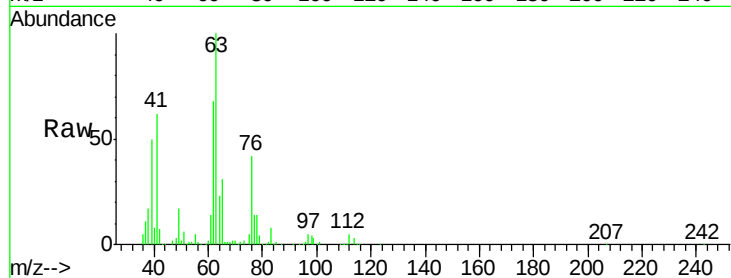




#45
 1,2-Dichloropropane
 Concen: 50.65 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

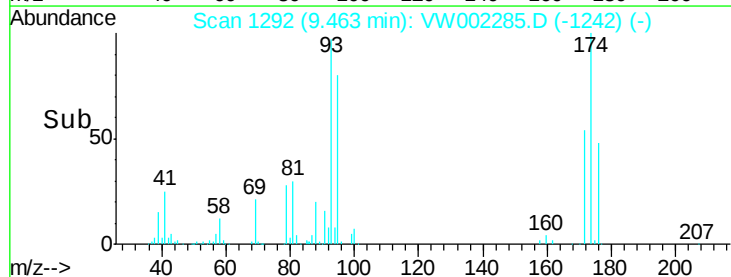
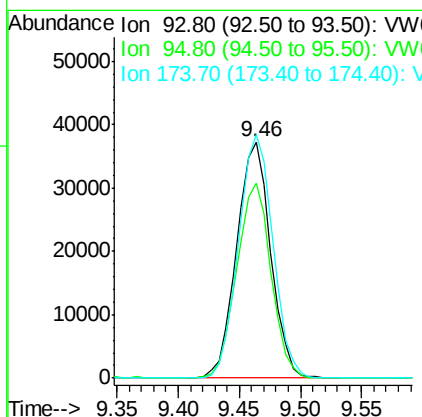
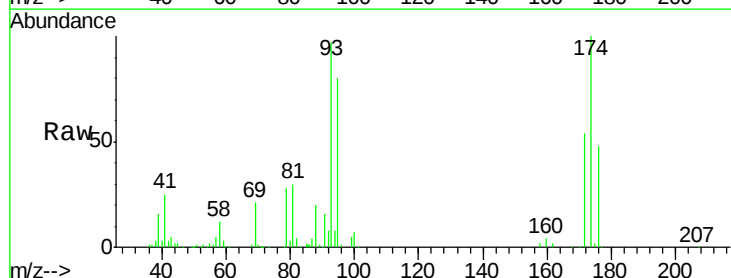
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

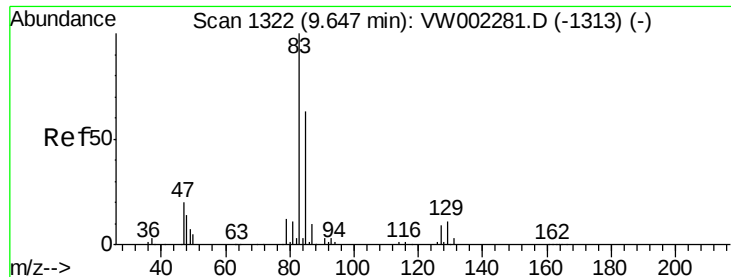
Tgt Ion: 63 Resp: 127709
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.9 34.3



#46
 Dibromomethane
 Concen: 50.92 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion: 93 Resp: 71769
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 104.8 86.8 130.2





#47

Bromodichloromethane

Concen: 51.83 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

BFB

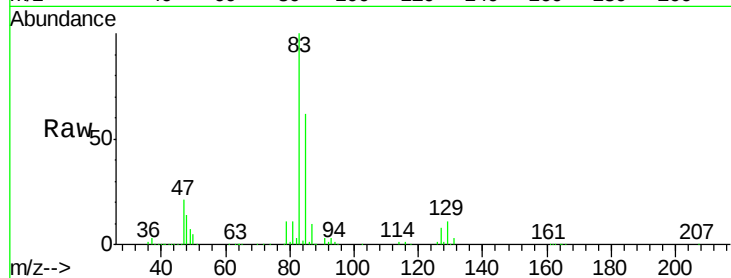
Tgt Ion: 83 Resp: 172392

Ion Ratio Lower Upper

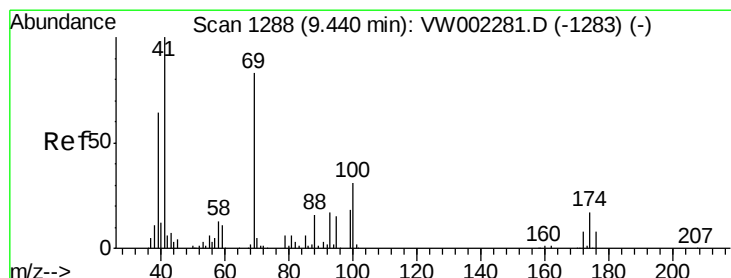
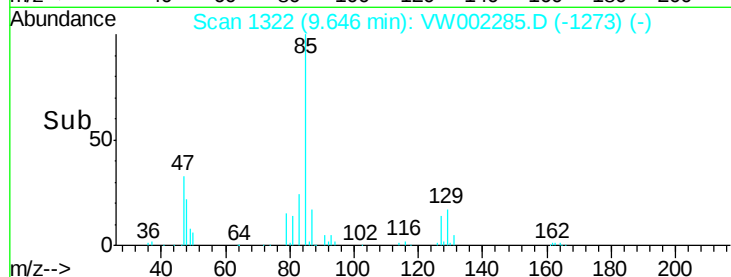
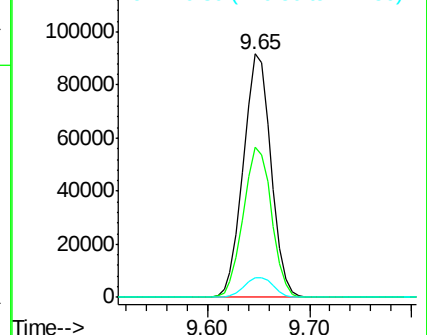
83 100

85 61.6 50.2 75.2

127 8.3 6.9 10.3



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: 51.20 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

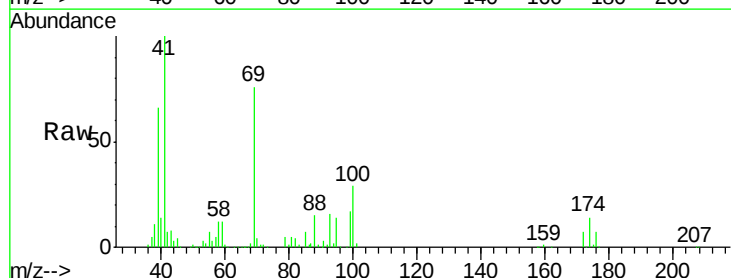
Tgt Ion: 41 Resp: 79134

Ion Ratio Lower Upper

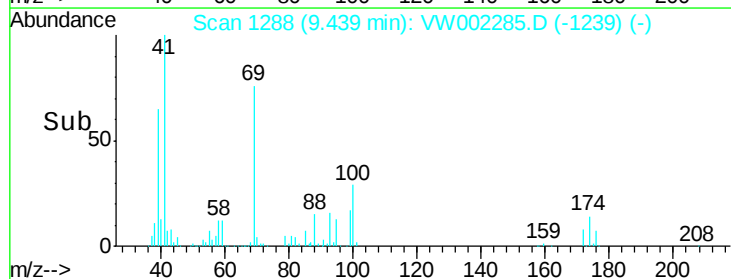
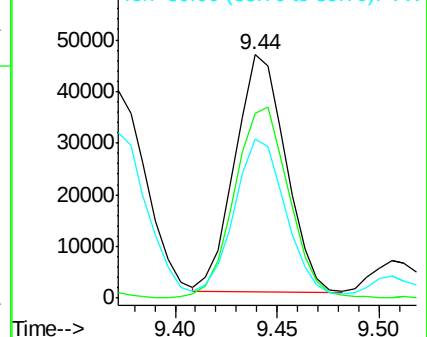
41 100

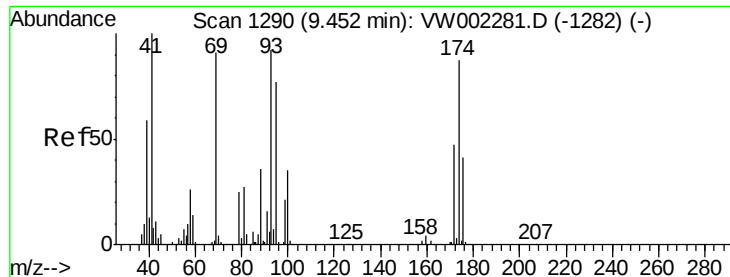
69 86.0 69.9 104.9

39 68.9 54.0 81.0



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: 1084.90 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

BFB

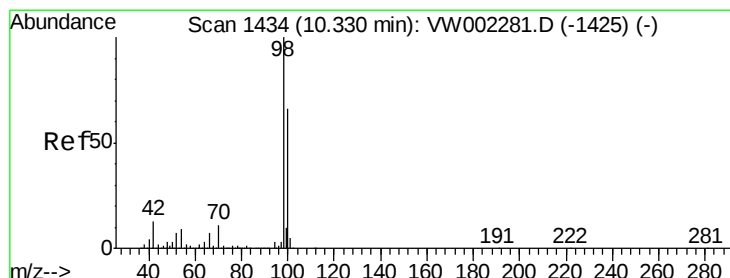
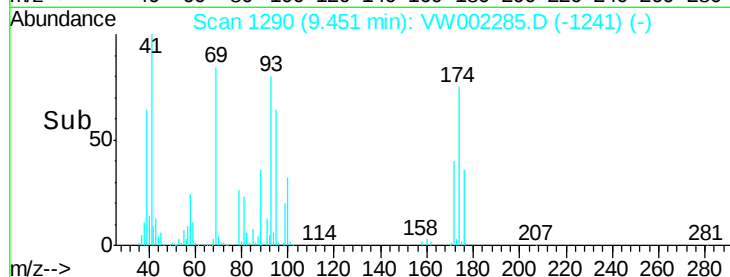
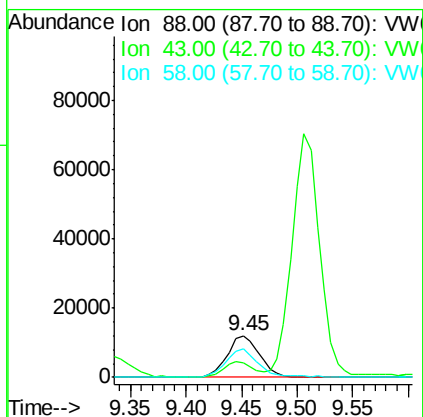
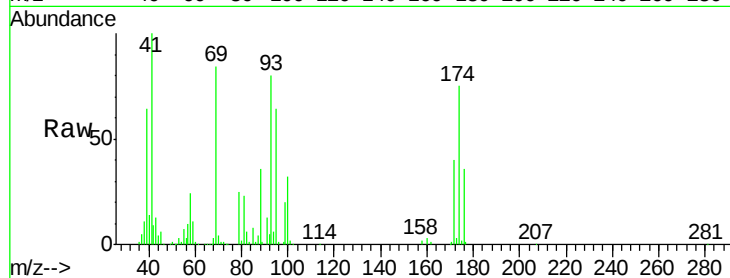
Tgt Ion: 88 Resp: 24292

Ion Ratio Lower Upper

88 100

43 33.7 26.3 39.5

58 66.3 56.0 84.0



#50

Toluene-d8

Concen: 51.81 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002285.D

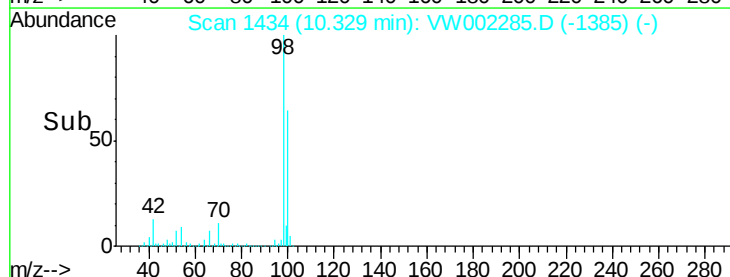
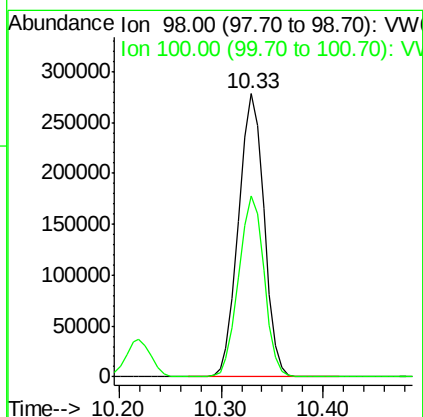
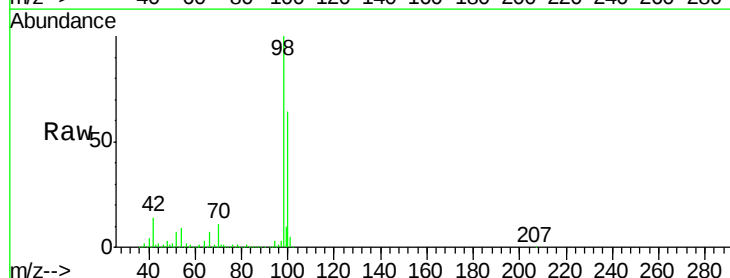
Acq: 08 May 2018 02:41

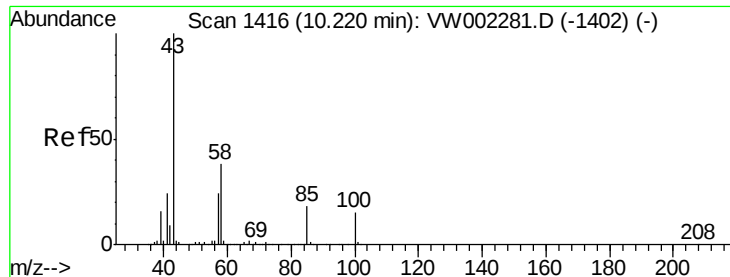
Tgt Ion: 98 Resp: 482084

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 249.10 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

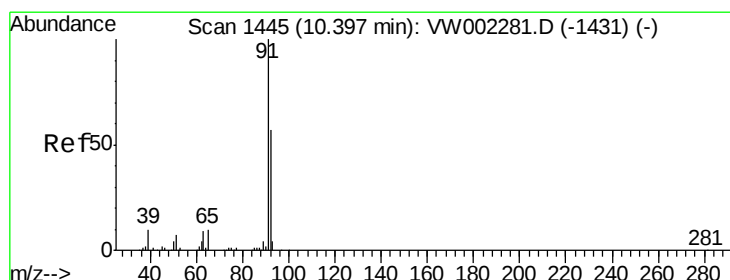
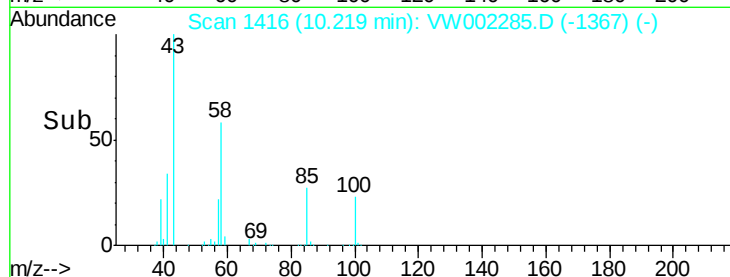
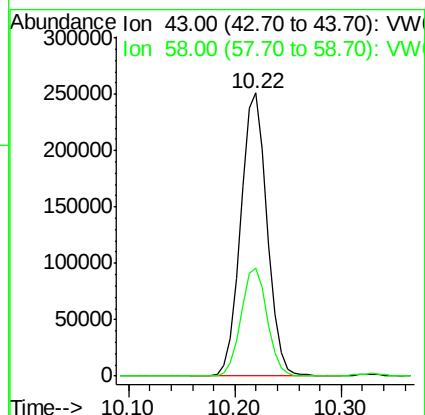
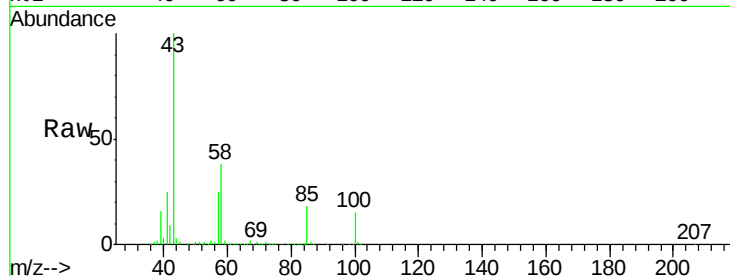
BFB

Tgt Ion: 43 Resp: 437413

Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.2



#52

Toluene

Concen: 50.76 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW002285.D

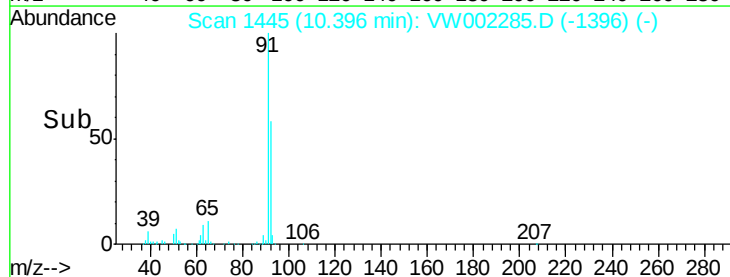
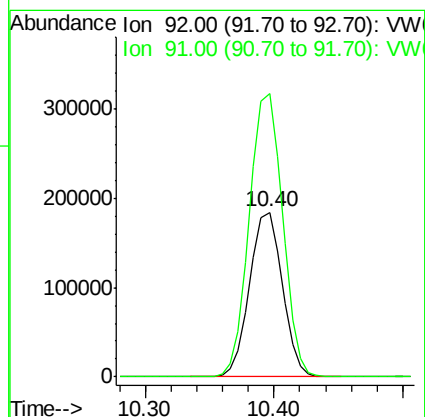
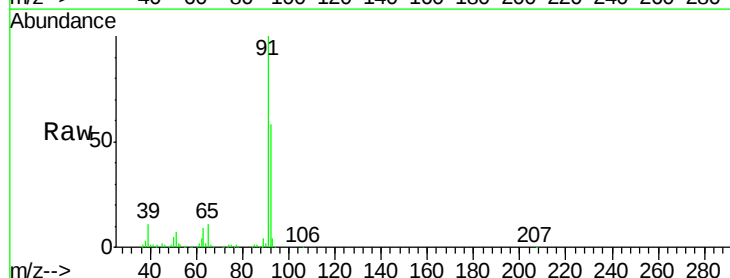
Acq: 08 May 2018 02:41

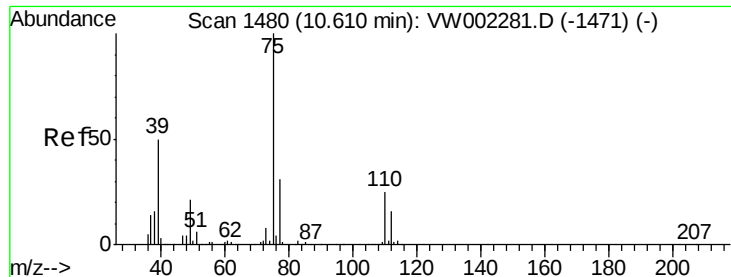
Tgt Ion: 92 Resp: 324430

Ion Ratio Lower Upper

92 100

91 174.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 51.81 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

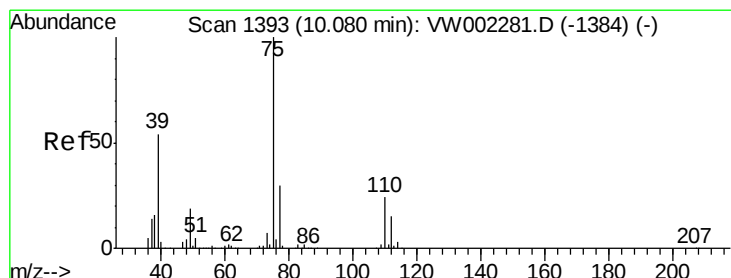
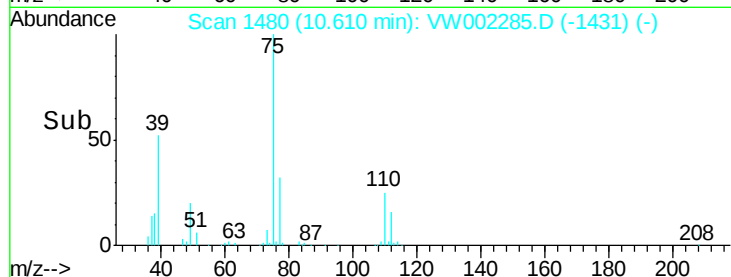
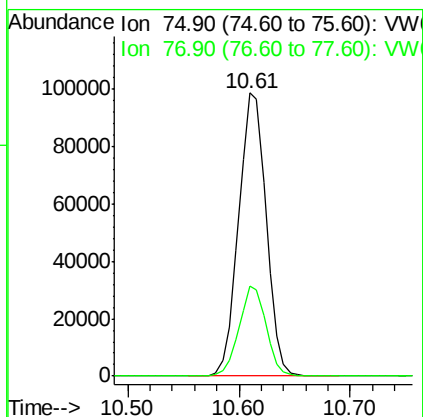
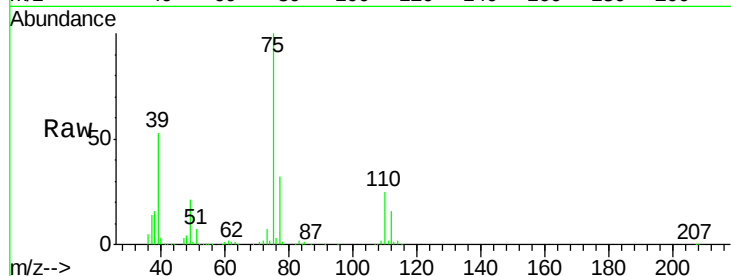
BFB

Tgt Ion: 75 Resp: 169438

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 51.37 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

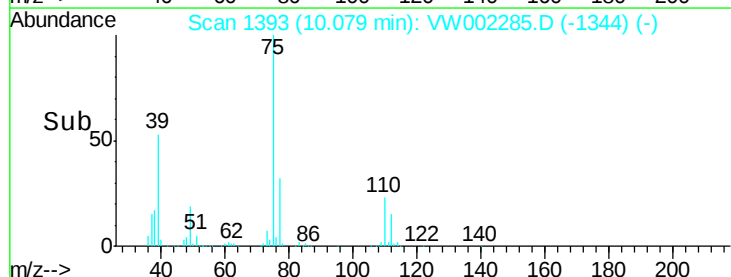
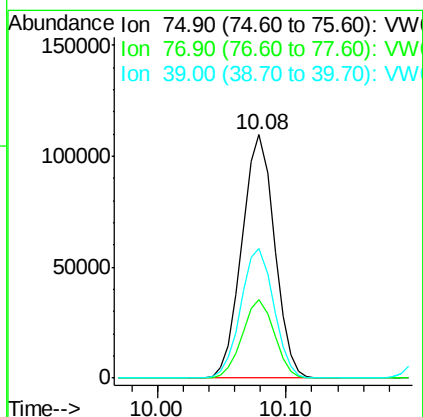
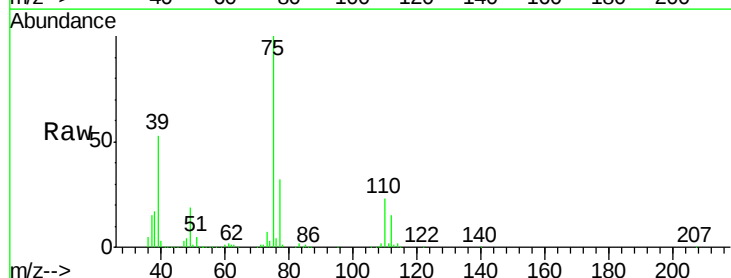
Tgt Ion: 75 Resp: 192091

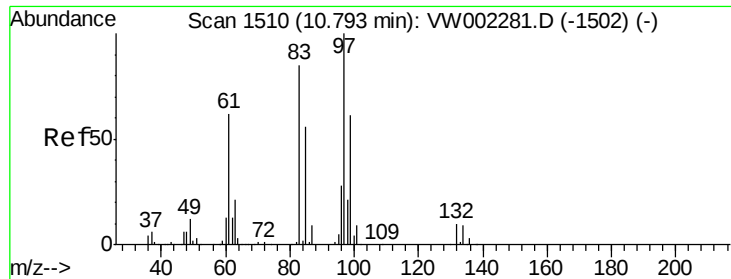
Ion Ratio Lower Upper

75 100

77 32.2 23.9 35.9

39 53.1 43.2 64.8

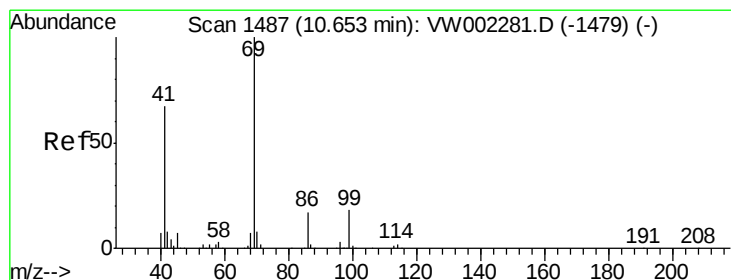
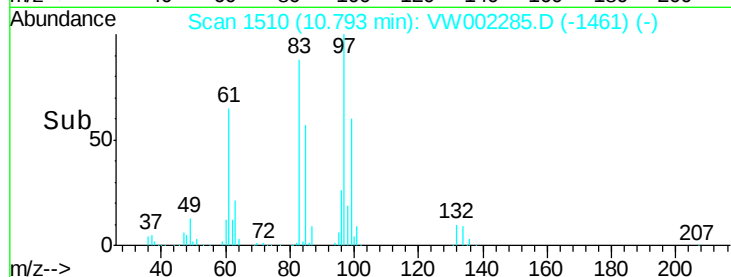
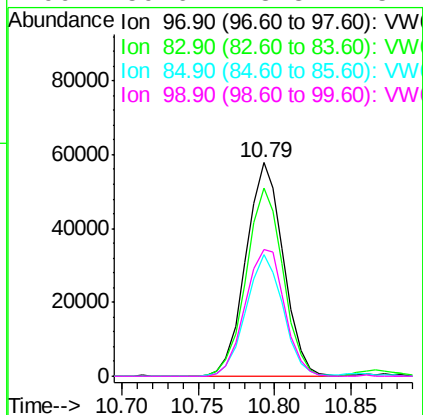
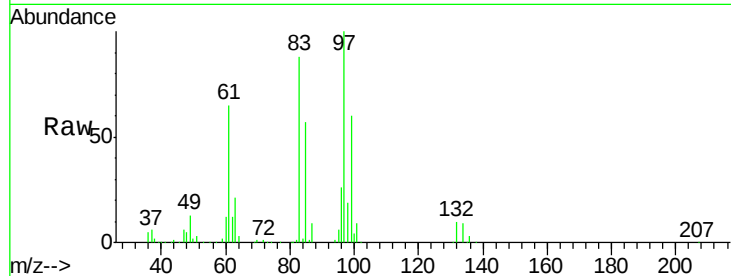




#55
 1,1,2-Trichloroethane
 Concen: 49.64 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

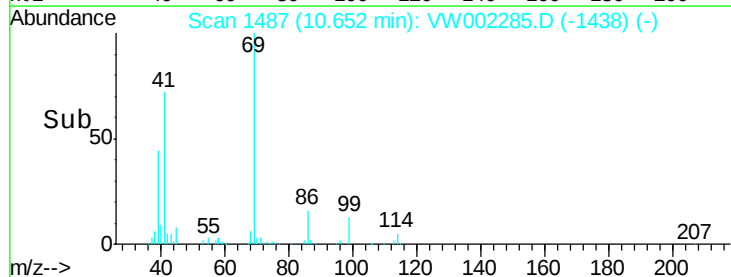
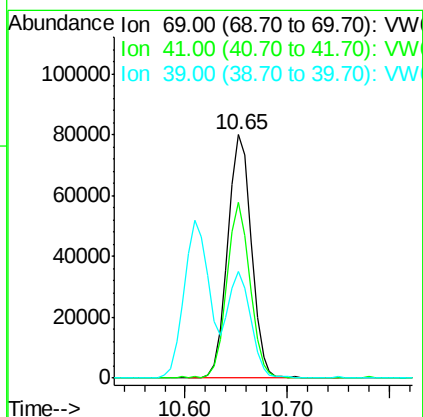
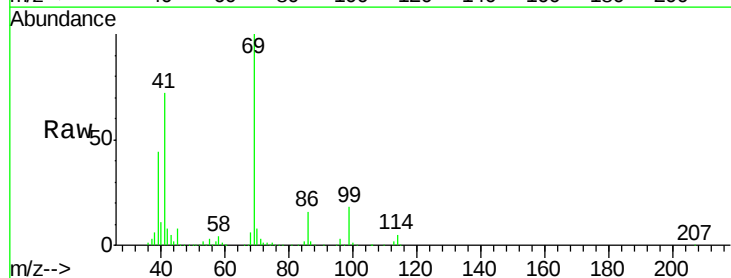
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

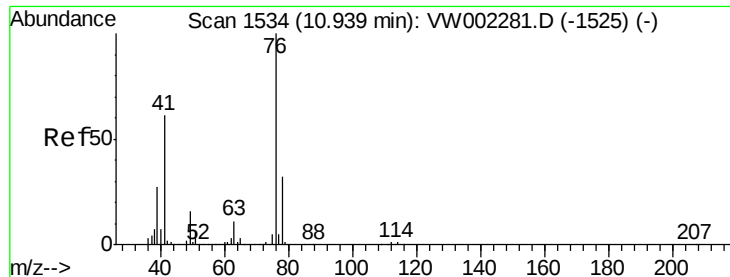
Tgt Ion: 97 Resp: 98514
 Ion Ratio Lower Upper
 97 100
 83 87.9 68.4 102.6
 85 56.8 44.6 67.0
 99 59.6 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 52.43 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion: 69 Resp: 128627
 Ion Ratio Lower Upper
 69 100
 41 69.6 56.0 84.0
 39 41.3 32.7 49.1

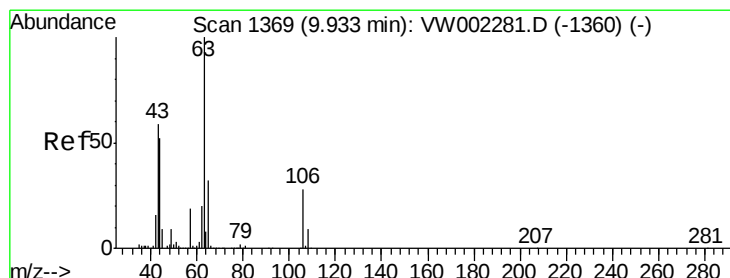
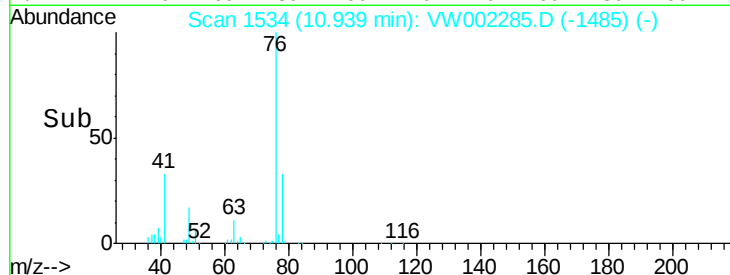
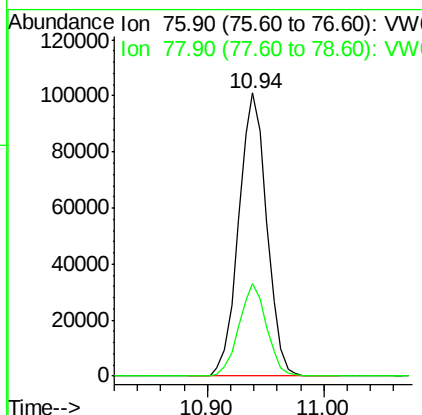
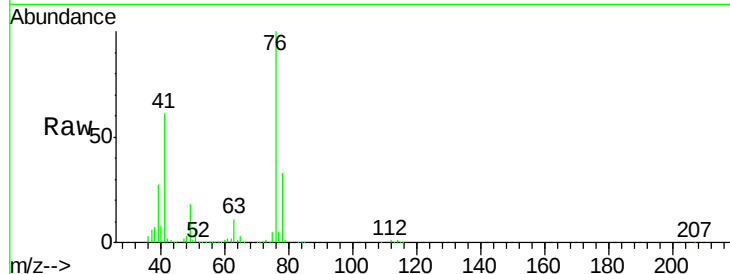




#57
 1,3-Dichloropropane
 Concen: 50.30 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

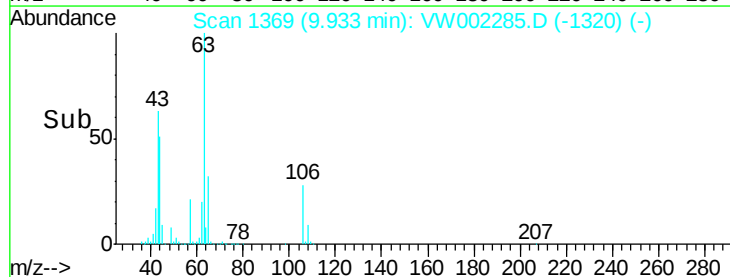
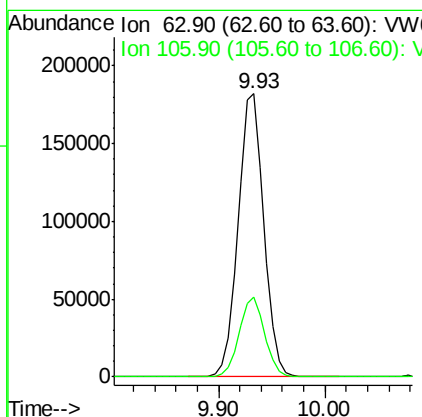
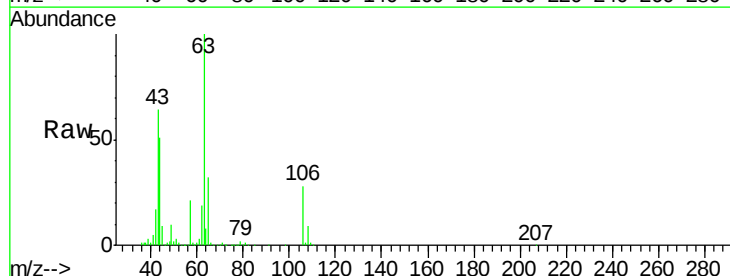
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

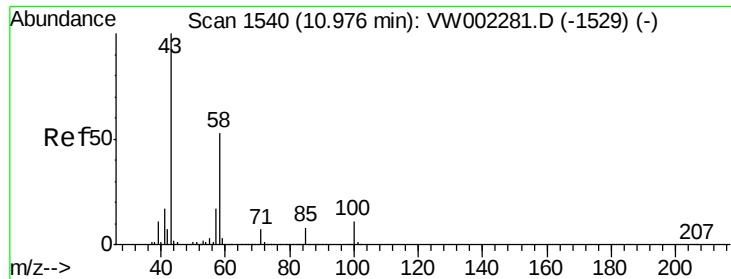
Tgt Ion: 76 Resp: 169709
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.50 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion: 63 Resp: 307816
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.5 33.7

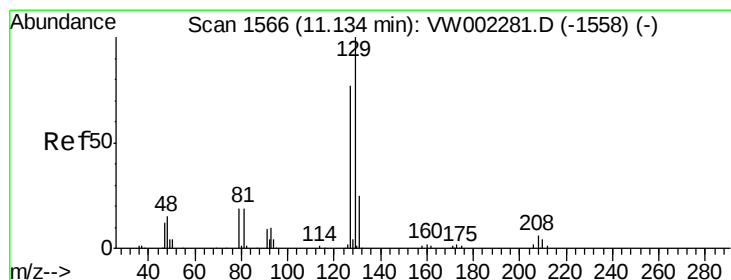
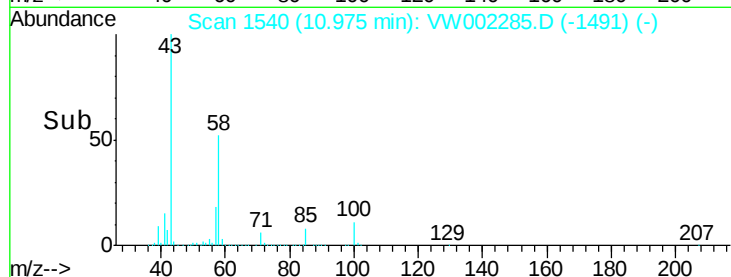
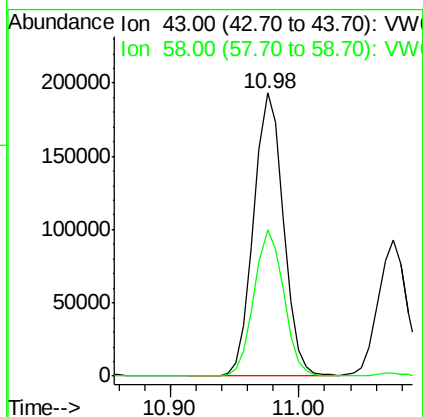
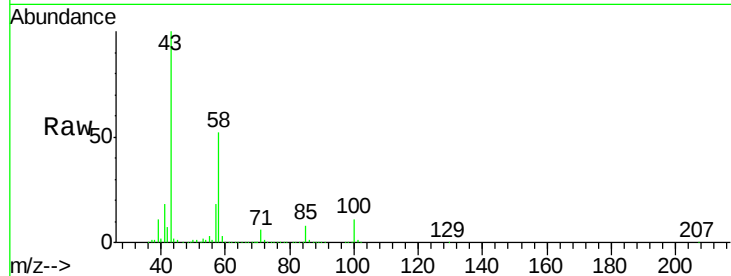




#59
2-Hexanone
Concen: 256.61 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

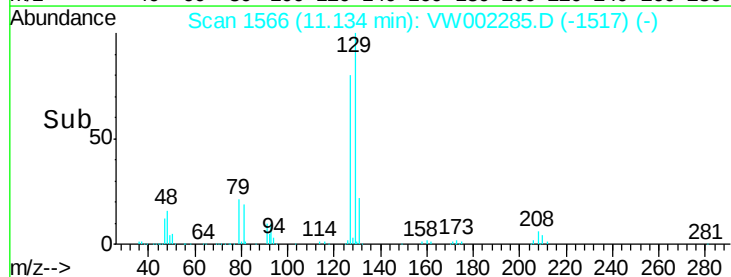
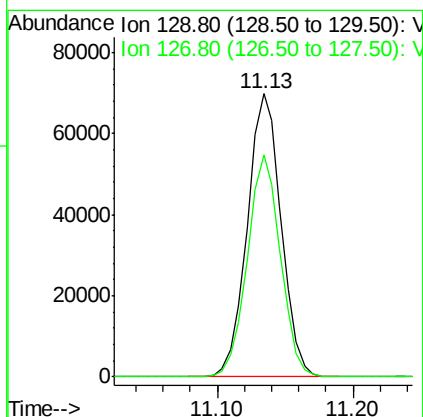
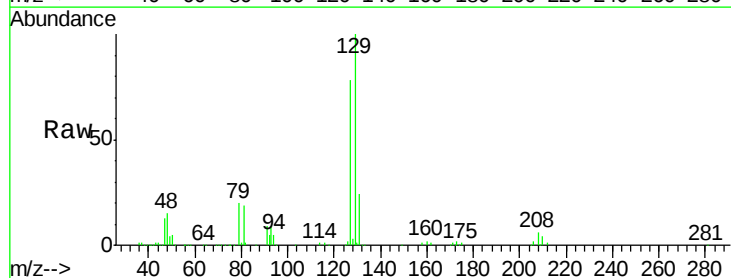
Instrument :
MSVOA_W
ClientSampled :
BFB

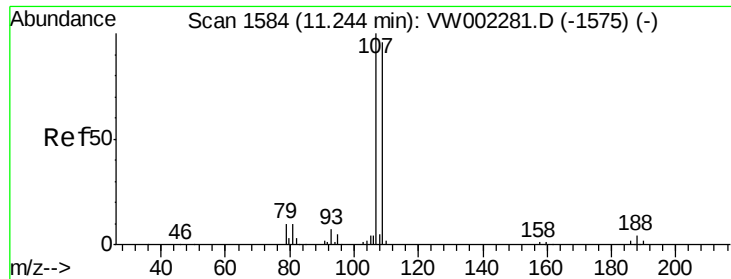
Tgt Ion: 43 Resp: 308225
Ion Ratio Lower Upper
43 100
58 51.6 26.0 78.0



#60
Dibromochloromethane
Concen: 51.89 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion: 129 Resp: 121554
Ion Ratio Lower Upper
129 100
127 76.5 39.0 116.9

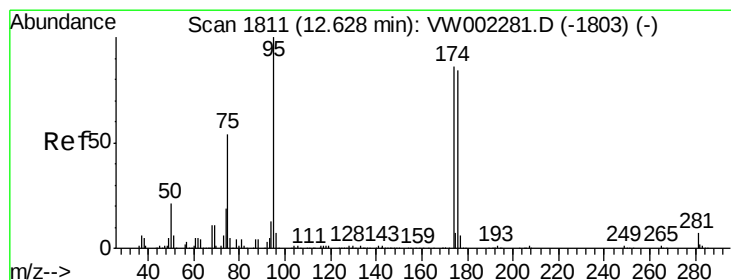
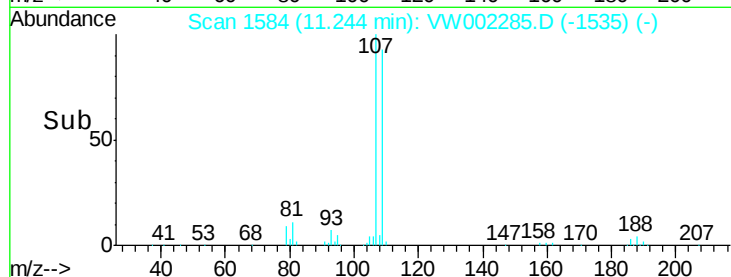
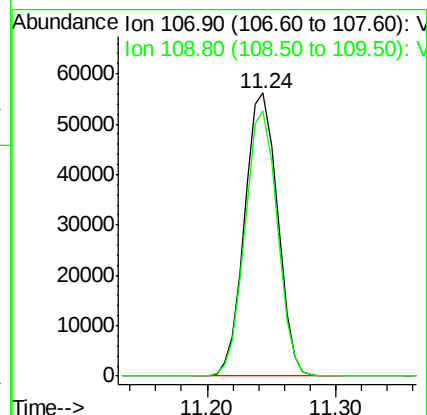
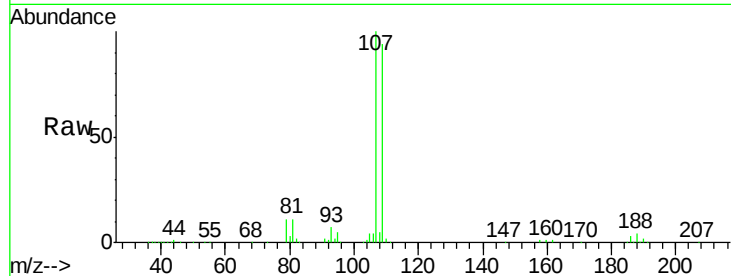




#61
 1,2-Dibromoethane
 Concen: 51.22 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

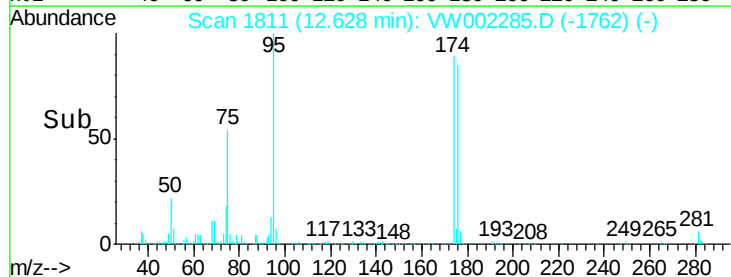
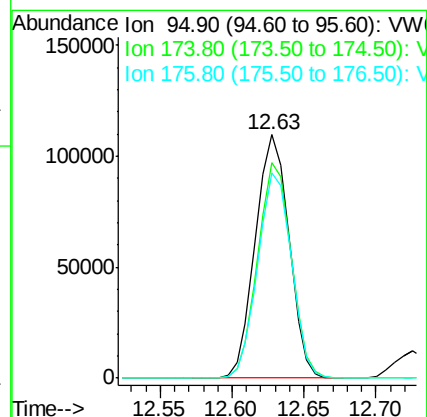
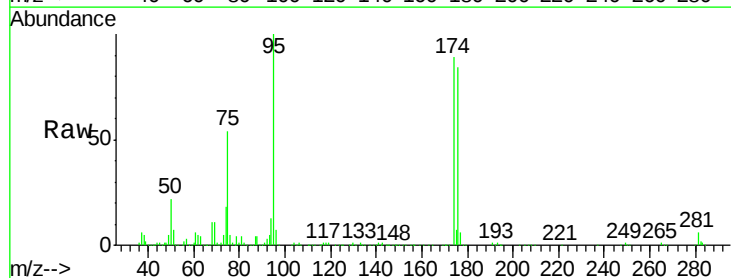
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

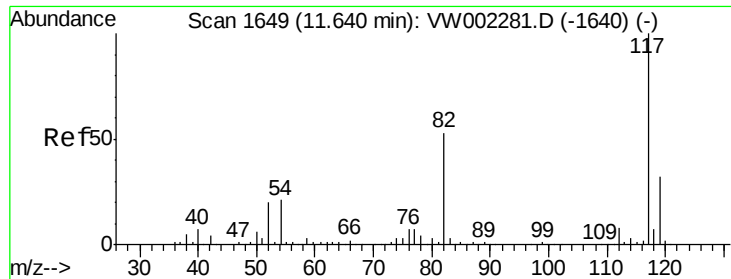
Tgt Ion: 107 Resp: 99367
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 52.61 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion: 95 Resp: 176908
 Ion Ratio Lower Upper
 95 100
 174 88.0 0.0 176.8
 176 84.7 0.0 170.4

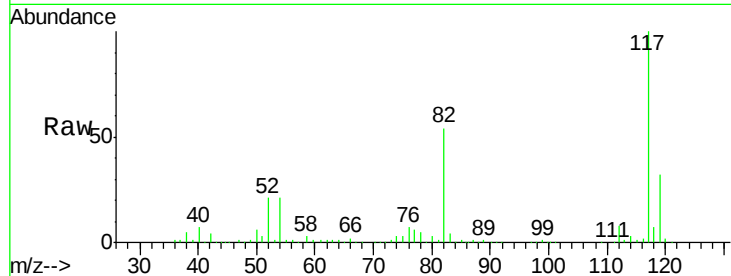




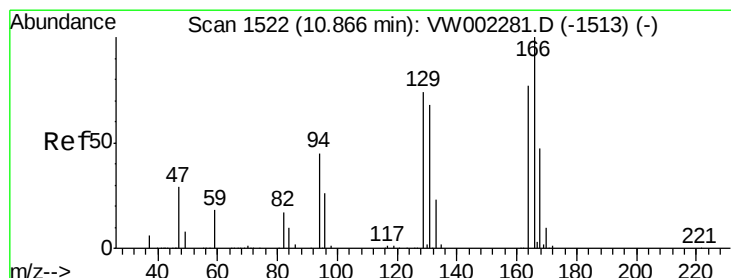
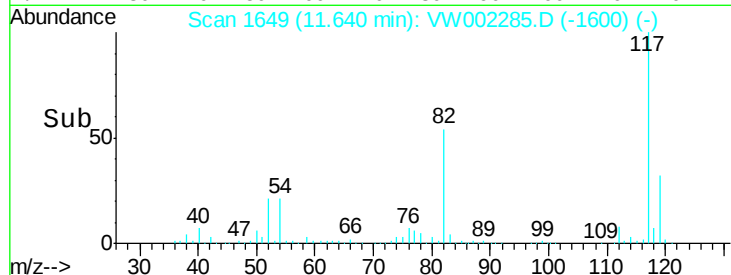
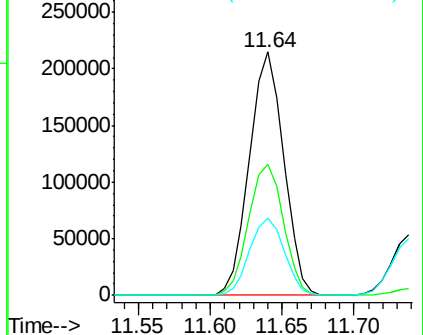
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:117 Resp: 354788
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 31.8 25.2 37.8

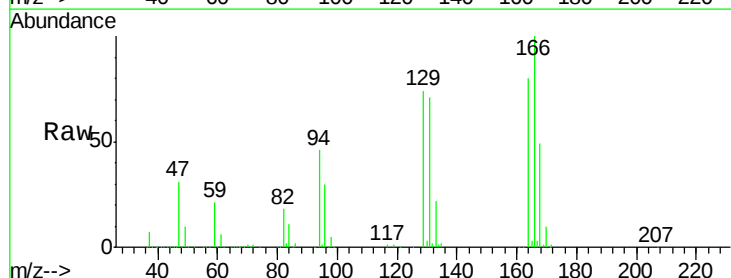


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

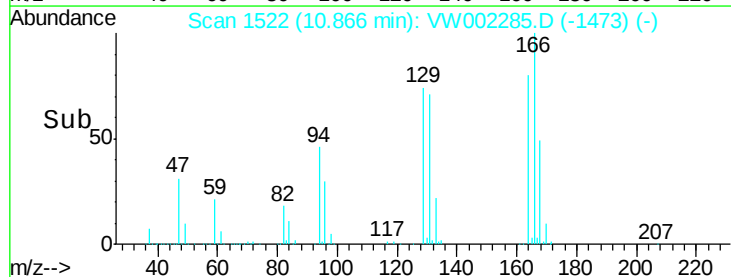
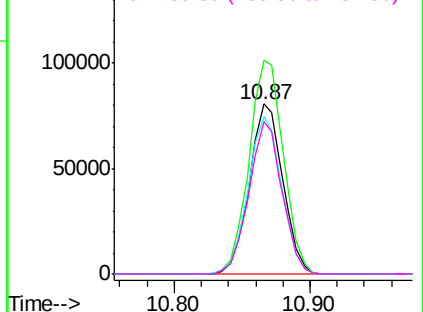


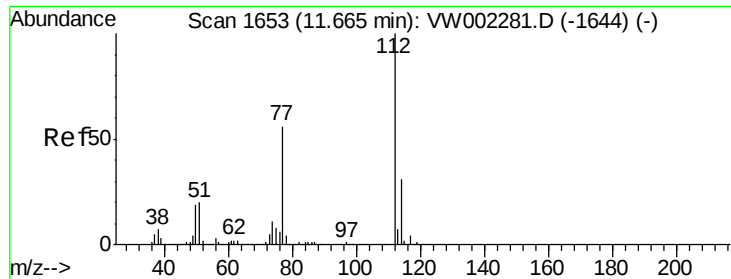
#64
Tetrachloroethene
Concen: 50.99 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion:164 Resp: 139238
Ion Ratio Lower Upper
164 100
166 125.6 103.3 154.9
129 92.4 76.6 114.8
131 89.7 70.7 106.1



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

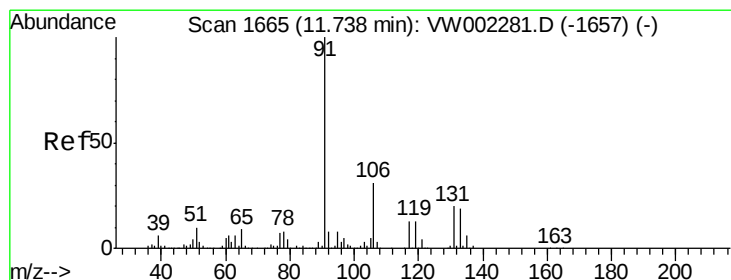
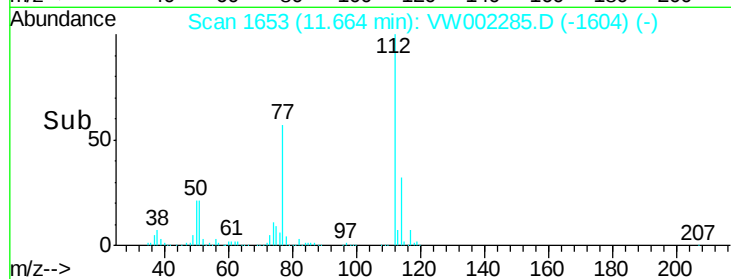
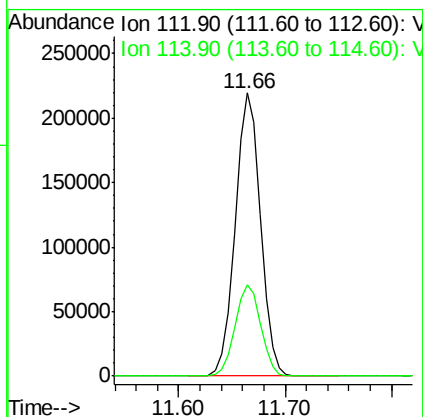
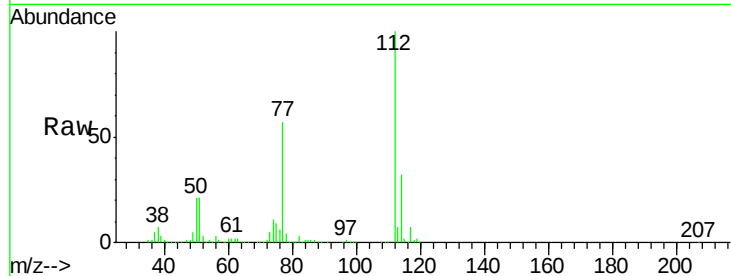




#65
Chlorobenzene
Concen: 50.32 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

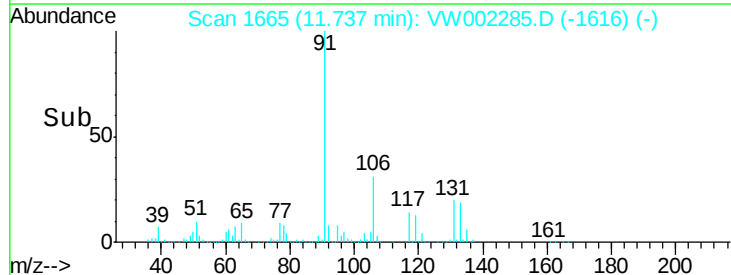
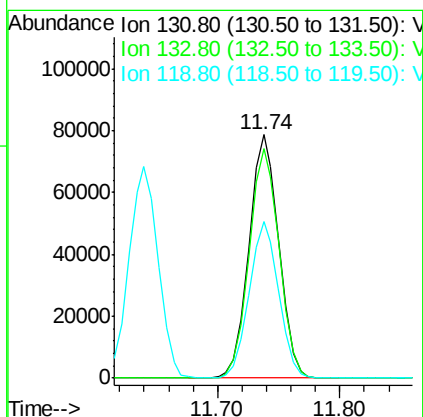
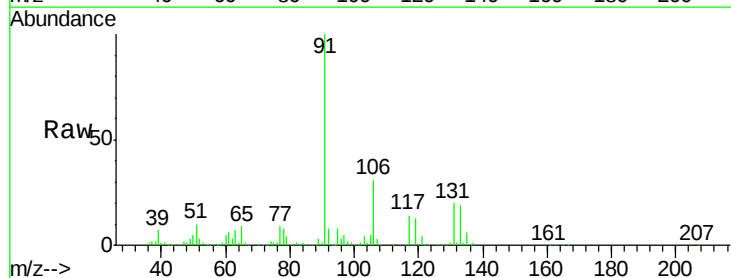
Instrument :
MSVOA_W
ClientSampleId :
BFB

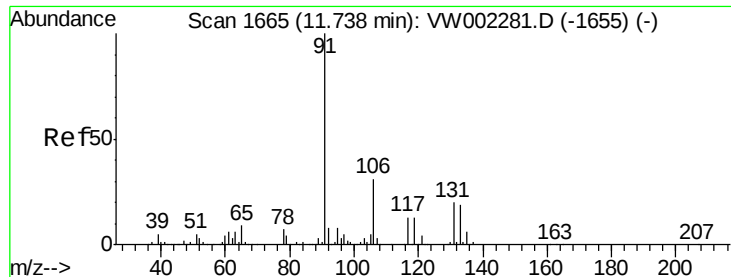
Tgt Ion:112 Resp: 364799
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.47 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion:131 Resp: 132979
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 63.6 32.0 96.0

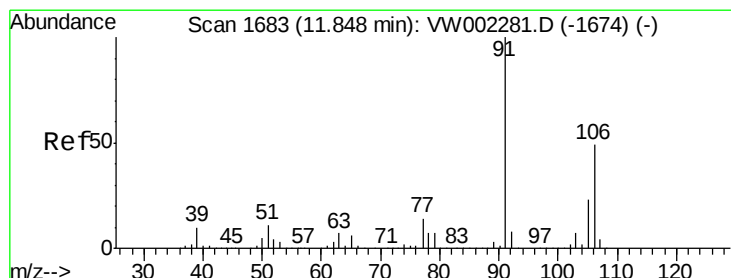
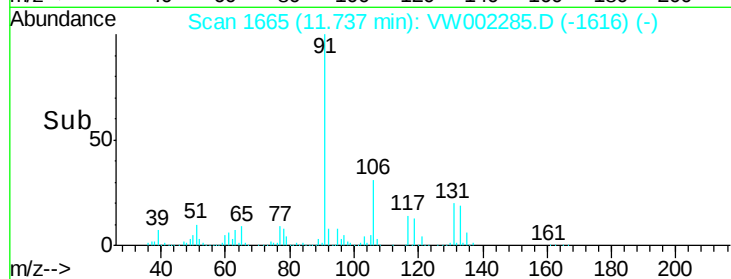
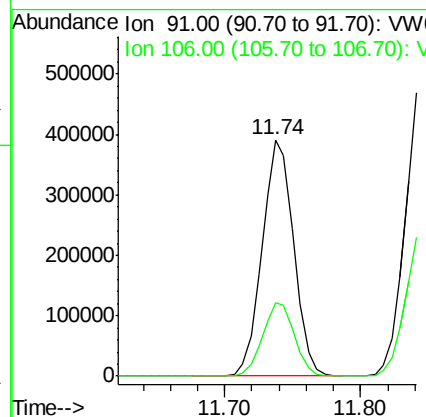
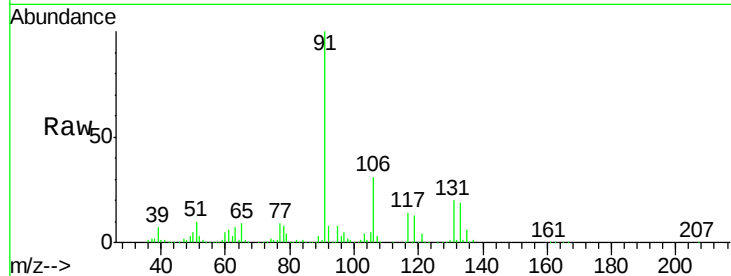




#67
Ethyl Benzene
Concen: 50.96 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

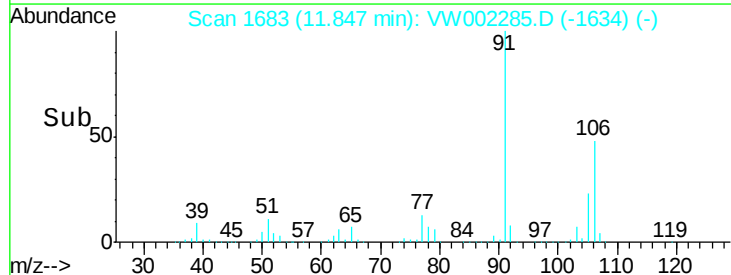
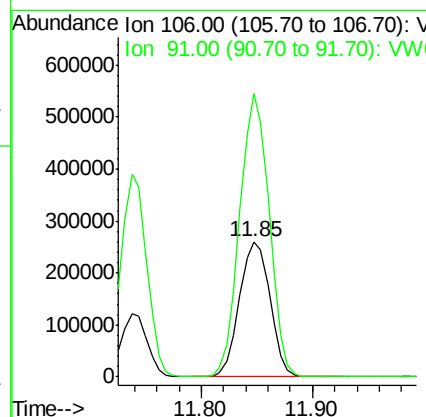
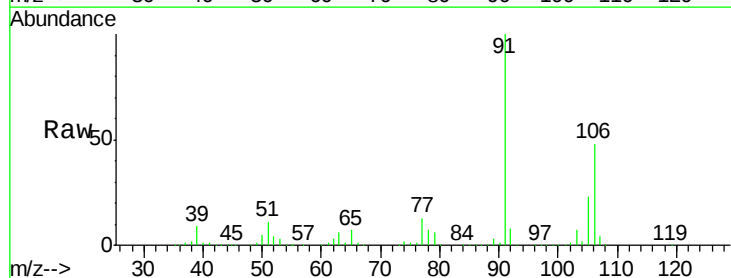
Instrument :
MSVOA_W
ClientSampled :
BFB

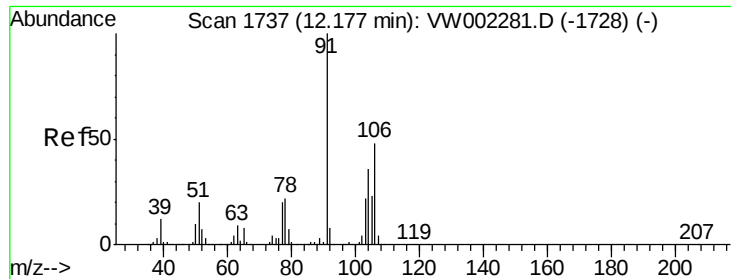
Tgt Ion: 91 Resp: 635017
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 102.84 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion: 106 Resp: 494418
Ion Ratio Lower Upper
106 100
91 202.3 161.4 242.0

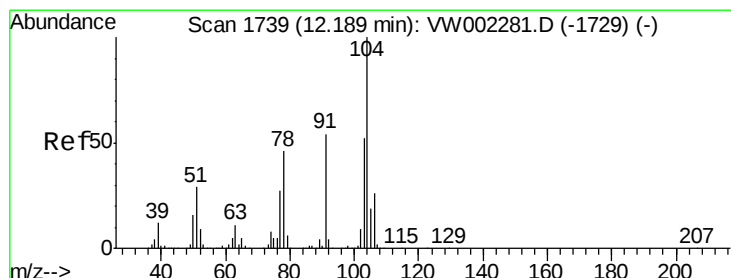
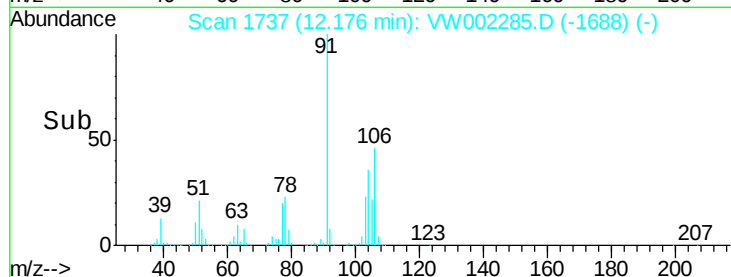
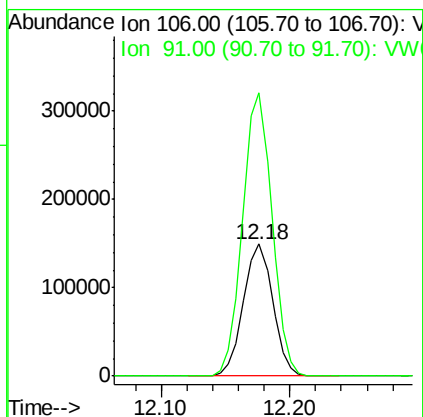
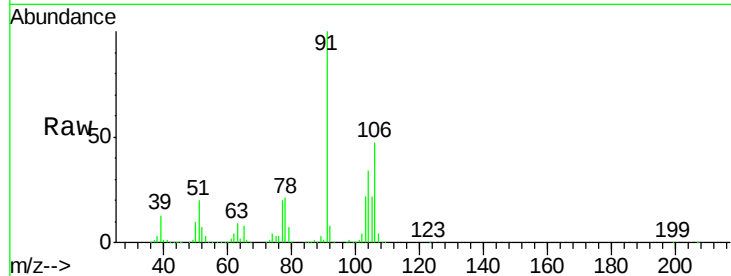




#69
o-Xylene
Concen: 51.66 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

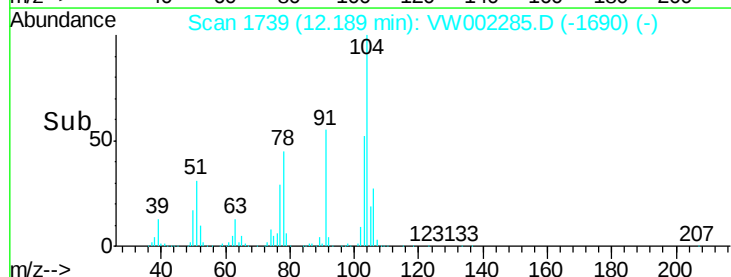
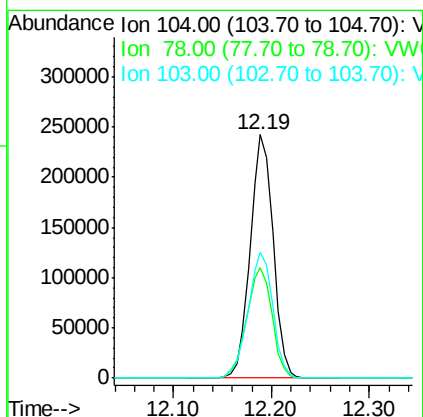
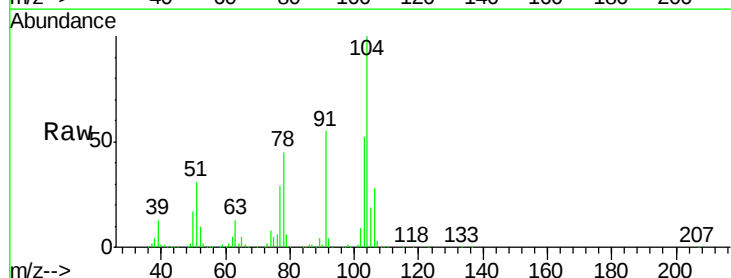
Instrument :
MSVOA_W
ClientSampled :
BFB

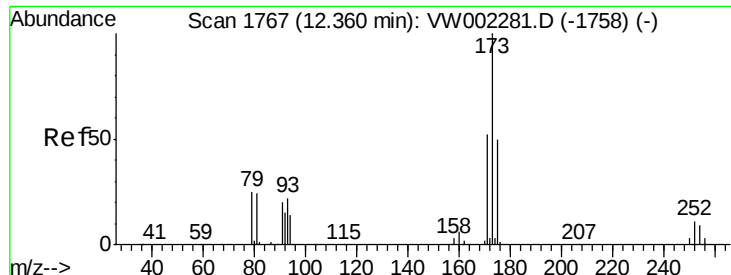
Tgt Ion:106 Resp: 236198
Ion Ratio Lower Upper
106 100
91 213.9 107.1 321.1



#70
Styrene
Concen: 51.71 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion:104 Resp: 392590
Ion Ratio Lower Upper
104 100
78 50.2 39.6 59.4
103 56.0 44.4 66.6





#71

Bromoform

Concen: 51.34 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

BFB

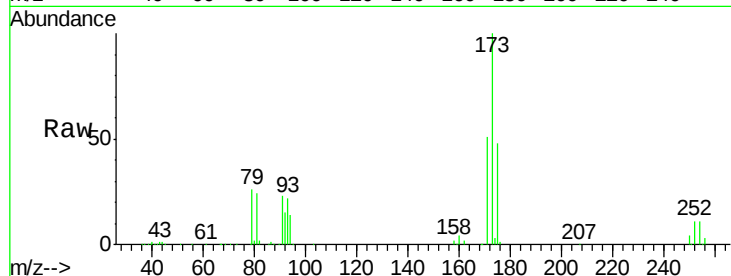
Tgt Ion:173 Resp: 76073

Ion Ratio Lower Upper

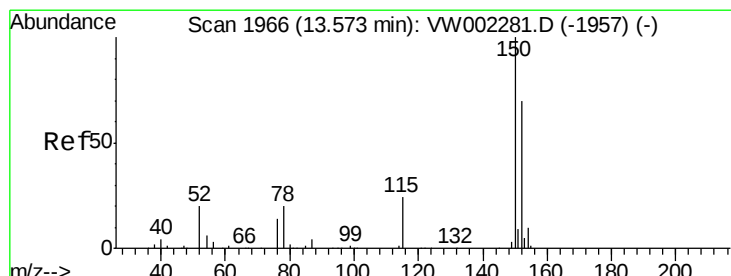
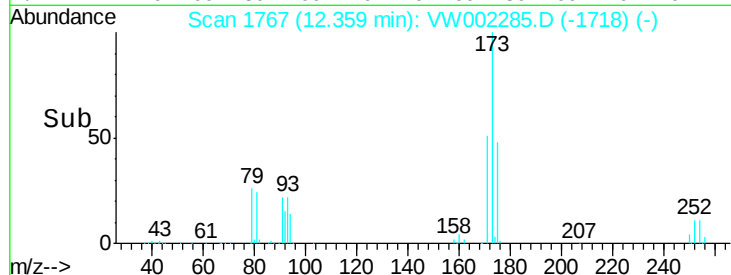
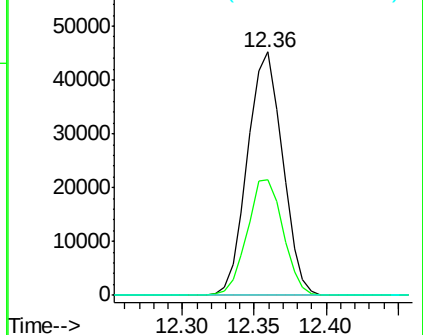
173 100

175 48.6 24.3 72.9

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: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

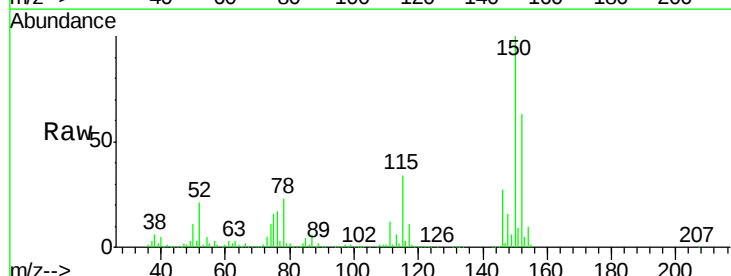
Tgt Ion:152 Resp: 195057

Ion Ratio Lower Upper

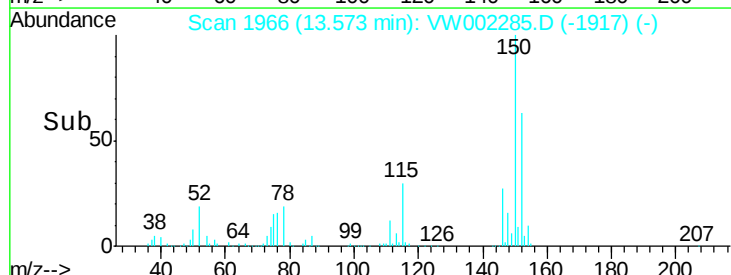
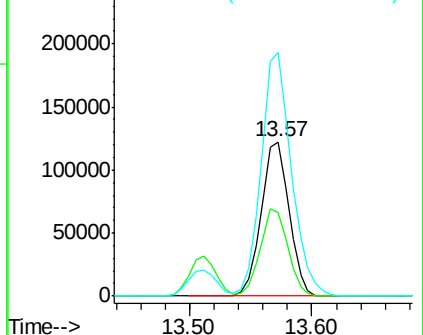
152 100

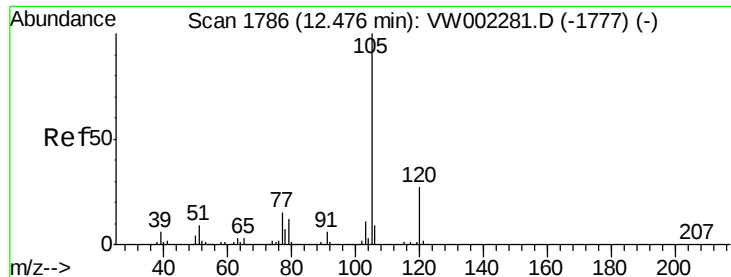
115 56.2 28.5 85.5

150 170.7 0.0 342.6



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: 50.92 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

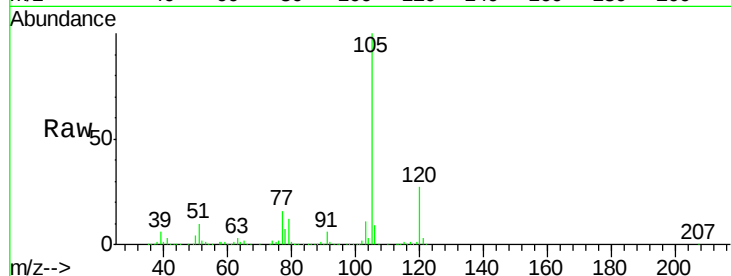
BFB

Tgt Ion: 105 Resp: 645197

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

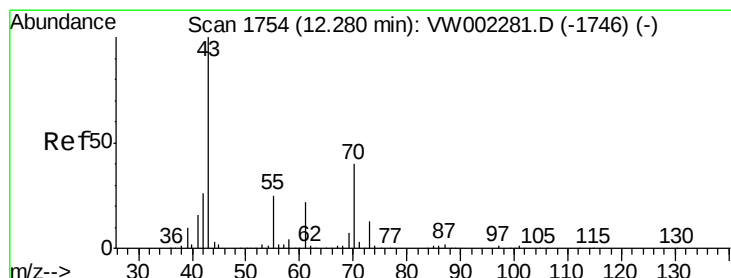
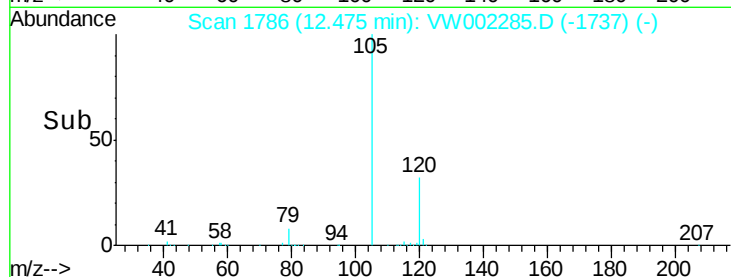
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 51.76 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. 0.01 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Tgt Ion: 43 Resp: 164118

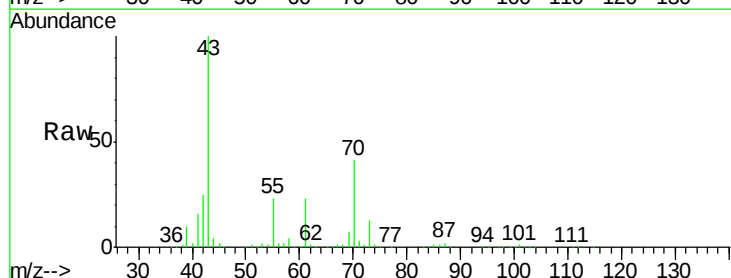
Ion Ratio Lower Upper

43 100

70 41.3 31.9 47.9

55 24.2 19.9 29.9

61 23.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

150000

100000

50000

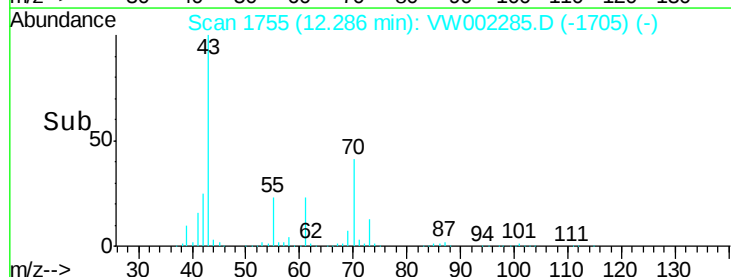
0

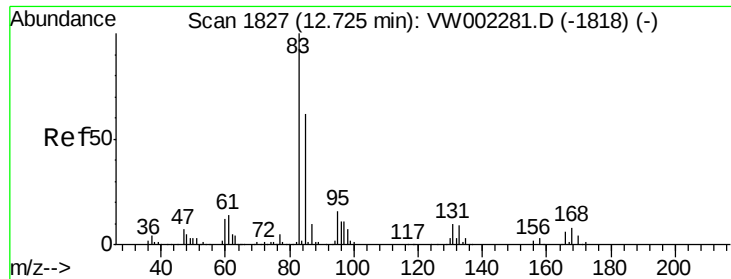
12.20

12.29

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.85 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

BFB

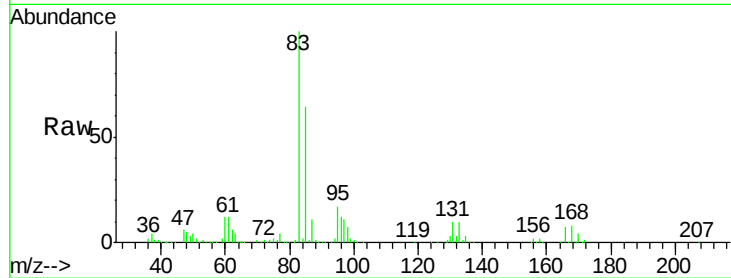
Tgt Ion: 83 Resp: 119623

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.5

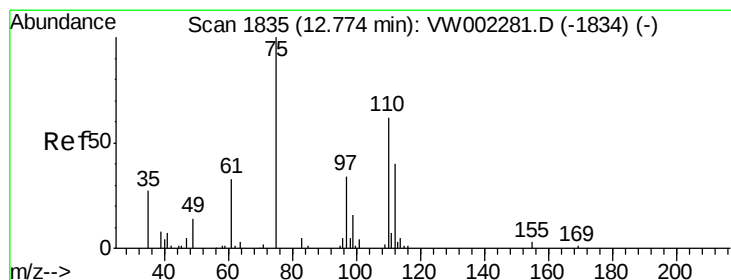
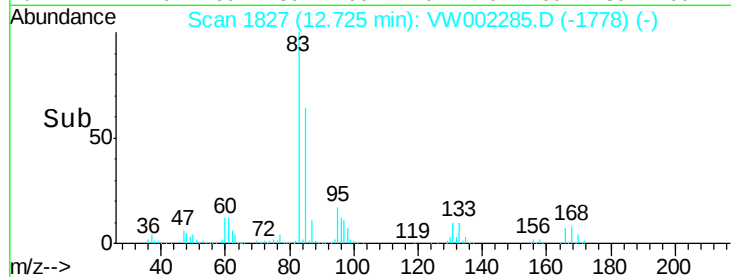
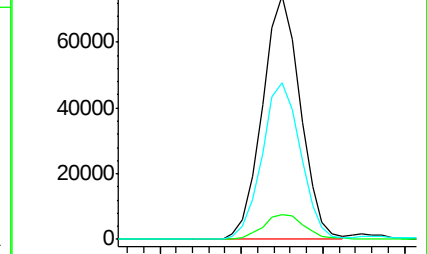
85 65.2 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 89.76 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002285.D

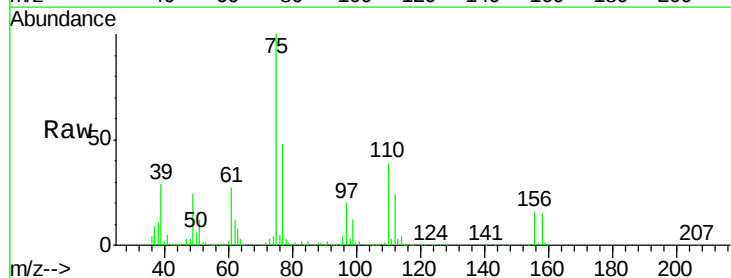
Acq: 08 May 2018 02:41

Tgt Ion: 75 Resp: 155265

Ion Ratio Lower Upper

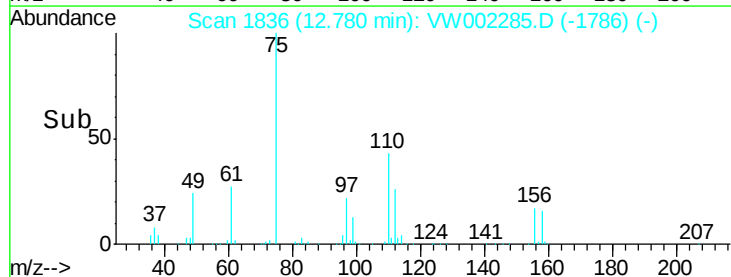
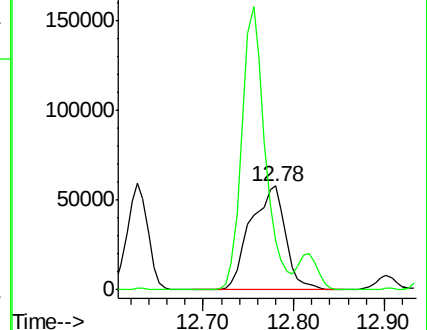
75 100

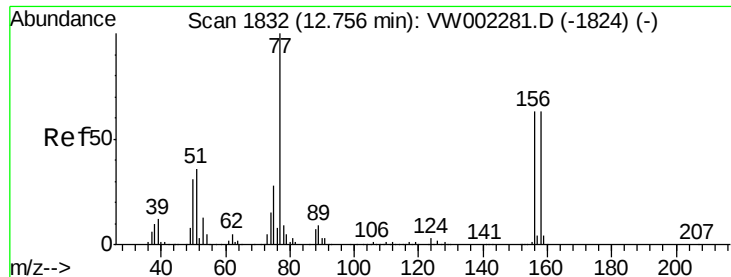
77 0.0 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.15 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

BFB

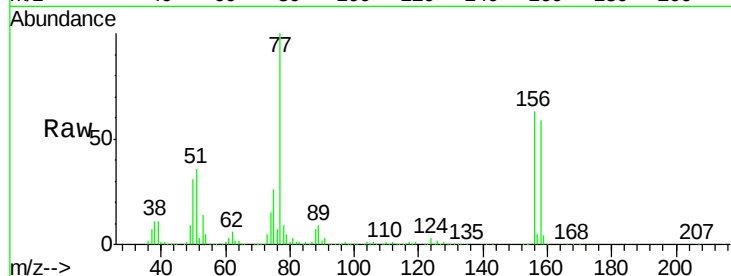
Tgt Ion:156 Resp: 160163

Ion Ratio Lower Upper

156 100

77 177.1 87.7 263.1

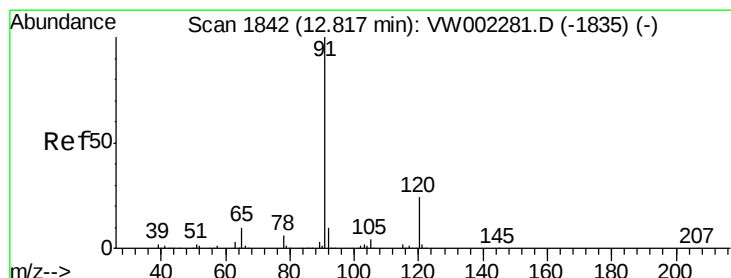
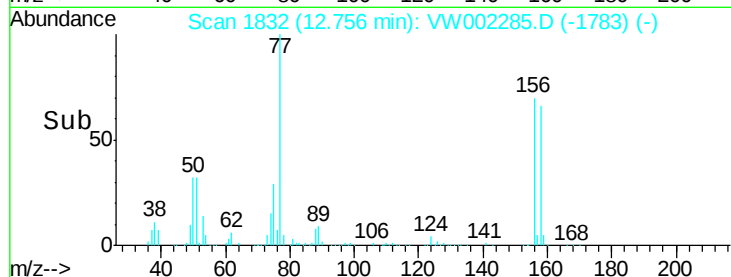
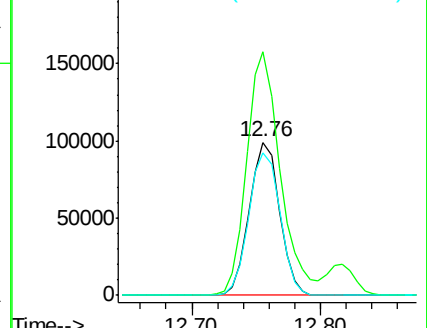
158 96.7 48.6 145.8



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: 51.54 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002285.D

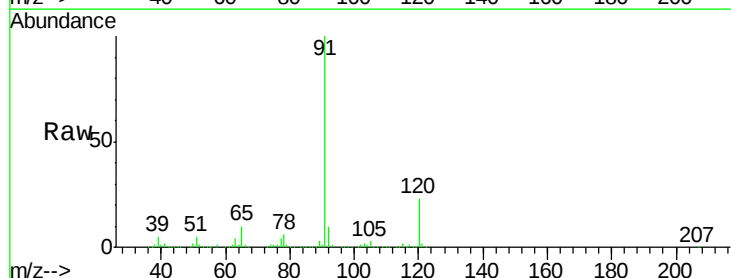
Acq: 08 May 2018 02:41

Tgt Ion: 91 Resp: 774105

Ion Ratio Lower Upper

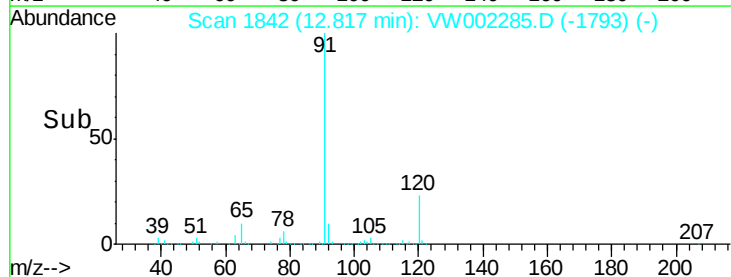
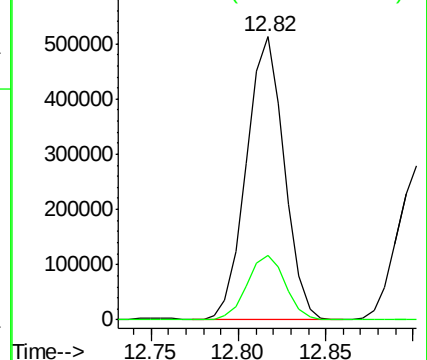
91 100

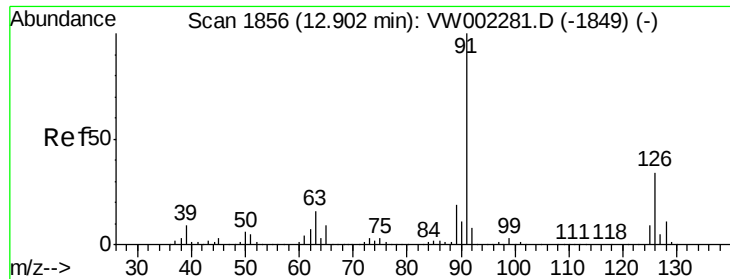
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

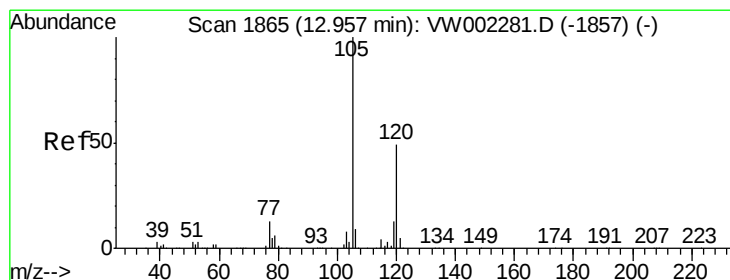
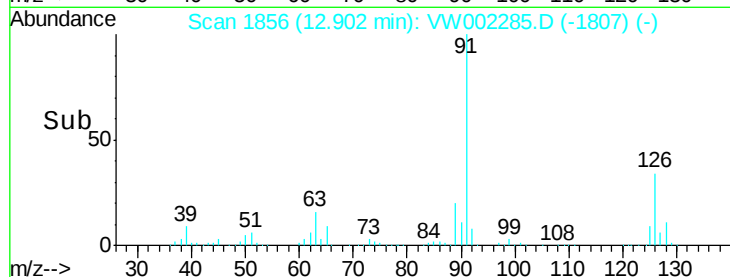
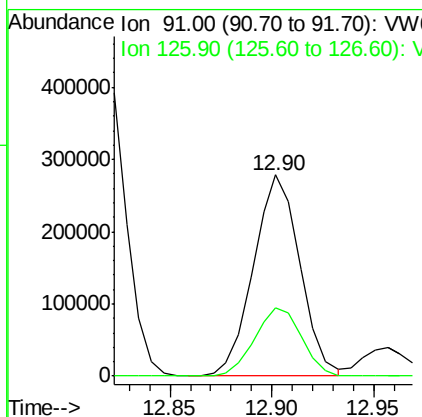
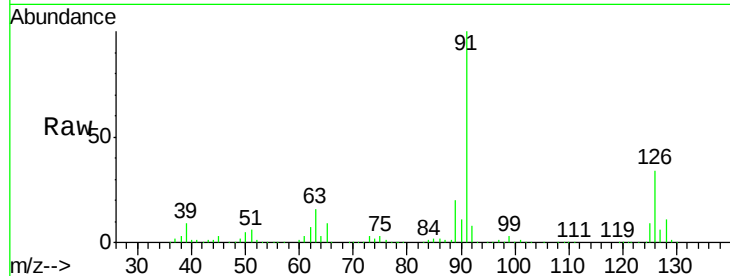




#79
 2-Chlorotoluene
 Concen: 51.03 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

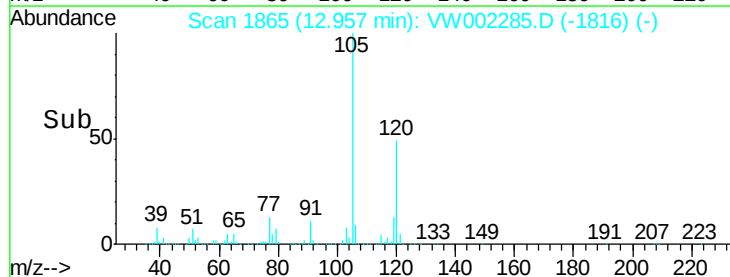
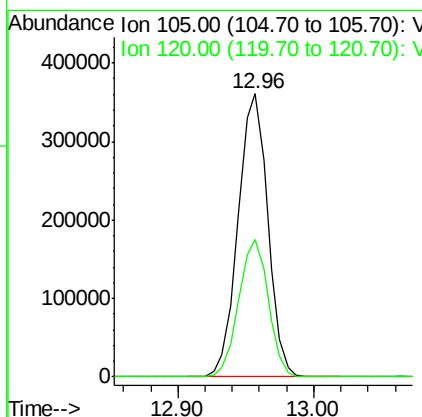
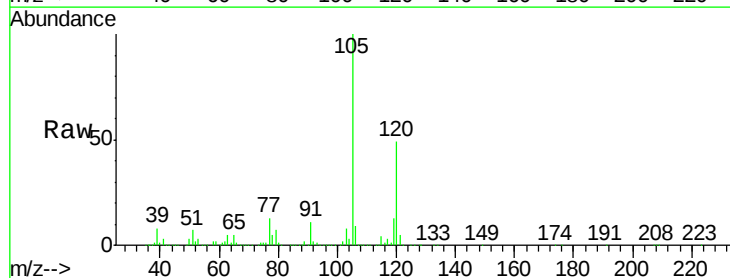
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

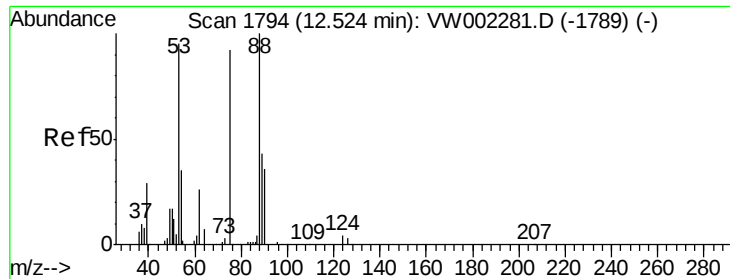
Tgt Ion: 91 Resp: 441385
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.55 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion: 105 Resp: 549444
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.19 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

BFB

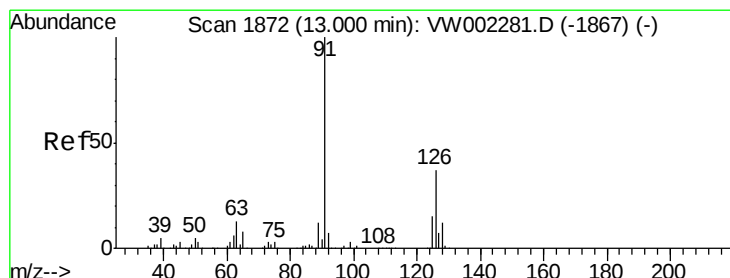
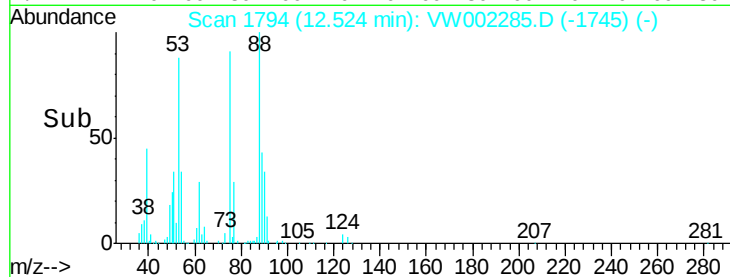
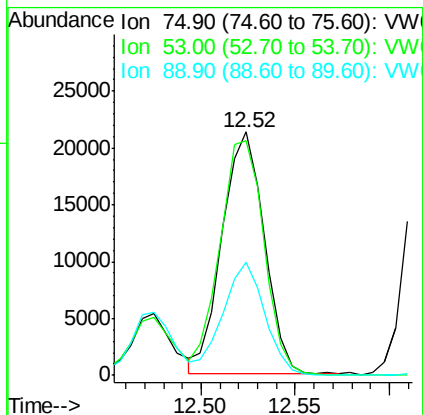
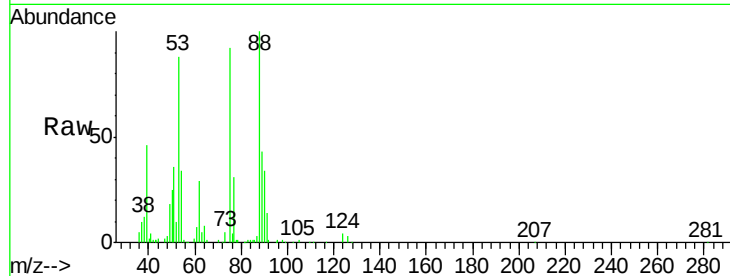
Tgt Ion: 75 Resp: 32960

Ion Ratio Lower Upper

75 100

53 102.8 79.9 119.9

89 47.2 37.6 56.4



#82

4-Chlorotoluene

Concen: 51.22 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002285.D

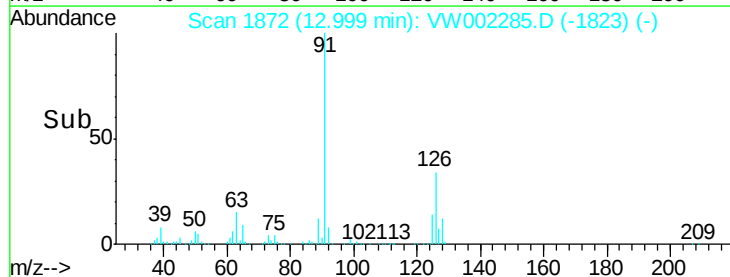
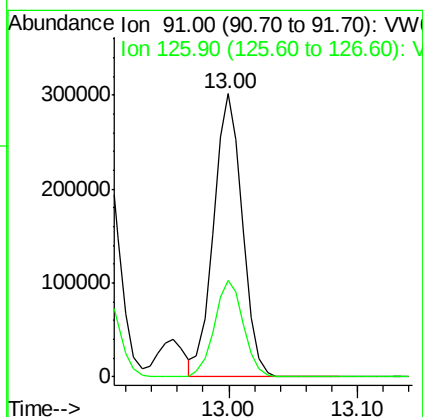
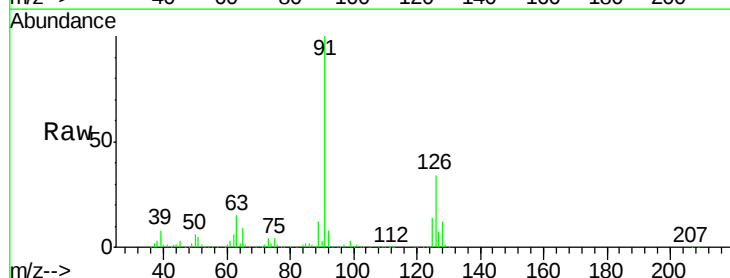
Acq: 08 May 2018 02:41

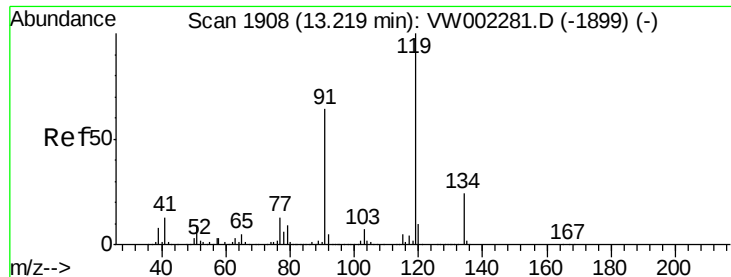
Tgt Ion: 91 Resp: 471162

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.3

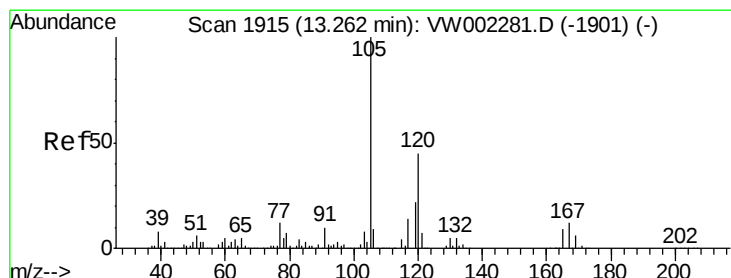
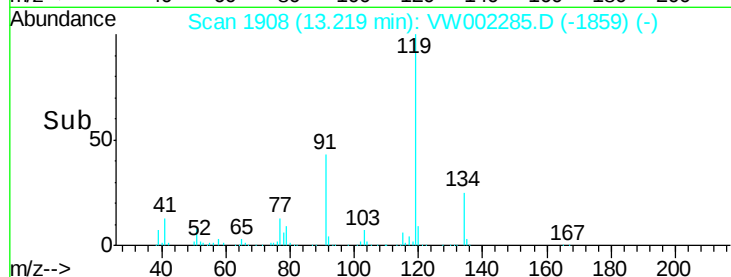
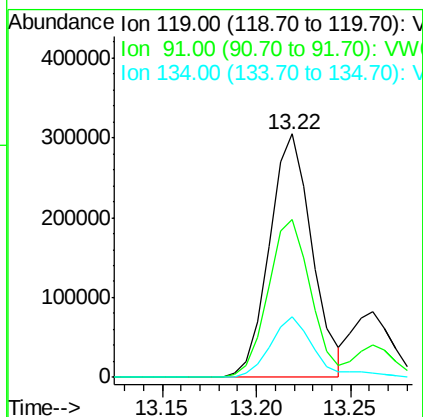
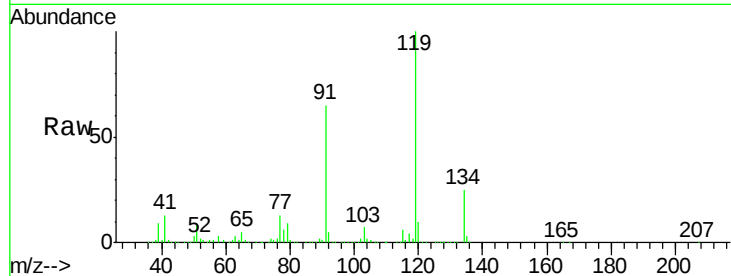




#83
 tert-Butylbenzene
 Concen: 52.14 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

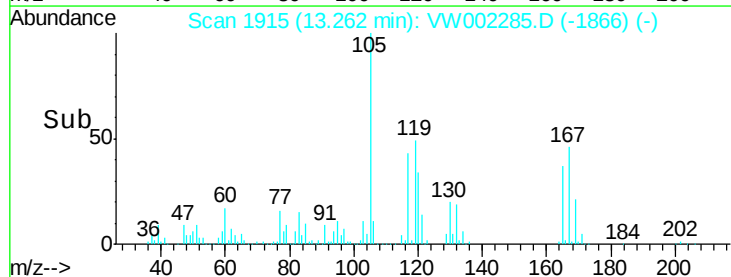
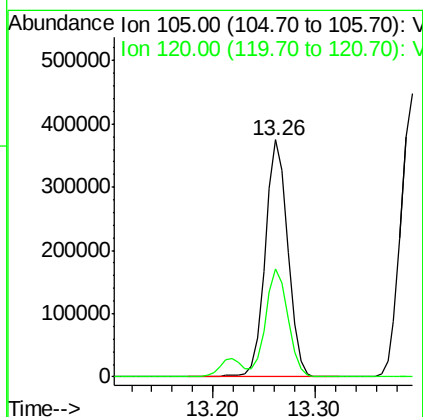
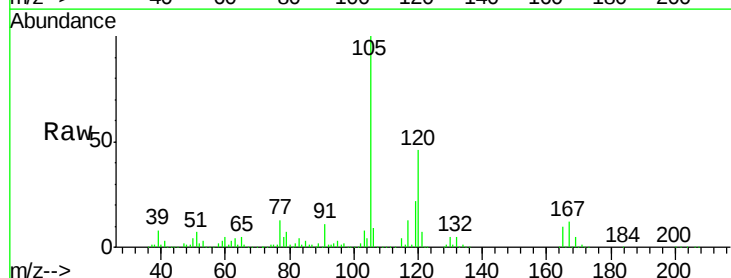
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

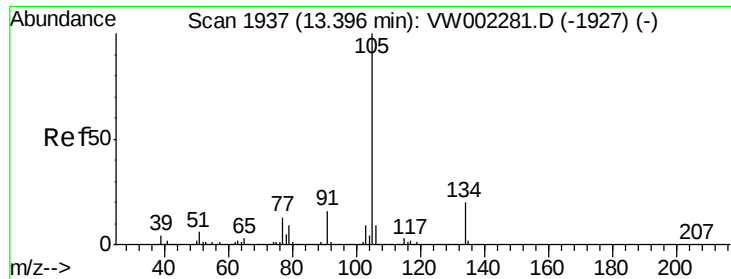
Tgt Ion:119 Resp: 478414
 Ion Ratio Lower Upper
 119 100
 91 64.8 31.6 94.8
 134 26.0 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.92 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion:105 Resp: 573746
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.5 67.5

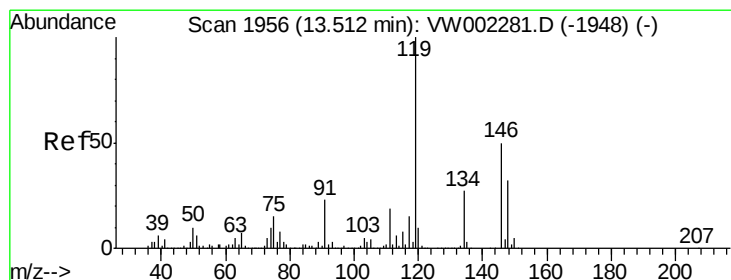
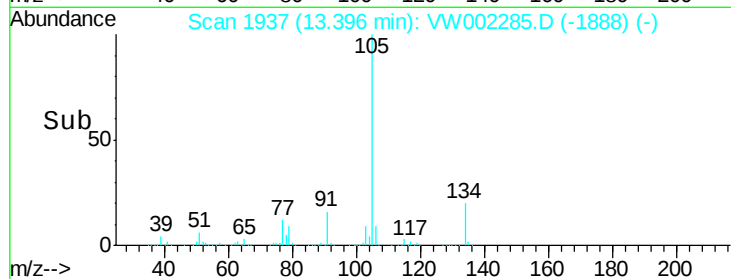
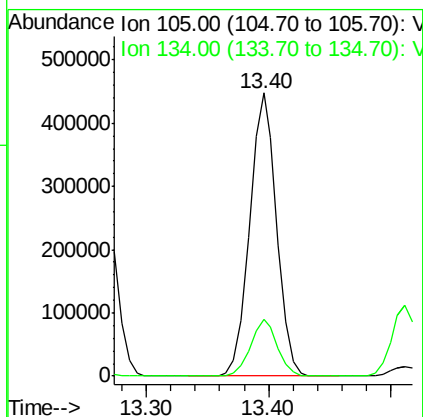
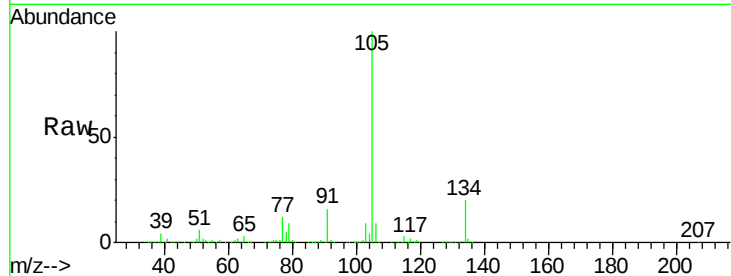




#85
 sec-Butylbenzene
 Concen: 52.04 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

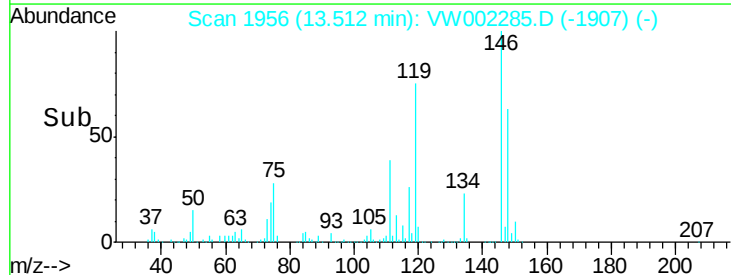
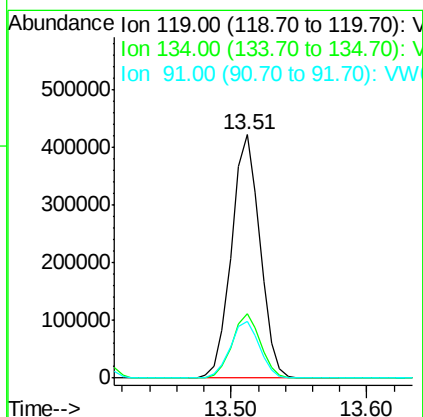
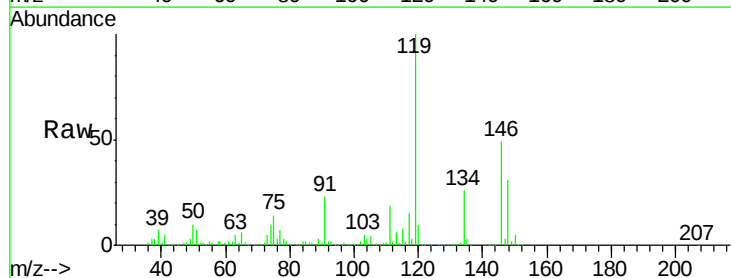
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

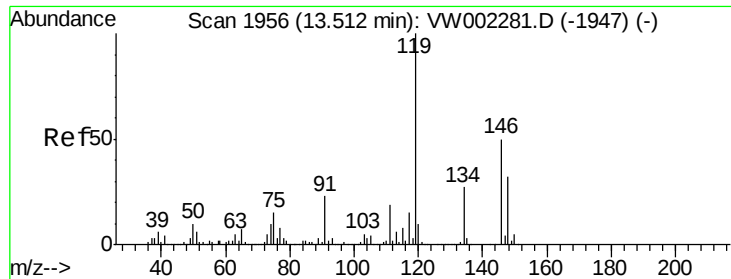
Tgt Ion:105 Resp: 681725
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.44 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion:119 Resp: 614212
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.7 11.8 35.3

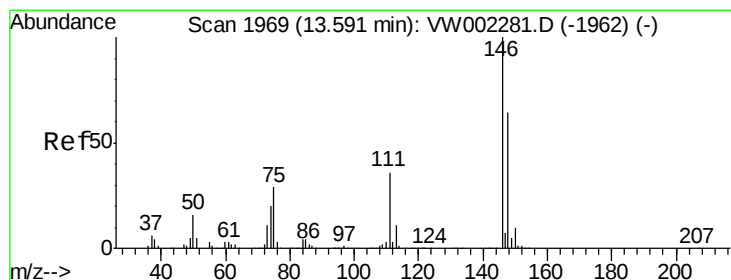
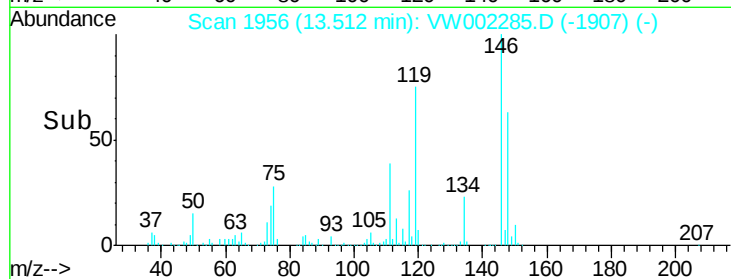
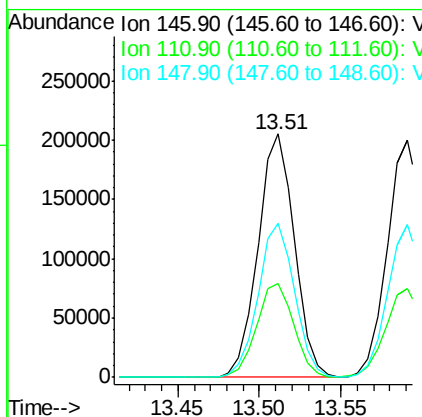
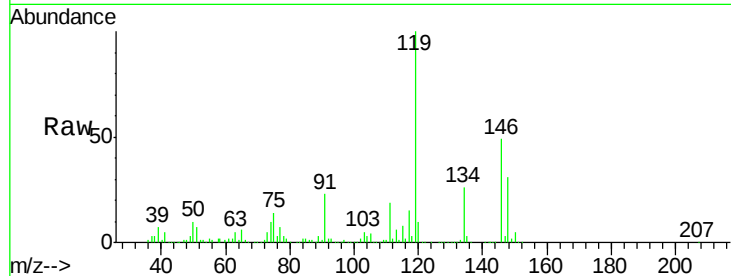




#87
 1,3-Dichlorobenzene
 Concen: 50.44 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

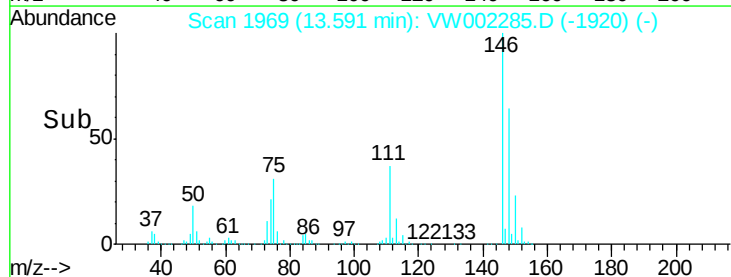
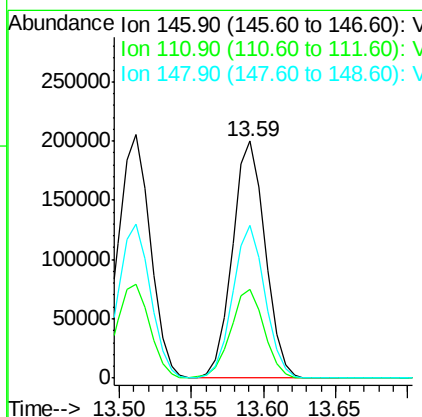
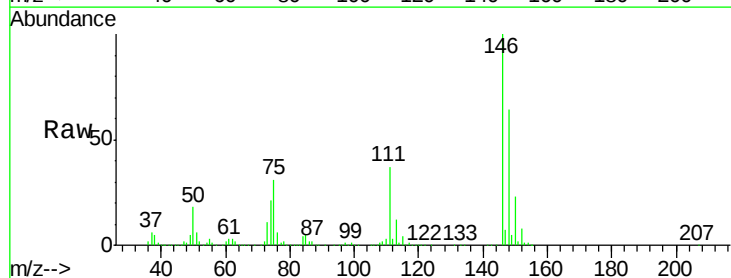
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

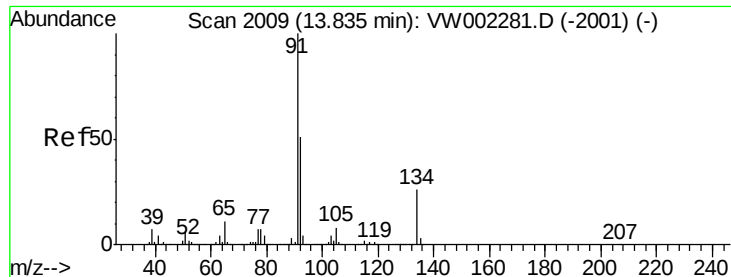
Tgt Ion:146 Resp: 318883
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.3 57.8
 148 63.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.27 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002285.D
 Acq: 08 May 2018 02:41

Tgt Ion:146 Resp: 317269
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.6 32.3 96.9





#89

n-Butylbenzene

Concen: 52.52 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampled :

BFB

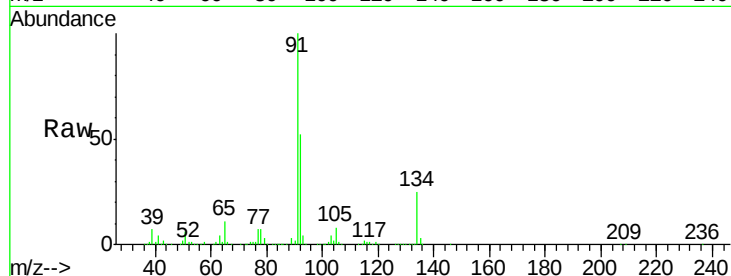
Tgt Ion: 91 Resp: 575680

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

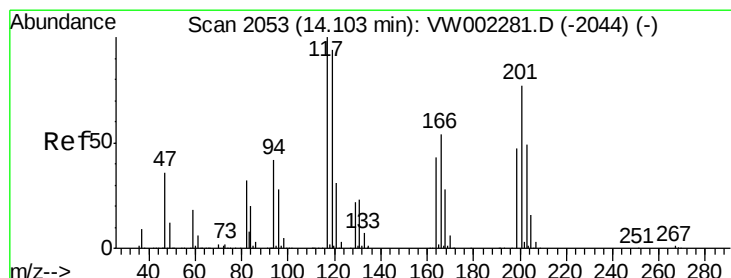
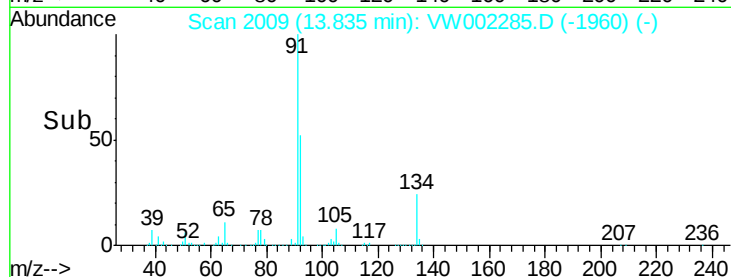
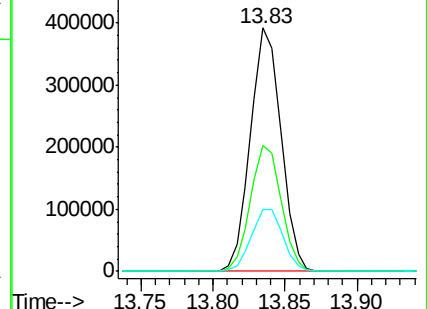
134 26.1 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 53.30 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW002285.D

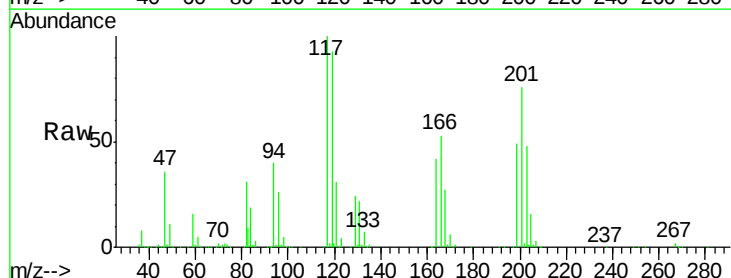
Acq: 08 May 2018 02:41

Tgt Ion: 117 Resp: 111636

Ion Ratio Lower Upper

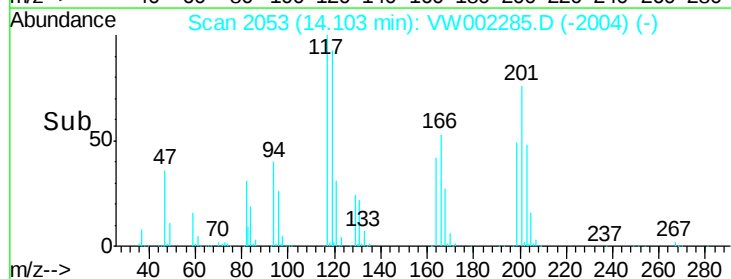
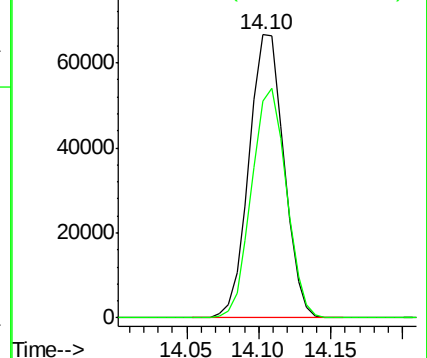
117 100

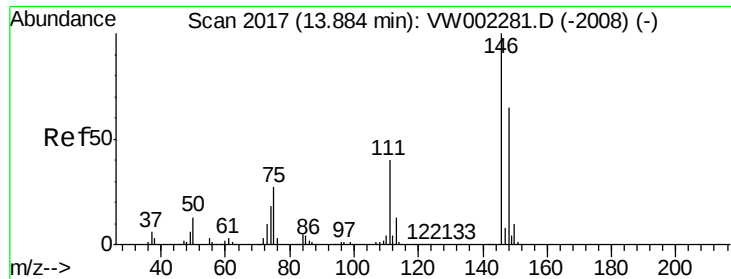
201 80.6 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.37 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

BFB

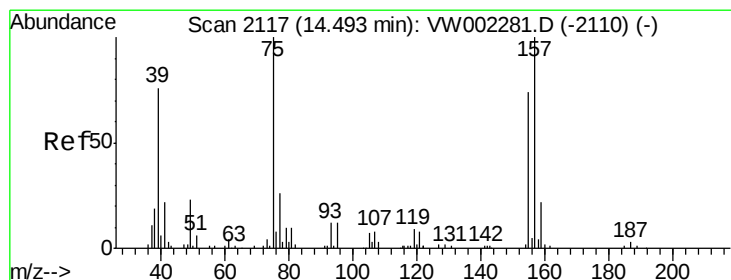
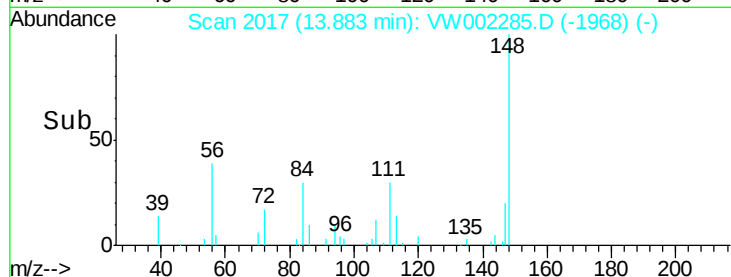
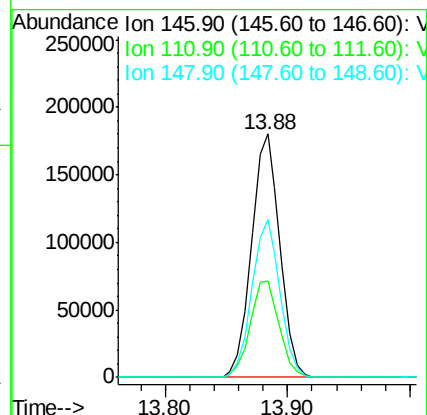
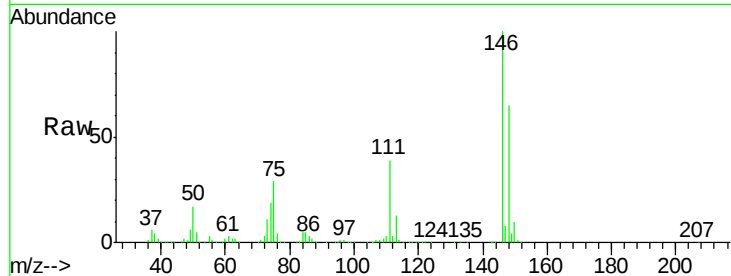
Tgt Ion:146 Resp: 288925

Ion Ratio Lower Upper

146 100

111 40.6 20.0 59.9

148 64.5 32.5 97.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.96 ug/l

RT: 14.50 min Scan# 2118

Delta R.T. 0.01 min

Lab File: VW002285.D

Acq: 08 May 2018 02:41

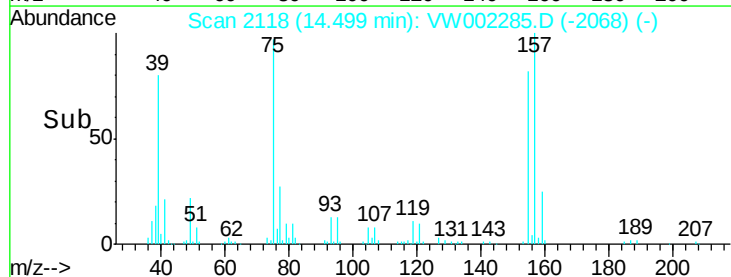
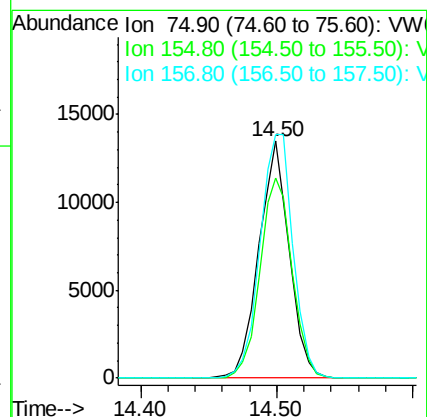
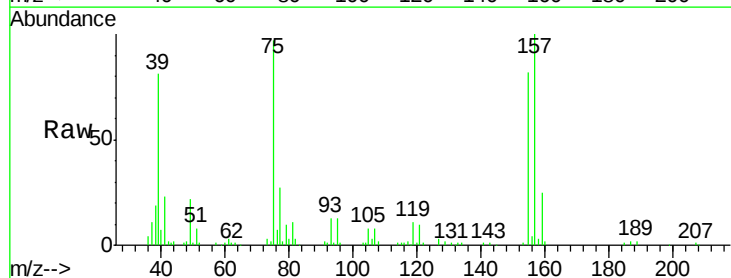
Tgt Ion: 75 Resp: 21153

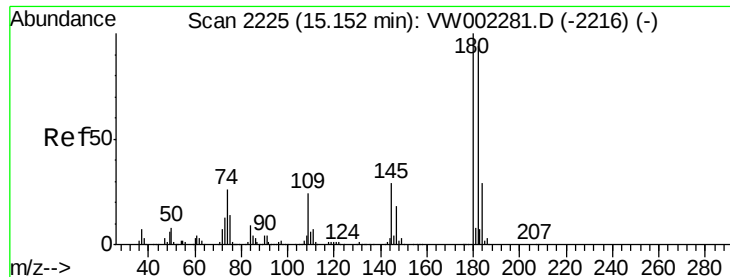
Ion Ratio Lower Upper

75 100

155 89.0 43.3 129.8

157 111.4 55.8 167.4

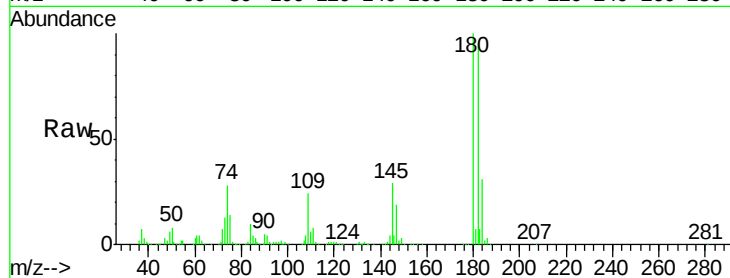




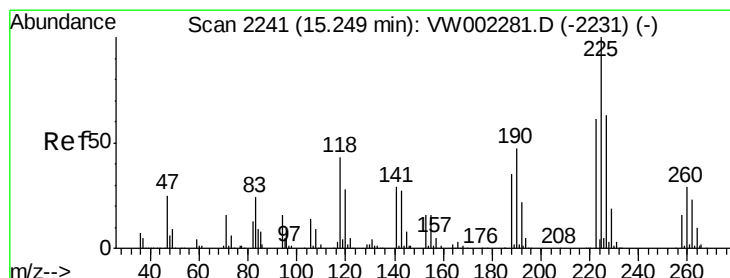
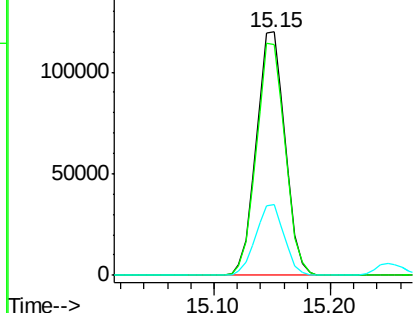
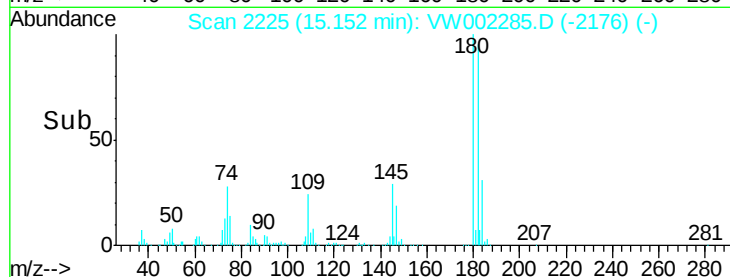
#93
1,2,4-Trichlorobenzene
Concen: 50.25 ug/l
RT: 15.15 min Scan# 2225
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:180 Resp: 206025
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 29.0 14.5 43.6

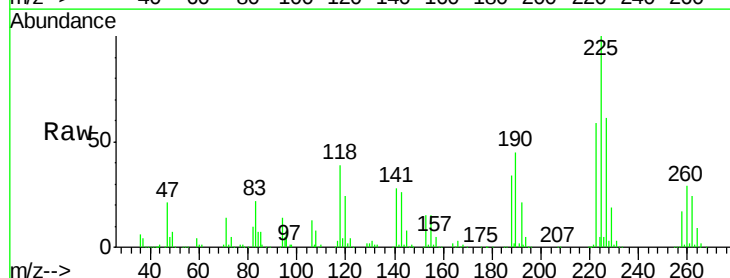


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

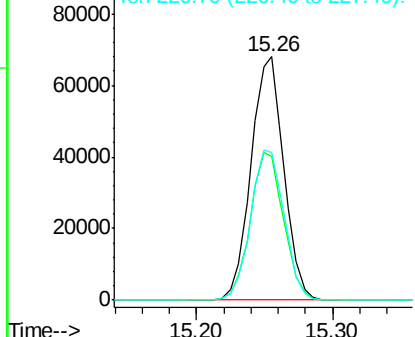
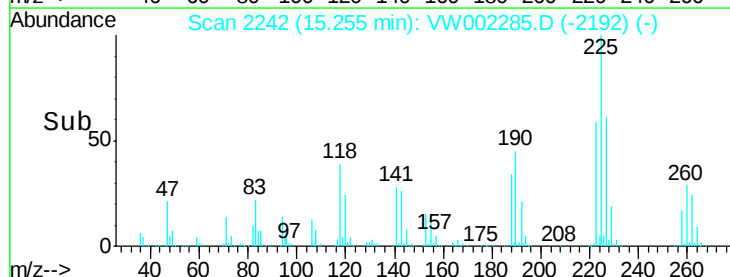


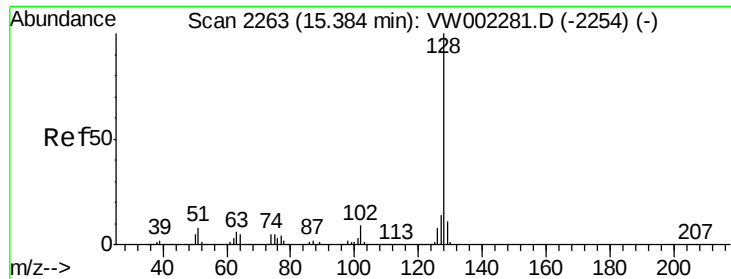
#94
Hexachlorobutadiene
Concen: 50.17 ug/l
RT: 15.26 min Scan# 2242
Delta R.T. 0.01 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion:225 Resp: 114595
Ion Ratio Lower Upper
225 100
223 61.6 30.9 92.7
227 63.2 32.0 96.0



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

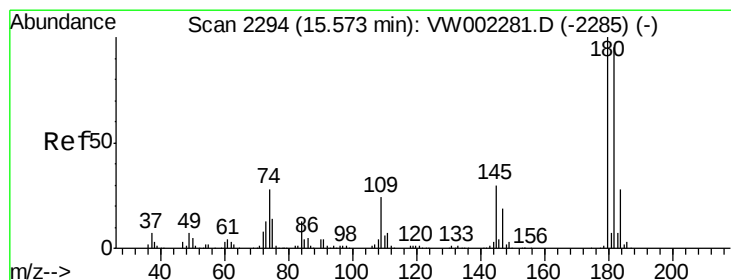
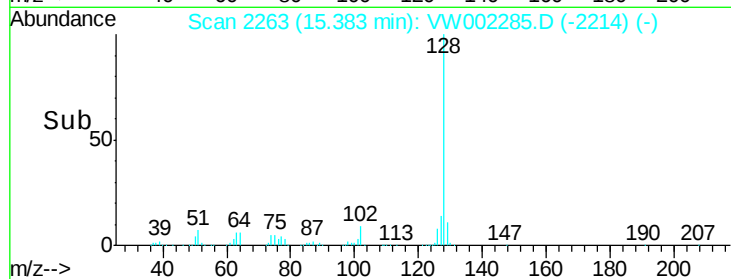
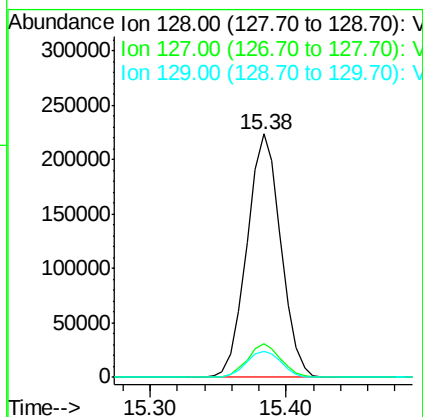
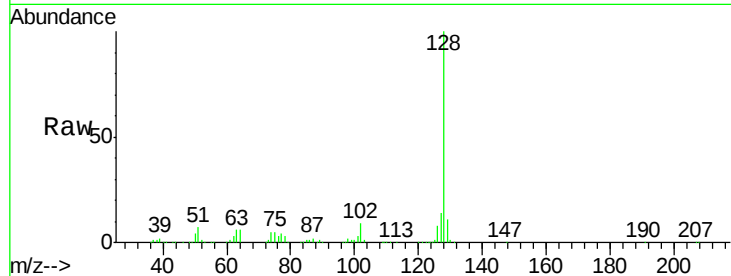




#95
Naphthalene
Concen: 51.77 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:128 Resp: 390272
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.75 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002285.D
Acq: 08 May 2018 02:41

Tgt Ion:180 Resp: 182947
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.0
145 31.4 15.7 47.0

