

Data File : VW012682.D
Acq On : 06 Sep 2019 10:56
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Quant Time: Sep 07 04:34:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	148811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125415	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	7.88	113	100637	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	10.32	98	399119	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.62	95	143246	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	74045	51.600	ug/l	93
3) Chloromethane	2.21	50	92497	41.606	ug/l	99
4) Vinyl Chloride	2.36	62	114089	41.928	ug/l	98
5) Bromomethane	2.78	94	64445	46.765	ug/l	96
6) Chloroethane	2.92	64	67496	43.971	ug/l	90
7) Trichlorofluoromethane	3.25	101	80126	58.643	ug/l	99
8) Diethyl Ether	3.68	74	60469	46.625	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119665	51.525	ug/l	98
10) Methyl Iodide	4.27	142	160246	50.995	ug/l	99
11) Tert butyl alcohol	5.20	59	35120	210.652	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	115700	49.495	ug/l	97
13) Acrolein	3.90	56	36979	235.629	ug/l	99
14) Allyl chloride	4.66	41	242978	48.621	ug/l	97
15) Acrylonitrile	5.36	53	144840	225.317	ug/l	99
16) Acetone	4.13	43	165009	233.008	ug/l	98
17) Carbon Disulfide	4.38	76	315858	44.710	ug/l	100
18) Methyl Acetate	4.67	43	74692	42.584	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	193217	51.112	ug/l	96
20) Methylene Chloride	4.91	84	124947	46.671	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	123021	49.077	ug/l	95
22) Diisopropyl ether	6.31	45	435045	46.965	ug/l	99
23) Vinyl Acetate	6.25	43	1330958	233.472	ug/l	99
24) 1,1-Dichloroethane	6.21	63	249613	49.490	ug/l	100
25) 2-Butanone	7.17	43	204429	212.434	ug/l	99
26) 2,2-Dichloropropane	7.16	77	154246	54.031	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	133053	49.680	ug/l	99
28) Bromochloromethane	7.51	49	99933	45.460	ug/l	93
29) Tetrahydrofuran	7.53	42	121054	209.672	ug/l	97
30) Chloroform	7.67	83	234456	50.809	ug/l	100
31) Cyclohexane	7.95	56	215386	43.163	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	195061	53.436	ug/l	99
36) 1,1-Dichloropropene	8.08	75	191755	52.469	ug/l	99
37) Ethyl Acetate	7.25	43	92498	46.187	ug/l	99
38) Carbon Tetrachloride	8.06	117	180482	57.057	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205695	50.100	ug/l	100
40) Benzene	8.32	78	507847	50.890	ug/l	100
41) Methacrylonitrile	7.48	41	55946	47.531	ug/l	99
42) 1,2-Dichloroethane	8.40	62	169043	54.049	ug/l	99
43) Isopropyl Acetate	8.42	43	172942	46.620	ug/l	98
44) Trichloroethene	9.09	130	130700	53.877	ug/l	93
45) 1,2-Dichloropropane	9.37	63	134993	50.263	ug/l	99
46) Dibromomethane	9.46	93	59715	49.973	ug/l	96
47) Bromodichloromethane	9.64	83	168856	53.095	ug/l	96
48) Methyl methacrylate	9.43	41	83871	47.503	ug/l	98
49) 1,4-Dioxane	9.46	88	15209	831.396	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	437423	231.832	ug/l	99
52) Toluene	10.38	92	320030	53.383	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	172035	53.105	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	205268	52.478	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	86996	51.456	ug/l	98
56) Ethyl methacrylate	10.65	69	122929	49.958	ug/l	99
57) 1,3-Dichloropropane	10.93	76	161862	50.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	305301	241.752	ug/l	98
59) 2-Hexanone	10.97	43	313729	234.996	ug/l	100
60) Dibromochloromethane	11.13	129	101543	53.922	ug/l	99
61) 1,2-Dibromoethane	11.23	107	78808	50.034	ug/l	98
64) Tetrachloroethene	10.86	164	108024	54.982	ug/l	98
65) Chlorobenzene	11.65	112	320998	53.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	115685	55.572	ug/l	99
67) Ethyl Benzene	11.73	91	622017	54.113	ug/l	98
68) m/p-Xylenes	11.84	106	439478	106.140	ug/l	99
69) o-Xylene	12.16	106	208137	54.313	ug/l	100
70) Styrene	12.18	104	363524	54.804	ug/l	99
71) Bromoform	12.35	173	57046	55.002	ug/l #	99
73) Isopropylbenzene	12.46	105	601598	53.952	ug/l	99
74) N-amyl acetate	12.27	43	157705	46.812	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	97473	47.682	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	131824	90.956	ug/l #	100
77) Bromobenzene	12.74	156	126898	52.604	ug/l	94
78) n-propylbenzene	12.80	91	724927	53.254	ug/l	98
79) 2-Chlorotoluene	12.89	91	408223	52.820	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	511700	54.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32293	48.853	ug/l	97
82) 4-Chlorotoluene	12.99	91	428711	52.978	ug/l	100
83) tert-Butylbenzene	13.21	119	440589	55.823	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	504573	53.910	ug/l	100
85) sec-Butylbenzene	13.38	105	609382	53.891	ug/l	99
86) p-Isopropyltoluene	13.50	119	554412	54.901	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	250723	53.137	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	245538	52.409	ug/l	99
89) n-Butylbenzene	13.82	91	516121	51.395	ug/l	99
90) Hexachloroethane	14.09	117	93486	52.766	ug/l	88
91) 1,2-Dichlorobenzene	13.87	146	218390	52.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17213	49.947	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158920	55.557	ug/l	99
94) Hexachlorobutadiene	15.24	225	110734	58.627	ug/l	97
95) Naphthalene	15.36	128	265389	47.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	133620	53.540	ug/l	99

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

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ClientSampleId :
BFB

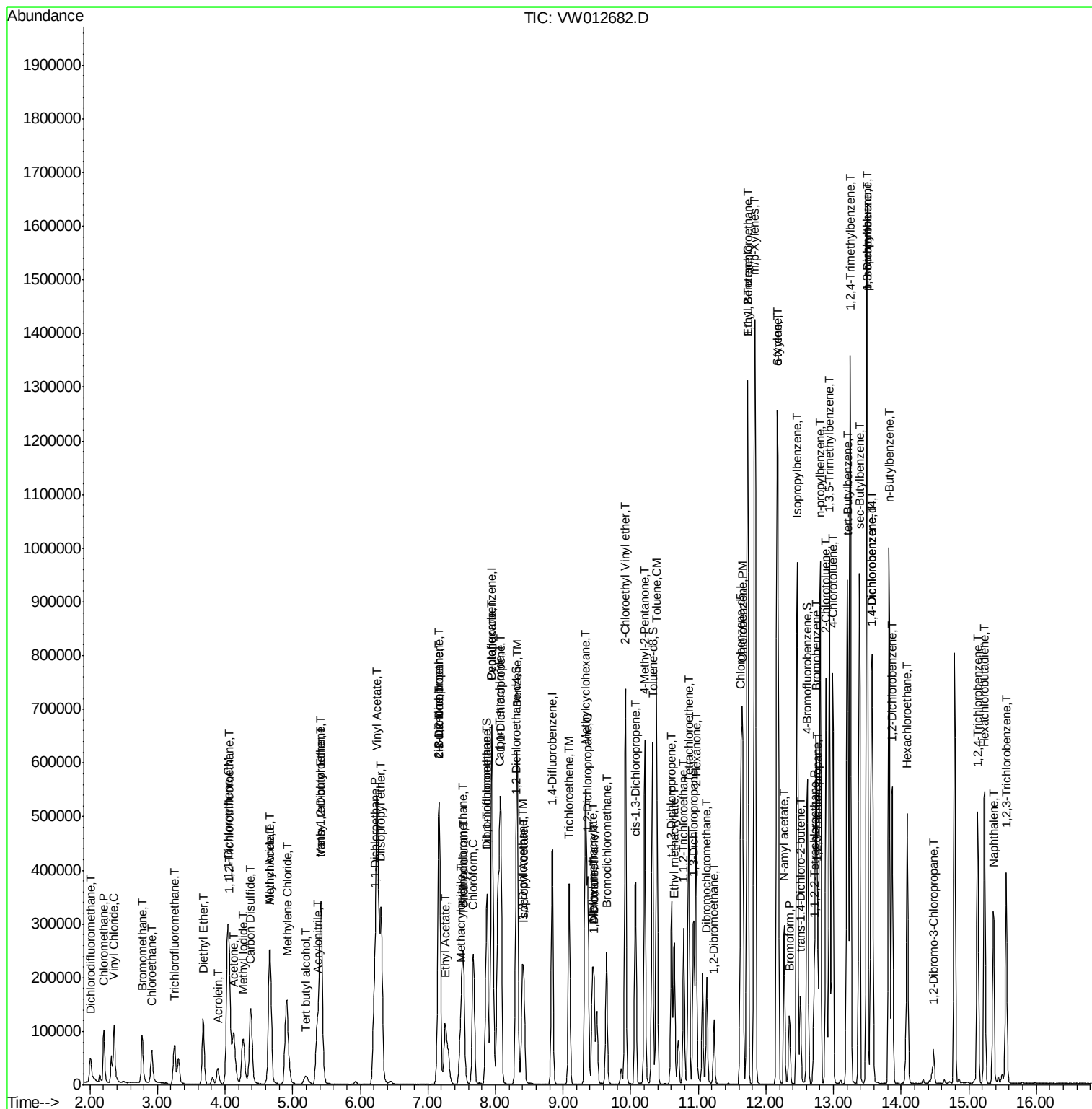
Quant Time: Sep 07 04:34:49 2019

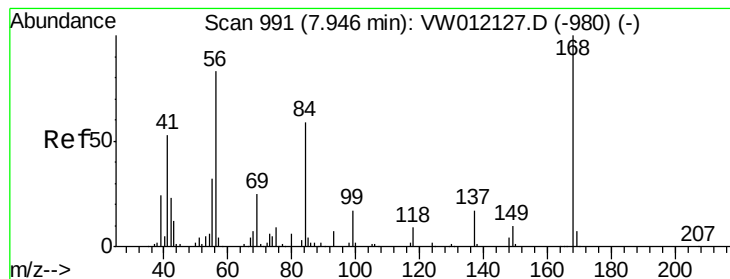
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W082319S.M

Quant Title : SW846 8260

QLast Update : Mon Aug 26 07:18:31 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

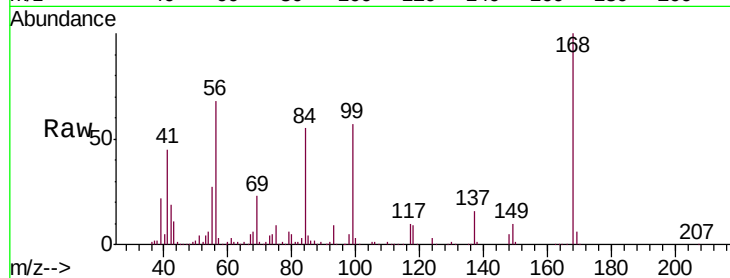
BFB

Tgt Ion:168 Resp: 233049

Ion Ratio Lower Upper

168 100

99 57.0 49.2 73.8



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

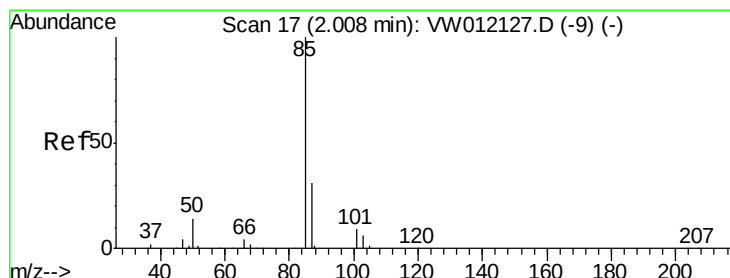
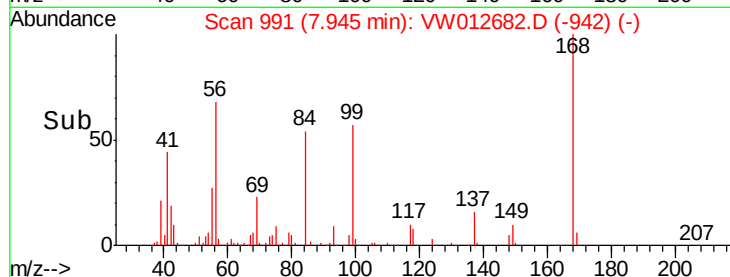
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 51.600 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012682.D

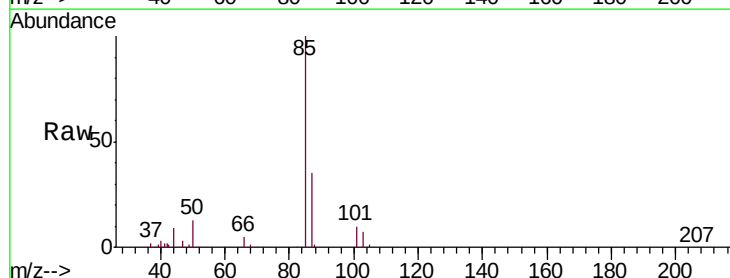
Acq: 06 Sep 2019 10:56

Tgt Ion: 85 Resp: 74045

Ion Ratio Lower Upper

85 100

87 35.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

15000

10000

5000

0

1.90

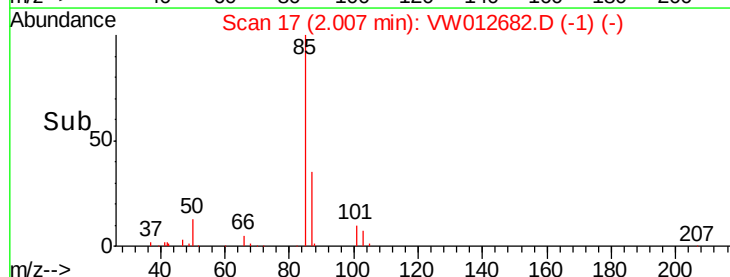
2.00

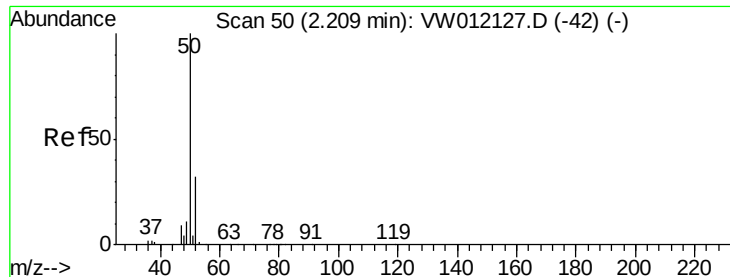
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 41.606 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

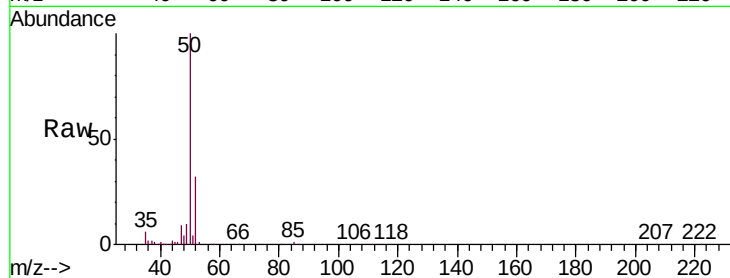
BFB

Tgt Ion: 50 Resp: 92497

Ion Ratio Lower Upper

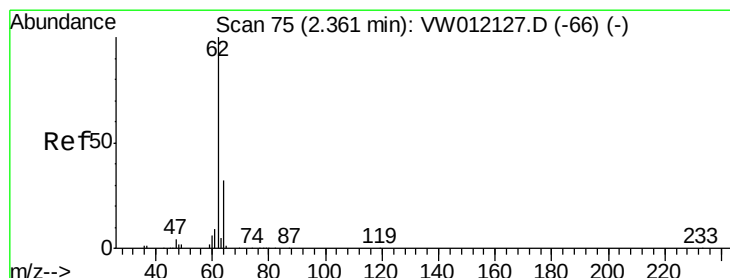
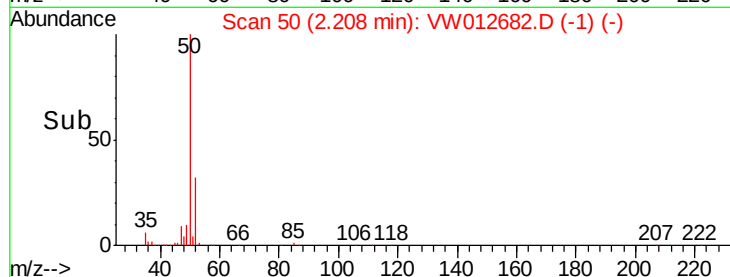
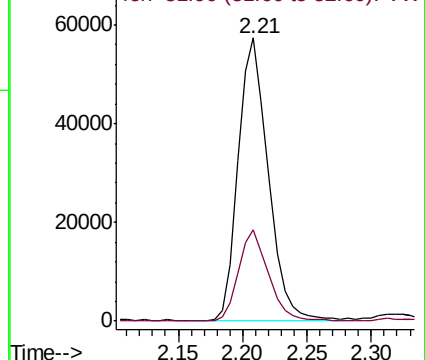
50 100

52 32.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 41.928 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012682.D

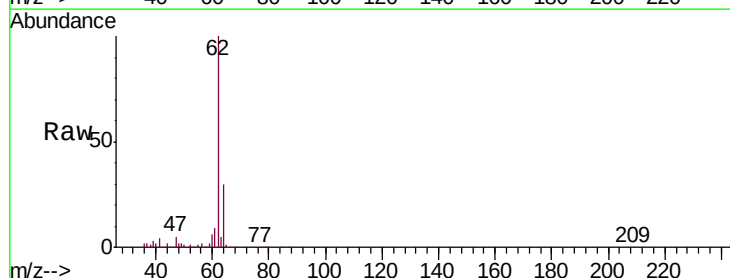
Acq: 06 Sep 2019 10:56

Tgt Ion: 62 Resp: 114089

Ion Ratio Lower Upper

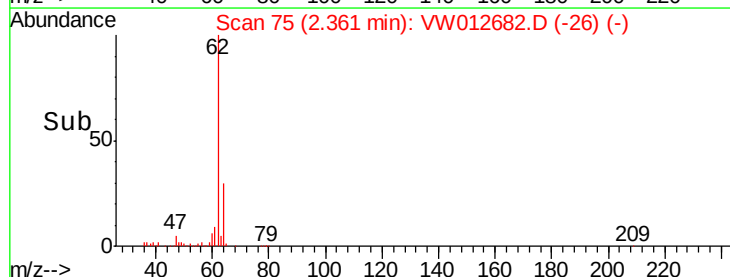
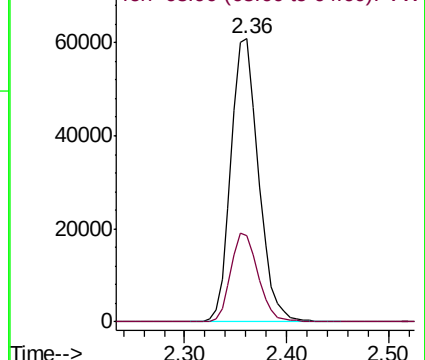
62 100

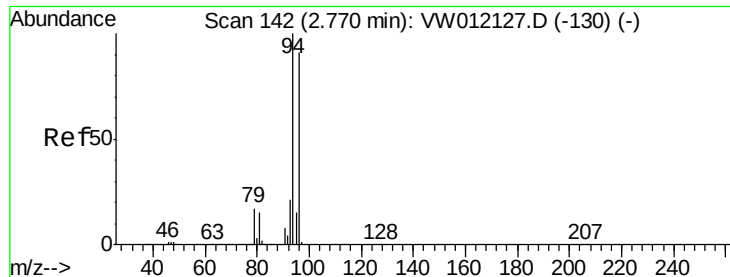
64 30.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 46.765 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

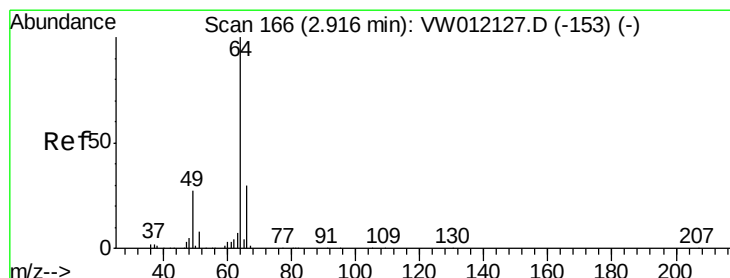
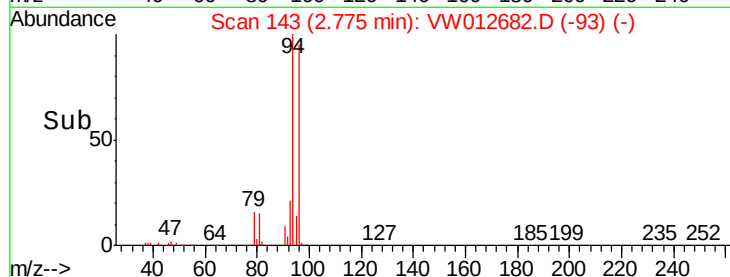
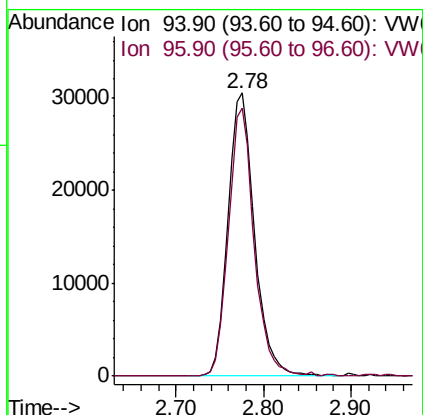
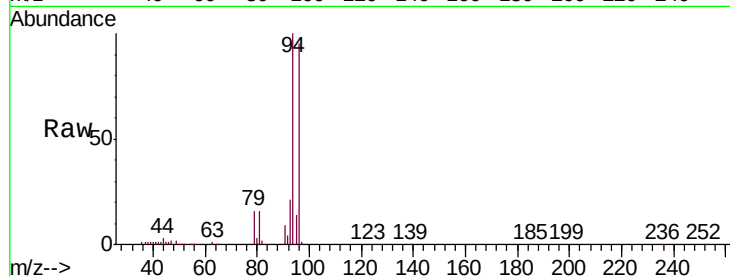
BFB

Tgt Ion: 94 Resp: 64445

Ion Ratio Lower Upper

94 100

96 94.9 72.9 109.3



#6

Chloroethane

Concen: 43.971 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012682.D

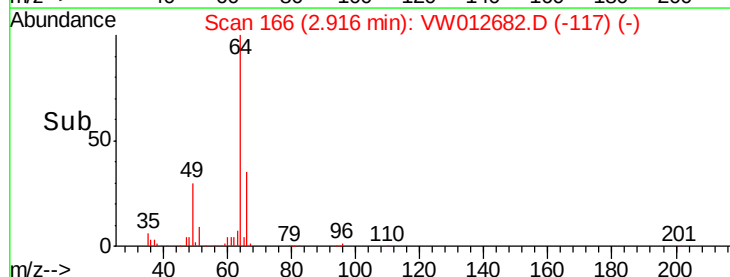
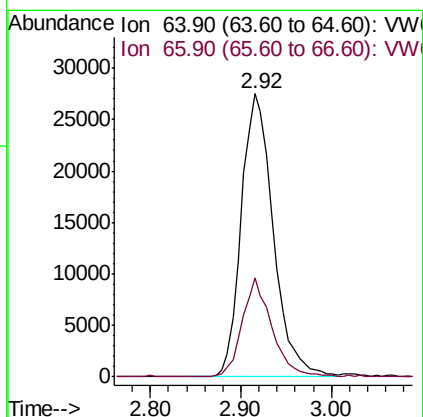
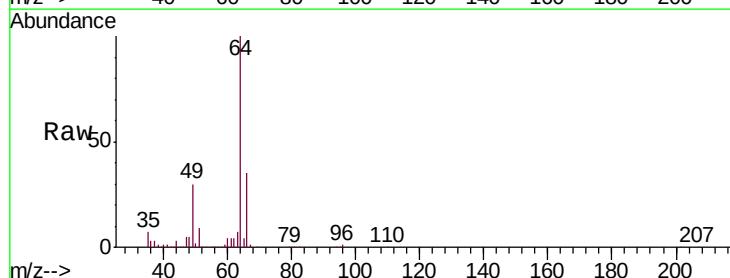
Acq: 06 Sep 2019 10:56

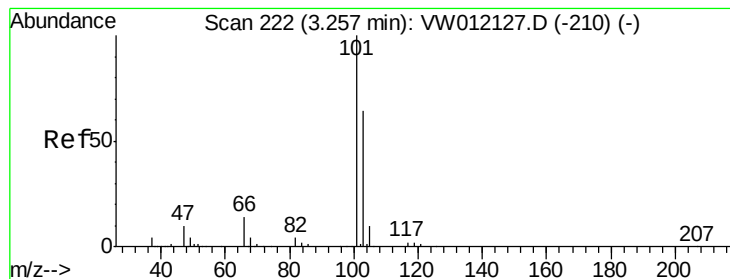
Tgt Ion: 64 Resp: 67496

Ion Ratio Lower Upper

64 100

66 35.1 23.8 35.8



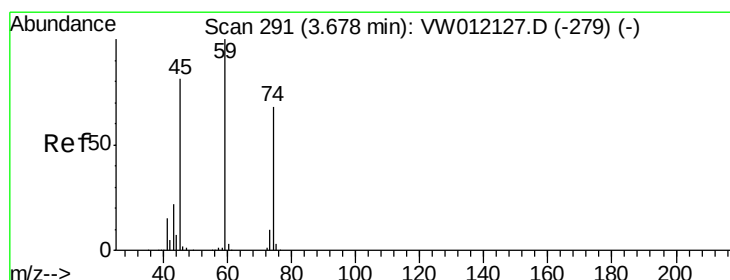
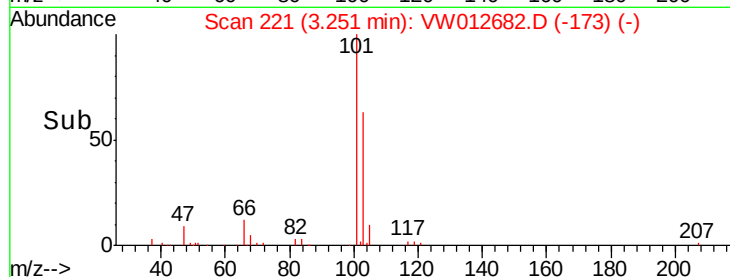
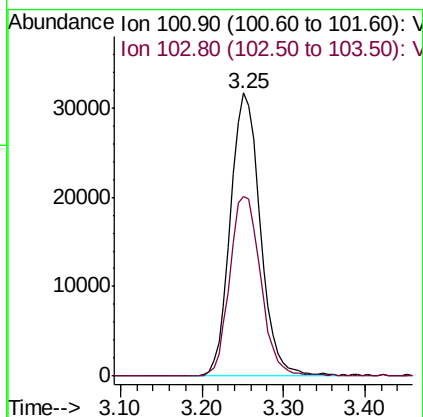
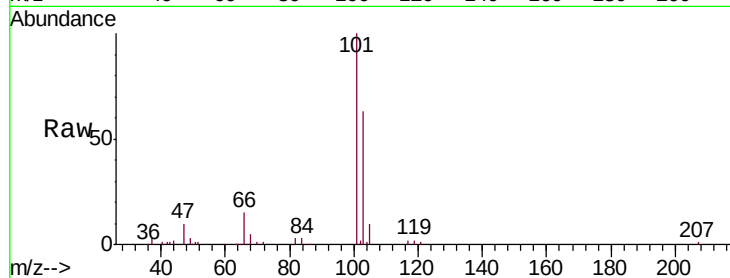


#7

Trichlorofluoromethane
Concen: 58.643 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW012682.D
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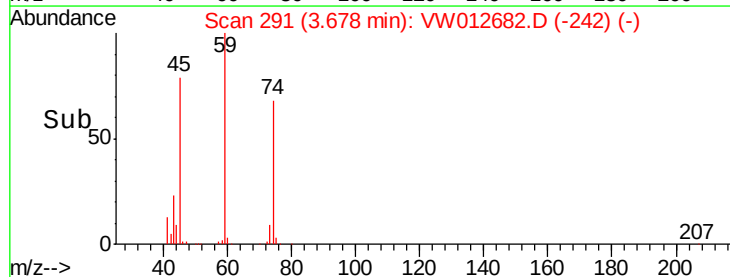
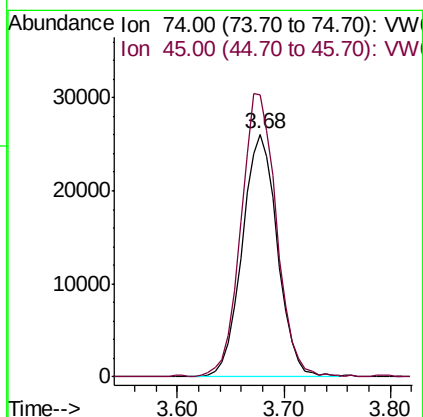
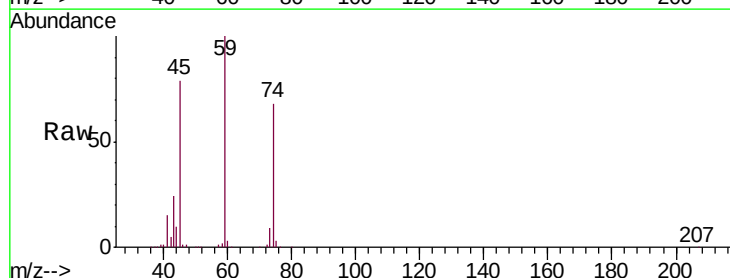
Tgt Ion:101 Resp: 80126
Ion Ratio Lower Upper
101 100
103 63.4 51.2 76.8

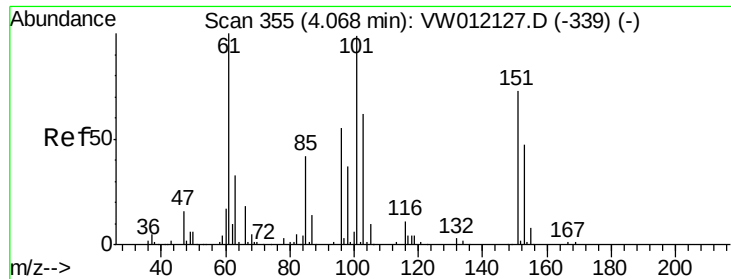


#8

Diethyl Ether
Concen: 46.625 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 74 Resp: 60469
Ion Ratio Lower Upper
74 100
45 117.3 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.525 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB

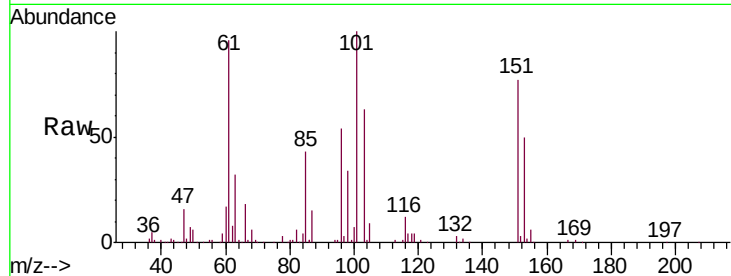
Tgt Ion:101 Resp: 119665

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.6

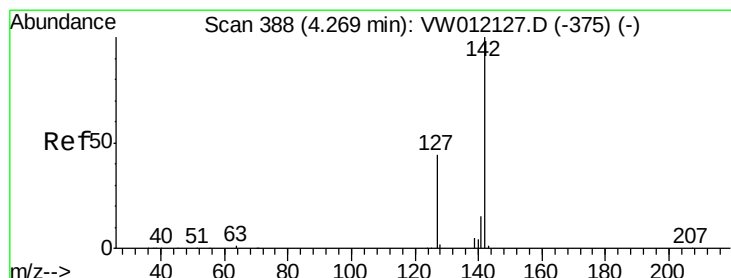
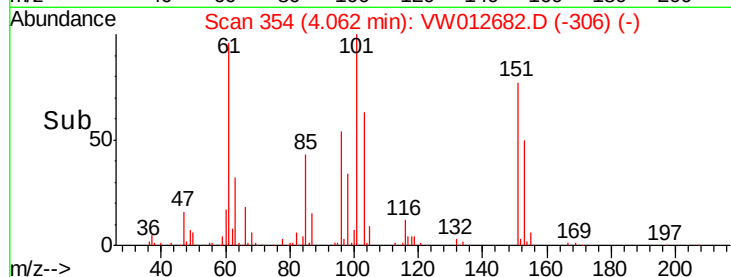
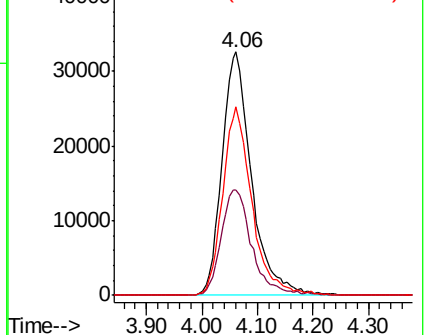
151 76.5 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.995 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

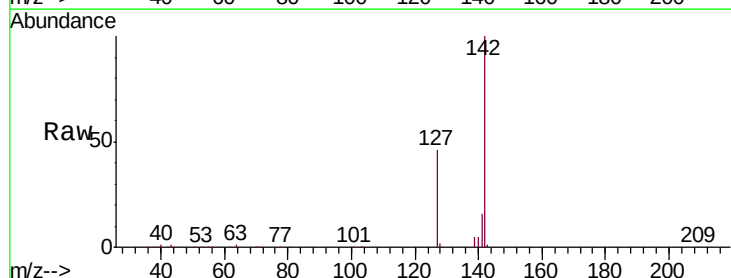
Tgt Ion:142 Resp: 160246

Ion Ratio Lower Upper

142 100

127 45.4 35.5 53.3

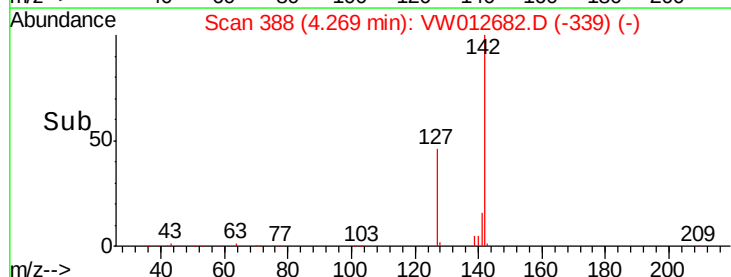
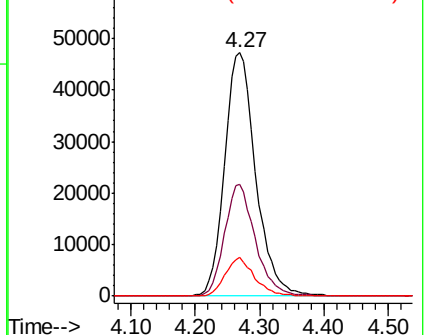
141 14.9 11.8 17.8

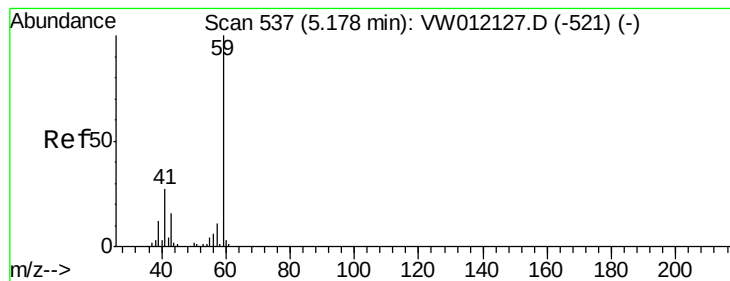


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



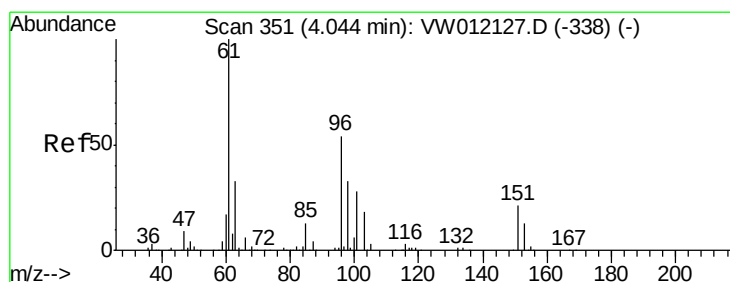
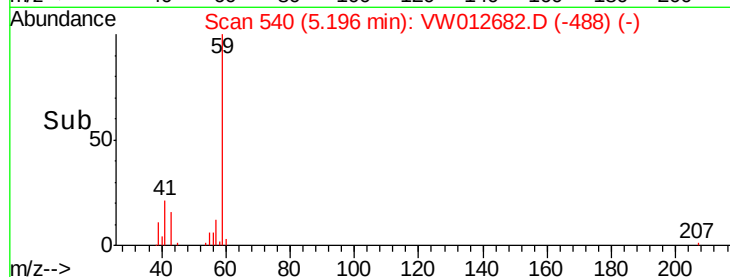
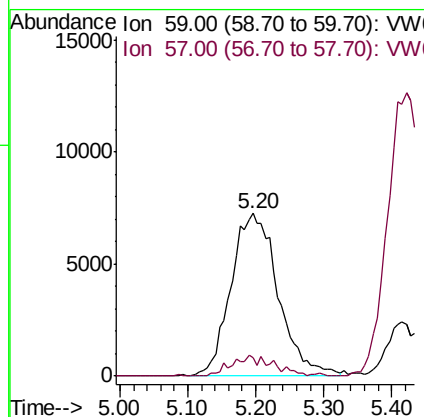
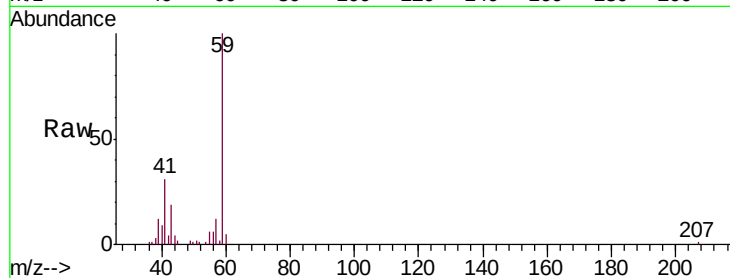


#11

Tert butyl alcohol
Concen: 210.652 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampled :
BFB

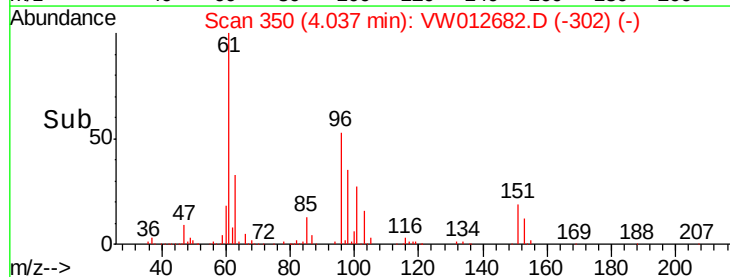
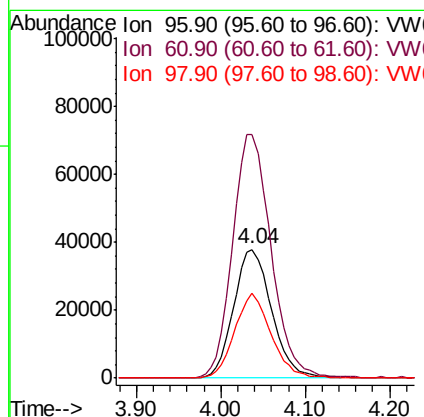
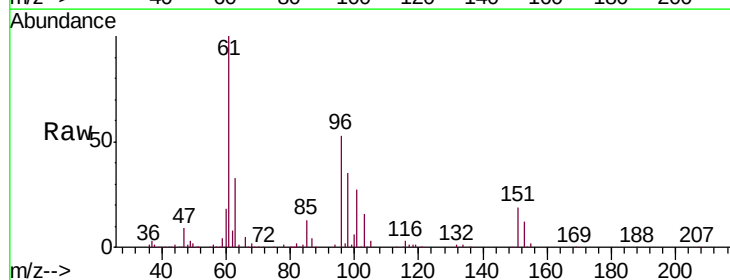
Tgt Ion: 59 Resp: 35120
Ion Ratio Lower Upper
59 100
57 6.5 9.0 13.4#

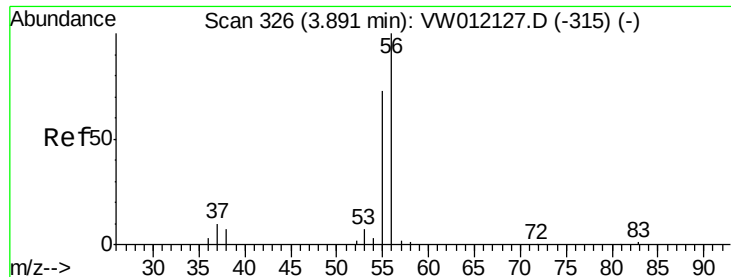


#12

1,1-Dichloroethene
Concen: 49.495 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 96 Resp: 115700
Ion Ratio Lower Upper
96 100
61 188.6 149.1 223.7
98 66.0 49.4 74.2





#13

Acrolein

Concen: 235.629 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

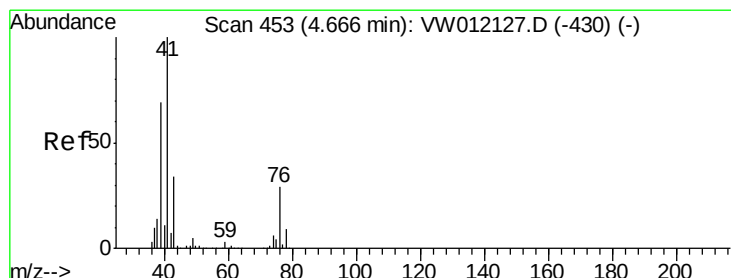
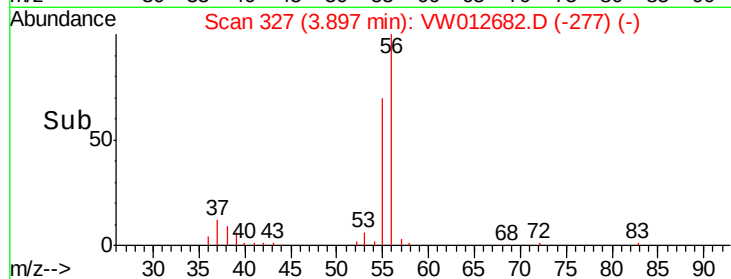
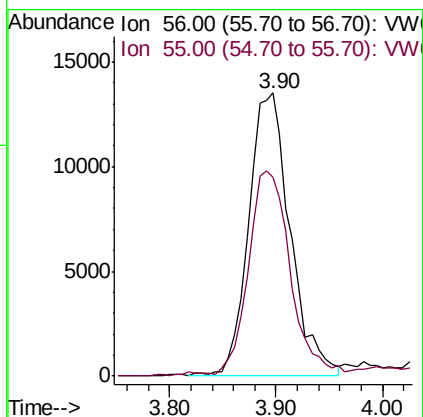
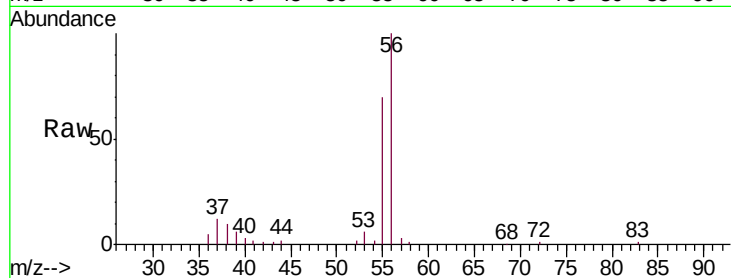
BFB

Tgt Ion: 56 Resp: 36979

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.8



#14

Allyl chloride

Concen: 48.621 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

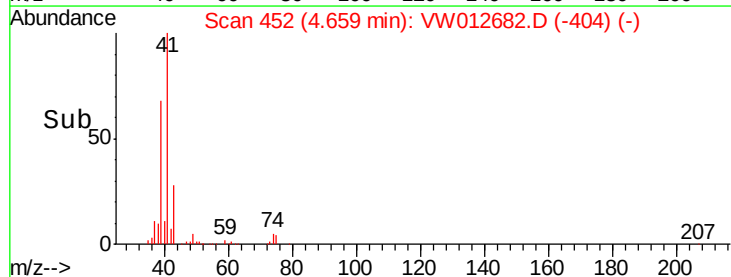
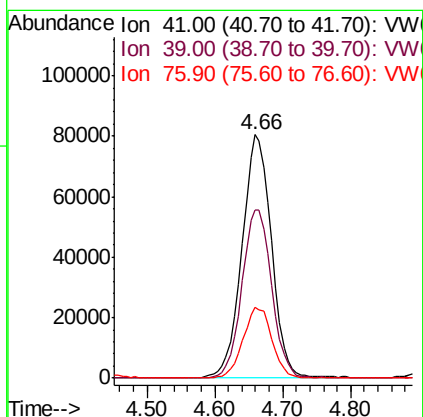
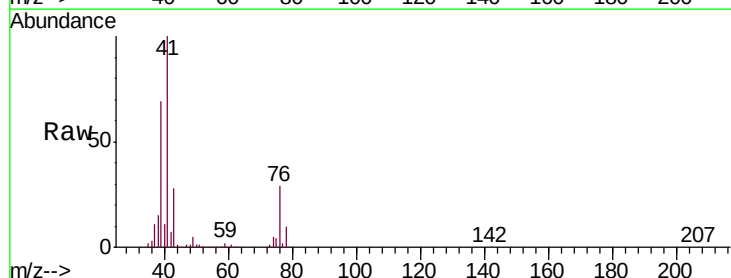
Tgt Ion: 41 Resp: 242978

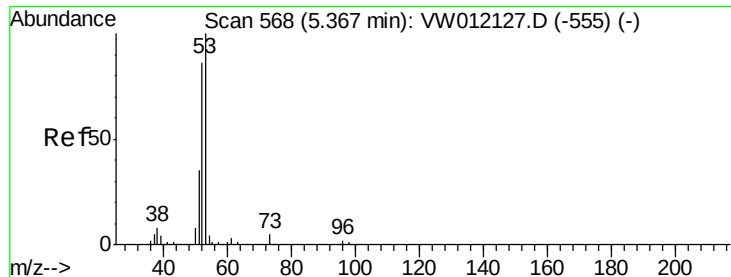
Ion Ratio Lower Upper

41 100

39 69.1 53.4 80.2

76 28.5 22.1 33.1





#15

Acrylonitrile

Concen: 225.317 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB

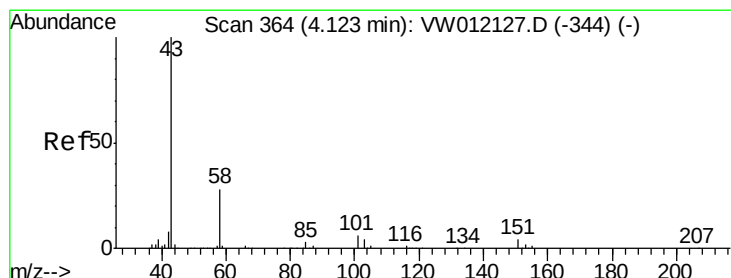
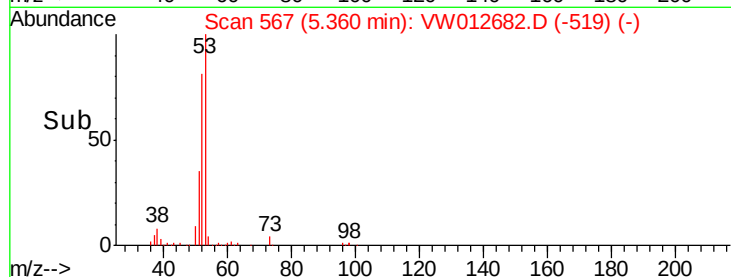
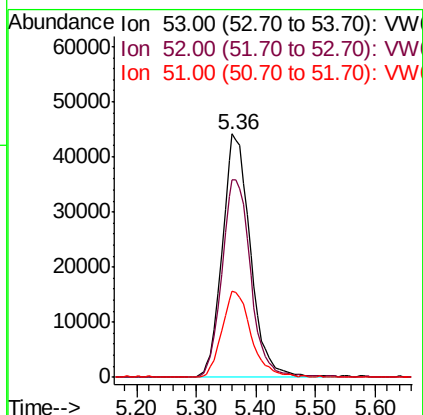
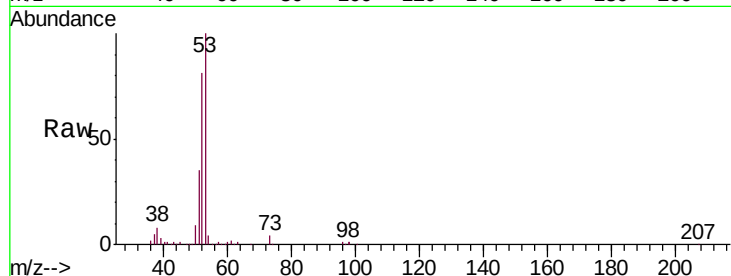
Tgt Ion: 53 Resp: 144840

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

51 36.8 30.1 45.1



#16

Acetone

Concen: 233.008 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012682.D

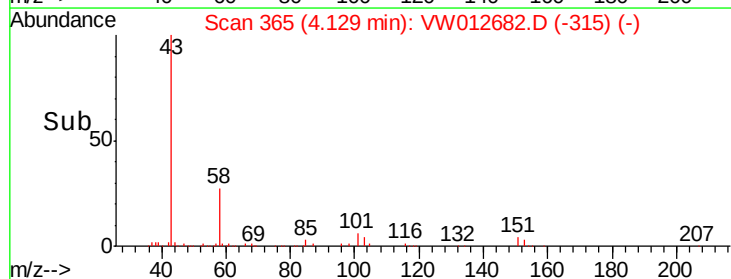
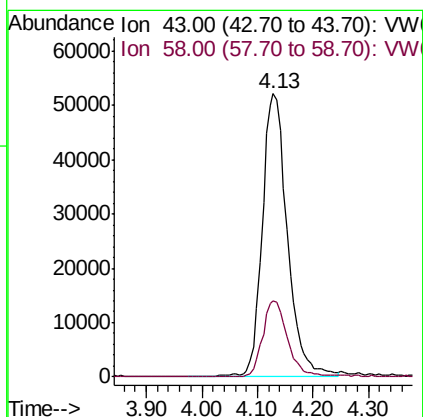
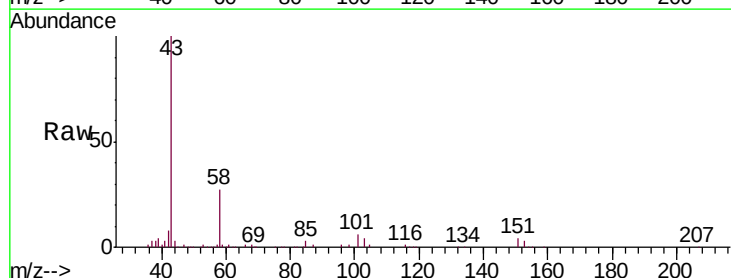
Acq: 06 Sep 2019 10:56

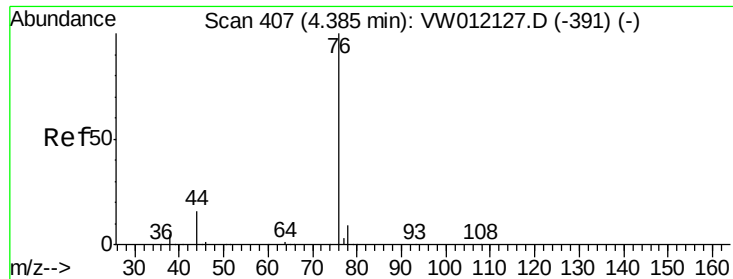
Tgt Ion: 43 Resp: 165009

Ion Ratio Lower Upper

43 100

58 27.0 22.4 33.6

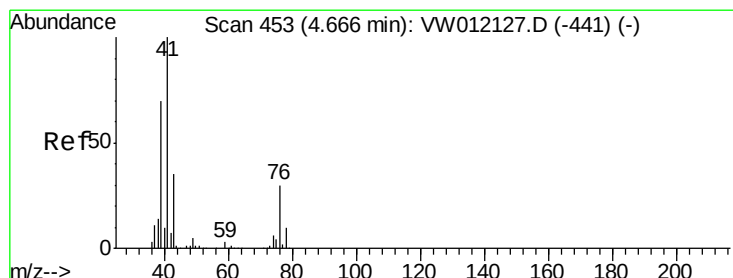
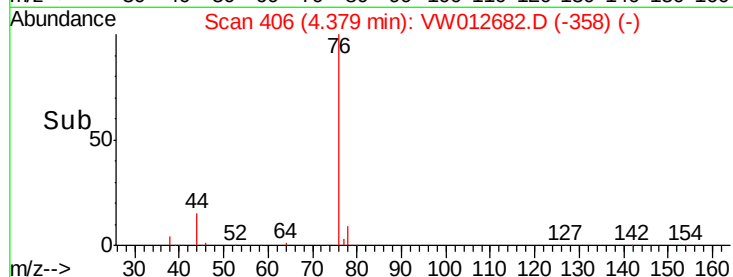
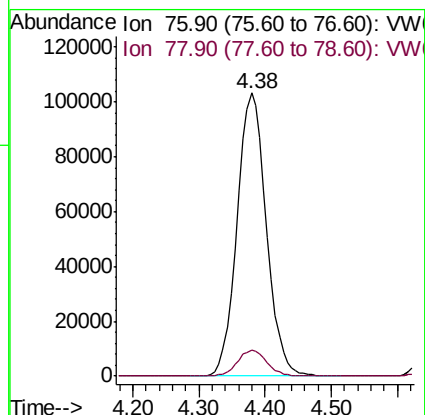
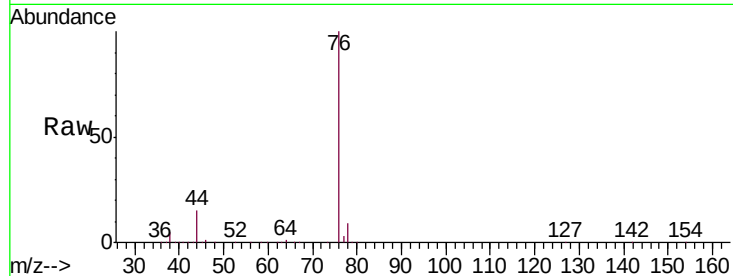




#17
Carbon Disulfide
Concen: 44.710 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

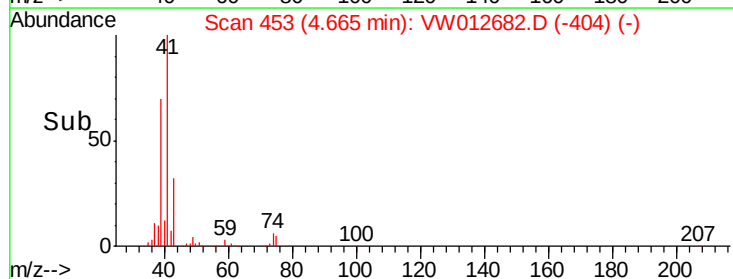
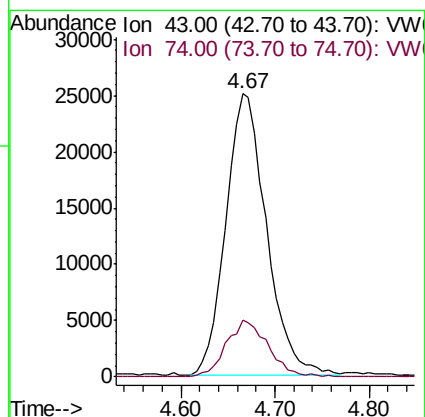
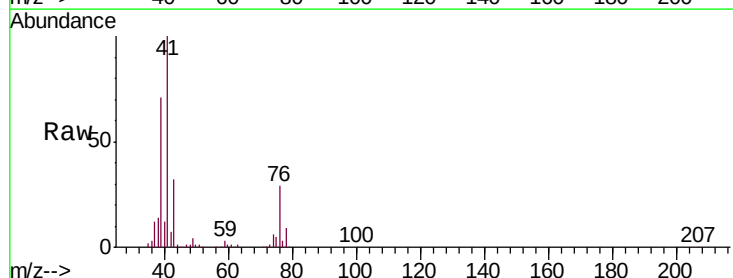
Instrument :
MSVOA_W
ClientSampleId :
BFB

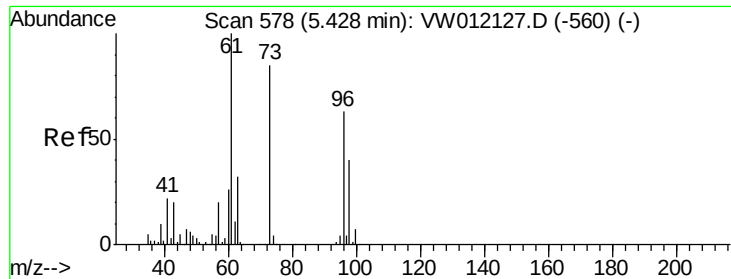
Tgt Ion: 76 Resp: 315858
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 42.584 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 43 Resp: 74692
Ion Ratio Lower Upper
43 100
74 20.9 15.7 23.5

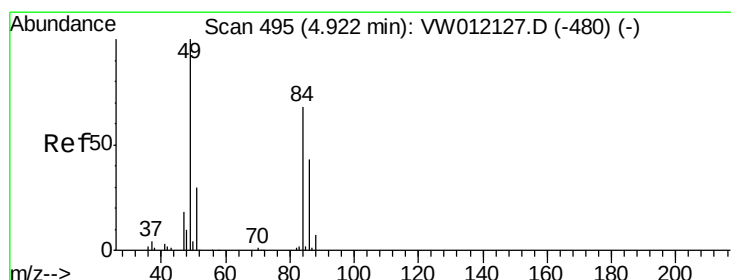
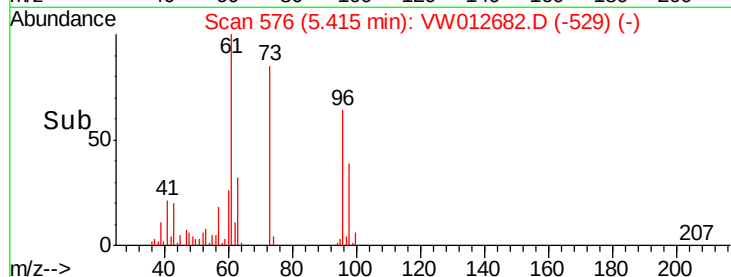
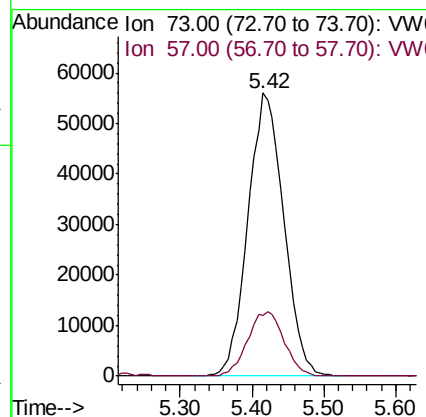
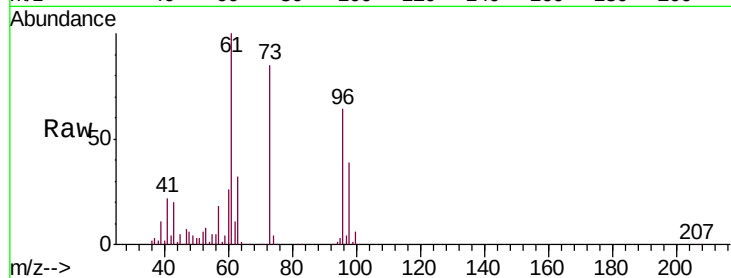




#19
Methyl tert-butyl Ether
Concen: 51.112 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

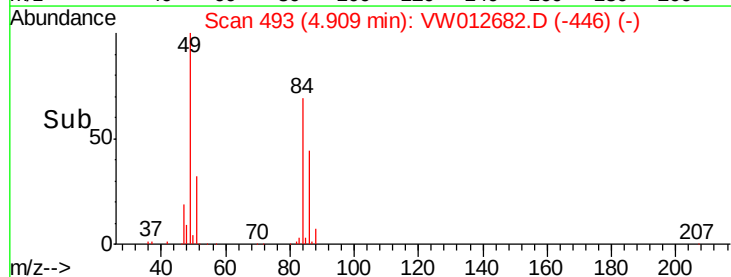
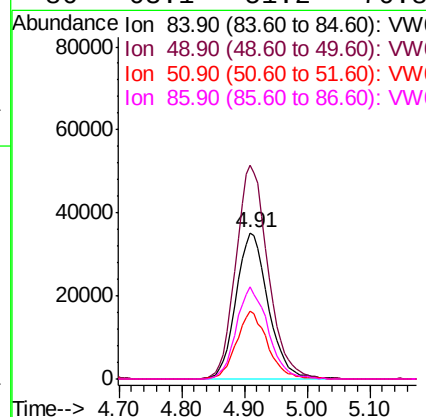
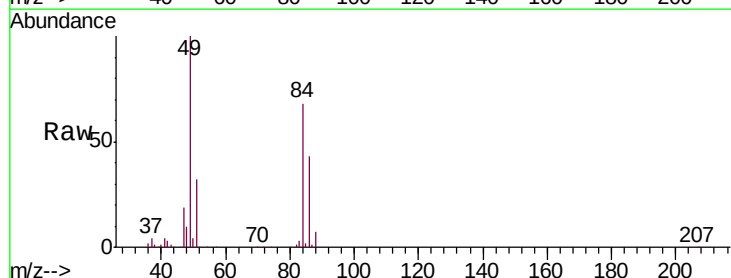
Instrument :
MSVOA_W
ClientSampled :
BFB

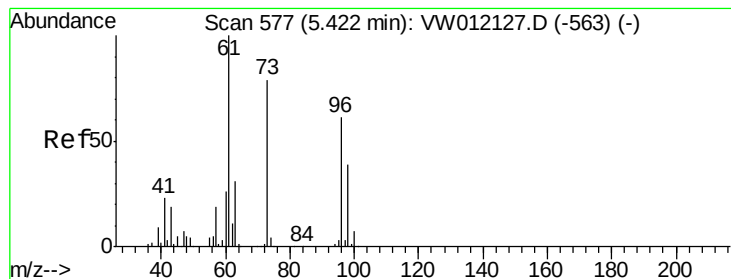
Tgt Ion: 73 Resp: 193217
Ion Ratio Lower Upper
73 100
57 21.6 18.9 28.3



#20
Methylene Chloride
Concen: 46.671 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 84 Resp: 124947
Ion Ratio Lower Upper
84 100
49 146.0 117.8 176.8
51 46.5 35.6 53.4
86 63.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.077 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

BFB

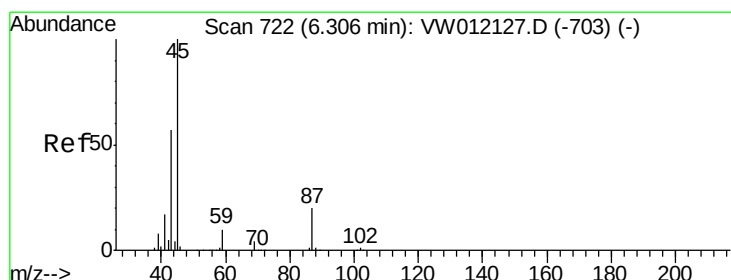
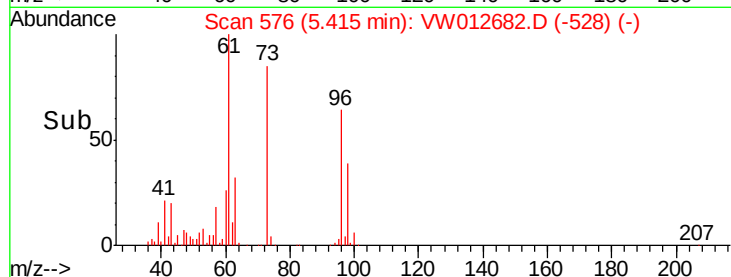
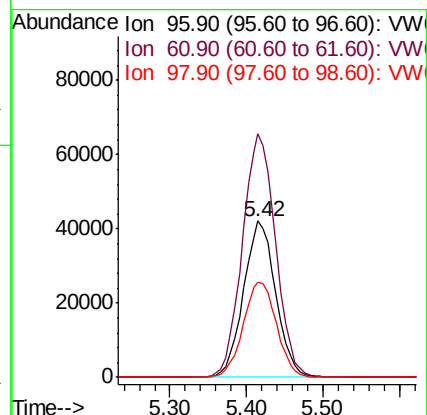
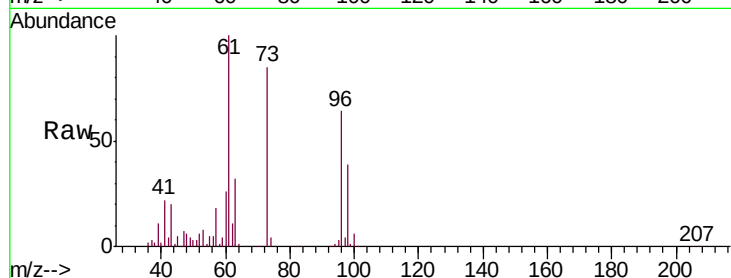
Tgt Ion: 96 Resp: 123021

Ion Ratio Lower Upper

96 100

61 155.9 131.4 197.0

98 61.4 51.4 77.0



#22

Diisopropyl ether

Concen: 46.965 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Tgt Ion: 45 Resp: 435045

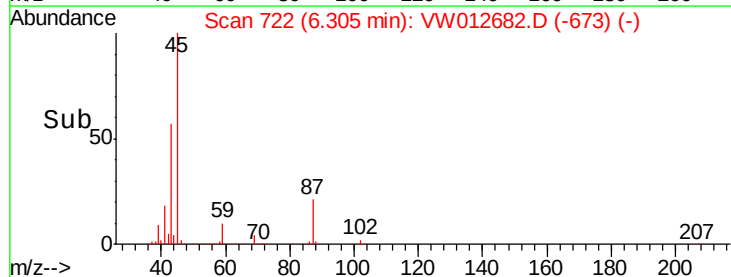
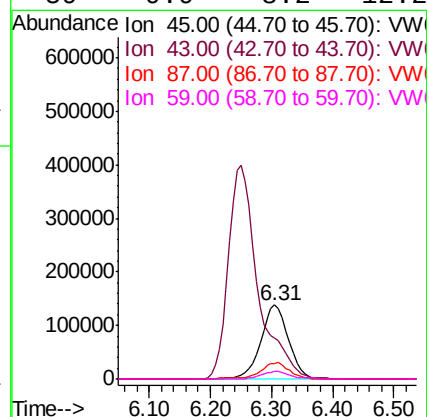
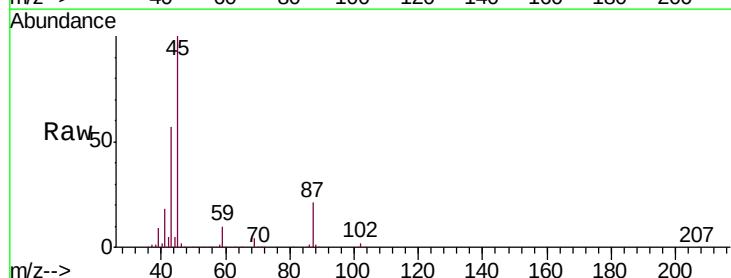
Ion Ratio Lower Upper

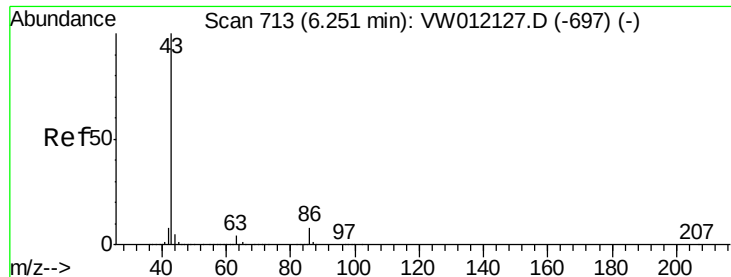
45 100

43 56.4 45.5 68.3

87 21.2 16.1 24.1

59 9.9 8.2 12.2

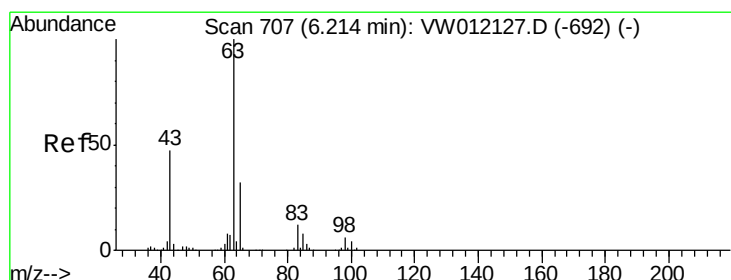
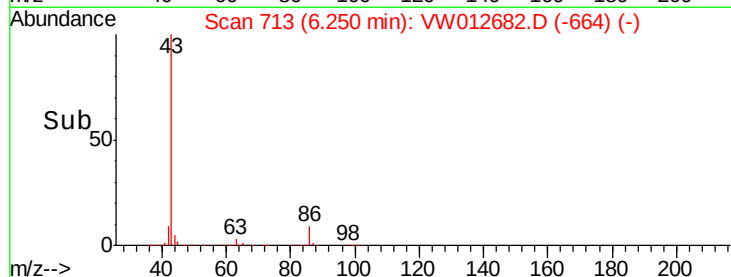
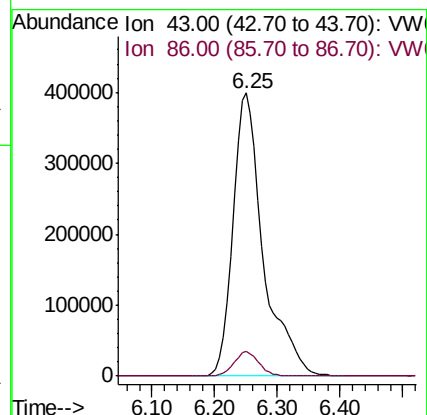
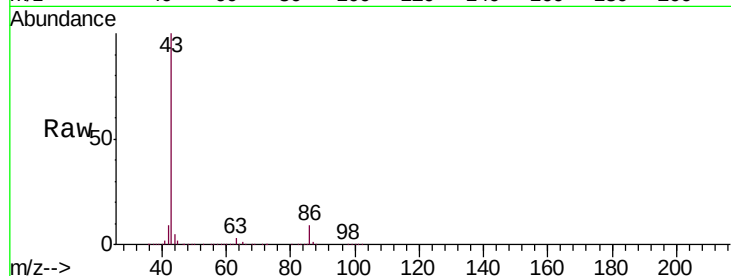




#23
 Vinyl Acetate
 Concen: 233.472 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

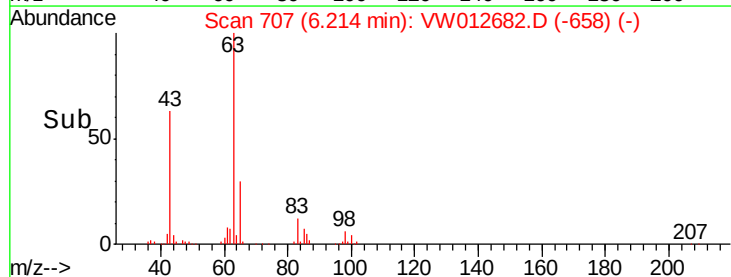
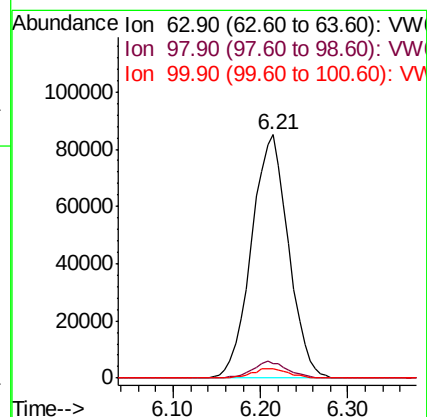
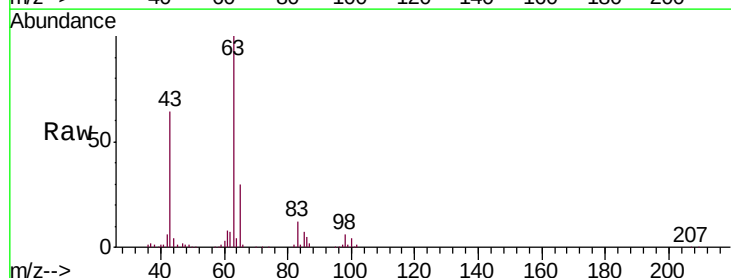
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

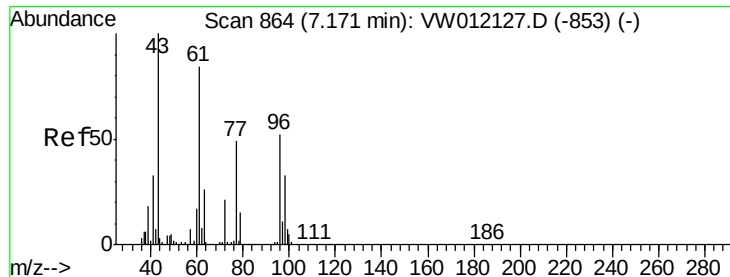
Tgt Ion: 43 Resp: 1330958
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 49.490 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 63 Resp: 249613
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 212.434 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

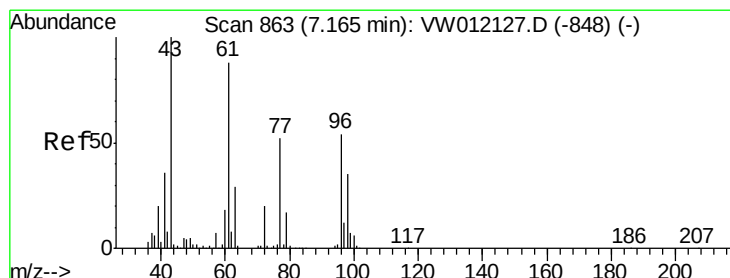
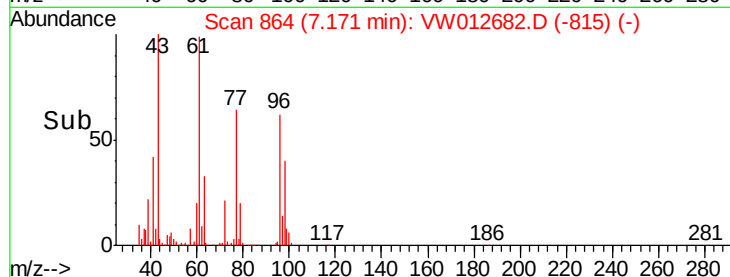
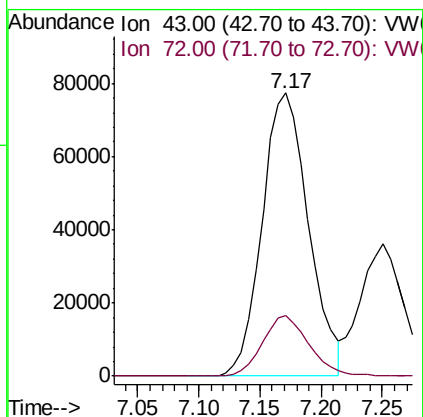
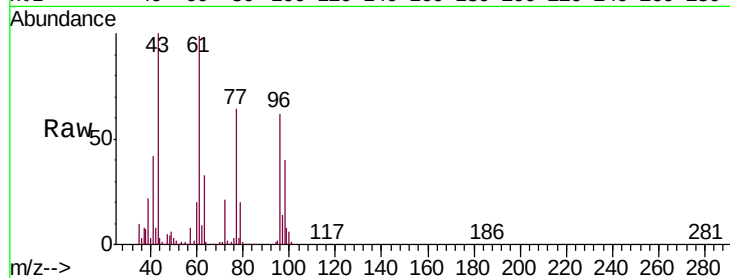
BFB

Tgt Ion: 43 Resp: 204429

Ion Ratio Lower Upper

43 100

72 21.3 16.6 24.8



#26

2,2-Dichloropropane

Concen: 54.031 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012682.D

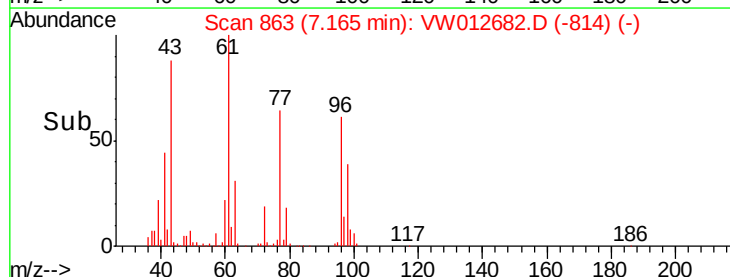
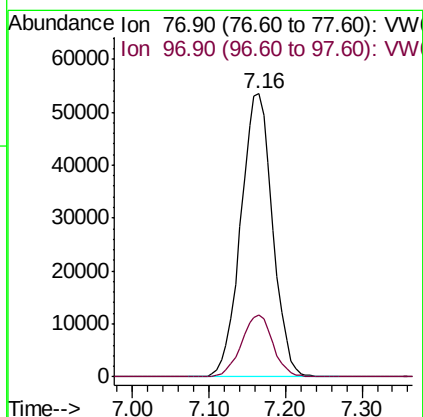
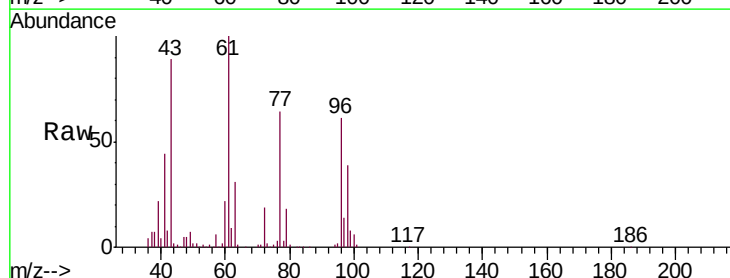
Acq: 06 Sep 2019 10:56

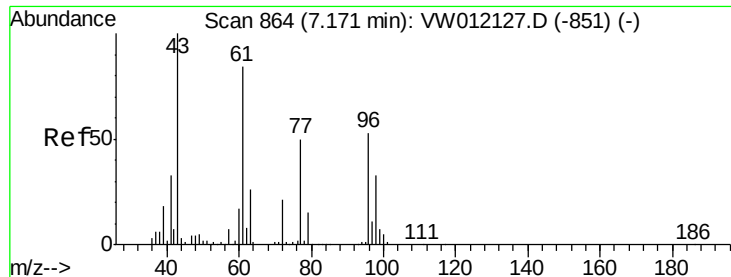
Tgt Ion: 77 Resp: 154246

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.1



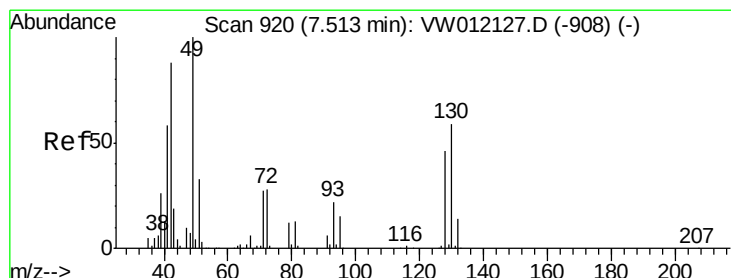
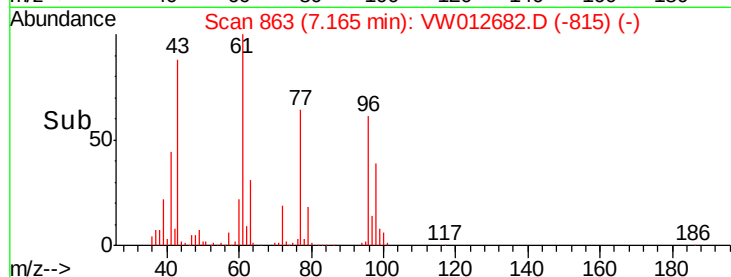
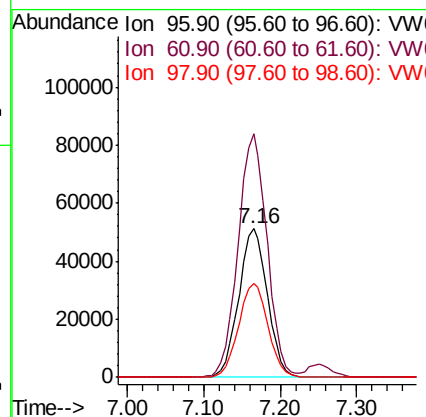
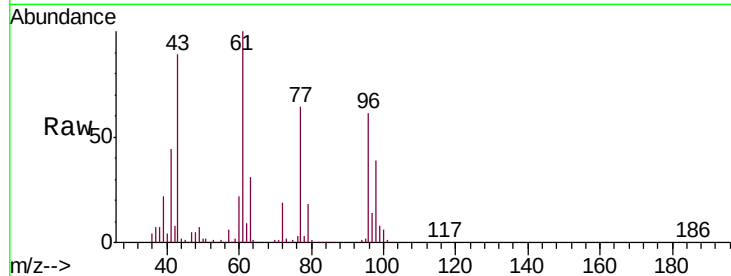


#27

cis-1,2-Dichloroethene
Concen: 49.680 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
BFB

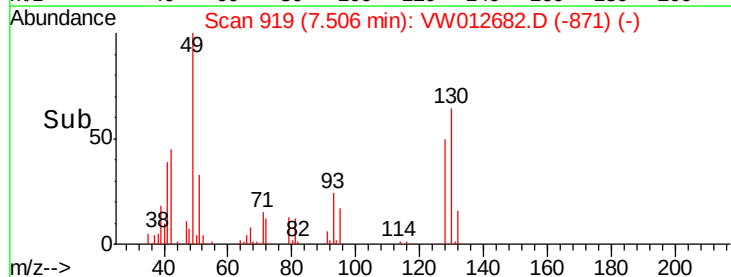
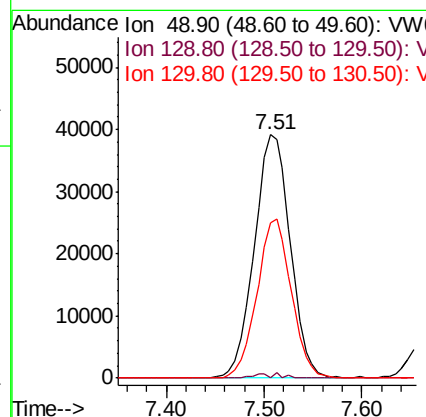
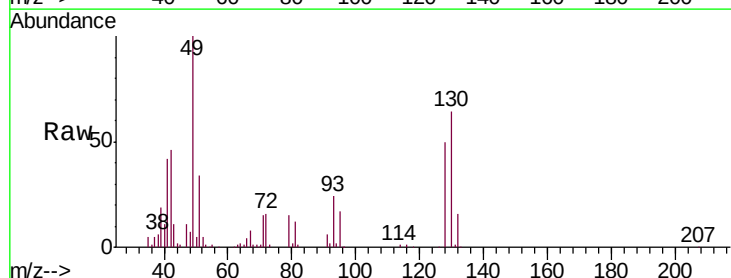
Tgt Ion: 96 Resp: 133053
Ion Ratio Lower Upper
96 100
61 164.7 0.0 326.6
98 64.7 0.0 127.4

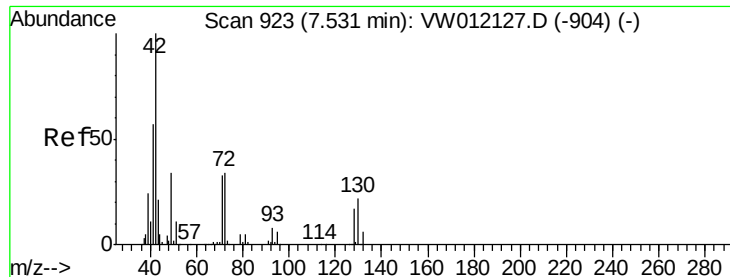


#28

Bromochloromethane
Concen: 45.460 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 49 Resp: 99933
Ion Ratio Lower Upper
49 100
129 0.7 0.0 1.4
130 62.5 45.5 68.3





#29

Tetrahydrofuran

Concen: 209.672 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

BFB

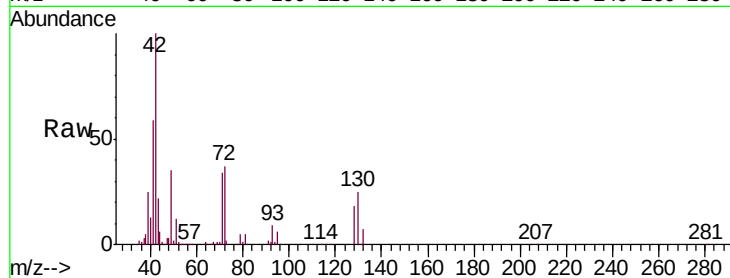
Tgt Ion: 42 Resp: 121054

Ion Ratio Lower Upper

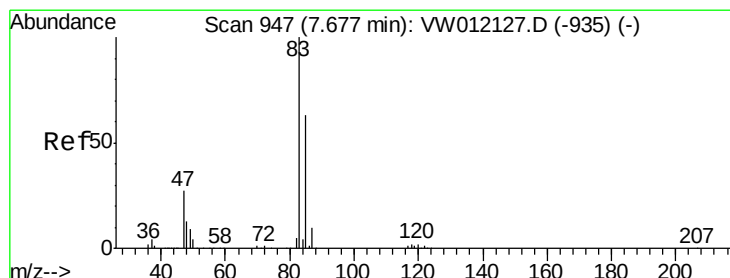
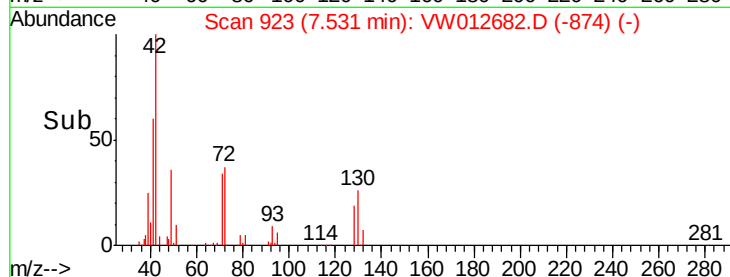
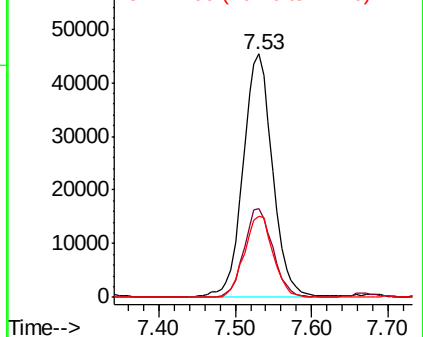
42 100

72 36.0 27.3 40.9

71 33.2 25.5 38.3



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: 50.809 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012682.D

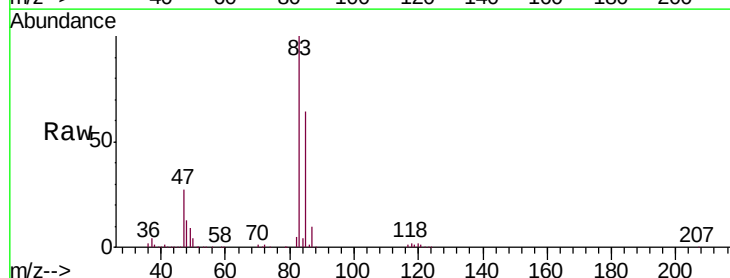
Acq: 06 Sep 2019 10:56

Tgt Ion: 83 Resp: 234456

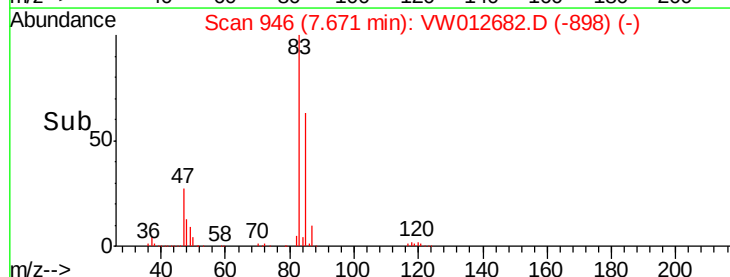
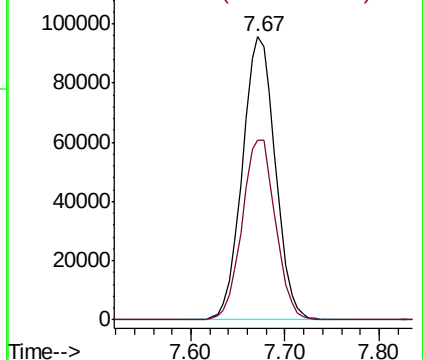
Ion Ratio Lower Upper

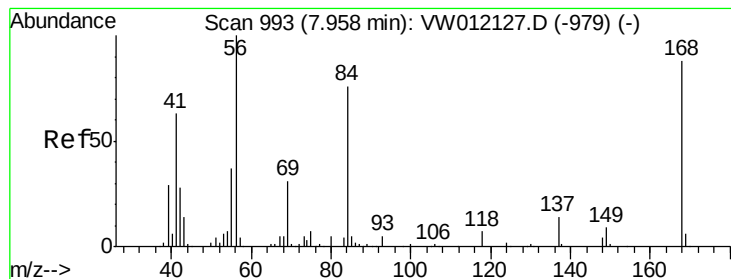
83 100

85 63.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

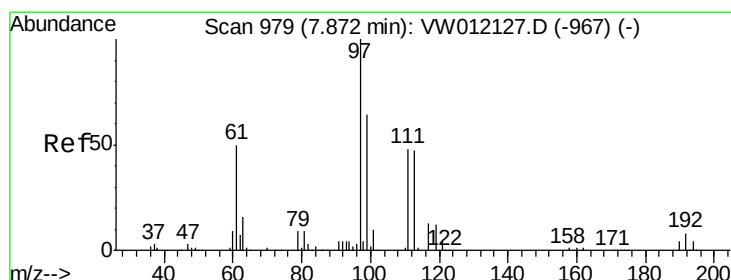
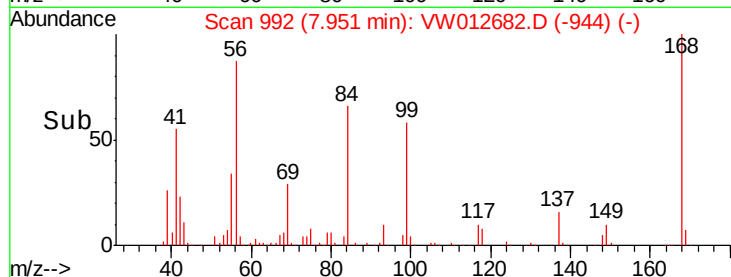
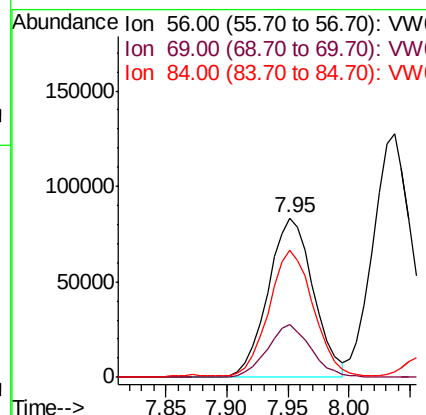
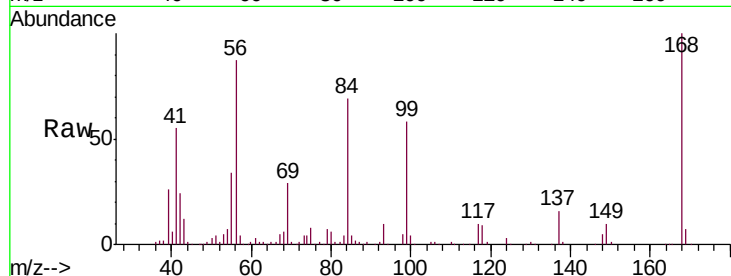




#31
Cyclohexane
Concen: 43.163 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

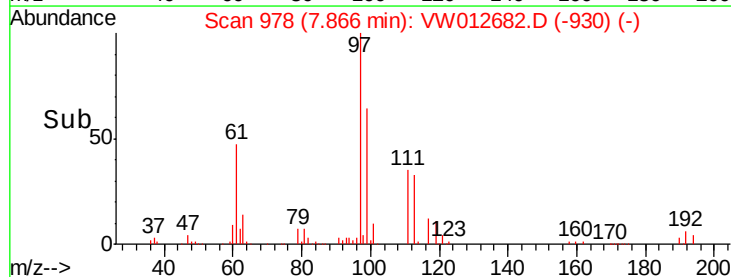
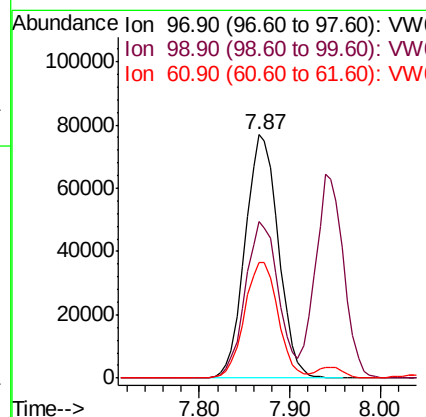
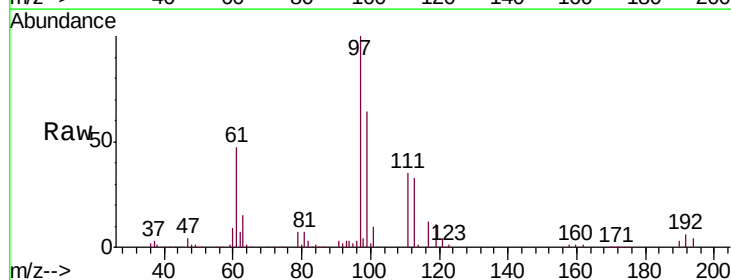
Instrument :
MSVOA_W
ClientSampled :
BFB

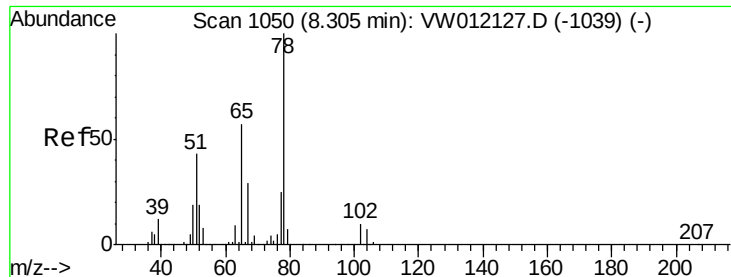
Tgt Ion: 56 Resp: 215386
Ion Ratio Lower Upper
56 100
69 33.0 24.9 37.3
84 77.7 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 53.436 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 97 Resp: 195061
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 47.7 39.5 59.3

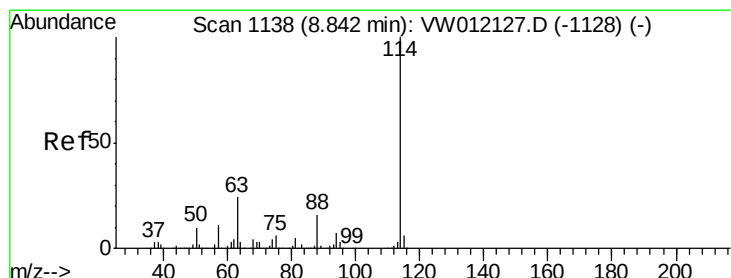
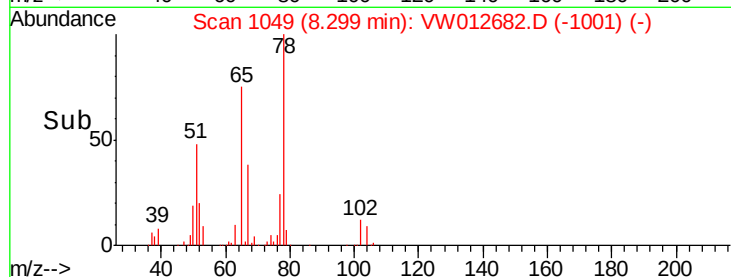
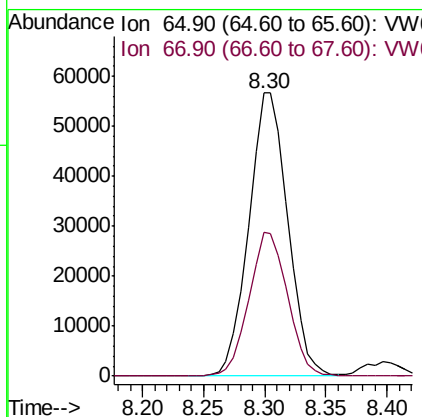
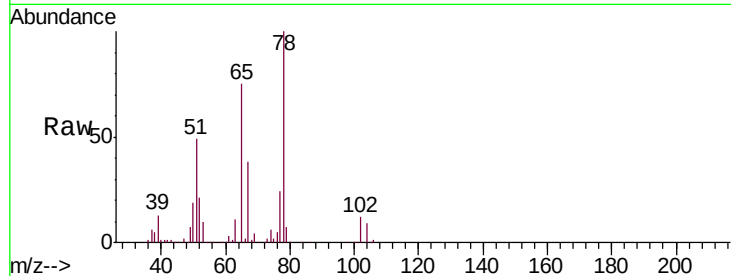




#33
 1,2-Dichloroethane-d4
 Concen: 45.270 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

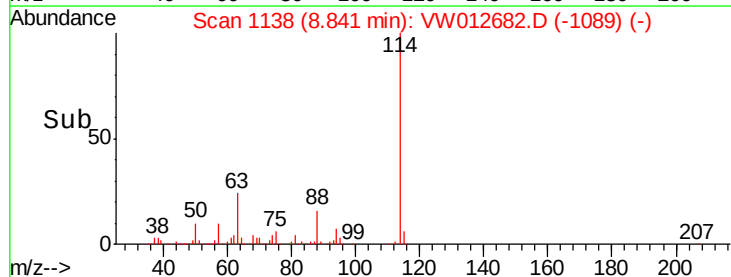
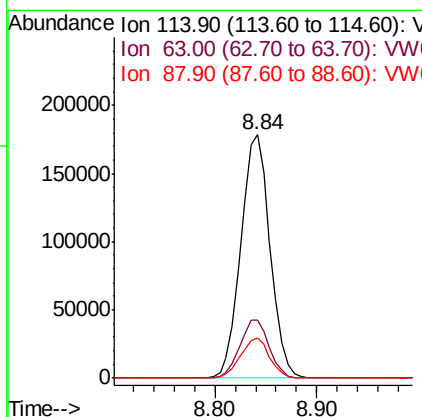
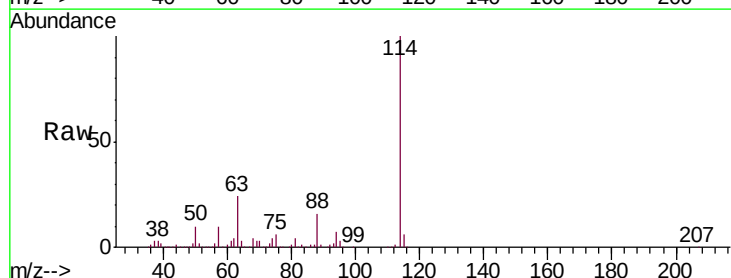
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

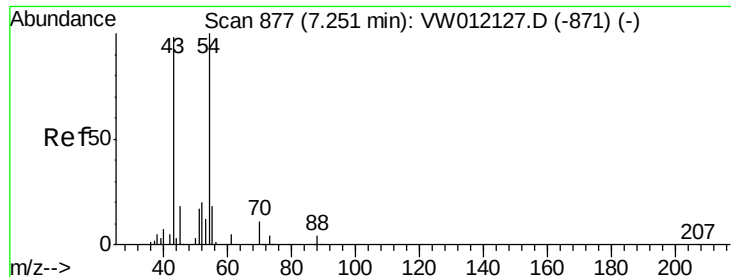
Tgt Ion: 65 Resp: 125415
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 114 Resp: 353656
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.6
 88 16.3 0.0 32.2

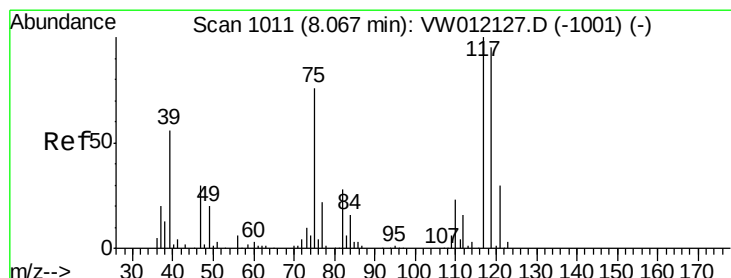
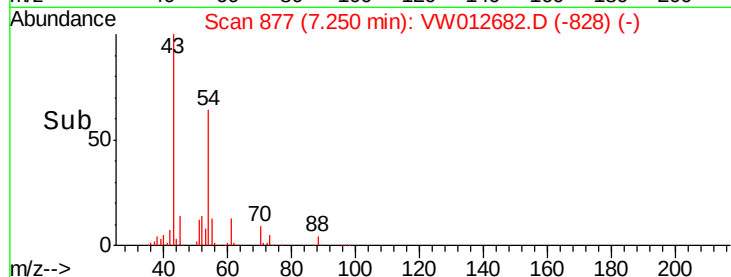
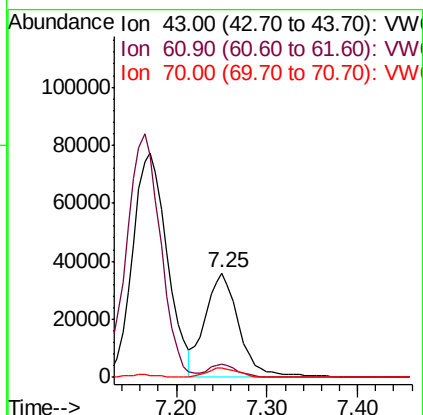
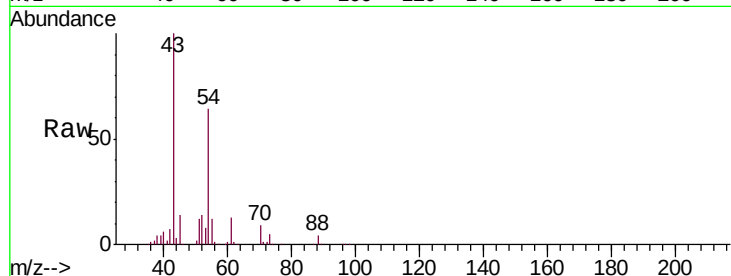




#37
Ethyl Acetate
Concen: 46.187 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

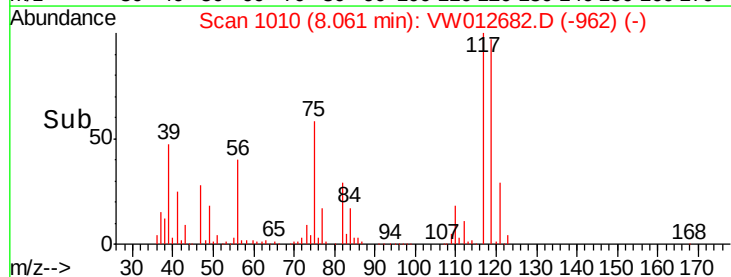
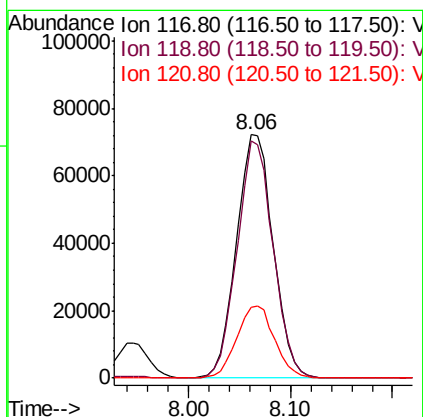
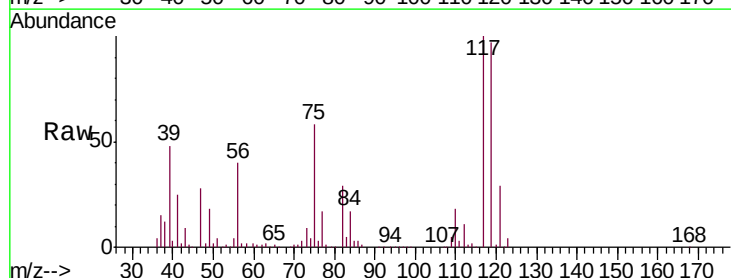
Instrument :
MSVOA_W
ClientSampled :
BFB

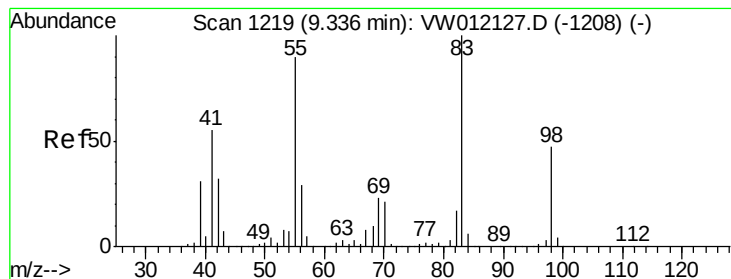
Tgt Ion: 43 Resp: 92498
Ion Ratio Lower Upper
43 100
61 11.2 9.2 13.8
70 8.9 6.9 10.3



#38
Carbon Tetrachloride
Concen: 57.057 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 117 Resp: 180482
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.2
121 28.9 23.8 35.8





#39

Methylcyclohexane

Concen: 50.100 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

BFB

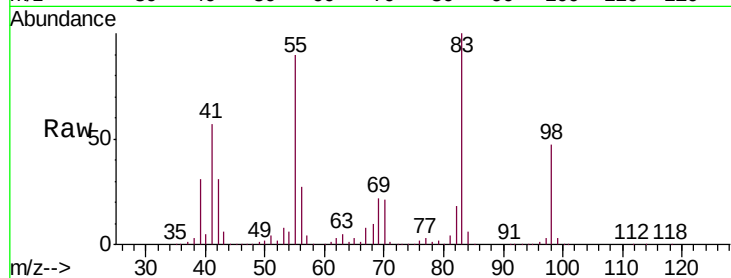
Tgt Ion: 83 Resp: 205695

Ion Ratio Lower Upper

83 100

55 89.8 71.8 107.8

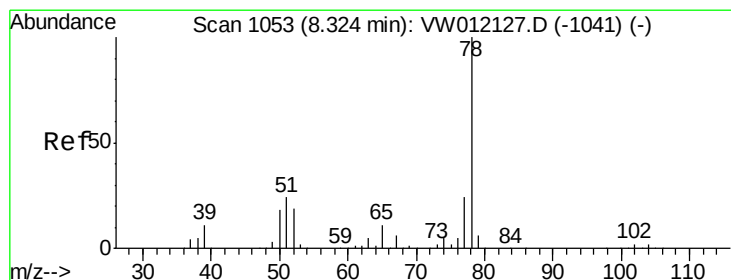
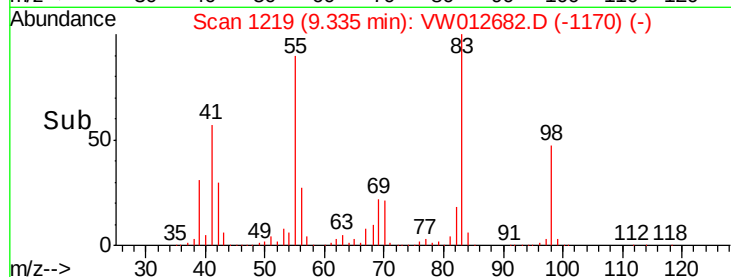
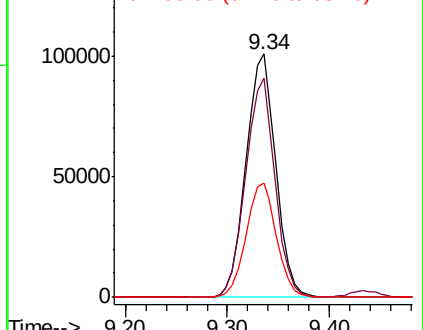
98 46.8 37.8 56.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 50.890 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW012682.D

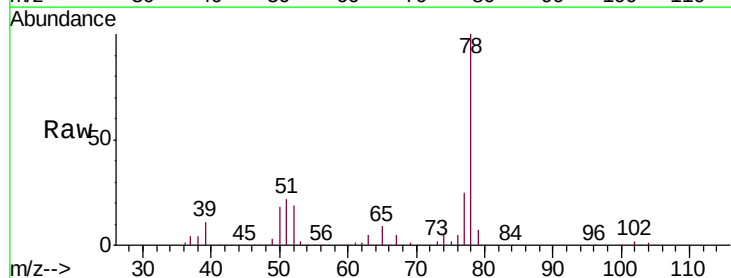
Acq: 06 Sep 2019 10:56

Tgt Ion: 78 Resp: 507847

Ion Ratio Lower Upper

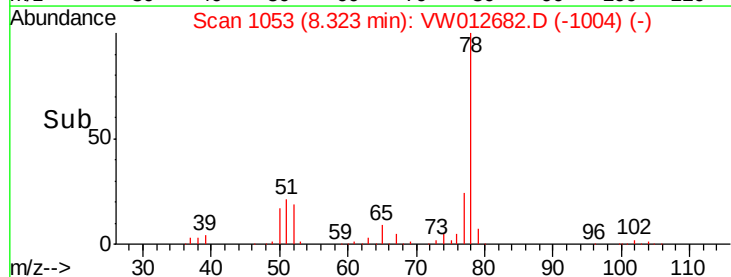
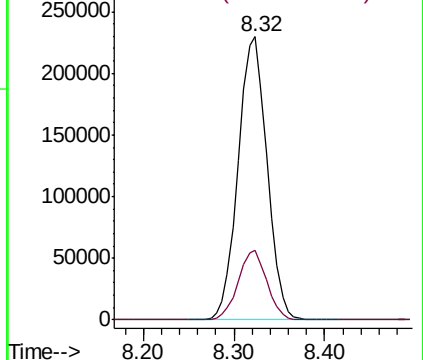
78 100

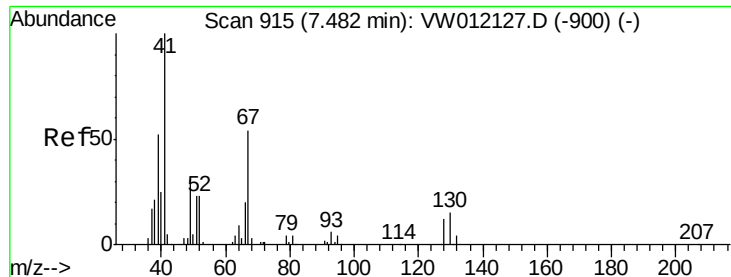
77 24.5 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

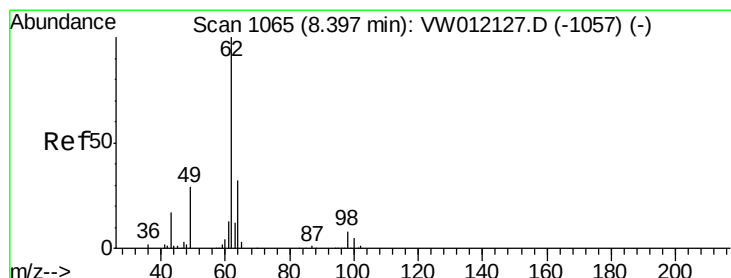
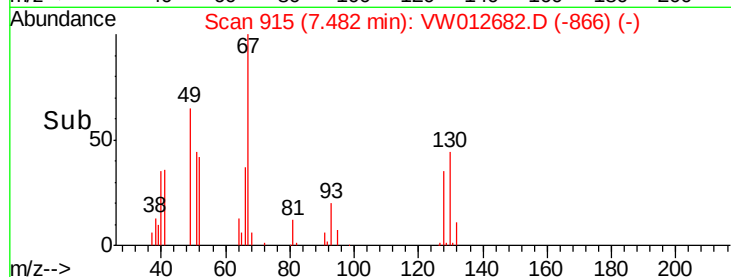
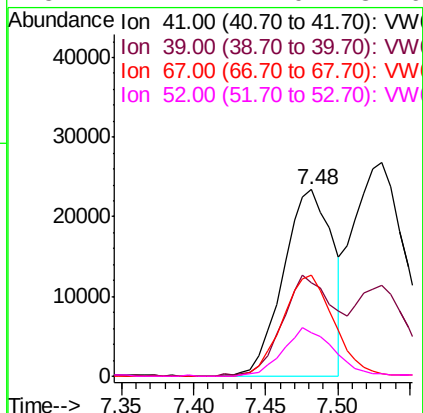
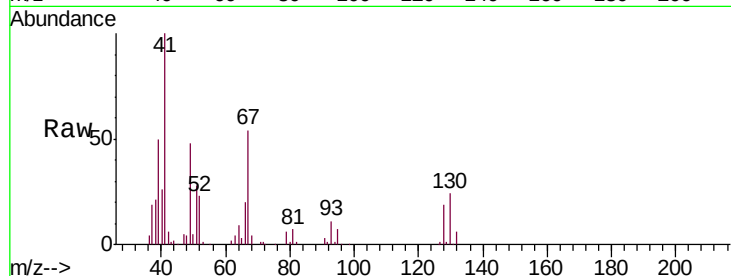




#41
Methacrylonitrile
Concen: 47.531 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

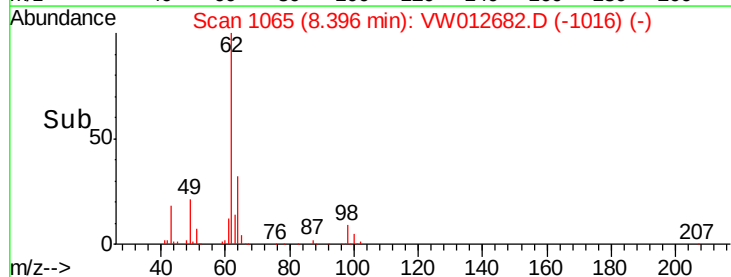
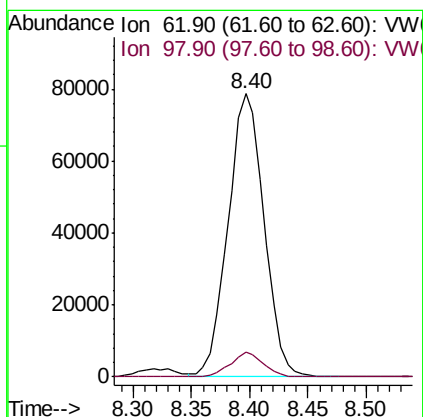
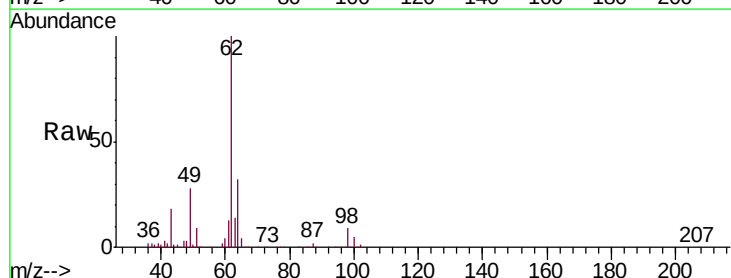
Instrument :
MSVOA_W
ClientSampleId :
BFB

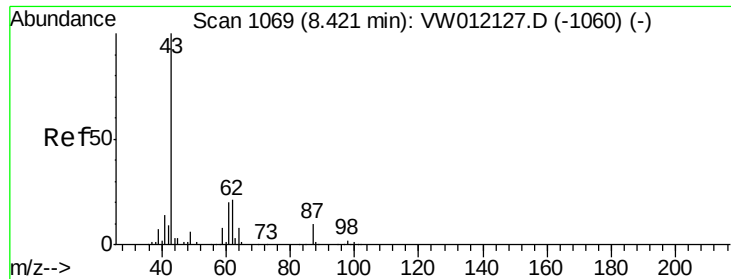
Tgt Ion:	41	Resp:	55946
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.8	68.8
67	56.9	46.2	69.4
52	27.1	21.0	31.6



#42
1,2-Dichloroethane
Concen: 54.049 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion:	62	Resp:	169043
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 46.620 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

BFB

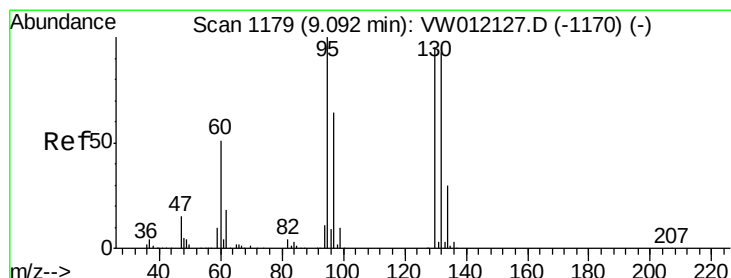
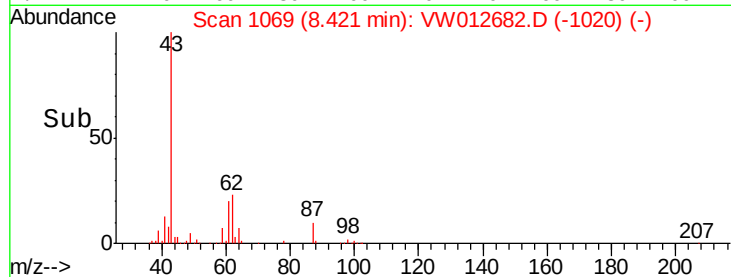
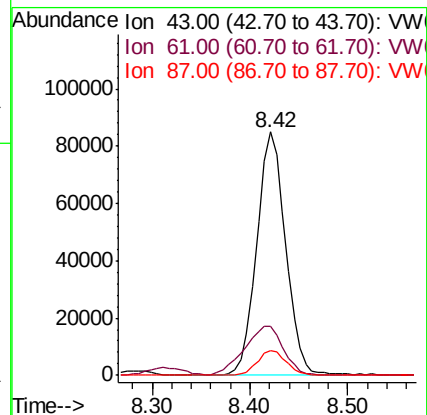
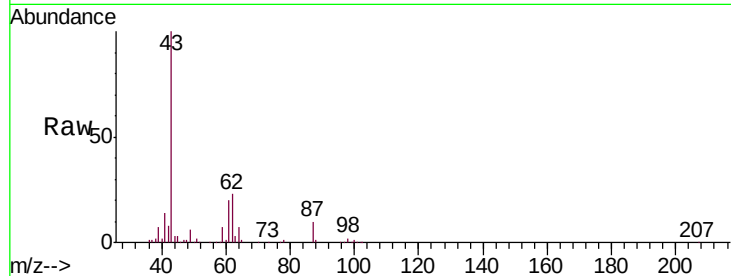
Tgt Ion: 43 Resp: 172942

Ion Ratio Lower Upper

43 100

61 27.5 21.1 31.7

87 10.5 8.2 12.2



#44

Trichloroethene

Concen: 53.877 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012682.D

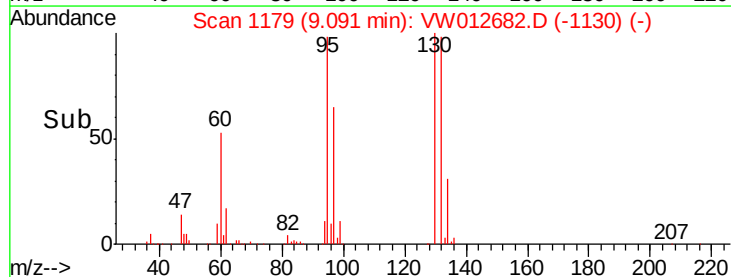
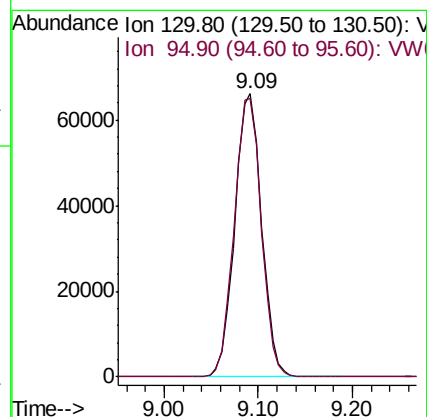
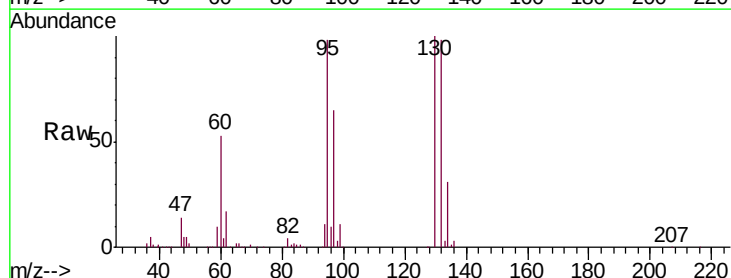
Acq: 06 Sep 2019 10:56

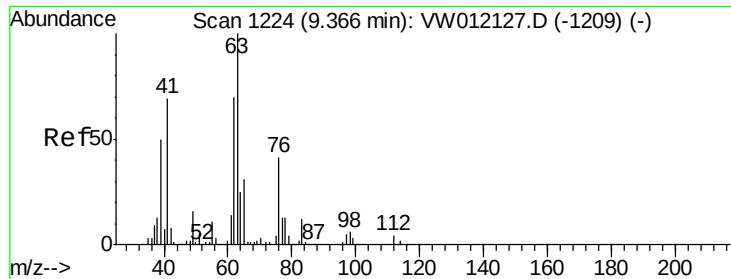
Tgt Ion: 130 Resp: 130700

Ion Ratio Lower Upper

130 100

95 98.3 0.0 210.6

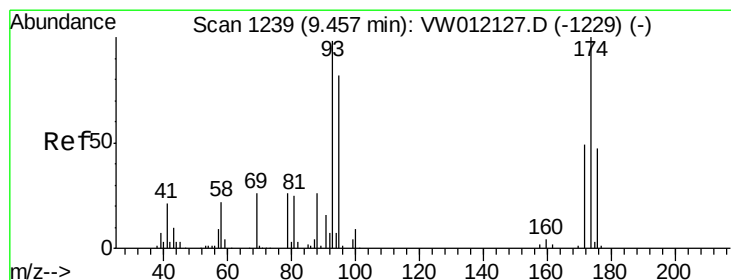
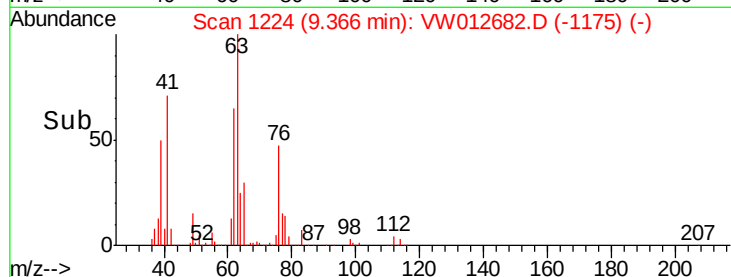
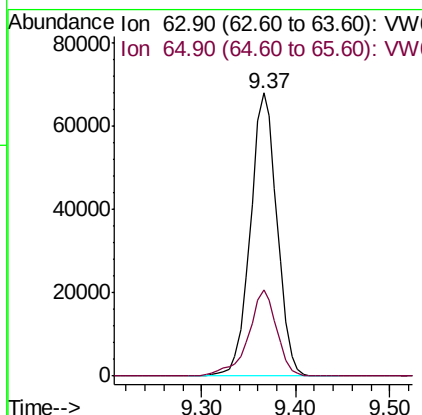
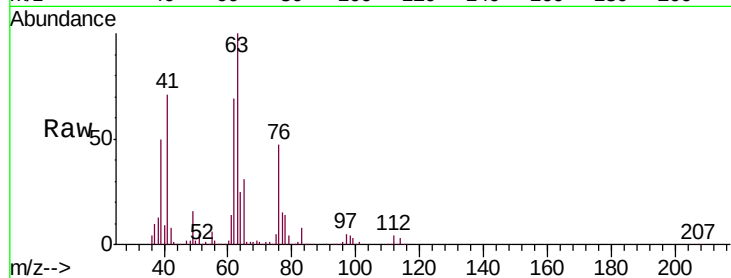




#45
 1,2-Dichloropropane
 Concen: 50.263 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

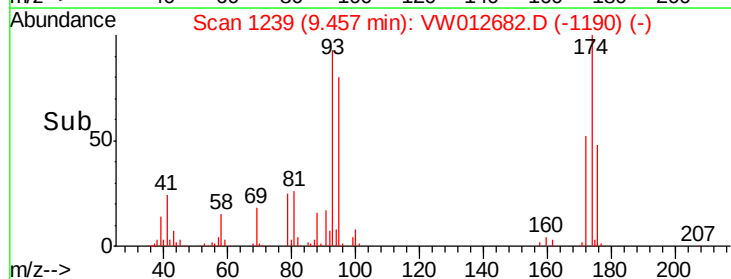
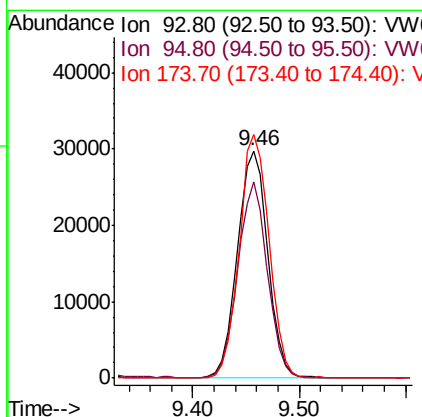
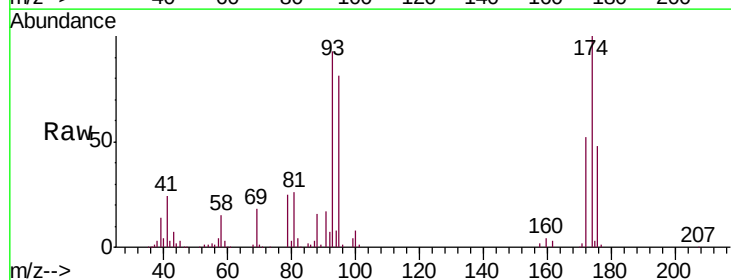
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

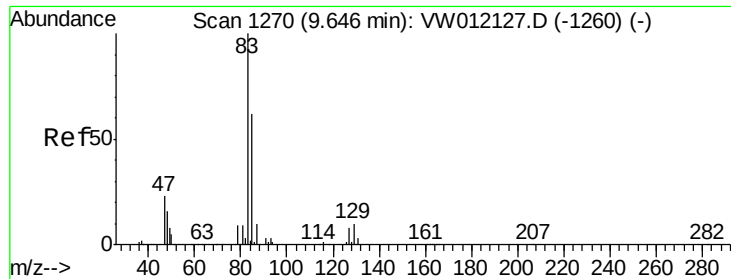
Tgt Ion: 63 Resp: 134993
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 49.973 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 93 Resp: 59715
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.2 100.8
 174 105.7 79.0 118.6

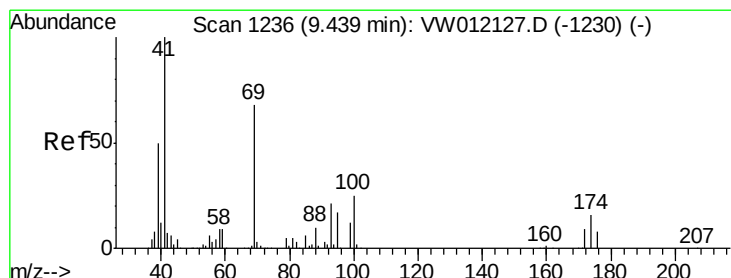
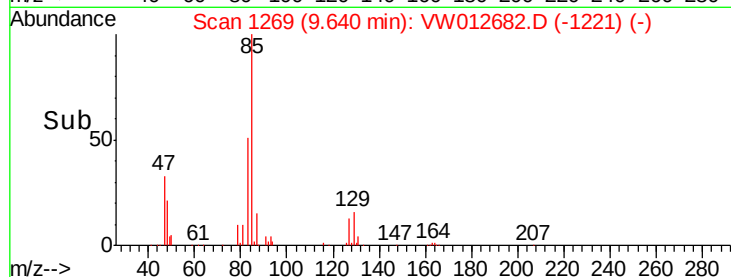
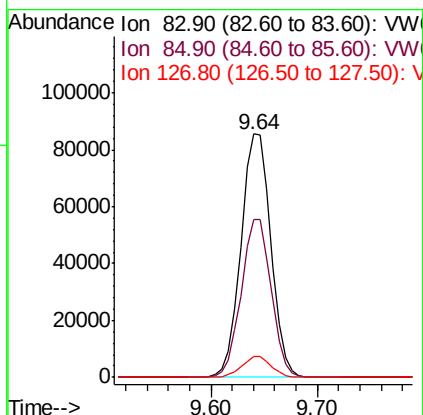
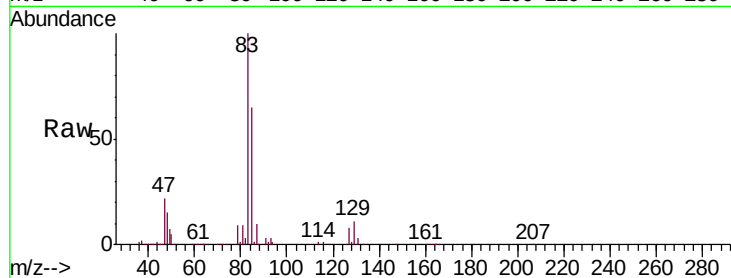




#47
 Bromodichloromethane
 Concen: 53.095 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

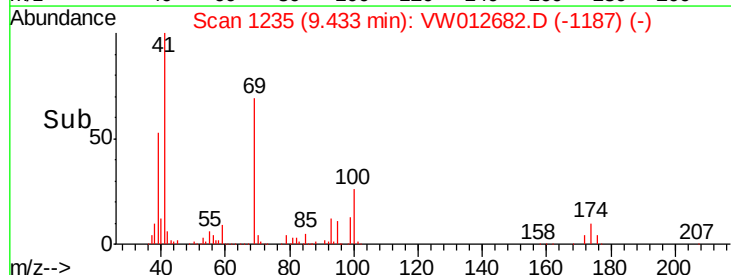
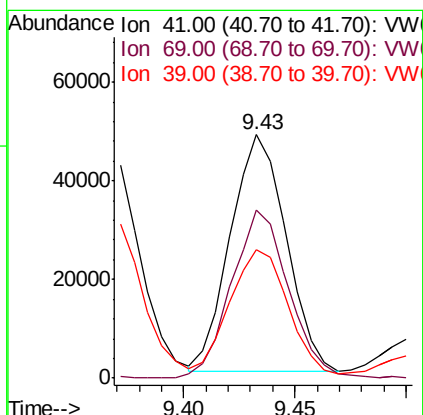
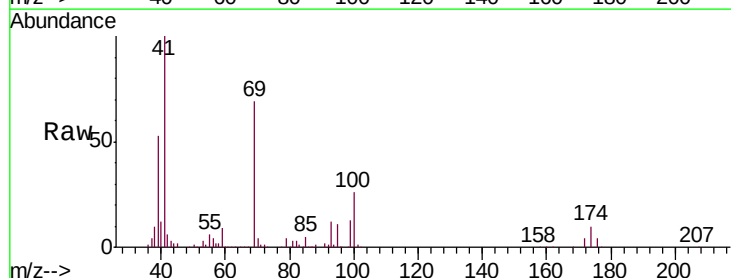
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

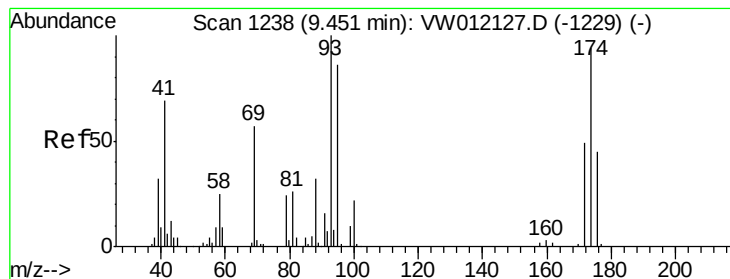
Tgt Ion: 83 Resp: 168856
 Ion Ratio Lower Upper
 83 100
 85 64.9 49.4 74.2
 127 8.4 6.1 9.1



#48
 Methyl methacrylate
 Concen: 47.503 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 41 Resp: 83871
 Ion Ratio Lower Upper
 41 100
 69 72.1 56.7 85.1
 39 53.8 42.0 63.0





#49

1,4-Dioxane

Concen: 831.396 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB

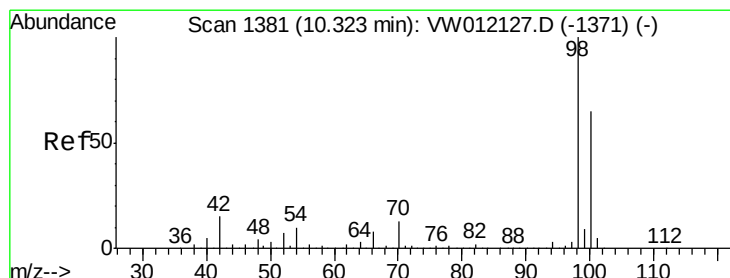
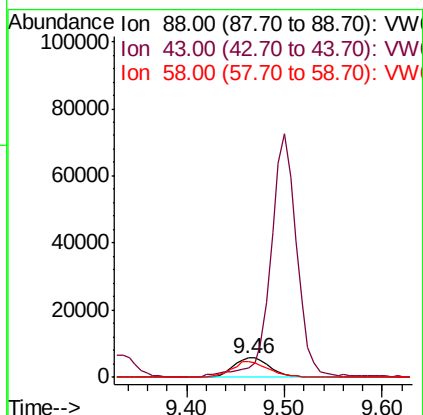
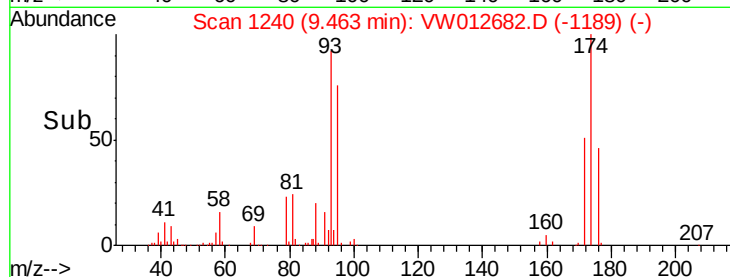
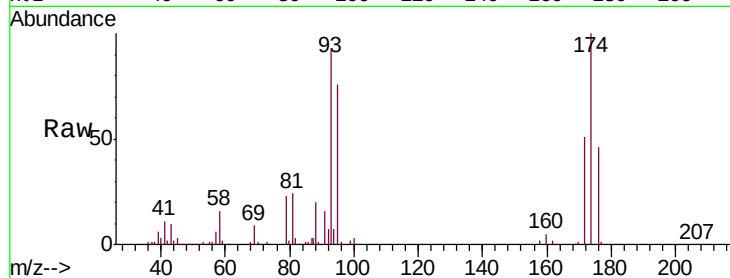
Tgt Ion: 88 Resp: 15209

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

58 83.8 71.0 106.4



#50

Toluene-d8

Concen: 46.629 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012682.D

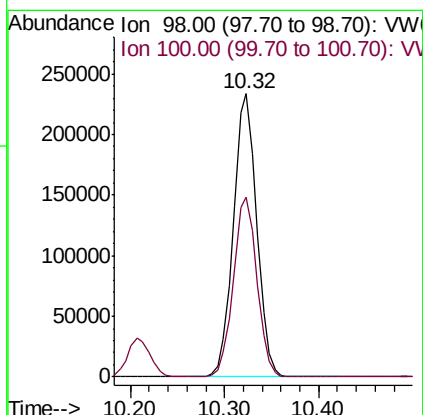
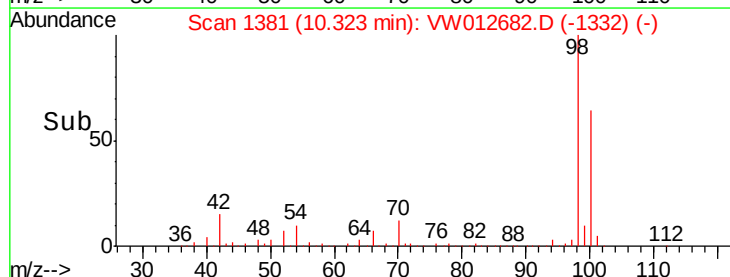
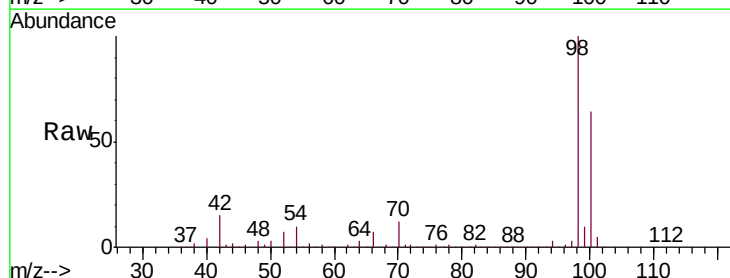
Acq: 06 Sep 2019 10:56

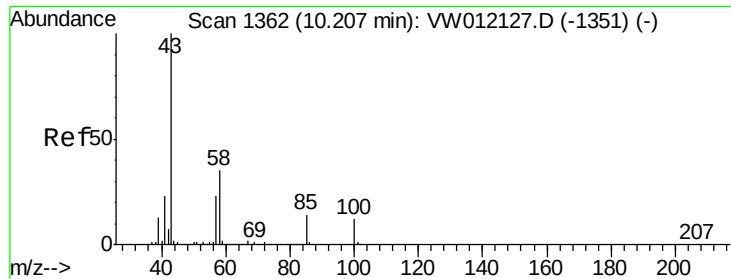
Tgt Ion: 98 Resp: 399119

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6

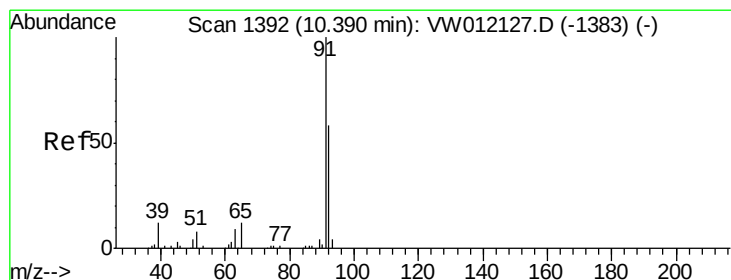
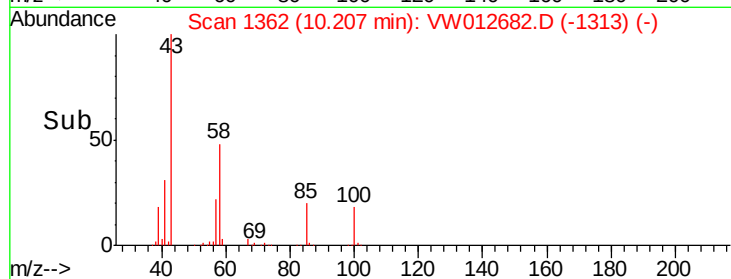
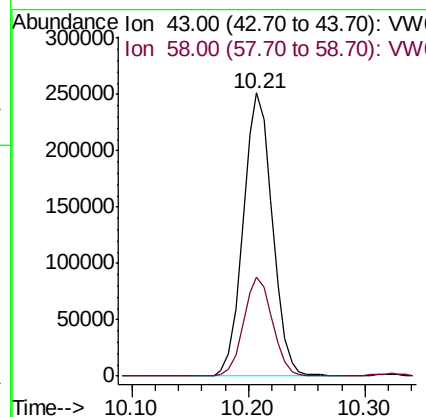
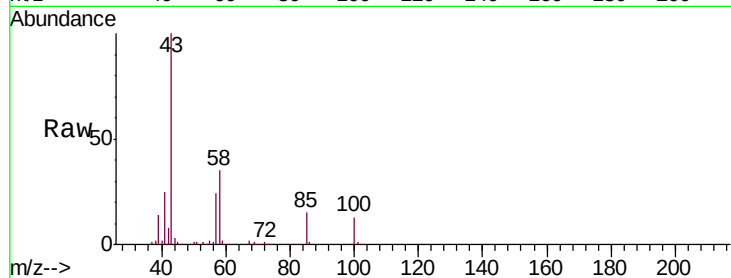




#51
 4-Methyl-2-Pentanone
 Concen: 231.832 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

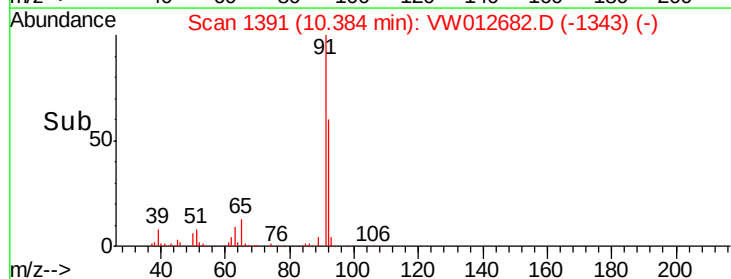
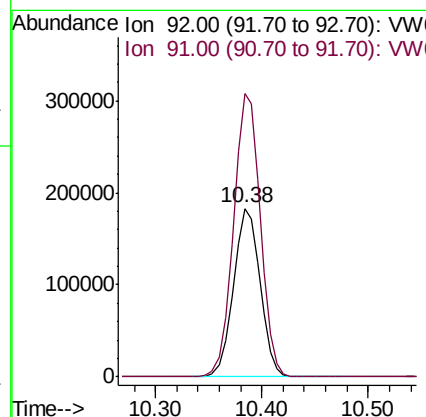
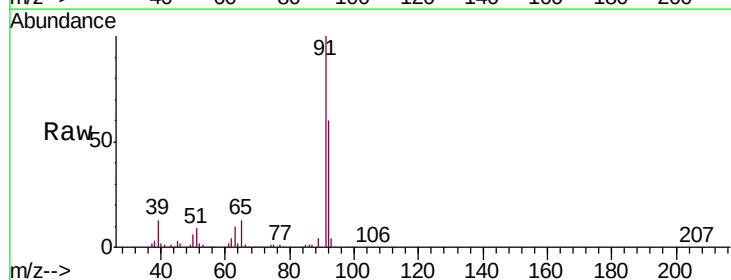
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

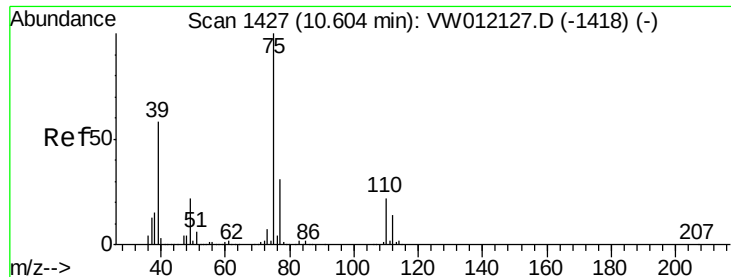
Tgt Ion: 43 Resp: 437423
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2



#52
 Toluene
 Concen: 53.383 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 92 Resp: 320030
 Ion Ratio Lower Upper
 92 100
 91 169.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 53.105 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

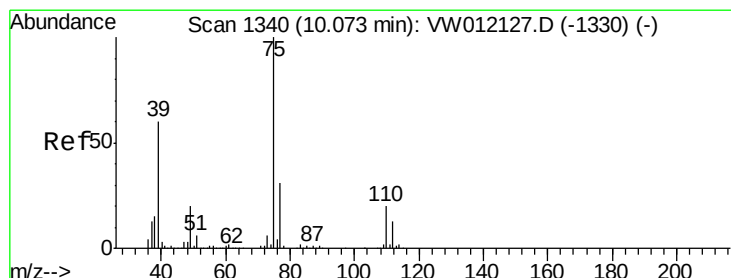
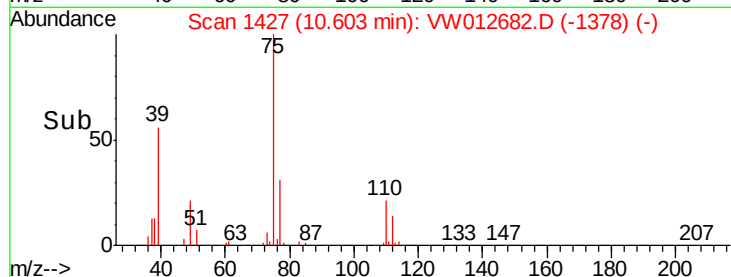
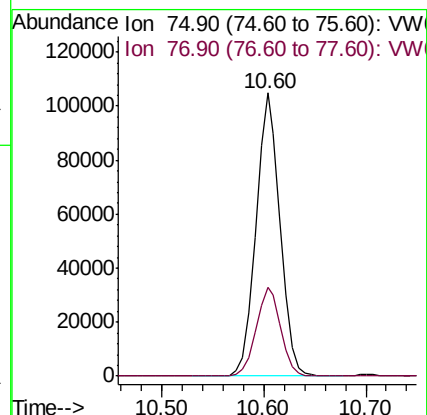
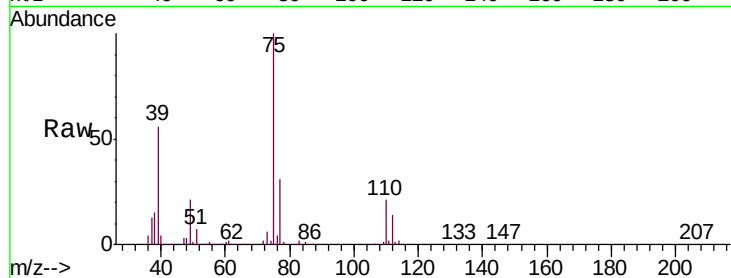
BFB

Tgt Ion: 75 Resp: 172035

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 52.478 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

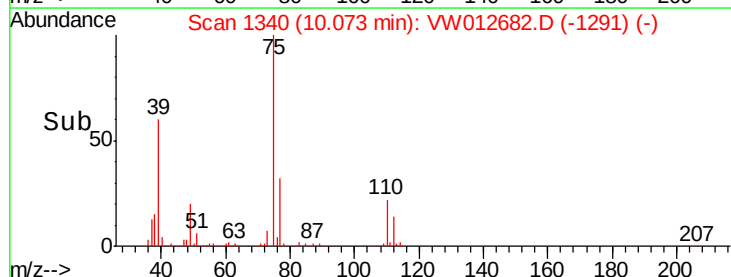
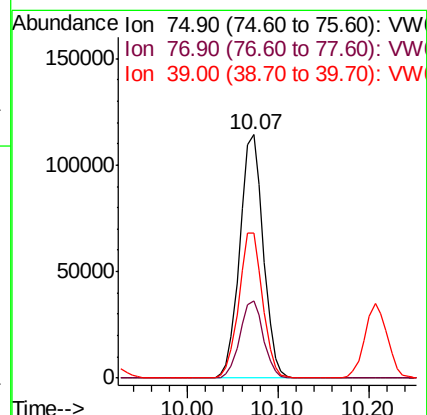
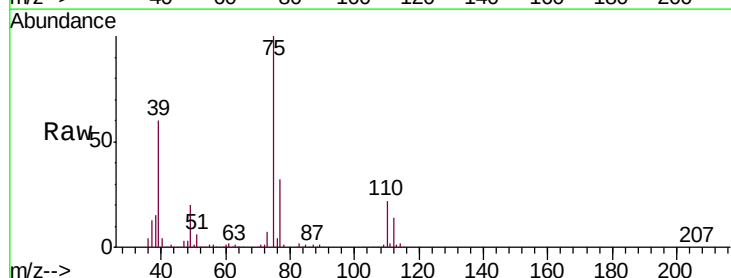
Tgt Ion: 75 Resp: 205268

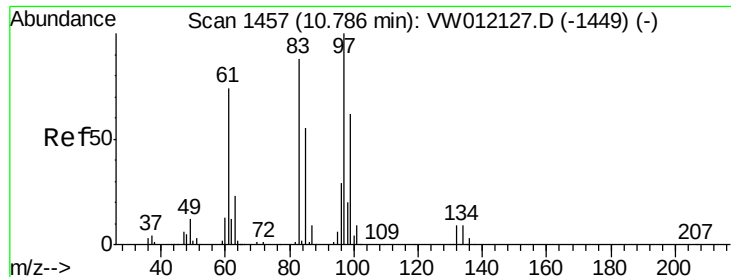
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 59.7 48.3 72.5

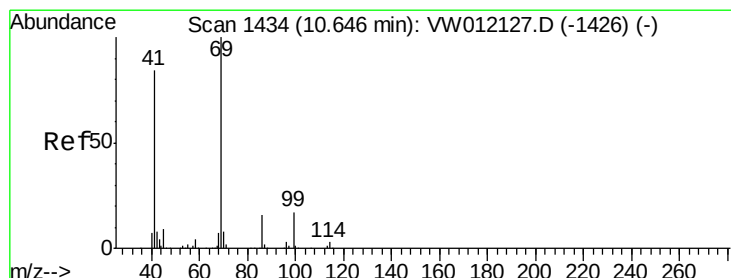
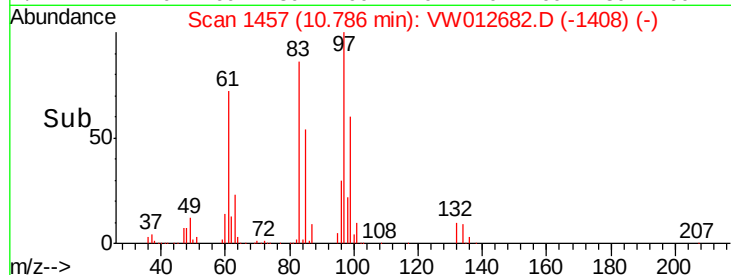
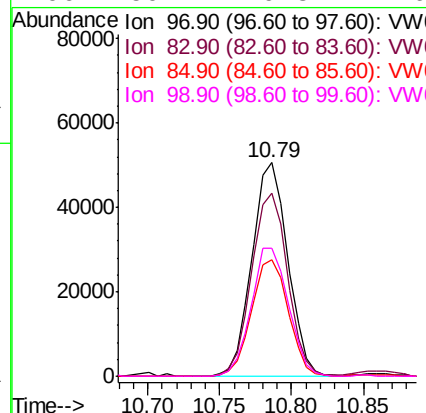
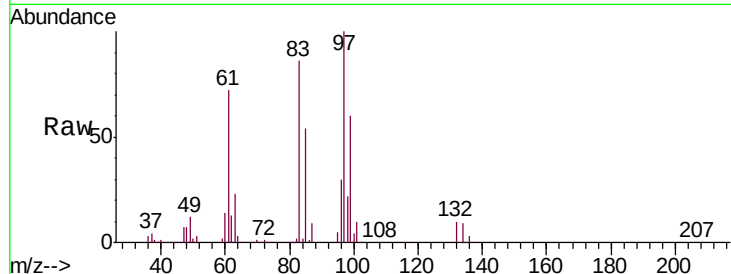




#55
 1,1,2-Trichloroethane
 Concen: 51.456 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

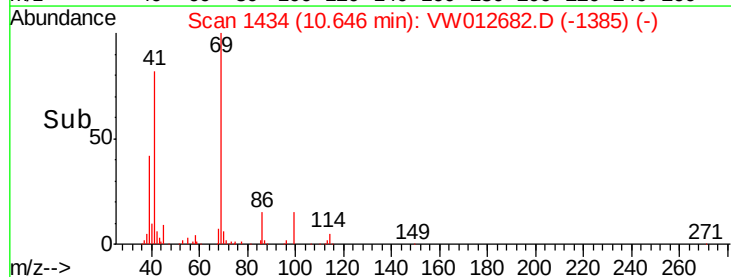
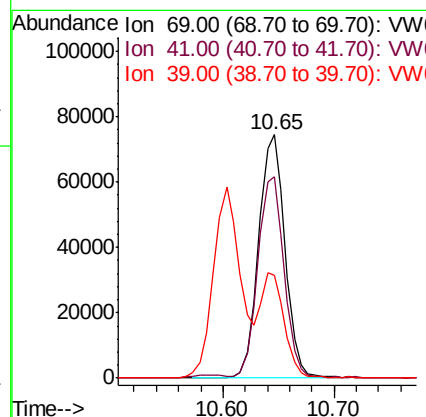
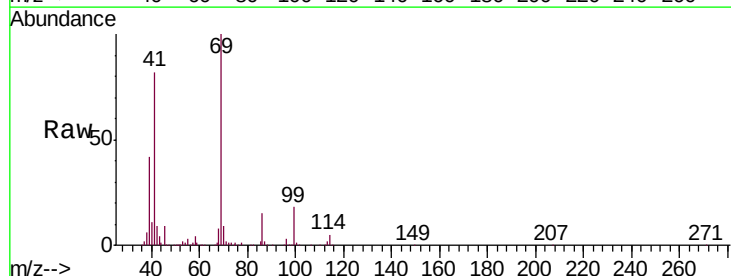
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

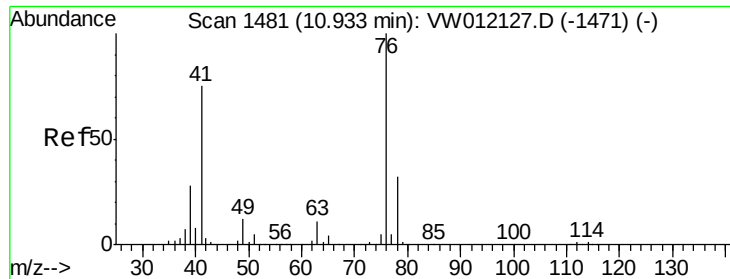
Tgt Ion:	97	Resp:	86996
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.8	106.2
85	54.4	43.8	65.8
99	59.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 49.958 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion:	69	Resp:	122929
Ion	Ratio	Lower	Upper
69	100		
41	81.8	66.5	99.7
39	38.1	31.0	46.4

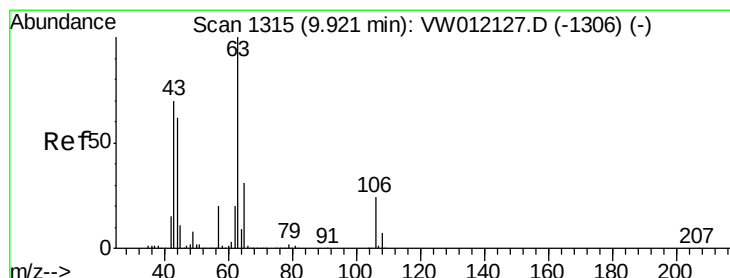
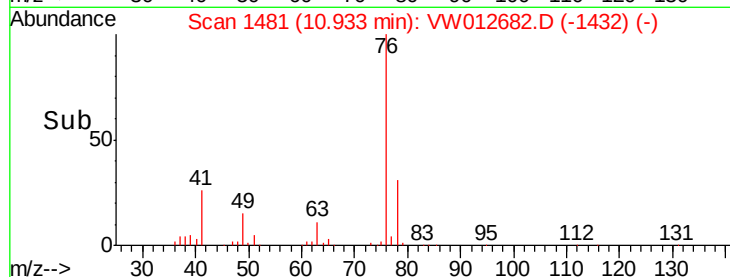
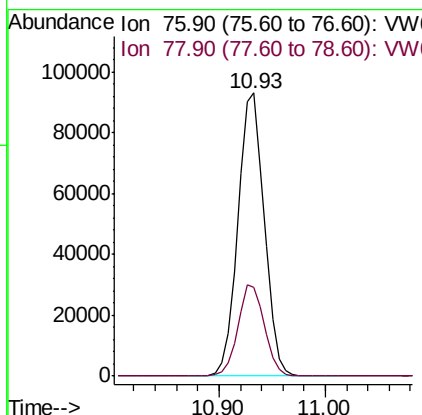
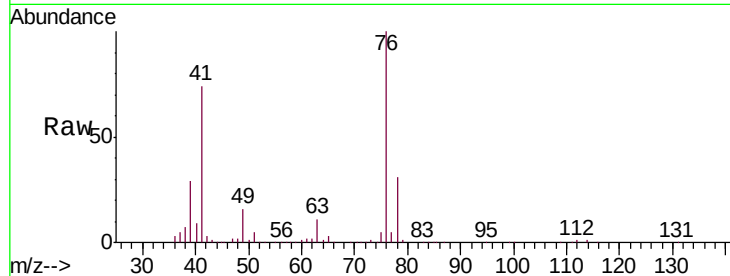




#57
 1,3-Dichloropropane
 Concen: 50.661 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

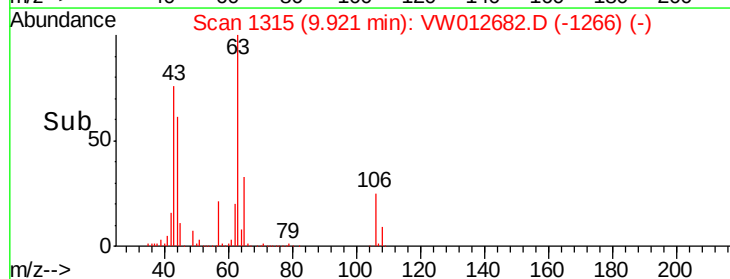
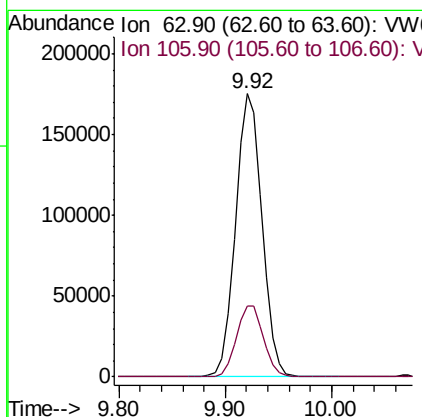
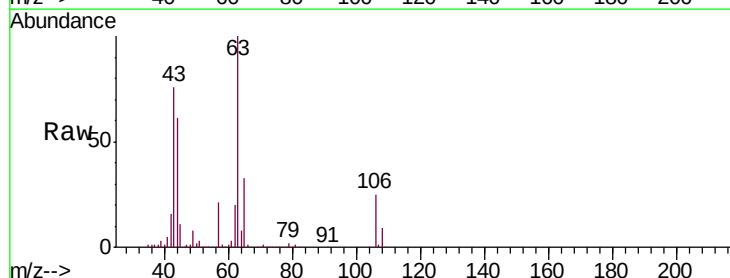
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

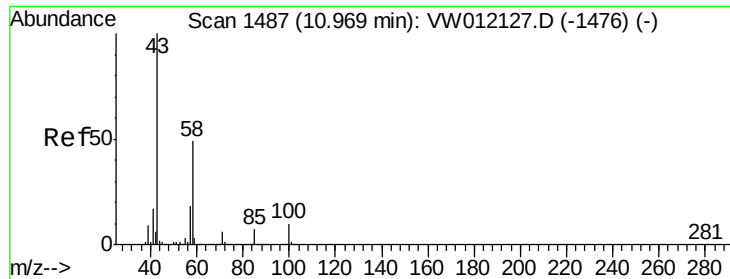
Tgt Ion: 76 Resp: 161862
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.752 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 63 Resp: 305301
 Ion Ratio Lower Upper
 63 100
 106 25.8 19.8 29.8

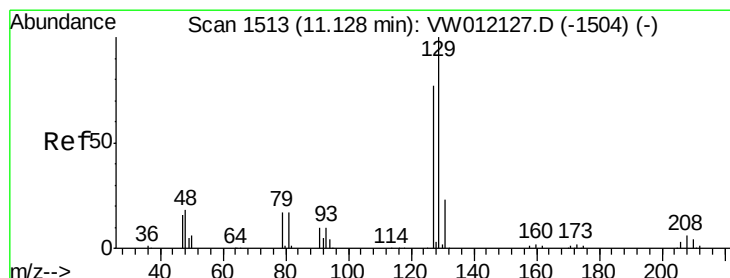
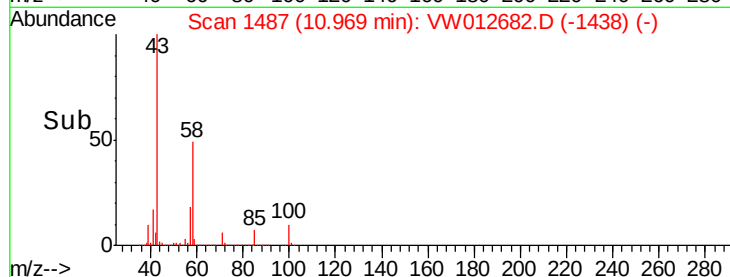
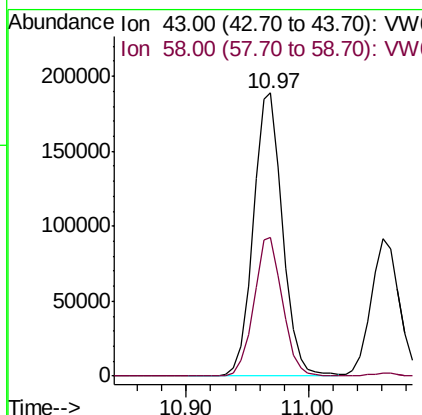
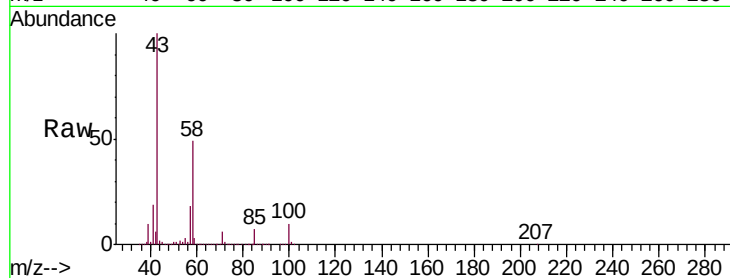




#59
2-Hexanone
Concen: 234.996 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

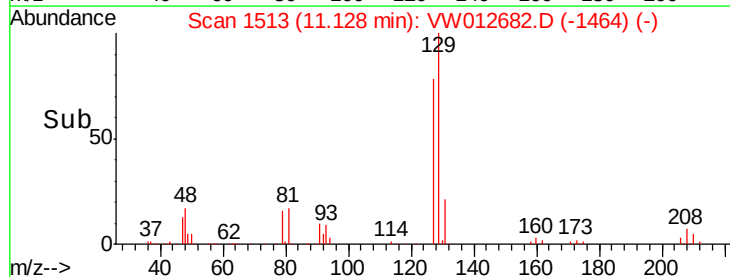
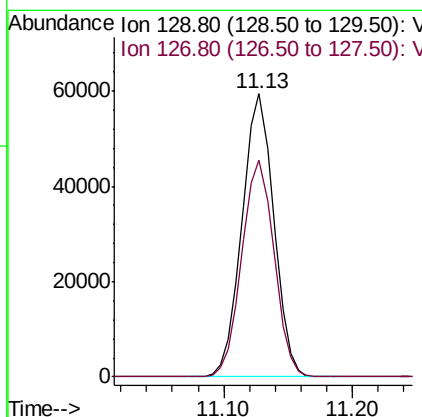
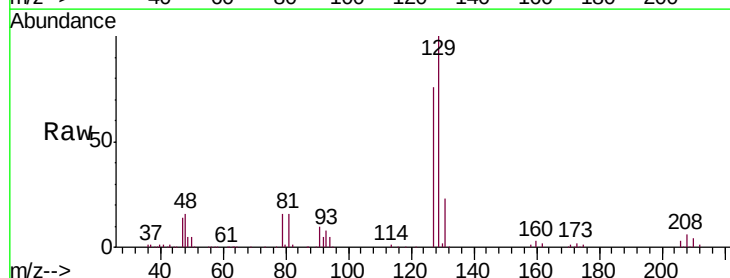
Instrument :
MSVOA_W
ClientSampled :
BFB

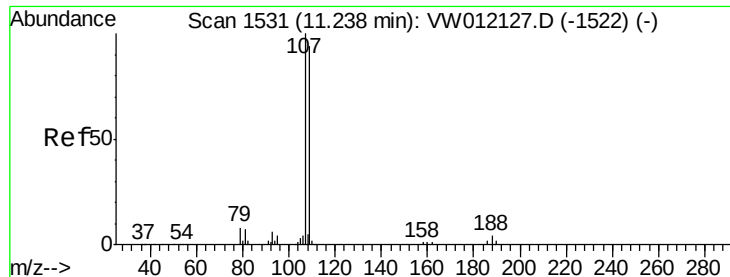
Tgt Ion: 43 Resp: 313729
Ion Ratio Lower Upper
43 100
58 48.3 24.3 72.9



#60
Dibromochloromethane
Concen: 53.922 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 129 Resp: 101543
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

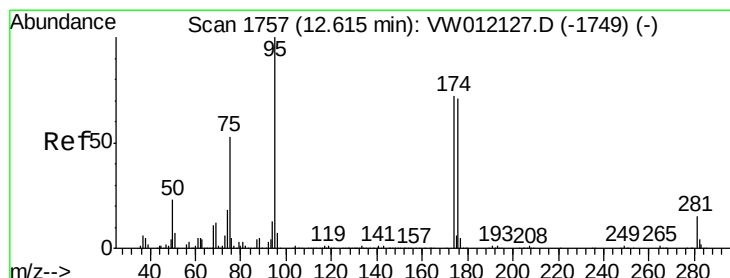
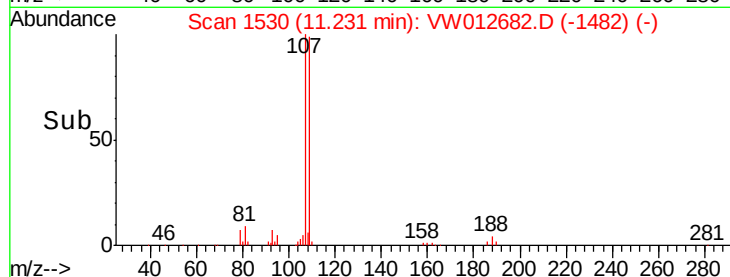
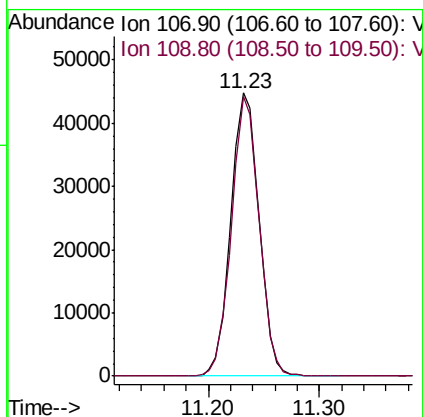
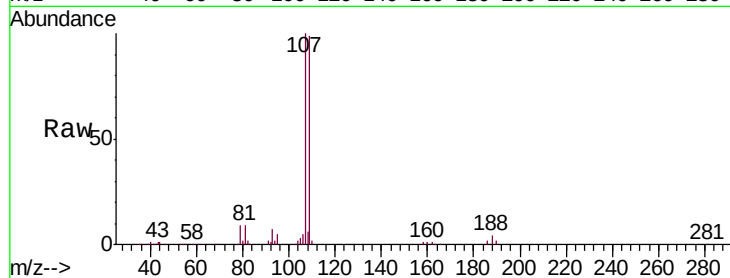




#61
 1,2-Dibromoethane
 Concen: 50.034 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

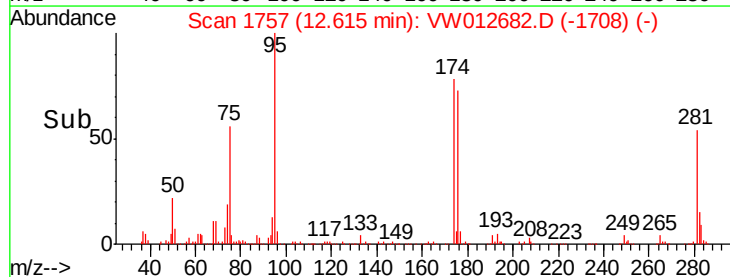
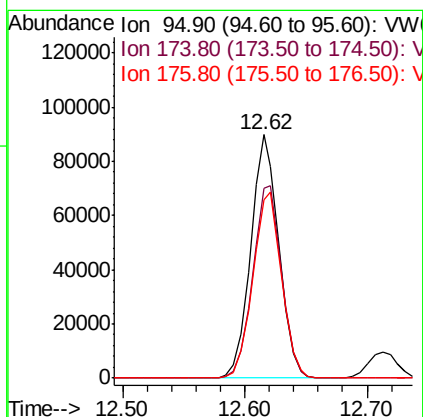
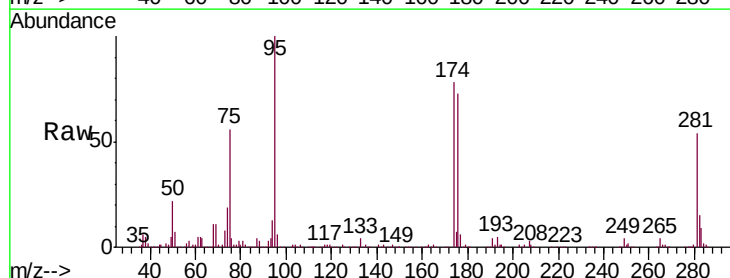
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

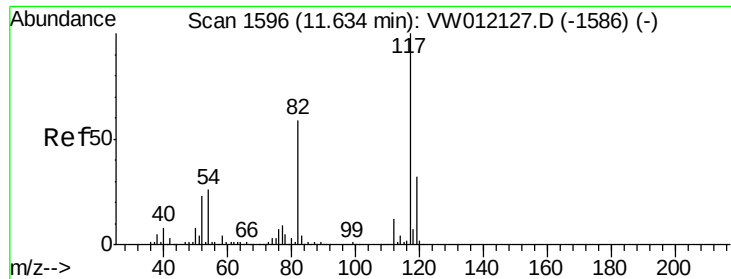
Tgt Ion: 107 Resp: 78808
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.477 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 95 Resp: 143246
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 150.8
 176 78.2 0.0 148.6

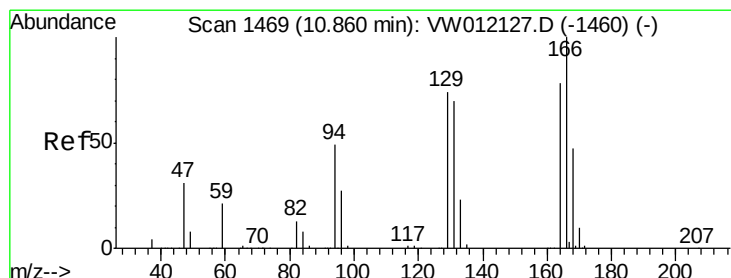
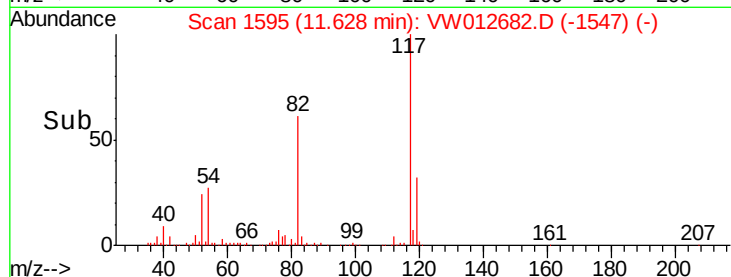
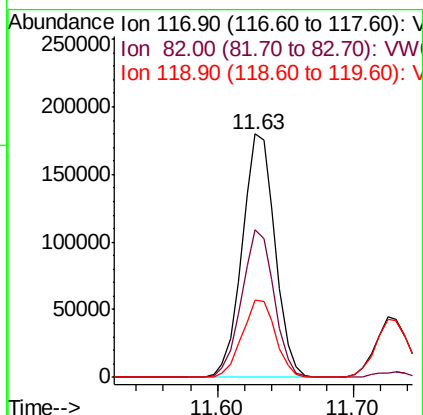
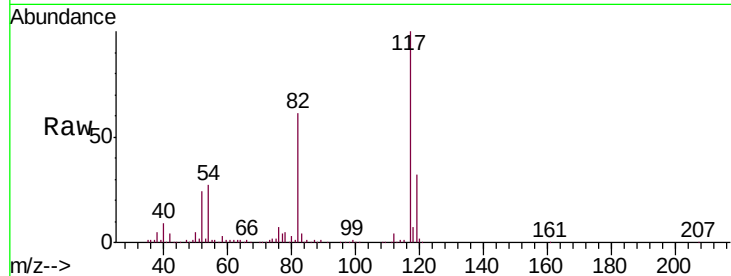




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

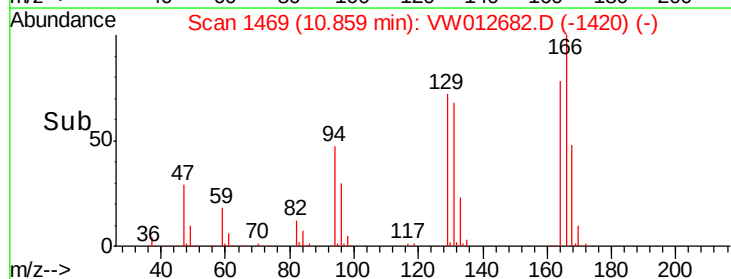
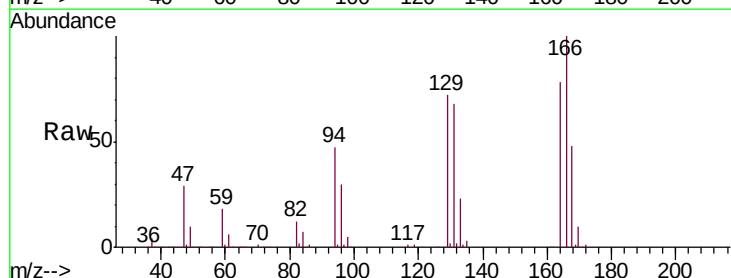
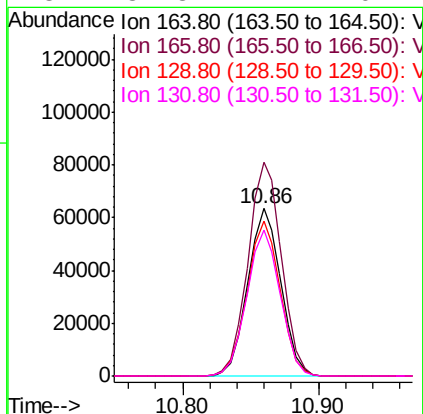
Instrument :
MSVOA_W
ClientSampled :
BFB

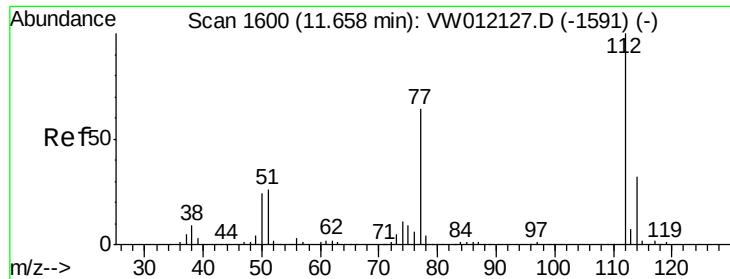
Tgt Ion:117 Resp: 303043
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 54.982 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion:164 Resp: 108024
Ion Ratio Lower Upper
164 100
166 127.5 102.4 153.6
129 92.3 75.8 113.6
131 87.3 71.4 107.2





#65

Chlorobenzene

Concen: 53.794 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

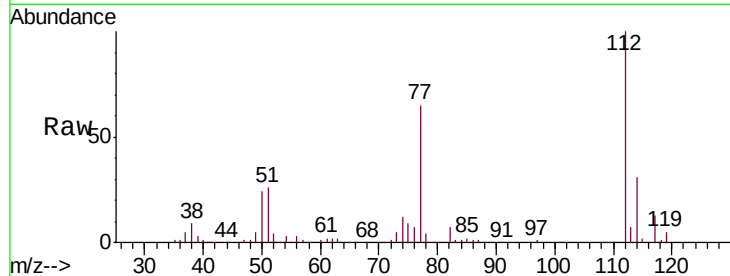
BFB

Tgt Ion:112 Resp: 320998

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.65

200000

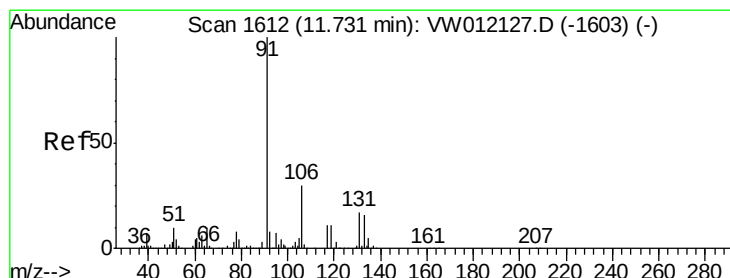
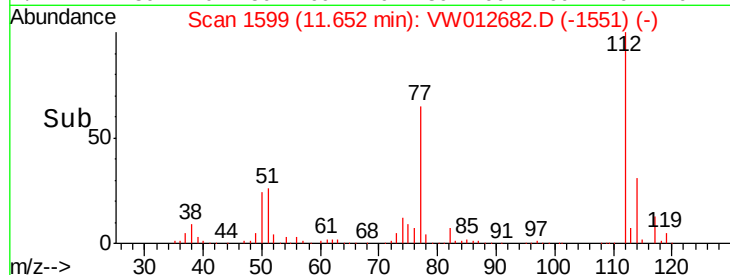
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 55.572 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

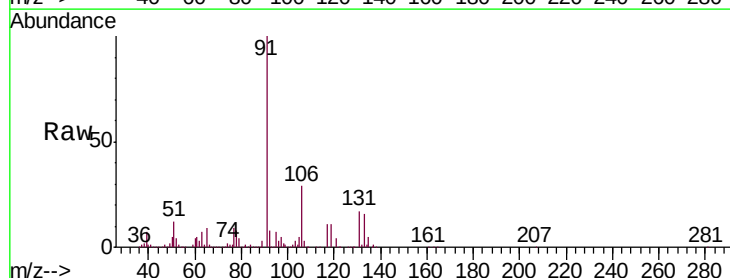
Tgt Ion:131 Resp: 115685

Ion Ratio Lower Upper

131 100

133 94.5 47.1 141.3

119 62.6 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

80000

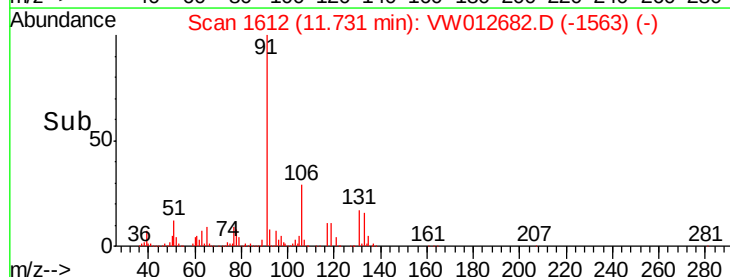
60000

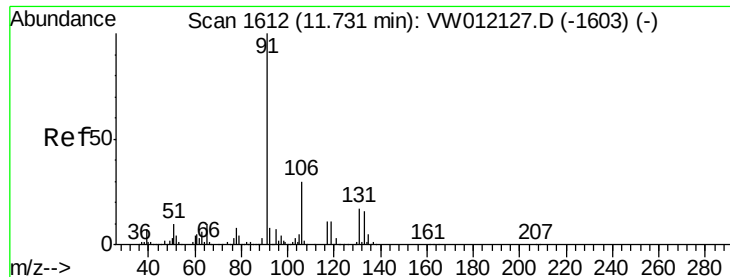
40000

20000

0

Time-->

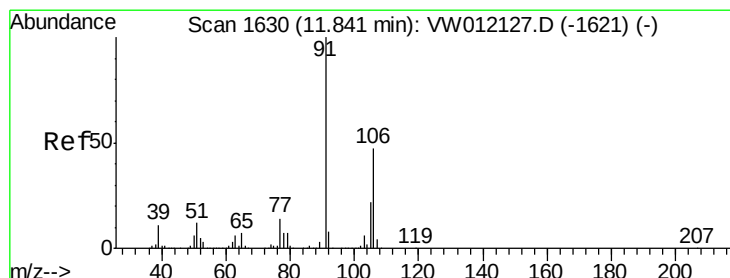
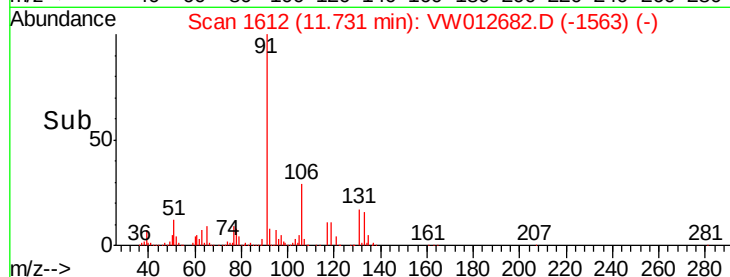
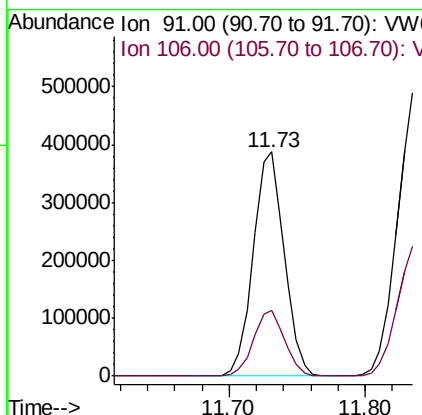
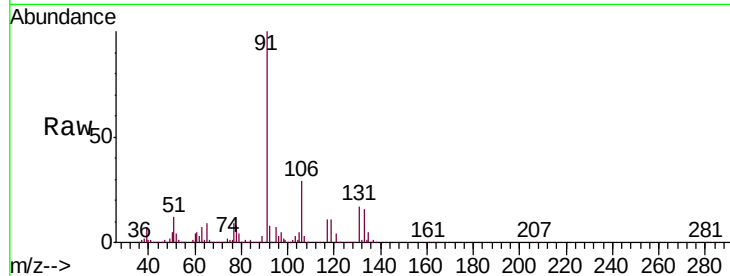




#67
Ethyl Benzene
Concen: 54.113 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

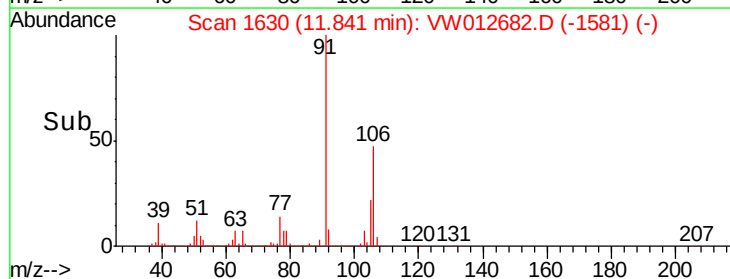
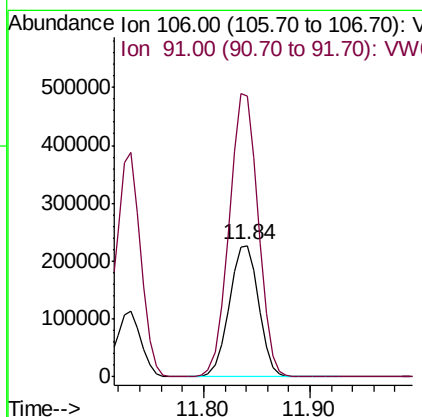
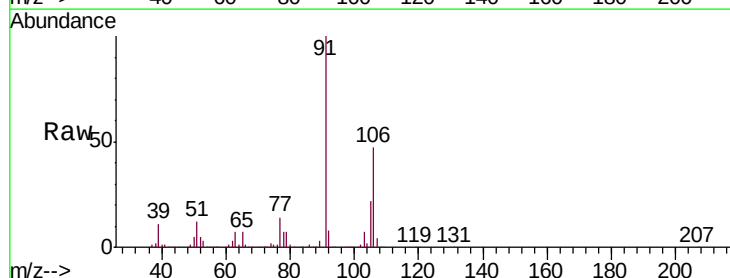
Instrument :
MSVOA_W
ClientSampled :
BFB

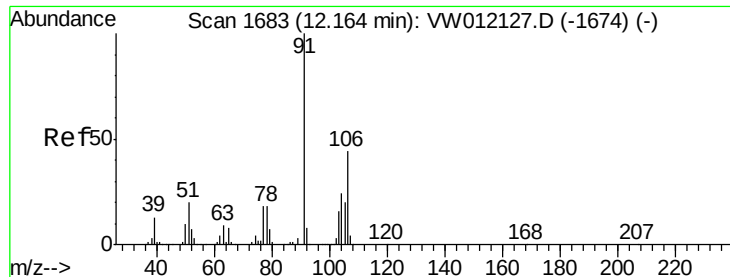
Tgt Ion: 91 Resp: 622017
Ion Ratio Lower Upper
91 100
106 29.2 24.3 36.5



#68
m/p-Xylenes
Concen: 106.140 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 106 Resp: 439478
Ion Ratio Lower Upper
106 100
91 213.1 169.5 254.3

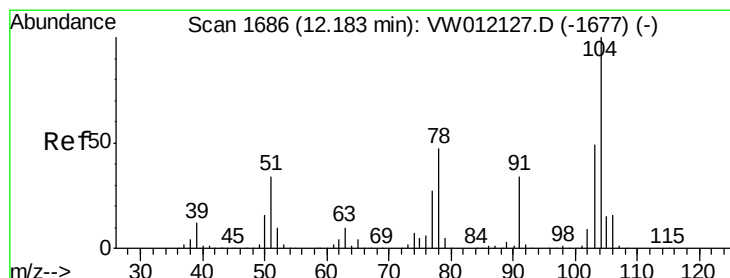
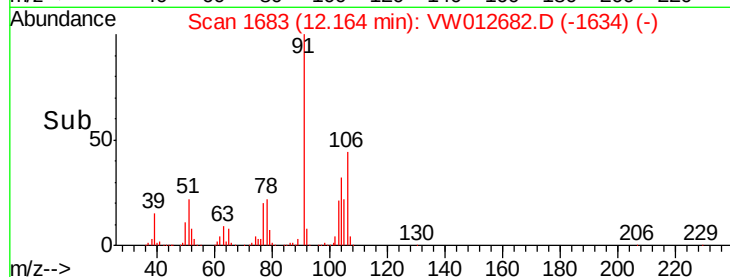
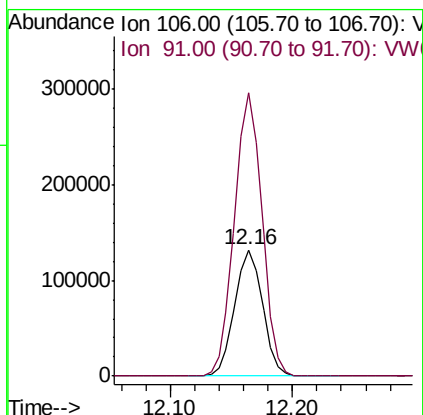
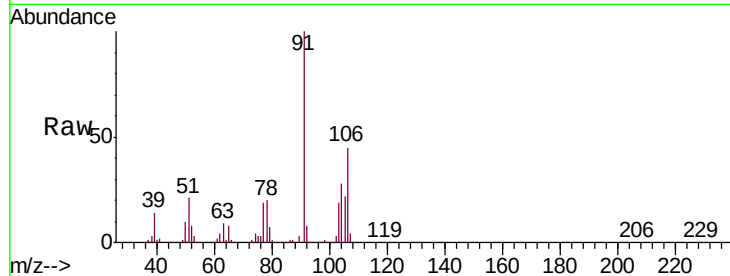




#69
o-Xylene
Concen: 54.313 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

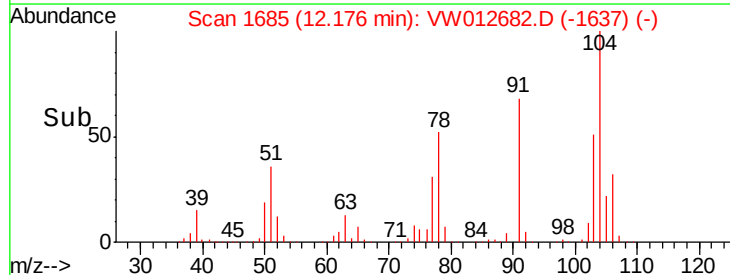
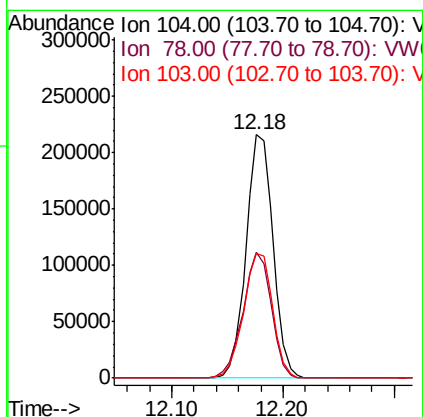
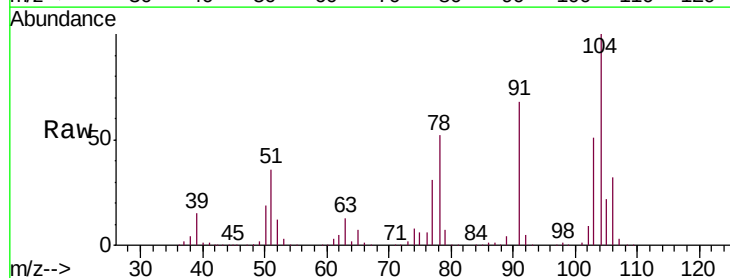
Instrument :
MSVOA_W
ClientSampleId :
BFB

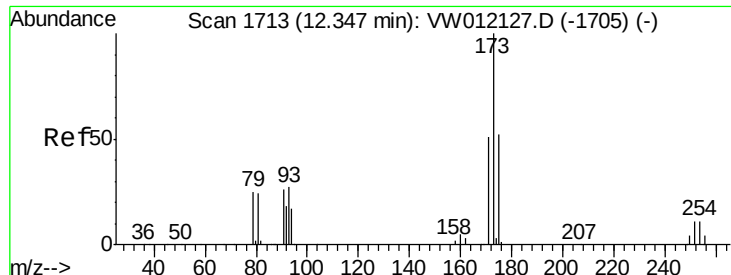
Tgt Ion:106 Resp: 208137
Ion Ratio Lower Upper
106 100
91 223.0 111.6 334.6



#70
Styrene
Concen: 54.804 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion:104 Resp: 363524
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 55.3 43.5 65.3





#71

Bromoform

Concen: 55.002 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

BFB

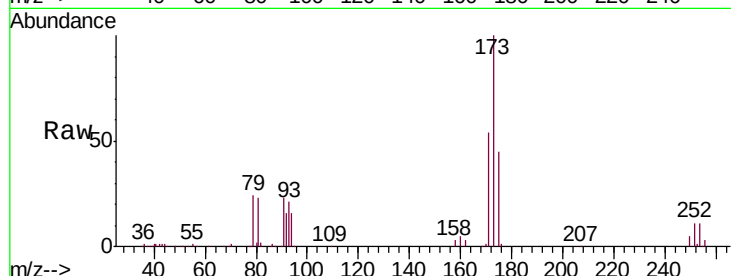
Tgt Ion:173 Resp: 57046

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

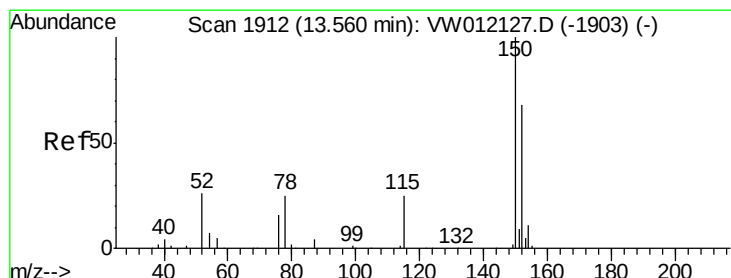
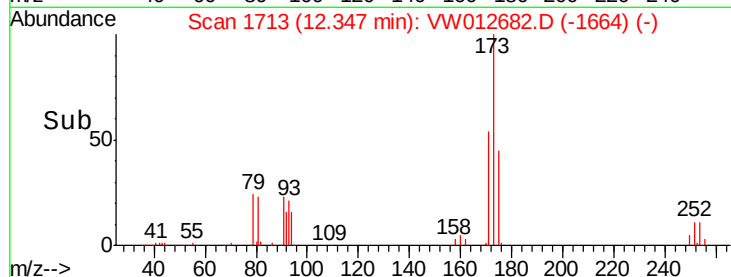
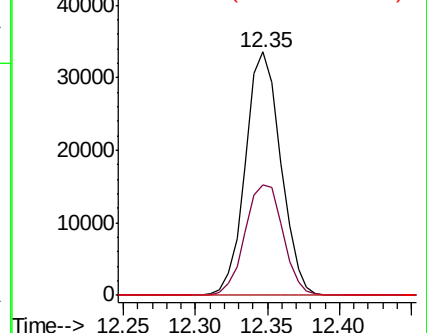
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

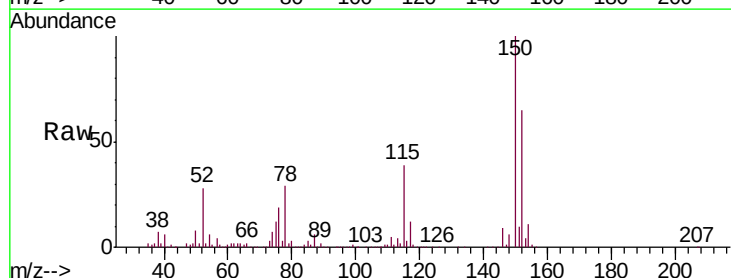
Tgt Ion:152 Resp: 148811

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

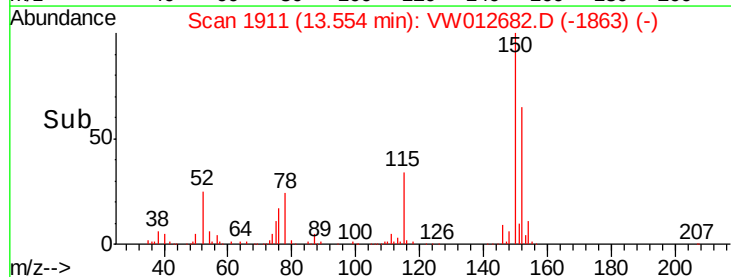
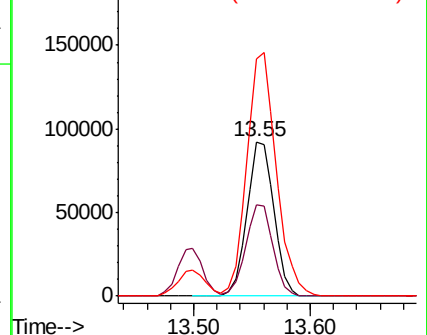
150 173.1 0.0 345.8

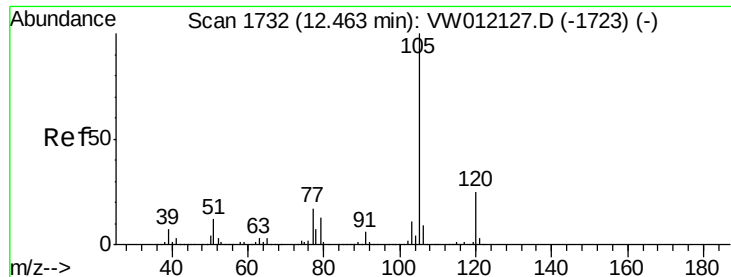


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.952 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

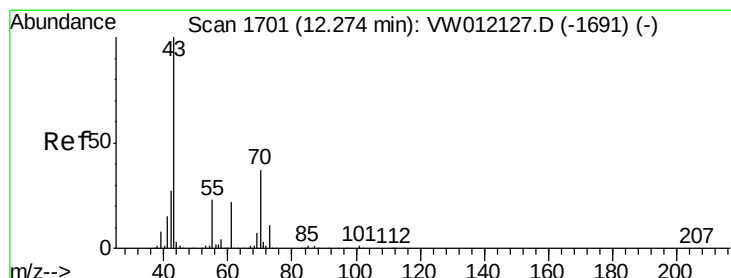
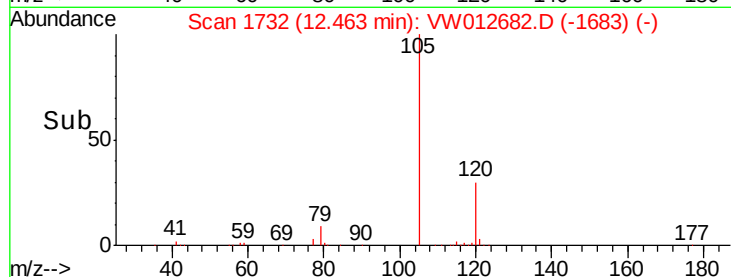
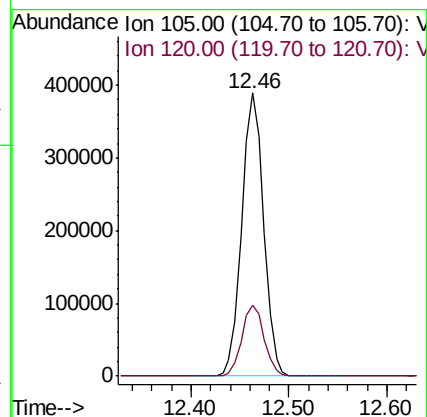
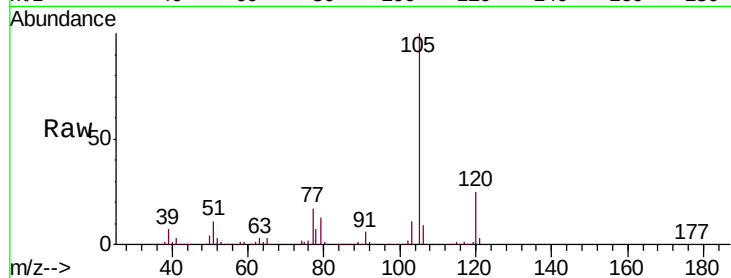
BFB

Tgt Ion: 105 Resp: 601598

Ion Ratio Lower Upper

105 100

120 25.5 12.5 37.5



#74

N-ethyl acetate

Concen: 46.812 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Tgt Ion: 43 Resp: 157705

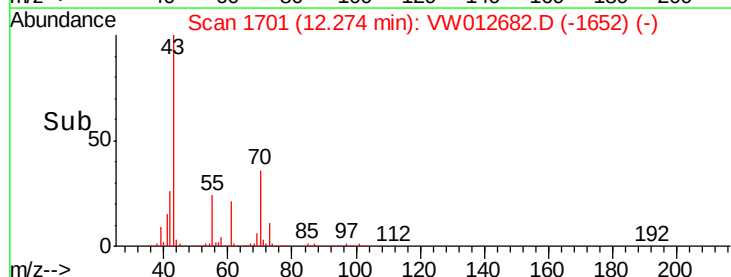
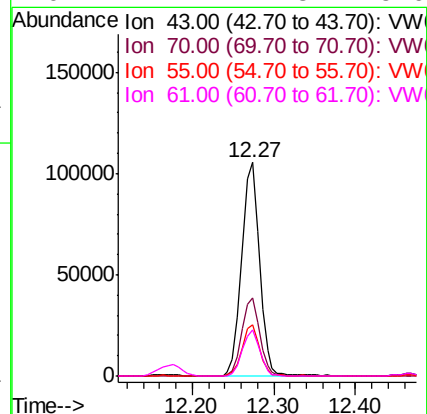
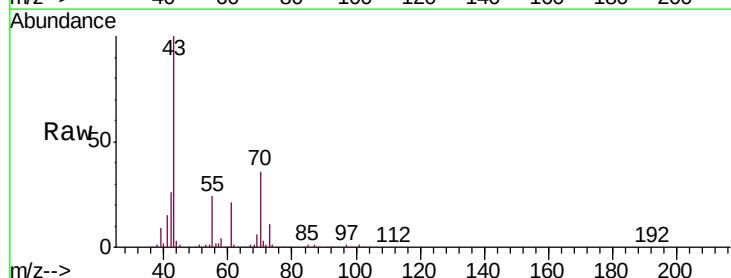
Ion Ratio Lower Upper

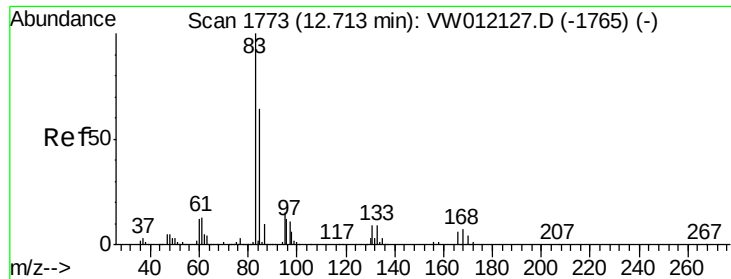
43 100

70 36.6 28.6 43.0

55 23.7 17.8 26.6

61 21.2 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.682 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

BFB

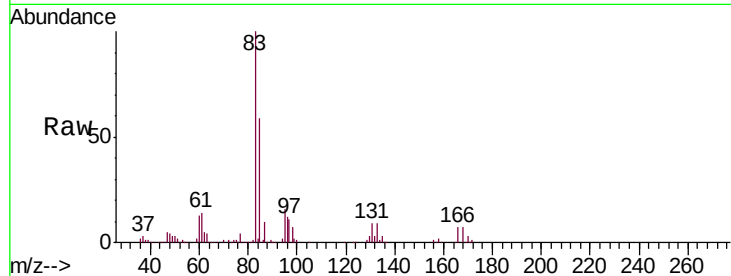
Tgt Ion: 83 Resp: 97473

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

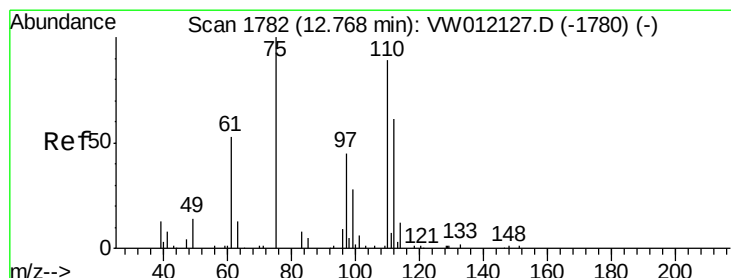
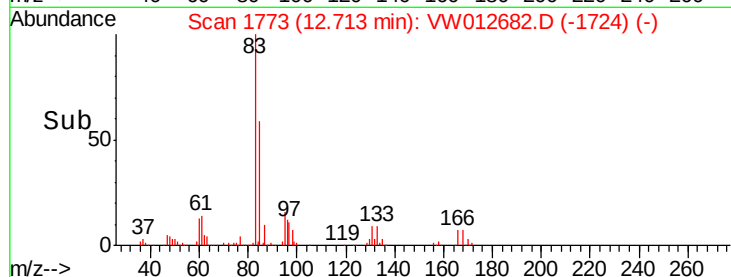
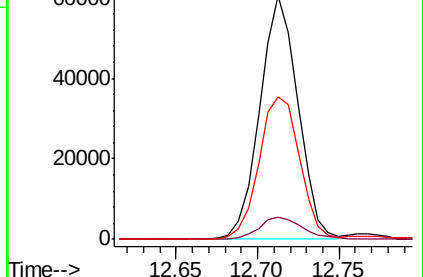
85 62.6 31.9 95.7



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: 90.956 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012682.D

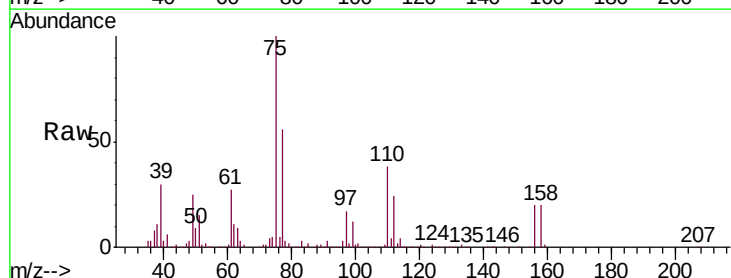
Acq: 06 Sep 2019 10:56

Tgt Ion: 75 Resp: 131824

Ion Ratio Lower Upper

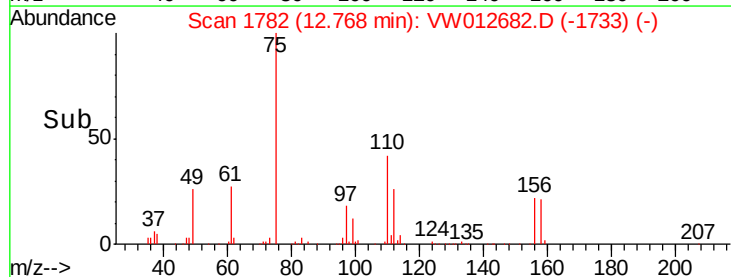
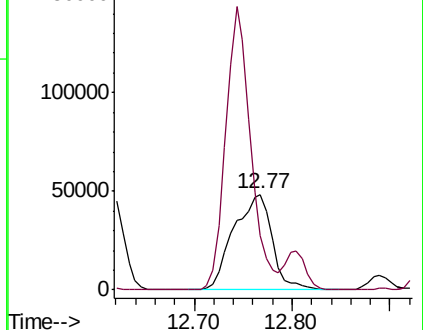
75 100

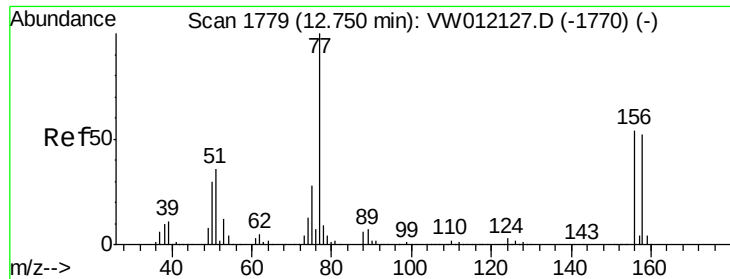
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.604 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB

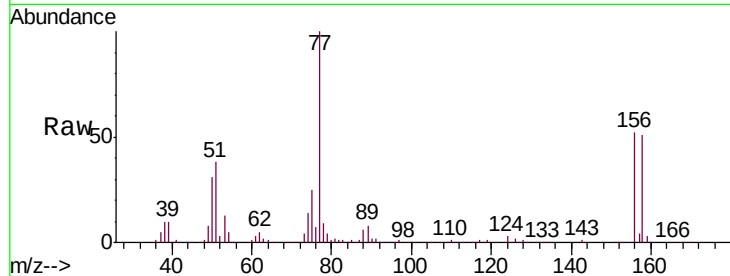
Tgt Ion: 156 Resp: 126898

Ion Ratio Lower Upper

156 100

77 202.2 107.3 321.8

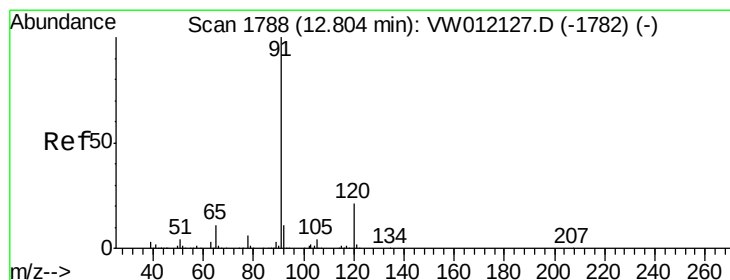
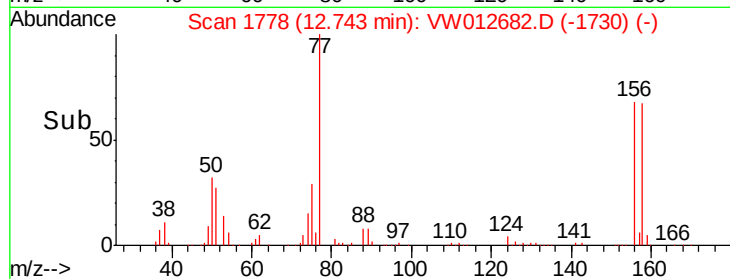
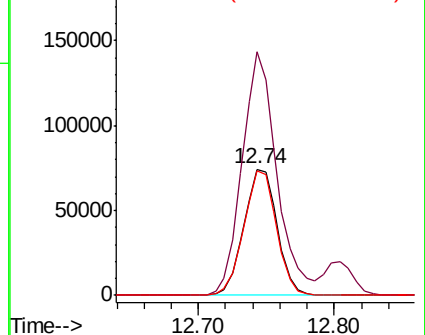
158 97.1 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.254 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012682.D

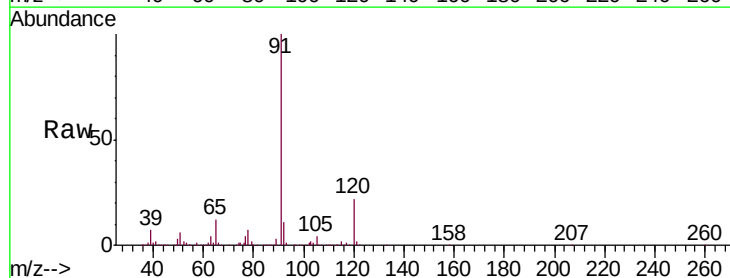
Acq: 06 Sep 2019 10:56

Tgt Ion: 91 Resp: 724927

Ion Ratio Lower Upper

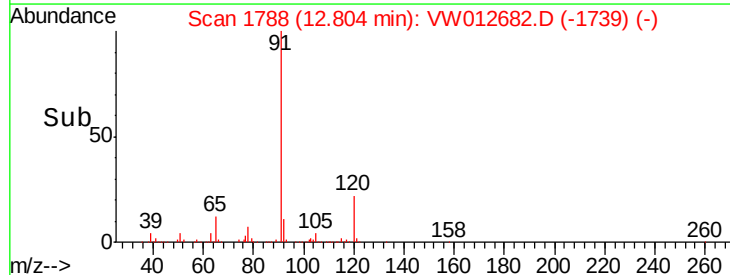
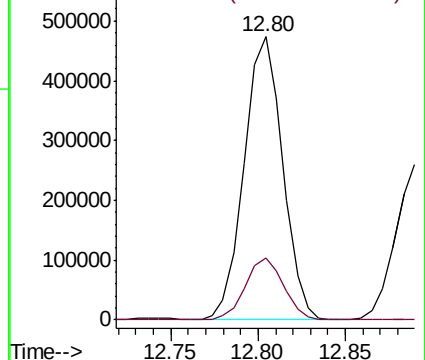
91 100

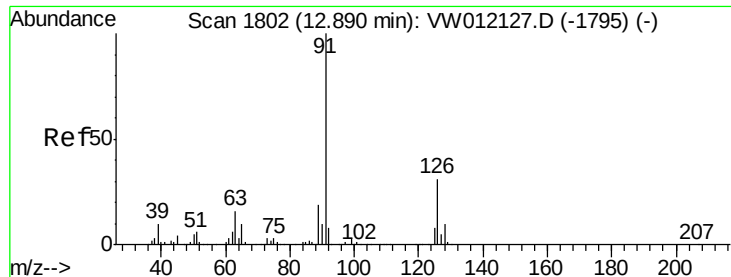
120 21.9 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.820 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

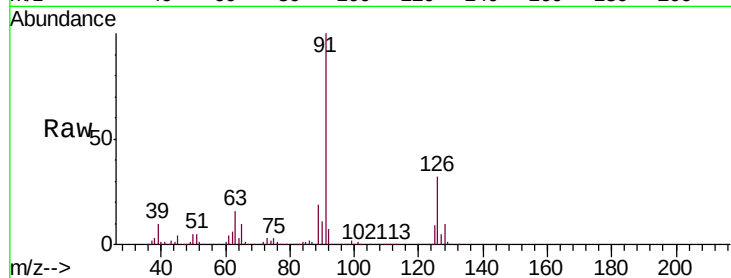
BFB

Tgt Ion: 91 Resp: 408223

Ion Ratio Lower Upper

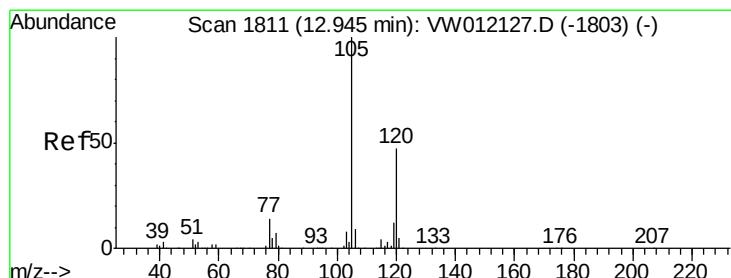
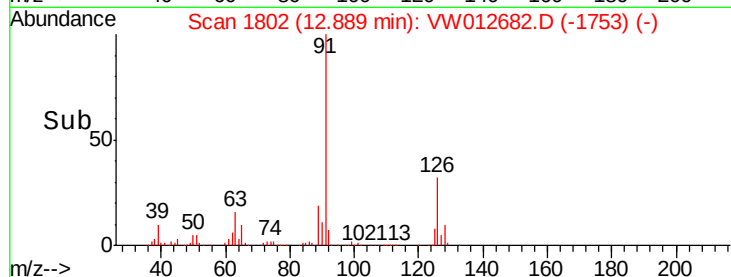
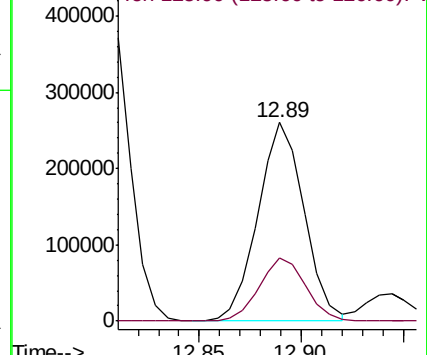
91 100

126 32.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.919 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012682.D

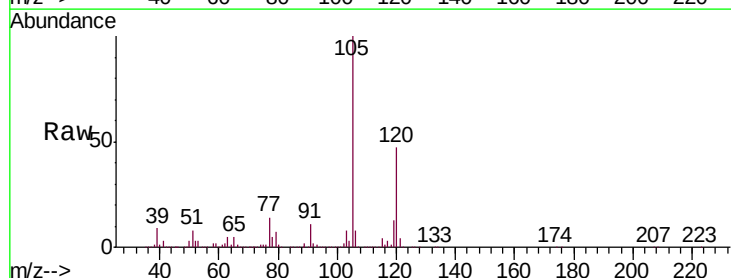
Acq: 06 Sep 2019 10:56

Tgt Ion: 105 Resp: 511700

Ion Ratio Lower Upper

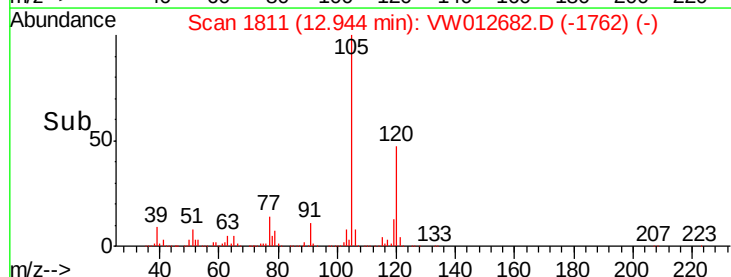
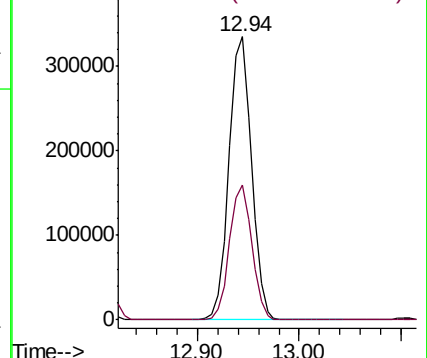
105 100

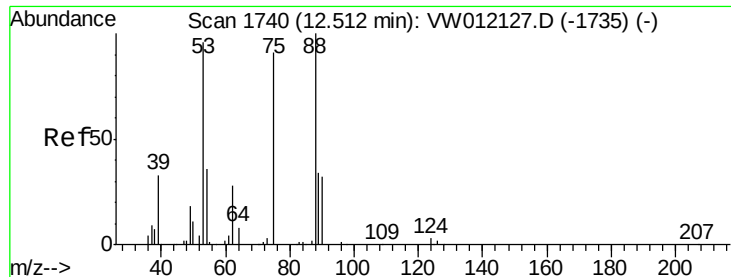
120 47.4 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.853 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB

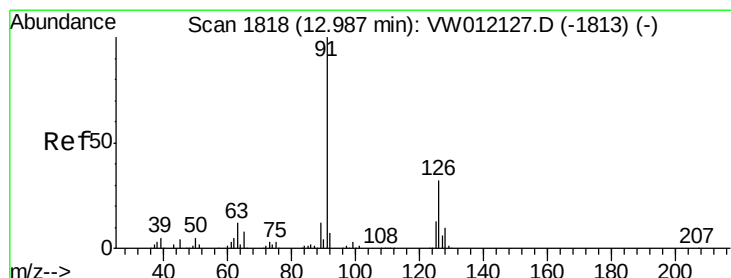
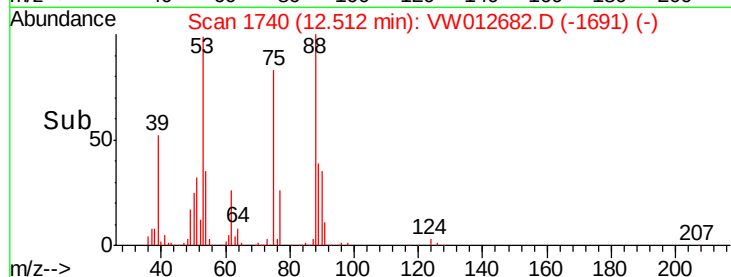
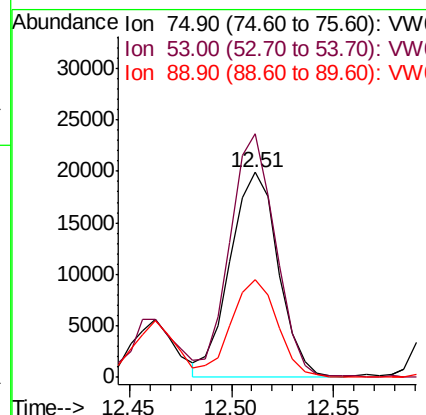
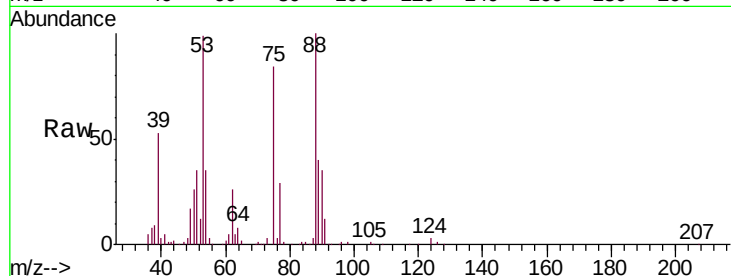
Tgt Ion: 75 Resp: 32293

Ion Ratio Lower Upper

75 100

53 113.7 89.4 134.0

89 46.5 34.5 51.7



#82

4-Chlorotoluene

Concen: 52.978 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012682.D

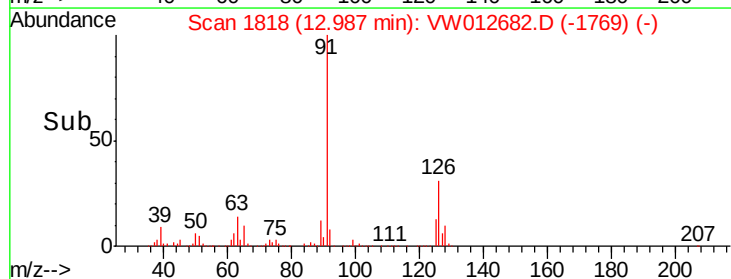
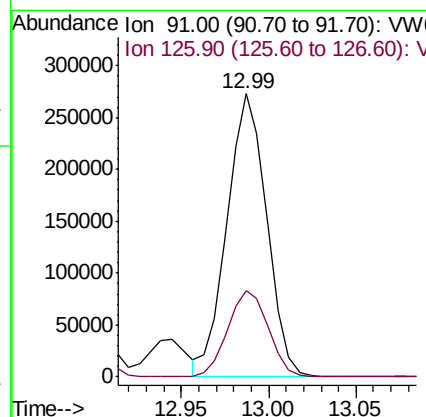
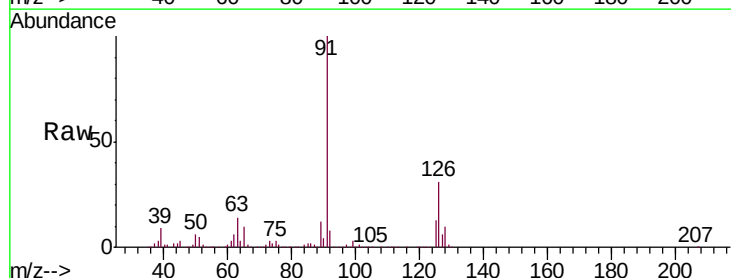
Acq: 06 Sep 2019 10:56

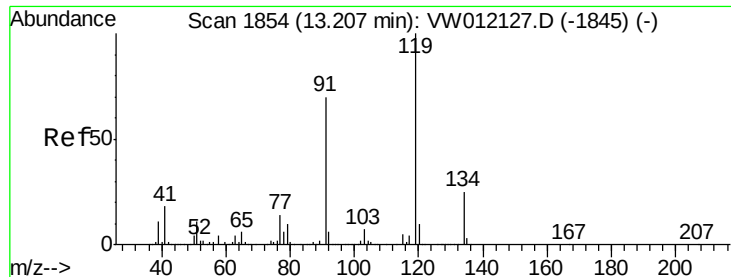
Tgt Ion: 91 Resp: 428711

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8





#83

tert-Butylbenzene

Concen: 55.823 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB

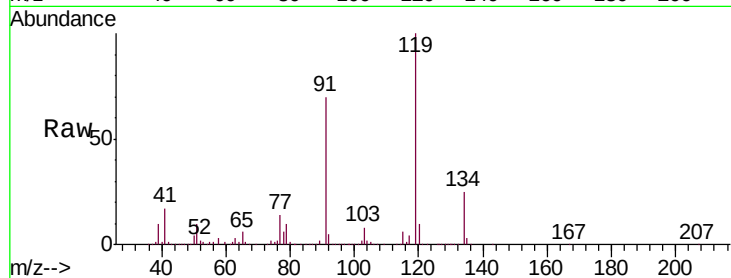
Tgt Ion:119 Resp: 440589

Ion Ratio Lower Upper

119 100

91 68.7 34.8 104.3

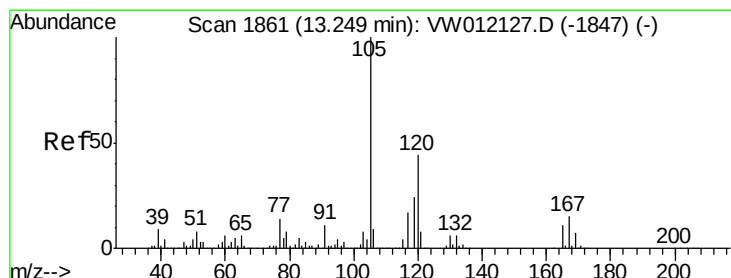
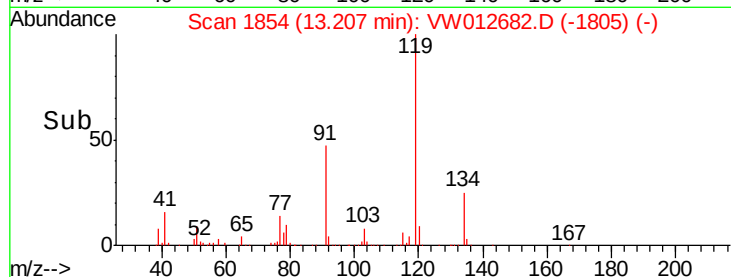
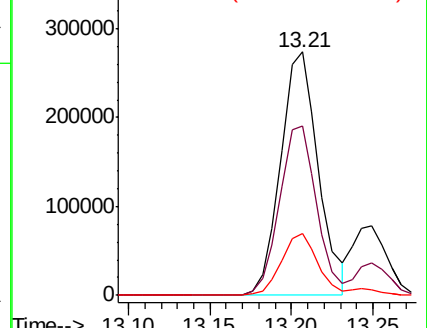
134 24.8 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.910 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012682.D

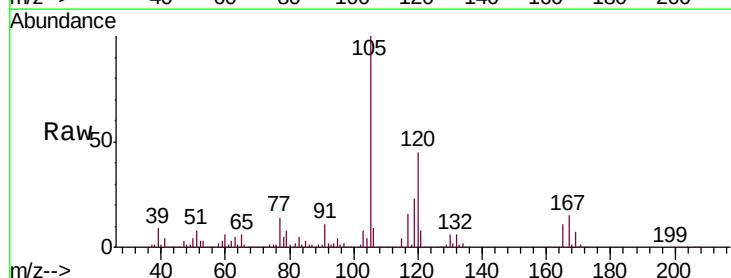
Acq: 06 Sep 2019 10:56

Tgt Ion:105 Resp: 504573

Ion Ratio Lower Upper

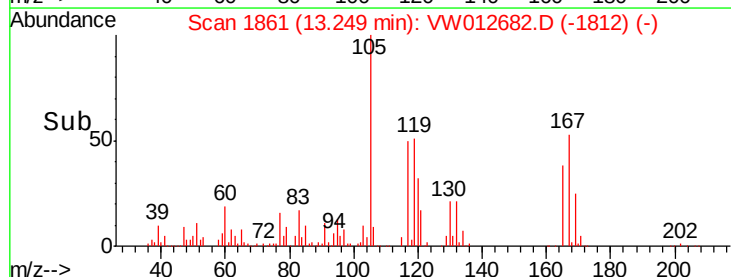
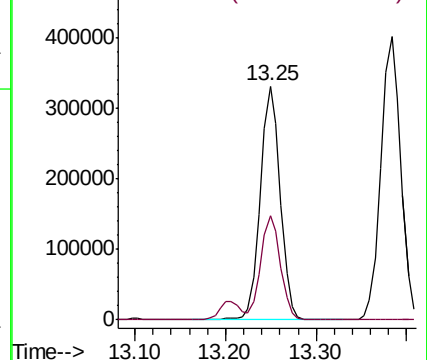
105 100

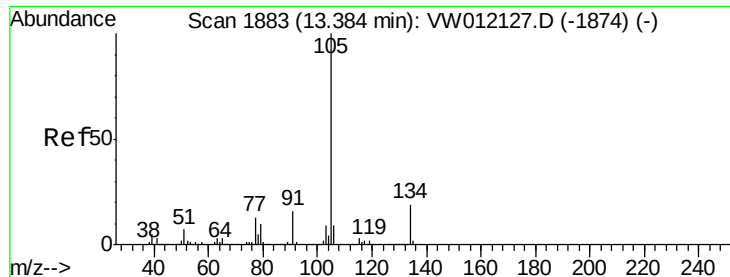
120 43.7 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

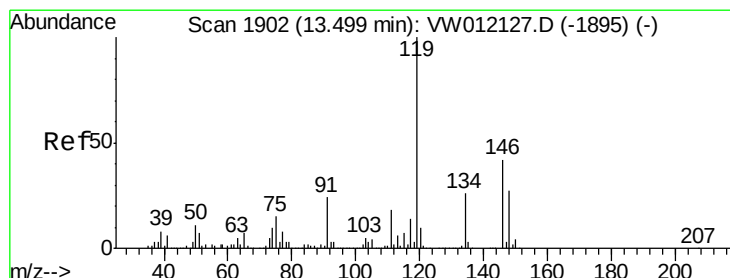
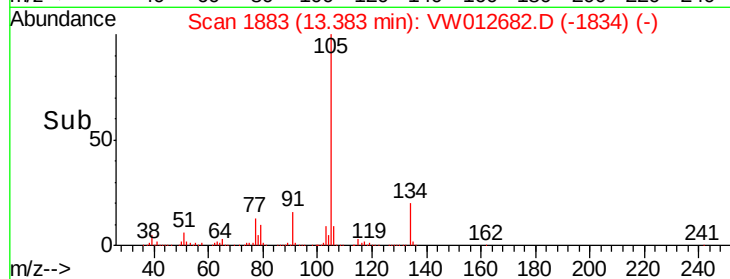
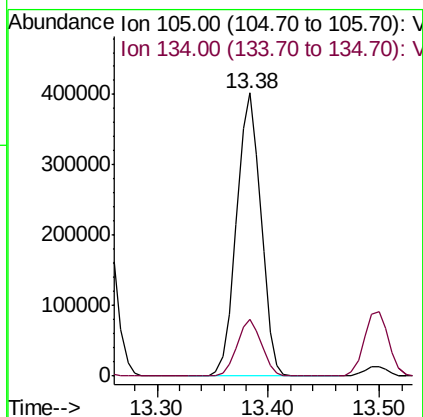
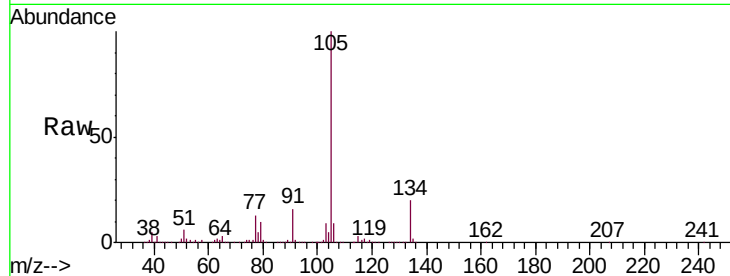




#85
 sec-Butylbenzene
 Concen: 53.891 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

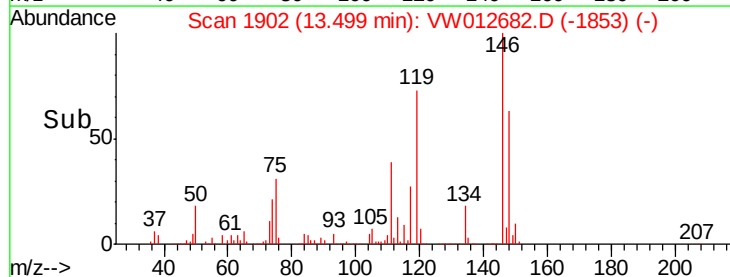
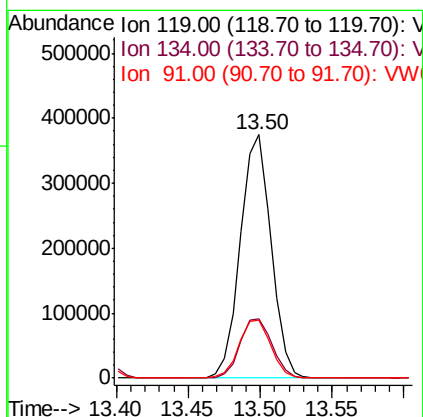
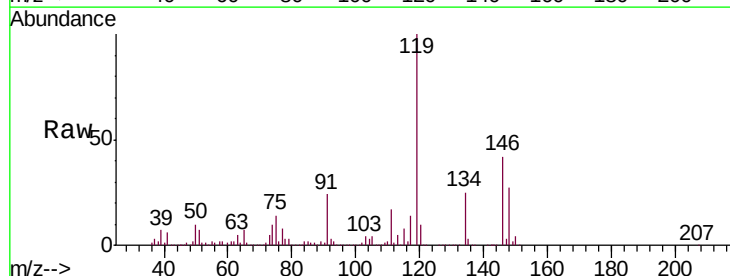
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

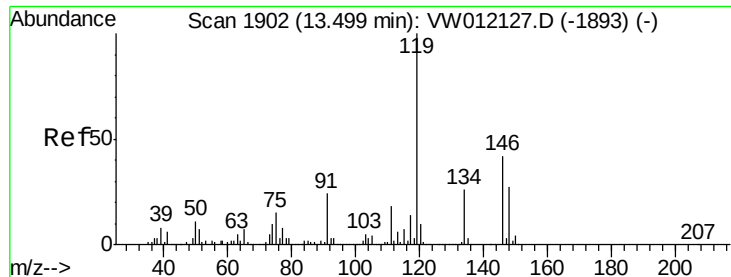
Tgt Ion:105 Resp: 609382
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 54.901 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion:119 Resp: 554412
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.7 12.3 36.9

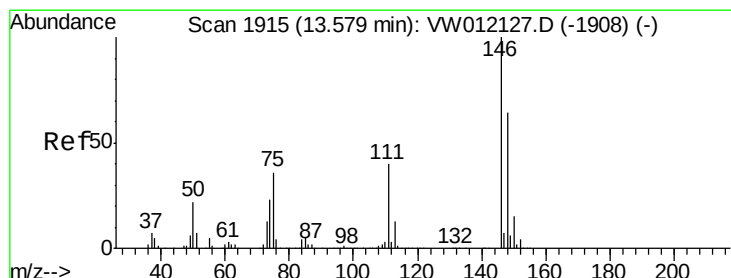
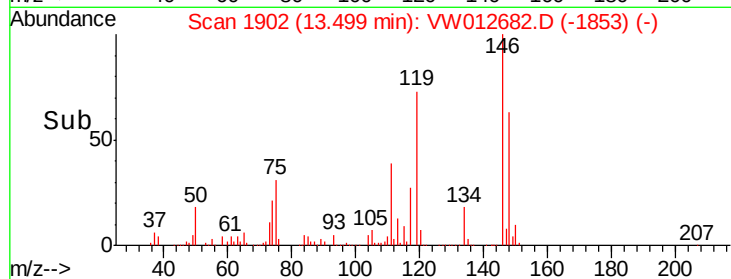
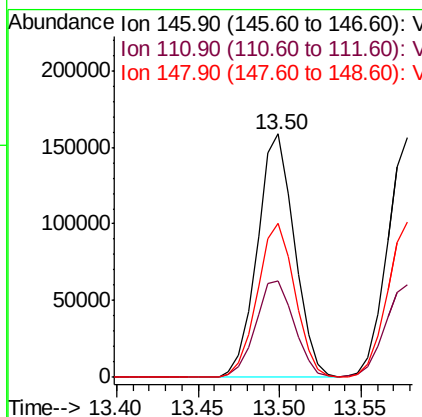
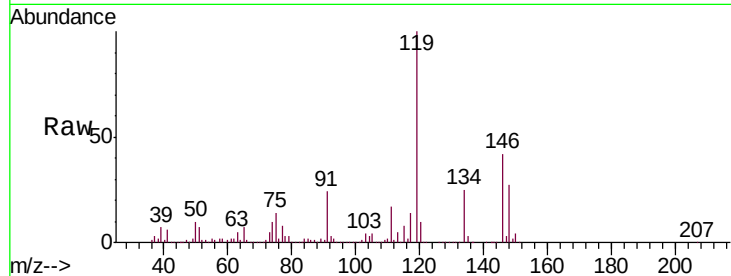




#87
 1,3-Dichlorobenzene
 Concen: 53.137 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

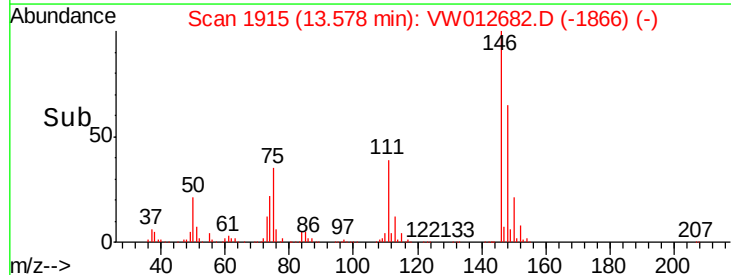
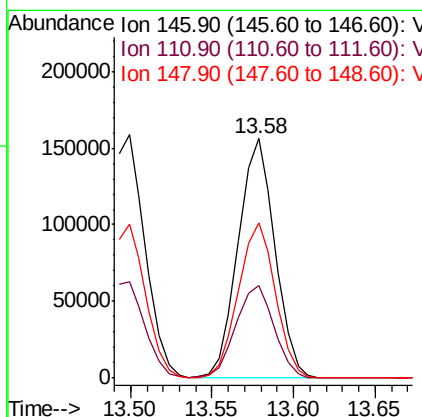
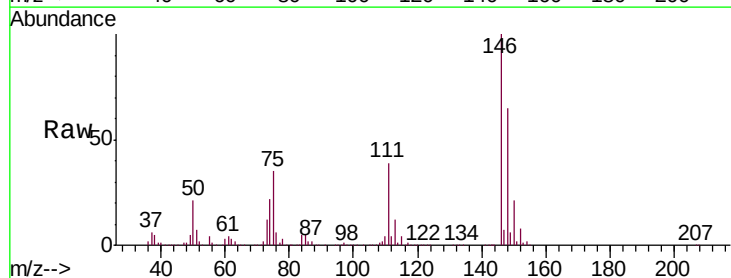
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

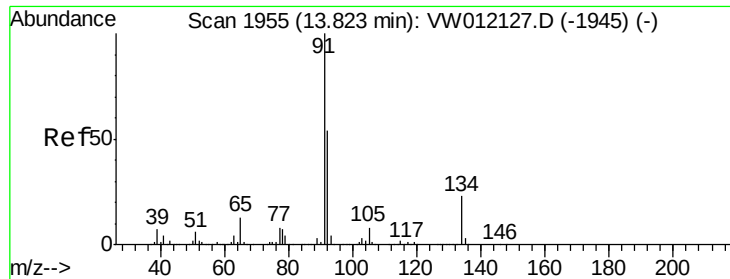
Tgt Ion:146 Resp: 250723
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.9 62.7
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 52.409 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion:146 Resp: 245538
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 65.7 32.1 96.3





#89

n-Butylbenzene

Concen: 51.395 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB

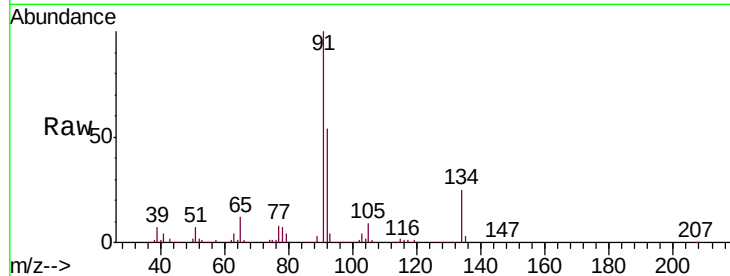
Tgt Ion: 91 Resp: 516121

Ion Ratio Lower Upper

91 100

92 54.6 27.1 81.2

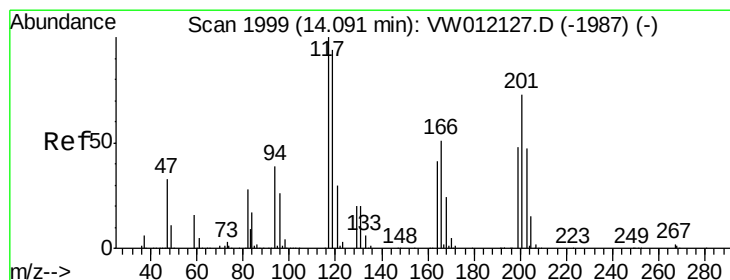
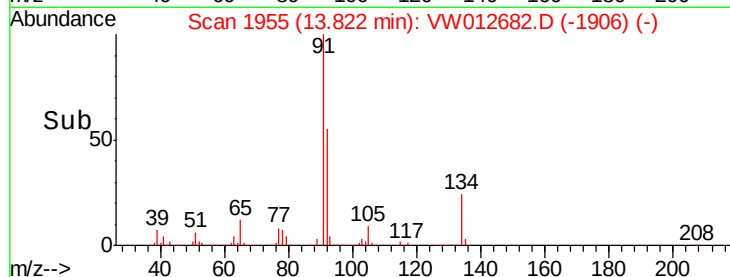
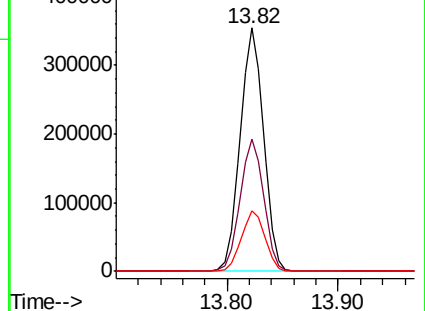
134 25.2 12.2 36.4



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): V



#90

Hexachloroethane

Concen: 52.766 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012682.D

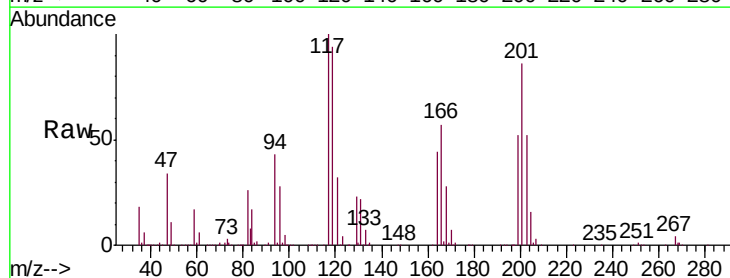
Acq: 06 Sep 2019 10:56

Tgt Ion: 117 Resp: 93486

Ion Ratio Lower Upper

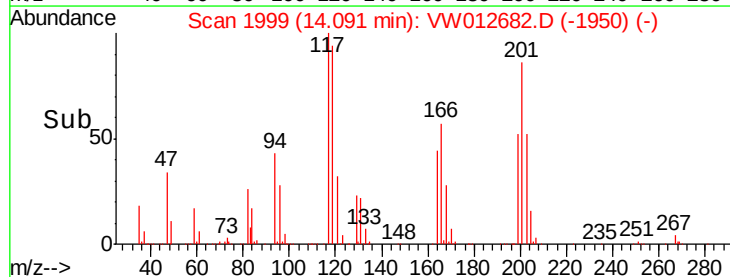
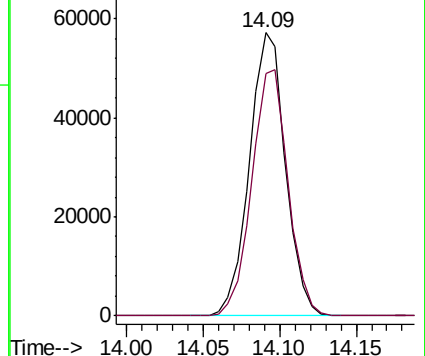
117 100

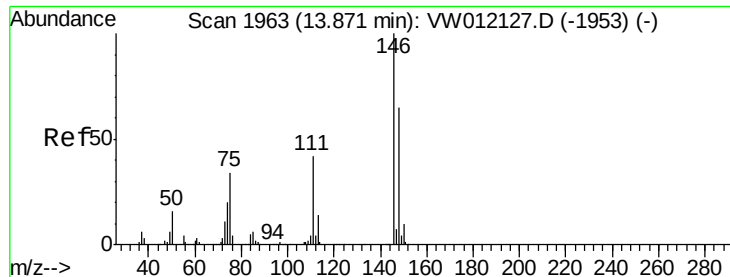
201 87.9 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

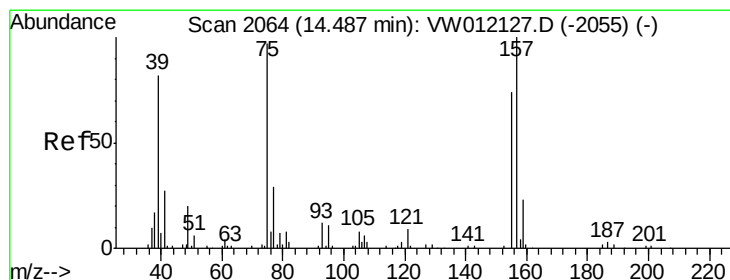
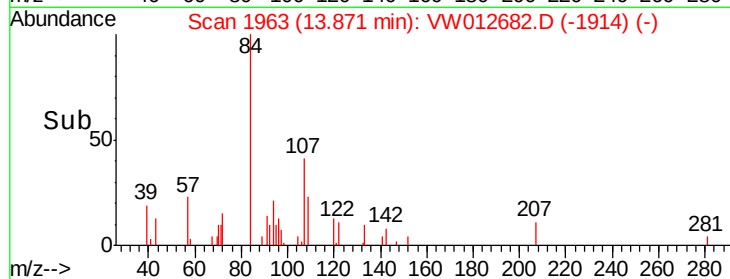
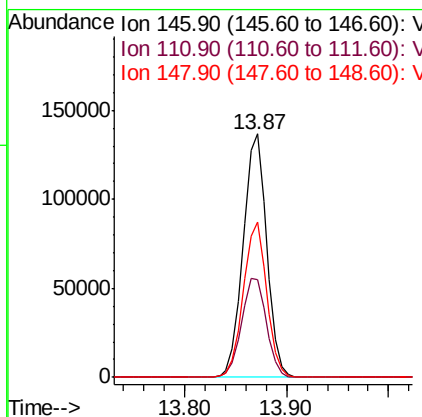
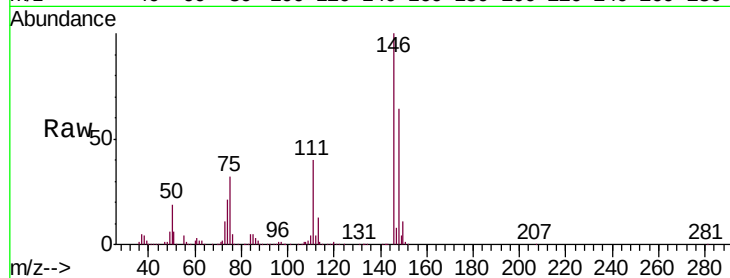




#91
 1,2-Dichlorobenzene
 Concen: 52.761 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

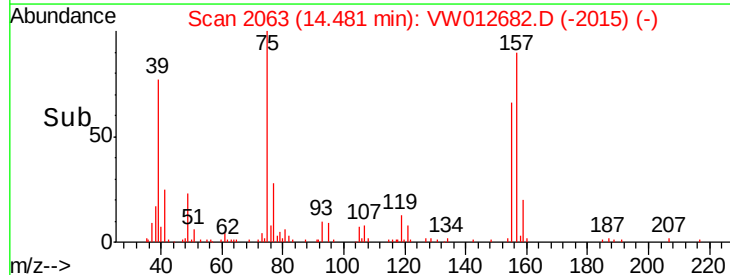
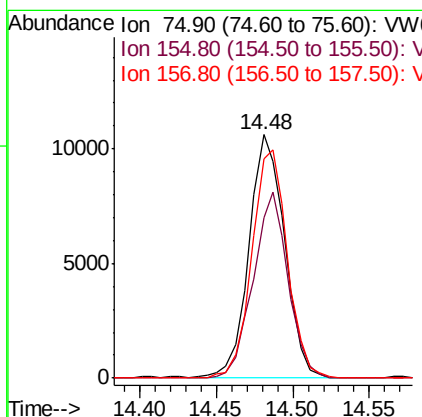
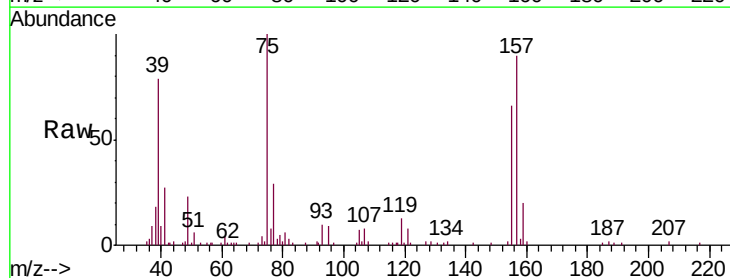
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

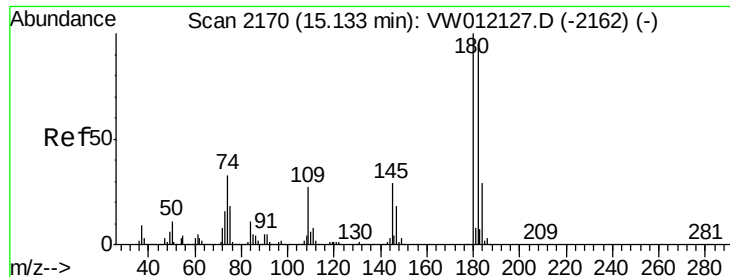
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	63.4	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.947 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.6	37.5	112.3
157	93.0	50.5	151.5

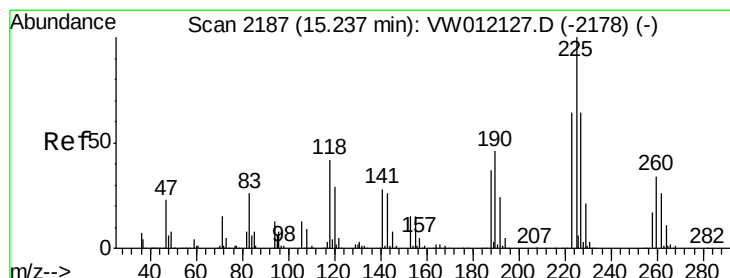
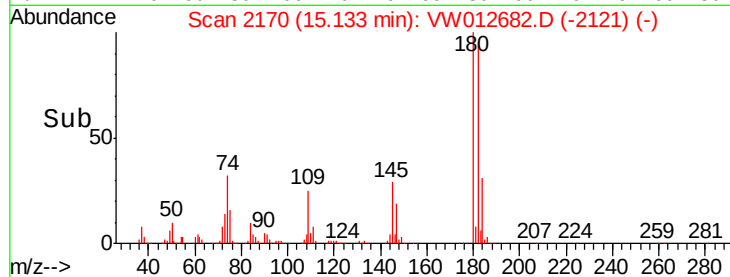
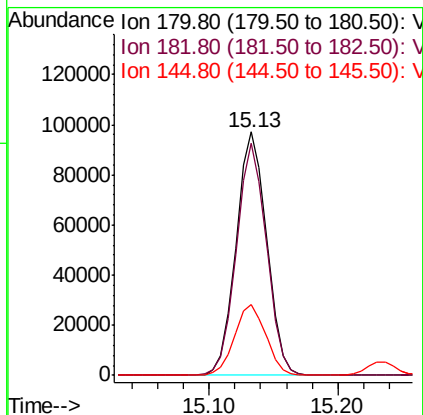
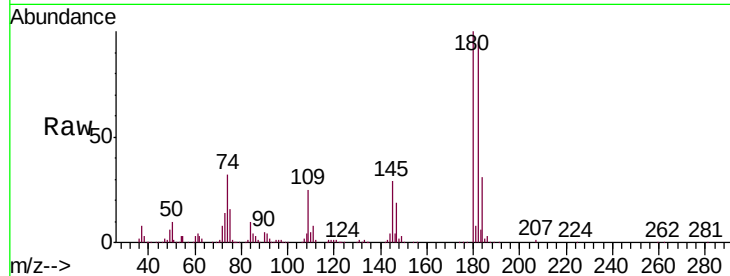




#93
 1,2,4-Trichlorobenzene
 Concen: 55.557 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

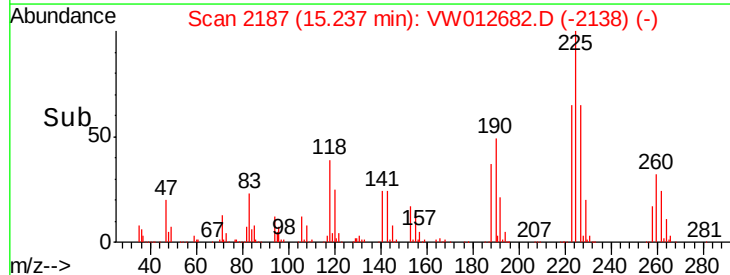
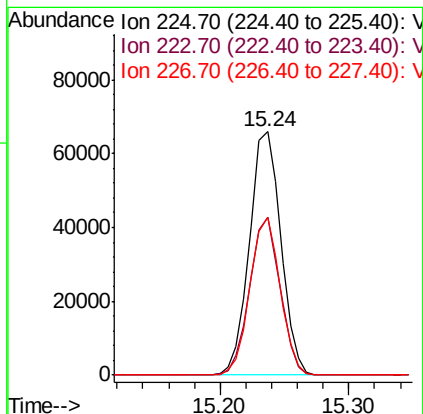
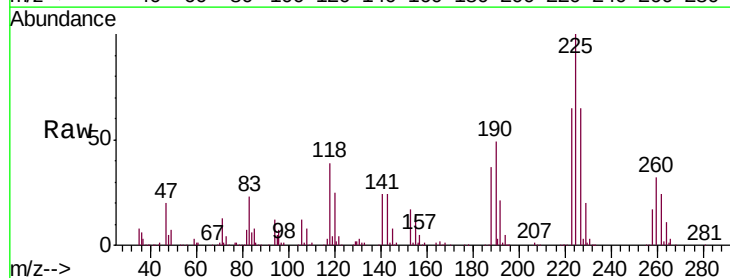
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

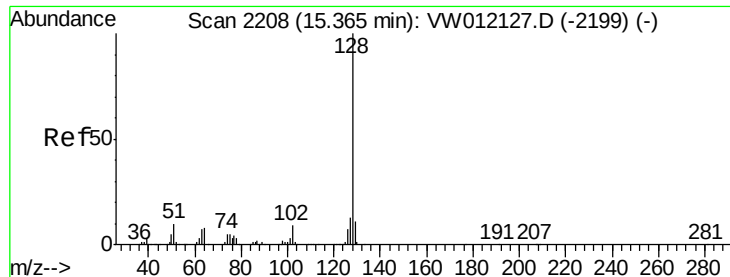
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.4
145	30.0	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 58.627 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.3	96.8
227	62.4	32.9	98.6

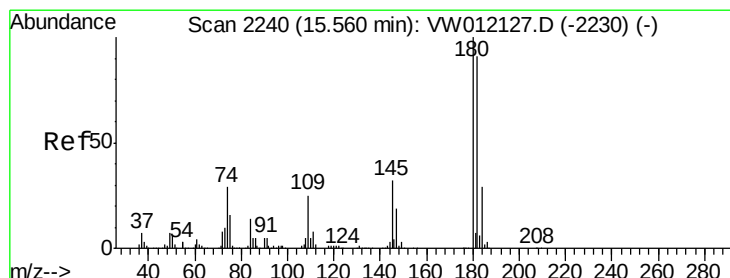
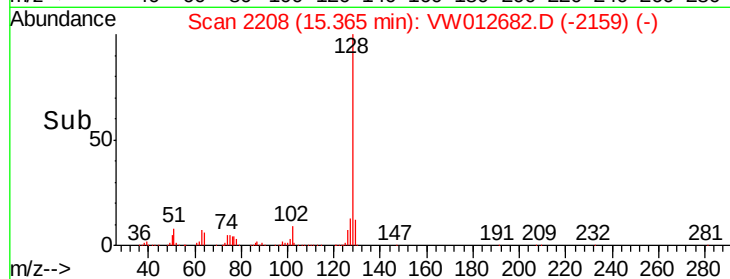
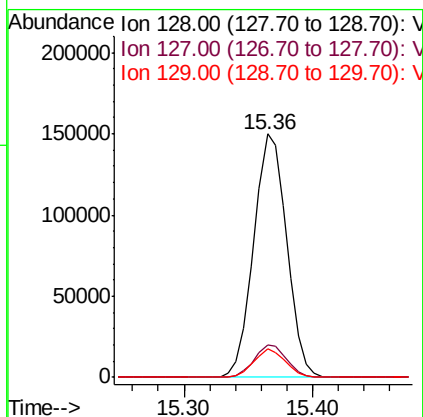
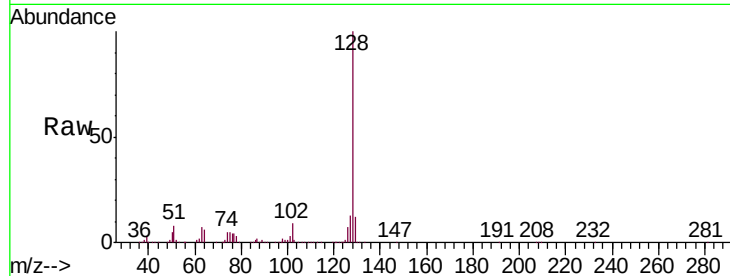




#95
Naphthalene
Concen: 47.516 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.540 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	31.9	16.2	48.5

