

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041819\
 Data File : VW010046.D
 Acq On : 18 Apr 2019 15:39
 Operator : SY/VA
 Sample : VW0418SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Quant Time: Apr 18 16:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	387858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	628720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	577738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	297823	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	264923	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	7.88	113	211263	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.32	98	831416	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
62) 4-Bromofluorobenzene	12.62	95	299790	55.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	58745	19.864	ug/l	92
3) Chloromethane	2.21	50	51851	17.532	ug/l	99
4) Vinyl Chloride	2.37	62	66692	19.400	ug/l	96
5) Bromomethane	2.77	94	45540	19.712	ug/l	91
6) Chloroethane	2.92	64	46866	20.865	ug/l	94
7) Trichlorofluoromethane	3.25	101	42788	18.002	ug/l	99
8) Diethyl Ether	3.67	74	40090	20.277	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	84408	21.105	ug/l	99
10) Methyl Iodide	4.27	142	111349	20.146	ug/l	100
11) Tert butyl alcohol	5.18	59	30941	113.488	ug/l	99
12) 1,1-Dichloroethene	4.03	96	80500	20.995	ug/l	98
13) Acrolein	3.89	56	22857	79.690	ug/l	93
14) Allyl chloride	4.66	41	124601	18.278	ug/l	99
15) Acrylonitrile	5.37	53	107906	106.053	ug/l	99
16) Acetone	4.12	43	110350	99.366	ug/l	100
17) Carbon Disulfide	4.37	76	203397	18.476	ug/l	99
18) Methyl Acetate	4.66	43	54927	21.370	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	108072	21.700	ug/l	100
20) Methylene Chloride	4.90	84	106369	22.243	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	83936	20.215	ug/l	97
22) Diisopropyl ether	6.31	45	298644	21.598	ug/l	97
23) Vinyl Acetate	6.25	43	965542	110.923	ug/l	100
24) 1,1-Dichloroethane	6.21	63	171420	20.738	ug/l	99
25) 2-Butanone	7.17	43	166177	113.912	ug/l	99
26) 2,2-Dichloropropane	7.16	77	91419	19.990	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	93029	20.372	ug/l	99
28) Bromochloromethane	7.51	49	76258	22.574	ug/l	96
29) Tetrahydrofuran	7.53	42	107010	115.767	ug/l	98
30) Chloroform	7.67	83	172840	20.867	ug/l	99
31) Cyclohexane	7.95	56	158542	20.482	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	132674	20.404	ug/l	99
36) 1,1-Dichloropropene	8.08	75	134062	20.875	ug/l	99
37) Ethyl Acetate	7.25	43	78724	24.123	ug/l	99
38) Carbon Tetrachloride	8.06	117	128574	20.513	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	146390	19.481	ug/l	98
40) Benzene	8.32	78	370264	21.085	ug/l	99
41) Methacrylonitrile	7.48	41	42933	23.083	ug/l	97
42) 1,2-Dichloroethane	8.40	62	127862	21.188	ug/l	100
43) Isopropyl Acetate	8.42	43	135999	22.239	ug/l	99
44) Trichloroethene	9.09	130	91462	20.507	ug/l	99
45) 1,2-Dichloropropane	9.37	63	96663	20.942	ug/l	94
46) Dibromomethane	9.46	93	51714	21.617	ug/l	97
47) Bromodichloromethane	9.64	83	127427	20.634	ug/l	98
48) Methyl methacrylate	9.43	41	66935	22.486	ug/l	99
49) 1,4-Dioxane	9.45	88	16363	447.639	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	378193	118.077	ug/l	99
52) Toluene	10.38	92	229643	20.994	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	125190	20.447	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	144342	20.646	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	74699	22.372	ug/l	95
56) Ethyl methacrylate	10.65	69	88419	20.704	ug/l	97
57) 1,3-Dichloropropane	10.93	76	127619	21.324	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	256582	128.600	ug/l	99
59) 2-Hexanone	10.97	43	259464	116.373	ug/l	99
60) Dibromochloromethane	11.13	129	80824	20.943	ug/l	98
61) 1,2-Dibromoethane	11.23	107	67320	21.194	ug/l	96
64) Tetrachloroethene	10.86	164	77230	20.592	ug/l	96
65) Chlorobenzene	11.66	112	246020	20.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	89209	21.096	ug/l	99
67) Ethyl Benzene	11.73	91	439931	20.852	ug/l	98
68) m/p-Xylenes	11.84	106	335097	42.491	ug/l	100
69) o-Xylene	12.16	106	152954	21.301	ug/l	99
70) Styrene	12.18	104	260881	21.071	ug/l	99
71) Bromoform	12.35	173	47280	21.145	ug/l #	98
73) Isopropylbenzene	12.46	105	428833	20.689	ug/l	100
74) N-amyl acetate	12.27	43	126414	22.023	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	89522	21.860	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	119812	40.195	ug/l #	100
77) Bromobenzene	12.75	156	98644	20.693	ug/l	99
78) n-propylbenzene	12.80	91	548033	21.333	ug/l	100
79) 2-Chlorotoluene	12.90	91	310732	21.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	366506	20.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	26189	20.717	ug/l	94
82) 4-Chlorotoluene	12.99	91	327009	21.030	ug/l	99
83) tert-Butylbenzene	13.21	119	302865	20.810	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	379355	21.290	ug/l	100
85) sec-Butylbenzene	13.38	105	467034	21.474	ug/l	99
86) p-Isopropyltoluene	13.50	119	401368	20.937	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	202239	20.987	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	202793	21.083	ug/l	99
89) n-Butylbenzene	13.83	91	399000	21.009	ug/l	100
90) Hexachloroethane	14.10	117	75467	20.554	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	183375	21.223	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16007	21.842	ug/l	98

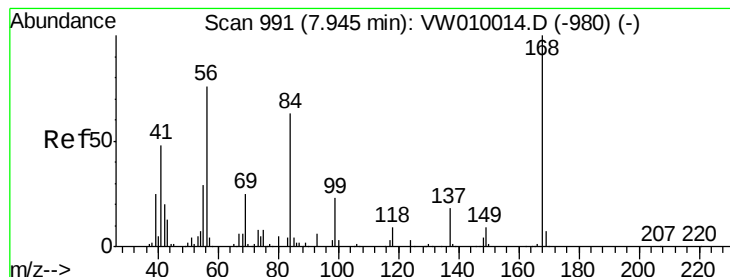
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041819\
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Quant Title : SW846 8260
QLast Update : Thu Apr 18 02:23:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	117869	20.678	ug/l	100
94) Hexachlorobutadiene	15.24	225	69482	20.073	ug/l	97
95) Naphthalene	15.37	128	221169	21.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	105381	21.308	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

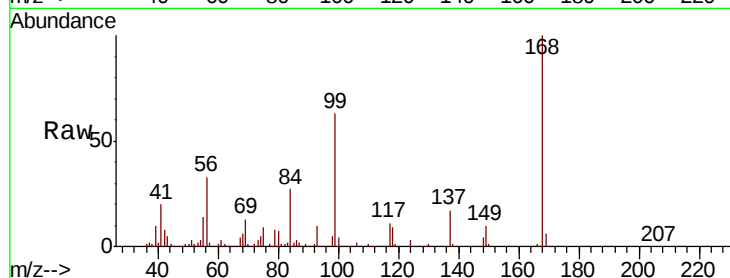
VW0418SBS01

Tgt Ion:168 Resp: 387858

Ion Ratio Lower Upper

168 100

99 63.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

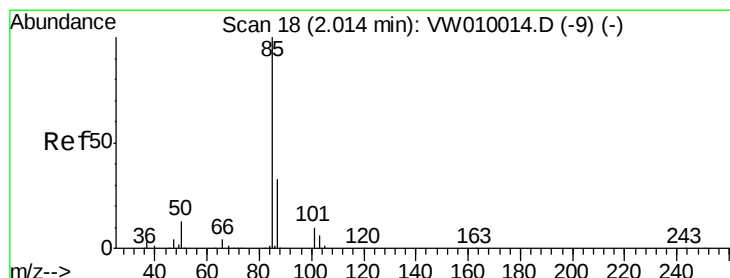
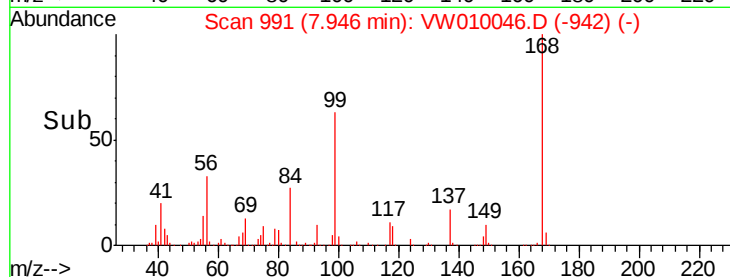
100000

50000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.864 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010046.D

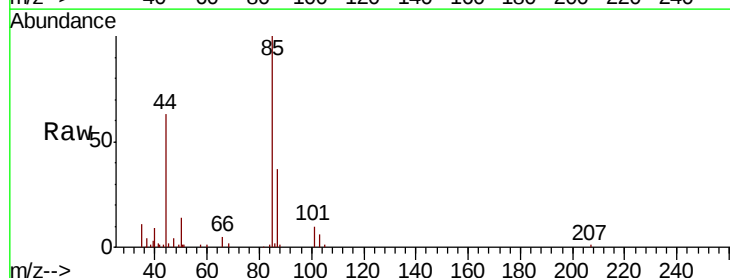
Acq: 18 Apr 2019 15:39

Tgt Ion: 85 Resp: 58745

Ion Ratio Lower Upper

85 100

87 36.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

15000

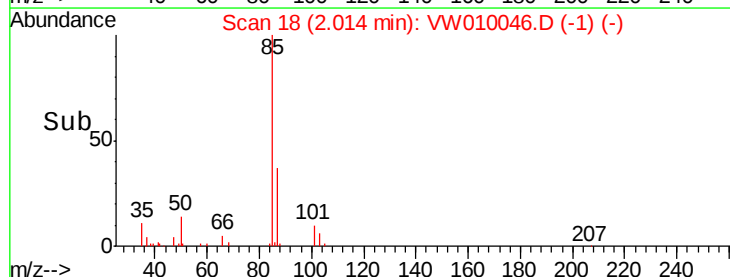
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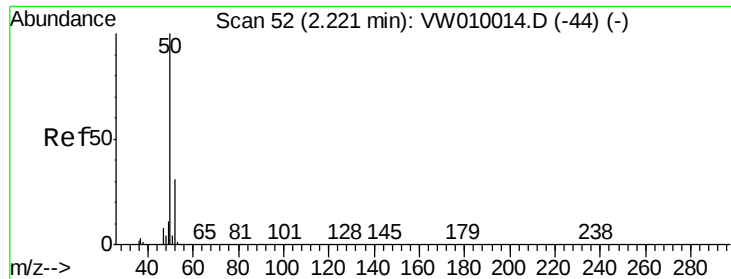
5000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 17.532 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

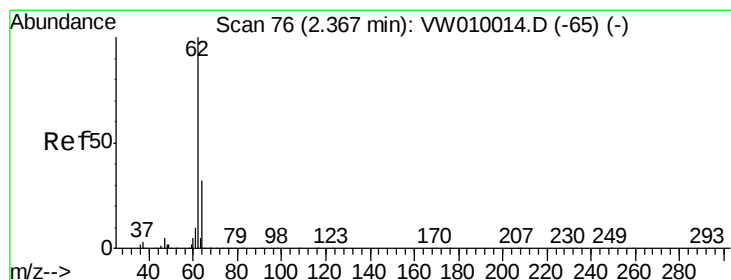
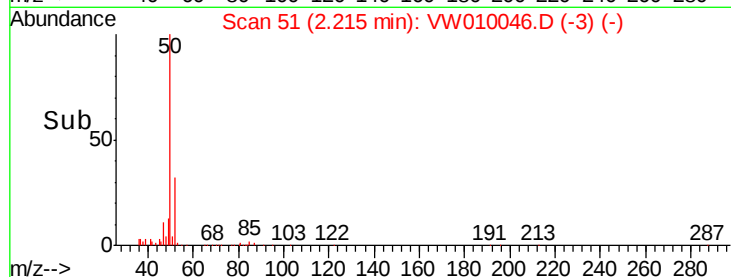
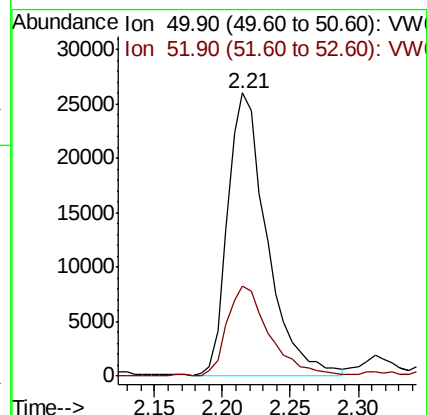
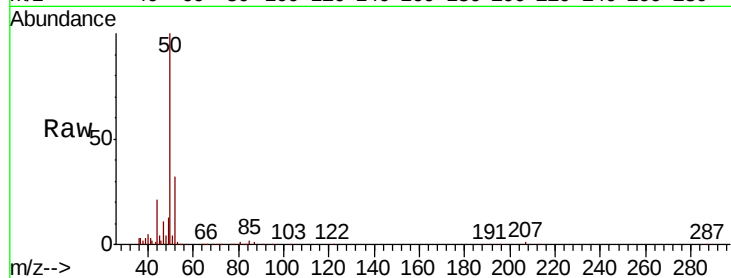
VW0418SBS01

Tgt Ion: 50 Resp: 51851

Ion Ratio Lower Upper

50 100

52 31.8 25.0 37.6



#4

Vinyl Chloride

Concen: 19.400 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010046.D

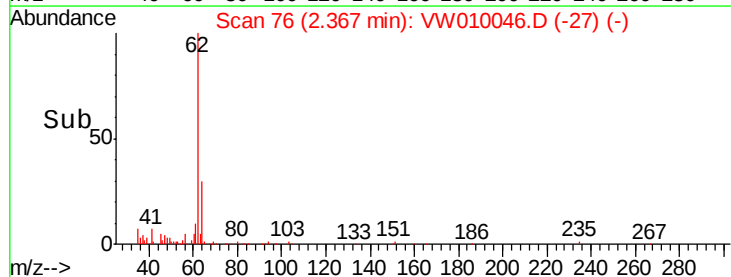
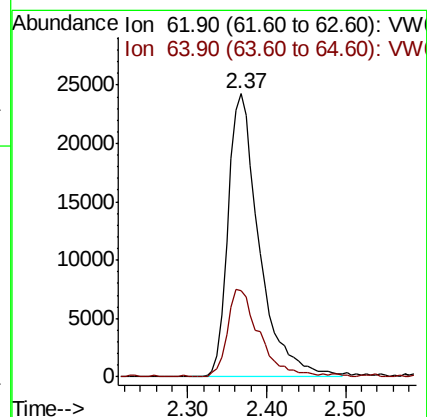
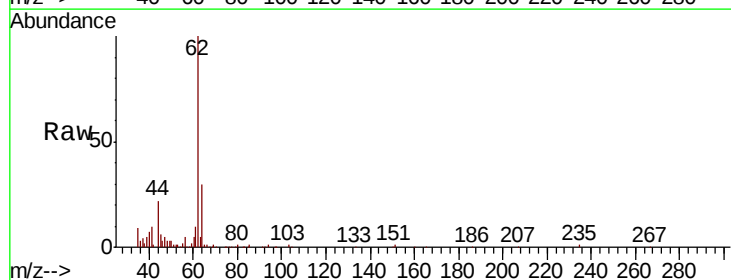
Acq: 18 Apr 2019 15:39

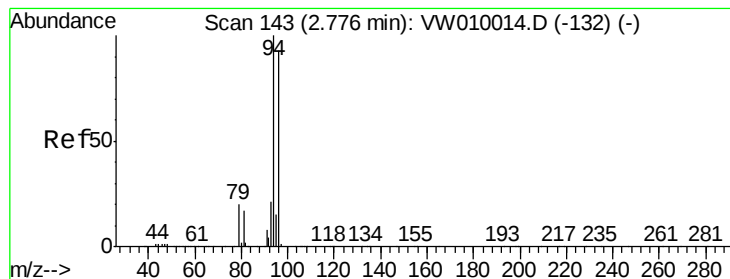
Tgt Ion: 62 Resp: 66692

Ion Ratio Lower Upper

62 100

64 30.3 25.9 38.9





#5

Bromomethane

Concen: 19.712 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

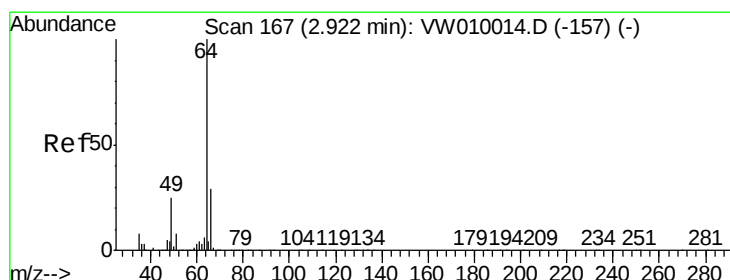
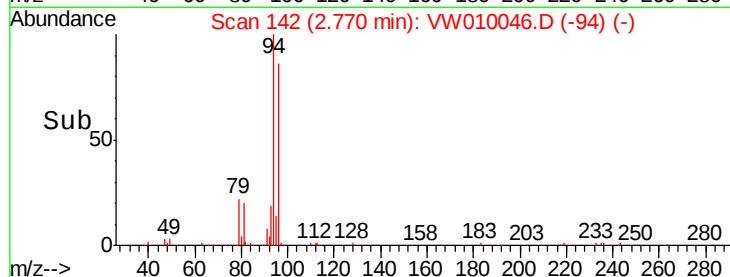
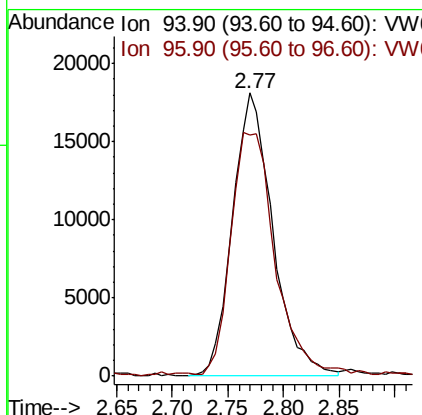
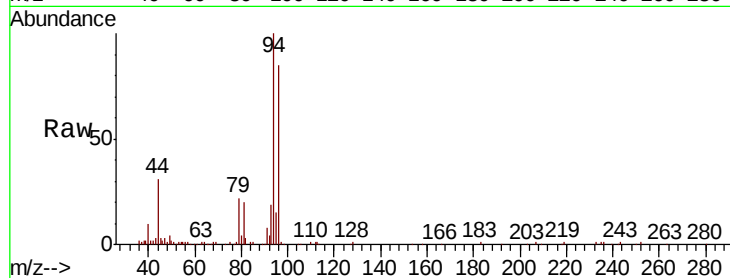
VW0418SBS01

Tgt Ion: 94 Resp: 45540

Ion Ratio Lower Upper

94 100

96 84.4 74.2 111.2



#6

Chloroethane

Concen: 20.865 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW010046.D

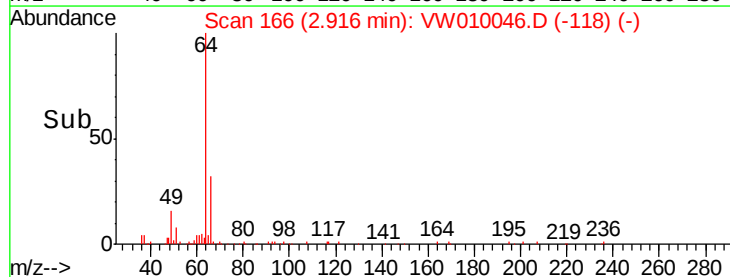
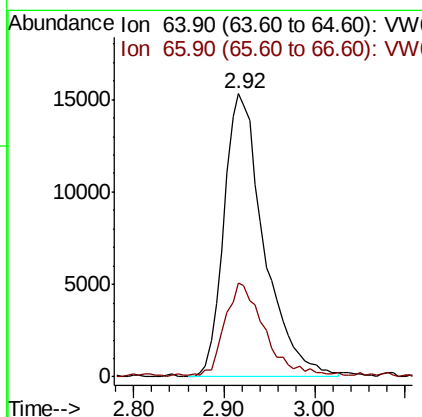
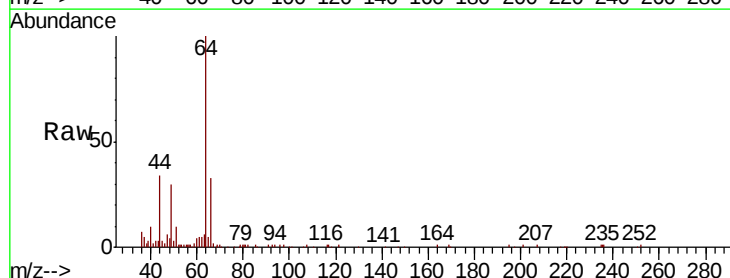
Acq: 18 Apr 2019 15:39

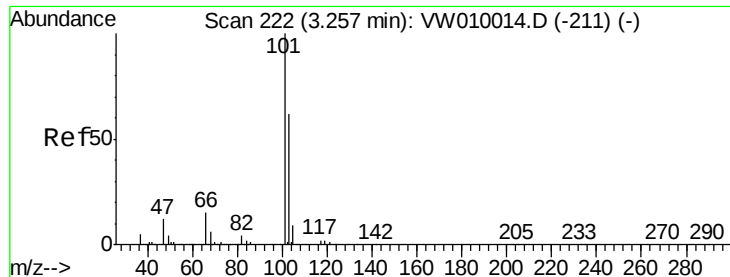
Tgt Ion: 64 Resp: 46866

Ion Ratio Lower Upper

64 100

66 32.6 23.4 35.0



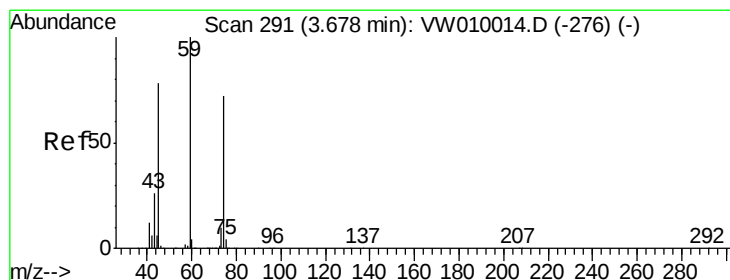
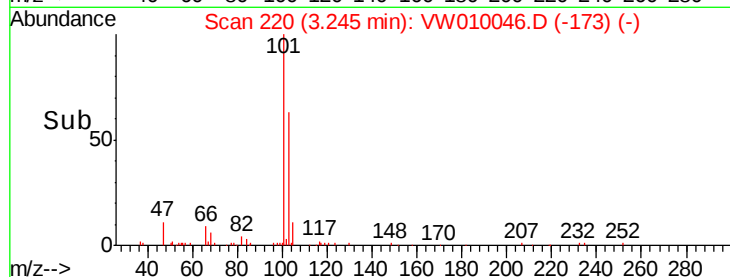
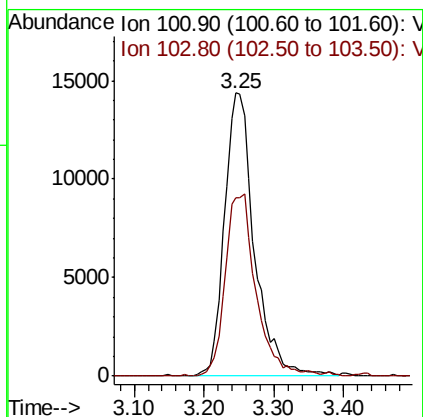
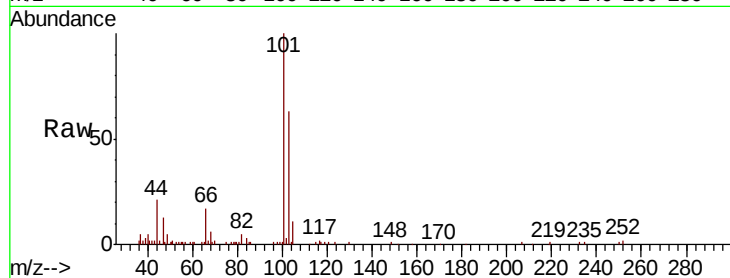


#7

Trichlorofluoromethane
 Concen: 18.002 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

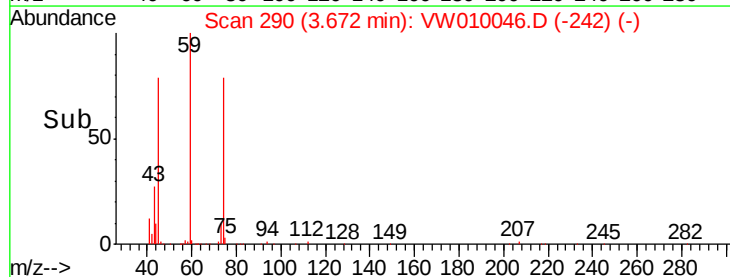
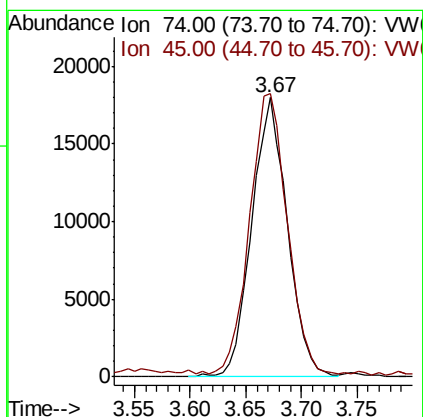
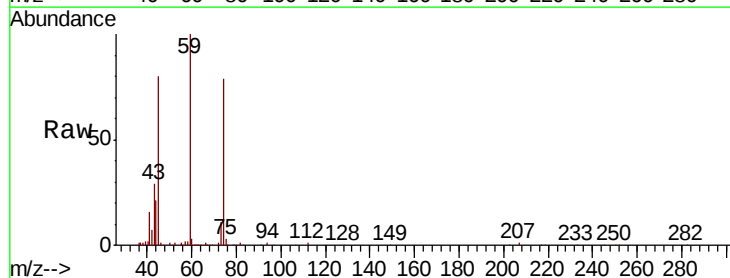
Tgt Ion:101 Resp: 42788
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.8 74.6

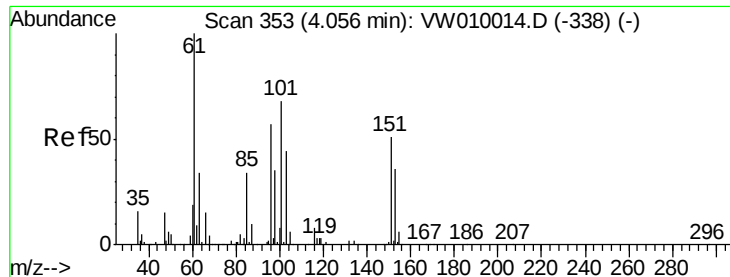


#8

Diethyl Ether
 Concen: 20.277 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion: 74 Resp: 40090
 Ion Ratio Lower Upper
 74 100
 45 105.9 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.105 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

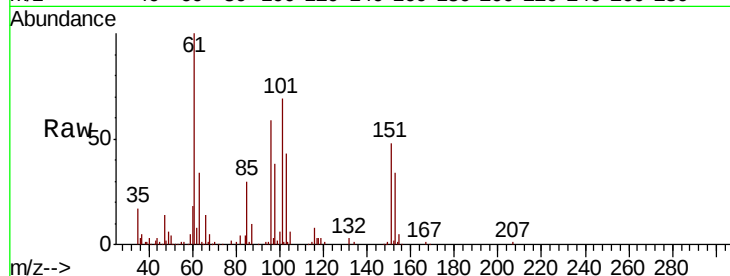
Tgt Ion:101 Resp: 84408

Ion Ratio Lower Upper

101 100

85 46.4 36.3 54.5

151 74.1 60.2 90.2

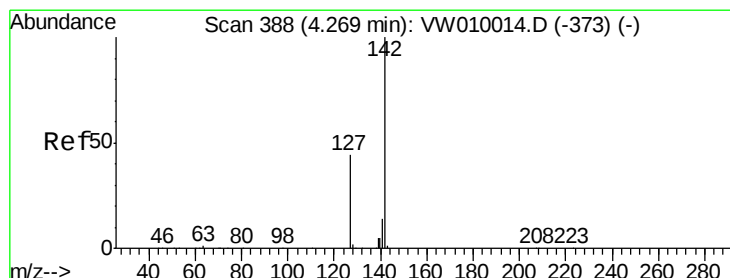
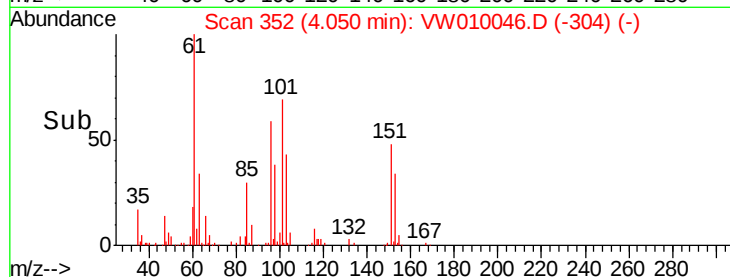
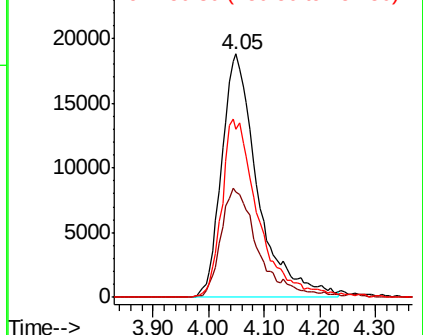


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.146 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

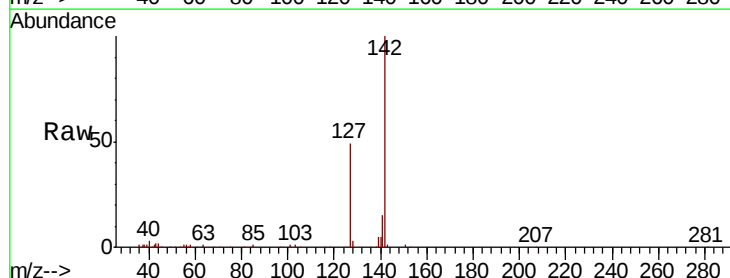
Tgt Ion:142 Resp: 111349

Ion Ratio Lower Upper

142 100

127 47.3 38.1 57.1

141 15.3 12.2 18.2

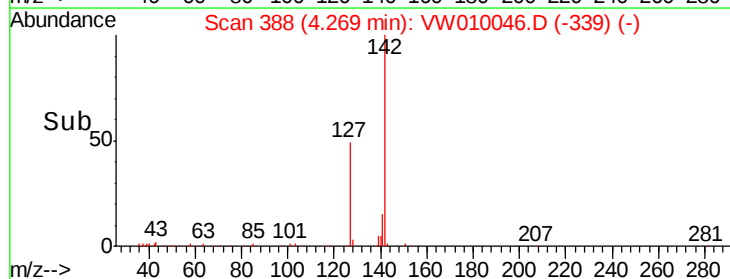
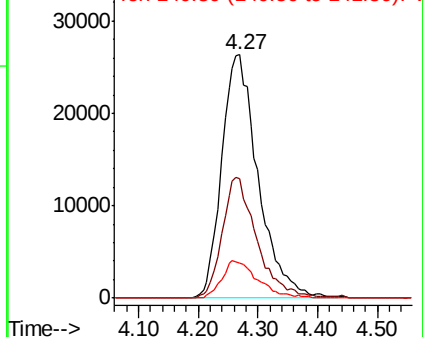


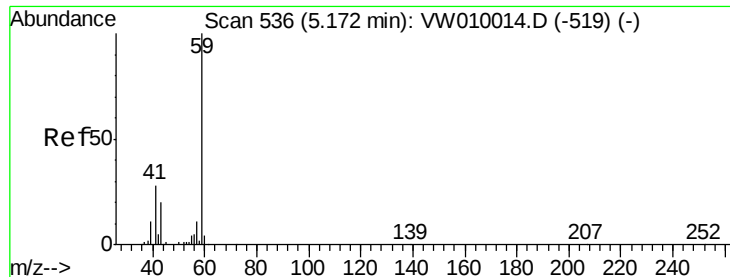
Abundance

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

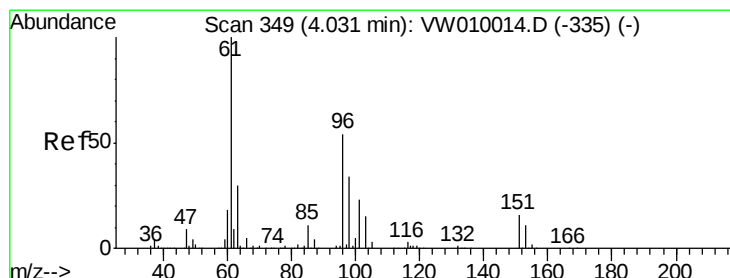
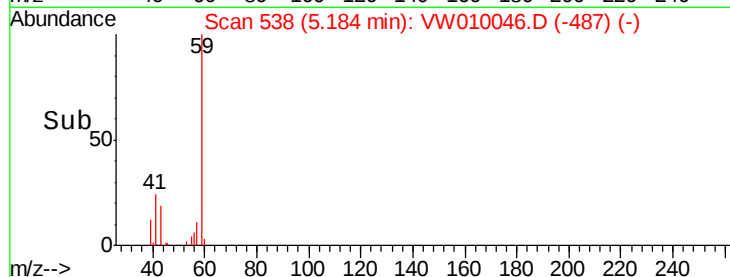
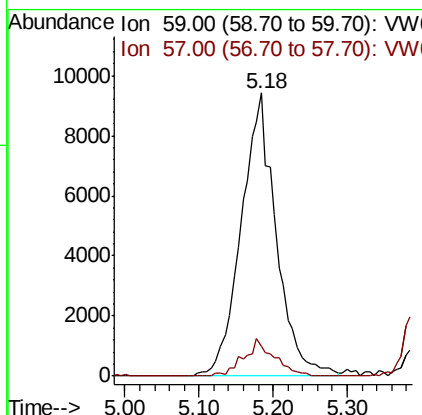
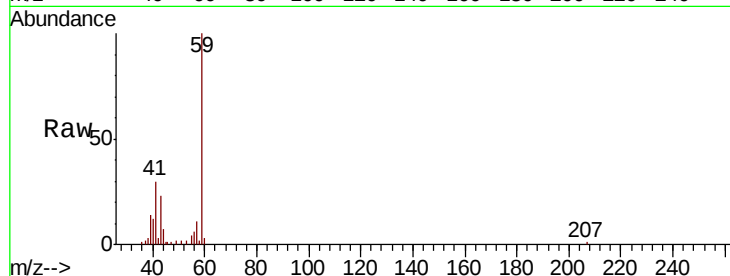




#11
 Tert butyl alcohol
 Concen: 113.488 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

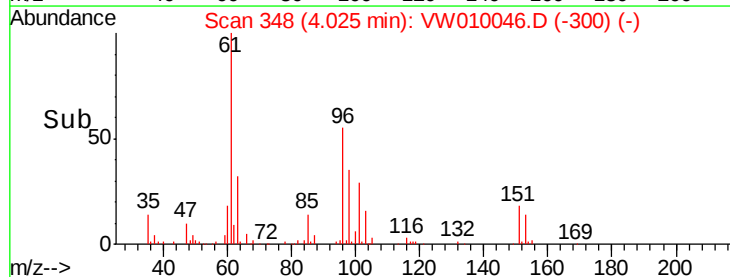
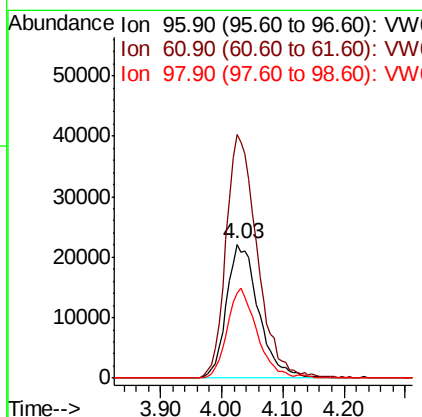
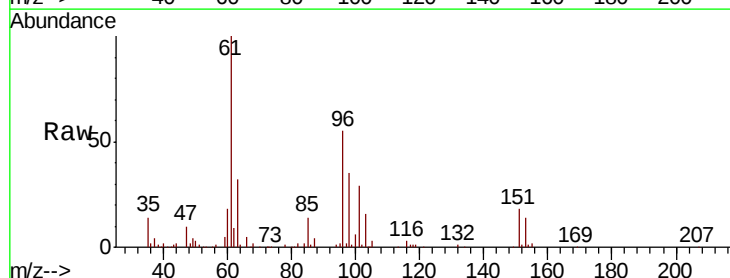
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

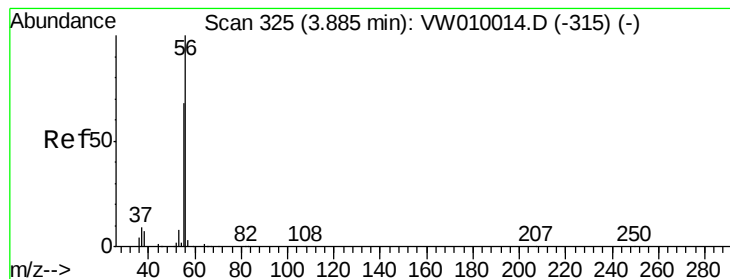
Tgt Ion: 59 Resp: 30941
 Ion Ratio Lower Upper
 59 100
 57 11.4 9.0 13.4



#12
 1,1-Dichloroethene
 Concen: 20.995 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion: 96 Resp: 80500
 Ion Ratio Lower Upper
 96 100
 61 182.4 147.4 221.2
 98 63.8 49.7 74.5





#13

Acrolein

Concen: 79.690 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

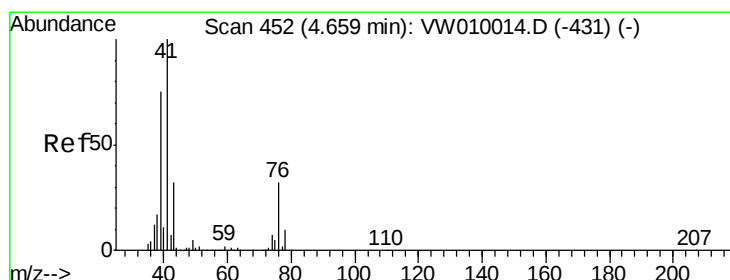
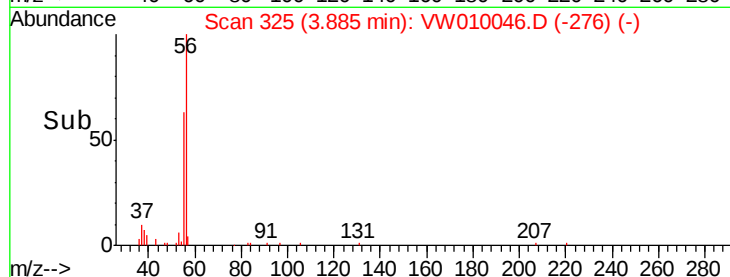
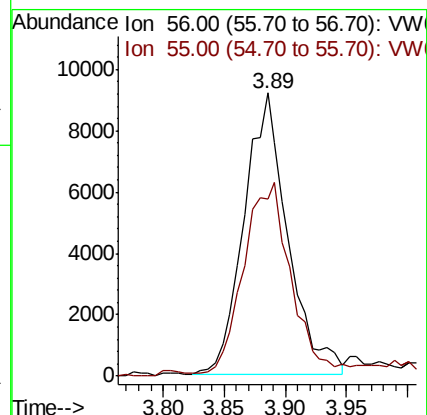
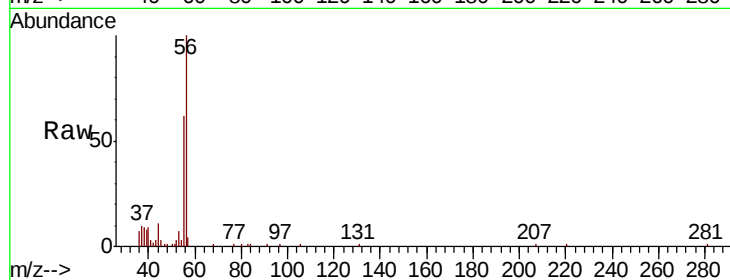
VW0418SBS01

Tgt Ion: 56 Resp: 22857

Ion Ratio Lower Upper

56 100

55 73.2 54.2 81.2



#14

Allyl chloride

Concen: 18.278 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

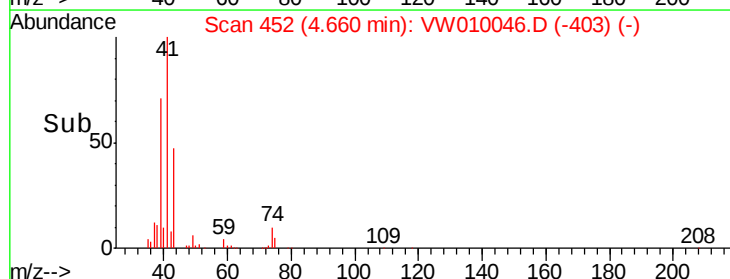
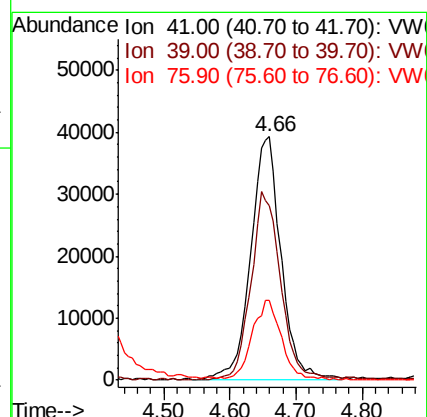
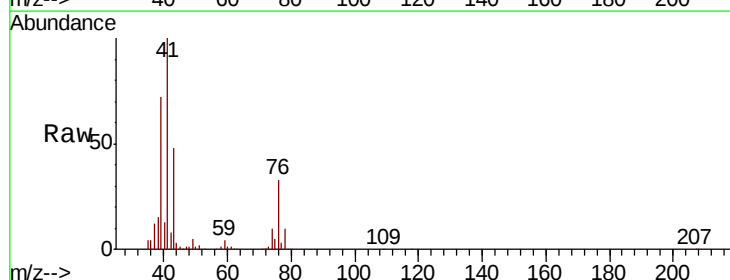
Tgt Ion: 41 Resp: 124601

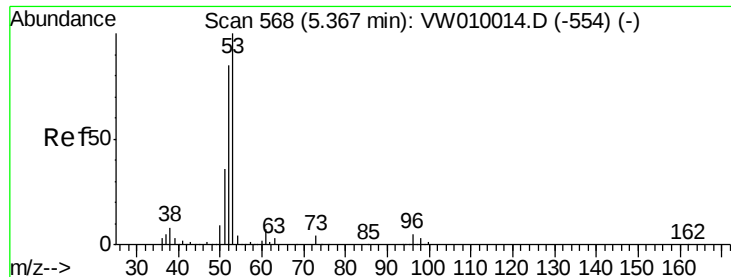
Ion Ratio Lower Upper

41 100

39 76.9 60.2 90.4

76 31.2 25.0 37.6





#15

Acrylonitrile

Concen: 106.053 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

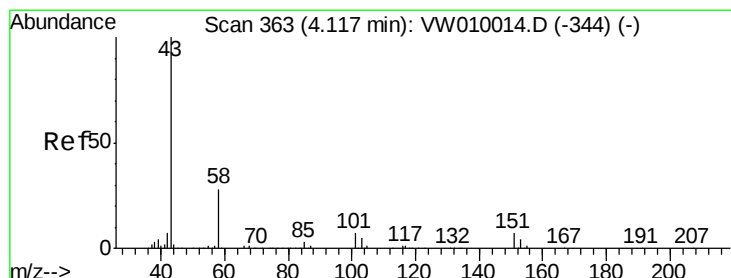
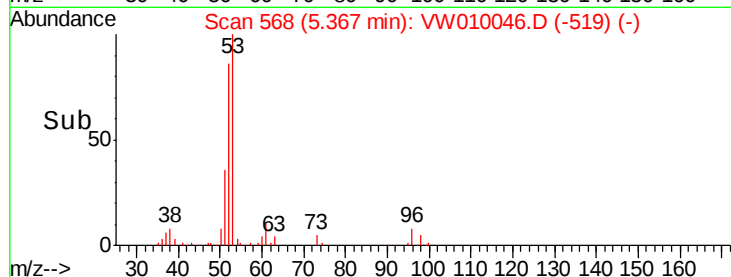
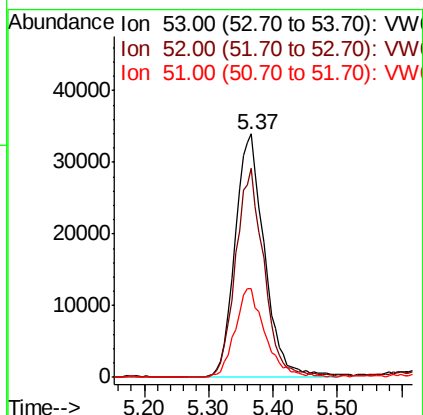
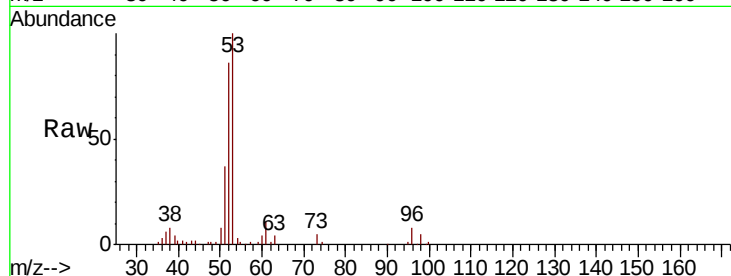
Tgt Ion: 53 Resp: 107906

Ion Ratio Lower Upper

53 100

52 82.8 66.6 100.0

51 37.0 30.3 45.5



#16

Acetone

Concen: 99.366 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010046.D

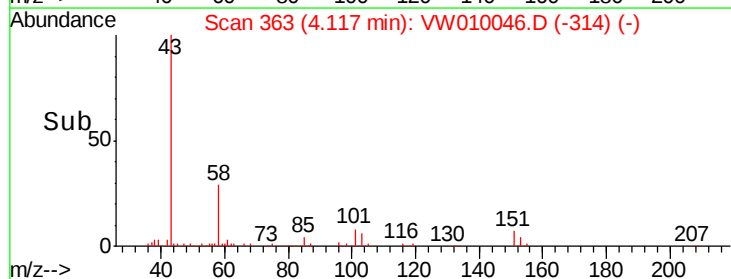
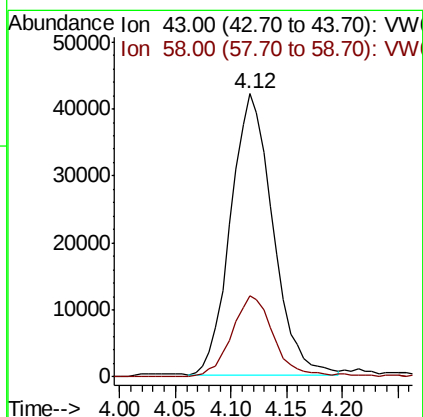
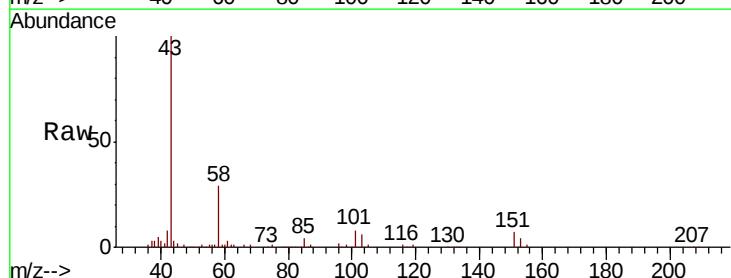
Acq: 18 Apr 2019 15:39

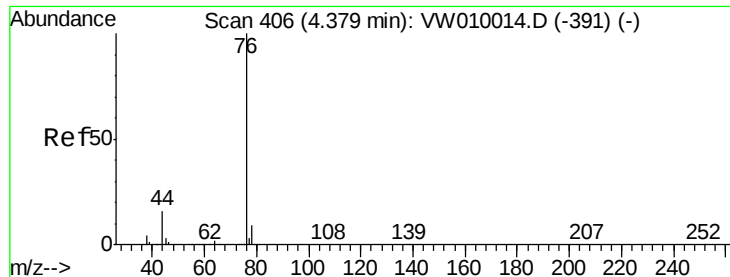
Tgt Ion: 43 Resp: 110350

Ion Ratio Lower Upper

43 100

58 28.4 22.7 34.1

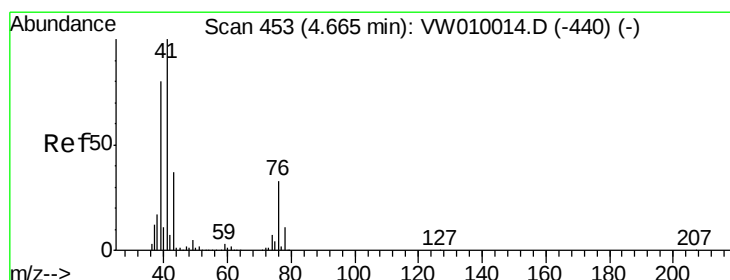
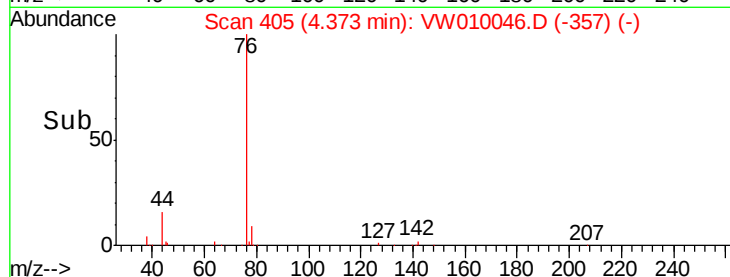
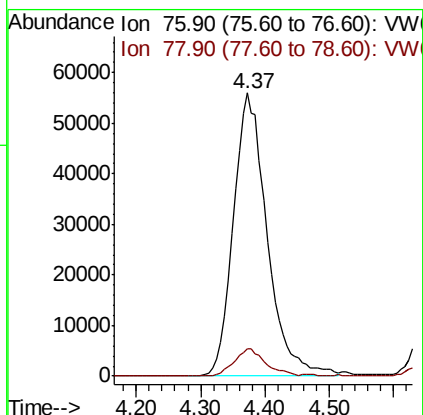
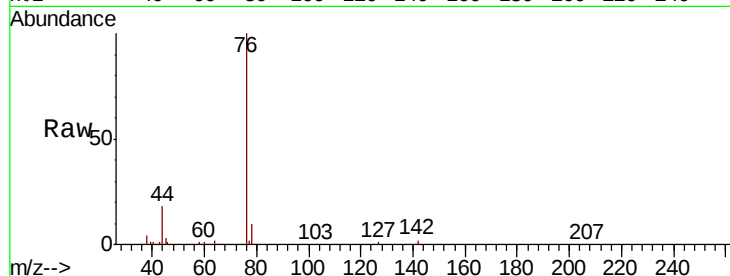




#17
Carbon Disulfide
Concen: 18.476 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

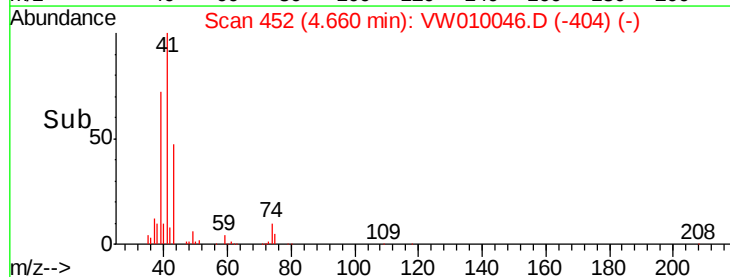
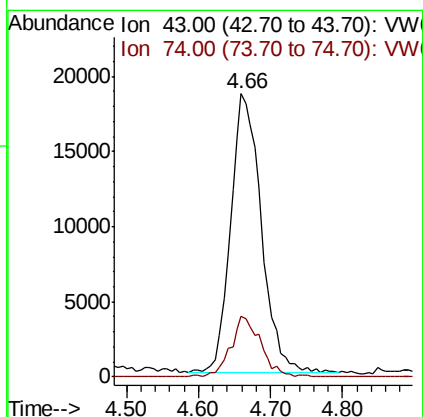
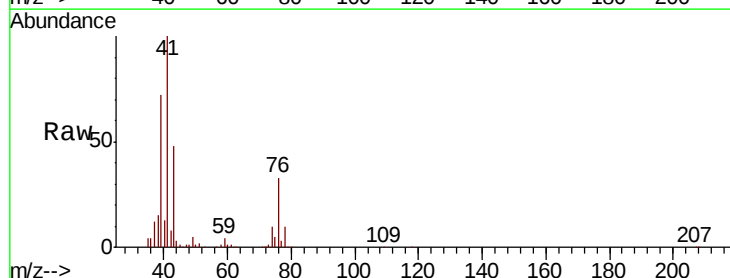
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

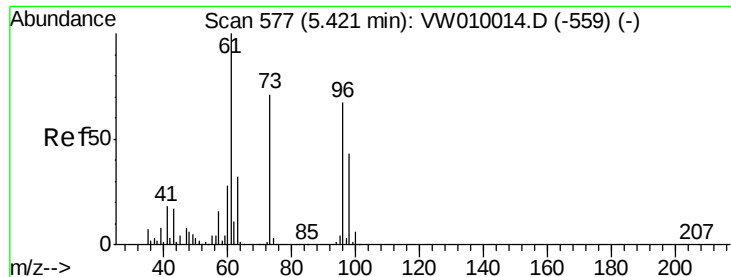
Tgt Ion: 76 Resp: 203397
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 21.370 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion: 43 Resp: 54927
Ion Ratio Lower Upper
43 100
74 21.3 16.8 25.2

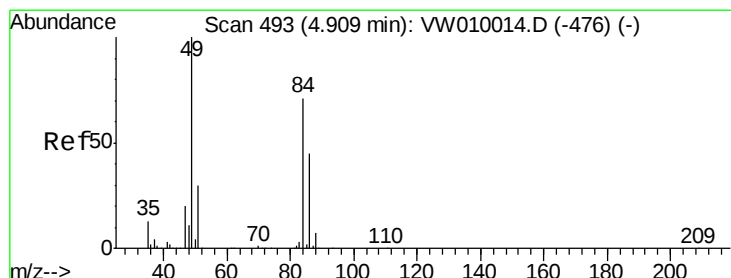
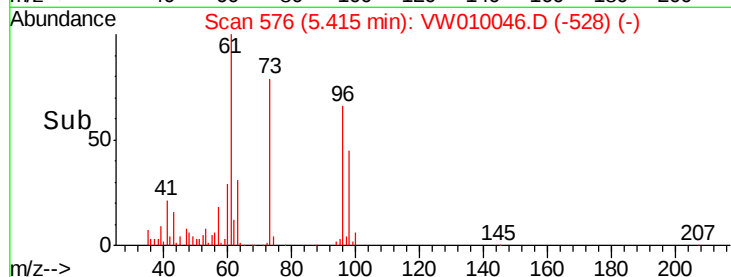
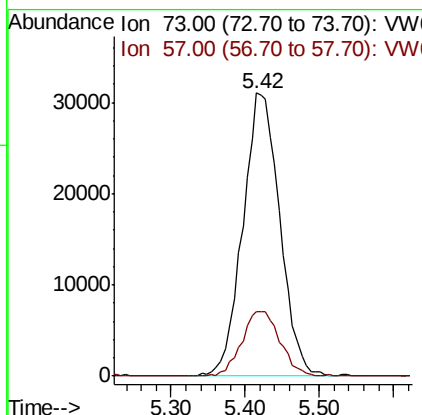
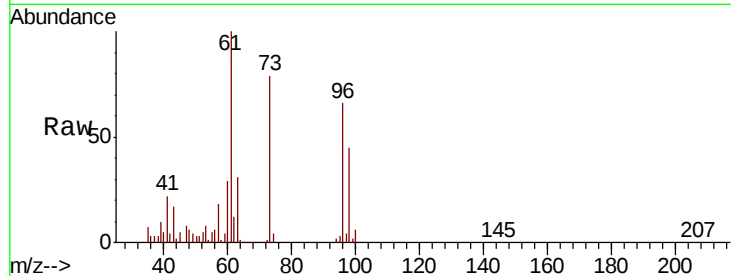




#19
Methyl tert-butyl Ether
Concen: 21.700 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

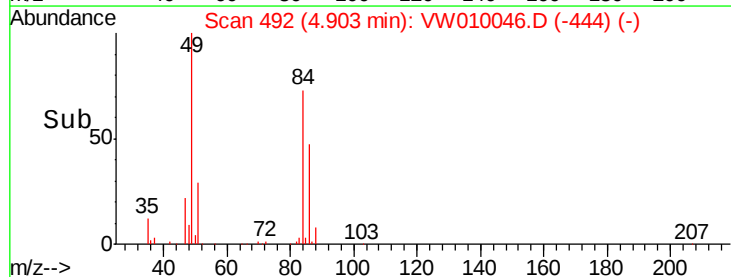
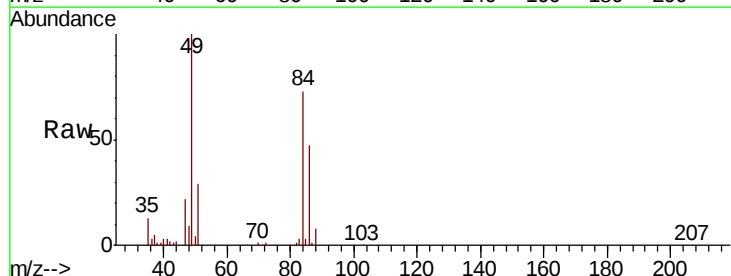
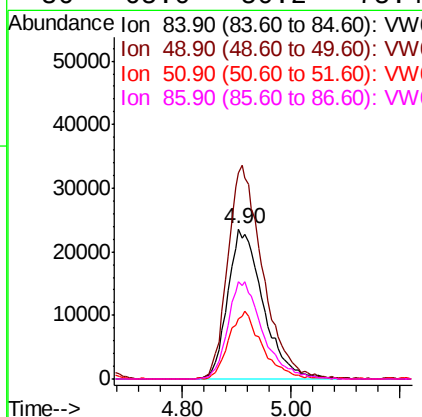
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

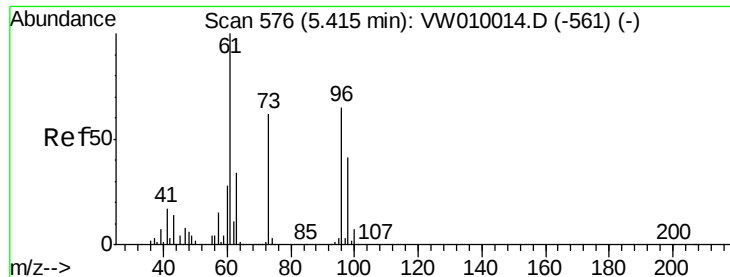
Tgt Ion: 73 Resp: 108072
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7



#20
Methylene Chloride
Concen: 22.243 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion: 84 Resp: 106369
Ion Ratio Lower Upper
84 100
49 137.7 112.3 168.5
51 40.2 33.9 50.9
86 65.0 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.215 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

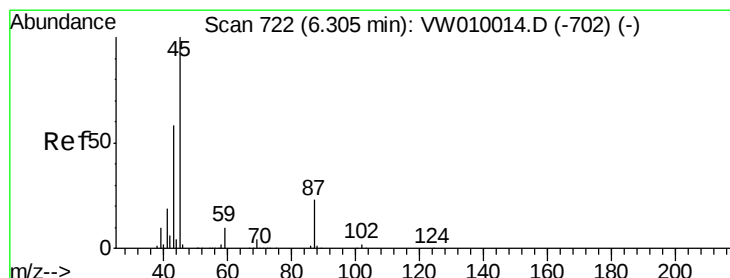
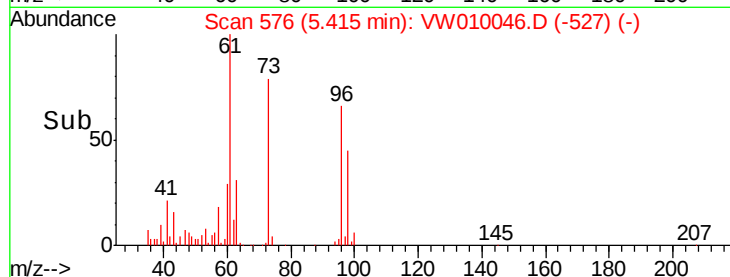
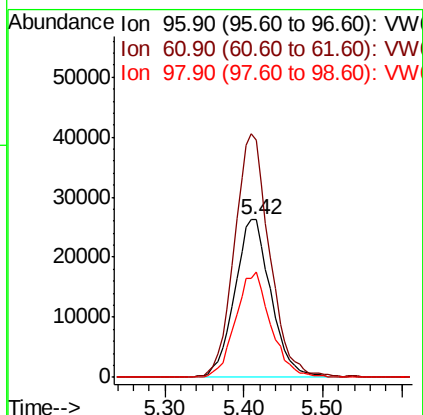
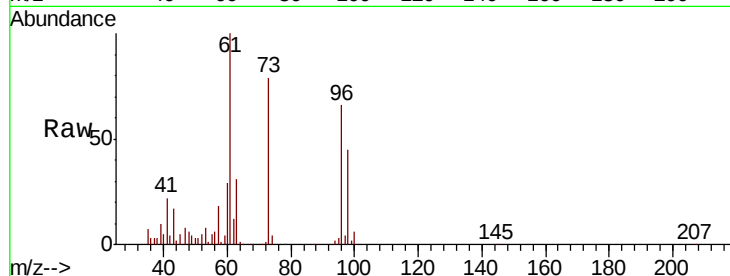
Tgt Ion: 96 Resp: 83936

Ion Ratio Lower Upper

96 100

61 150.4 122.3 183.5

98 66.9 50.5 75.7



#22

Diisopropyl ether

Concen: 21.598 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Tgt Ion: 45 Resp: 298644

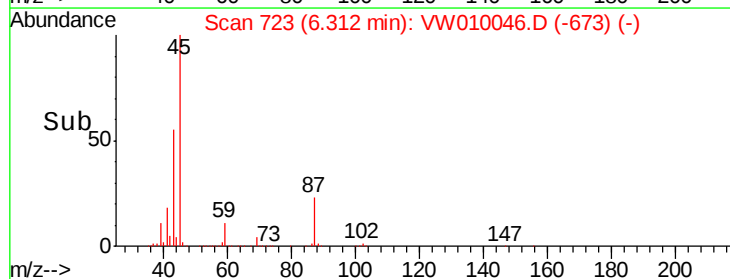
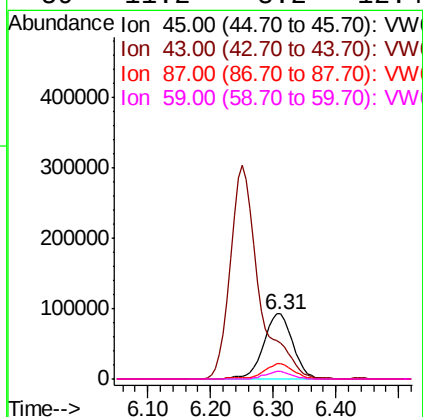
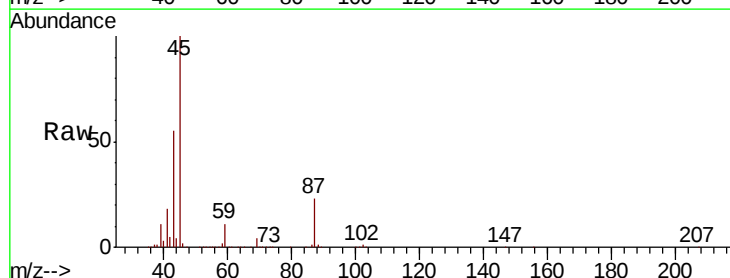
Ion Ratio Lower Upper

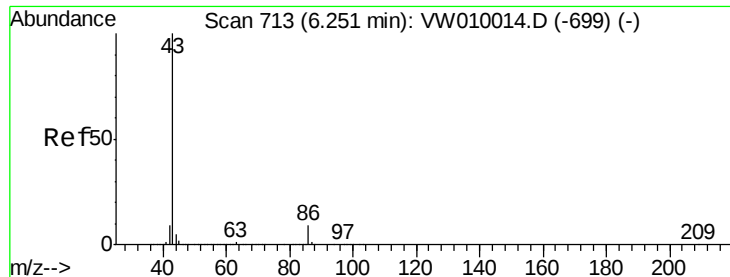
45 100

43 54.7 46.1 69.1

87 22.8 18.3 27.5

59 11.2 8.2 12.4





#23

Vinyl Acetate

Concen: 110.923 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

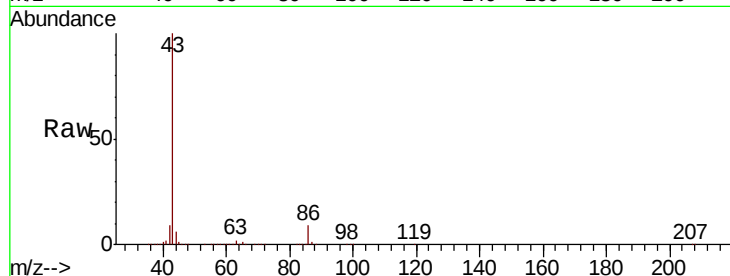
VW0418SBS01

Tgt Ion: 43 Resp: 965542

Ion Ratio Lower Upper

43 100

86 9.0 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

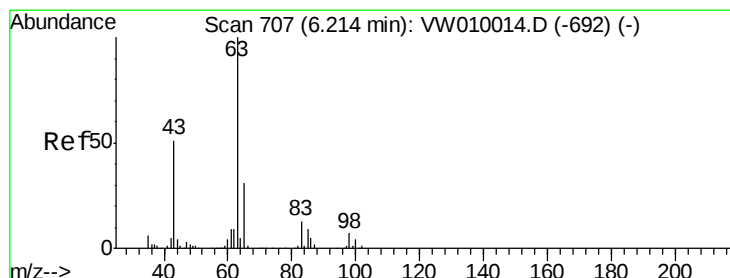
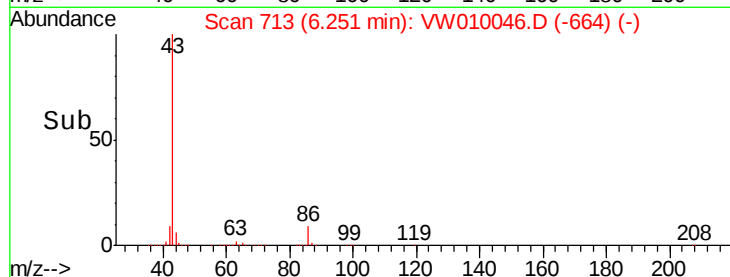
300000

200000

100000

0

Time--> 6.00 6.20 6.40



#24

1,1-Dichloroethane

Concen: 20.738 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

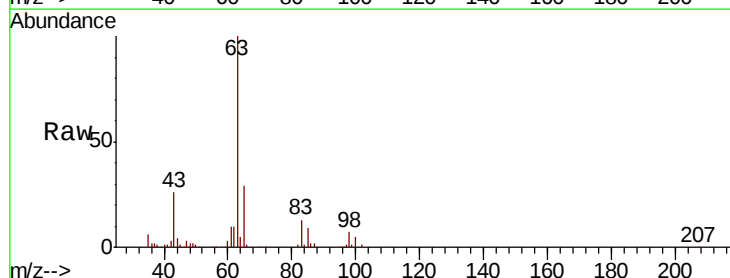
Tgt Ion: 63 Resp: 171420

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

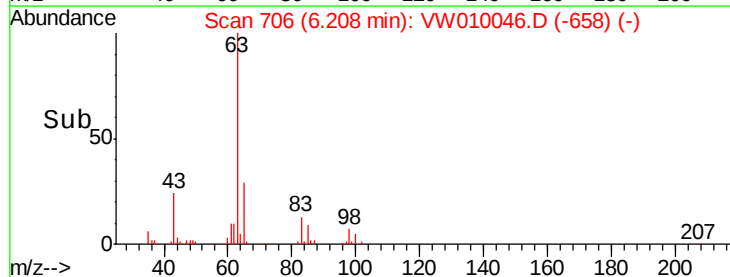
60000

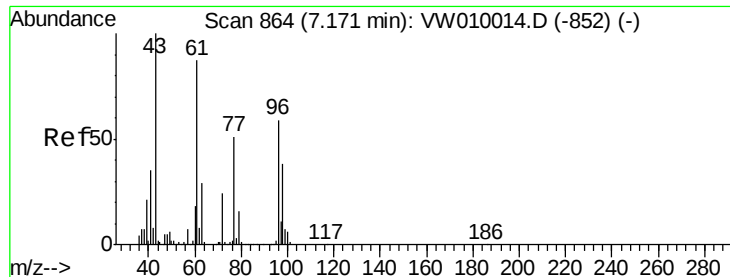
40000

20000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 113.912 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampled :

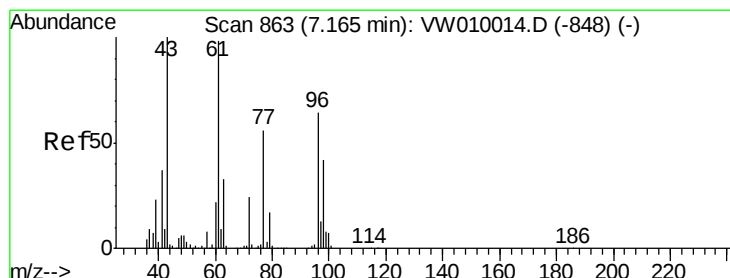
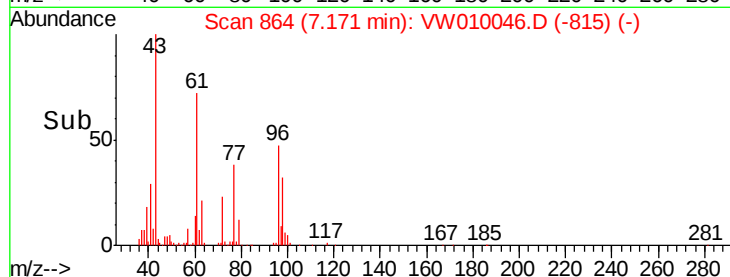
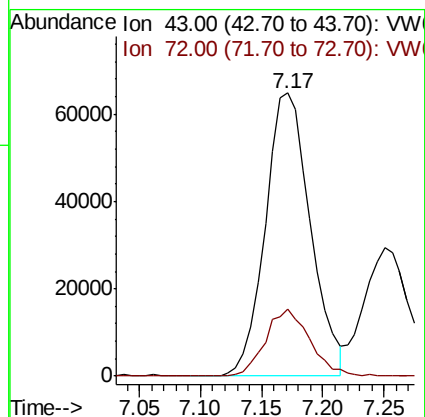
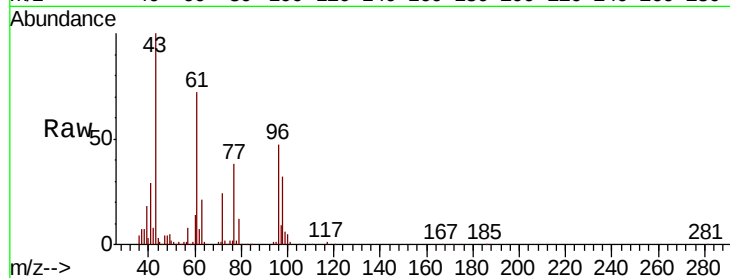
VW0418SBS01

Tgt Ion: 43 Resp: 166177

Ion Ratio Lower Upper

43 100

72 23.5 19.1 28.7



#26

2,2-Dichloropropane

Concen: 19.990 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010046.D

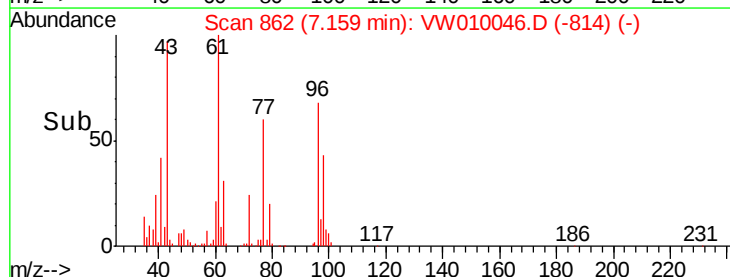
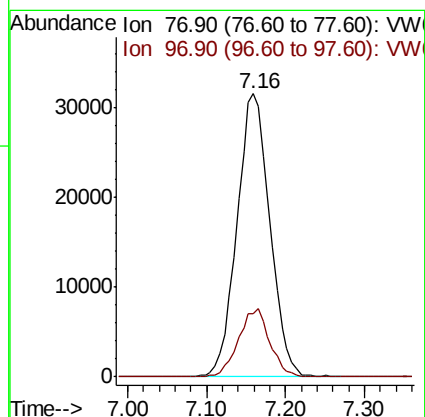
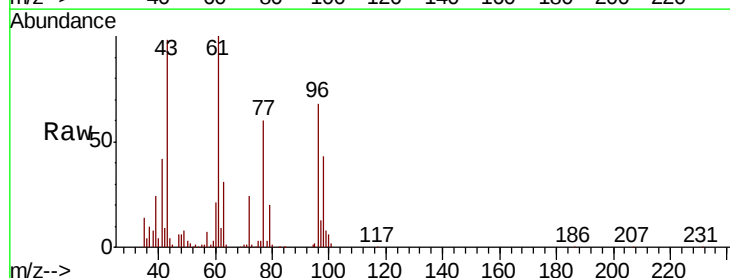
Acq: 18 Apr 2019 15:39

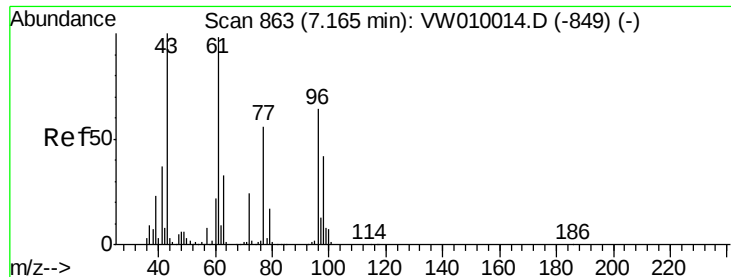
Tgt Ion: 77 Resp: 91419

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9



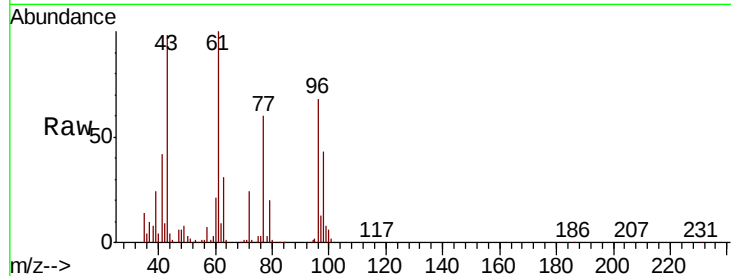


#27

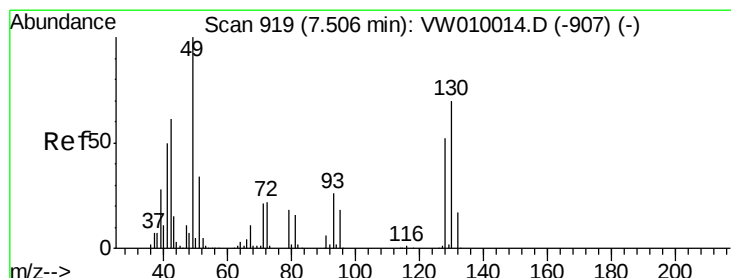
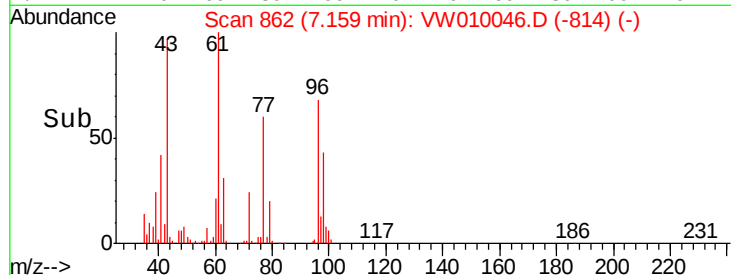
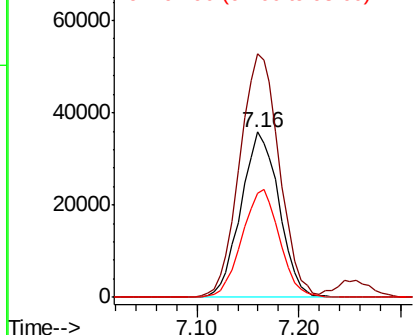
cis-1,2-Dichloroethene
 Concen: 20.372 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Tgt Ion: 96 Resp: 93029
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 309.4
 98 64.6 0.0 128.6



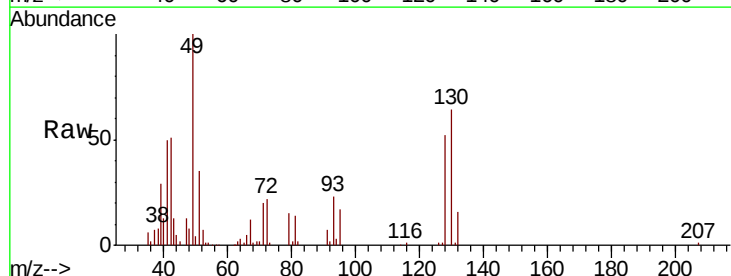
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



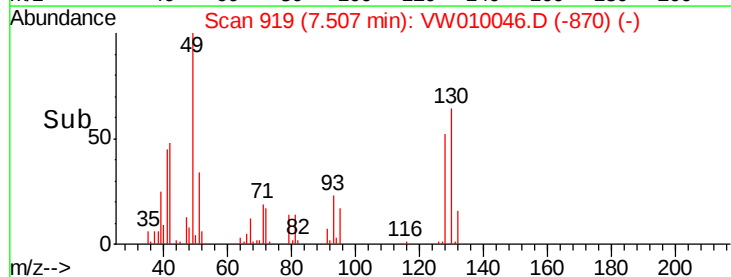
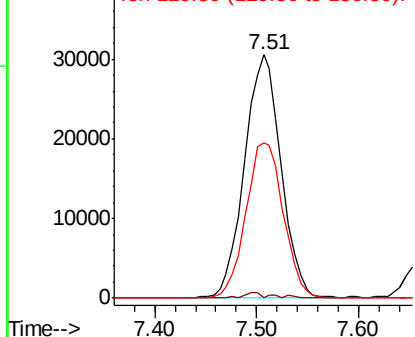
#28

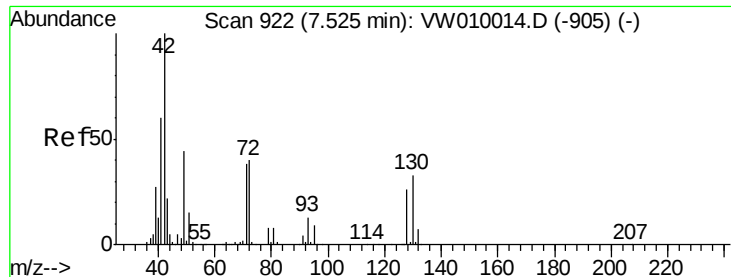
Bromochloromethane
 Concen: 22.574 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion: 49 Resp: 76258
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 65.1 54.6 82.0



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

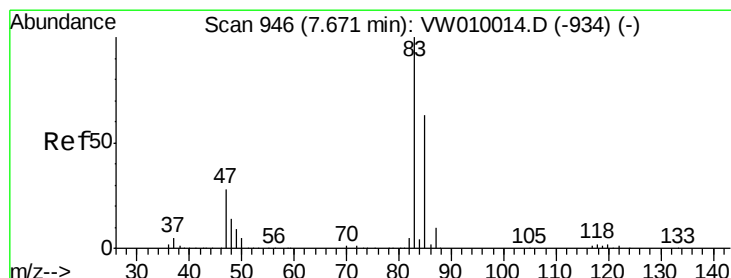
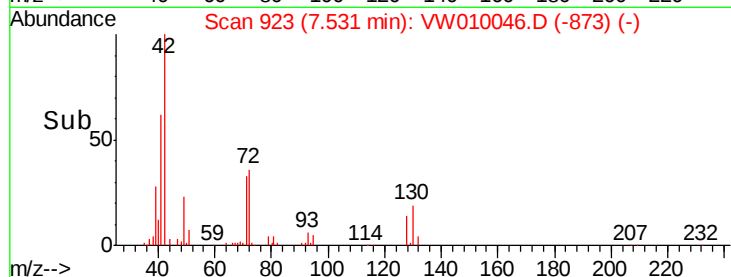
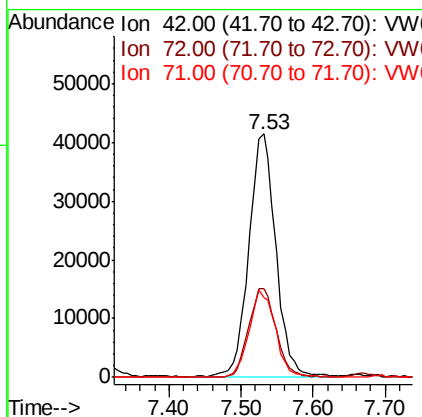
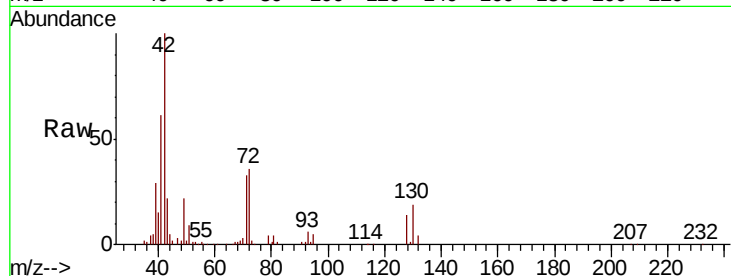




#29
Tetrahydrofuran
Concen: 115.767 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

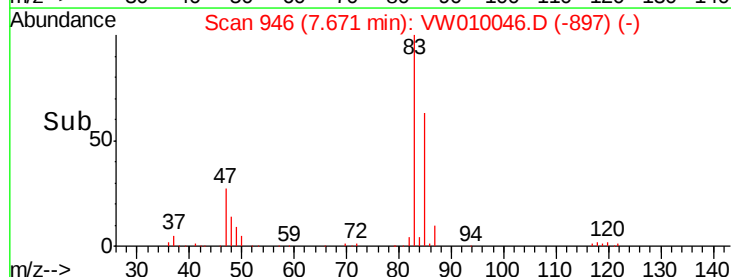
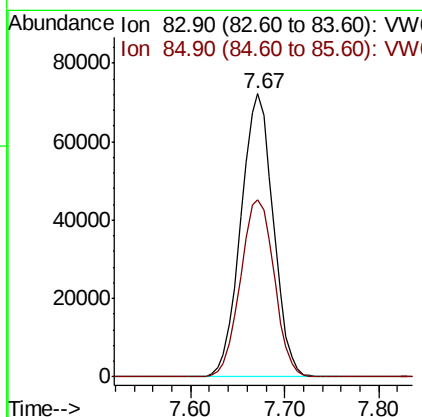
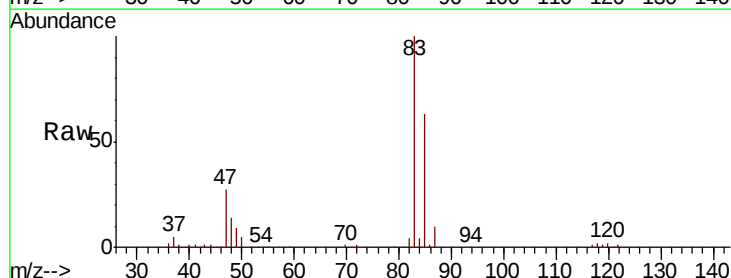
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

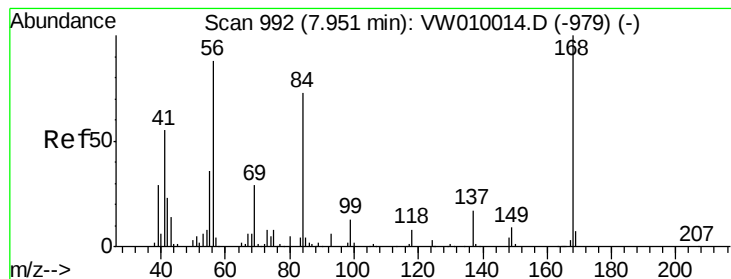
Tgt Ion: 42 Resp: 107010
Ion Ratio Lower Upper
42 100
72 37.4 31.0 46.6
71 35.5 29.7 44.5



#30
Chloroform
Concen: 20.867 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion: 83 Resp: 172840
Ion Ratio Lower Upper
83 100
85 62.7 50.7 76.1





#31

Cyclohexane

Concen: 20.482 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampled :

VW0418SBS01

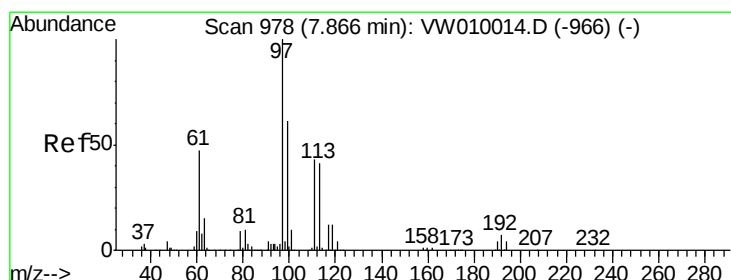
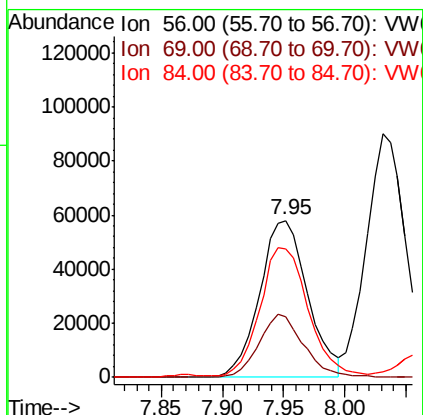
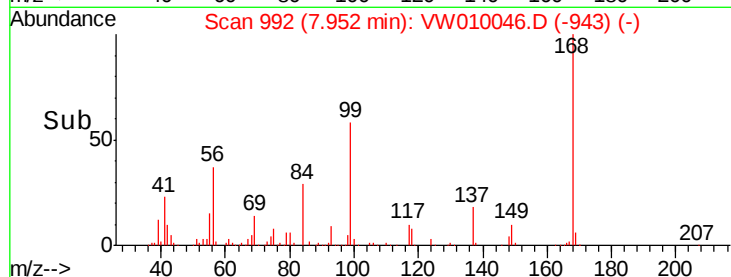
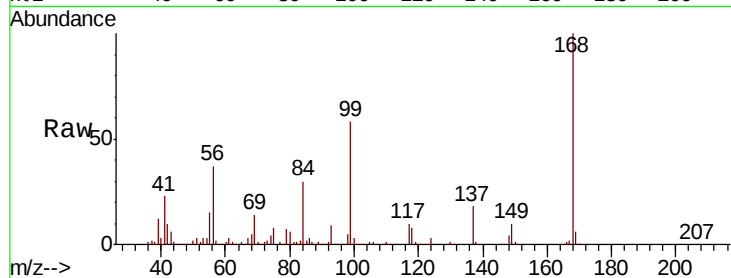
Tgt Ion: 56 Resp: 158542

Ion Ratio Lower Upper

56 100

69 38.5 26.6 40.0

84 79.8 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 20.404 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

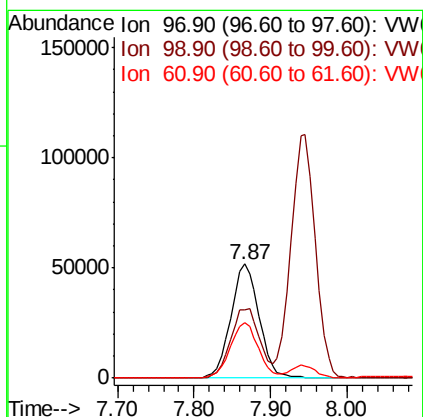
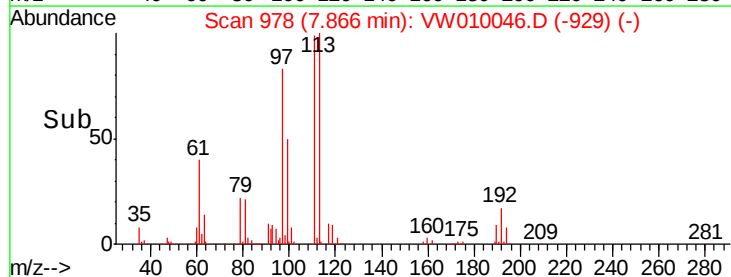
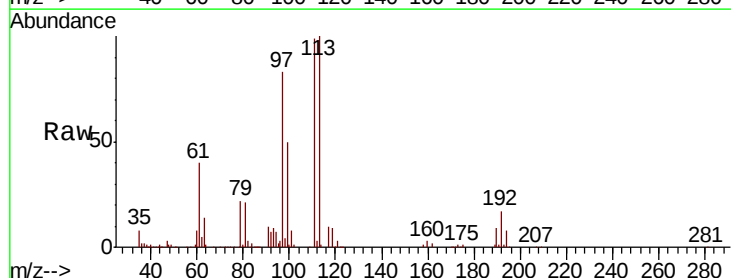
Tgt Ion: 97 Resp: 132674

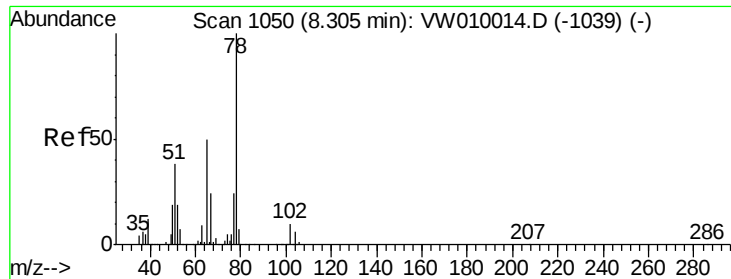
Ion Ratio Lower Upper

97 100

99 62.9 50.2 75.2

61 48.2 38.2 57.2

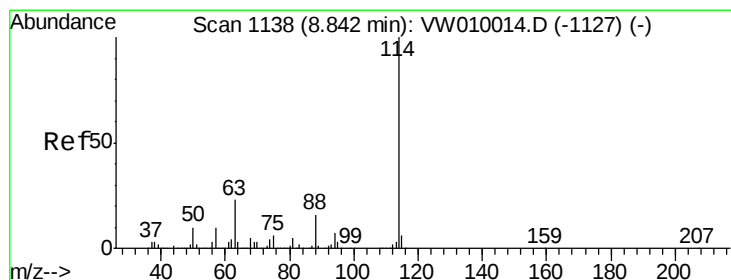
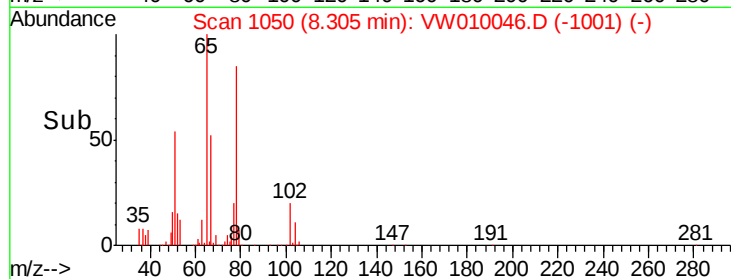
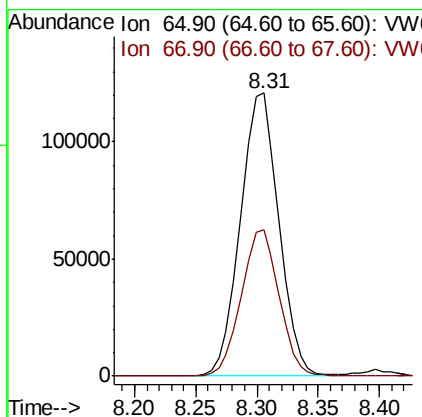
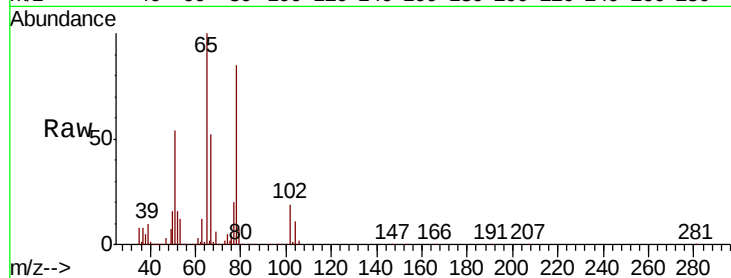




#33
 1,2-Dichloroethane-d4
 Concen: 55.349 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

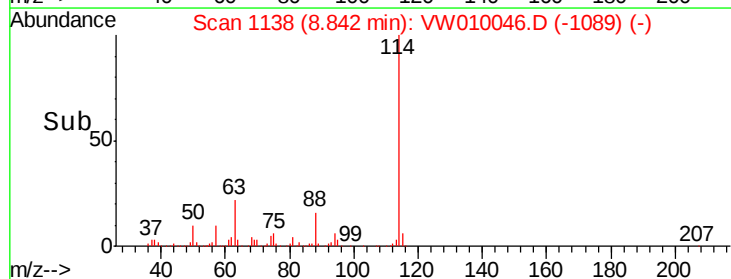
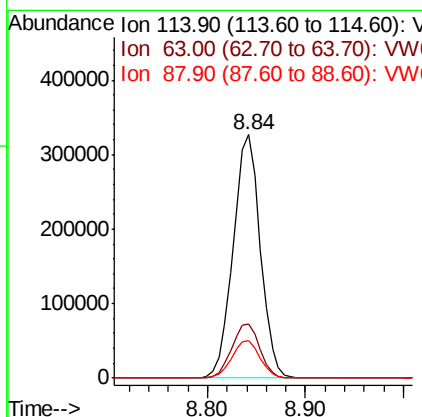
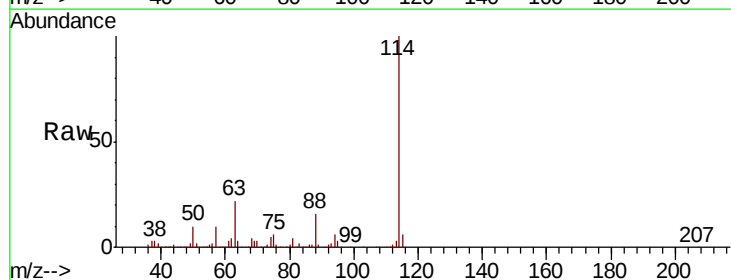
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

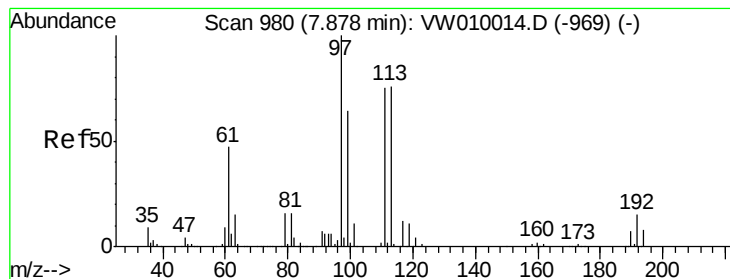
Tgt Ion: 65 Resp: 264923
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion: 114 Resp: 628720
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.2
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.853 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

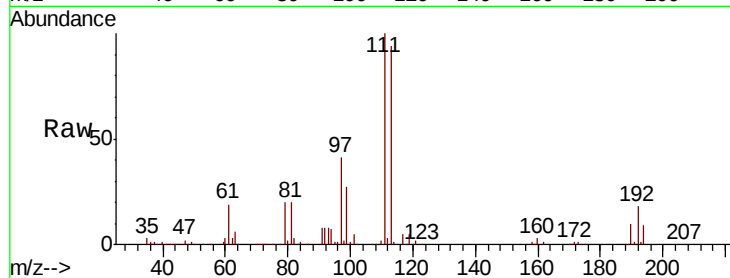
Tgt Ion: 113 Resp: 211263

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

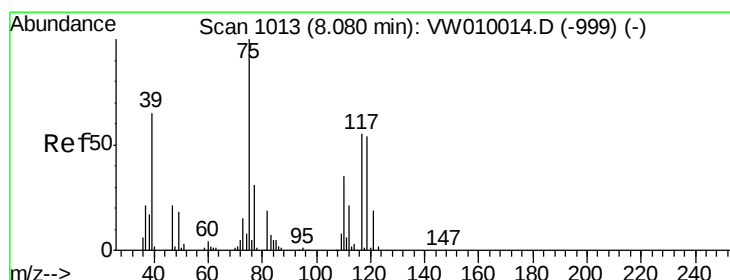
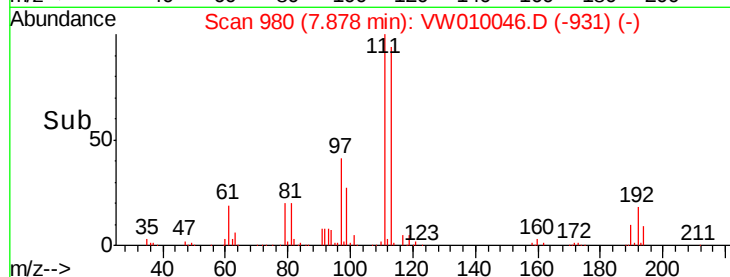
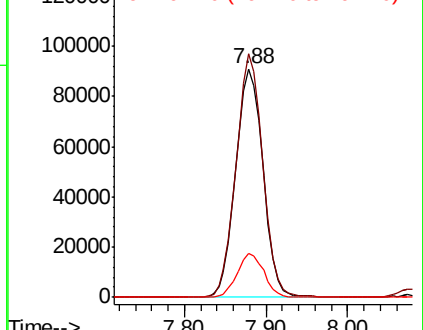
192 18.8 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.875 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

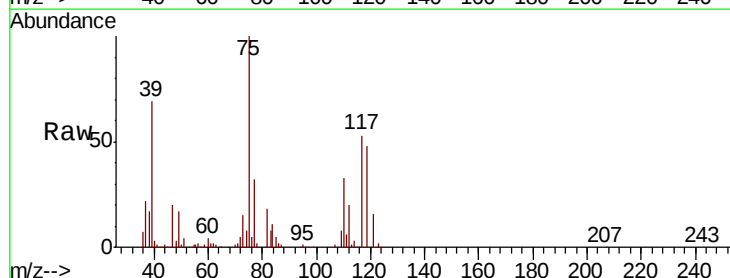
Tgt Ion: 75 Resp: 134062

Ion Ratio Lower Upper

75 100

110 33.0 16.6 49.8

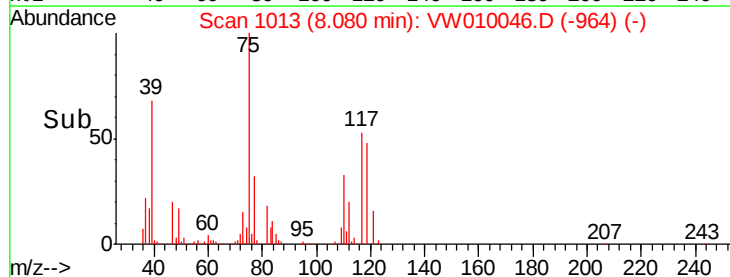
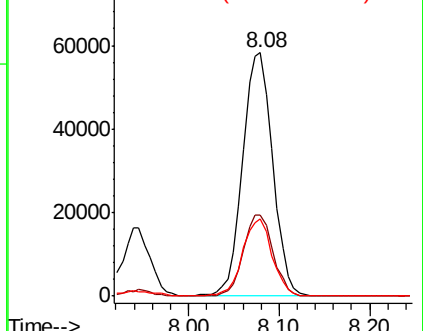
77 31.5 24.8 37.2

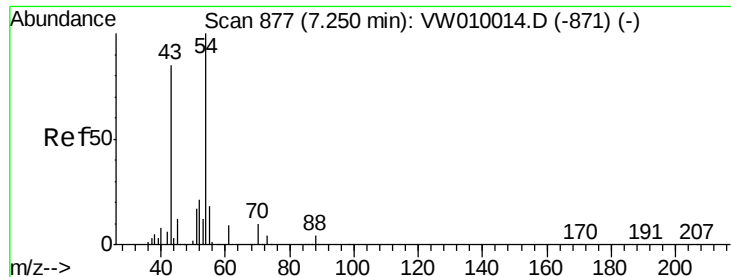


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

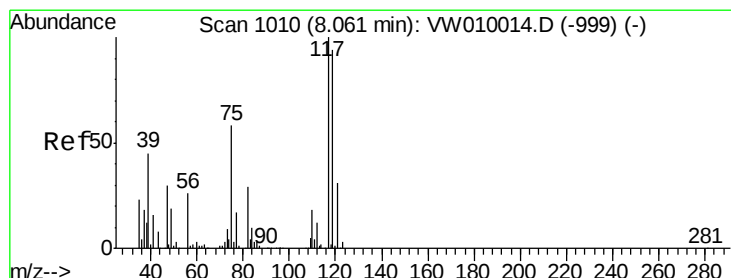
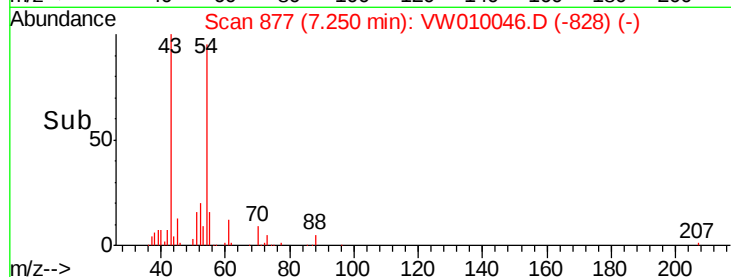
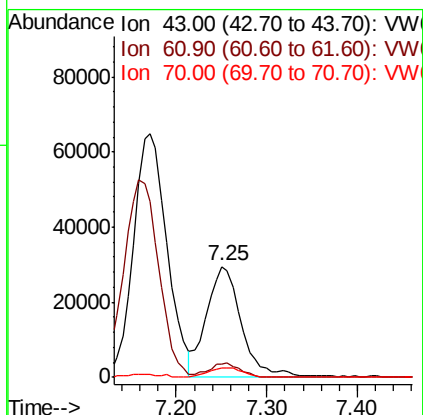
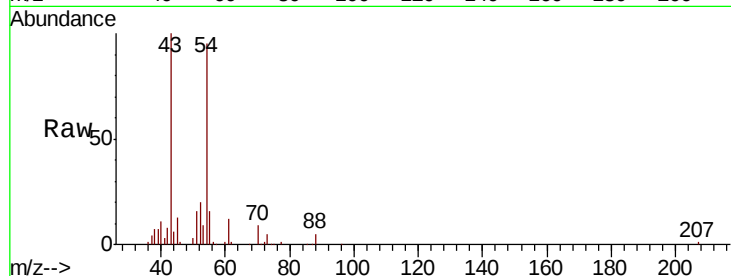




#37
Ethyl Acetate
Concen: 24.123 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

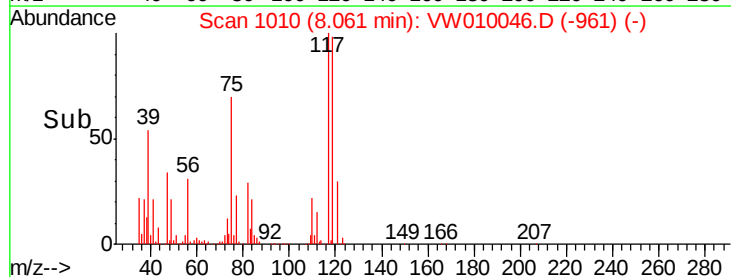
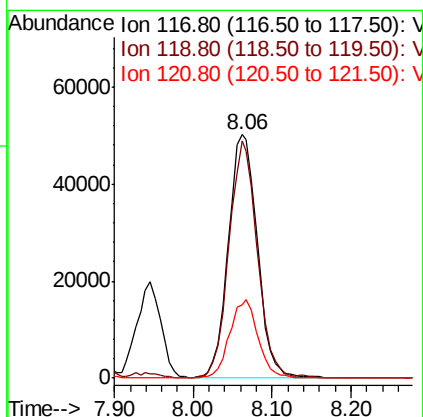
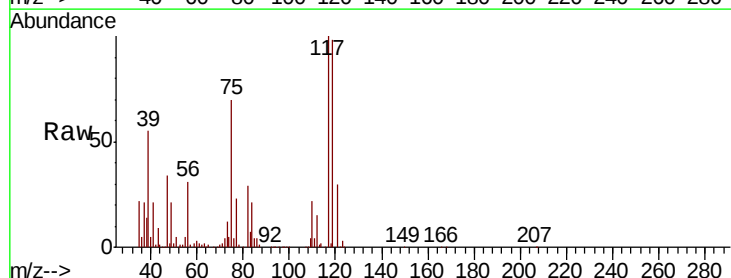
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

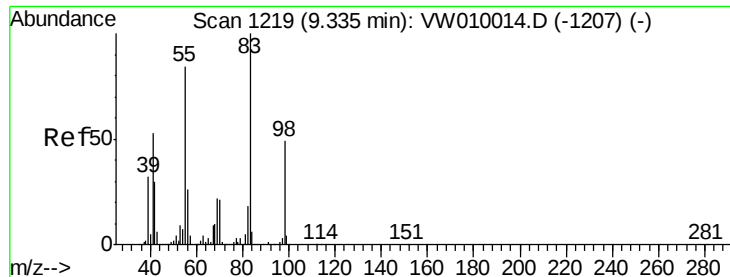
Tgt Ion: 43 Resp: 78724
Ion Ratio Lower Upper
43 100
61 11.8 9.8 14.8
70 8.8 7.4 11.0



#38
Carbon Tetrachloride
Concen: 20.513 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion: 117 Resp: 128574
Ion Ratio Lower Upper
117 100
119 97.7 75.3 112.9
121 30.2 24.4 36.6

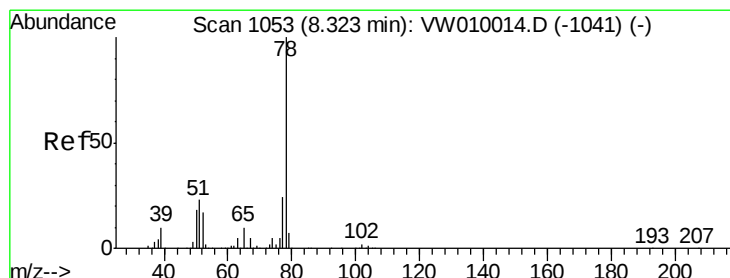
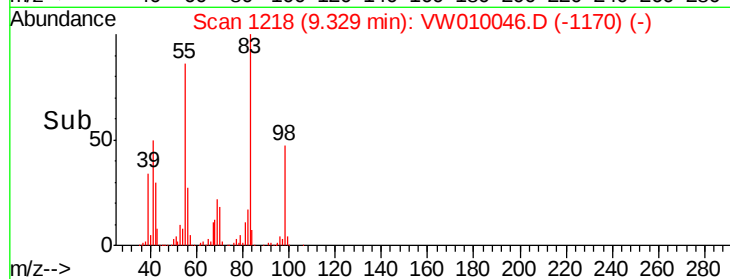
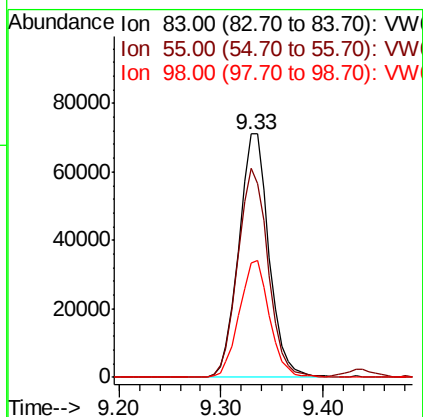
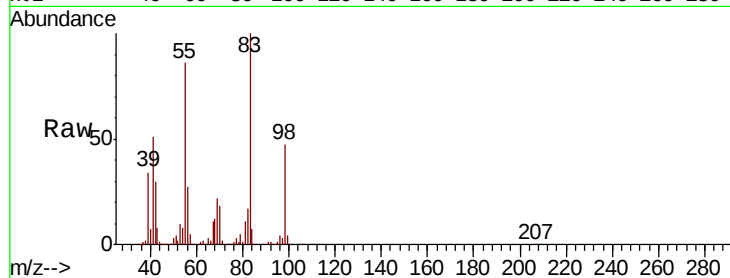




#39
Methylcyclohexane
Concen: 19.481 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

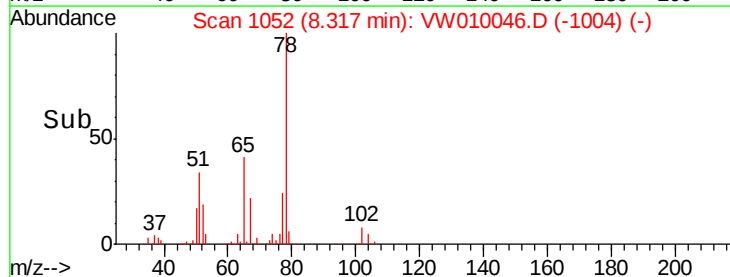
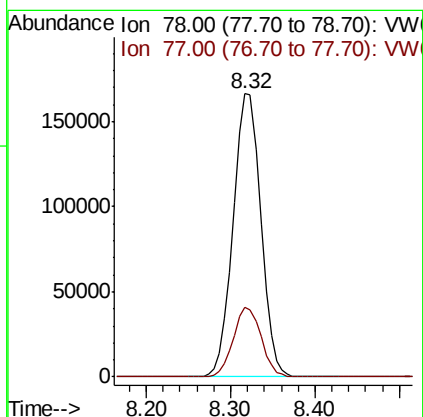
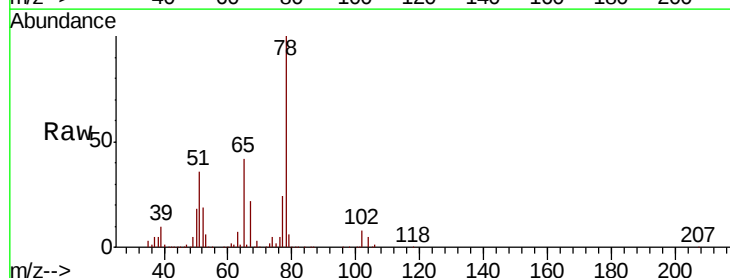
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

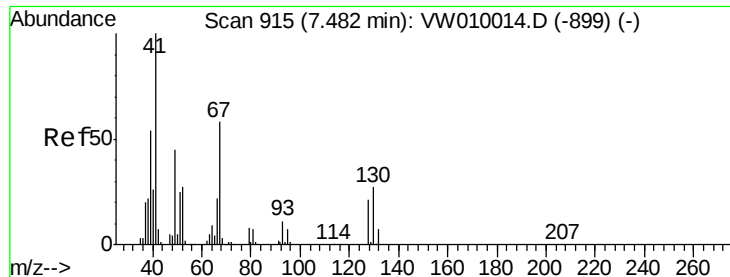
Tgt Ion: 83 Resp: 146390
Ion Ratio Lower Upper
83 100
55 85.7 67.1 100.7
98 46.9 39.2 58.8



#40
Benzene
Concen: 21.085 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion: 78 Resp: 370264
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

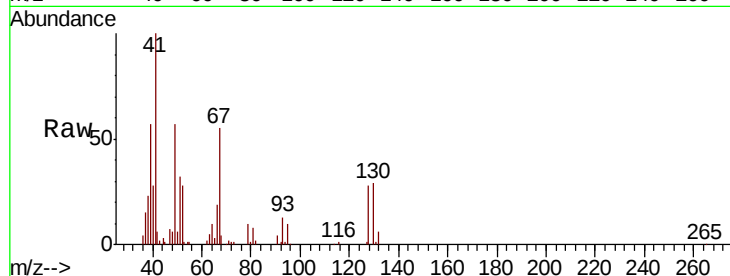




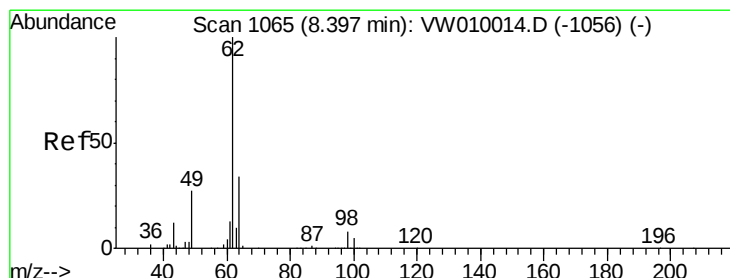
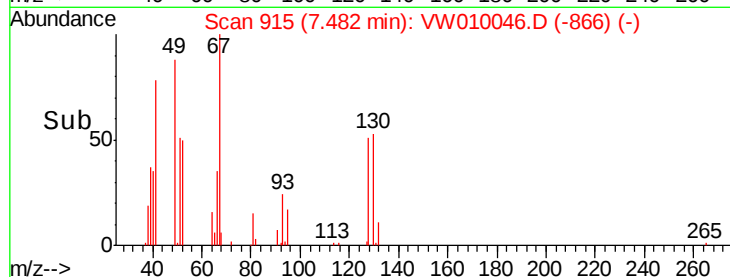
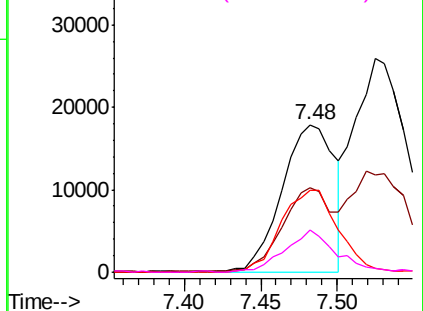
#41
Methacrylonitrile
Concen: 23.083 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tgt Ion:	41	Resp:	42933
Ion	Ratio	Lower	Upper
41	100		
39	54.0	45.0	67.4
67	60.5	50.7	76.1
52	27.5	22.6	33.8

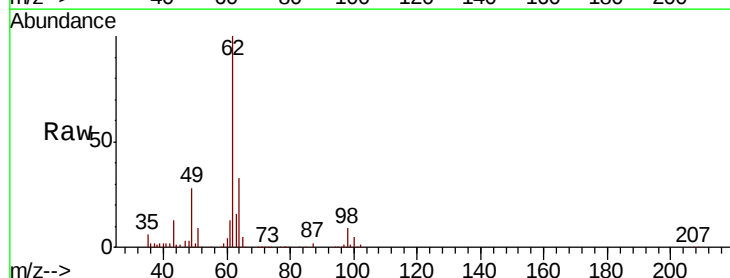


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

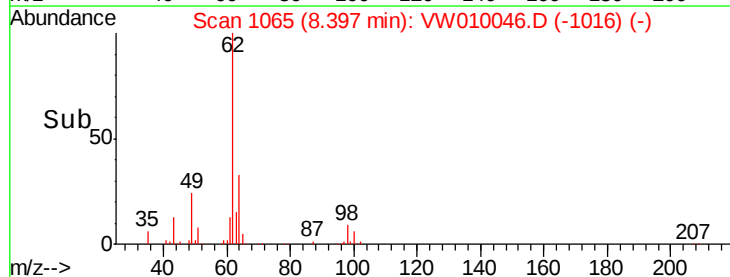
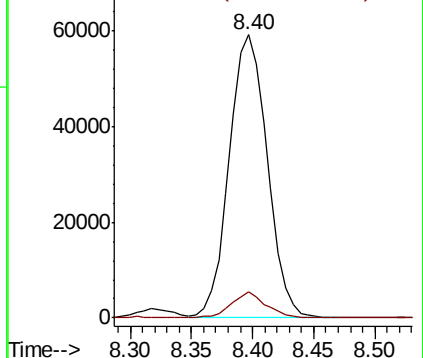


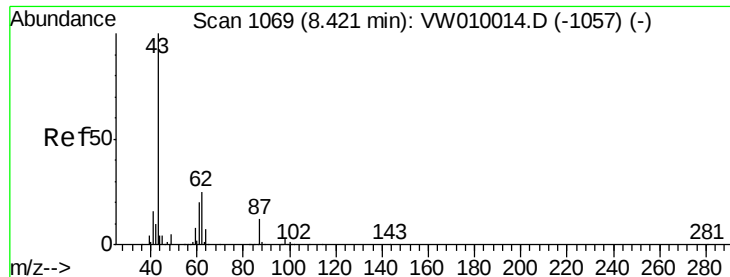
#42
1,2-Dichloroethane
Concen: 21.188 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion:	62	Resp:	127862
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.239 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

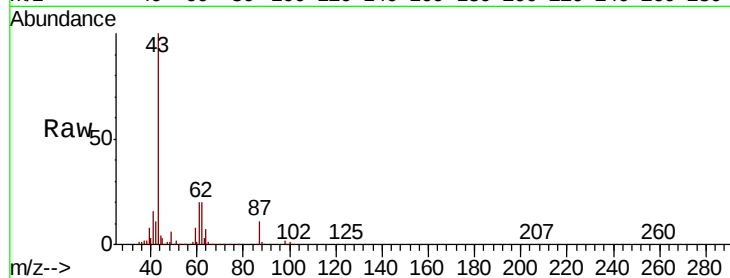
Tgt Ion: 43 Resp: 135999

Ion Ratio Lower Upper

43 100

61 27.9 23.0 34.6

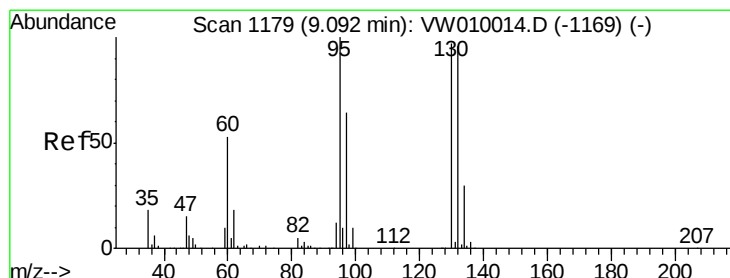
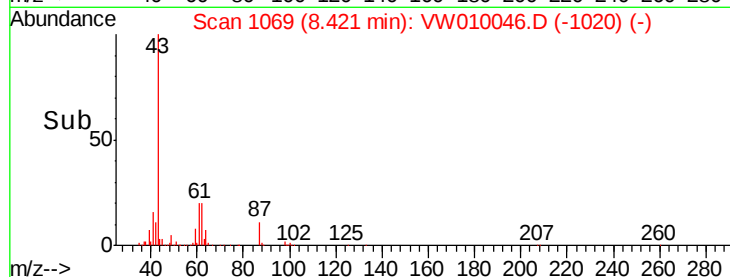
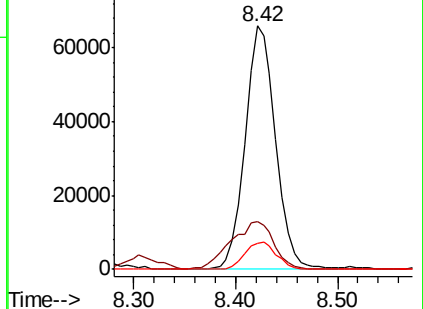
87 11.8 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.507 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW010046.D

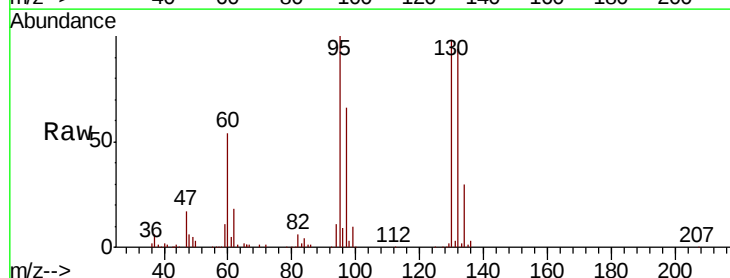
Acq: 18 Apr 2019 15:39

Tgt Ion: 130 Resp: 91462

Ion Ratio Lower Upper

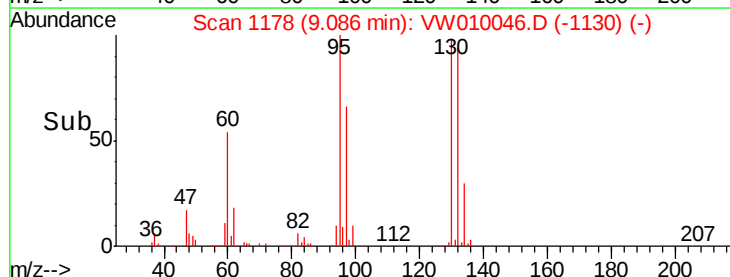
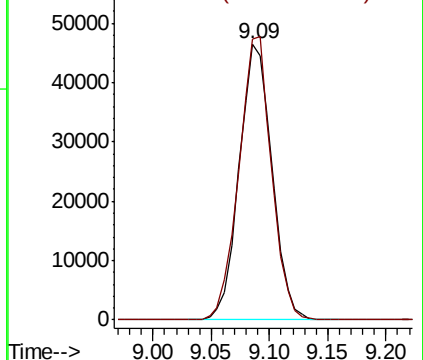
130 100

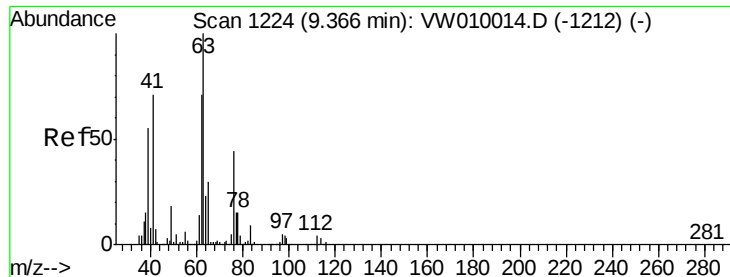
95 102.0 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.942 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

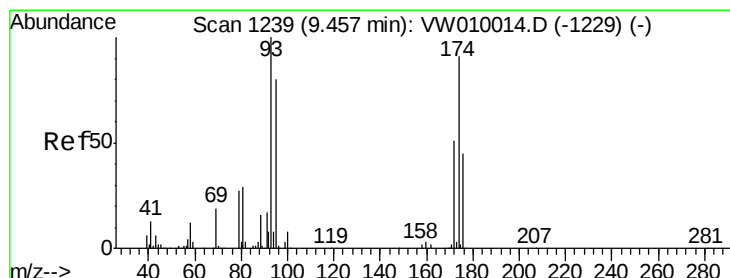
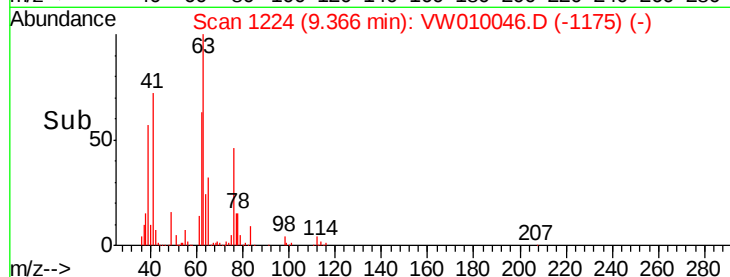
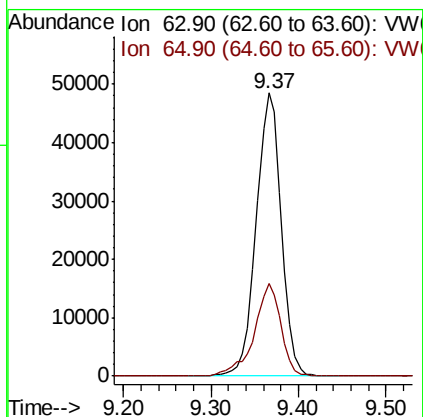
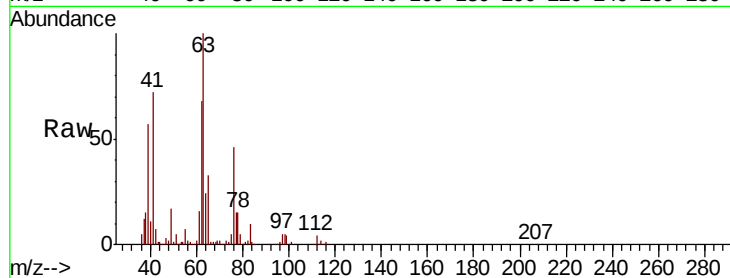
VW0418SBS01

Tgt Ion: 63 Resp: 96663

Ion Ratio Lower Upper

63 100

65 32.8 23.8 35.6



#46

Dibromomethane

Concen: 21.617 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

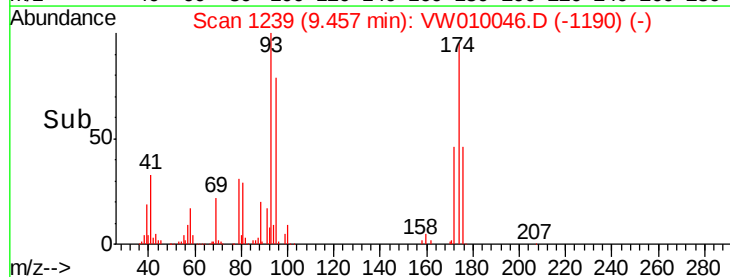
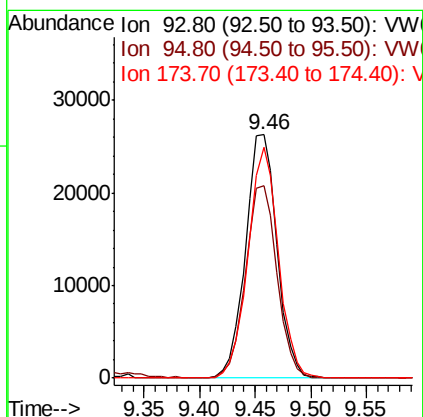
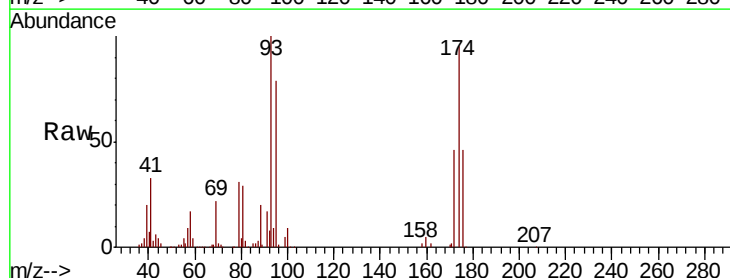
Tgt Ion: 93 Resp: 51714

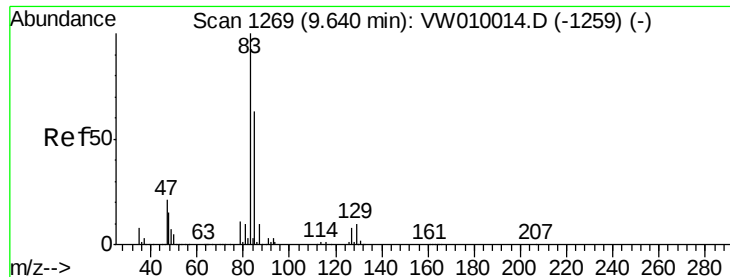
Ion Ratio Lower Upper

93 100

95 79.4 65.8 98.8

174 91.6 75.5 113.3





#47

Bromodichloromethane

Concen: 20.634 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

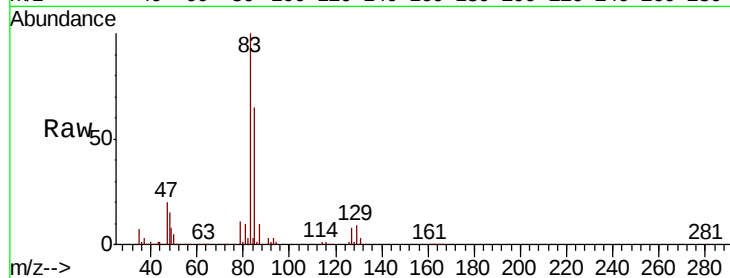
Tgt Ion: 83 Resp: 127427

Ion Ratio Lower Upper

83 100

85 64.6 50.6 75.8

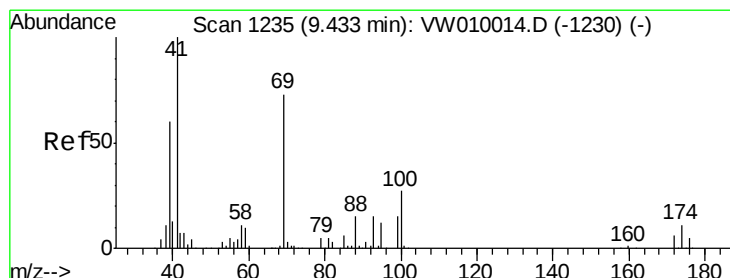
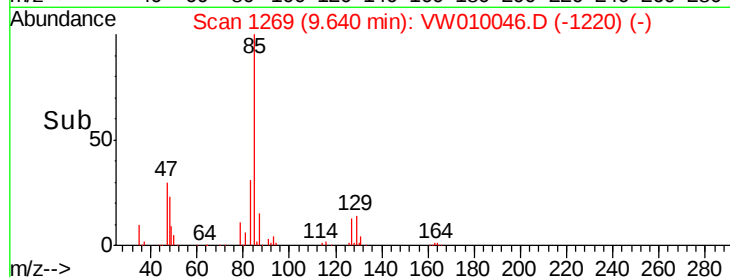
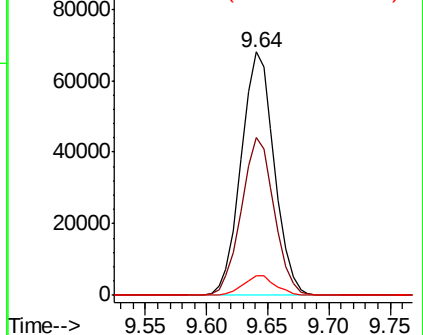
127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 22.486 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

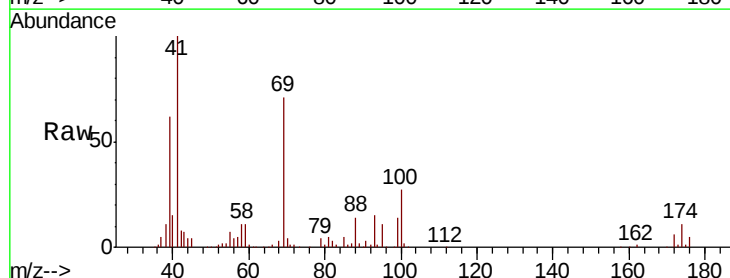
Tgt Ion: 41 Resp: 66935

Ion Ratio Lower Upper

41 100

69 74.3 60.1 90.1

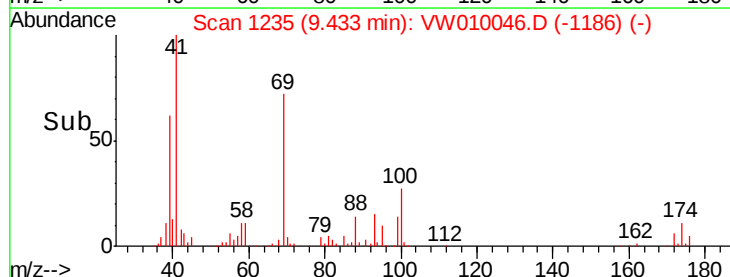
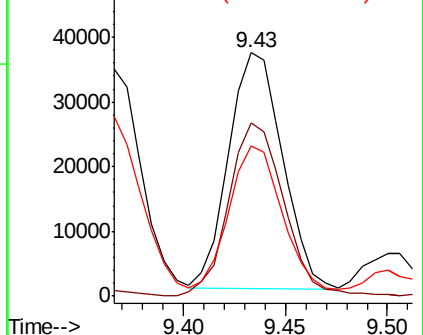
39 64.2 51.0 76.6

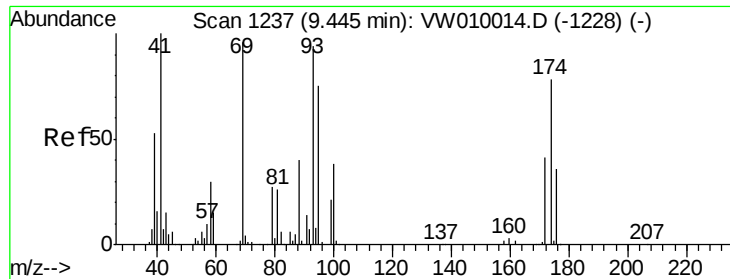


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

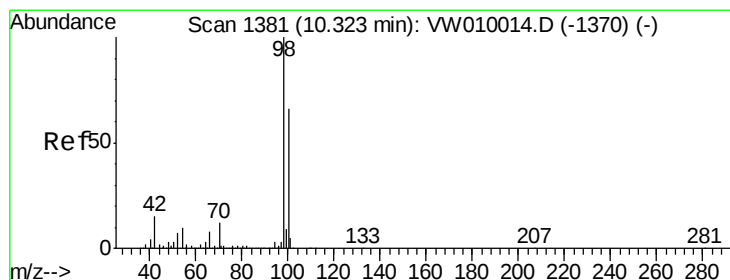
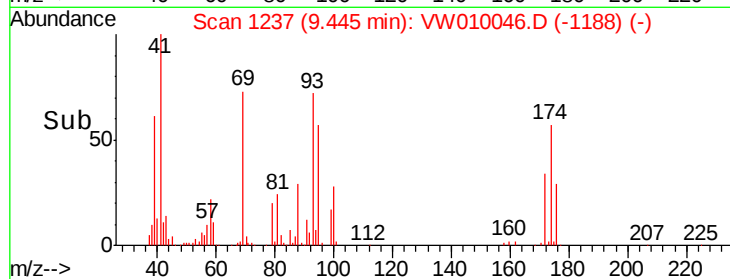
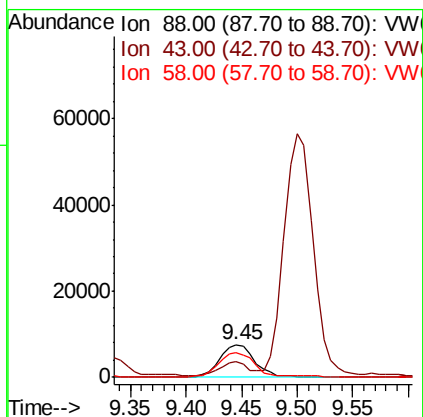
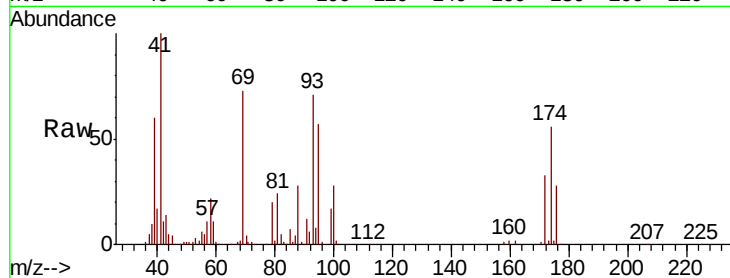




#49
 1,4-Dioxane
 Concen: 447.639 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

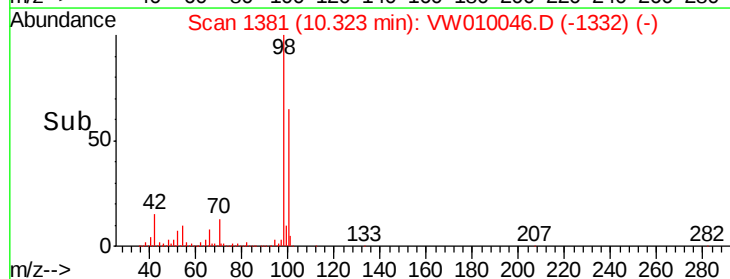
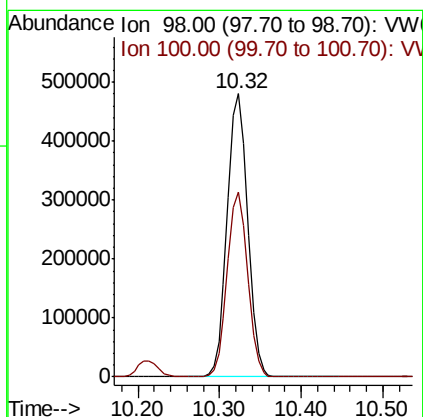
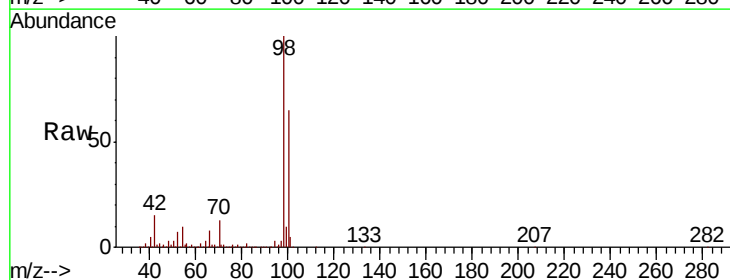
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

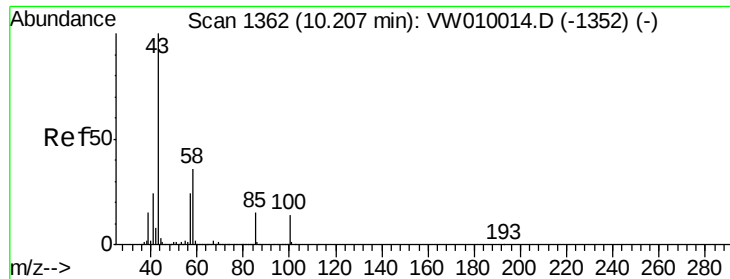
Tgt Ion: 88 Resp: 16363
 Ion Ratio Lower Upper
 88 100
 43 37.2 31.9 47.9
 58 78.2 61.8 92.6



#50
 Toluene-d8
 Concen: 55.508 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion: 98 Resp: 831416
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.3 78.5

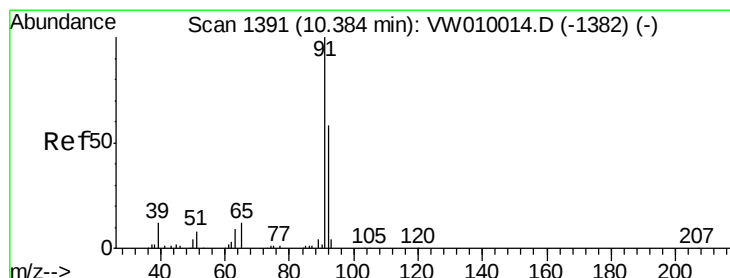
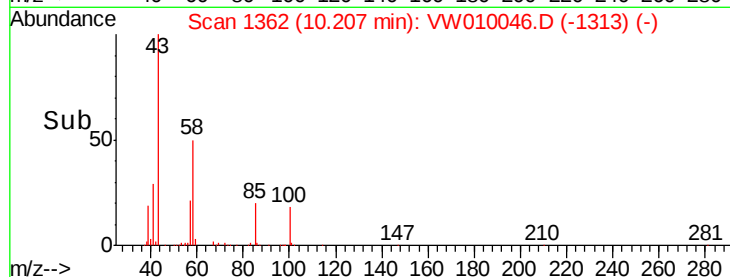
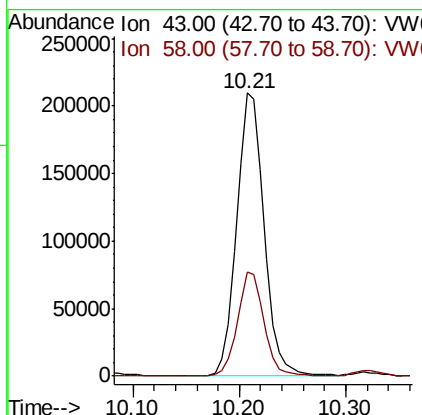
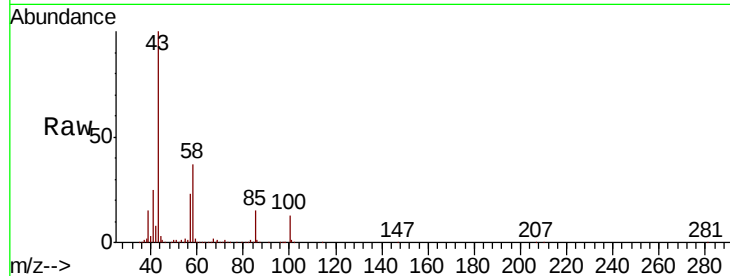




#51
 4-Methyl-2-Pentanone
 Concen: 118.077 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

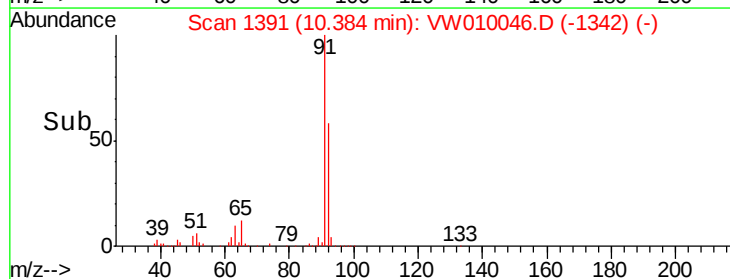
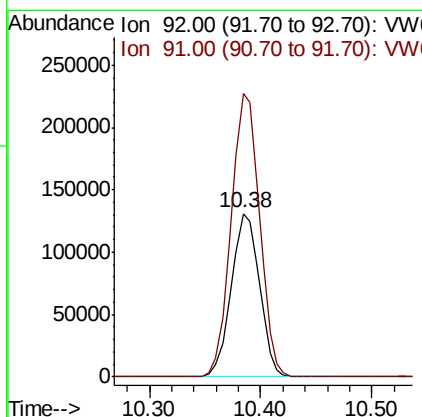
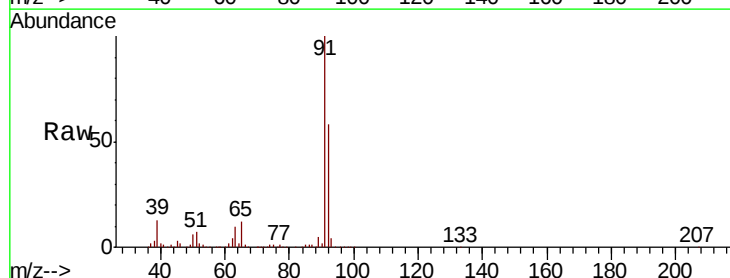
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

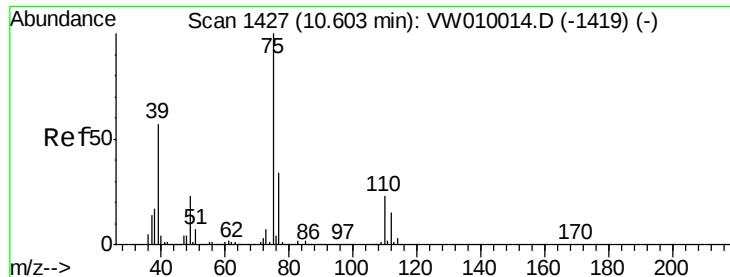
Tgt Ion: 43 Resp: 378193
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.9 43.3



#52
 Toluene
 Concen: 20.994 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion: 92 Resp: 229643
 Ion Ratio Lower Upper
 92 100
 91 175.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.447 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

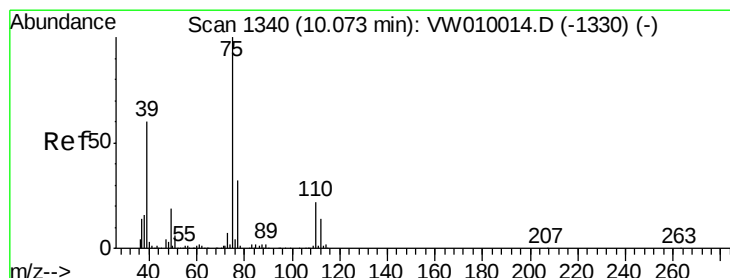
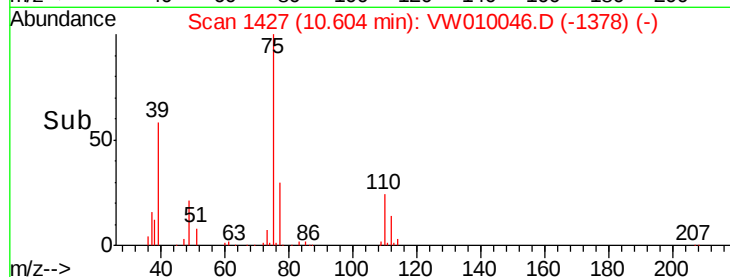
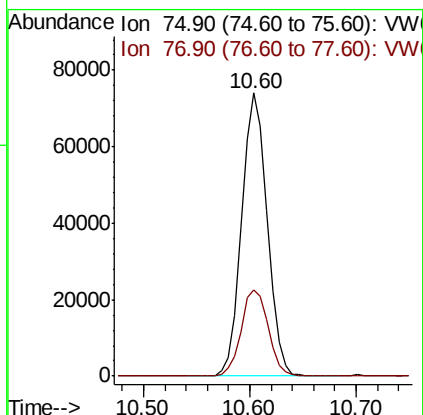
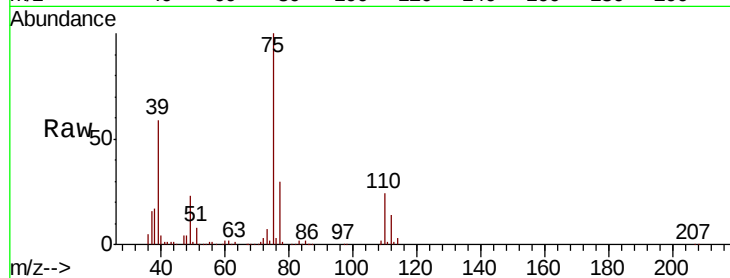
VW0418SBS01

Tgt Ion: 75 Resp: 125190

Ion Ratio Lower Upper

75 100

77 30.3 26.9 40.3



#54

cis-1,3-Dichloropropene

Concen: 20.646 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

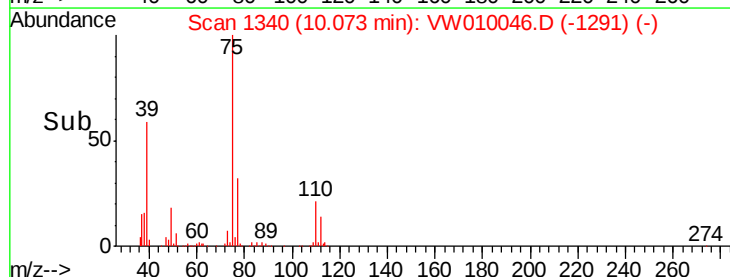
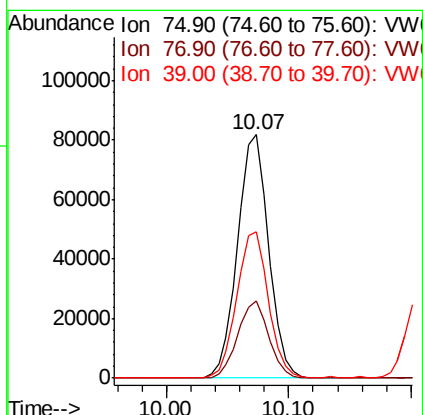
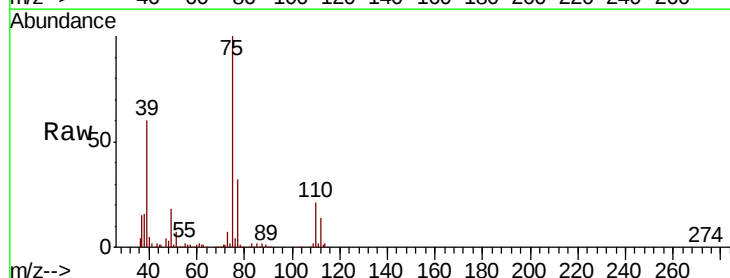
Tgt Ion: 75 Resp: 144342

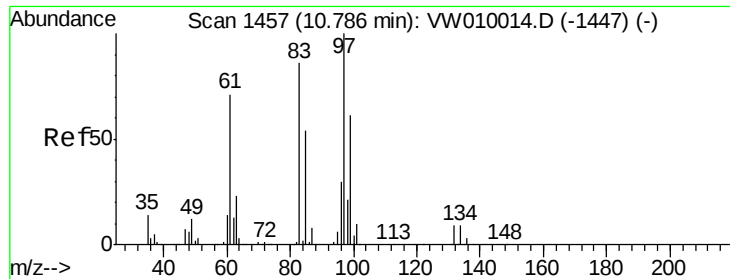
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 59.6 47.8 71.6

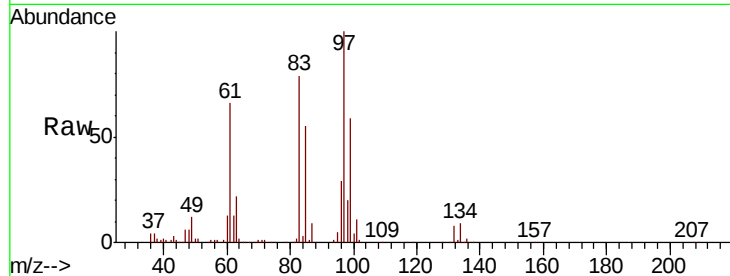




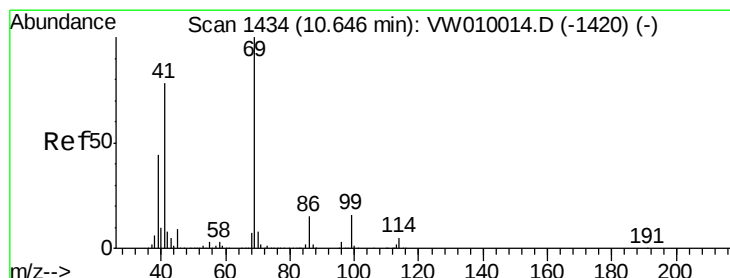
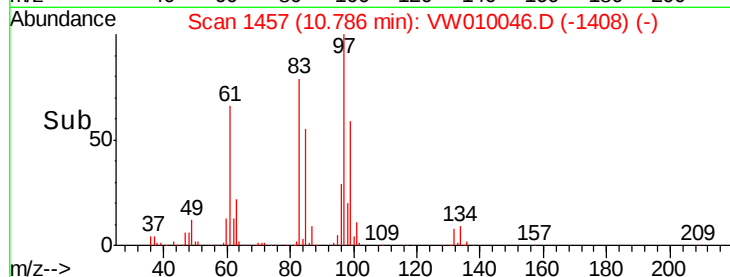
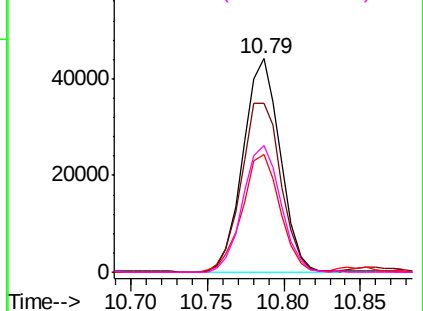
#55
 1,1,2-Trichloroethane
 Concen: 22.372 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Tgt Ion:	97	Resp:	74699
Ion	Ratio	Lower	Upper
97	100		
83	79.1	68.9	103.3
85	55.3	42.9	64.3
99	59.0	48.6	72.8

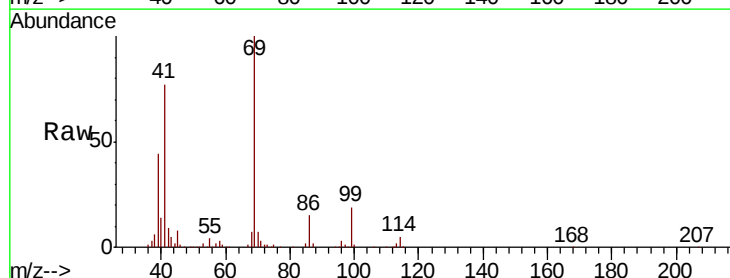


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

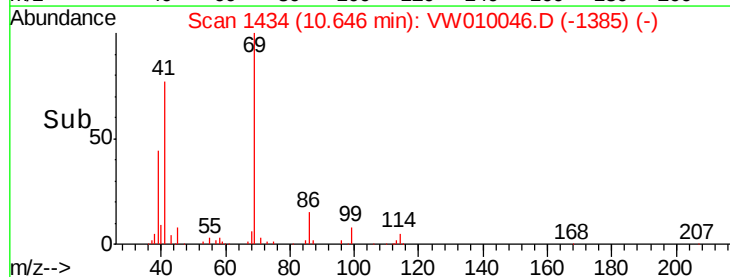
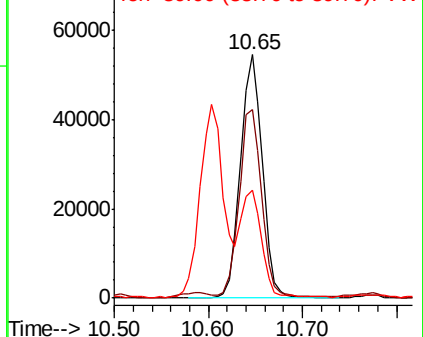


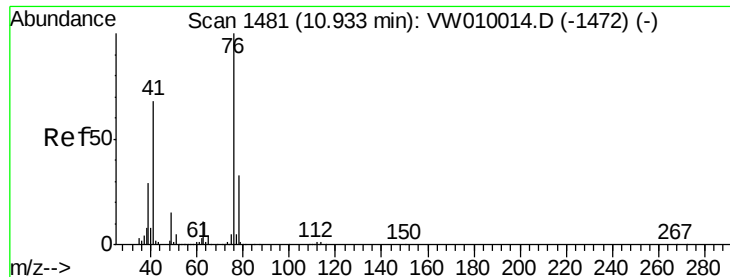
#56
 Ethyl methacrylate
 Concen: 20.704 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion:	69	Resp:	88419
Ion	Ratio	Lower	Upper
69	100		
41	79.6	61.0	91.6
39	41.1	33.8	50.6



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.324 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

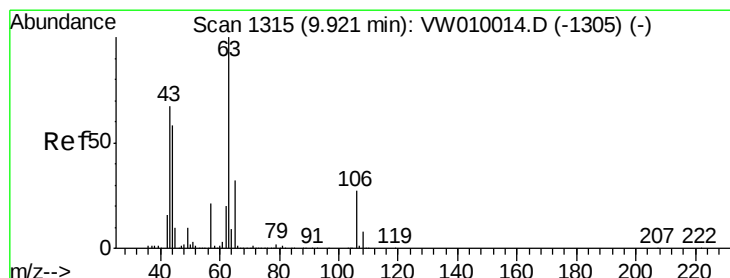
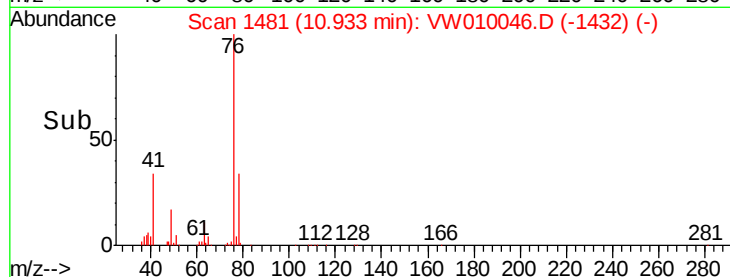
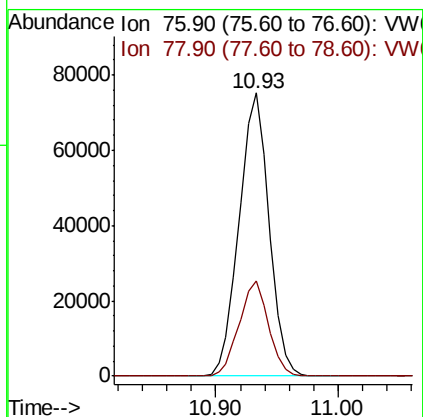
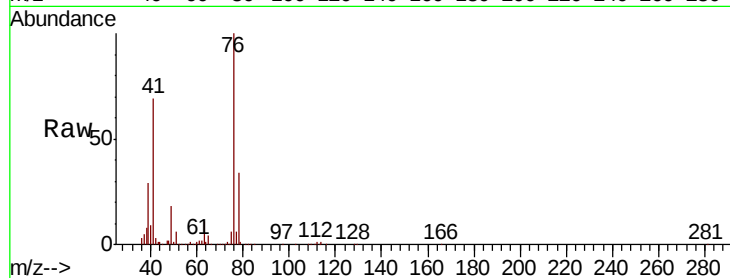
VW0418SBS01

Tgt Ion: 76 Resp: 127619

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 128.600 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010046.D

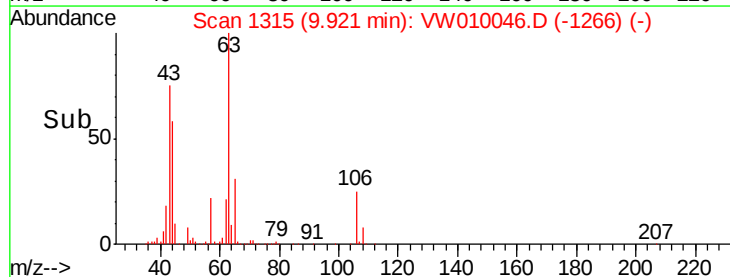
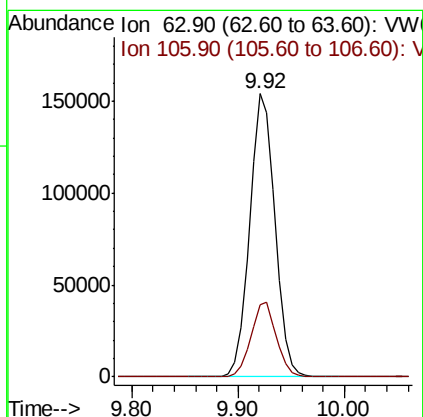
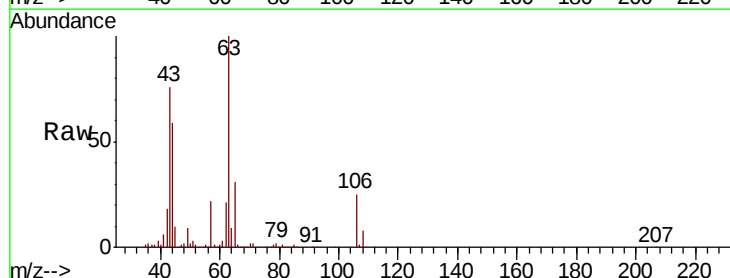
Acq: 18 Apr 2019 15:39

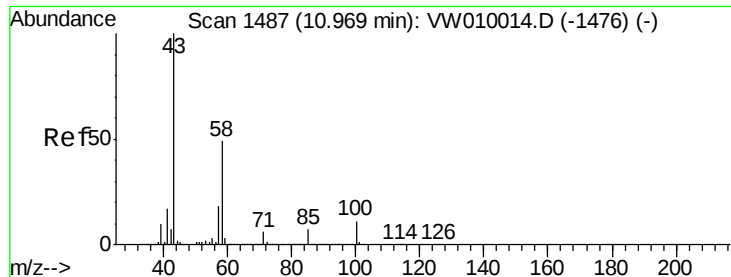
Tgt Ion: 63 Resp: 256582

Ion Ratio Lower Upper

63 100

106 26.4 21.4 32.0

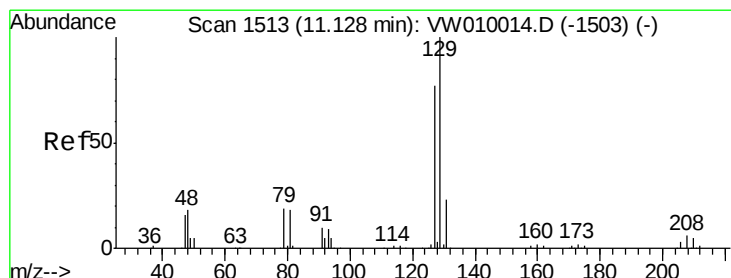
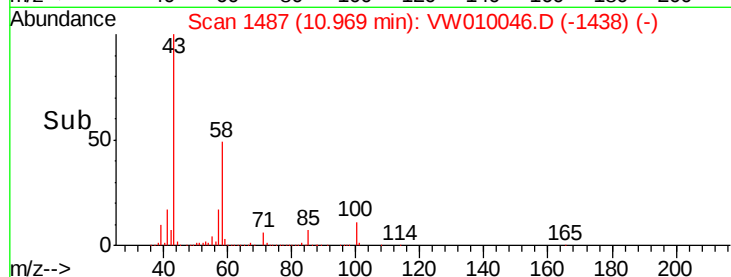
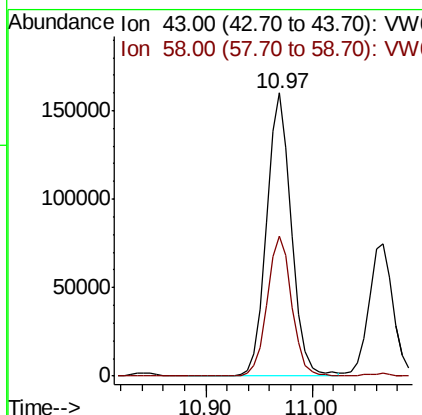
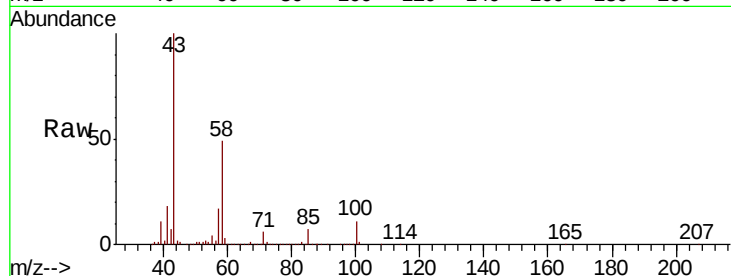




#59
2-Hexanone
Concen: 116.373 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

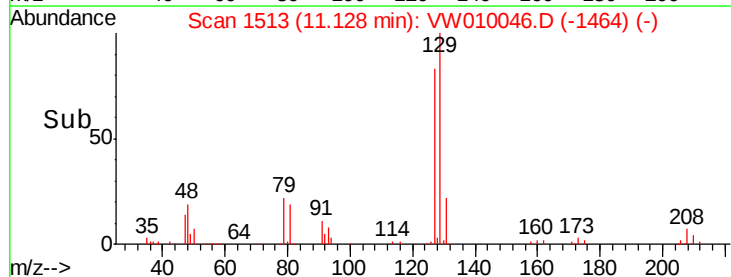
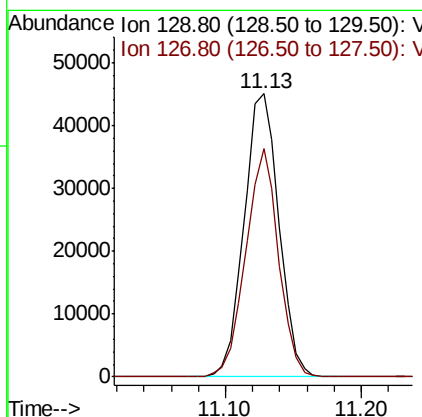
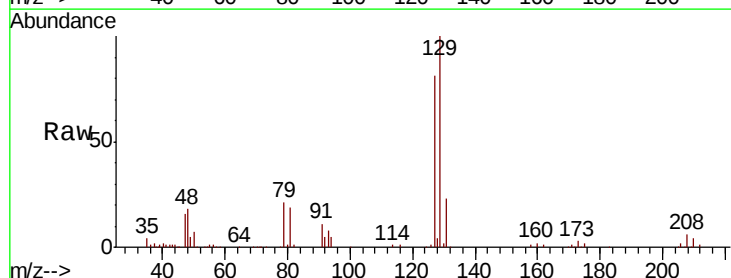
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

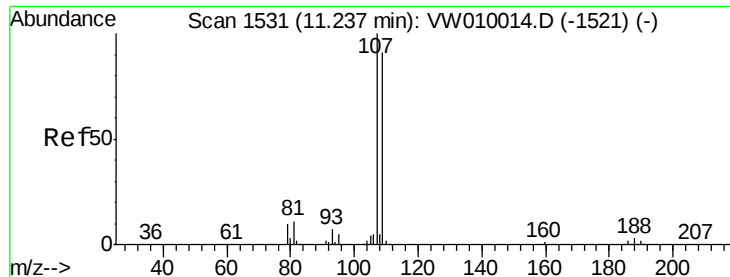
Tgt Ion: 43 Resp: 259464
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.7



#60
Dibromochloromethane
Concen: 20.943 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion: 129 Resp: 80824
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0

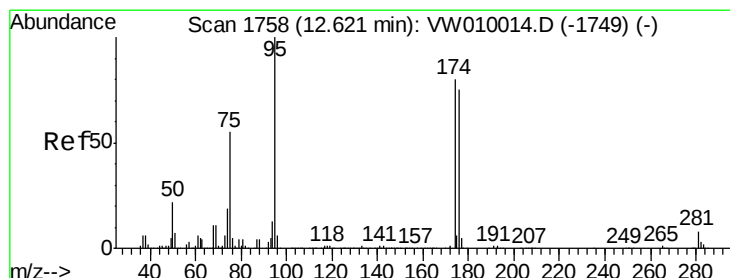
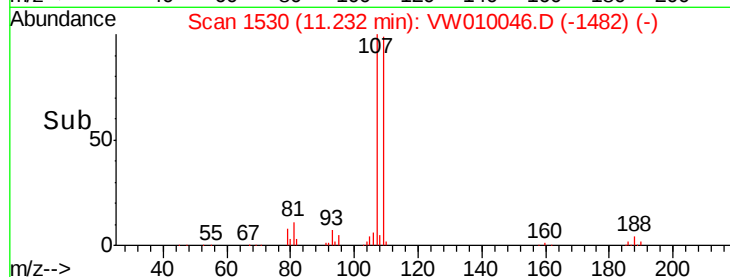
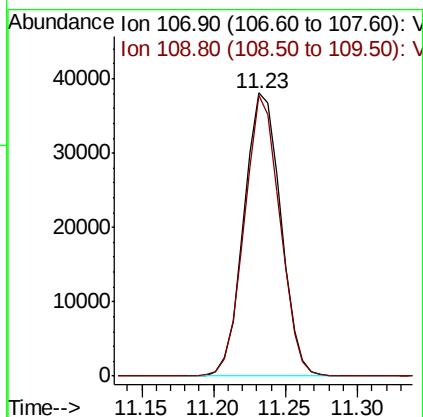
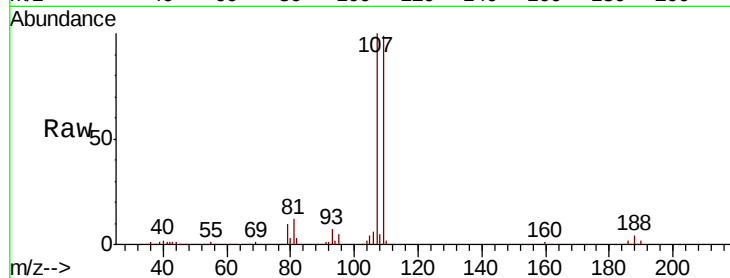




#61
 1,2-Dibromoethane
 Concen: 21.194 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

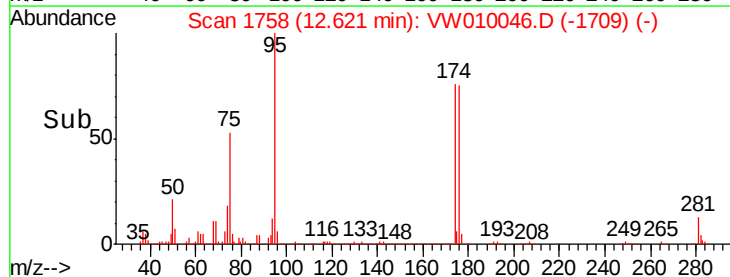
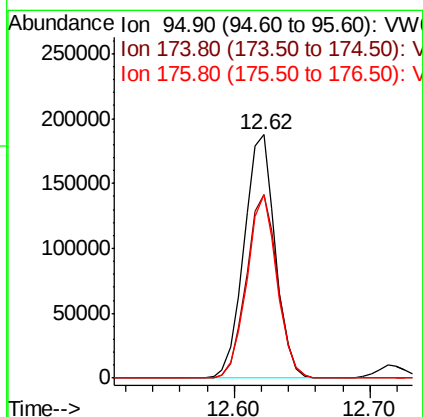
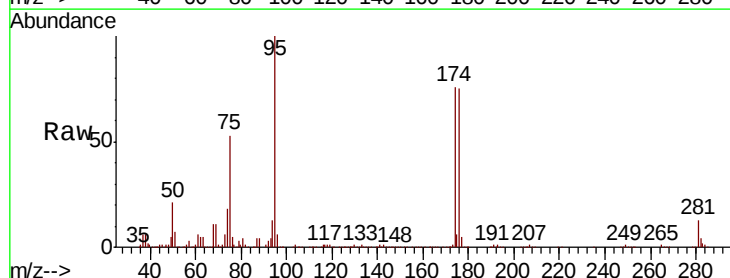
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

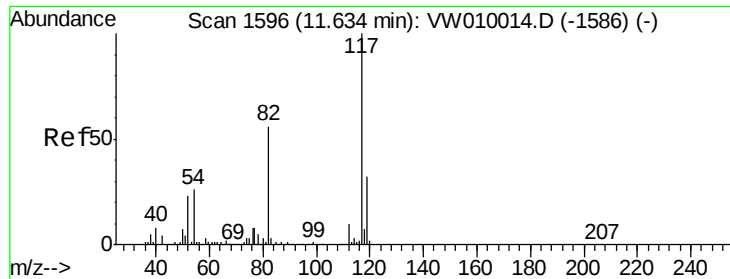
Tgt Ion: 107 Resp: 67320
 Ion Ratio Lower Upper
 107 100
 109 95.8 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 55.063 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion: 95 Resp: 299790
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 151.4
 176 72.9 0.0 146.2

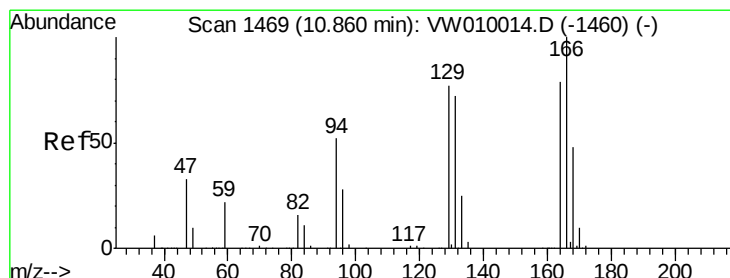
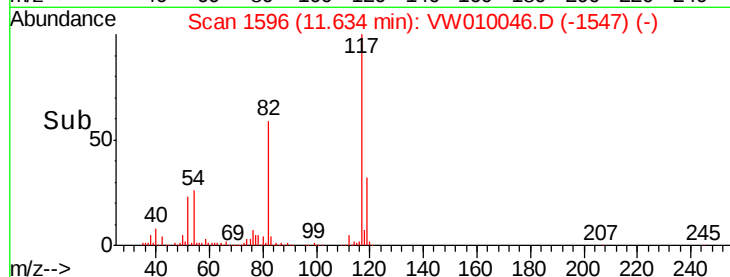
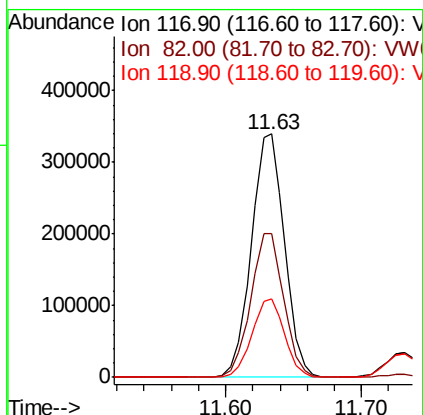
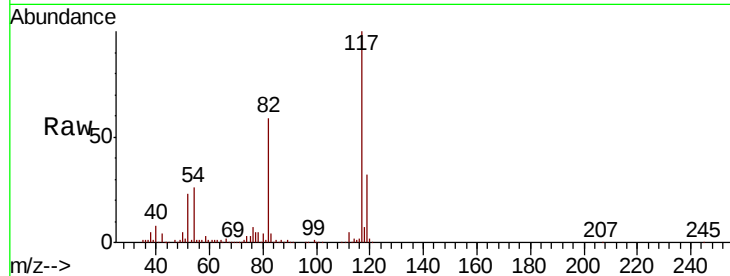




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

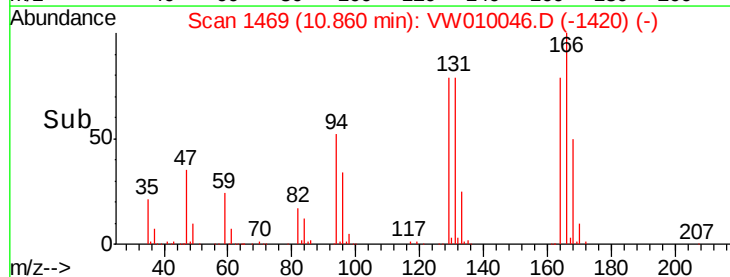
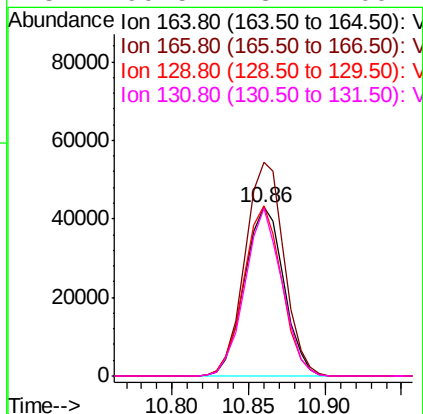
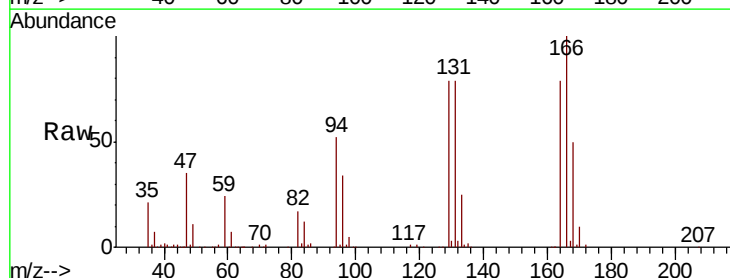
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

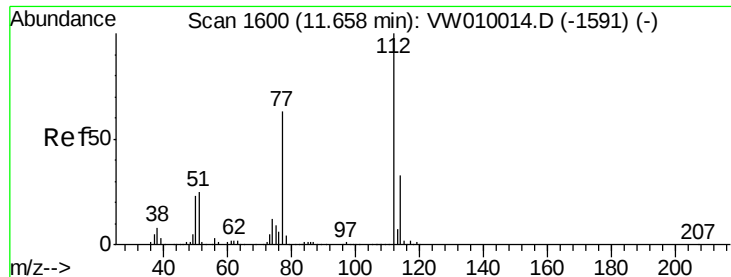
Tgt Ion:117 Resp: 577738
Ion Ratio Lower Upper
117 100
82 58.9 45.2 67.8
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 20.592 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion:164 Resp: 77230
Ion Ratio Lower Upper
164 100
166 126.4 101.2 151.8
129 100.5 77.8 116.6
131 99.5 73.1 109.7

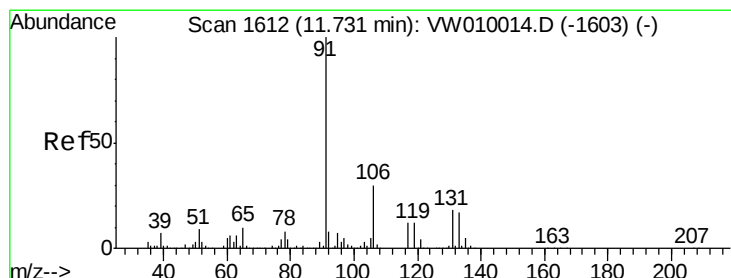
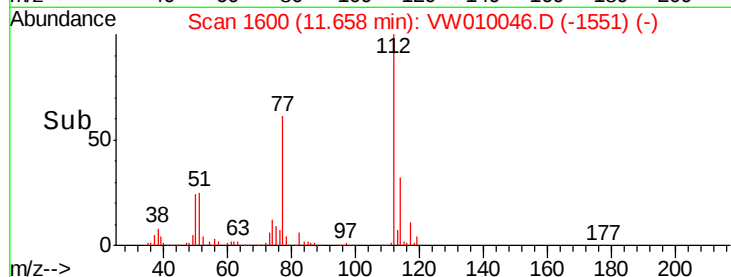
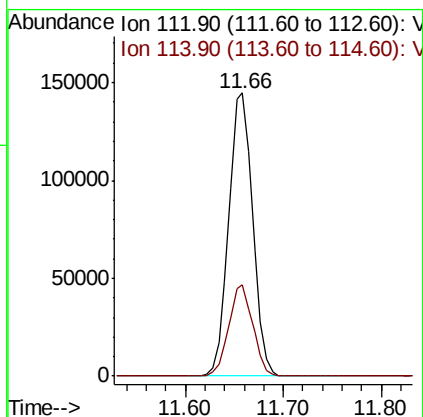
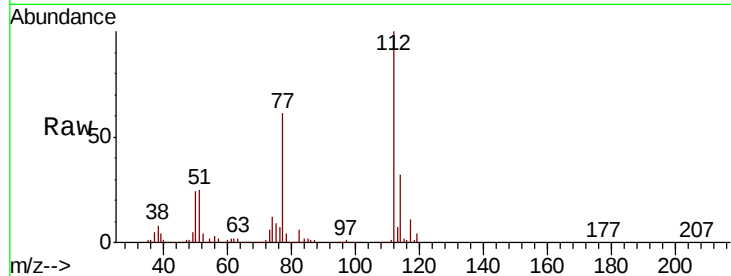




#65
Chlorobenzene
Concen: 20.805 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

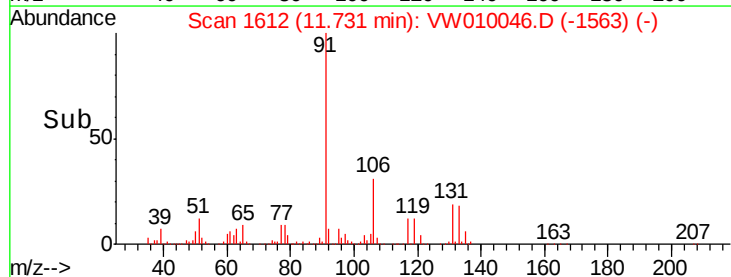
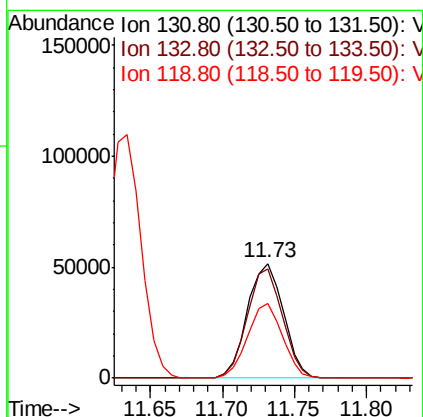
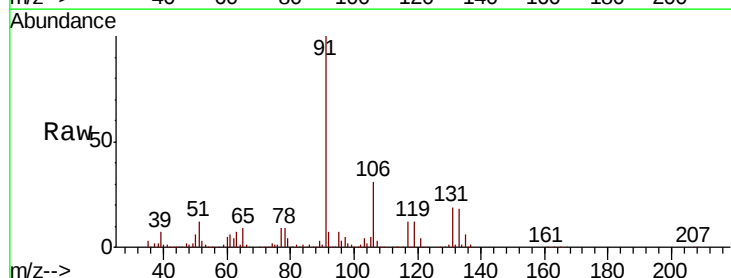
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

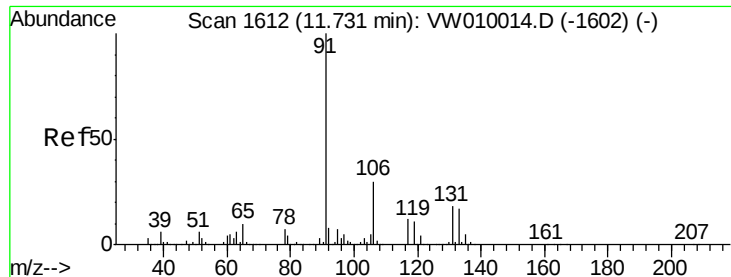
Tgt Ion:112 Resp: 246020
Ion Ratio Lower Upper
112 100
114 32.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.096 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion:131 Resp: 89209
Ion Ratio Lower Upper
131 100
133 93.6 46.5 139.5
119 63.3 31.9 95.5

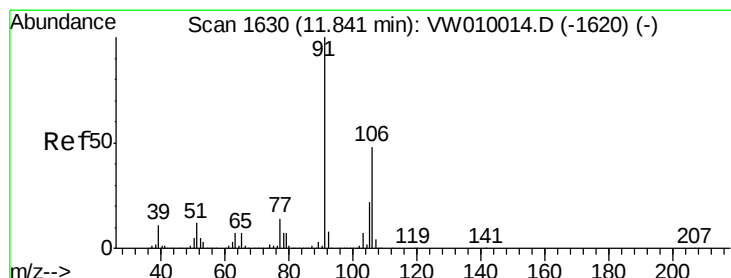
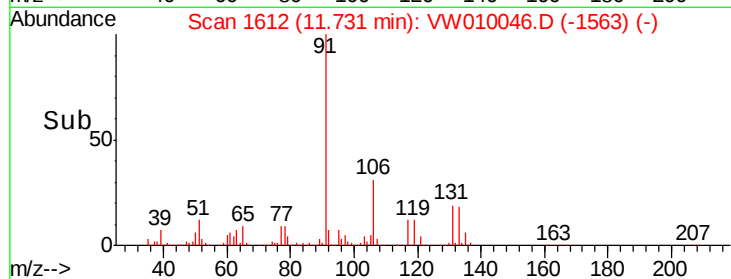
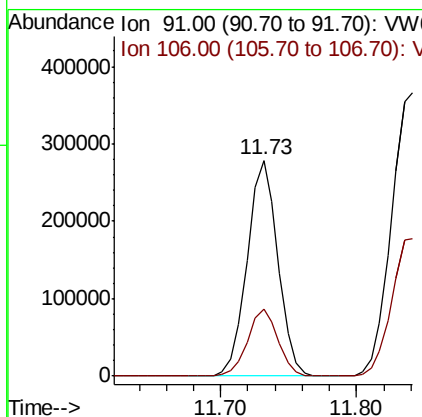
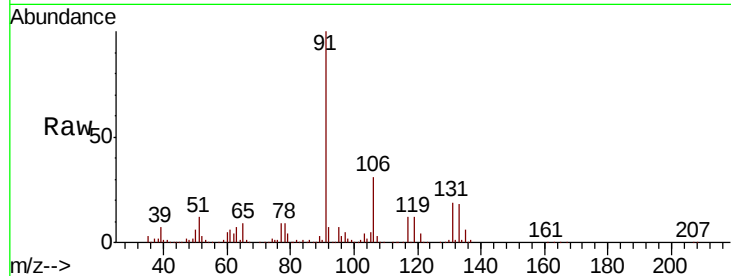




#67
Ethyl Benzene
Concen: 20.852 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

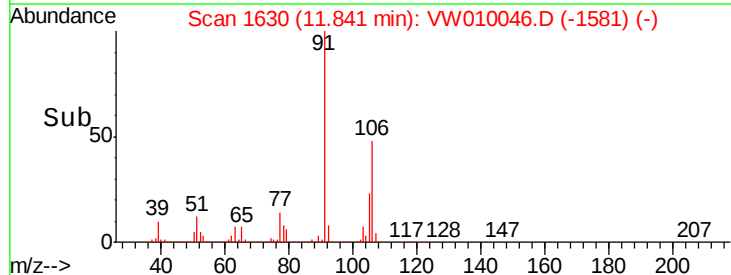
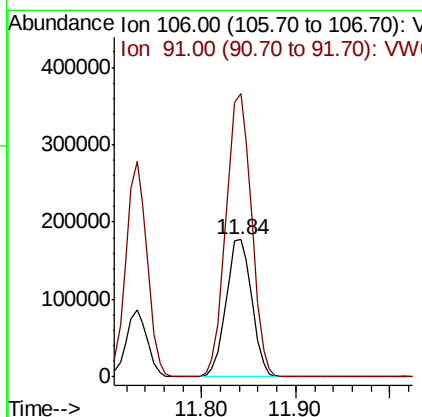
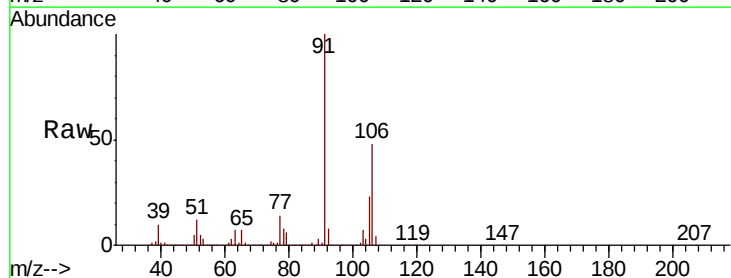
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

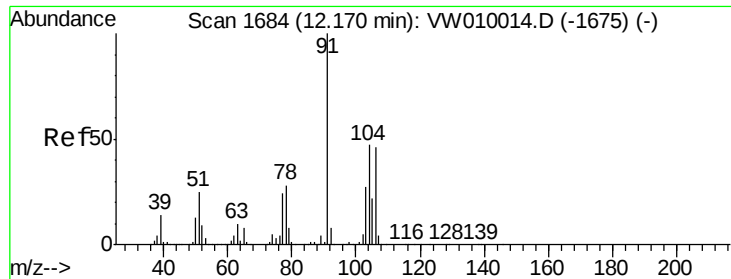
Tgt Ion: 91 Resp: 439931
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.8



#68
m/p-Xylenes
Concen: 42.491 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion: 106 Resp: 335097
Ion Ratio Lower Upper
106 100
91 205.9 165.0 247.6

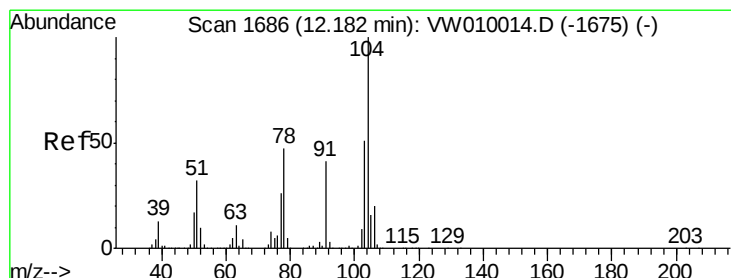
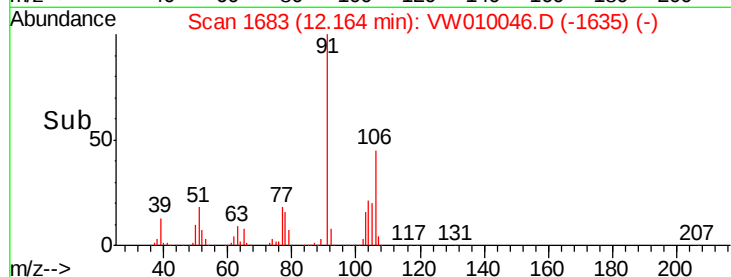
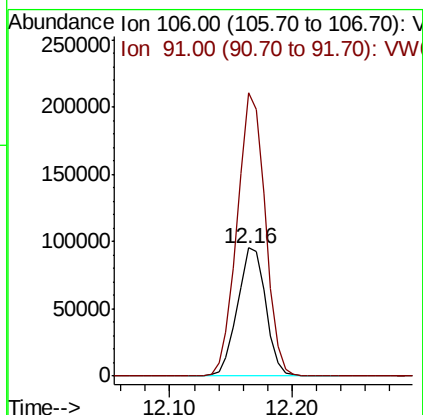
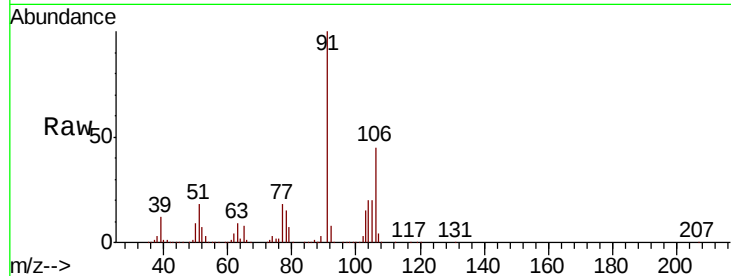




#69
o-Xylene
Concen: 21.301 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

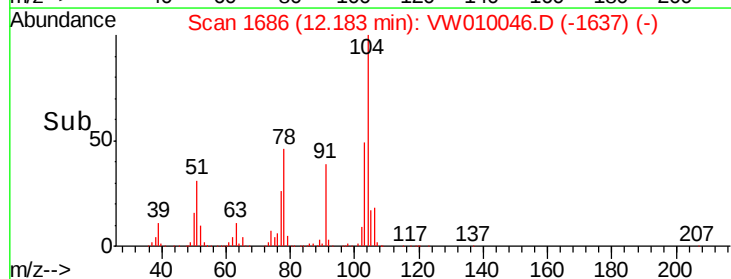
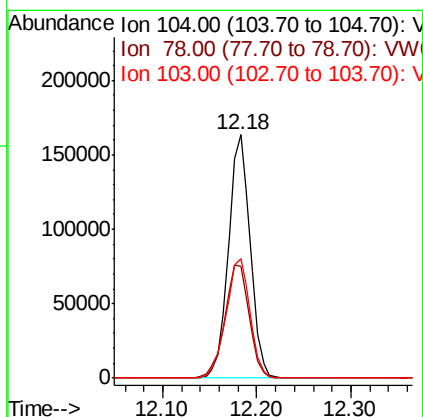
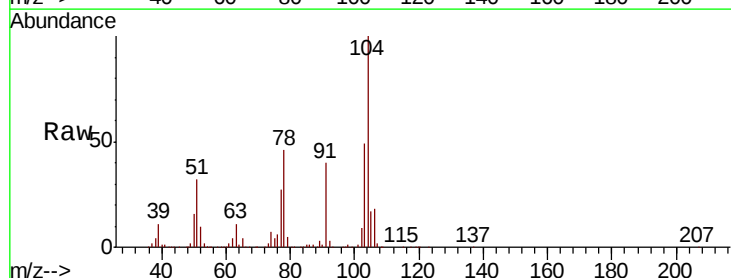
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

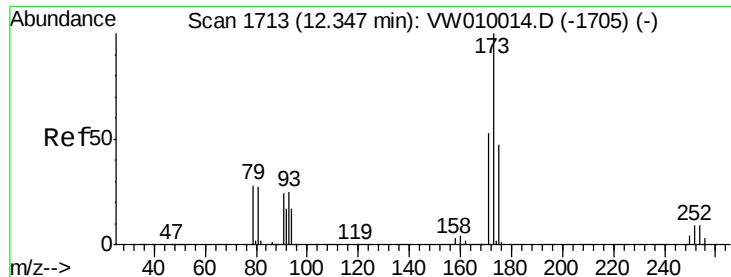
Tgt Ion:106 Resp: 152954
Ion Ratio Lower Upper
106 100
91 219.3 110.5 331.4



#70
Styrene
Concen: 21.071 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion:104 Resp: 260881
Ion Ratio Lower Upper
104 100
78 52.2 42.5 63.7
103 54.0 43.6 65.4

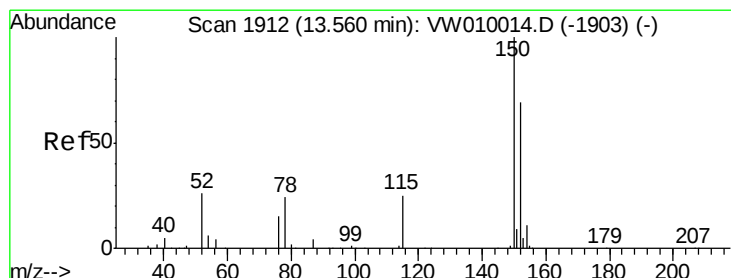
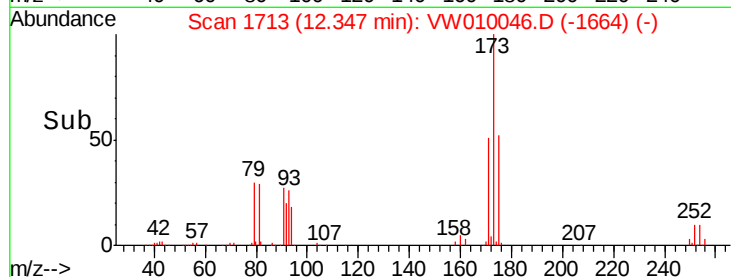
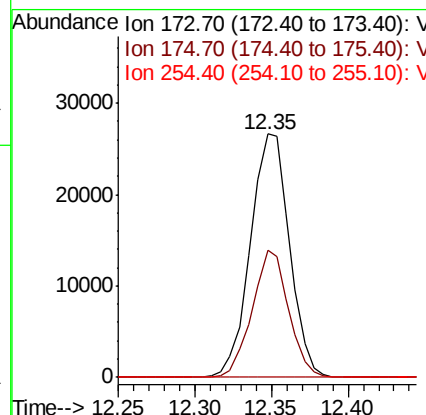
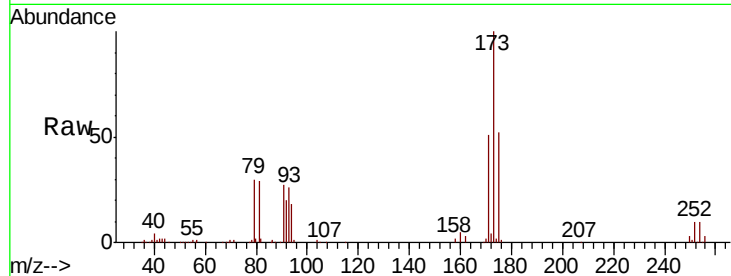




#71
Bromoform
Concen: 21.145 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

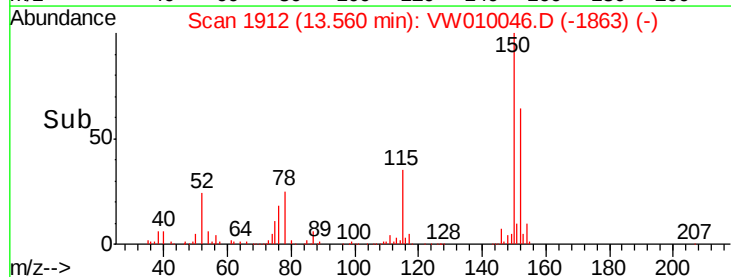
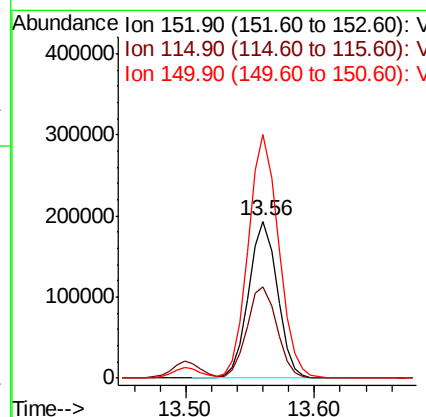
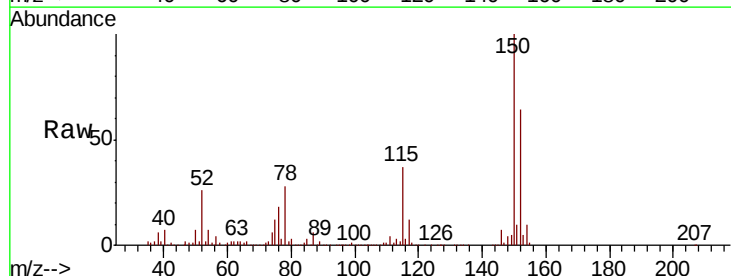
Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

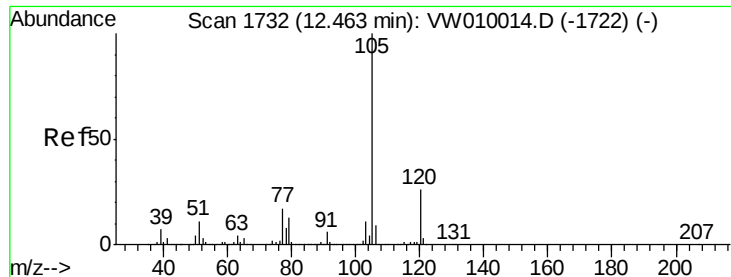
Tgt Ion:173 Resp: 47280
Ion Ratio Lower Upper
173 100
175 48.6 23.8 71.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010046.D
Acq: 18 Apr 2019 15:39

Tgt Ion:152 Resp: 297823
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.2
150 163.8 0.0 347.0





#73

Isopropylbenzene

Concen: 20.689 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

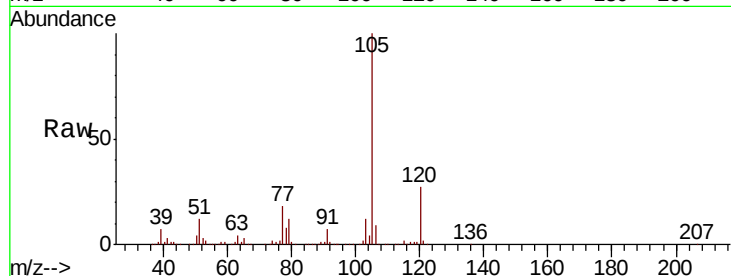
VW0418SBS01

Tgt Ion: 105 Resp: 428833

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

50000

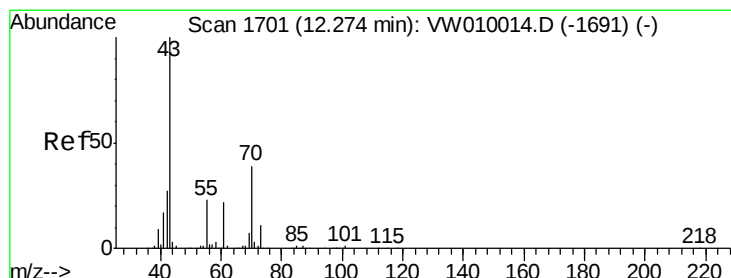
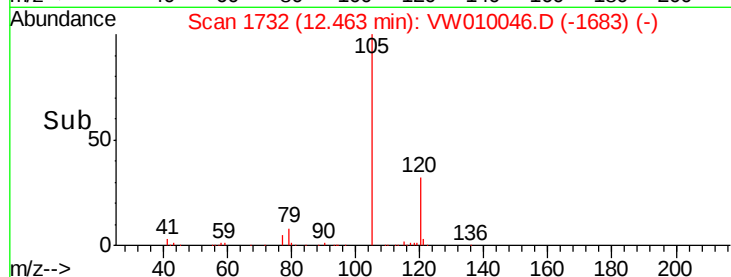
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 22.023 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Tgt Ion: 43 Resp: 126414

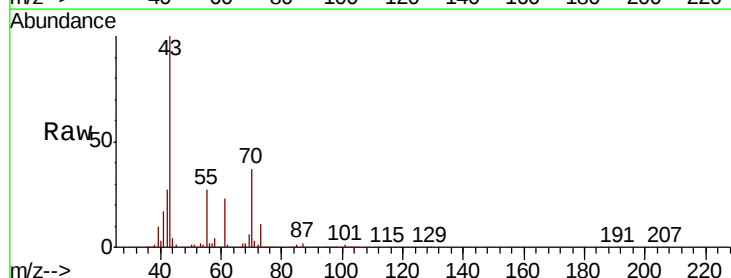
Ion Ratio Lower Upper

43 100

70 37.8 31.3 46.9

55 26.8 20.0 30.0

61 21.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

120000

100000

80000

60000

40000

20000

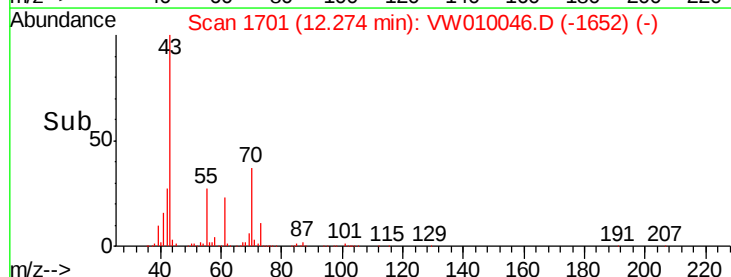
0

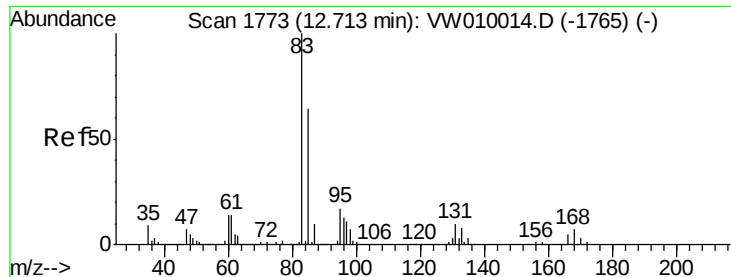
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.860 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

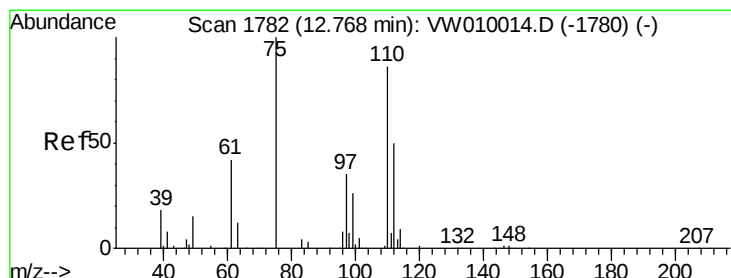
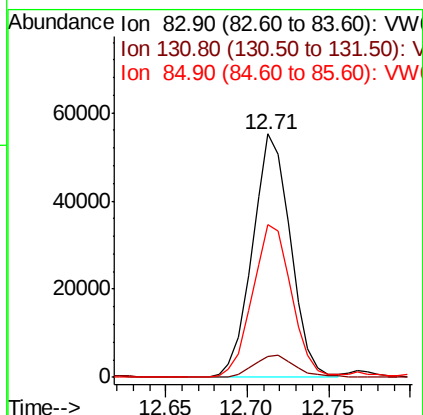
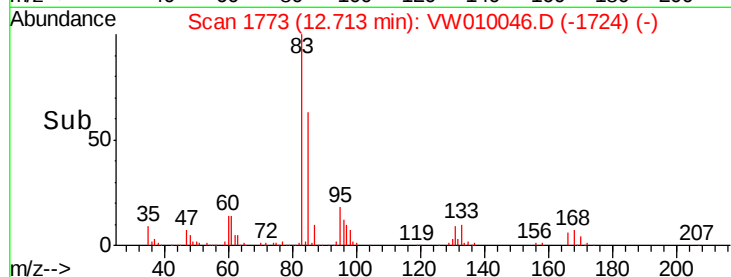
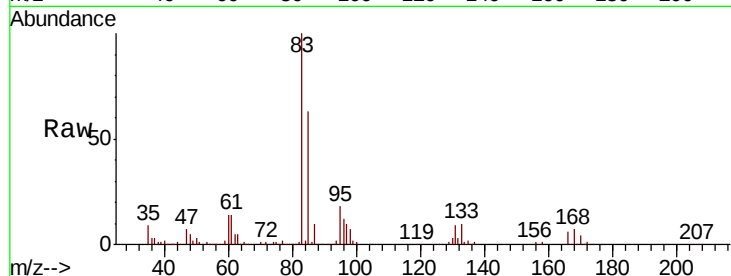
Tgt Ion: 83 Resp: 89522

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

85 64.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 40.195 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010046.D

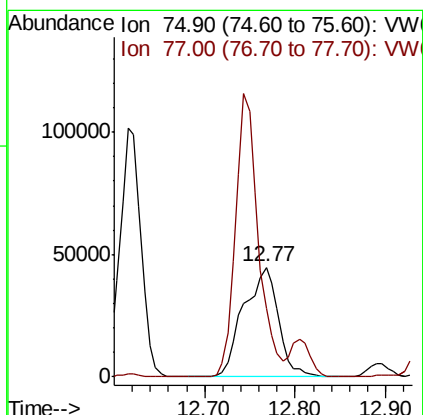
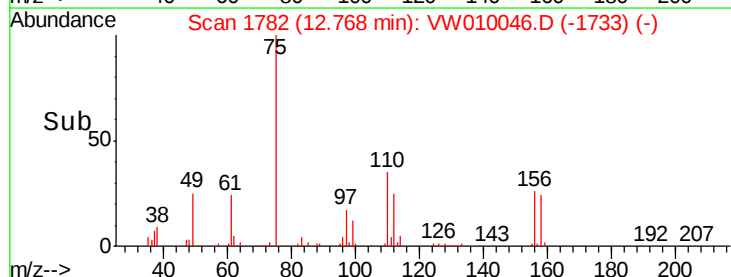
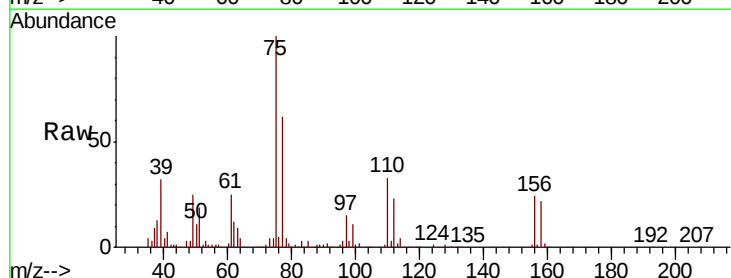
Acq: 18 Apr 2019 15:39

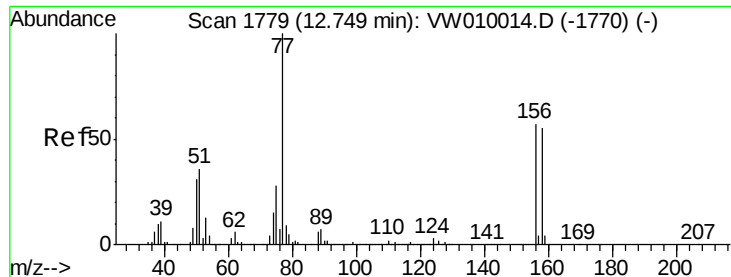
Tgt Ion: 75 Resp: 119812

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.693 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

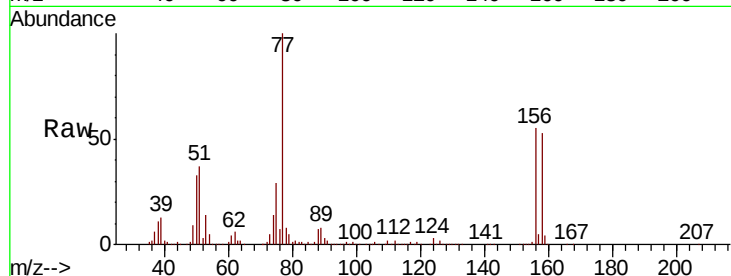
Tgt Ion:156 Resp: 98644

Ion Ratio Lower Upper

156 100

77 207.3 102.5 307.4

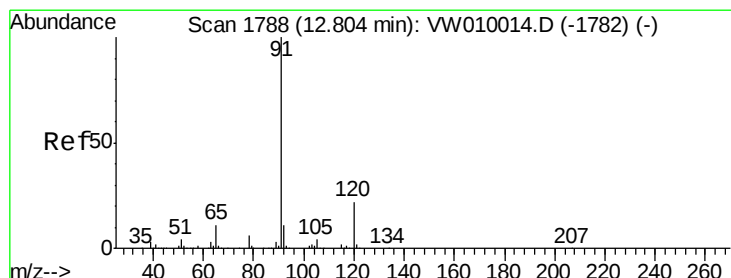
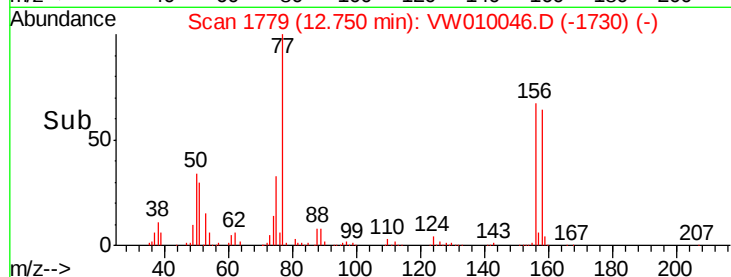
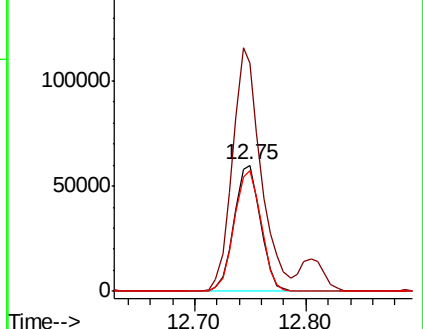
158 97.5 48.8 146.4



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: 21.333 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010046.D

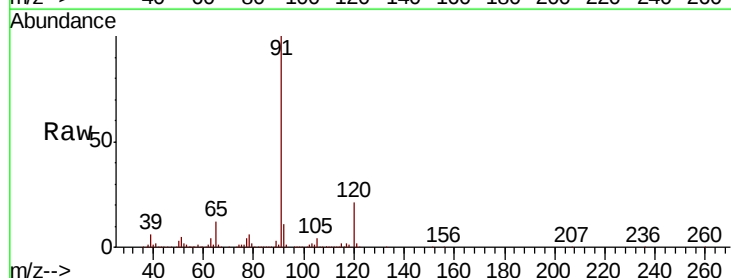
Acq: 18 Apr 2019 15:39

Tgt Ion: 91 Resp: 548033

Ion Ratio Lower Upper

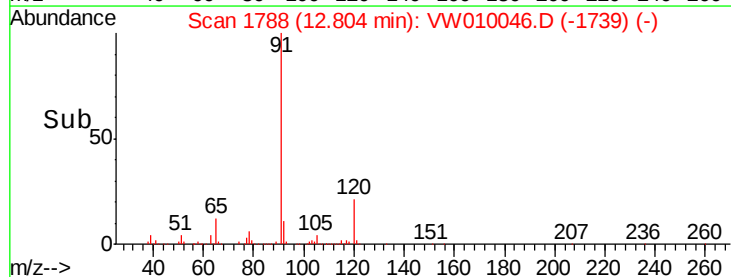
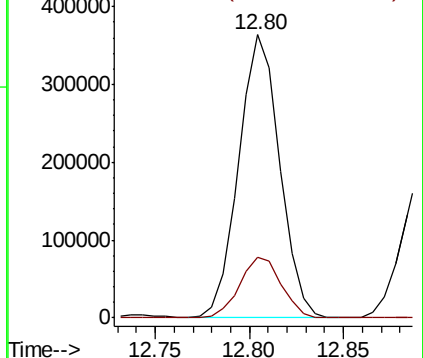
91 100

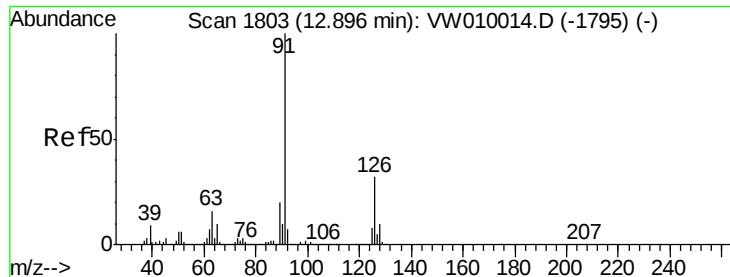
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

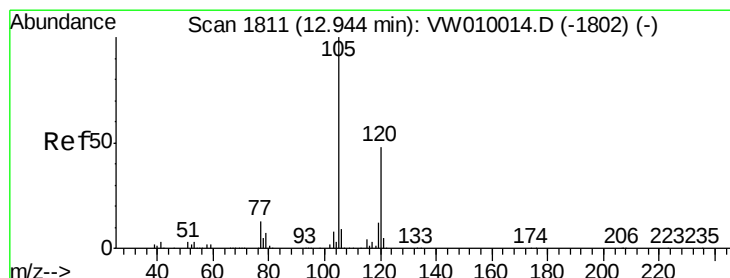
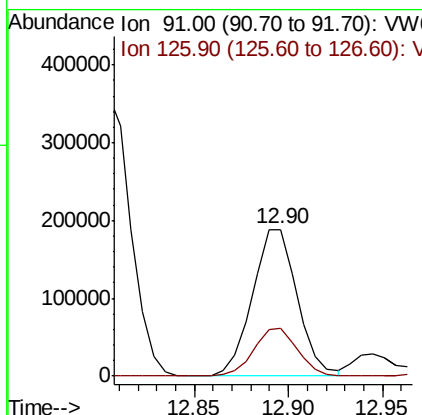
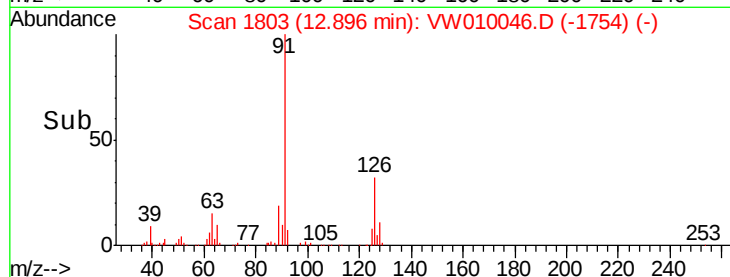
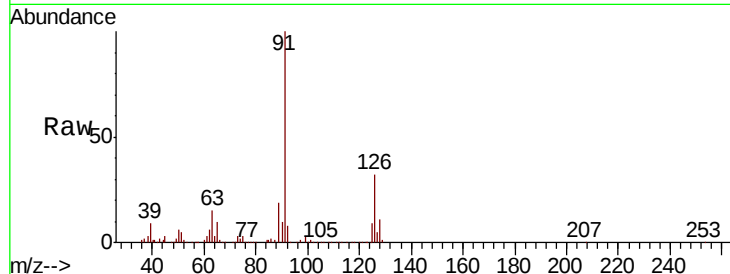




#79
 2-Chlorotoluene
 Concen: 21.031 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

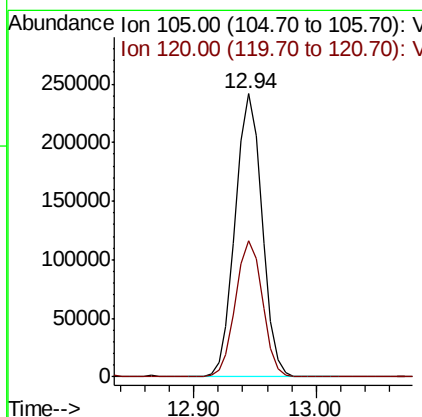
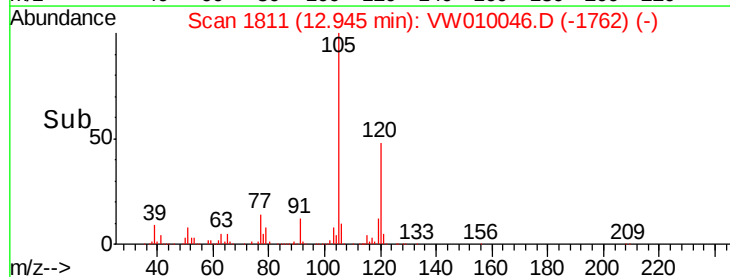
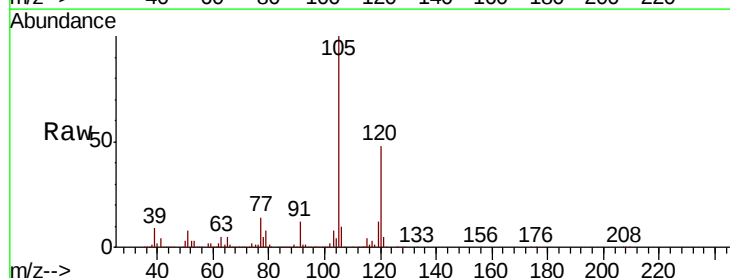
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

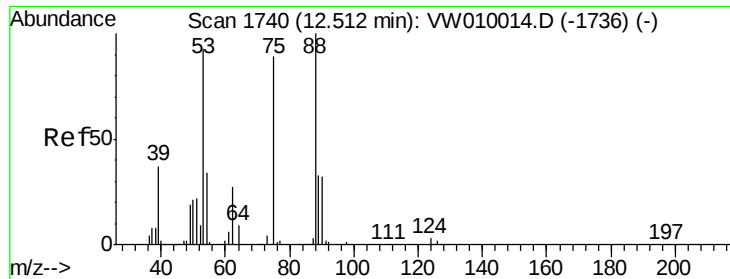
Tgt Ion: 91 Resp: 310732
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.854 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion: 105 Resp: 366506
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.717 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

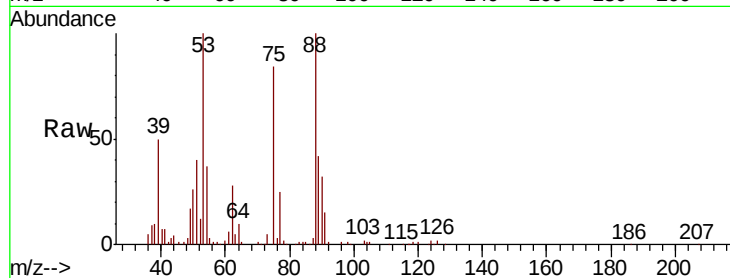
Tgt Ion: 75 Resp: 26189

Ion Ratio Lower Upper

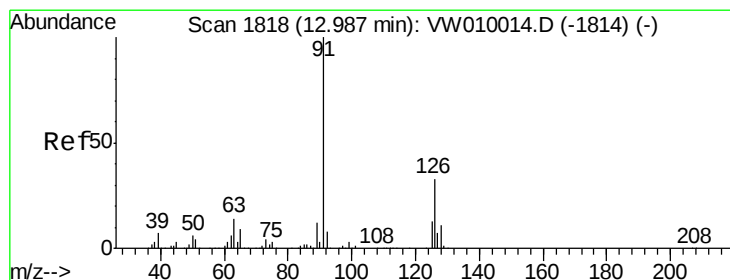
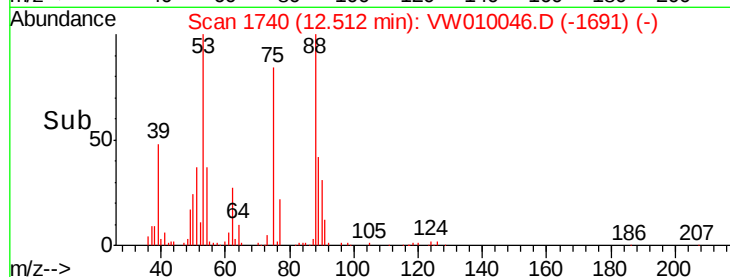
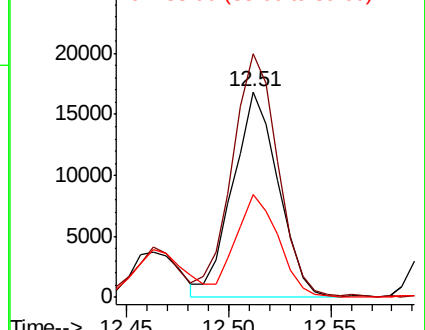
75 100

53 120.2 89.8 134.8

89 47.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.030 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW010046.D

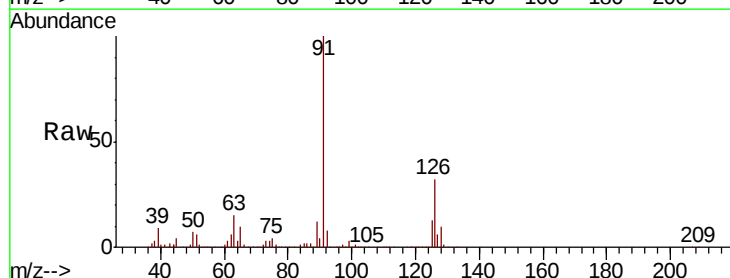
Acq: 18 Apr 2019 15:39

Tgt Ion: 91 Resp: 327009

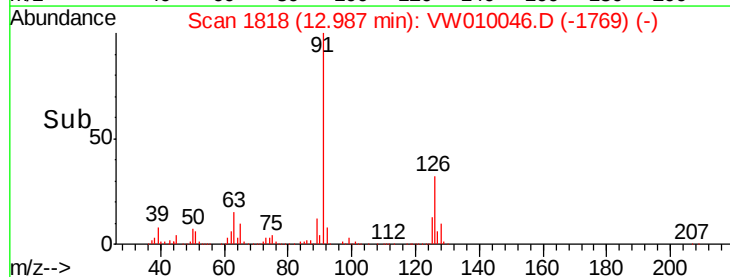
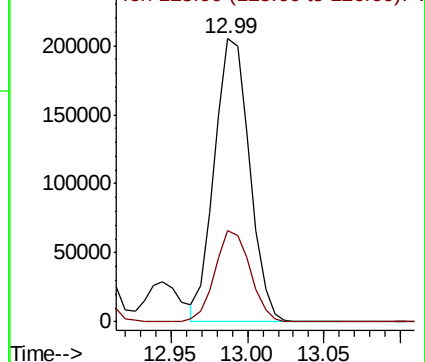
Ion Ratio Lower Upper

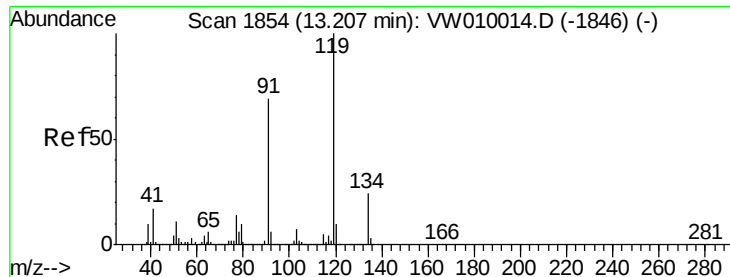
91 100

126 32.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

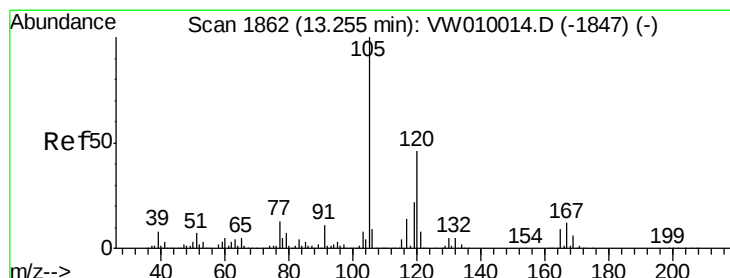
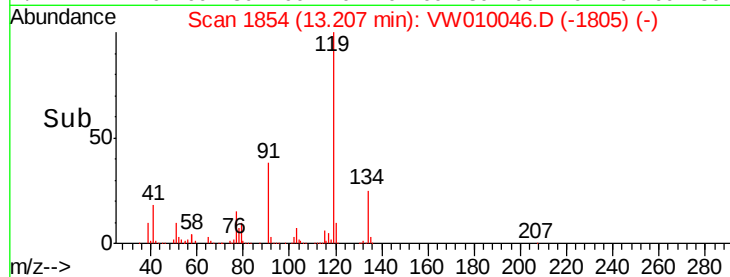
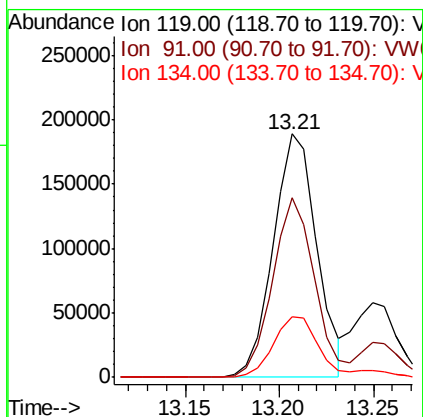
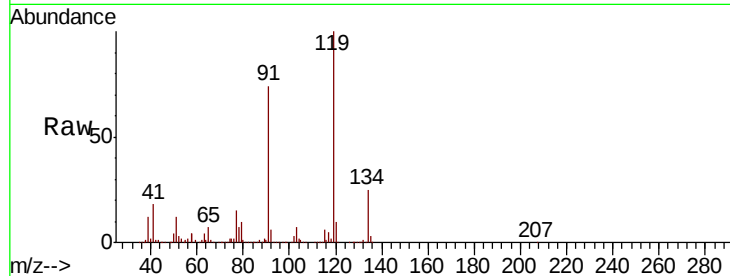




#83
 tert-Butylbenzene
 Concen: 20.810 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

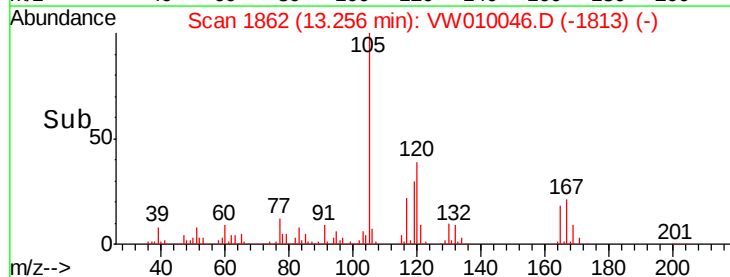
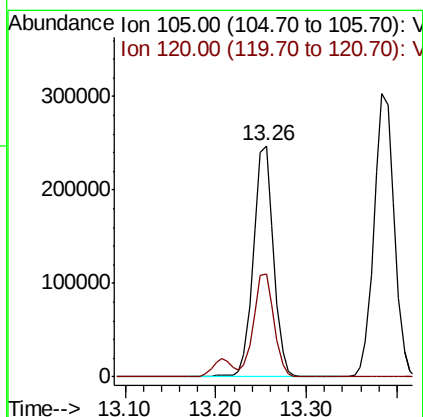
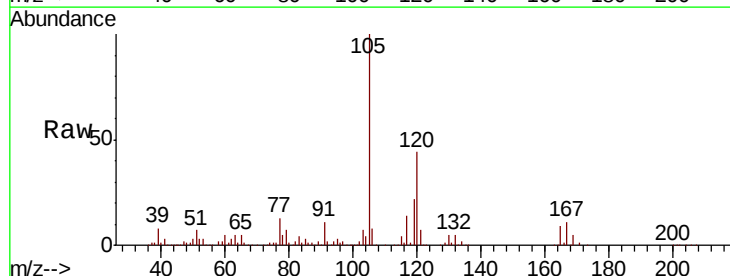
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

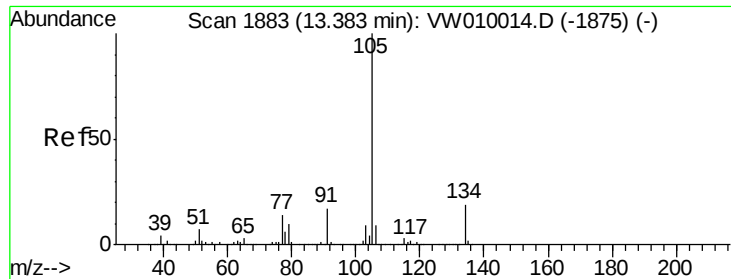
Tgt Ion:119 Resp: 302865
 Ion Ratio Lower Upper
 119 100
 91 71.4 34.8 104.4
 134 25.6 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.290 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion:105 Resp: 379355
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.474 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

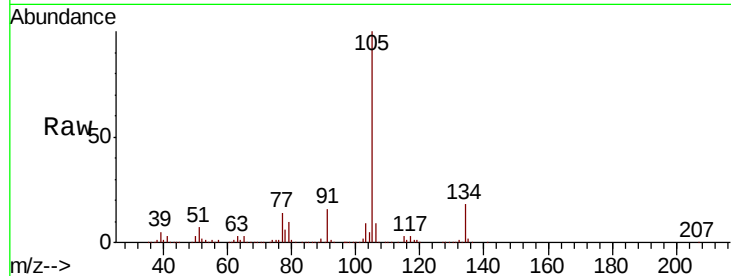
VW0418SBS01

Tgt Ion:105 Resp: 467034

Ion Ratio Lower Upper

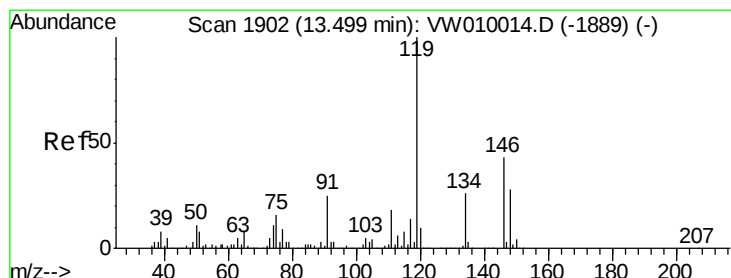
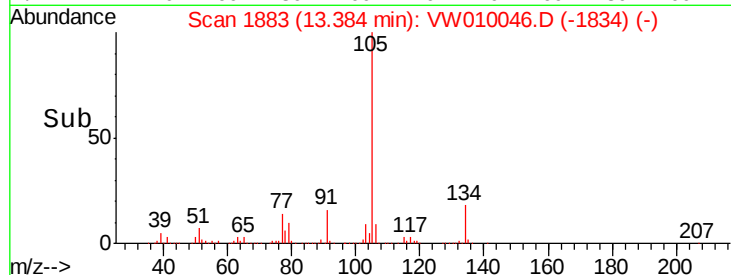
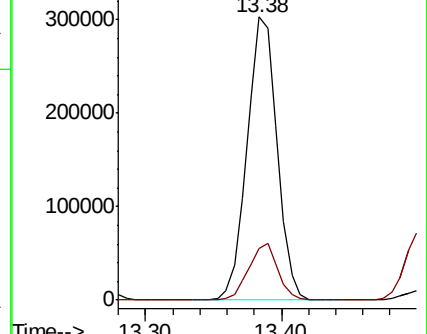
105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.937 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

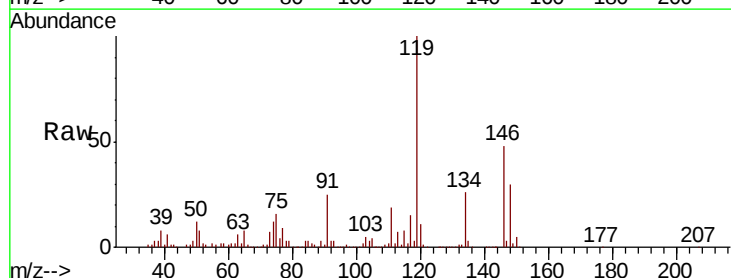
Tgt Ion:119 Resp: 401368

Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

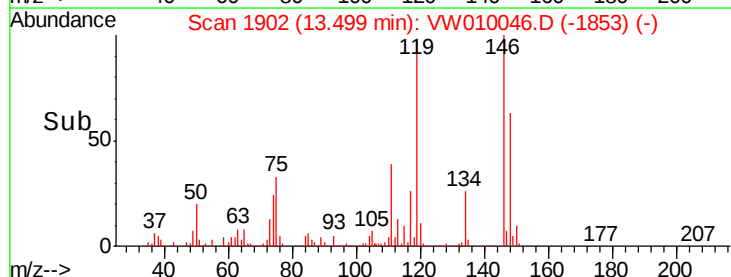
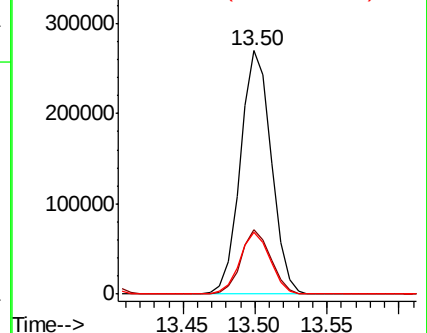
91 24.9 12.3 36.9

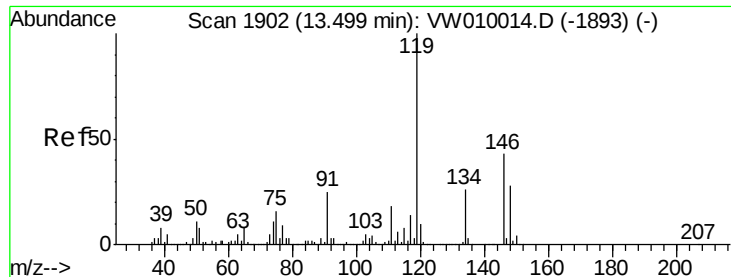


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.987 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

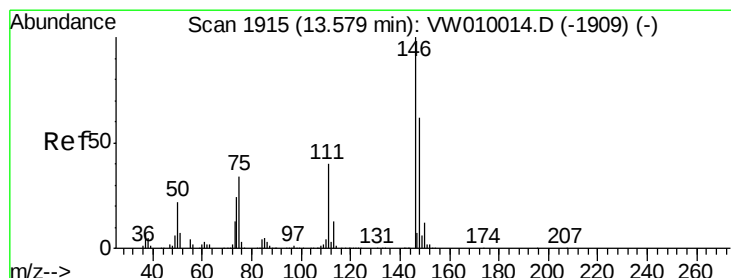
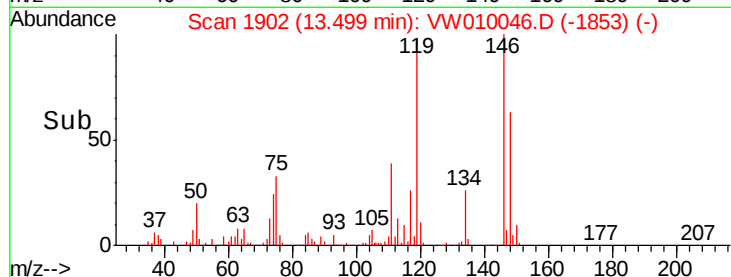
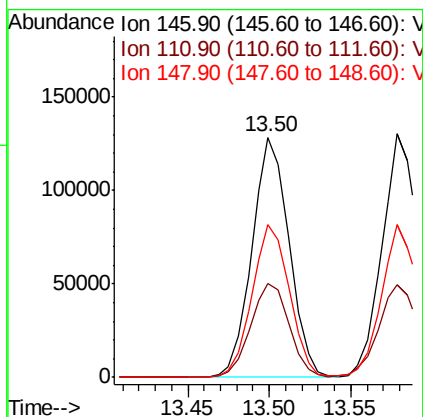
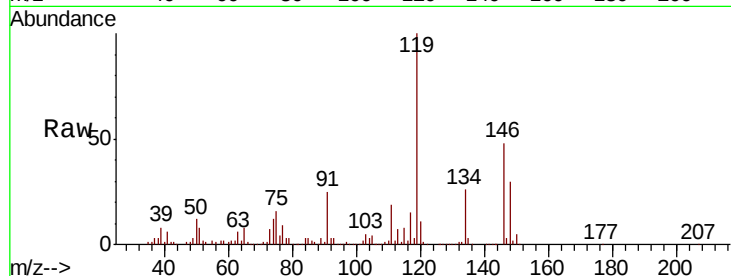
Tgt Ion:146 Resp: 202239

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 21.083 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

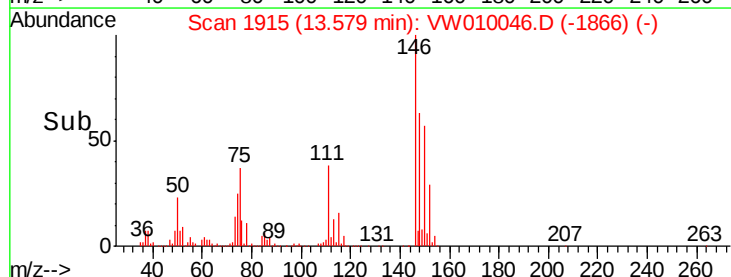
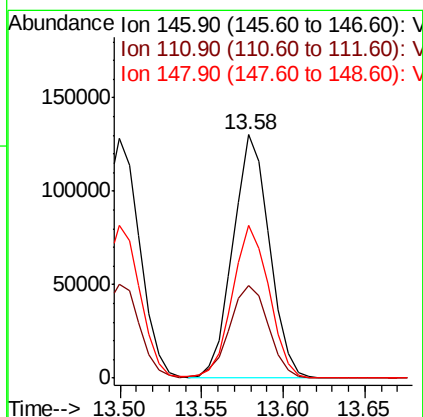
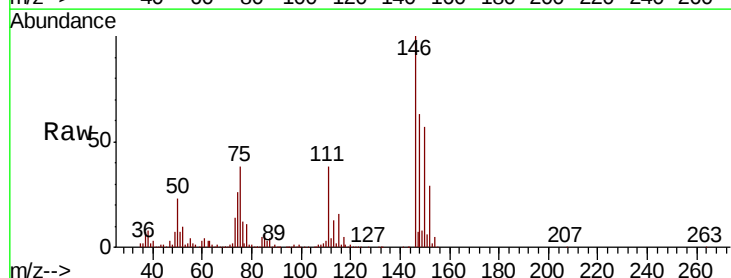
Tgt Ion:146 Resp: 202793

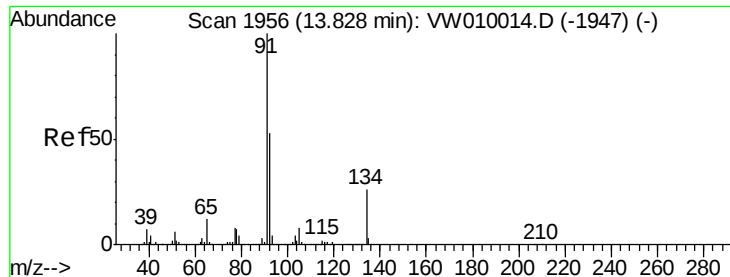
Ion Ratio Lower Upper

146 100

111 41.1 20.1 60.3

148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 21.009 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

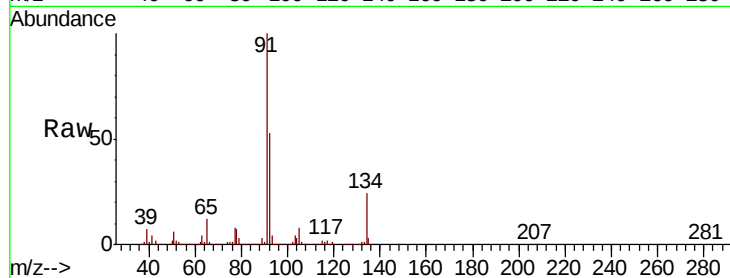
Tgt Ion: 91 Resp: 399000

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.4

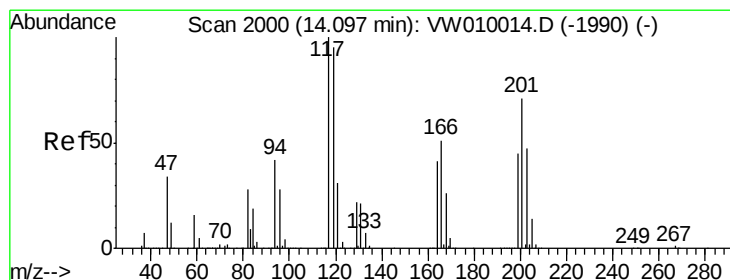
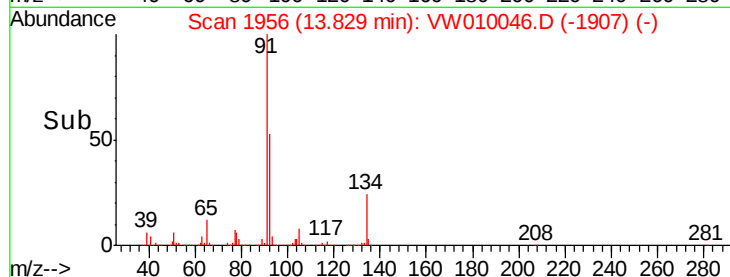
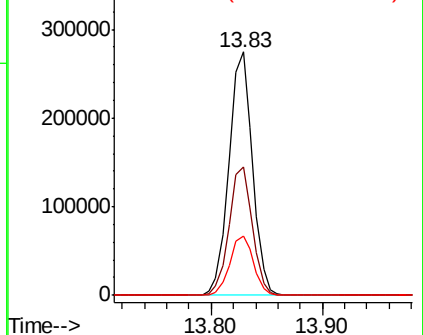
134 24.8 12.4 37.0



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: 20.554 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010046.D

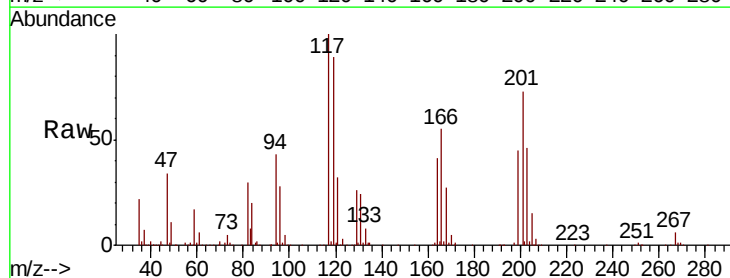
Acq: 18 Apr 2019 15:39

Tgt Ion: 117 Resp: 75467

Ion Ratio Lower Upper

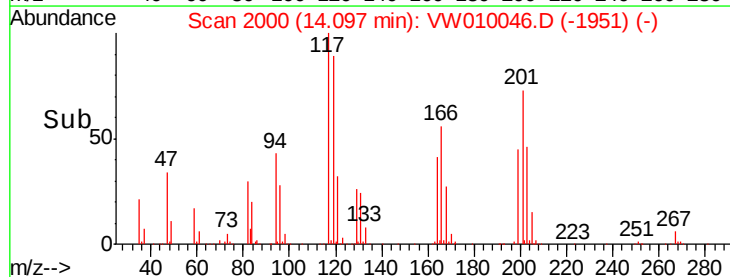
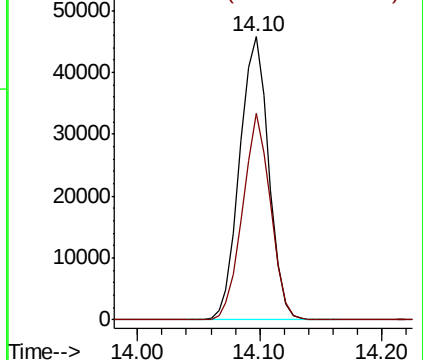
117 100

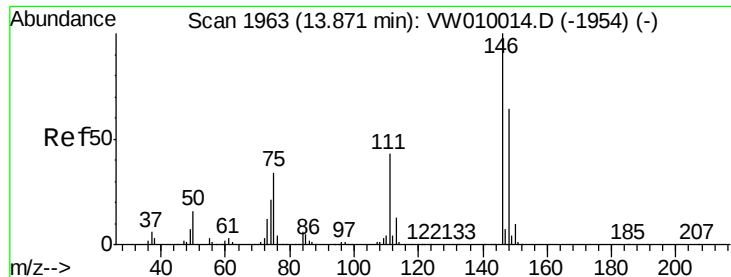
201 70.1 36.1 108.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.223 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

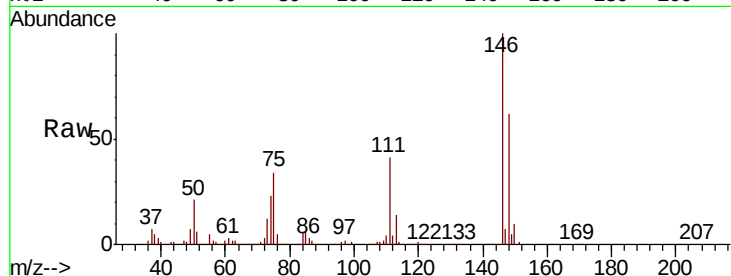
Tgt Ion:146 Resp: 183375

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.8

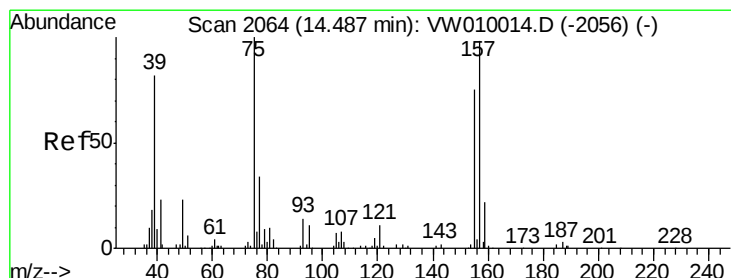
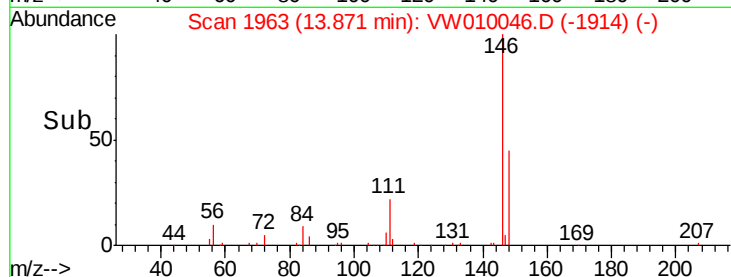
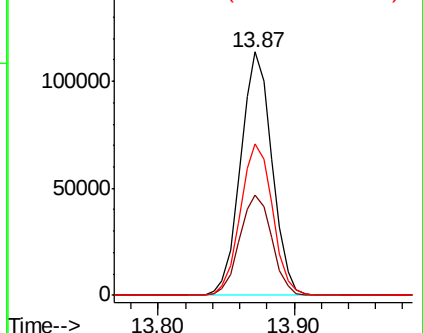
148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.842 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

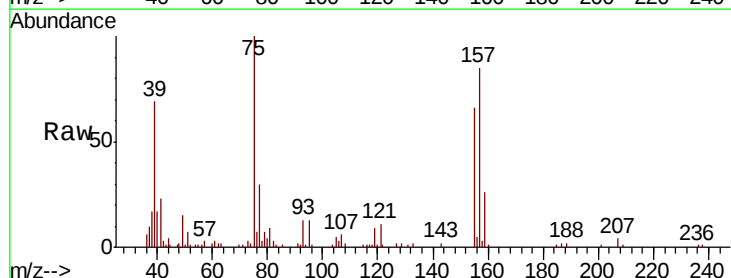
Tgt Ion: 75 Resp: 16007

Ion Ratio Lower Upper

75 100

155 71.9 37.1 111.5

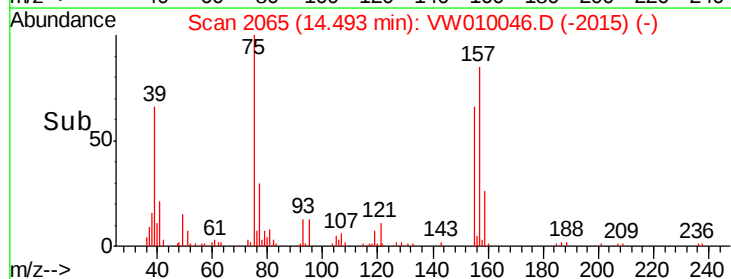
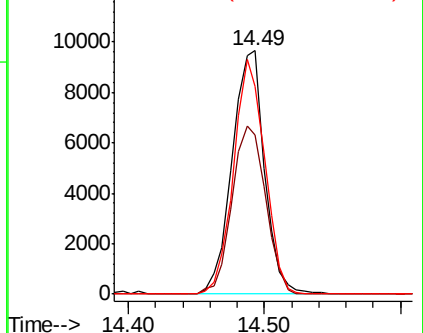
157 92.9 47.3 141.9

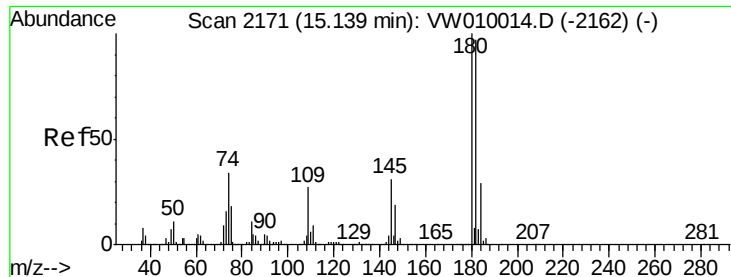


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

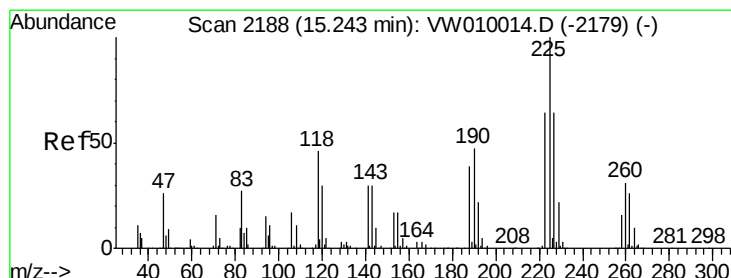
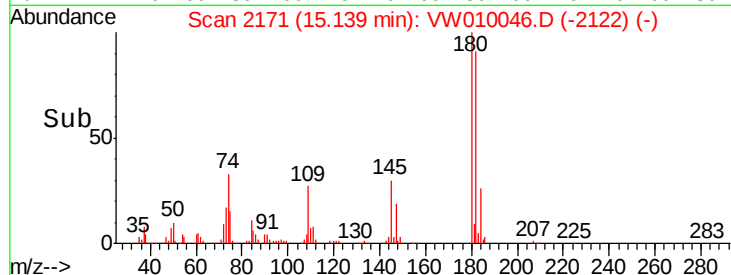
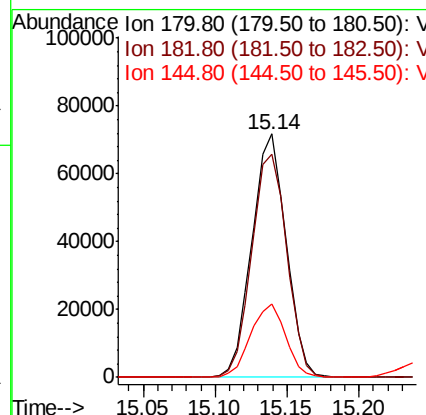
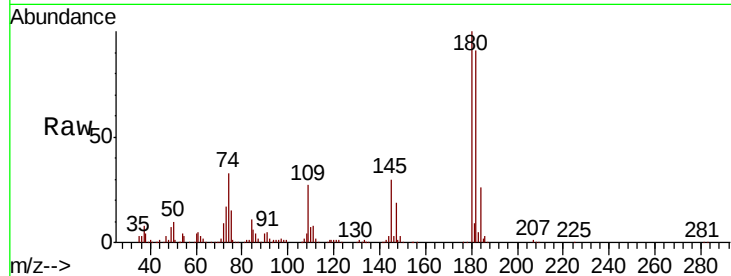




#93
 1,2,4-Trichlorobenzene
 Concen: 20.678 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

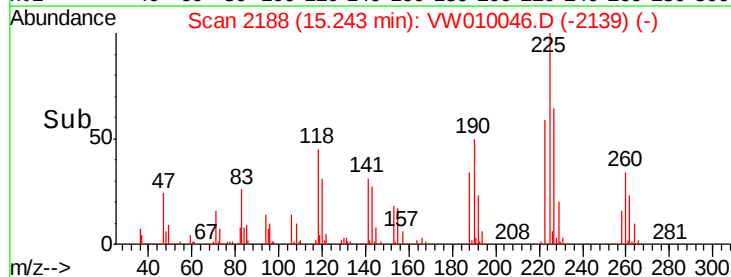
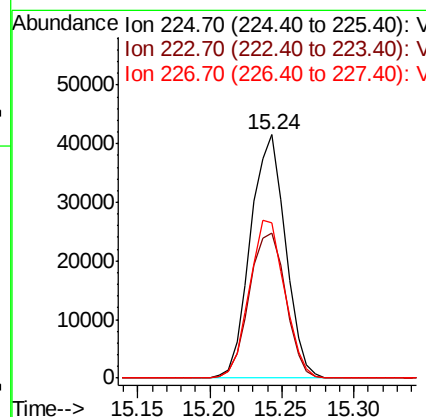
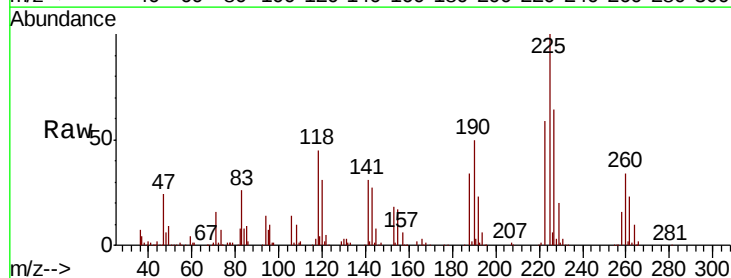
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

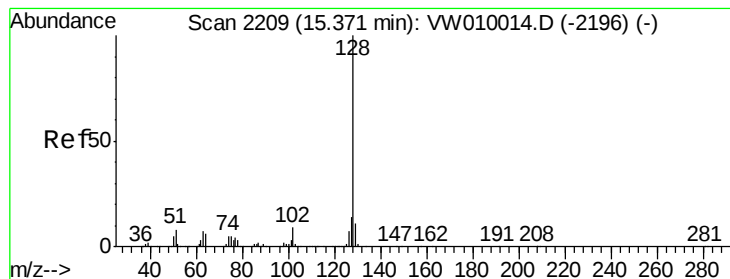
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.4
145	30.8	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 20.073 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010046.D
 Acq: 18 Apr 2019 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.9	95.5
227	65.8	31.8	95.3





#95

Naphthalene

Concen: 21.151 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

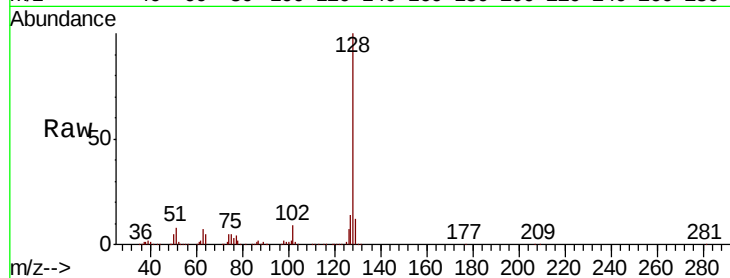
Tgt Ion:128 Resp: 221169

Ion Ratio Lower Upper

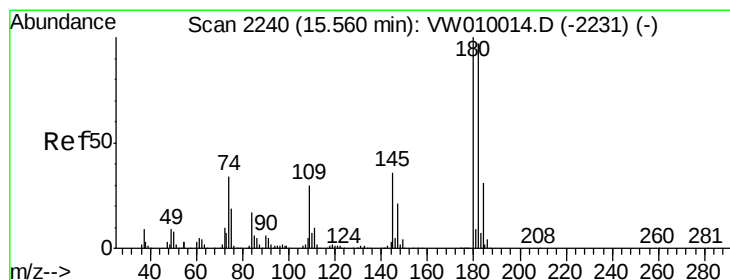
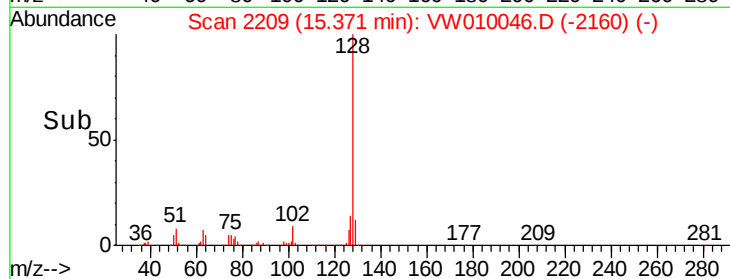
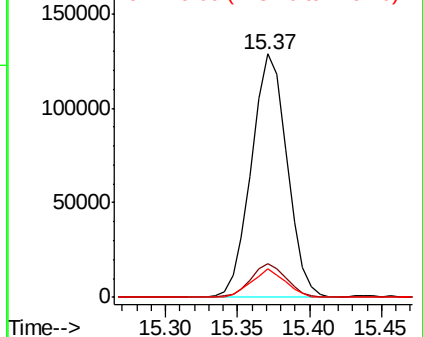
128 100

127 13.9 10.6 15.8

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.308 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010046.D

Acq: 18 Apr 2019 15:39

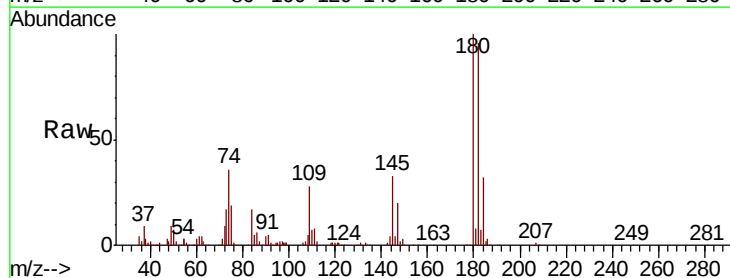
Tgt Ion:180 Resp: 105381

Ion Ratio Lower Upper

180 100

182 96.8 47.8 143.3

145 32.8 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

