

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005683.D
 Acq On : 27 Sep 2018 06:11
 Operator : VA/AP
 Sample : VW092618SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

Quant Time: Sep 27 07:53:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	369413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130386	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	7.89	113	113241	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	10.33	98	474421	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	177125	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28511	18.220	ug/l	99
3) Chloromethane	2.21	50	34904	18.587	ug/l	100
4) Vinyl Chloride	2.37	62	52142	23.229	ug/l	100
5) Bromomethane	2.78	94	32884	21.678	ug/l	98
6) Chloroethane	2.93	64	30897	21.451	ug/l	97
7) Trichlorofluoromethane	3.26	101	31103	17.716	ug/l	99
8) Diethyl Ether	3.68	74	26486	23.095	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48256	21.714	ug/l	100
10) Methyl Iodide	4.27	142	76808	22.473	ug/l	97
11) Tert butyl alcohol	5.23	59	16661	115.979	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	48107	22.611	ug/l	99
13) Acrolein	3.90	56	9457	86.667	ug/l	97
14) Allyl chloride	4.67	41	82840	22.310	ug/l	97
15) Acrylonitrile	5.38	53	53472	105.015	ug/l	98
16) Acetone	4.14	43	46468	101.809	ug/l	95
17) Carbon Disulfide	4.38	76	145201	21.843	ug/l	100
18) Methyl Acetate	4.68	43	28253	21.660	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	72353	22.032	ug/l	97
20) Methylene Chloride	4.91	84	62359	24.891	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	51253	21.994	ug/l	98
22) Diisopropyl ether	6.31	45	161074	22.346	ug/l	94
23) Vinyl Acetate	6.26	43	426287	103.470	ug/l	98
24) 1,1-Dichloroethane	6.21	63	97163	21.818	ug/l	98
25) 2-Butanone	7.18	43	69397	103.822	ug/l	99
26) 2,2-Dichloropropane	7.17	77	58302	18.752	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57532	22.383	ug/l	99
28) Bromochloromethane	7.51	49	37356	21.176	ug/l #	12
29) Tetrahydrofuran	7.54	42	44013	105.398	ug/l	99
30) Chloroform	7.68	83	101219	22.015	ug/l	99
31) Cyclohexane	7.96	56	86945	20.378	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	84470	20.797	ug/l	98
36) 1,1-Dichloropropene	8.09	75	77469	20.832	ug/l	100
37) Ethyl Acetate	7.26	43	31012	19.817	ug/l	99
38) Carbon Tetrachloride	8.07	117	79100	19.850	ug/l	93

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 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88153	20.092	ug/l	97
40) Benzene	8.33	78	223691	21.230	ug/l	98
41) Methacrylonitrile	7.49	41	19551	21.954	ug/l	94
42) 1,2-Dichloroethane	8.40	62	68079	20.181	ug/l	99
43) Isopropyl Acetate	8.43	43	61377	19.948	ug/l	99
44) Trichloroethene	9.10	130	56641	21.002	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53965	20.818	ug/l	98
46) Dibromomethane	9.46	93	26571	20.515	ug/l	100
47) Bromodichloromethane	9.65	83	70574	20.284	ug/l	99
48) Methyl methacrylate	9.45	41	28968	19.822	ug/l	96
49) 1,4-Dioxane	9.48	88	9157	444.691	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	157416	101.580	ug/l	99
52) Toluene	10.39	92	142379	21.657	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	70145	20.111	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	80970	20.719	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39383	21.421	ug/l	96
56) Ethyl methacrylate	10.65	69	46946	20.685	ug/l	97
57) 1,3-Dichloropropane	10.94	76	69143	21.220	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	104477	101.553	ug/l	99
59) 2-Hexanone	10.98	43	104760	99.512	ug/l	100
60) Dibromochloromethane	11.13	129	44755	20.147	ug/l	96
61) 1,2-Dibromoethane	11.24	107	36717	21.420	ug/l	98
64) Tetrachloroethene	10.87	164	55404	22.285	ug/l	97
65) Chlorobenzene	11.66	112	156171	21.001	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	54769	20.464	ug/l	99
67) Ethyl Benzene	11.74	91	275660	20.884	ug/l	100
68) m/p-Xylenes	11.85	106	211561	42.424	ug/l	100
69) o-Xylene	12.17	106	98275	21.042	ug/l	99
70) Styrene	12.19	104	165718	21.085	ug/l	99
71) Bromoform	12.35	173	28382	19.978	ug/l #	100
73) Isopropylbenzene	12.47	105	279241	21.587	ug/l	100
74) N-amyl acetate	12.28	43	58519	19.978	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	45759	21.296	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	61242	38.515	ug/l #	100
77) Bromobenzene	12.75	156	65820	21.709	ug/l	98
78) n-propylbenzene	12.81	91	331405	21.161	ug/l	98
79) 2-Chlorotoluene	12.90	91	193417	21.346	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	236519	21.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13458	19.063	ug/l	95
82) 4-Chlorotoluene	12.99	91	210705	22.009	ug/l	98
83) tert-Butylbenzene	13.21	119	201243	21.296	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	250735	22.089	ug/l	100
85) sec-Butylbenzene	13.39	105	284537	20.761	ug/l	100
86) p-Isopropyltoluene	13.51	119	263274	21.431	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127585	20.580	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	129015	20.924	ug/l	99
89) n-Butylbenzene	13.83	91	246725	21.293	ug/l	98
90) Hexachloroethane	14.10	117	46616	20.937	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	117720	21.510	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8475	20.702	ug/l	97

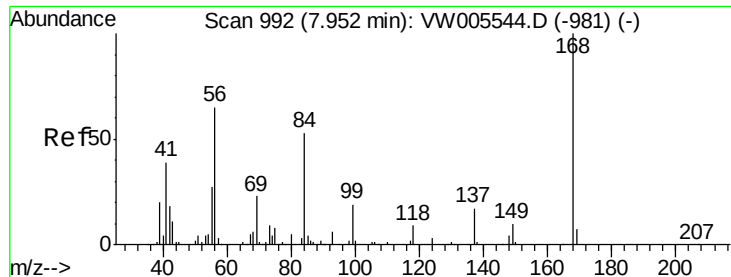
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84957	21.761	ug/l	100
94) Hexachlorobutadiene	15.24	225	52093	20.596	ug/l	98
95) Naphthalene	15.38	128	141517	21.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75869	22.052	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

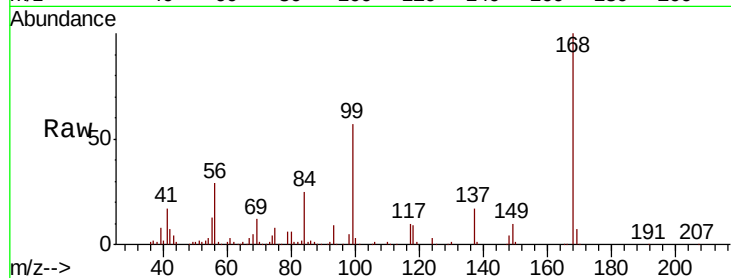
VW092618SBSD02

Tgt Ion:168 Resp: 233611

Ion Ratio Lower Upper

168 100

99 56.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

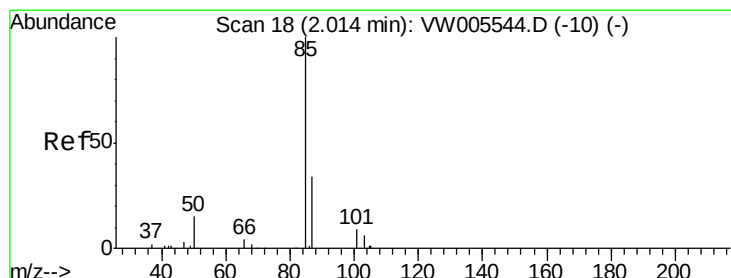
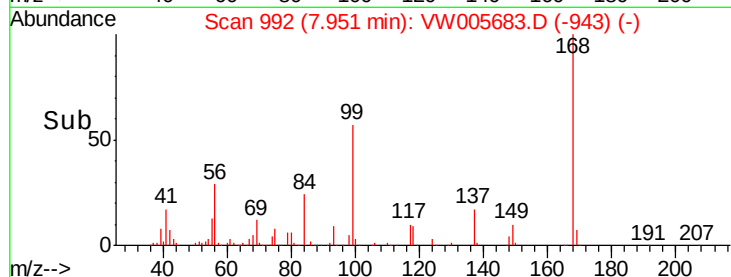
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.220 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005683.D

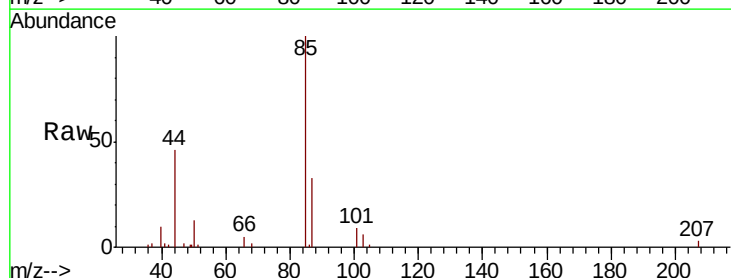
Acq: 27 Sep 2018 06:11

Tgt Ion: 85 Resp: 28511

Ion Ratio Lower Upper

85 100

87 33.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

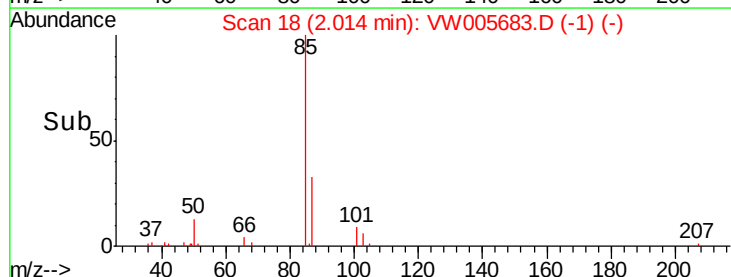
4000

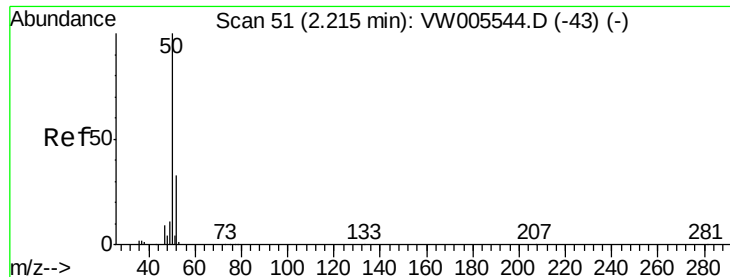
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 18.587 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

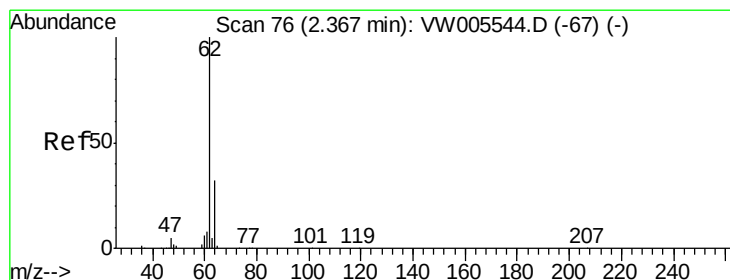
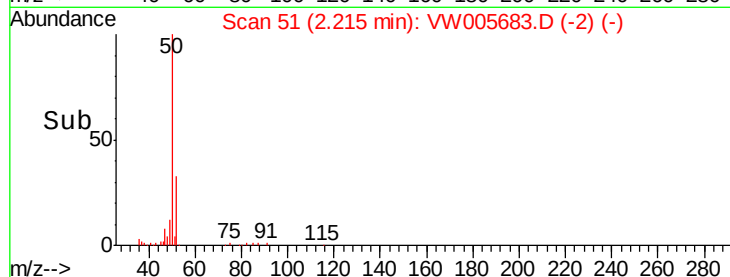
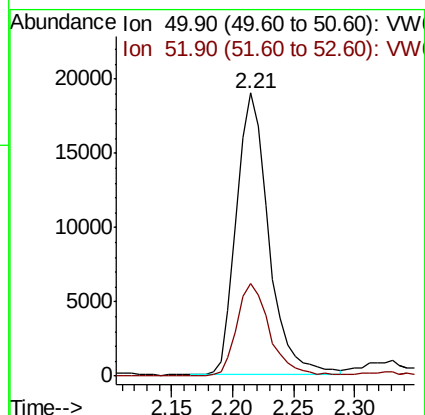
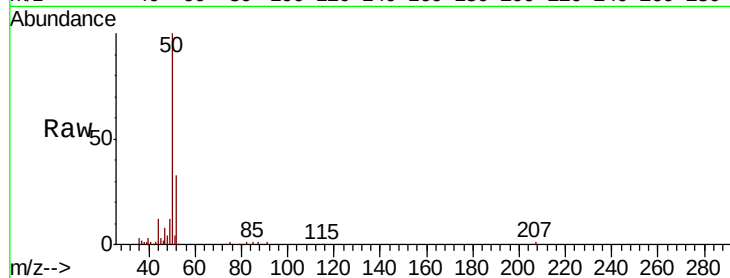
VW092618SBS02

Tgt Ion: 50 Resp: 34904

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 23.229 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005683.D

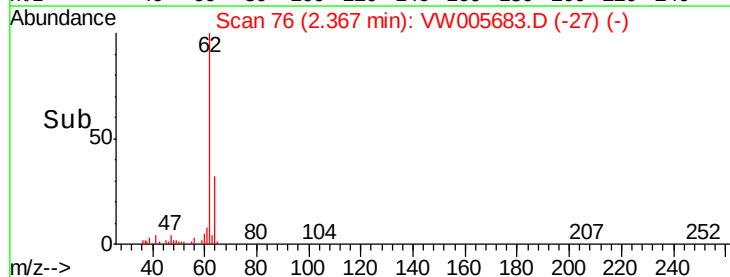
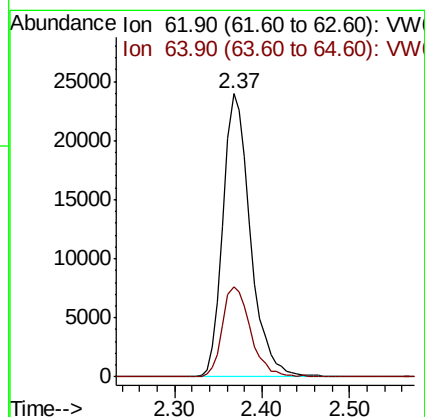
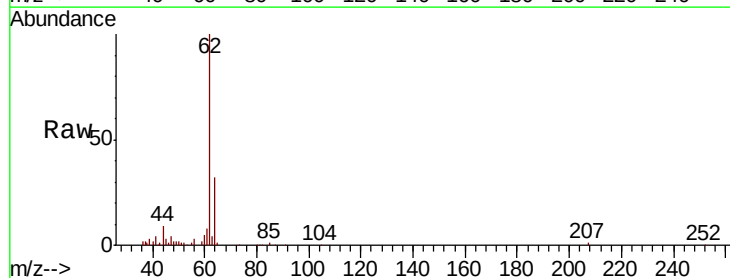
Acq: 27 Sep 2018 06:11

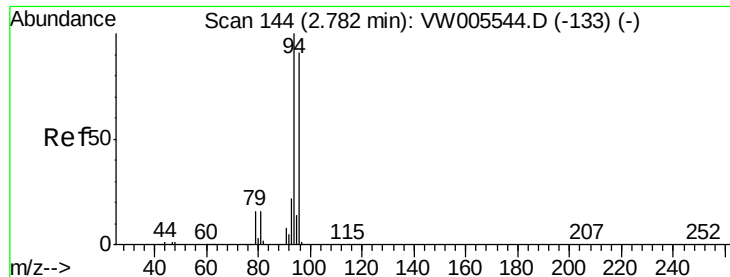
Tgt Ion: 62 Resp: 52142

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 21.678 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

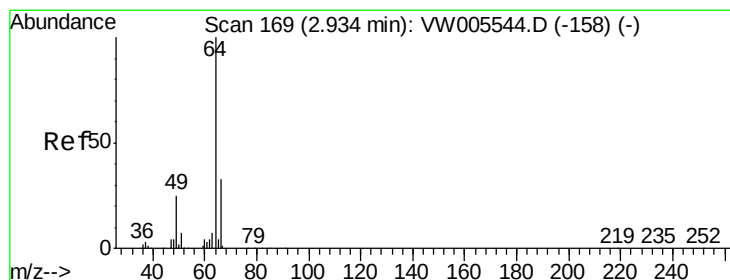
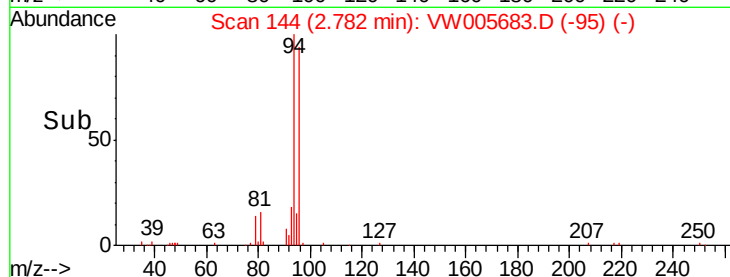
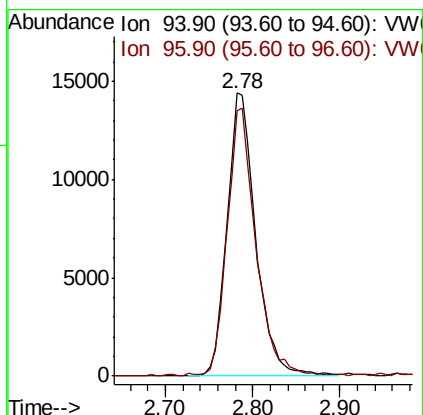
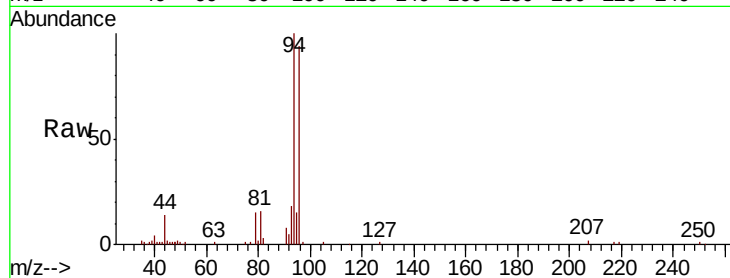
VW092618SBS02

Tgt Ion: 94 Resp: 32884

Ion Ratio Lower Upper

94 100

96 93.2 73.1 109.7



#6

Chloroethane

Concen: 21.451 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005683.D

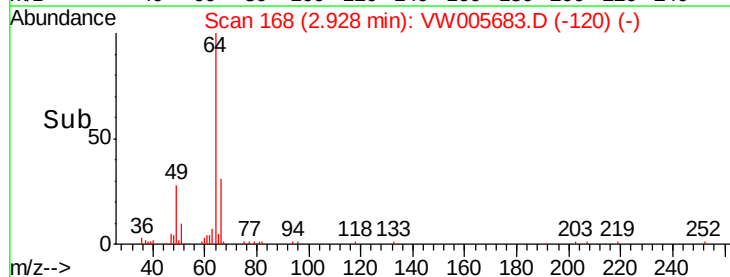
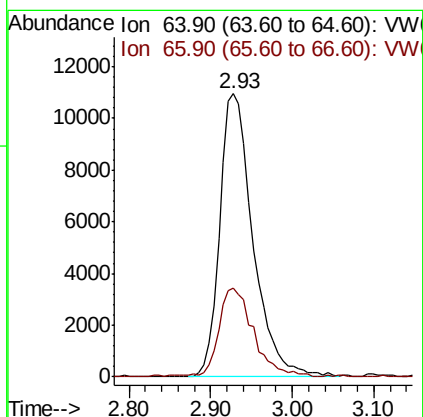
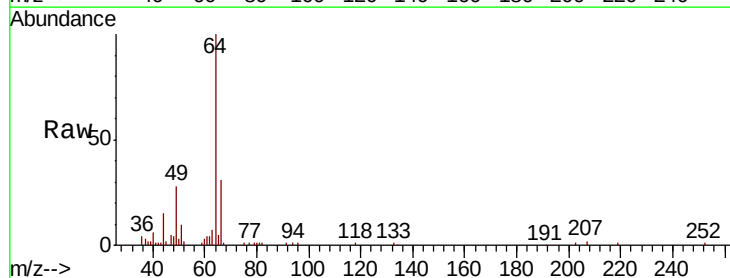
Acq: 27 Sep 2018 06:11

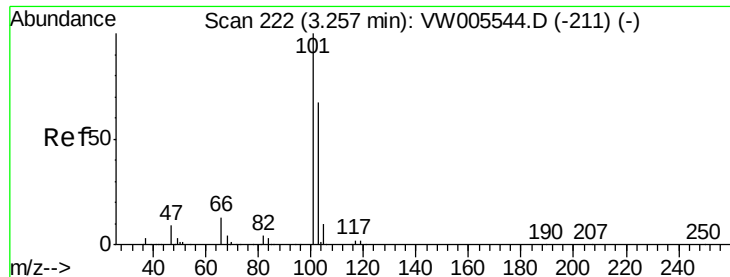
Tgt Ion: 64 Resp: 30897

Ion Ratio Lower Upper

64 100

66 30.9 26.0 39.0



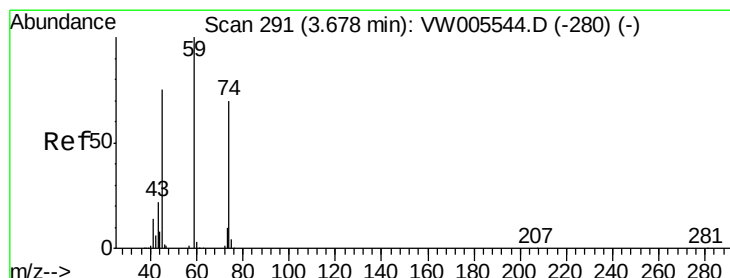
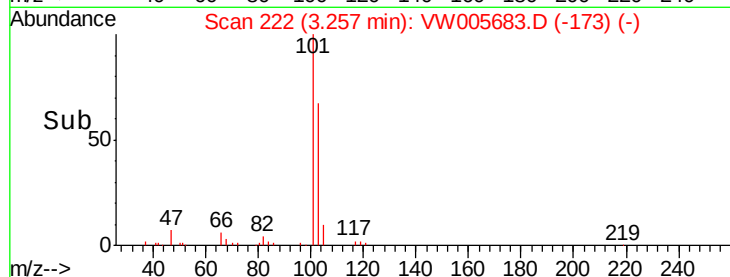
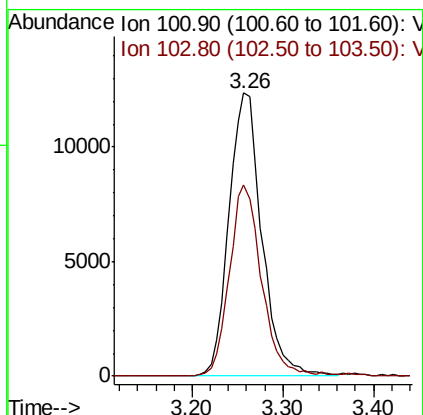
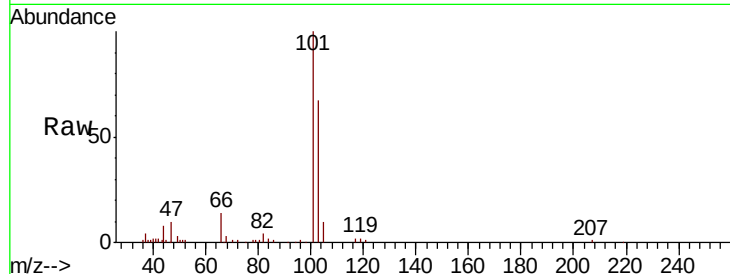


#7

Trichlorofluoromethane
 Concen: 17.716 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Instrument :
 MSVOA_W
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 VW092618SBSD02

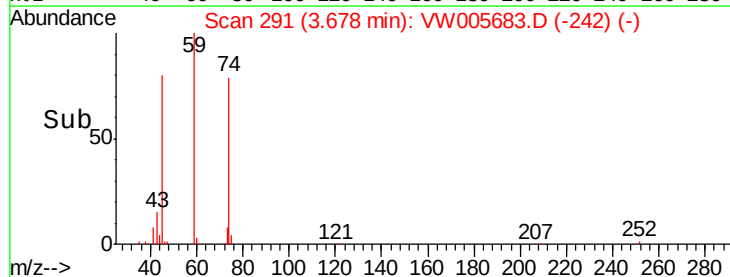
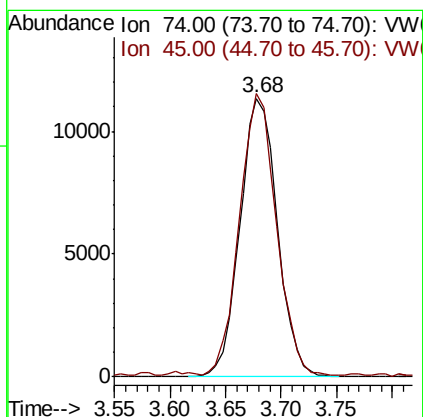
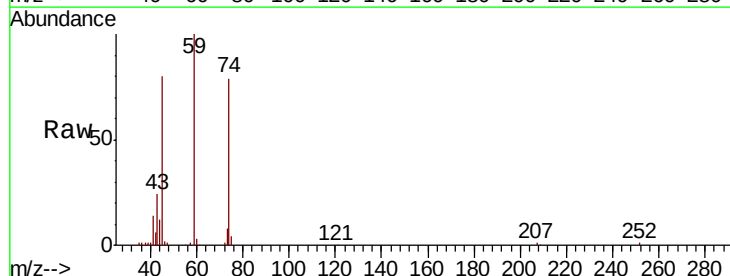
Tgt Ion:101 Resp: 31103
 Ion Ratio Lower Upper
 101 100
 103 67.4 53.2 79.8

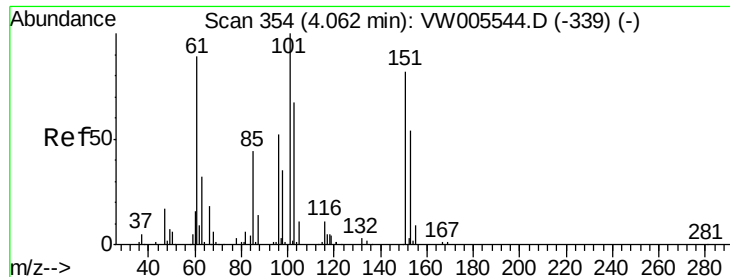


#8

Diethyl Ether
 Concen: 23.095 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 74 Resp: 26486
 Ion Ratio Lower Upper
 74 100
 45 99.0 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.714 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBSD02

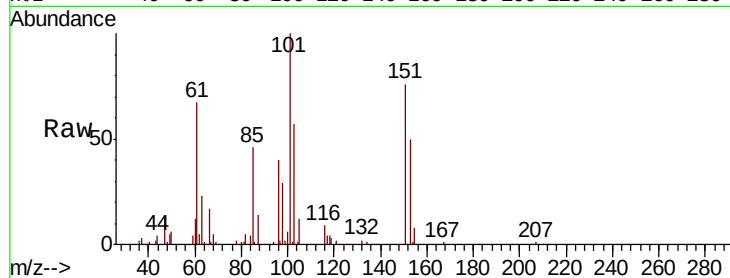
Tgt Ion:101 Resp: 48256

Ion Ratio Lower Upper

101 100

85 46.3 36.4 54.6

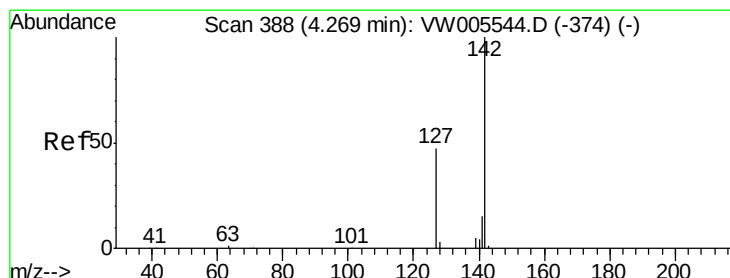
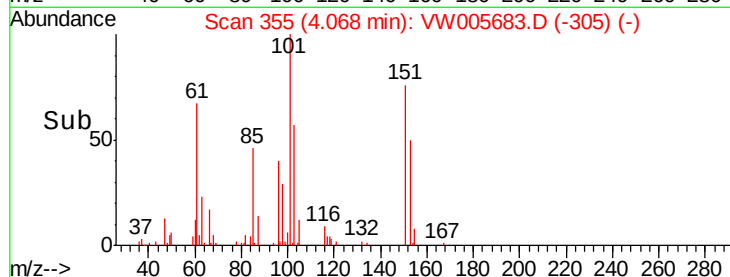
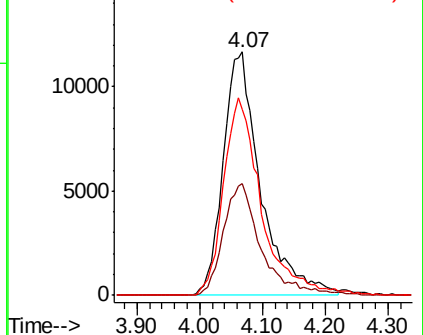
151 82.2 65.8 98.6



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: 22.473 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

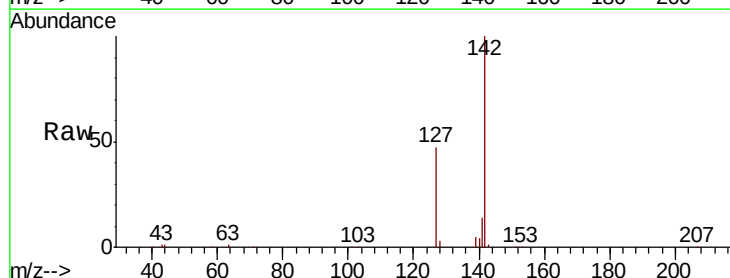
Tgt Ion:142 Resp: 76808

Ion Ratio Lower Upper

142 100

127 44.5 37.4 56.0

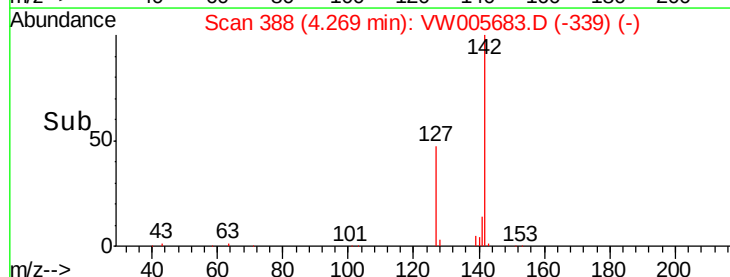
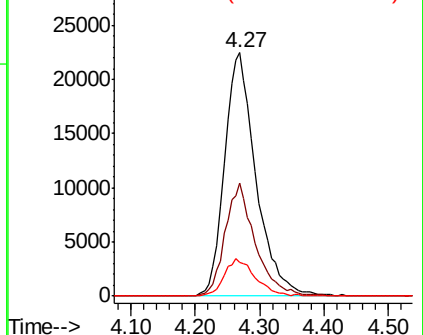
141 15.2 11.9 17.9

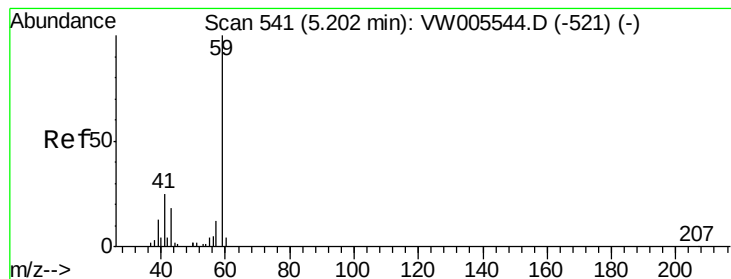


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



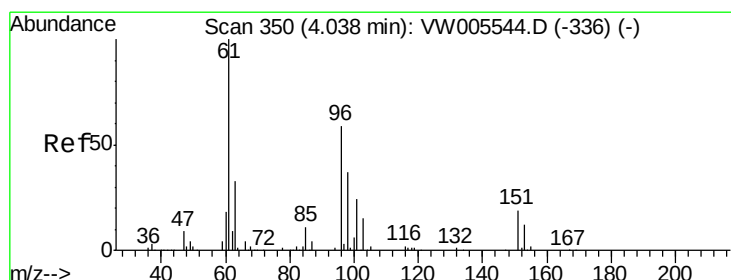
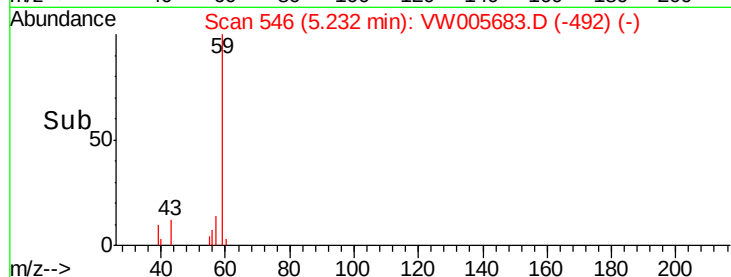
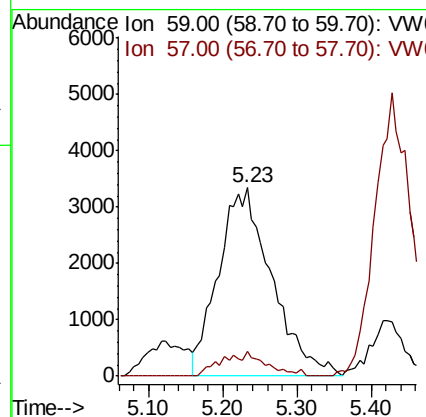
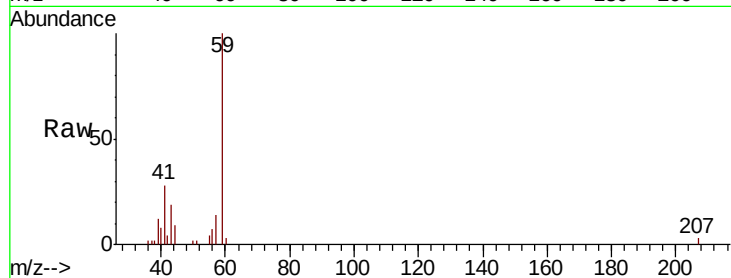


#11

Tert butyl alcohol
Concen: 115.979 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.03 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

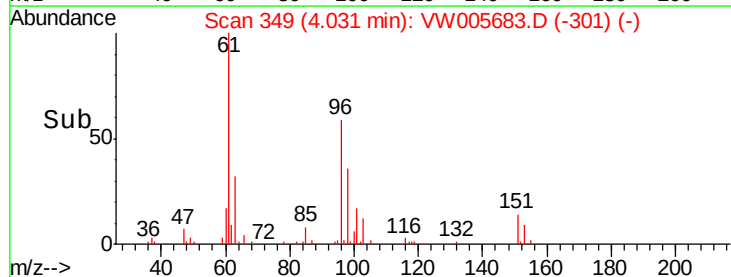
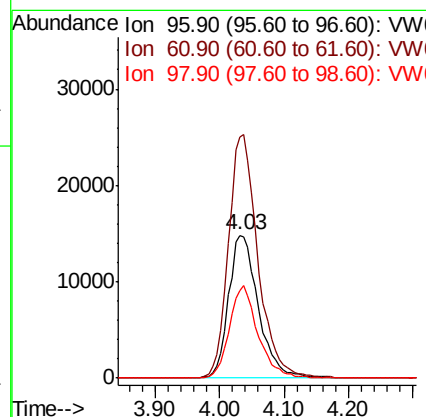
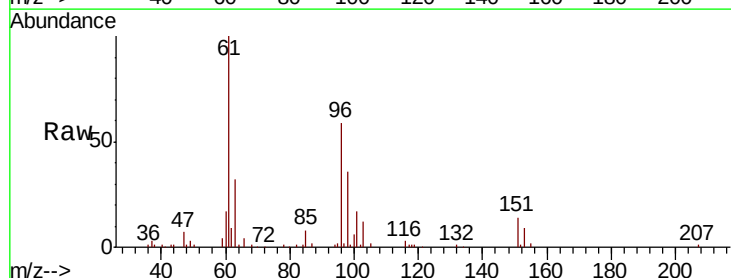
Tgt Ion: 59 Resp: 16661
Ion Ratio Lower Upper
59 100
57 5.4 8.3 12.5#

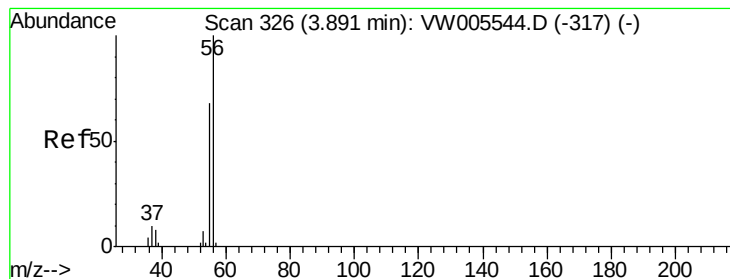


#12

1,1-Dichloroethene
Concen: 22.611 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion: 96 Resp: 48107
Ion Ratio Lower Upper
96 100
61 169.6 135.0 202.6
98 61.7 50.6 76.0





#13

Acrolein

Concen: 86.667 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

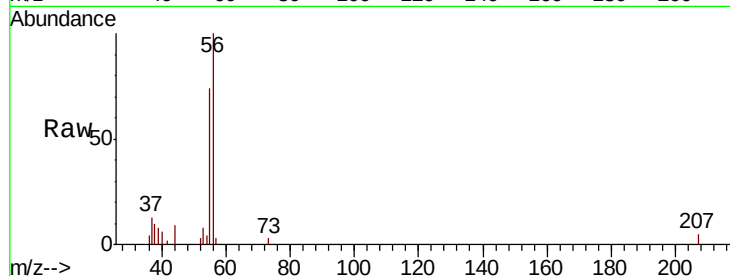
VW092618SBSD02

Tgt Ion: 56 Resp: 9457

Ion Ratio Lower Upper

56 100

55 74.4 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

4000

3000

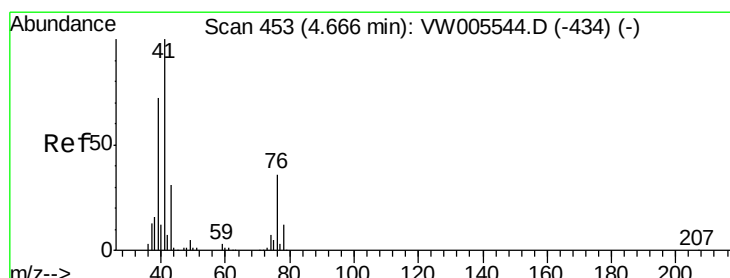
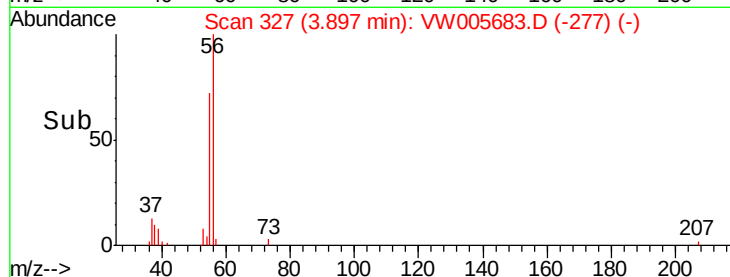
2000

1000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 22.310 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

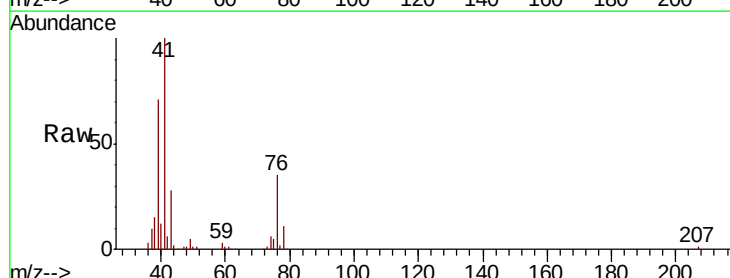
Tgt Ion: 41 Resp: 82840

Ion Ratio Lower Upper

41 100

39 71.0 59.6 89.4

76 34.2 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

30000

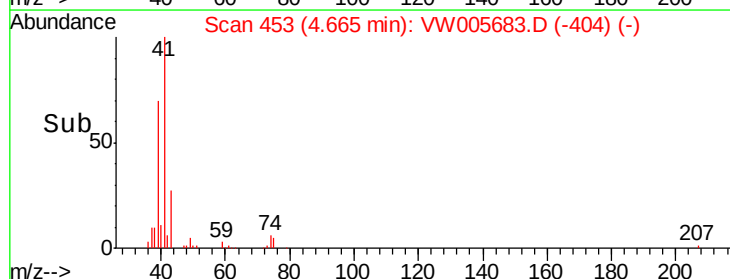
20000

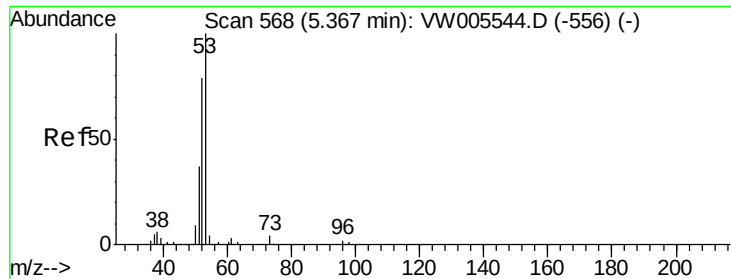
10000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 105.015 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

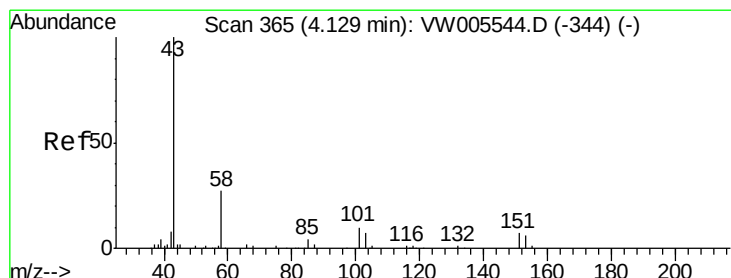
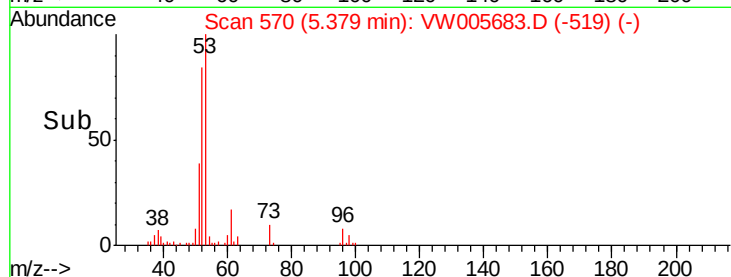
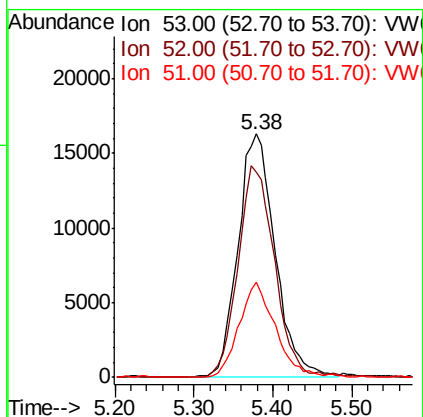
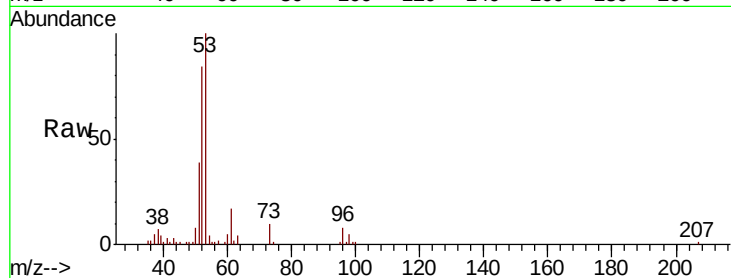
Tgt Ion: 53 Resp: 53472

Ion Ratio Lower Upper

53 100

52 85.6 66.5 99.7

51 37.8 30.6 46.0



#16

Acetone

Concen: 101.809 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005683.D

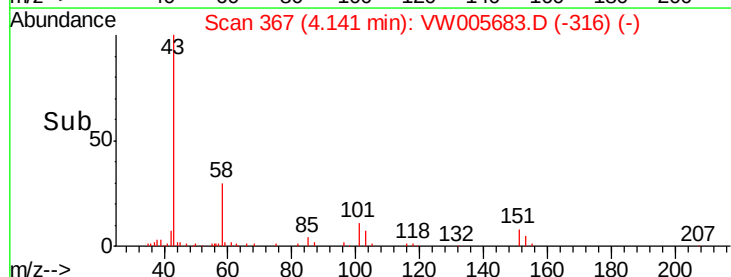
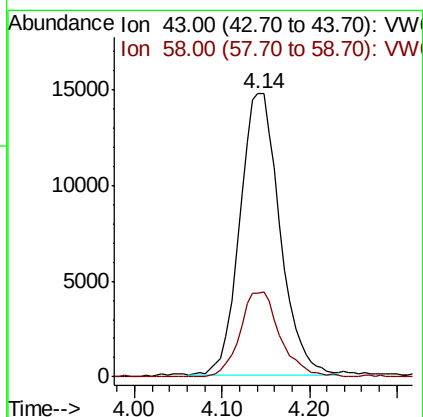
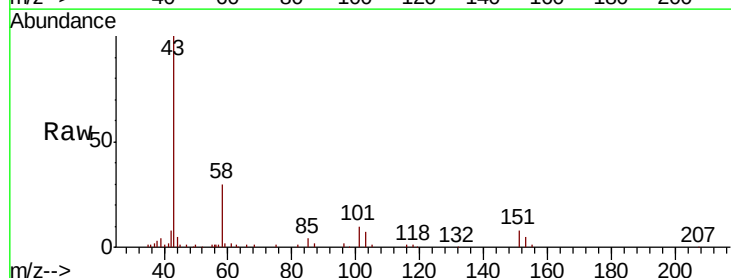
Acq: 27 Sep 2018 06:11

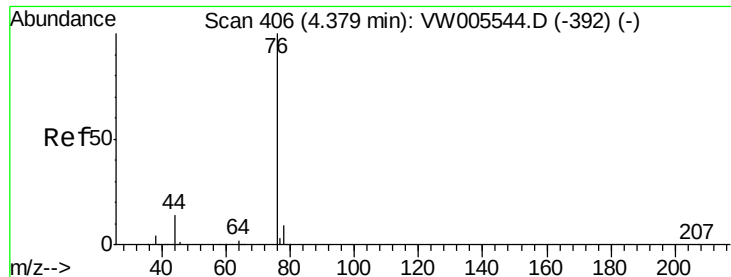
Tgt Ion: 43 Resp: 46468

Ion Ratio Lower Upper

43 100

58 29.9 21.8 32.8

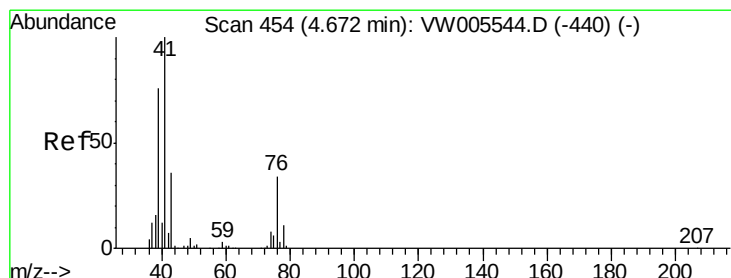
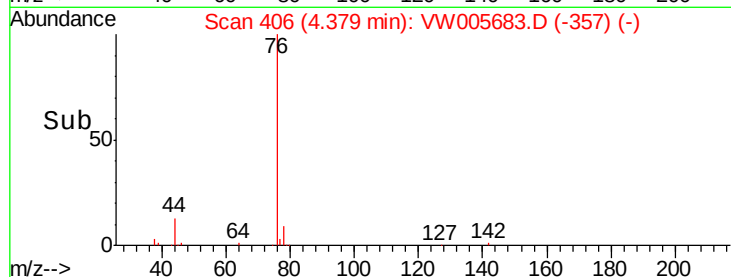
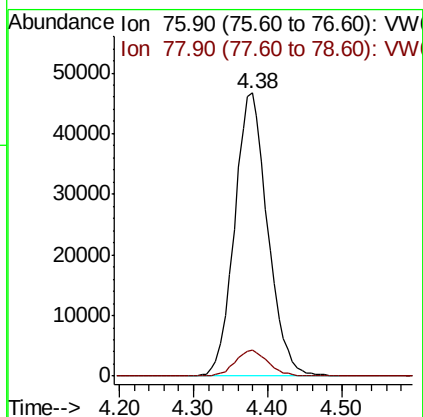
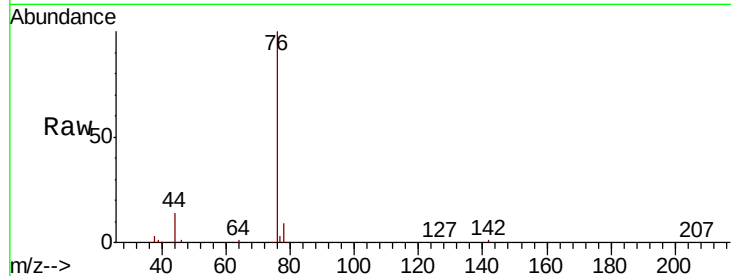




#17
Carbon Disulfide
Concen: 21.843 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

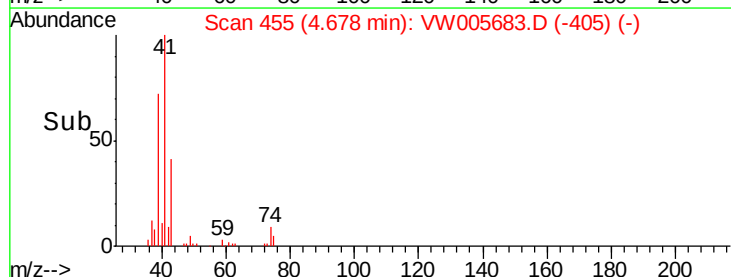
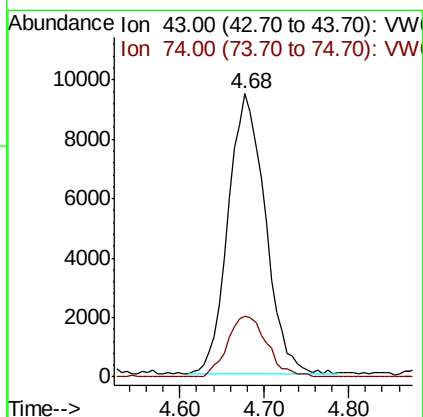
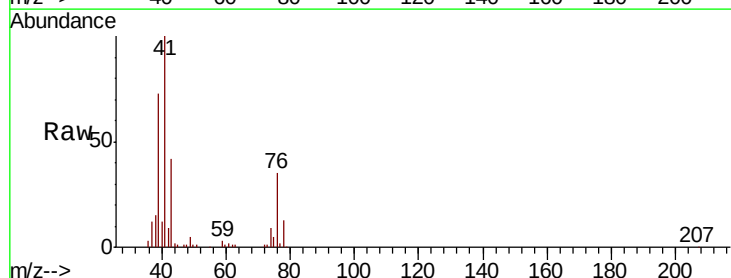
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

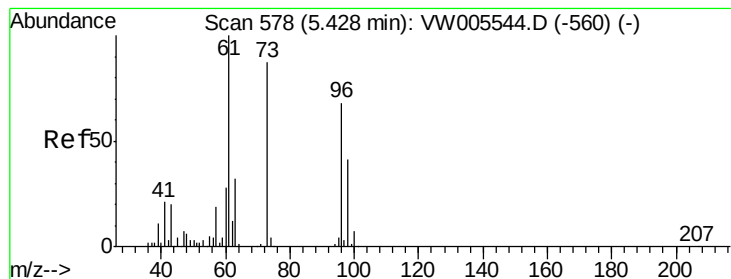
Tgt Ion: 76 Resp: 145201
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 21.660 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion: 43 Resp: 28253
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 22.032 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

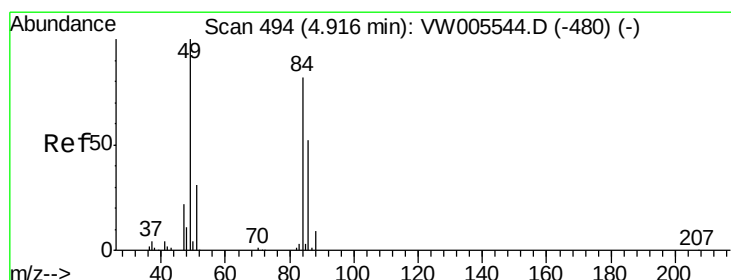
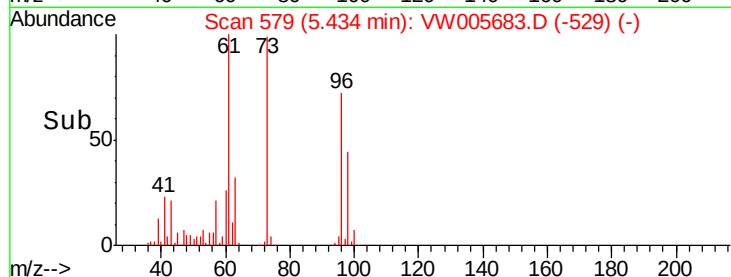
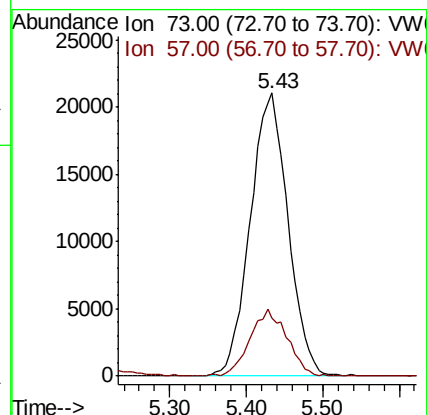
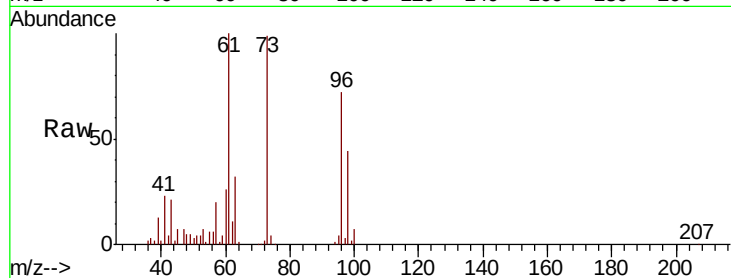
VW092618SBS02

Tgt Ion: 73 Resp: 72353

Ion Ratio Lower Upper

73 100

57 20.6 17.6 26.4



#20

Methylene Chloride

Concen: 24.891 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Tgt Ion: 84 Resp: 62359

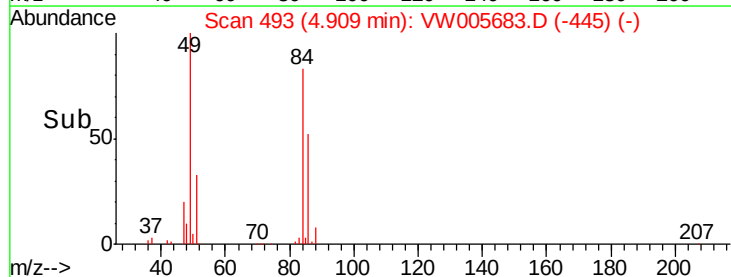
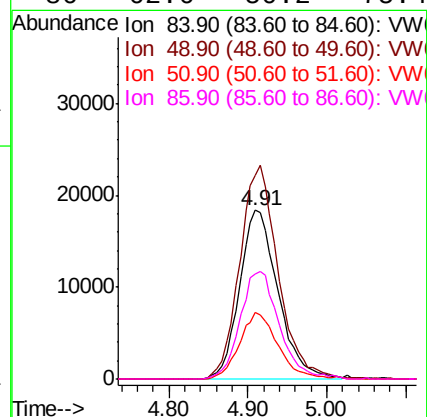
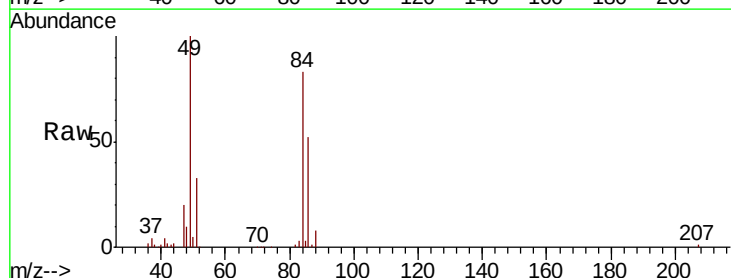
Ion Ratio Lower Upper

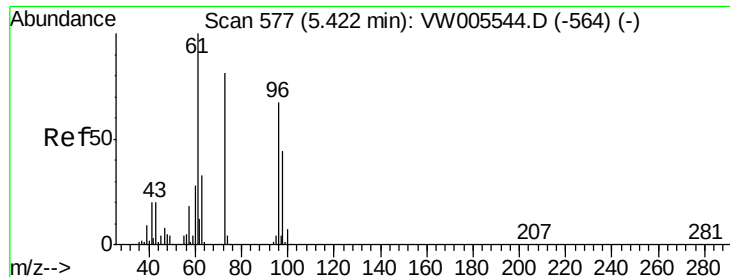
84 100

49 120.8 97.0 145.6

51 39.6 30.2 45.2

86 62.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.994 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

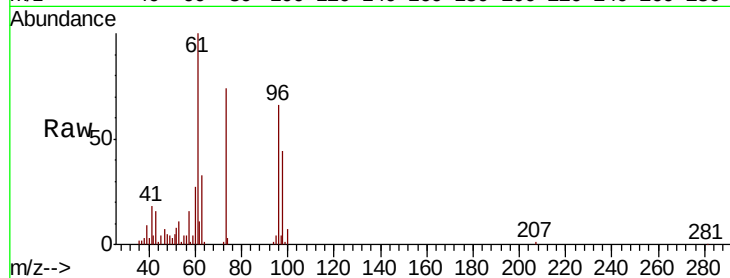
Tgt Ion: 96 Resp: 51253

Ion Ratio Lower Upper

96 100

61 151.6 118.9 178.3

98 66.6 52.1 78.1

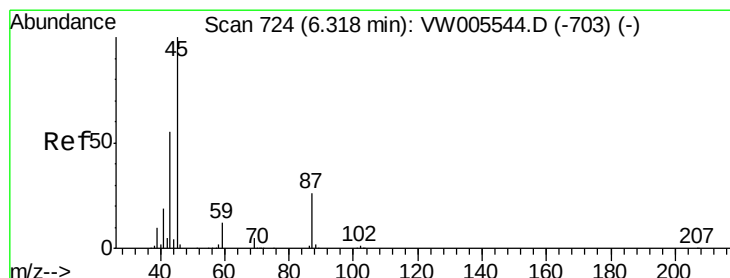
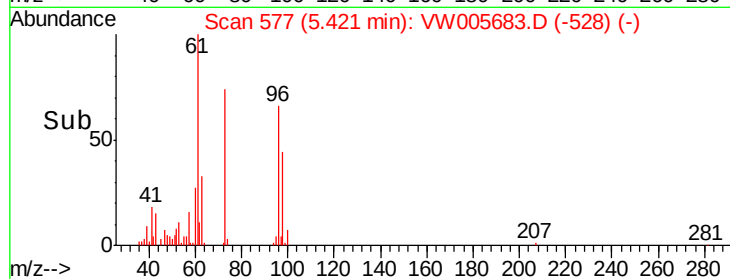
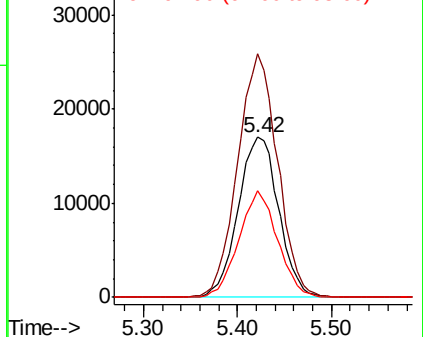


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 22.346 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Tgt Ion: 45 Resp: 161074

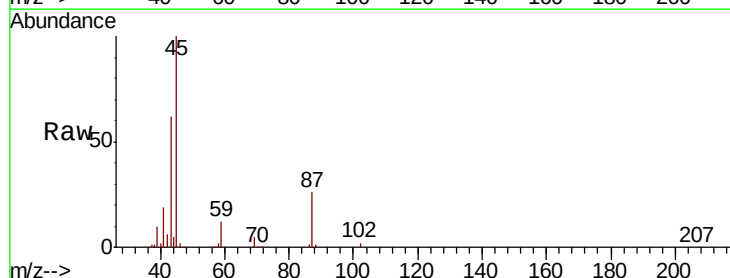
Ion Ratio Lower Upper

45 100

43 61.8 44.2 66.4

87 25.6 21.4 32.2

59 12.0 9.3 13.9



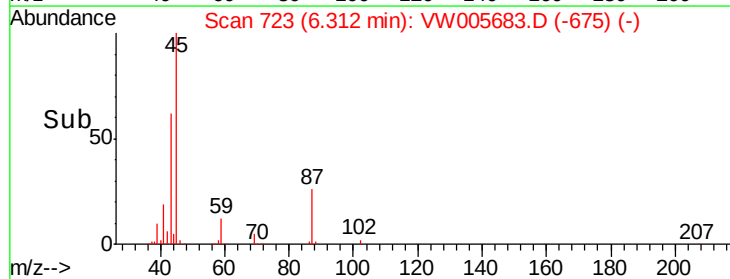
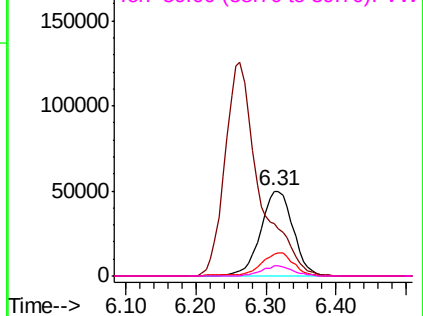
Abundance

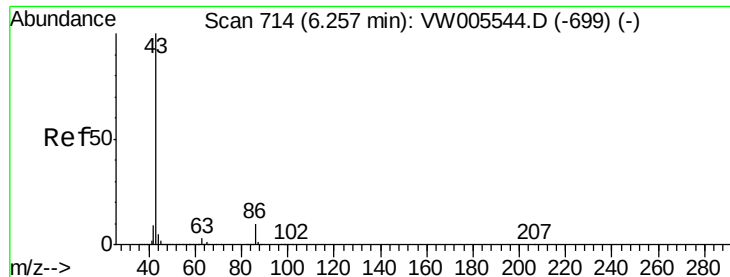
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 103.470 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

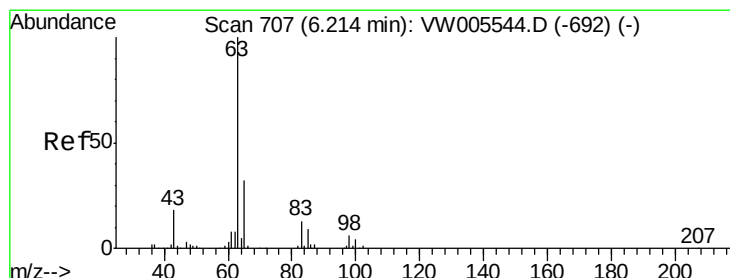
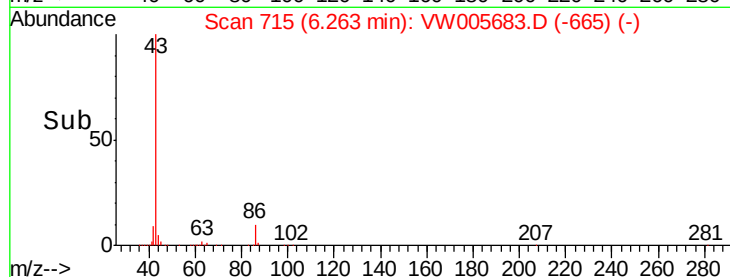
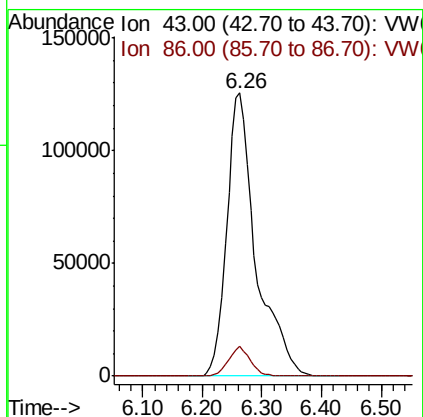
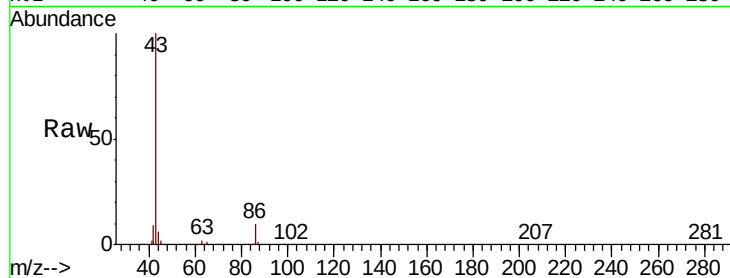
VW092618SBS02

Tgt Ion: 43 Resp: 426287

Ion Ratio Lower Upper

43 100

86 10.5 7.7 11.5



#24

1,1-Dichloroethane

Concen: 21.818 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

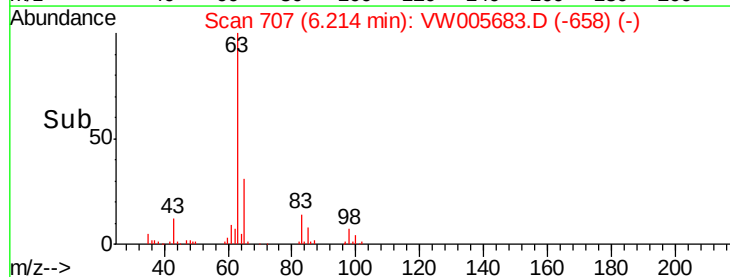
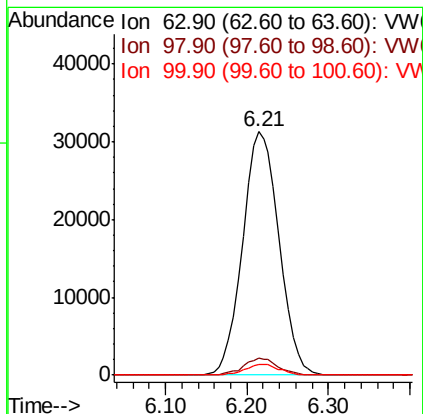
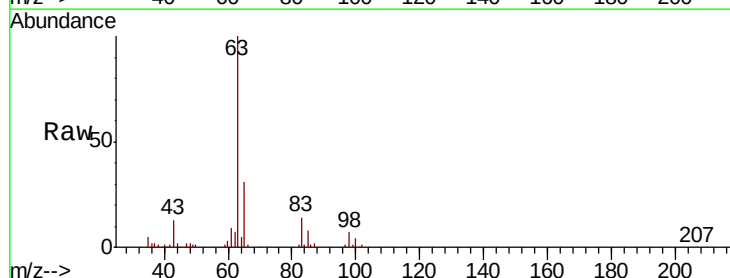
Tgt Ion: 63 Resp: 97163

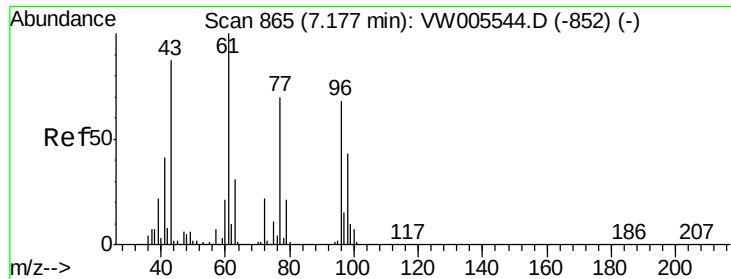
Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 103.822 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

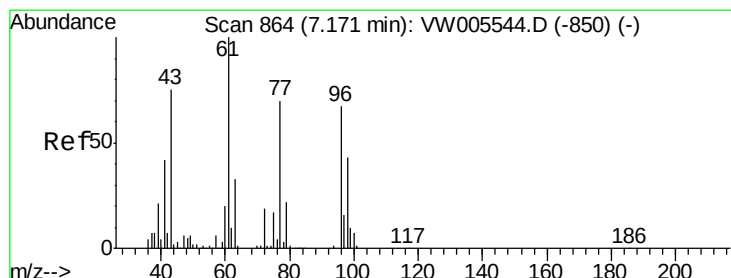
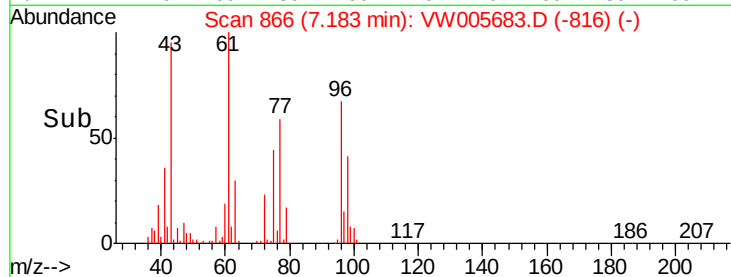
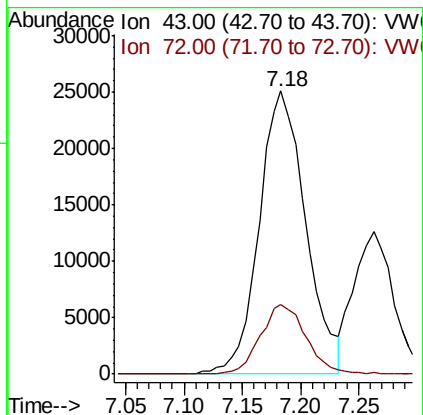
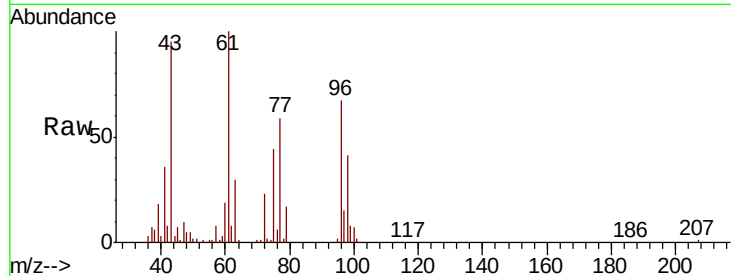
VW092618SBSD02

Tgt Ion: 43 Resp: 69397

Ion Ratio Lower Upper

43 100

72 24.4 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.752 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005683.D

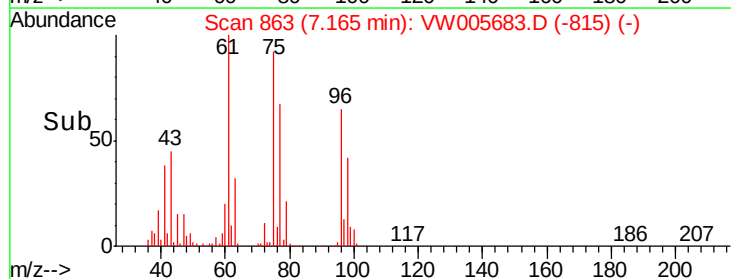
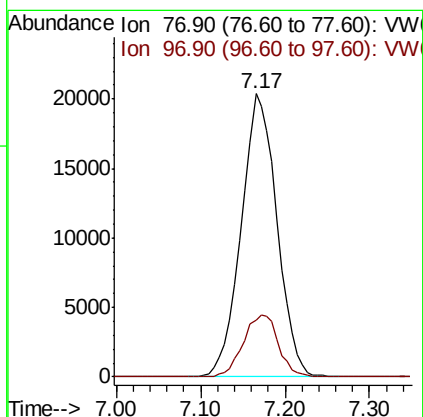
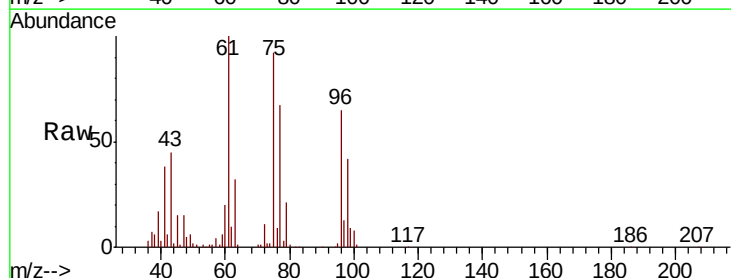
Acq: 27 Sep 2018 06:11

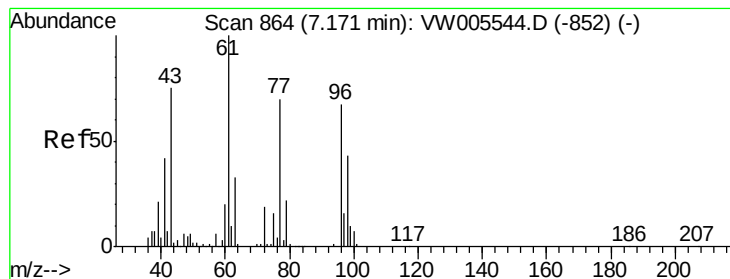
Tgt Ion: 77 Resp: 58302

Ion Ratio Lower Upper

77 100

97 21.5 11.0 33.0



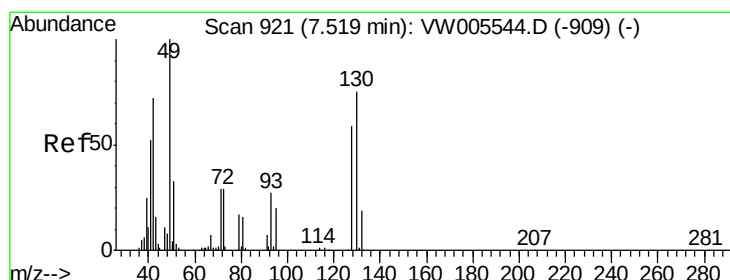
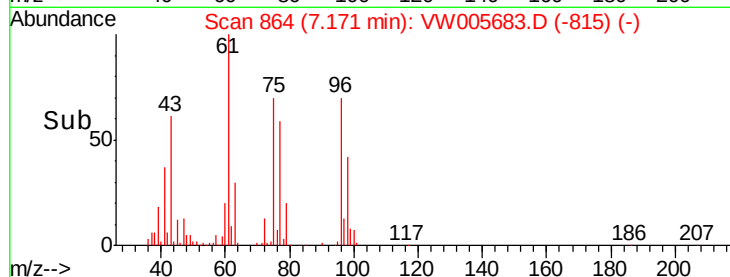
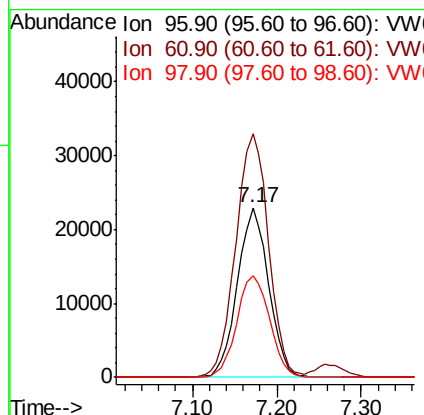
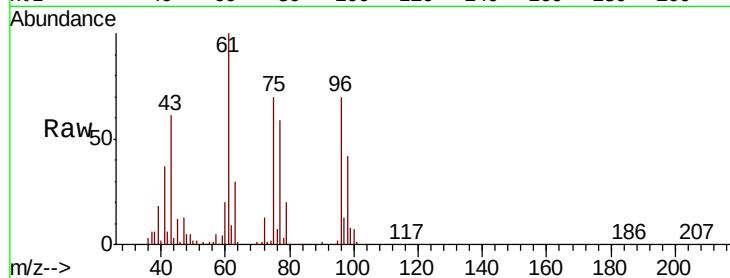


#27

cis-1,2-Dichloroethene
Concen: 22.383 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

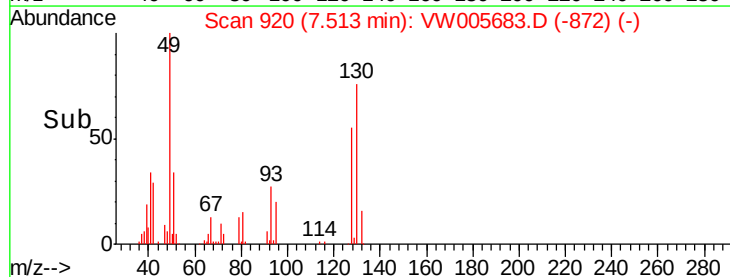
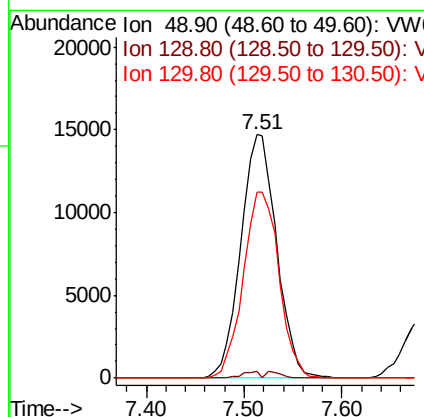
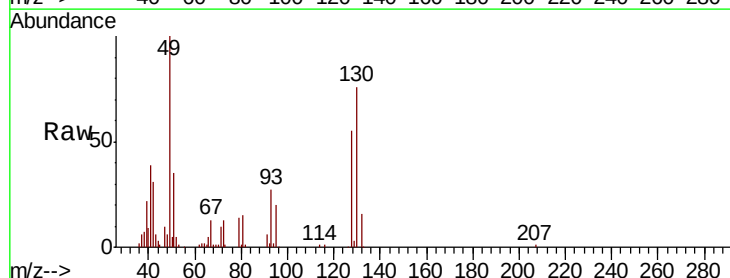
Tgt Ion: 96 Resp: 57532
Ion Ratio Lower Upper
96 100
61 150.5 0.0 303.4
98 62.8 0.0 127.2

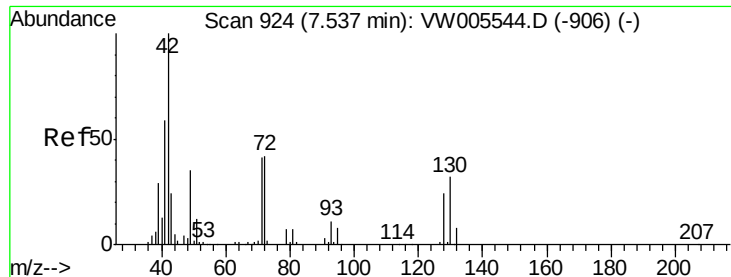


#28

Bromochloromethane
Concen: 21.176 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion: 49 Resp: 37356
Ion Ratio Lower Upper
49 100
129 1.3 0.0 1.4
130 0.0 61.3 91.9#

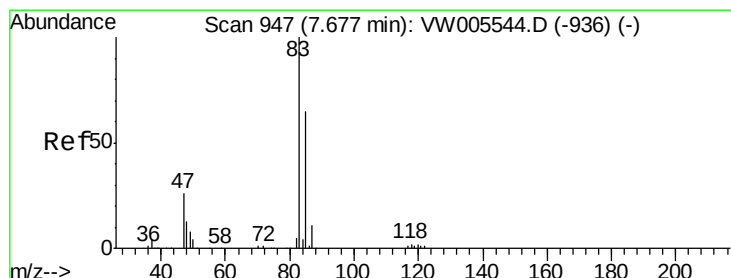
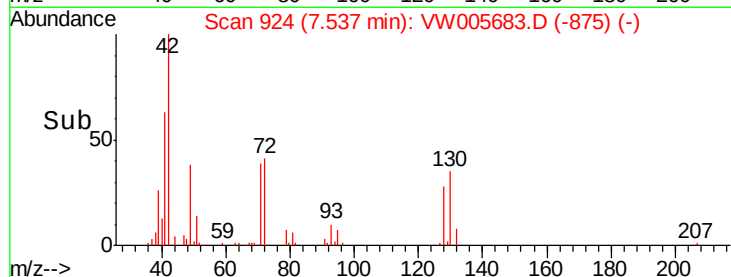
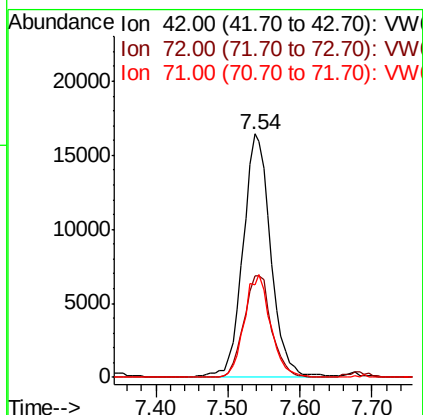
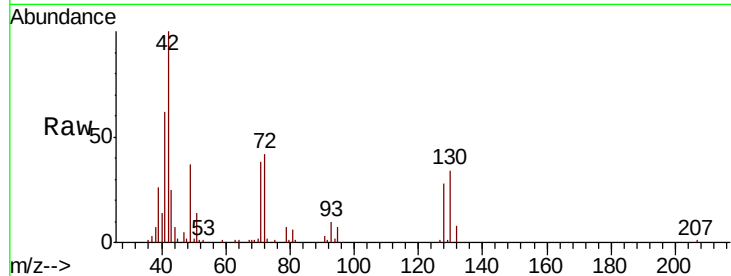




#29
Tetrahydrofuran
Concen: 105.398 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

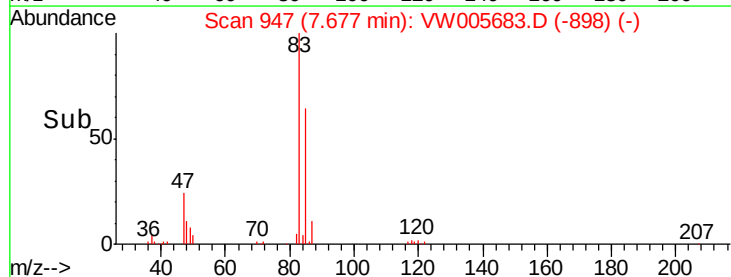
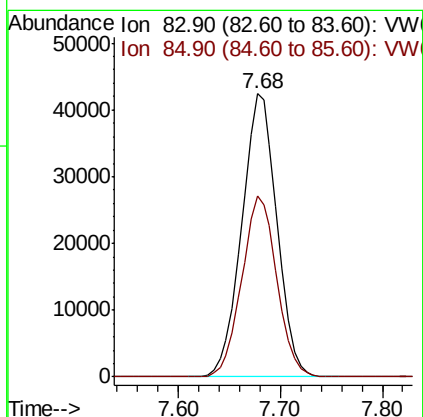
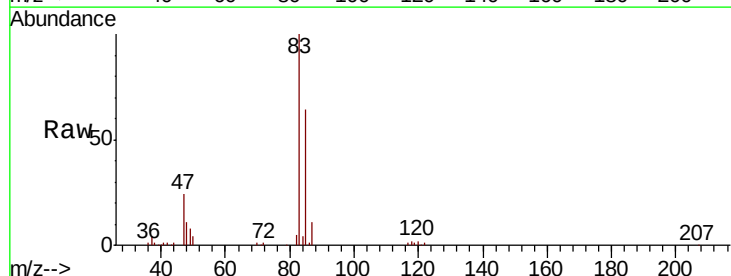
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

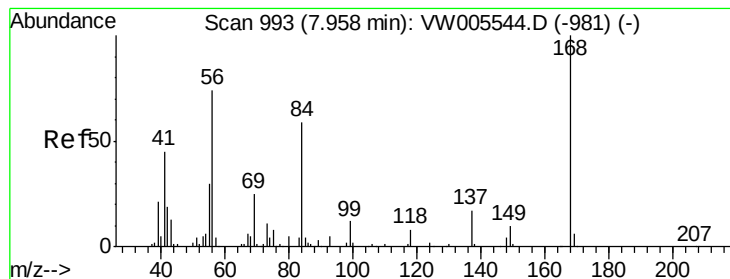
Tgt Ion: 42 Resp: 44013
Ion Ratio Lower Upper
42 100
72 41.3 33.6 50.4
71 39.6 31.8 47.6



#30
Chloroform
Concen: 22.015 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion: 83 Resp: 101219
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6





#31

Cyclohexane

Concen: 20.378 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBSD02

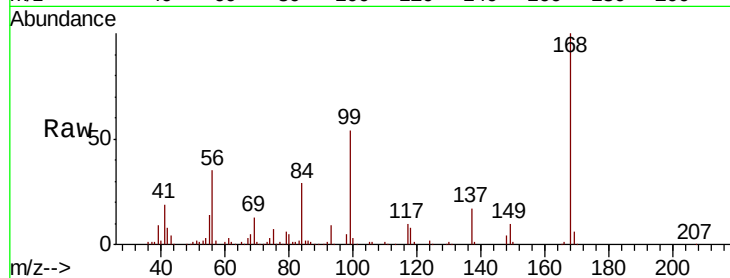
Tgt Ion: 56 Resp: 86945

Ion Ratio Lower Upper

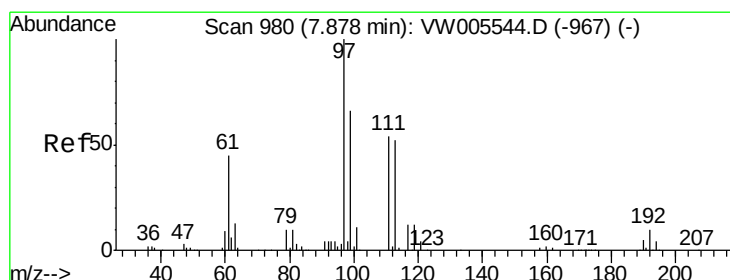
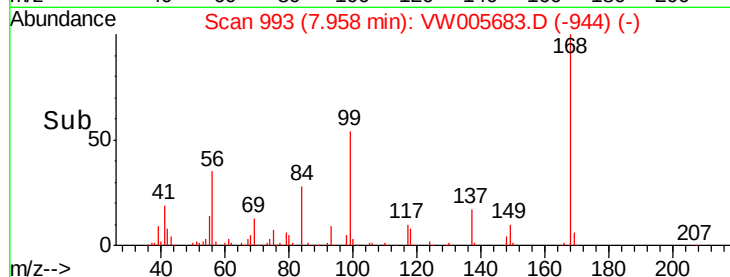
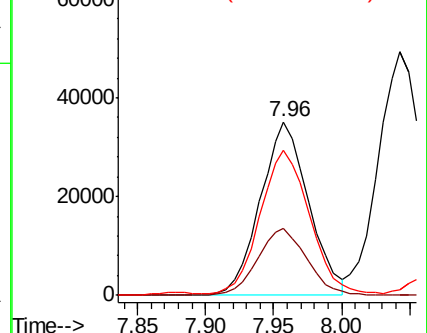
56 100

69 38.7 27.0 40.4

84 82.7 64.2 96.4



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



#32

1,1,1-Trichloroethane

Concen: 20.797 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

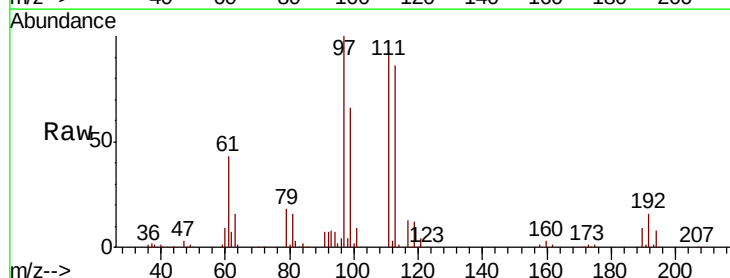
Tgt Ion: 97 Resp: 84470

Ion Ratio Lower Upper

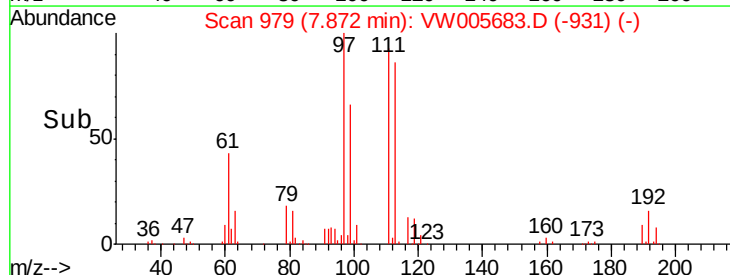
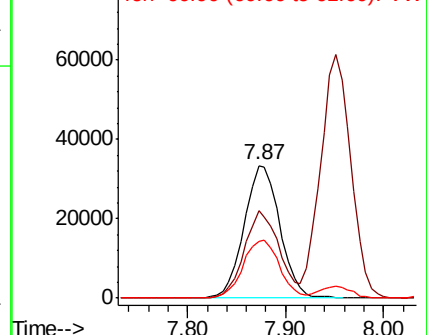
97 100

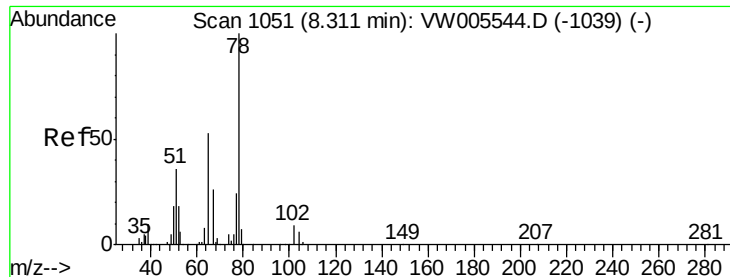
99 65.4 51.0 76.6

61 44.6 36.2 54.2



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

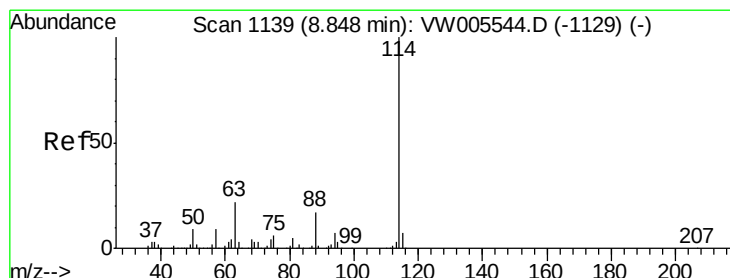
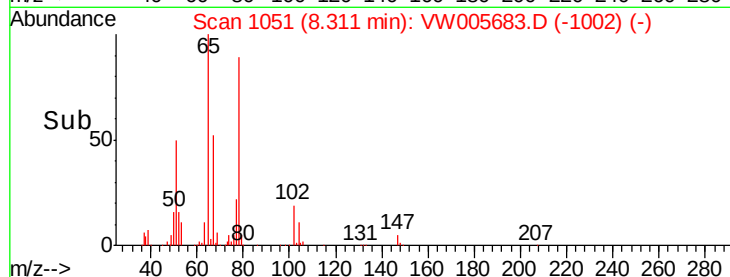
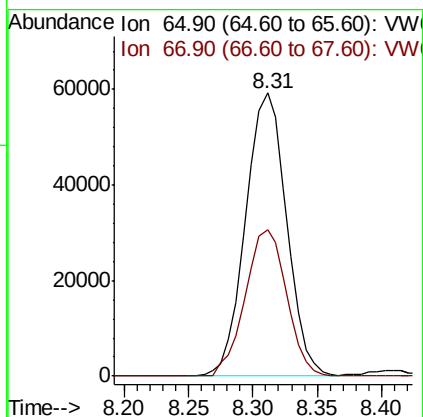
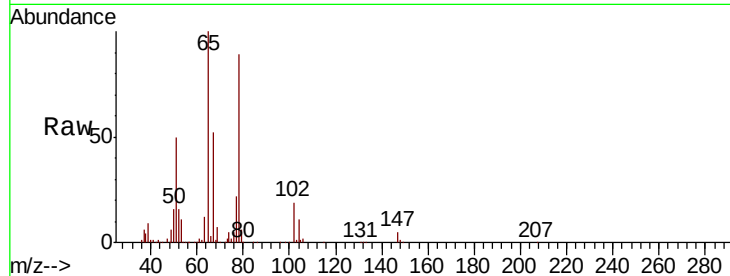




#33
 1,2-Dichloroethane-d4
 Concen: 47.377 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

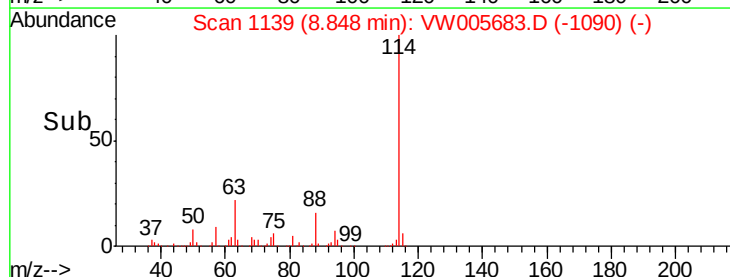
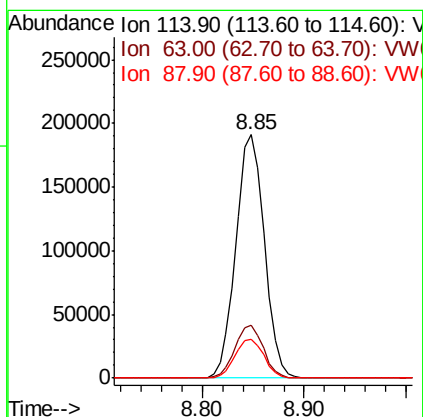
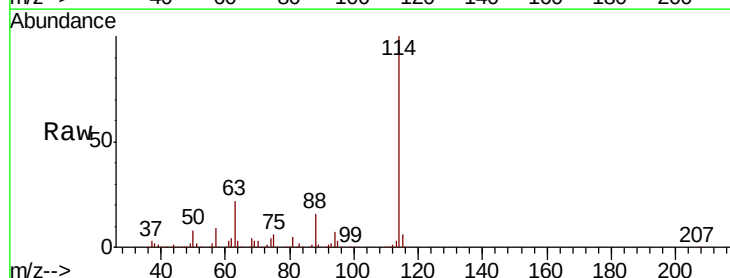
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

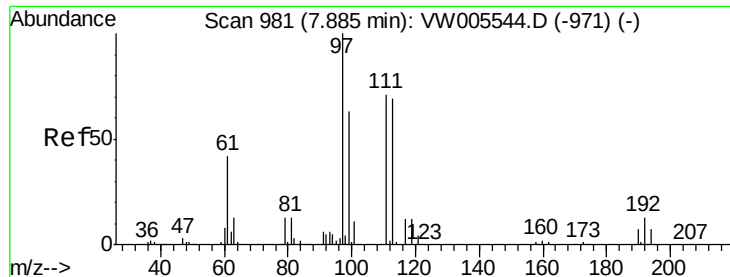
Tgt Ion: 65 Resp: 130386
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 114 Resp: 369413
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 15.7 0.0 33.0

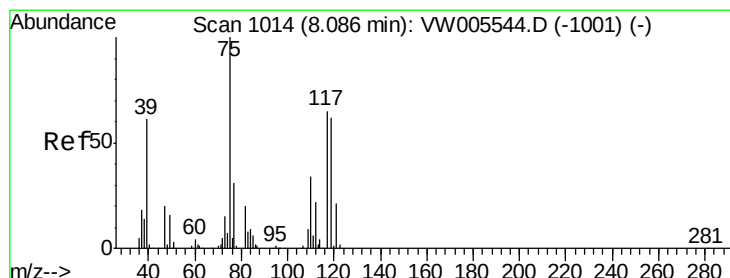
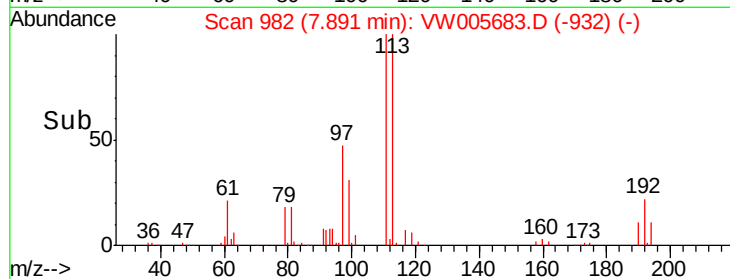
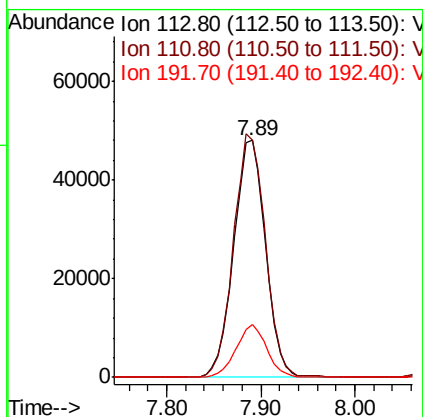
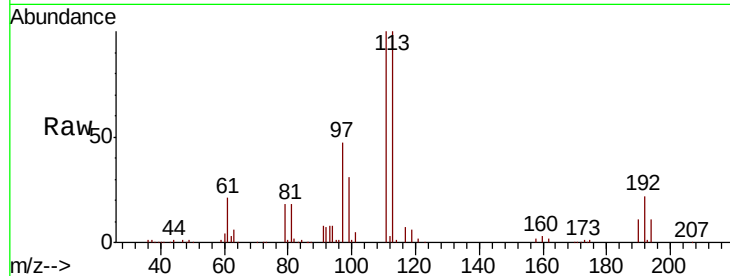




#35
 Dibromofluoromethane
 Concen: 48.746 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

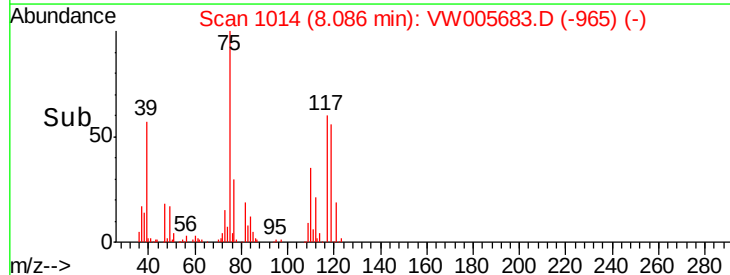
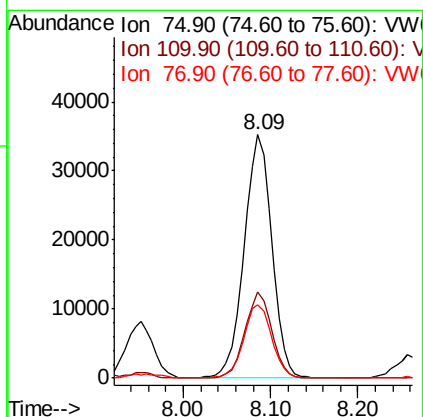
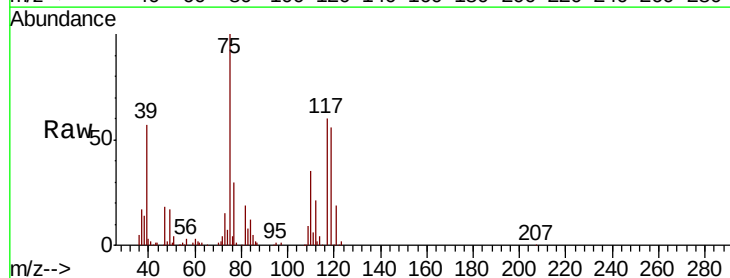
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

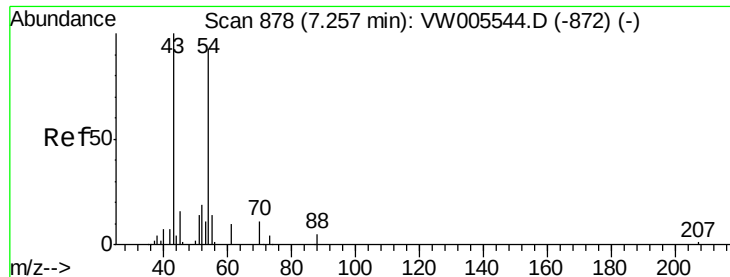
Tgt Ion:113 Resp: 113241
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 21.4 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 20.832 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 75 Resp: 77469
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.0 50.9
 77 30.7 24.8 37.2

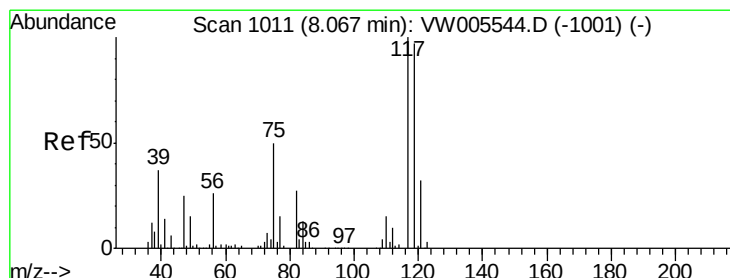
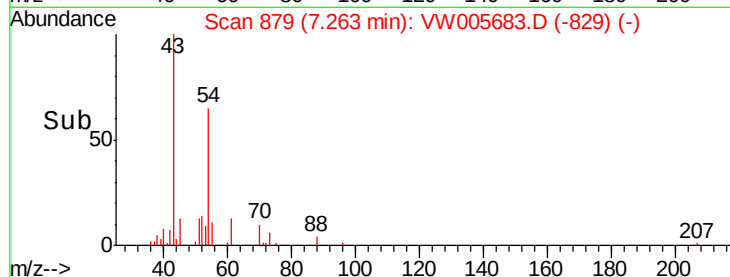
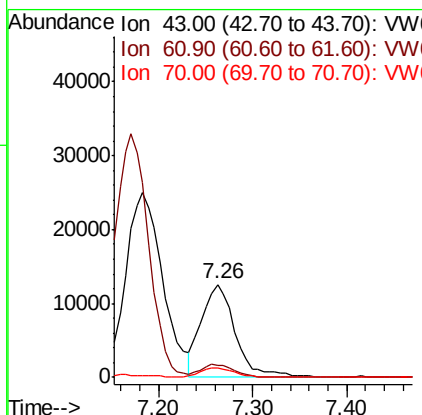
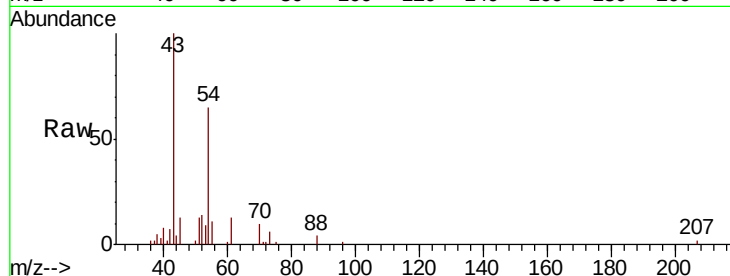




#37
Ethyl Acetate
Concen: 19.817 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

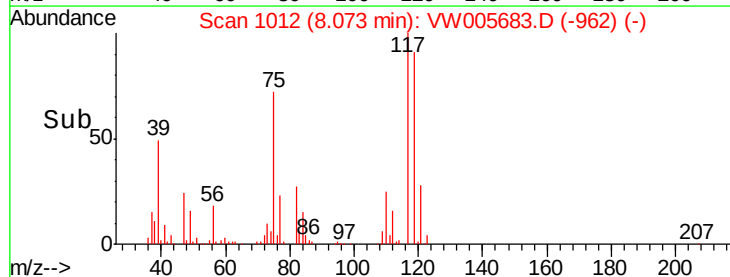
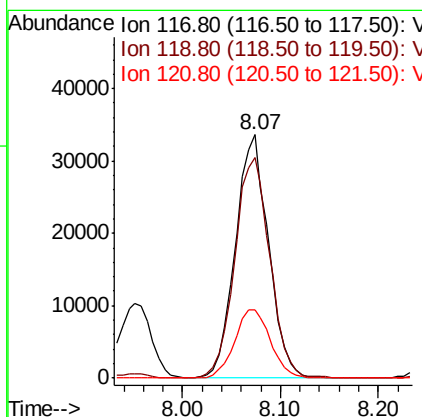
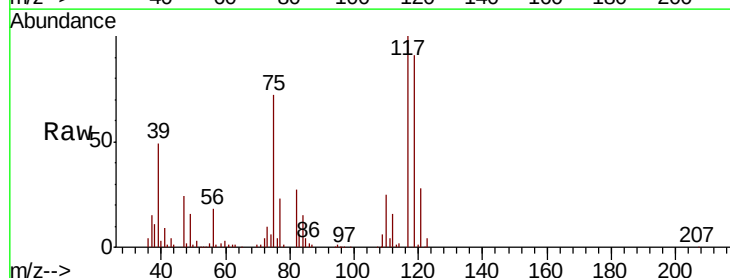
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

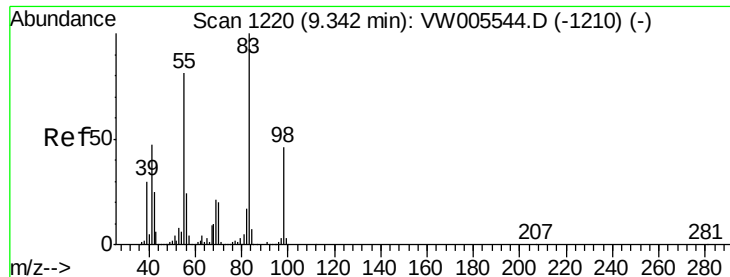
Tgt Ion: 43 Resp: 31012
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.5 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.850 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion: 117 Resp: 79100
Ion Ratio Lower Upper
117 100
119 90.7 77.6 116.4
121 27.9 25.7 38.5

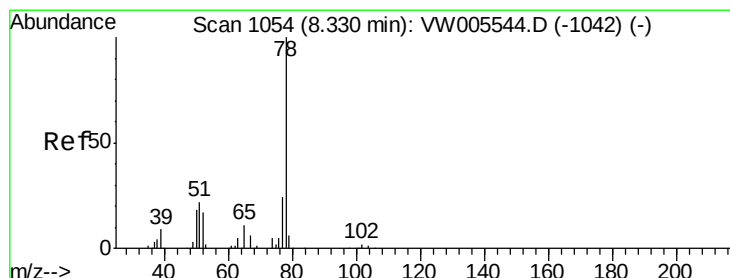
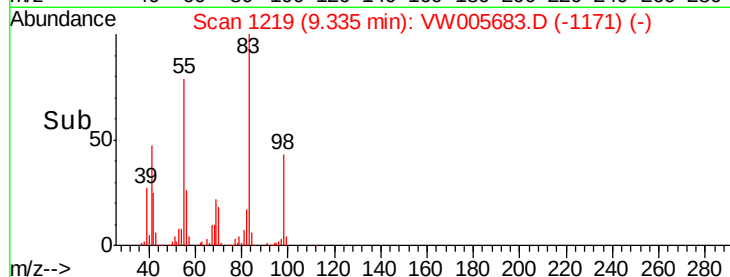
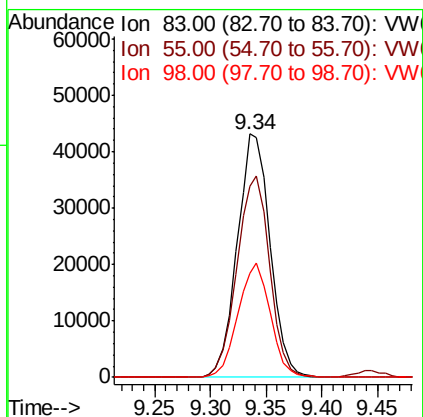
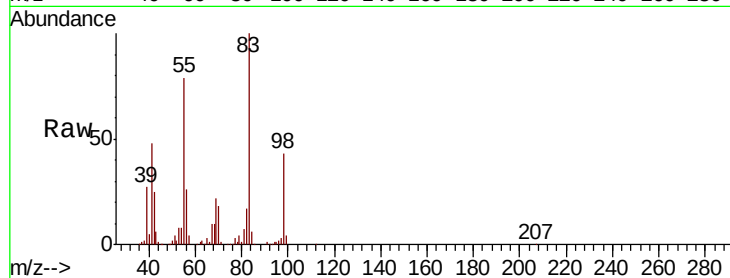




#39
Methylcyclohexane
Concen: 20.092 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

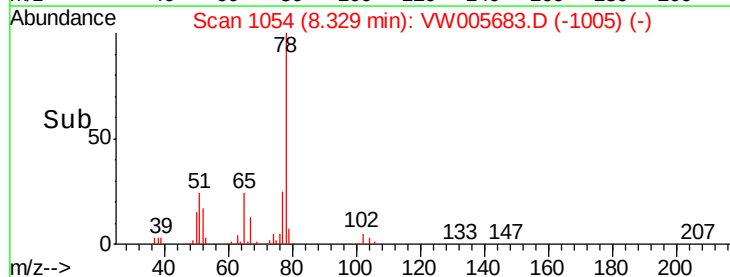
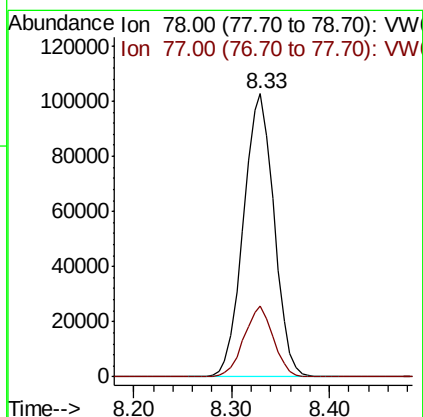
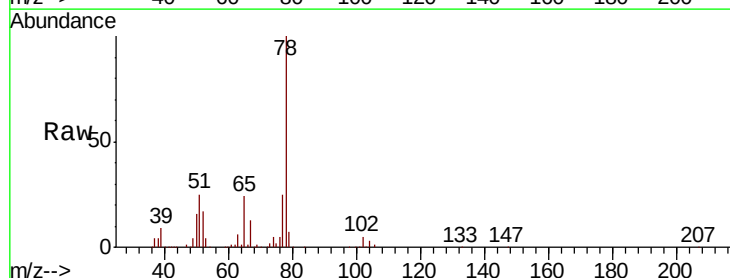
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

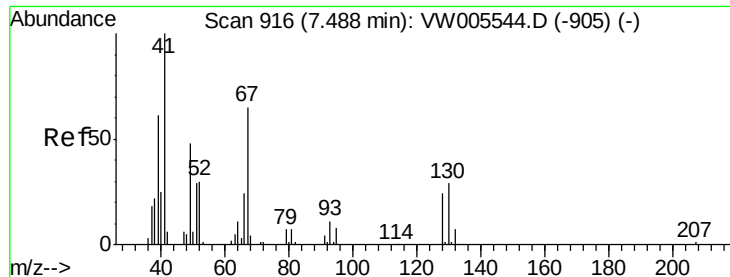
Tgt Ion: 83 Resp: 88153
Ion Ratio Lower Upper
83 100
55 78.7 64.6 97.0
98 42.8 37.0 55.6



#40
Benzene
Concen: 21.230 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion: 78 Resp: 223691
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4

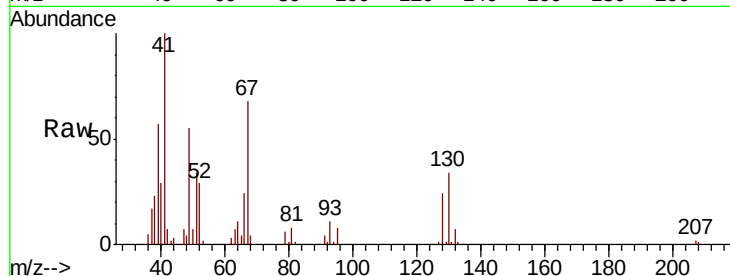




#41
Methacrylonitrile
Concen: 21.954 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

Tgt Ion:	41	Resp:	19551
Ion	Ratio	Lower	Upper
41	100		
39	60.5	45.4	68.2
67	63.9	55.2	82.8
52	28.9	25.3	37.9



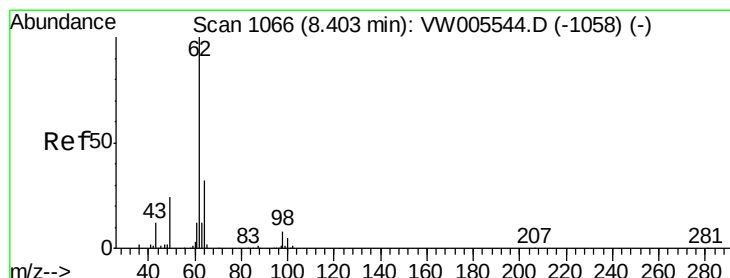
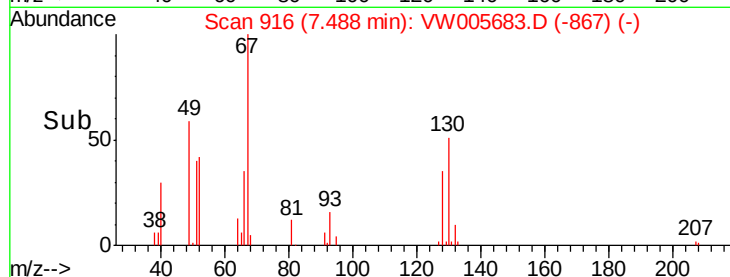
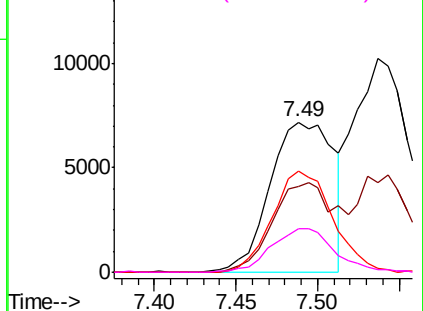
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

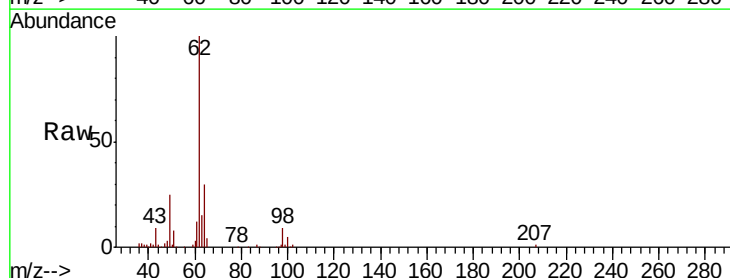
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.181 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

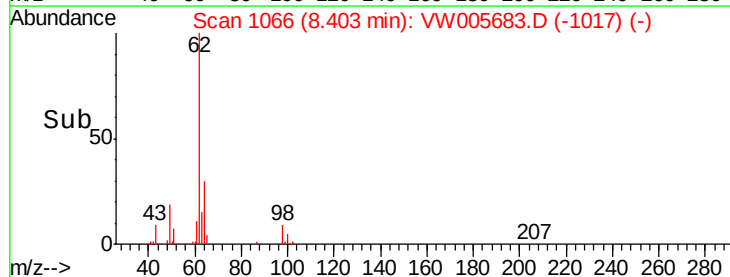
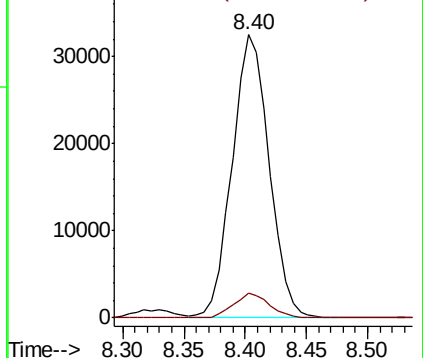
Tgt Ion:	62	Resp:	68079
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.6

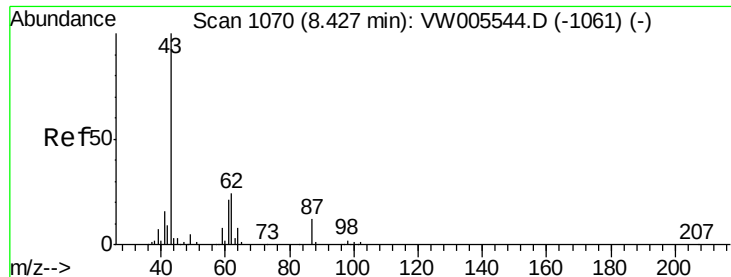


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.948 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBSD02

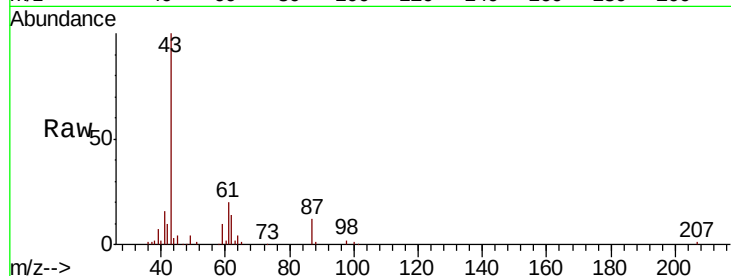
Tgt Ion: 43 Resp: 61377

Ion Ratio Lower Upper

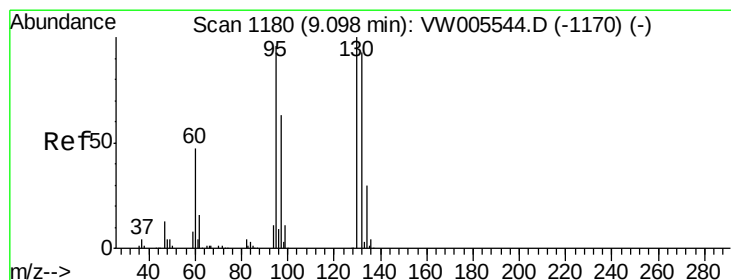
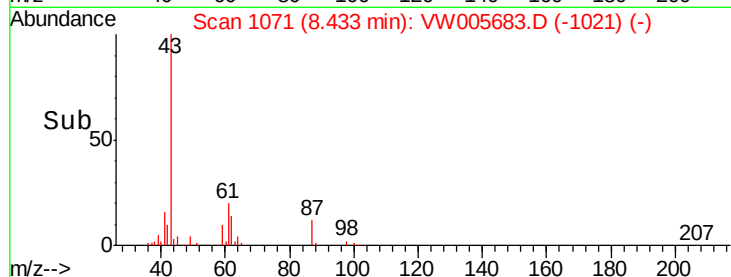
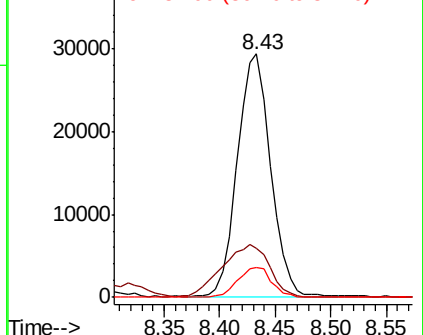
43 100

61 30.9 24.1 36.1

87 12.4 9.8 14.8



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: 21.002 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005683.D

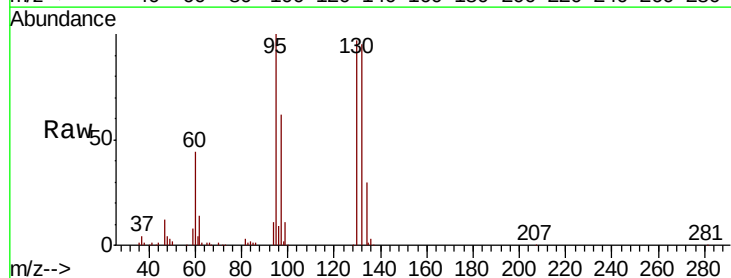
Acq: 27 Sep 2018 06:11

Tgt Ion: 130 Resp: 56641

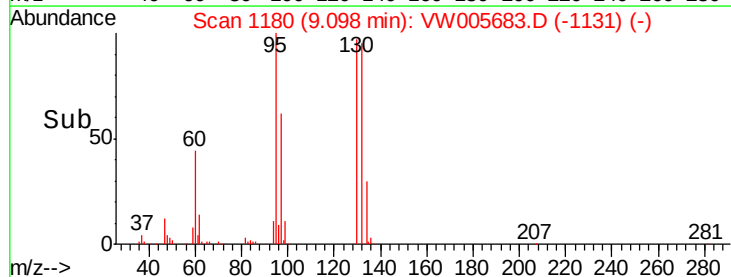
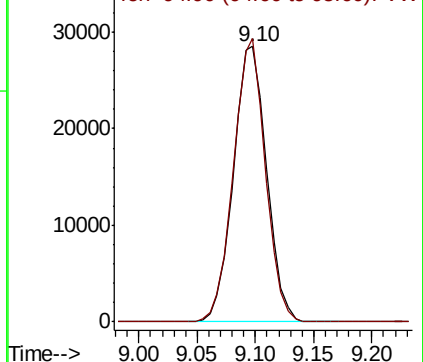
Ion Ratio Lower Upper

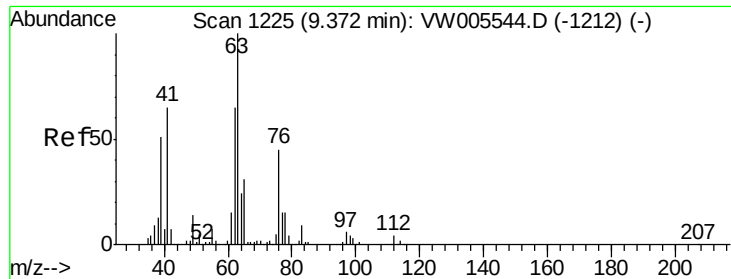
130 100

95 102.8 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

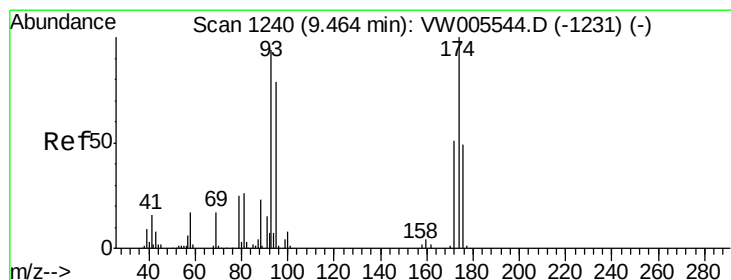
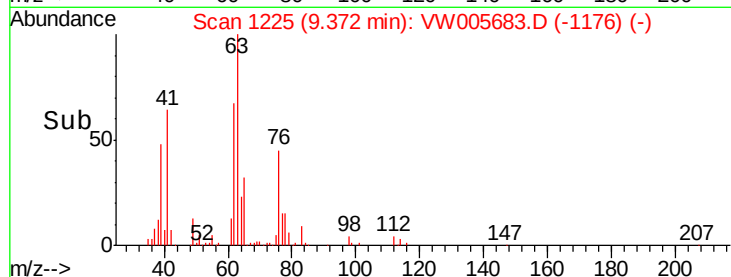
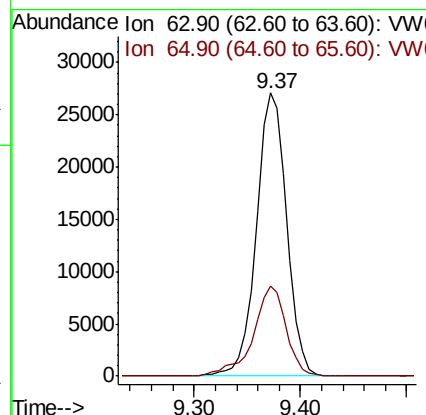
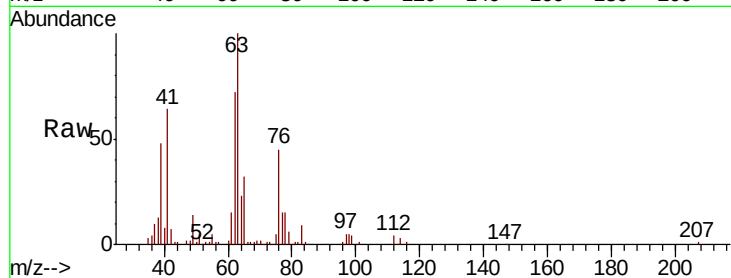




#45
 1,2-Dichloropropane
 Concen: 20.818 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

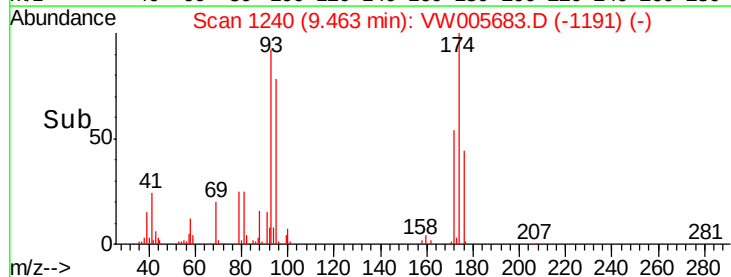
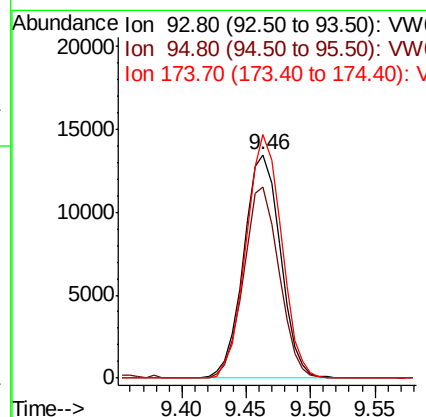
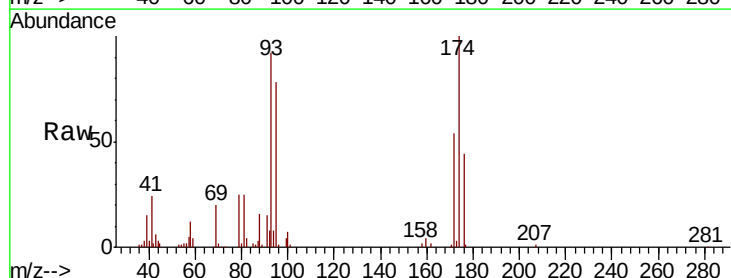
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

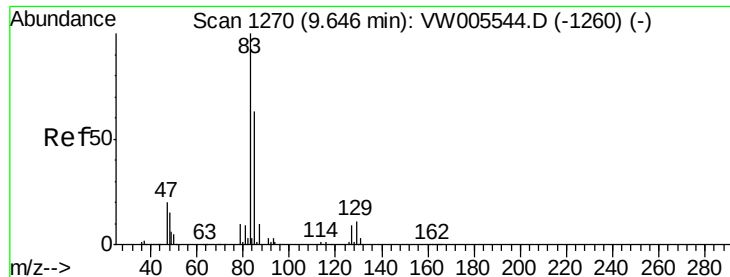
Tgt Ion: 63 Resp: 53965
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1



#46
 Dibromomethane
 Concen: 20.515 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 93 Resp: 26571
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.8
 174 105.1 84.0 126.0





#47

Bromodichloromethane

Concen: 20.284 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBSD02

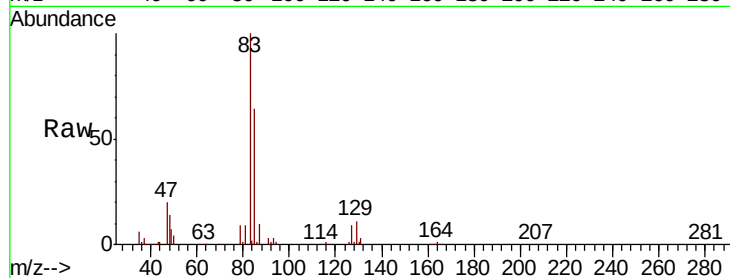
Tgt Ion: 83 Resp: 70574

Ion Ratio Lower Upper

83 100

85 63.6 50.5 75.7

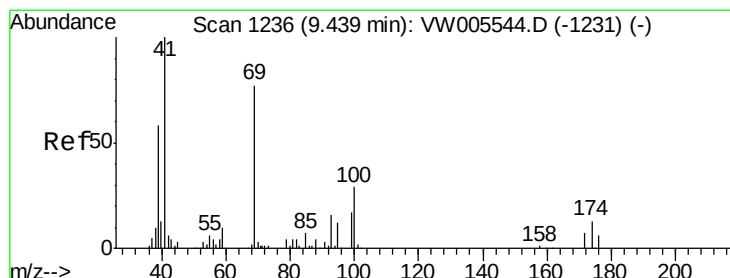
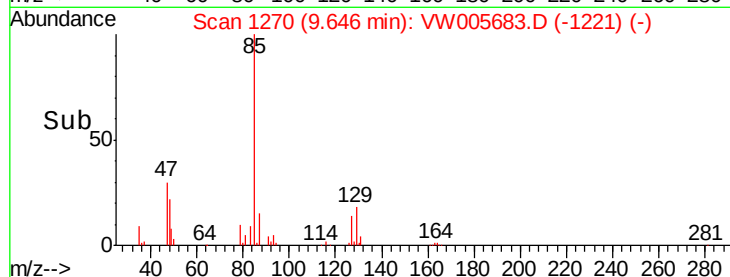
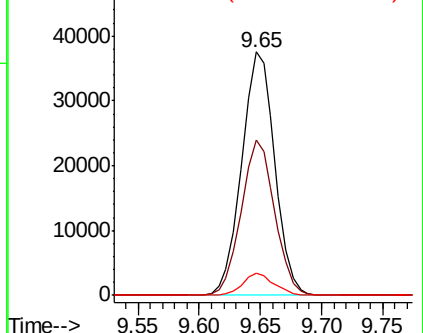
127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.822 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

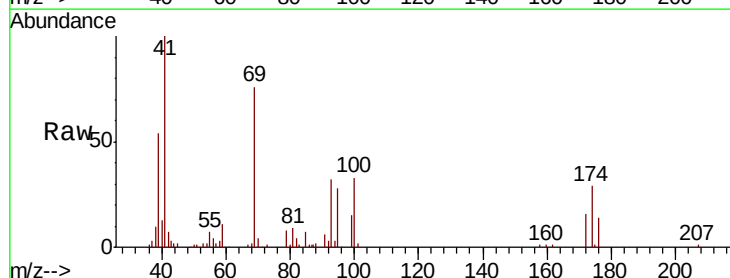
Tgt Ion: 41 Resp: 28968

Ion Ratio Lower Upper

41 100

69 84.9 64.7 97.1

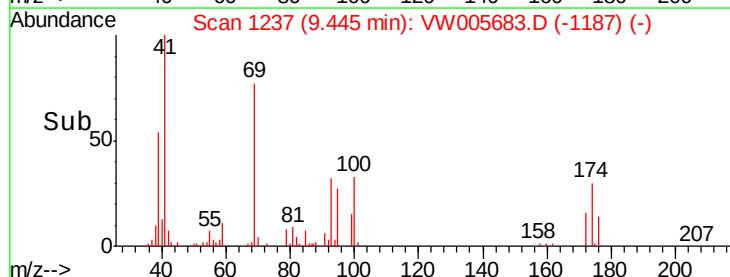
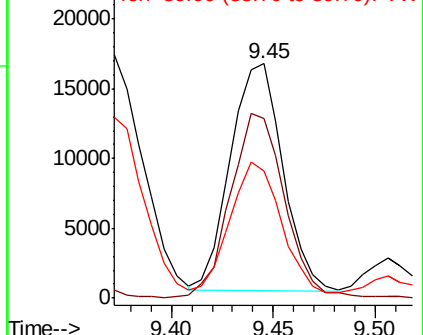
39 60.5 50.5 75.7

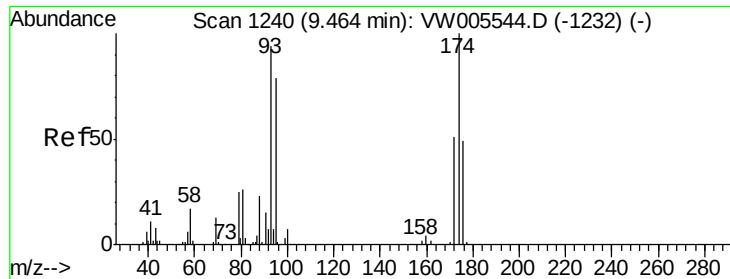


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

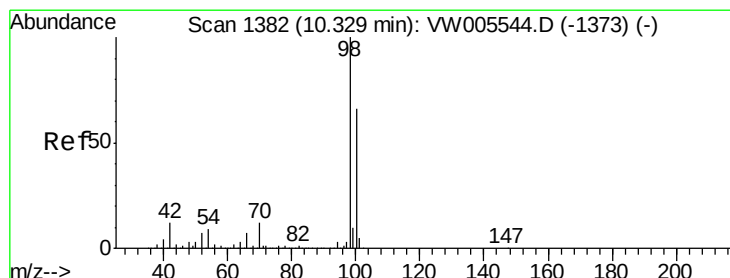
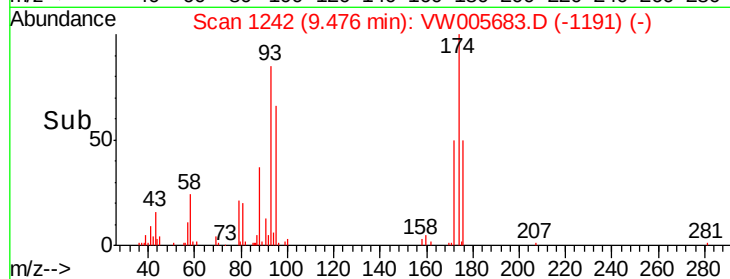
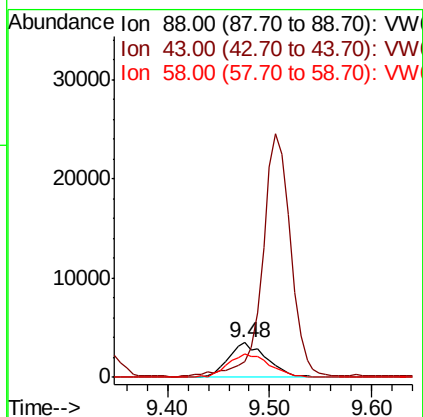
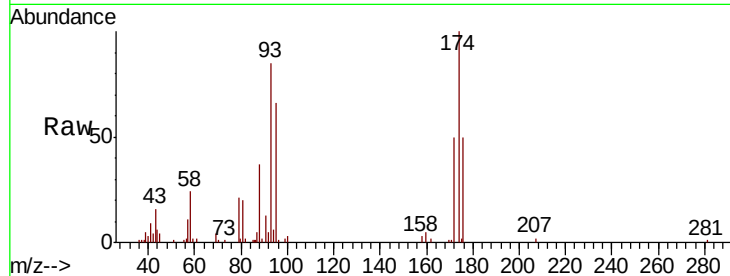




#49
1,4-Dioxane
Concen: 444.691 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

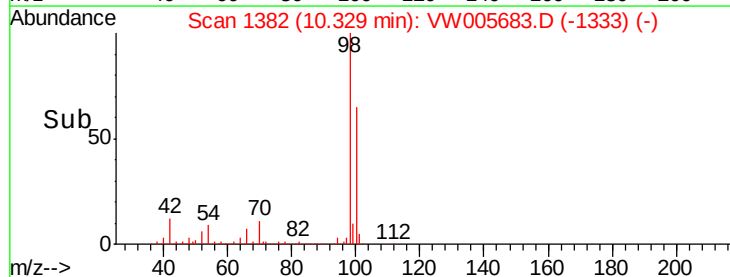
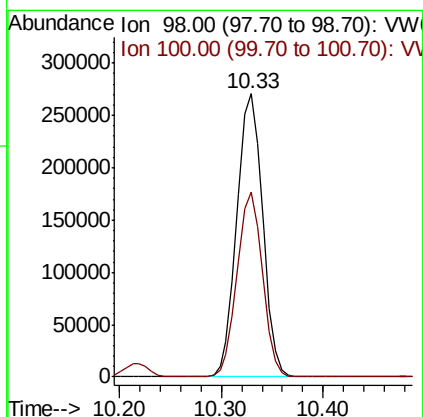
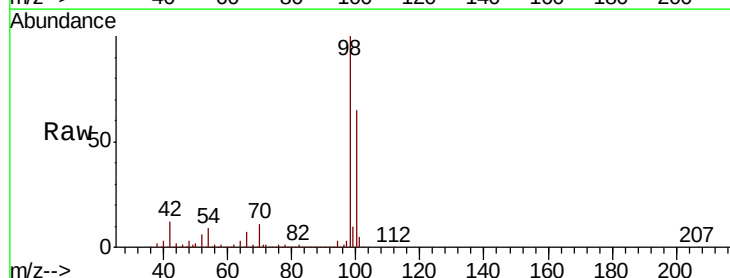
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

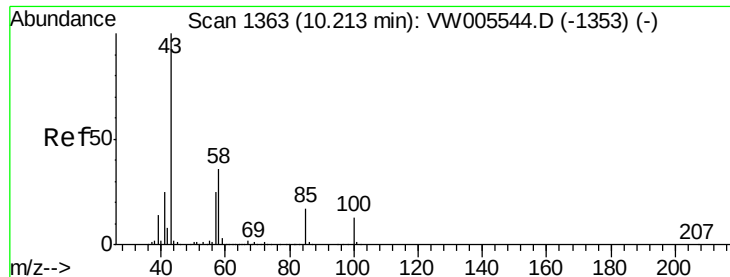
Tgt Ion: 88 Resp: 9157
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.5 61.2 91.8



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion: 98 Resp: 474421
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

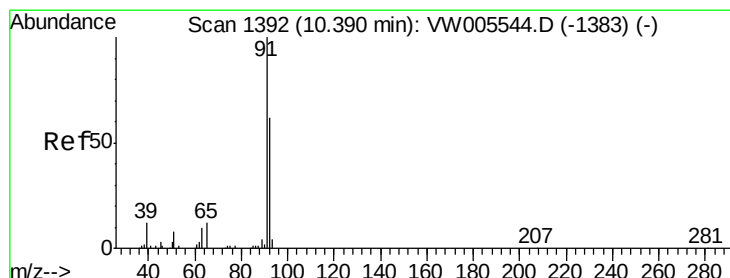
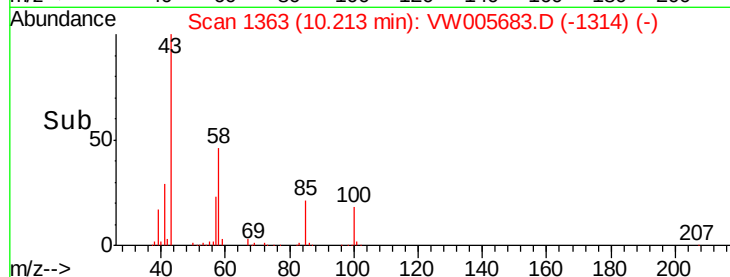
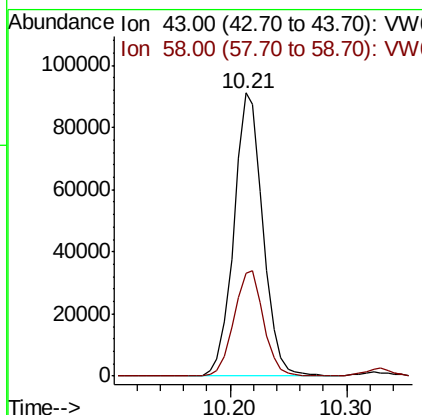
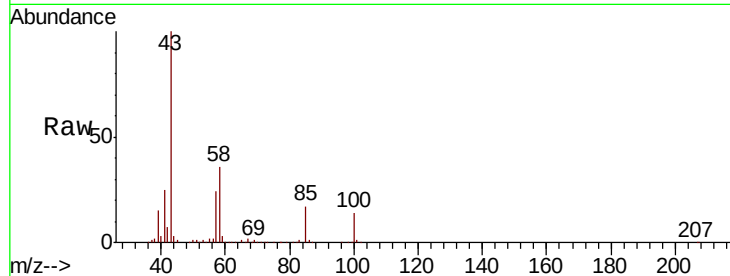




#51
 4-Methyl-2-Pentanone
 Concen: 101.580 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

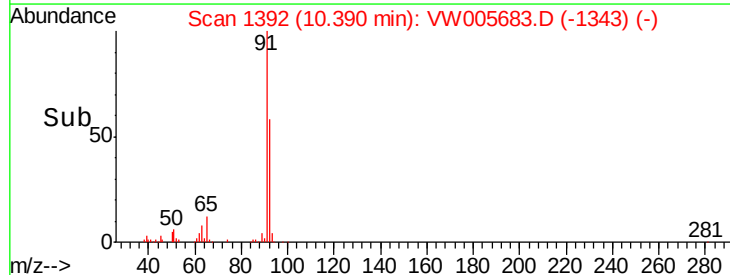
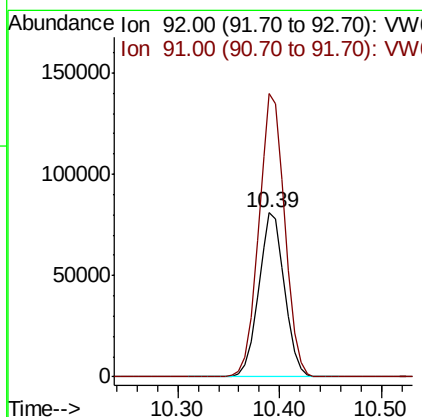
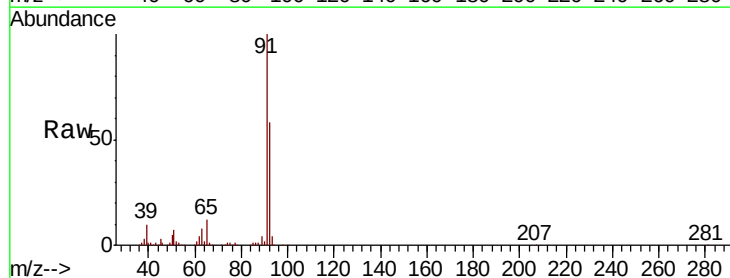
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

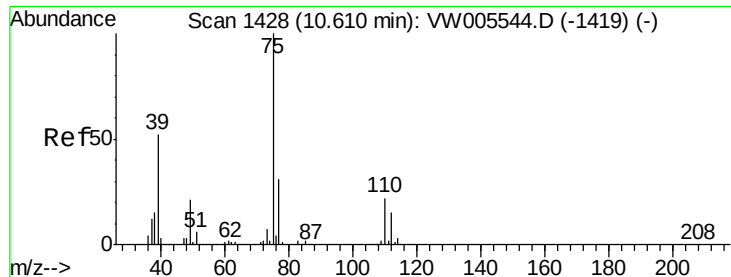
Tgt Ion: 43 Resp: 157416
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.0 45.0



#52
 Toluene
 Concen: 21.657 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 92 Resp: 142379
 Ion Ratio Lower Upper
 92 100
 91 173.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.111 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

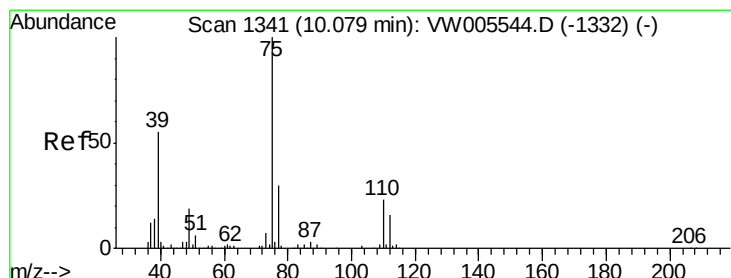
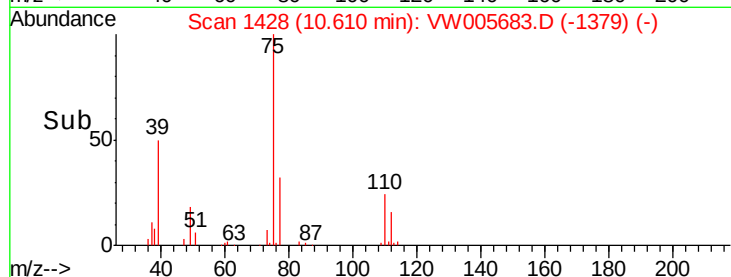
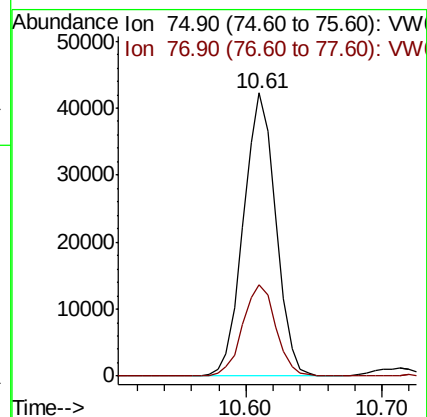
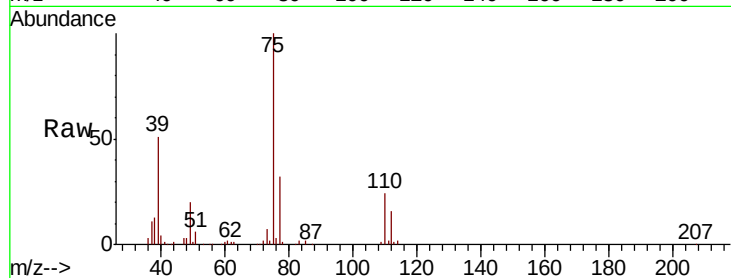
VW092618SBS02

Tgt Ion: 75 Resp: 70145

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.719 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

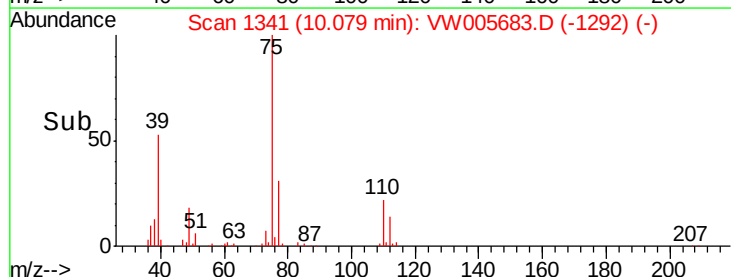
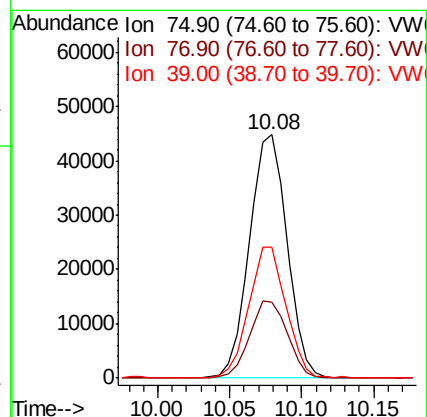
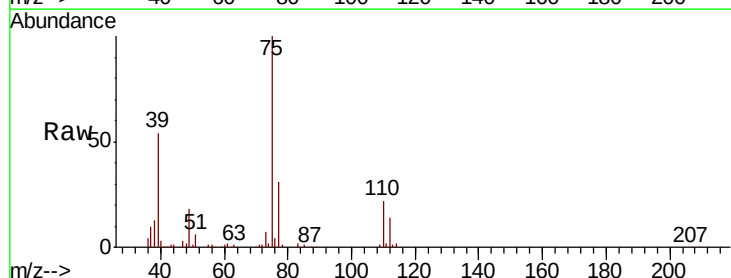
Tgt Ion: 75 Resp: 80970

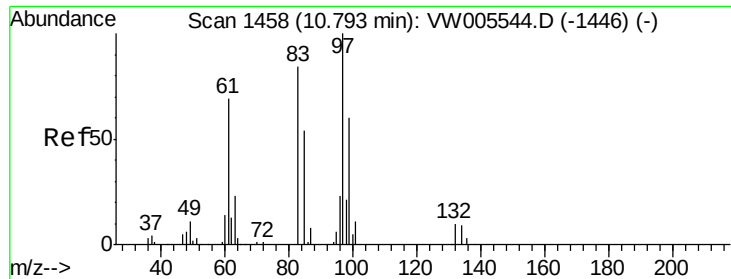
Ion Ratio Lower Upper

75 100

77 31.0 24.3 36.5

39 53.4 43.7 65.5

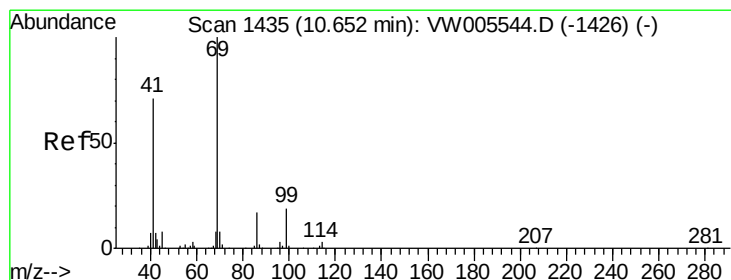
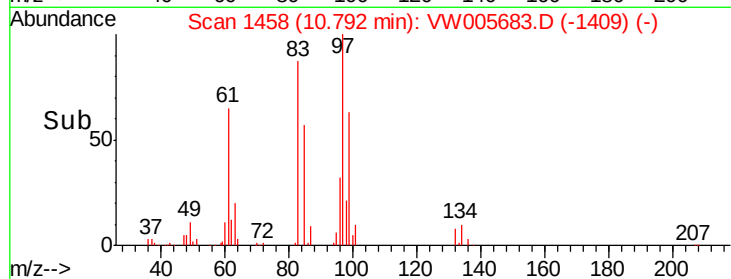
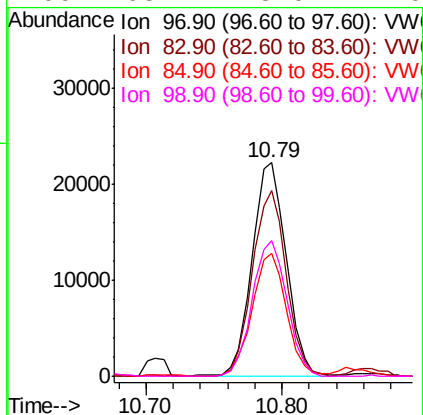
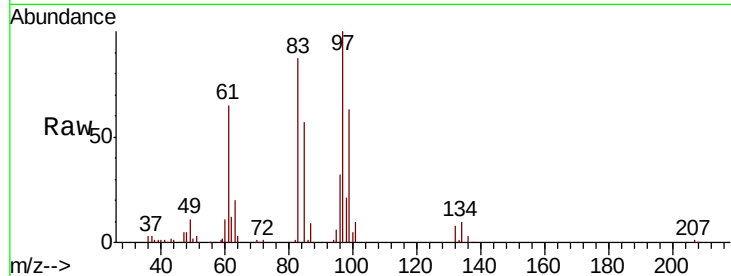




#55
 1,1,2-Trichloroethane
 Concen: 21.421 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

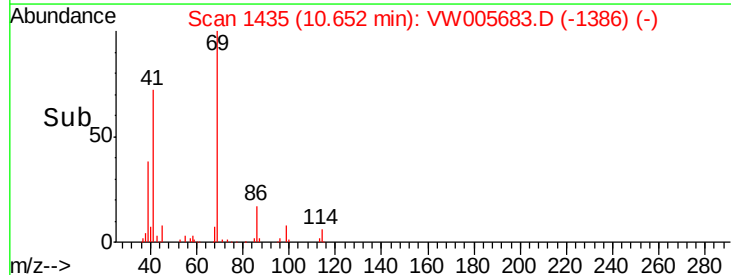
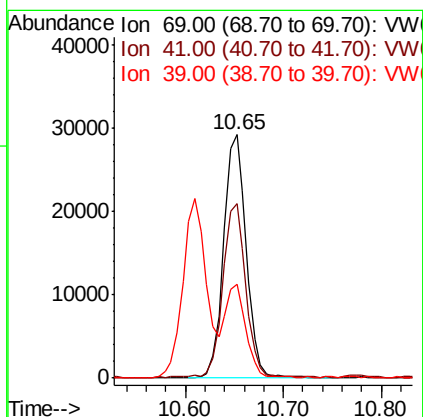
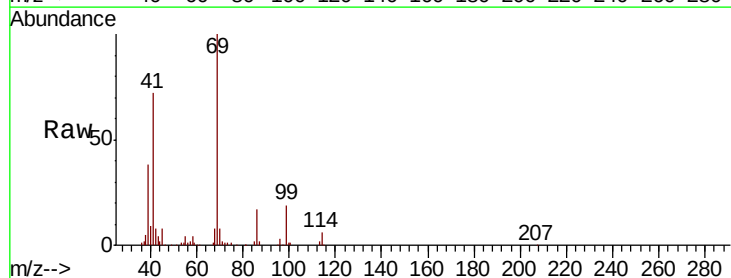
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

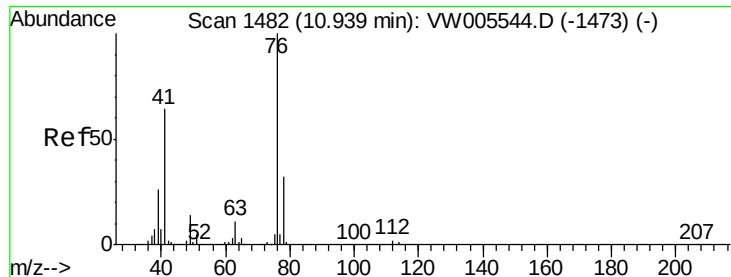
Tgt Ion:	97	Resp:	39383
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.4	101.2
85	57.3	43.3	64.9
99	63.4	48.0	72.0



#56
 Ethyl methacrylate
 Concen: 20.685 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion:	69	Resp:	46946
Ion	Ratio	Lower	Upper
69	100		
41	73.9	57.3	85.9
39	35.2	29.2	43.8

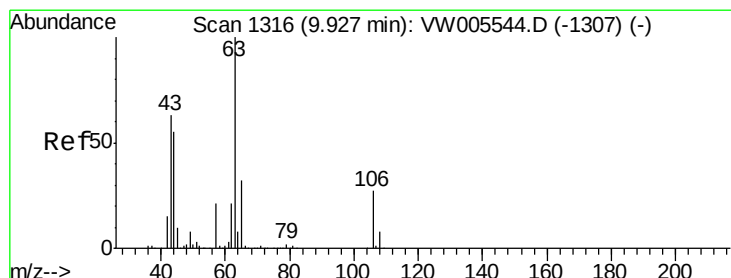
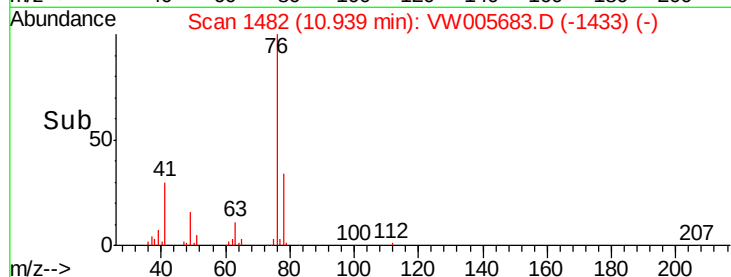
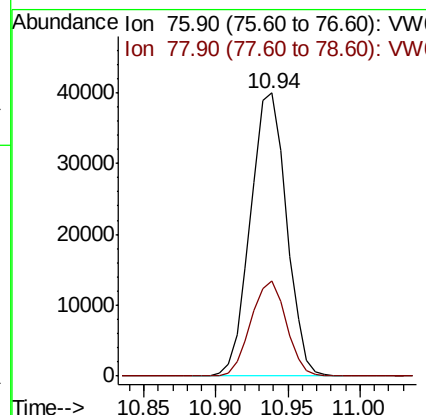
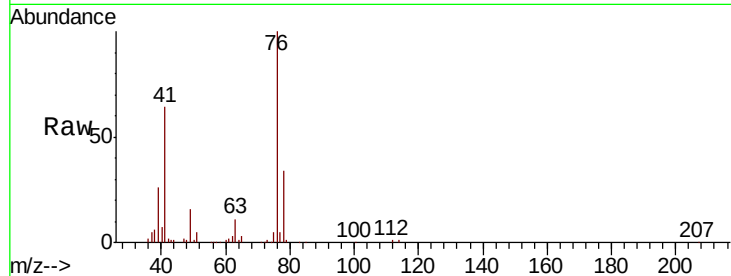




#57
 1,3-Dichloropropane
 Concen: 21.220 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

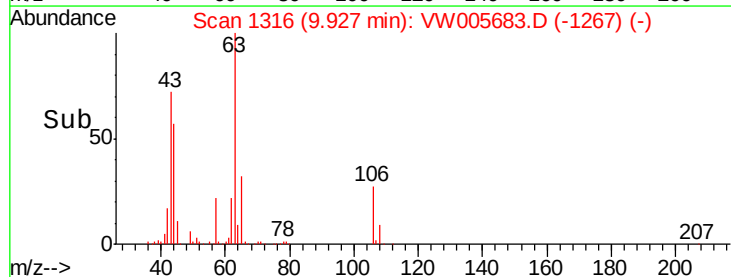
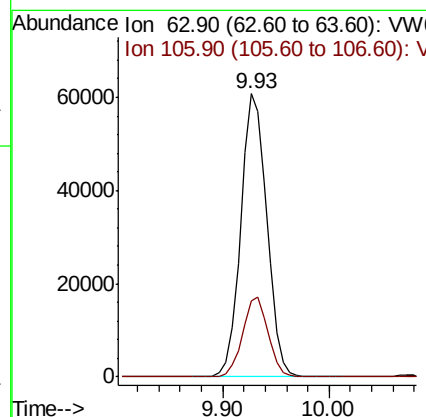
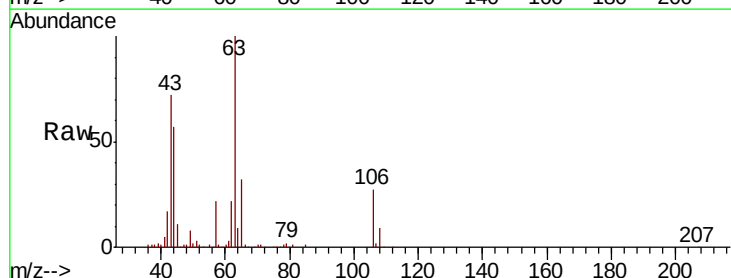
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

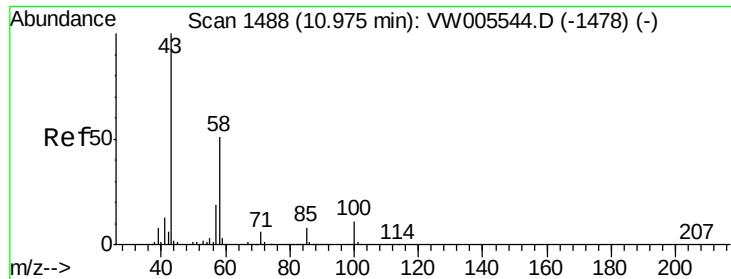
Tgt Ion: 76 Resp: 69143
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.553 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 63 Resp: 104477
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.6 32.4

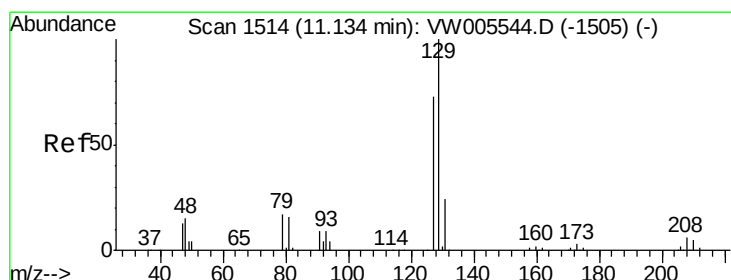
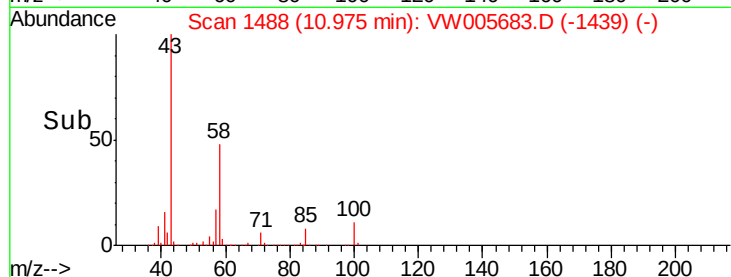
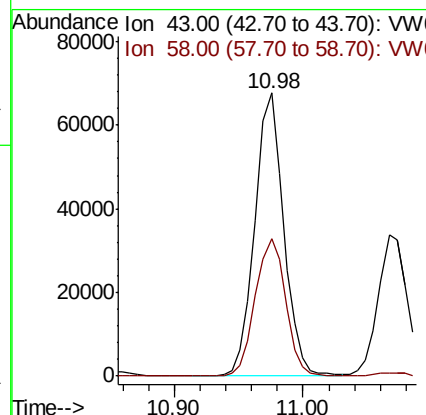
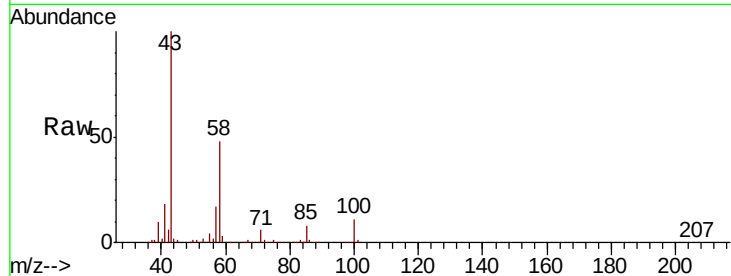




#59
2-Hexanone
Concen: 99.512 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

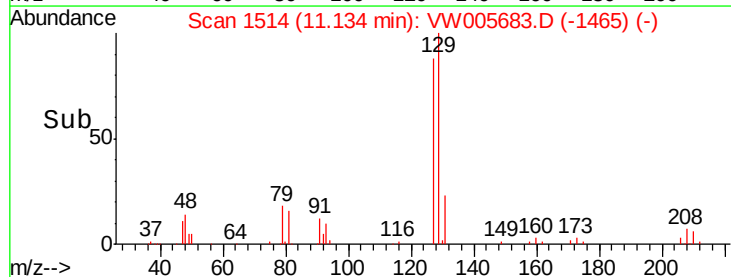
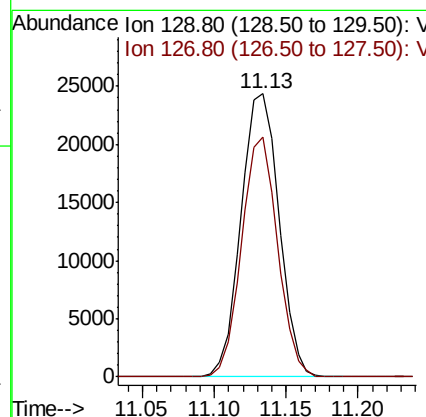
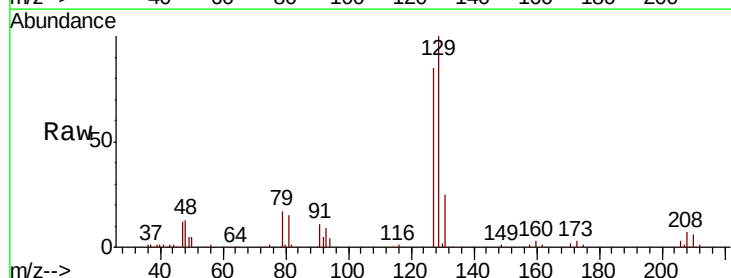
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

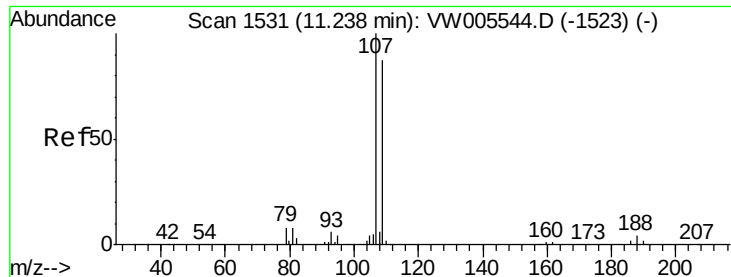
Tgt Ion: 43 Resp: 104760
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.9



#60
Dibromochloromethane
Concen: 20.147 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion: 129 Resp: 44755
Ion Ratio Lower Upper
129 100
127 80.1 38.5 115.5

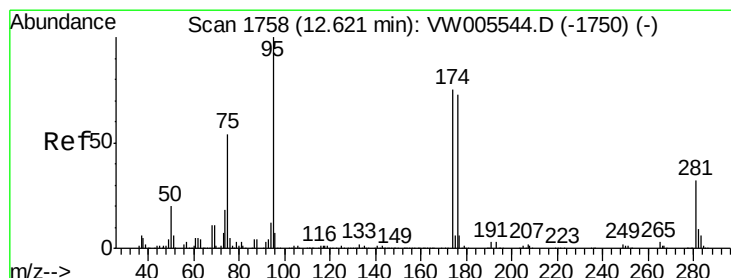
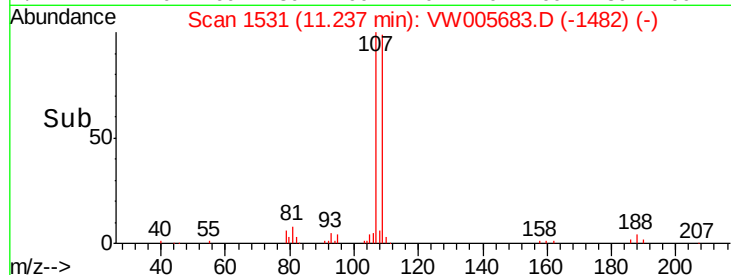
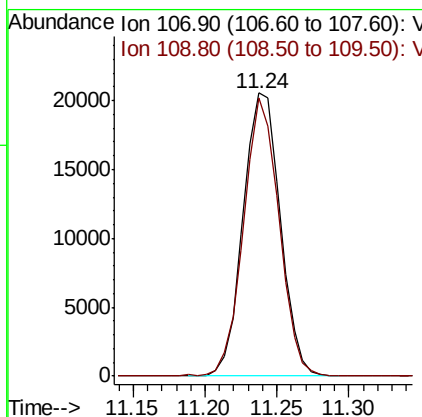
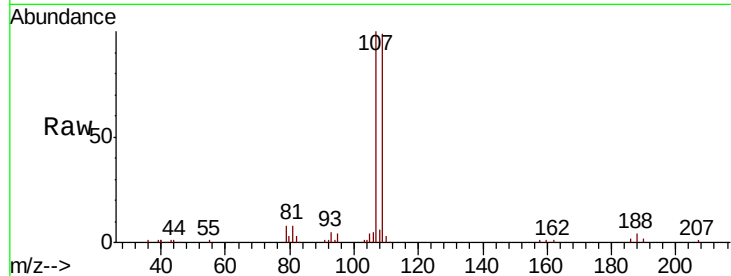




#61
 1,2-Dibromoethane
 Concen: 21.420 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

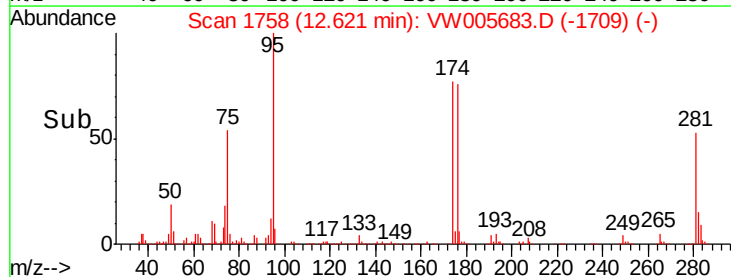
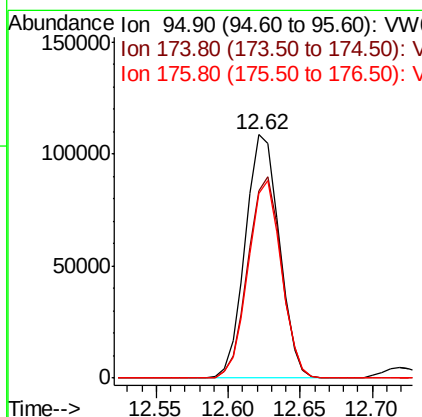
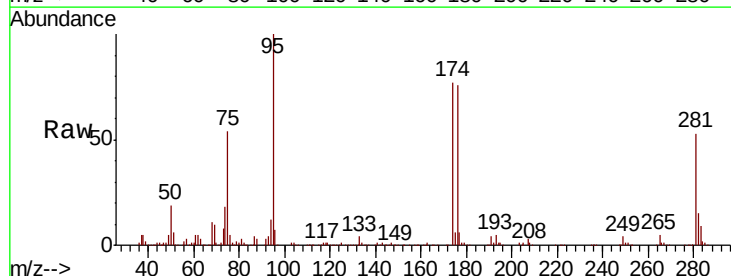
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

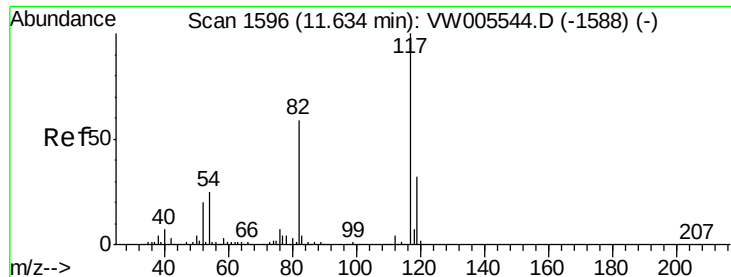
Tgt Ion: 107 Resp: 36717
 Ion Ratio Lower Upper
 107 100
 109 93.8 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 50.606 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 95 Resp: 177125
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 163.8
 176 79.4 0.0 158.0

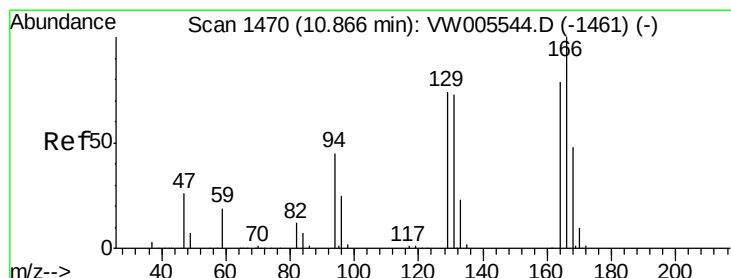
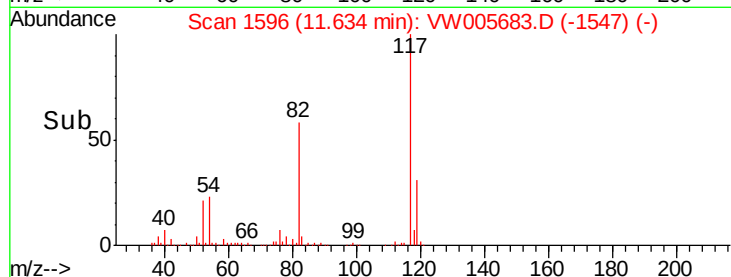
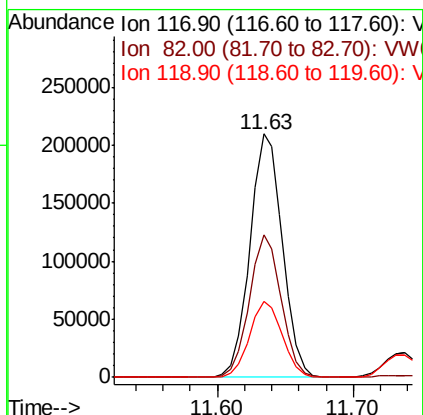
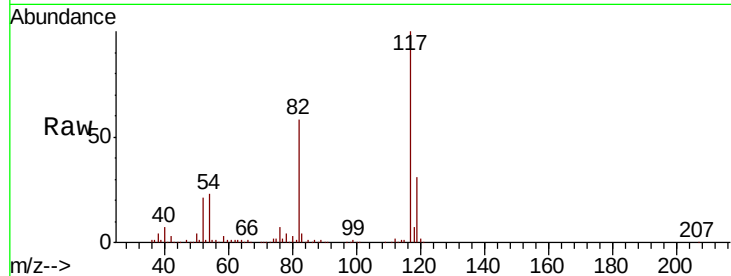




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

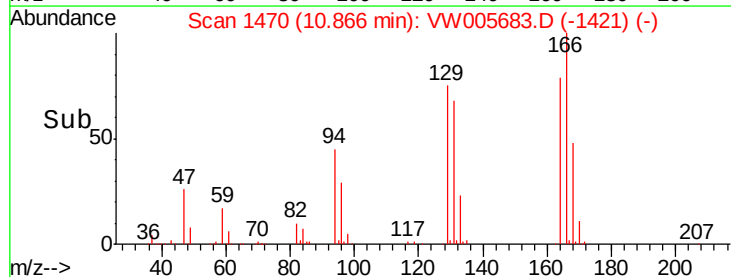
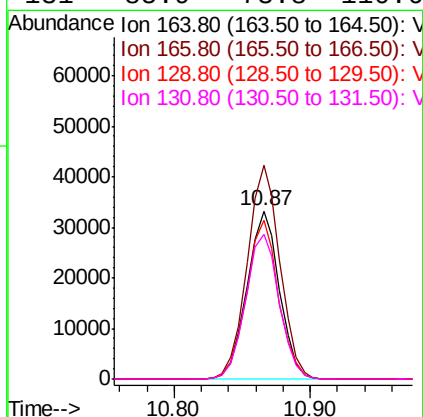
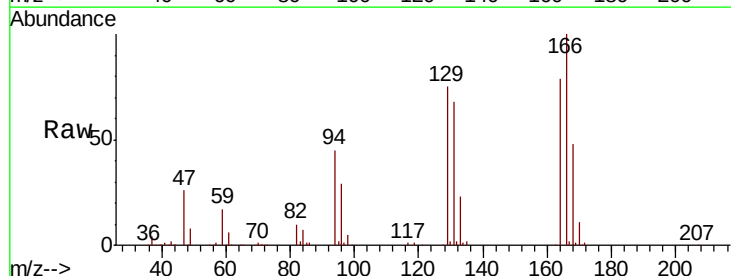
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

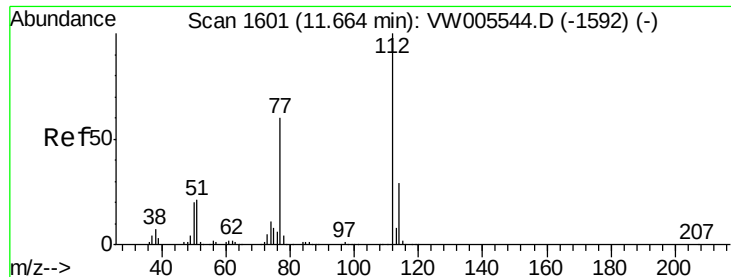
Tgt Ion:117 Resp: 350291
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 31.1 25.7 38.5



#64
Tetrachloroethene
Concen: 22.285 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion:164 Resp: 55404
Ion Ratio Lower Upper
164 100
166 127.0 101.1 151.7
129 94.7 74.4 111.6
131 85.9 73.8 110.6

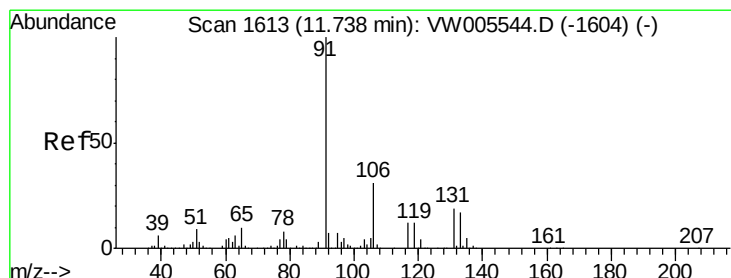
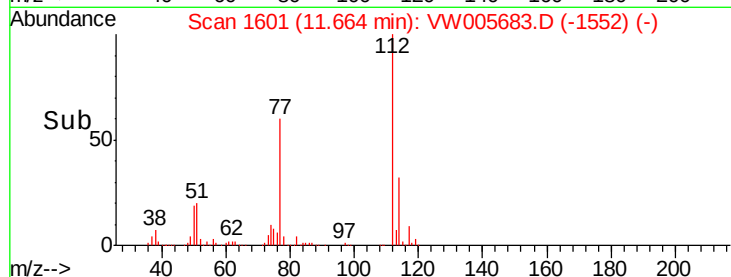
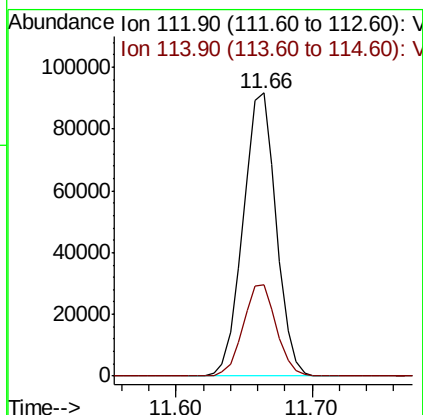
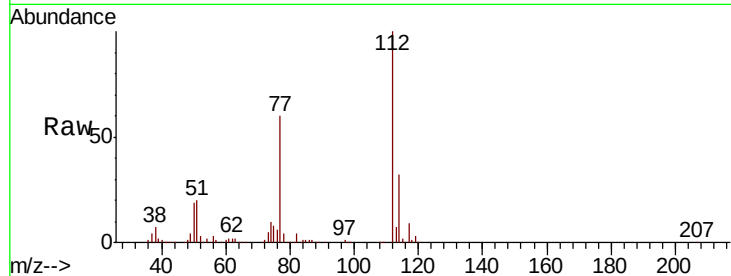




#65
Chlorobenzene
Concen: 21.001 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

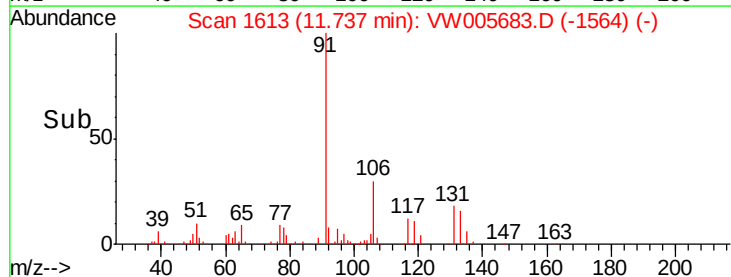
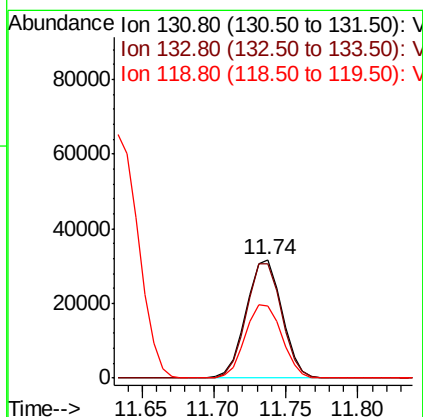
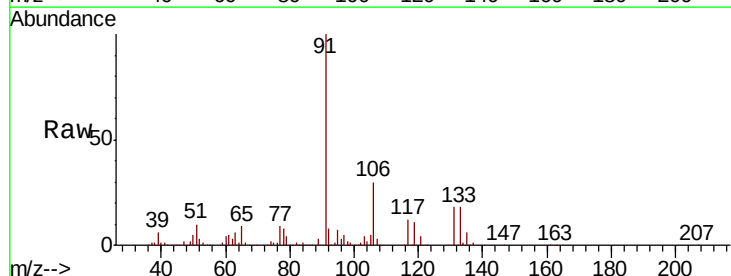
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

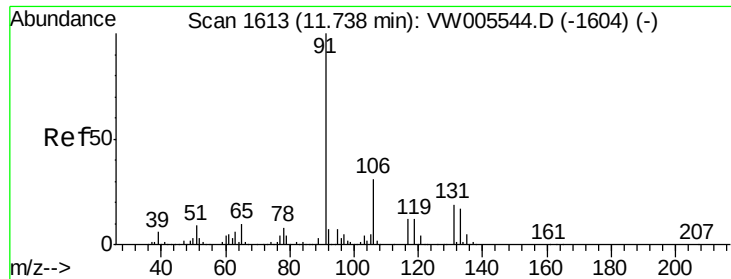
Tgt Ion:112 Resp: 156171
Ion Ratio Lower Upper
112 100
114 32.3 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.464 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion:131 Resp: 54769
Ion Ratio Lower Upper
131 100
133 95.8 47.2 141.6
119 63.3 31.1 93.2





#67

Ethyl Benzene

Concen: 20.884 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

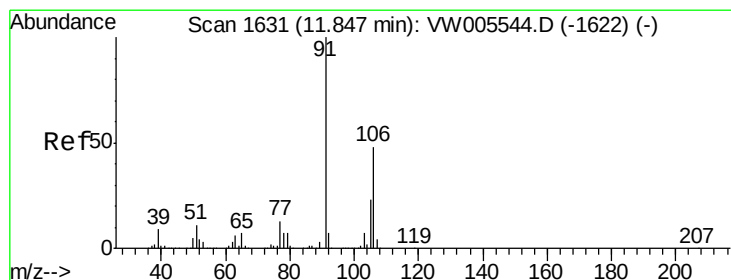
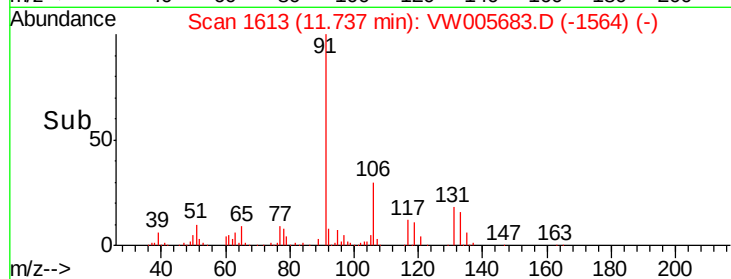
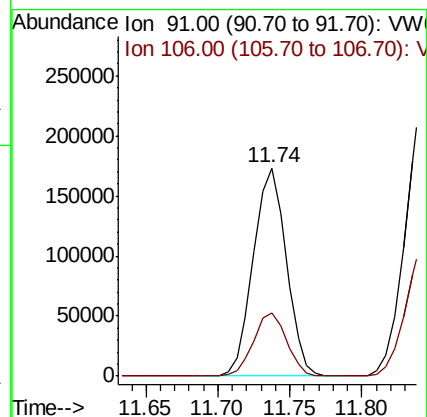
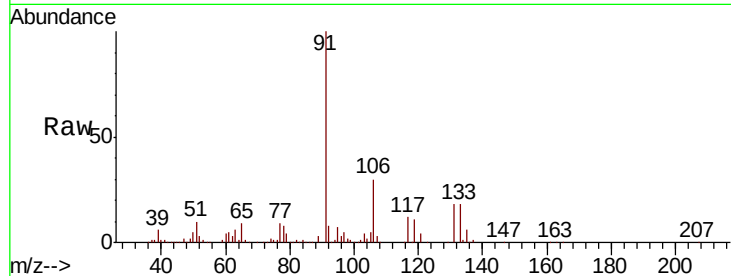
VW092618SBS02

Tgt Ion: 91 Resp: 275660

Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6



#68

m/p-Xylenes

Concen: 42.424 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005683.D

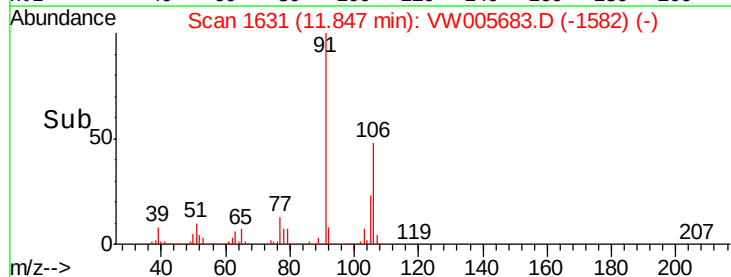
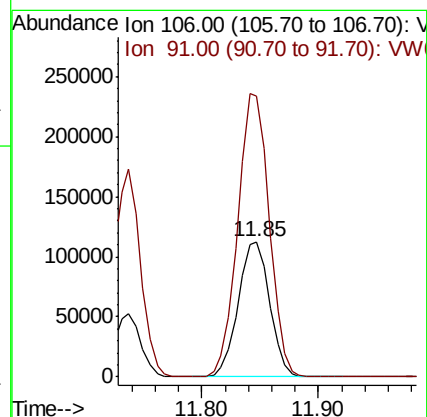
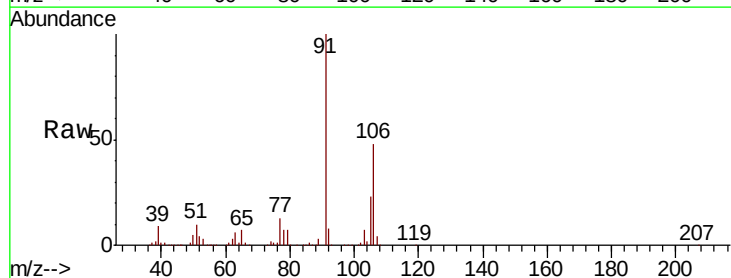
Acq: 27 Sep 2018 06:11

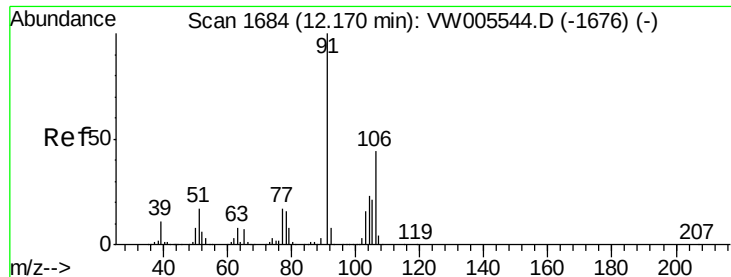
Tgt Ion: 106 Resp: 211561

Ion Ratio Lower Upper

106 100

91 209.7 167.8 251.8

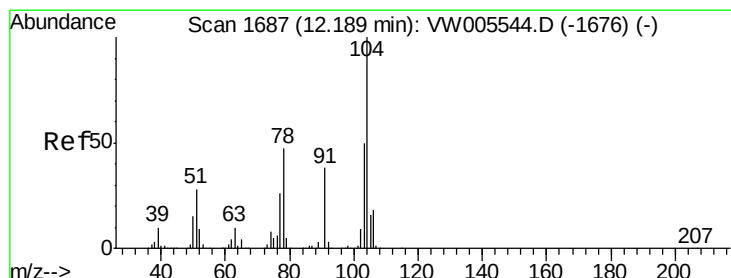
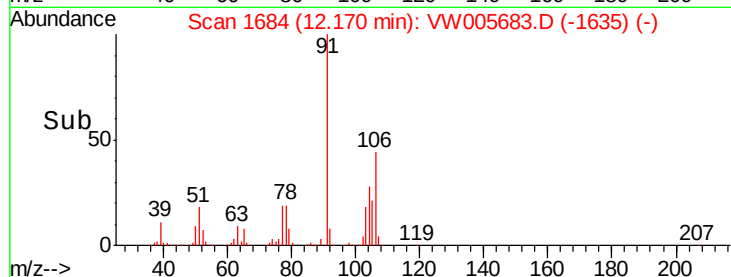
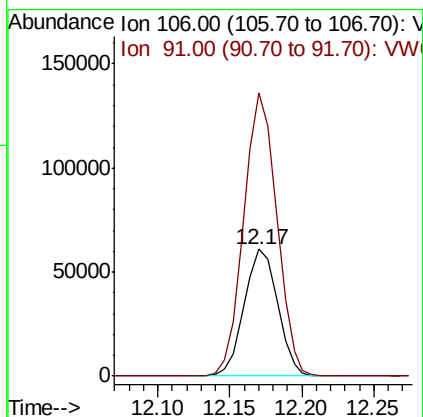
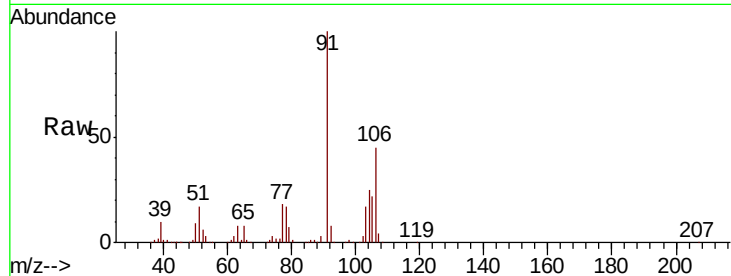




#69
o-Xylene
Concen: 21.042 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

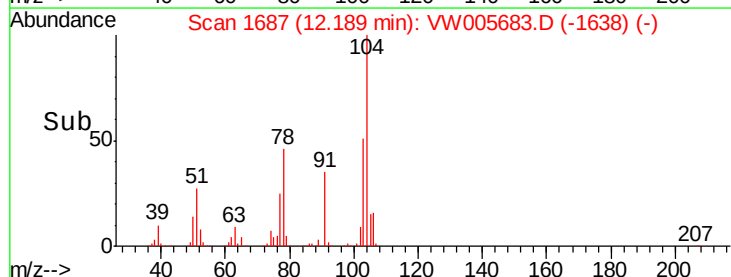
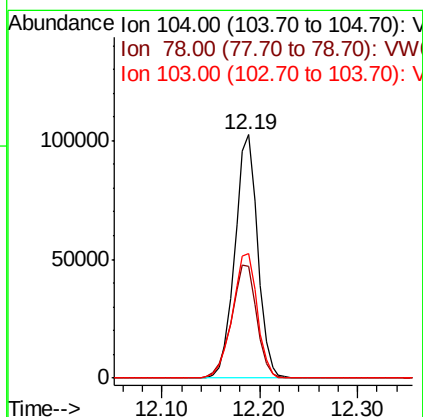
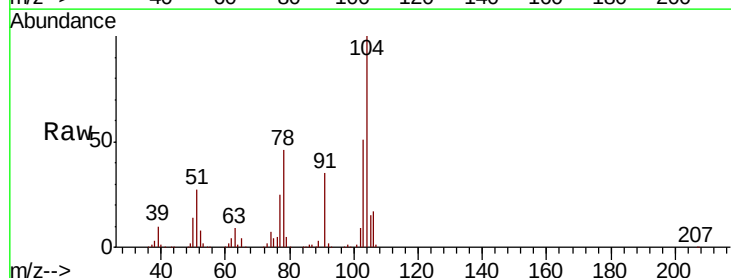
Instrument :
MSVOA_W
ClientSampleId :
VW092618SBSD02

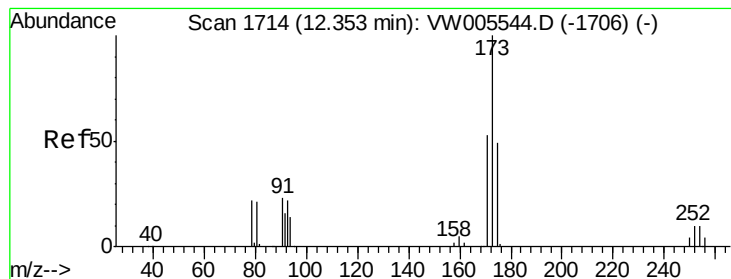
Tgt Ion:106 Resp: 98275
Ion Ratio Lower Upper
106 100
91 220.5 111.0 333.0



#70
Styrene
Concen: 21.085 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion:104 Resp: 165718
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.4
103 55.8 44.6 66.8





#71

Bromoform

Concen: 19.978 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBSD02

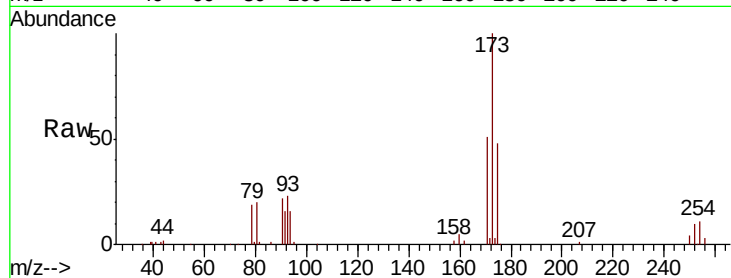
Tgt Ion:173 Resp: 28382

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

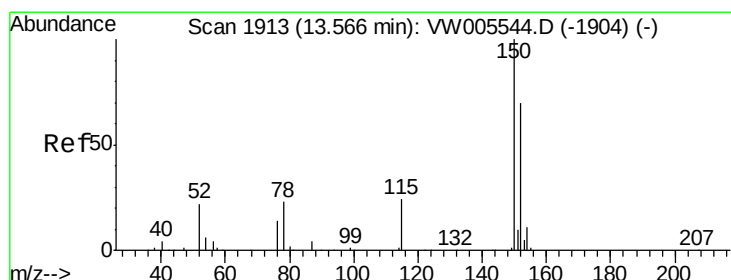
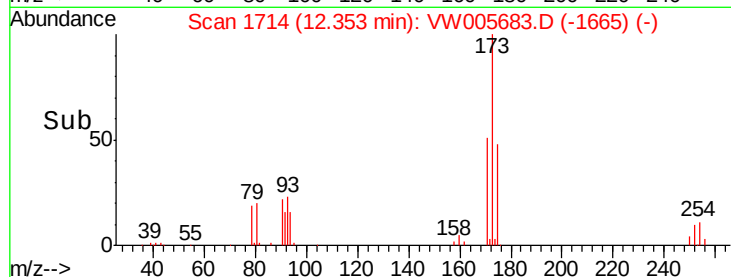
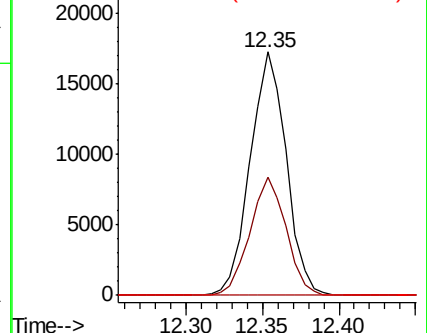
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

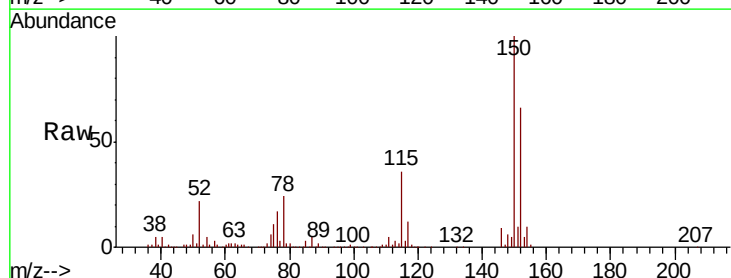
Tgt Ion:152 Resp: 186536

Ion Ratio Lower Upper

152 100

115 56.9 30.0 90.0

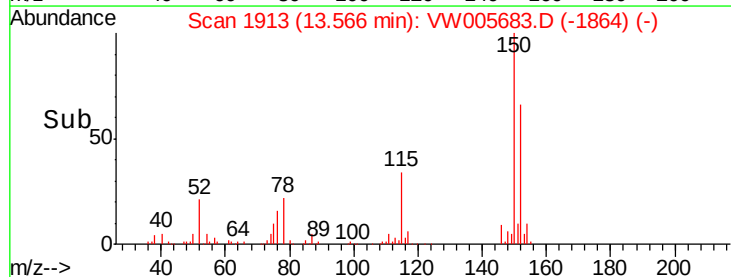
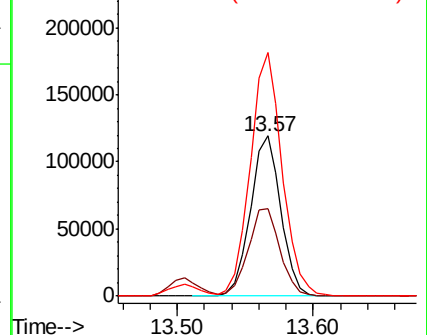
150 159.4 0.0 348.6

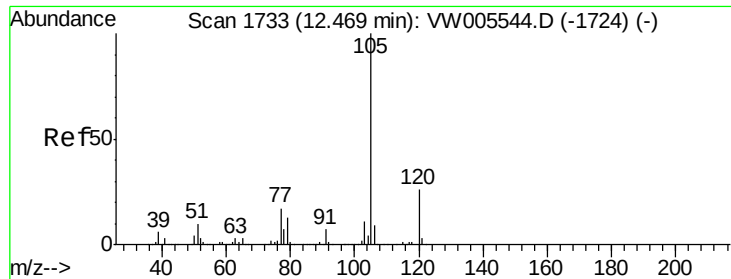


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.587 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

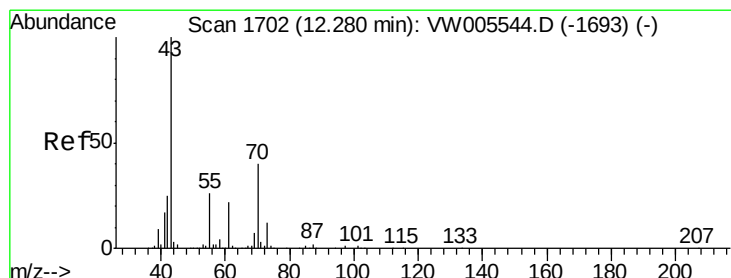
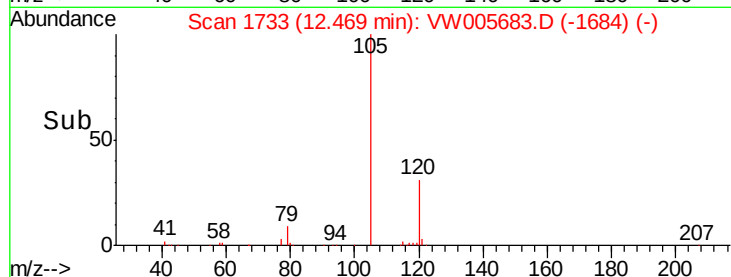
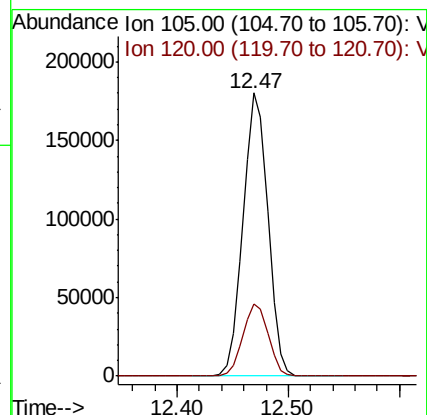
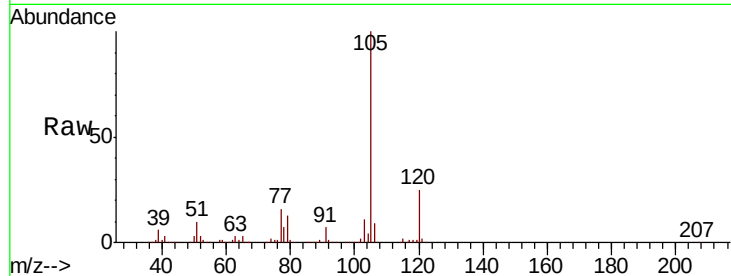
VW092618SBSD02

Tgt Ion: 105 Resp: 279241

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



#74

N-ethyl acetate

Concen: 19.978 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Tgt Ion: 43 Resp: 58519

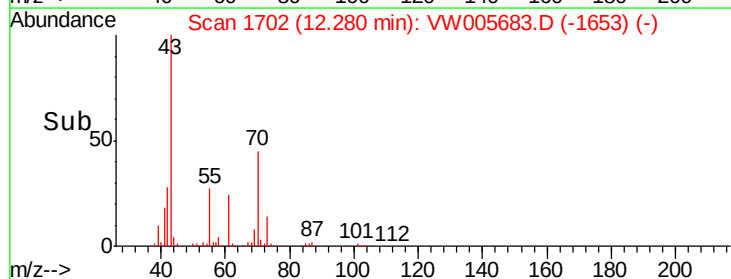
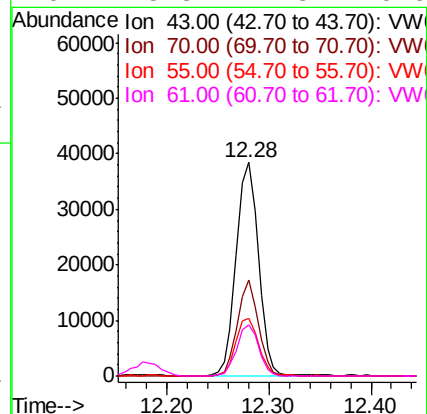
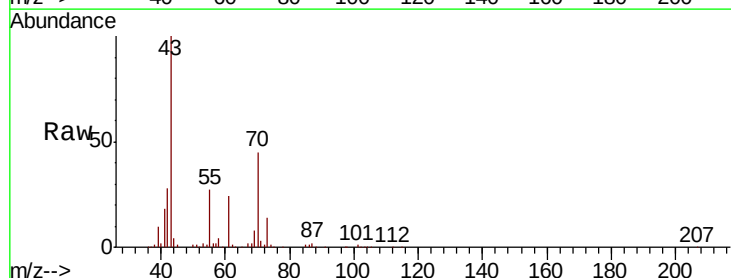
Ion Ratio Lower Upper

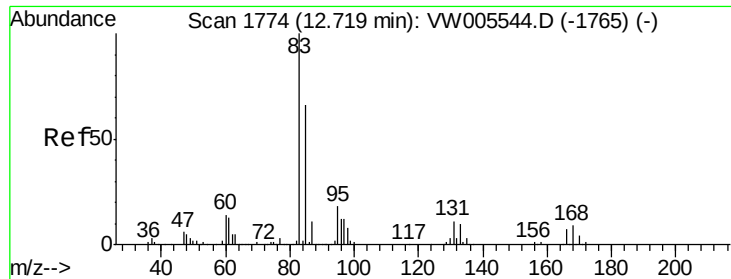
43 100

70 41.7 31.4 47.0

55 27.5 20.9 31.3

61 23.3 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.296 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBSD02

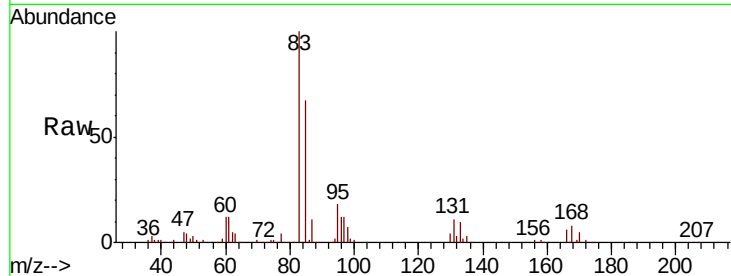
Tgt Ion: 83 Resp: 45759

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

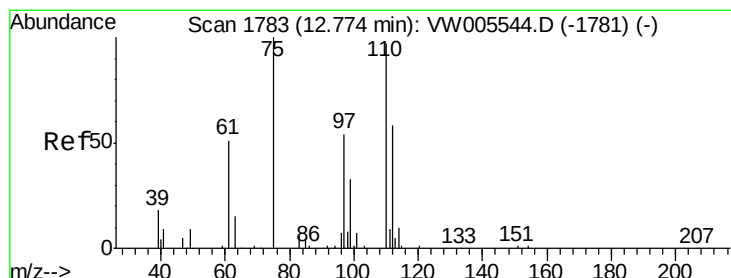
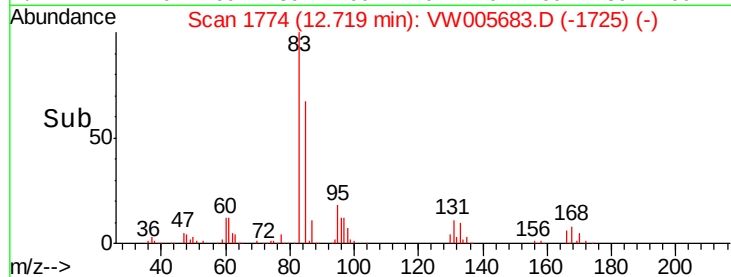
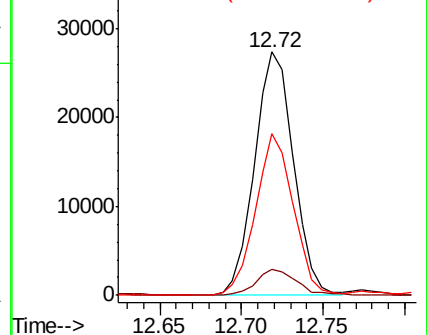
85 63.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.515 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005683.D

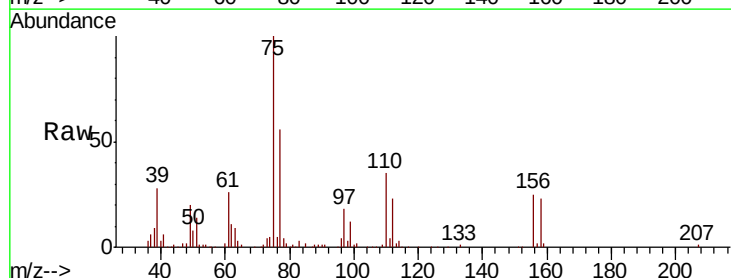
Acq: 27 Sep 2018 06:11

Tgt Ion: 75 Resp: 61242

Ion Ratio Lower Upper

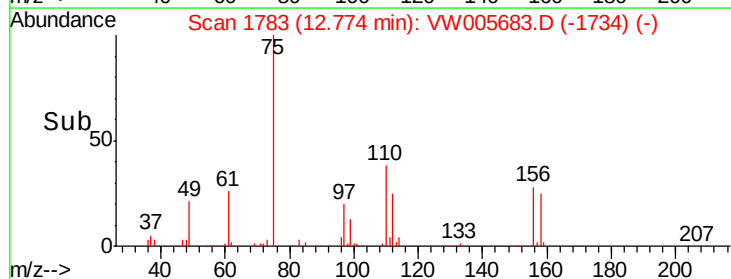
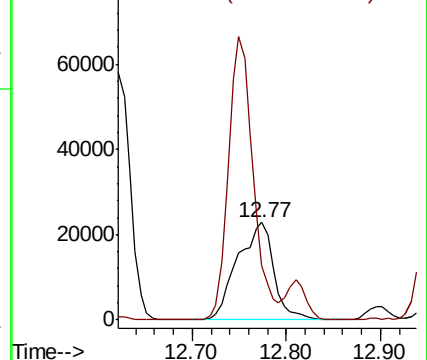
75 100

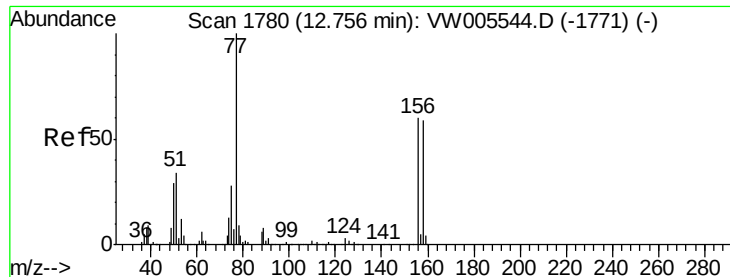
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.709 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBSD02

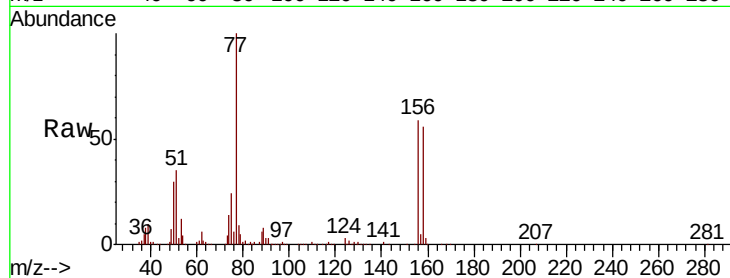
Tgt Ion:156 Resp: 65820

Ion Ratio Lower Upper

156 100

77 184.9 94.7 284.1

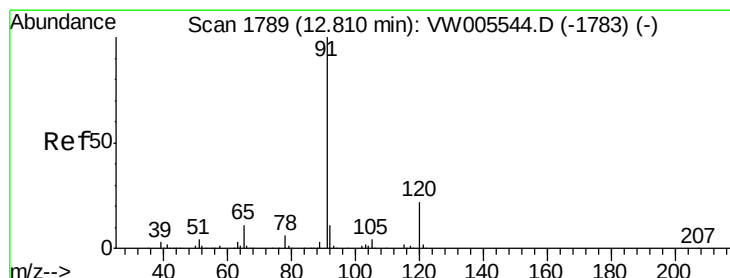
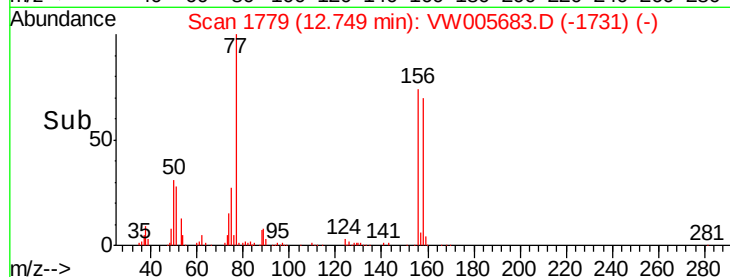
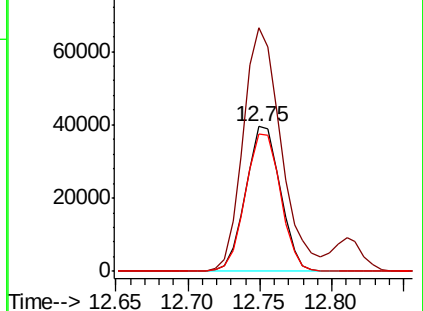
158 95.7 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.161 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005683.D

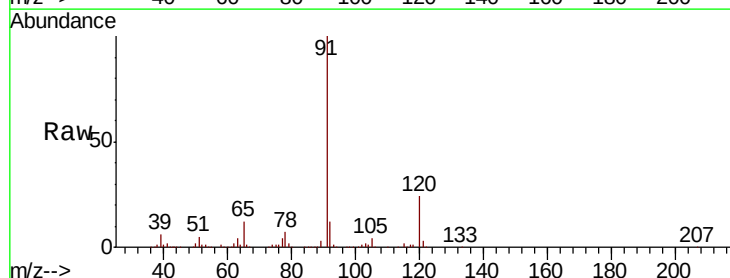
Acq: 27 Sep 2018 06:11

Tgt Ion: 91 Resp: 331405

Ion Ratio Lower Upper

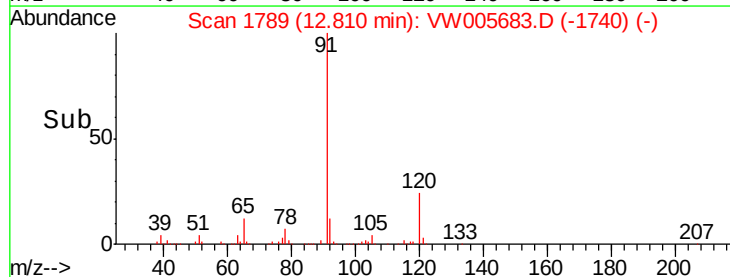
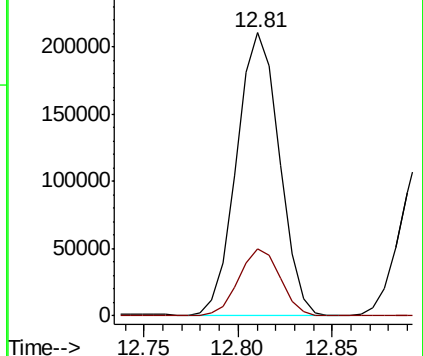
91 100

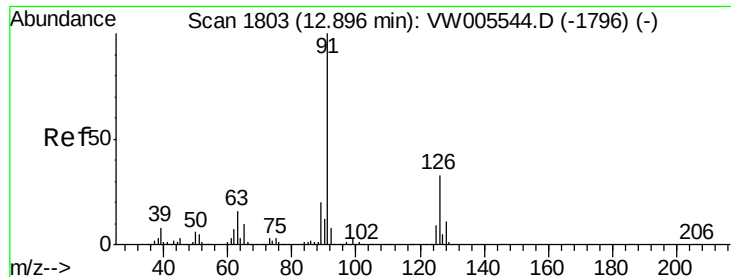
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.346 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

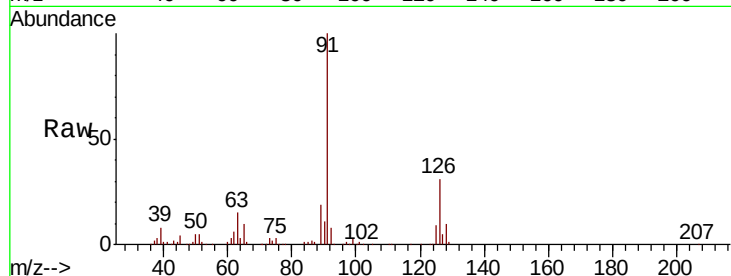
VW092618SBSD02

Tgt Ion: 91 Resp: 193417

Ion Ratio Lower Upper

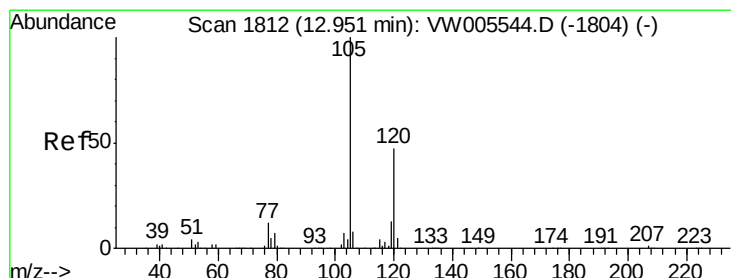
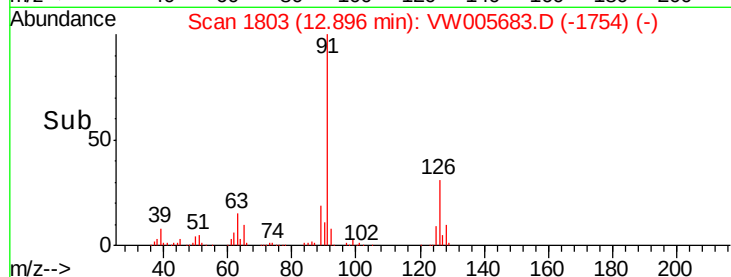
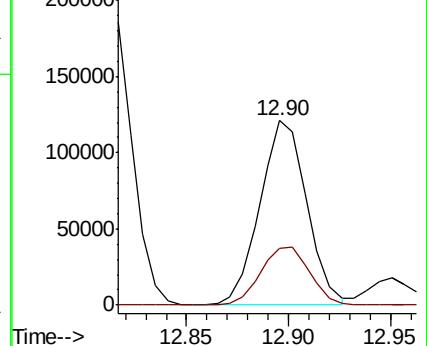
91 100

126 33.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.027 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005683.D

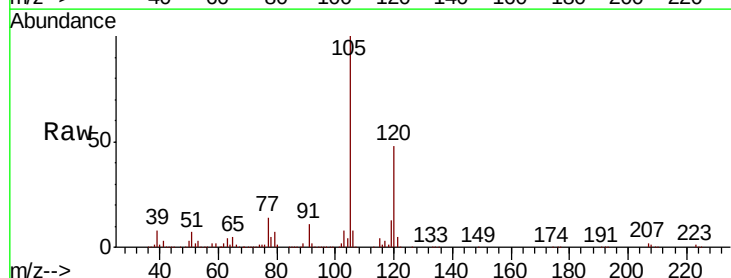
Acq: 27 Sep 2018 06:11

Tgt Ion: 105 Resp: 236519

Ion Ratio Lower Upper

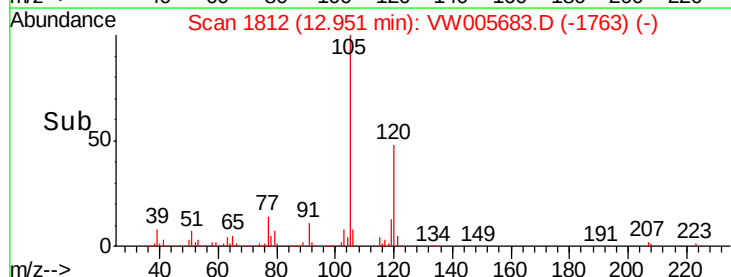
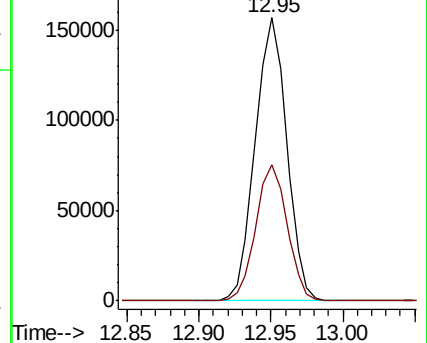
105 100

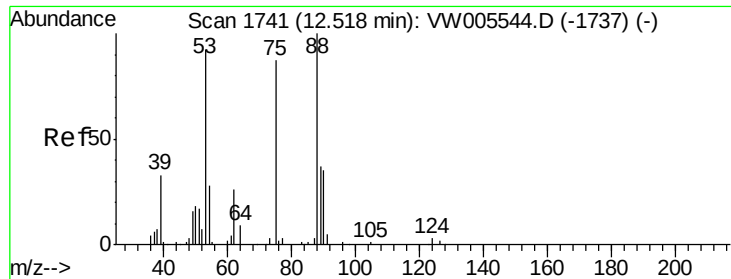
120 48.1 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

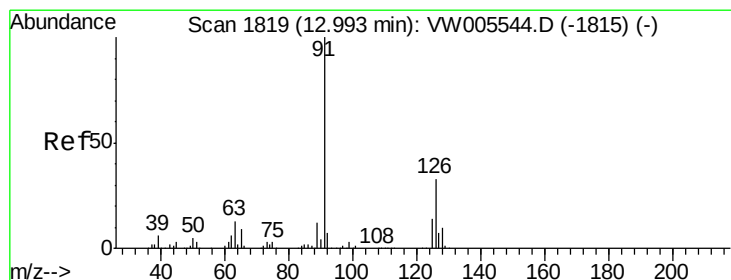
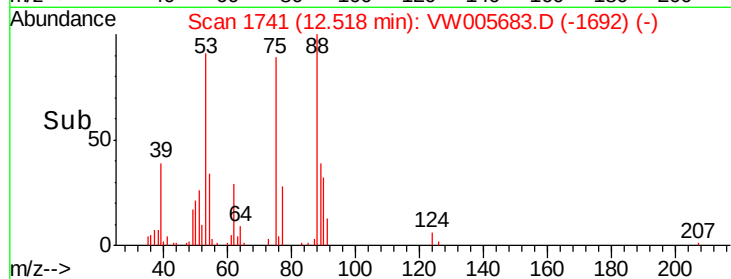
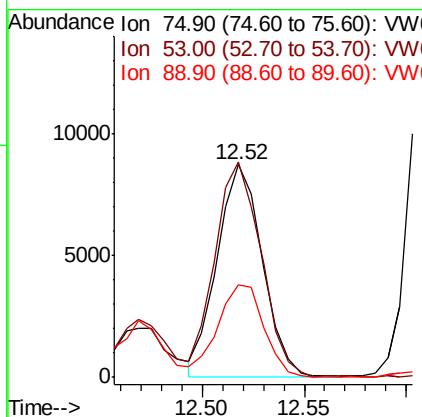
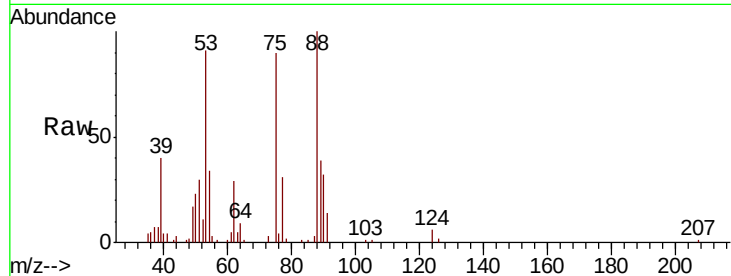




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.063 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

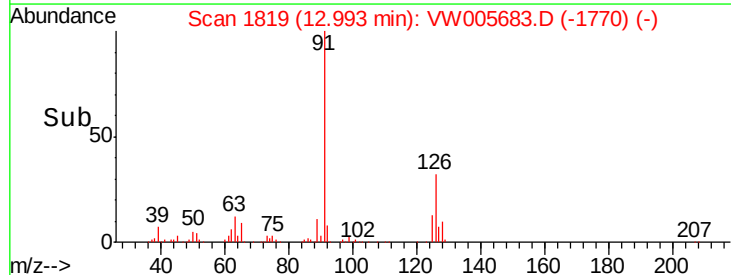
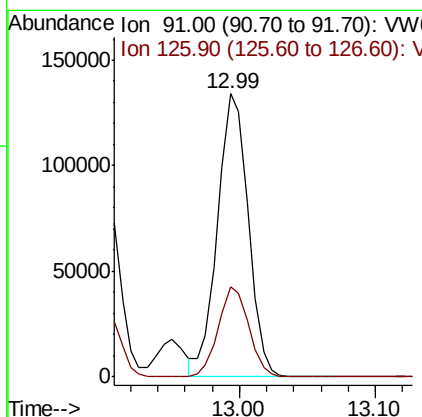
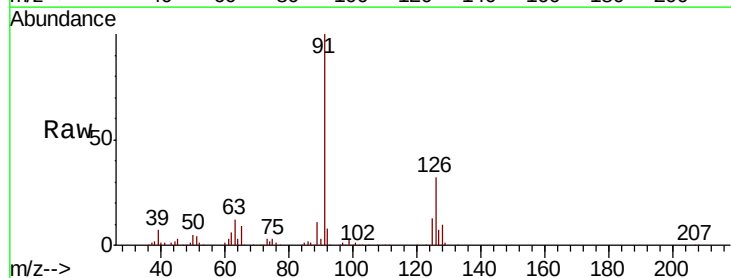
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

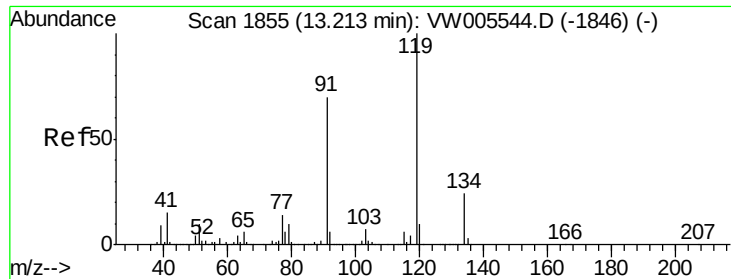
Tgt Ion: 75 Resp: 13458
 Ion Ratio Lower Upper
 75 100
 53 101.9 85.8 128.6
 89 44.3 37.3 55.9



#82
 4-Chlorotoluene
 Concen: 22.009 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 91 Resp: 210705
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.4





#83

tert-Butylbenzene

Concen: 21.296 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBS02

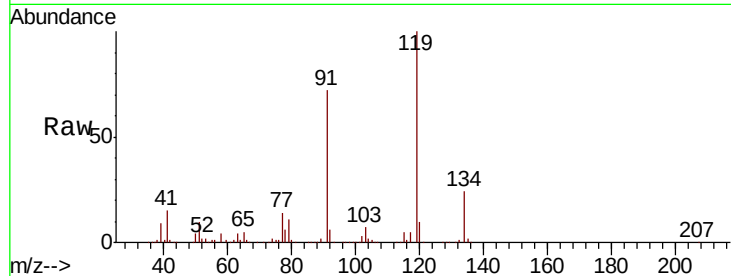
Tgt Ion:119 Resp: 201243

Ion Ratio Lower Upper

119 100

91 68.4 34.6 103.8

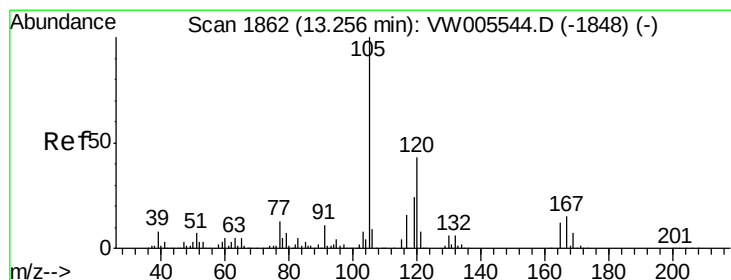
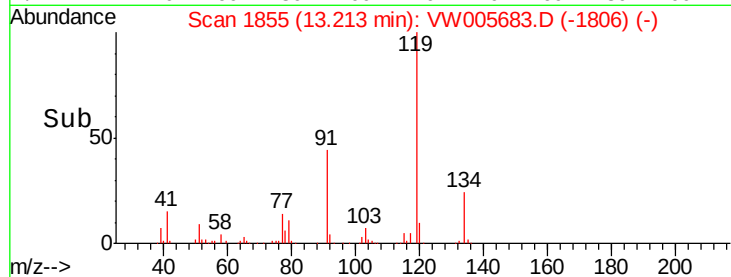
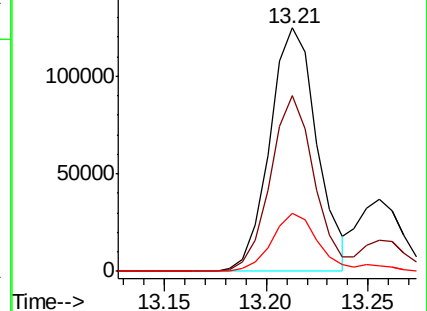
134 24.9 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.089 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005683.D

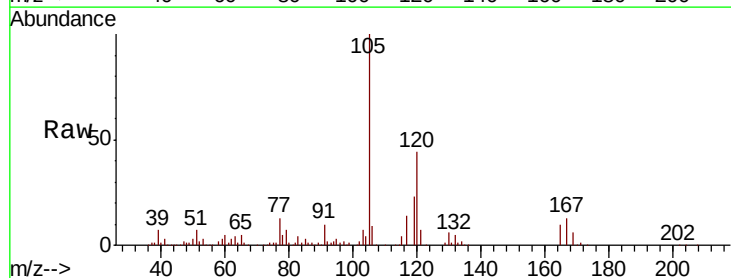
Acq: 27 Sep 2018 06:11

Tgt Ion:105 Resp: 250735

Ion Ratio Lower Upper

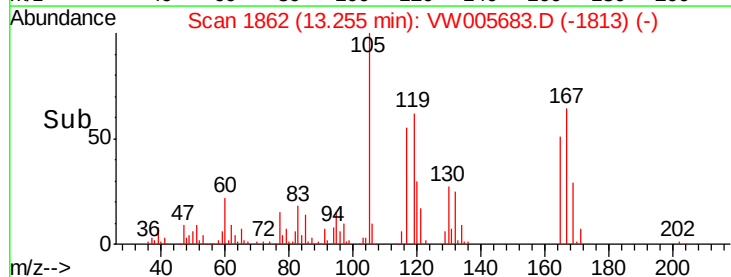
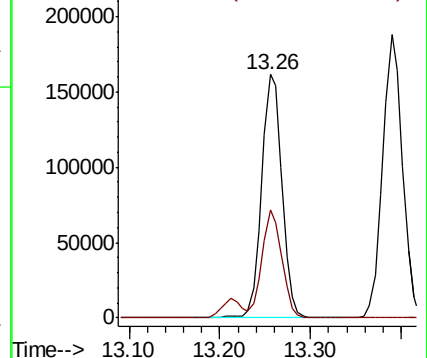
105 100

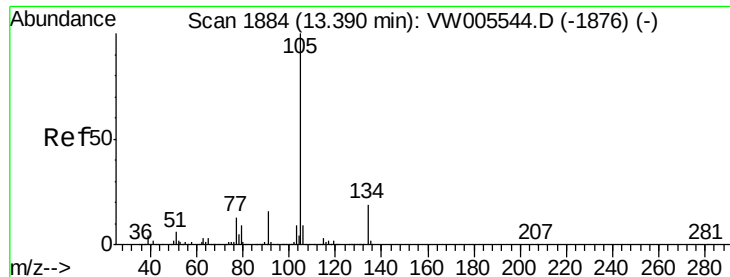
120 42.9 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

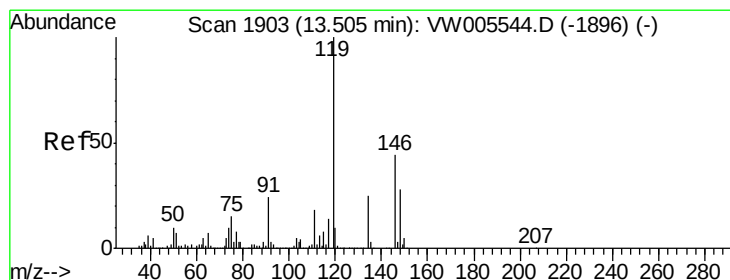
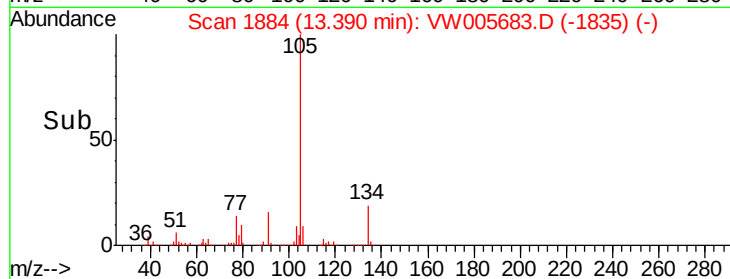
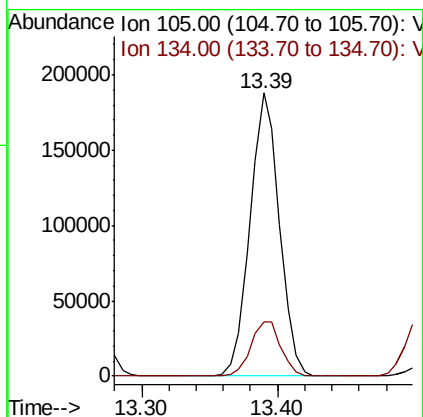
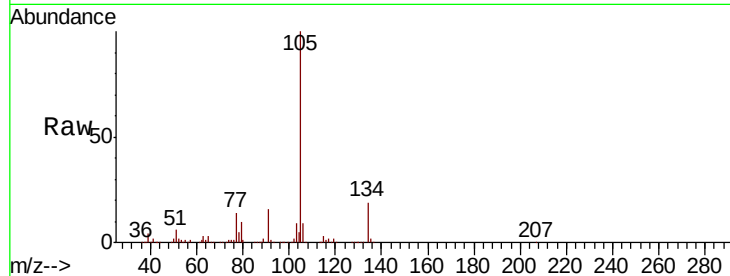




#85
 sec-Butylbenzene
 Concen: 20.761 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

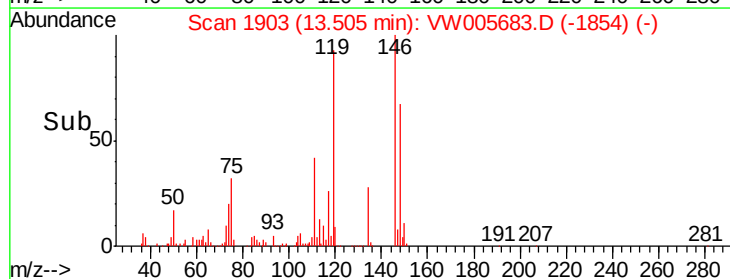
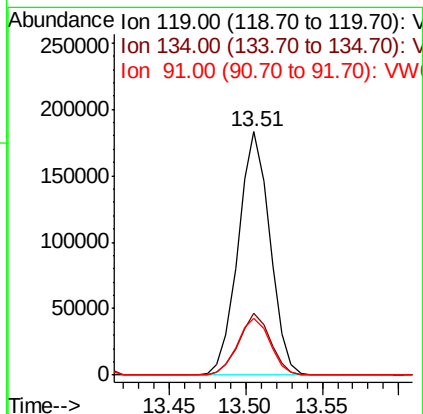
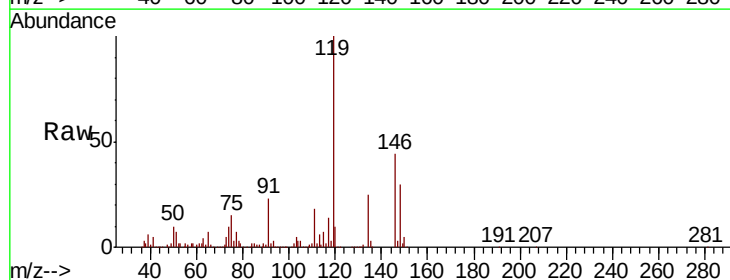
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

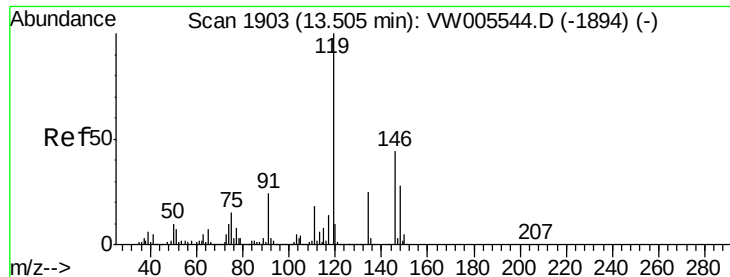
Tgt Ion:105 Resp: 284537
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.431 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion:119 Resp: 263274
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.1 12.2 36.4

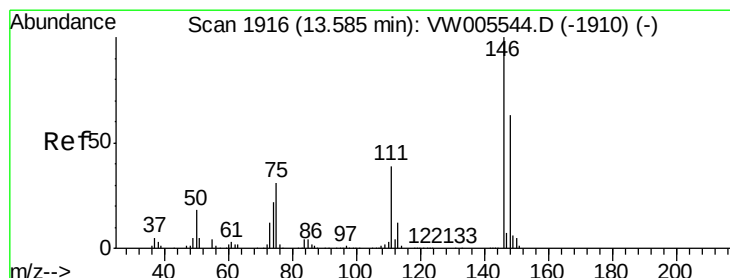
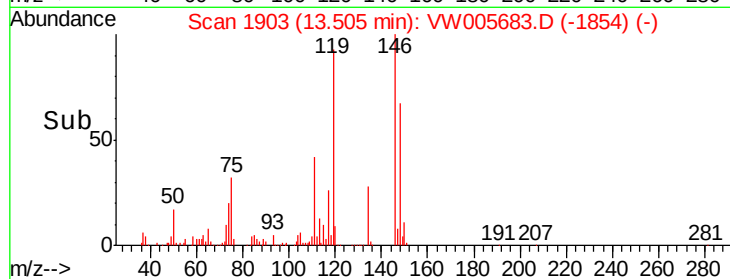
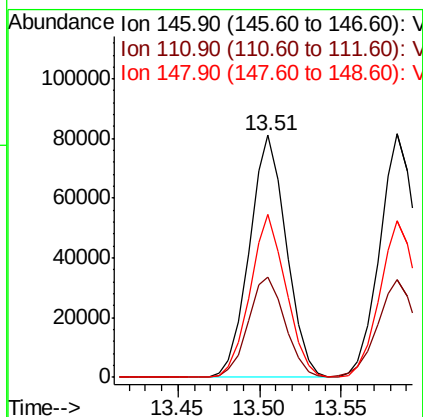
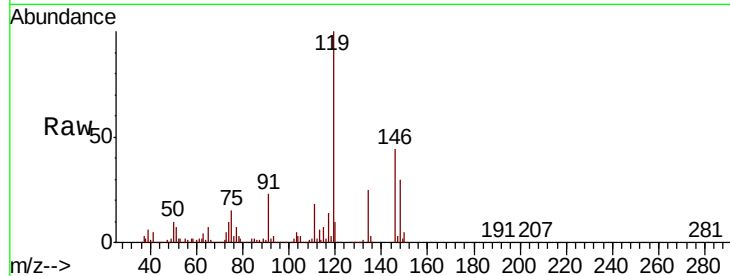




#87
 1,3-Dichlorobenzene
 Concen: 20.580 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

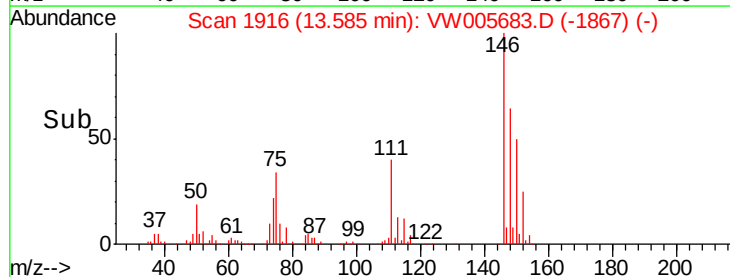
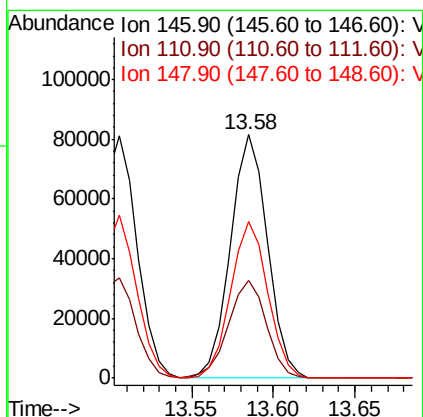
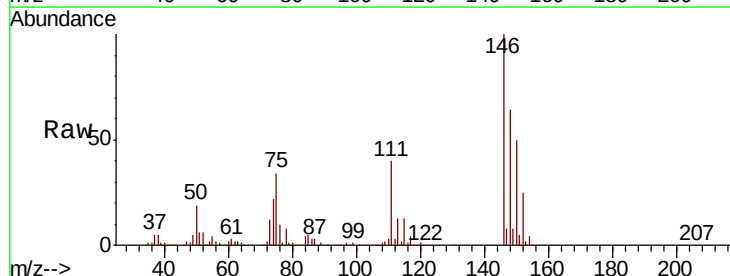
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

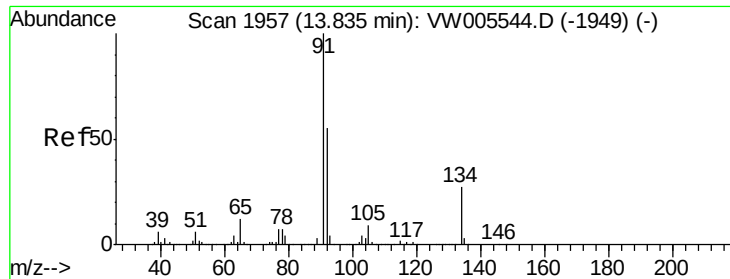
Tgt Ion:146 Resp: 127585
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 60.9
 148 65.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.924 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion:146 Resp: 129015
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.9 59.7
 148 64.7 32.1 96.3





#89

n-Butylbenzene

Concen: 21.293 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.01 min

Lab File: VW005683.D

Acq: 27 Sep 2018 06:11

Instrument :

MSVOA_W

ClientSampleId :

VW092618SBSD02

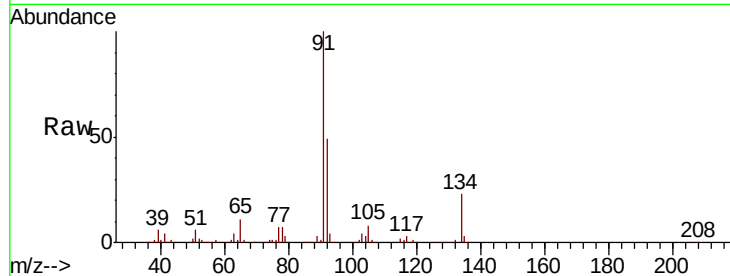
Tgt Ion: 91 Resp: 246725

Ion Ratio Lower Upper

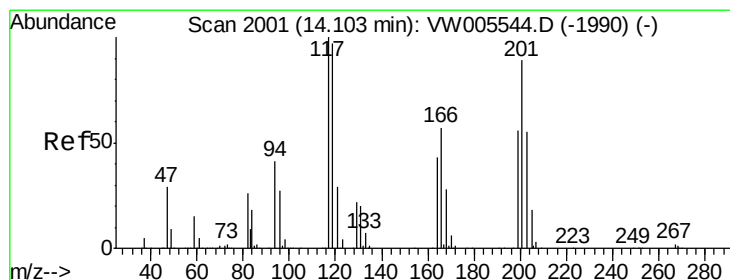
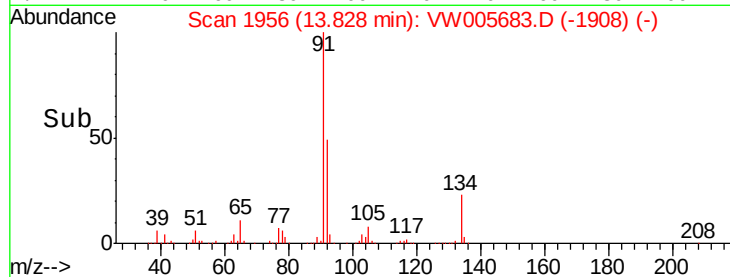
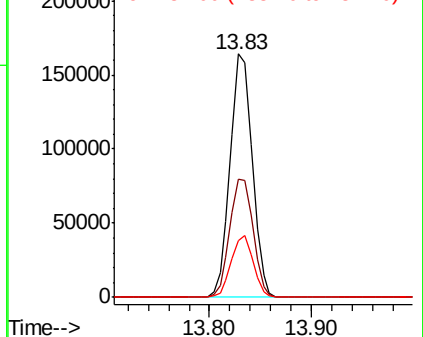
91 100

92 50.9 26.5 79.5

134 25.1 12.9 38.7



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: 20.937 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005683.D

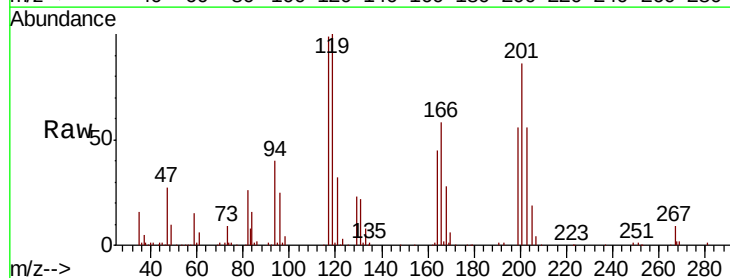
Acq: 27 Sep 2018 06:11

Tgt Ion: 117 Resp: 46616

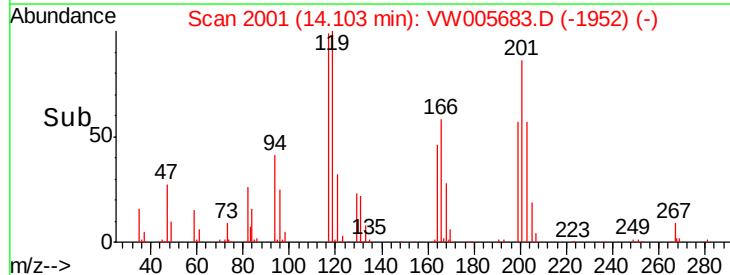
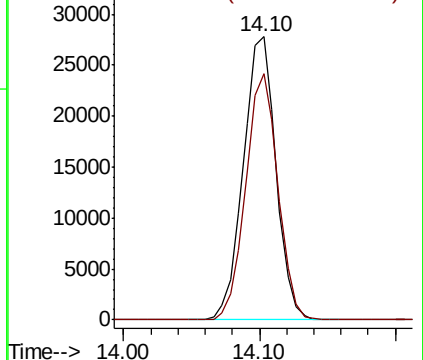
Ion Ratio Lower Upper

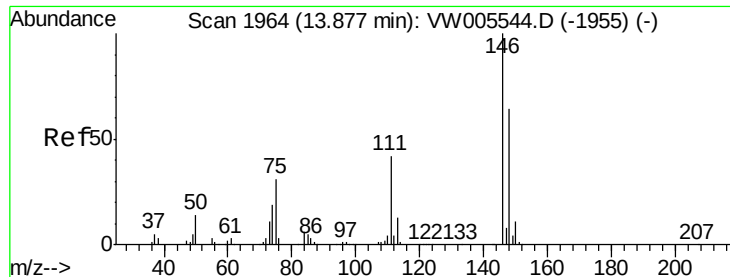
117 100

201 85.9 42.8 128.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

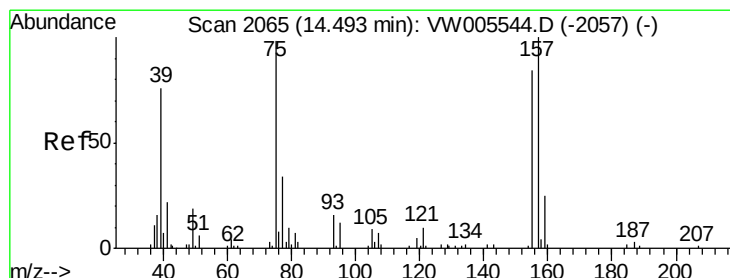
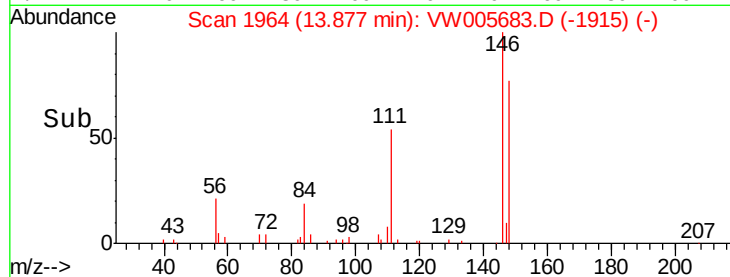
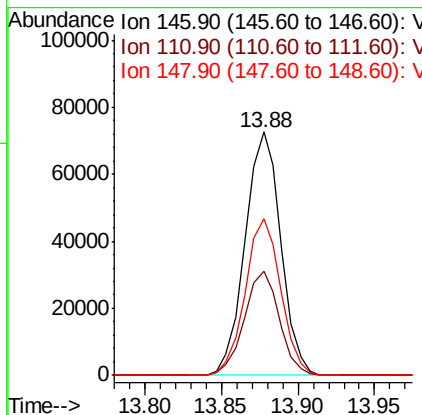
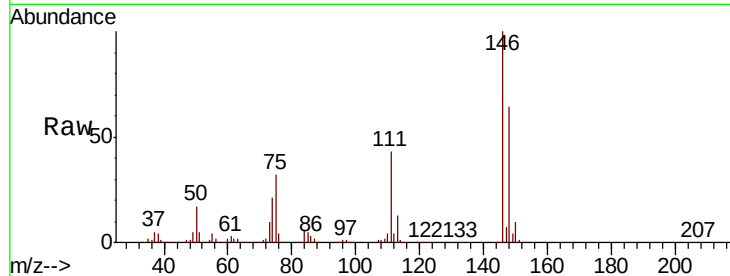




#91
 1,2-Dichlorobenzene
 Concen: 21.510 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

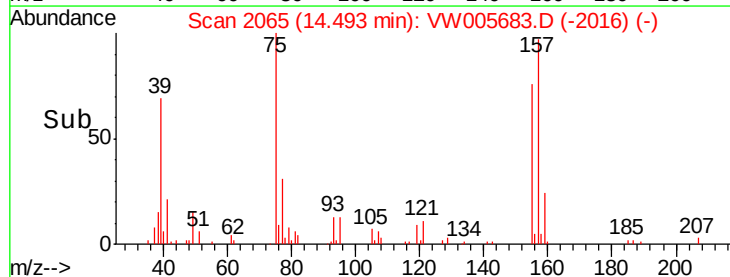
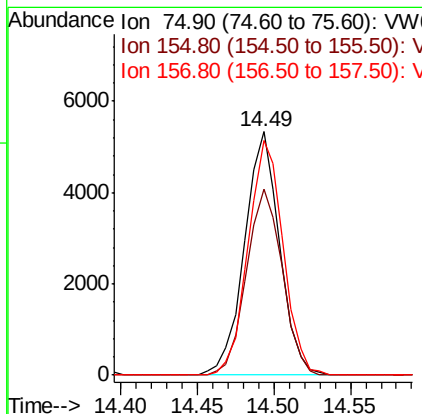
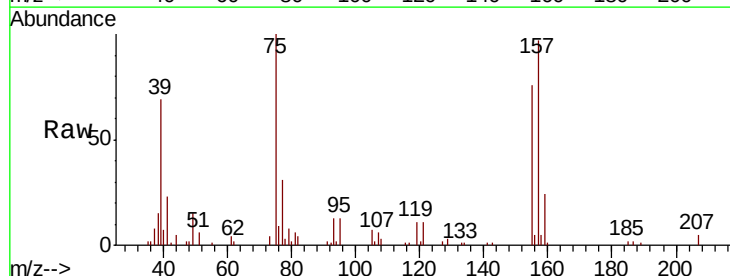
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBS02

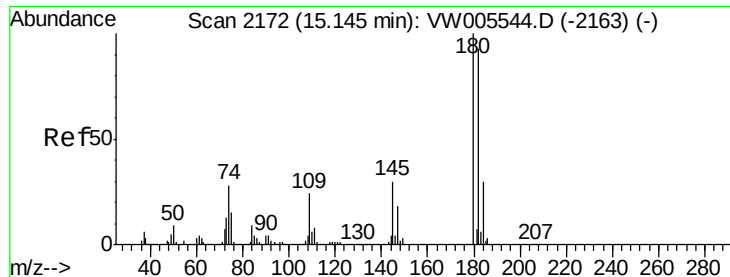
Tgt Ion: 146 Resp: 117720
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.9
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.702 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion: 75 Resp: 8475
 Ion Ratio Lower Upper
 75 100
 155 78.2 39.1 117.5
 157 96.4 50.8 152.4

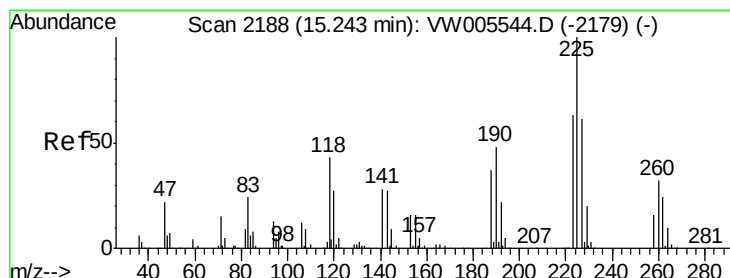
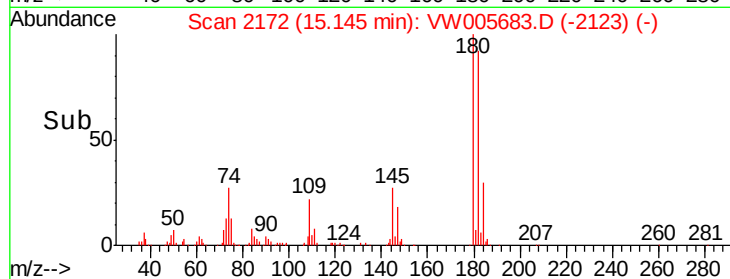
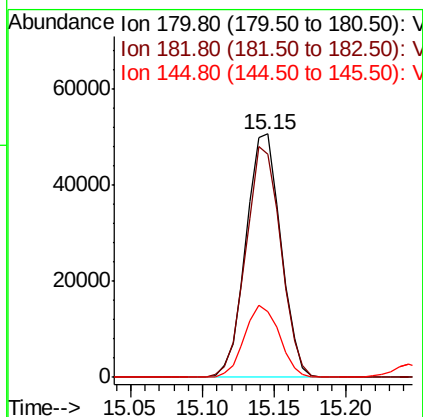
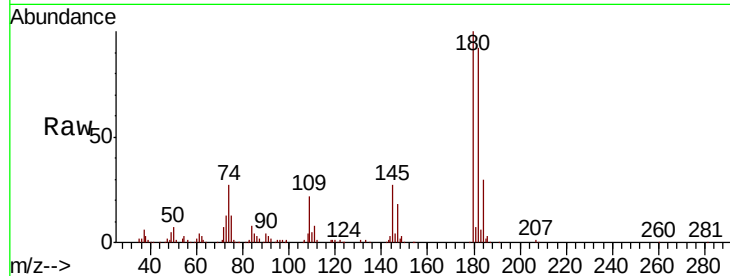




#93
 1,2,4-Trichlorobenzene
 Concen: 21.761 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

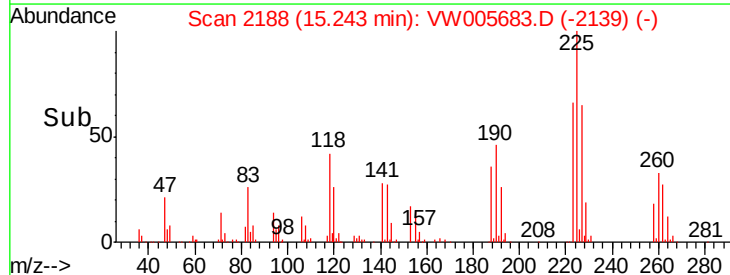
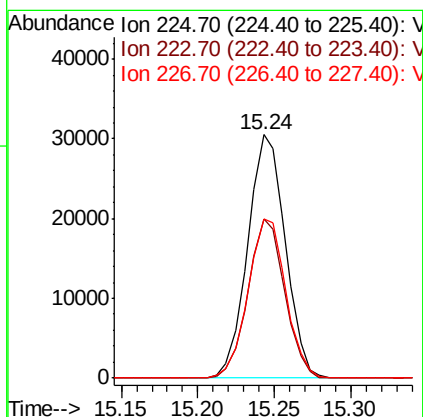
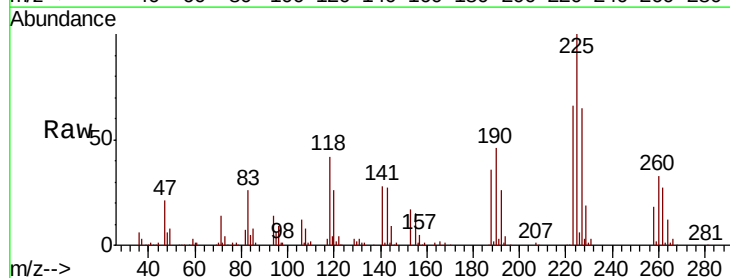
Instrument :
 MSVOA_W
 ClientSampleId :
 VW092618SBSD02

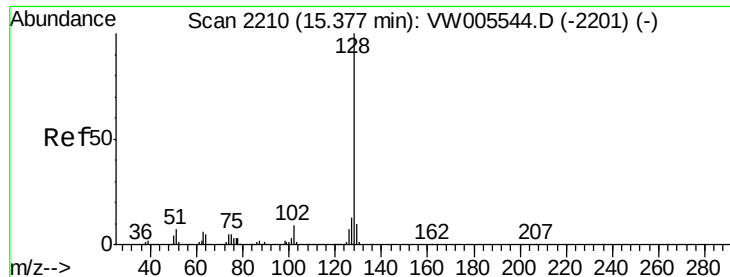
Tgt Ion:180 Resp: 84957
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 29.6 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 20.596 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005683.D
 Acq: 27 Sep 2018 06:11

Tgt Ion:225 Resp: 52093
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.3
 227 65.6 31.8 95.3

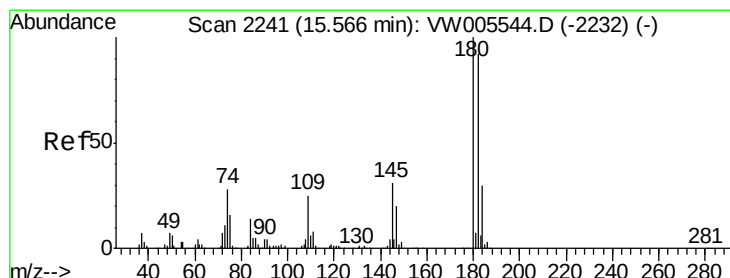
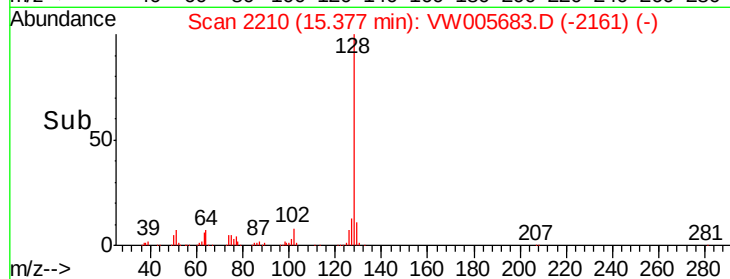
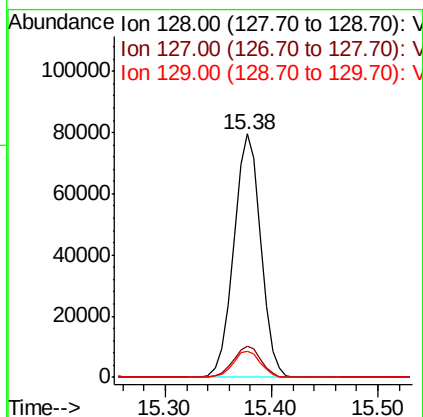
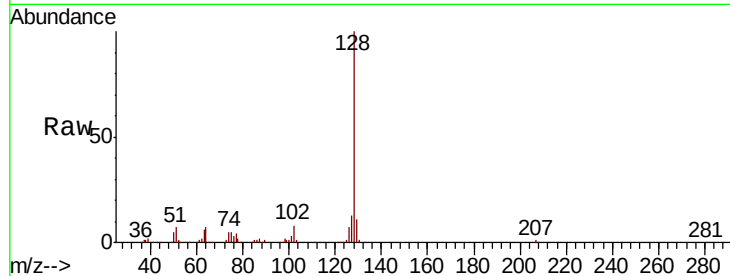




#95
Naphthalene
Concen: 21.550 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Instrument :
MSVOA_W
ClientSampleId :
VW092618SBS02

Tgt Ion:128 Resp: 141517
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.052 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005683.D
Acq: 27 Sep 2018 06:11

Tgt Ion:180 Resp: 75869
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 31.3 16.0 47.9

