

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006681.D
 Acq On : 06 Nov 2018 13:06
 Operator : SY/AP
 Sample : VW1106SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Quant Time: Nov 06 14:32:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	346790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179778	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	104305	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	115753	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
50) Toluene-d8	10.33	98	444390	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	156073	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	30832	23.735	ug/l	97
3) Chloromethane	2.21	50	33937	21.115	ug/l	97
4) Vinyl Chloride	2.37	62	49761	22.173	ug/l	98
5) Bromomethane	2.79	94	40941	21.738	ug/l	100
6) Chloroethane	2.93	64	33895	21.616	ug/l	99
7) Trichlorofluoromethane	3.26	101	42225	21.306	ug/l	99
8) Diethyl Ether	3.68	74	19108	17.638	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47625	22.504	ug/l	100
10) Methyl Iodide	4.26	142	75669	19.720	ug/l	99
11) Tert butyl alcohol	5.24	59	9808	84.510	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43295	21.182	ug/l	97
13) Acrolein	3.90	56	11160	76.455	ug/l	99
14) Allyl chloride	4.67	41	53462	20.038	ug/l	98
15) Acrylonitrile	5.38	53	34159	87.939	ug/l	99
16) Acetone	4.15	43	40622	116.808	ug/l	98
17) Carbon Disulfide	4.37	76	125046	21.498	ug/l	99
18) Methyl Acetate	4.68	43	16944	16.944	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	55671	18.298	ug/l	98
20) Methylene Chloride	4.91	84	47253	17.027	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	47339	20.468	ug/l	97
22) Diisopropyl ether	6.32	45	108456	19.499	ug/l	98
23) Vinyl Acetate	6.26	43	286450	92.867	ug/l	98
24) 1,1-Dichloroethane	6.21	63	76109	20.190	ug/l	100
25) 2-Butanone	7.18	43	48798	98.334	ug/l	98
26) 2,2-Dichloropropane	7.17	77	52227	22.999	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	51891	20.054	ug/l	99
28) Bromochloromethane	7.51	49	28240	18.866	ug/l	98
29) Tetrahydrofuran	7.54	42	26219	84.001	ug/l	99
30) Chloroform	7.68	83	81974	19.834	ug/l	96
31) Cyclohexane	7.96	56	71752	20.913	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73681	21.068	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67291	22.065	ug/l	99
37) Ethyl Acetate	7.26	43	20478	19.377	ug/l	98
38) Carbon Tetrachloride	8.07	117	71155	22.329	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85302	22.041	ug/l	98
40) Benzene	8.32	78	186010	21.474	ug/l	98
41) Methacrylonitrile	7.49	41	11867	18.312	ug/l	98
42) 1,2-Dichloroethane	8.40	62	49422	19.894	ug/l	100
43) Isopropyl Acetate	8.43	43	37732	17.892	ug/l	98
44) Trichloroethene	9.10	130	56912	21.291	ug/l	98
45) 1,2-Dichloropropane	9.37	63	42746	21.205	ug/l	99
46) Dibromomethane	9.46	93	23359	19.712	ug/l	99
47) Bromodichloromethane	9.65	83	56473	20.525	ug/l	99
48) Methyl methacrylate	9.44	41	17690	17.410	ug/l	95
49) 1,4-Dioxane	9.49	88	6315	364.139	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	96632	89.217	ug/l	98
52) Toluene	10.39	92	123694	21.290	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53014	20.020	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	64152	20.501	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32805	19.511	ug/l	98
56) Ethyl methacrylate	10.65	69	33898	17.738	ug/l	98
57) 1,3-Dichloropropane	10.93	76	53468	19.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85728	92.284	ug/l	99
59) 2-Hexanone	10.98	43	72362	98.367	ug/l	98
60) Dibromochloromethane	11.13	129	39375	19.766	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32010	19.171	ug/l	100
64) Tetrachloroethene	10.87	164	51386	20.272	ug/l	98
65) Chlorobenzene	11.66	112	141801	21.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48505	20.624	ug/l	98
67) Ethyl Benzene	11.74	91	240098	21.467	ug/l	100
68) m/p-Xylenes	11.84	106	193683	43.345	ug/l	98
69) o-Xylene	12.17	106	89297	20.991	ug/l	100
70) Styrene	12.19	104	144395	20.820	ug/l	100
71) Bromoform	12.35	173	23826	19.111	ug/l #	99
73) Isopropylbenzene	12.47	105	250981	21.193	ug/l	100
74) N-amyl acetate	12.28	43	36585	17.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	35172	18.804	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	45501	32.439	ug/l #	100
77) Bromobenzene	12.75	156	62713	20.453	ug/l	100
78) n-propylbenzene	12.81	91	296387	21.758	ug/l	100
79) 2-Chlorotoluene	12.90	91	165169	21.128	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	212819	21.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9339	18.986	ug/l	97
82) 4-Chlorotoluene	12.99	91	174915	21.149	ug/l	99
83) tert-Butylbenzene	13.21	119	189146	21.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	216176	21.183	ug/l	100
85) sec-Butylbenzene	13.39	105	274930	22.124	ug/l	100
86) p-Isopropyltoluene	13.51	119	247845	21.919	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127654	21.139	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	127170	21.245	ug/l	99
89) n-Butylbenzene	13.83	91	226739	22.590	ug/l	99
90) Hexachloroethane	14.10	117	40201	21.632	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112062	20.631	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5227	17.222	ug/l	99

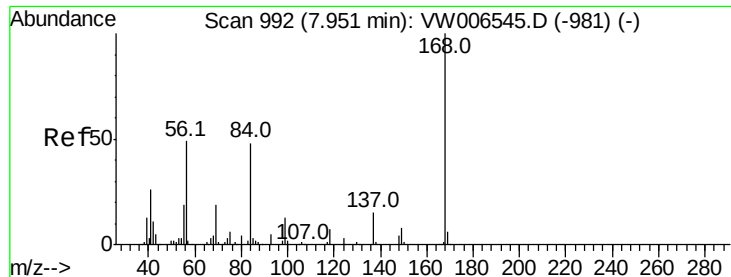
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	83744	20.734	ug/l	99
94) Hexachlorobutadiene	15.24	225	56203	22.327	ug/l	100
95) Naphthalene	15.38	128	116181	17.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71095	20.028	ug/l	99

(#) = 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: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

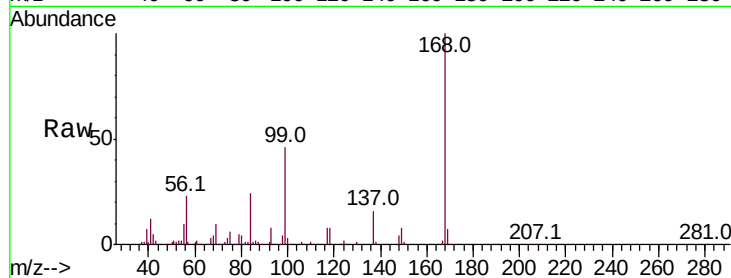
VW1106SBS01

Tot Ion:168 Resp: 250586

Ion Ratio Lower Upper

168 100

99 46.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

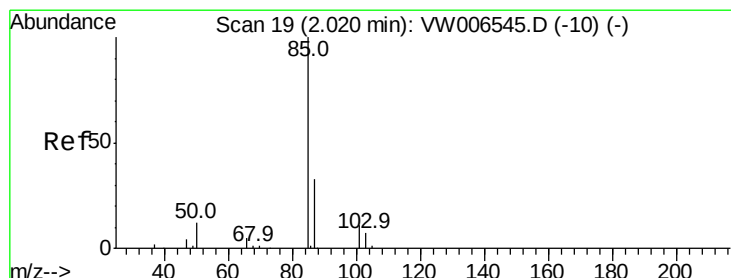
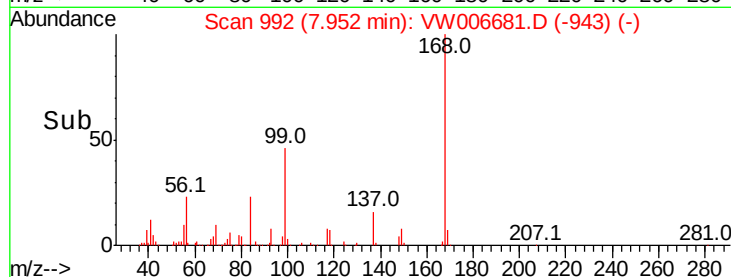
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.735 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006681.D

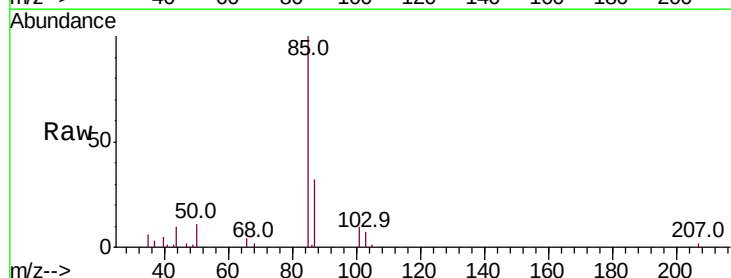
Acq: 06 Nov 2018 13:06

Tgt Ion: 85 Resp: 30832

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

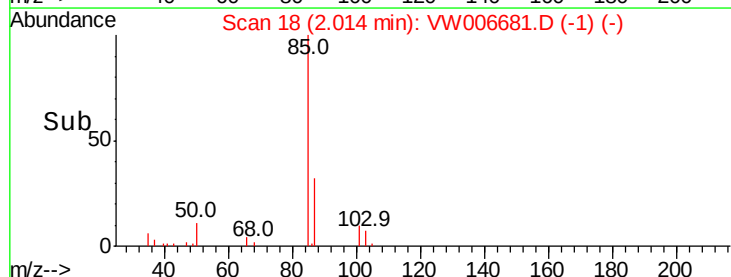
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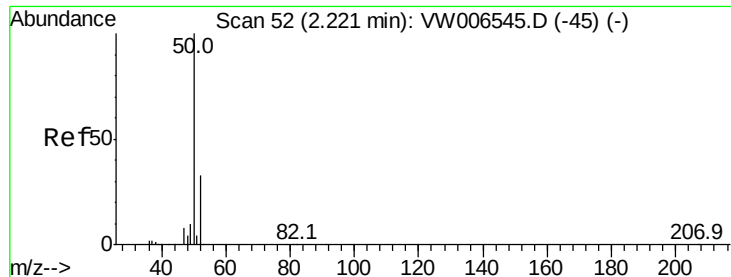
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.115 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

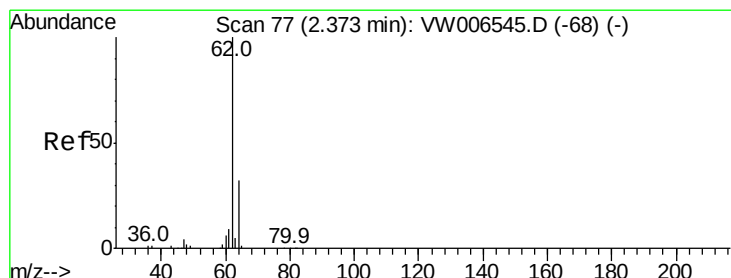
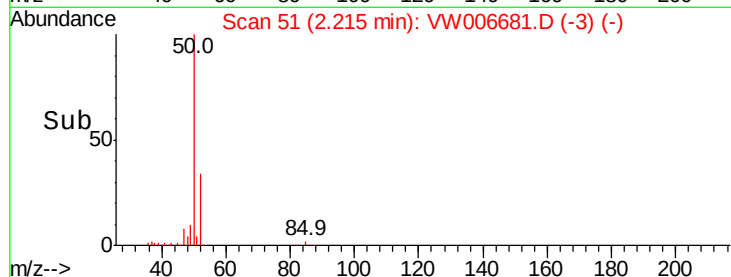
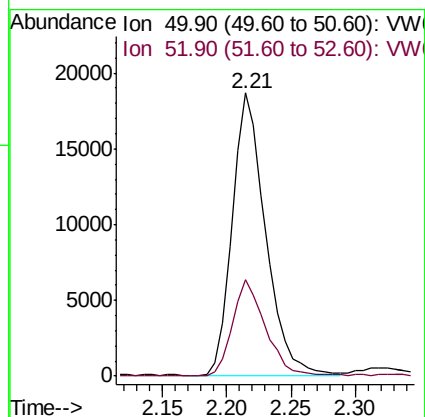
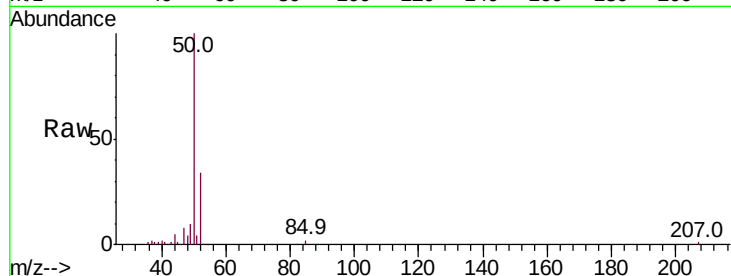
VW1106SBS01

Tot Ion: 50 Resp: 33937

Ion Ratio Lower Upper

50 100

52 34.3 26.2 39.4



#4

Vinyl Chloride

Concen: 22.173 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006681.D

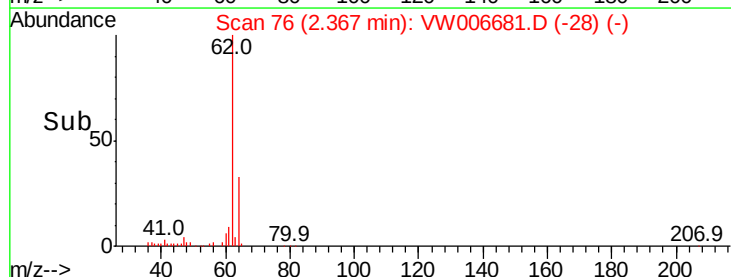
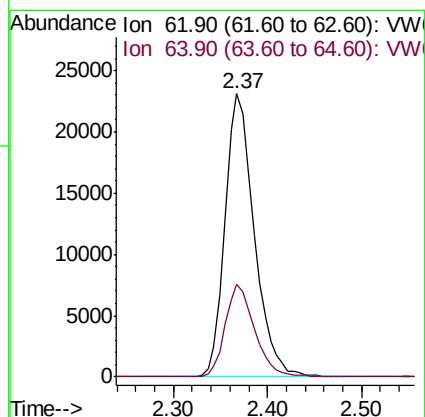
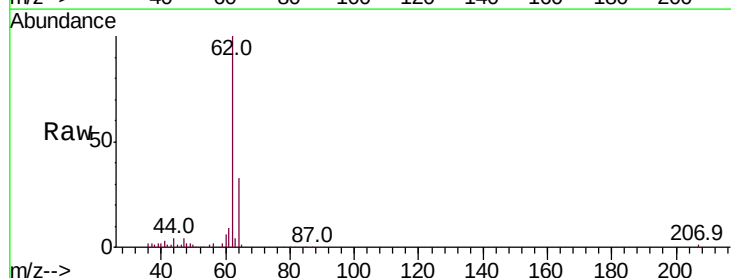
Acq: 06 Nov 2018 13:06

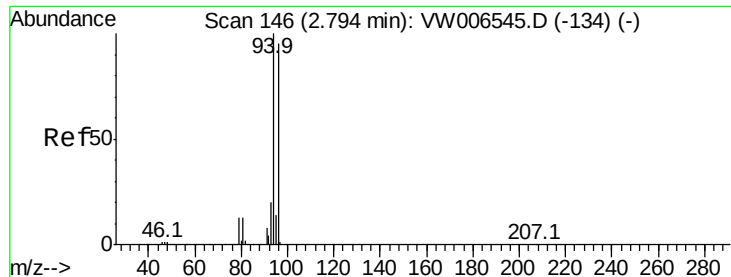
Tgt Ion: 62 Resp: 49761

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 21.738 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

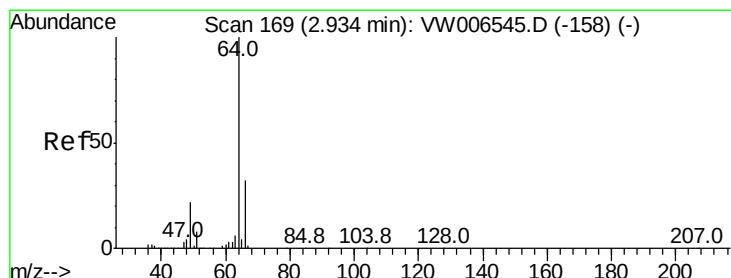
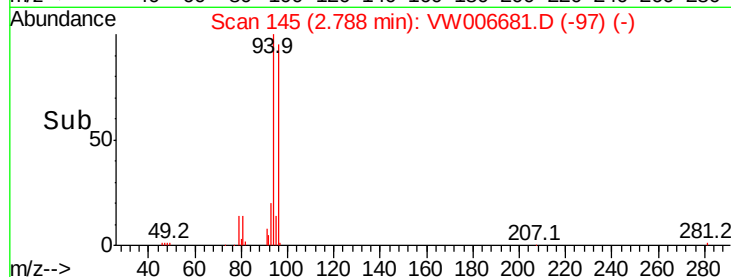
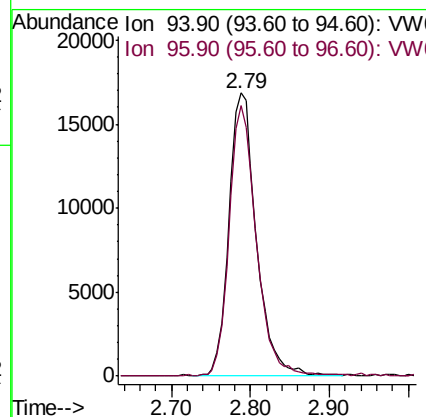
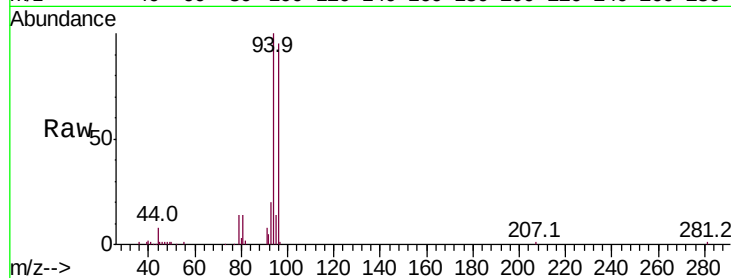
VW1106SBS01

Tot Ion: 94 Resp: 40941

Ion Ratio Lower Upper

94 100

96 95.0 75.7 113.5



#6

Chloroethane

Concen: 21.616 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW006681.D

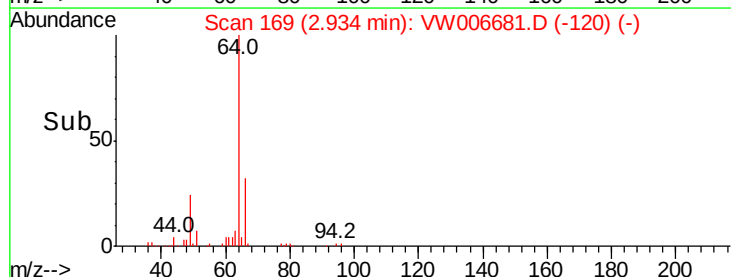
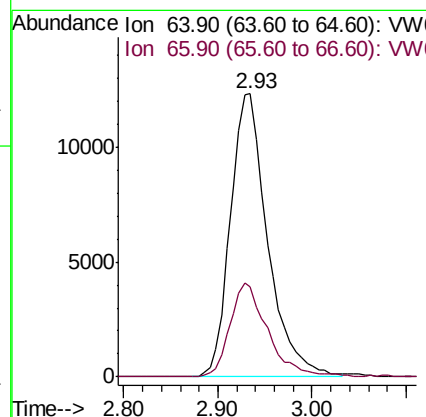
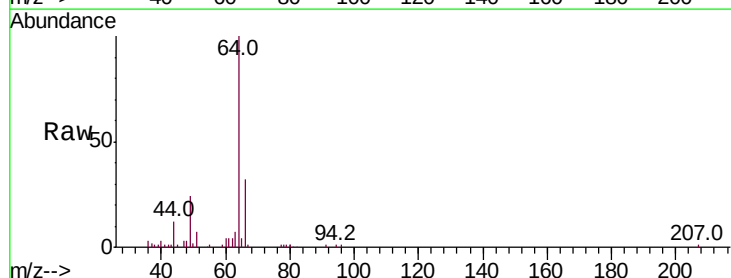
Acq: 06 Nov 2018 13:06

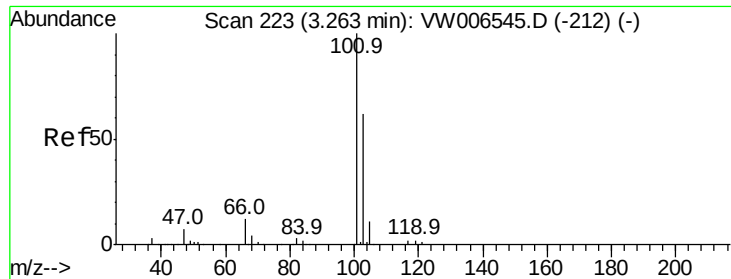
Tgt Ion: 64 Resp: 33895

Ion Ratio Lower Upper

64 100

66 31.6 25.9 38.9



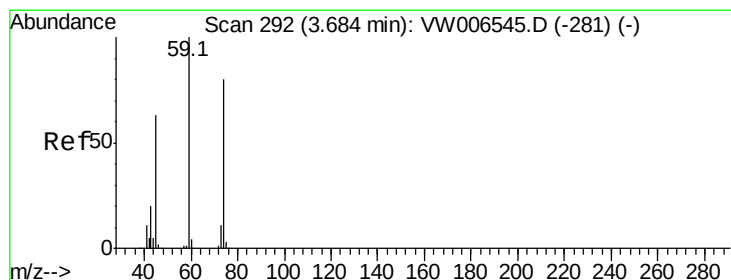
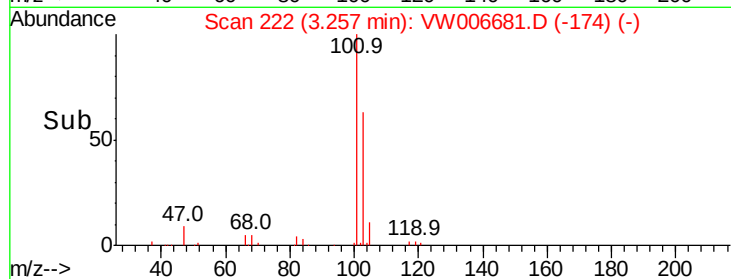
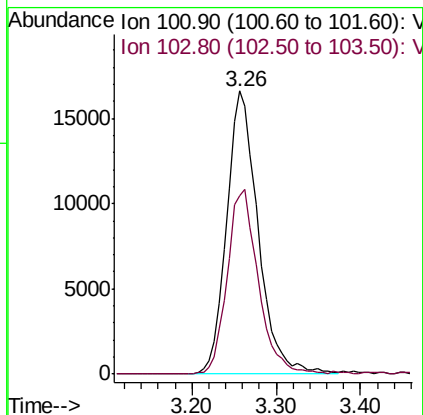
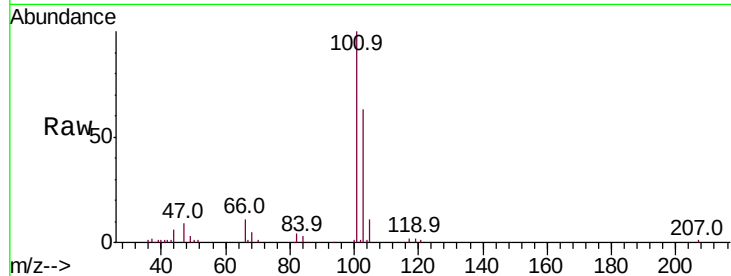


#7

Trichlorofluoromethane
Concen: 21.306 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
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VW1106SBS01

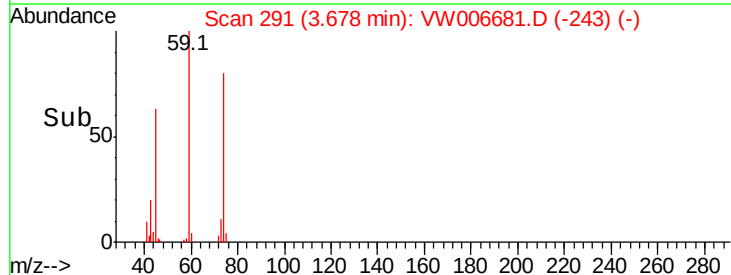
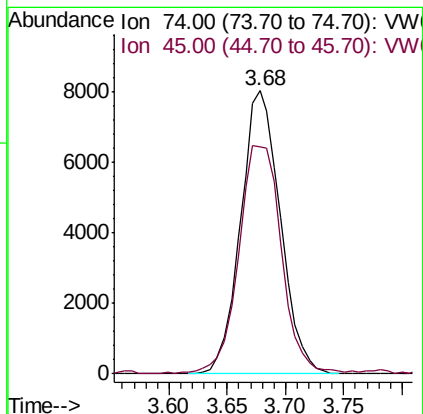
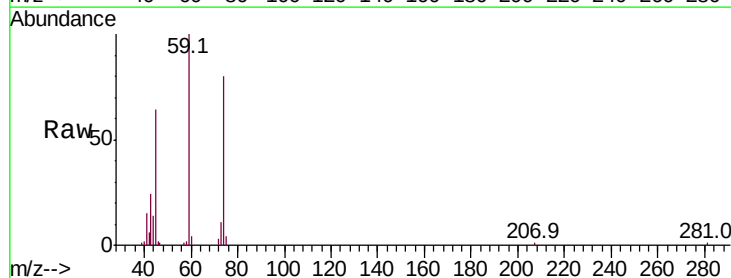
Tot Ion:101 Resp: 42225
Ion Ratio Lower Upper
101 100
103 63.2 49.8 74.8

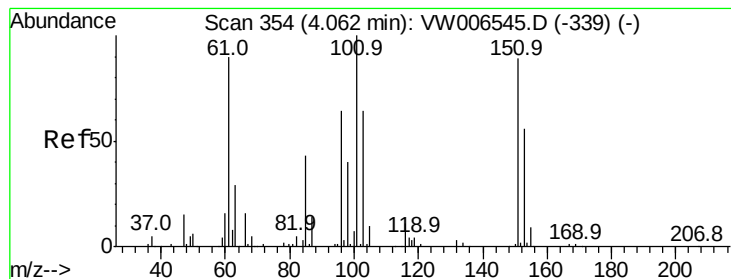


#8

Diethyl Ether
Concen: 17.638 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 74 Resp: 19108
Ion Ratio Lower Upper
74 100
45 87.3 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.504 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

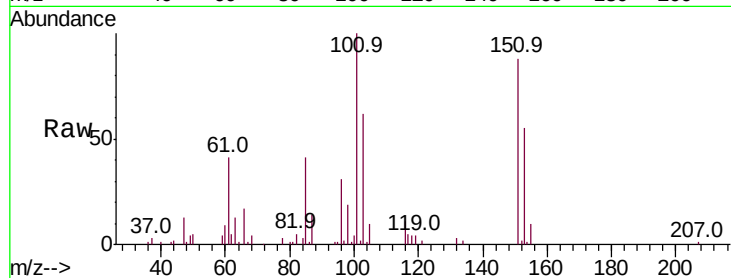
Tot Ion:101 Resp: 47625

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.2

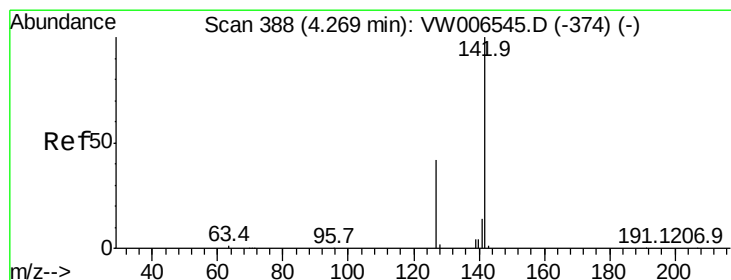
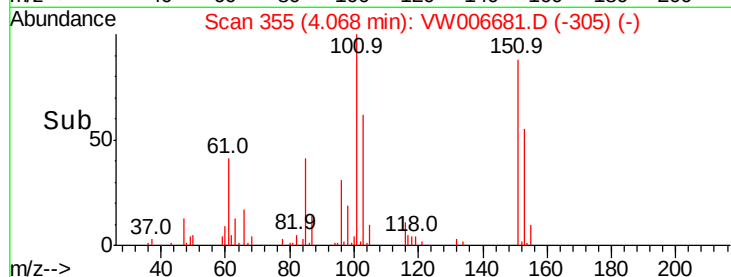
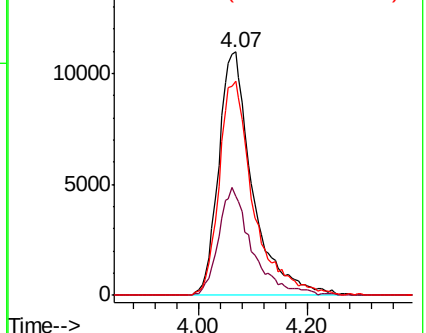
151 88.5 70.7 106.1



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: 19.720 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

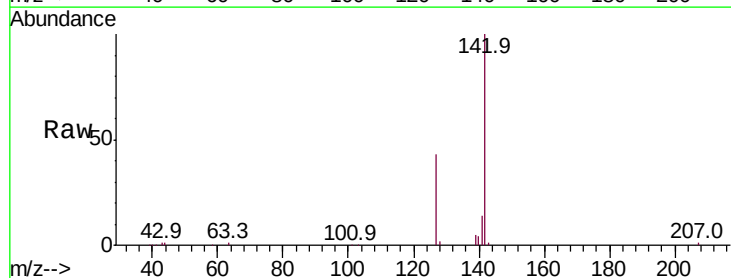
Tgt Ion:142 Resp: 75669

Ion Ratio Lower Upper

142 100

127 40.9 32.3 48.5

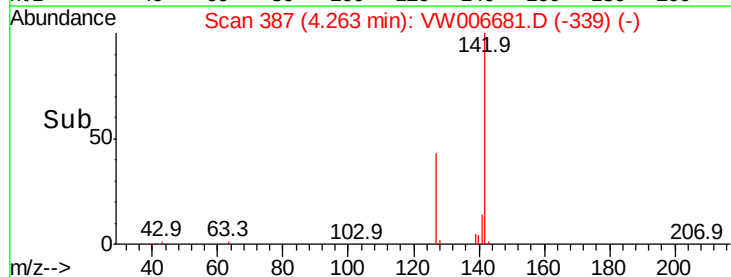
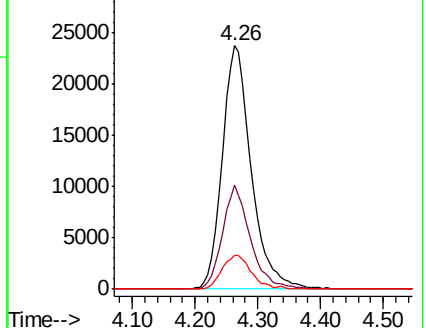
141 14.1 11.3 16.9

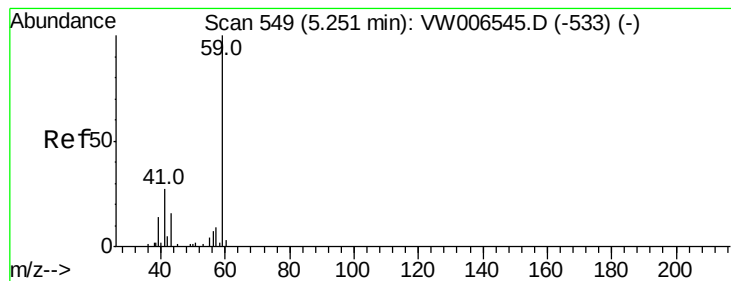


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



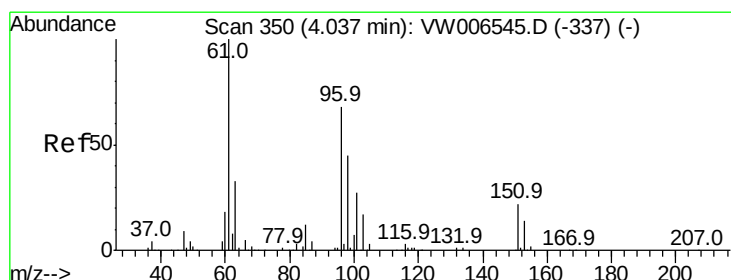
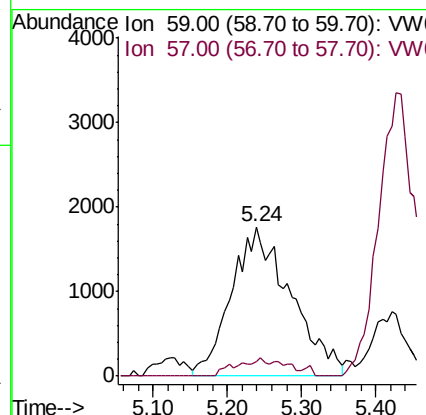
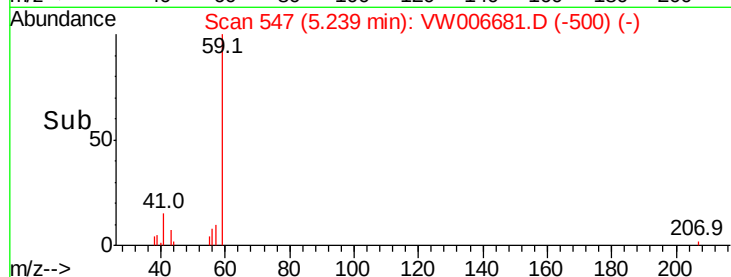
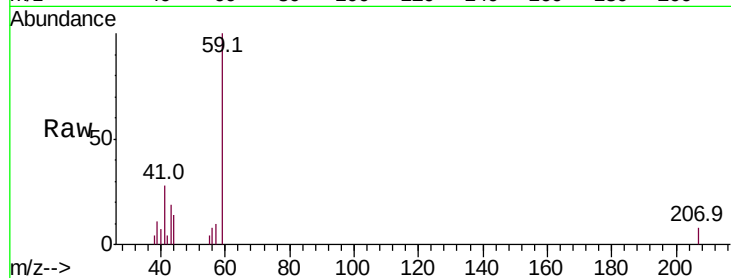


#11

Tert butyl alcohol
 Concen: 84.510 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

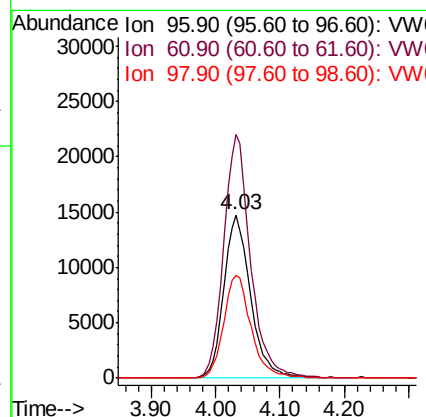
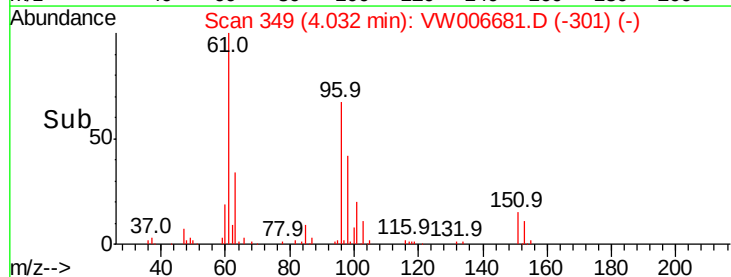
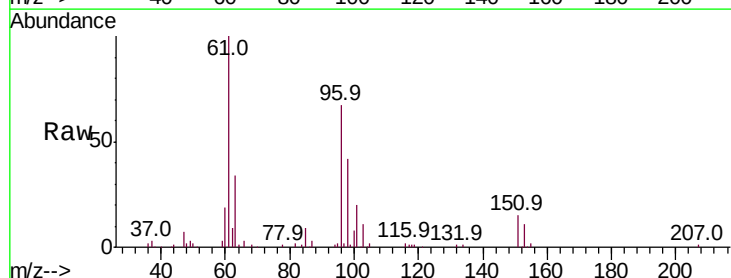
Tot Ion: 59 Resp: 9808
 Ion Ratio Lower Upper
 59 100
 57 6.3 4.3 6.5

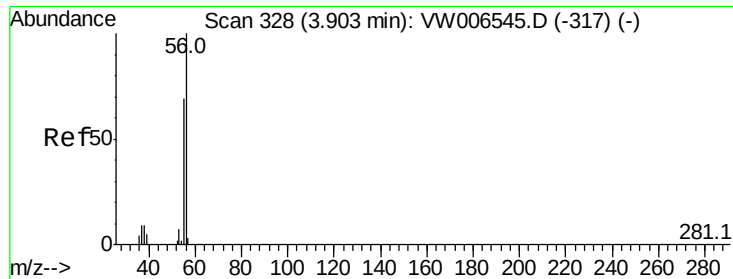


#12

1,1-Dichloroethene
 Concen: 21.182 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion: 96 Resp: 43295
 Ion Ratio Lower Upper
 96 100
 61 149.0 117.0 175.4
 98 62.9 52.5 78.7





#13

Acrolein

Concen: 76.455 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

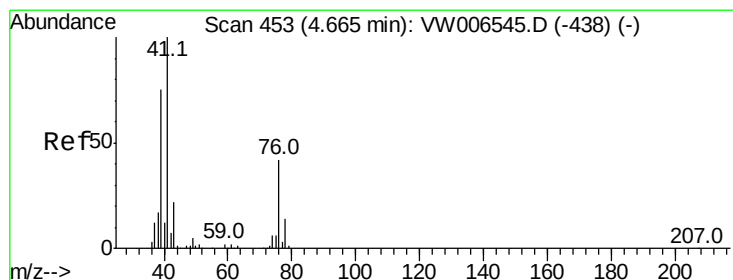
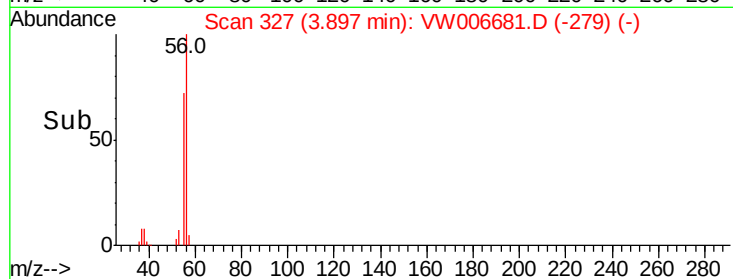
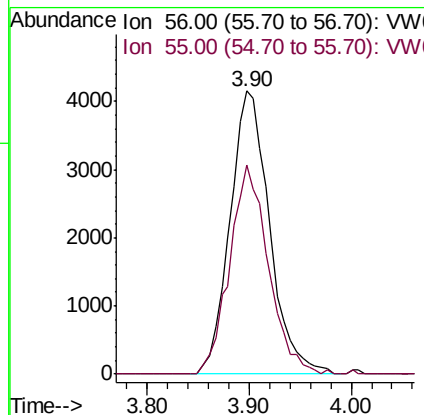
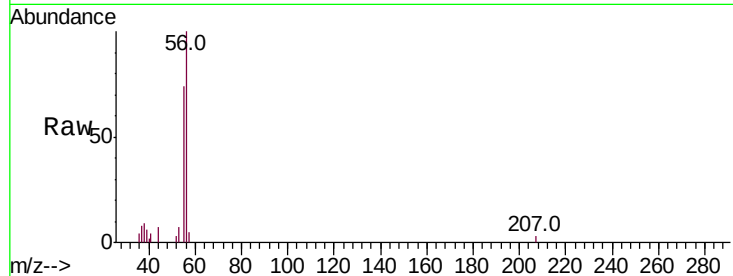
VW1106SBS01

Tot Ion: 56 Resp: 11160

Ion Ratio Lower Upper

56 100

55 72.3 56.9 85.3



#14

Allyl chloride

Concen: 20.038 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

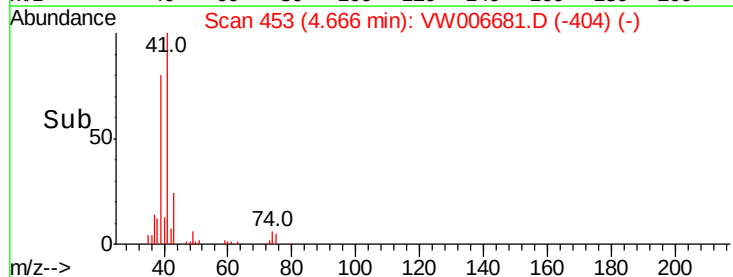
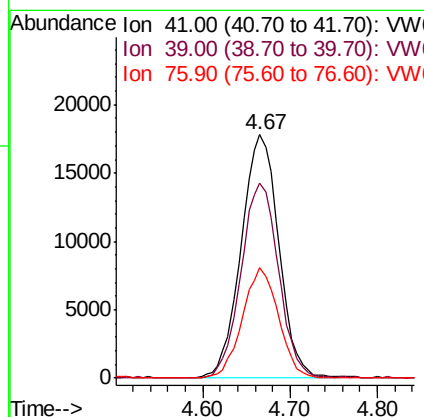
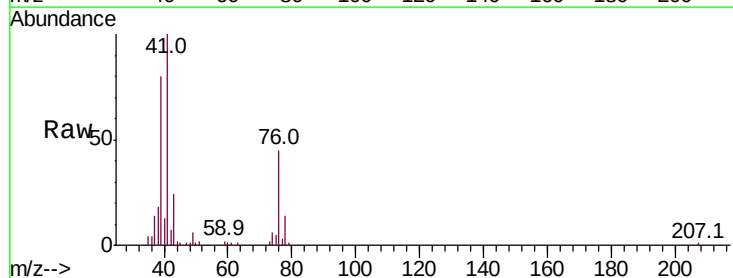
Tgt Ion: 41 Resp: 53462

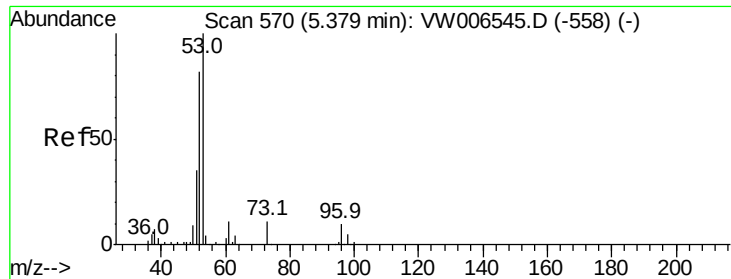
Ion Ratio Lower Upper

41 100

39 79.8 62.1 93.1

76 43.3 34.2 51.2





#15

Acrylonitrile

Concen: 87.939 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

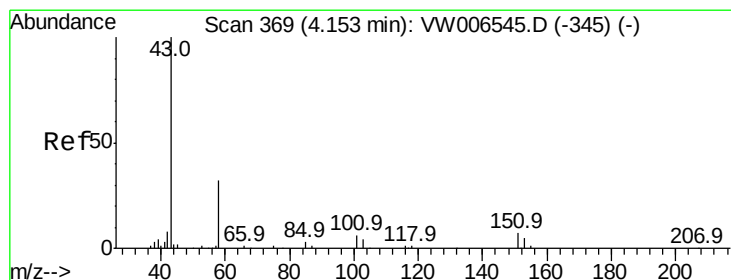
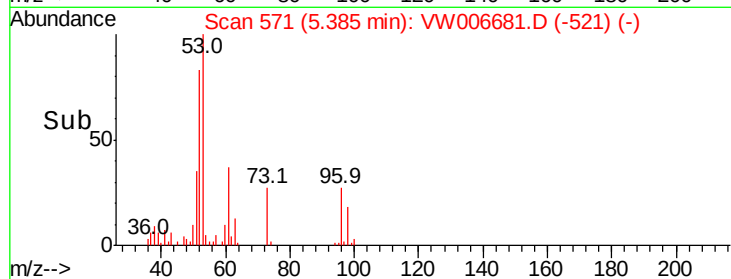
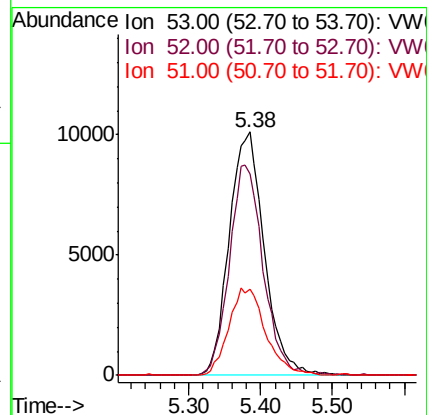
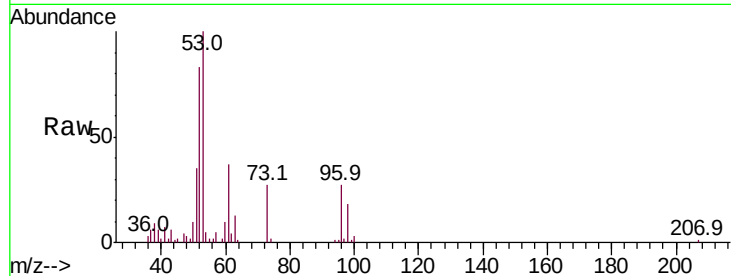
Tot Ion: 53 Resp: 34159

Ion Ratio Lower Upper

53 100

52 83.6 65.8 98.8

51 37.7 29.6 44.4



#16

Acetone

Concen: 116.808 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006681.D

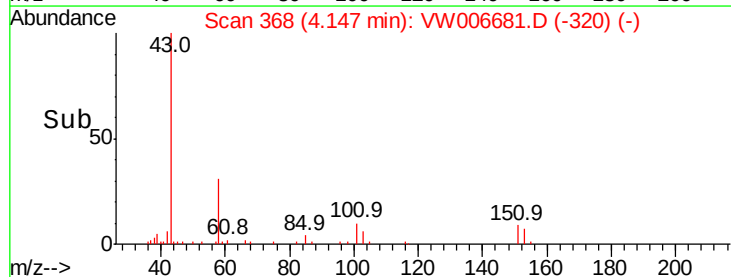
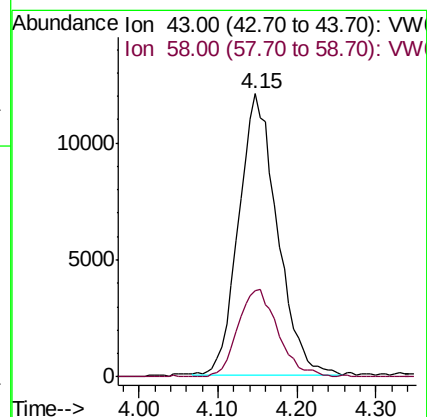
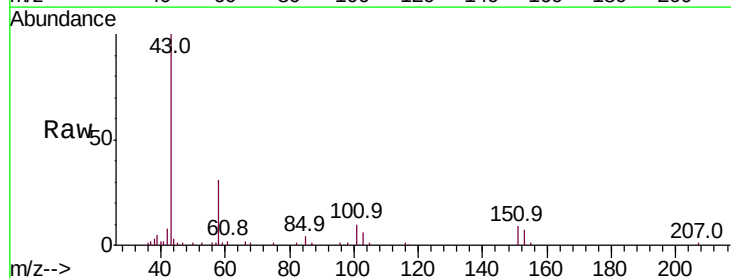
Acq: 06 Nov 2018 13:06

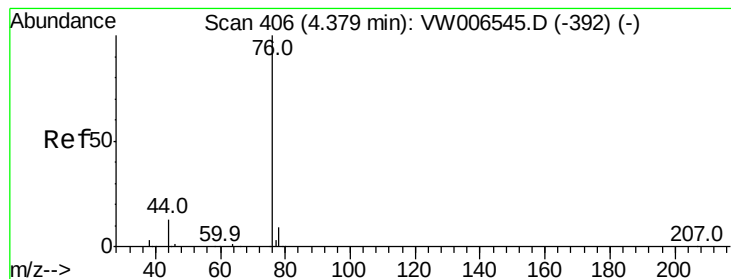
Tgt Ion: 43 Resp: 40622

Ion Ratio Lower Upper

43 100

58 30.9 25.8 38.8





#17

Carbon Disulfide

Concen: 21.498 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

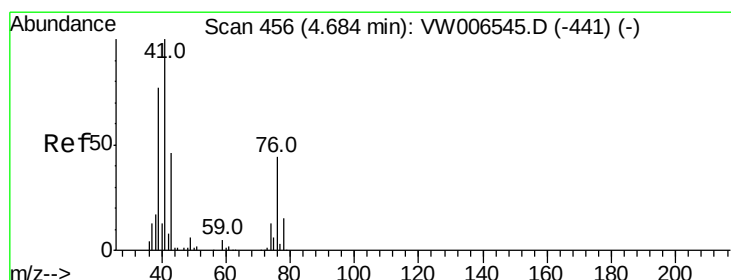
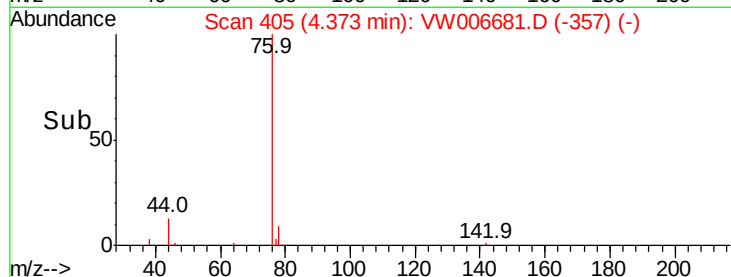
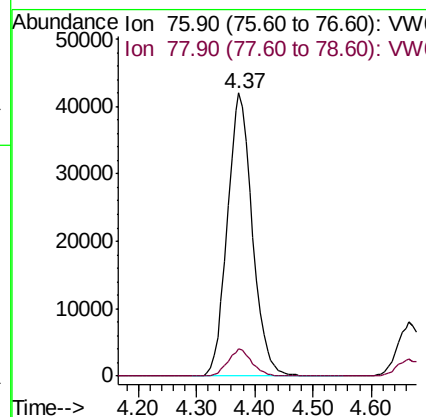
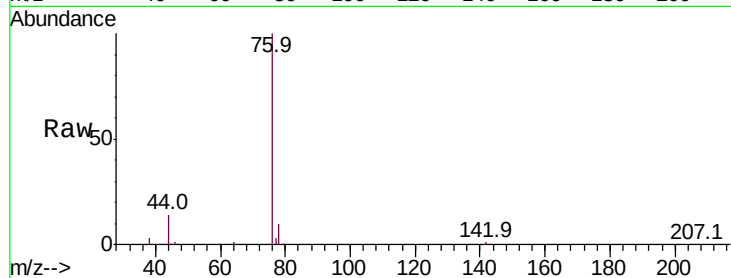
VW1106SBS01

Tot Ion: 76 Resp: 125046

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



#18

Methyl Acetate

Concen: 16.944 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006681.D

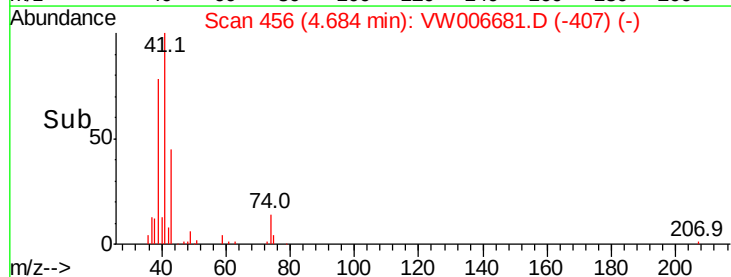
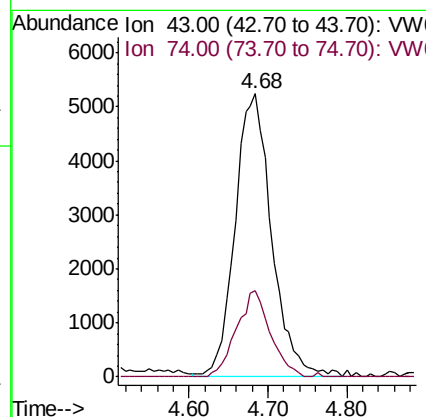
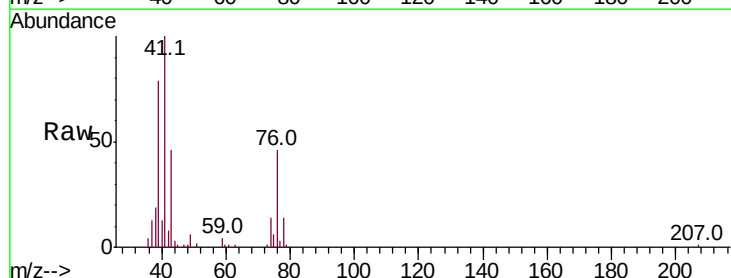
Acq: 06 Nov 2018 13:06

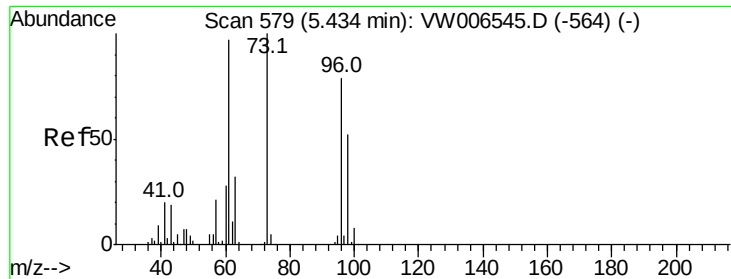
Tgt Ion: 43 Resp: 16944

Ion Ratio Lower Upper

43 100

74 27.9 21.9 32.9

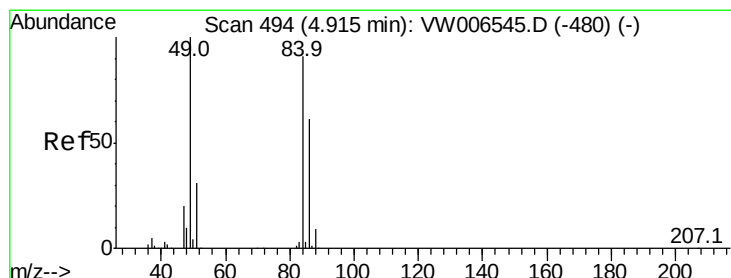
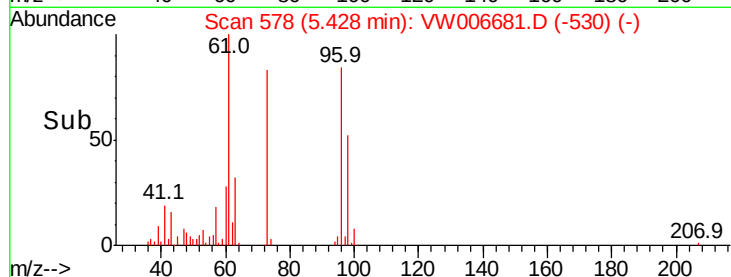
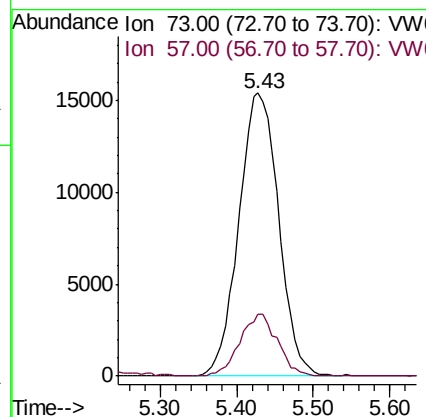
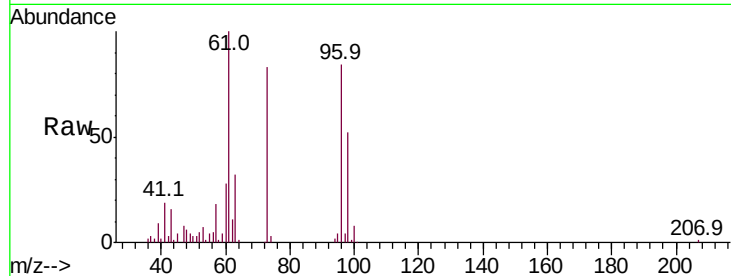




#19
Methyl tert-butyl Ether
Concen: 18.298 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

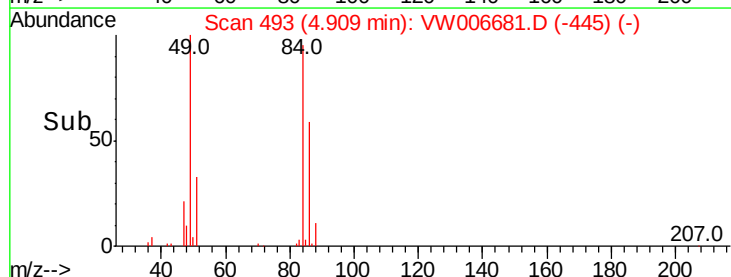
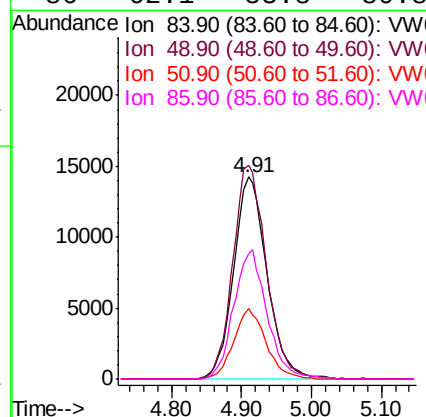
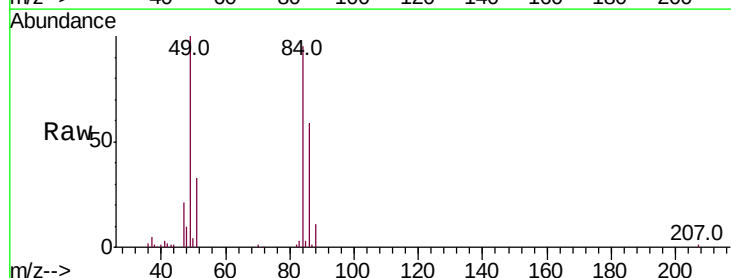
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

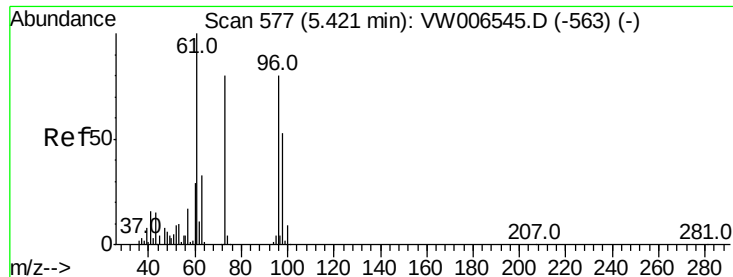
Tot Ion: 73 Resp: 55671
Ion Ratio Lower Upper
73 100
57 21.8 16.7 25.1



#20
Methylene Chloride
Concen: 17.027 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 84 Resp: 47253
Ion Ratio Lower Upper
84 100
49 105.7 88.2 132.4
51 34.5 27.0 40.6
86 62.1 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 20.468 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

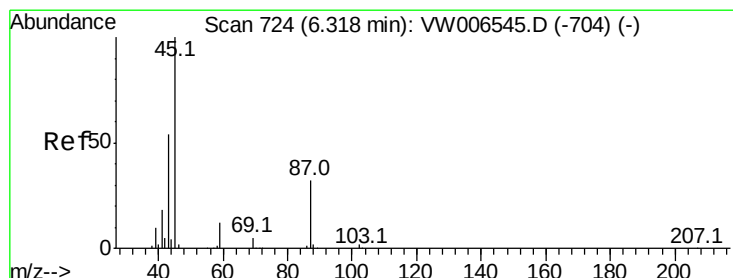
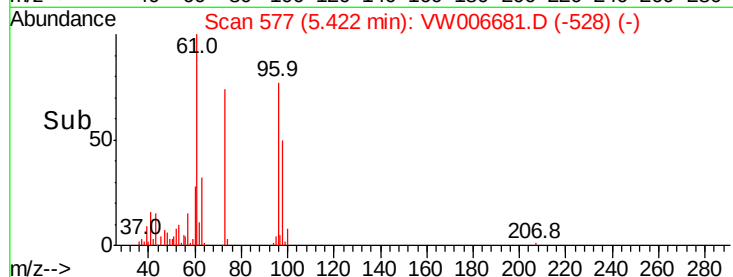
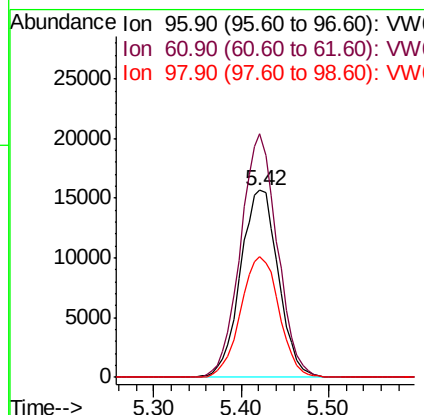
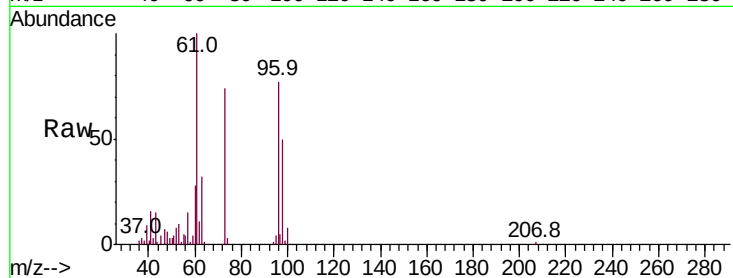
Tot Ion: 96 Resp: 47339

Ion Ratio Lower Upper

96 100

61 130.1 100.6 150.8

98 64.4 52.9 79.3



#22

Diisopropyl ether

Concen: 19.499 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Tgt Ion: 45 Resp: 108456

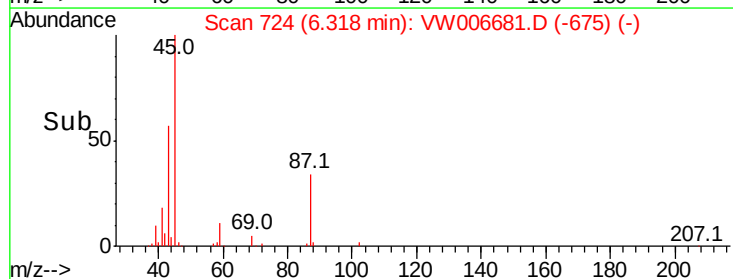
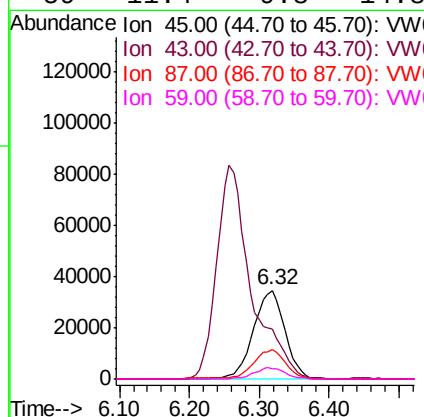
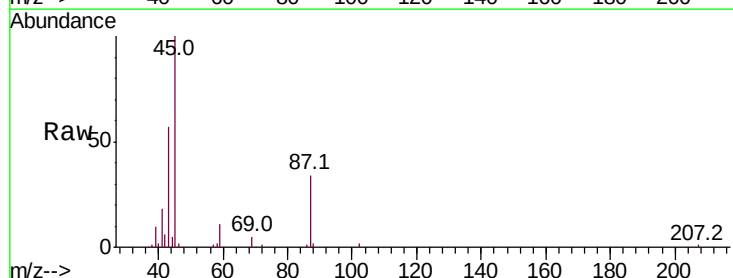
Ion Ratio Lower Upper

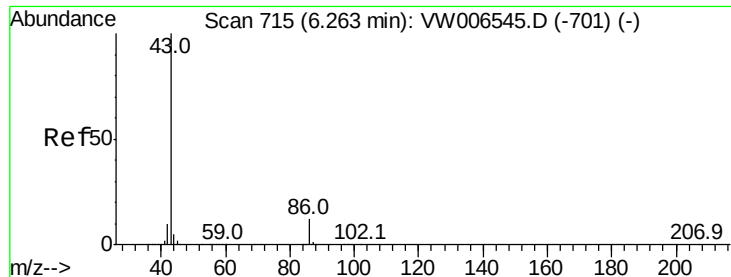
45 100

43 56.1 43.6 65.4

87 33.9 26.3 39.5

59 11.4 9.8 14.8





#23

Vinyl Acetate

Concen: 92.867 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

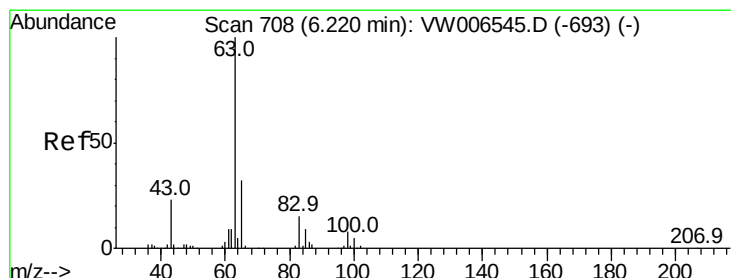
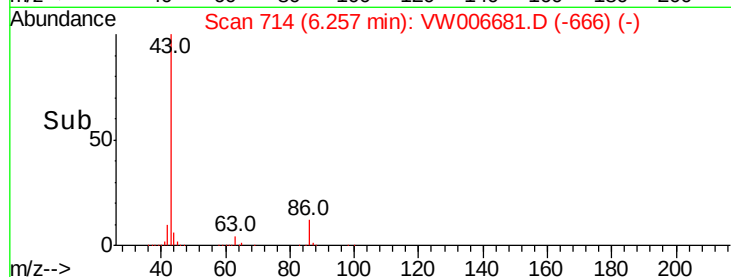
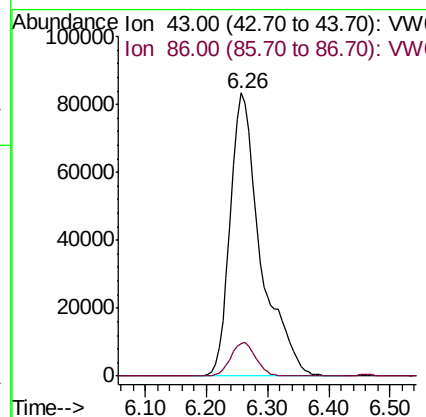
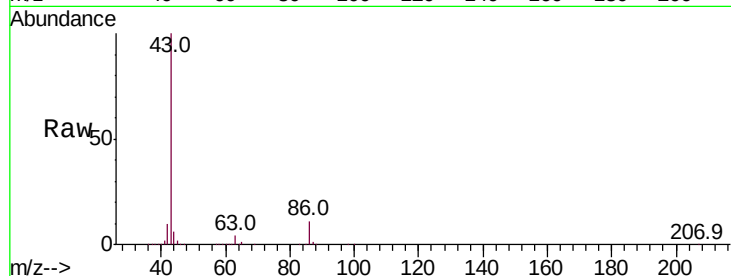
VW1106SBS01

Tot Ion: 43 Resp: 286450

Ion Ratio Lower Upper

43 100

86 11.5 9.8 14.8



#24

1,1-Dichloroethane

Concen: 20.190 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

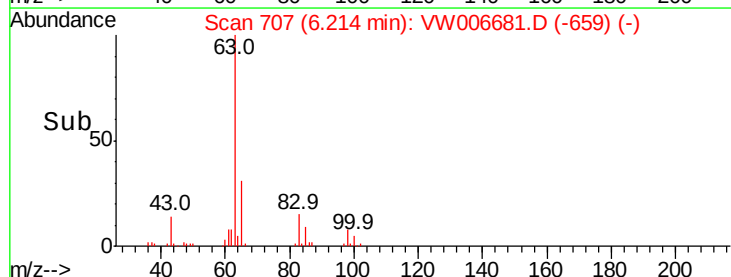
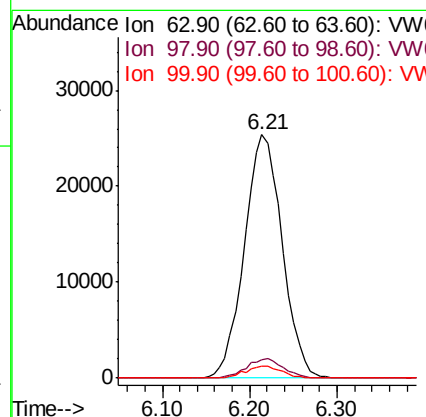
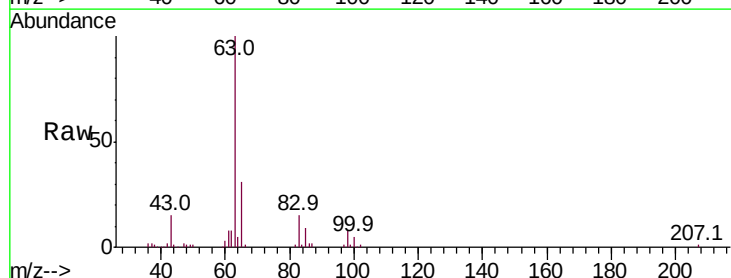
Tgt Ion: 63 Resp: 76109

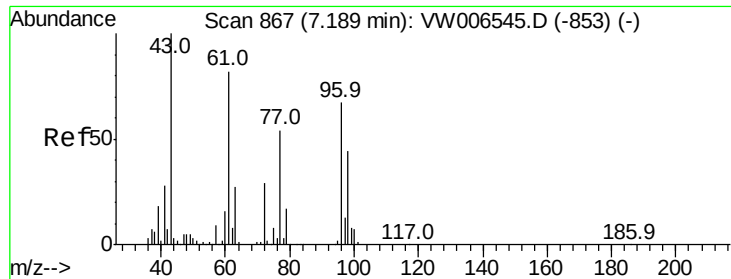
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 98.334 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

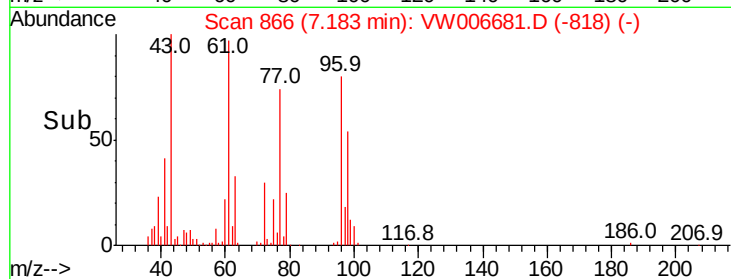
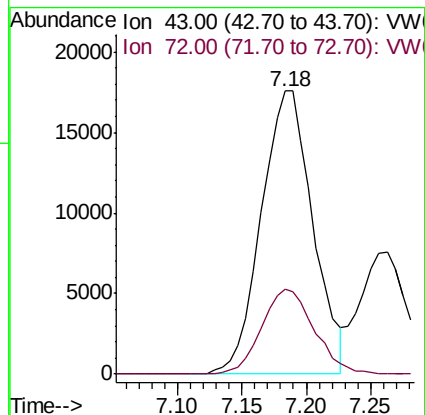
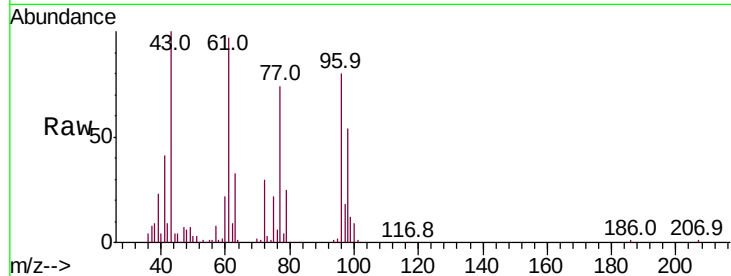
VW1106SBS01

Tot Ion: 43 Resp: 48798

Ion Ratio Lower Upper

43 100

72 29.9 23.2 34.8



#26

2,2-Dichloropropane

Concen: 22.999 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006681.D

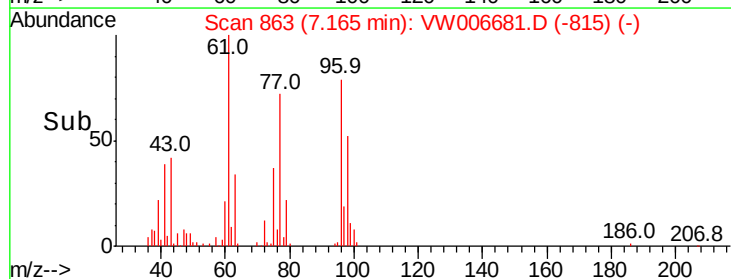
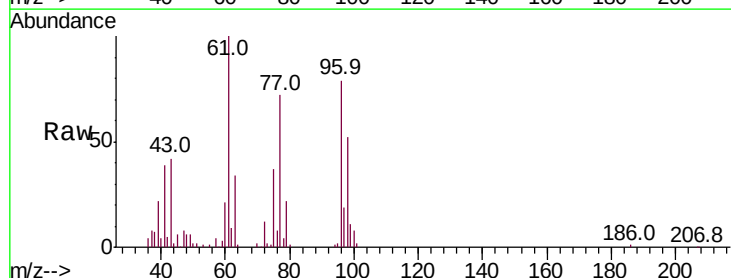
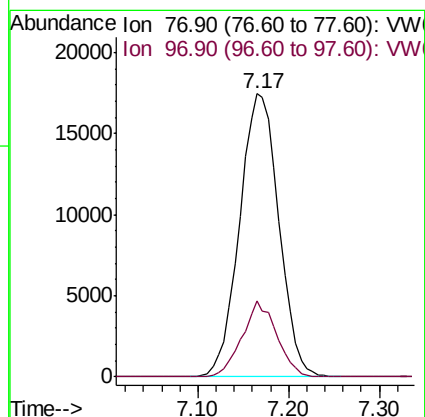
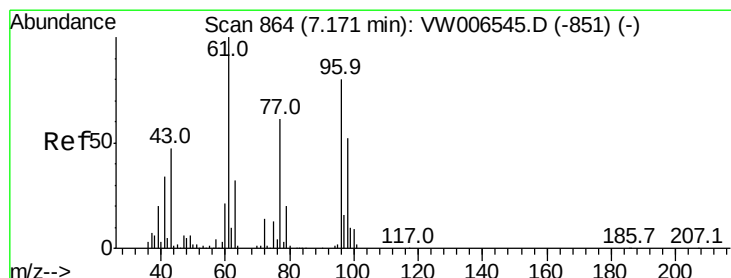
Acq: 06 Nov 2018 13:06

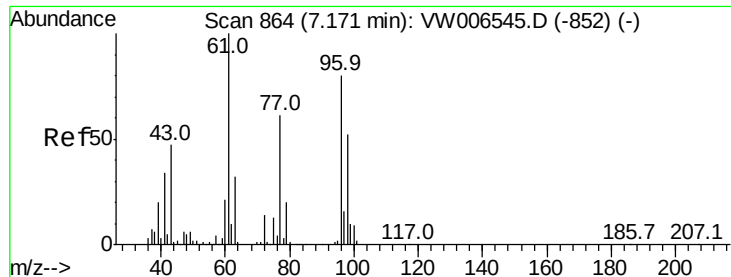
Tgt Ion: 77 Resp: 52227

Ion Ratio Lower Upper

77 100

97 23.7 12.8 38.4



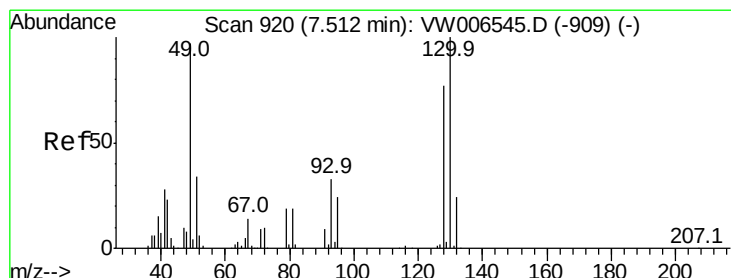
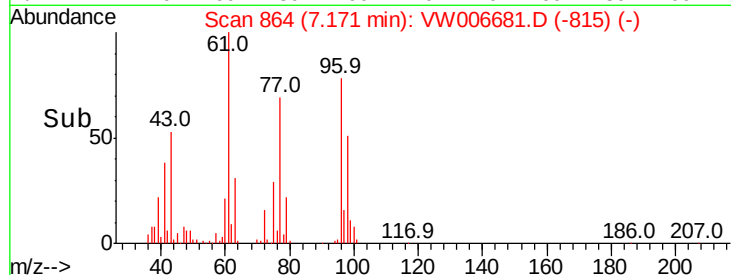
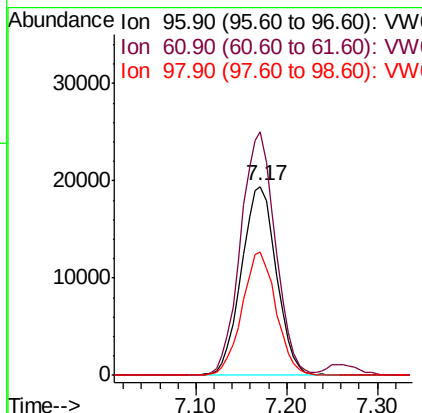
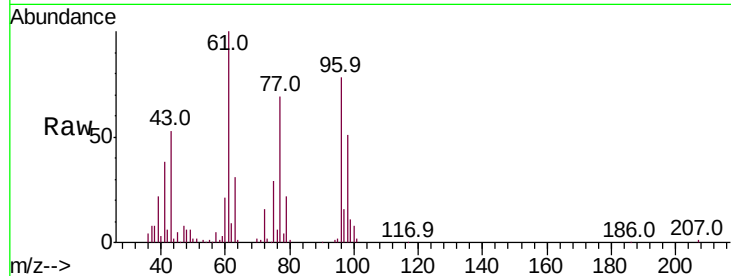


#27

cis-1,2-Dichloroethene
 Concen: 20.054 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

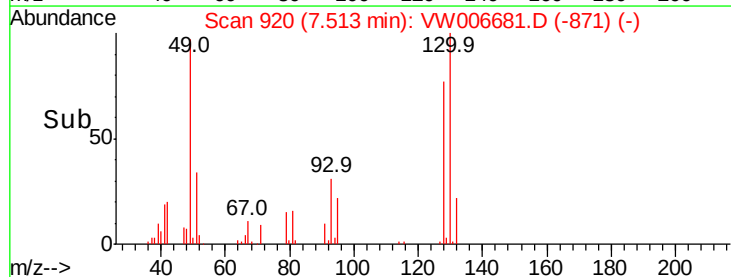
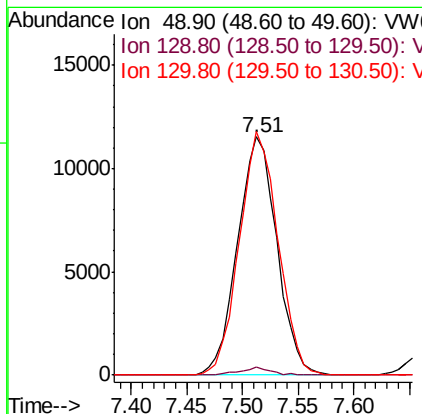
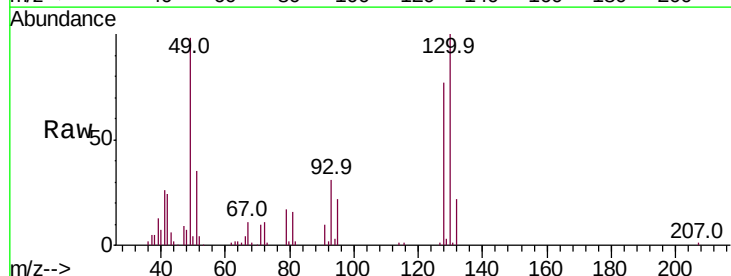
Tot Ion	96	Resp	51891
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	254.2
98	63.3	0.0	129.6

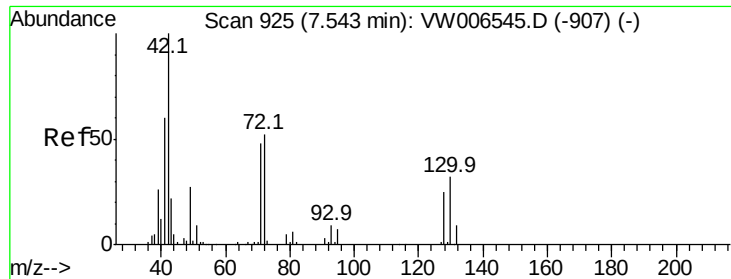


#28

Bromochloromethane
 Concen: 18.866 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	49	Resp	28240
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	100.4	82.2	123.2

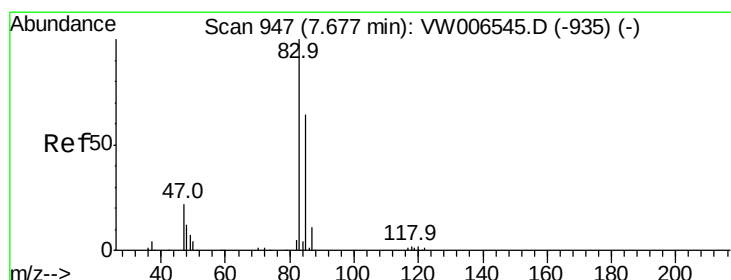
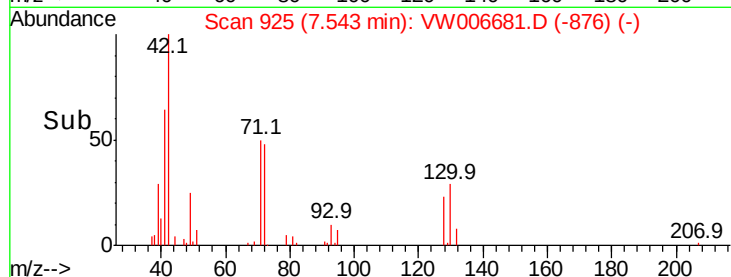
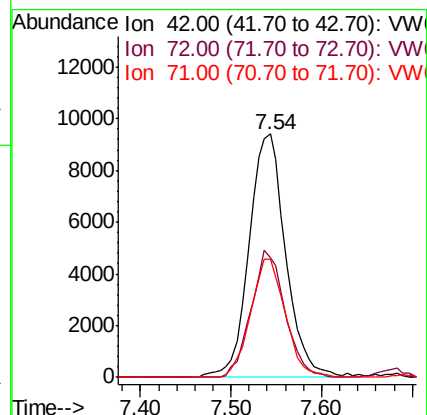
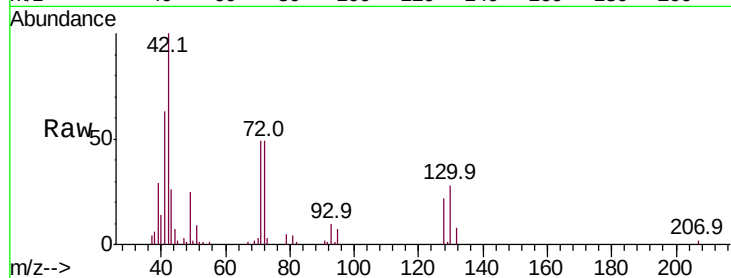




#29
Tetrahydrofuran
Concen: 84.001 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

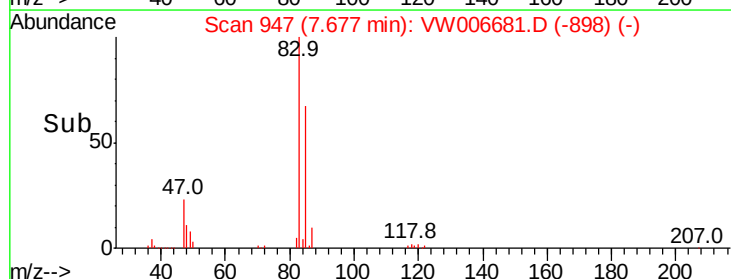
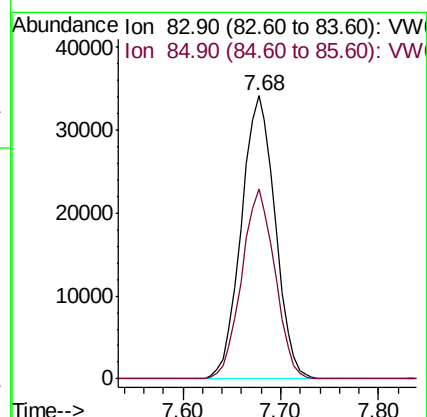
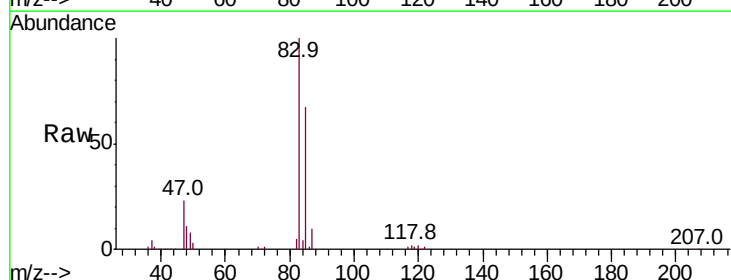
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

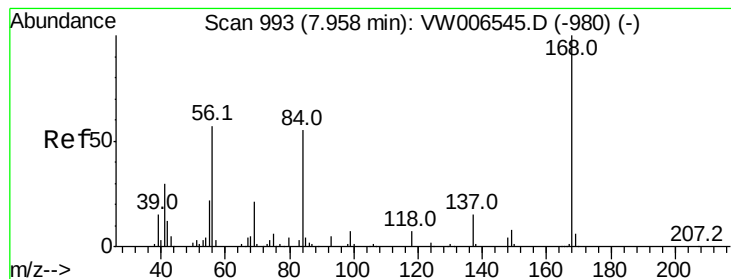
Tot Ion: 42 Resp: 26219
Ion Ratio Lower Upper
42 100
72 48.4 39.2 58.8
71 46.1 37.6 56.4



#30
Chloroform
Concen: 19.834 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 83 Resp: 81974
Ion Ratio Lower Upper
83 100
85 66.9 51.3 76.9





#31

Cyclohexane

Concen: 20.913 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

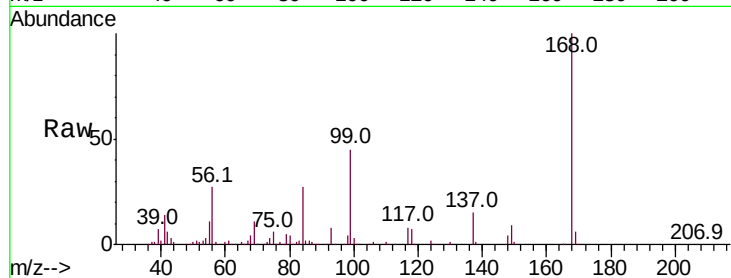
Tot Ion: 56 Resp: 71752

Ion Ratio Lower Upper

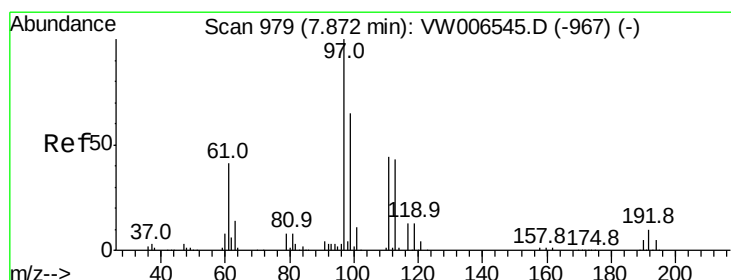
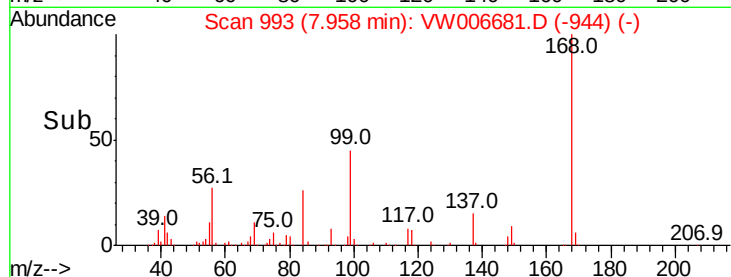
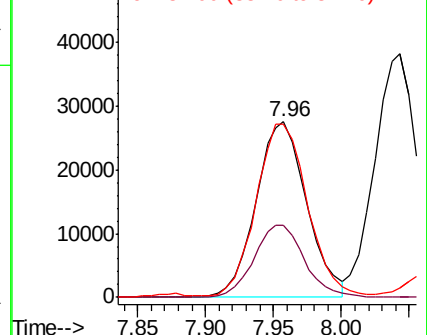
56 100

69 40.9 29.0 43.4

84 98.3 77.8 116.6



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: 21.068 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

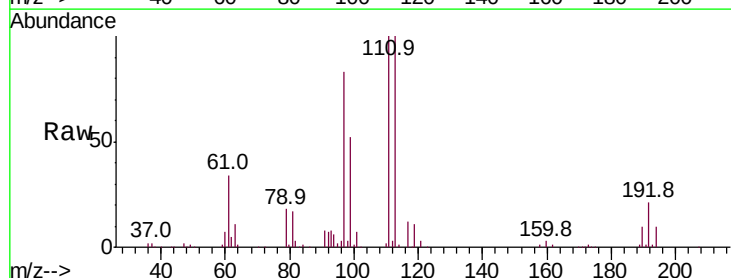
Tgt Ion: 97 Resp: 73681

Ion Ratio Lower Upper

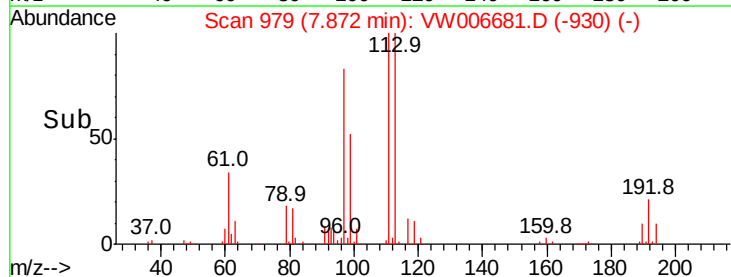
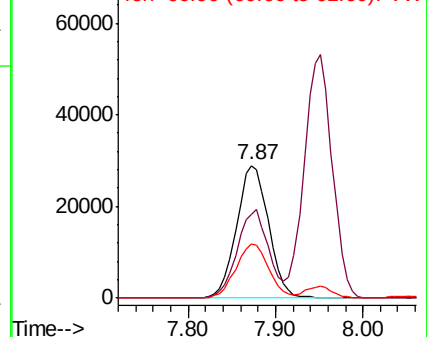
97 100

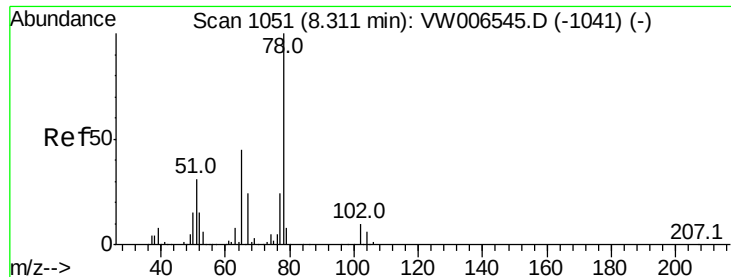
99 65.3 51.7 77.5

61 41.8 32.9 49.3



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

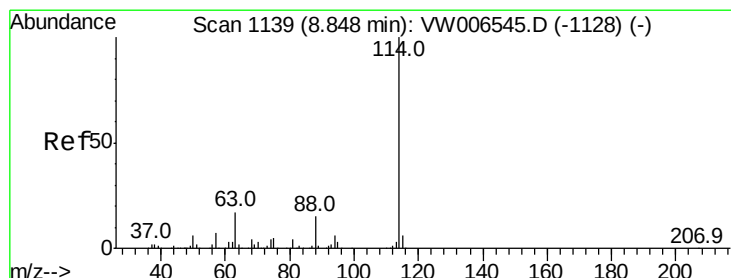
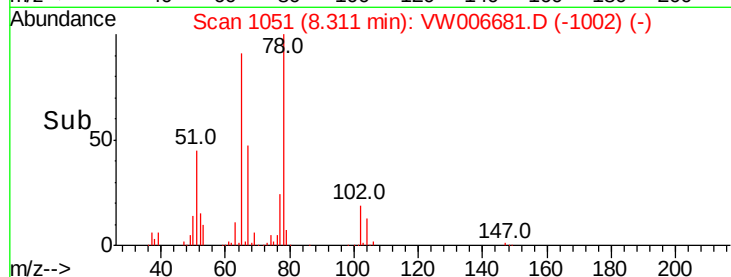
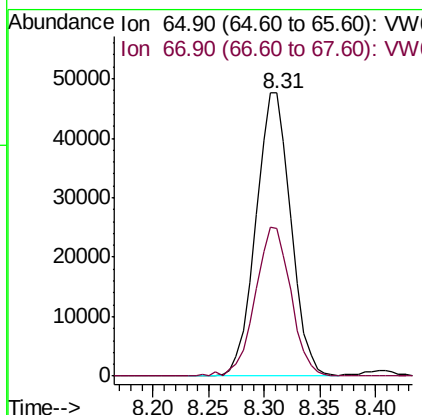
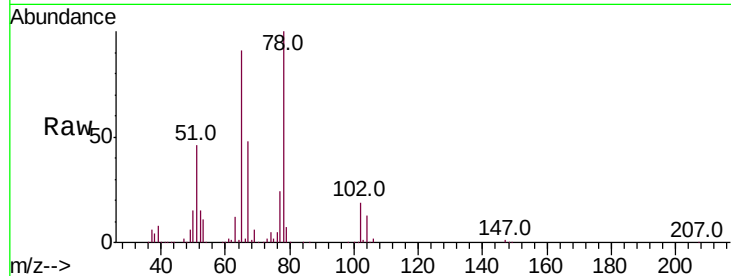




#33
 1,2-Dichloroethane-d4
 Concen: 48.423 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

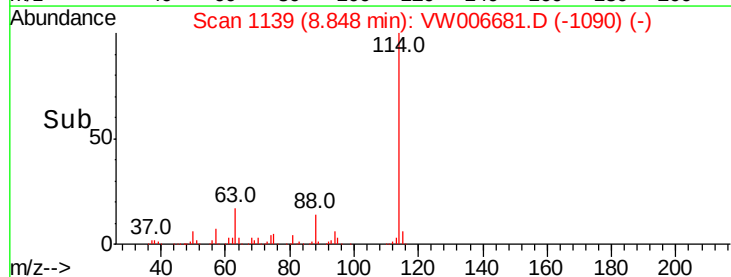
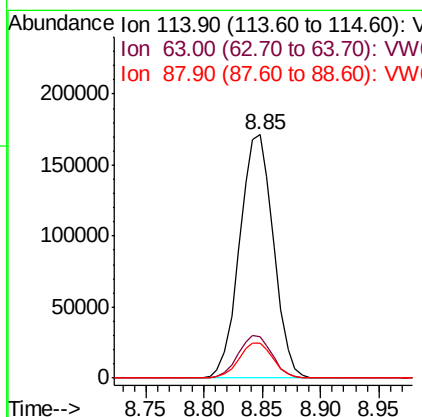
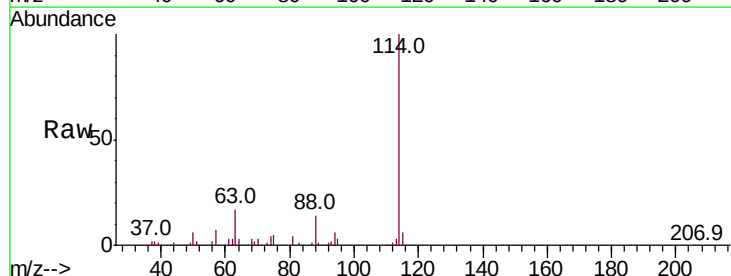
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

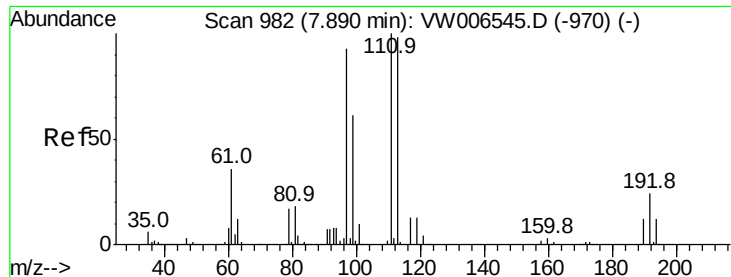
Tot Ion: 65 Resp: 104305
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion: 114 Resp: 346790
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 34.4
 88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.186 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

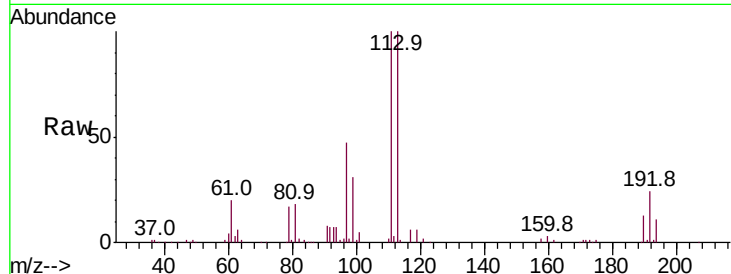
Tot Ion:113 Resp: 115753

Ion Ratio Lower Upper

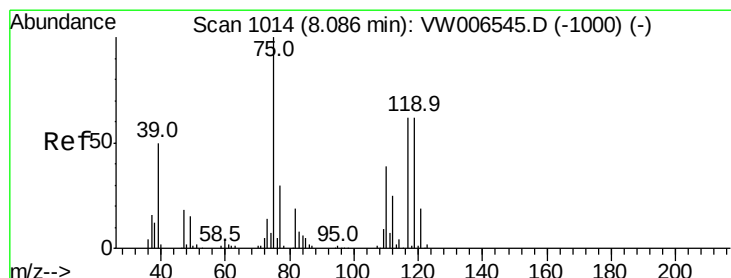
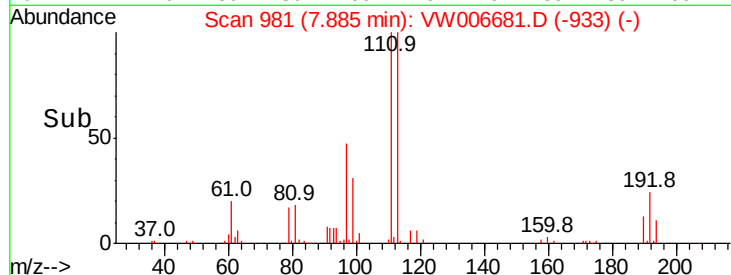
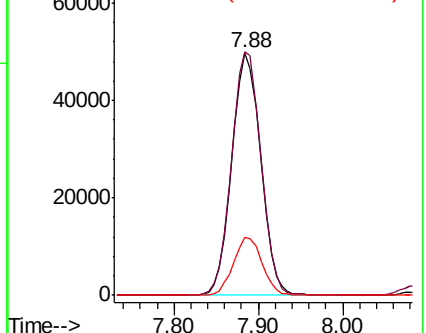
113 100

111 102.1 82.2 123.2

192 23.6 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.065 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

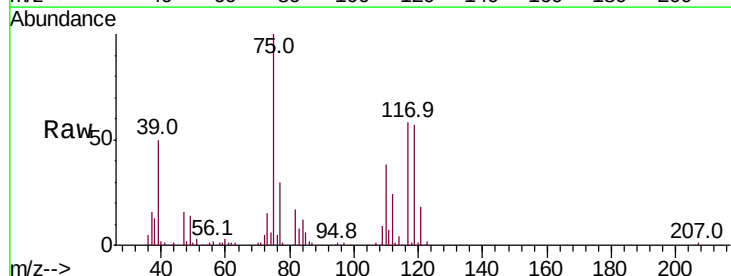
Tgt Ion: 75 Resp: 67291

Ion Ratio Lower Upper

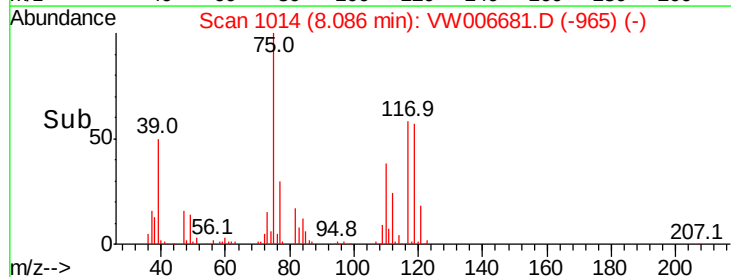
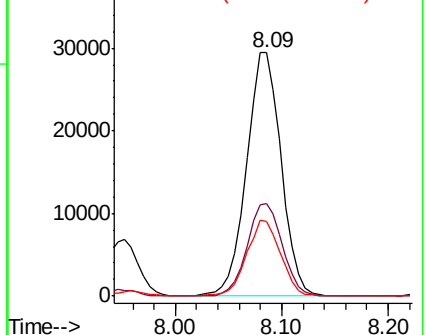
75 100

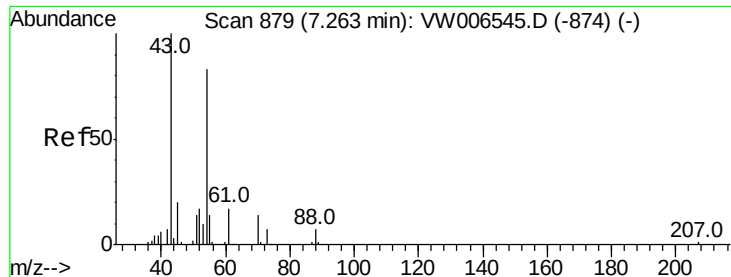
110 38.3 19.5 58.5

77 30.7 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

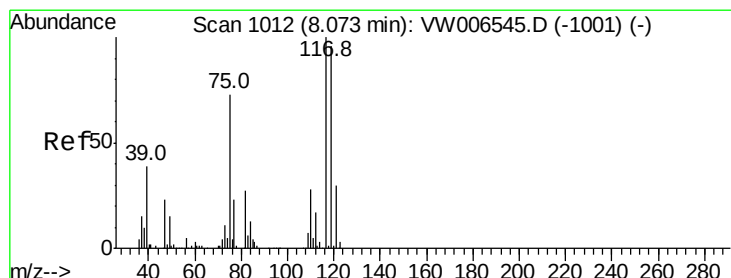
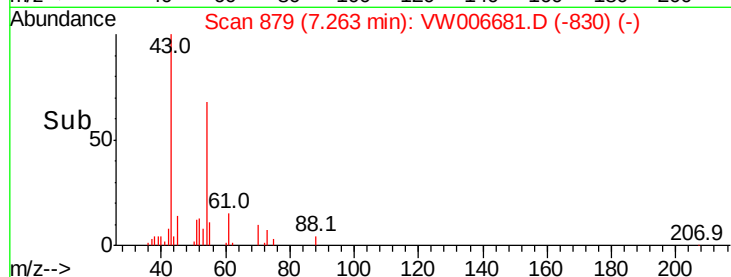
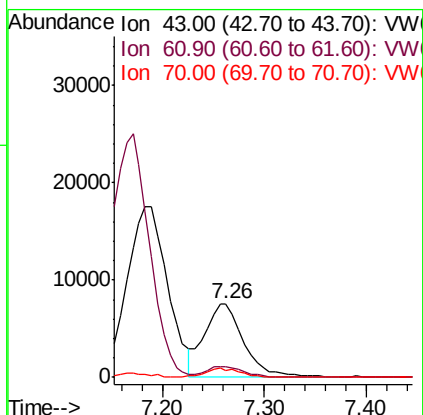
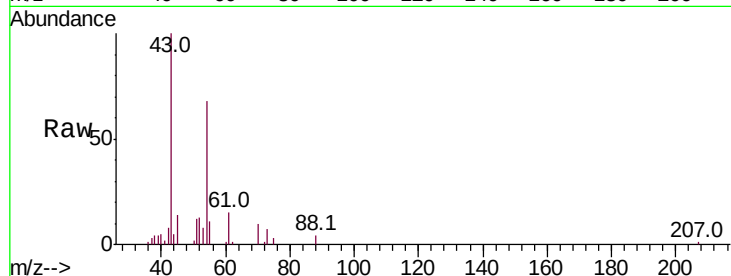




#37
Ethyl Acetate
Concen: 19.377 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

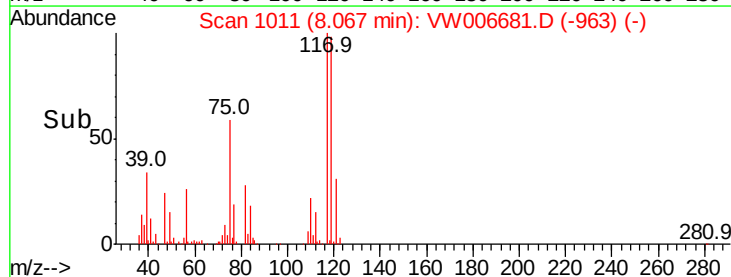
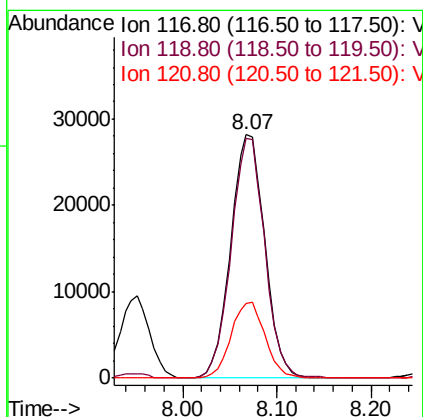
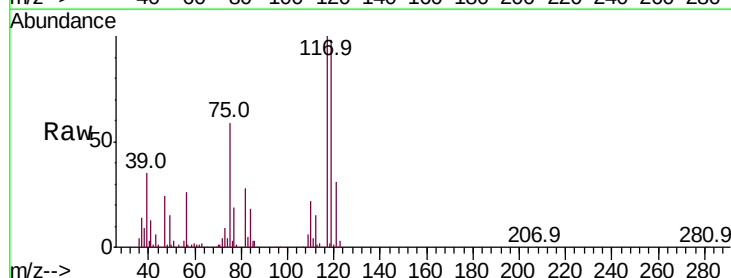
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

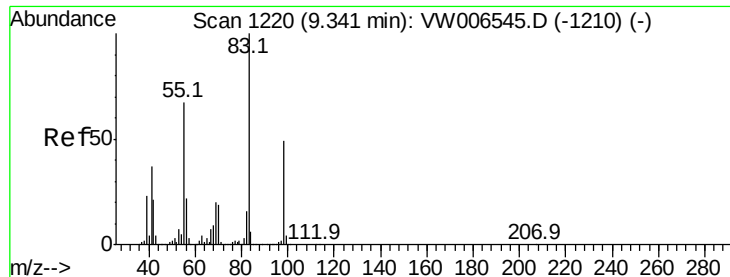
Tot Ion: 43 Resp: 20478
Ion Ratio Lower Upper
43 100
61 14.3 12.1 18.1
70 11.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 22.329 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 117 Resp: 71155
Ion Ratio Lower Upper
117 100
119 98.4 76.3 114.5
121 30.9 24.1 36.1





#39

Methylvlcyclohexane

Concen: 22.041 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

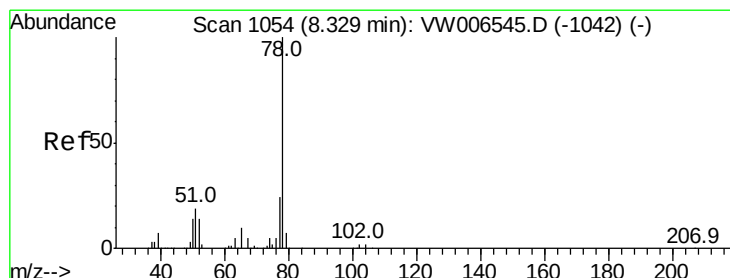
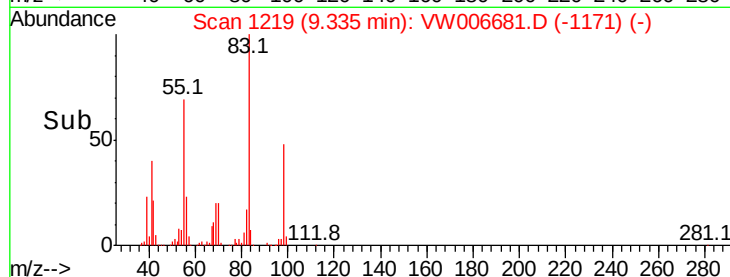
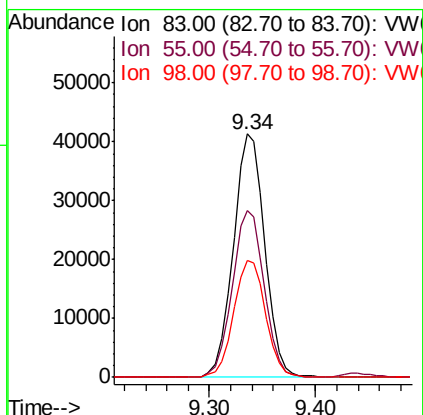
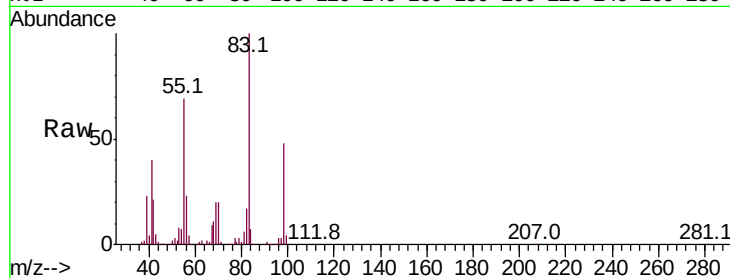
Tot Ion: 83 Resp: 85302

Ion Ratio Lower Upper

83 100

55 68.6 53.7 80.5

98 47.8 39.2 58.8



#40

Benzene

Concen: 21.474 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006681.D

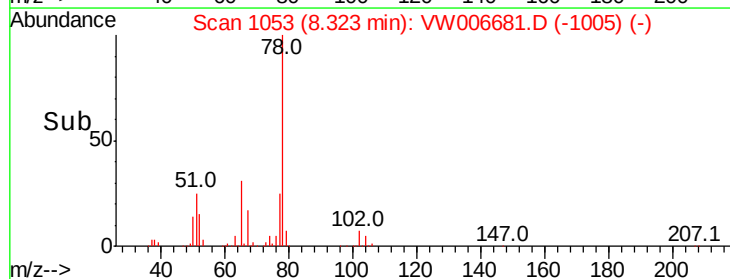
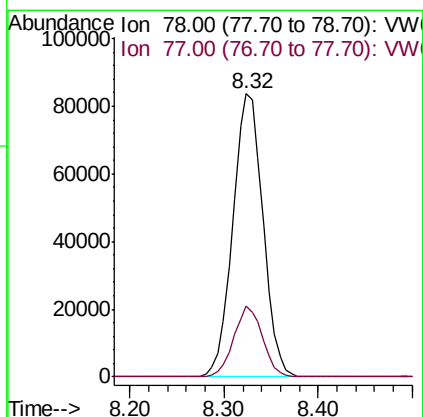
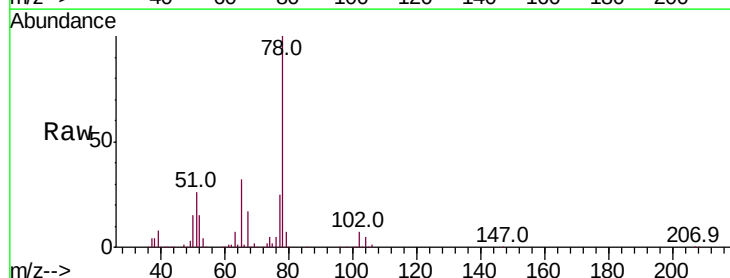
Acq: 06 Nov 2018 13:06

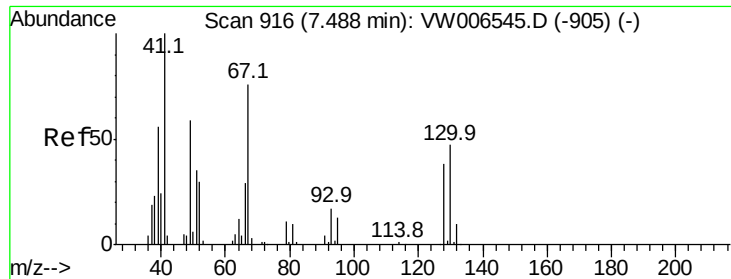
Tgt Ion: 78 Resp: 186010

Ion Ratio Lower Upper

78 100

77 25.0 19.2 28.8

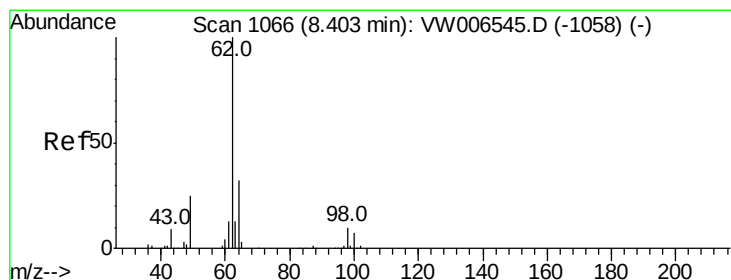
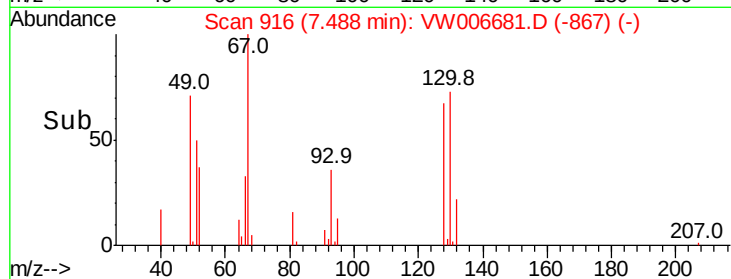
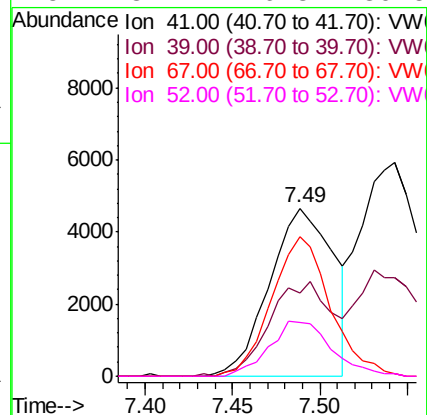
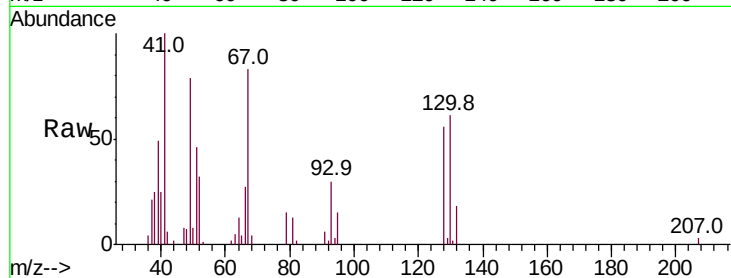




#41
Methacrylonitrile
Concen: 18.312 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

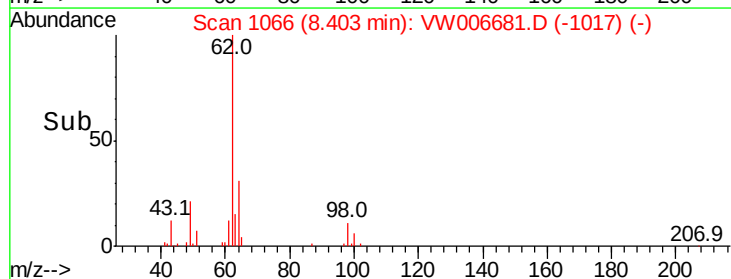
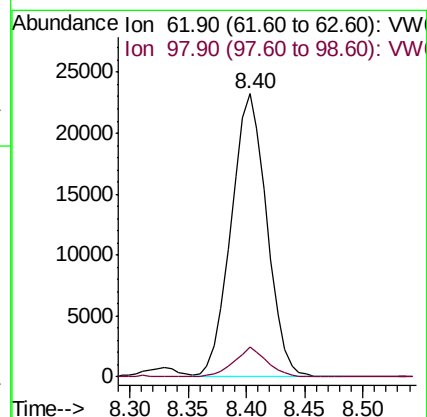
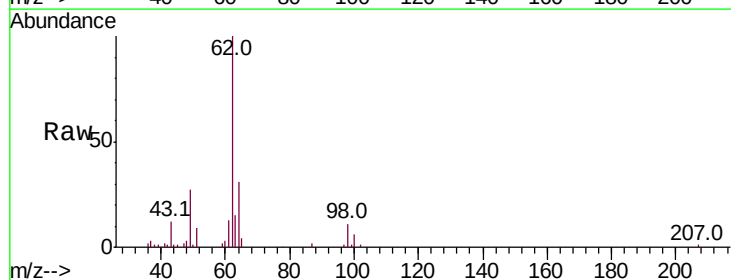
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

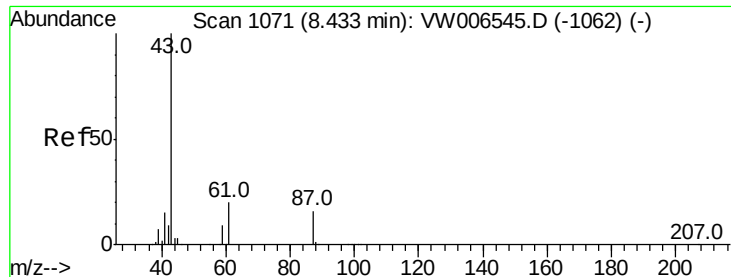
Tot Ion:	41	Resp:	11867
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.5	66.7
67	76.3	63.8	95.8
52	32.1	26.3	39.5



#42
1,2-Dichloroethane
Concen: 19.894 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion:	62	Resp:	49422
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.892 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

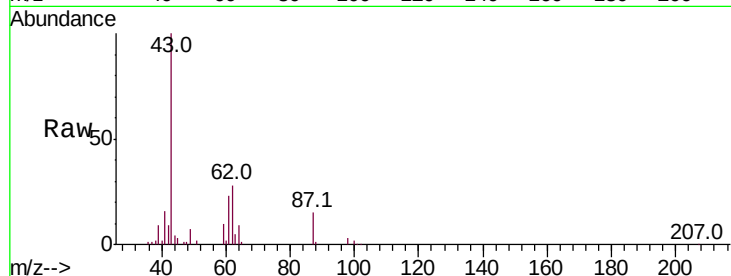
Tot Ion: 43 Resp: 37732

Ion Ratio Lower Upper

43 100

61 35.0 27.2 40.8

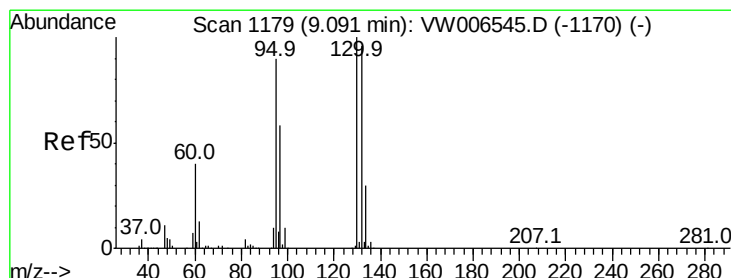
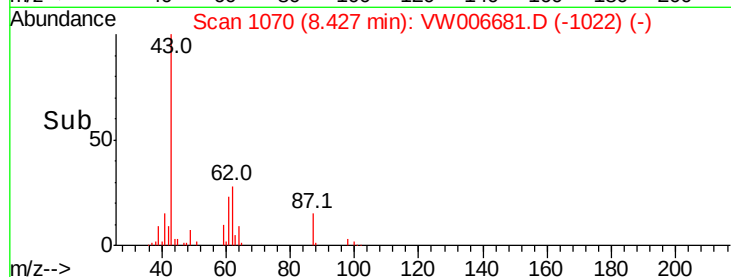
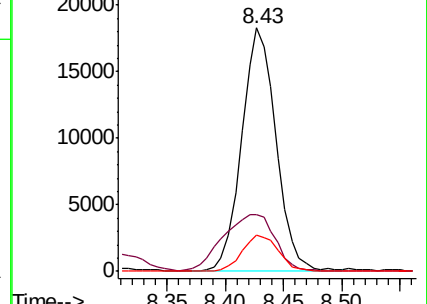
87 15.6 12.9 19.3



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: 21.291 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006681.D

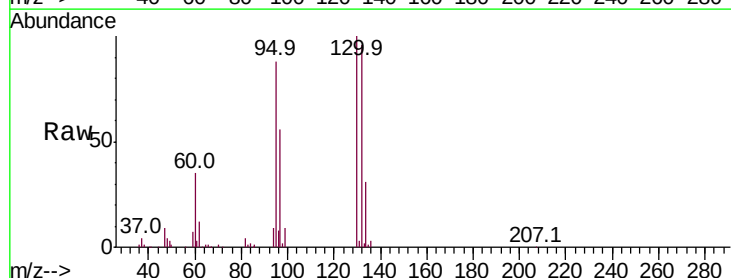
Acq: 06 Nov 2018 13:06

Tgt Ion:130 Resp: 56912

Ion Ratio Lower Upper

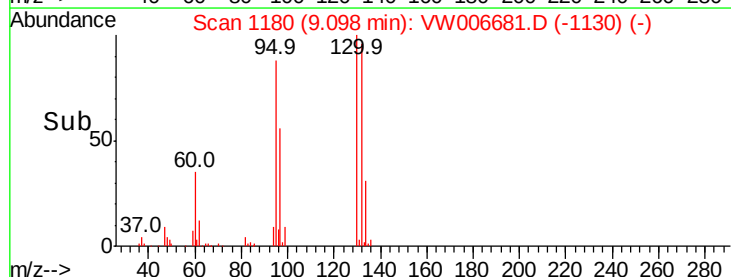
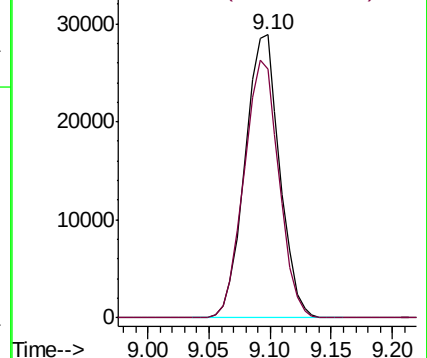
130 100

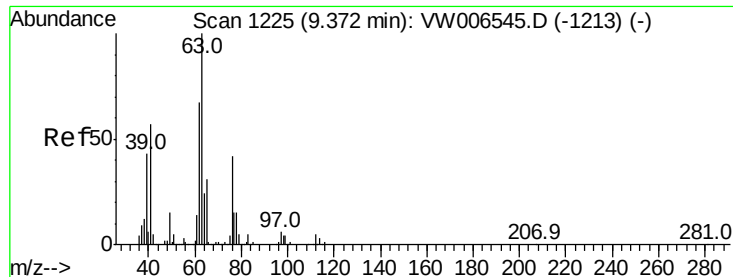
95 87.9 0.0 179.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

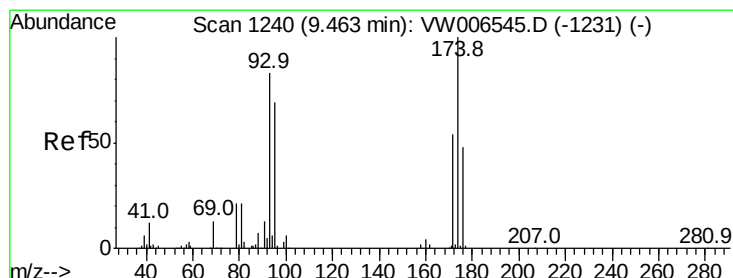
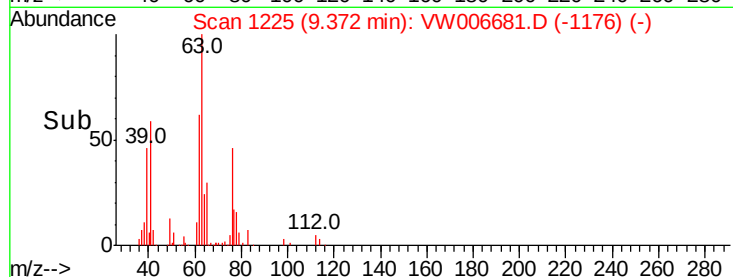
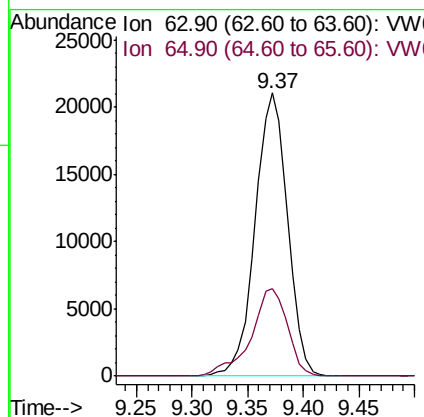
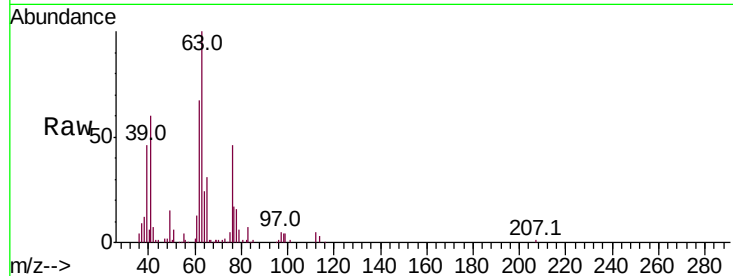




#45
 1,2-Dichloropropane
 Concen: 21.205 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

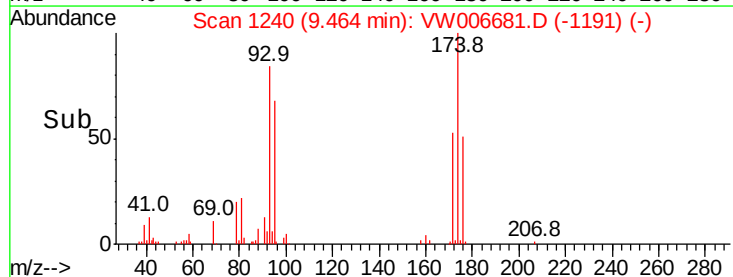
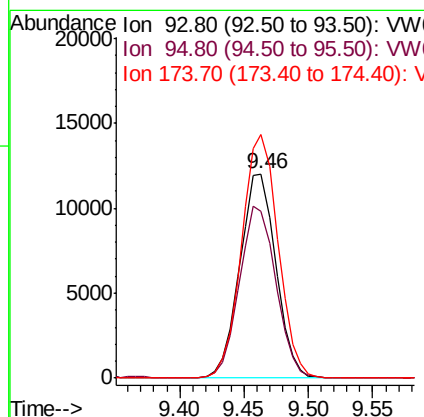
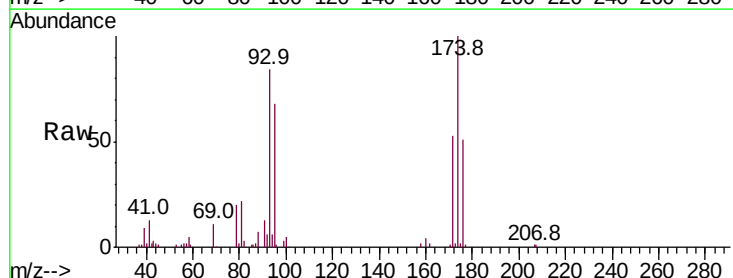
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

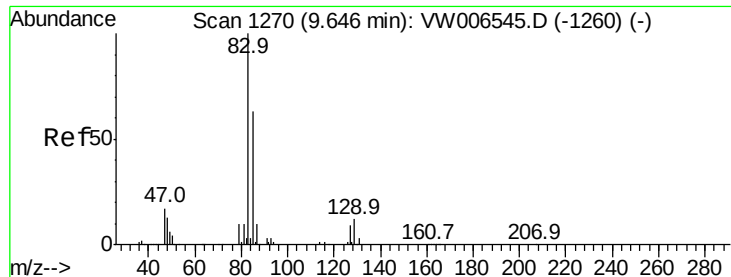
Tot Ion: 63 Resp: 42746
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7



#46
 Dibromomethane
 Concen: 19.712 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion: 93 Resp: 23359
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.2 100.8
 174 119.9 97.3 145.9





#47

Bromodichloromethane

Concen: 20.525 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

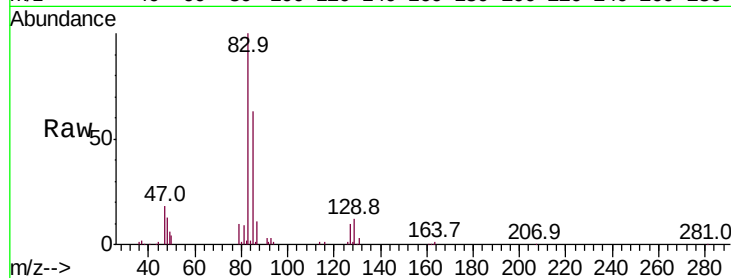
Tot Ion: 83 Resp: 56473

Ion Ratio Lower Upper

83 100

85 62.7 50.6 75.8

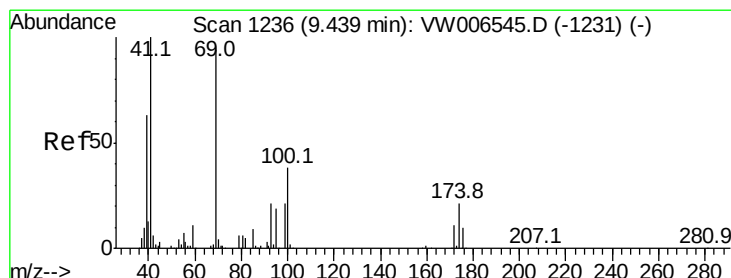
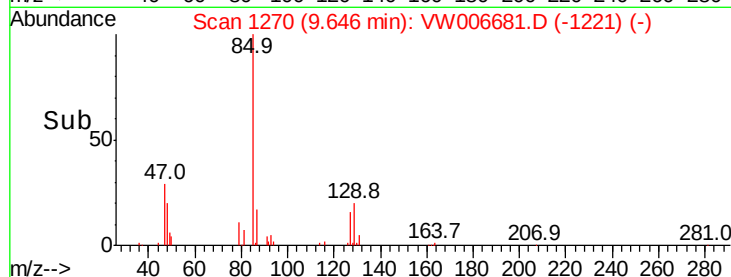
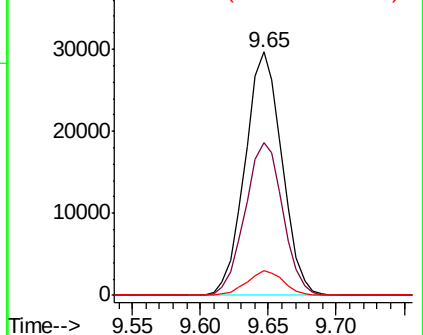
127 10.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.410 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

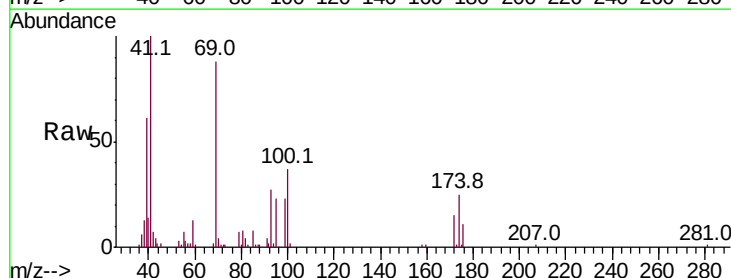
Tgt Ion: 41 Resp: 17690

Ion Ratio Lower Upper

41 100

69 99.4 77.8 116.8

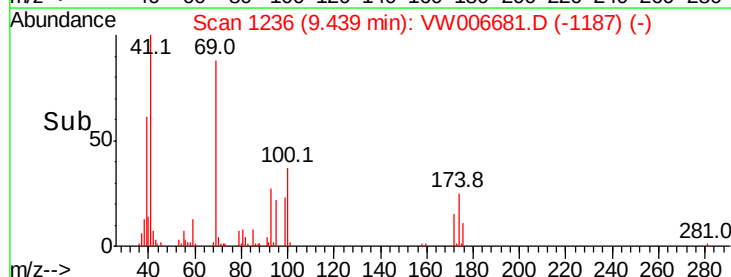
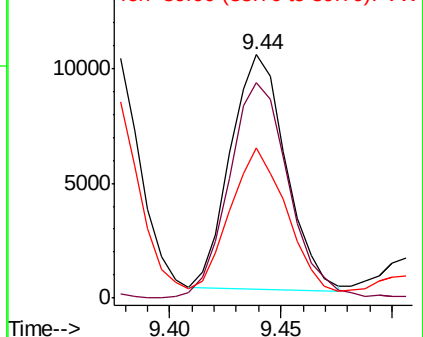
39 67.6 48.7 73.1

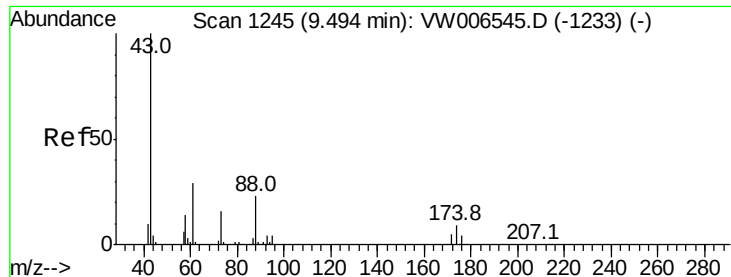


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 364.139 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

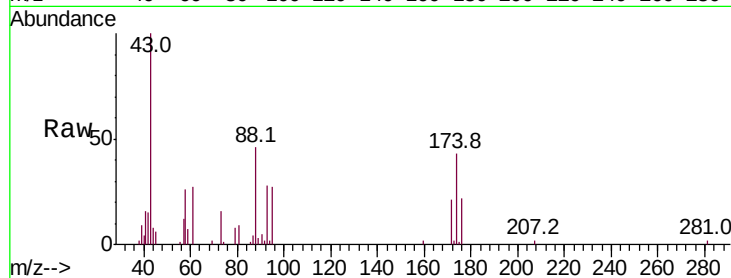
Tot Ion: 88 Resp: 6315

Ion Ratio Lower Upper

88 100

43 0.0 356.6 534.8#

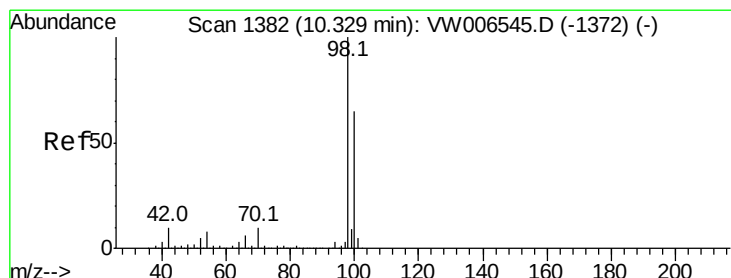
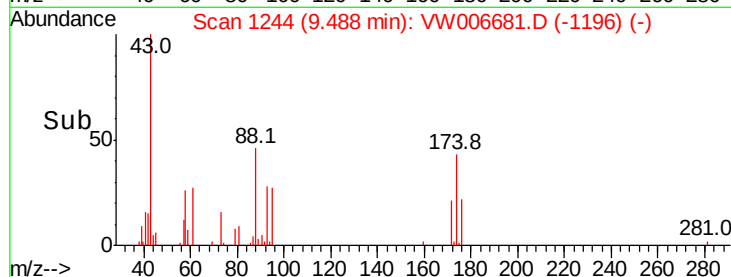
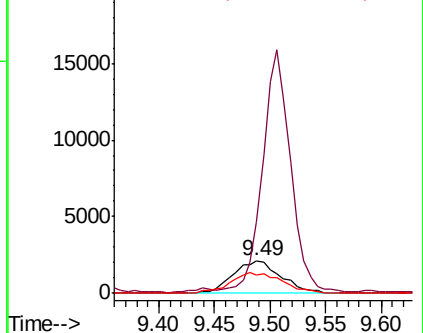
58 68.1 51.4 77.2



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.637 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006681.D

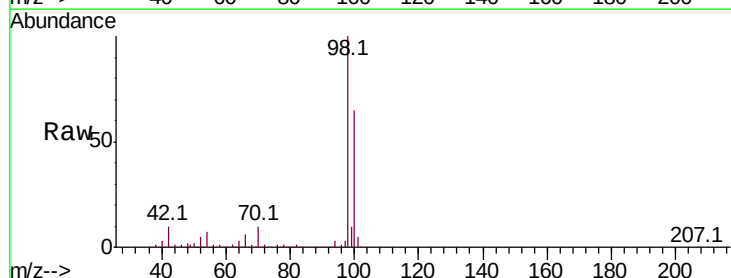
Acq: 06 Nov 2018 13:06

Tgt Ion: 98 Resp: 444390

Ion Ratio Lower Upper

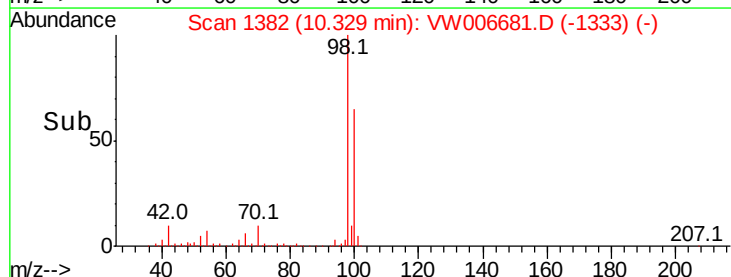
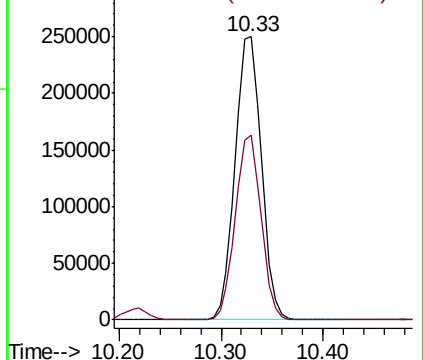
98 100

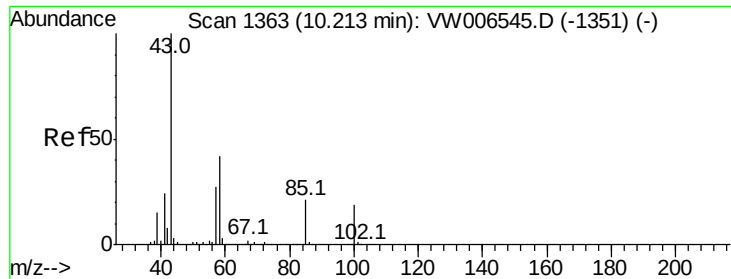
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

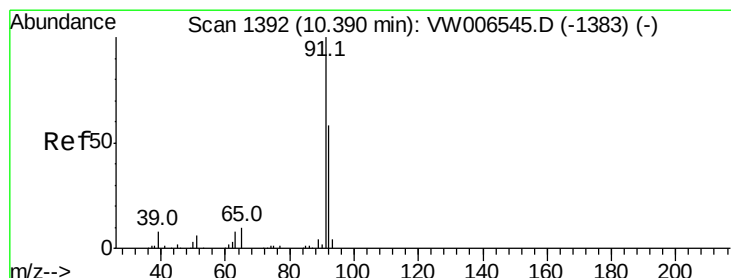
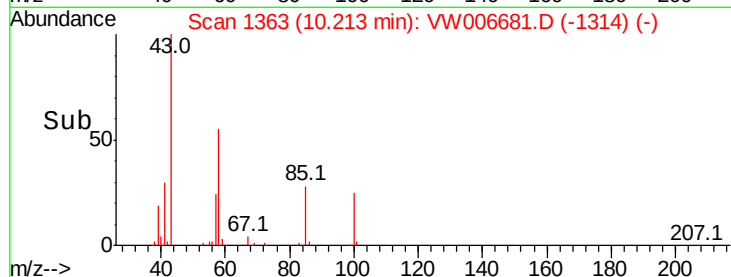
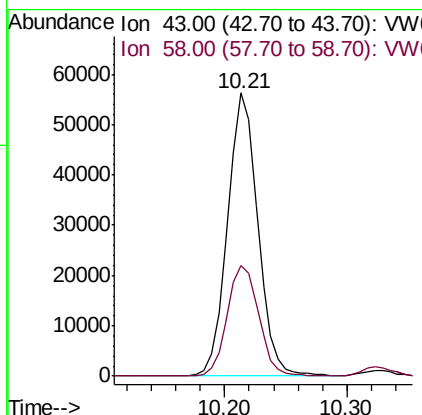
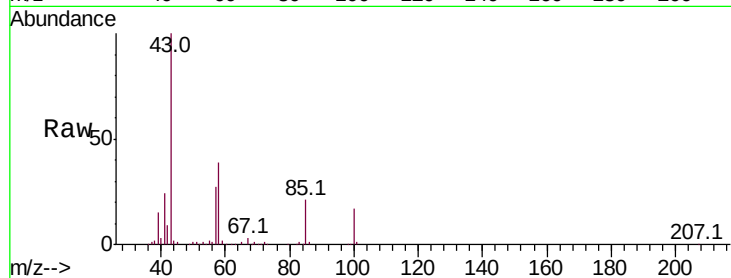




#51
4-Methyl-2-Pentanone
Concen: 89.217 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

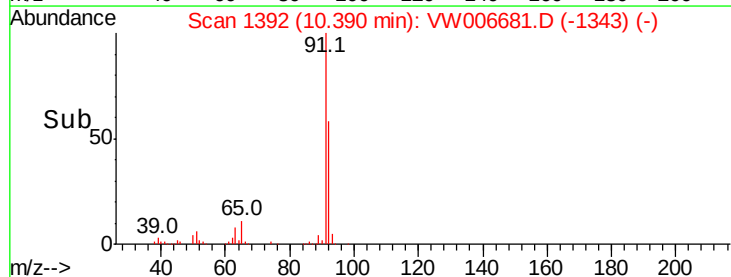
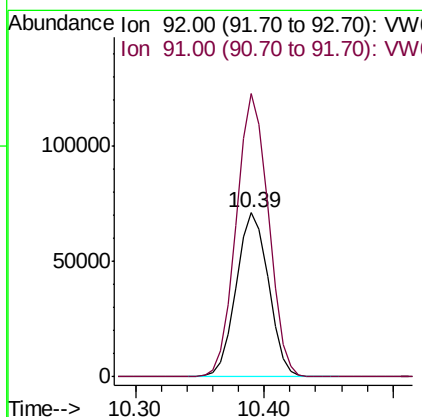
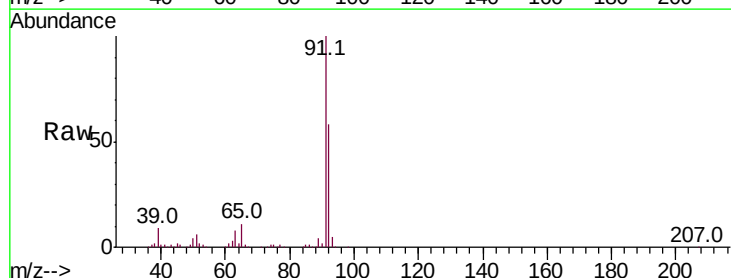
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

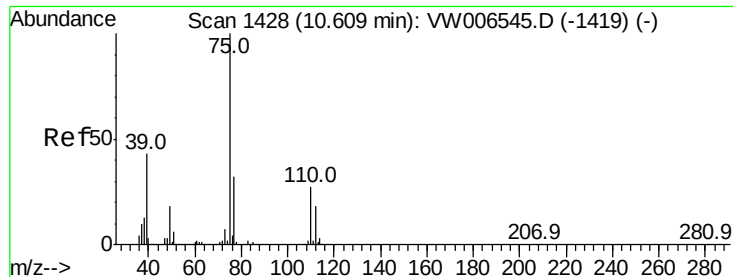
Tot Ion: 43 Resp: 96632
Ion Ratio Lower Upper
43 100
58 40.6 33.4 50.0



#52
Toluene
Concen: 21.290 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 92 Resp: 123694
Ion Ratio Lower Upper
92 100
91 171.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.020 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

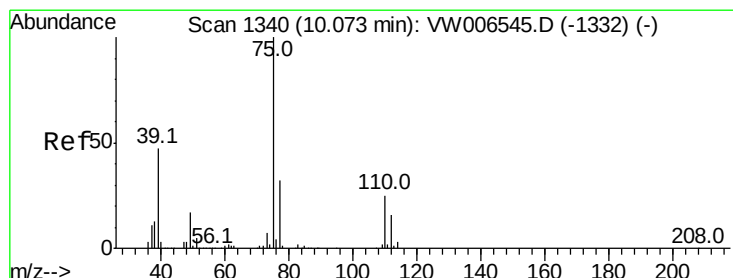
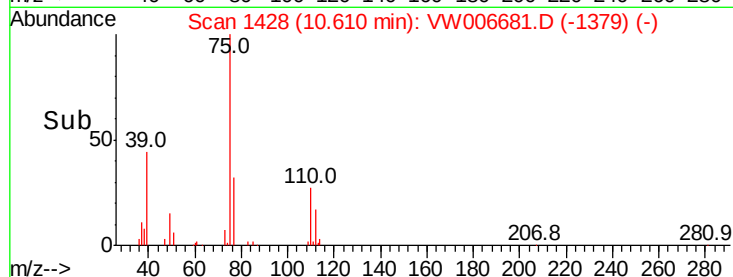
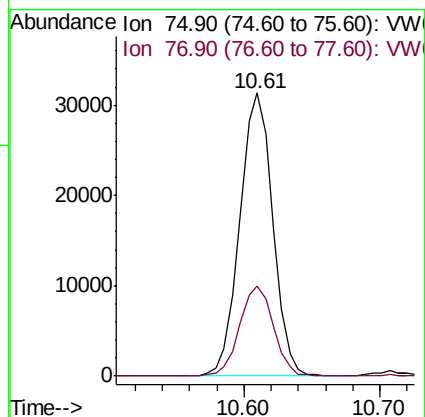
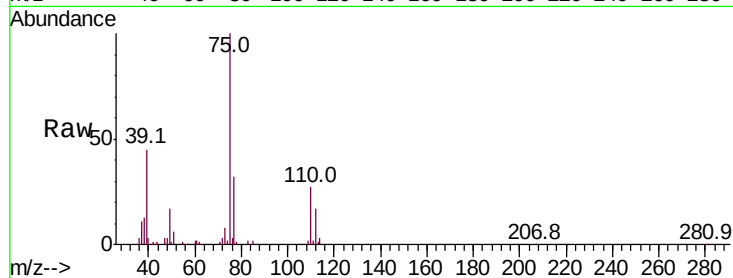
VW1106SBS01

Tot Ion: 75 Resp: 53014

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.501 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

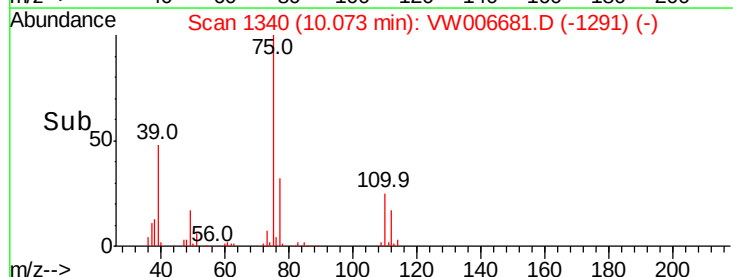
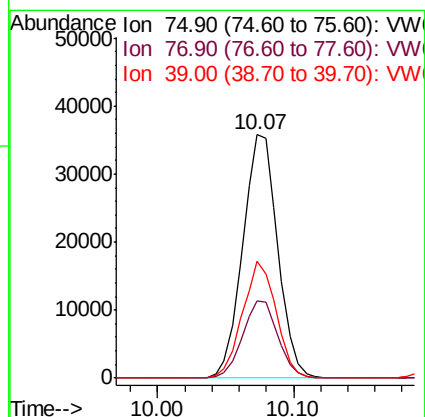
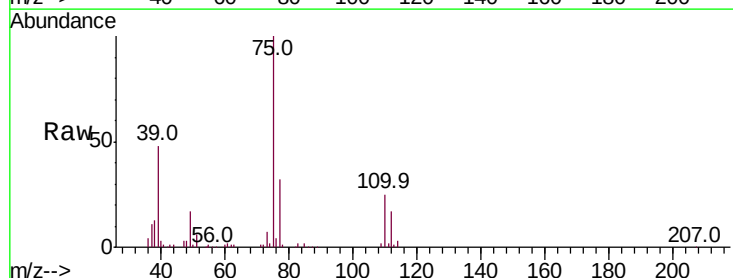
Tgt Ion: 75 Resp: 64152

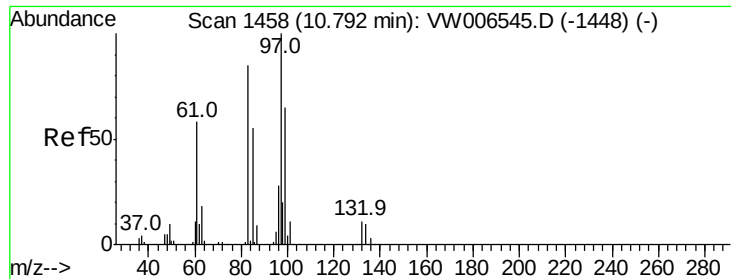
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 47.9 37.3 55.9

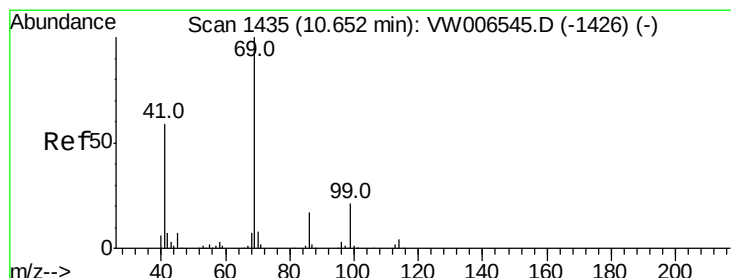
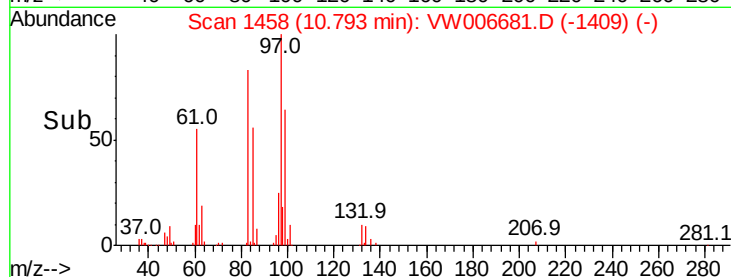
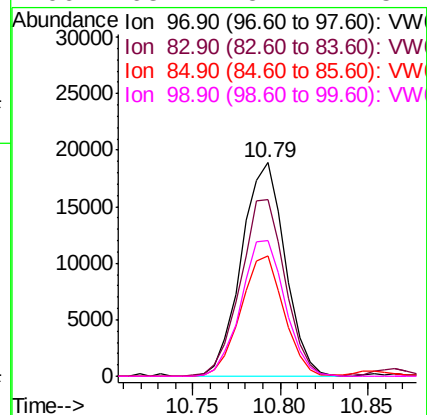
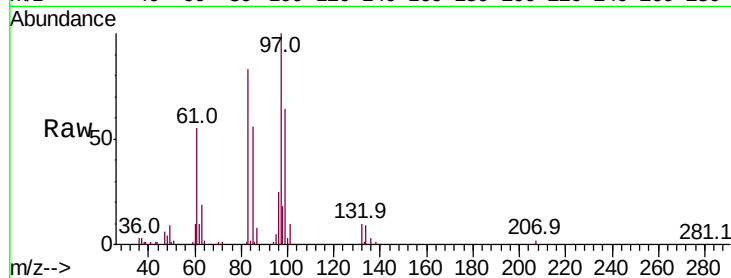




#55
 1,1,2-Trichloroethane
 Concen: 19.511 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

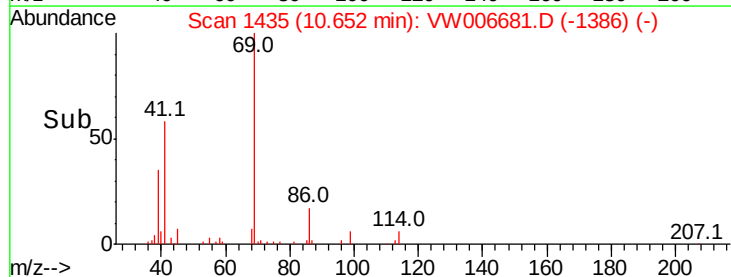
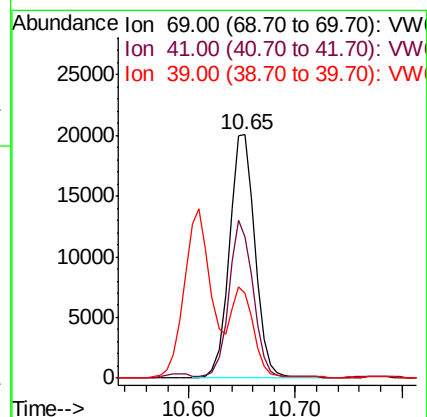
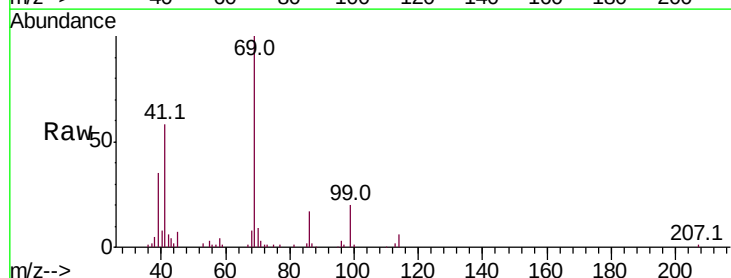
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

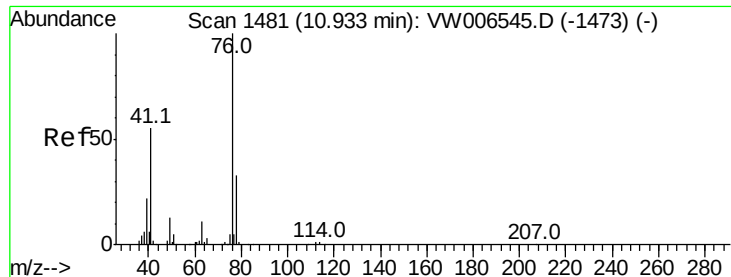
Tot Ion:	97	Resp:	32805
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.9	101.9
85	56.5	44.0	66.0
99	63.7	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 17.738 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion:	69	Resp:	33898
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.4	71.2
39	32.8	25.3	37.9





#57

1,3-Dichloropropane

Concen: 19.584 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

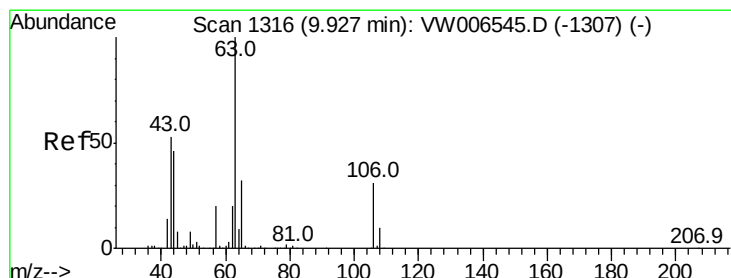
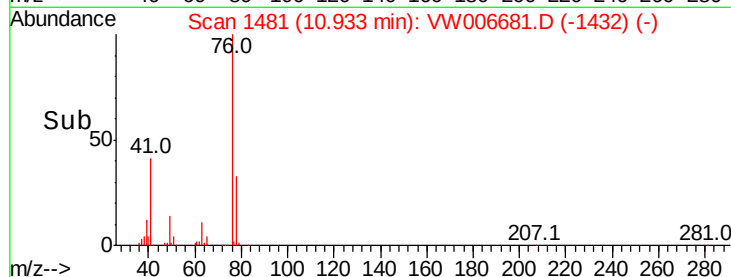
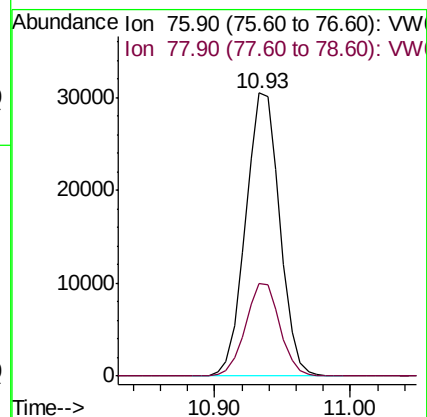
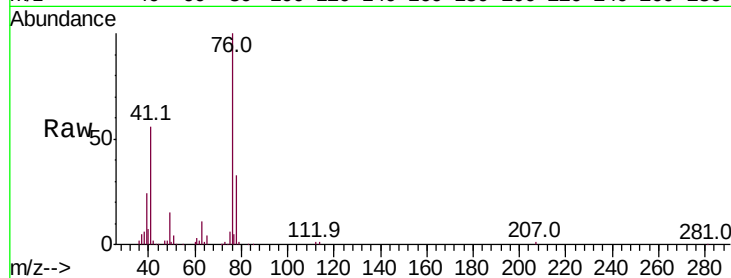
VW1106SBS01

Tot Ion: 76 Resp: 53468

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.284 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006681.D

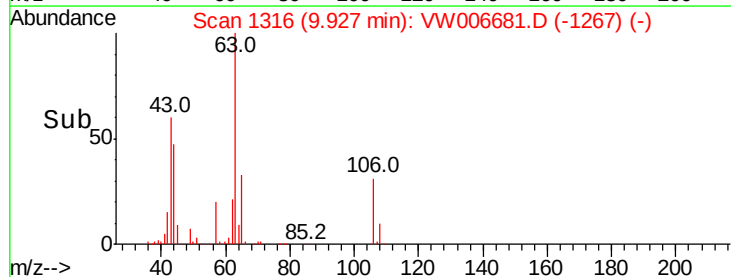
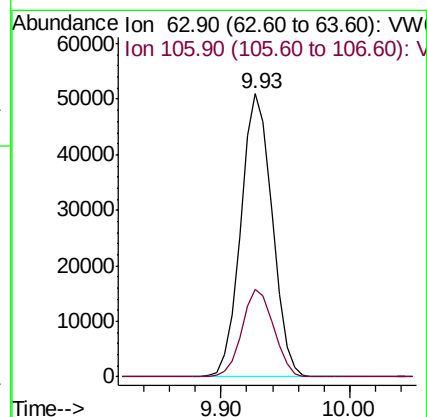
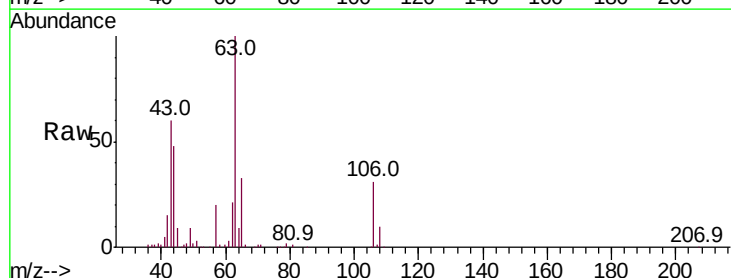
Acq: 06 Nov 2018 13:06

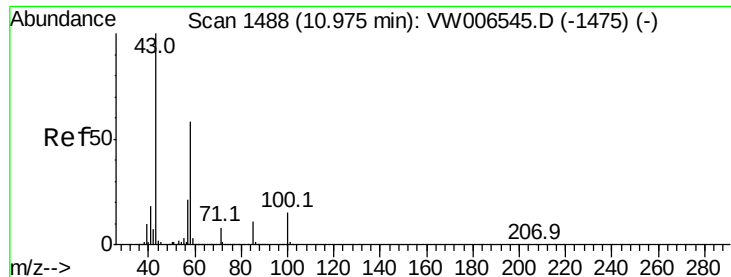
Tgt Ion: 63 Resp: 85728

Ion Ratio Lower Upper

63 100

106 31.3 25.4 38.2

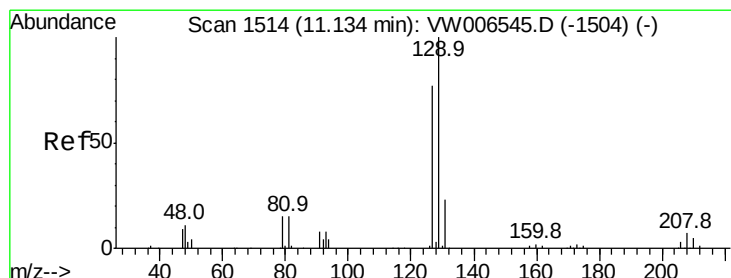
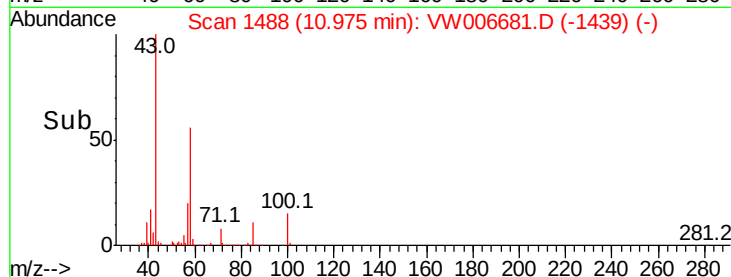
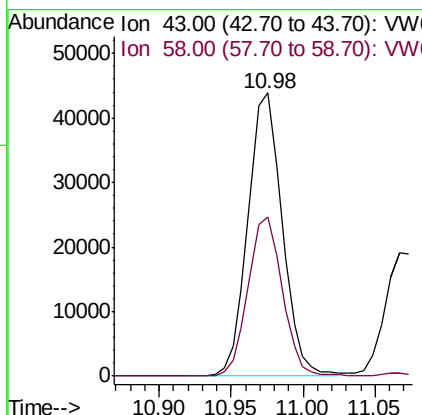
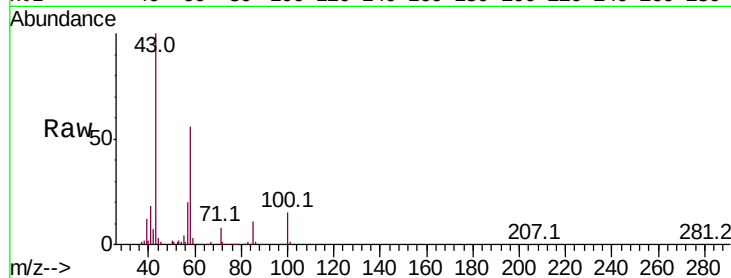




#59
2-Hexanone
Concen: 98.367 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

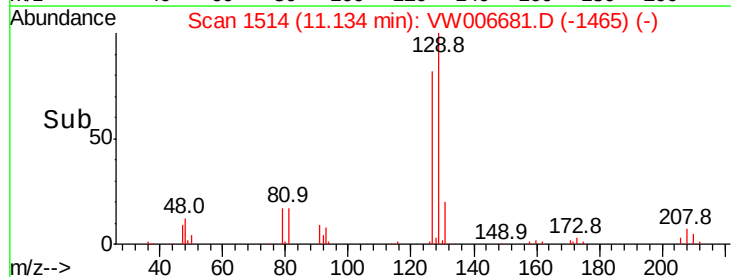
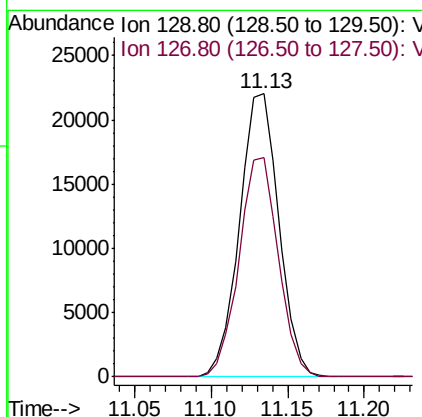
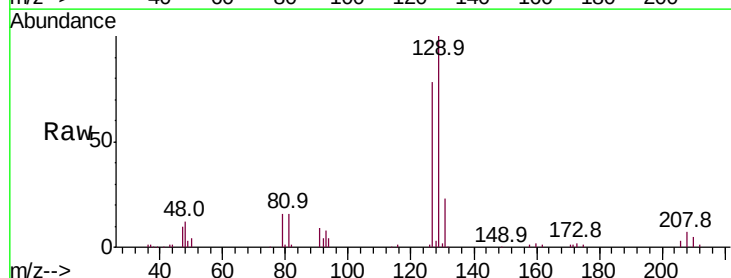
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

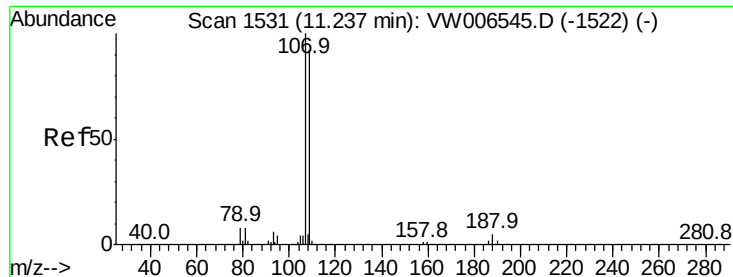
Tot Ion: 43 Resp: 72362
Ion Ratio Lower Upper
43 100
58 56.2 28.8 86.4



#60
Dibromochloromethane
Concen: 19.766 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 129 Resp: 39375
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.171 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

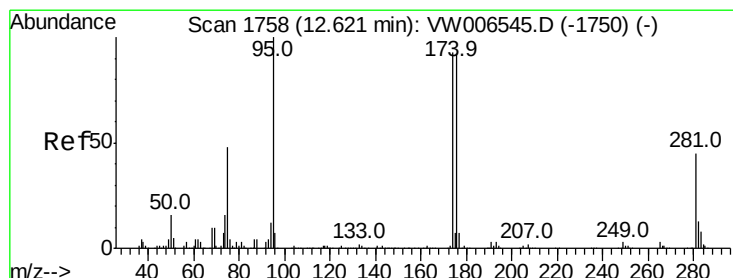
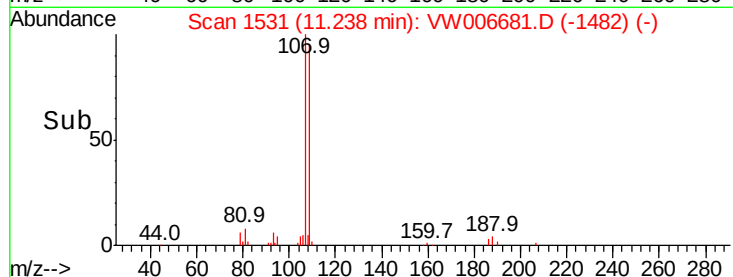
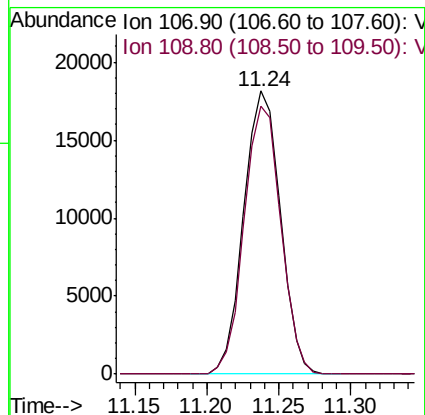
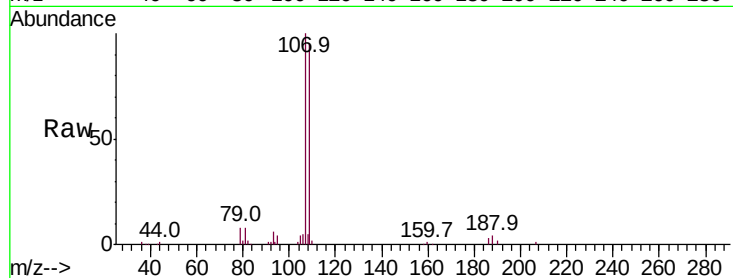
VW1106SBS01

Tot Ion:107 Resp: 32010

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 51.961 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

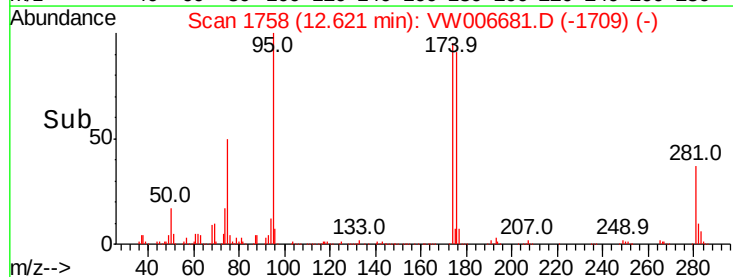
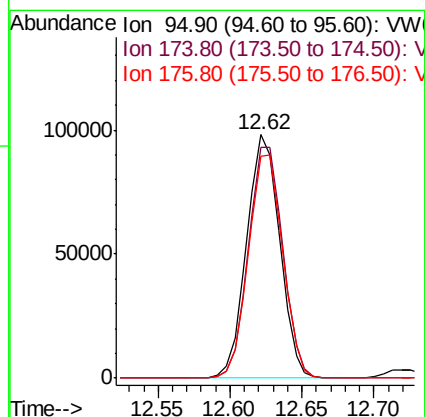
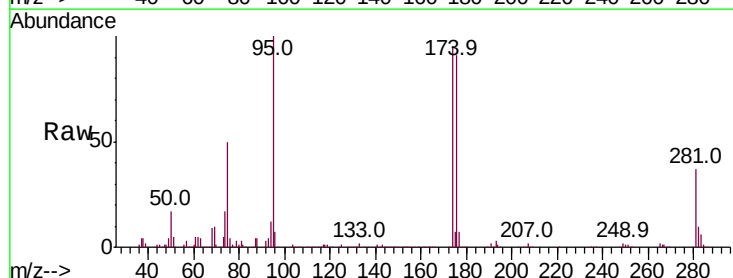
Tgt Ion: 95 Resp: 156073

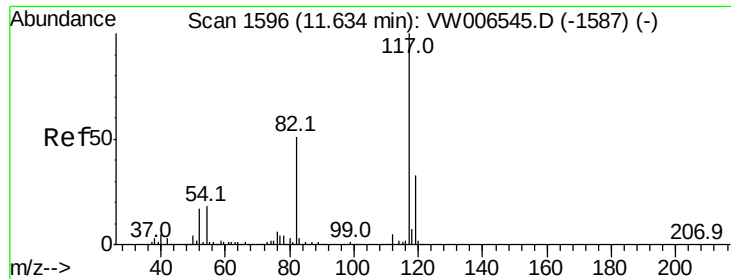
Ion Ratio Lower Upper

95 100

174 98.4 0.0 192.4

176 95.2 0.0 187.4

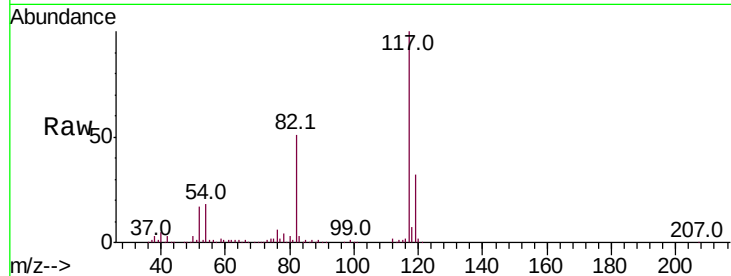




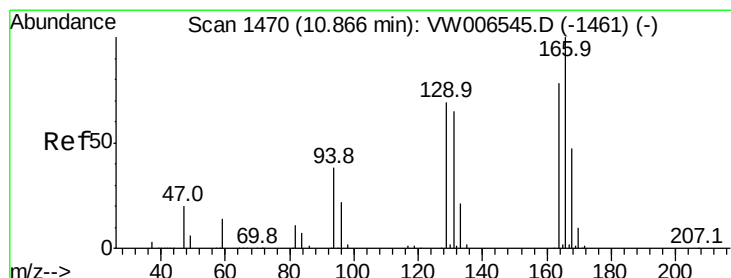
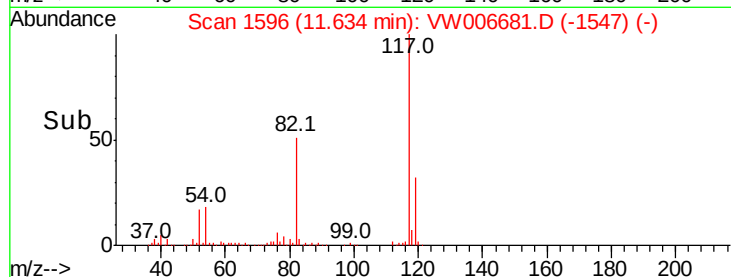
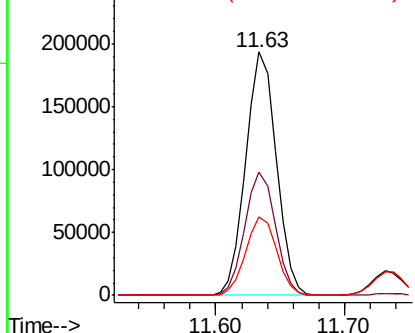
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampled :
VW1106SBS01

Tot Ion:117 Resp: 317987
Ion Ratio Lower Upper
117 100
82 50.8 40.8 61.2
119 32.2 26.1 39.1

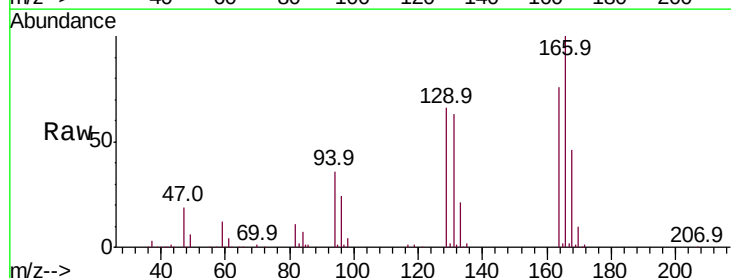


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

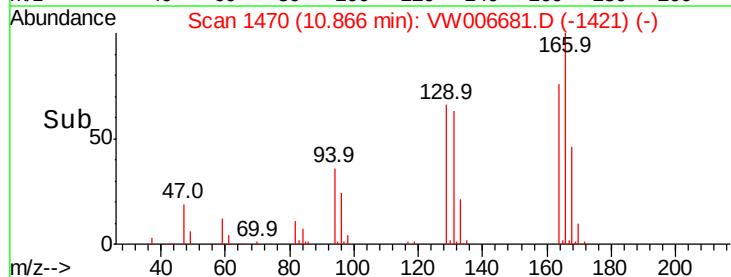
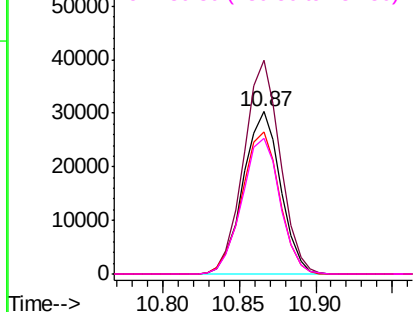


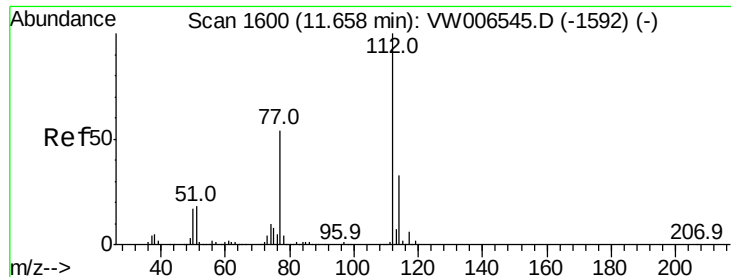
#64
Tetrachloroethene
Concen: 20.272 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion:164 Resp: 51386
Ion Ratio Lower Upper
164 100
166 131.4 102.8 154.2
129 87.1 70.9 106.3
131 83.3 67.0 100.6



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

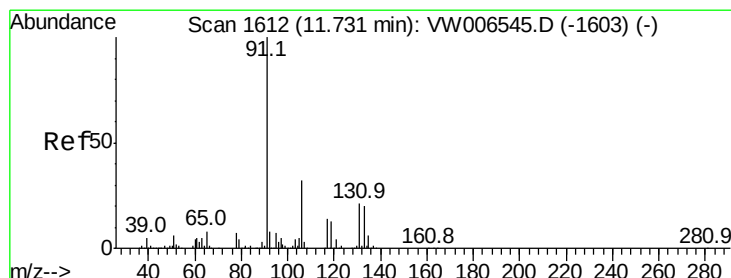
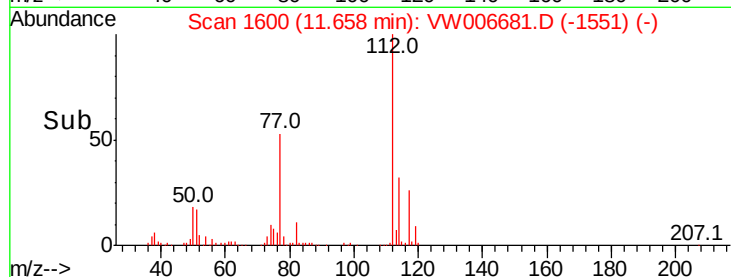
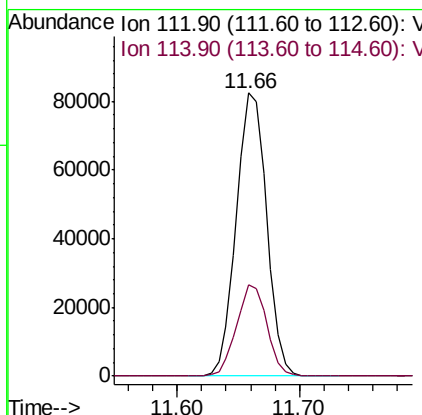
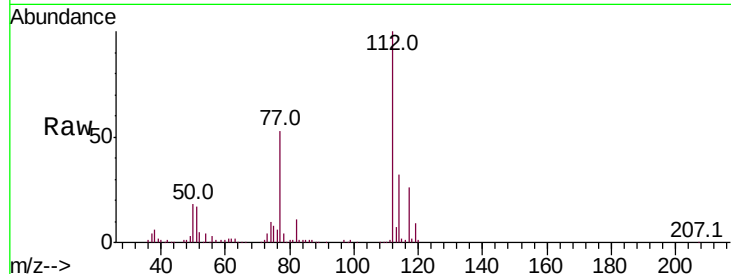




#65
Chlorobenzene
Concen: 21.192 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

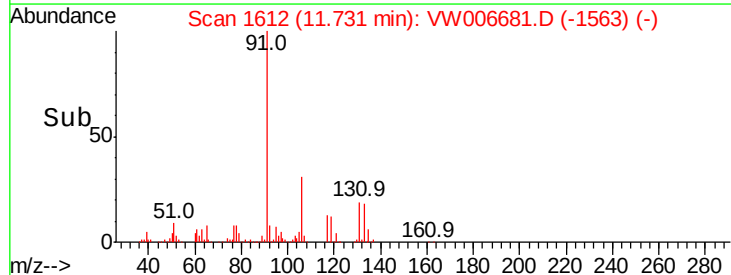
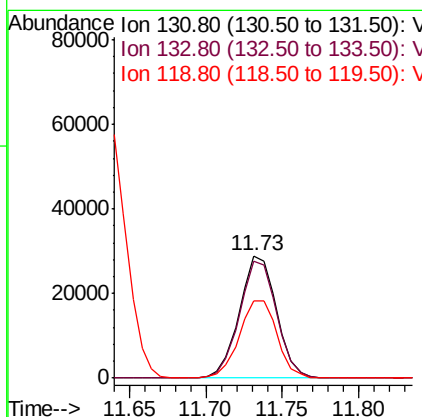
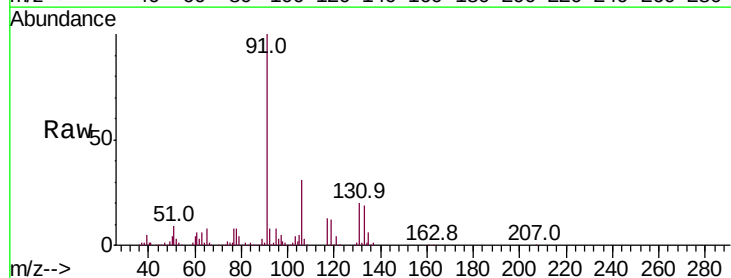
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

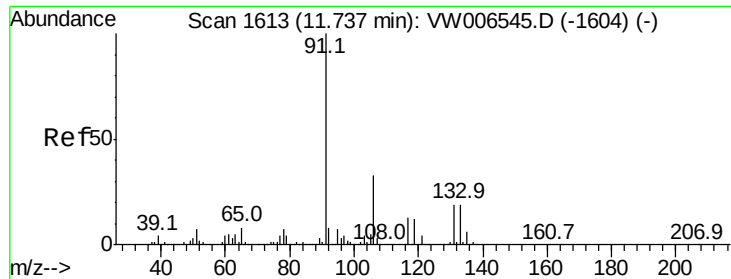
Tot Ion:112 Resp: 141801
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion:131 Resp: 48505
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 65.3 31.9 95.5





#67

Ethyl Benzene

Concen: 21.467 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

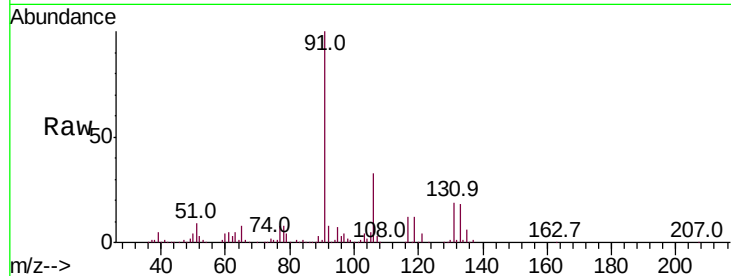
VW1106SBS01

Tot Ion: 91 Resp: 240098

Ion Ratio Lower Upper

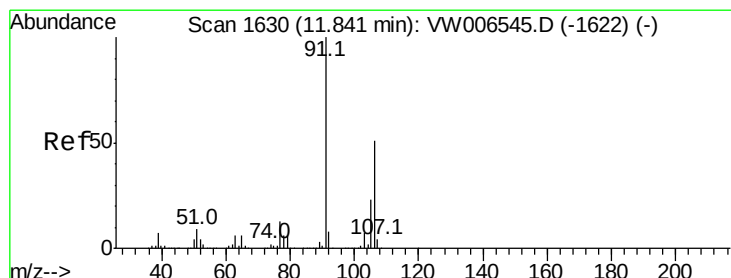
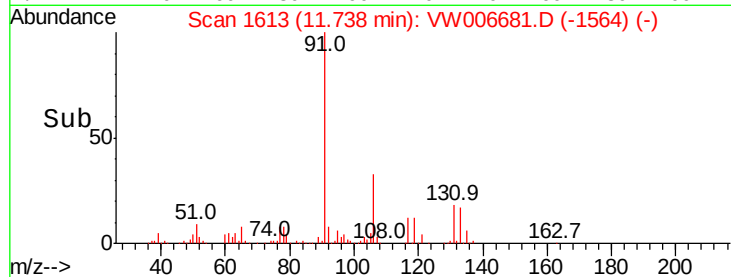
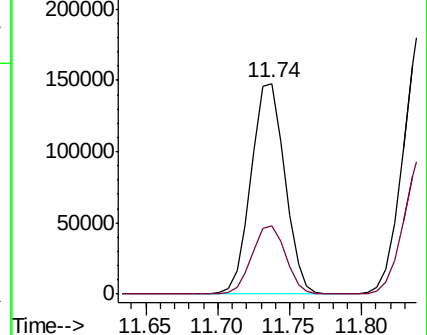
91 100

106 32.7 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 43.345 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006681.D

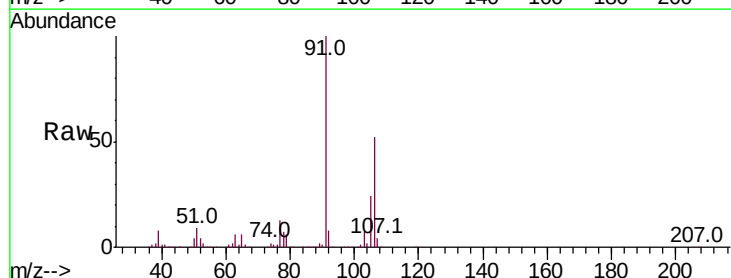
Acq: 06 Nov 2018 13:06

Tgt Ion: 106 Resp: 193683

Ion Ratio Lower Upper

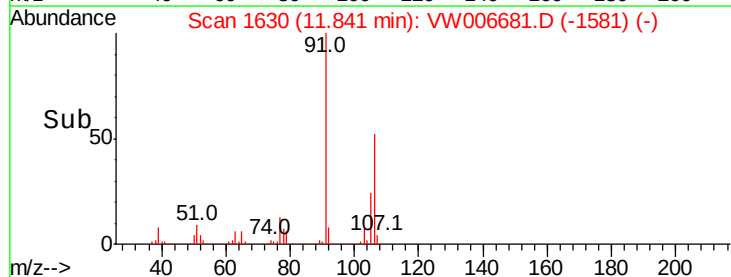
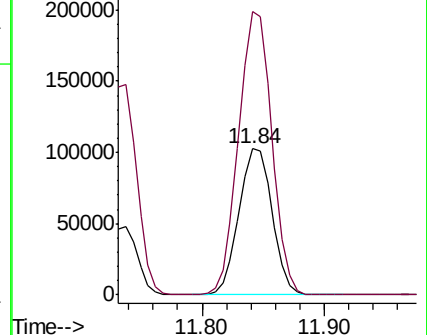
106 100

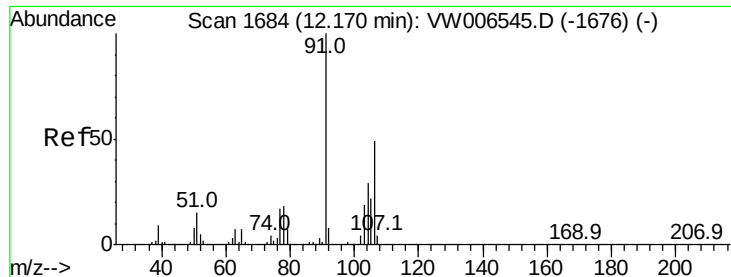
91 193.5 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

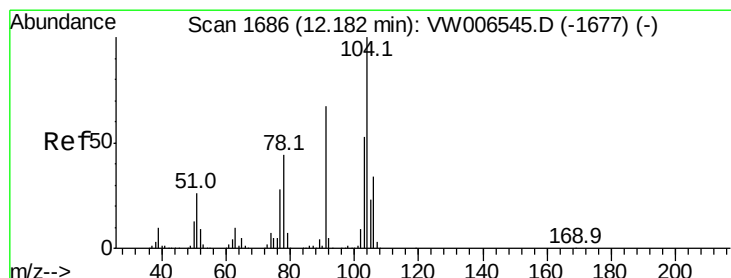
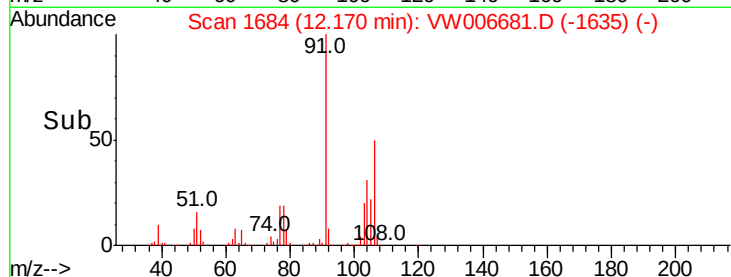
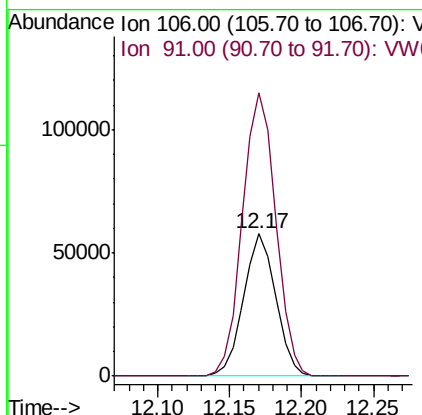
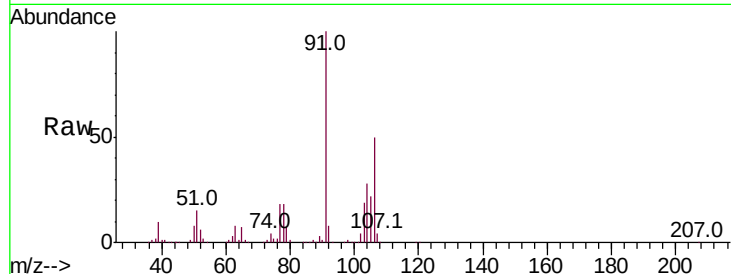




#69
o-Xylene
Concen: 20.991 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

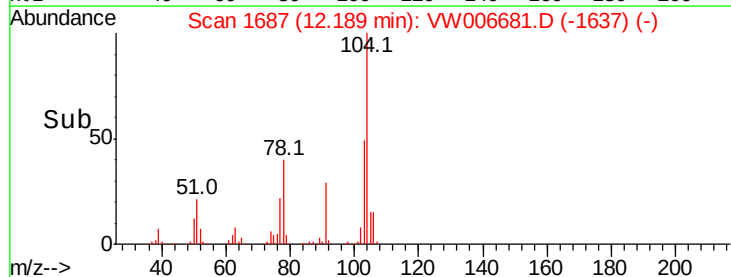
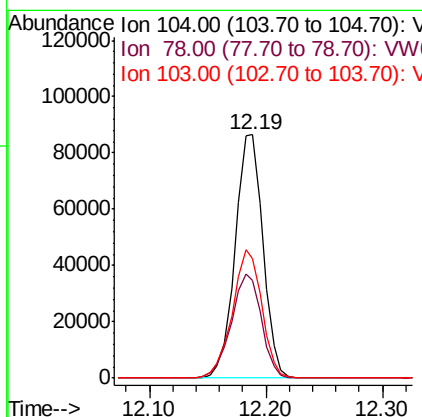
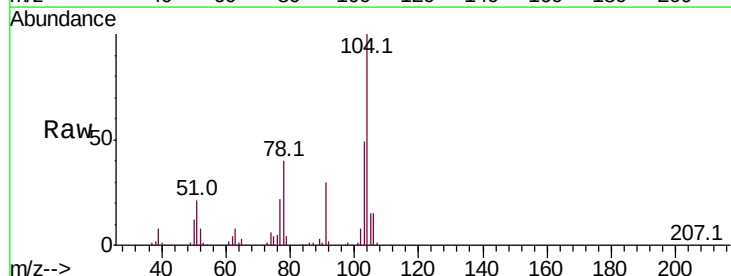
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

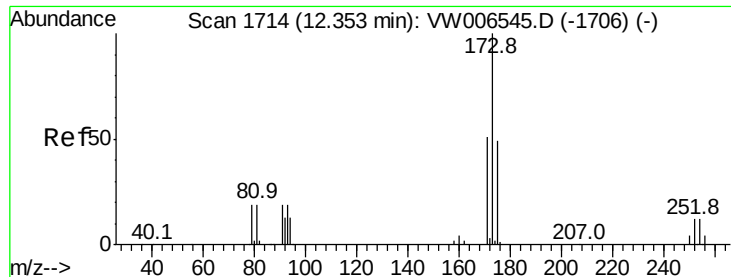
Tot Ion:106 Resp: 89297
Ion Ratio Lower Upper
106 100
91 206.3 102.8 308.4



#70
Styrene
Concen: 20.820 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion:104 Resp: 144395
Ion Ratio Lower Upper
104 100
78 46.3 37.2 55.8
103 55.6 44.2 66.2





#71

Bromoform

Concen: 19.111 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

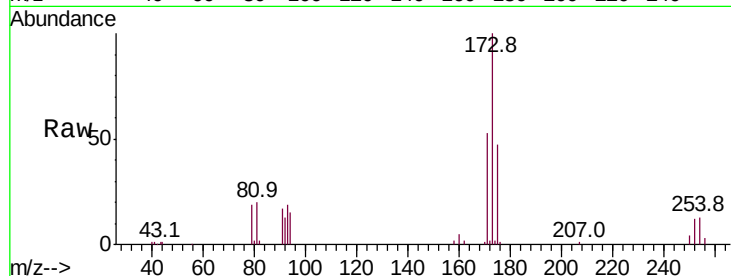
Tot Ion:173 Resp: 23826

Ion Ratio Lower Upper

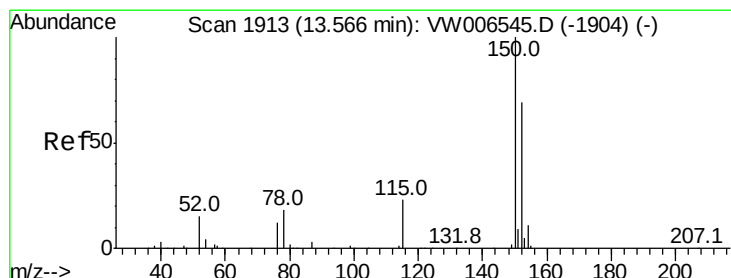
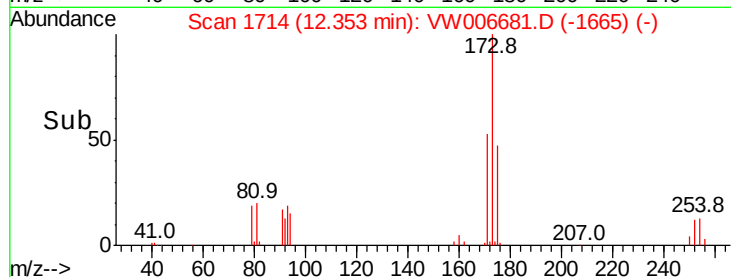
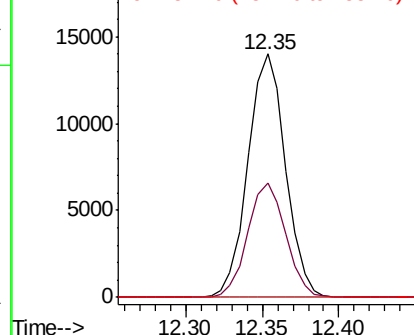
173 100

175 47.6 24.1 72.4

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: VW006681.D

Acq: 06 Nov 2018 13:06

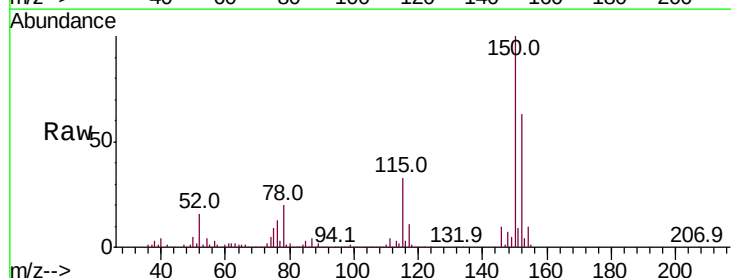
Tgt Ion:152 Resp: 179778

Ion Ratio Lower Upper

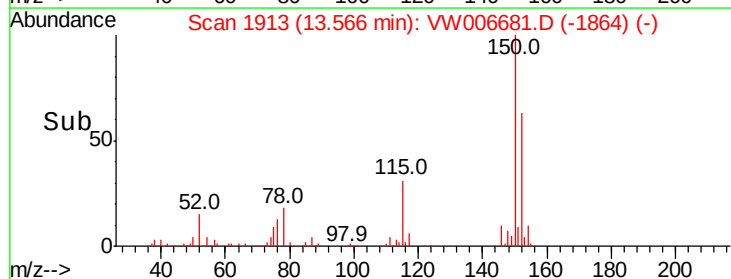
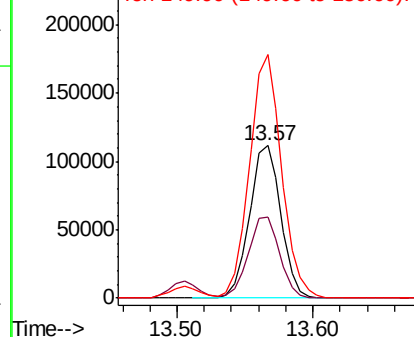
152 100

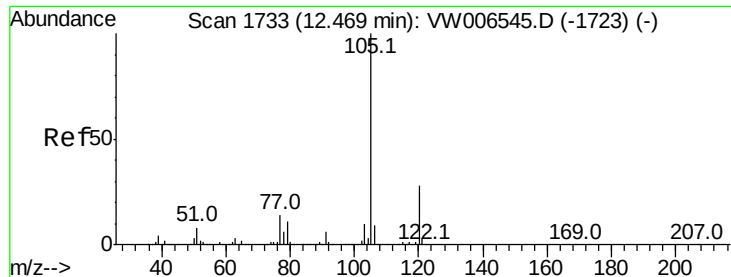
115 53.3 26.6 79.8

150 163.3 0.0 344.6



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: 21.193 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

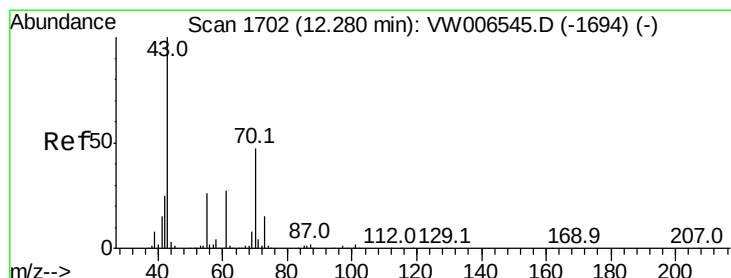
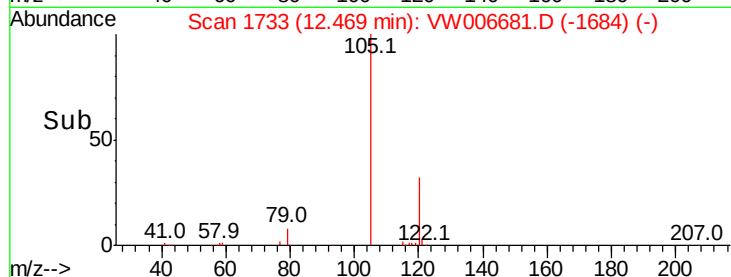
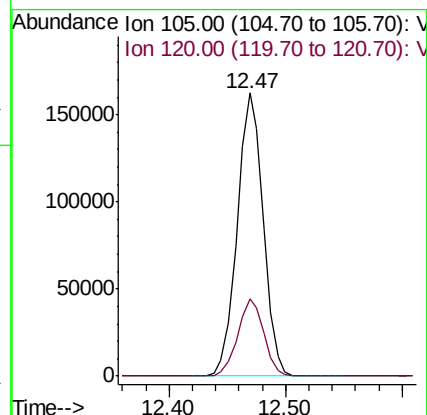
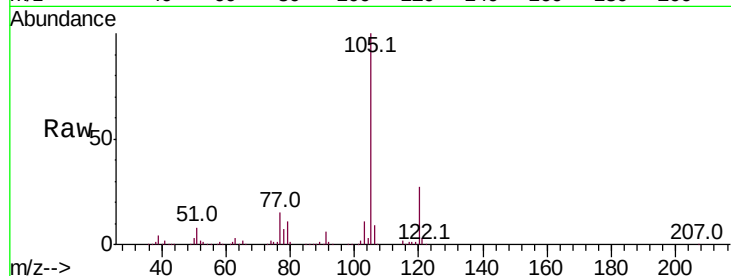
VW1106SBS01

Tot Ion:105 Resp: 250981

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-amyl acetate

Concen: 17.877 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Tgt Ion: 43 Resp: 36585

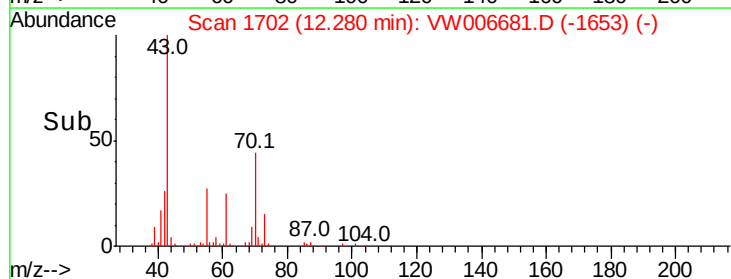
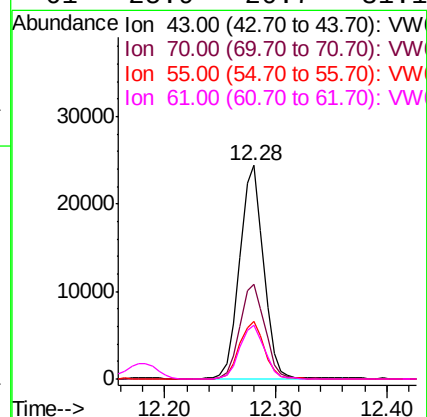
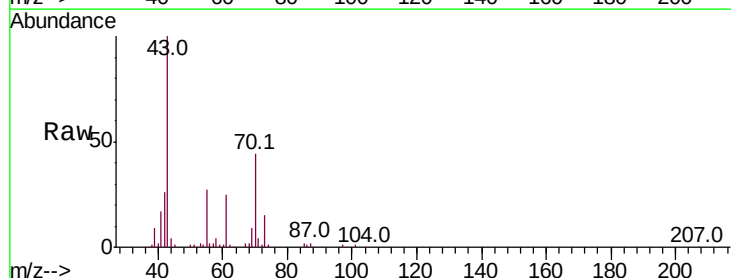
Ion Ratio Lower Upper

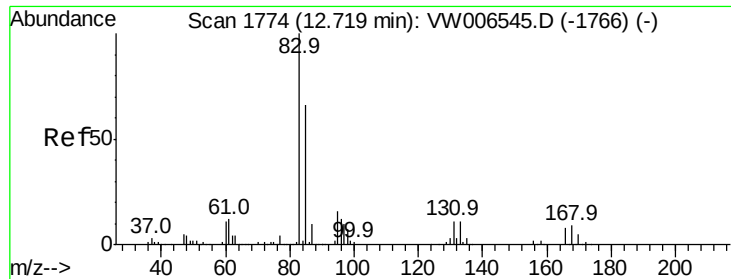
43 100

70 45.6 36.9 55.3

55 28.1 20.7 31.1

61 25.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.804 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

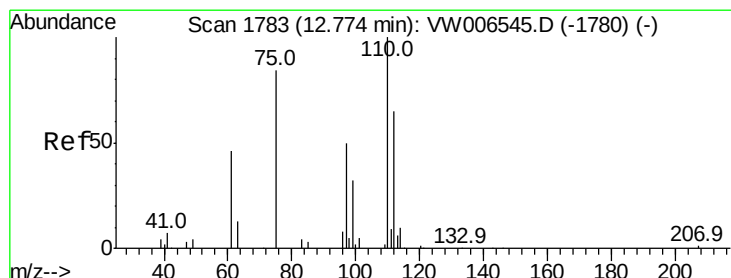
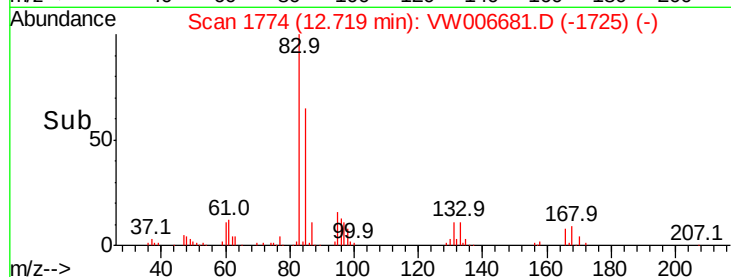
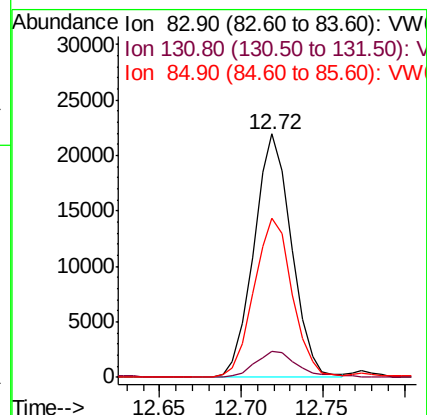
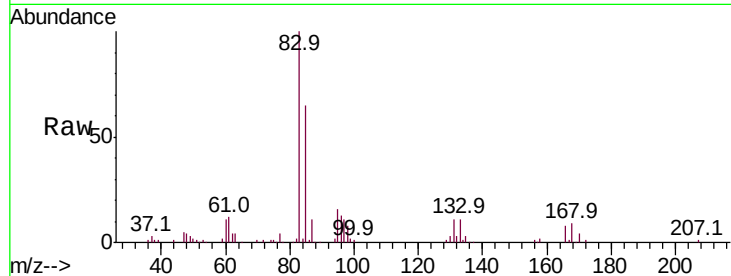
Tot Ion: 83 Resp: 35172

Ion Ratio Lower Upper

83 100

131 12.0 5.9 17.7

85 66.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 32.439 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006681.D

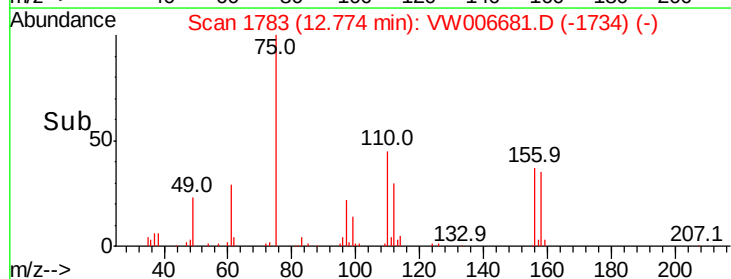
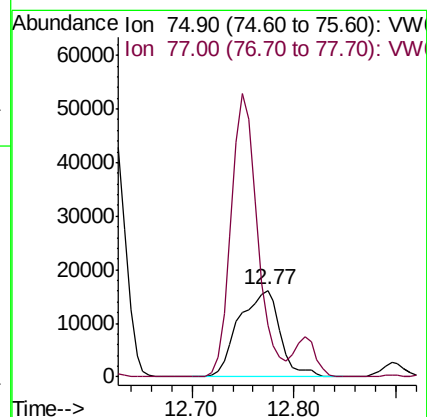
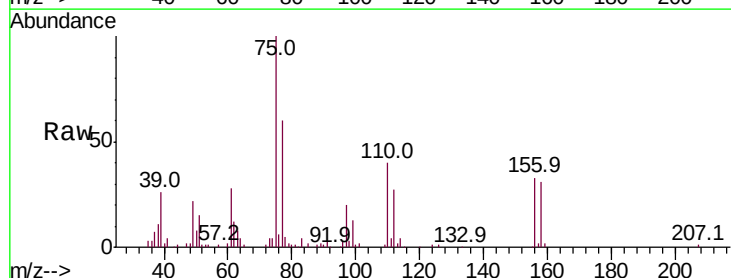
Acq: 06 Nov 2018 13:06

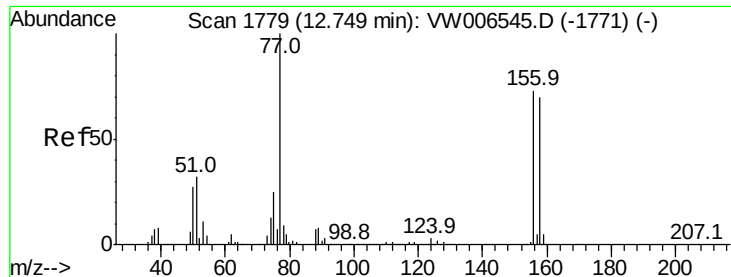
Tgt Ion: 75 Resp: 45501

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.453 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

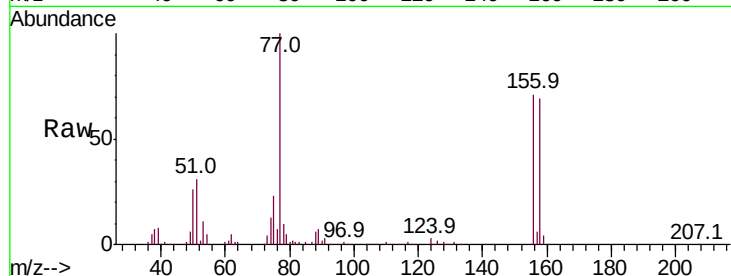
VW1106SBS01

Tot Ion:156 Resp: 62713

Ion	Ratio	Lower	Upper
156	100		
77	151.6	75.9	227.8
158	97.4	48.6	145.9

77 151.6 75.9 227.8

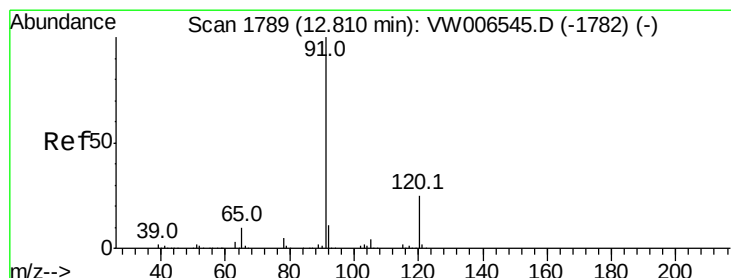
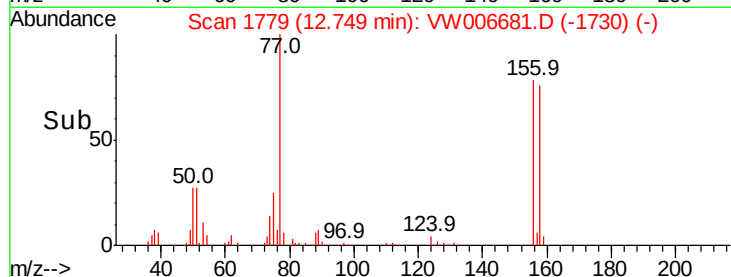
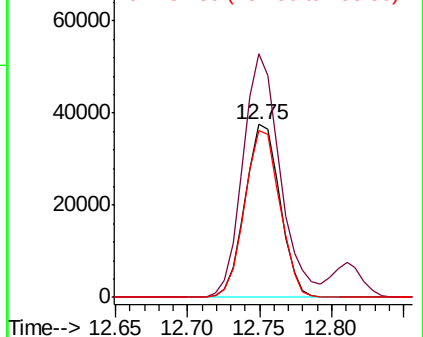
158 97.4 48.6 145.9



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: 21.758 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006681.D

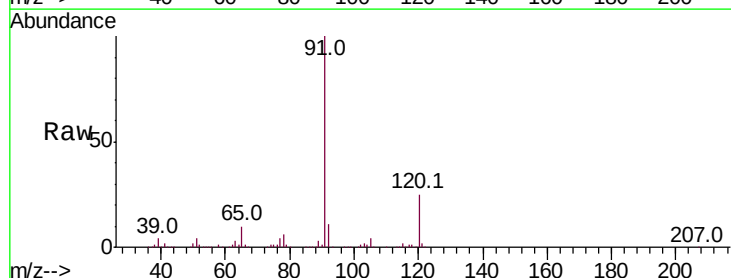
Acq: 06 Nov 2018 13:06

Tgt Ion: 91 Resp: 296387

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.0

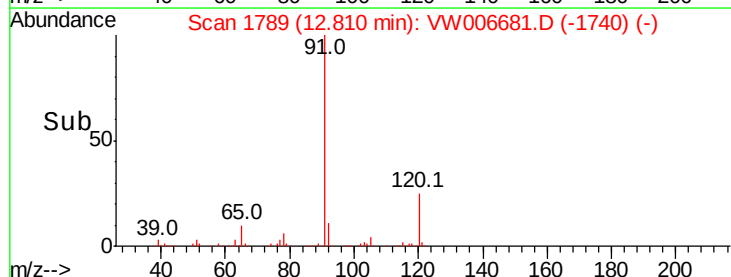
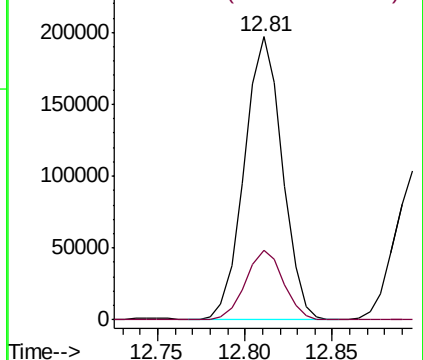
91 100

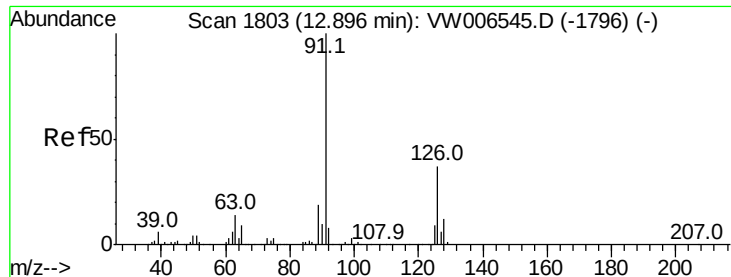
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.128 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

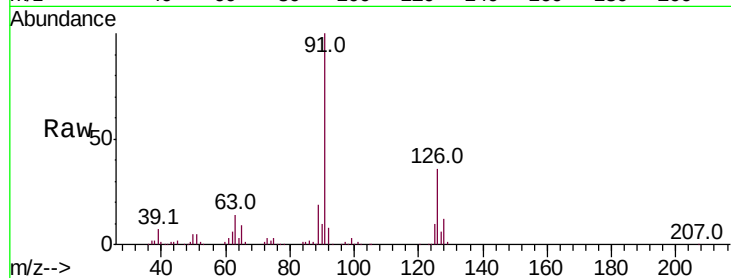
VW1106SBS01

Tot Ion: 91 Resp: 165169

Ion Ratio Lower Upper

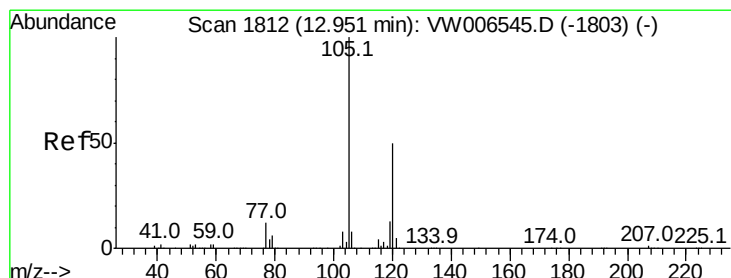
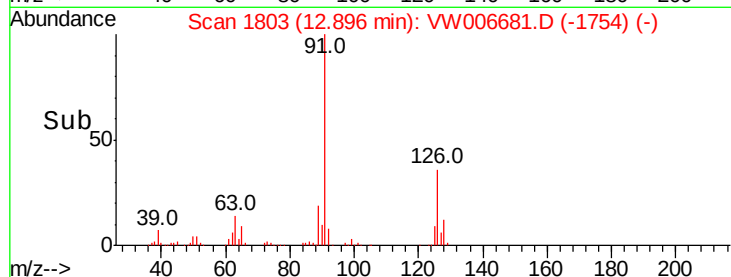
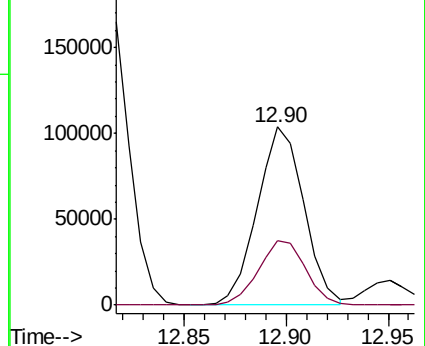
91 100

126 36.9 18.5 55.5



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: 21.390 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006681.D

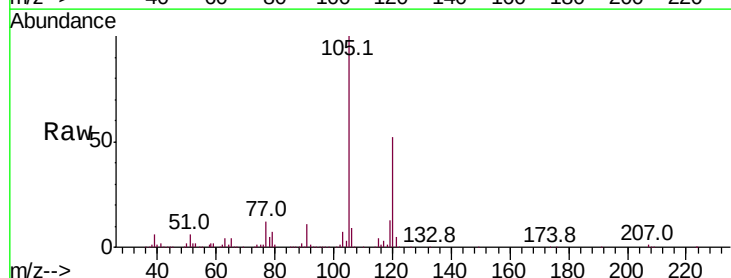
Acq: 06 Nov 2018 13:06

Tgt Ion: 105 Resp: 212819

Ion Ratio Lower Upper

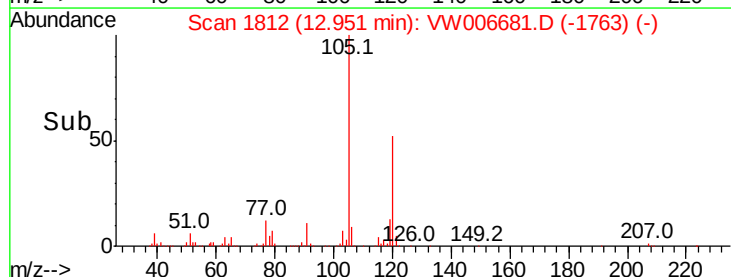
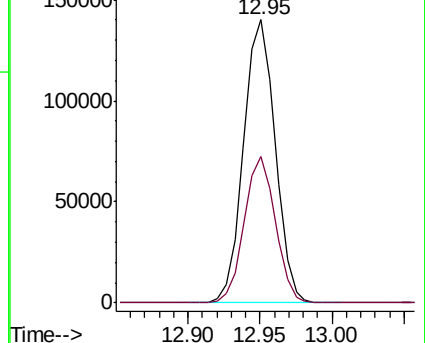
105 100

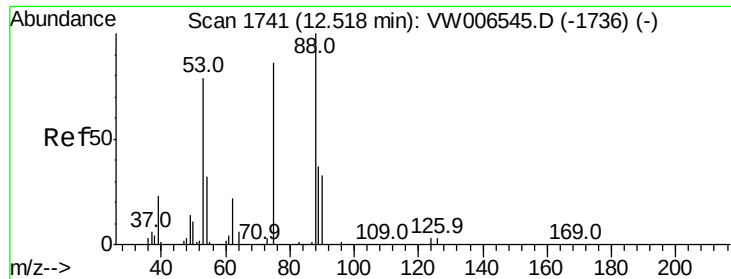
120 50.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

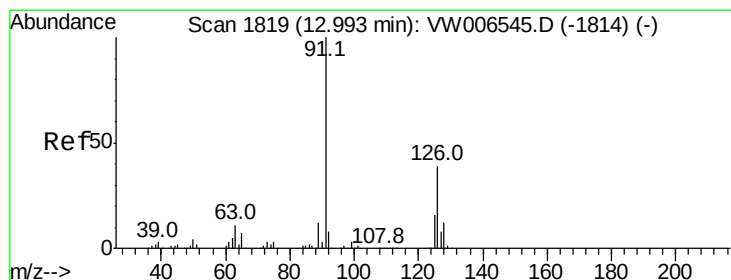
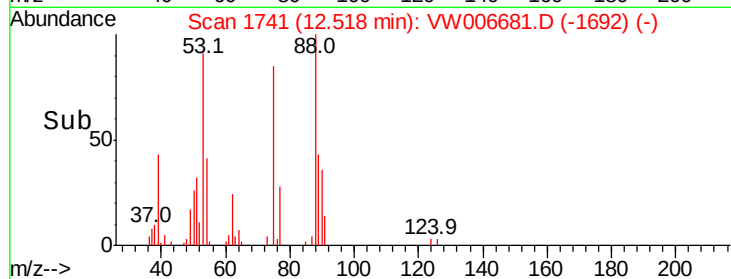
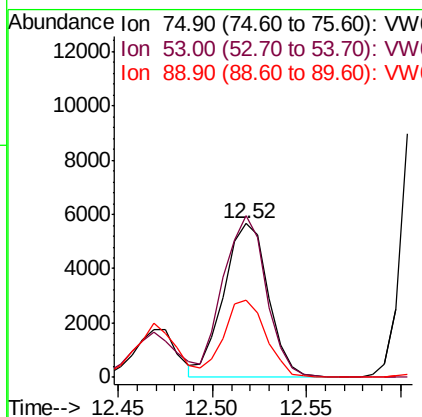
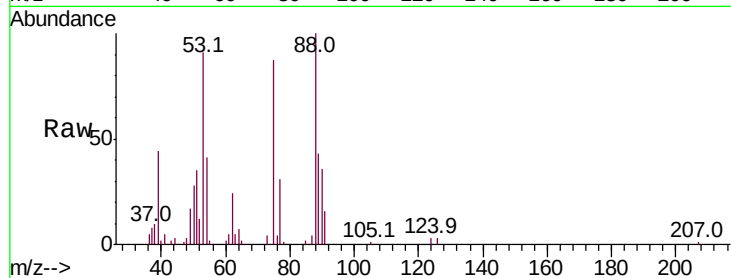




#81
trans-1,4-Dichloro-2-butene
Concen: 18.986 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

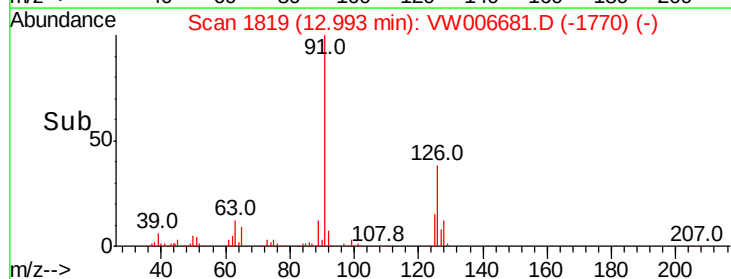
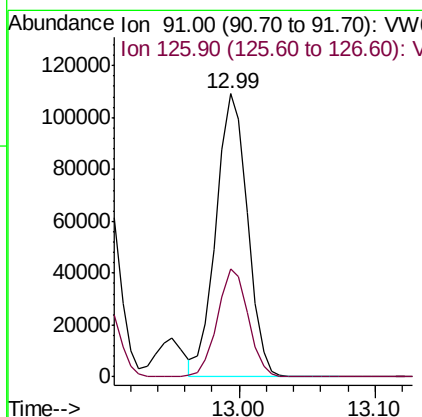
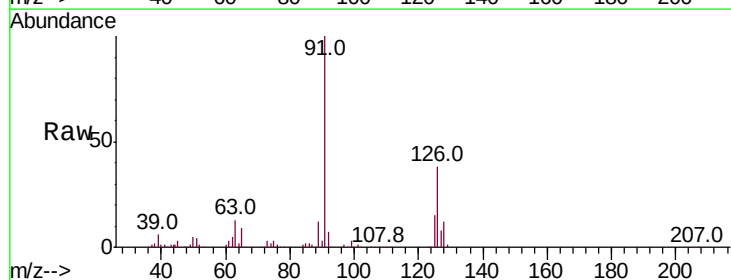
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

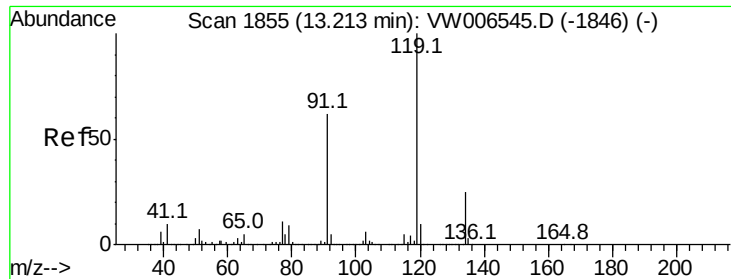
Tot Ion: 75 Resp: 9339
Ion Ratio Lower Upper
75 100
53 100.6 77.2 115.8
89 47.1 38.6 58.0



#82
4-Chlorotoluene
Concen: 21.149 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 91 Resp: 174915
Ion Ratio Lower Upper
91 100
126 37.4 18.5 55.5





#83

tert-Butylbenzene

Concen: 21.318 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

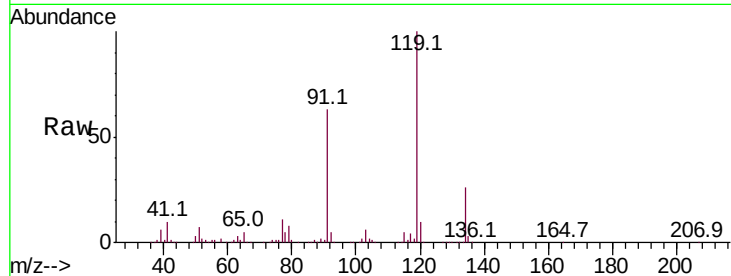
Tot Ion:119 Resp: 189146

Ion Ratio Lower Upper

119 100

91 61.0 30.4 91.3

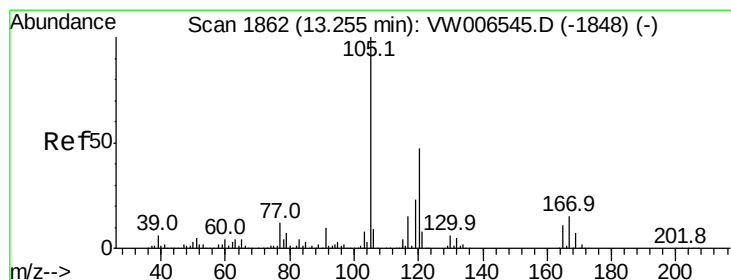
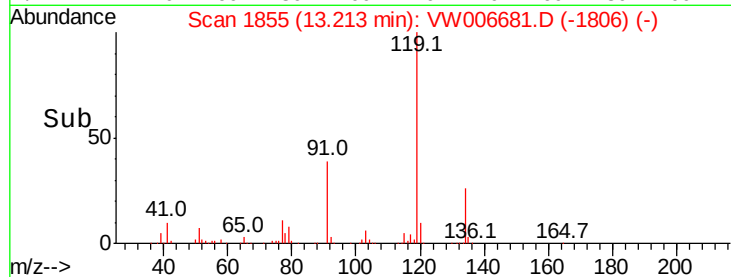
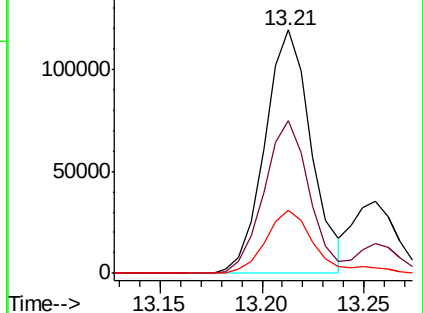
134 25.7 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.183 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006681.D

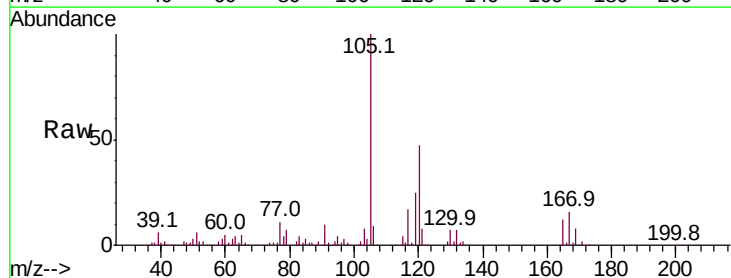
Acq: 06 Nov 2018 13:06

Tgt Ion:105 Resp: 216176

Ion Ratio Lower Upper

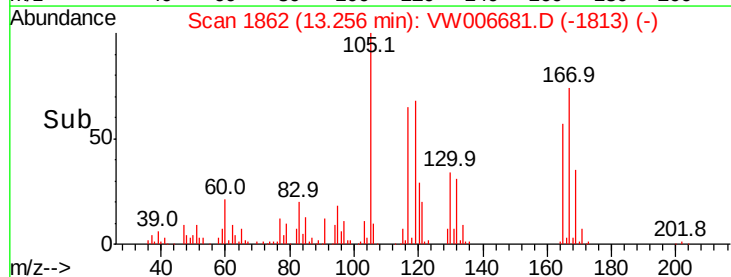
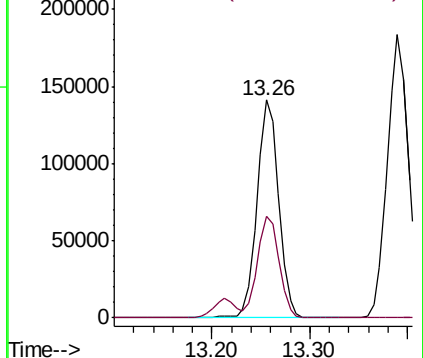
105 100

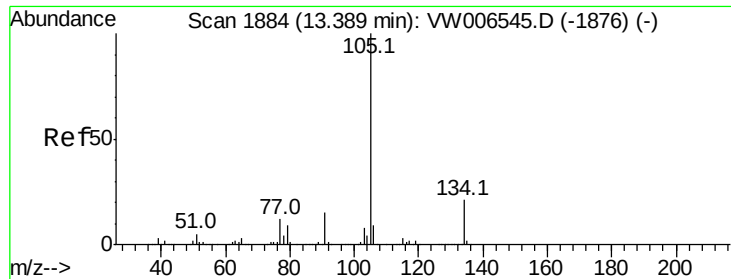
120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

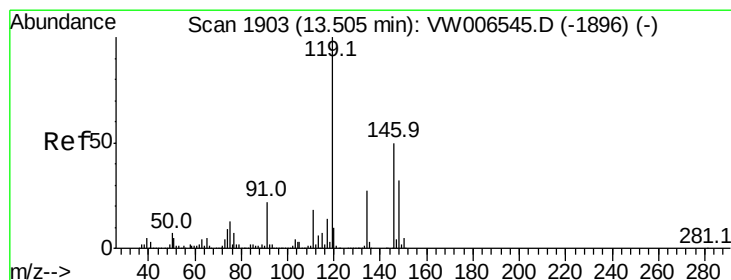
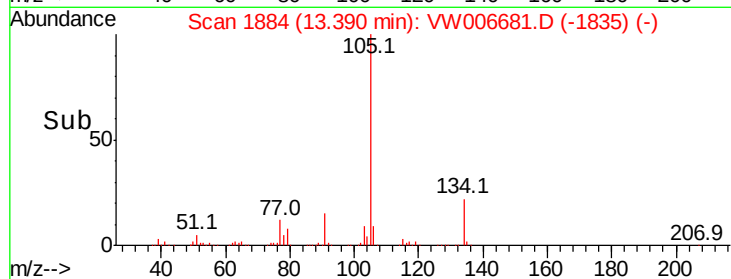
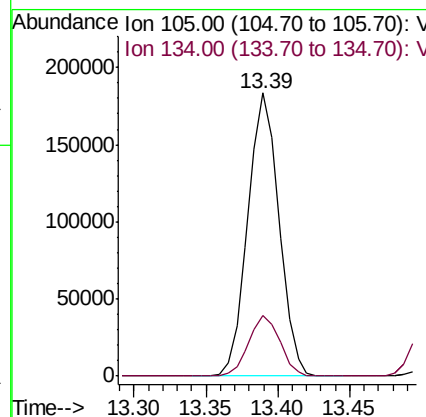
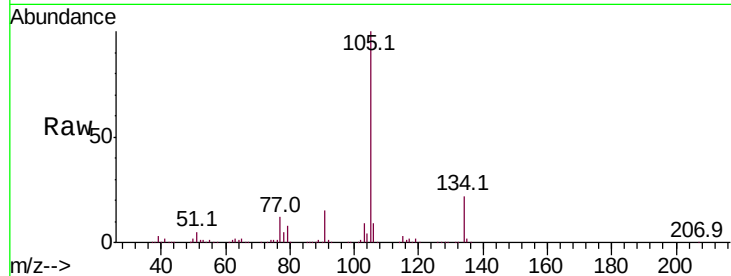




#85
 sec-Butylbenzene
 Concen: 22.124 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

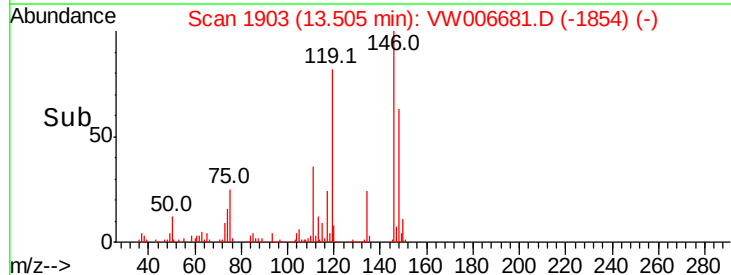
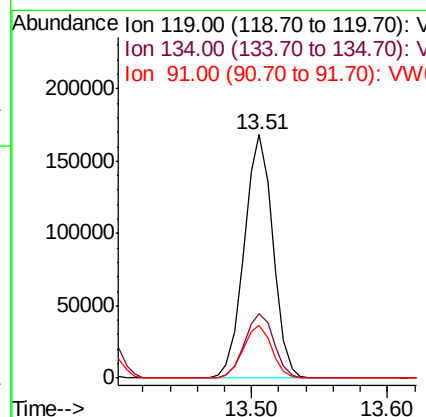
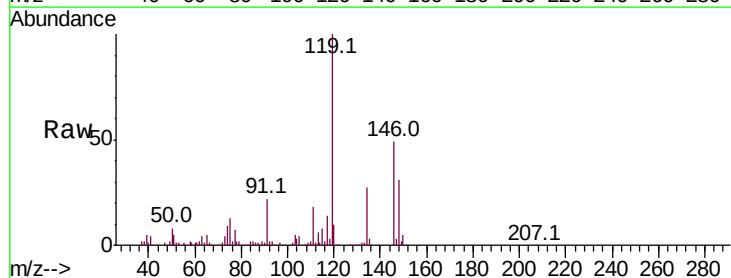
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

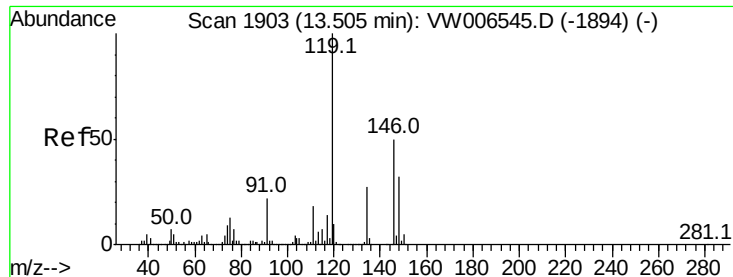
Tot Ion:105 Resp: 274930
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 21.919 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion:119 Resp: 247845
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.4 10.9 32.6

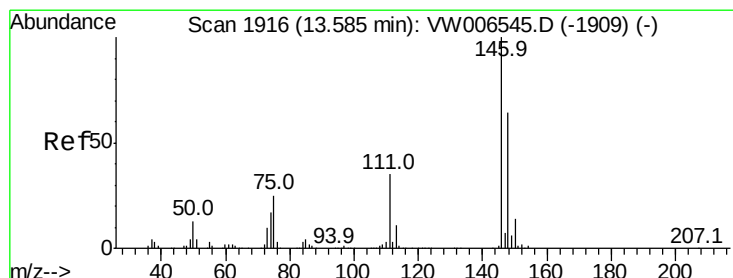
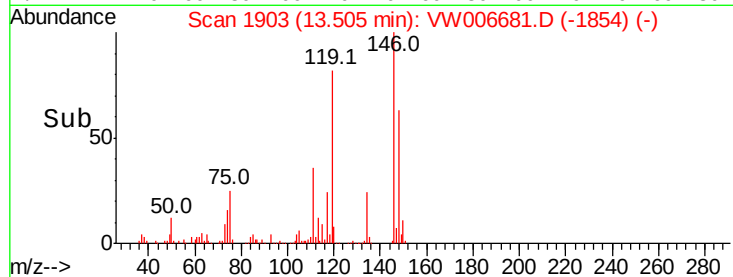
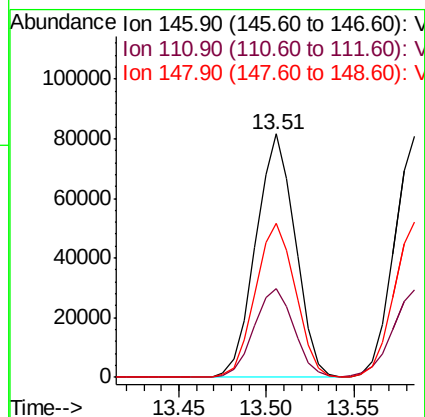
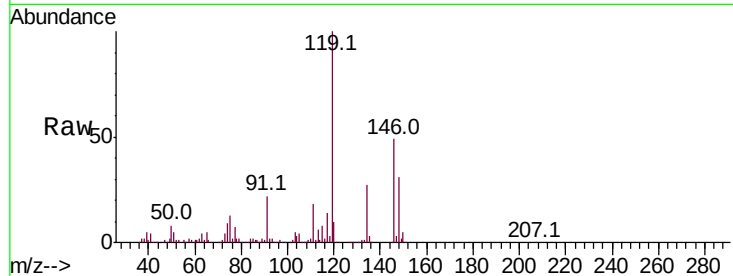




#87
 1,3-Dichlorobenzene
 Concen: 21.139 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

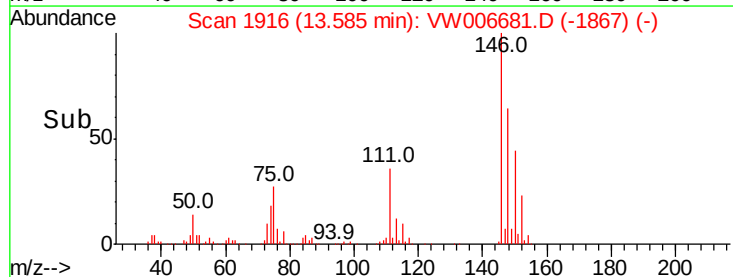
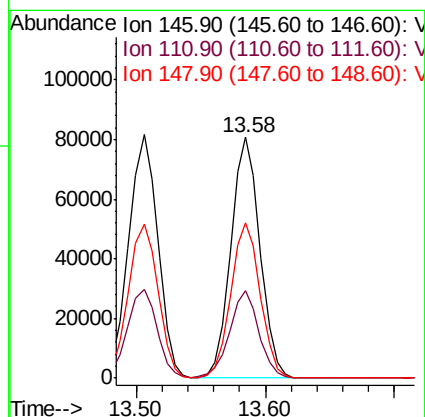
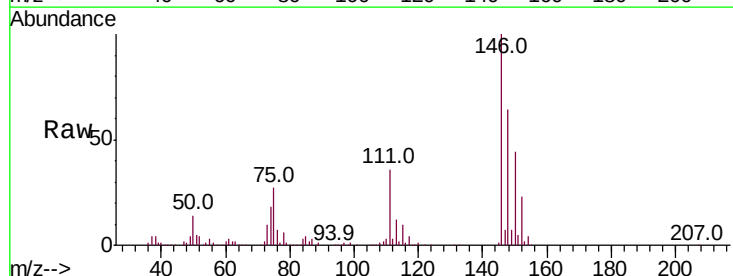
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

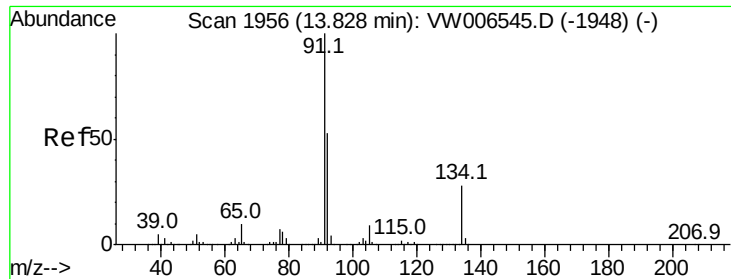
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	64.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.245 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.9	53.7
148	65.0	32.1	96.5

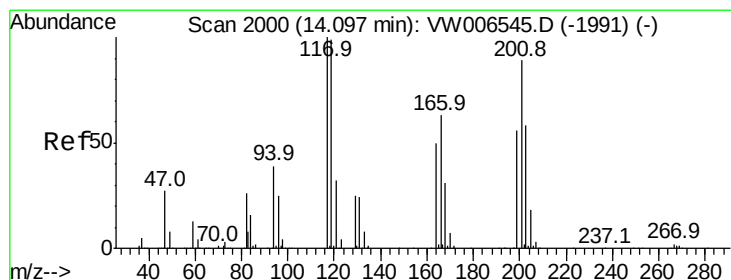
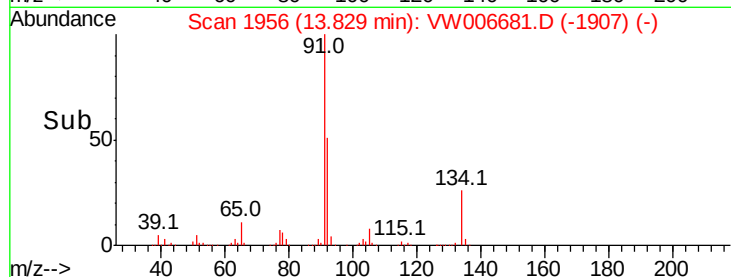
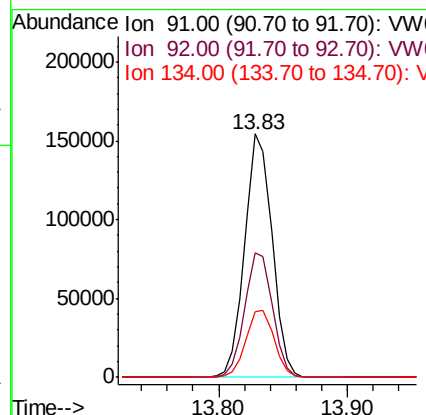
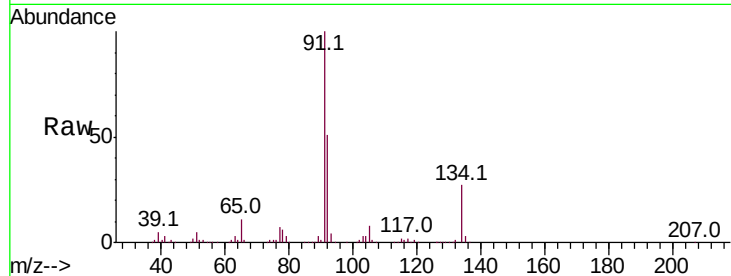




#89
n-Butylbenzene
Concen: 22.590 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

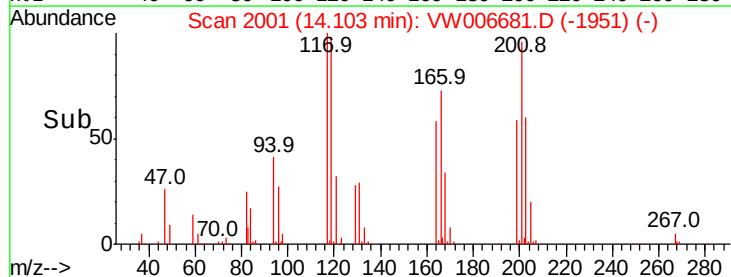
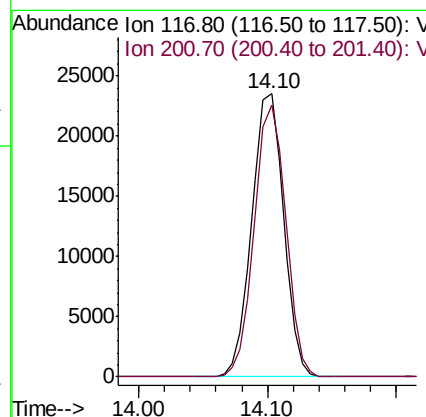
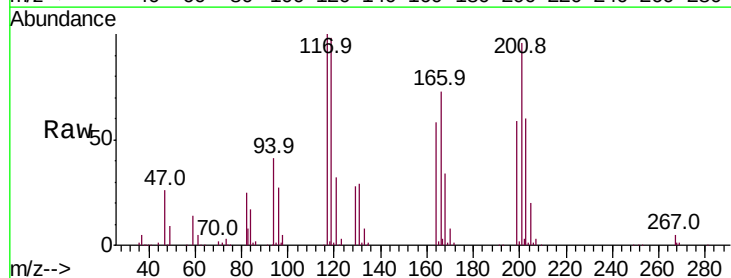
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

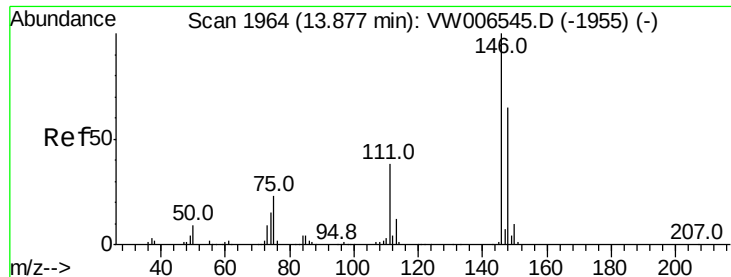
Tot Ion: 91 Resp: 226739
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 28.2 14.3 42.9



#90
Hexachloroethane
Concen: 21.632 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion: 117 Resp: 40201
Ion Ratio Lower Upper
117 100
201 95.3 46.8 140.3





#91

1,2-Dichlorobenzene

Concen: 20.631 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

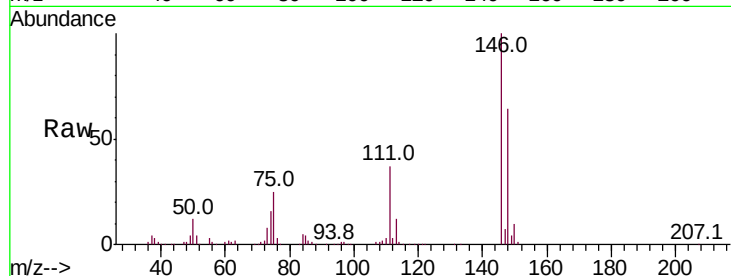
Tot Ion:146 Resp: 112062

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

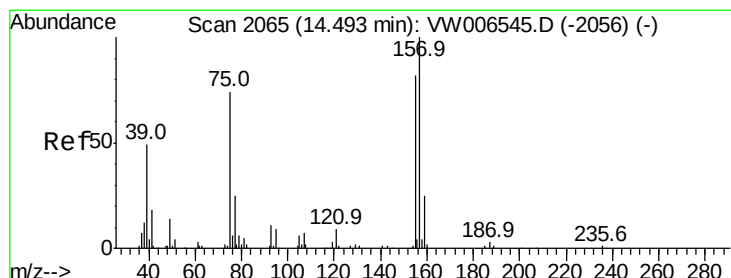
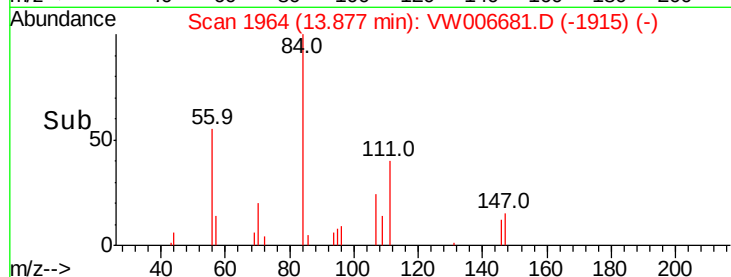
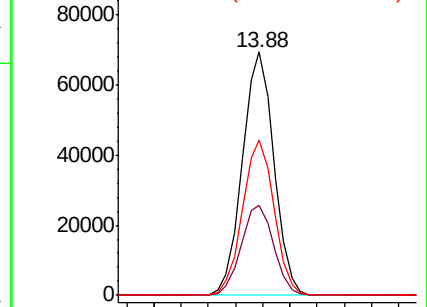
148 64.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.222 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006681.D

Acq: 06 Nov 2018 13:06

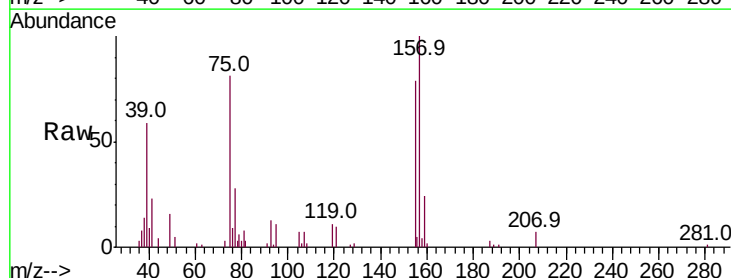
Tgt Ion: 75 Resp: 5227

Ion Ratio Lower Upper

75 100

155 102.9 50.6 151.8

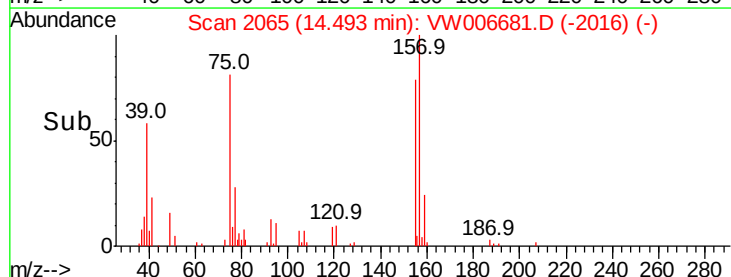
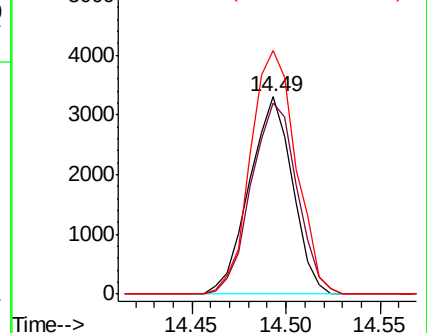
157 130.5 65.0 195.0

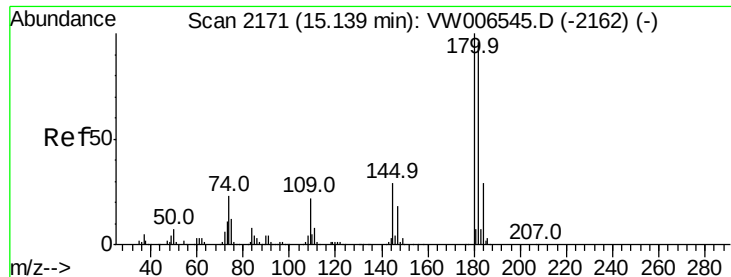


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

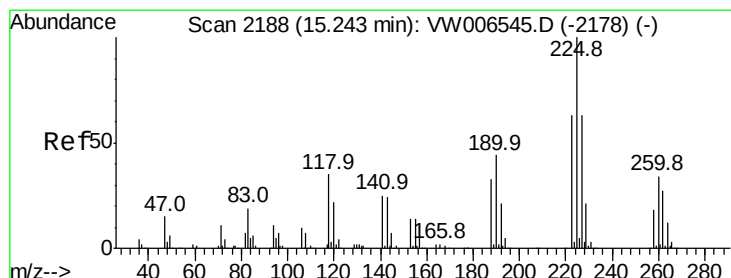
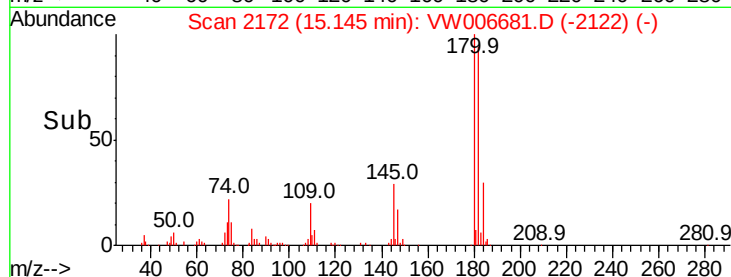
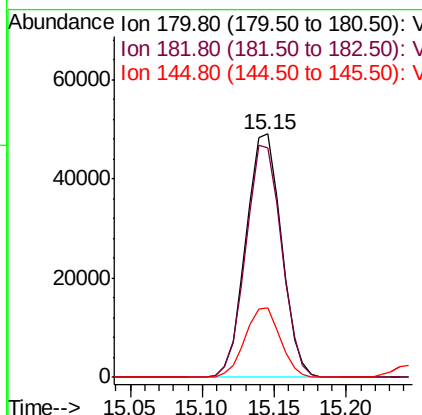
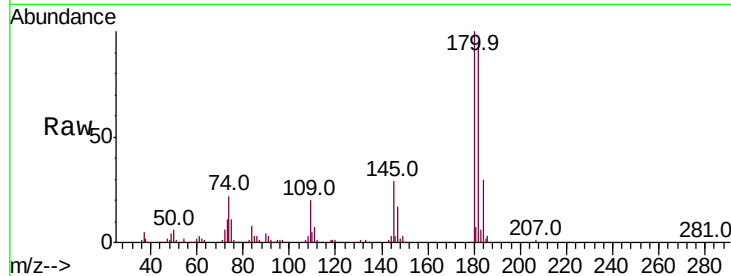




#93
 1,2,4-Trichlorobenzene
 Concen: 20.734 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

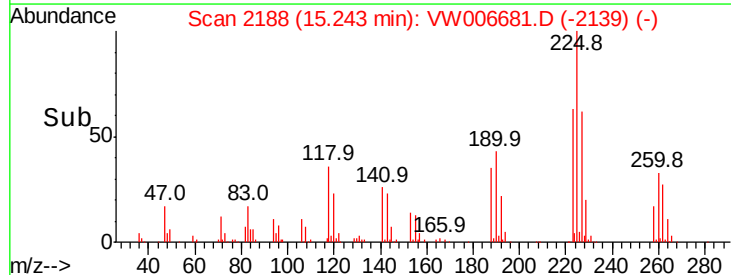
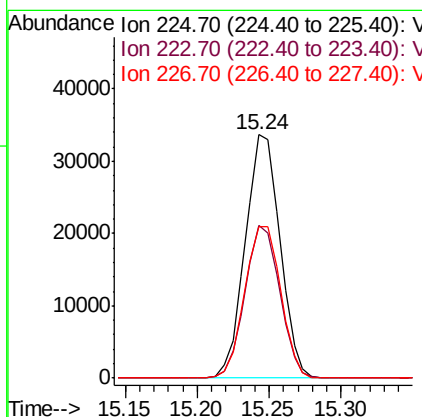
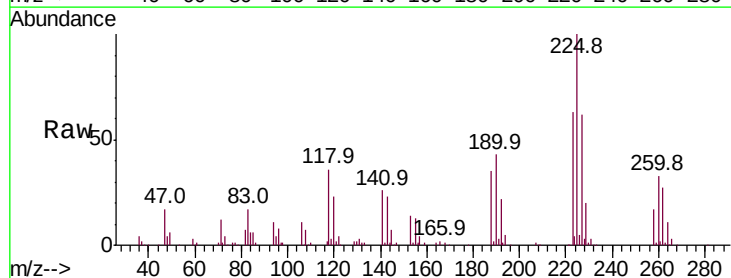
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

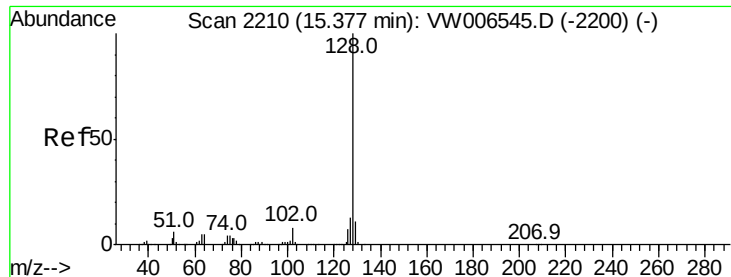
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	28.5	14.0	42.0



#94
 Hexachlorobutadiene
 Concen: 22.327 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006681.D
 Acq: 06 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.2
227	64.7	32.2	96.6

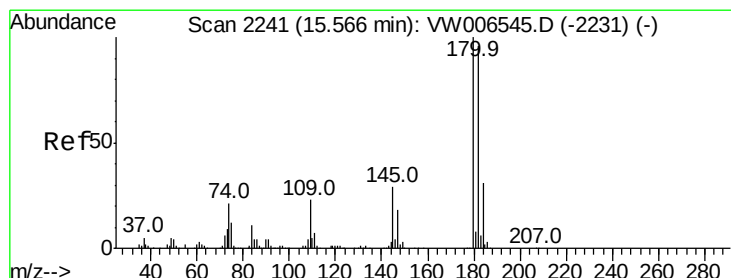
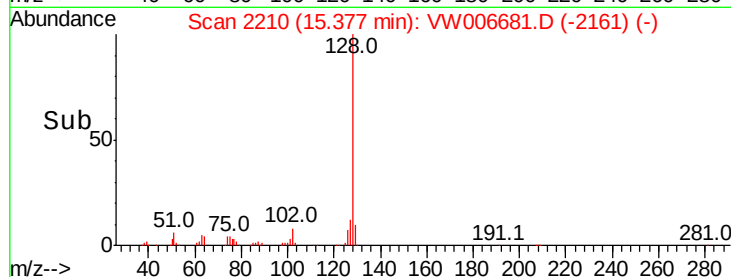
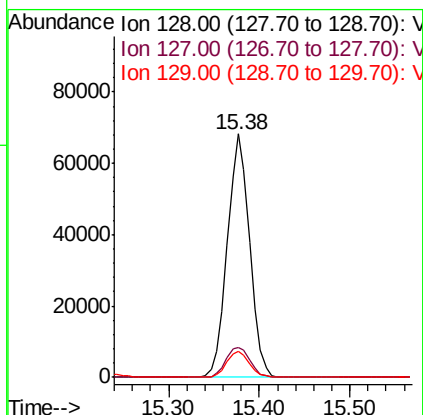
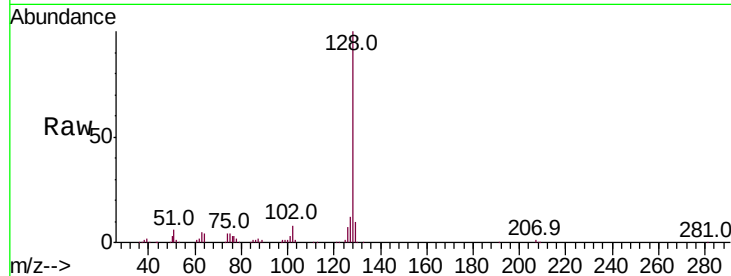




#95
Naphthalene
Concen: 17.897 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion:128 Resp: 116181
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.028 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006681.D
Acq: 06 Nov 2018 13:06

Tgt Ion:180 Resp: 71095
Ion Ratio Lower Upper
180 100
182 95.7 48.2 144.6
145 29.5 14.9 44.5

