

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006682.D
 Acq On : 06 Nov 2018 13:32
 Operator : SY/AP
 Sample : VW1106SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Quant Time: Nov 06 14:33:09 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	259708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189263	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	102621	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
35) Dibromofluoromethane	7.88	113	112862	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	10.33	98	431645	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	152742	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	30400	22.580	ug/l	98
3) Chloromethane	2.21	50	34243	20.557	ug/l	96
4) Vinyl Chloride	2.37	62	51602	22.186	ug/l	97
5) Bromomethane	2.79	94	41699	21.362	ug/l	100
6) Chloroethane	2.93	64	35659	21.942	ug/l	98
7) Trichlorofluoromethane	3.26	101	47861	23.302	ug/l	99
8) Diethyl Ether	3.68	74	22055	19.643	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47862	21.822	ug/l	100
10) Methyl Iodide	4.26	142	78472	19.732	ug/l	100
11) Tert butyl alcohol	5.24	59	10121	84.144	ug/l	100
12) 1,1-Dichloroethene	4.03	96	45018	21.251	ug/l	97
13) Acrolein	3.90	56	11931	78.866	ug/l	97
14) Allyl chloride	4.67	41	56797	20.540	ug/l	99
15) Acrylonitrile	5.38	53	37890	94.118	ug/l	99
16) Acetone	4.15	43	44104	122.367	ug/l	98
17) Carbon Disulfide	4.37	76	128614	21.335	ug/l	100
18) Methyl Acetate	4.68	43	17965	17.334	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	60218	19.097	ug/l	96
20) Methylene Chloride	4.91	84	48665	16.877	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	49265	20.552	ug/l	94
22) Diisopropyl ether	6.32	45	114765	19.908	ug/l	99
23) Vinyl Acetate	6.26	43	311667	97.493	ug/l	99
24) 1,1-Dichloroethane	6.22	63	78869	20.187	ug/l	99
25) 2-Butanone	7.19	43	53954	104.905	ug/l	97
26) 2,2-Dichloropropane	7.17	77	55019	23.378	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	53641	20.002	ug/l	98
28) Bromochloromethane	7.51	49	29525	19.031	ug/l	99
29) Tetrahydrofuran	7.54	42	28549	88.253	ug/l	97
30) Chloroform	7.68	83	86371	20.164	ug/l	98
31) Cyclohexane	7.96	56	74659	20.996	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77254	21.314	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68264	21.533	ug/l	99
37) Ethyl Acetate	7.26	43	21389	19.469	ug/l	99
38) Carbon Tetrachloride	8.07	117	73522	22.194	ug/l	98

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Quant Time: Nov 06 14:33:09 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)
39) Methylcyclohexane	9.34	83	88643	22.033	ug/l	99
40) Benzene	8.33	78	194104	21.556	ug/l	100
41) Methacrylonitrile	7.49	41	12697	18.847	ug/l	99
42) 1,2-Dichloroethane	8.40	62	52259	20.236	ug/l	99
43) Isopropyl Acetate	8.43	43	42119	19.212	ug/l	99
44) Trichloroethene	9.10	130	58779	21.153	ug/l	99
45) 1,2-Dichloropropane	9.37	63	44092	21.041	ug/l	97
46) Dibromomethane	9.46	93	25036	20.324	ug/l	99
47) Bromodichloromethane	9.65	83	60158	21.032	ug/l	99
48) Methyl methacrylate	9.44	41	19723	18.673	ug/l	97
49) 1,4-Dioxane	9.48	88	6826	378.634	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	108691	96.535	ug/l	100
52) Toluene	10.39	92	127046	21.035	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57827	21.007	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	67346	20.703	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35169	20.122	ug/l	97
56) Ethyl methacrylate	10.65	69	37740	18.997	ug/l	98
57) 1,3-Dichloropropane	10.94	76	57030	20.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93701	97.030	ug/l	100
59) 2-Hexanone	10.98	43	80309	105.017	ug/l	100
60) Dibromochloromethane	11.13	129	41552	20.065	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34207	19.708	ug/l	100
64) Tetrachloroethene	10.87	164	53463	20.219	ug/l	99
65) Chlorobenzene	11.66	112	148138	21.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	50914	20.752	ug/l	99
67) Ethyl Benzene	11.74	91	250650	21.483	ug/l	98
68) m/p-Xylenes	11.84	106	202902	43.529	ug/l	98
69) o-Xylene	12.17	106	92622	20.872	ug/l	99
70) Styrene	12.18	104	150250	20.767	ug/l	99
71) Bromoform	12.35	173	25908	19.921	ug/l #	100
73) Isopropylbenzene	12.47	105	261355	20.963	ug/l	100
74) N-amyl acetate	12.28	43	40268	18.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39071	19.841	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49393	33.449	ug/l #	100
77) Bromobenzene	12.75	156	66627	20.640	ug/l	99
78) n-propylbenzene	12.81	91	311918	21.751	ug/l	99
79) 2-Chlorotoluene	12.90	91	173730	21.109	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	222245	21.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10501	20.097	ug/l	96
82) 4-Chlorotoluene	12.99	91	183334	21.056	ug/l	99
83) tert-Butylbenzene	13.21	119	196150	20.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225977	21.033	ug/l	99
85) sec-Butylbenzene	13.39	105	284384	21.738	ug/l	100
86) p-Isopropyltoluene	13.51	119	257171	21.604	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	134272	21.121	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	132868	21.085	ug/l	99
89) n-Butylbenzene	13.83	91	233899	22.135	ug/l	99
90) Hexachloroethane	14.10	117	41570	21.248	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	117387	20.528	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5664	17.726	ug/l	97

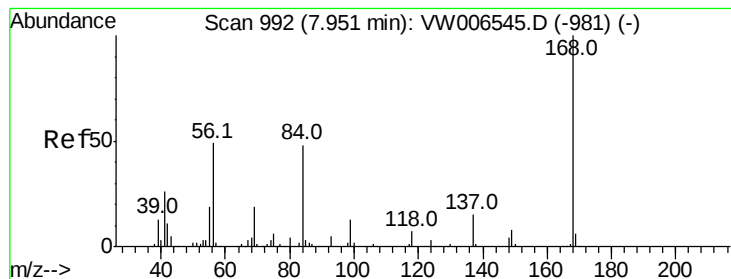
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88697	20.860	ug/l	99
94) Hexachlorobutadiene	15.24	225	57755	21.793	ug/l	99
95) Naphthalene	15.38	128	130785	19.137	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75634	20.239	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

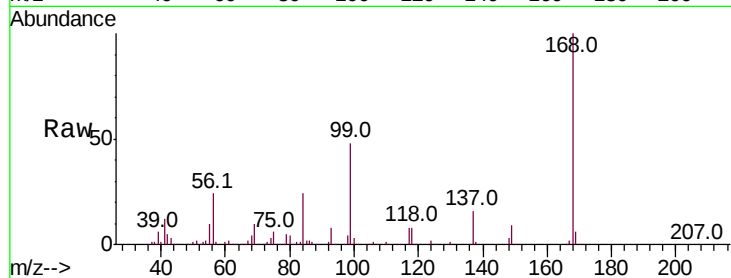
VW1106SBS01

Tot Ion:168 Resp: 259708

Ion Ratio Lower Upper

168 100

99 47.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

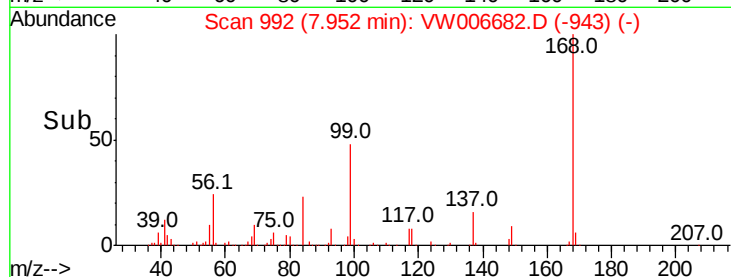
7.95

100000

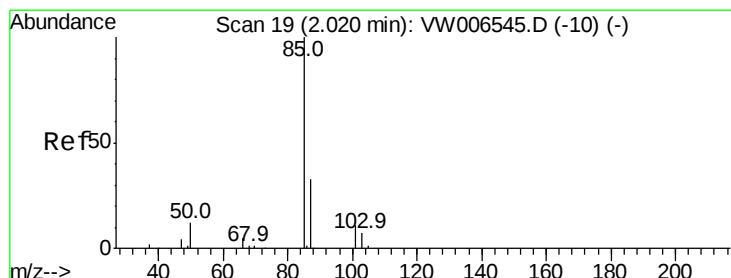
50000

0

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 22.580 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006682.D

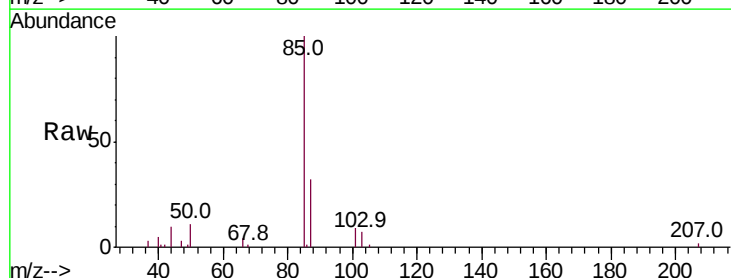
Acq: 06 Nov 2018 13:32

Tgt Ion: 85 Resp: 30400

Ion Ratio Lower Upper

85 100

87 32.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

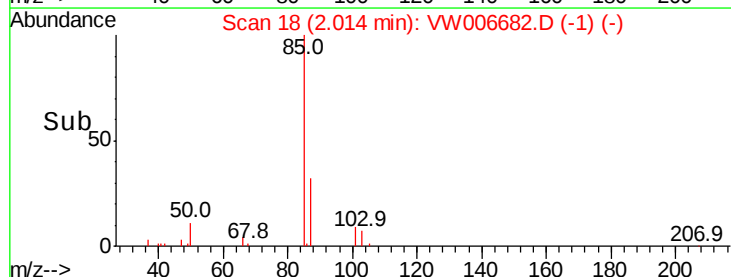
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4000

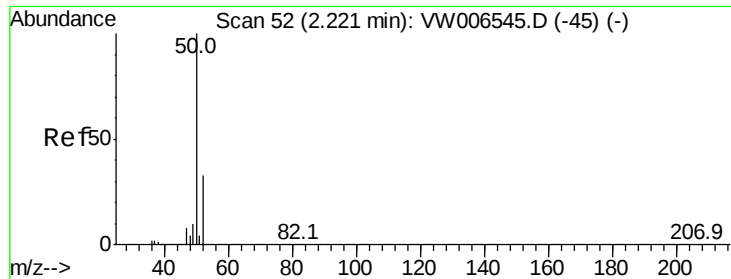
2000

0

Time-->



Time-->



#3

Chloromethane

Concen: 20.557 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

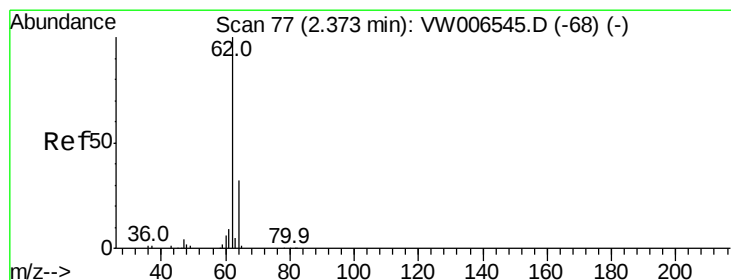
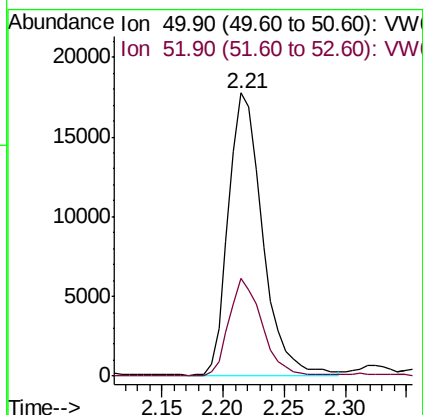
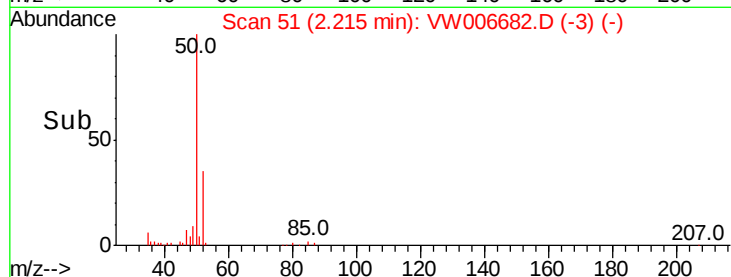
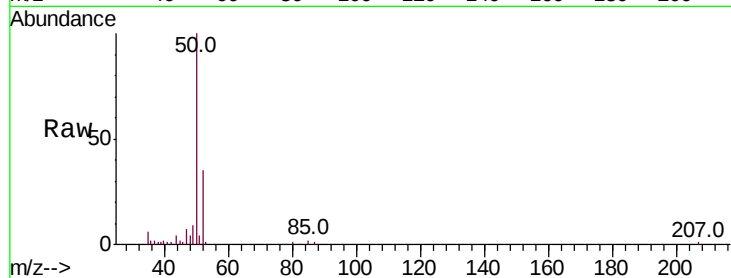
VW1106SBS01

Tot Ion: 50 Resp: 34243

Ion Ratio Lower Upper

50 100

52 34.9 26.2 39.4



#4

Vinyl Chloride

Concen: 22.186 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006682.D

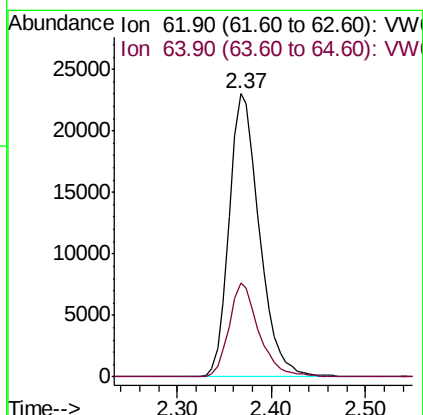
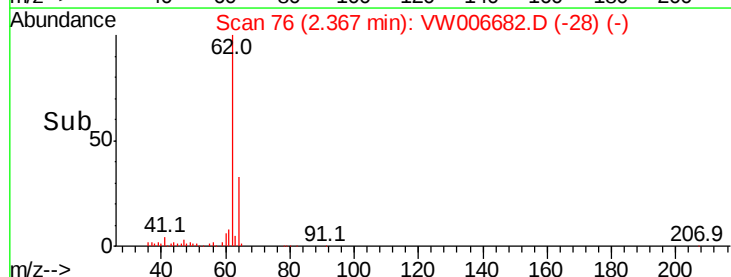
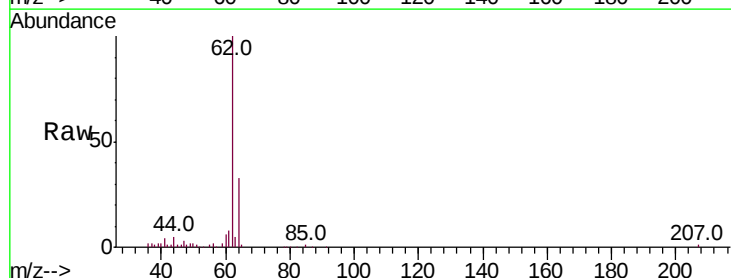
Acq: 06 Nov 2018 13:32

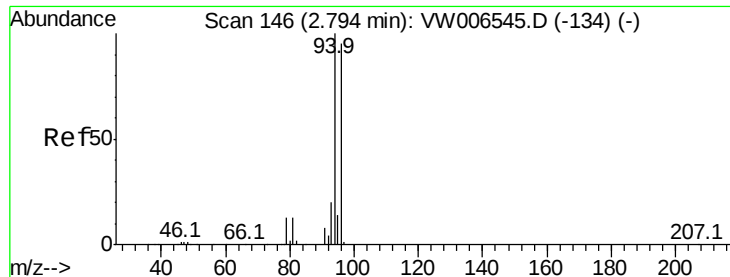
Tgt Ion: 62 Resp: 51602

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0





#5

Bromomethane

Concen: 21.362 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

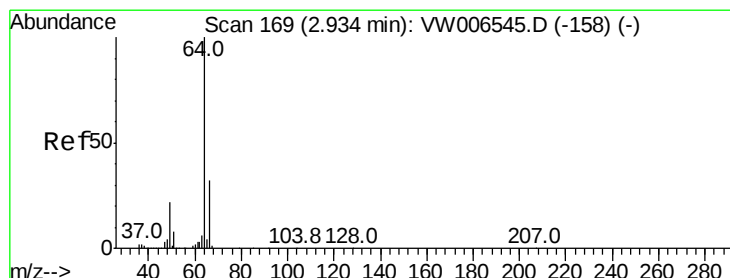
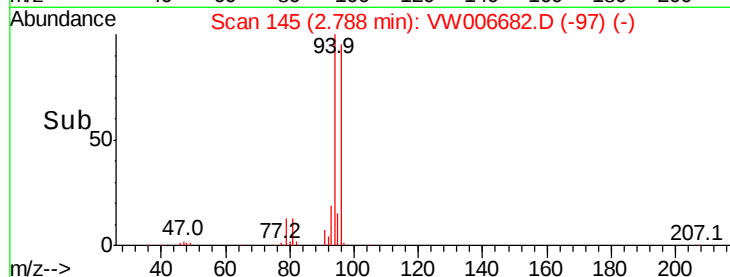
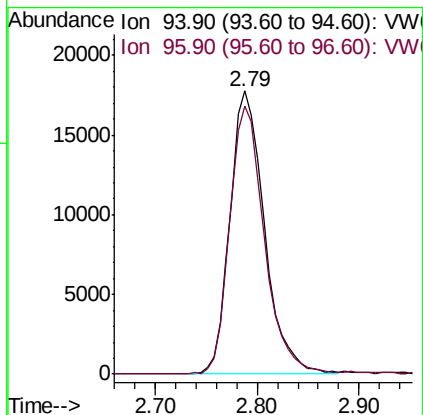
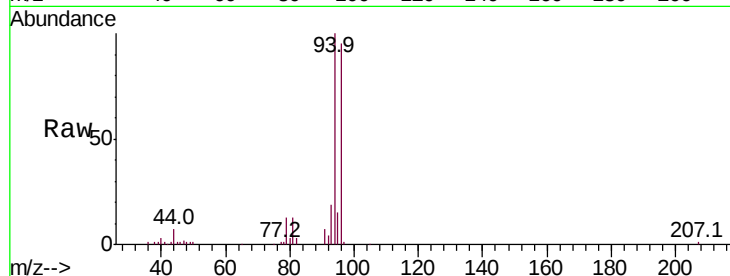
VW1106SBS01

Tot Ion: 94 Resp: 41699

Ion Ratio Lower Upper

94 100

96 94.8 75.7 113.5



#6

Chloroethane

Concen: 21.942 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006682.D

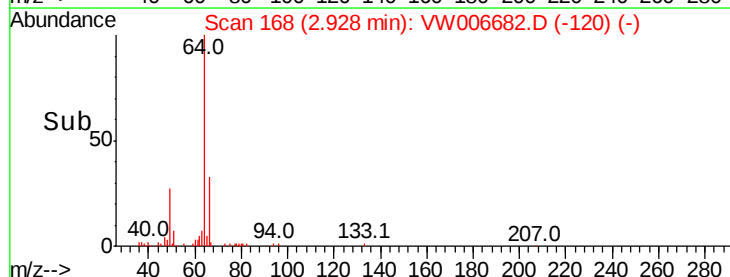
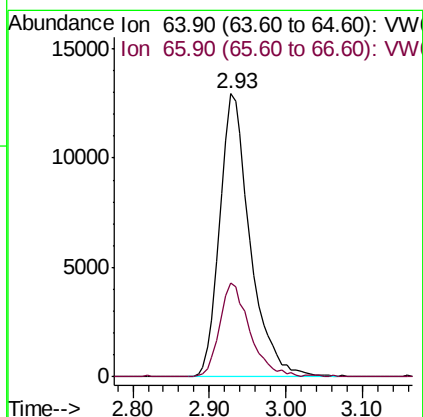
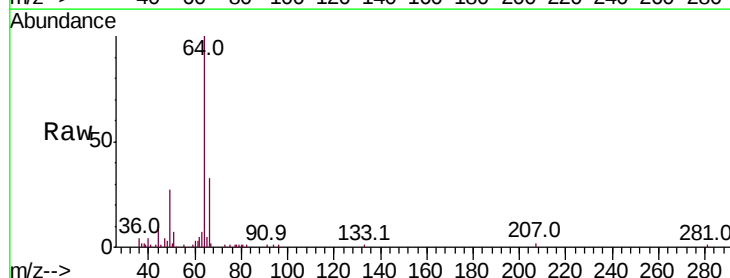
Acq: 06 Nov 2018 13:32

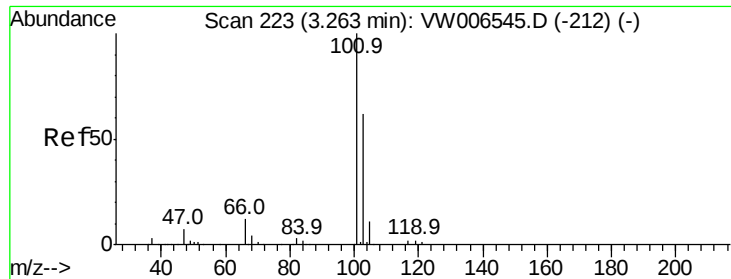
Tgt Ion: 64 Resp: 35659

Ion Ratio Lower Upper

64 100

66 33.4 25.9 38.9



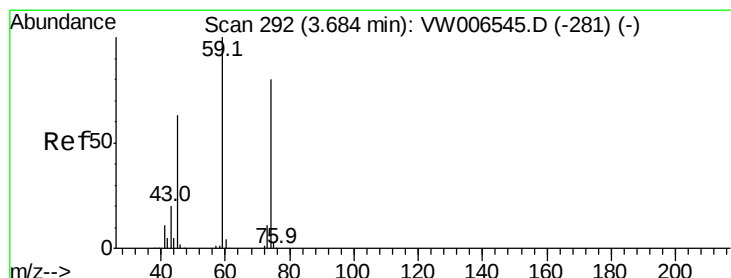
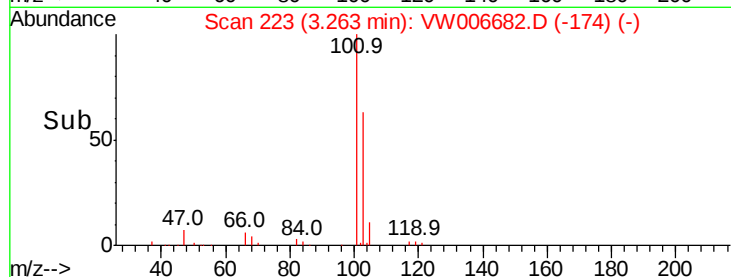
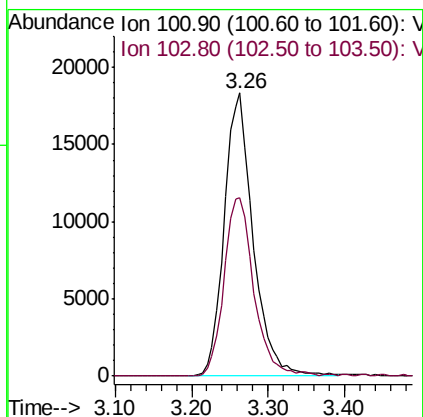
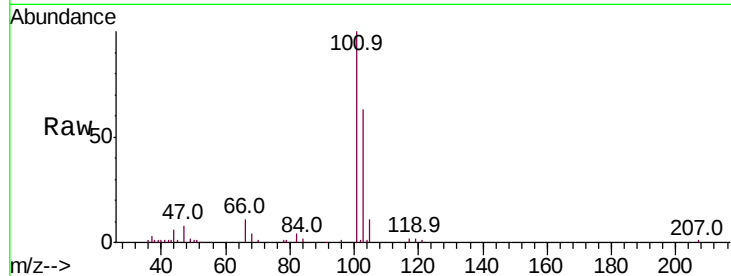


#7

Trichlorofluoromethane
 Concen: 23.302 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

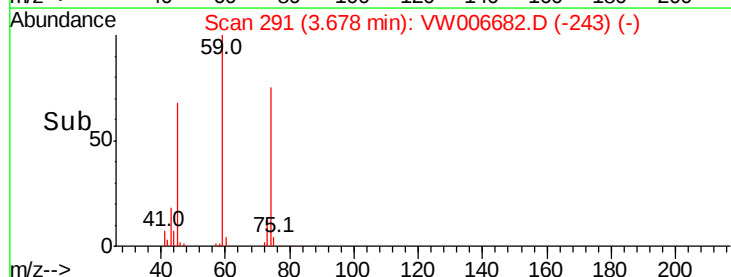
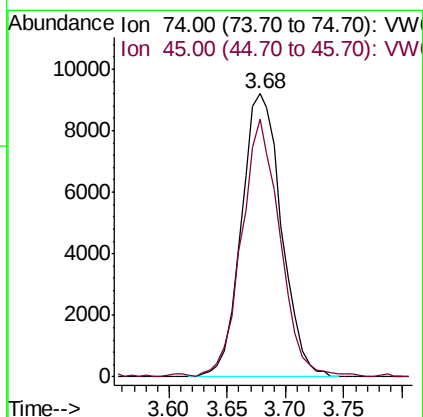
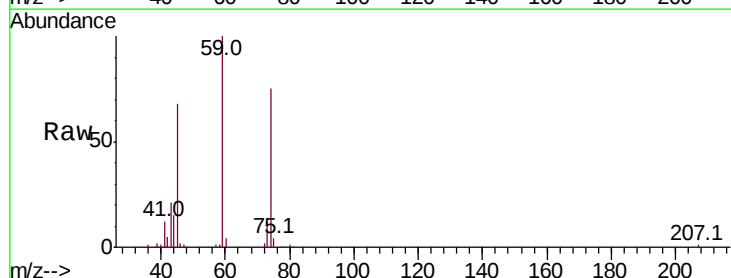
Tot Ion:101 Resp: 47861
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.8 74.8

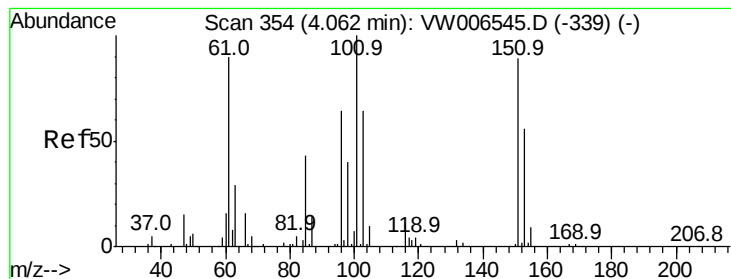


#8

Diethyl Ether
 Concen: 19.643 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion: 74 Resp: 22055
 Ion Ratio Lower Upper
 74 100
 45 87.5 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.822 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD01

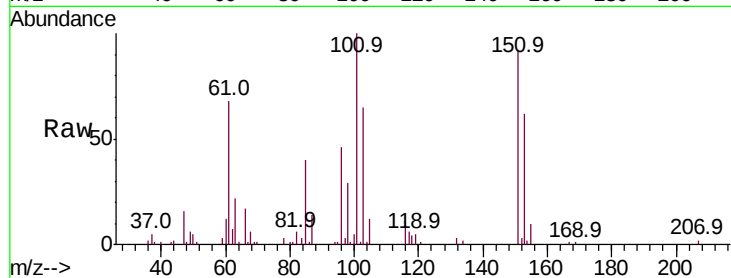
Tot Ion:101 Resp: 47862

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

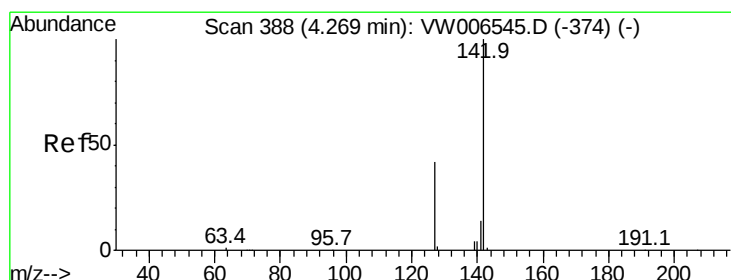
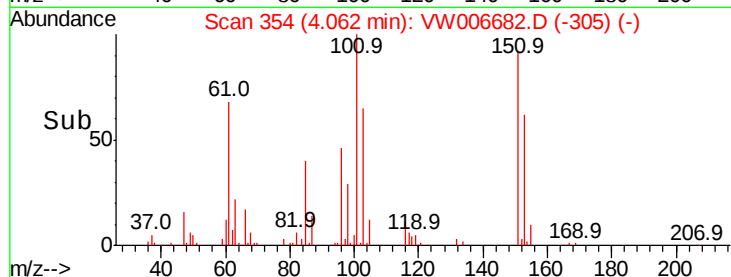
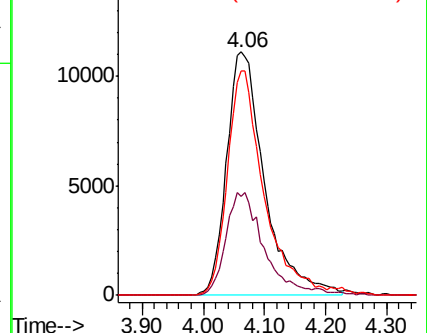
151 88.0 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.732 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

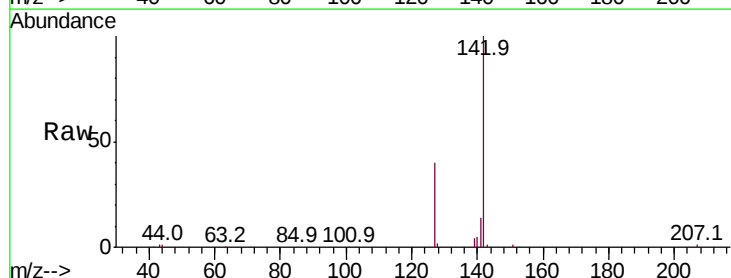
Tgt Ion:142 Resp: 78472

Ion Ratio Lower Upper

142 100

127 40.7 32.3 48.5

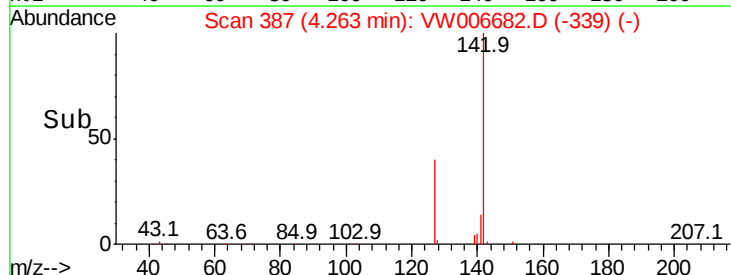
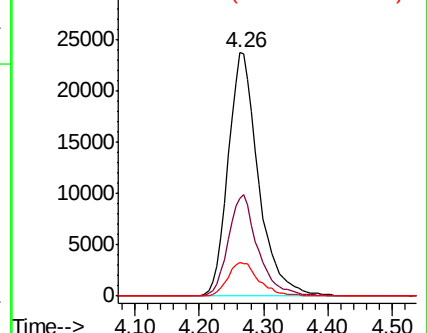
141 14.2 11.3 16.9

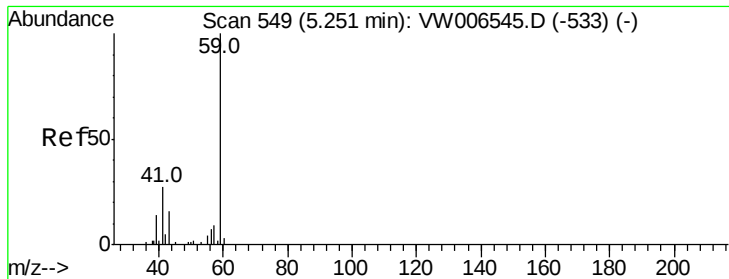


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.144 ug/l

RT: 5.24 min Scan# 547

Delta R.T. -0.01 min

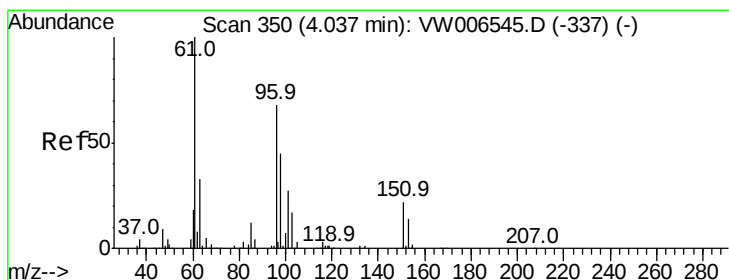
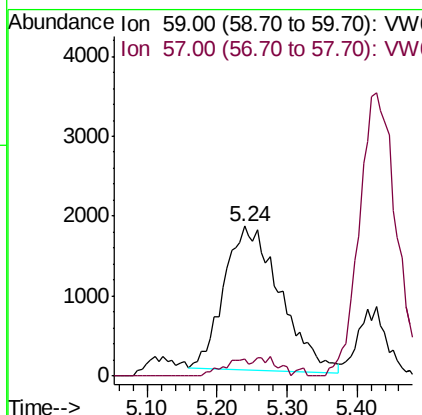
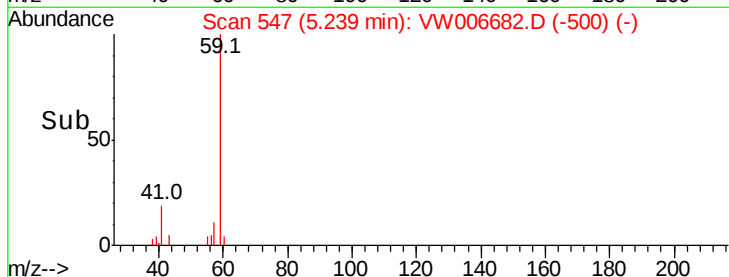
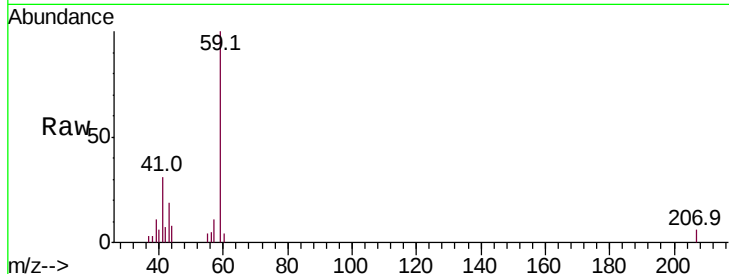
Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion: 59 Resp: 10121

Ion	Ratio	Lower	Upper
59	100		
57	5.4	4.3	6.5



#12

1,1-Dichloroethene

Concen: 21.251 ug/l

RT: 4.03 min Scan# 349

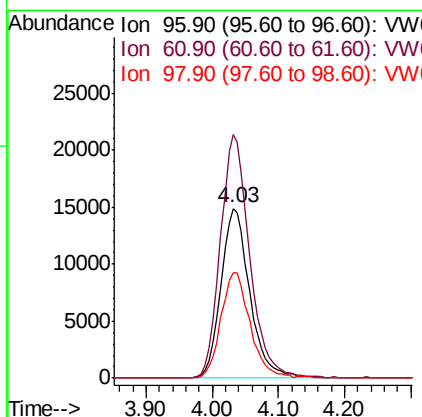
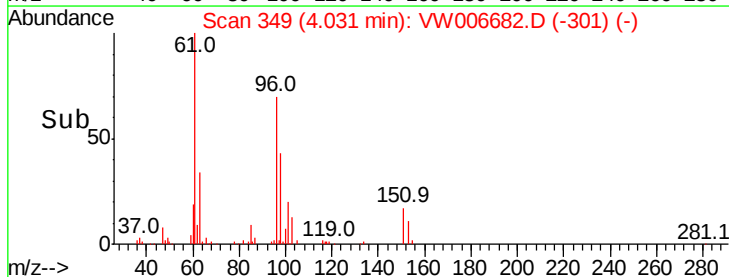
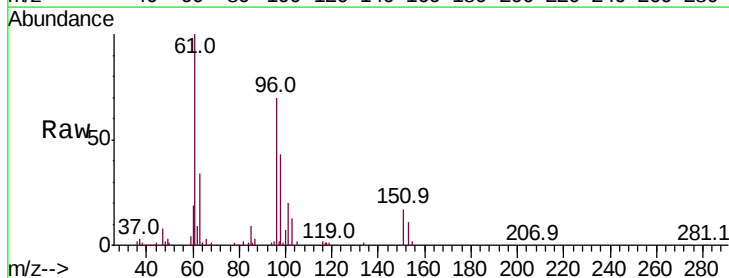
Delta R.T. -0.01 min

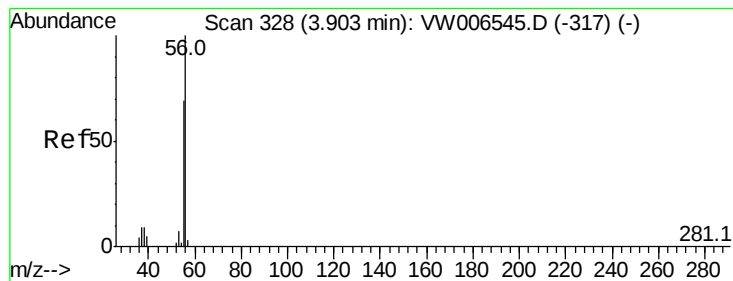
Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion: 96 Resp: 45018

Ion	Ratio	Lower	Upper
96	100		
61	143.4	117.0	175.4
98	61.8	52.5	78.7





#13

Acrolein

Concen: 78.866 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

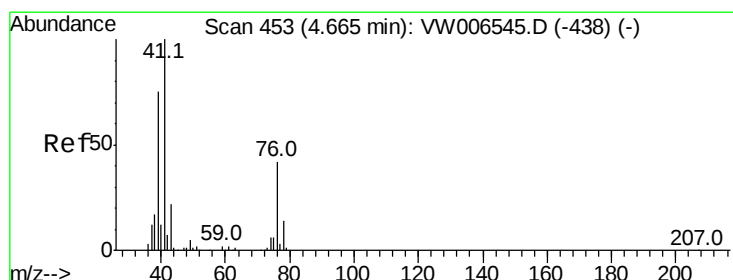
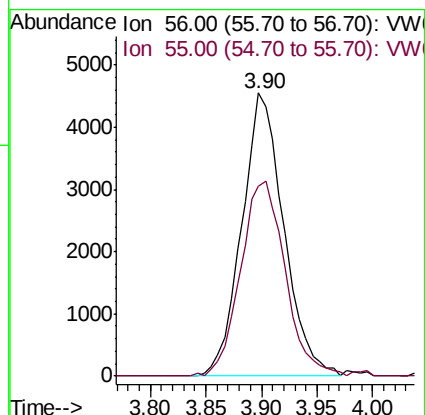
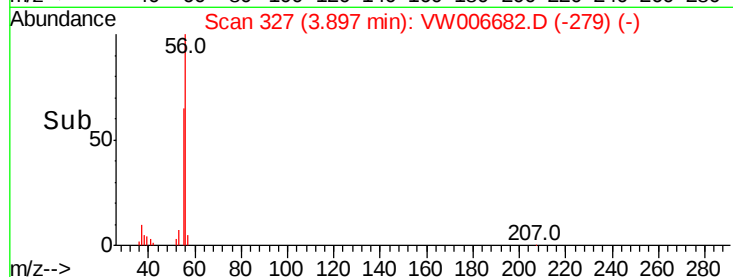
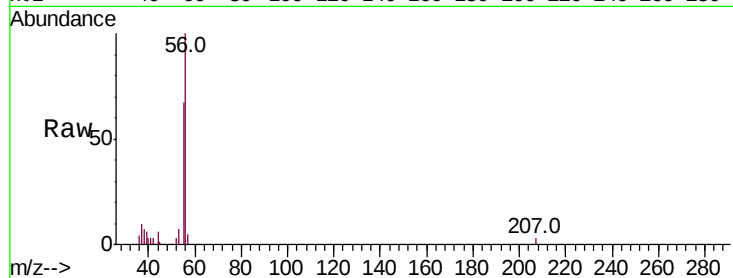
VW1106SBSD01

Tot Ion: 56 Resp: 11931

Ion Ratio Lower Upper

56 100

55 73.3 56.9 85.3



#14

Allyl chloride

Concen: 20.540 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

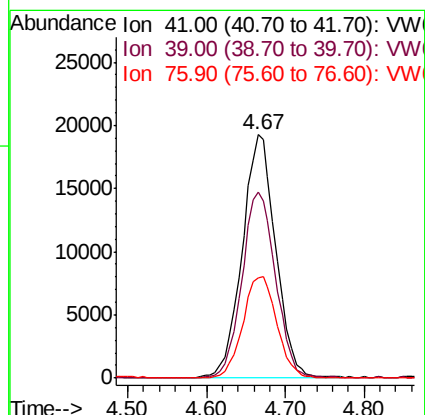
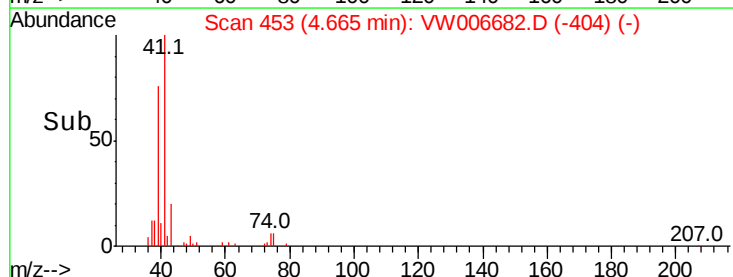
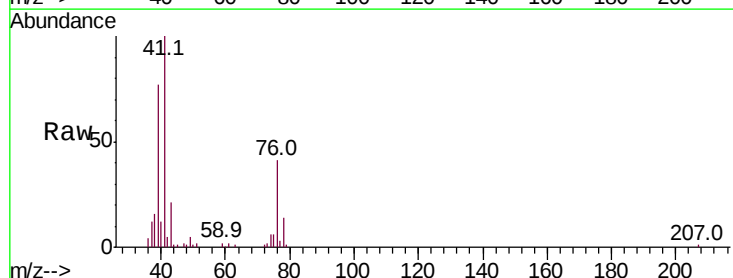
Tgt Ion: 41 Resp: 56797

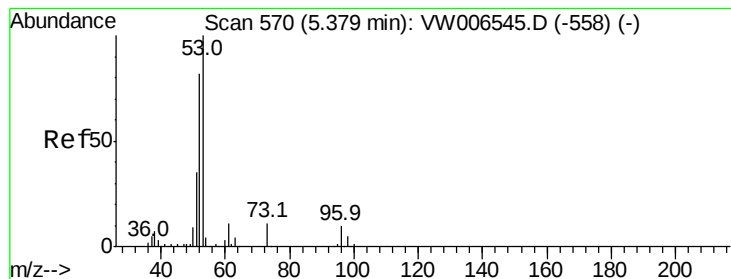
Ion Ratio Lower Upper

41 100

39 76.9 62.1 93.1

76 42.3 34.2 51.2





#15

Acrylonitrile

Concen: 94.118 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS01

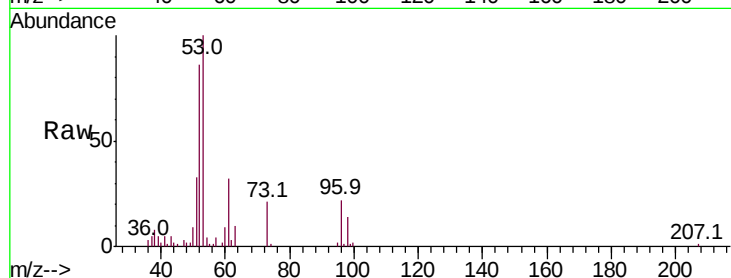
Tot Ion: 53 Resp: 37890

Ion Ratio Lower Upper

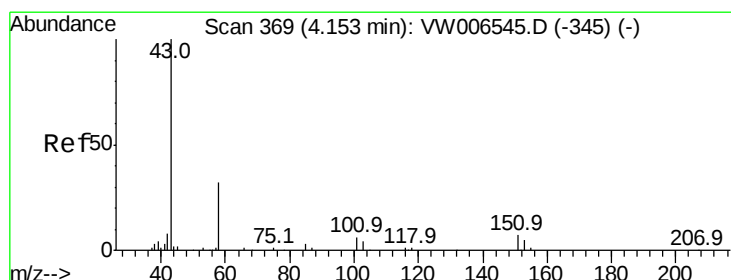
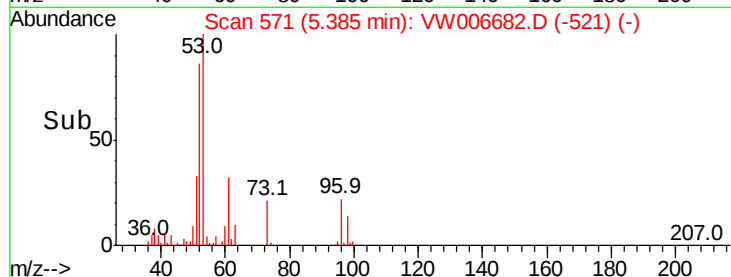
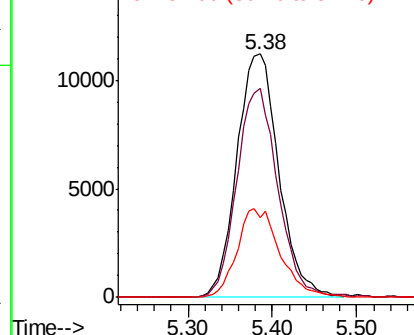
53 100

52 83.9 65.8 98.8

51 37.4 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 122.367 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006682.D

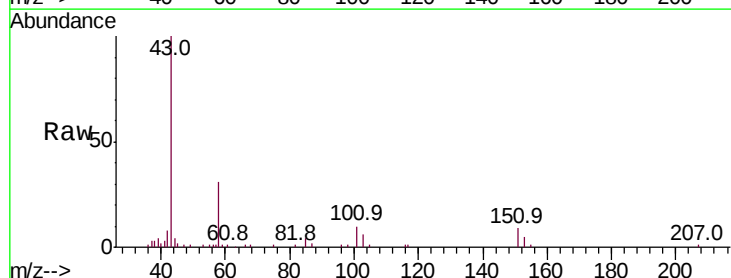
Acq: 06 Nov 2018 13:32

Tgt Ion: 43 Resp: 44104

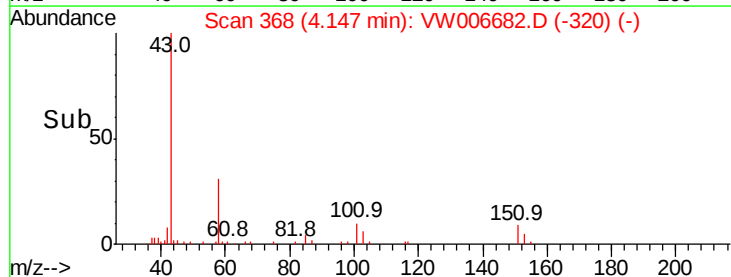
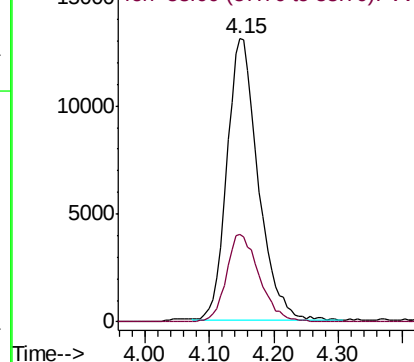
Ion Ratio Lower Upper

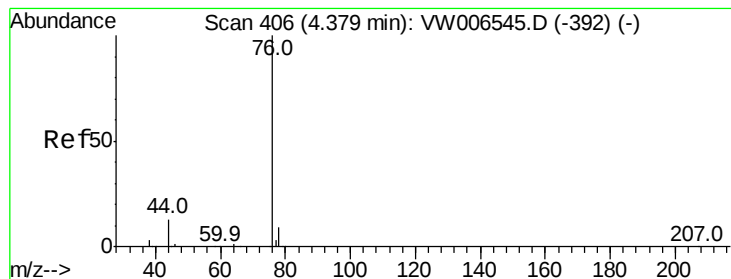
43 100

58 31.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 21.335 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

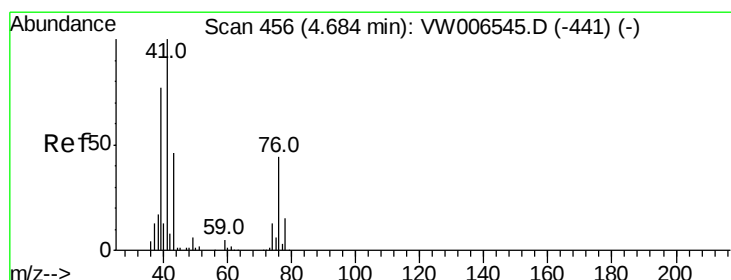
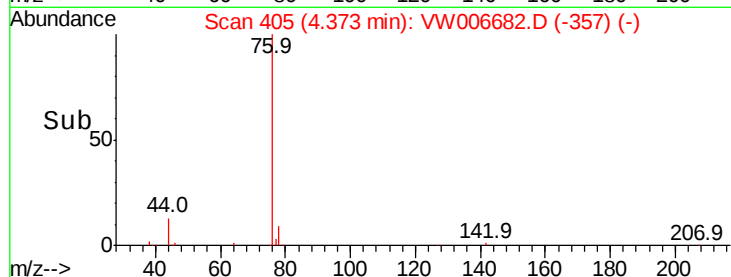
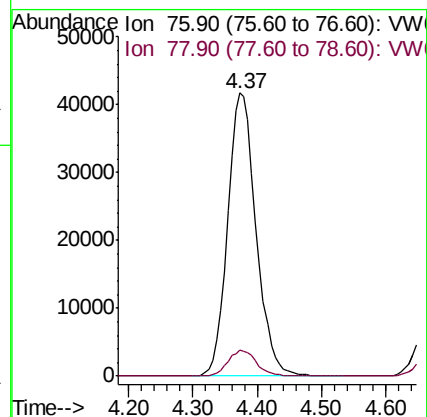
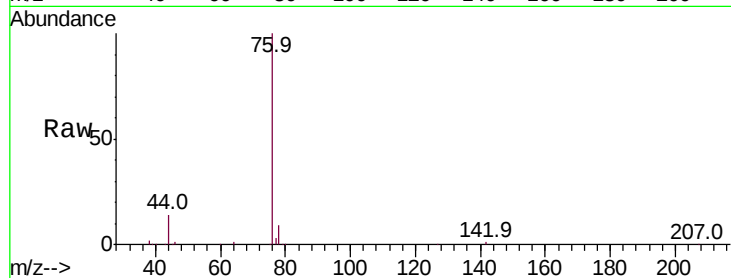
VW1106SBSD01

Tot Ion: 76 Resp: 128614

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 17.334 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006682.D

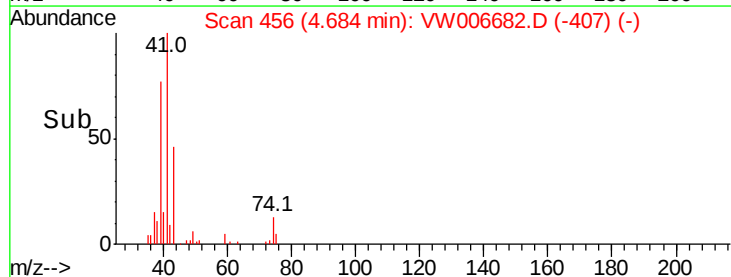
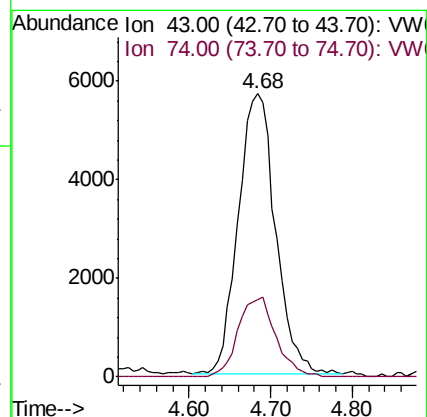
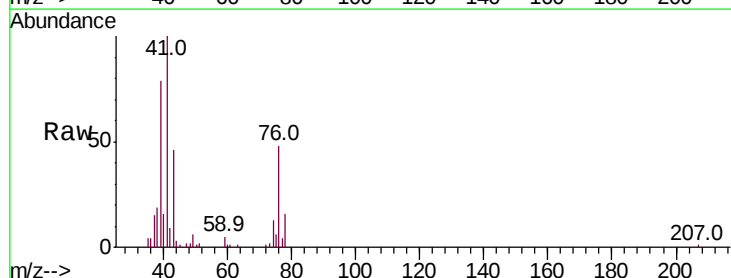
Acq: 06 Nov 2018 13:32

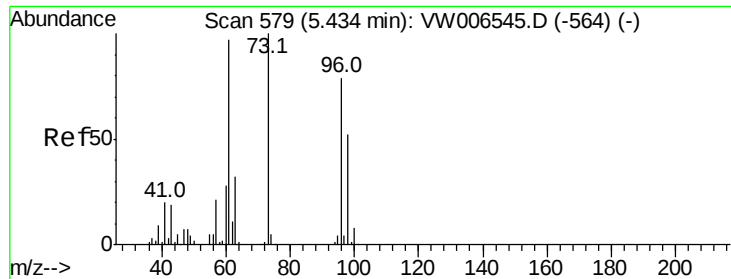
Tgt Ion: 43 Resp: 17965

Ion Ratio Lower Upper

43 100

74 28.8 21.9 32.9

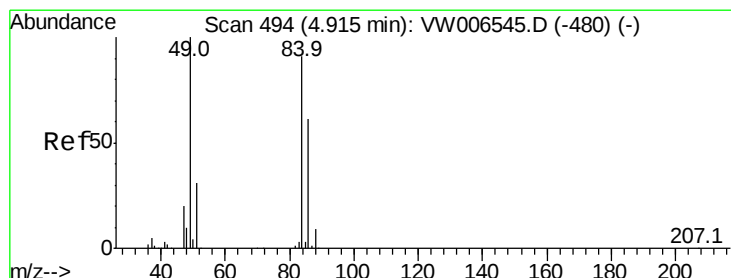
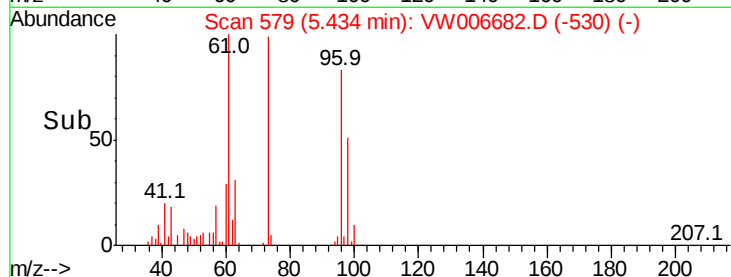
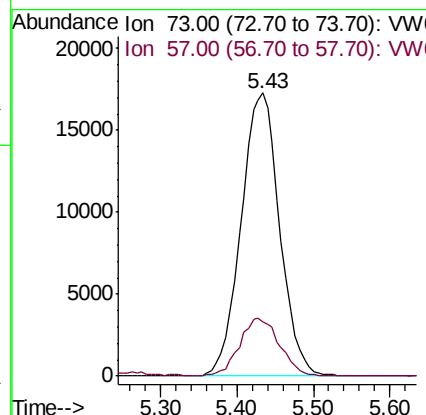
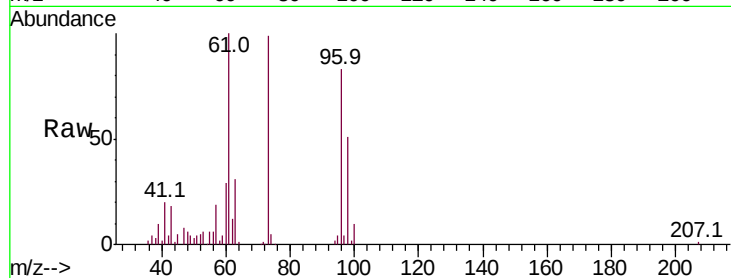




#19
Methyl tert-butyl Ether
Concen: 19.097 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

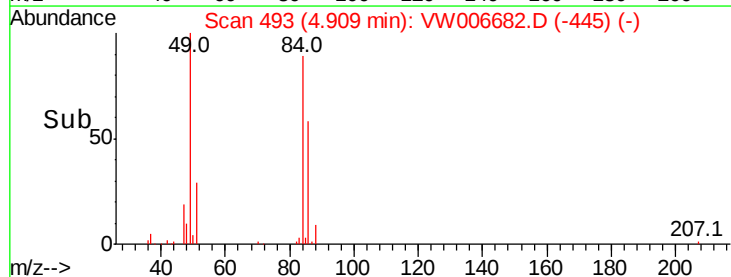
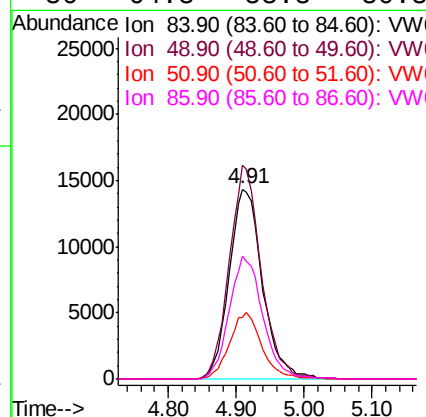
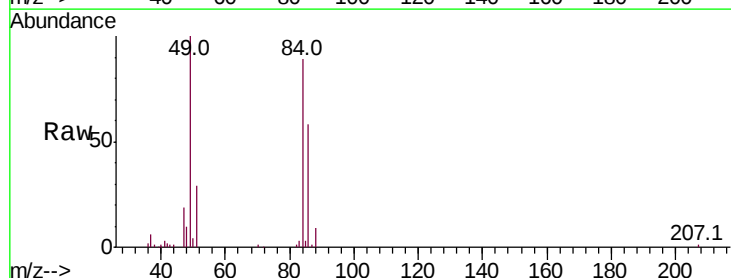
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

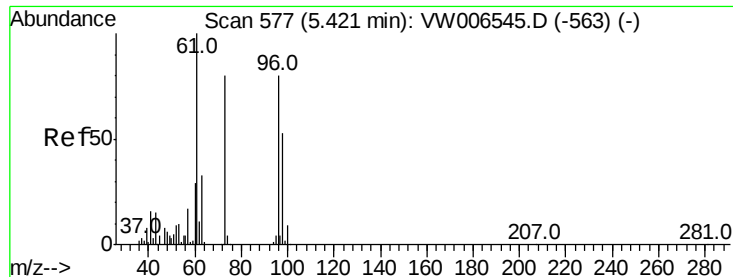
Tot Ion: 73 Resp: 60218
Ion Ratio Lower Upper
73 100
57 19.2 16.7 25.1



#20
Methylene Chloride
Concen: 16.877 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion: 84 Resp: 48665
Ion Ratio Lower Upper
84 100
49 112.5 88.2 132.4
51 32.5 27.0 40.6
86 64.8 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 20.552 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

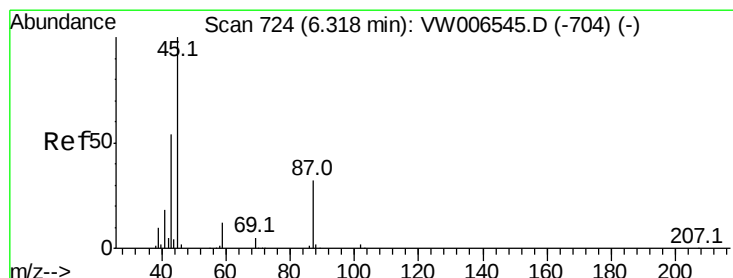
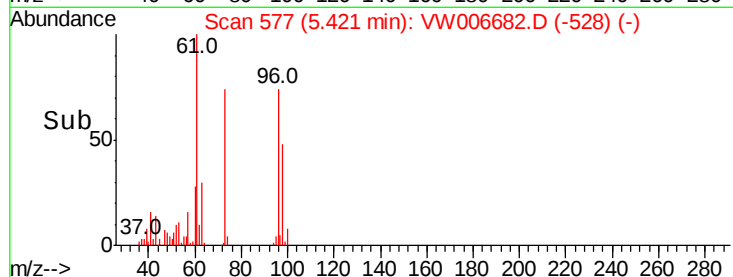
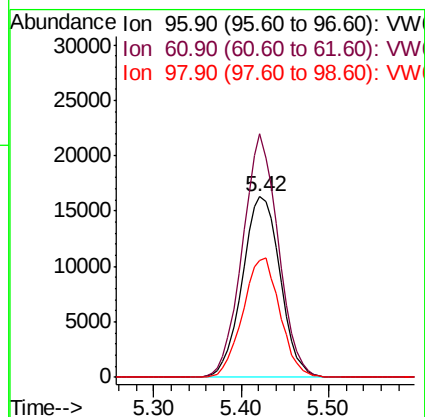
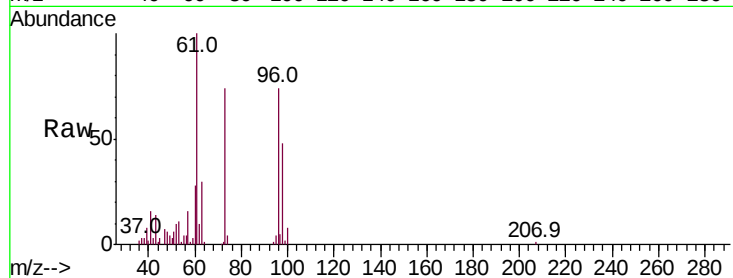
Tot Ion: 96 Resp: 49265

Ion Ratio Lower Upper

96 100

61 134.7 100.6 150.8

98 64.5 52.9 79.3



#22

Diisopropyl ether

Concen: 19.908 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion: 45 Resp: 114765

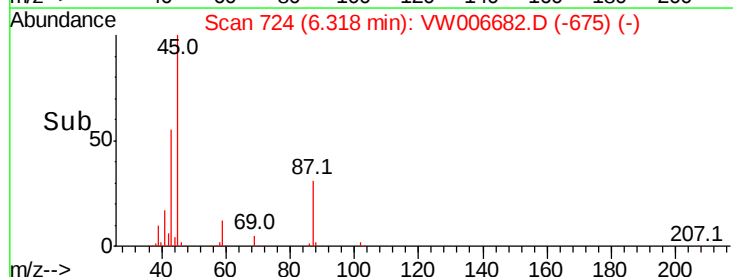
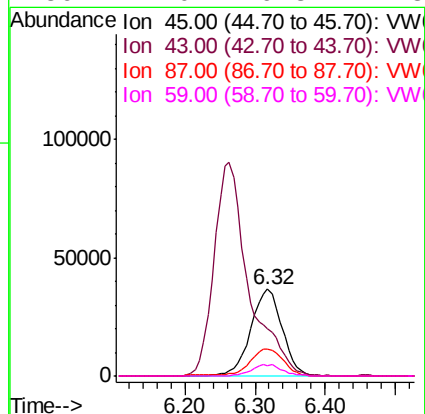
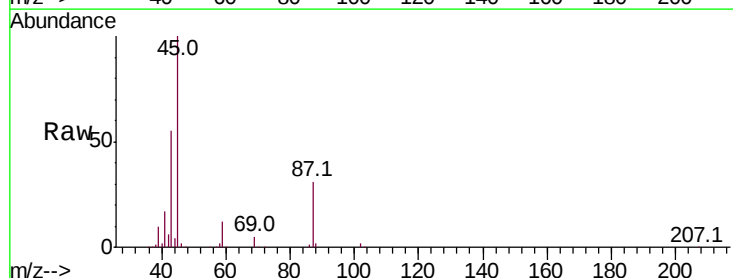
Ion Ratio Lower Upper

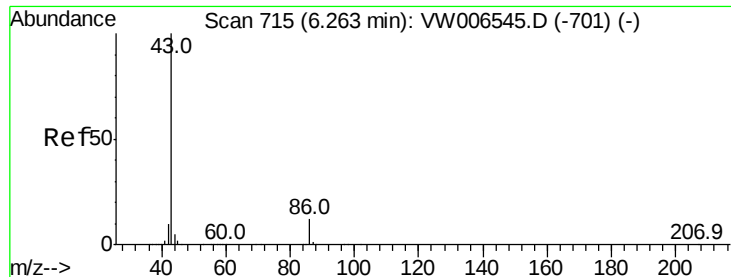
45 100

43 54.2 43.6 65.4

87 31.1 26.3 39.5

59 12.0 9.8 14.8





#23

Vinyl Acetate

Concen: 97.493 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

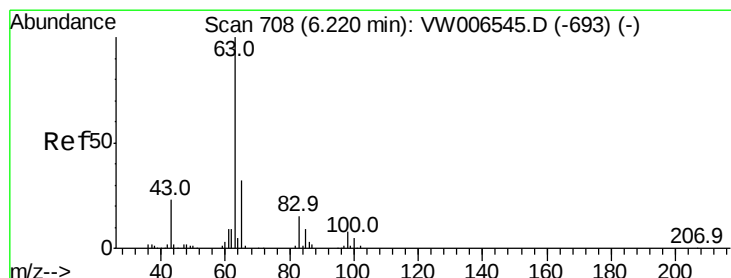
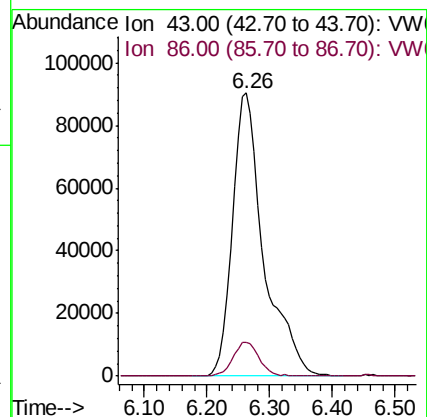
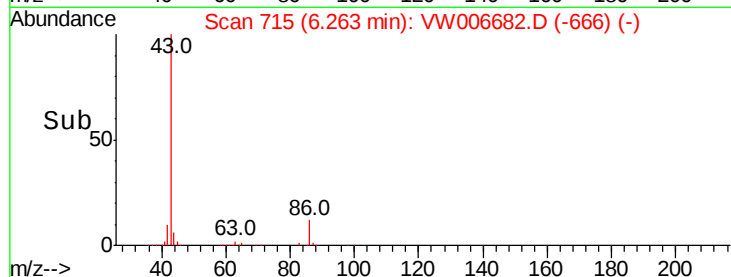
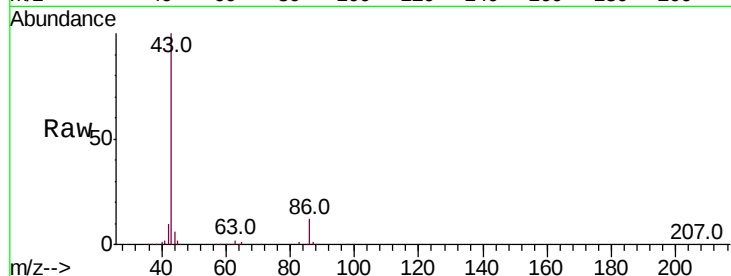
VW1106SBS01

Tot Ion: 43 Resp: 311667

Ion Ratio Lower Upper

43 100

86 12.0 9.8 14.8



#24

1,1-Dichloroethane

Concen: 20.187 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

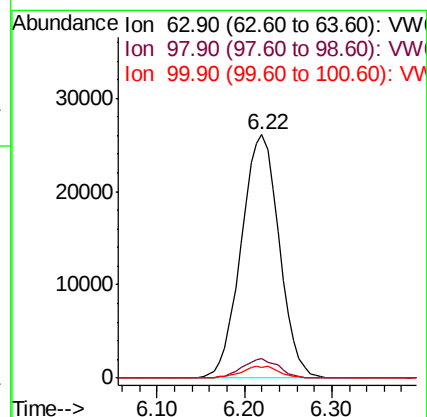
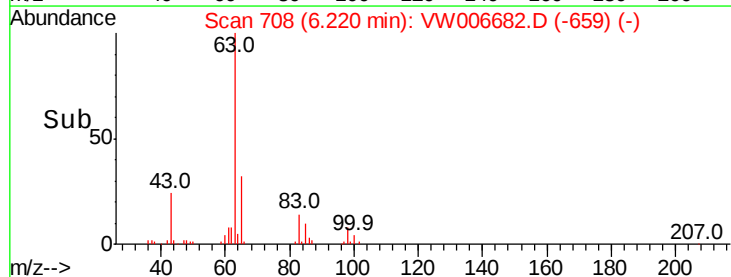
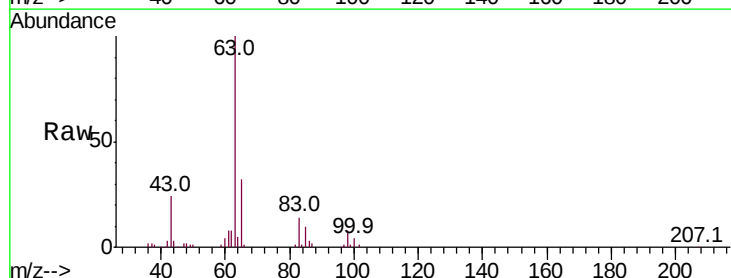
Tgt Ion: 63 Resp: 78869

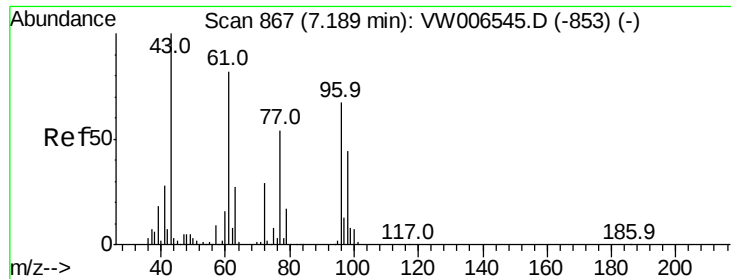
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 104.905 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

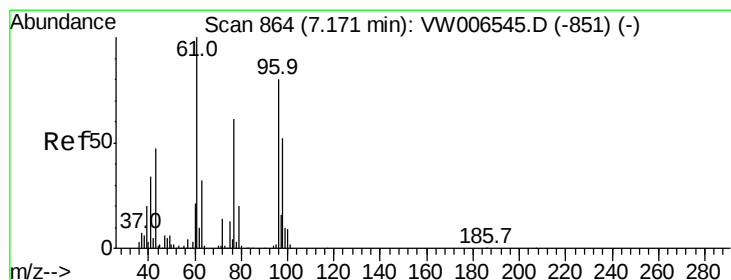
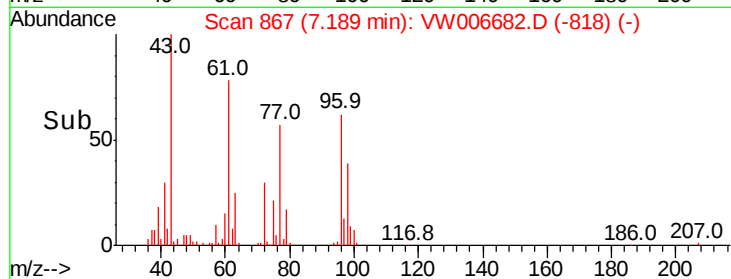
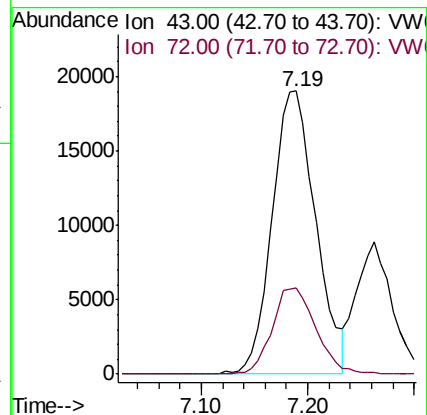
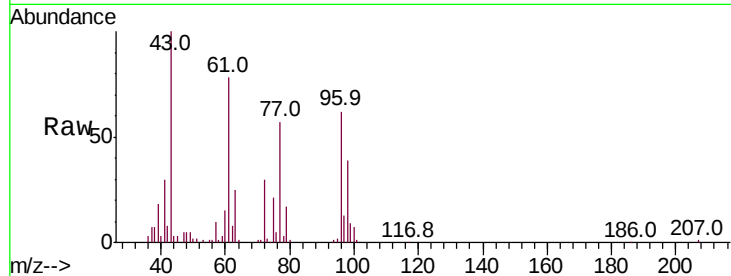
VW1106SBS01

Tot Ion: 43 Resp: 53954

Ion Ratio Lower Upper

43 100

72 30.4 23.2 34.8



#26

2,2-Dichloropropane

Concen: 23.378 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006682.D

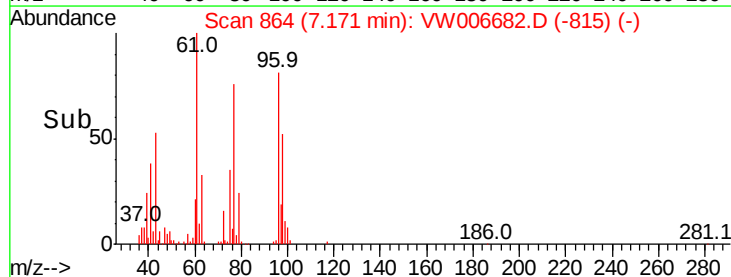
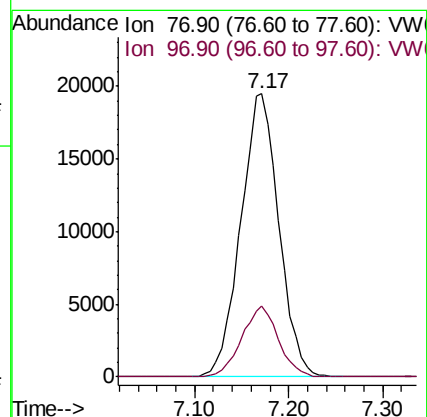
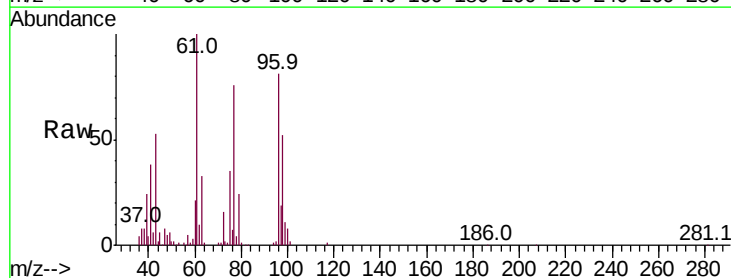
Acq: 06 Nov 2018 13:32

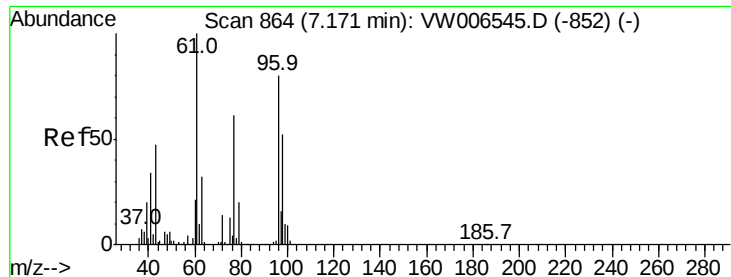
Tgt Ion: 77 Resp: 55019

Ion Ratio Lower Upper

77 100

97 24.1 12.8 38.4



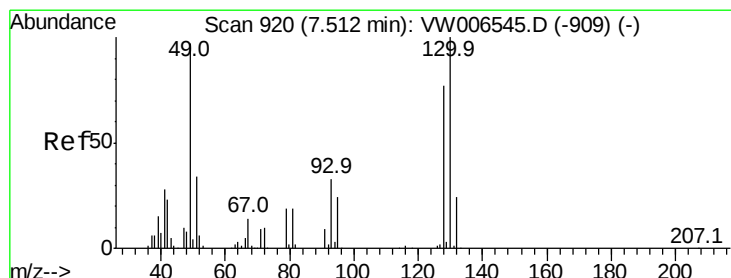
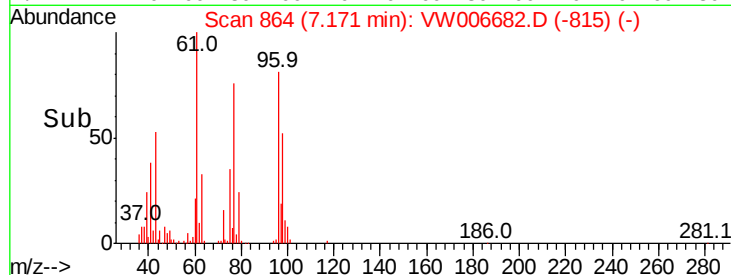
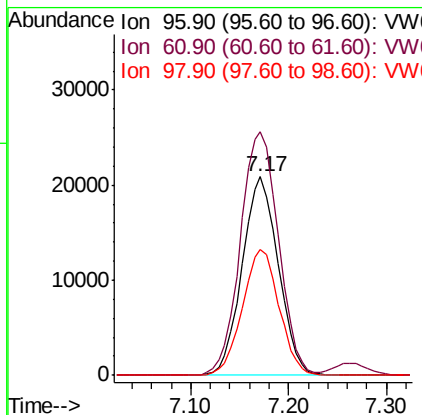
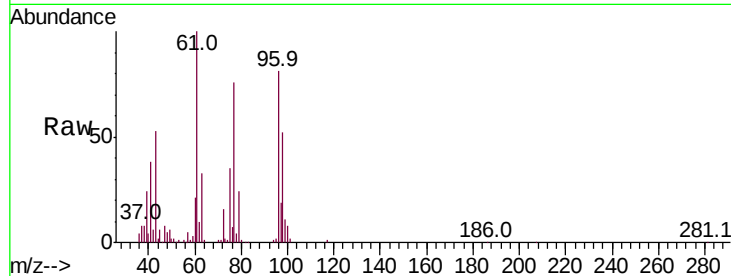


#27

cis-1,2-Dichloroethene
 Concen: 20.002 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

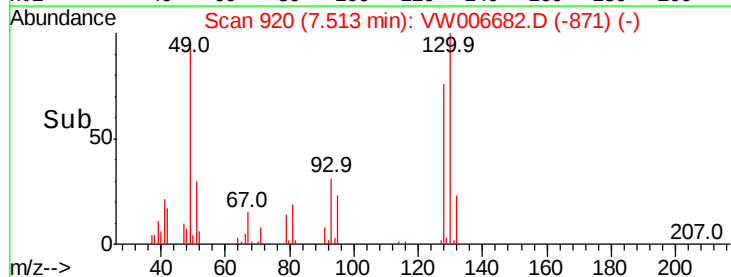
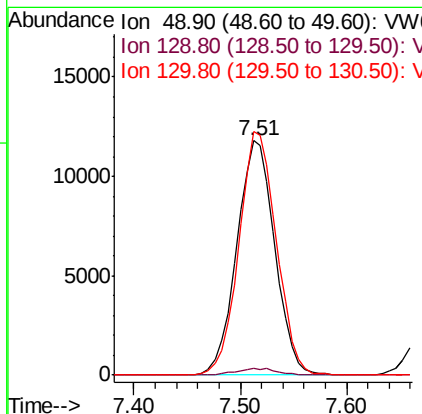
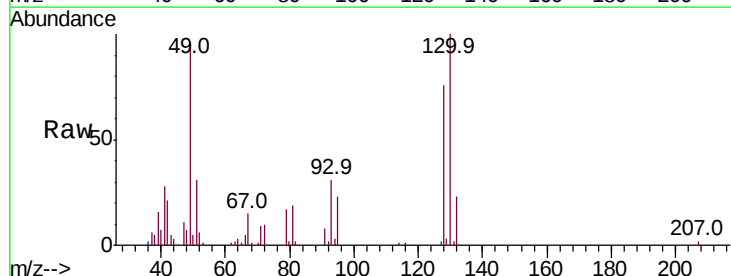
Tot Ion	96	Resp	53641
Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	254.2
98	63.9	0.0	129.6

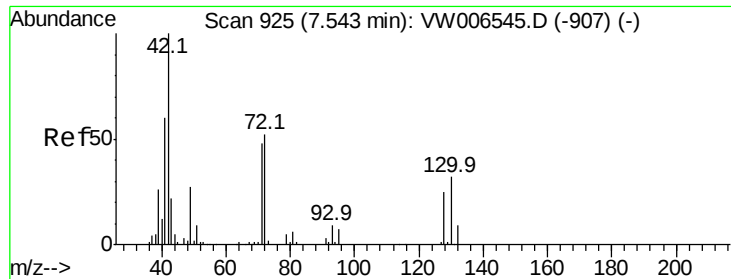


#28

Bromochloromethane
 Concen: 19.031 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion	49	Resp	29525
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	102.1	82.2	123.2

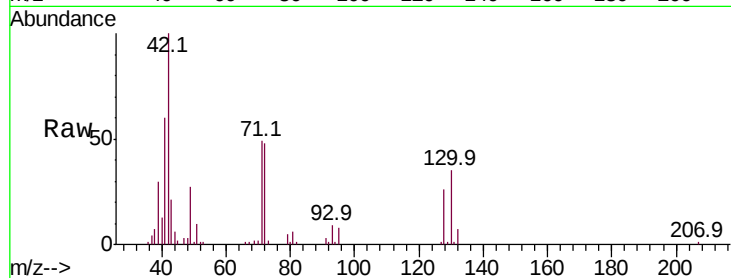




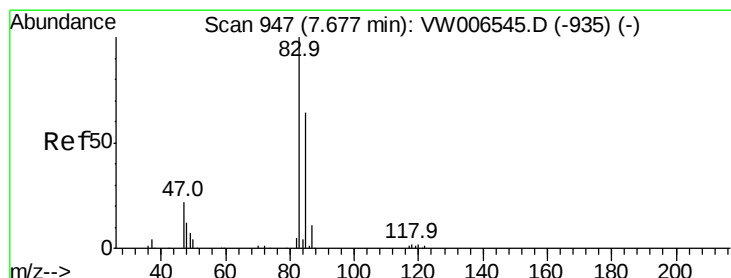
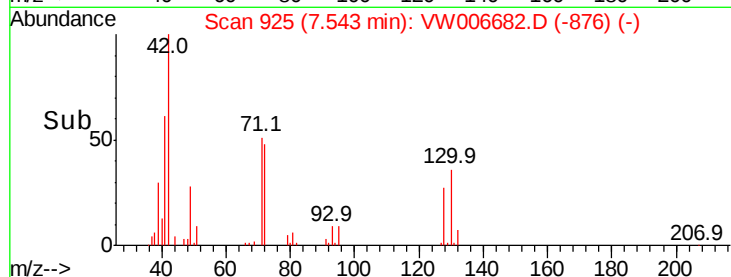
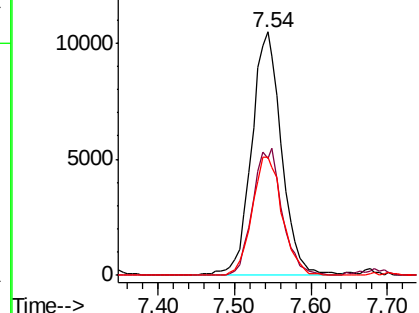
#29
Tetrahydrofuran
Concen: 88.253 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	39.2	58.8
71	48.7	37.6	56.4

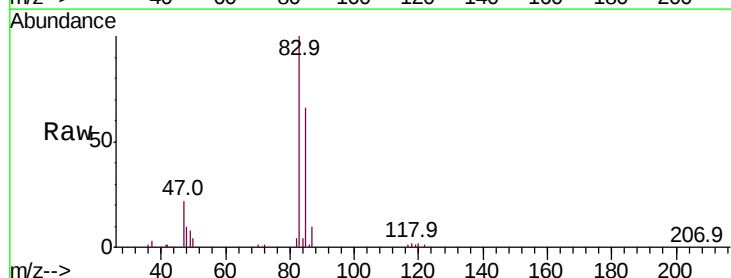


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

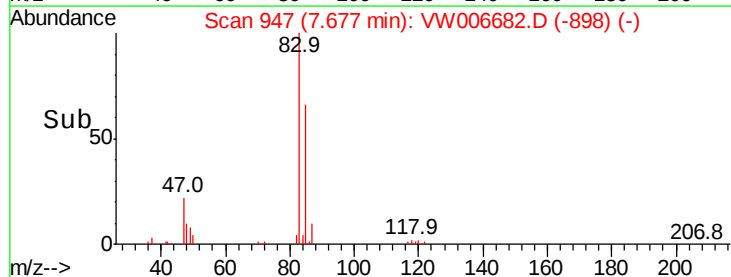
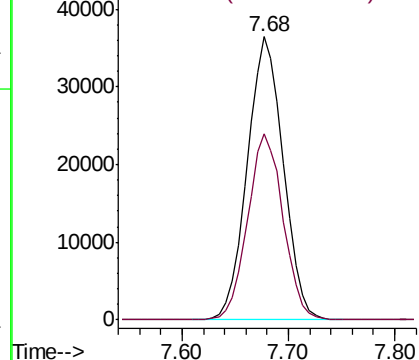


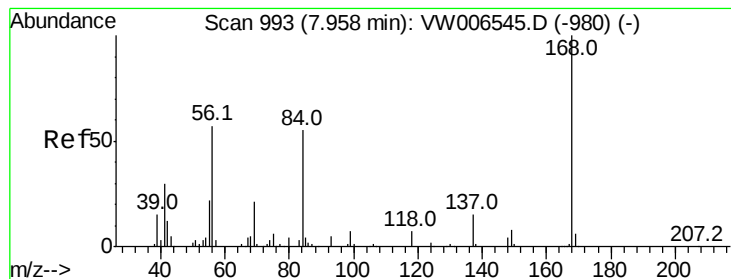
#30
Chloroform
Concen: 20.164 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.3	76.9



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





#31

Cyclohexane

Concen: 20.996 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

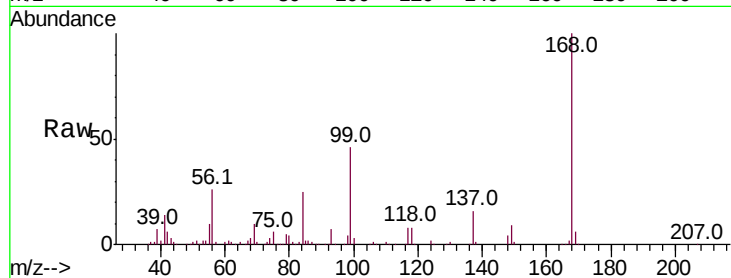
Tot Ion: 56 Resp: 74659

Ion Ratio Lower Upper

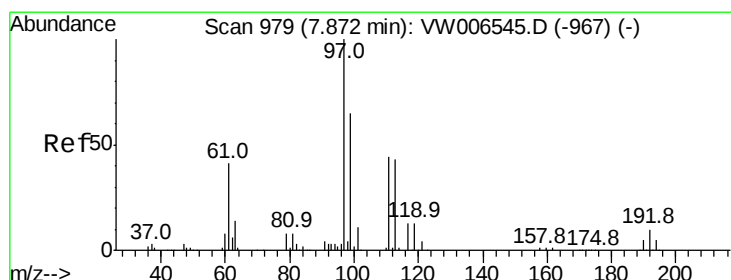
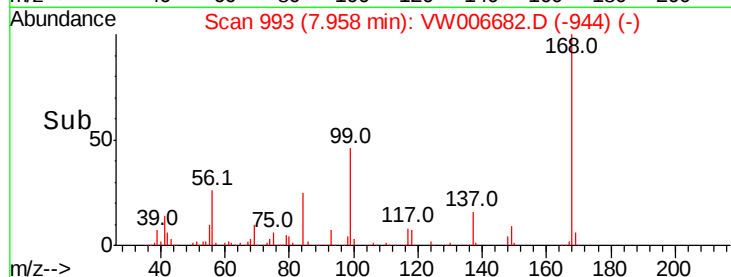
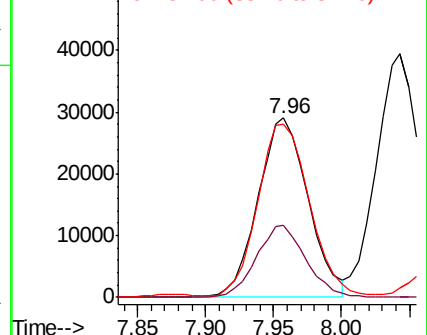
56 100

69 39.9 29.0 43.4

84 95.7 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: 21.314 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

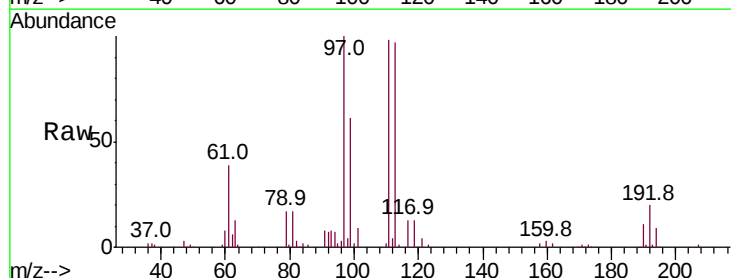
Tgt Ion: 97 Resp: 77254

Ion Ratio Lower Upper

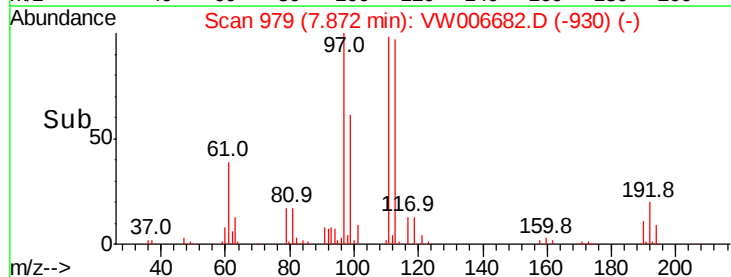
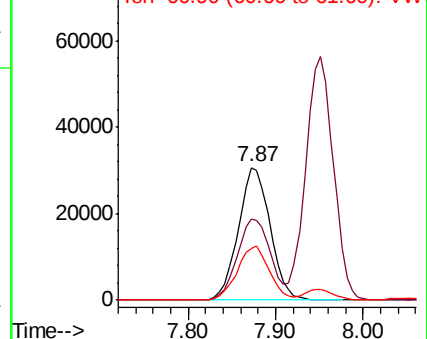
97 100

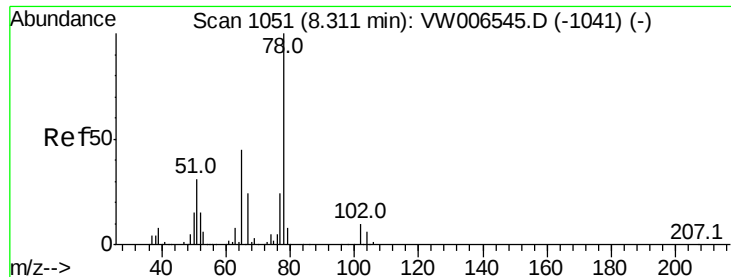
99 63.3 51.7 77.5

61 41.0 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

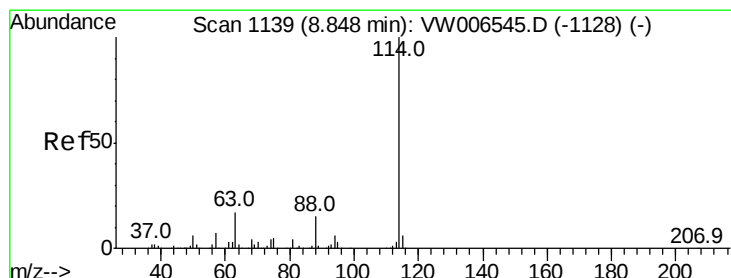
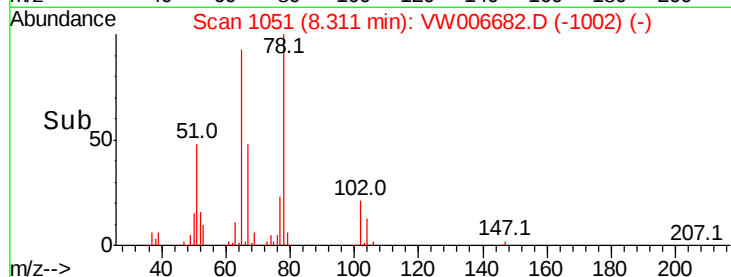
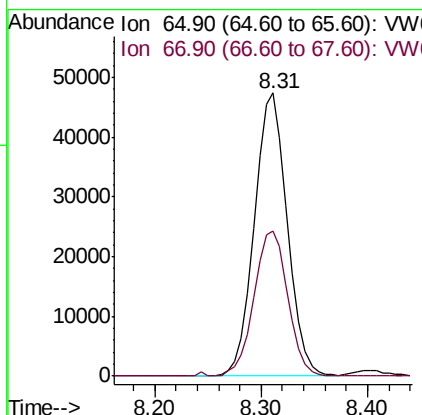
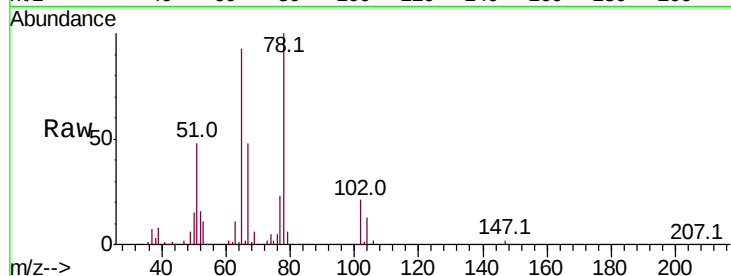




#33
 1,2-Dichloroethane-d4
 Concen: 45.968 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

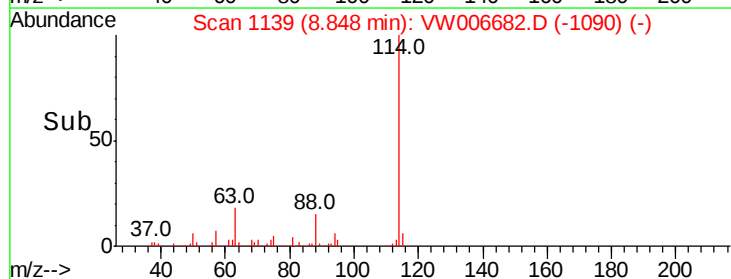
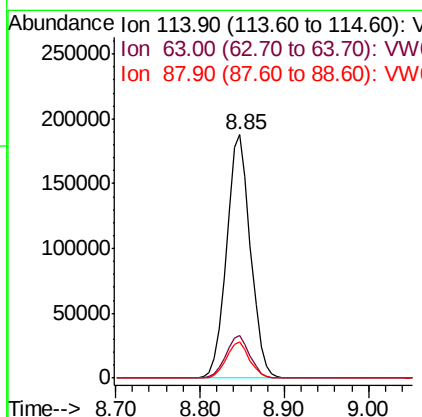
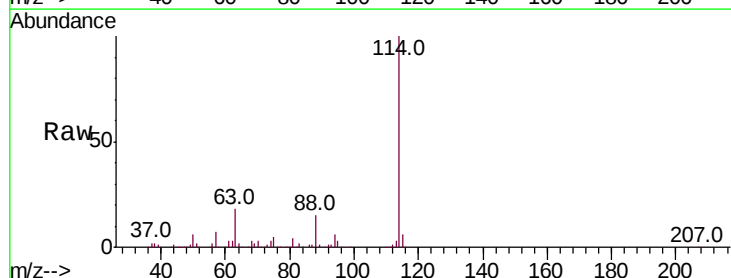
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBSD01

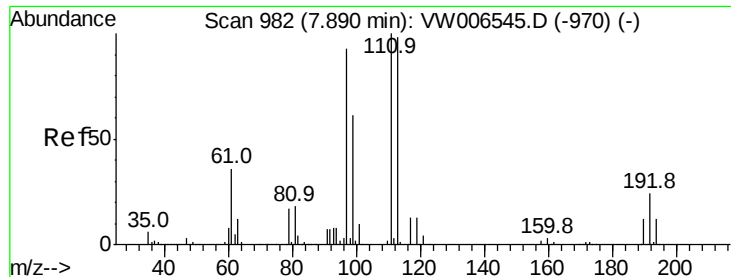
Tot Ion: 65 Resp: 102621
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion: 114 Resp: 360501
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 14.6 0.0 29.0

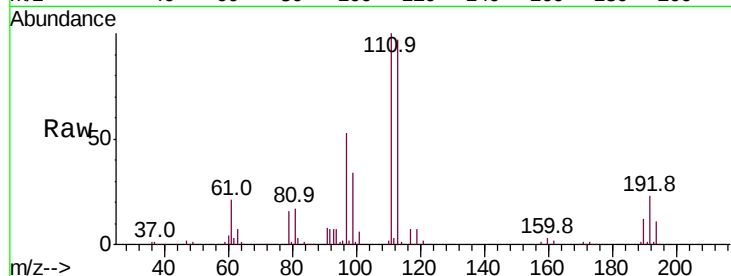




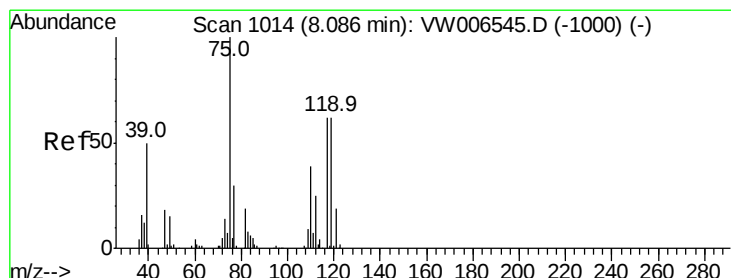
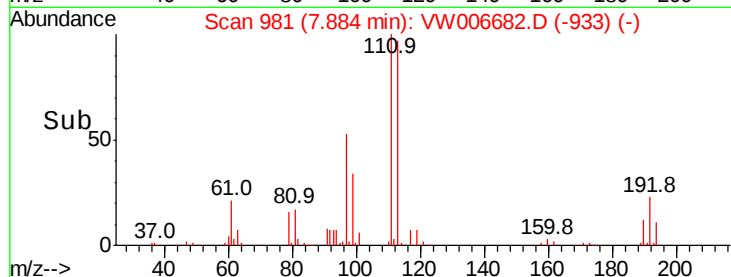
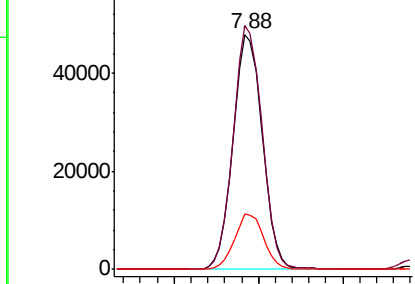
#35
 Dibromofluoromethane
 Concen: 49.885 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion:113 Resp: 112862
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 23.4 19.0 28.6

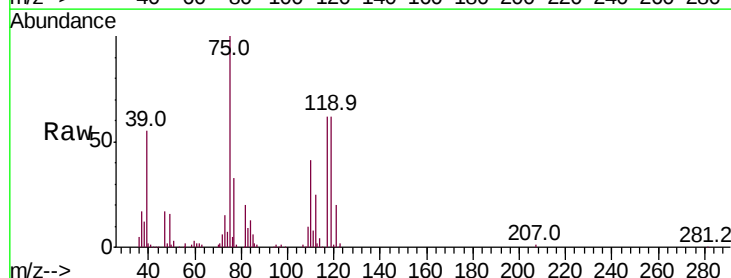


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

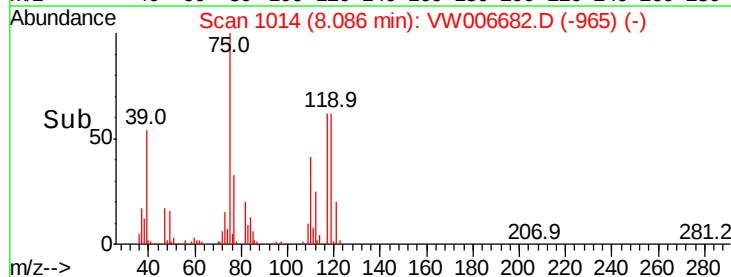
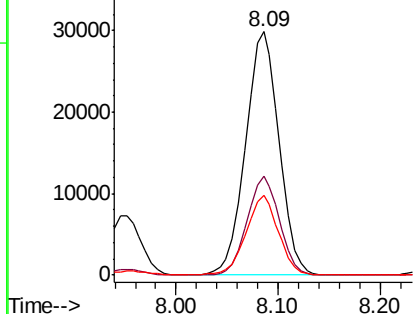


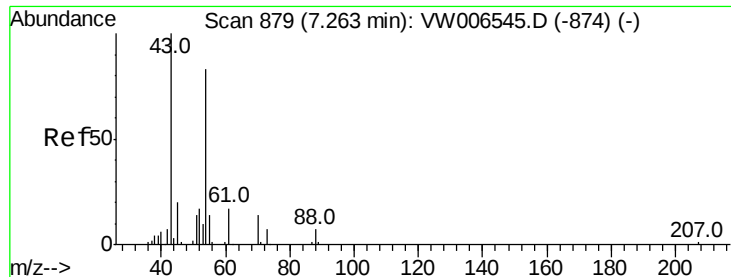
#36
 1,1-Dichloropropene
 Concen: 21.533 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion: 75 Resp: 68264
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.5 58.5
 77 31.8 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

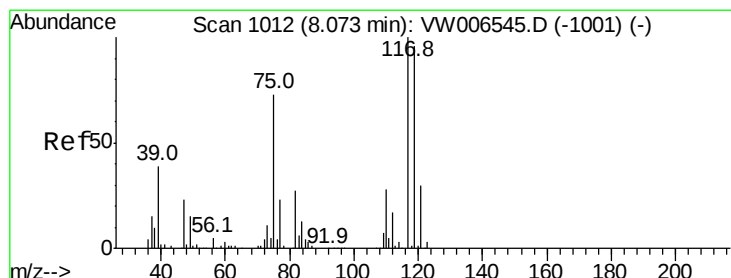
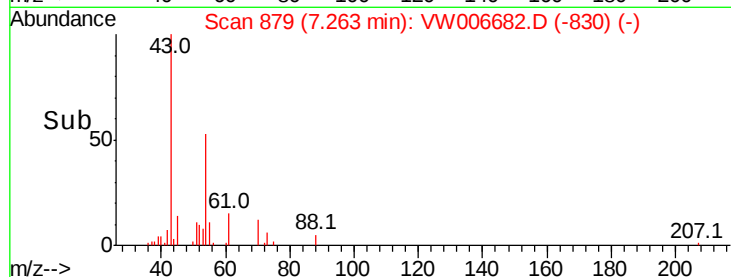
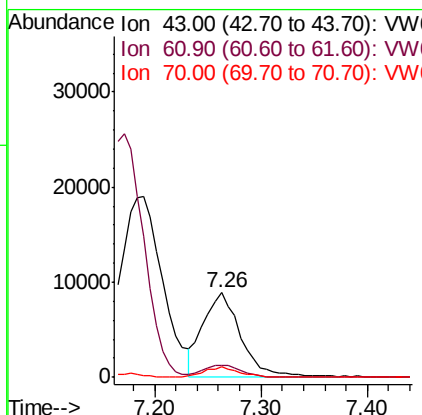
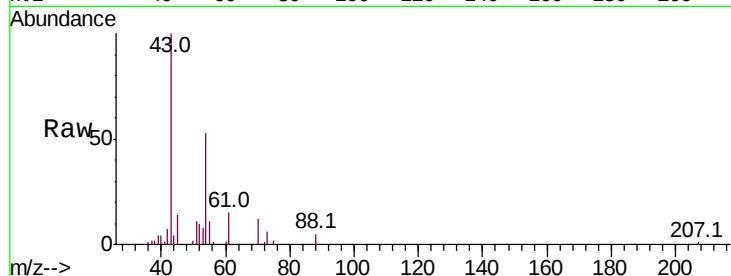




#37
Ethyl Acetate
Concen: 19.469 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

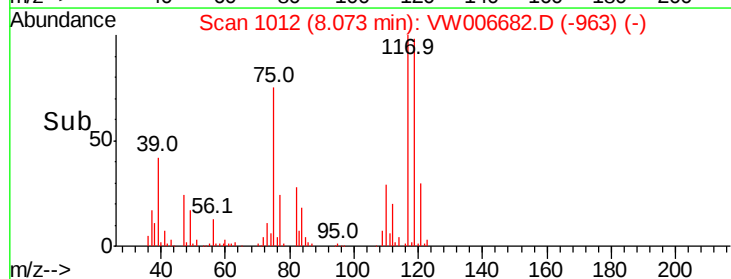
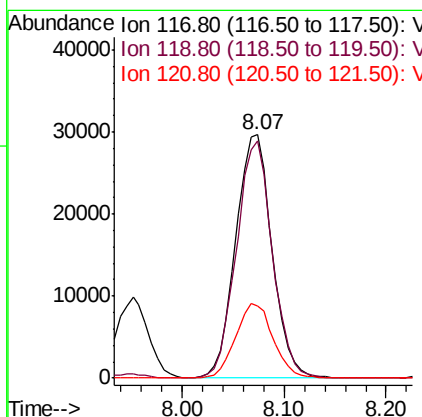
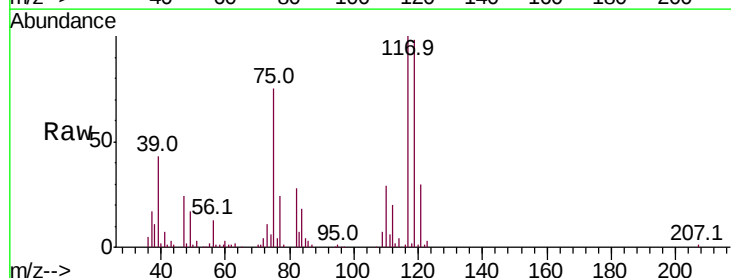
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

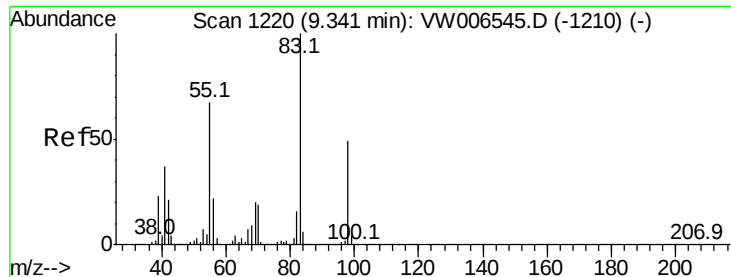
Tot Ion	43	Ratio	Lower	Upper
43	100			
61	15.1	12.1	18.1	
70	11.6	9.8	14.6	



#38
Carbon Tetrachloride
Concen: 22.194 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	97.5	76.3	114.5	
121	29.8	24.1	36.1	

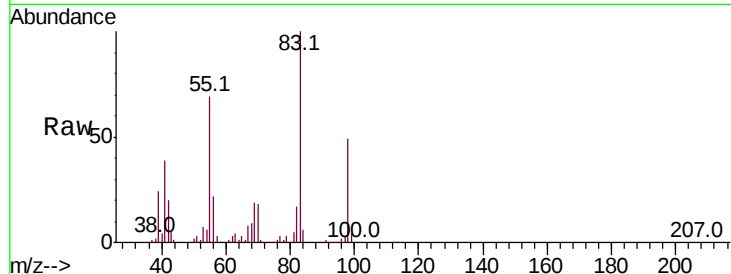




#39
Methvlcvclohexane
Concen: 22.033 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD01

Tot Ion	83	Resp	88643
Ion Ratio	100		
Lower	53.7		
Upper	80.5		
83	68.9	53.7	80.5
98	48.9	39.2	58.8

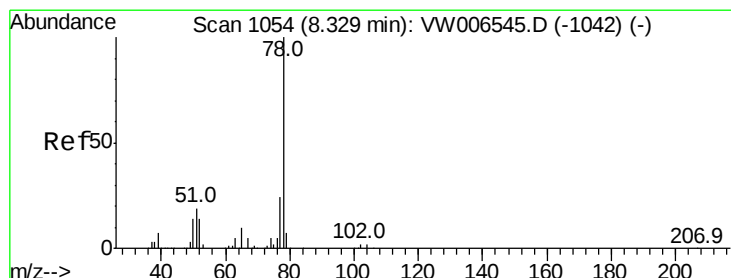
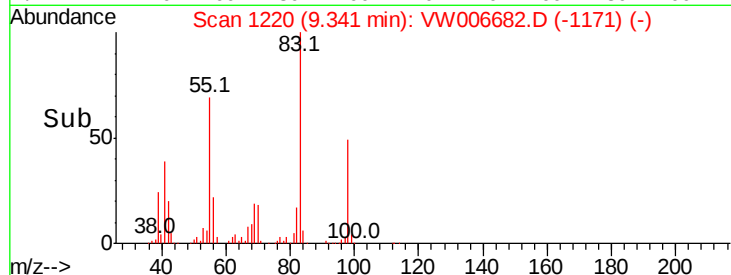
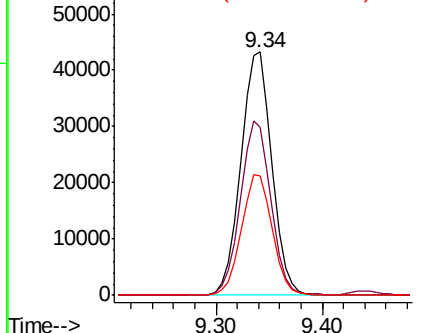


Abundance

Ion 83.00 (82.70 to 83.70): VW

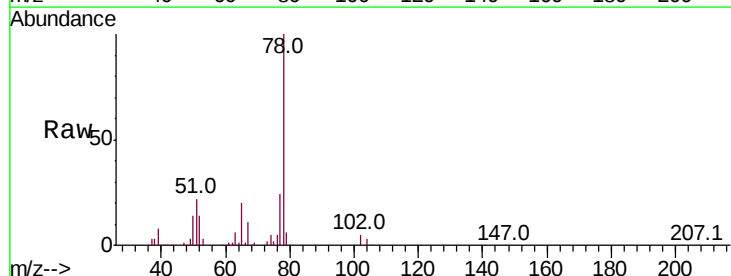
Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40
Benzene
Concen: 21.556 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

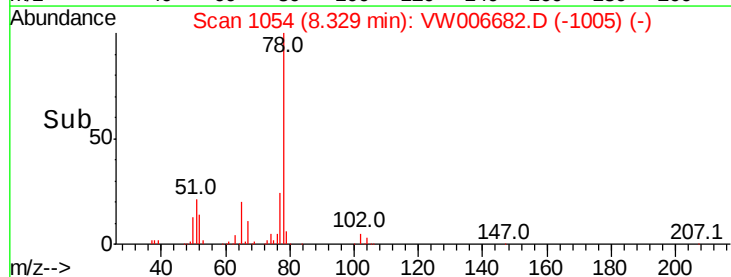
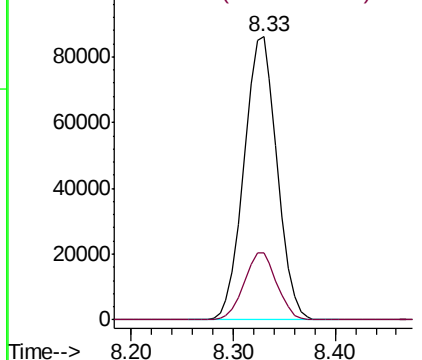
Tgt Ion	78	Resp	194104
Ion Ratio	100		
Lower	19.2		
Upper	28.8		
78	23.8	19.2	28.8
77			

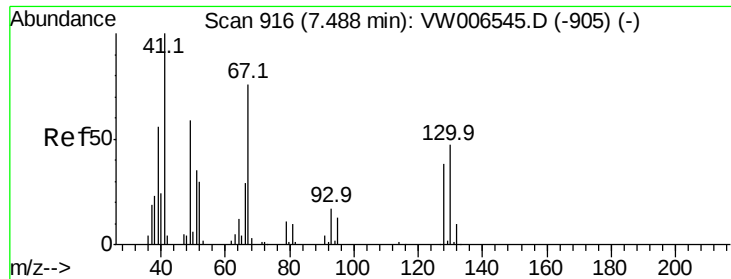


Abundance

Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

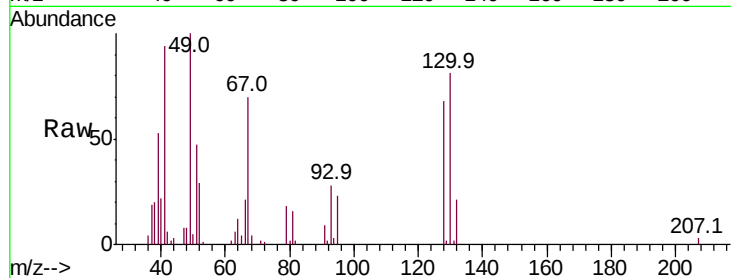




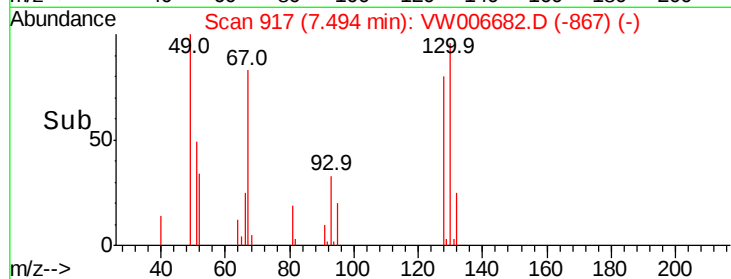
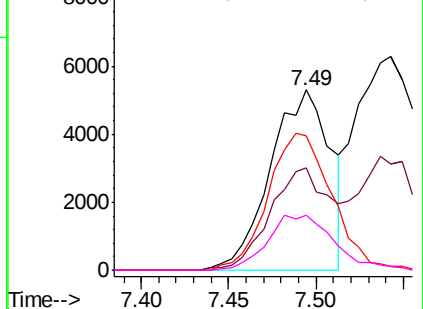
#41
Methacrylonitrile
Concen: 18.847 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion:	41	Resp:	12697
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.5	66.7
67	80.9	63.8	95.8
52	33.8	26.3	39.5

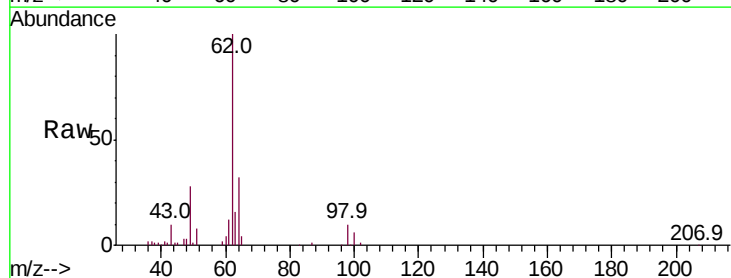
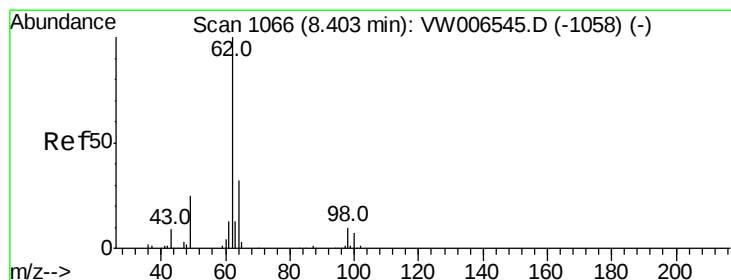


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

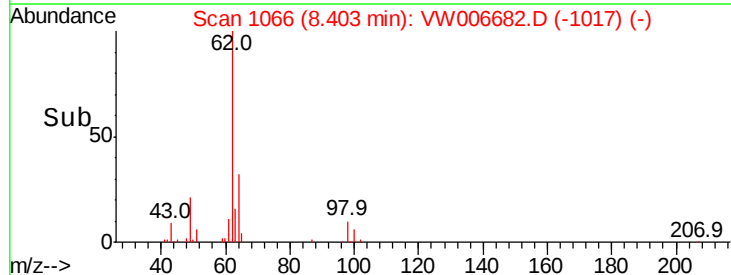
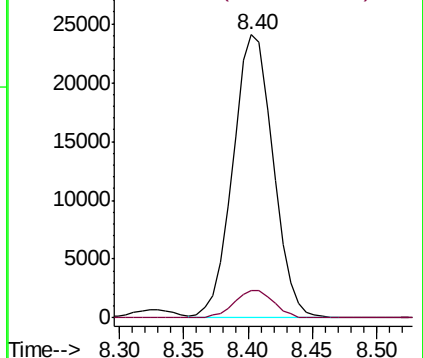


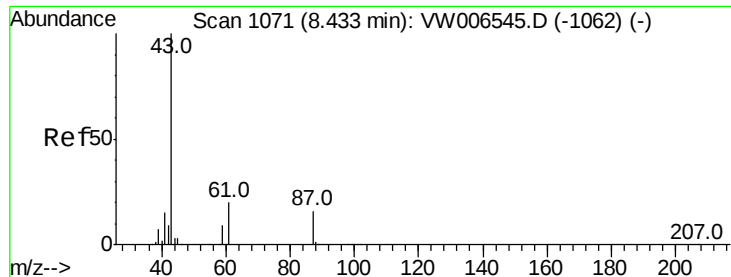
#42
1,2-Dichloroethane
Concen: 20.236 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion:	62	Resp:	52259
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 19.212 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

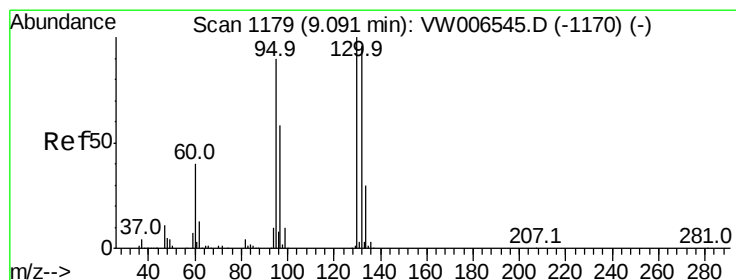
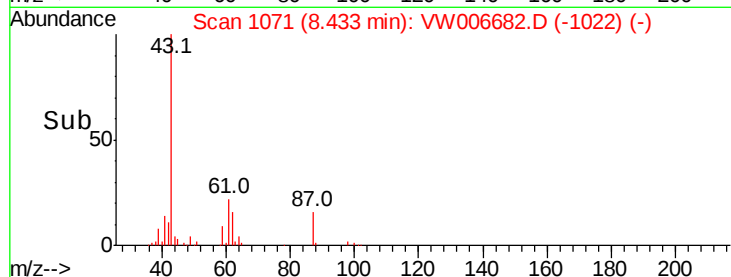
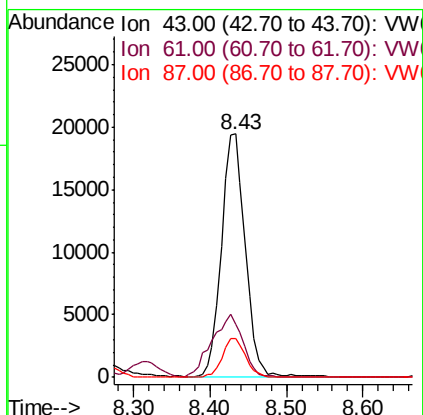
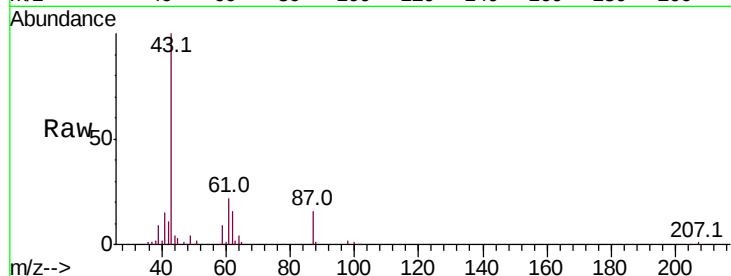
Tot Ion: 43 Resp: 42119

Ion Ratio Lower Upper

43 100

61 33.5 27.2 40.8

87 15.5 12.9 19.3



#44

Trichloroethene

Concen: 21.153 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006682.D

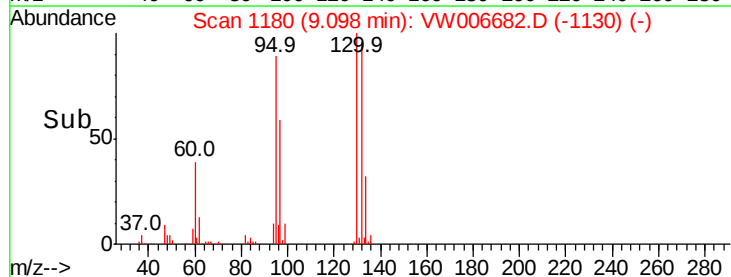
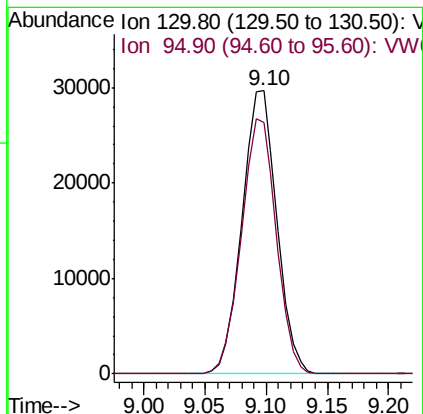
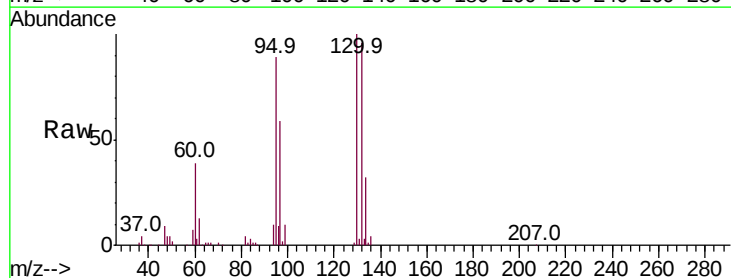
Acq: 06 Nov 2018 13:32

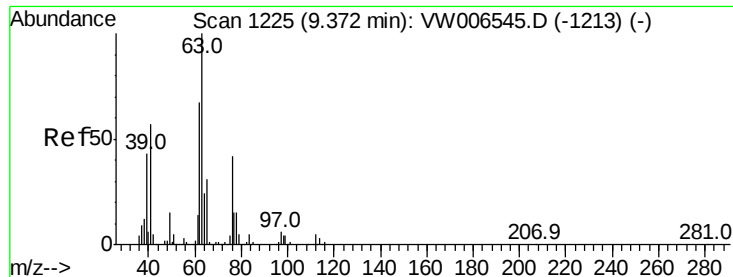
Tgt Ion:130 Resp: 58779

Ion Ratio Lower Upper

130 100

95 88.9 0.0 179.2

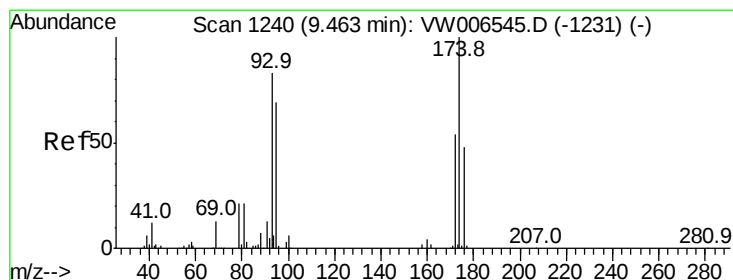
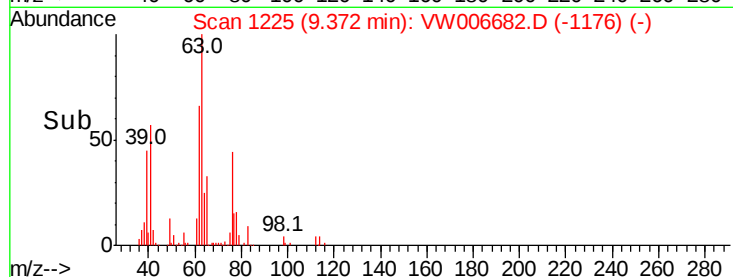
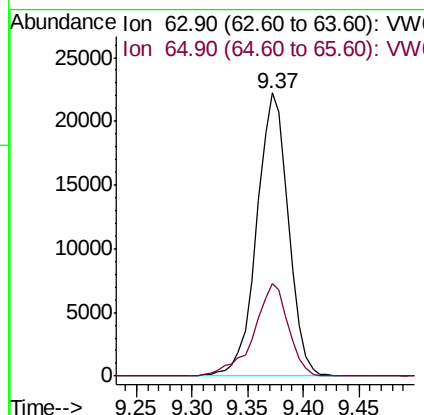
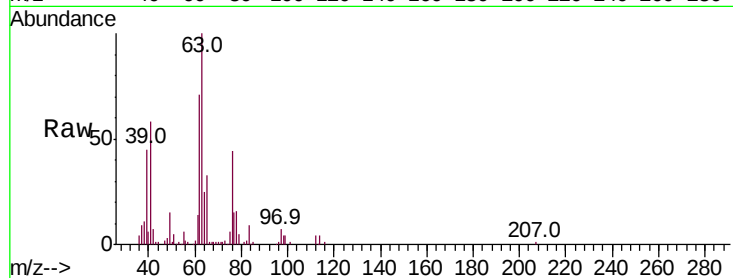




#45
 1,2-Dichloropropane
 Concen: 21.041 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

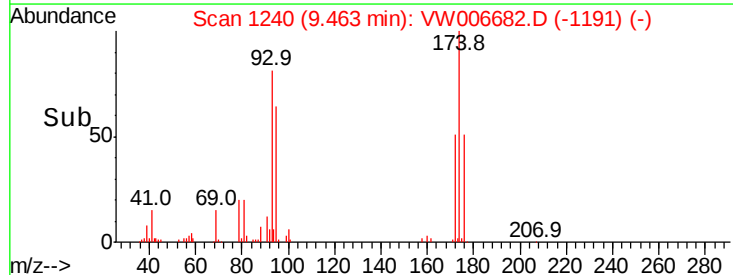
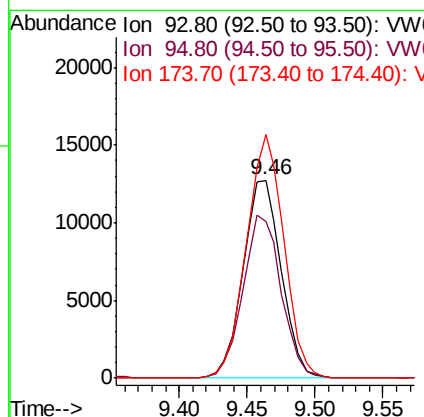
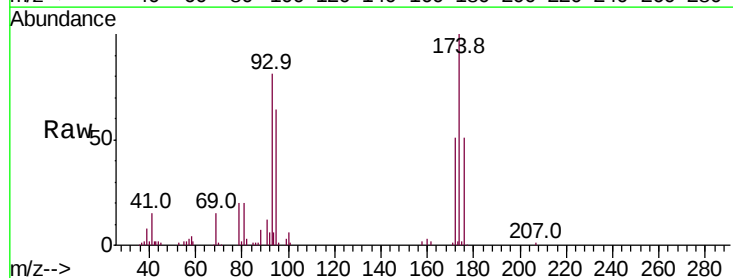
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

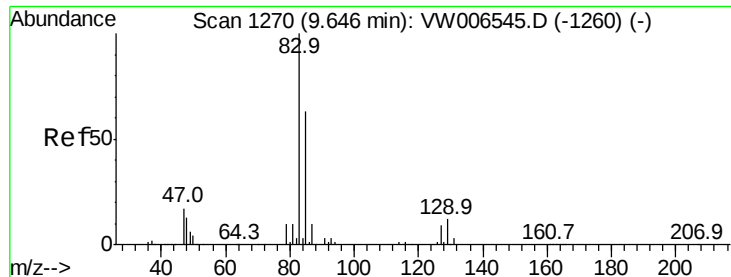
Tot Ion: 63 Resp: 44092
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.1 37.7



#46
 Dibromomethane
 Concen: 20.324 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion: 93 Resp: 25036
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 120.7 97.3 145.9





#47

Bromodichloromethane

Concen: 21.032 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD01

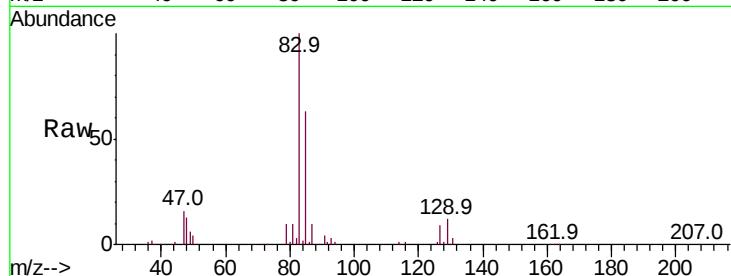
Tot Ion: 83 Resp: 60158

Ion Ratio Lower Upper

83 100

85 62.7 50.6 75.8

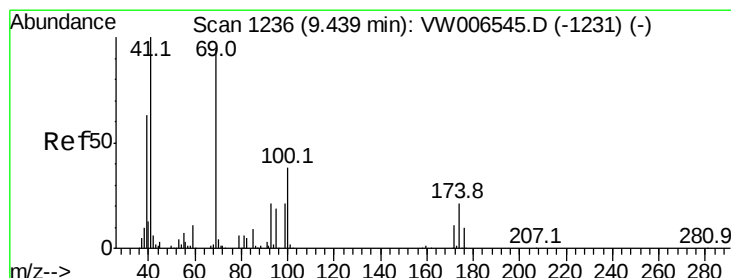
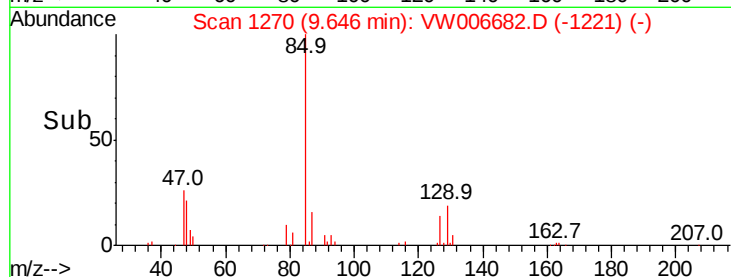
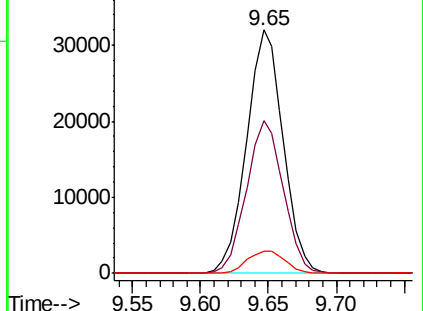
127 9.0 7.5 11.3



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): VW



#48

Methyl methacrylate

Concen: 18.673 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

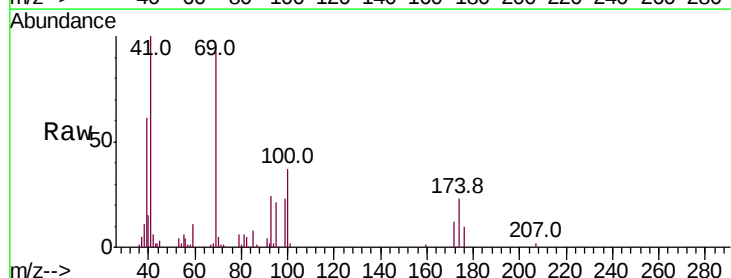
Tgt Ion: 41 Resp: 19723

Ion Ratio Lower Upper

41 100

69 101.6 77.8 116.8

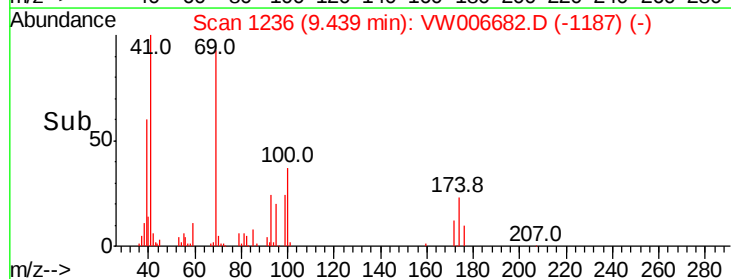
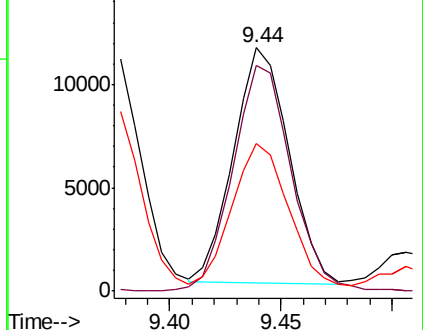
39 61.4 48.7 73.1

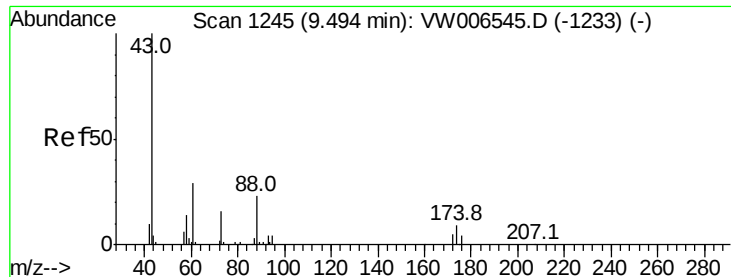


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 378.634 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD01

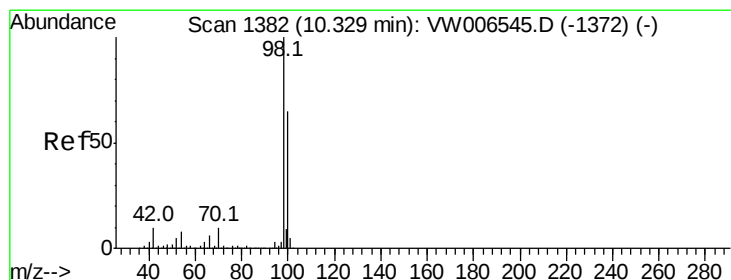
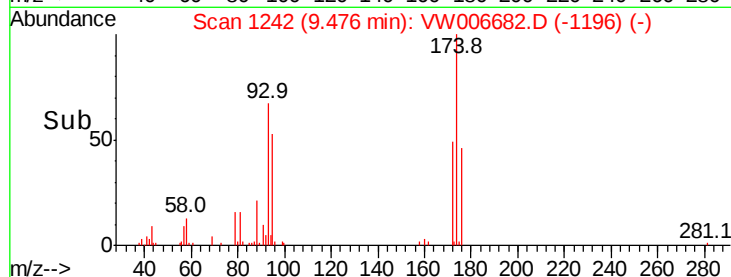
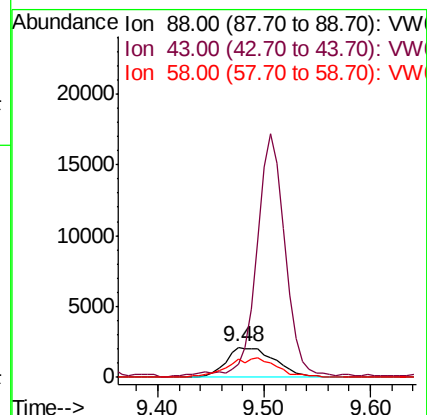
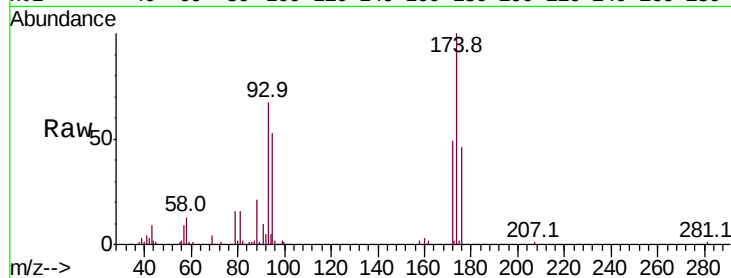
Tot Ion: 88 Resp: 6826

Ion Ratio Lower Upper

88 100

43 0.0 356.6 534.8#

58 0.0 51.4 77.2#



#50

Toluene-d8

Concen: 50.117 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006682.D

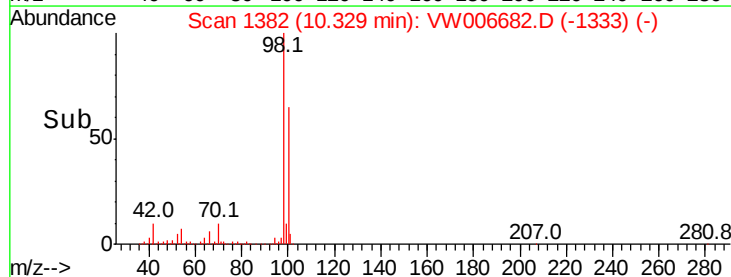
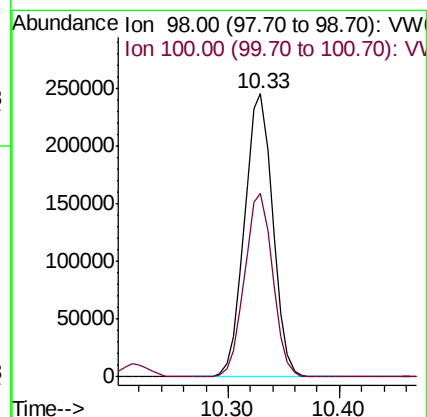
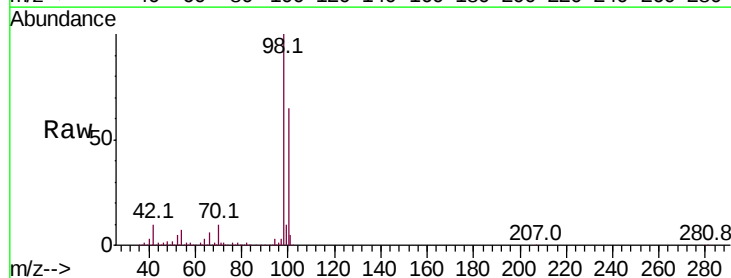
Acq: 06 Nov 2018 13:32

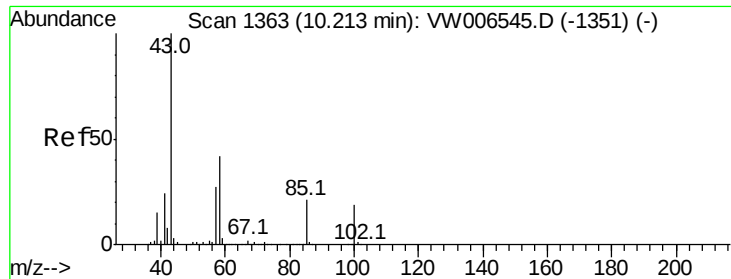
Tgt Ion: 98 Resp: 431645

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 96.535 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

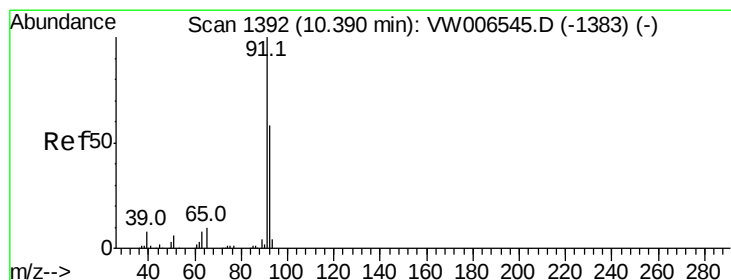
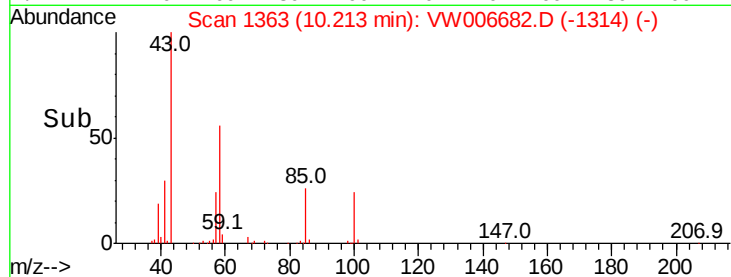
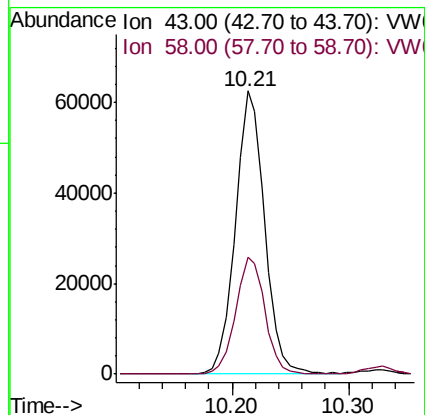
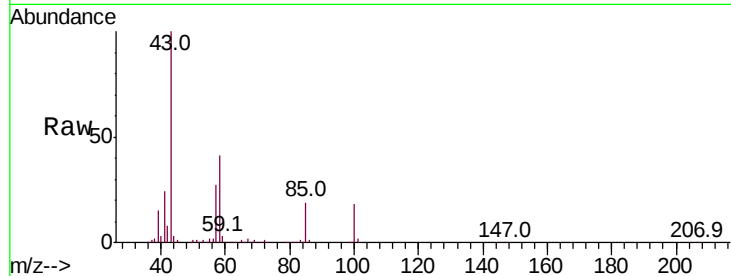
VW1106SBS01

Tot Ion: 43 Resp: 108691

Ion Ratio Lower Upper

43 100

58 41.6 33.4 50.0



#52

Toluene

Concen: 21.035 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006682.D

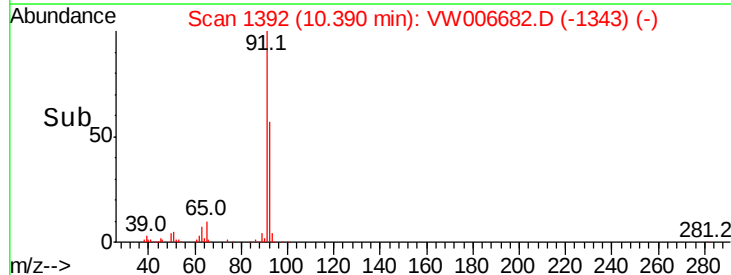
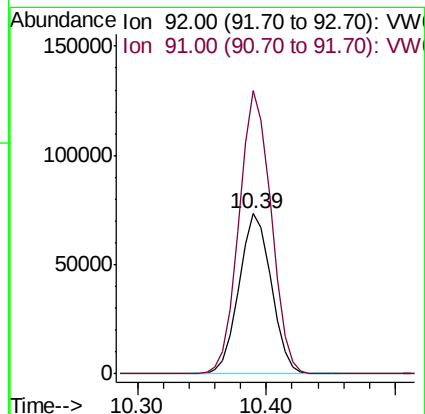
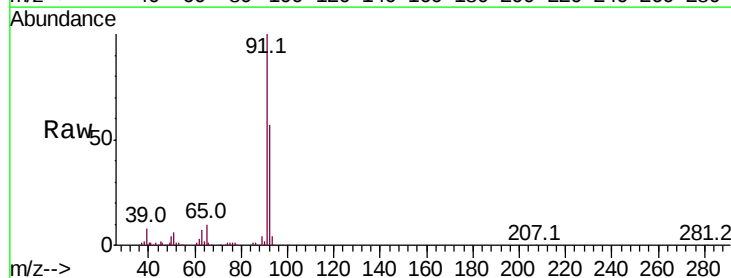
Acq: 06 Nov 2018 13:32

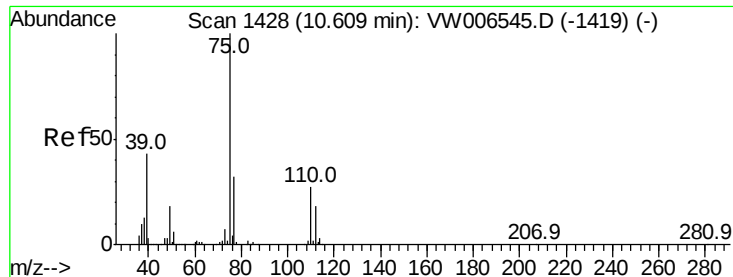
Tgt Ion: 92 Resp: 127046

Ion Ratio Lower Upper

92 100

91 175.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.007 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

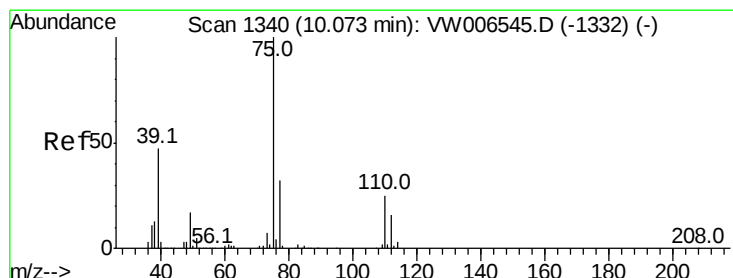
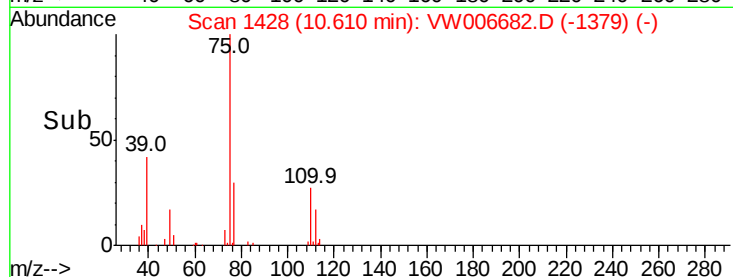
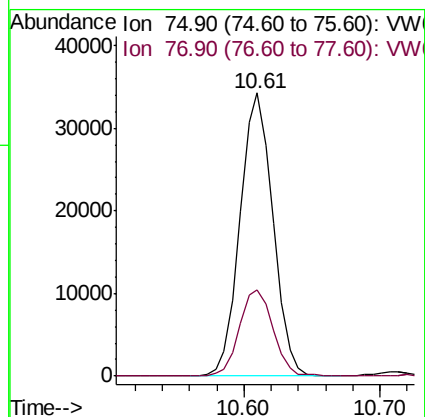
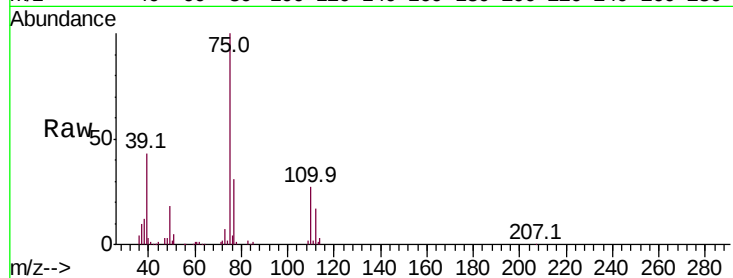
VW1106SBSD01

Tot Ion: 75 Resp: 57827

Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.703 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

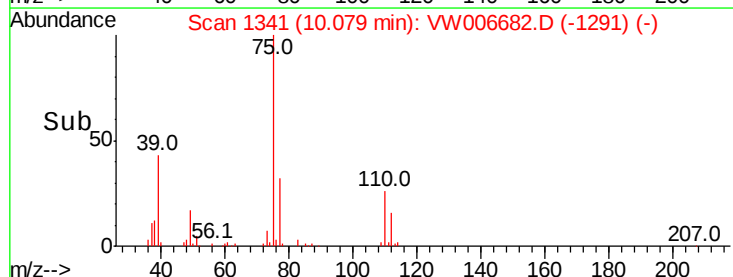
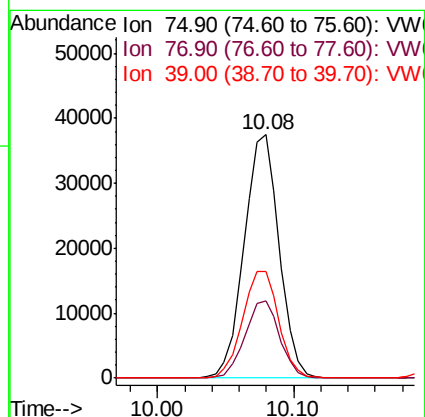
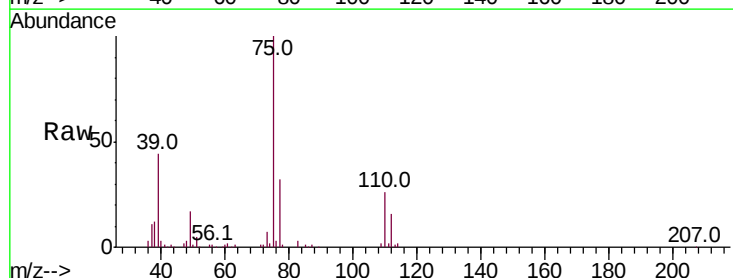
Tgt Ion: 75 Resp: 67346

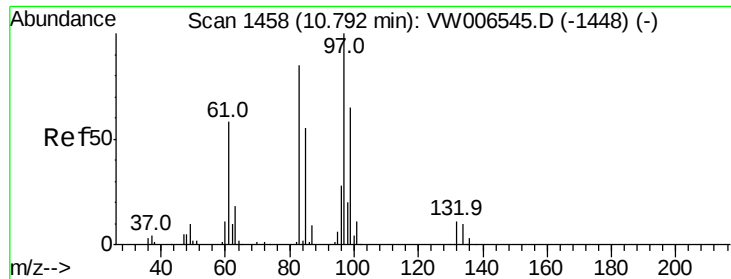
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 43.9 37.3 55.9

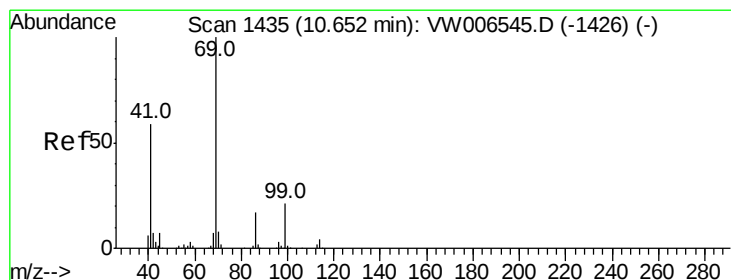
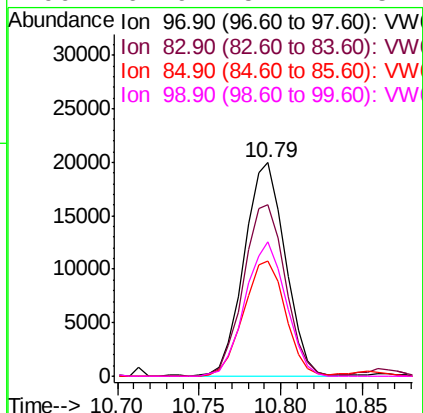
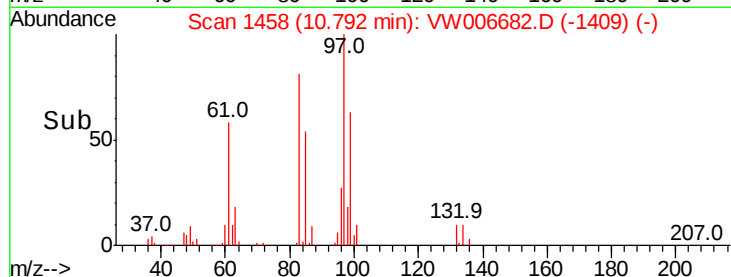
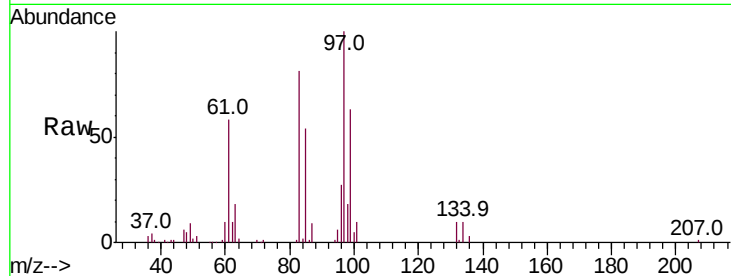




#55
 1,1,2-Trichloroethane
 Concen: 20.122 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

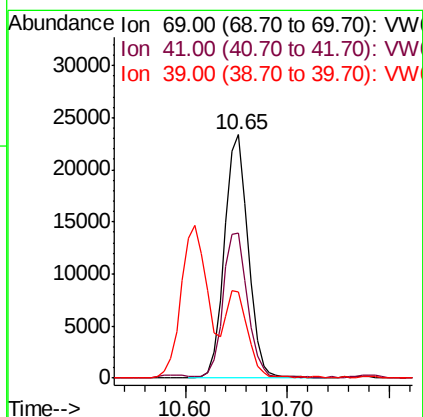
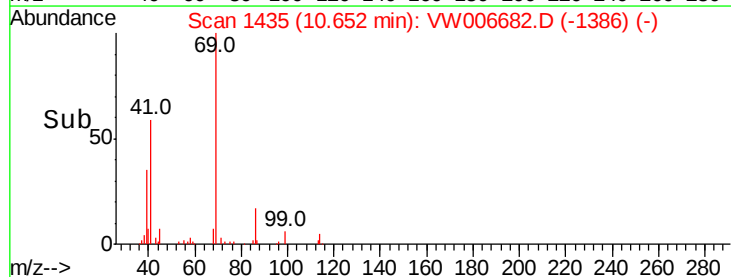
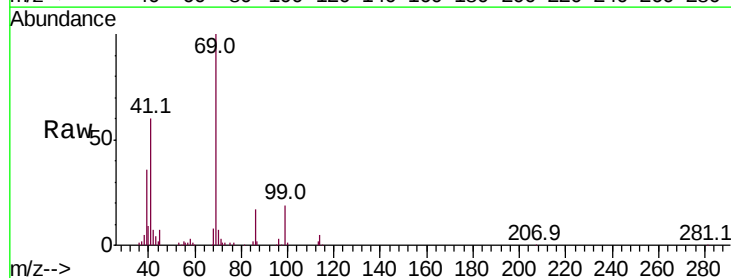
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

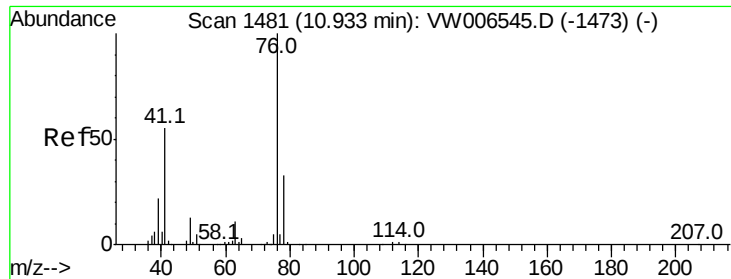
Tot Ion:	97	Resp:	35169
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.9	101.9
85	53.8	44.0	66.0
99	62.9	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 18.997 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion:	69	Resp:	37740
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.4	71.2
39	32.2	25.3	37.9





#57

1,3-Dichloropropane

Concen: 20.094 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

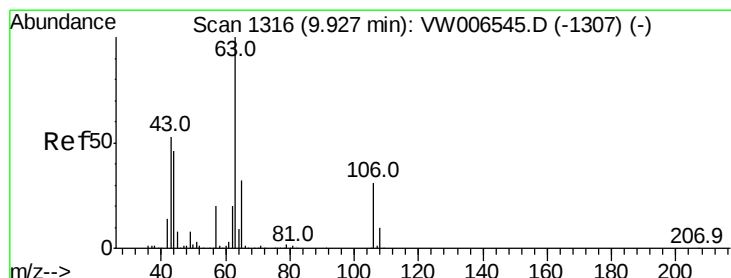
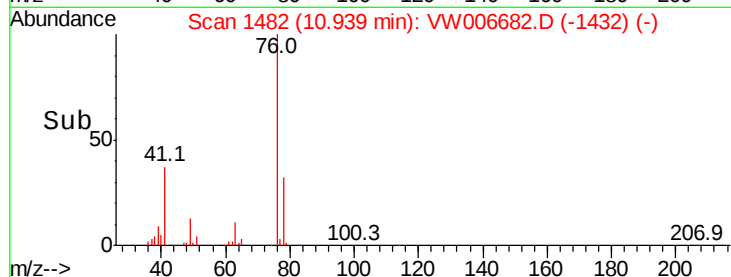
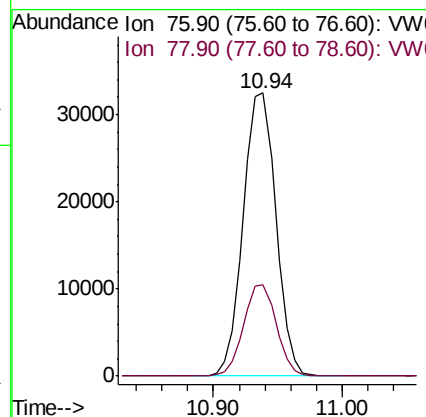
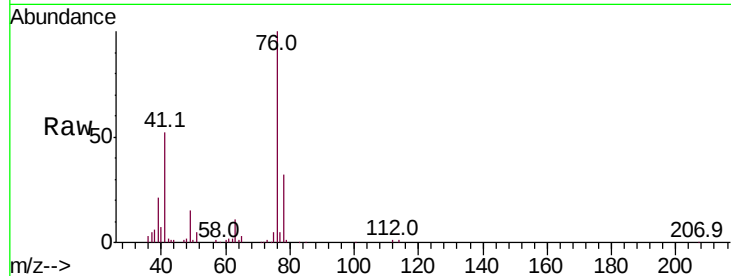
Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD01

Tot Ion: 76 Resp: 57030

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.030 ug/l

RT: 9.93 min Scan# 1316

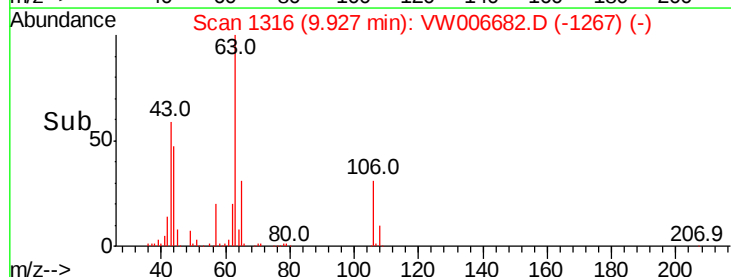
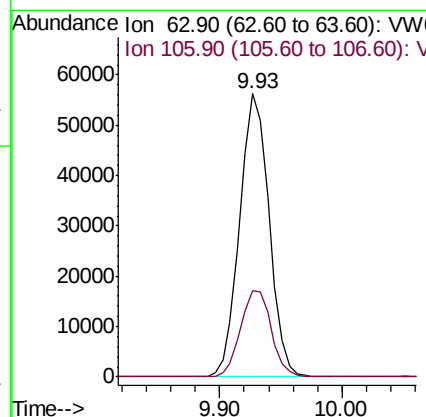
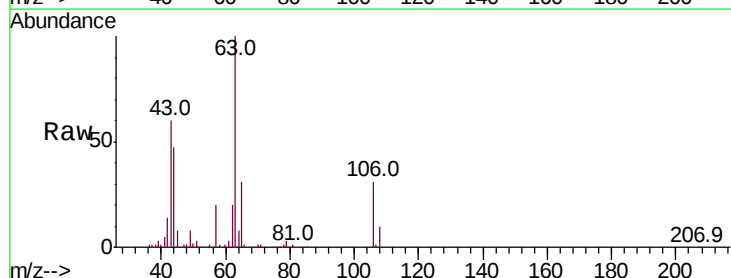
Delta R.T. 0.00 min

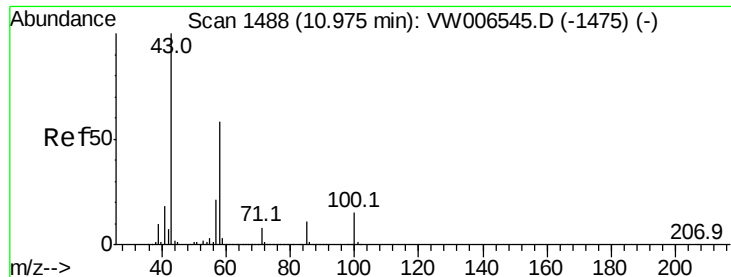
Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion: 63 Resp: 93701

Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.4	38.2

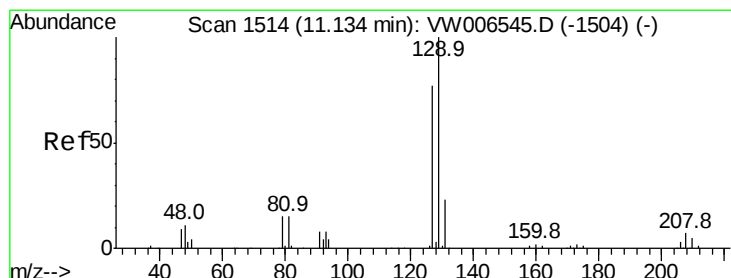
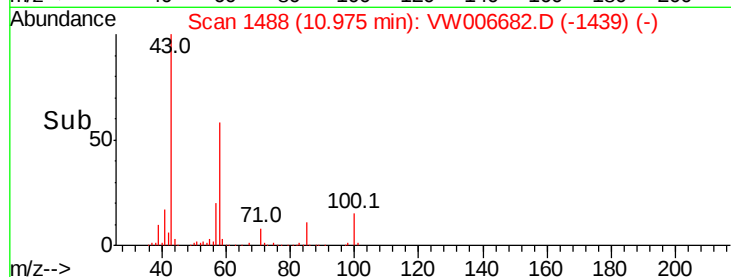
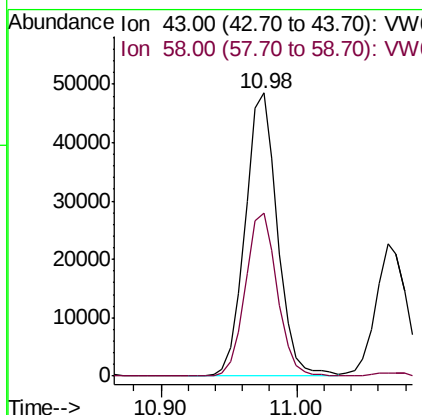
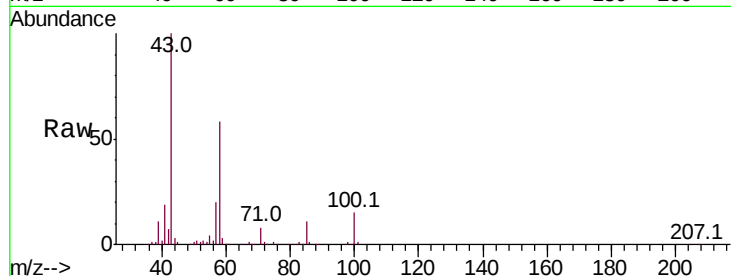




#59
2-Hexanone
Concen: 105.017 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

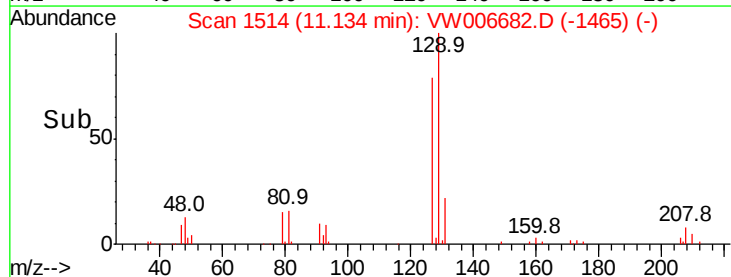
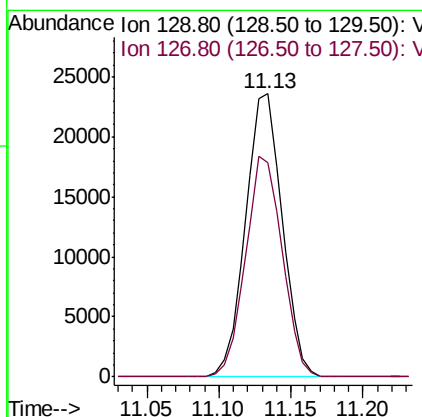
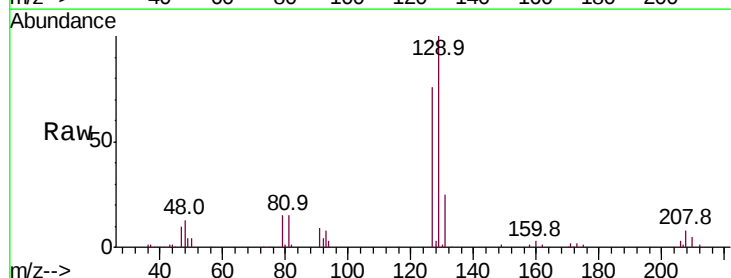
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

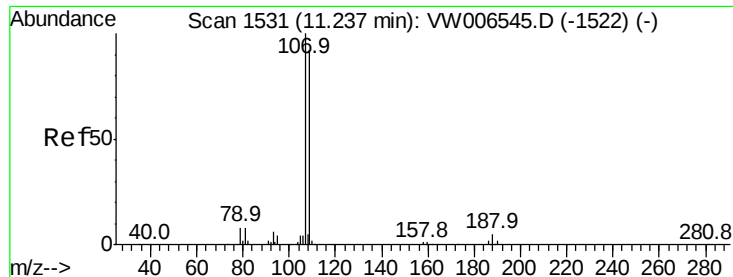
Tot Ion: 43 Resp: 80309
Ion Ratio Lower Upper
43 100
58 57.2 28.8 86.4



#60
Dibromochloromethane
Concen: 20.065 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion: 129 Resp: 41552
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.708 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

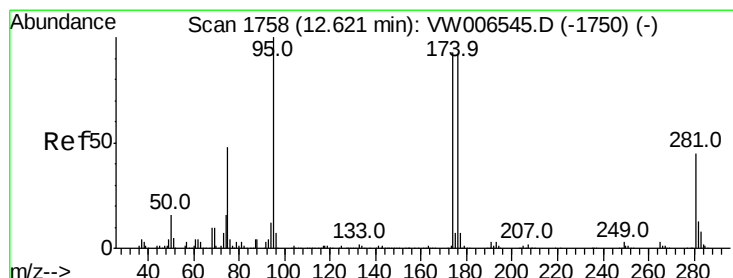
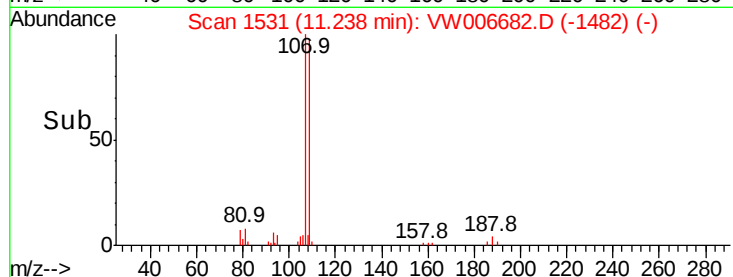
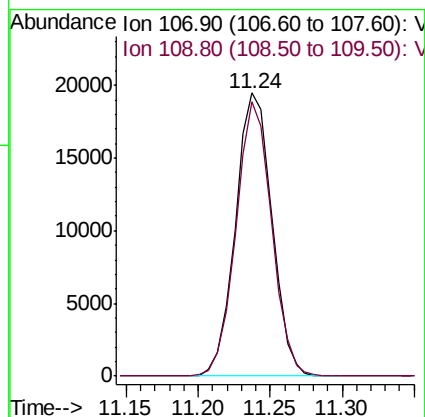
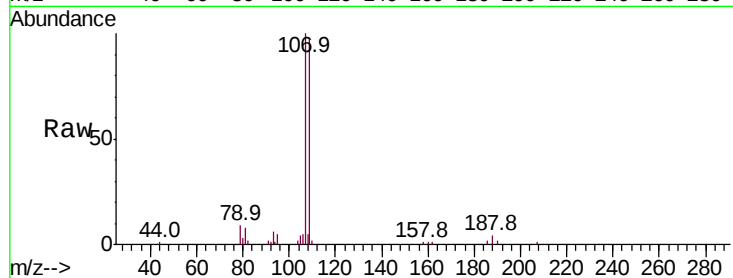
VW1106SBSD01

Tot Ion:107 Resp: 34207

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 48.918 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

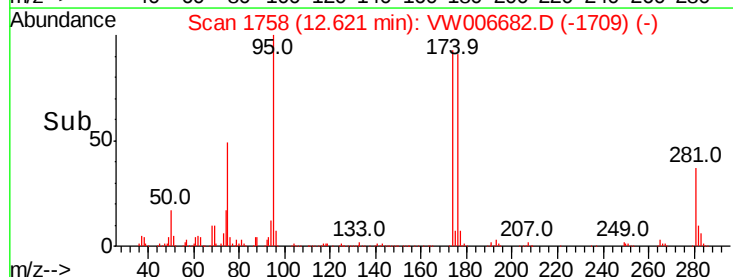
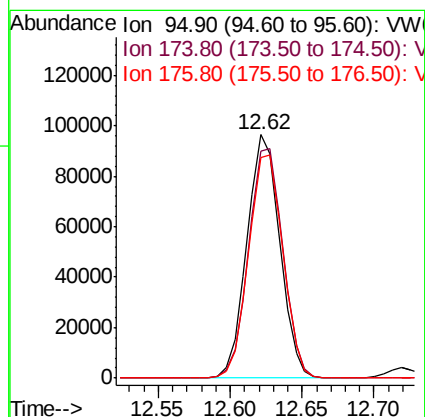
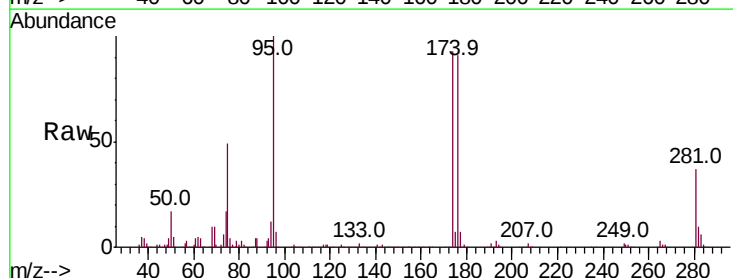
Tgt Ion: 95 Resp: 152742

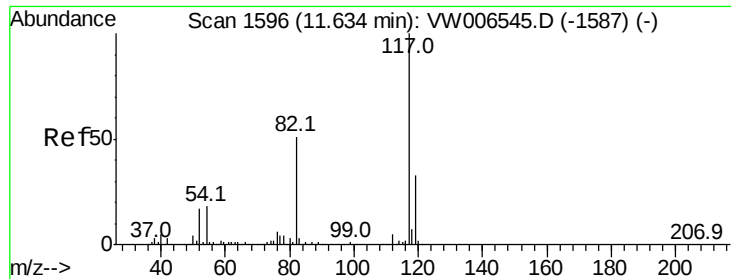
Ion Ratio Lower Upper

95 100

174 97.9 0.0 192.4

176 95.3 0.0 187.4

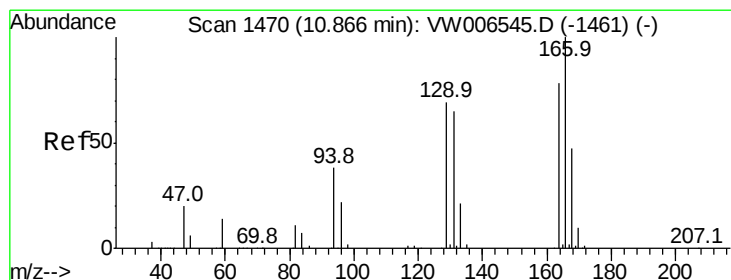
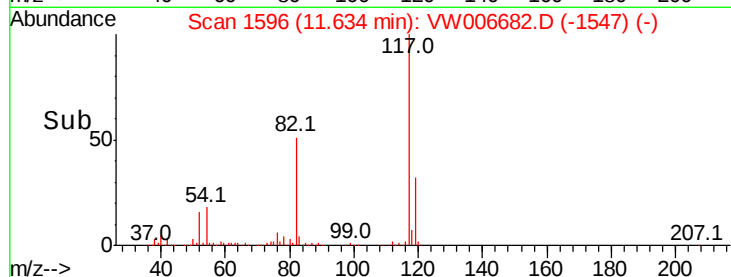
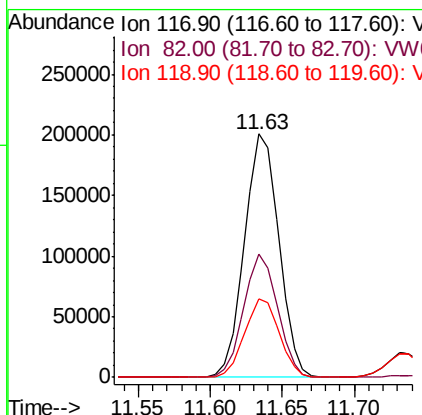
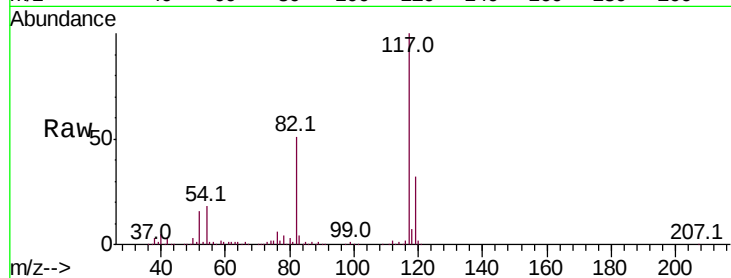




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

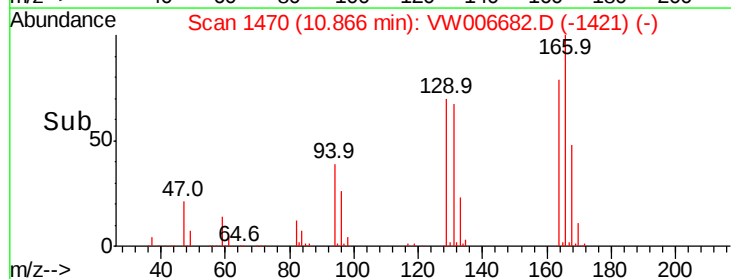
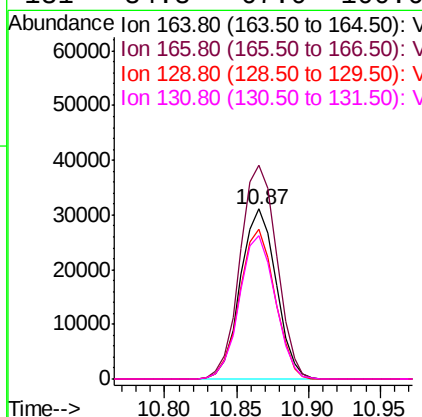
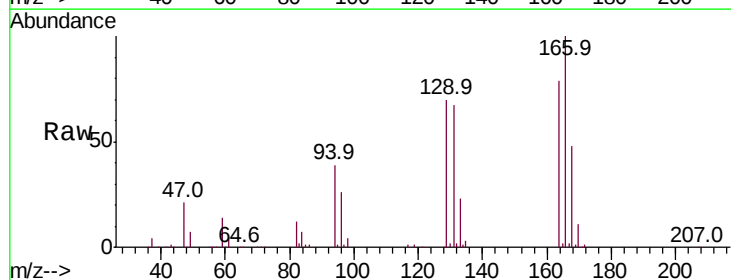
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD01

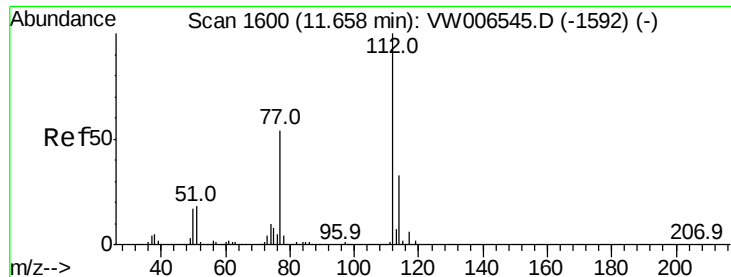
Tot Ion:117 Resp: 331715
Ion Ratio Lower Upper
117 100
82 50.5 40.8 61.2
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 20.219 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion:164 Resp: 53463
Ion Ratio Lower Upper
164 100
166 125.8 102.8 154.2
129 88.2 70.9 106.3
131 84.8 67.0 100.6

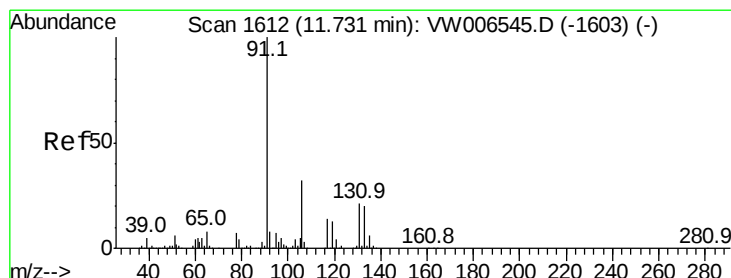
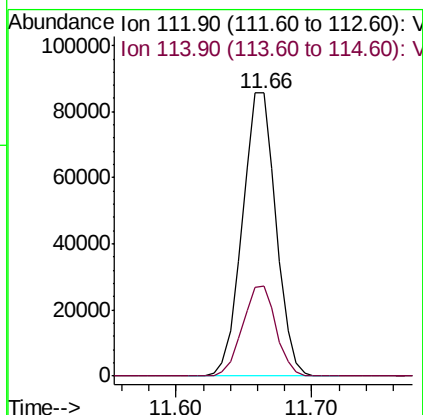
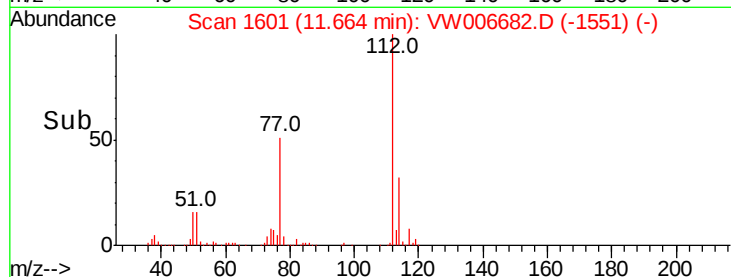
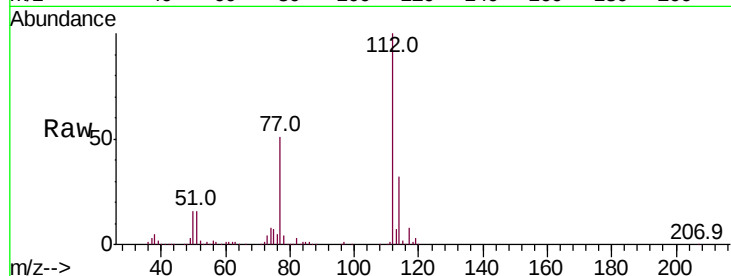




#65
Chlorobenzene
Concen: 21.222 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

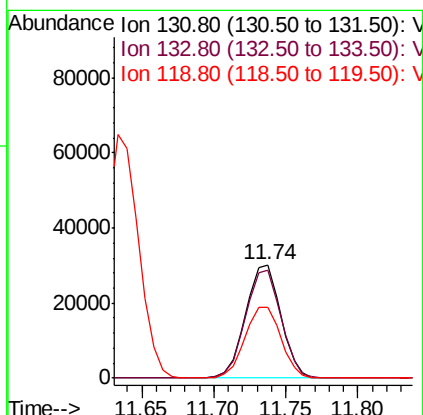
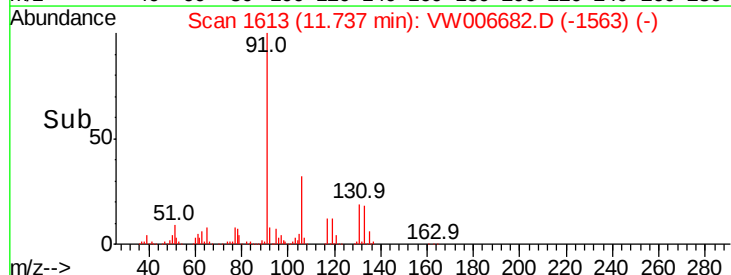
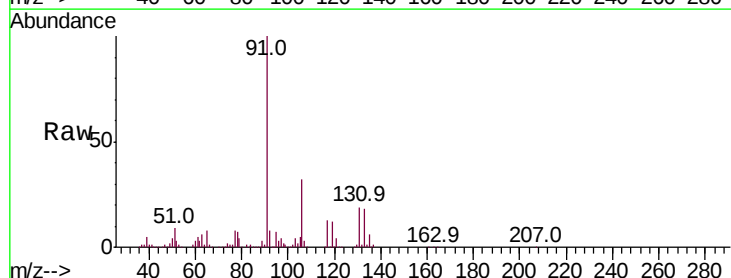
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

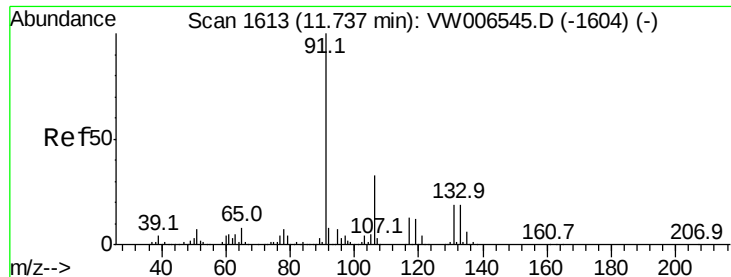
Tot Ion:112 Resp: 148138
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.752 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion:131 Resp: 50914
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 64.6 31.9 95.5

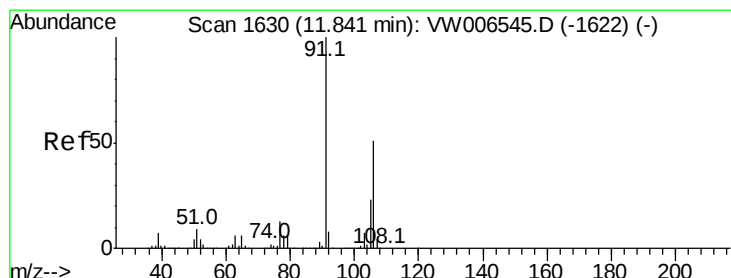
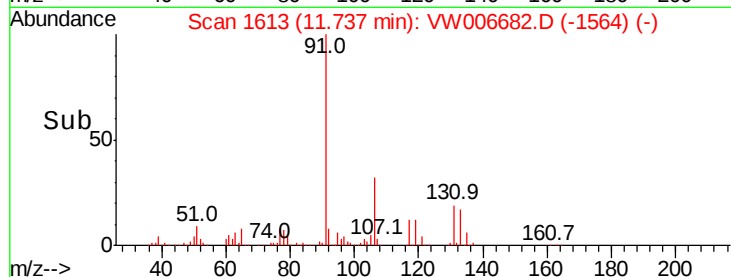
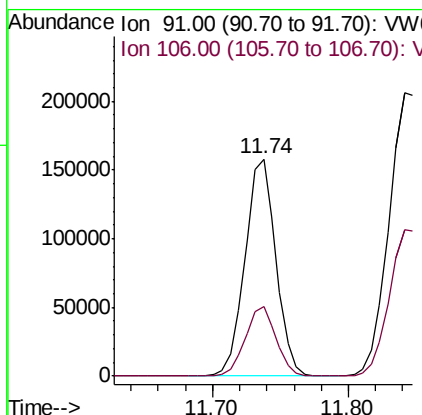
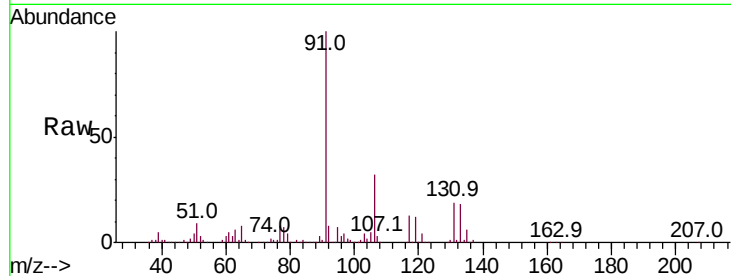




#67
Ethyl Benzene
Concen: 21.483 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

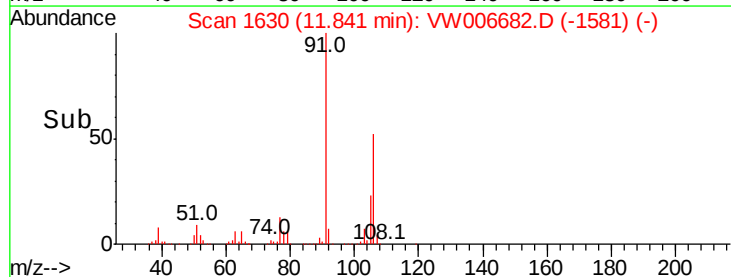
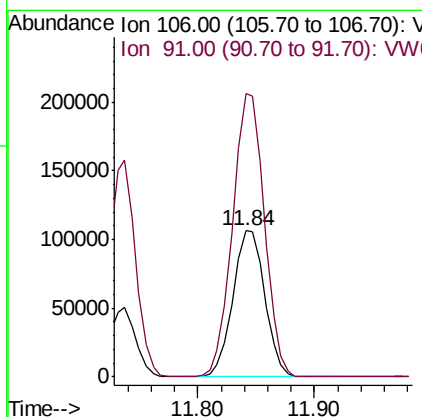
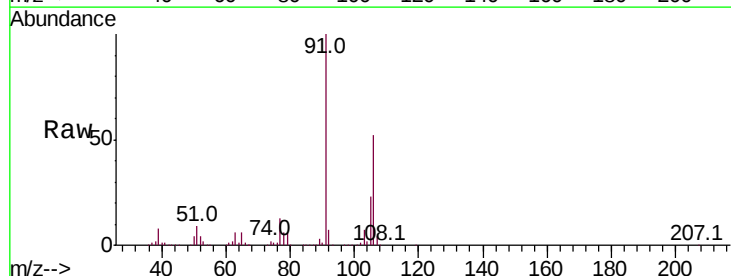
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

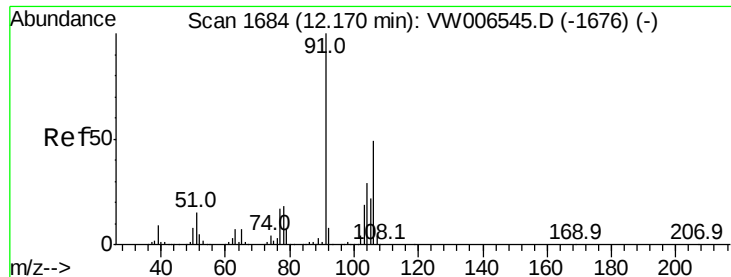
Tot Ion: 91 Resp: 250650
Ion Ratio Lower Upper
91 100
106 32.0 26.3 39.5



#68
m/p-Xylenes
Concen: 43.529 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion: 106 Resp: 202902
Ion Ratio Lower Upper
106 100
91 193.4 156.7 235.1

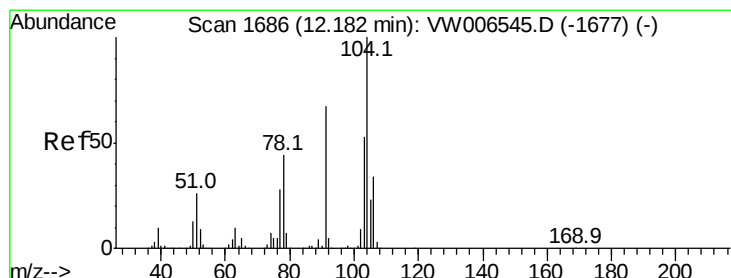
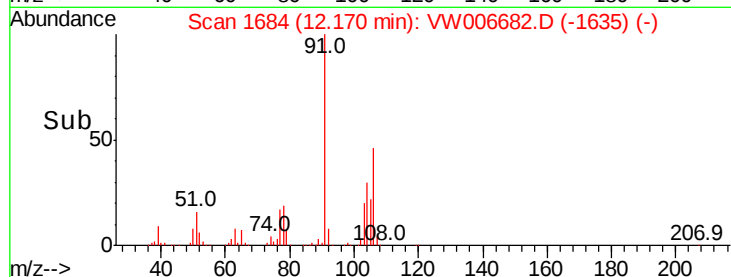
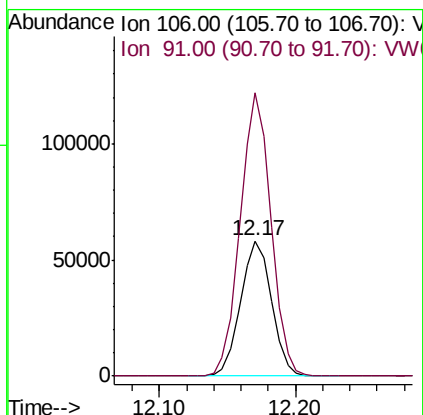
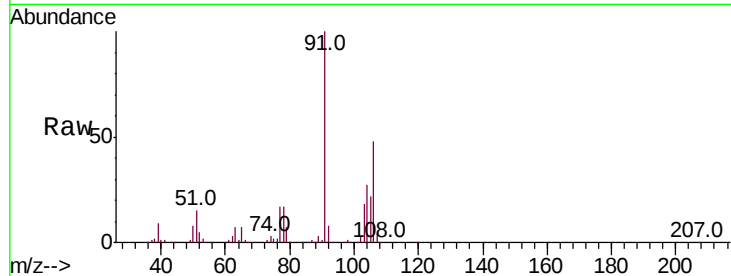




#69
o-Xylene
Concen: 20.872 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

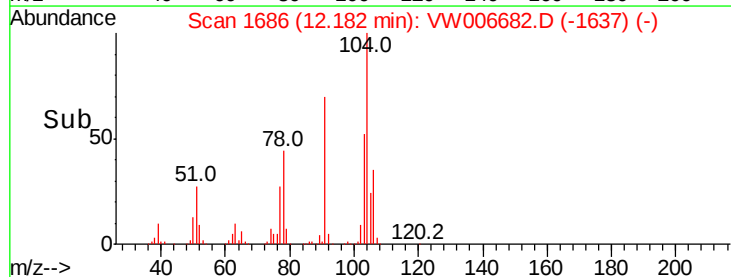
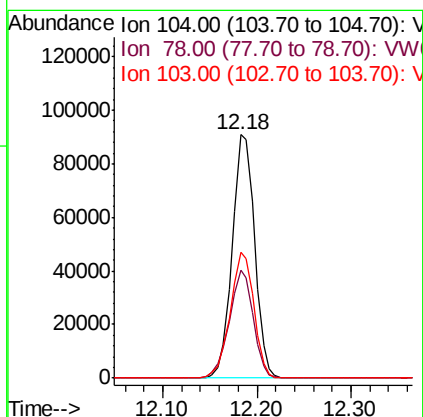
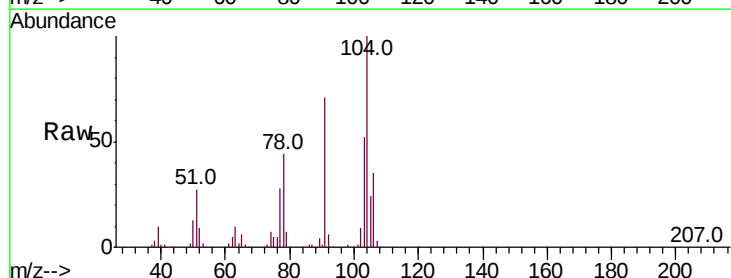
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

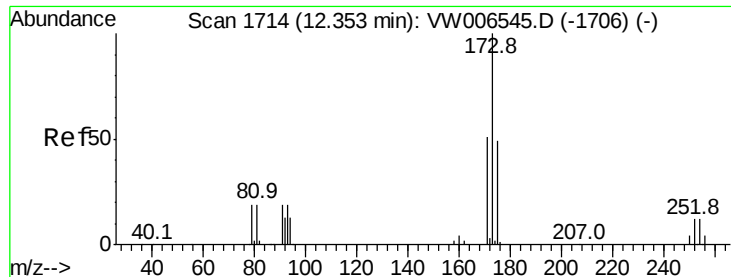
Tot Ion:106 Resp: 92622
Ion Ratio Lower Upper
106 100
91 207.6 102.8 308.4



#70
Styrene
Concen: 20.767 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion:104 Resp: 150250
Ion Ratio Lower Upper
104 100
78 47.0 37.2 55.8
103 54.7 44.2 66.2





#71

Bromoform

Concen: 19.921 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD01

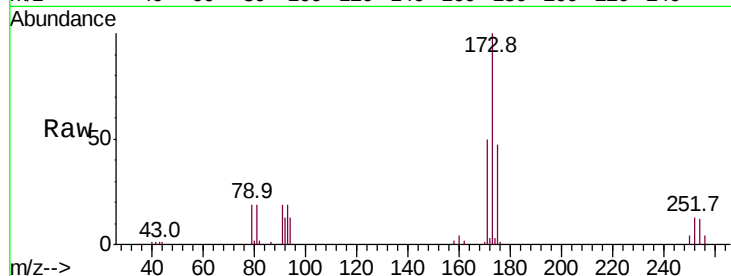
Tot Ion:173 Resp: 25908

Ion Ratio Lower Upper

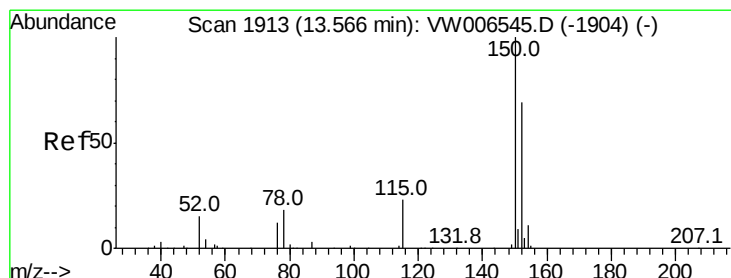
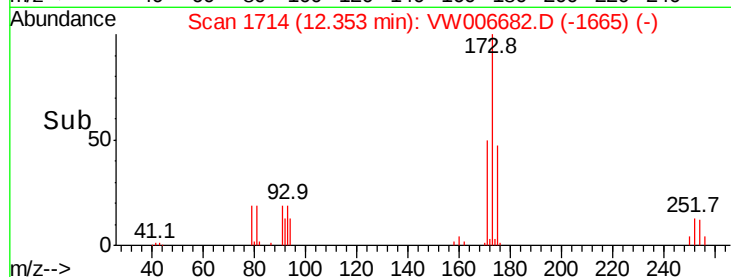
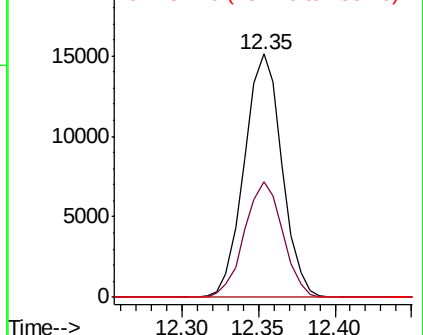
173 100

175 48.3 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: VW006682.D

Acq: 06 Nov 2018 13:32

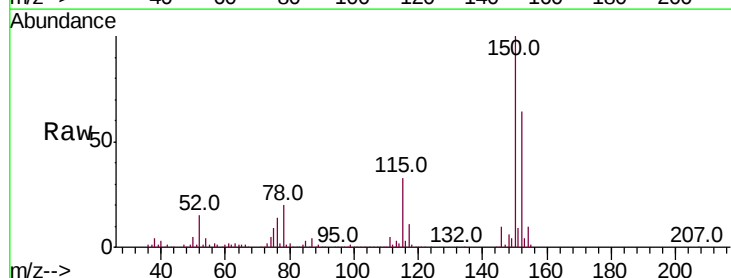
Tgt Ion:152 Resp: 189263

Ion Ratio Lower Upper

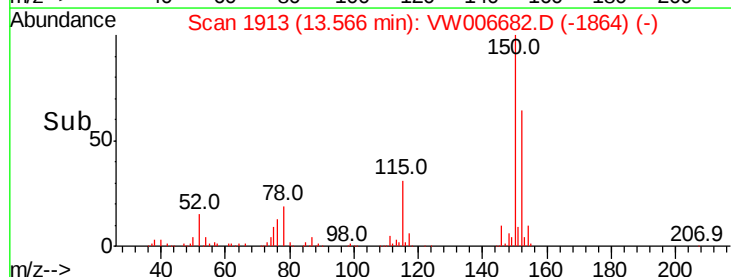
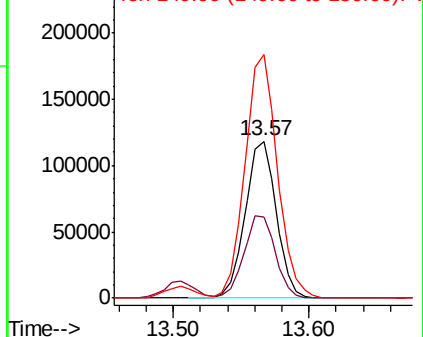
152 100

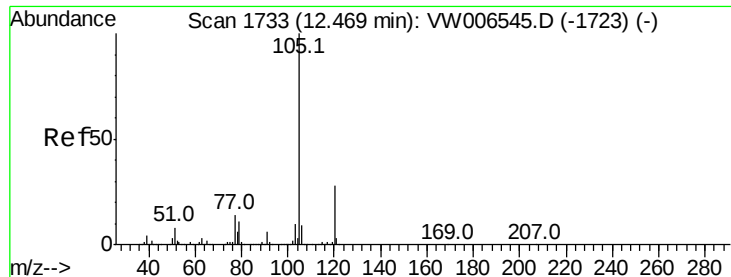
115 53.2 26.6 79.8

150 161.8 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: 20.963 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

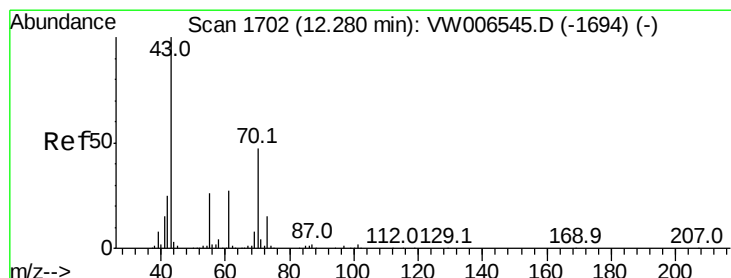
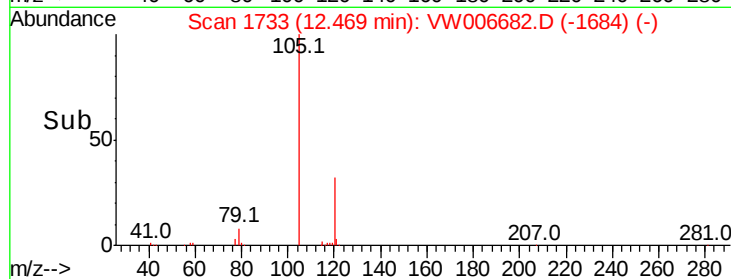
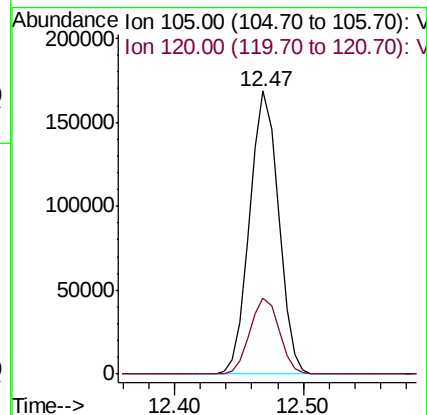
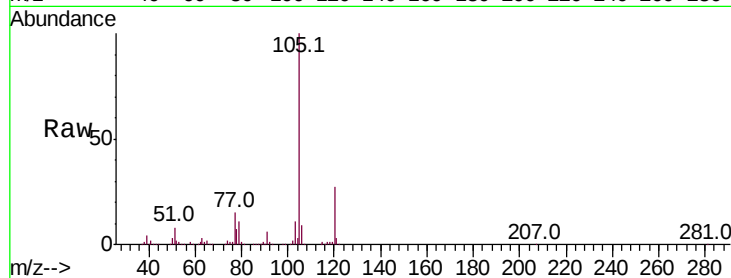
VW1106SBSD01

Tot Ion:105 Resp: 261355

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 18.691 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion: 43 Resp: 40268

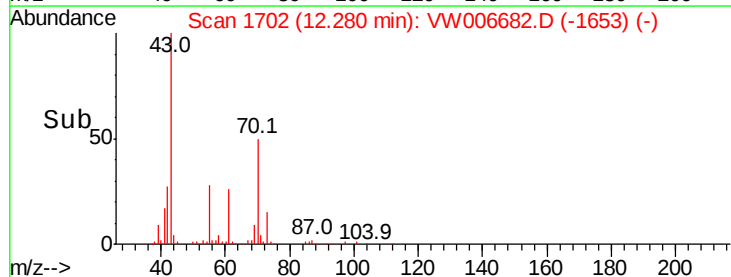
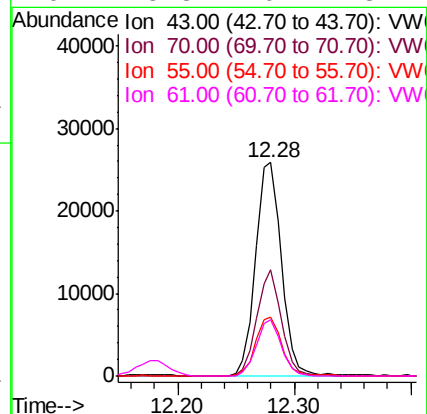
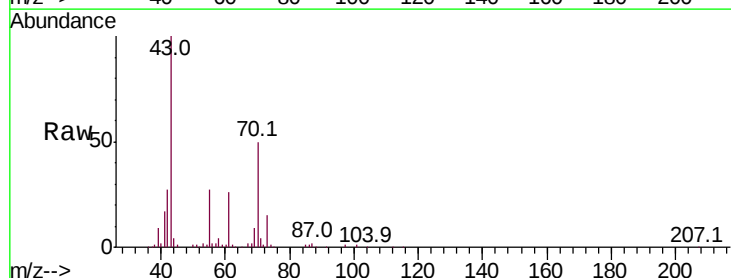
Ion Ratio Lower Upper

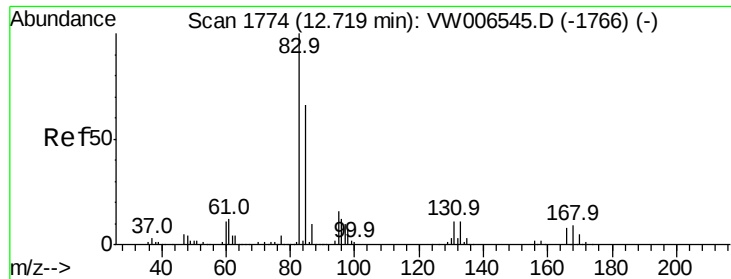
43 100

70 46.8 36.9 55.3

55 28.0 20.7 31.1

61 25.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.841 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD01

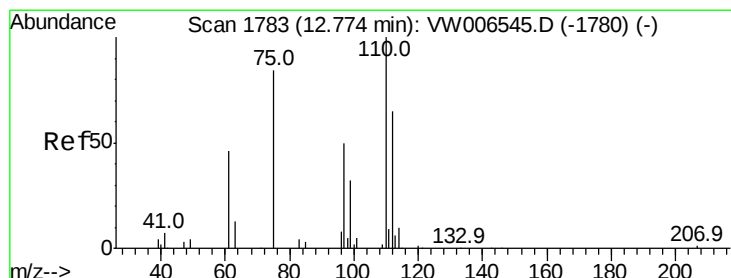
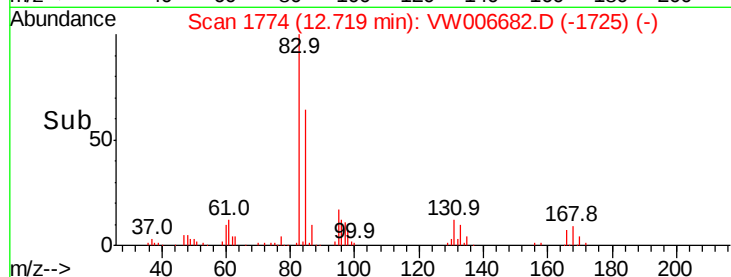
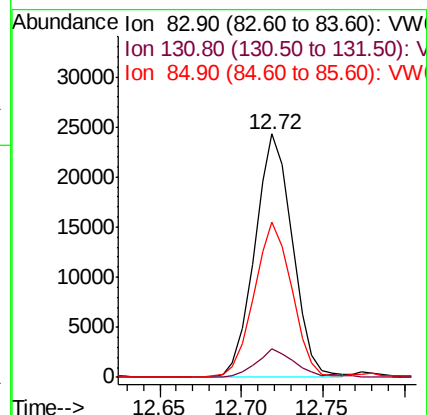
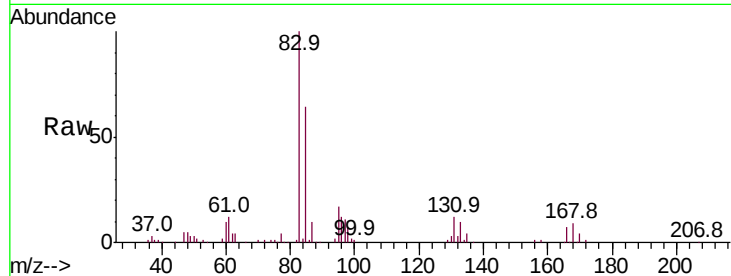
Tot Ion: 83 Resp: 39071

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.7

85 64.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 33.449 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006682.D

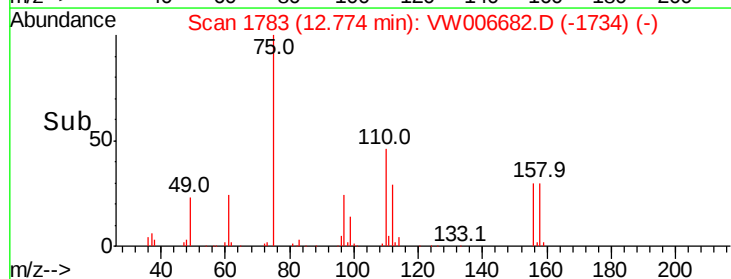
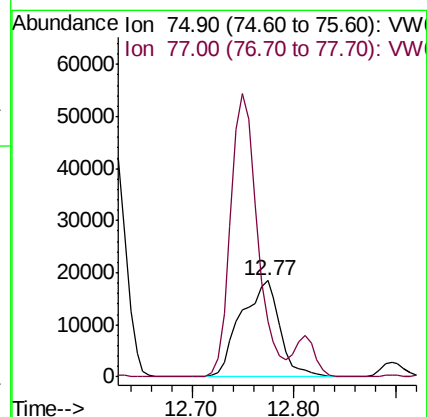
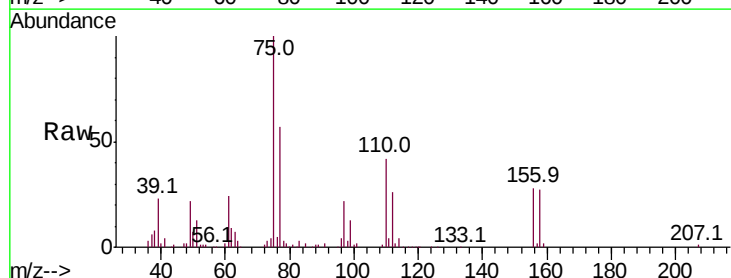
Acq: 06 Nov 2018 13:32

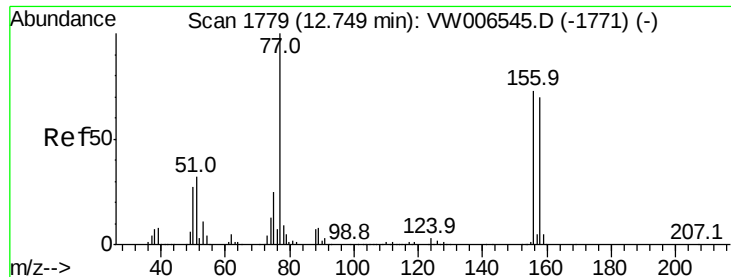
Tgt Ion: 75 Resp: 49393

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.640 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

VW1106SBSD01

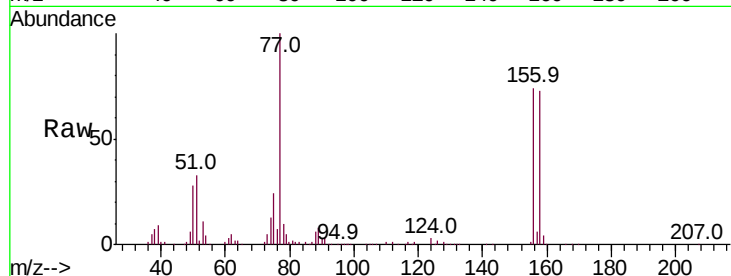
Tot Ion:156 Resp: 66627

Ion Ratio Lower Upper

156 100

77 149.8 75.9 227.8

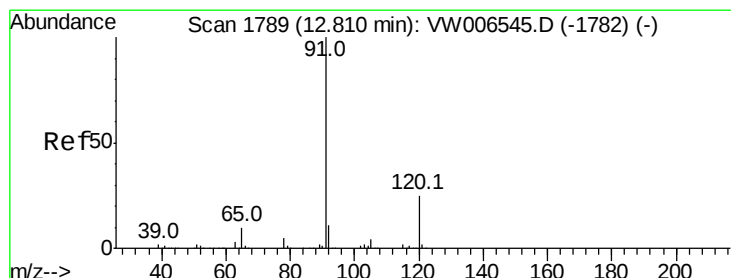
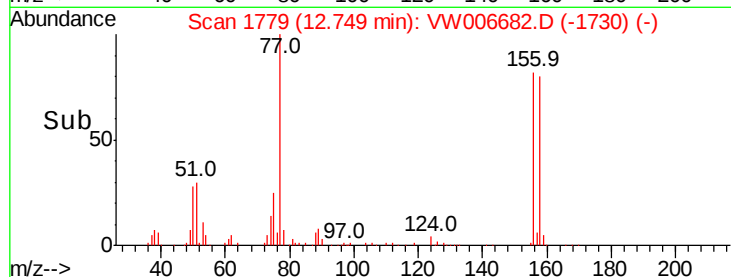
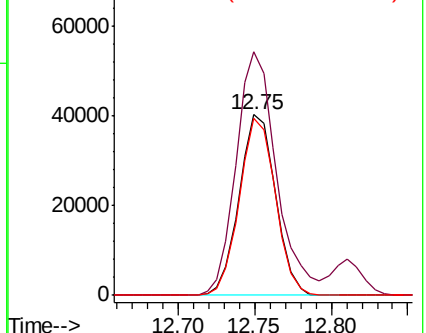
158 97.3 48.6 145.9



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: 21.751 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006682.D

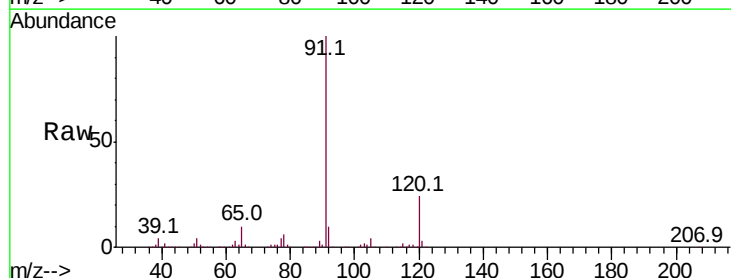
Acq: 06 Nov 2018 13:32

Tgt Ion: 91 Resp: 311918

Ion Ratio Lower Upper

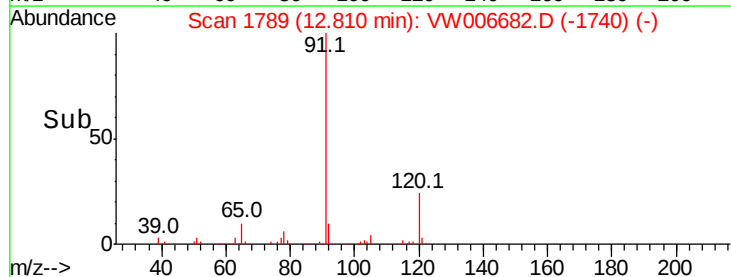
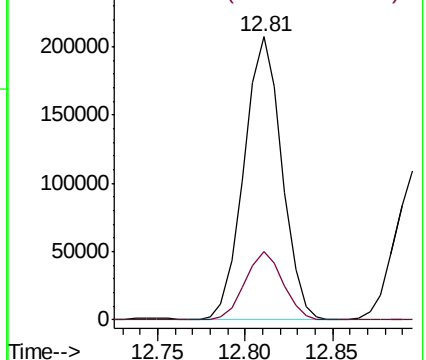
91 100

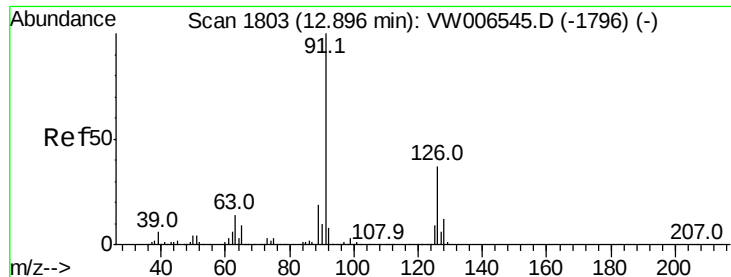
120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.109 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

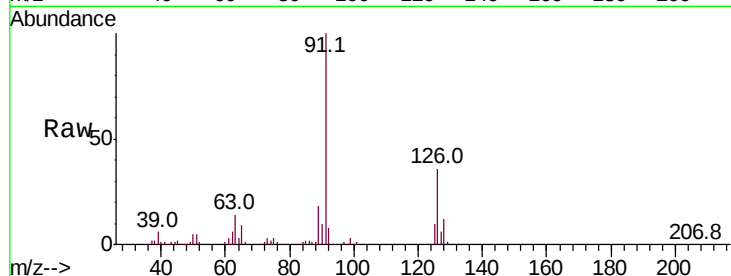
VW1106SBS01

Tot Ion: 91 Resp: 173730

Ion Ratio Lower Upper

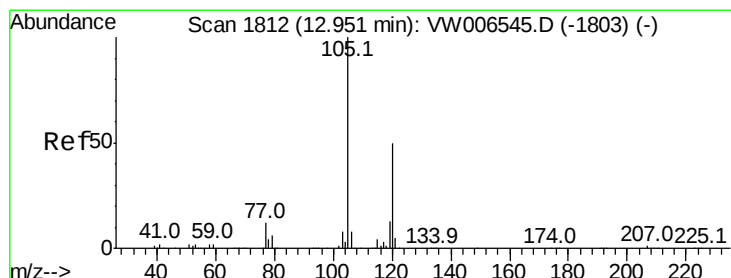
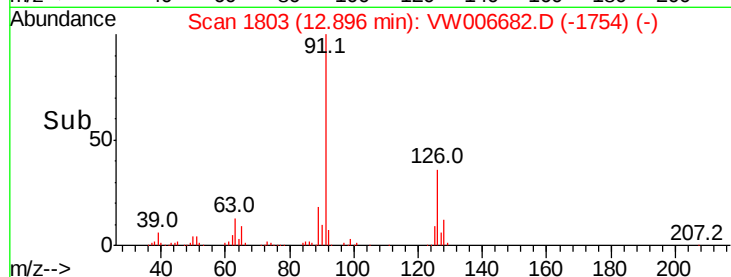
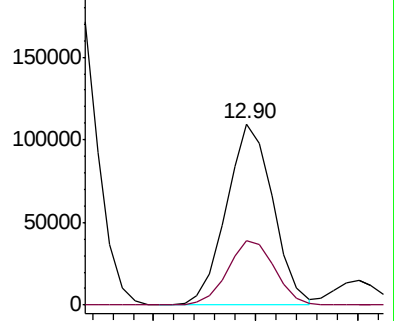
91 100

126 36.3 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: 21.218 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006682.D

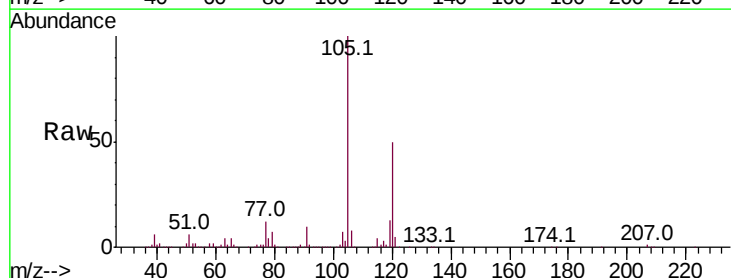
Acq: 06 Nov 2018 13:32

Tgt Ion: 105 Resp: 222245

Ion Ratio Lower Upper

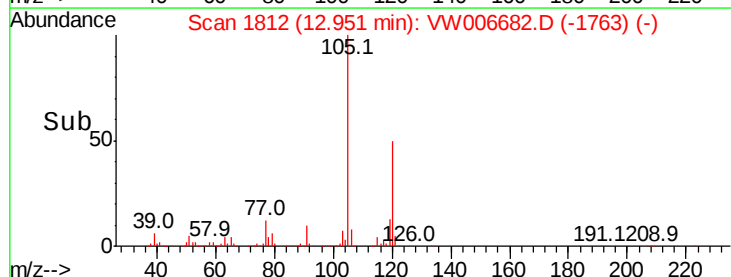
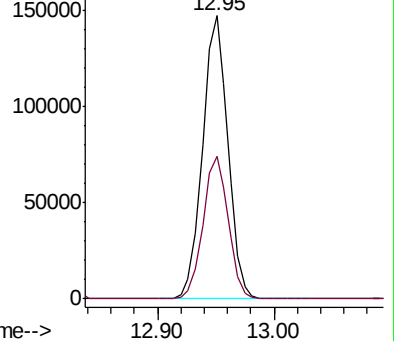
105 100

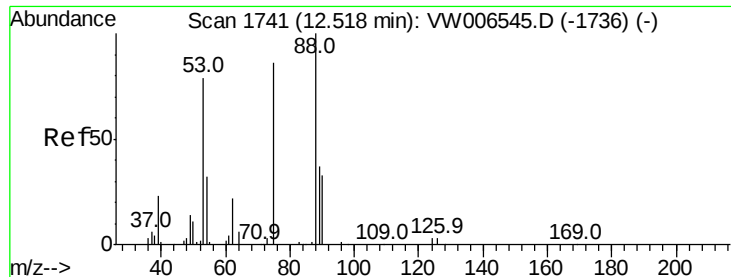
120 50.1 25.1 75.3



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: 20.097 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

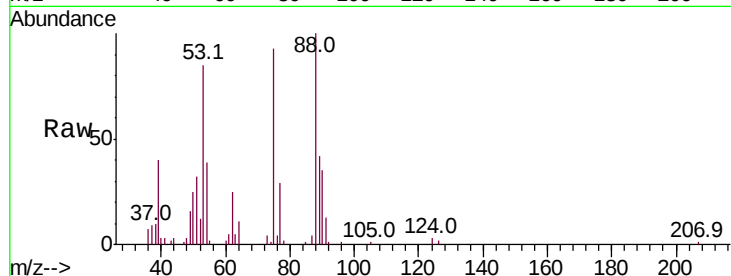
Tot Ion: 75 Resp: 10501

Ion Ratio Lower Upper

75 100

53 94.2 77.2 115.8

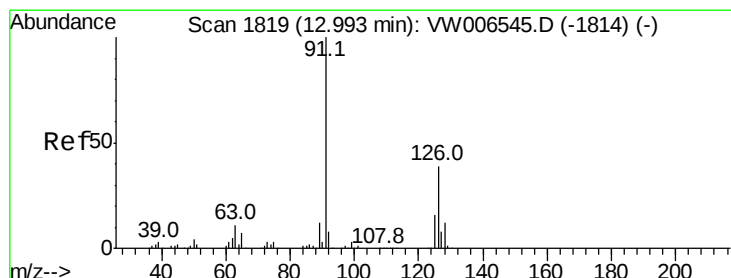
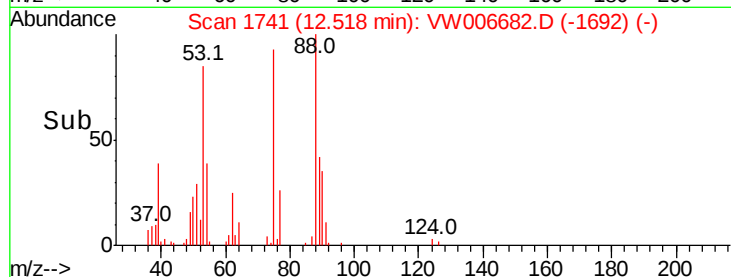
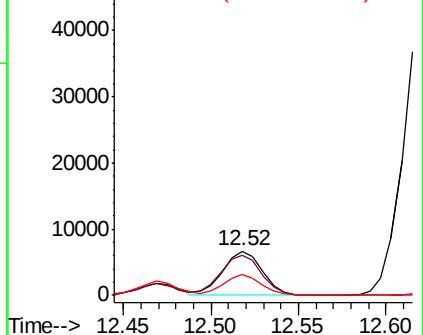
89 44.0 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.056 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006682.D

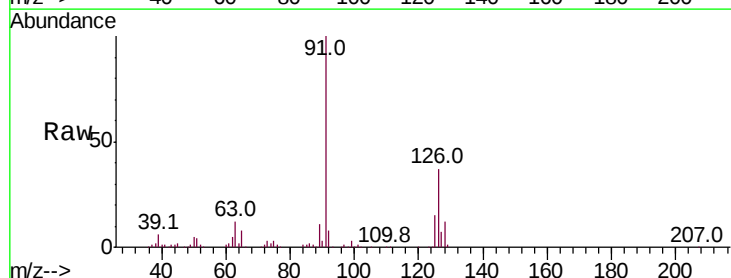
Acq: 06 Nov 2018 13:32

Tgt Ion: 91 Resp: 183334

Ion Ratio Lower Upper

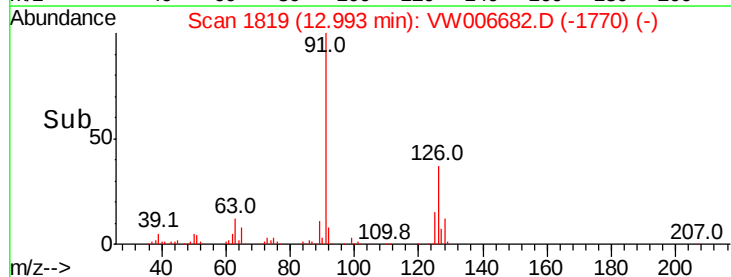
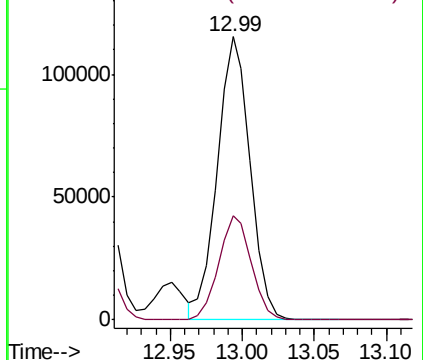
91 100

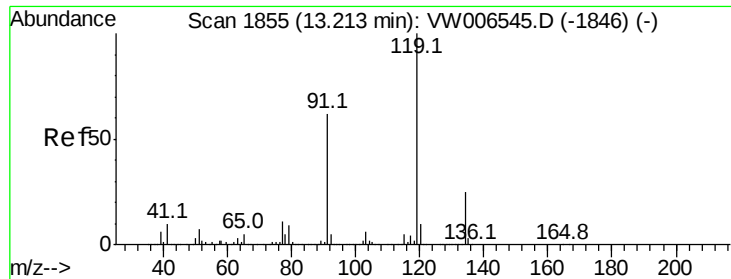
126 36.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

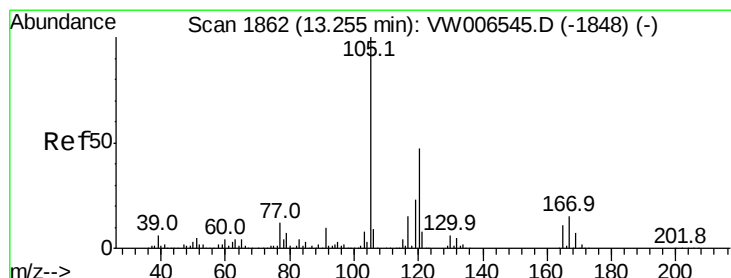
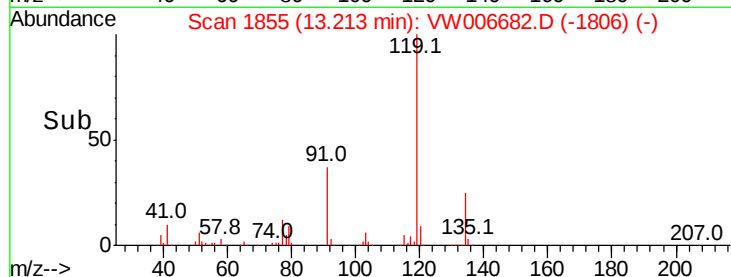
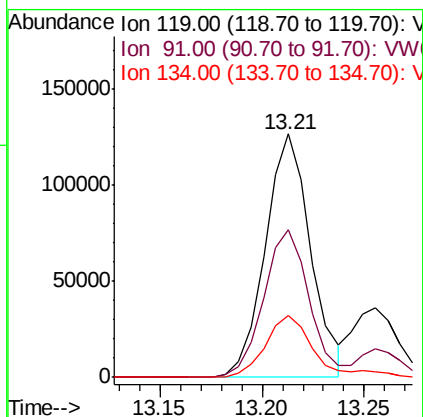
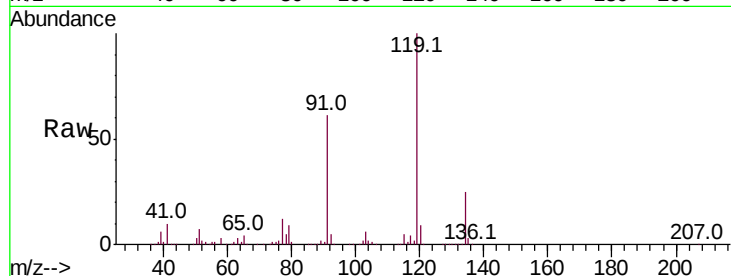




#83
tert-Butylbenzene
Concen: 20.999 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

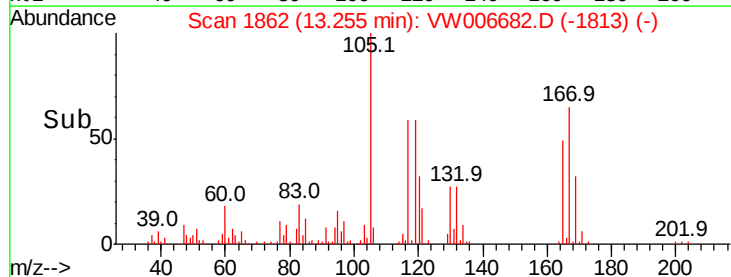
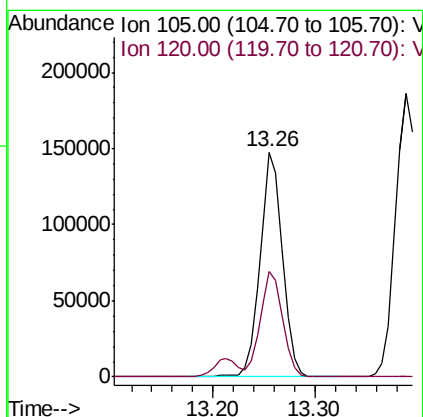
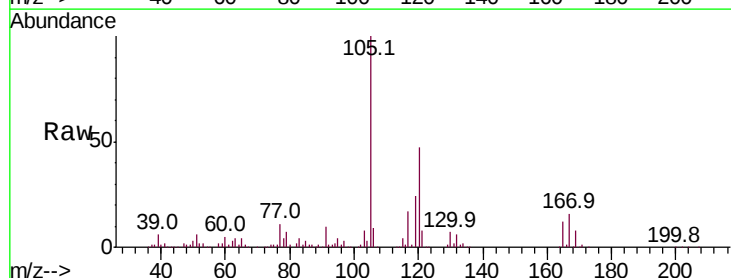
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

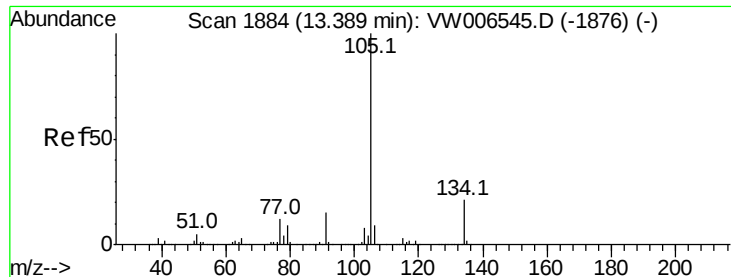
Tot Ion:119 Resp: 196150
Ion Ratio Lower Upper
119 100
91 60.5 30.4 91.3
134 27.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 21.033 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion:105 Resp: 225977
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.738 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

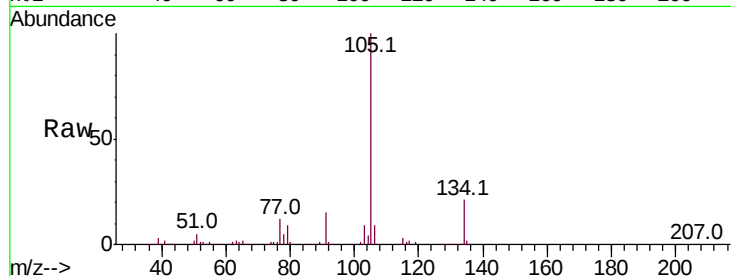
VW1106SBS01

Tot Ion:105 Resp: 284384

Ion Ratio Lower Upper

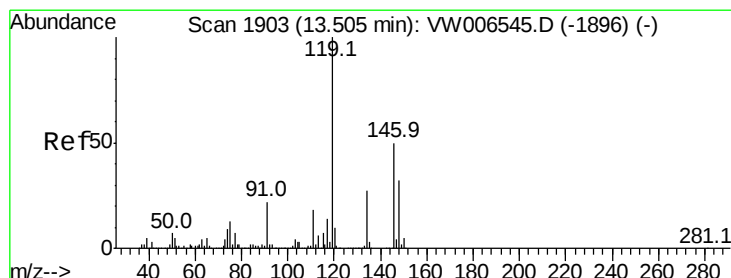
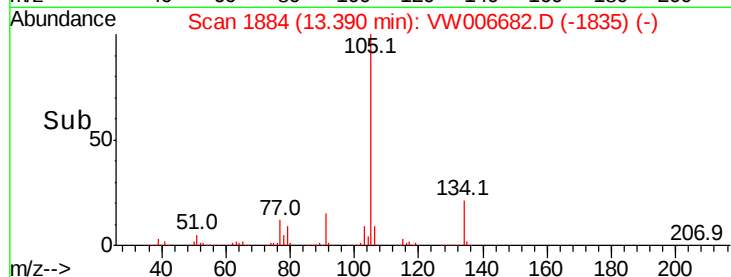
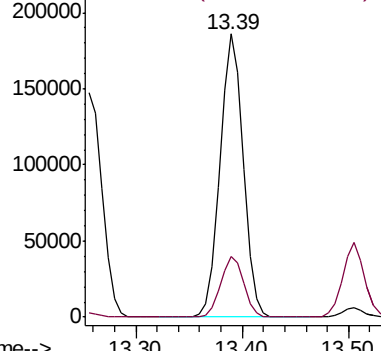
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.604 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

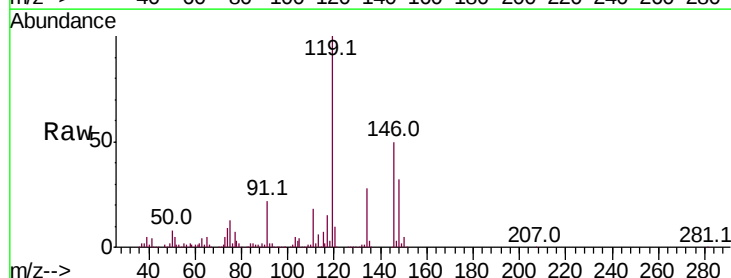
Tgt Ion:119 Resp: 257171

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

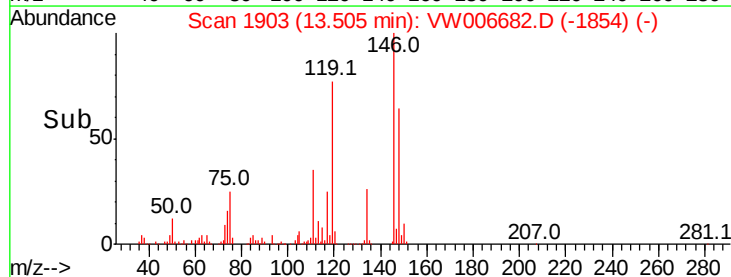
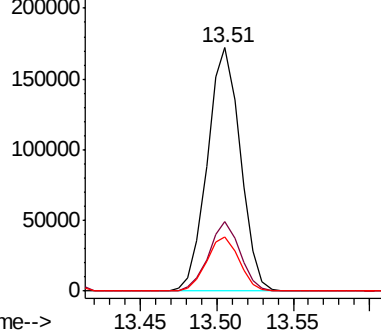
91 22.0 10.9 32.6

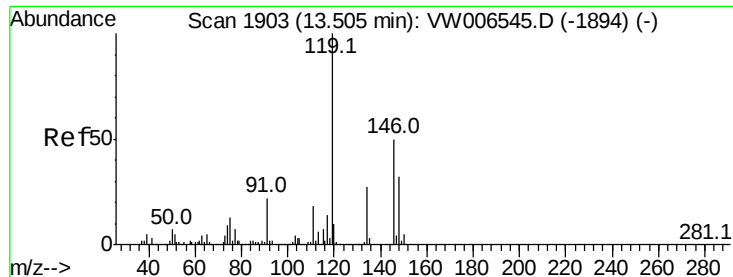


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.121 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

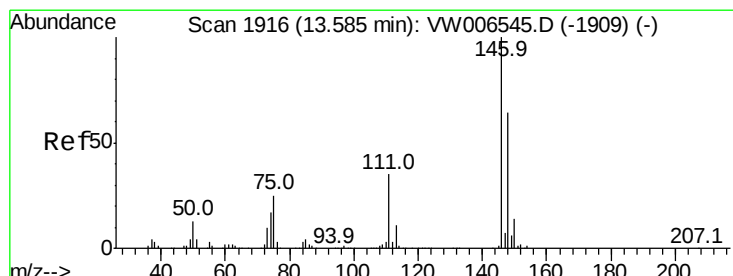
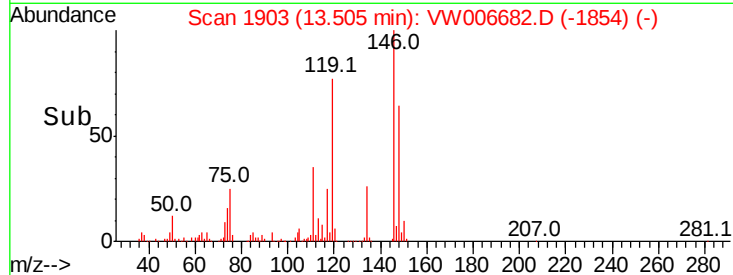
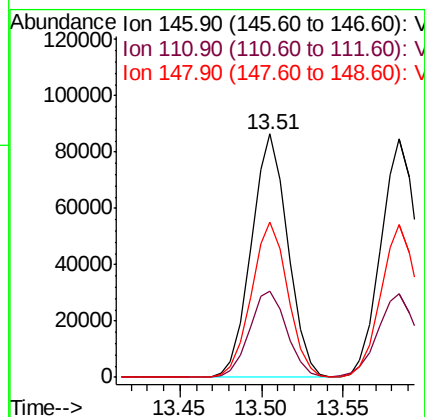
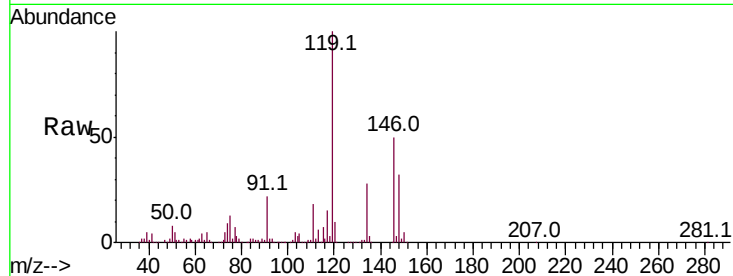
Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD01

Tot Ion:146 Resp: 134272

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.6
148	63.9	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 21.085 ug/l

RT: 13.58 min Scan# 1916

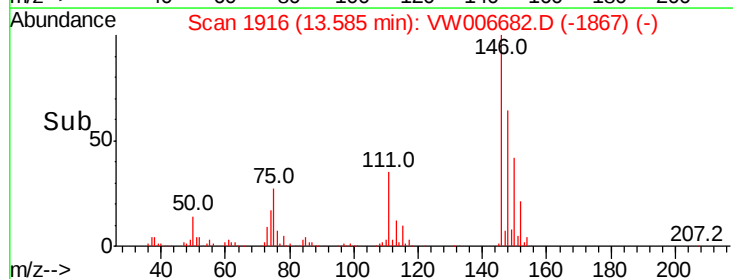
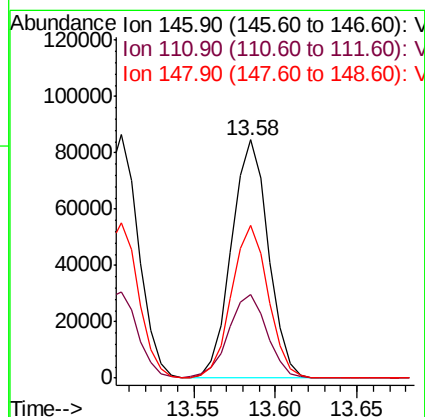
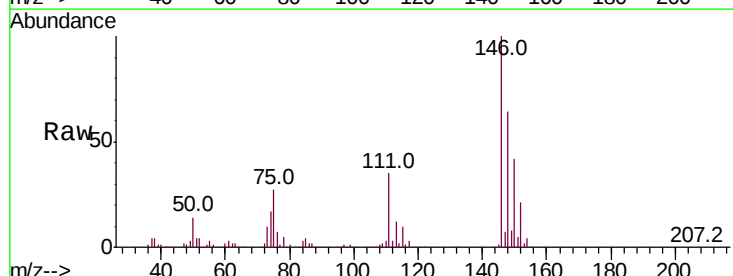
Delta R.T. 0.00 min

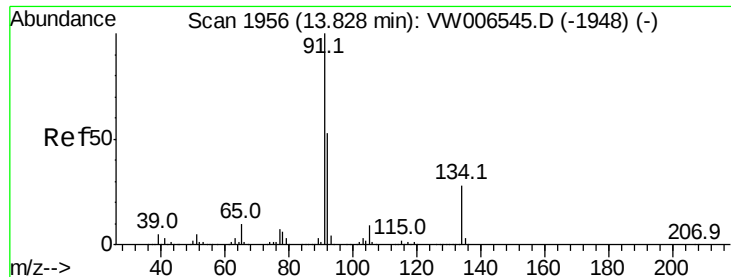
Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion:146 Resp: 132868

Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.7
148	64.0	32.1	96.5

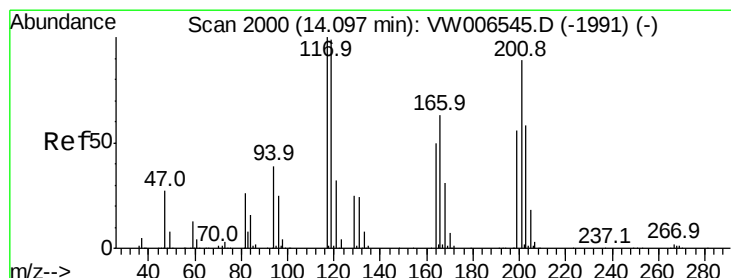
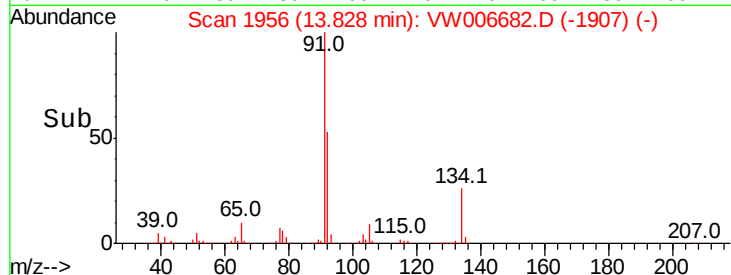
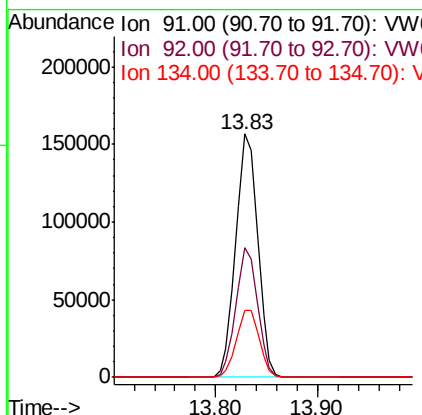
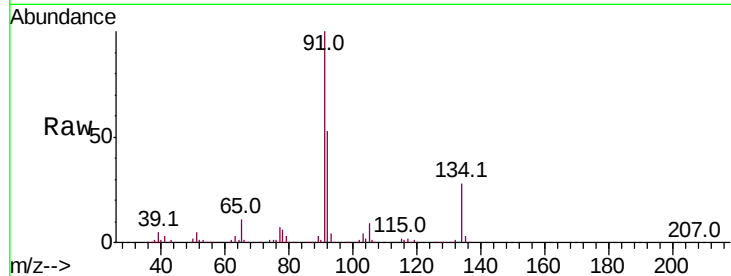




#89
n-Butylbenzene
Concen: 22.135 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

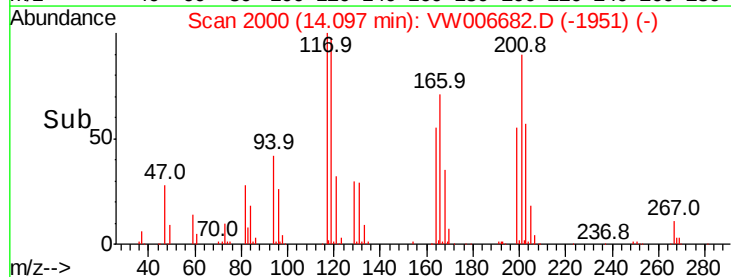
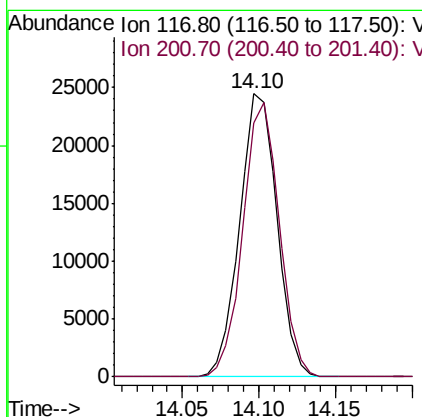
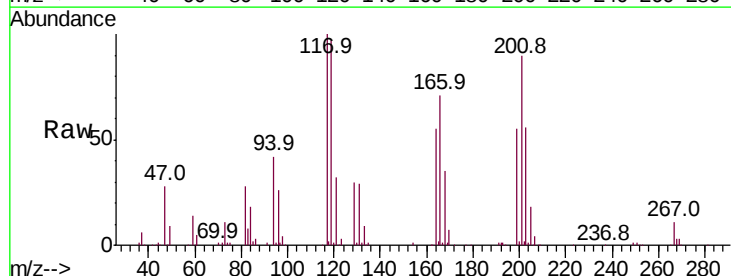
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

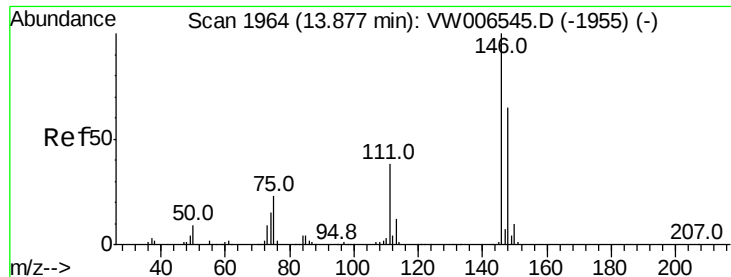
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.0
134	28.4	14.3	42.9



#90
Hexachloroethane
Concen: 21.248 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.2	46.8	140.3





#91

1,2-Dichlorobenzene

Concen: 20.528 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD01

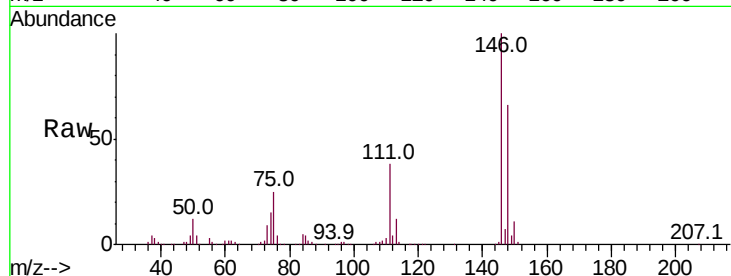
Tot Ion:146 Resp: 117387

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

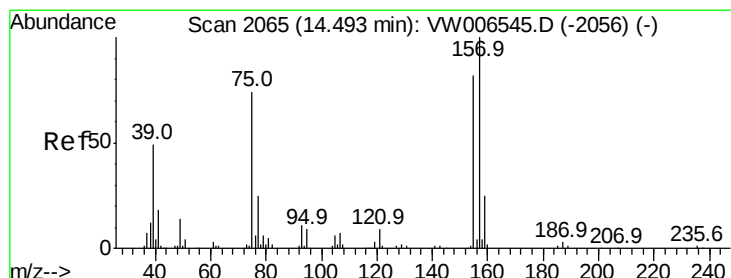
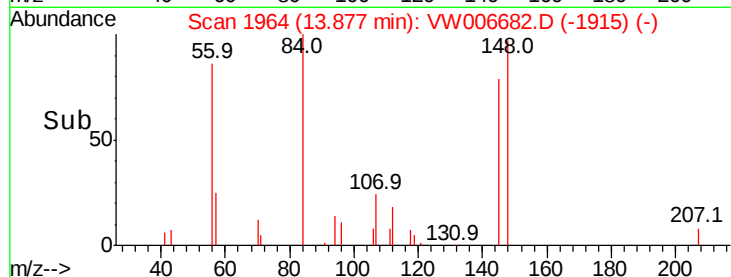
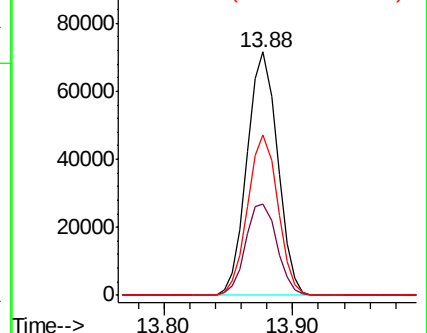
148 64.9 32.0 96.0



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: 17.726 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

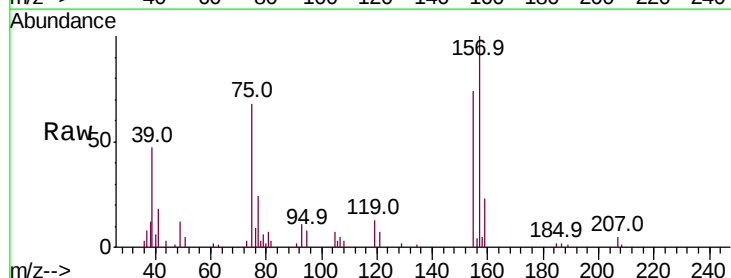
Tgt Ion: 75 Resp: 5664

Ion Ratio Lower Upper

75 100

155 105.3 50.6 151.8

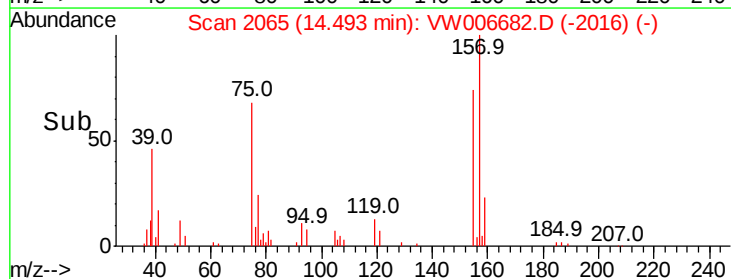
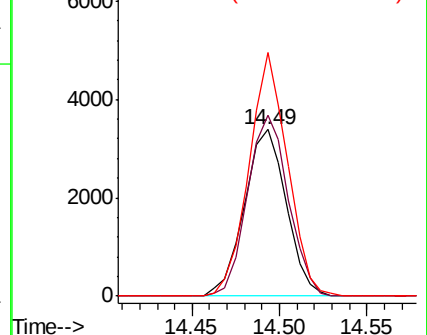
157 133.3 65.0 195.0

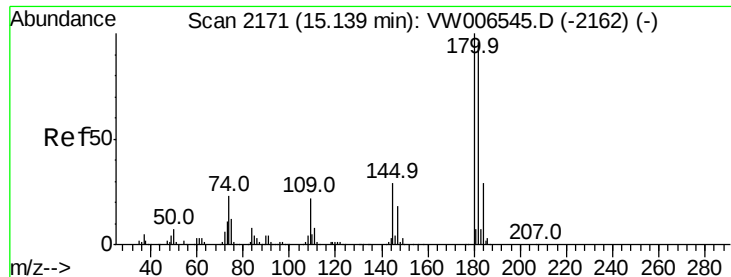


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

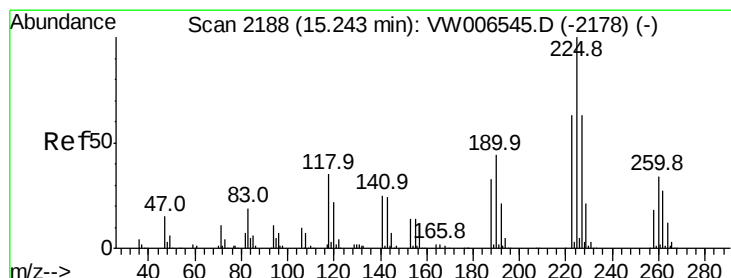
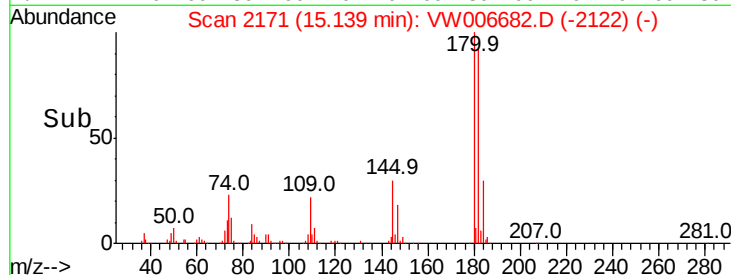
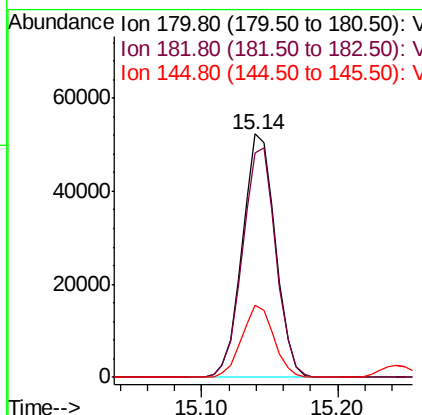
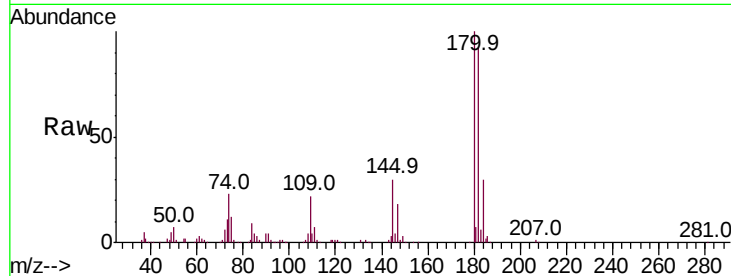




#93
 1,2,4-Trichlorobenzene
 Concen: 20.860 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

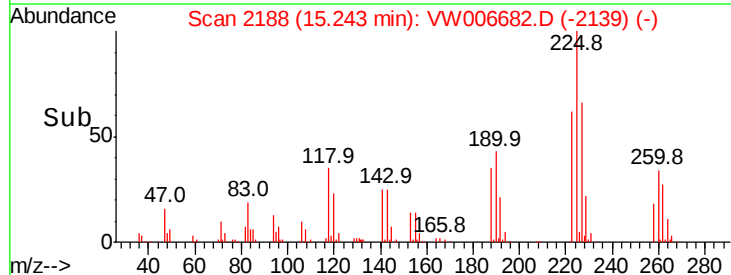
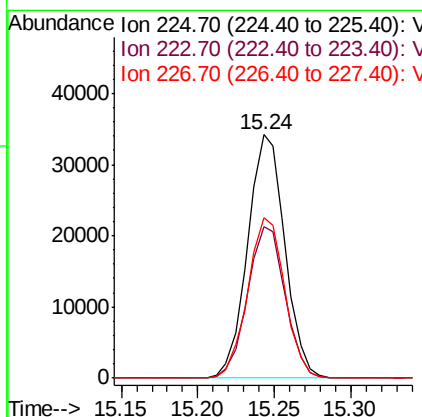
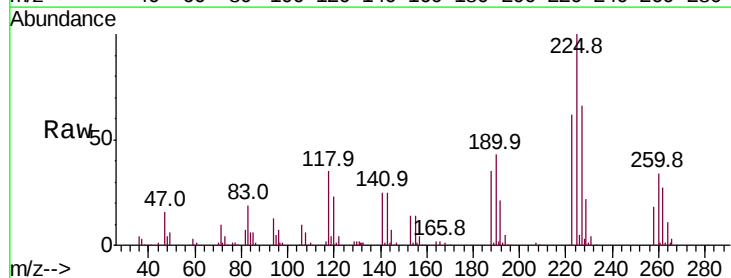
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

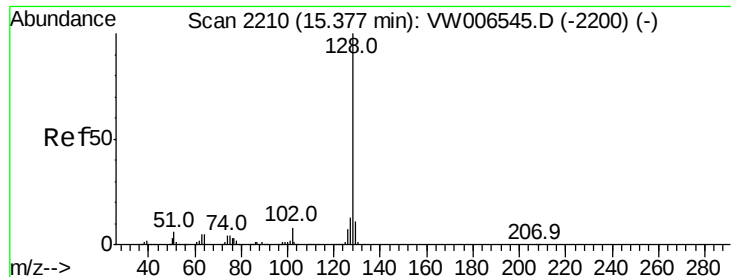
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	28.7	14.0	42.0



#94
 Hexachlorobutadiene
 Concen: 21.793 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.4	94.2
227	65.3	32.2	96.6

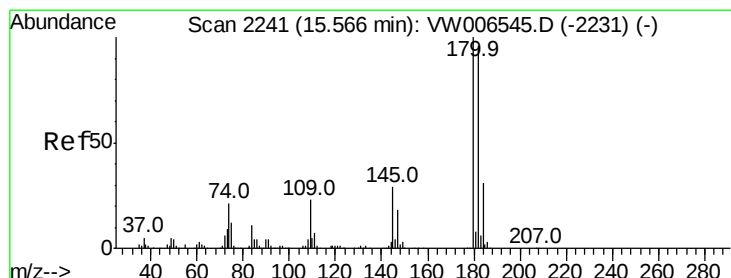
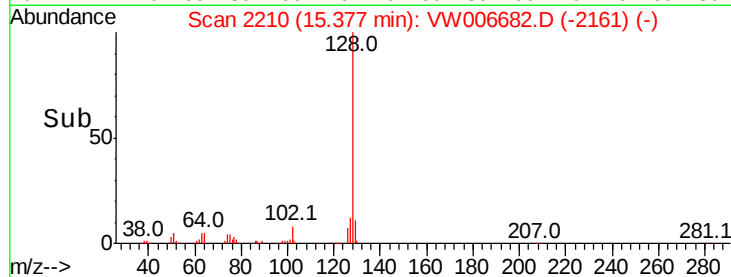
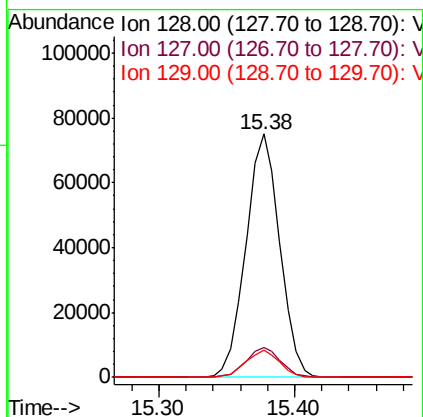
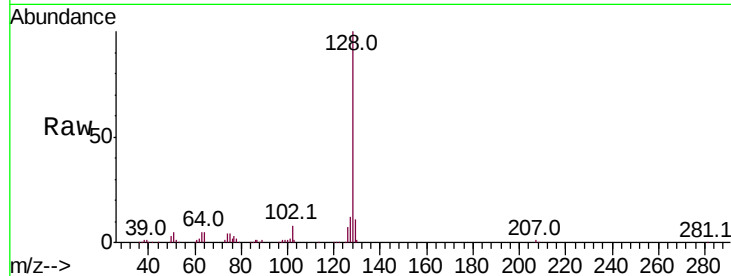




#95
Naphthalene
Concen: 19.137 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD01

Tot Ion:128 Resp: 130785
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.239 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion:180 Resp: 75634
Ion Ratio Lower Upper
180 100
182 96.7 48.2 144.6
145 29.3 14.9 44.5

