

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006708.D
 Acq On : 07 Nov 2018 02:28
 Operator : SY/AP
 Sample : VW1106SBS02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Quant Time: Nov 07 11:31:21 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	221244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	100136	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	108810	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	10.33	98	402041	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.62	95	144672	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25066	21.855	ug/l	97
3) Chloromethane	2.21	50	30785	21.694	ug/l	98
4) Vinyl Chloride	2.37	62	44045	22.229	ug/l	97
5) Bromomethane	2.79	94	39072	23.496	ug/l	99
6) Chloroethane	2.93	64	31563	22.798	ug/l	99
7) Trichlorofluoromethane	3.26	101	36191	20.683	ug/l	97
8) Diethyl Ether	3.68	74	20451	21.382	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41852	22.399	ug/l	99
10) Methyl Iodide	4.26	142	71288	21.042	ug/l	99
11) Tert butyl alcohol	5.23	59	10870	106.082	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	38835	21.520	ug/l	96
13) Acrolein	3.90	56	10983	85.221	ug/l	98
14) Allyl chloride	4.67	41	50867	21.594	ug/l	99
15) Acrylonitrile	5.38	53	37813	110.256	ug/l	100
16) Acetone	4.15	43	32725	106.581	ug/l	98
17) Carbon Disulfide	4.37	76	111701	21.751	ug/l	99
18) Methyl Acetate	4.68	43	18586	21.051	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	56911	21.186	ug/l	99
20) Methylene Chloride	4.91	84	47193	20.151	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	44510	21.797	ug/l	99
22) Diisopropyl ether	6.31	45	109568	22.311	ug/l	96
23) Vinyl Acetate	6.26	43	297932	109.399	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74505	22.385	ug/l	99
25) 2-Butanone	7.18	43	46897	107.036	ug/l	94
26) 2,2-Dichloropropane	7.17	77	42962	21.428	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	50330	22.030	ug/l	99
28) Bromochloromethane	7.51	49	28162	21.309	ug/l	99
29) Tetrahydrofuran	7.54	42	29489	107.007	ug/l	98
30) Chloroform	7.68	83	83011	22.748	ug/l	99
31) Cyclohexane	7.96	56	62493	20.630	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	68541	22.197	ug/l	98
36) 1,1-Dichloropropene	8.08	75	62045	21.721	ug/l	99
37) Ethyl Acetate	7.26	43	22358	22.587	ug/l	99
38) Carbon Tetrachloride	8.07	117	64886	21.739	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74141	20.453	ug/l	98
40) Benzene	8.32	78	182772	22.527	ug/l	99
41) Methacrylonitrile	7.49	41	11572	19.064	ug/l	95
42) 1,2-Dichloroethane	8.40	62	51159	21.987	ug/l	100
43) Isopropyl Acetate	8.43	43	41973	21.249	ug/l	99
44) Trichloroethene	9.09	130	54658	21.831	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43129	22.842	ug/l	97
46) Dibromomethane	9.46	93	24902	22.436	ug/l	99
47) Bromodichloromethane	9.65	83	58330	22.634	ug/l	99
48) Methyl methacrylate	9.44	41	20117	21.138	ug/l	97
49) 1,4-Dioxane	9.48	88	7357	452.920	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	107074	105.546	ug/l	99
52) Toluene	10.39	92	119090	21.884	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	52951	21.349	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	63556	21.684	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35257	22.388	ug/l	97
56) Ethyl methacrylate	10.65	69	36598	20.447	ug/l	97
57) 1,3-Dichloropropane	10.93	76	56881	22.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90750	104.298	ug/l	100
59) 2-Hexanone	10.98	43	71758	104.144	ug/l	98
60) Dibromochloromethane	11.13	129	41700	22.349	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34019	21.753	ug/l	100
64) Tetrachloroethene	10.87	164	52316	21.528	ug/l	97
65) Chlorobenzene	11.66	112	141894	22.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49524	21.964	ug/l	99
67) Ethyl Benzene	11.74	91	232540	21.687	ug/l	98
68) m/p-Xylenes	11.84	106	188549	44.013	ug/l	99
69) o-Xylene	12.17	106	88095	21.600	ug/l	100
70) Styrene	12.18	104	144022	21.660	ug/l	100
71) Bromoform	12.35	173	25741	21.536	ug/l #	99
73) Isopropylbenzene	12.47	105	238713	20.759	ug/l	100
74) N-amyl acetate	12.28	43	40043	20.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	38835	21.382	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	47982	35.229	ug/l #	100
77) Bromobenzene	12.75	156	63920	21.469	ug/l	99
78) n-propylbenzene	12.81	91	282559	21.362	ug/l	100
79) 2-Chlorotoluene	12.90	91	162693	21.432	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	206595	21.384	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9773	20.254	ug/l	98
82) 4-Chlorotoluene	12.99	91	172649	21.498	ug/l	99
83) tert-Butylbenzene	13.21	119	180937	21.002	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	212750	21.470	ug/l	100
85) sec-Butylbenzene	13.39	105	255649	21.187	ug/l	100
86) p-Isopropyltoluene	13.51	119	231964	21.127	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	127897	21.812	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	126609	21.783	ug/l	99
89) n-Butylbenzene	13.83	91	207470	21.287	ug/l	99
90) Hexachloroethane	14.10	117	38989	21.606	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	115483	21.895	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5906	20.040	ug/l	96

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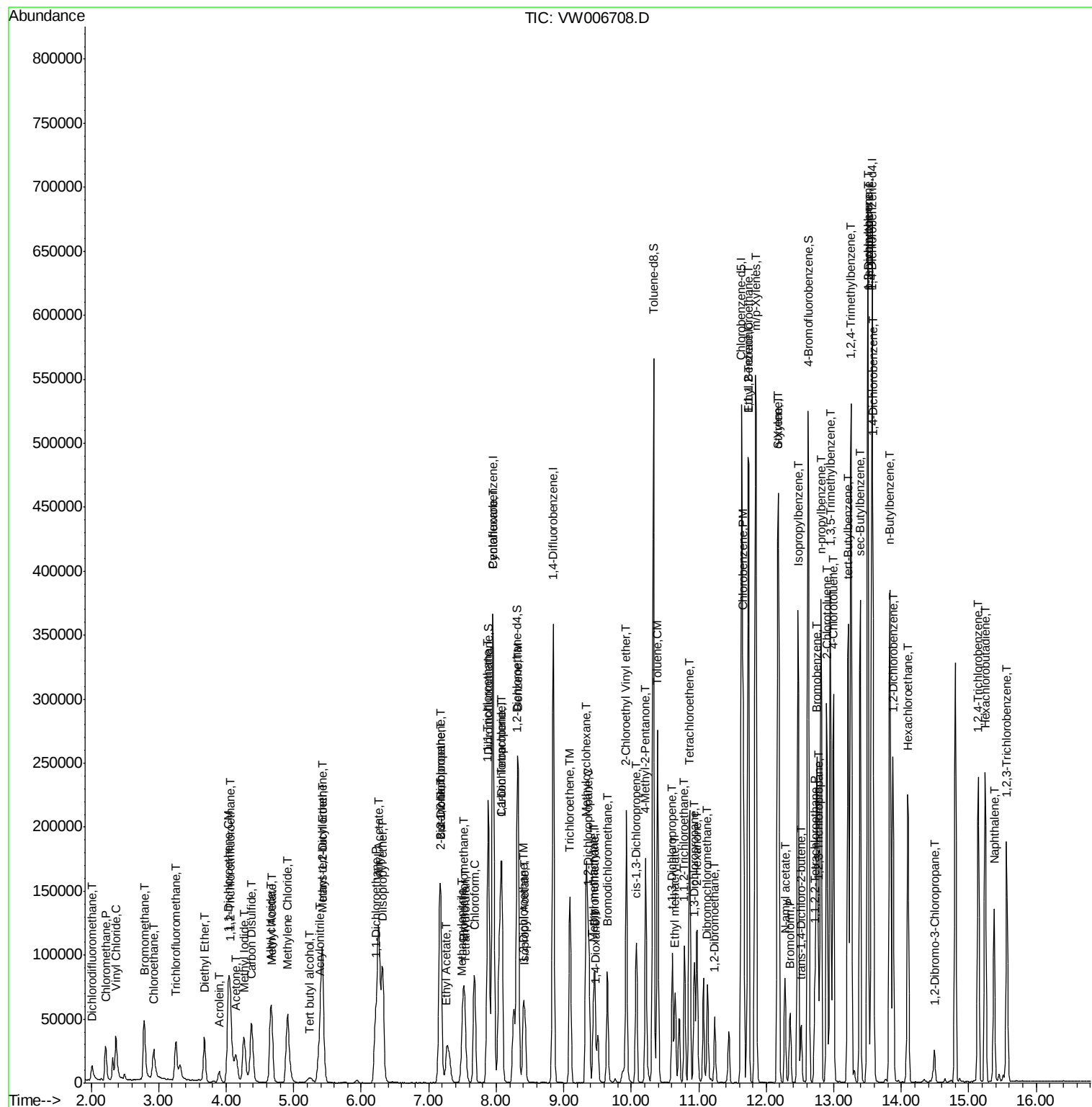
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83912	21.396	ug/l	99
94) Hexachlorobutadiene	15.24	225	51365	21.014	ug/l	99
95) Naphthalene	15.38	128	125988	19.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73317	21.271	ug/l	99

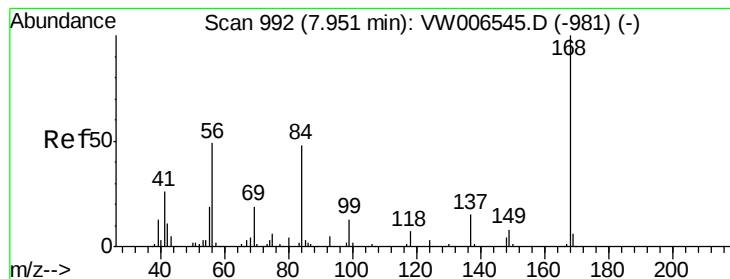
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

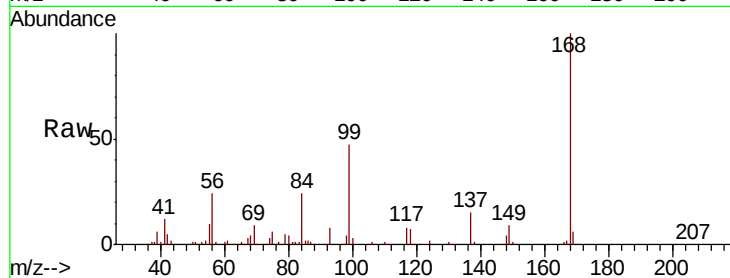
VW1106SBS02

Tot Ion:168 Resp: 221244

Ion Ratio Lower Upper

168 100

99 46.6 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

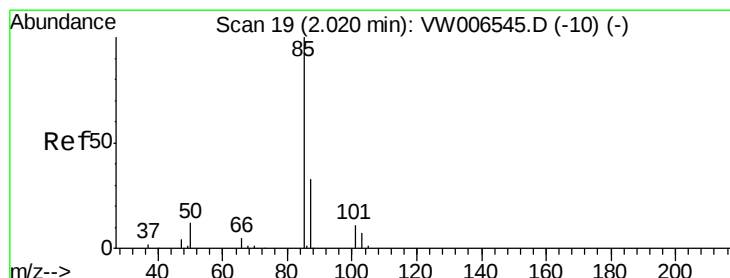
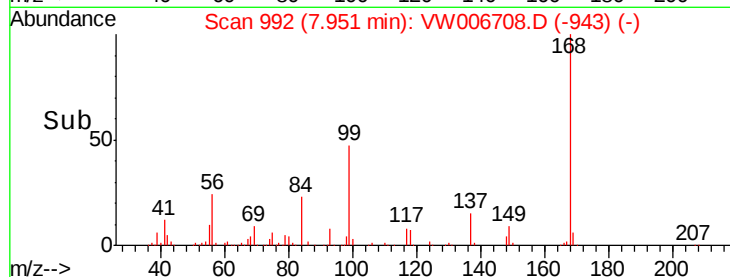
40000

20000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 21.855 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006708.D

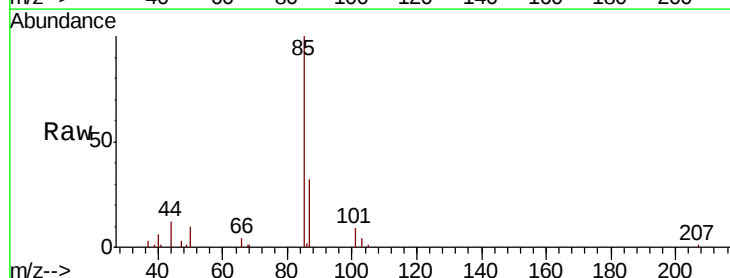
Acq: 07 Nov 2018 02:28

Tgt Ion: 85 Resp: 25066

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

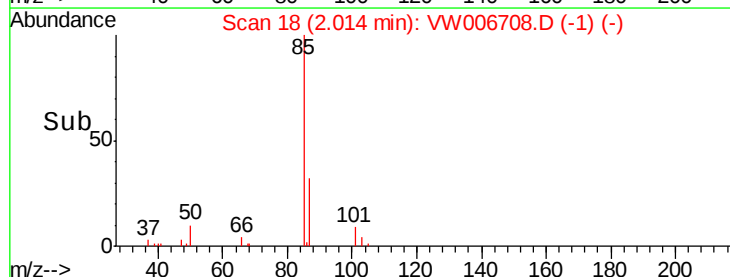
4000

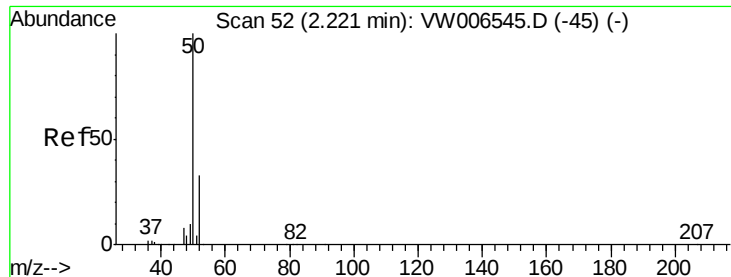
2000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.694 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

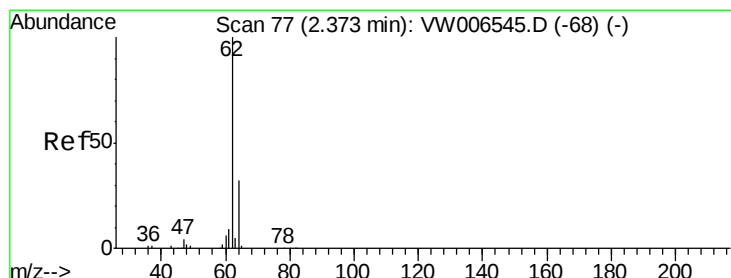
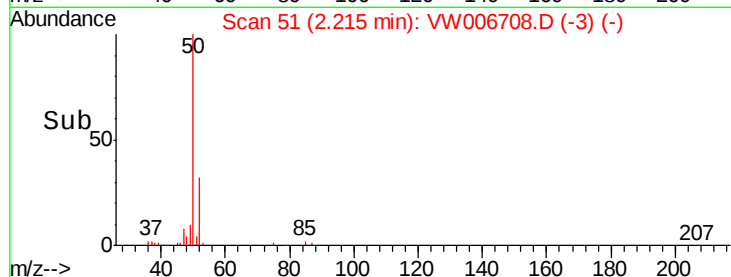
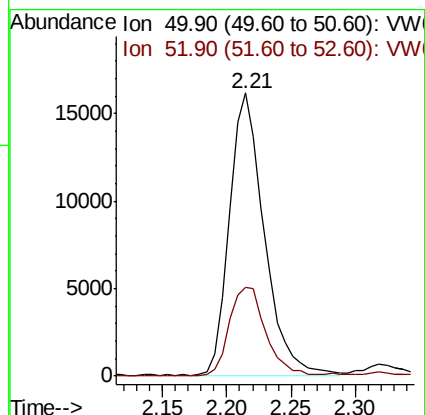
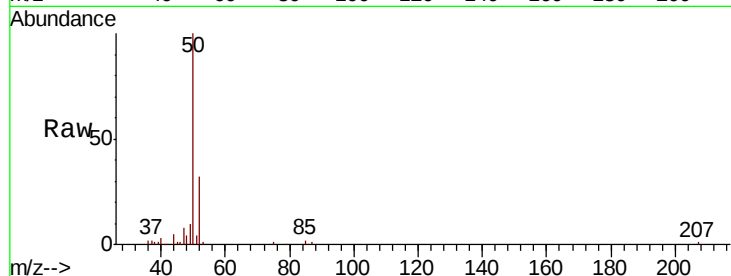
VW1106SBS02

Tot Ion: 50 Resp: 30785

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.4



#4

Vinyl Chloride

Concen: 22.229 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006708.D

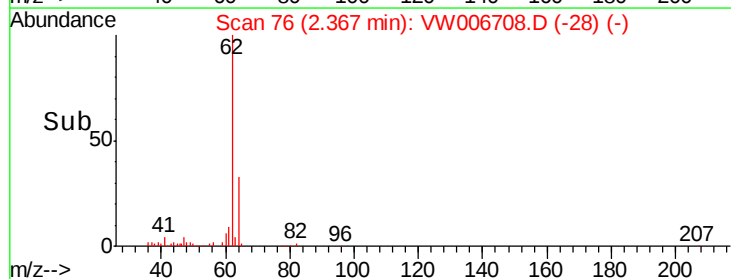
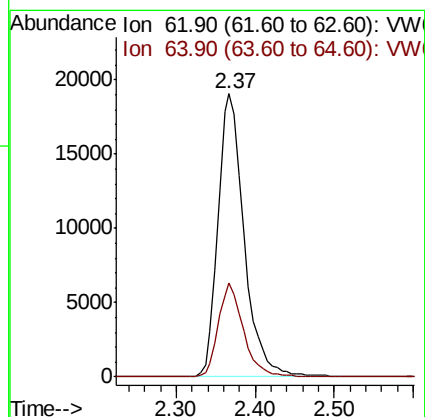
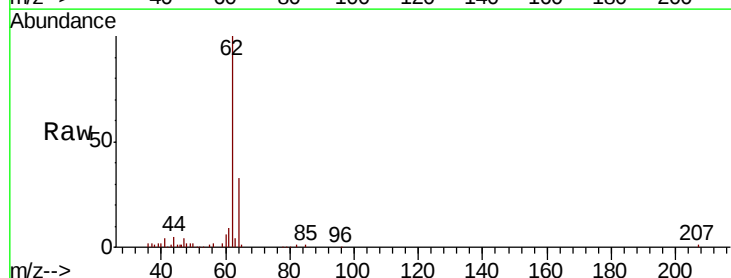
Acq: 07 Nov 2018 02:28

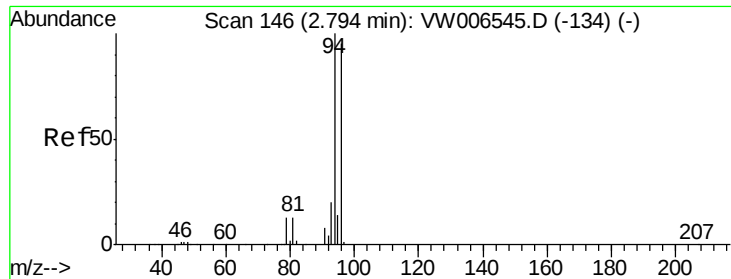
Tgt Ion: 62 Resp: 44045

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: 23.496 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

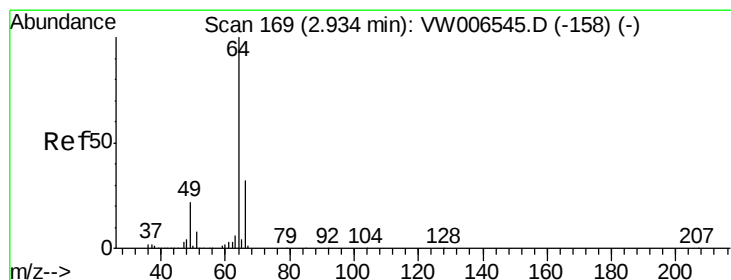
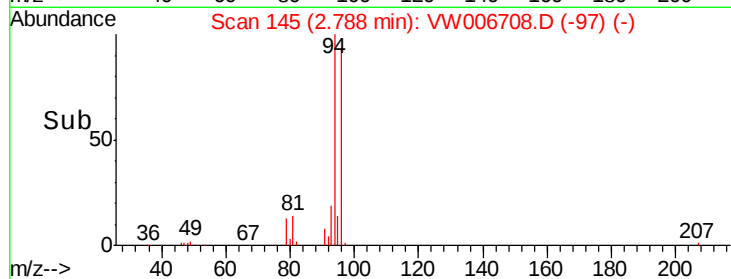
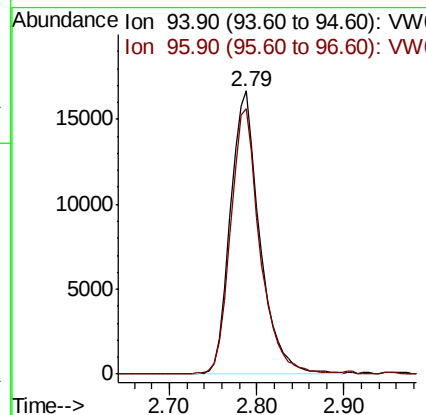
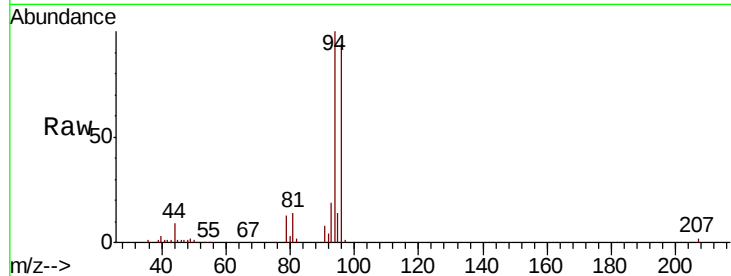
VW1106SBS02

Tot Ion: 94 Resp: 39072

Ion Ratio Lower Upper

94 100

96 93.7 75.7 113.5



#6

Chloroethane

Concen: 22.798 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006708.D

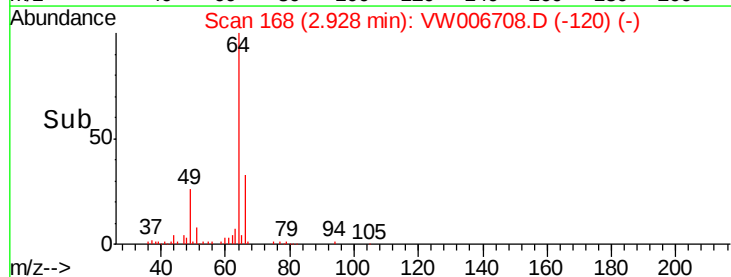
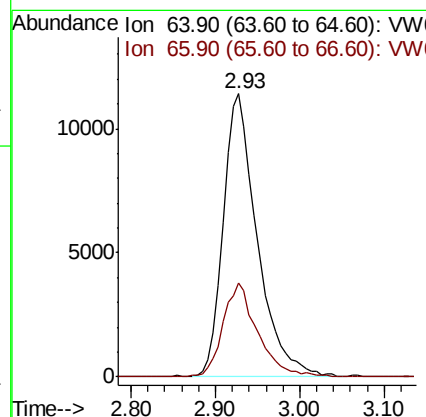
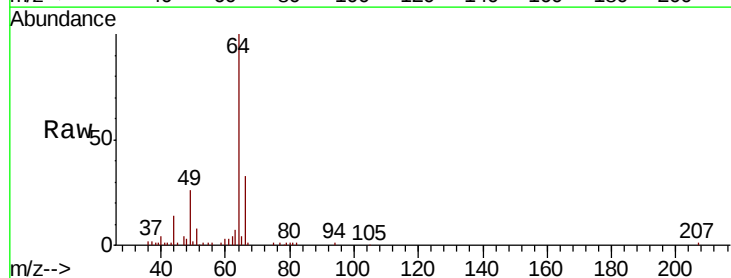
Acq: 07 Nov 2018 02:28

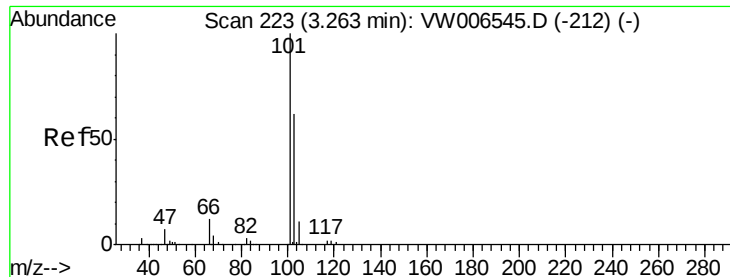
Tgt Ion: 64 Resp: 31563

Ion Ratio Lower Upper

64 100

66 33.1 25.9 38.9



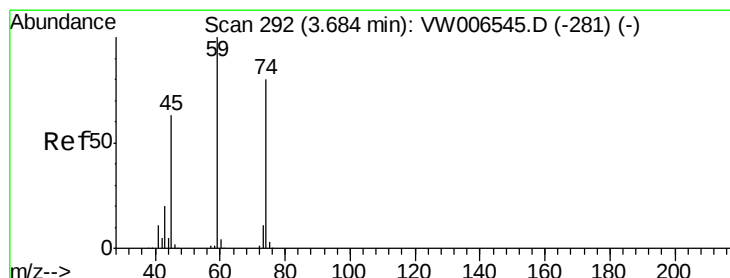
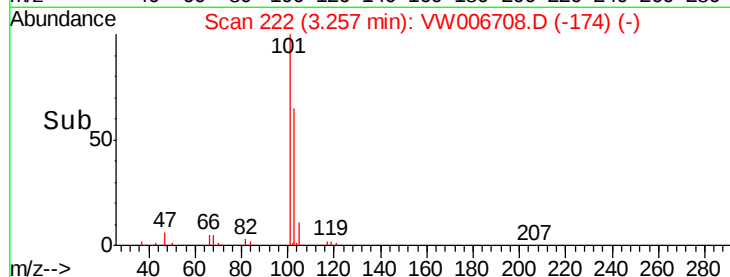
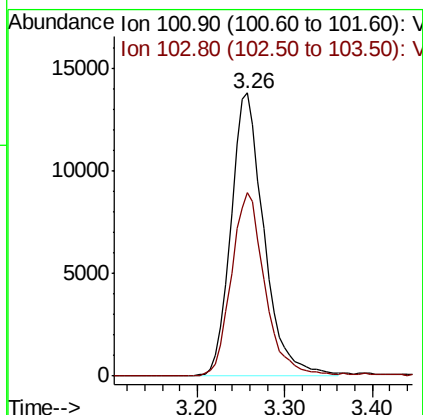
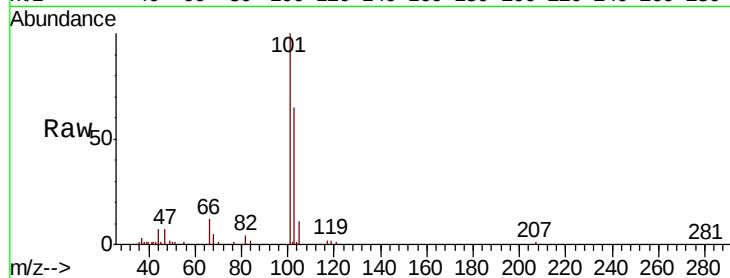


#7

Trichlorofluoromethane
 Concen: 20.683 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006708.D
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Instrument :
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 VW1106SBS02

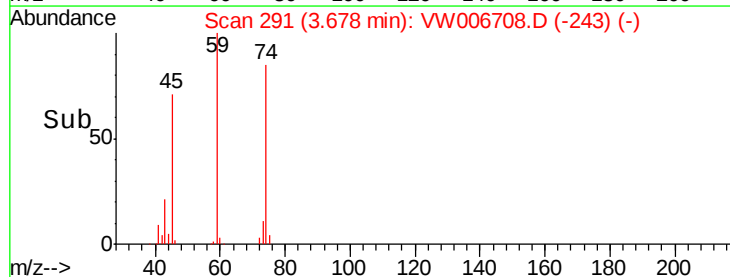
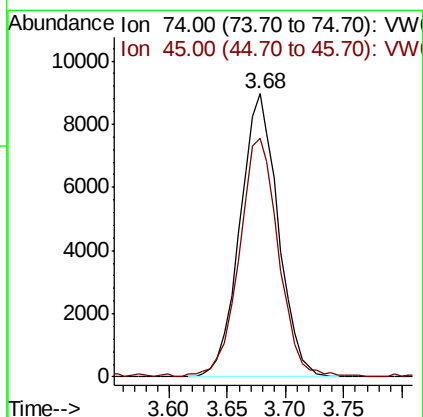
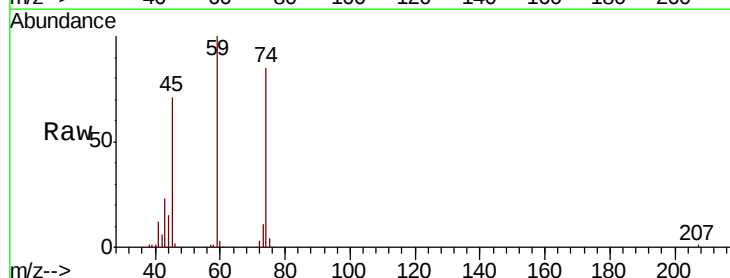
Tot Ion:101 Resp: 36191
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.8 74.8

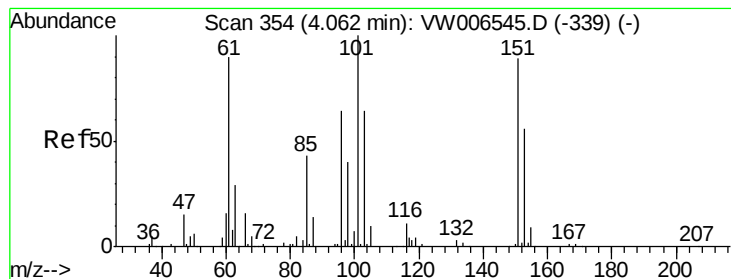


#8

Diethyl Ether
 Concen: 21.382 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion: 74 Resp: 20451
 Ion Ratio Lower Upper
 74 100
 45 86.9 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.399 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

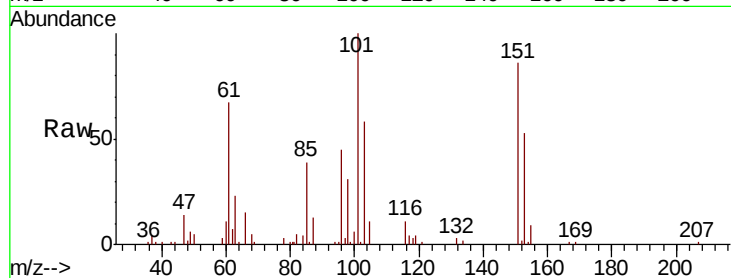
Tot Ion:101 Resp: 41852

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.2

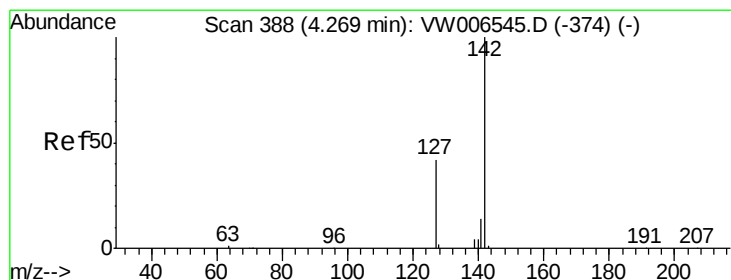
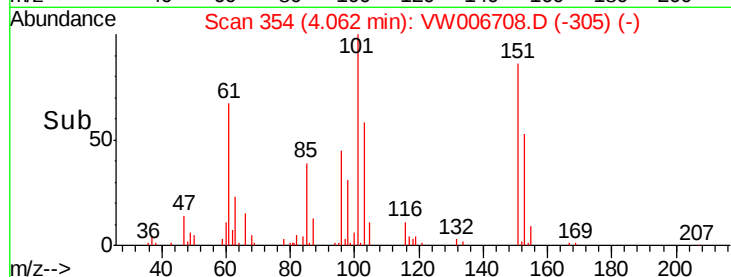
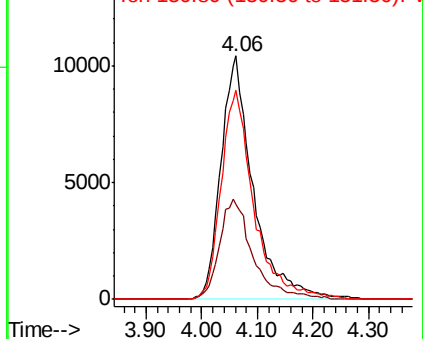
151 87.1 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.042 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

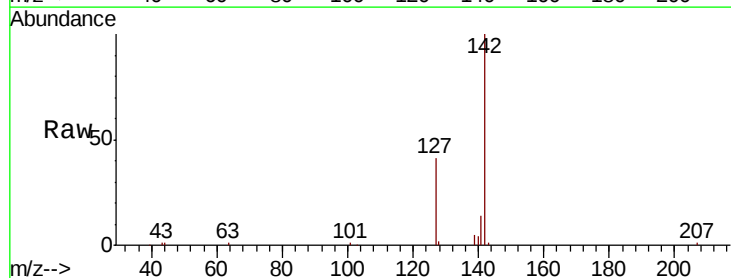
Tgt Ion:142 Resp: 71288

Ion Ratio Lower Upper

142 100

127 40.8 32.3 48.5

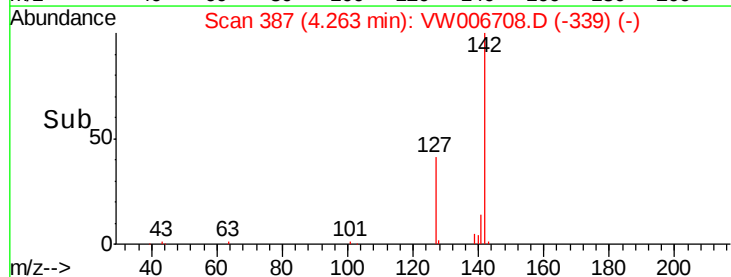
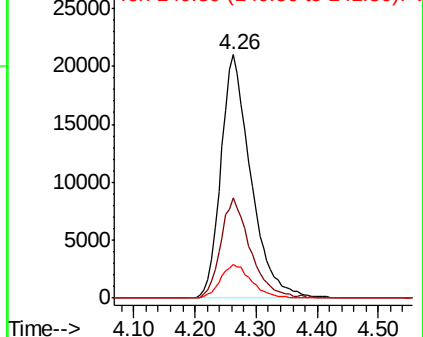
141 14.2 11.3 16.9

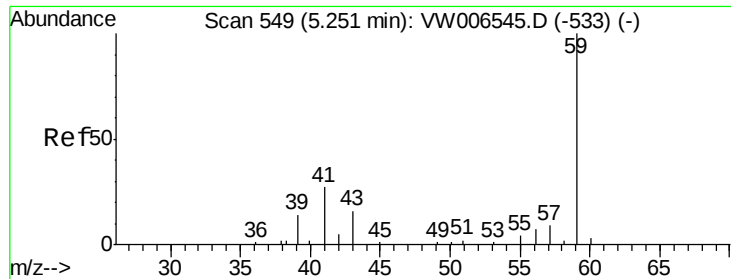


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

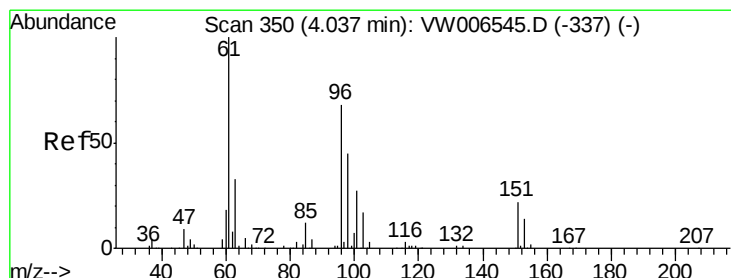
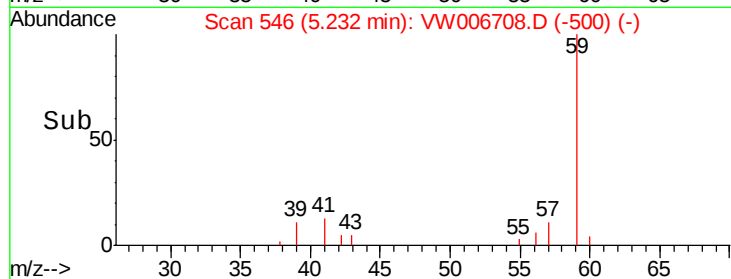
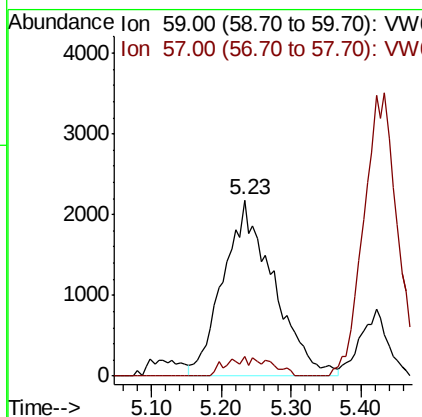
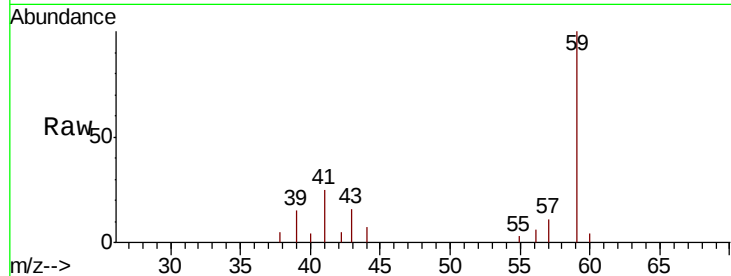




#11
Tert butyl alcohol
Concen: 106.082 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

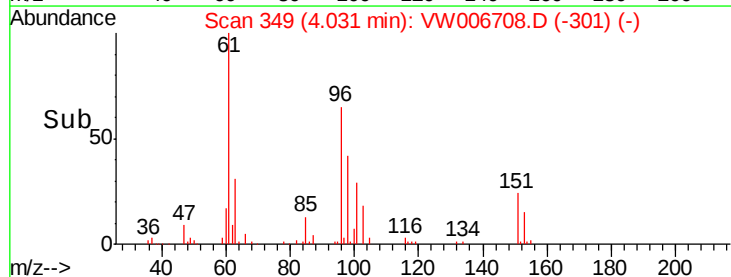
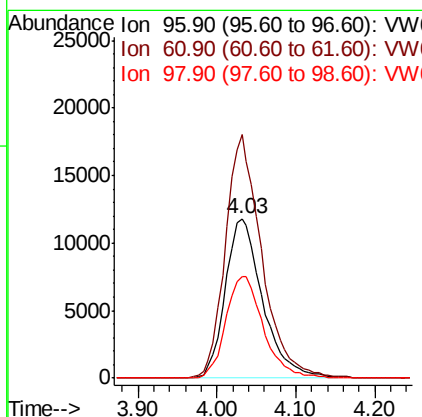
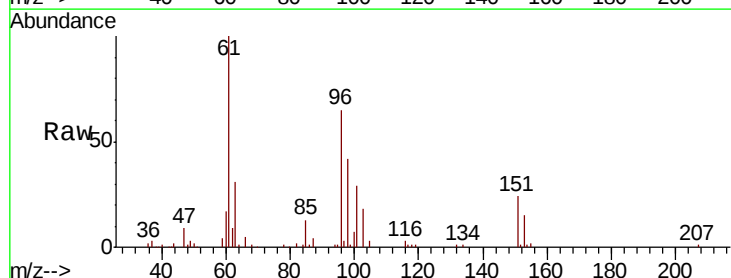
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

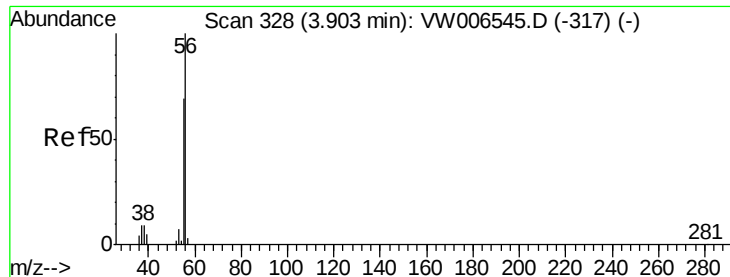
Tot Ion: 59 Resp: 10870
Ion Ratio Lower Upper
59 100
57 3.4 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 21.520 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 96 Resp: 38835
Ion Ratio Lower Upper
96 100
61 152.9 117.0 175.4
98 64.0 52.5 78.7





#13

Acrolein

Concen: 85.221 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

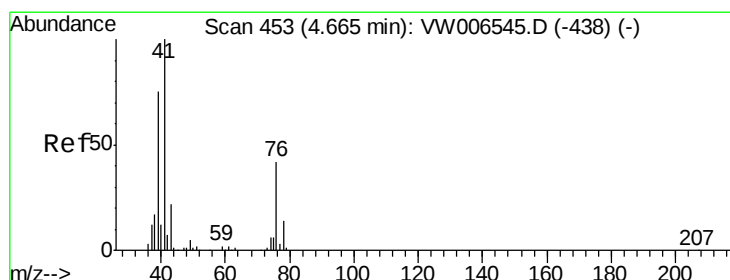
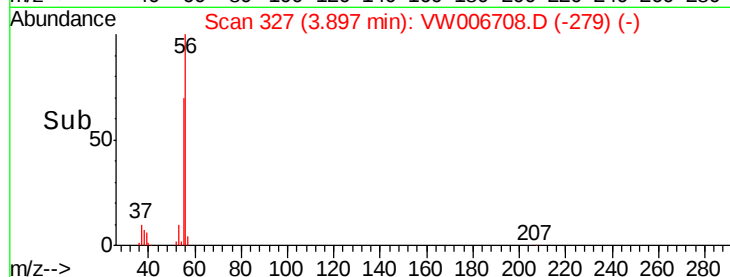
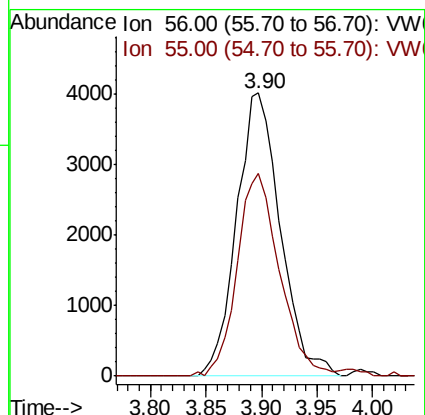
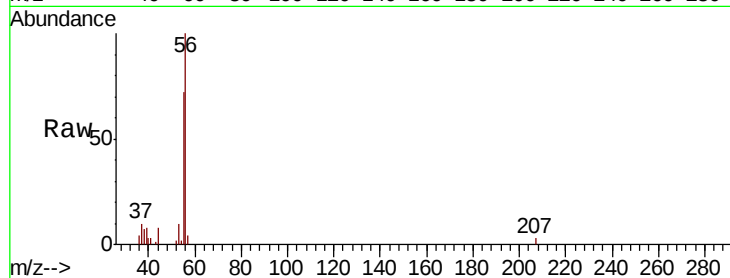
VW1106SBS02

Tot Ion: 56 Resp: 10983

Ion Ratio Lower Upper

56 100

55 69.2 56.9 85.3



#14

Allyl chloride

Concen: 21.594 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

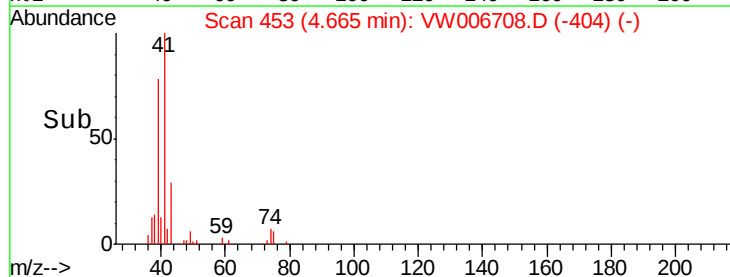
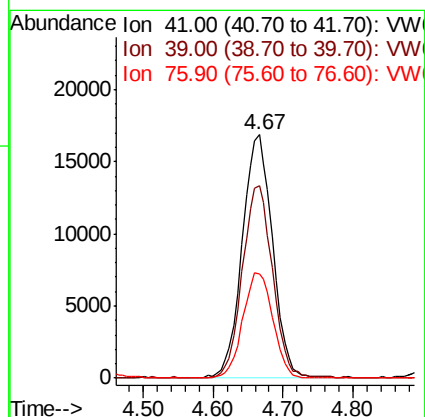
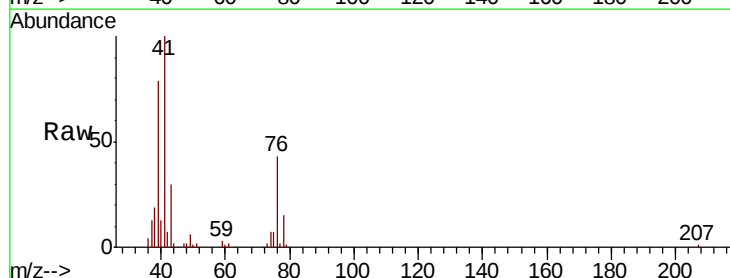
Tgt Ion: 41 Resp: 50867

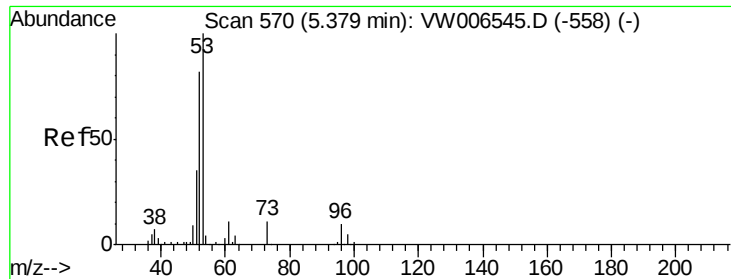
Ion Ratio Lower Upper

41 100

39 78.7 62.1 93.1

76 42.7 34.2 51.2





#15

Acrylonitrile

Concen: 110.256 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

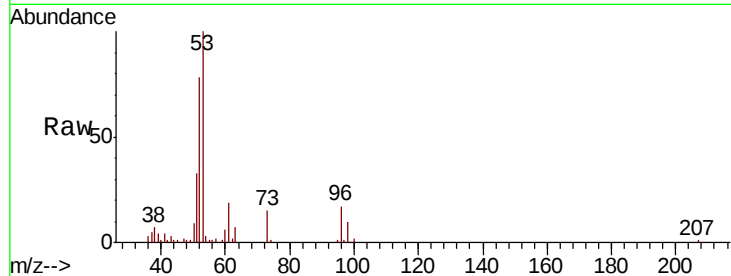
Tot Ion: 53 Resp: 37813

Ion Ratio Lower Upper

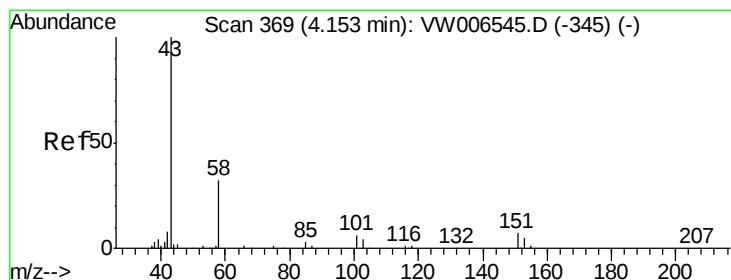
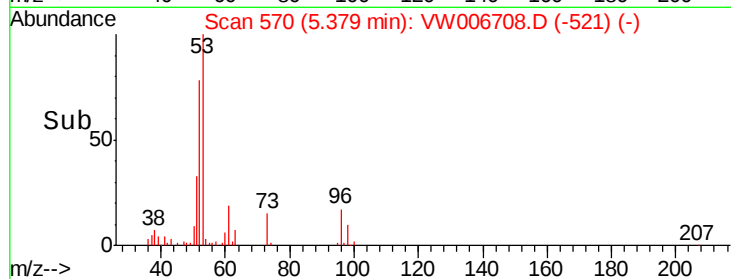
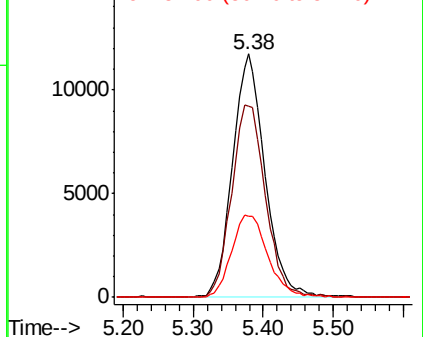
53 100

52 82.2 65.8 98.8

51 37.7 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: 106.581 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006708.D

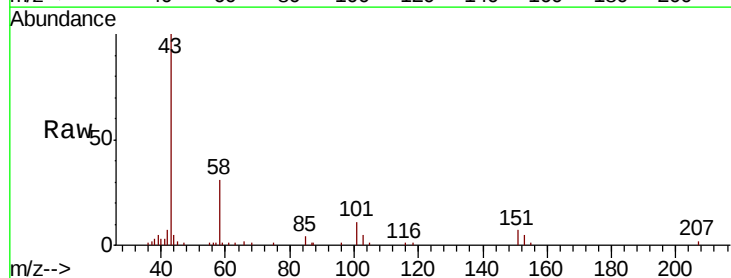
Acq: 07 Nov 2018 02:28

Tgt Ion: 43 Resp: 32725

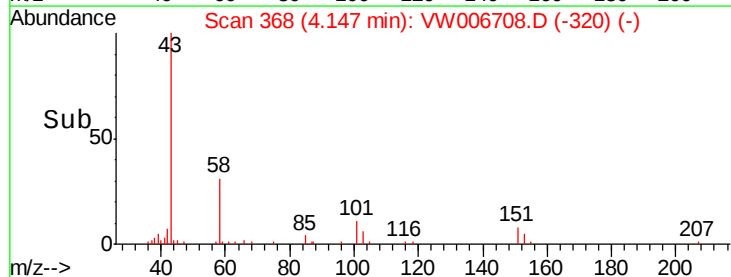
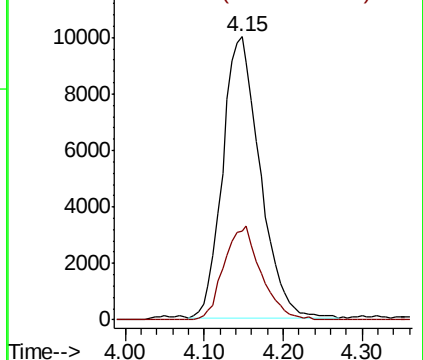
Ion Ratio Lower Upper

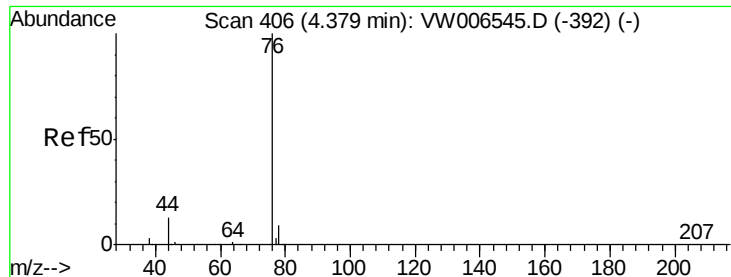
43 100

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: 21.751 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

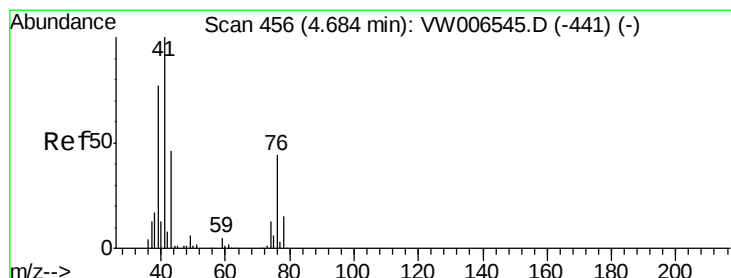
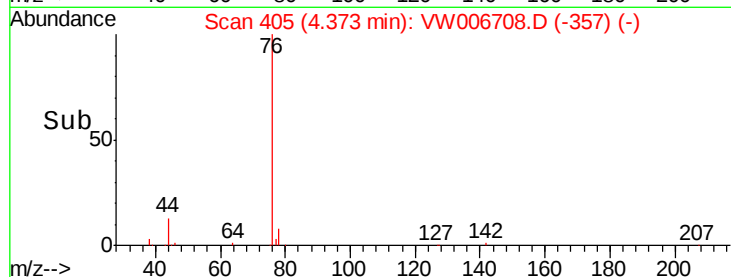
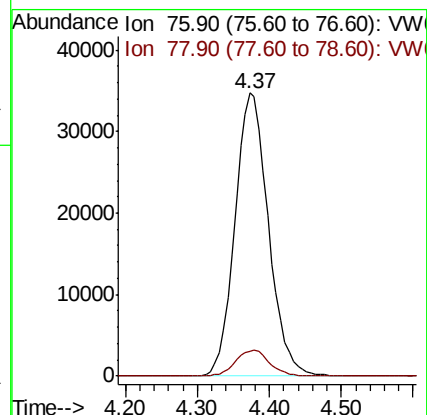
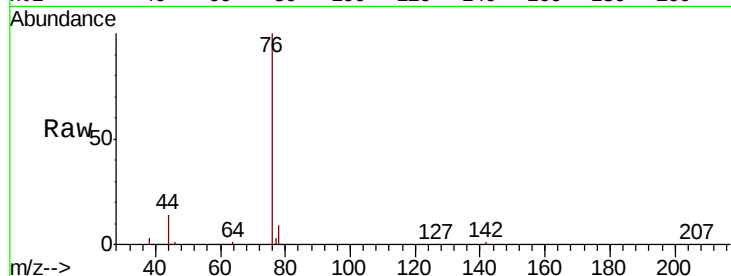
VW1106SBS02

Tot Ion: 76 Resp: 111701

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



#18

Methyl Acetate

Concen: 21.051 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006708.D

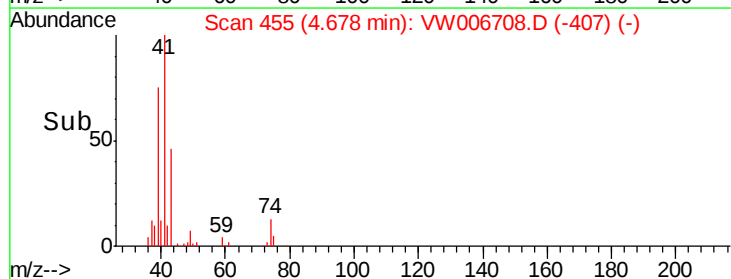
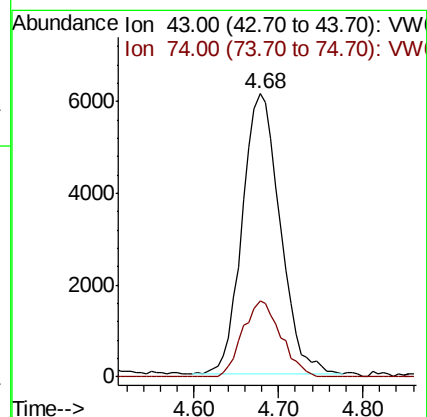
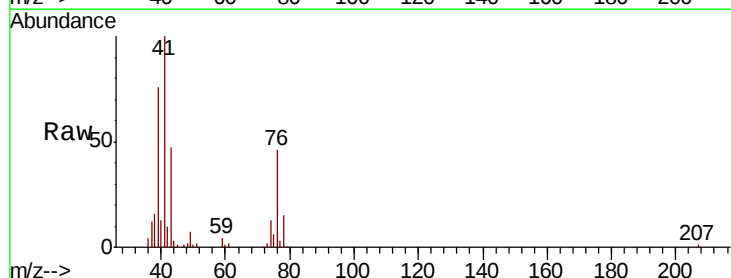
Acq: 07 Nov 2018 02:28

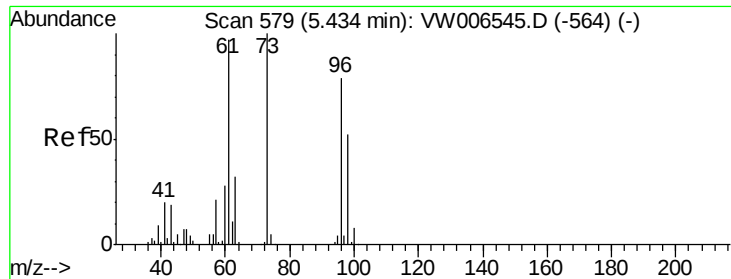
Tgt Ion: 43 Resp: 18586

Ion Ratio Lower Upper

43 100

74 27.5 21.9 32.9

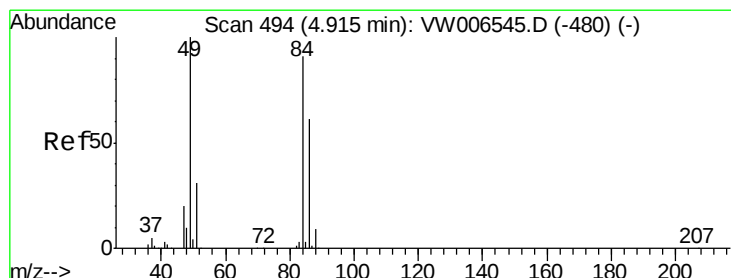
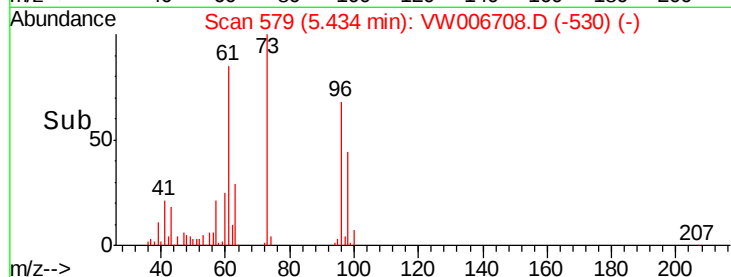
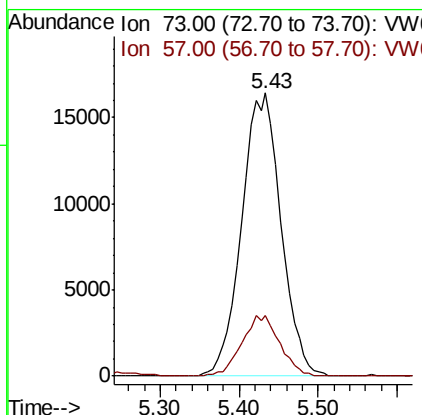
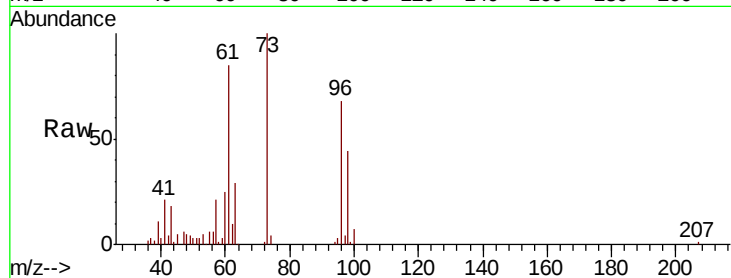




#19
Methyl tert-butyl Ether
Concen: 21.186 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

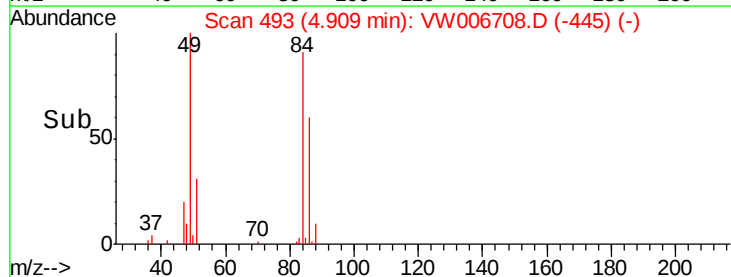
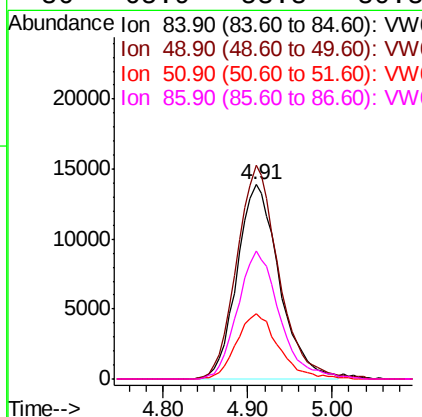
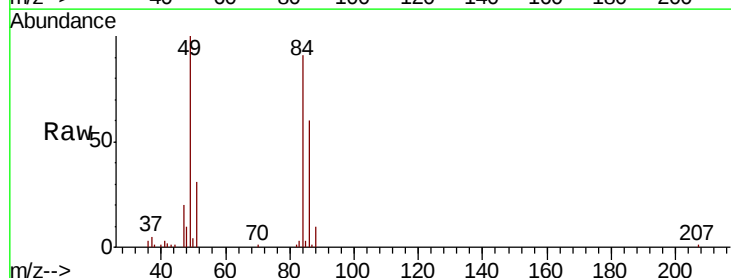
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion: 73 Resp: 56911
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1



#20
Methylene Chloride
Concen: 20.151 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 84 Resp: 47193
Ion Ratio Lower Upper
84 100
49 110.0 88.2 132.4
51 33.8 27.0 40.6
86 65.9 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.797 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

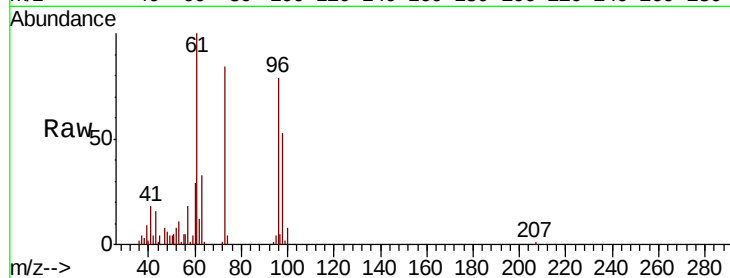
Tot Ion: 96 Resp: 44510

Ion Ratio Lower Upper

96 100

61 127.0 100.6 150.8

98 67.5 52.9 79.3

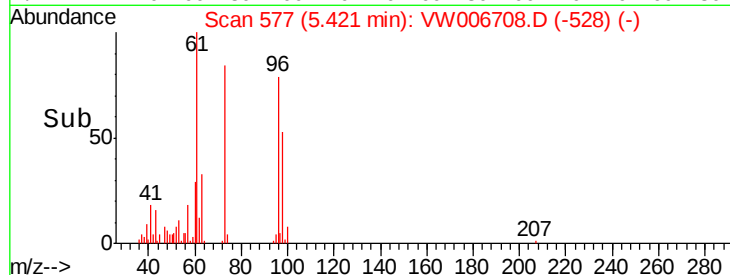
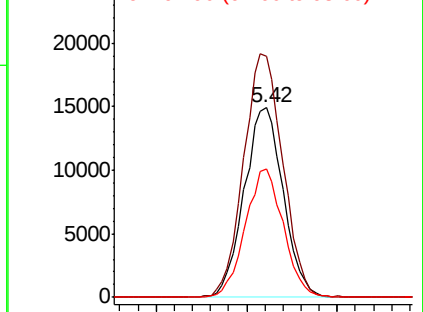


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 22.311 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion: 45 Resp: 109568

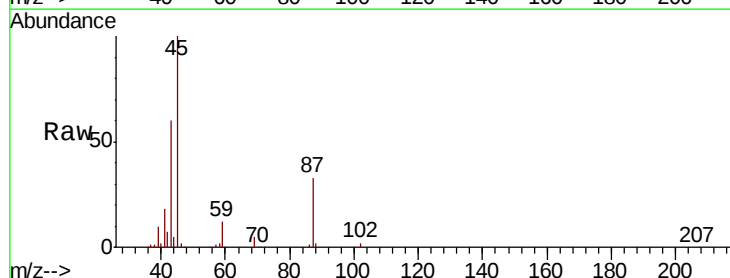
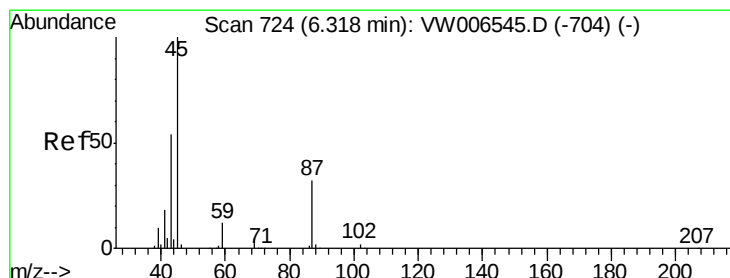
Ion Ratio Lower Upper

45 100

43 59.5 43.6 65.4

87 32.6 26.3 39.5

59 12.2 9.8 14.8



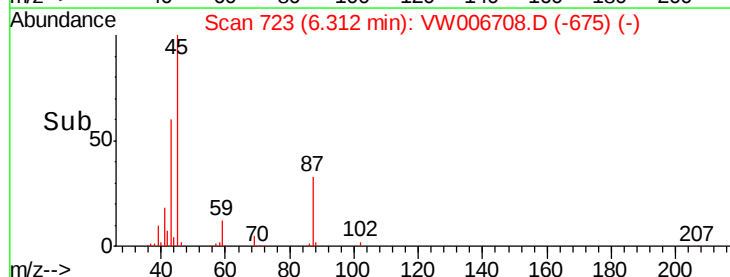
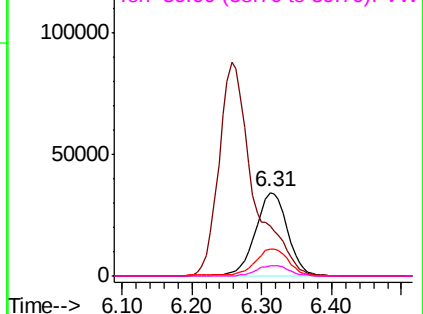
Abundance

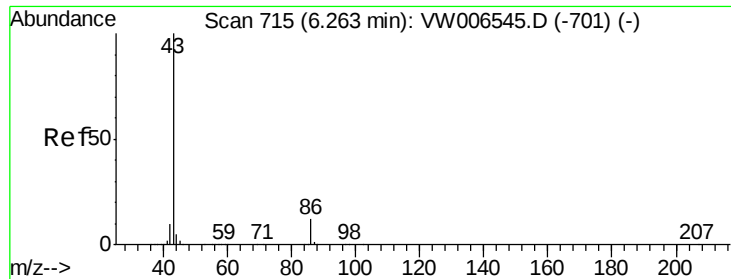
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 109.399 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

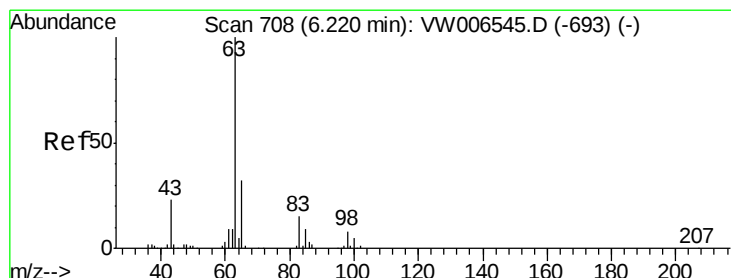
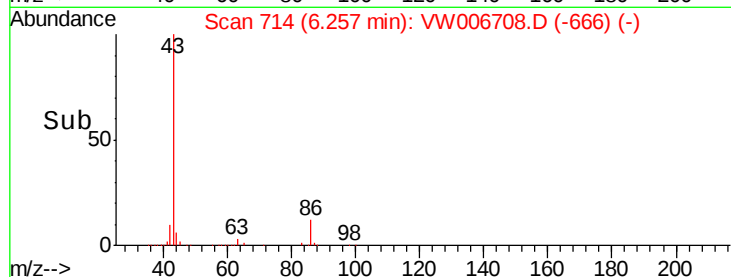
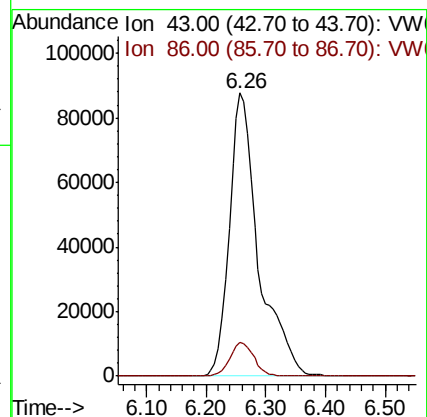
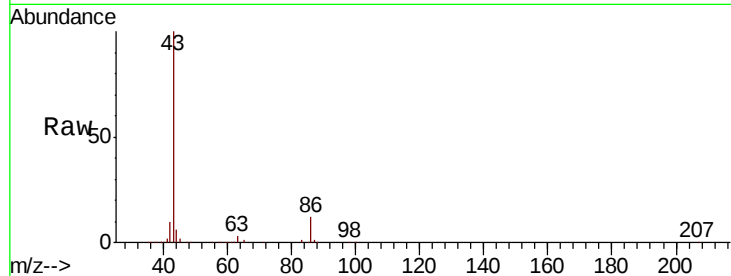
VW1106SBS02

Tot Ion: 43 Resp: 297932

Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.8



#24

1,1-Dichloroethane

Concen: 22.385 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

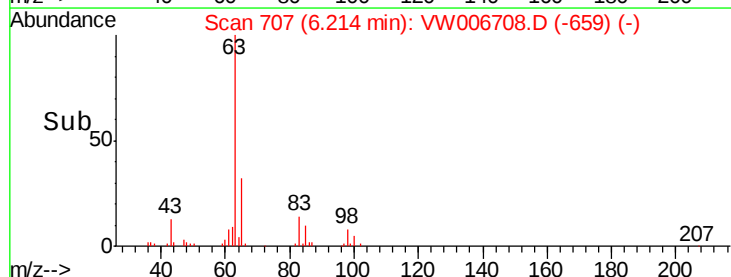
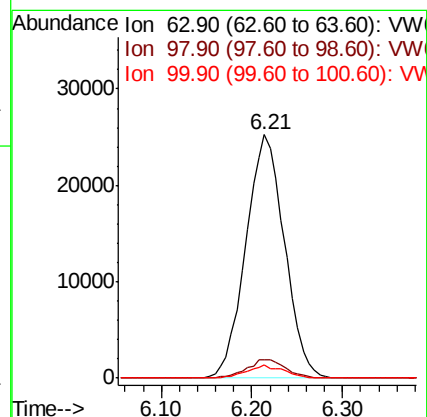
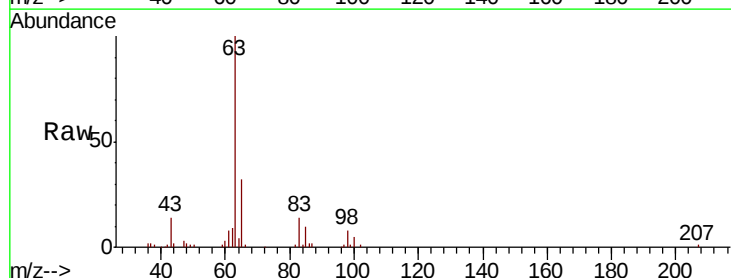
Tgt Ion: 63 Resp: 74505

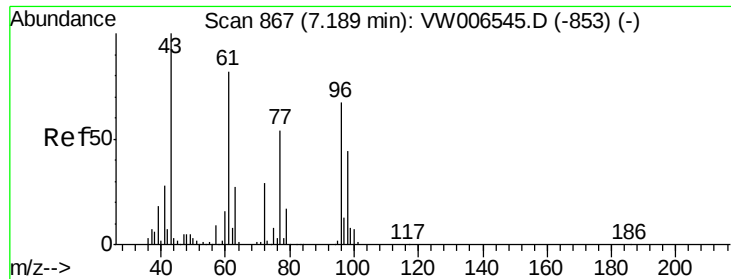
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 107.036 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

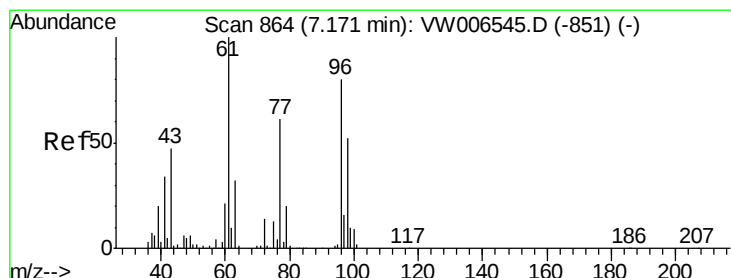
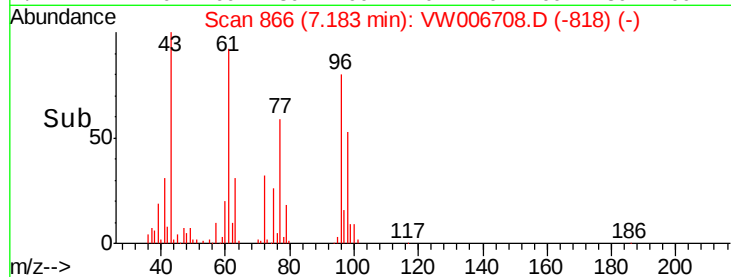
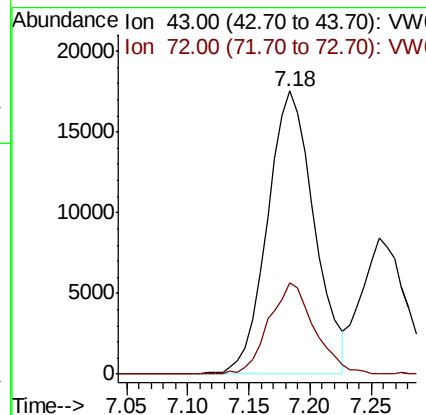
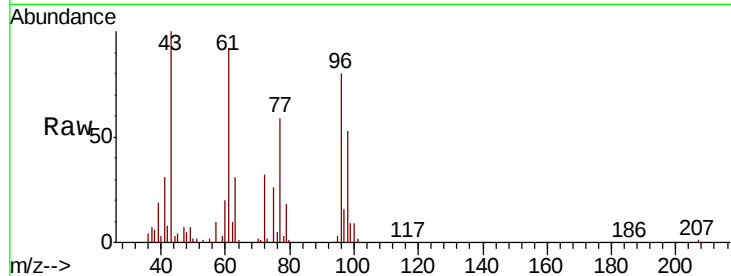
VW1106SBS02

Tot Ion: 43 Resp: 46897

Ion Ratio Lower Upper

43 100

72 32.3 23.2 34.8



#26

2,2-Dichloropropane

Concen: 21.428 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006708.D

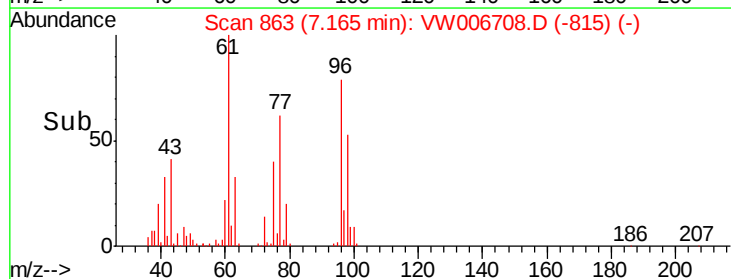
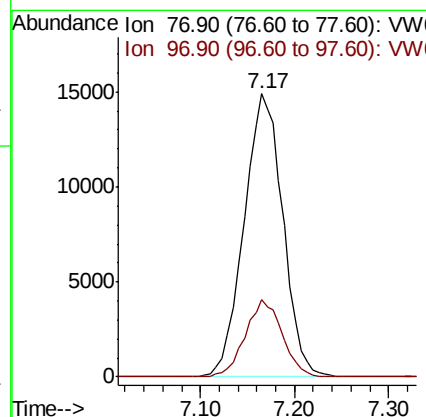
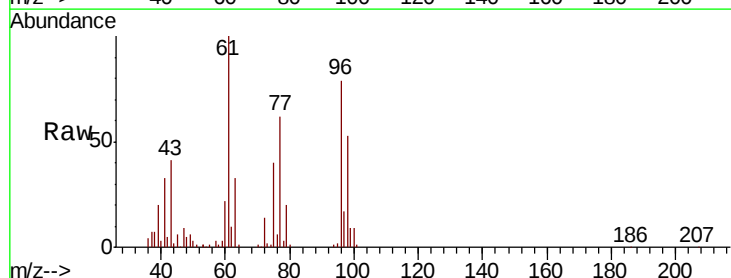
Acq: 07 Nov 2018 02:28

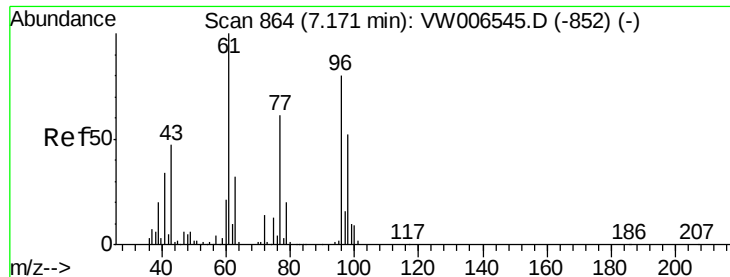
Tgt Ion: 77 Resp: 42962

Ion Ratio Lower Upper

77 100

97 25.8 12.8 38.4



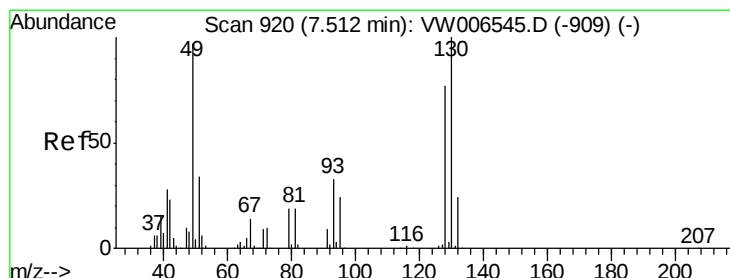
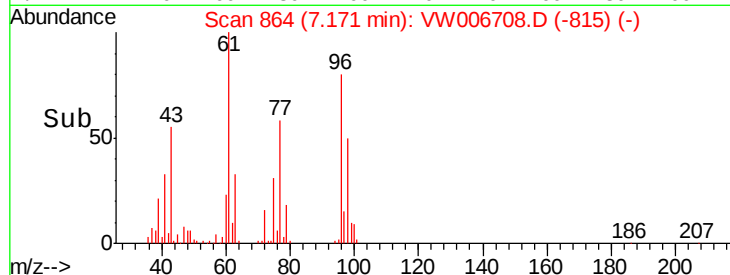
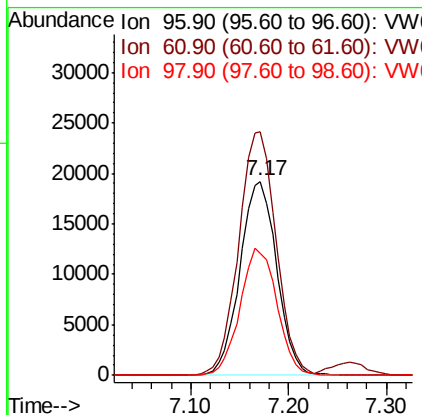
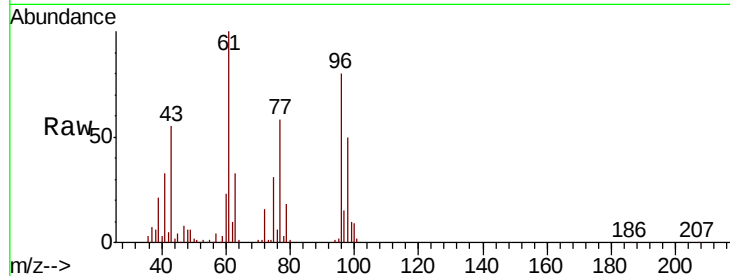


#27

cis-1,2-Dichloroethene
Concen: 22.030 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

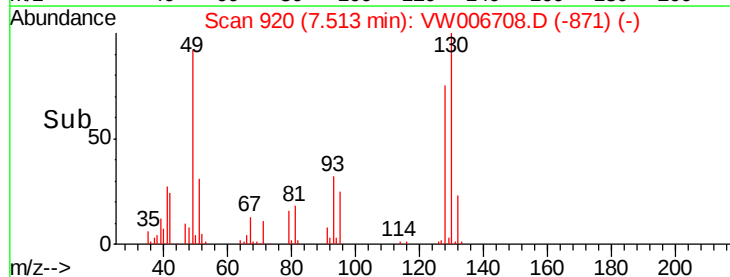
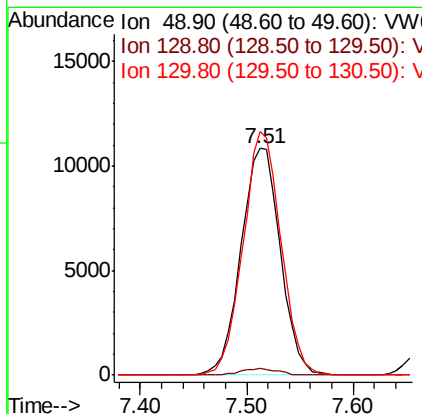
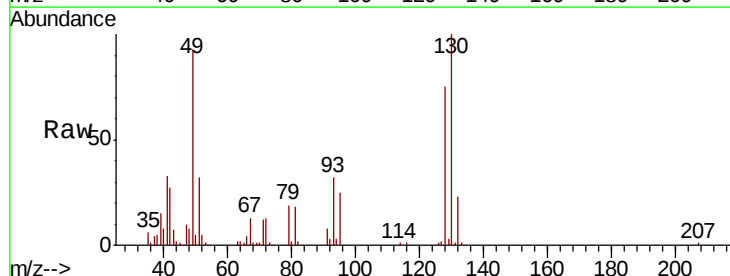
Tot Ion: 96 Resp: 50330
Ion Ratio Lower Upper
96 100
61 127.6 0.0 254.2
98 65.4 0.0 129.6

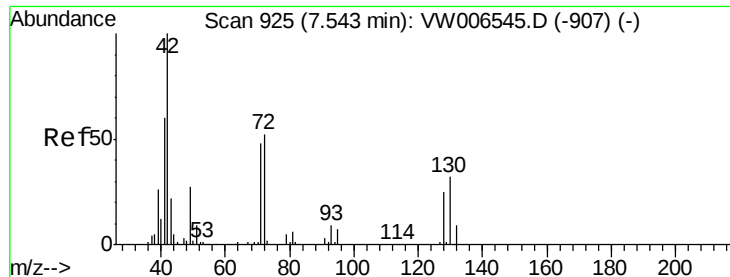


#28

Bromochloromethane
Concen: 21.309 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 49 Resp: 28162
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 103.2 82.2 123.2

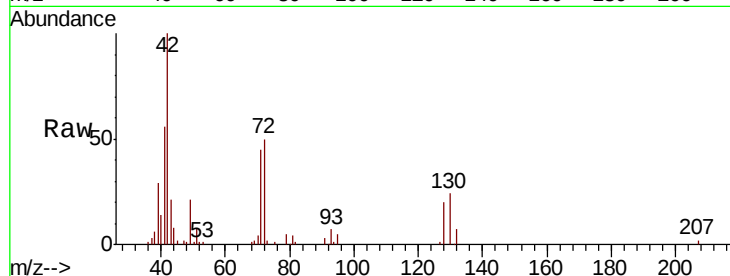




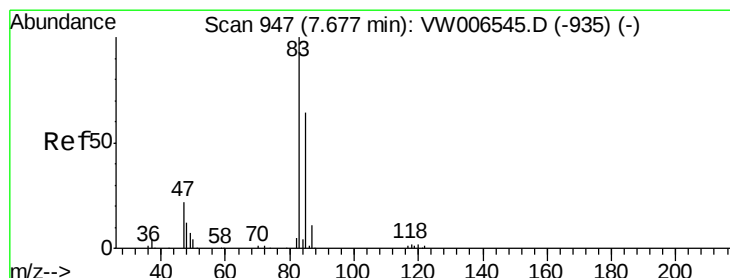
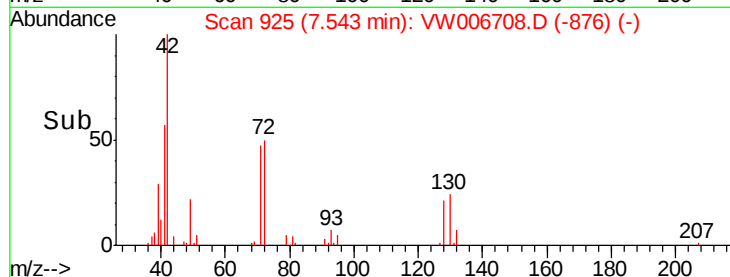
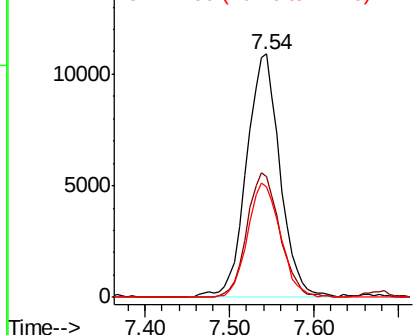
#29
Tetrahydrofuran
Concen: 107.007 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion: 42 Resp: 29489
Ion Ratio Lower Upper
42 100
72 50.0 39.2 58.8
71 45.7 37.6 56.4

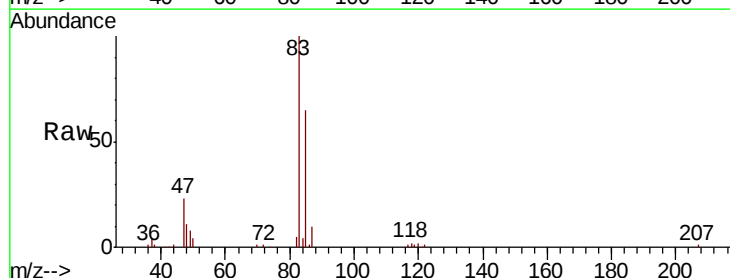


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

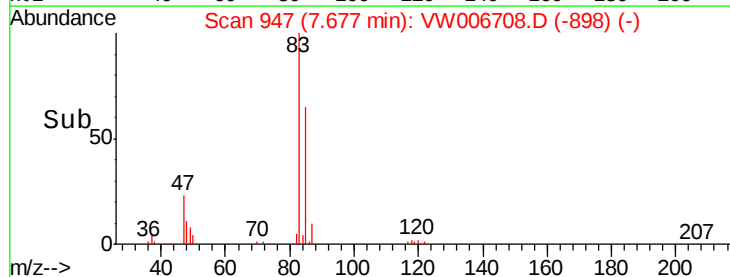
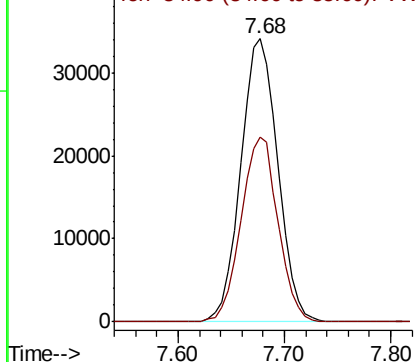


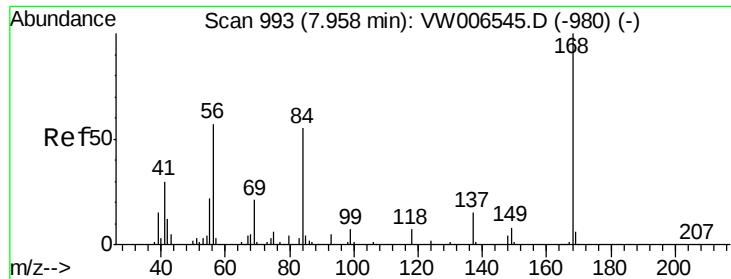
#30
Chloroform
Concen: 22.748 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 83 Resp: 83011
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9



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

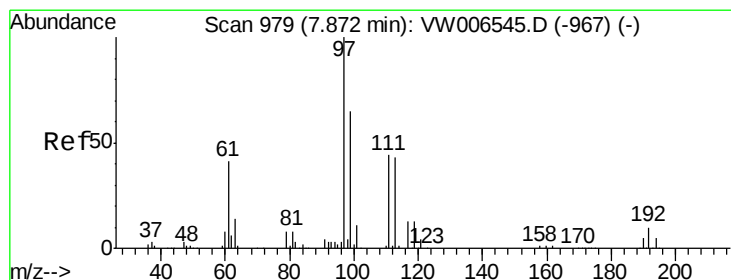
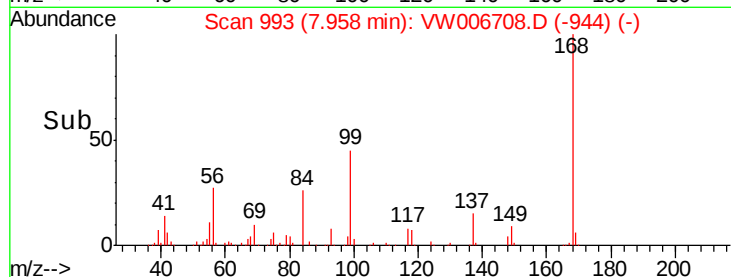
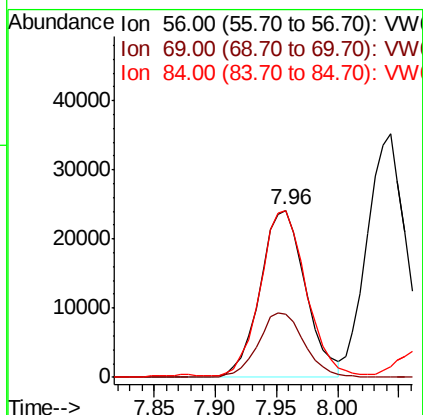
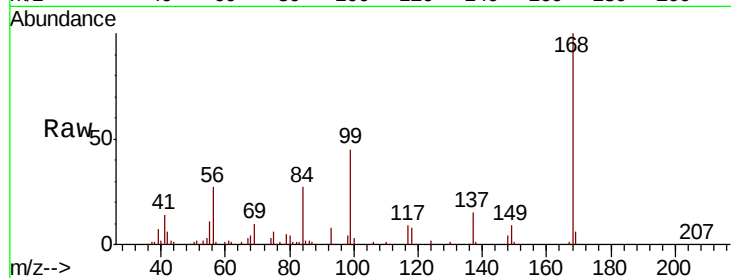




#31
Cyclohexane
Concen: 20.630 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

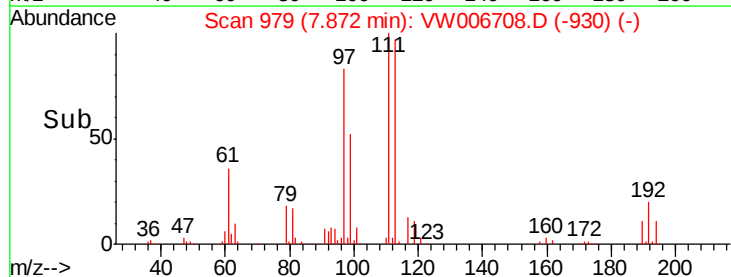
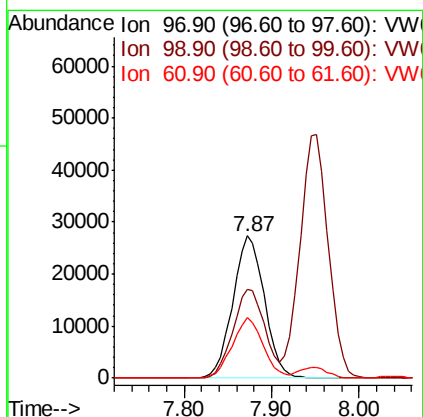
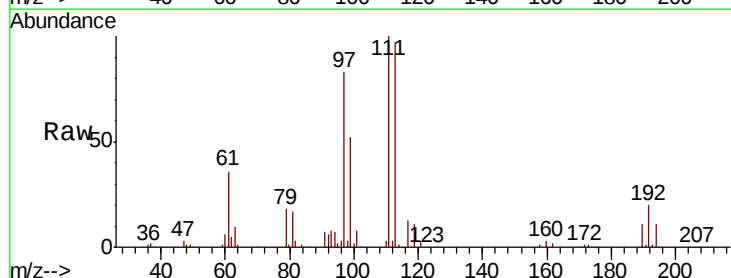
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

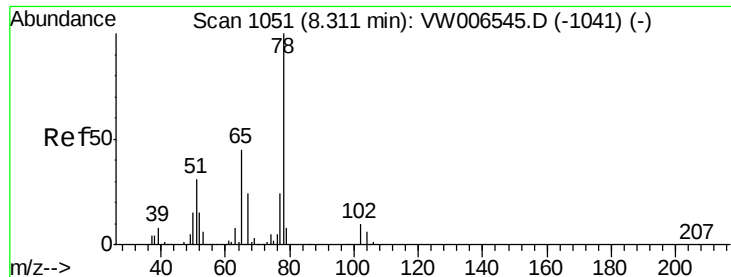
Tot Ion: 56 Resp: 62493
Ion Ratio Lower Upper
56 100
69 38.0 29.0 43.4
84 98.3 77.8 116.6



#32
1,1,1-Trichloroethane
Concen: 22.197 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 97 Resp: 68541
Ion Ratio Lower Upper
97 100
99 63.0 51.7 77.5
61 41.6 32.9 49.3

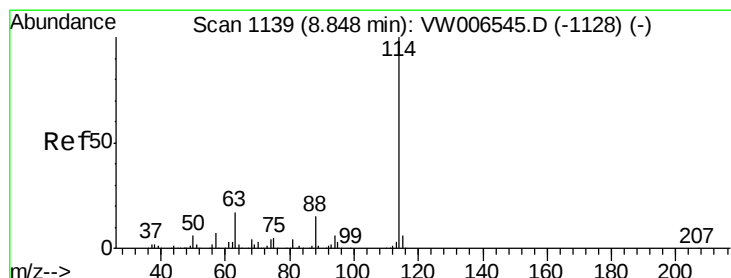
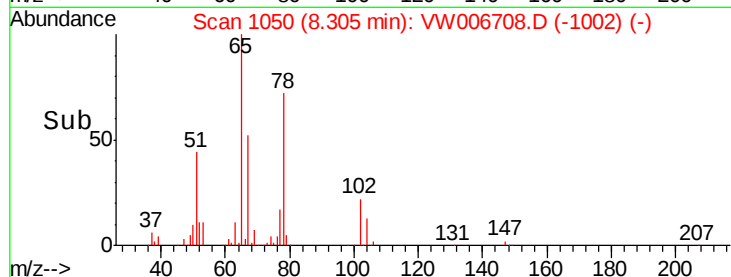
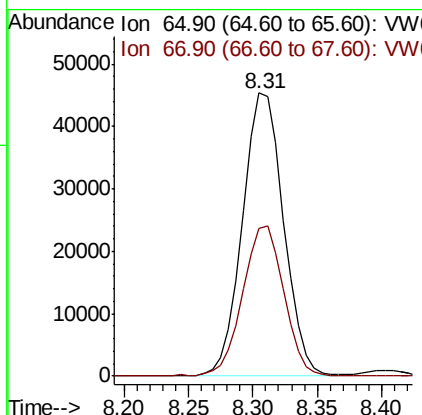
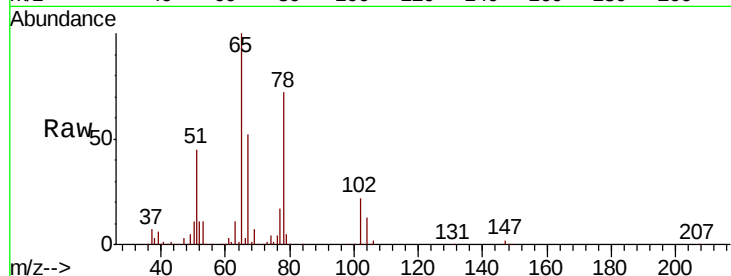




#33
 1,2-Dichloroethane-d4
 Concen: 52.653 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

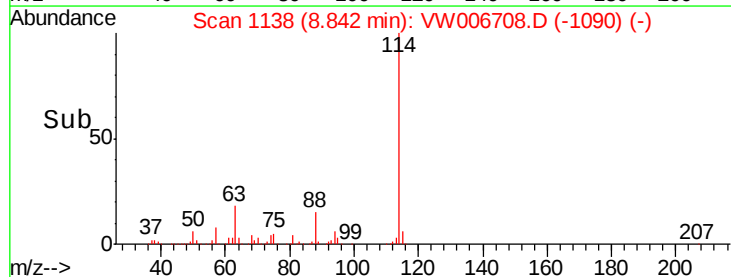
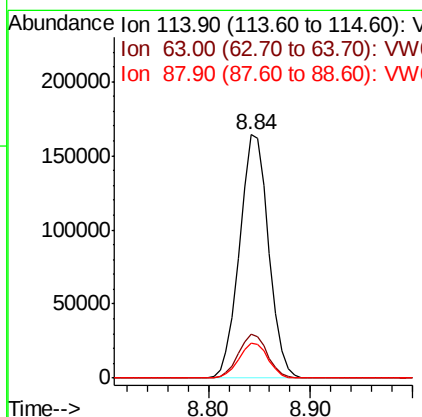
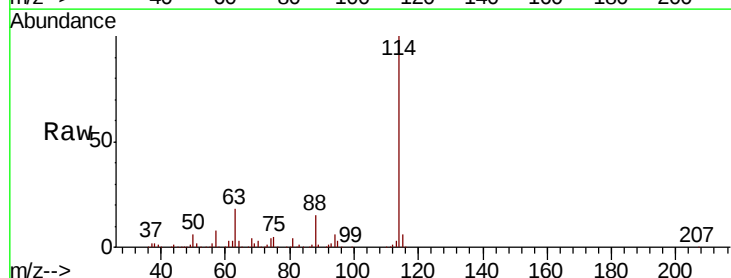
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

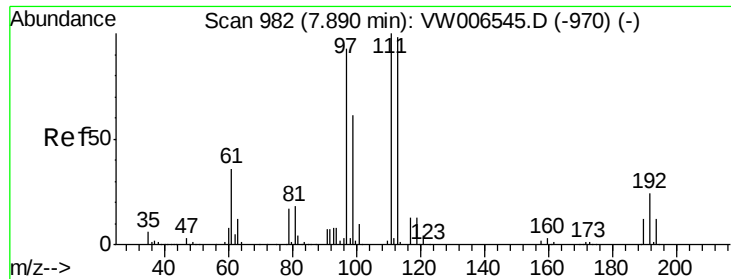
Tot Ion: 65 Resp: 100136
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion: 114 Resp: 324817
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.4
 88 14.6 0.0 29.0

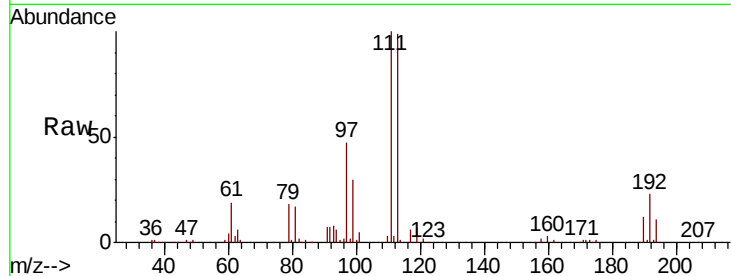




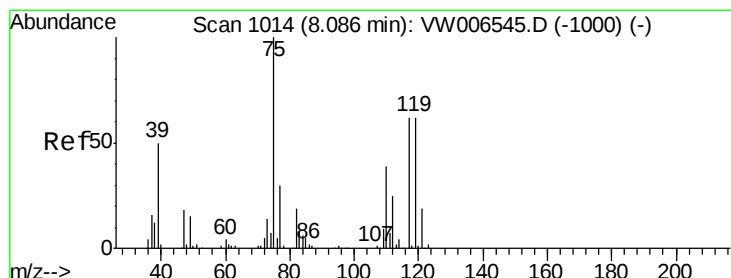
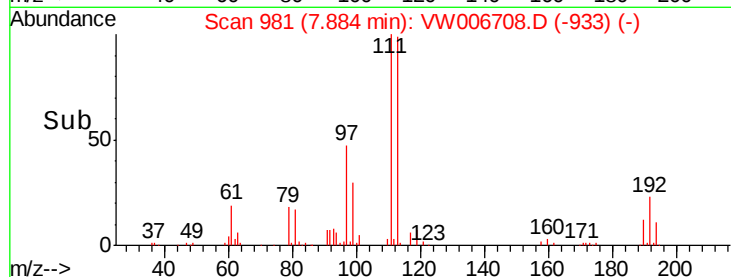
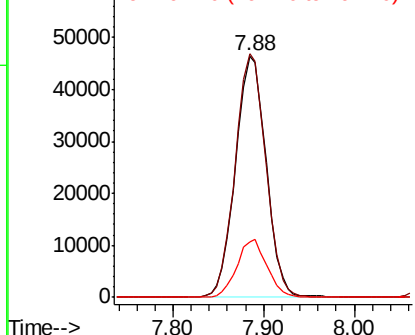
#35
 Dibromofluoromethane
 Concen: 53.378 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion:113 Resp: 108810
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.2
 192 23.3 19.0 28.6

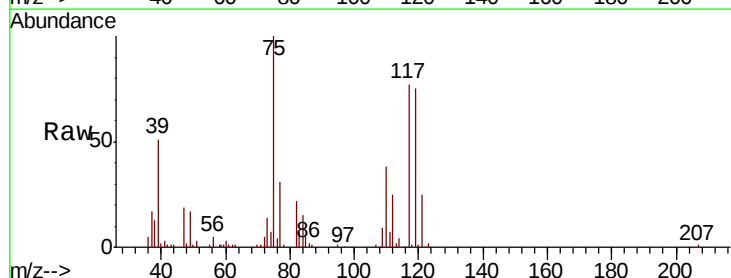


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

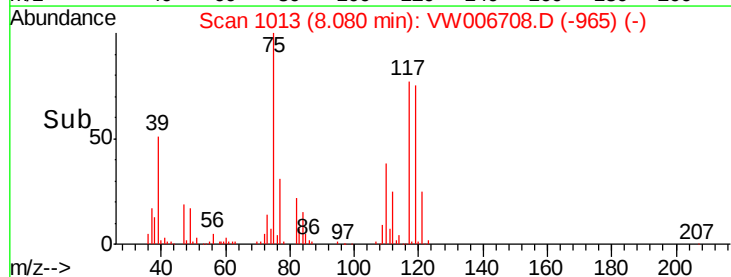
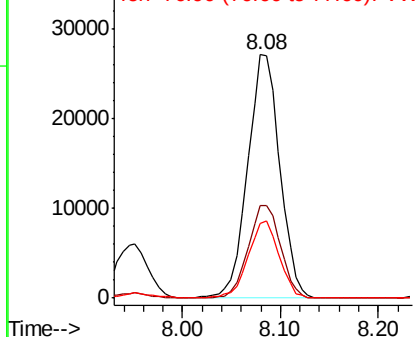


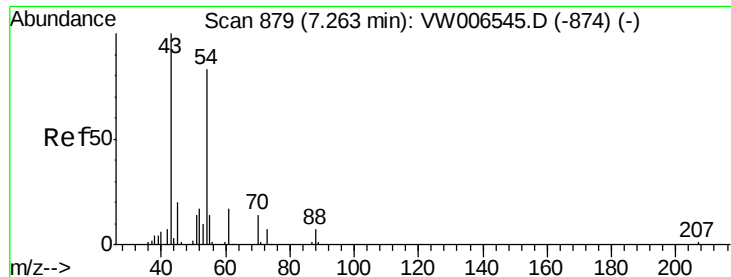
#36
 1,1-Dichloropropene
 Concen: 21.721 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion: 75 Resp: 62045
 Ion Ratio Lower Upper
 75 100
 110 38.2 19.5 58.5
 77 30.7 24.6 37.0



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

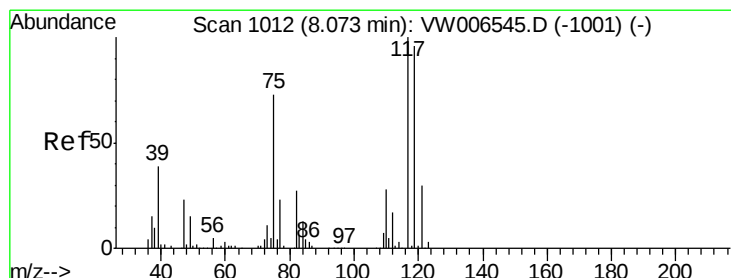
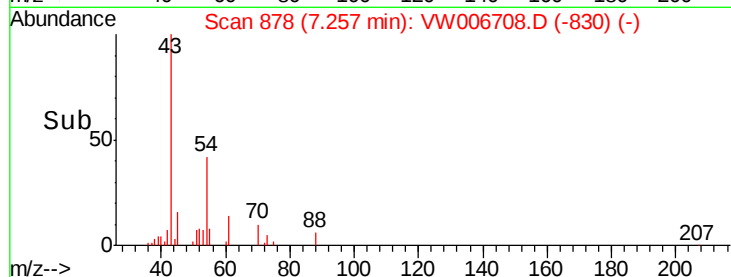
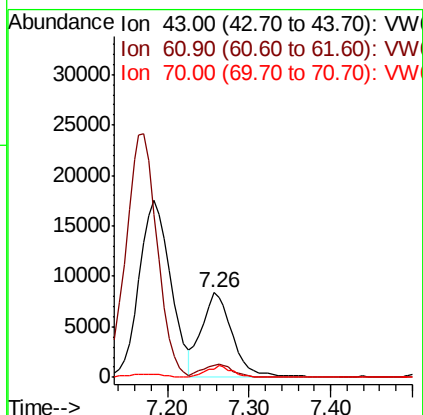
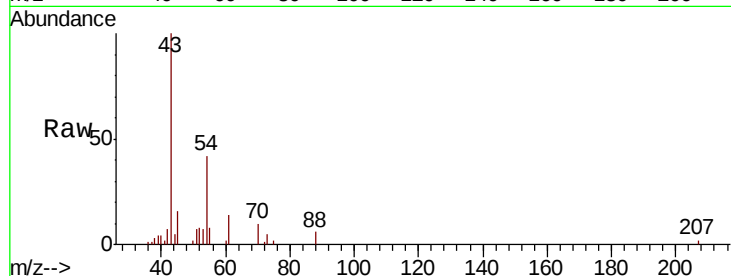




#37
Ethyl Acetate
Concen: 22.587 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

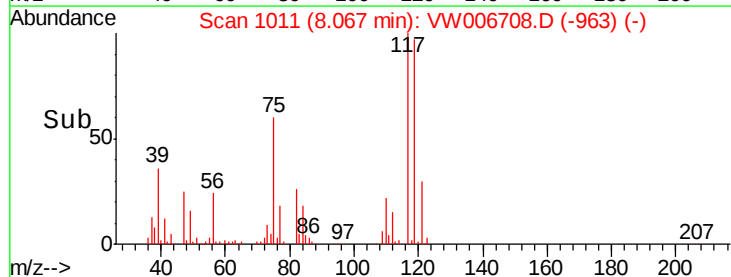
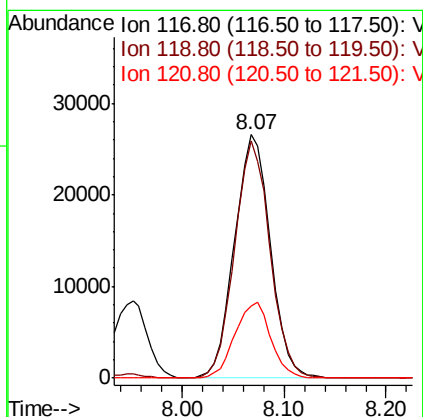
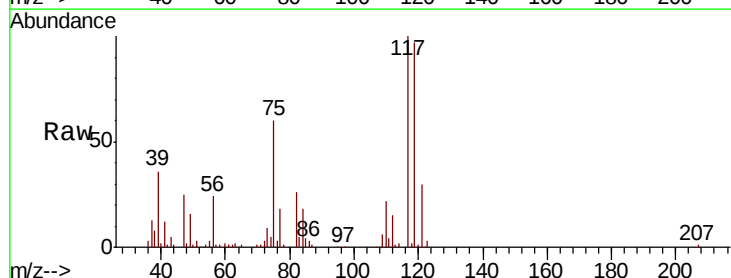
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

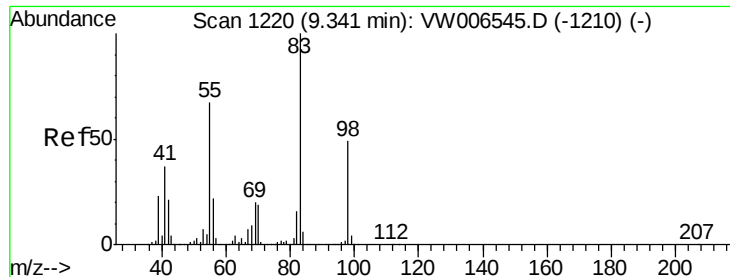
Tot Ion: 43 Resp: 22358
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 11.5 9.8 14.6



#38
Carbon Tetrachloride
Concen: 21.739 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 117 Resp: 64886
Ion Ratio Lower Upper
117 100
119 97.2 76.3 114.5
121 29.5 24.1 36.1

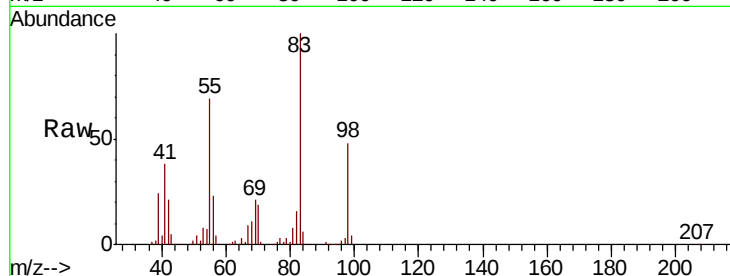




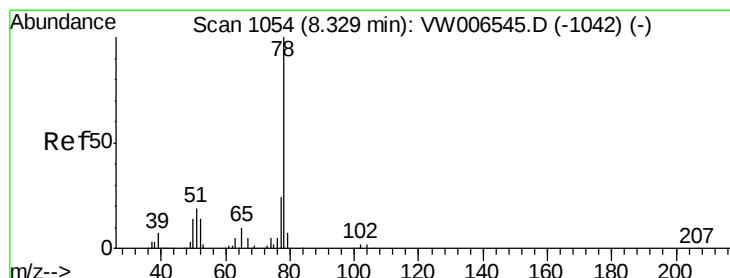
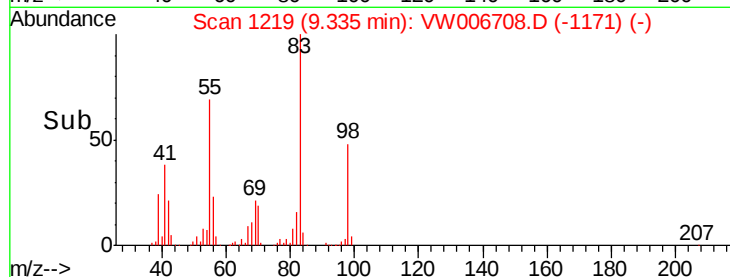
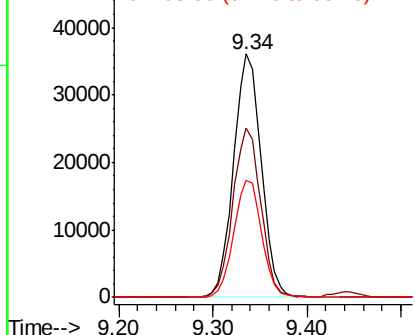
#39
Methvlcvclohexane
Concen: 20.453 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion: 83 Resp: 74141
Ion Ratio Lower Upper
83 100
55 69.3 53.7 80.5
98 47.8 39.2 58.8

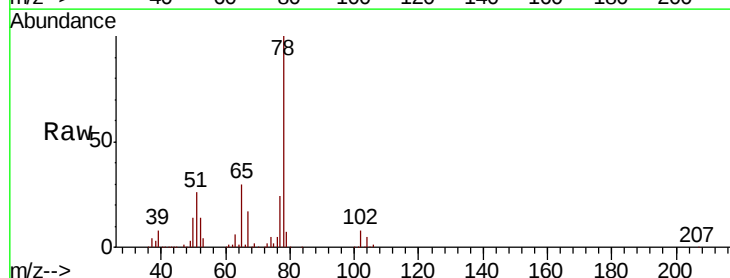


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

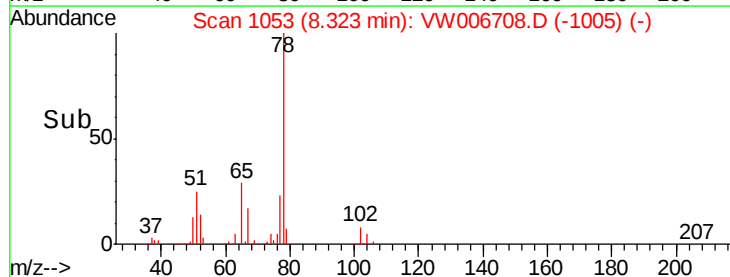
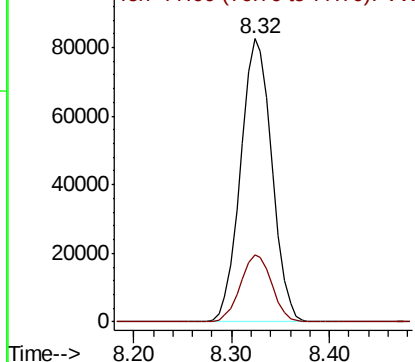


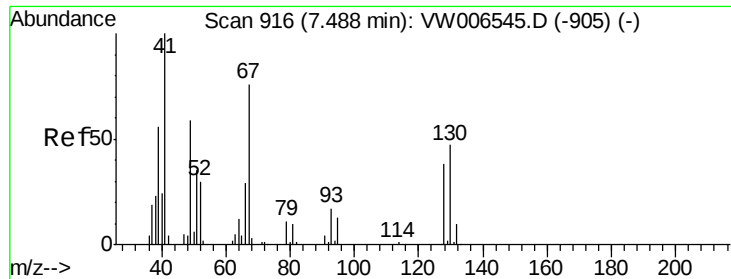
#40
Benzene
Concen: 22.527 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 78 Resp: 182772
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

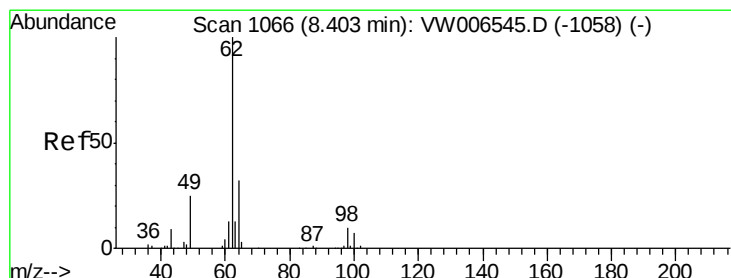
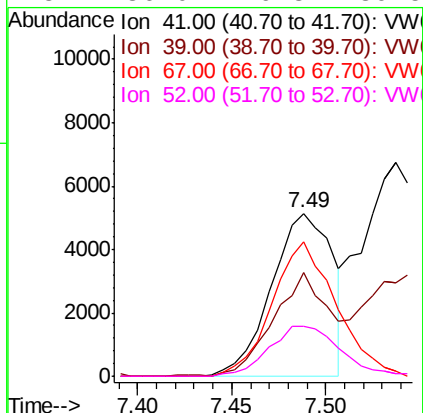
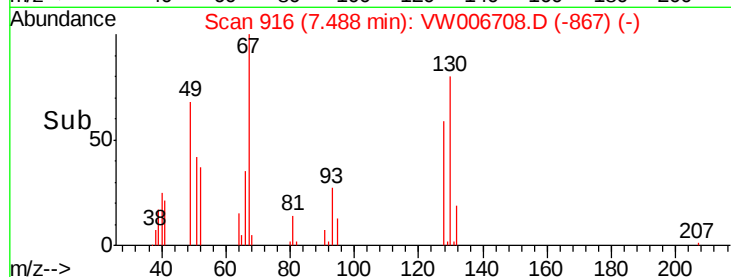
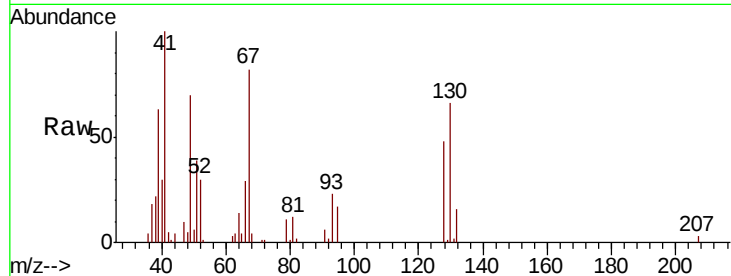




#41
Methacrylonitrile
Concen: 19.064 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

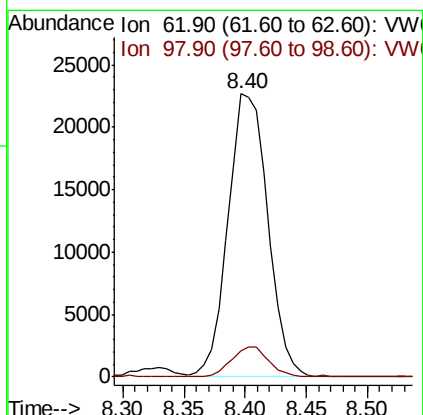
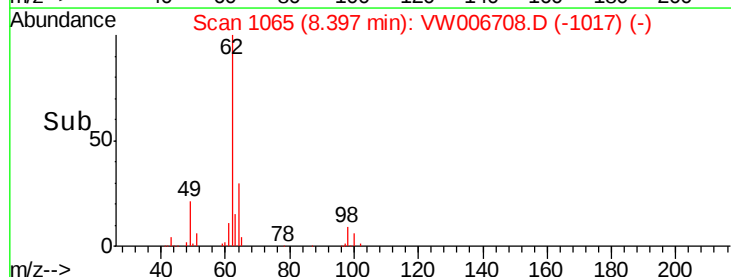
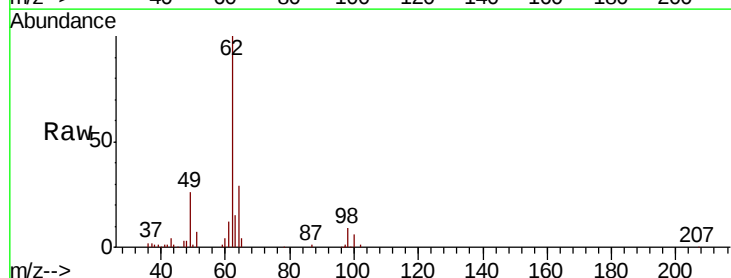
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

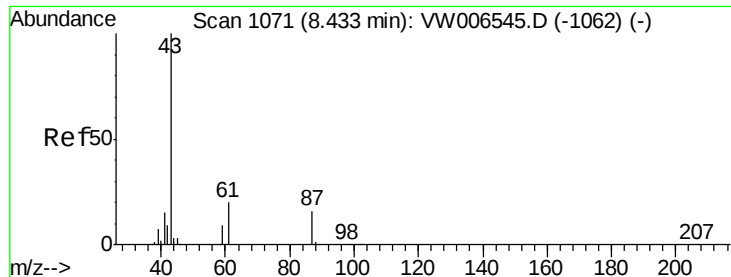
Tot Ion:	41	Resp:	11572
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.5	66.7
67	86.3	63.8	95.8
52	36.0	26.3	39.5



#42
1,2-Dichloroethane
Concen: 21.987 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion:	62	Resp:	51159
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 21.249 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

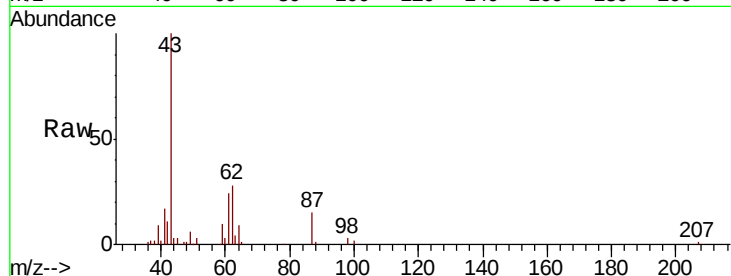
Tot Ion: 43 Resp: 41973

Ion Ratio Lower Upper

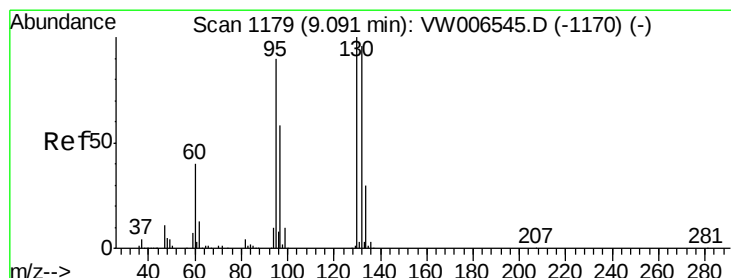
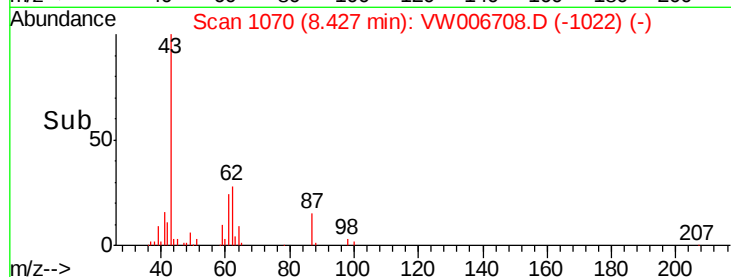
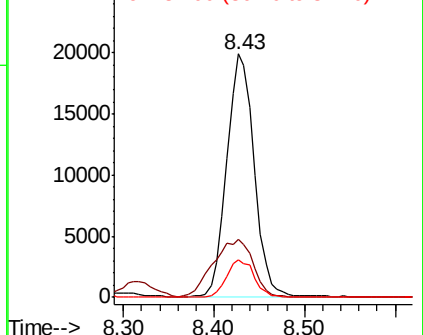
43 100

61 34.5 27.2 40.8

87 15.1 12.9 19.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.831 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006708.D

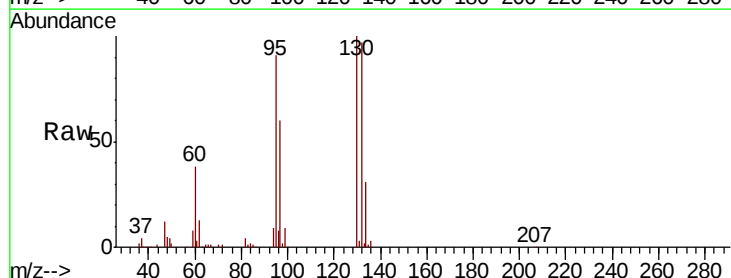
Acq: 07 Nov 2018 02:28

Tgt Ion:130 Resp: 54658

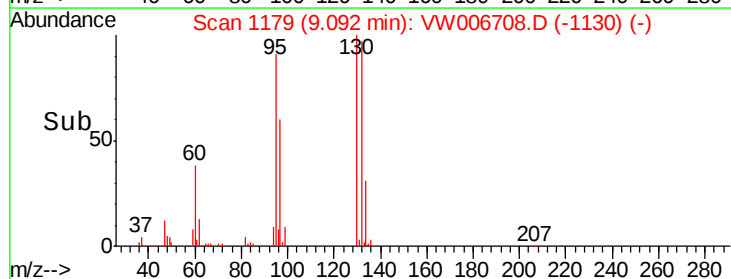
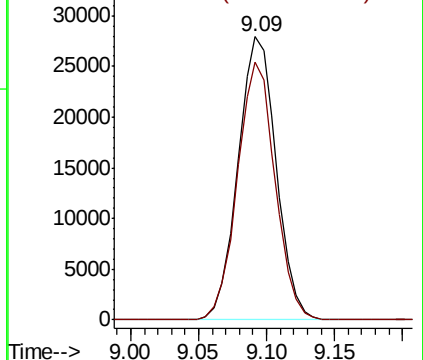
Ion Ratio Lower Upper

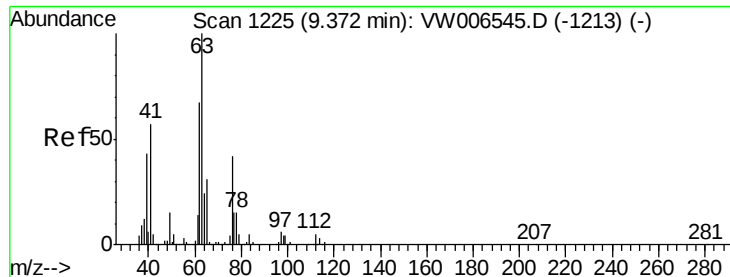
130 100

95 91.2 0.0 179.2



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

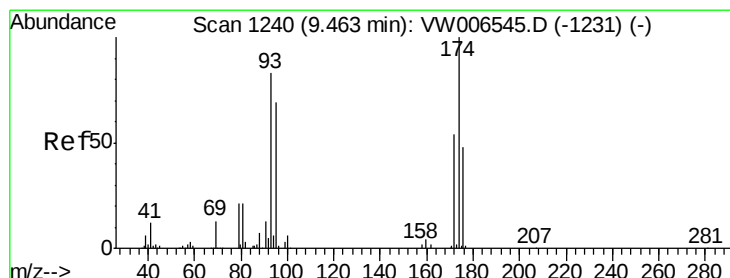
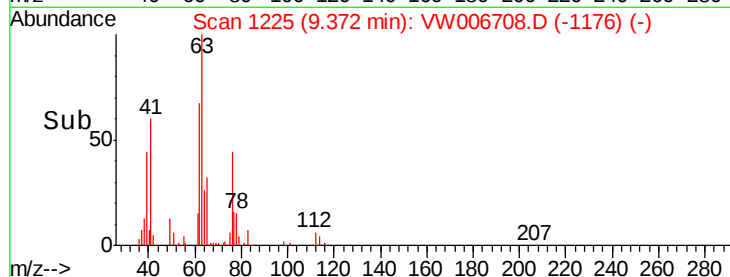
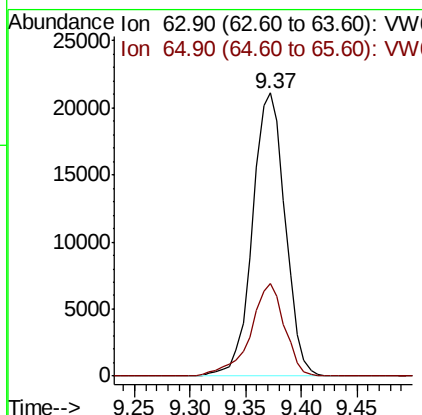
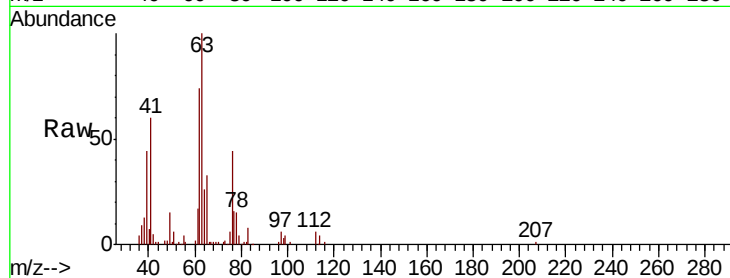




#45
 1,2-Dichloropropane
 Concen: 22.842 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

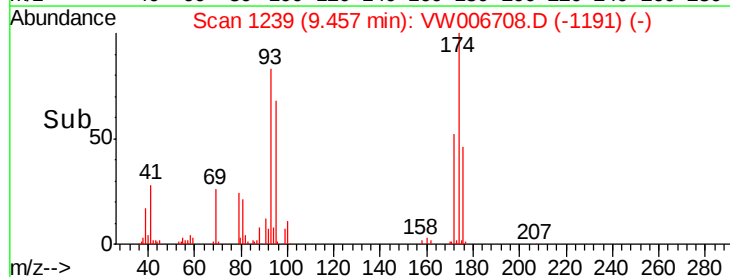
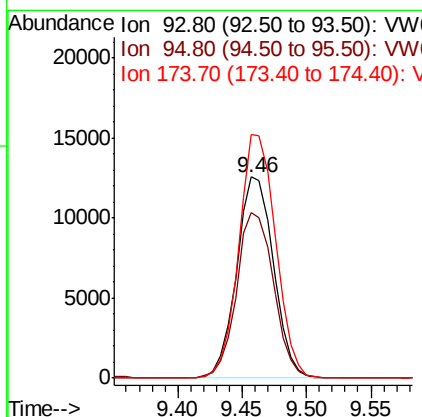
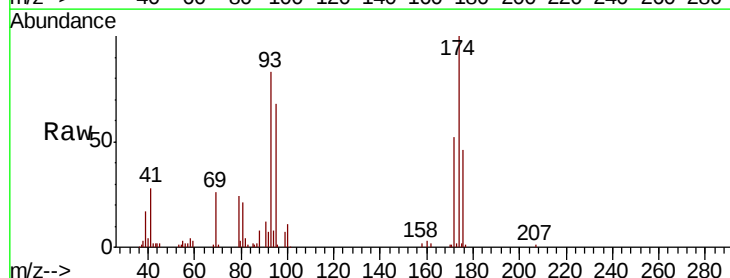
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

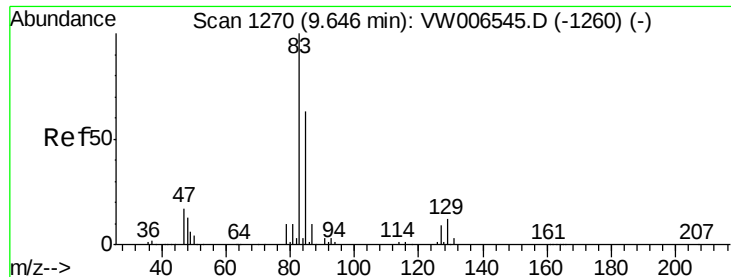
Tot Ion: 63 Resp: 43129
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.1 37.7



#46
 Dibromomethane
 Concen: 22.436 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion: 93 Resp: 24902
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 121.0 97.3 145.9

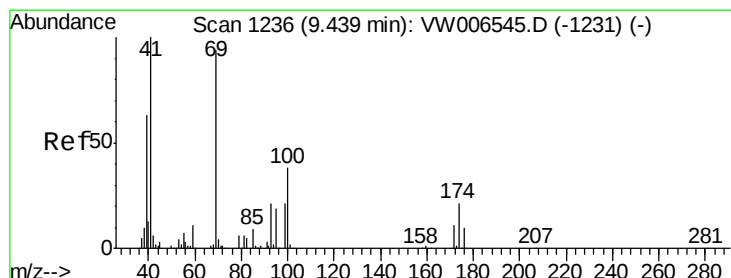
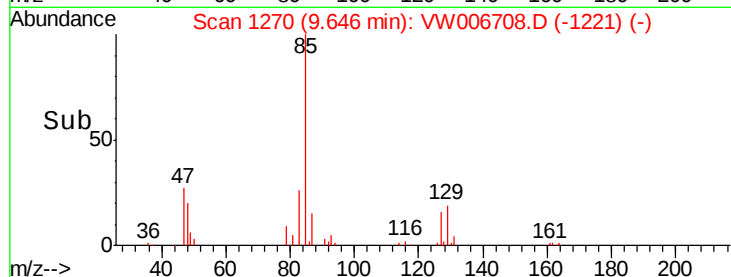
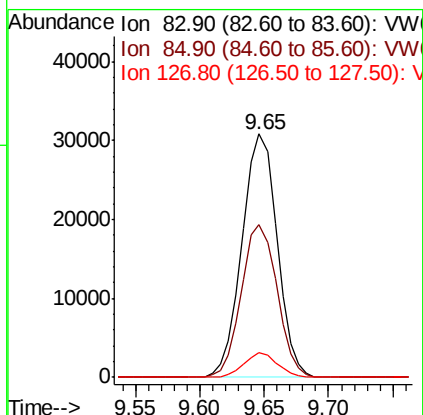
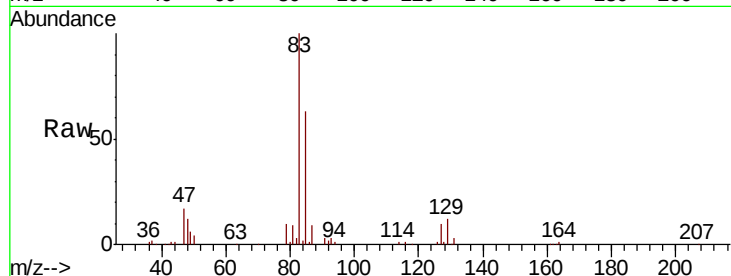




#47
 Bromodichloromethane
 Concen: 22.634 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

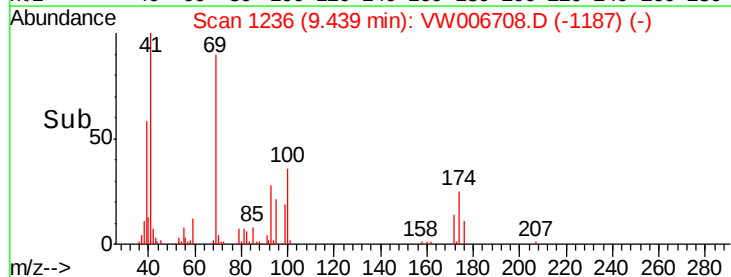
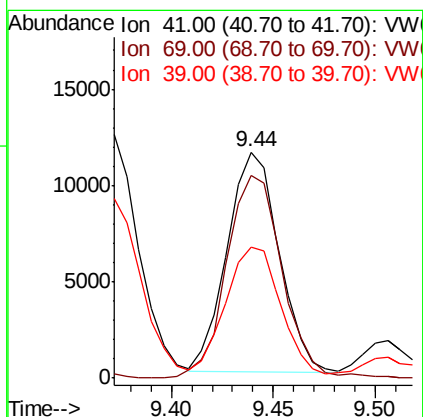
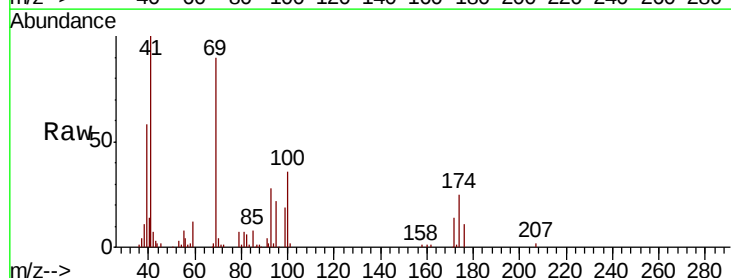
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

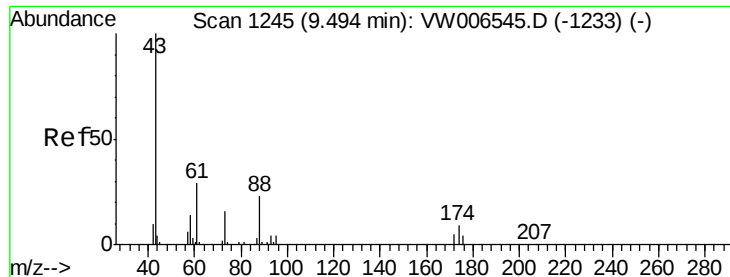
Tot Ion	83	Resp	58330
Ion Ratio	100		
Lower	50.6		
Upper	75.8		
85	62.7		
127	10.1		
	7.5		
	11.3		



#48
 Methyl methacrylate
 Concen: 21.138 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	41	Resp	20117
Ion Ratio	100		
Lower	77.8		
Upper	116.8		
69	99.2		
39	64.2		
	48.7		
	73.1		

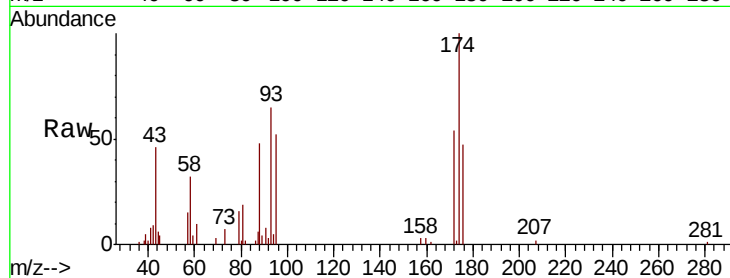




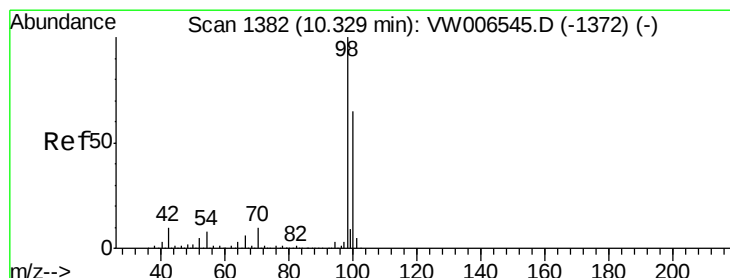
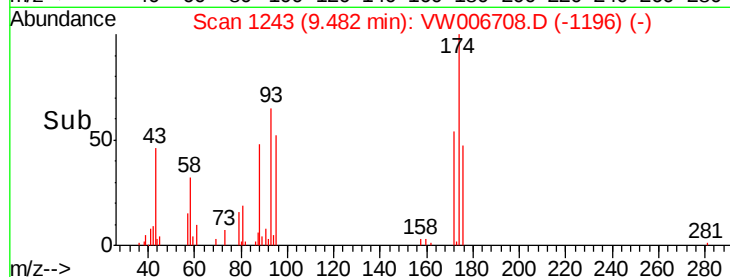
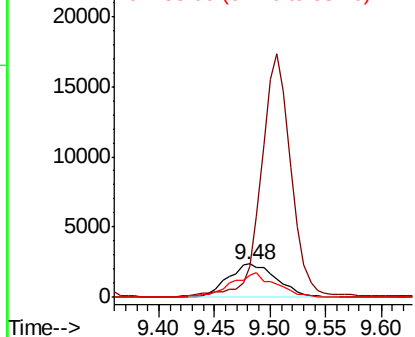
#49
 1,4-Dioxane
 Concen: 452.920 ug/l
 RT: 9.48 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion: 88 Resp: 7357
 Ion Ratio Lower Upper
 88 100
 43 0.0 356.6 534.8#
 58 65.9 51.4 77.2

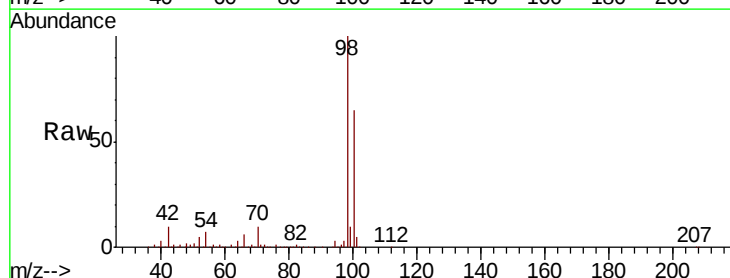


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

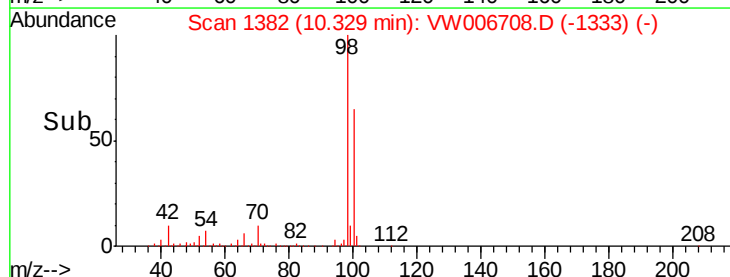
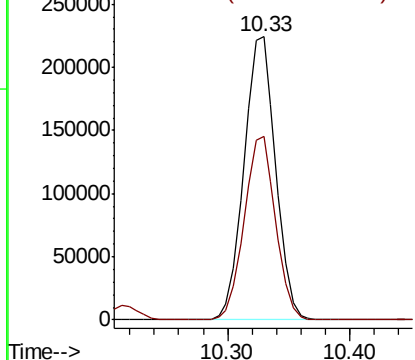


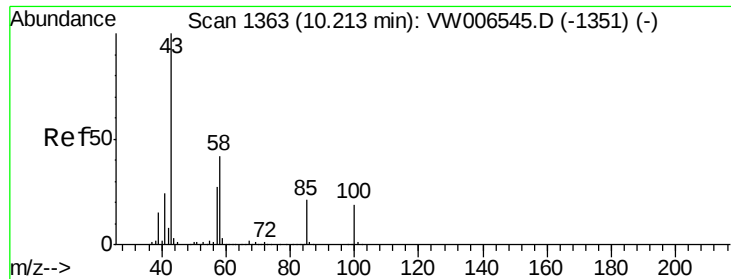
#50
 Toluene-d8
 Concen: 51.808 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion: 98 Resp: 402041
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 105.546 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

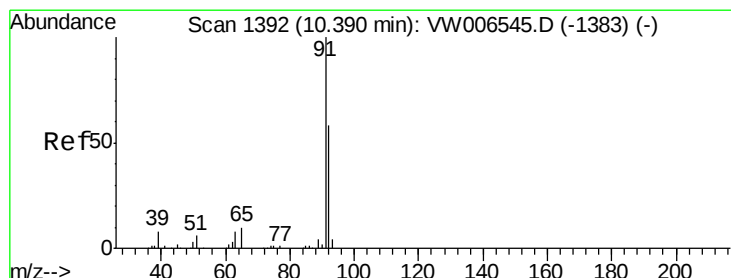
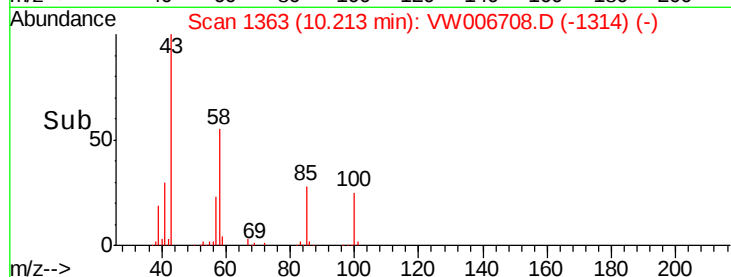
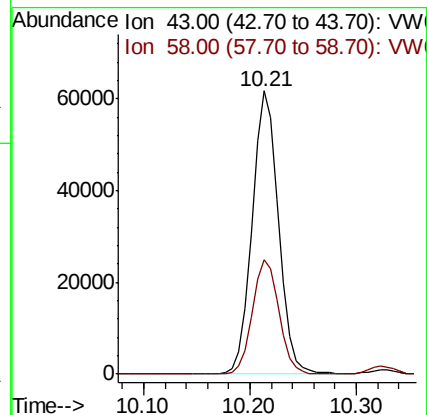
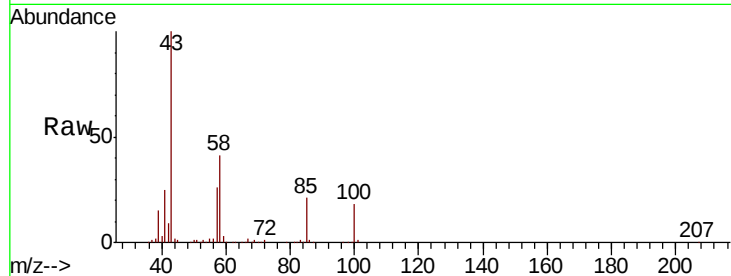
VW1106SBS02

Tot Ion: 43 Resp: 107074

Ion Ratio Lower Upper

43 100

58 40.8 33.4 50.0



#52

Toluene

Concen: 21.884 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006708.D

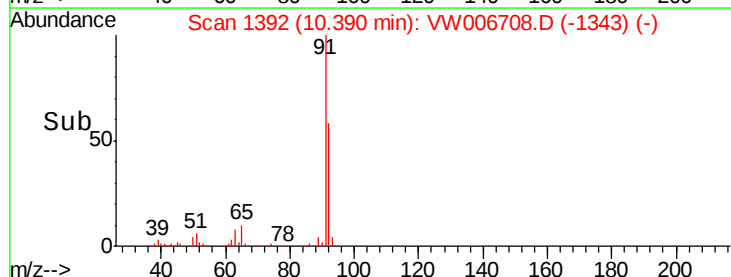
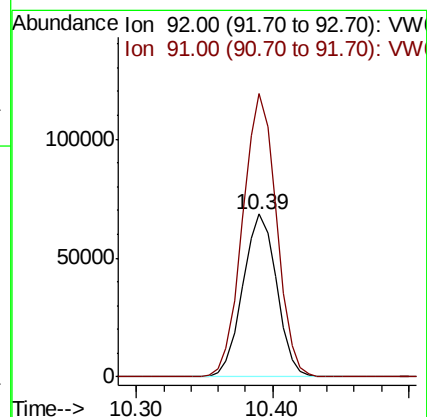
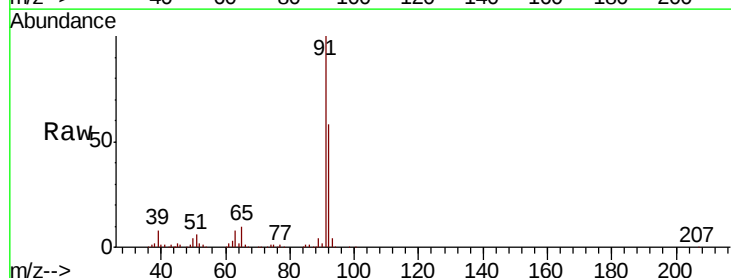
Acq: 07 Nov 2018 02:28

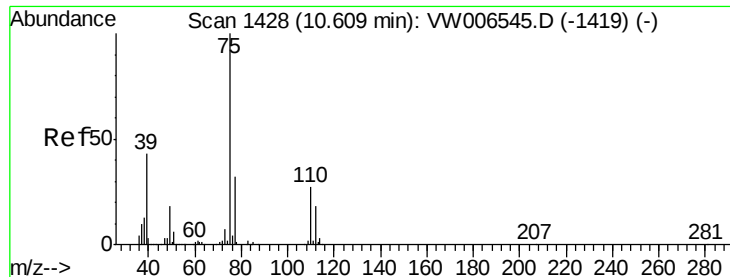
Tgt Ion: 92 Resp: 119090

Ion Ratio Lower Upper

92 100

91 173.8 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.349 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

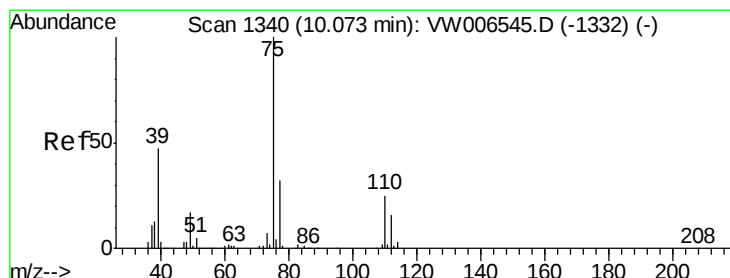
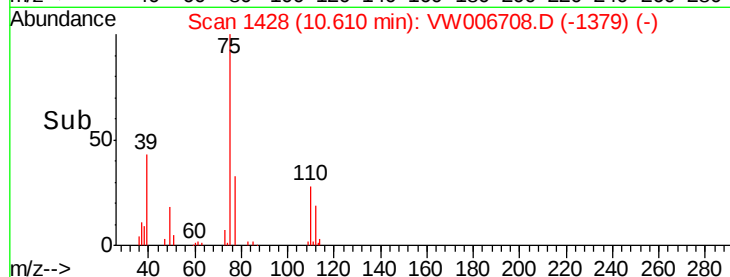
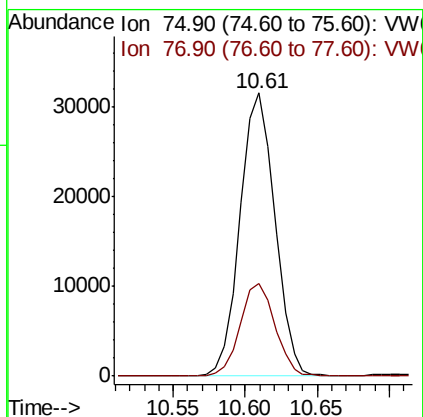
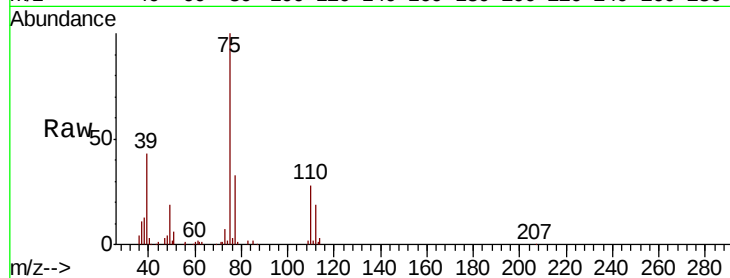
VW1106SBS02

Tot Ion: 75 Resp: 52951

Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.684 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

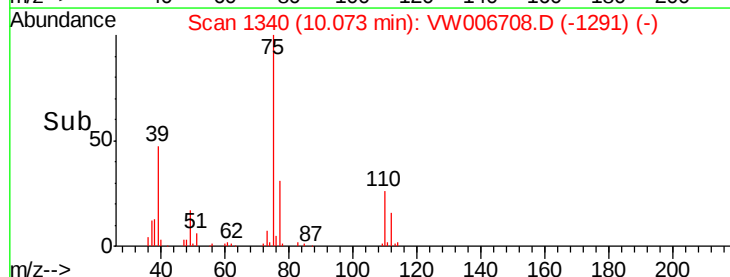
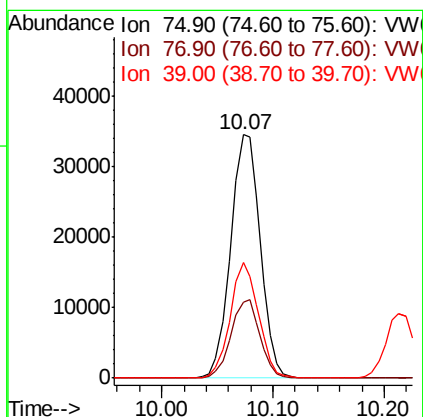
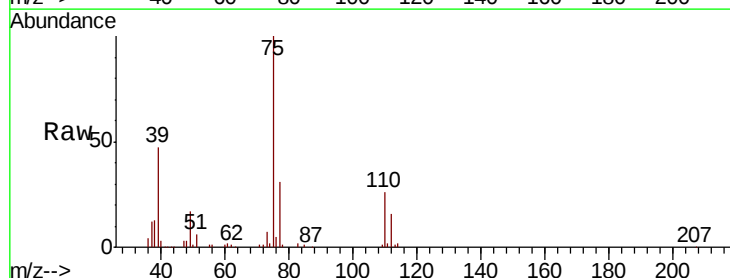
Tgt Ion: 75 Resp: 63556

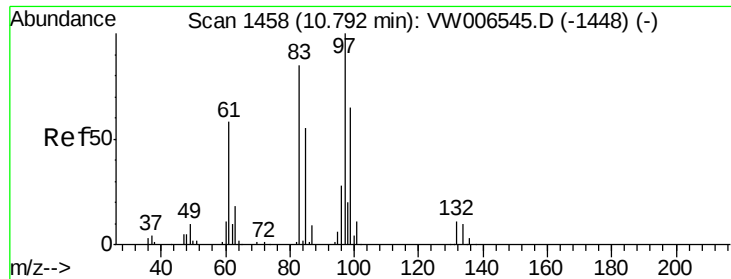
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 47.3 37.3 55.9

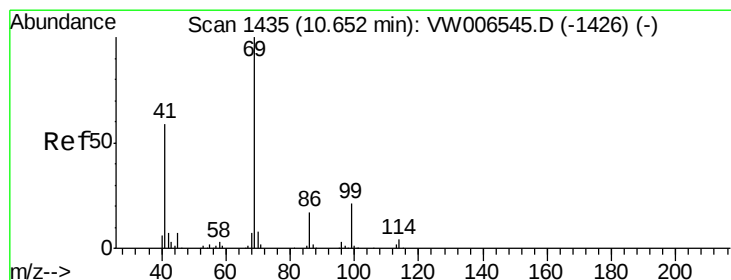
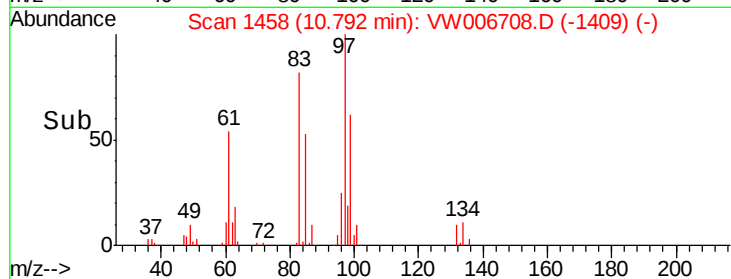
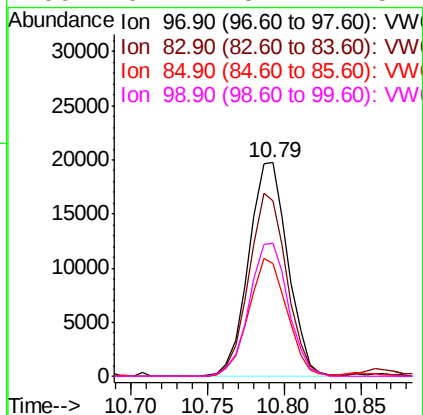
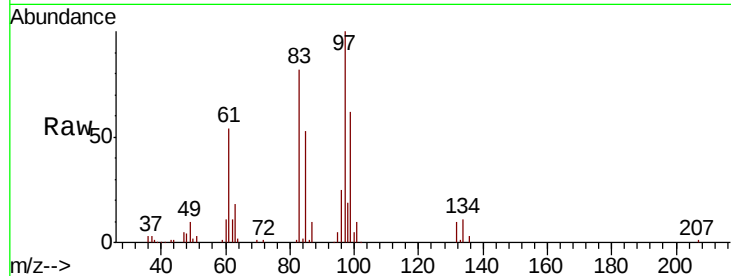




#55
 1,1,2-Trichloroethane
 Concen: 22.388 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

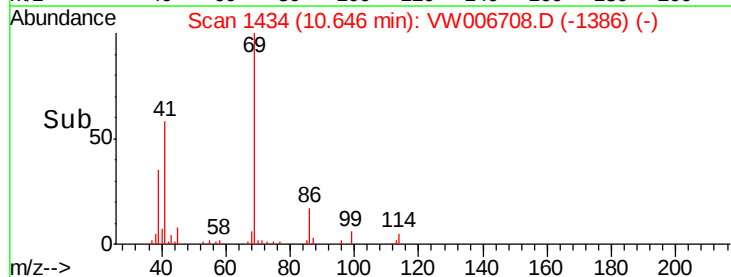
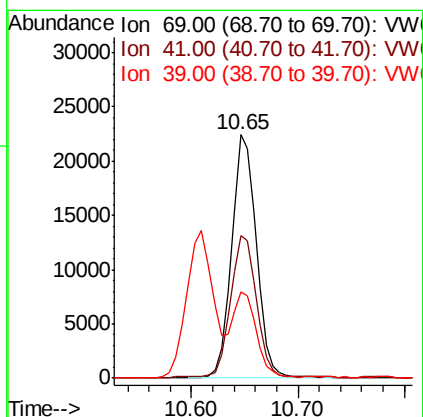
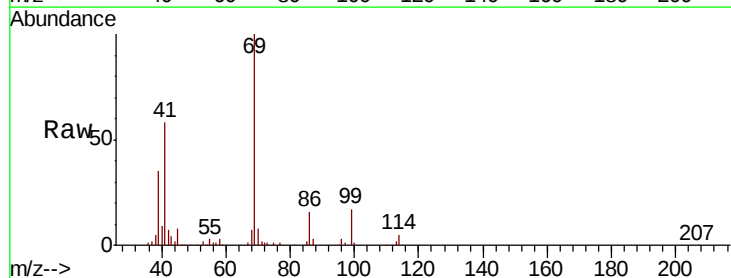
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

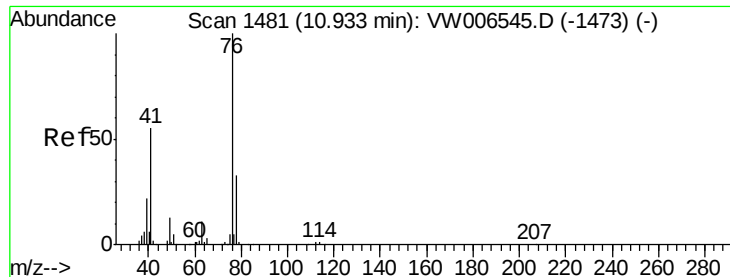
Tot Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.9	101.9
85	53.0	44.0	66.0
99	62.1	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 20.447 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.4	71.2
39	31.5	25.3	37.9

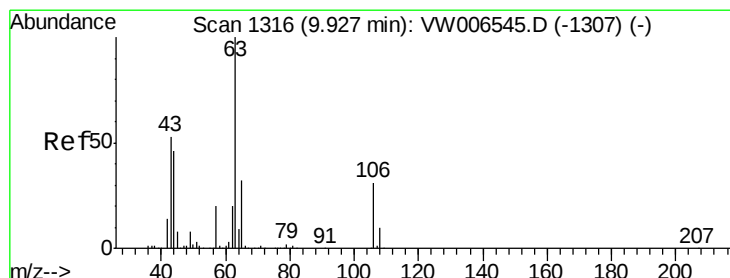
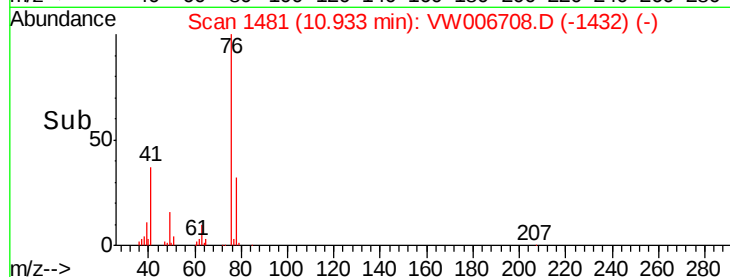
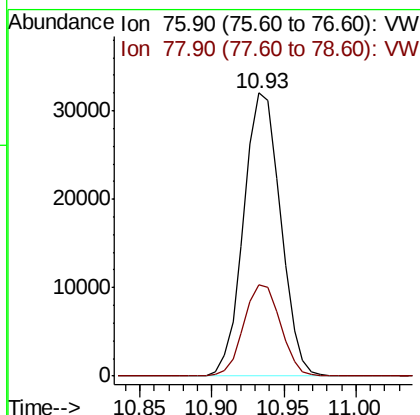
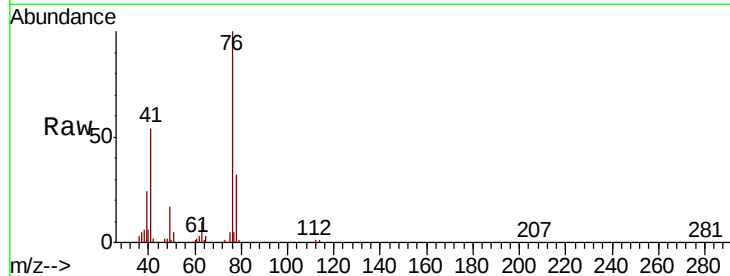




#57
 1,3-Dichloropropane
 Concen: 22.243 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

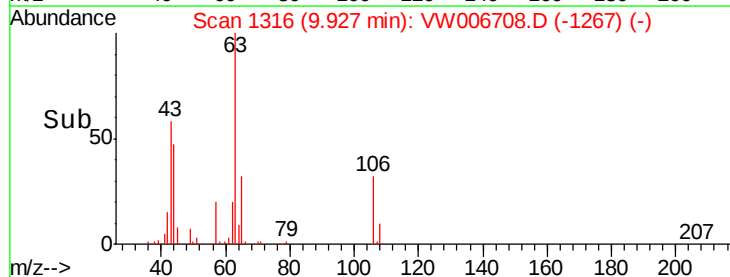
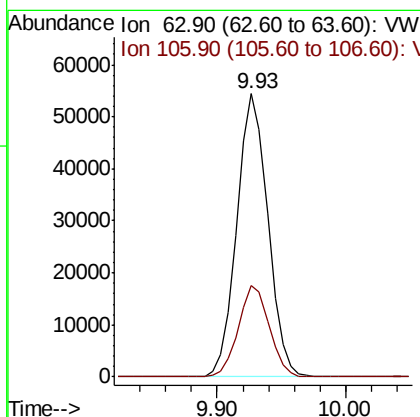
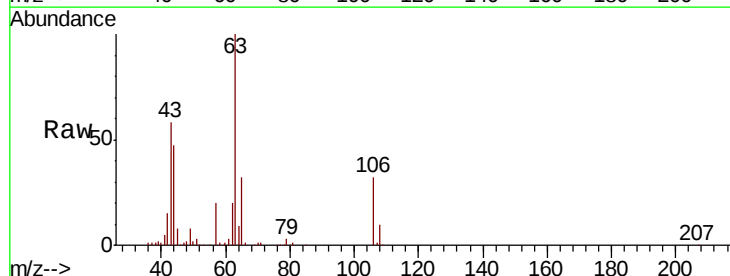
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

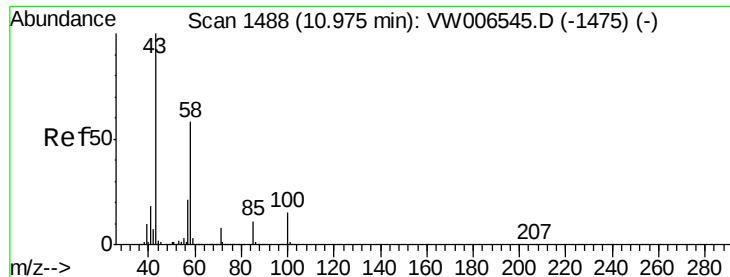
Tot Ion: 76 Resp: 56881
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.298 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion: 63 Resp: 90750
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.4 38.2

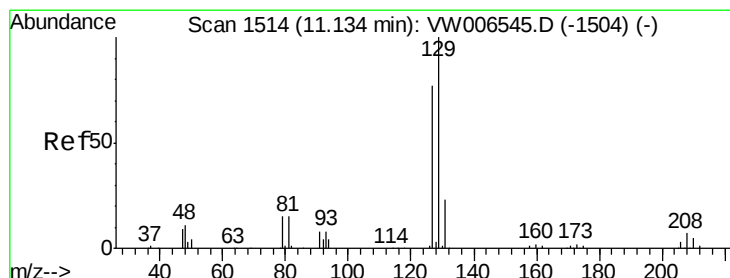
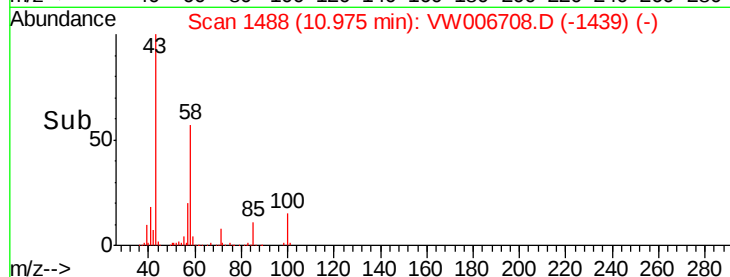
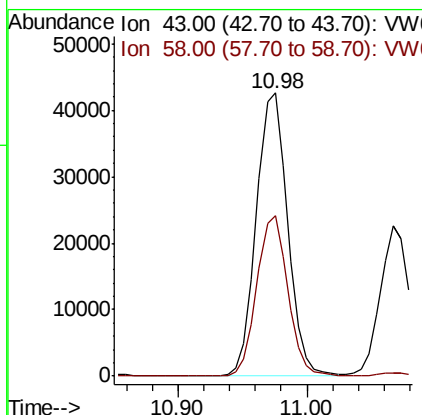
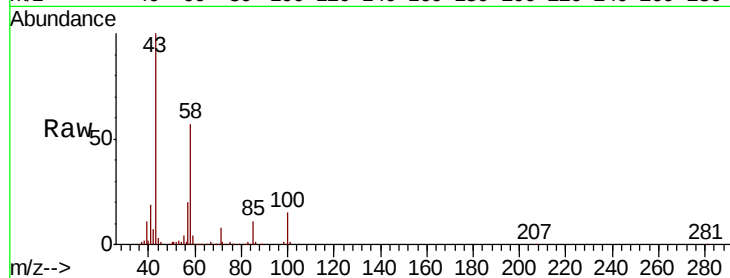




#59
2-Hexanone
Concen: 104.144 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

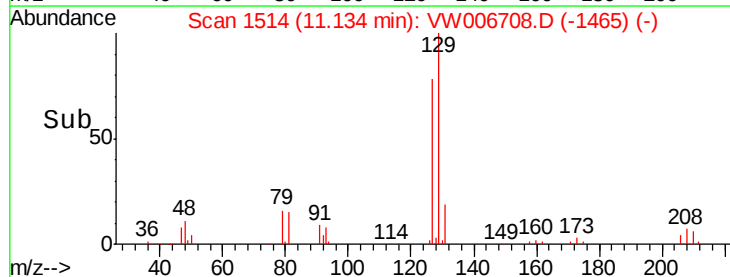
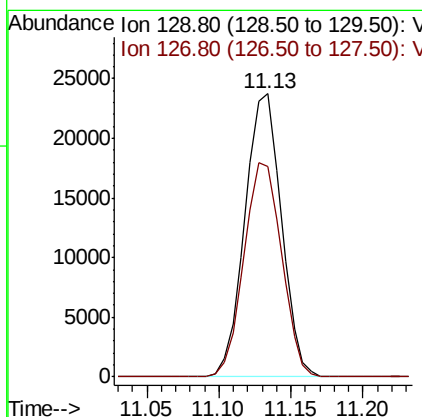
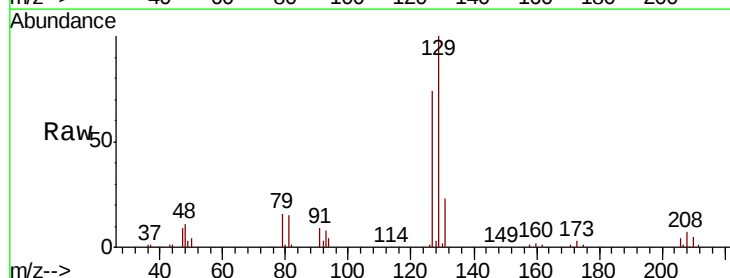
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion: 43 Resp: 71758
Ion Ratio Lower Upper
43 100
58 56.3 28.8 86.4



#60
Dibromochloromethane
Concen: 22.349 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 129 Resp: 41700
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 21.753 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

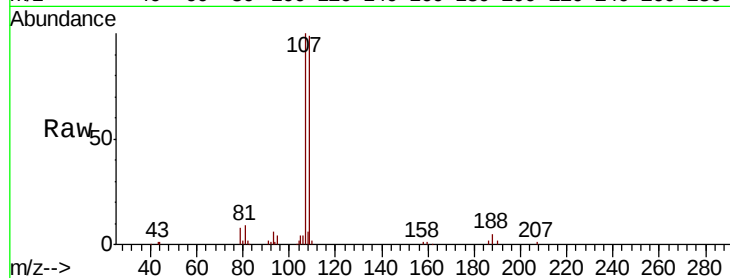
VW1106SBS02

Tot Ion:107 Resp: 34019

Ion Ratio Lower Upper

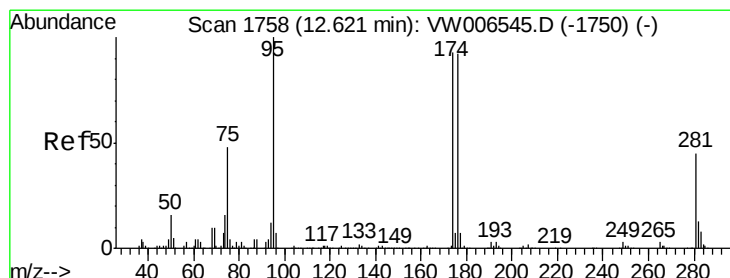
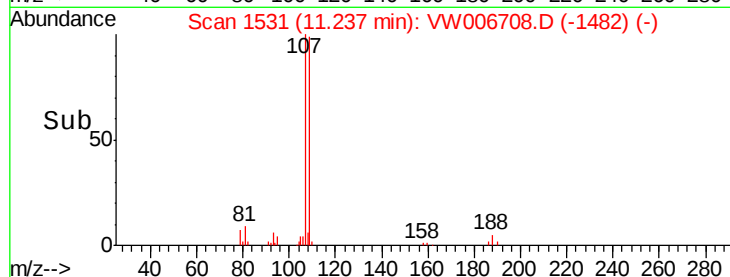
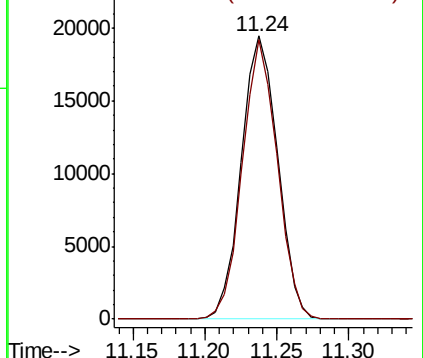
107 100

109 94.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.423 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

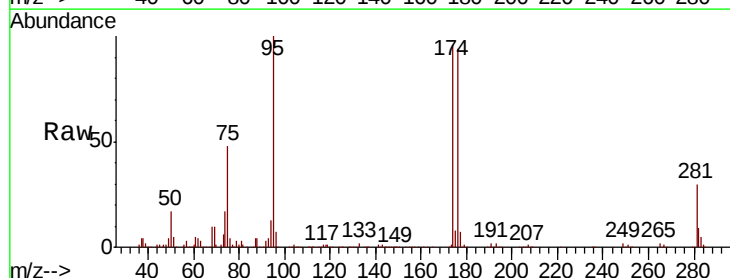
Tgt Ion: 95 Resp: 144672

Ion Ratio Lower Upper

95 100

174 98.1 0.0 192.4

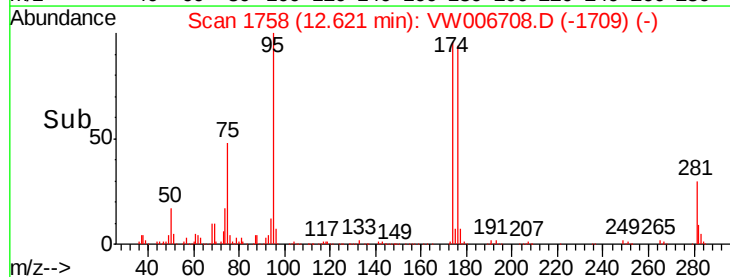
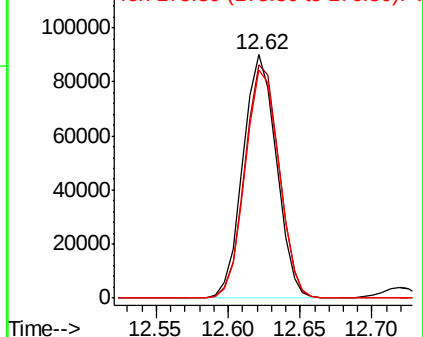
176 95.3 0.0 187.4

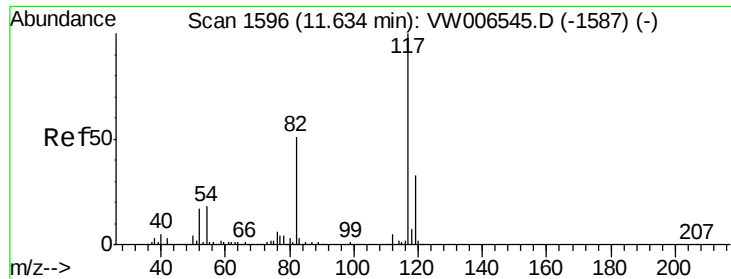


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

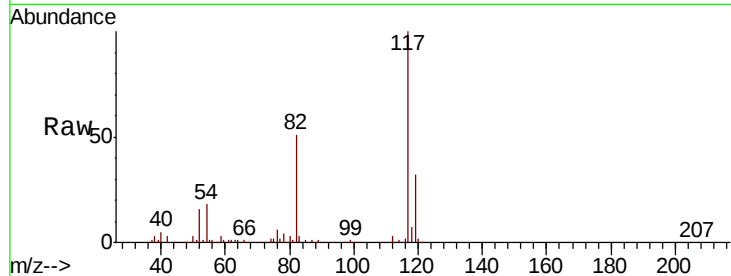




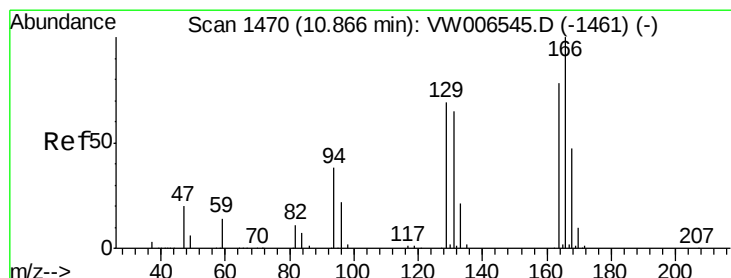
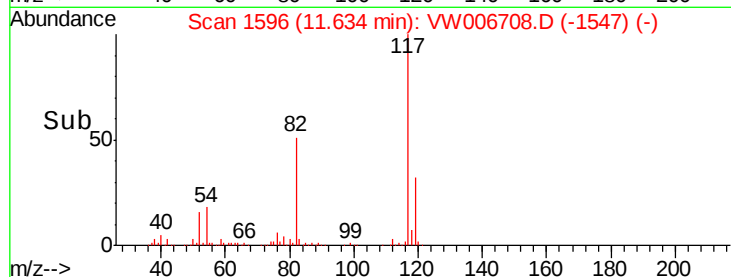
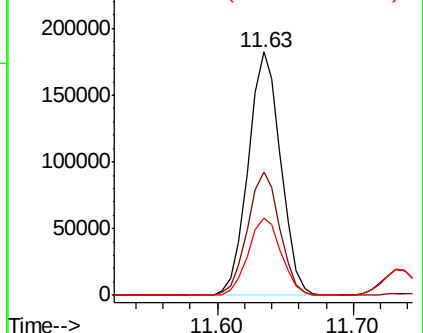
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion:117 Resp: 304860
Ion Ratio Lower Upper
117 100
82 50.9 40.8 61.2
119 32.0 26.1 39.1

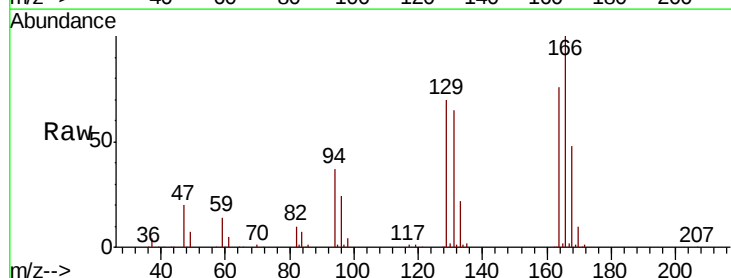


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

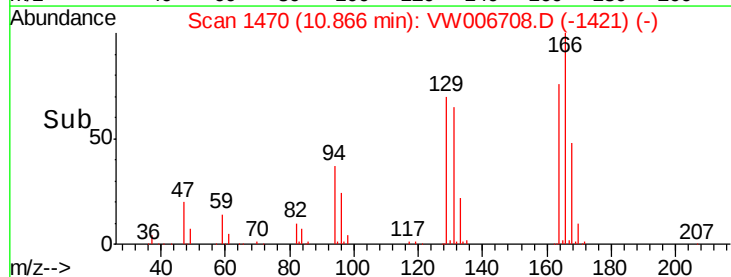
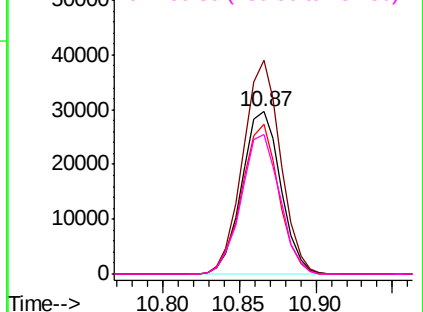


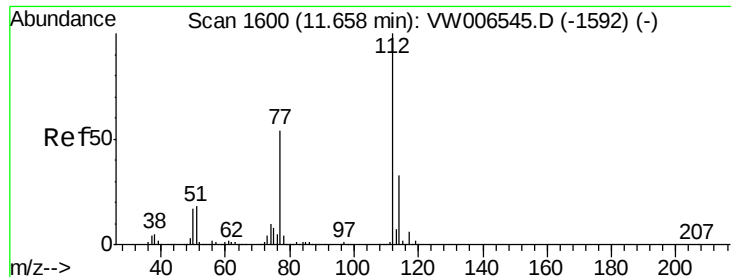
#64
Tetrachloroethene
Concen: 21.528 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion:164 Resp: 52316
Ion Ratio Lower Upper
164 100
166 131.5 102.8 154.2
129 92.5 70.9 106.3
131 85.6 67.0 100.6



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

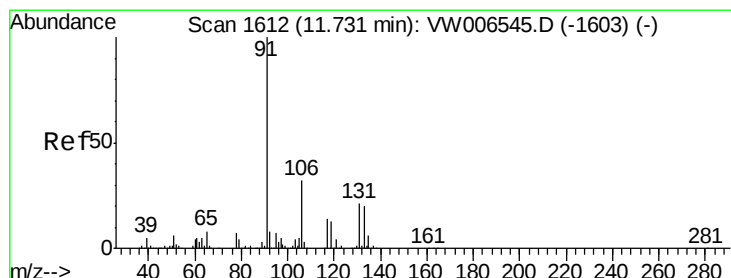
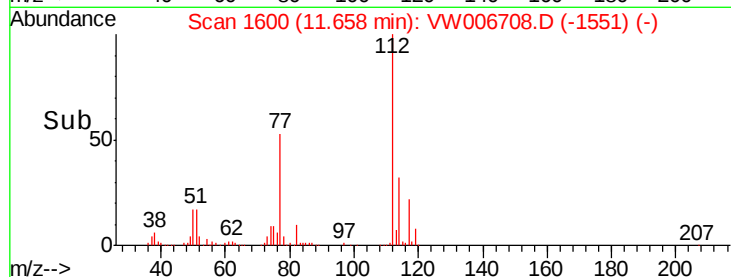
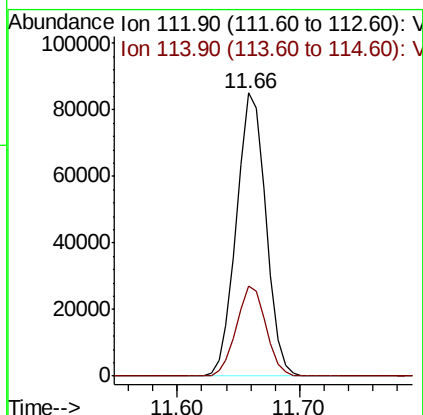
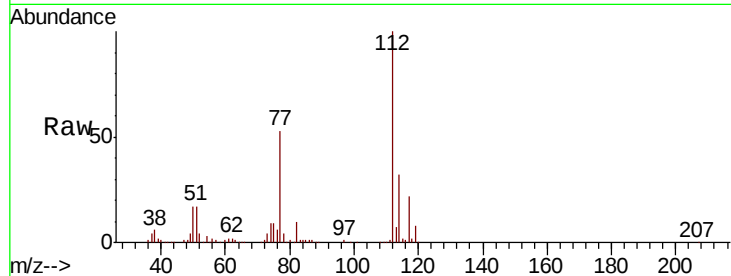




#65
Chlorobenzene
Concen: 22.119 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

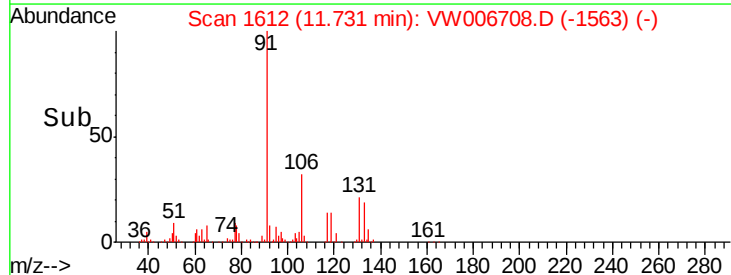
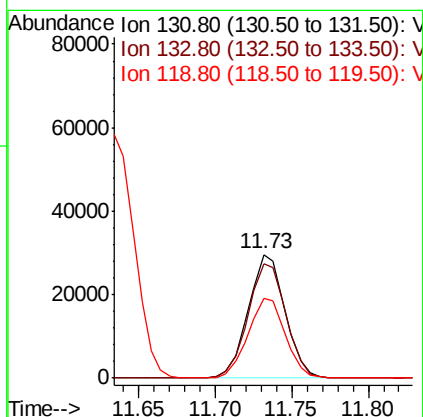
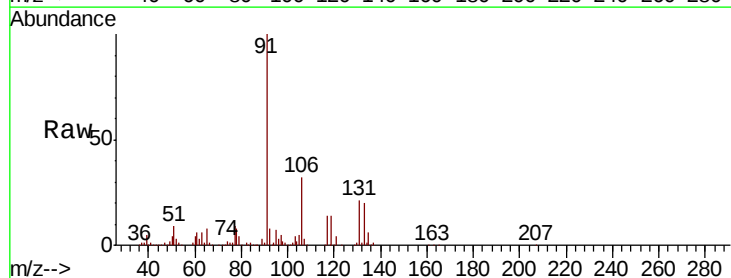
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

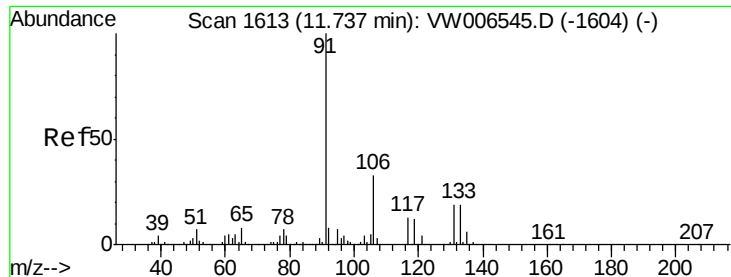
Tot Ion:112 Resp: 141894
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.964 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion:131 Resp: 49524
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 65.4 31.9 95.5

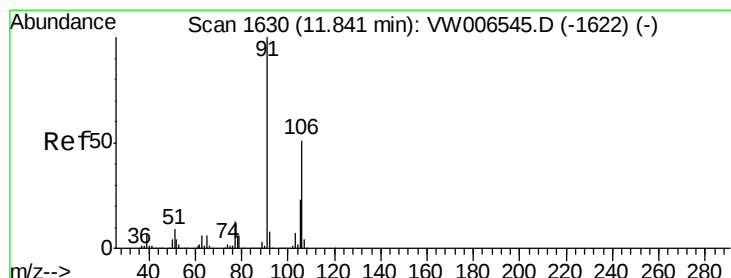
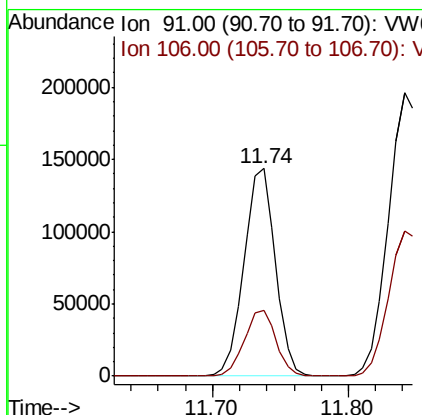
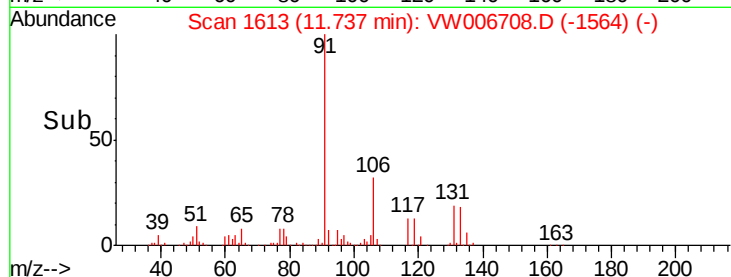
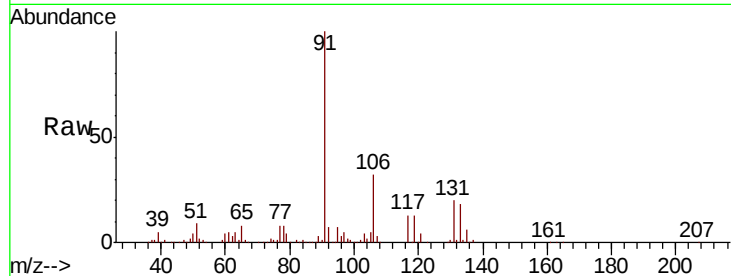




#67
Ethyl Benzene
Concen: 21.687 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

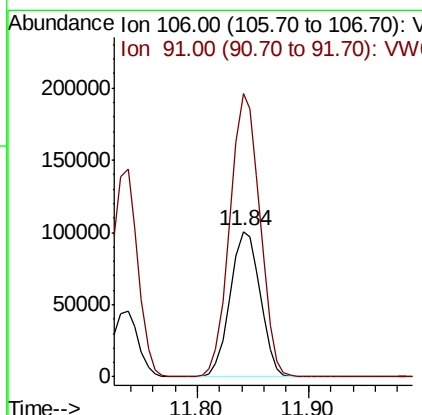
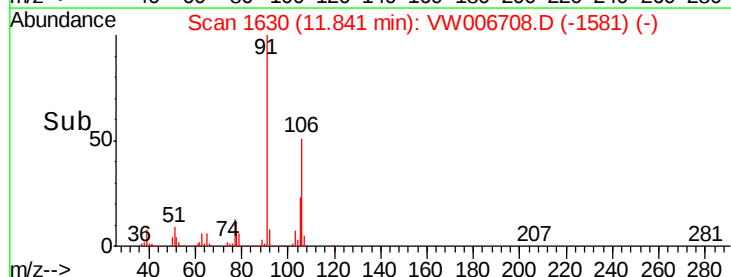
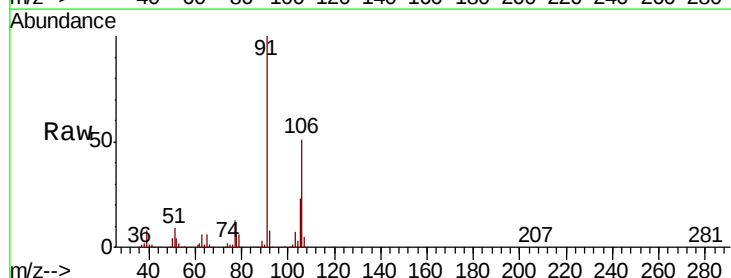
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

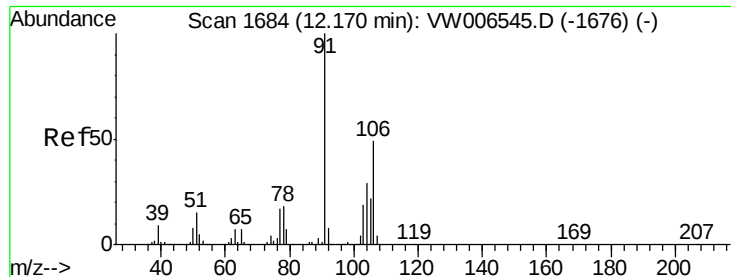
Tot Ion: 91 Resp: 232540
Ion Ratio Lower Upper
91 100
106 31.7 26.3 39.5



#68
m/p-Xylenes
Concen: 44.013 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion:106 Resp: 188549
Ion Ratio Lower Upper
106 100
91 193.8 156.7 235.1

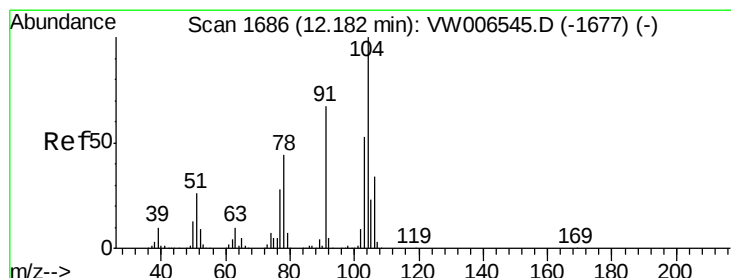
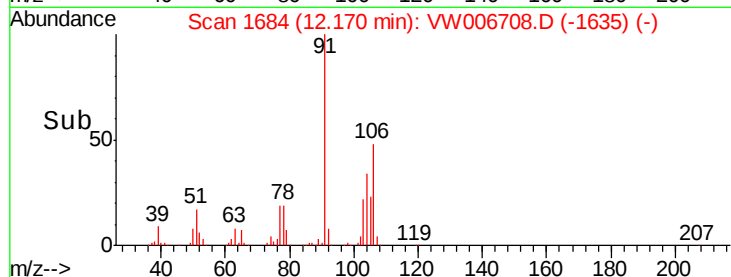
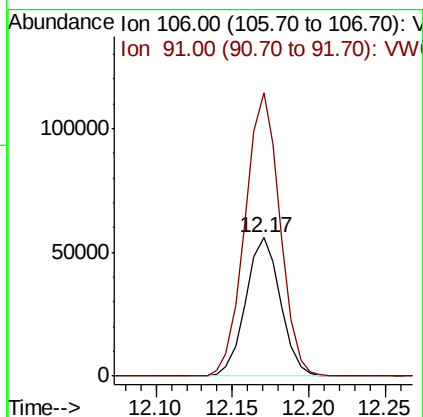
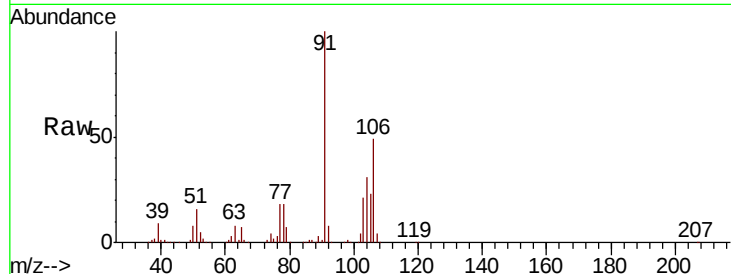




#69
o-Xylene
Concen: 21.600 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

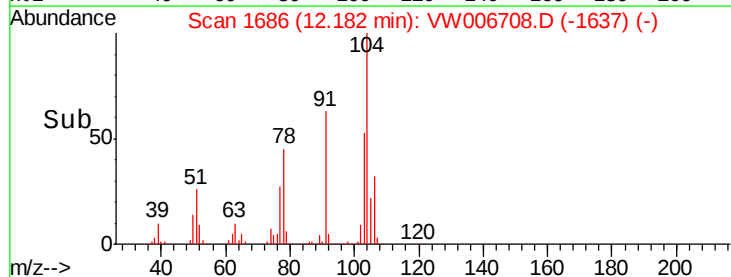
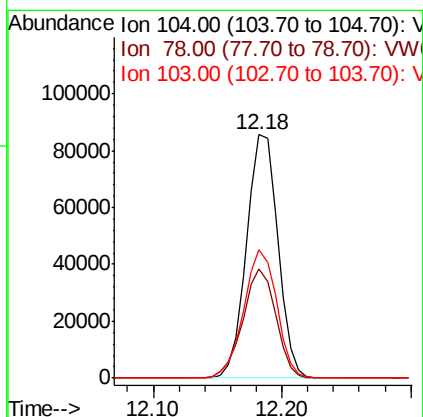
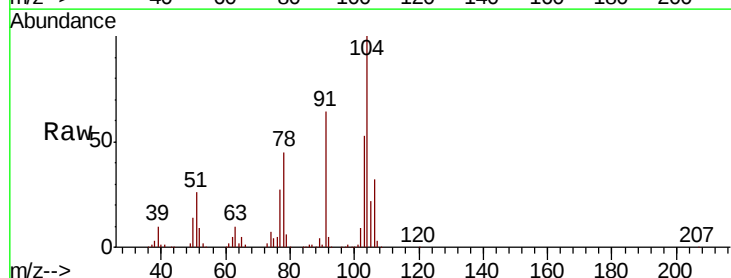
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

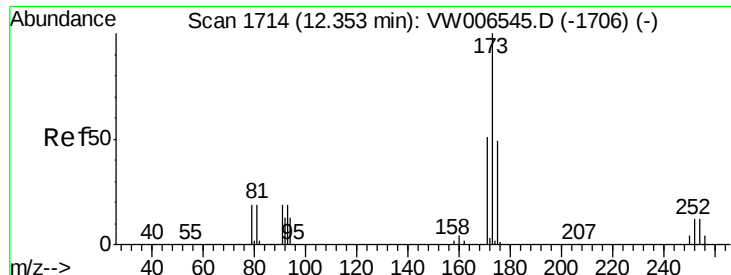
Tot Ion:106 Resp: 88095
Ion Ratio Lower Upper
106 100
91 206.0 102.8 308.4



#70
Styrene
Concen: 21.660 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion:104 Resp: 144022
Ion Ratio Lower Upper
104 100
78 47.0 37.2 55.8
103 55.4 44.2 66.2

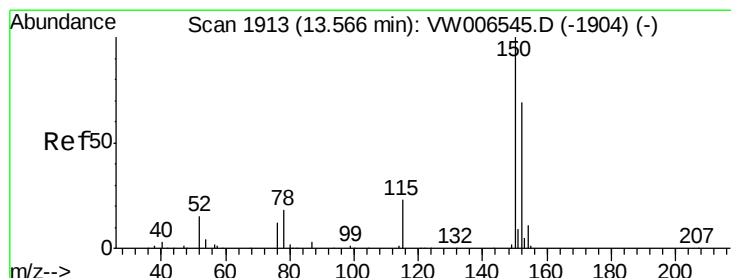
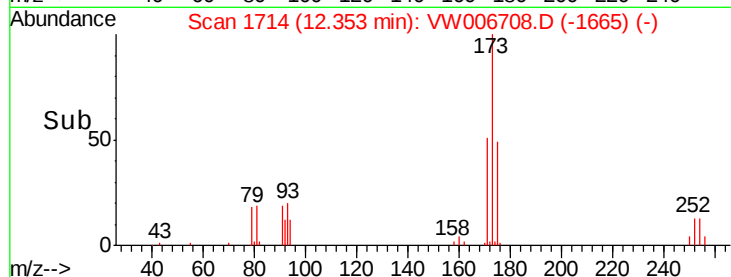
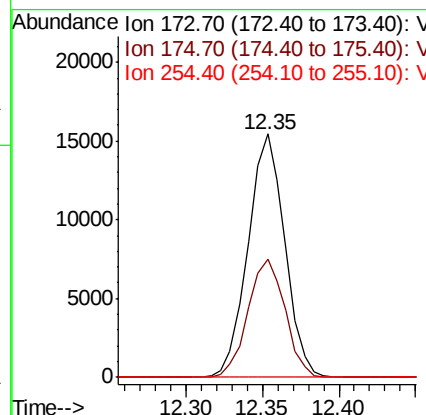
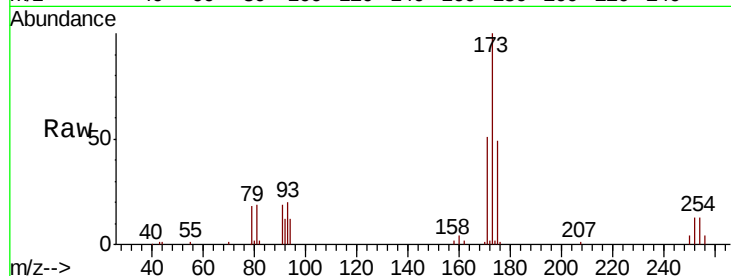




#71
Bromoform
Concen: 21.536 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

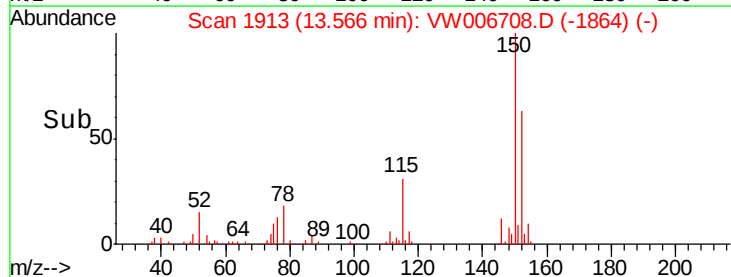
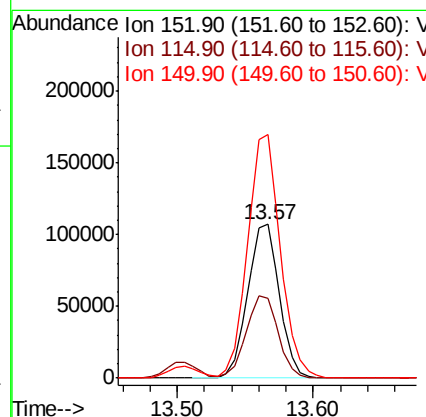
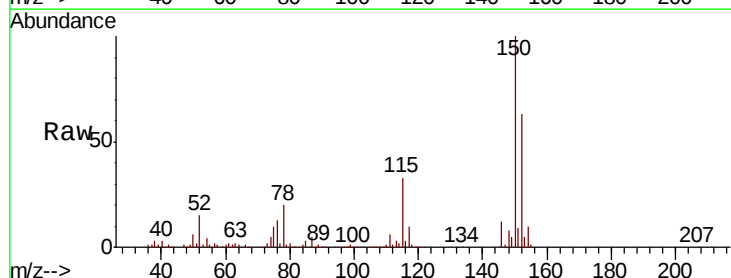
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

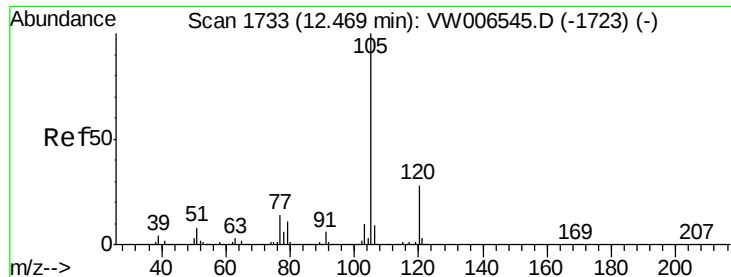
Tot Ion:173 Resp: 25741
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion:152 Resp: 174565
Ion Ratio Lower Upper
152 100
115 53.8 26.6 79.8
150 163.5 0.0 344.6





#73

Isopropylbenzene

Concen: 20.759 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

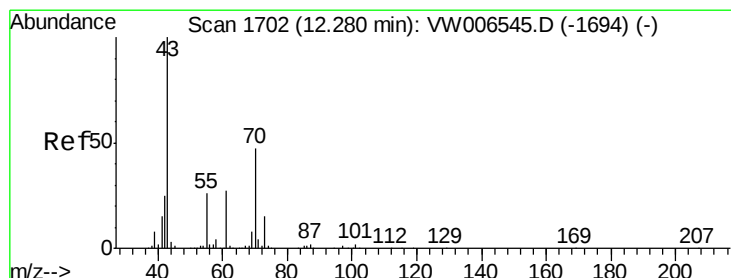
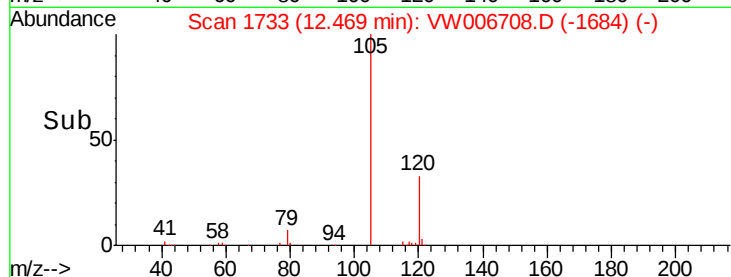
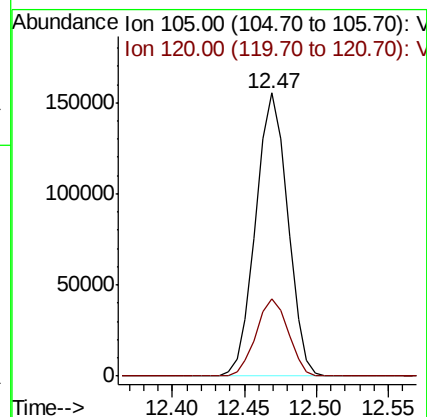
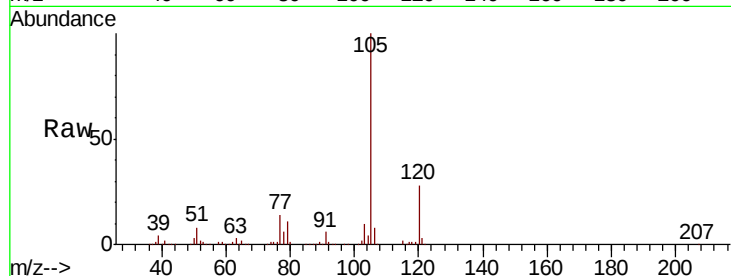
VW1106SBS02

Tot Ion:105 Resp: 238713

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 20.151 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion: 43 Resp: 40043

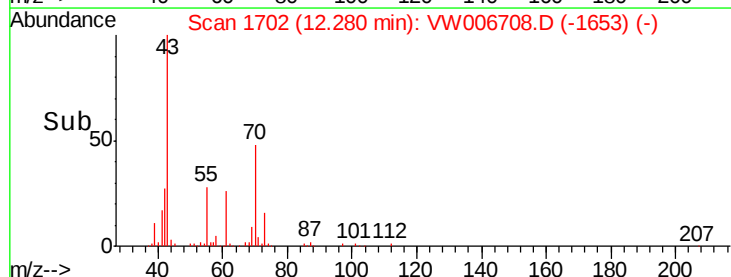
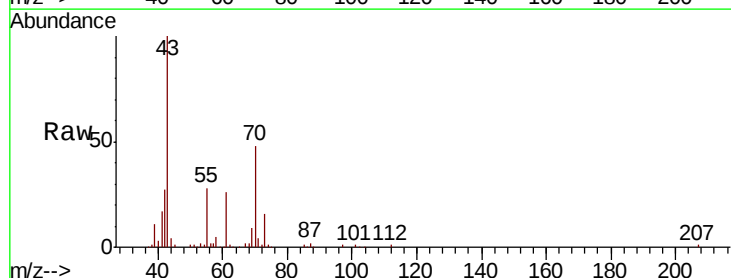
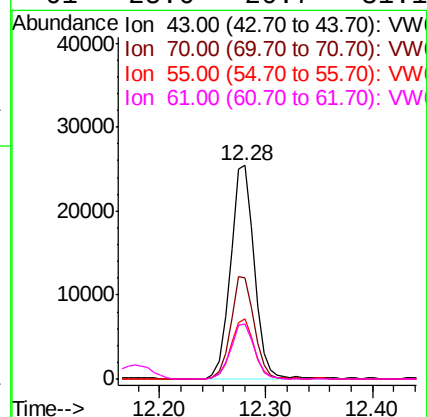
Ion Ratio Lower Upper

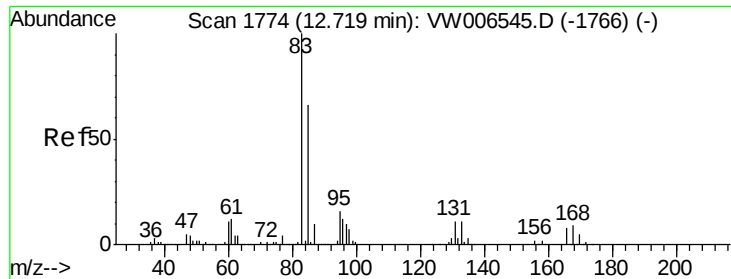
43 100

70 46.8 36.9 55.3

55 27.4 20.7 31.1

61 25.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.382 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

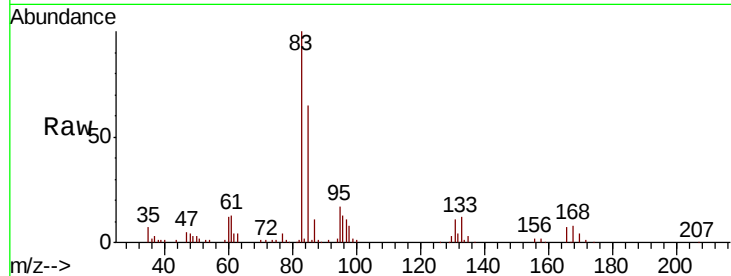
Tot Ion: 83 Resp: 38835

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

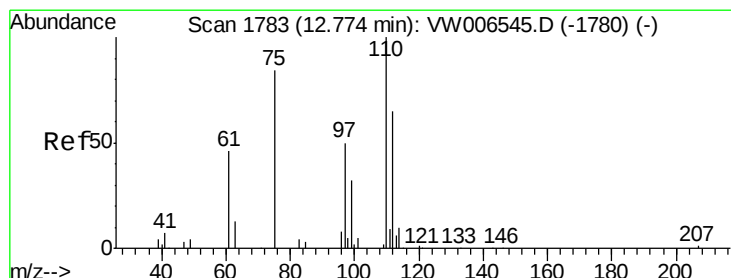
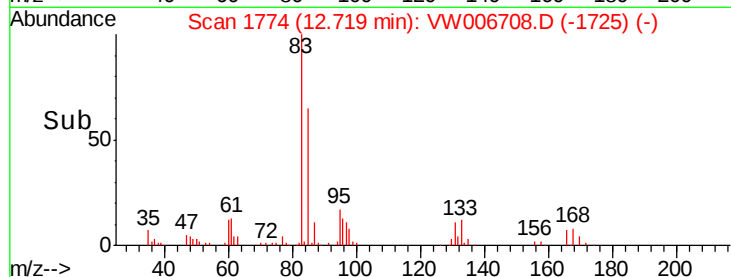
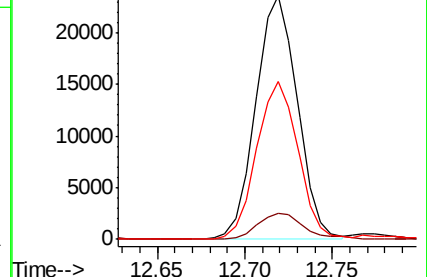
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.229 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006708.D

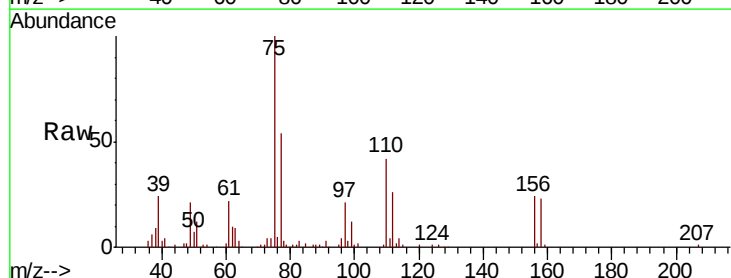
Acq: 07 Nov 2018 02:28

Tgt Ion: 75 Resp: 47982

Ion Ratio Lower Upper

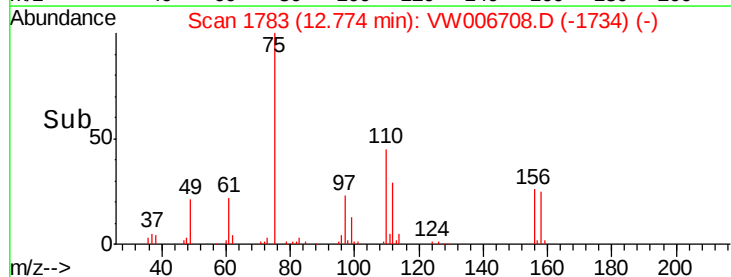
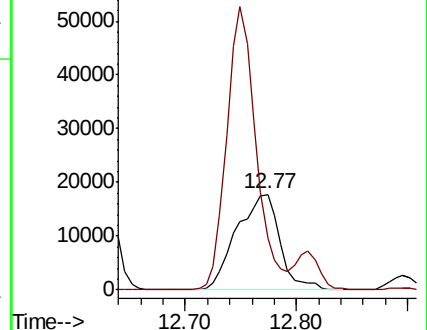
75 100

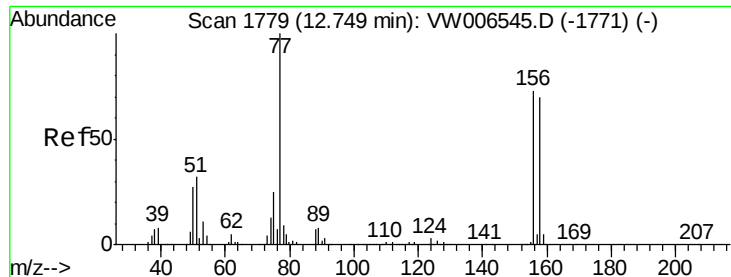
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.469 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

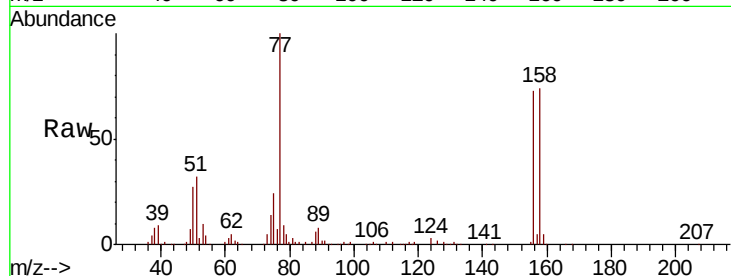
Tot Ion:156 Resp: 63920

Ion Ratio Lower Upper

156 100

77 151.0 75.9 227.8

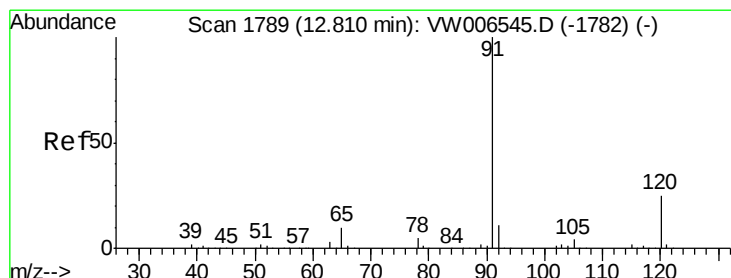
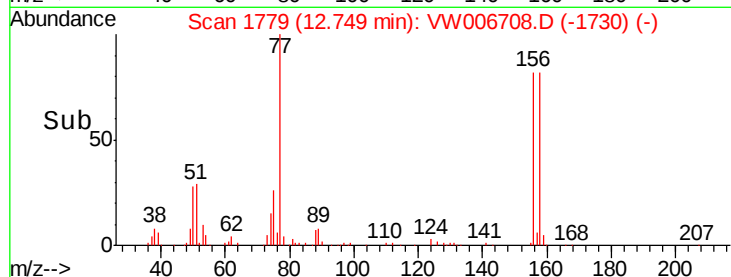
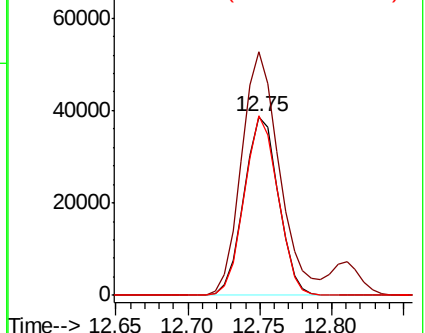
158 97.9 48.6 145.9



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: 21.362 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006708.D

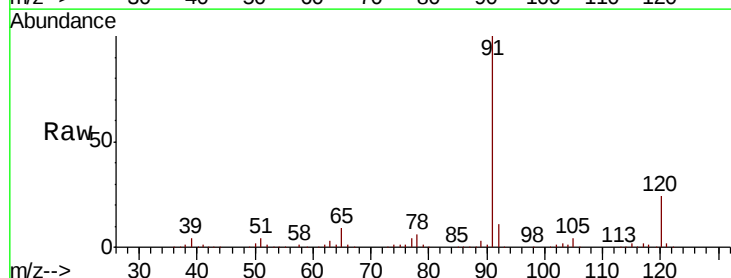
Acq: 07 Nov 2018 02:28

Tgt Ion: 91 Resp: 282559

Ion Ratio Lower Upper

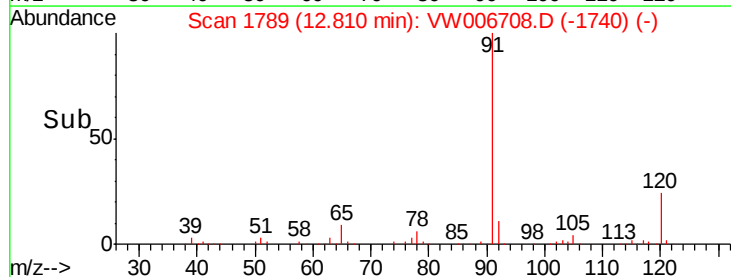
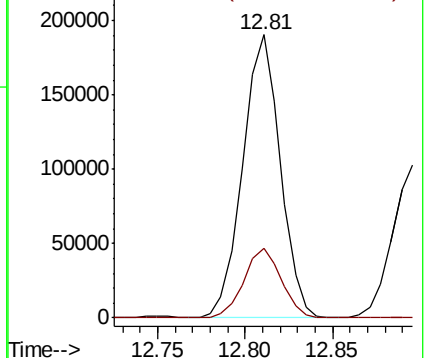
91 100

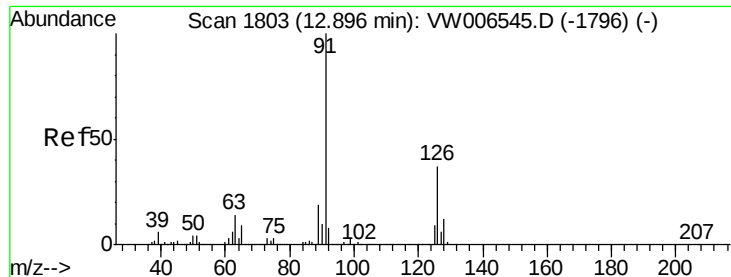
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.432 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

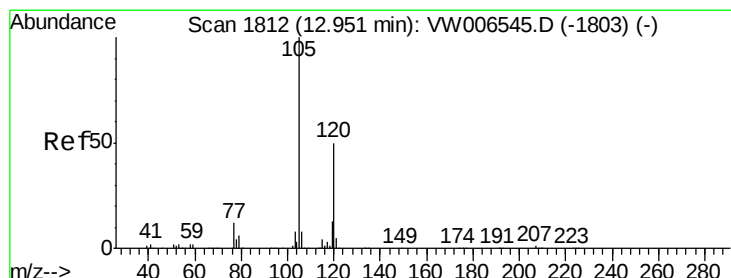
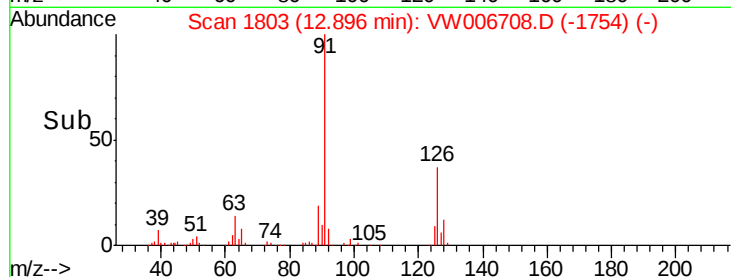
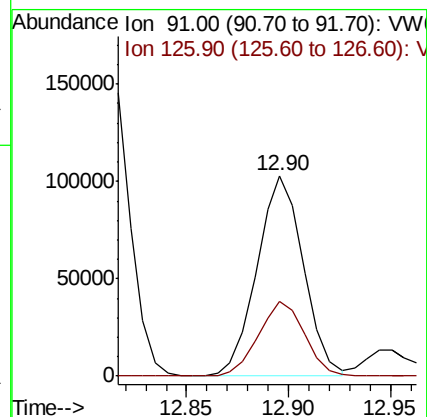
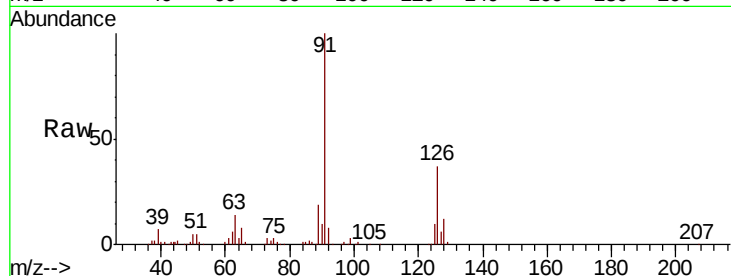
VW1106SBS02

Tot Ion: 91 Resp: 162693

Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 21.384 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006708.D

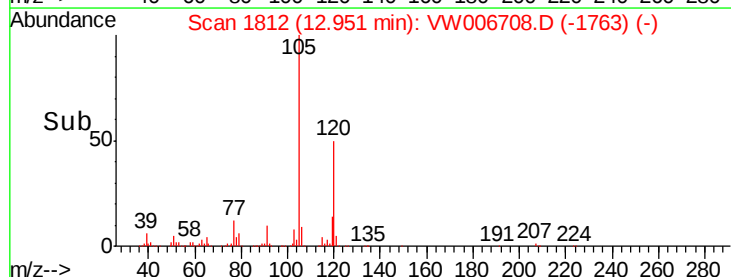
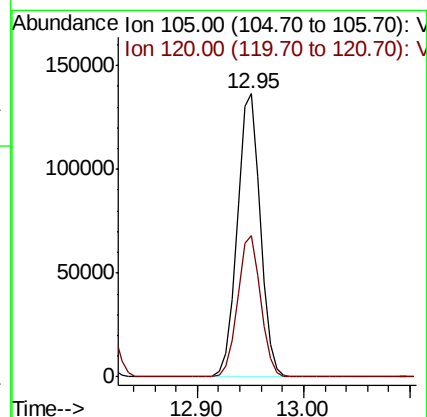
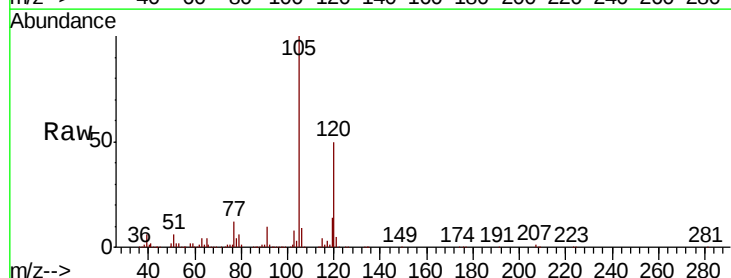
Acq: 07 Nov 2018 02:28

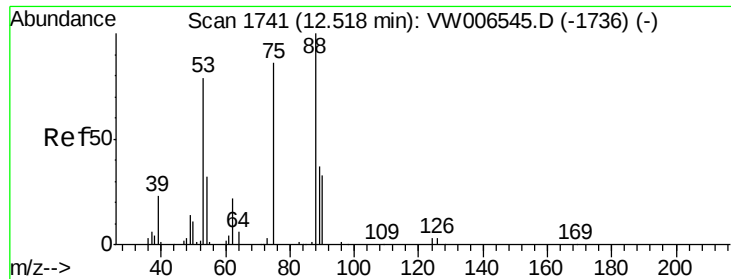
Tgt Ion:105 Resp: 206595

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.254 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

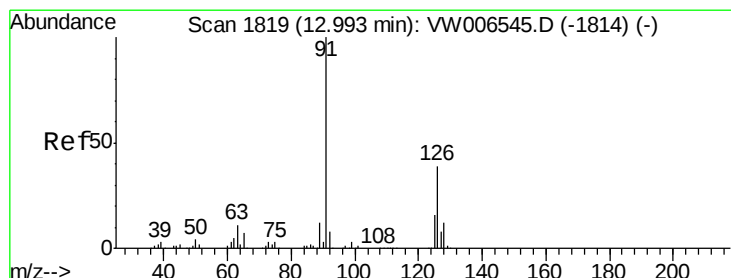
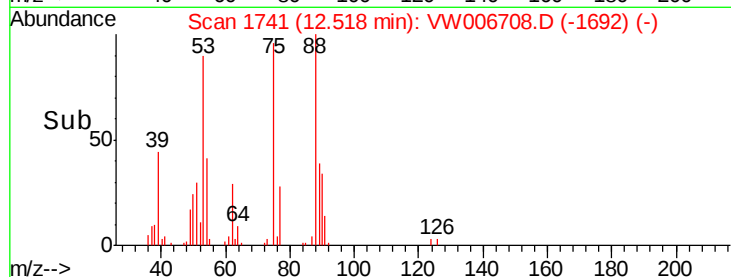
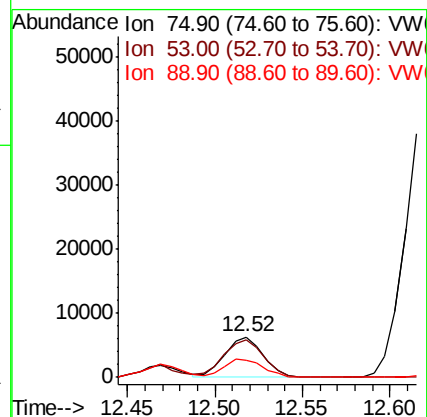
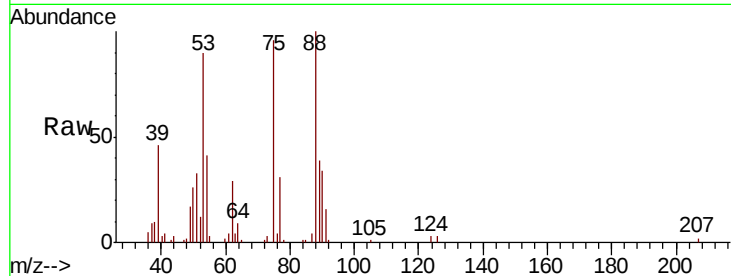
Tot Ion: 75 Resp: 9773

Ion Ratio Lower Upper

75 100

53 95.9 77.2 115.8

89 44.4 38.6 58.0



#82

4-Chlorotoluene

Concen: 21.498 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006708.D

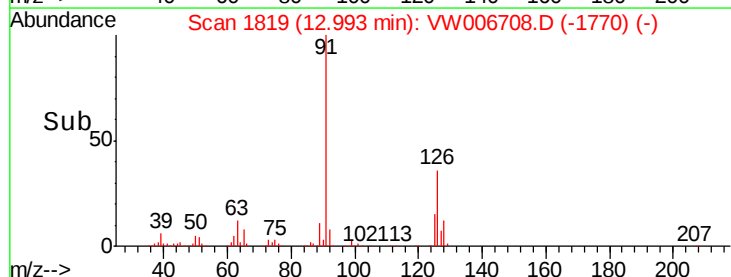
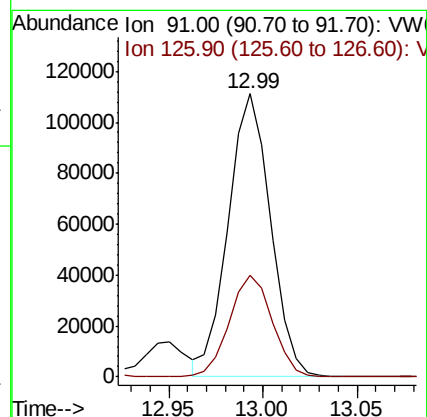
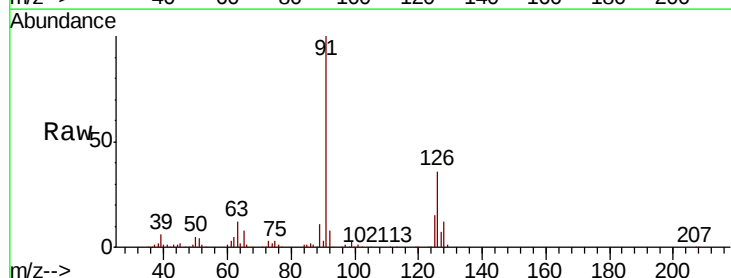
Acq: 07 Nov 2018 02:28

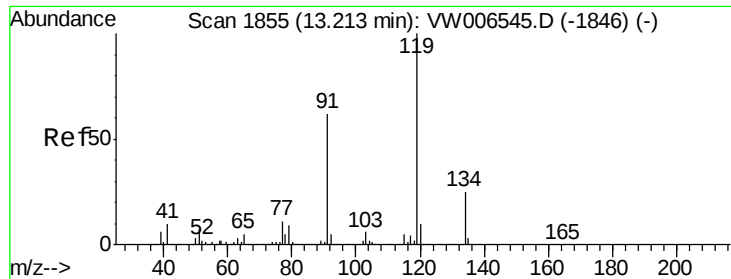
Tgt Ion: 91 Resp: 172649

Ion Ratio Lower Upper

91 100

126 36.5 18.5 55.5

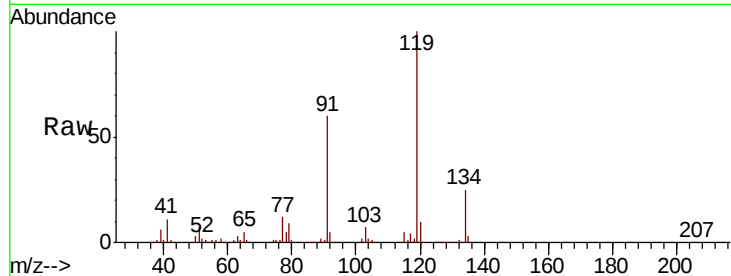




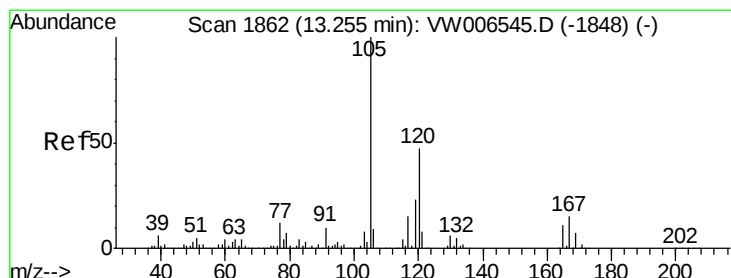
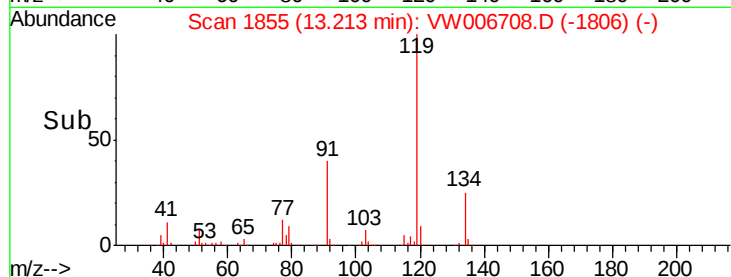
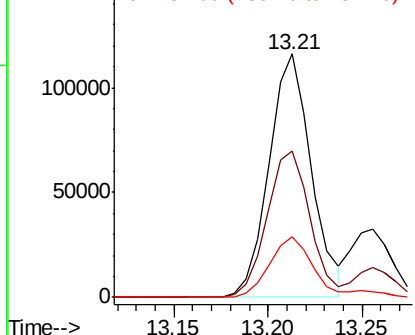
#83
tert-Butylbenzene
Concen: 21.002 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion:119 Resp: 180937
Ion Ratio Lower Upper
119 100
91 60.9 30.4 91.3
134 24.9 13.5 40.4

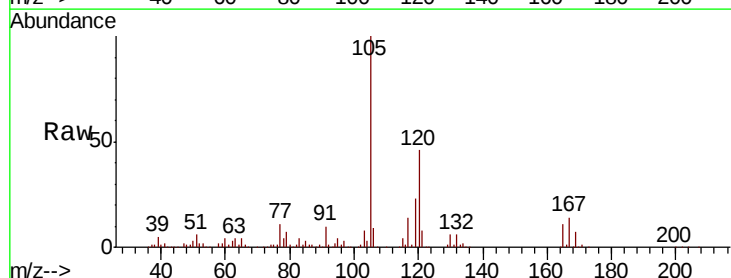


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

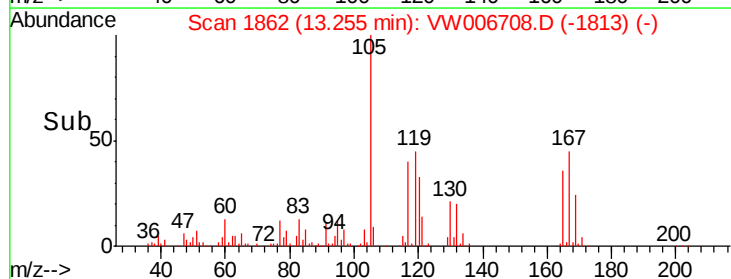
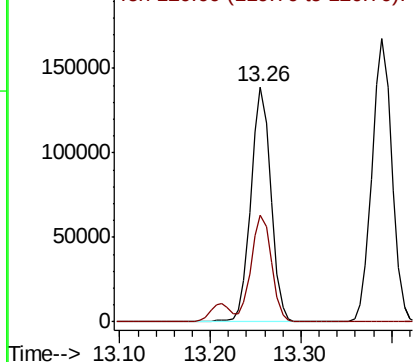


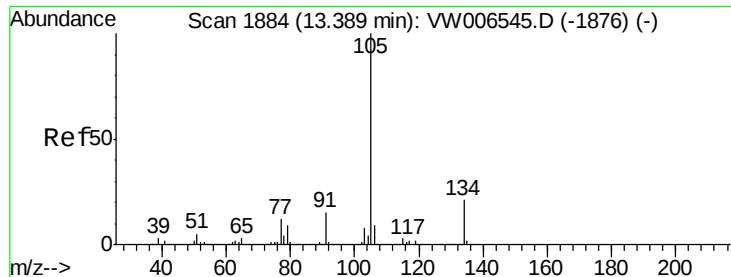
#84
1,2,4-Trimethylbenzene
Concen: 21.470 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion:105 Resp: 212750
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.187 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

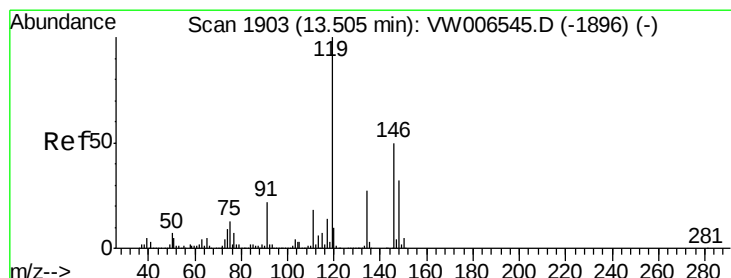
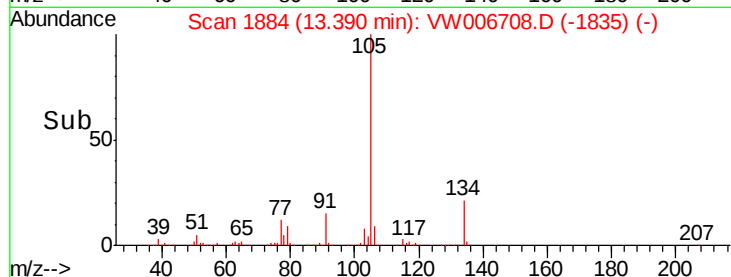
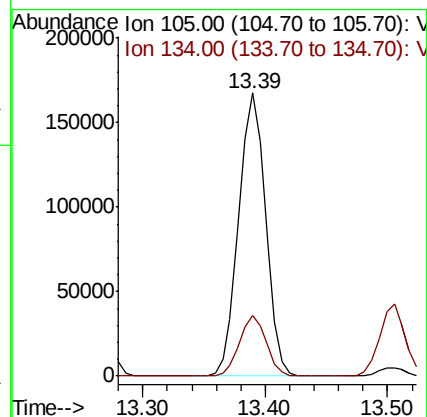
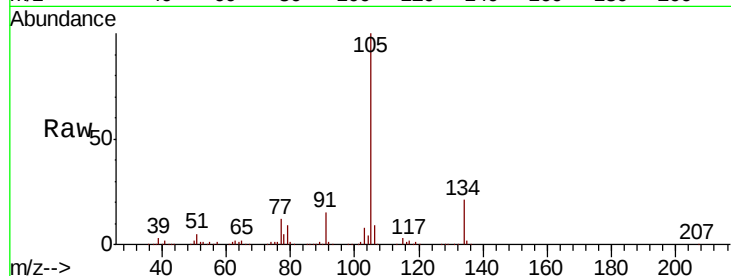
VW1106SBS02

Tot Ion:105 Resp: 255649

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 21.127 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

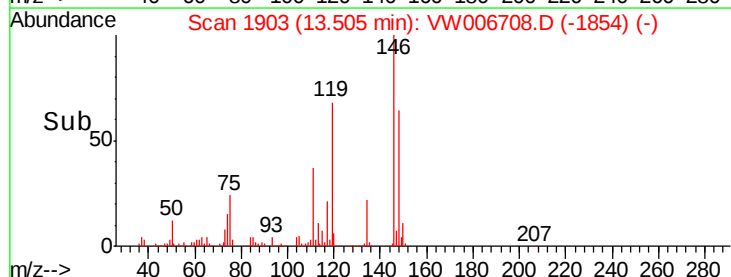
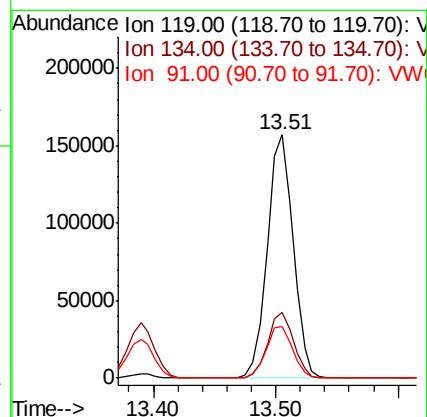
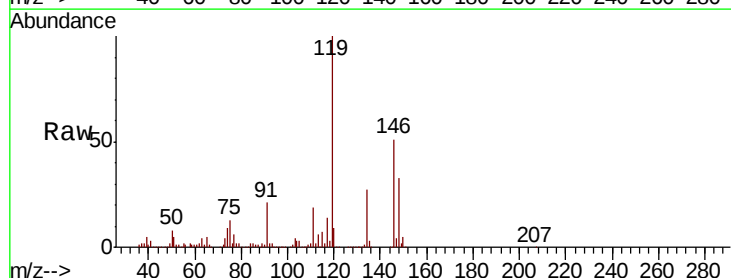
Tgt Ion:119 Resp: 231964

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.1 10.9 32.6

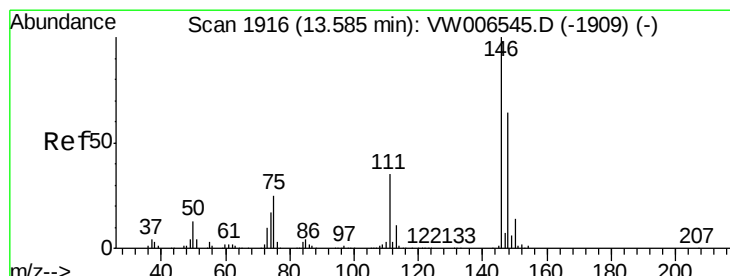
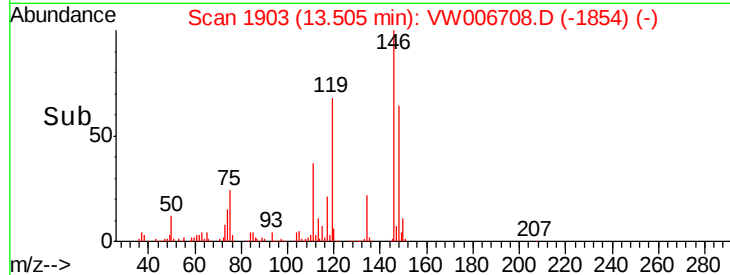
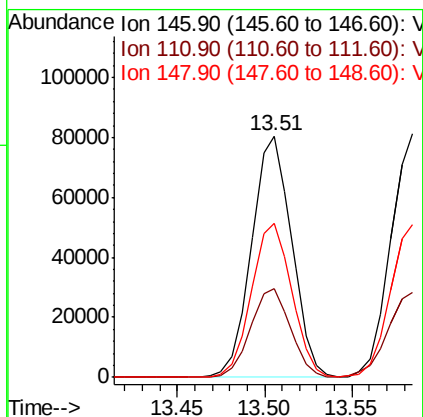
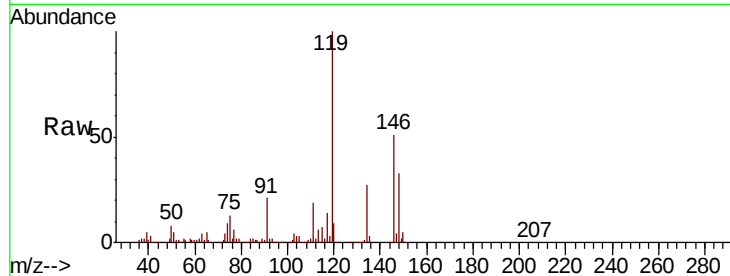




#87
 1,3-Dichlorobenzene
 Concen: 21.812 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

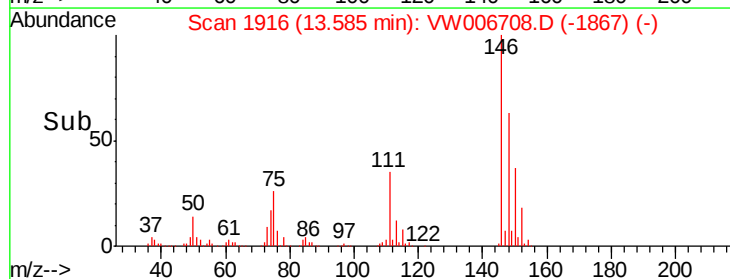
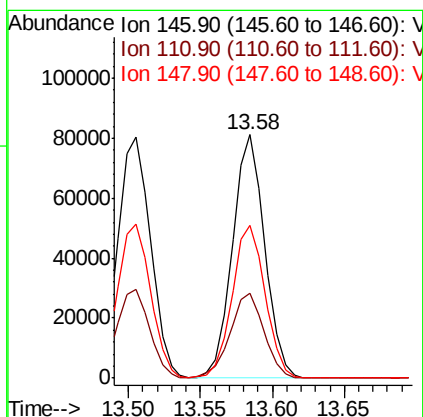
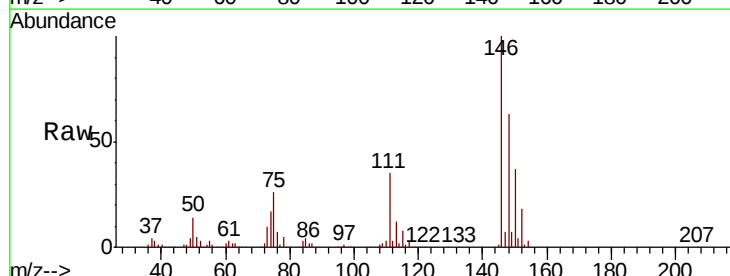
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	64.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.783 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.9	53.7
148	64.3	32.1	96.5





#89

n-Butylbenzene

Concen: 21.287 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

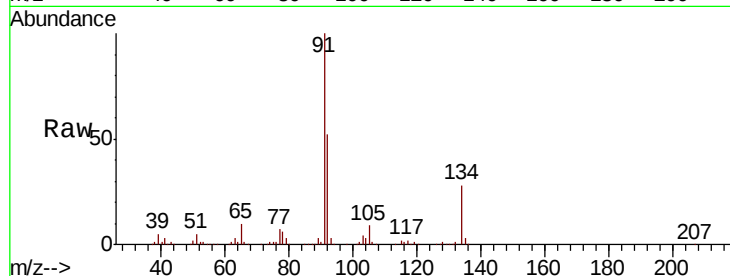
Tot Ion: 91 Resp: 207470

Ion Ratio Lower Upper

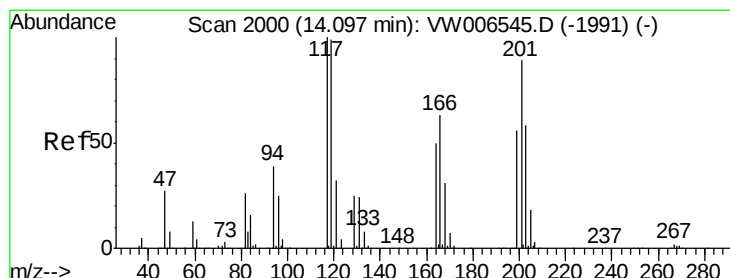
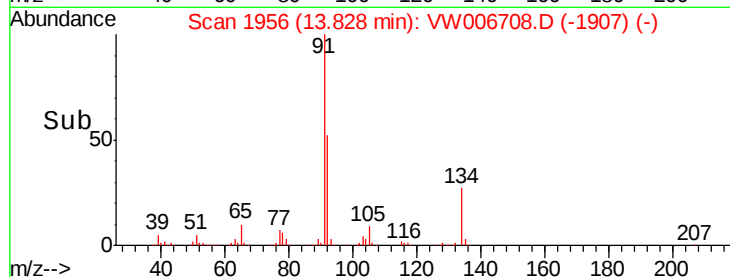
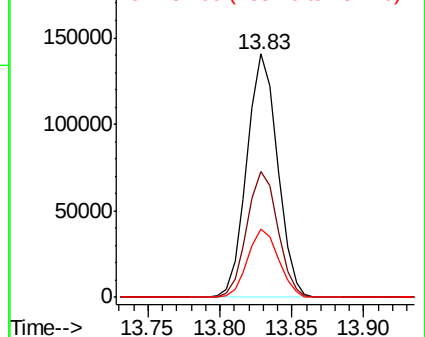
91 100

92 52.0 26.4 79.0

134 28.1 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.606 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006708.D

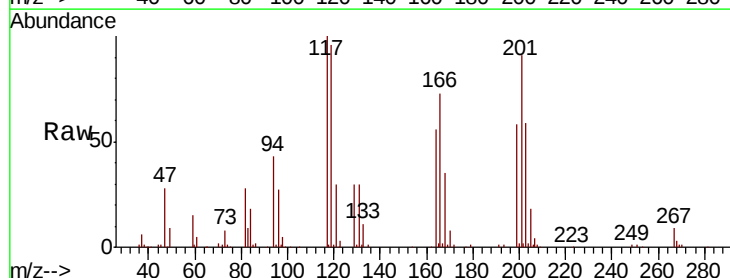
Acq: 07 Nov 2018 02:28

Tgt Ion: 117 Resp: 38989

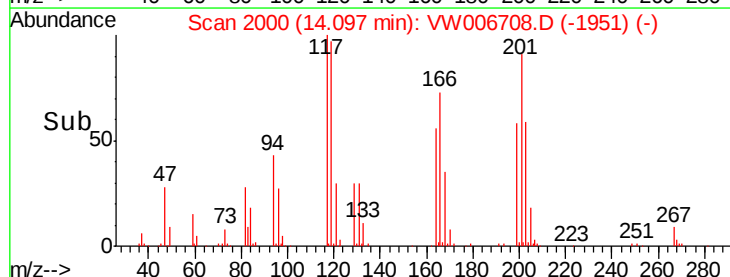
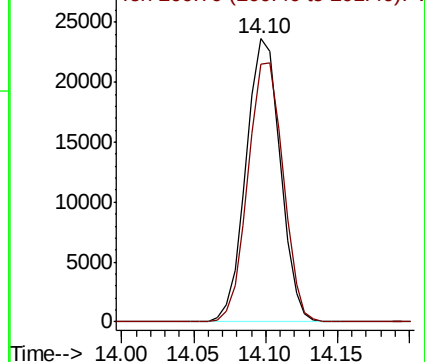
Ion Ratio Lower Upper

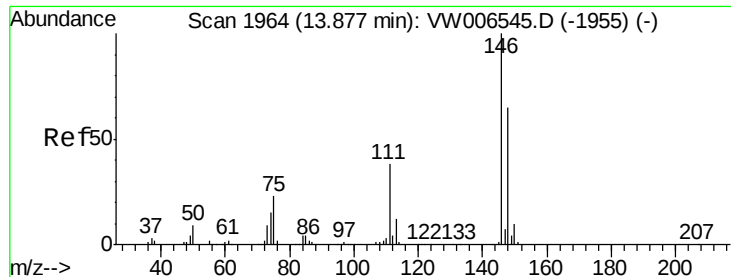
117 100

201 93.8 46.8 140.3



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





#91

1,2-Dichlorobenzene

Concen: 21.895 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

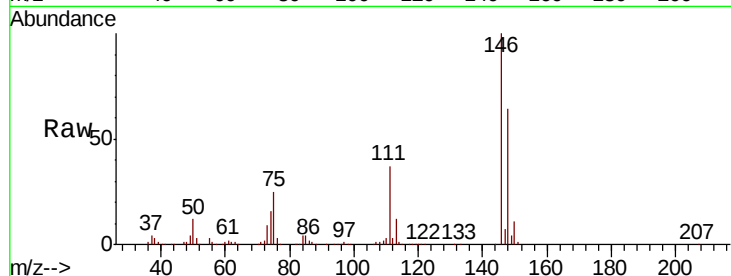
Tot Ion:146 Resp: 115483

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

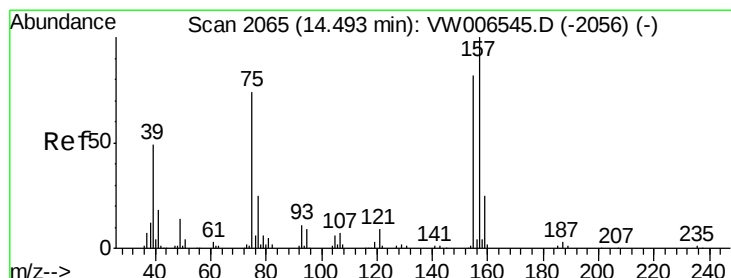
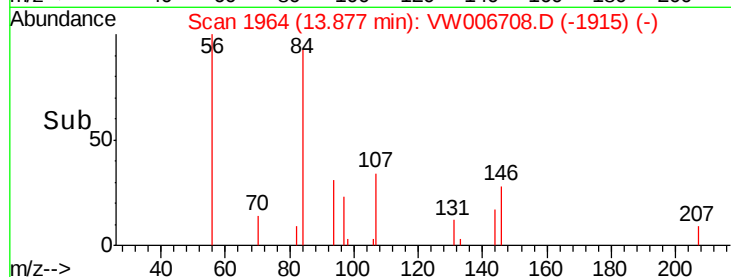
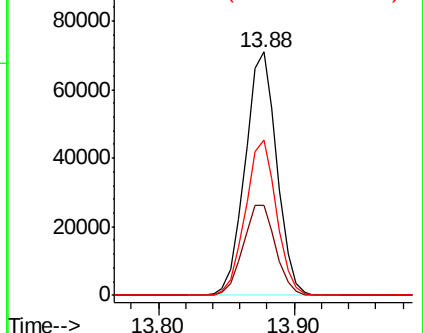
148 62.7 32.0 96.0



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: 20.040 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

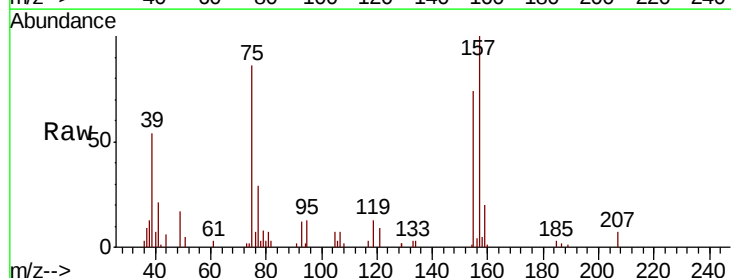
Tgt Ion: 75 Resp: 5906

Ion Ratio Lower Upper

75 100

155 94.3 50.6 151.8

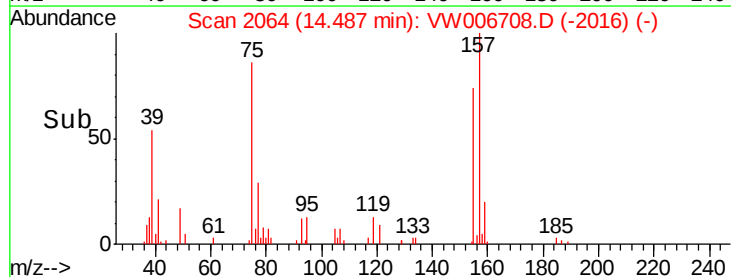
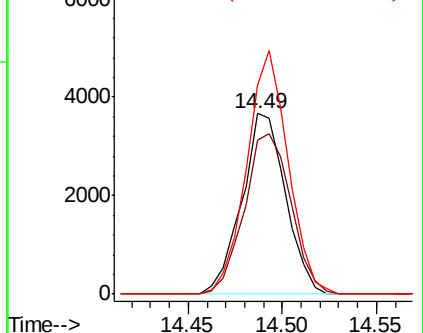
157 127.3 65.0 195.0

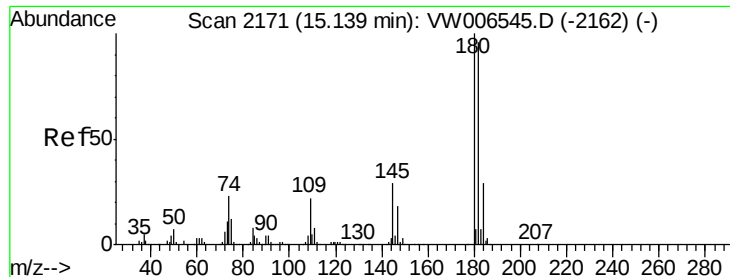


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

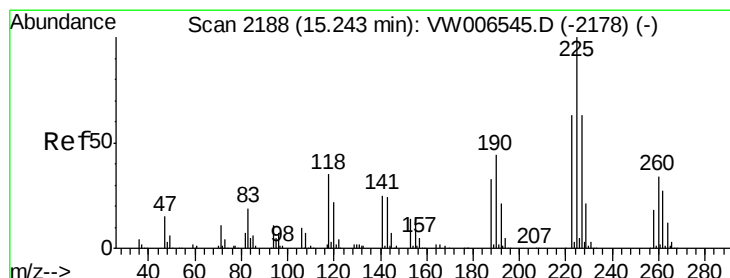
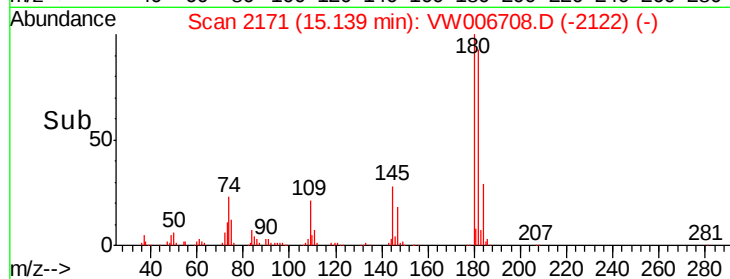
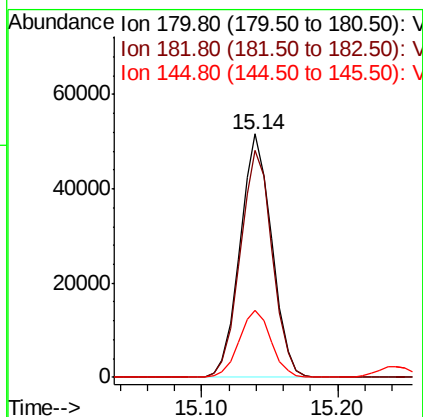
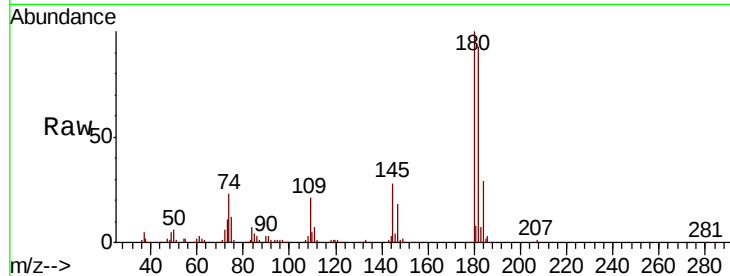




#93
 1,2,4-Trichlorobenzene
 Concen: 21.396 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

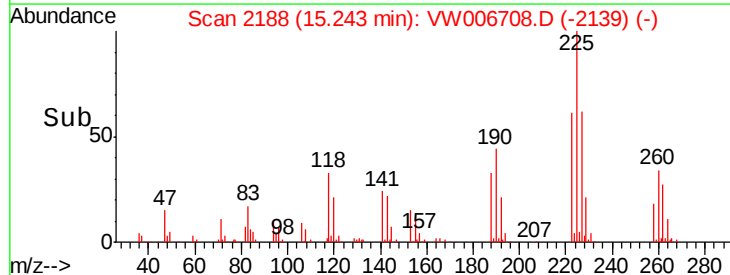
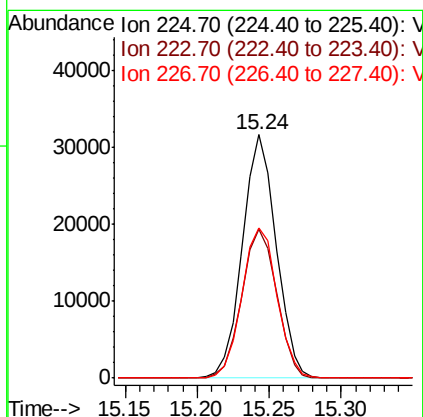
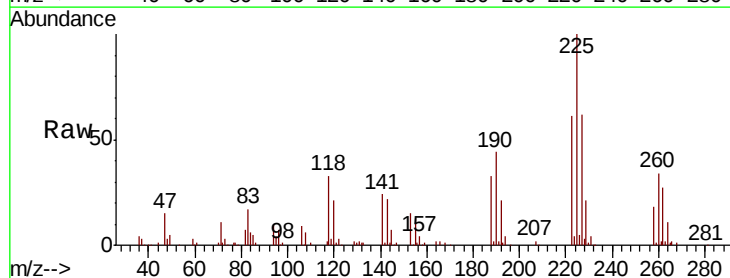
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

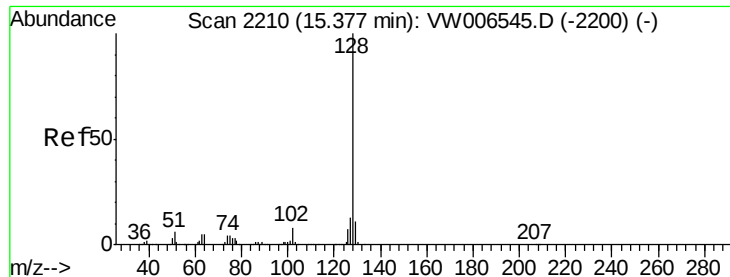
Tot Ion:180 Resp: 83912
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.5 142.6
 145 27.7 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 21.014 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion:225 Resp: 51365
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.2
 227 64.0 32.2 96.6





#95

Naphthalene

Concen: 19.988 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

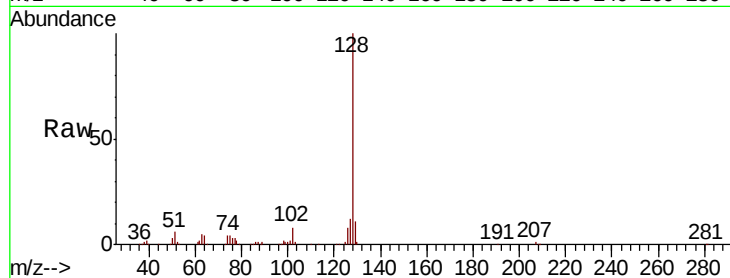
Tot Ion:128 Resp: 125988

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

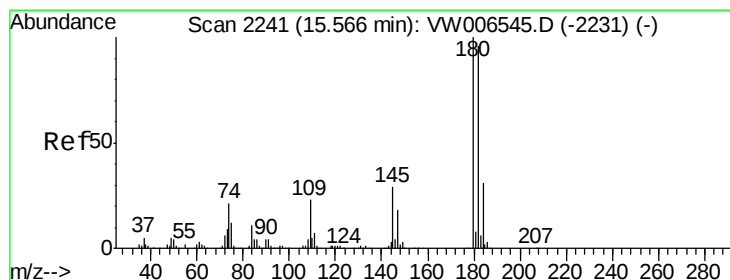
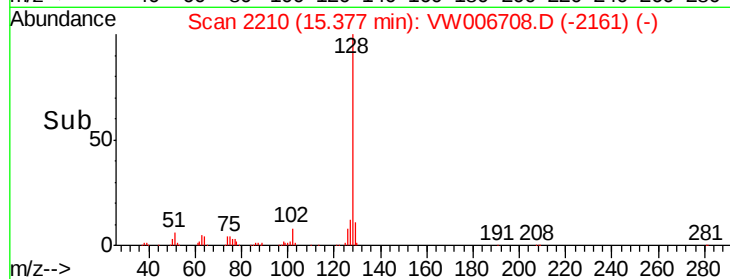
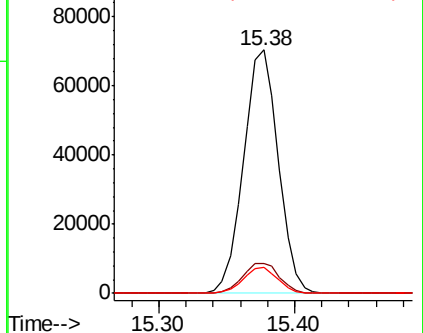
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.271 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

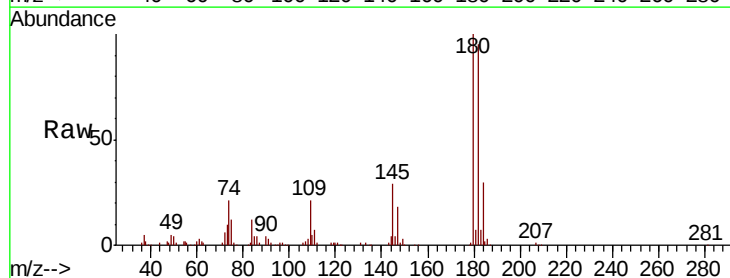
Tgt Ion:180 Resp: 73317

Ion Ratio Lower Upper

180 100

182 95.2 48.2 144.6

145 29.5 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

