

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003796.D
 Acq On : 10 Jul 2018 01:05
 Operator : SY/AP
 Sample : VW0709SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Quant Time: Jul 10 01:58:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126605	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	108690	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.32	98	424459	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	153353	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18881	20.160	ug/l	99
3) Chloromethane	2.21	50	38469	21.636	ug/l	94
4) Vinyl Chloride	2.36	62	54040	23.044	ug/l	97
5) Bromomethane	2.77	94	32702	19.755	ug/l	97
6) Chloroethane	2.92	64	28124	19.997	ug/l	98
7) Trichlorofluoromethane	3.25	101	21706	22.912	ug/l	95
8) Diethyl Ether	3.67	74	23022	23.712	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	43594	23.662	ug/l	100
10) Methyl Iodide	4.26	142	65409	23.851	ug/l	98
11) Tert butyl alcohol	5.18	59	19361	141.865	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43371	23.975	ug/l	96
13) Acrolein	3.88	56	19679	96.676	ug/l	99
14) Allyl chloride	4.65	41	72355	23.005	ug/l	99
15) Acrylonitrile	5.37	53	55937	115.049	ug/l	99
16) Acetone	4.12	43	52326	119.762	ug/l	98
17) Carbon Disulfide	4.37	76	141739	23.899	ug/l	99
18) Methyl Acetate	4.67	43	27522	22.342	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	80939	21.653	ug/l	99
20) Methylene Chloride	4.90	84	53334	22.649	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	47033	21.961	ug/l	97
22) Diisopropyl ether	6.31	45	154393	22.329	ug/l	99
23) Vinyl Acetate	6.26	43	444299	105.262	ug/l	100
24) 1,1-Dichloroethane	6.21	63	90784	21.709	ug/l	99
25) 2-Butanone	7.18	43	75113	109.761	ug/l	99
26) 2,2-Dichloropropane	7.17	77	47706	21.032	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	50640	21.383	ug/l	99
28) Bromochloromethane	7.51	49	39194	21.039	ug/l	100
29) Tetrahydrofuran	7.53	42	48848	111.039	ug/l	99
30) Chloroform	7.68	83	93624	21.946	ug/l	100
31) Cyclohexane	7.95	56	78218	21.285	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72571	22.352	ug/l	99
36) 1,1-Dichloropropene	8.08	75	71655	21.723	ug/l	99
37) Ethyl Acetate	7.26	43	35652	22.213	ug/l	98
38) Carbon Tetrachloride	8.07	117	68385	21.805	ug/l	97

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VW0709SBS02

Quant Time: Jul 10 01:58:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77405	21.426	ug/l	98
40) Benzene	8.32	78	205921	21.836	ug/l	98
41) Methacrylonitrile	7.48	41	20636	22.351	ug/l	93
42) 1,2-Dichloroethane	8.40	62	65461	21.448	ug/l	100
43) Isopropyl Acetate	8.43	43	64147	21.088	ug/l	99
44) Trichloroethene	9.09	130	51339	21.594	ug/l	98
45) 1,2-Dichloropropane	9.37	63	54211	22.109	ug/l	97
46) Dibromomethane	9.46	93	27771	21.540	ug/l	97
47) Bromodichloromethane	9.65	83	67942	21.421	ug/l	98
48) Methyl methacrylate	9.44	41	30252	20.882	ug/l	96
49) 1,4-Dioxane	9.45	88	9050	469.659	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	172434	109.543	ug/l	99
52) Toluene	10.39	92	129081	22.074	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64685	20.425	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	74978	20.973	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38474	21.486	ug/l	98
56) Ethyl methacrylate	10.65	69	45260	20.712	ug/l	98
57) 1,3-Dichloropropane	10.93	76	65741	21.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92734	89.523	ug/l	99
59) 2-Hexanone	10.98	43	118495	109.624	ug/l	98
60) Dibromochloromethane	11.13	129	44946	21.502	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36536	21.336	ug/l	99
64) Tetrachloroethene	10.87	164	50557	22.982	ug/l	97
65) Chlorobenzene	11.66	112	142080	21.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49654	21.673	ug/l	99
67) Ethyl Benzene	11.74	91	242914	21.668	ug/l	99
68) m/p-Xylenes	11.84	106	189114	44.053	ug/l	99
69) o-Xylene	12.17	106	86319	21.791	ug/l	100
70) Styrene	12.19	104	148408	22.032	ug/l	99
71) Bromoform	12.35	173	27492	21.743	ug/l #	99
73) Isopropylbenzene	12.47	105	236348	21.745	ug/l	99
74) N-amyl acetate	12.28	43	61964	21.032	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47175	21.410	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	61222	38.845	ug/l #	100
77) Bromobenzene	12.75	156	58155	21.552	ug/l	98
78) n-propylbenzene	12.81	91	299002	21.914	ug/l	100
79) 2-Chlorotoluene	12.90	91	171126	21.831	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	211053	22.529	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	13070	20.286	ug/l	99
82) 4-Chlorotoluene	12.99	91	186393	22.113	ug/l	99
83) tert-Butylbenzene	13.21	119	169771	21.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	215472	22.141	ug/l	99
85) sec-Butylbenzene	13.39	105	258770	22.390	ug/l	100
86) p-Isopropyltoluene	13.51	119	221529	21.936	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	119436	21.846	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	118962	21.639	ug/l	99
89) n-Butylbenzene	13.83	91	214195	21.562	ug/l	100
90) Hexachloroethane	14.10	117	41337	21.249	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	106918	21.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8199	21.496	ug/l	98

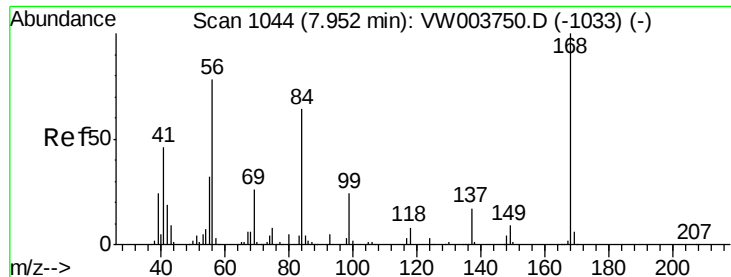
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
Data File : VW003796.D
Acq On : 10 Jul 2018 01:05
Operator : SY/AP
Sample : VW0709SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

Quant Time: Jul 10 01:58:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	69950	21.001	ug/l	100
94) Hexachlorobutadiene	15.24	225	39949	20.969	ug/l	98
95) Naphthalene	15.38	128	123059	20.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	62235	20.868	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleID :

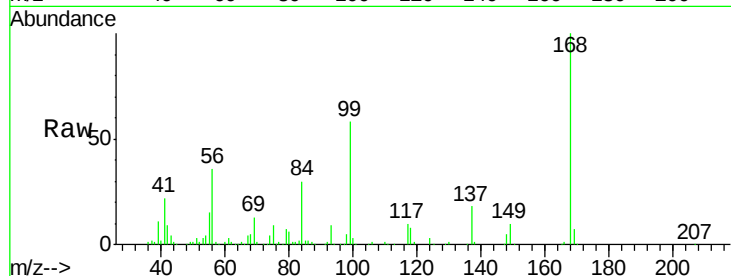
VW0709SBSD02

Tot Ion:168 Resp: 192572

Ion Ratio Lower Upper

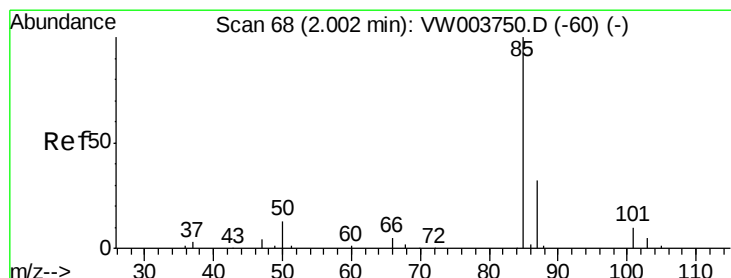
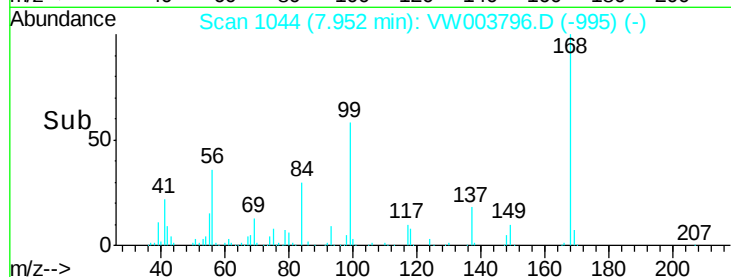
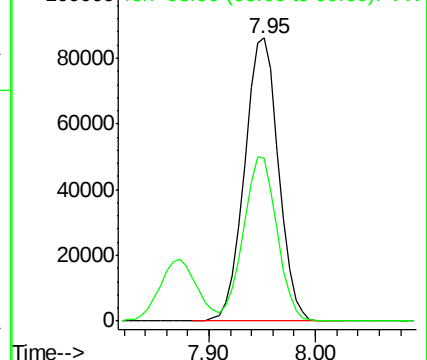
168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.160 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003796.D

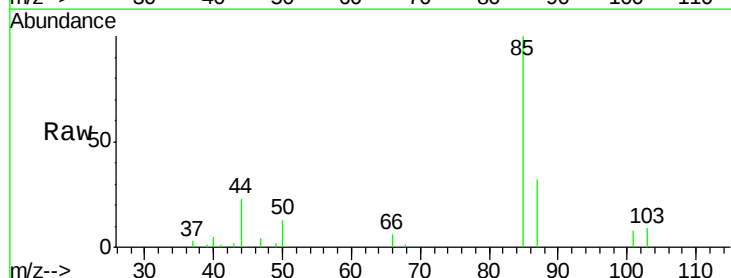
Acq: 10 Jul 2018 01:05

Tgt Ion: 85 Resp: 18881

Ion Ratio Lower Upper

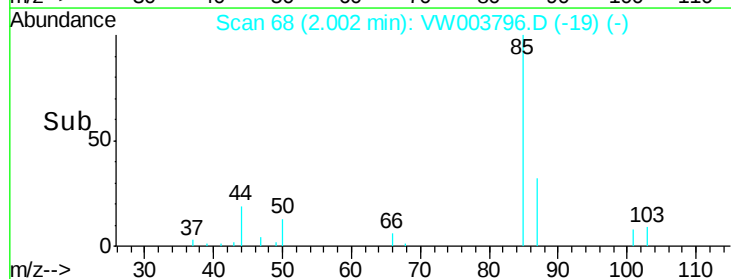
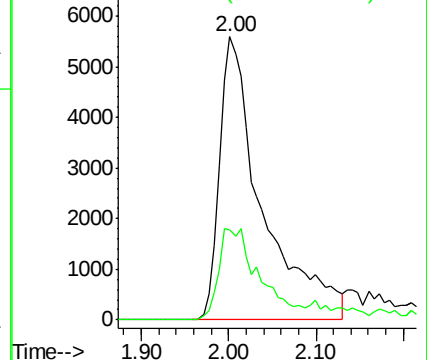
85 100

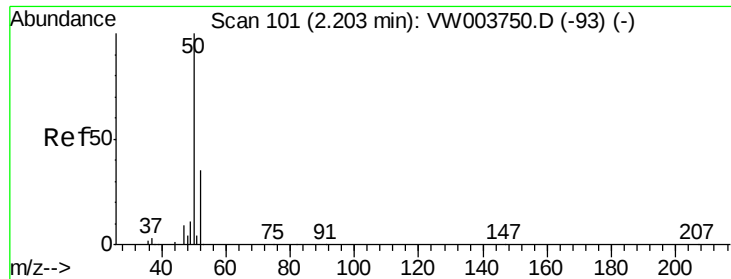
87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.636 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

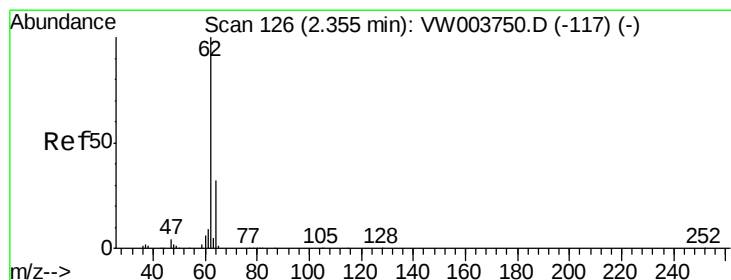
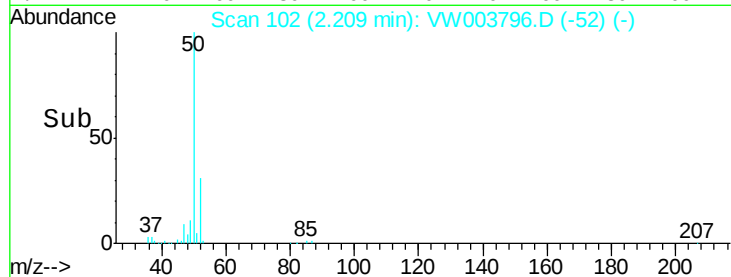
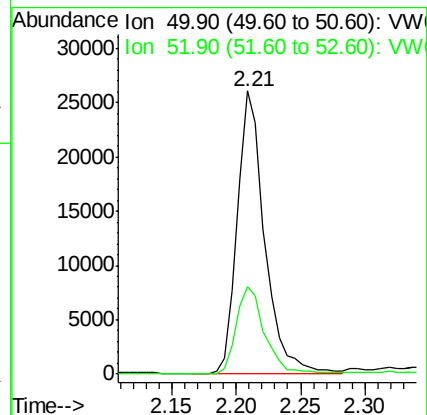
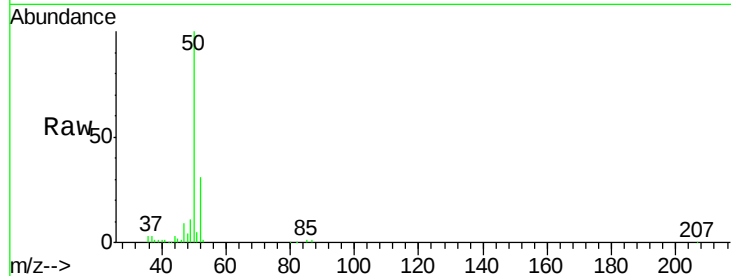
VW0709SBSD02

Tot Ion: 50 Resp: 38469

Ion Ratio Lower Upper

50 100

52 31.2 27.8 41.6



#4

Vinyl Chloride

Concen: 23.044 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003796.D

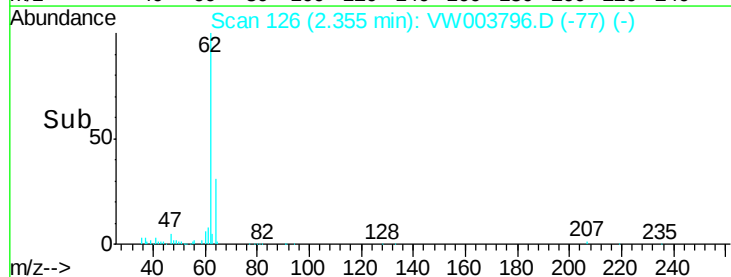
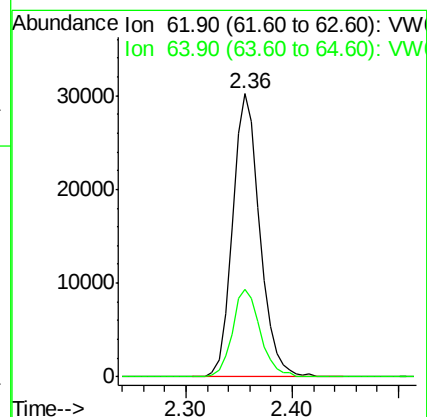
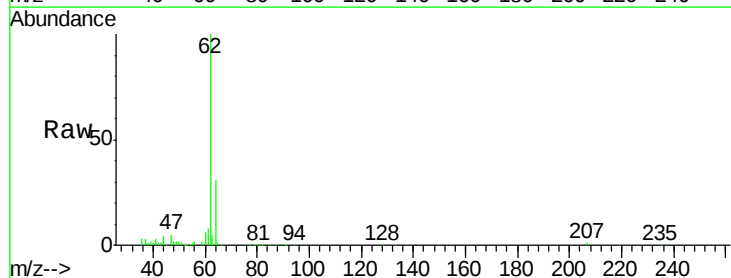
Acq: 10 Jul 2018 01:05

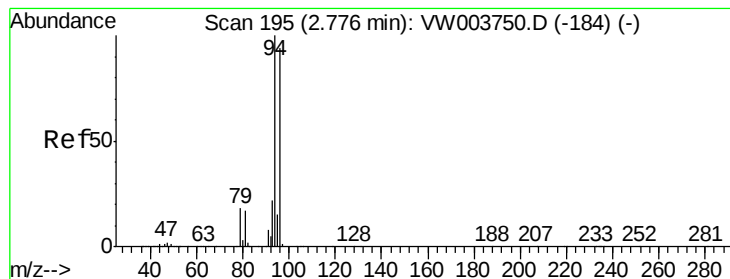
Tgt Ion: 62 Resp: 54040

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 19.755 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

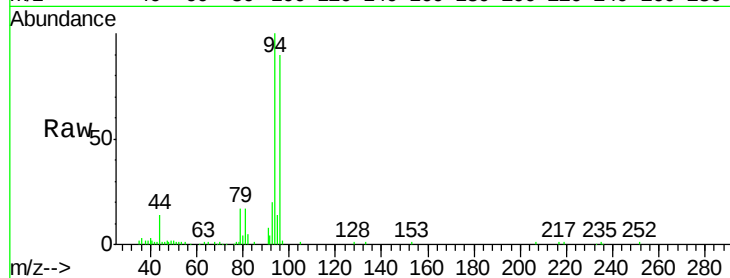
VW0709SBSD02

Tot Ion: 94 Resp: 32702

Ion Ratio Lower Upper

94 100

96 90.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

15000

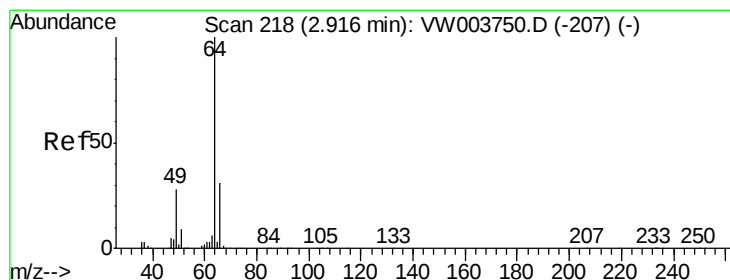
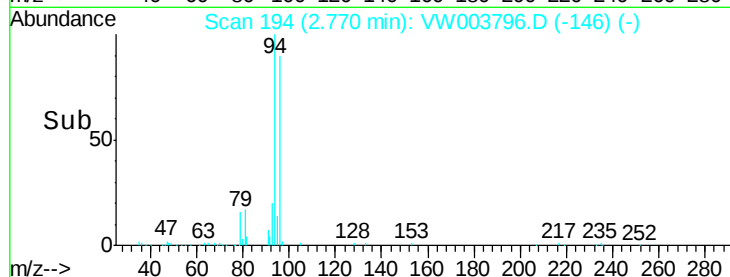
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 19.997 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003796.D

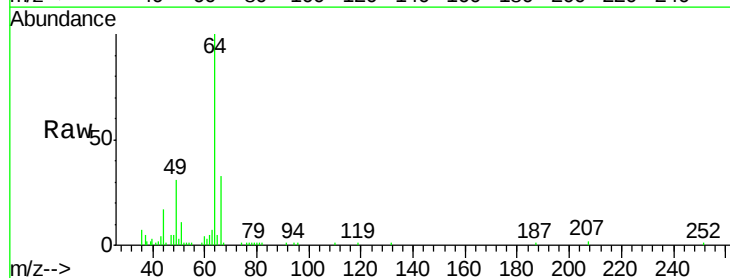
Acq: 10 Jul 2018 01:05

Tgt Ion: 64 Resp: 28124

Ion Ratio Lower Upper

64 100

66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

10000

8000

6000

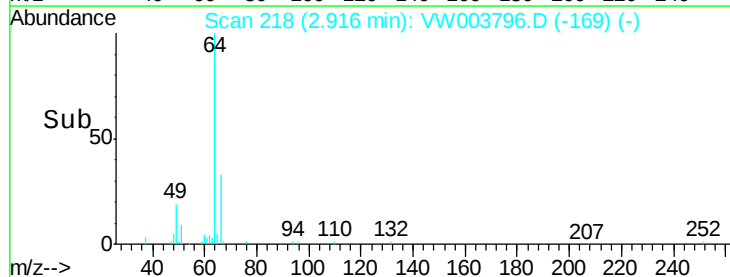
4000

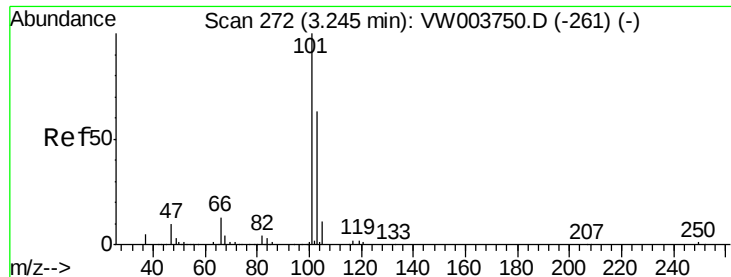
2000

0

Time-->

2.80 2.90 3.00 3.10



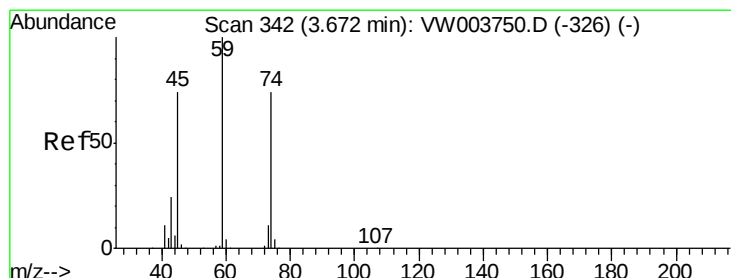
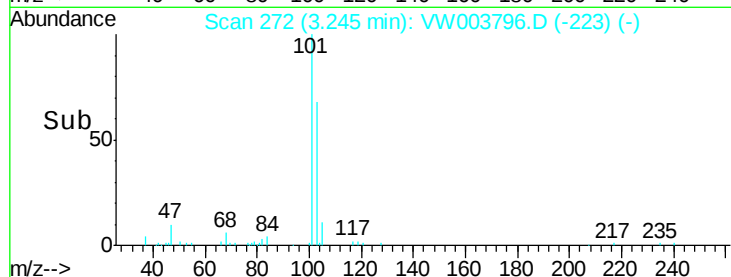
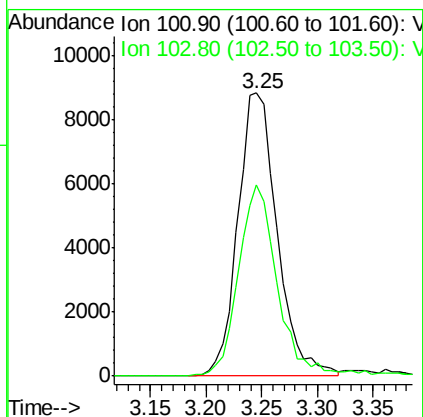
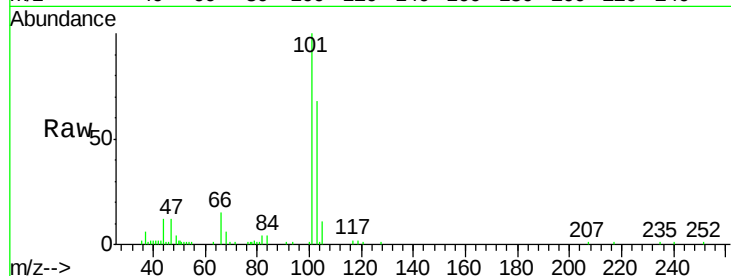


#7

Trichlorofluoromethane
 Concen: 22.912 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

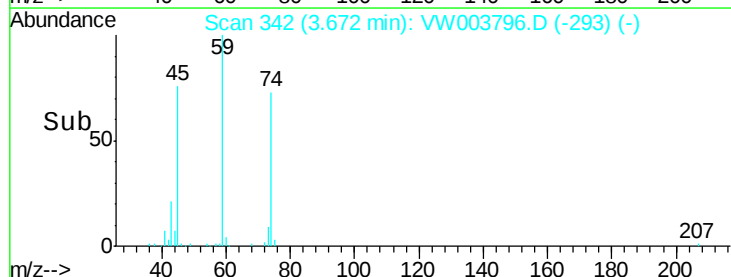
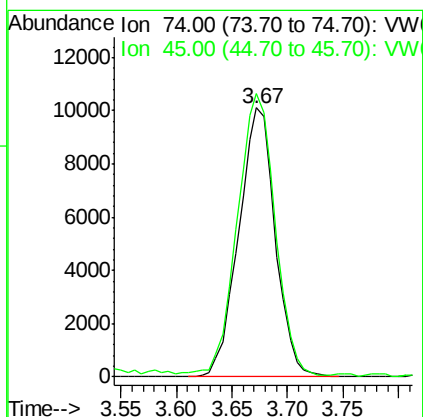
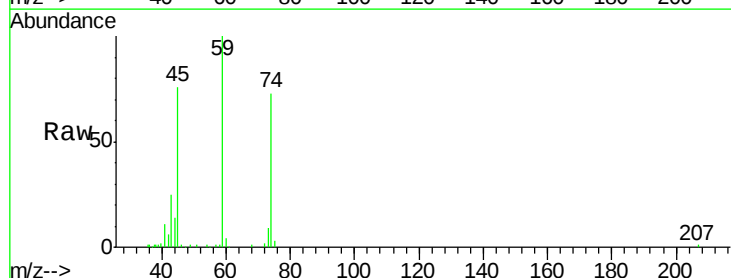
Tot Ion:101 Resp: 21706
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.7 76.1

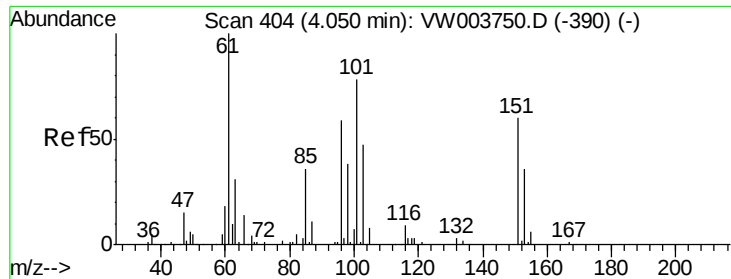


#8

Diethyl Ether
 Concen: 23.712 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion: 74 Resp: 23022
 Ion Ratio Lower Upper
 74 100
 45 107.8 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.662 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

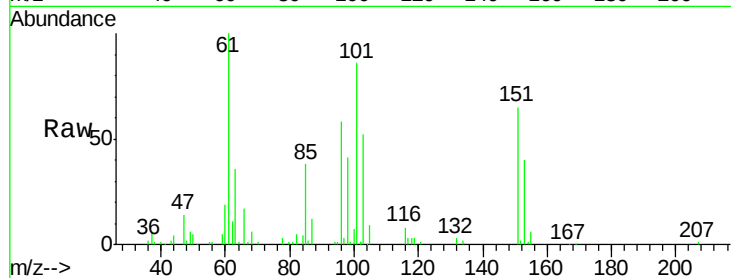
Tot Ion:101 Resp: 43594

Ion Ratio Lower Upper

101 100

85 46.6 37.1 55.7

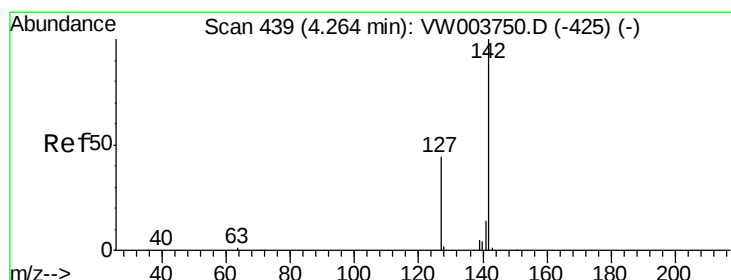
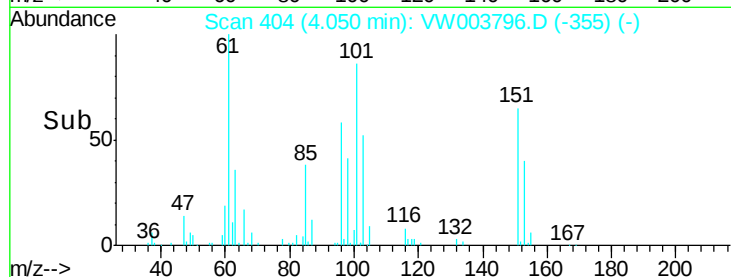
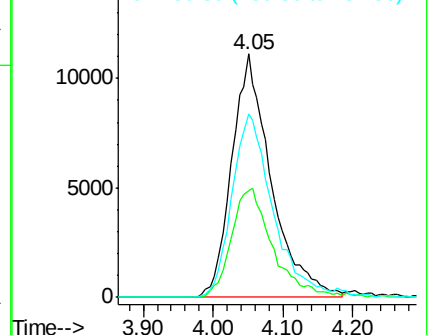
151 77.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.851 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

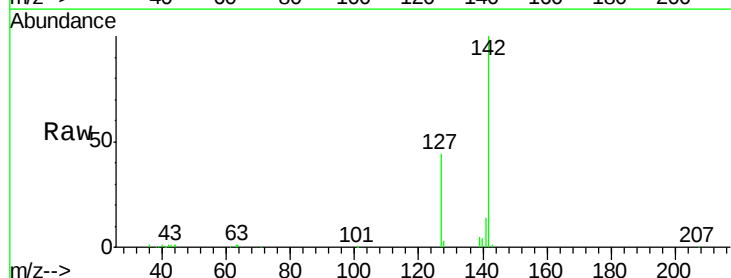
Tgt Ion:142 Resp: 65409

Ion Ratio Lower Upper

142 100

127 46.3 36.1 54.1

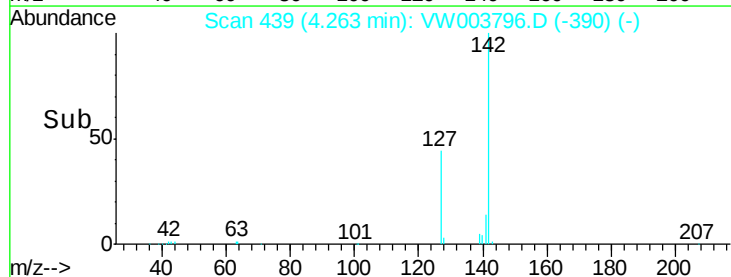
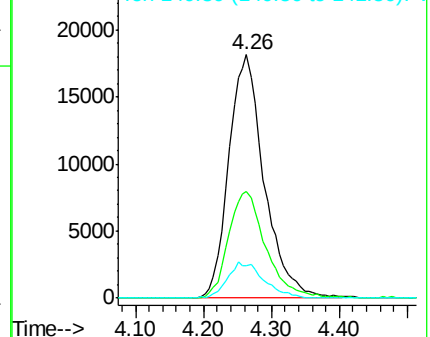
141 15.1 11.6 17.4

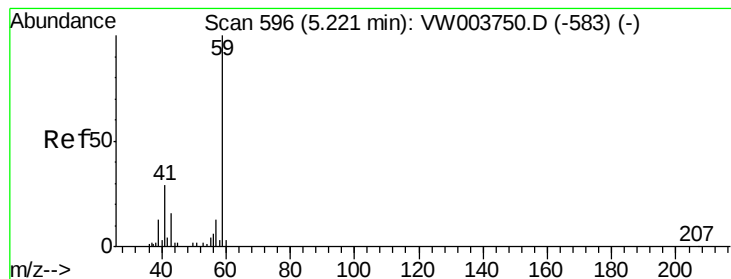


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 141.865 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.04 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

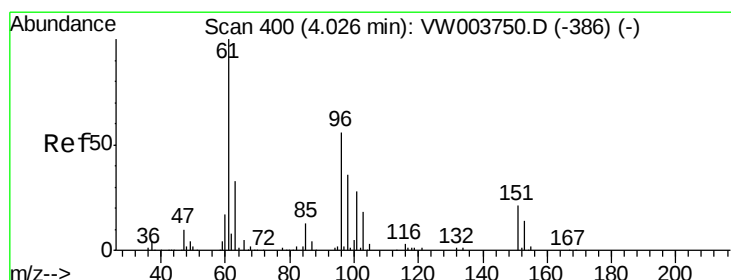
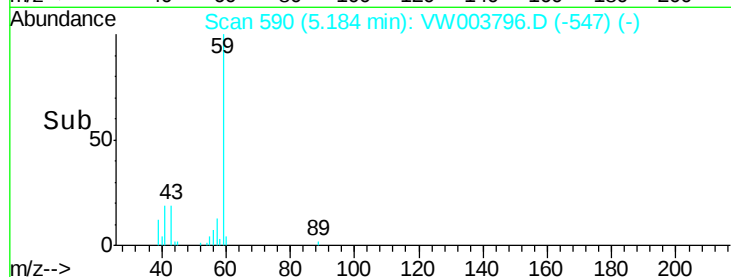
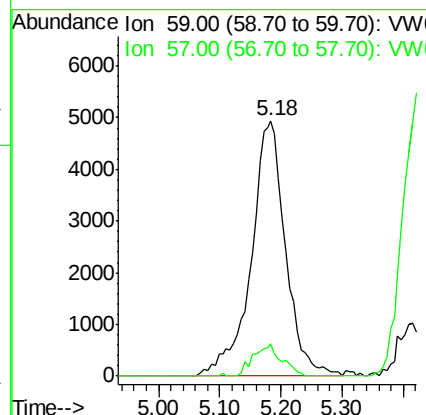
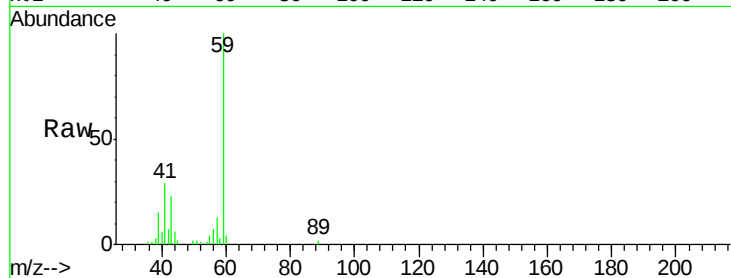
VW0709SBSD02

Tot Ion: 59 Resp: 19361

Ion Ratio Lower Upper

59 100

57 10.4 9.3 13.9



#12

1,1-Dichloroethene

Concen: 23.975 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

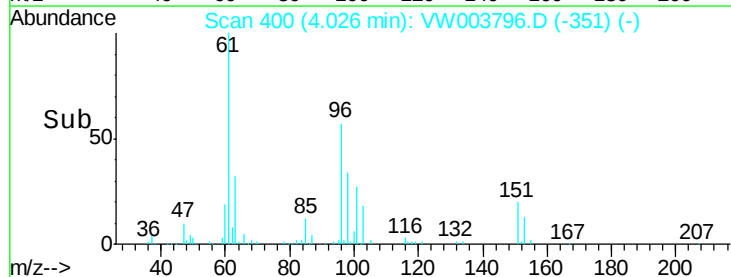
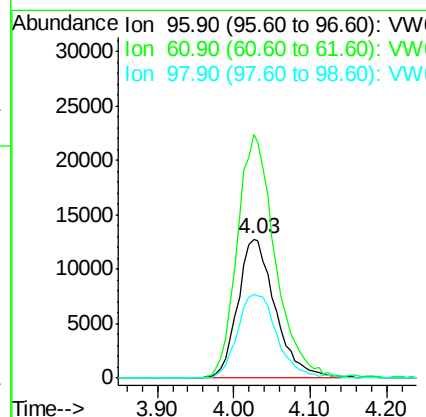
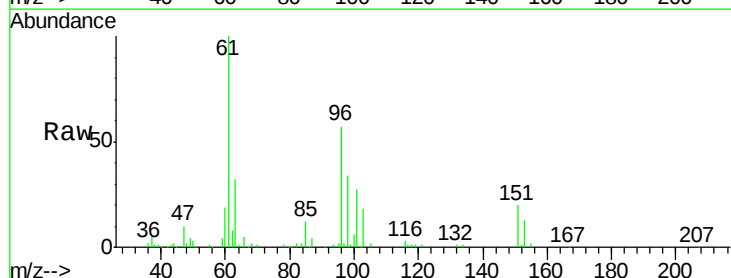
Tgt Ion: 96 Resp: 43371

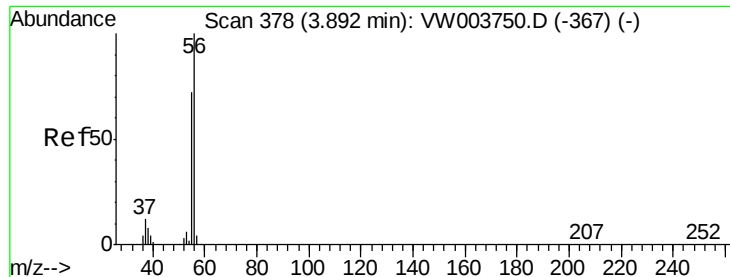
Ion Ratio Lower Upper

96 100

61 174.8 143.2 214.8

98 60.0 51.4 77.0





#13

Acrolein

Concen: 96.676 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

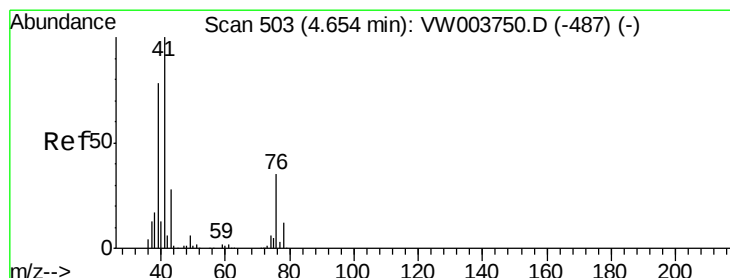
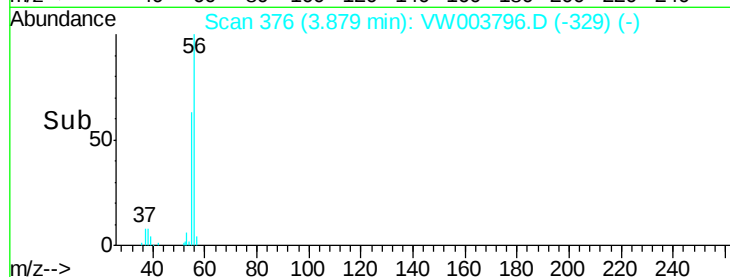
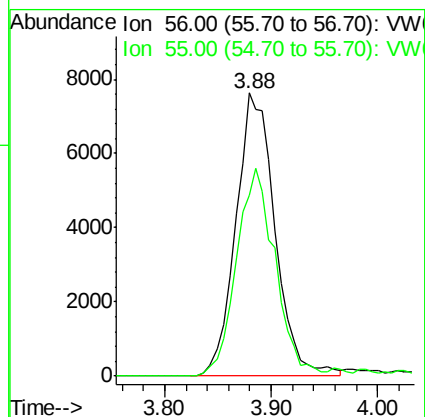
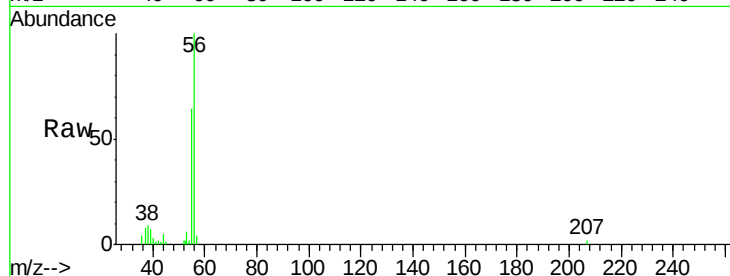
VW0709SBSD02

Tot Ion: 56 Resp: 19679

Ion Ratio Lower Upper

56 100

55 72.4 57.5 86.3



#14

Allyl chloride

Concen: 23.005 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

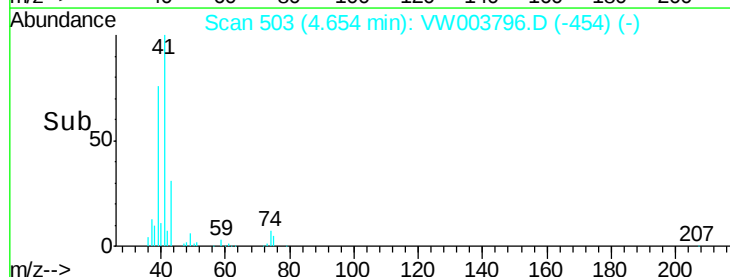
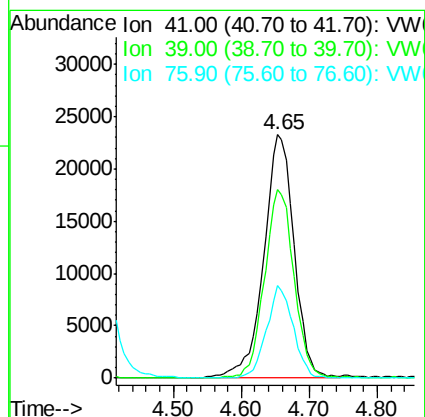
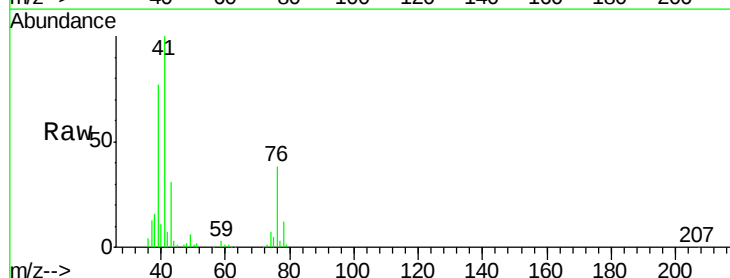
Tgt Ion: 41 Resp: 72355

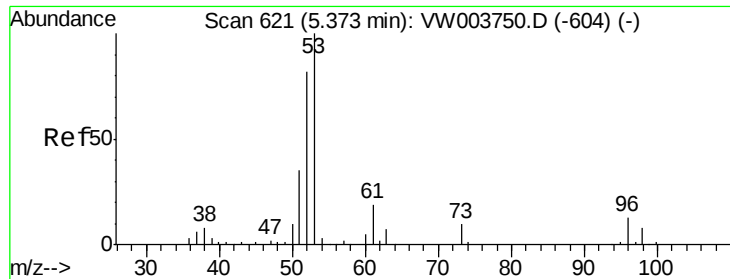
Ion Ratio Lower Upper

41 100

39 75.5 60.9 91.3

76 33.2 27.5 41.3





#15

Acrylonitrile

Concen: 115.049 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

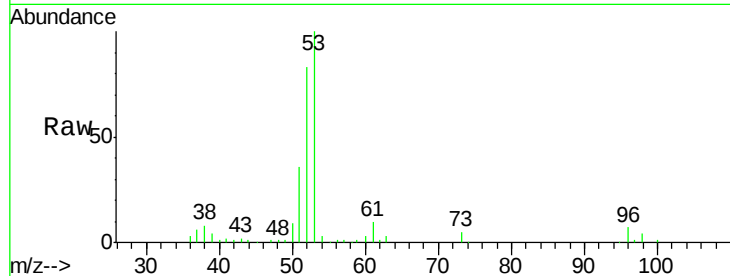
Tot Ion: 53 Resp: 55937

Ion Ratio Lower Upper

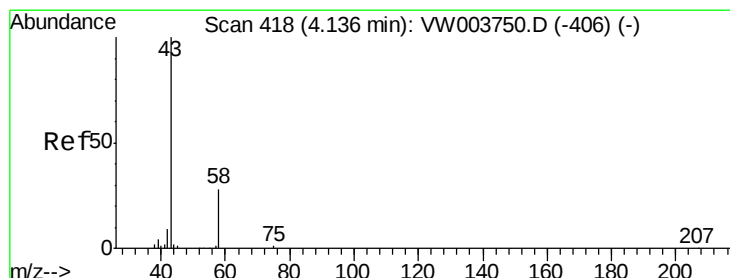
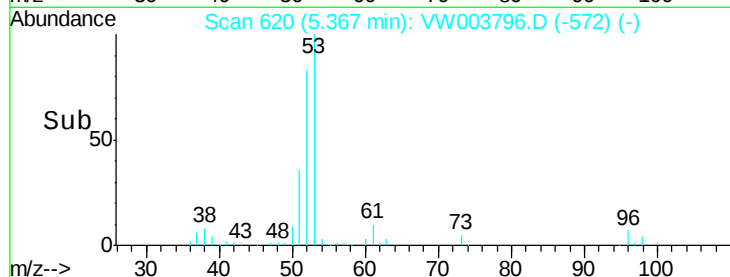
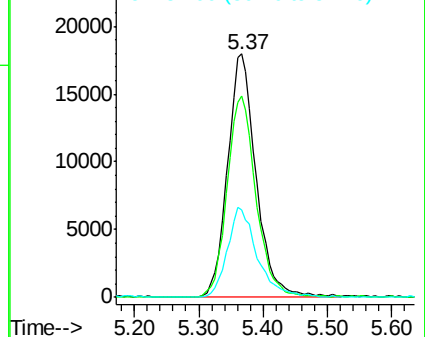
53 100

52 83.4 66.2 99.2

51 38.4 30.2 45.4



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: 119.762 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003796.D

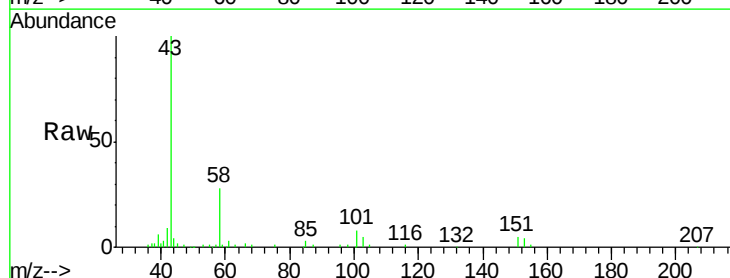
Acq: 10 Jul 2018 01:05

Tgt Ion: 43 Resp: 52326

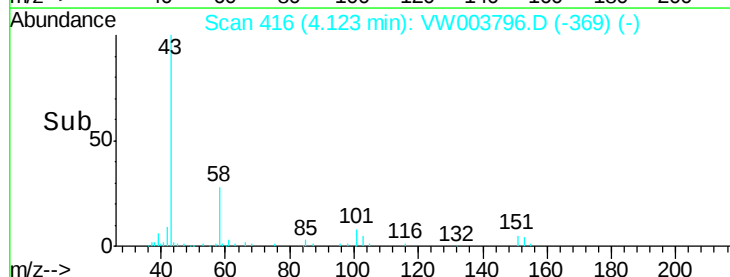
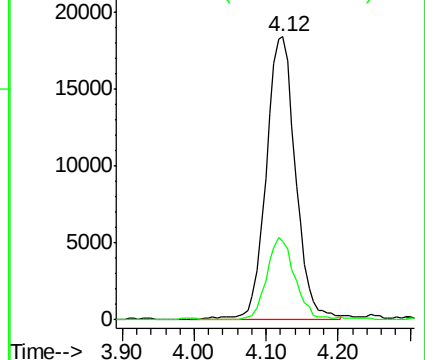
Ion Ratio Lower Upper

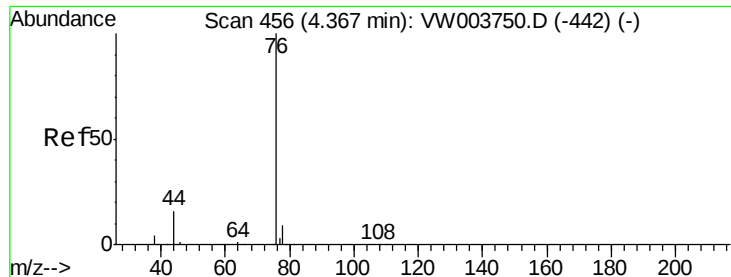
43 100

58 27.1 22.6 34.0



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





#17

Carbon Disulfide

Concen: 23.899 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

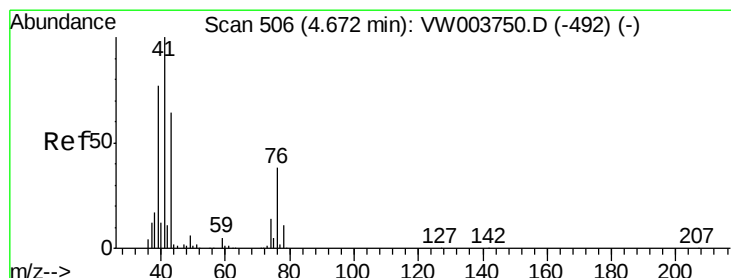
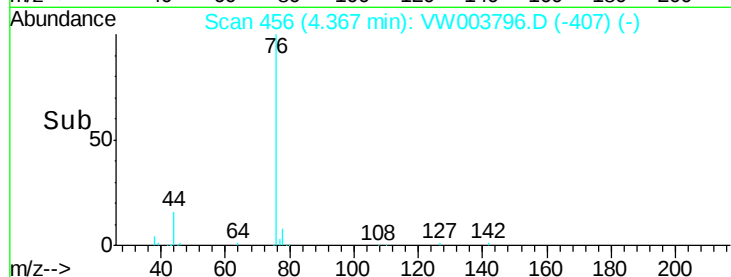
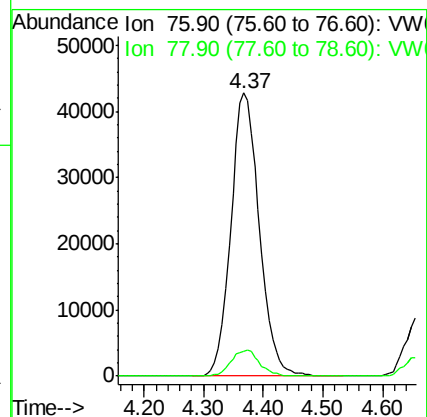
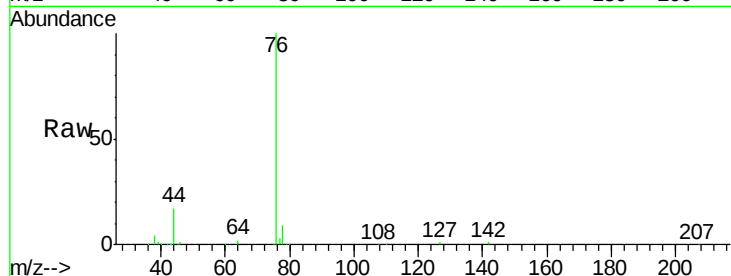
VW0709SBSD02

Tot Ion: 76 Resp: 141739

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 22.342 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003796.D

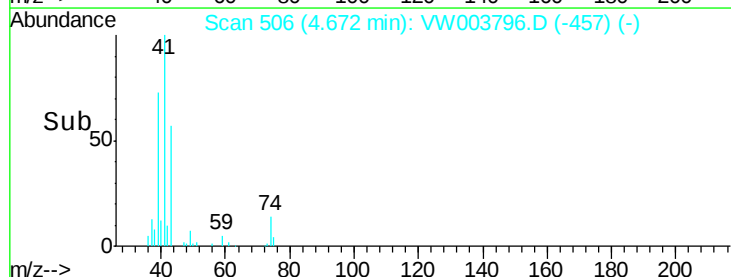
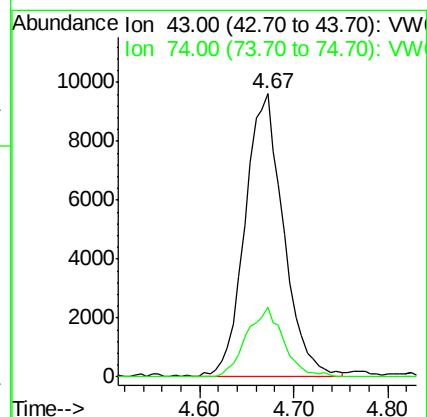
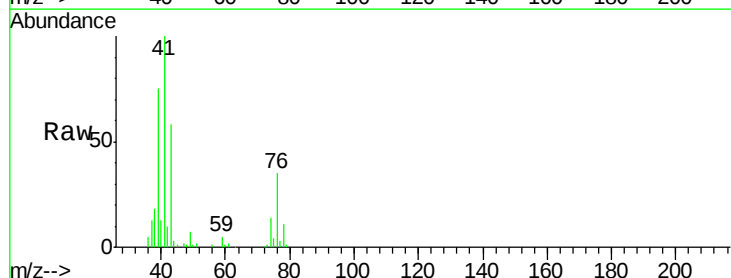
Acq: 10 Jul 2018 01:05

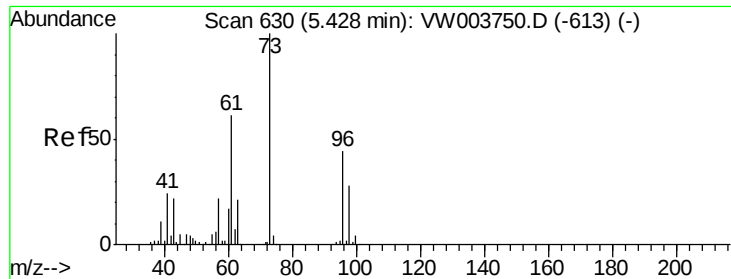
Tgt Ion: 43 Resp: 27522

Ion Ratio Lower Upper

43 100

74 23.6 17.3 25.9

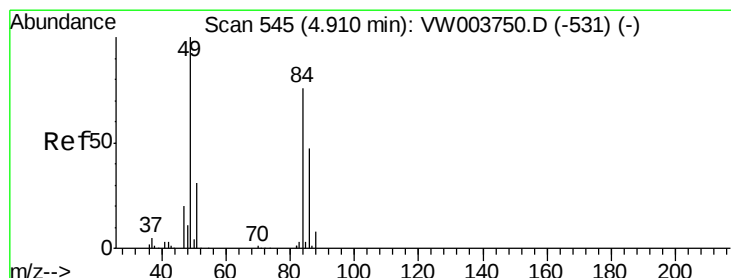
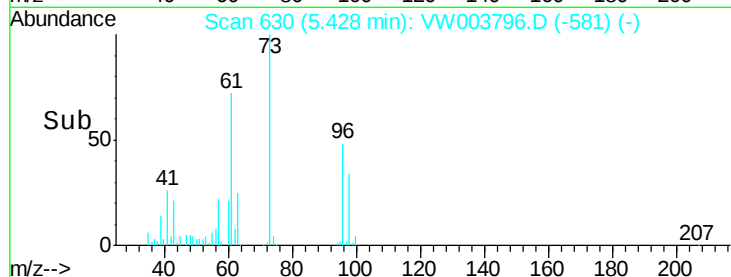
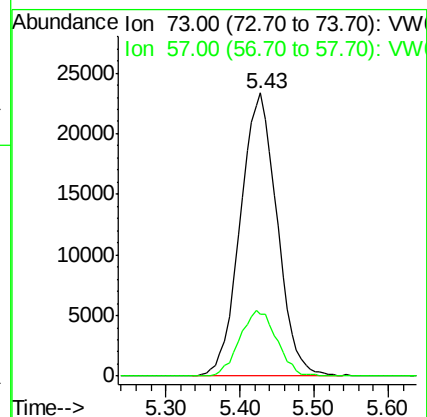
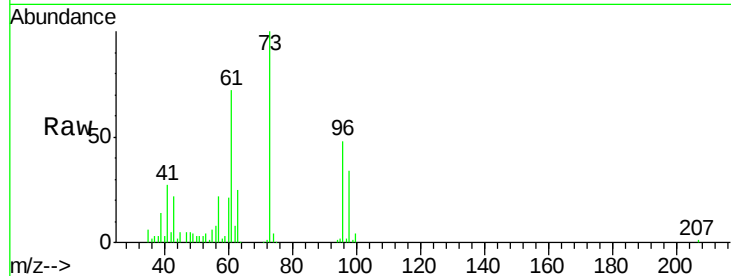




#19
Methyl tert-butyl Ether
Concen: 21.653 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

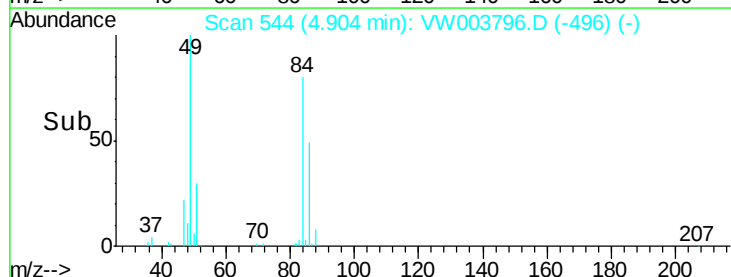
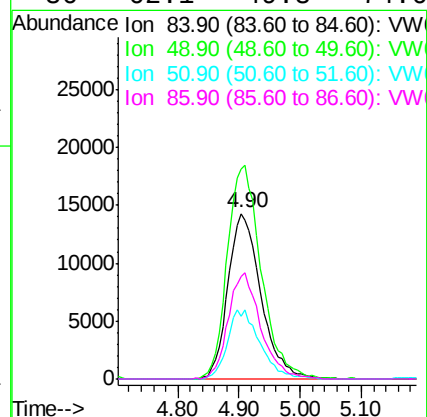
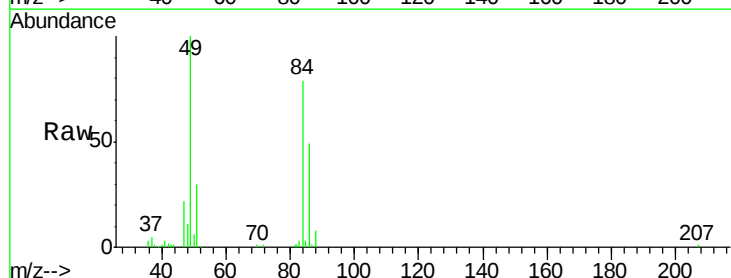
Instrument :
MSVOA_W
ClientSampleID :
VW0709SBS02

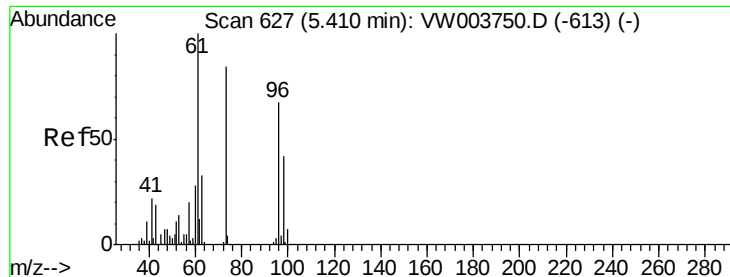
Tot Ion: 73 Resp: 80939
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9



#20
Methylene Chloride
Concen: 22.649 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 84 Resp: 53334
Ion Ratio Lower Upper
84 100
49 126.4 105.1 157.7
51 38.2 32.5 48.7
86 62.1 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21.961 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

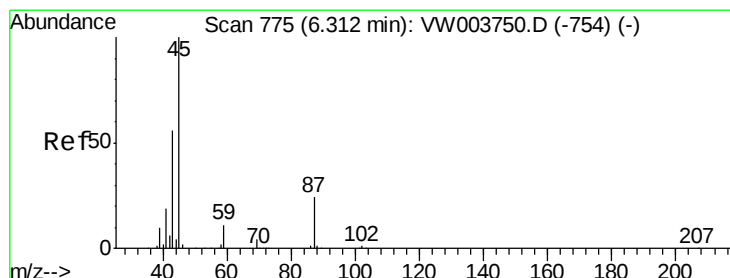
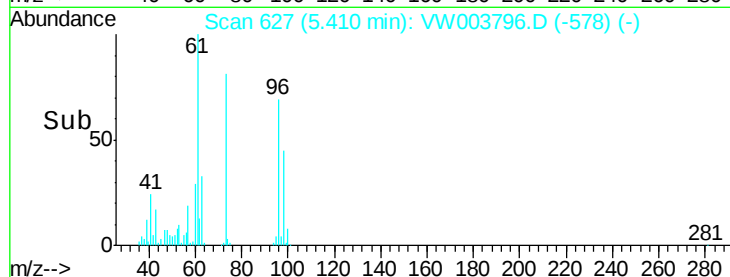
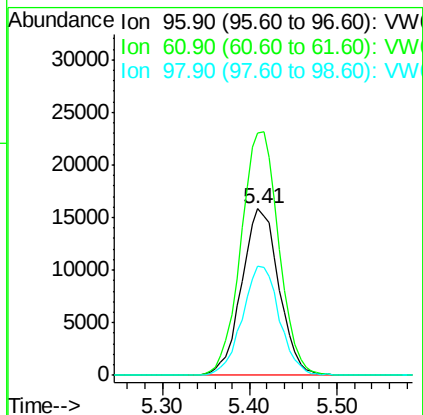
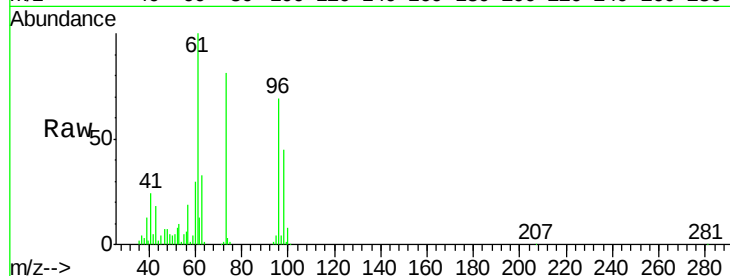
Tot Ion: 96 Resp: 47033

Ion Ratio Lower Upper

96 100

61 145.3 119.0 178.6

98 65.5 49.8 74.8



#22

Diisopropyl ether

Concen: 22.329 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion: 45 Resp: 154393

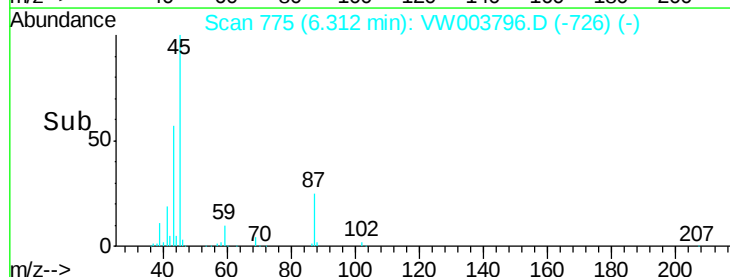
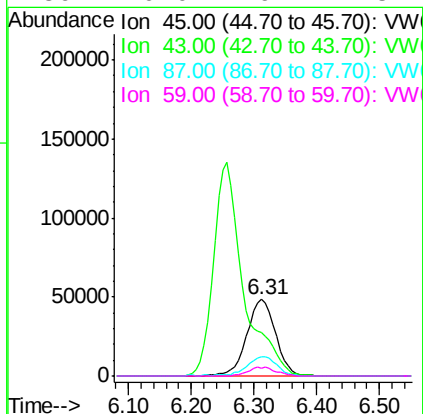
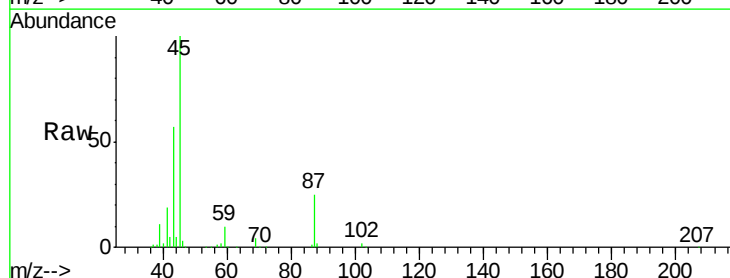
Ion Ratio Lower Upper

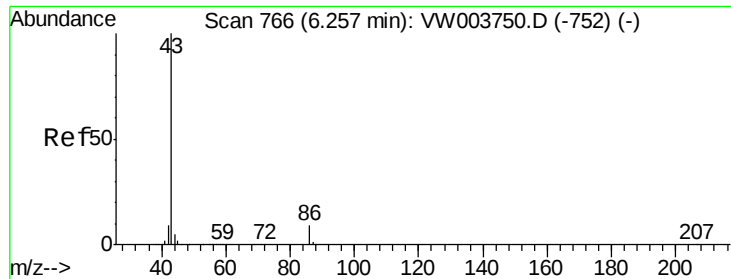
45 100

43 56.5 44.5 66.7

87 24.4 19.6 29.4

59 10.0 9.1 13.7





#23

Vinyl Acetate

Concen: 105.262 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

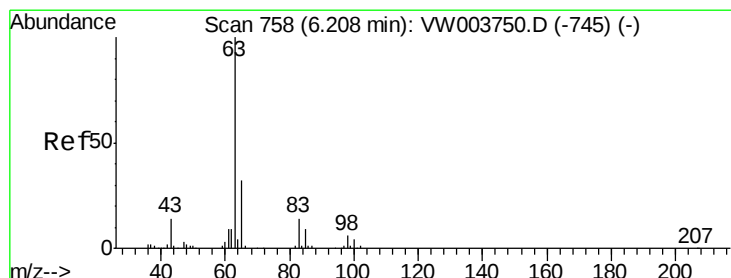
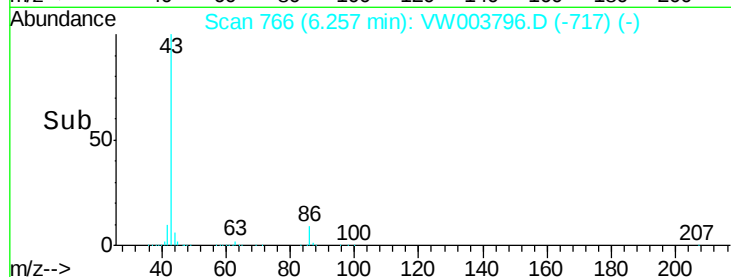
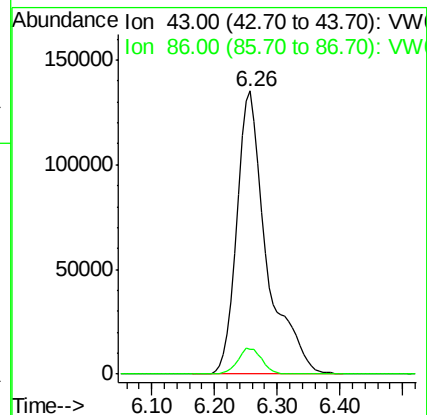
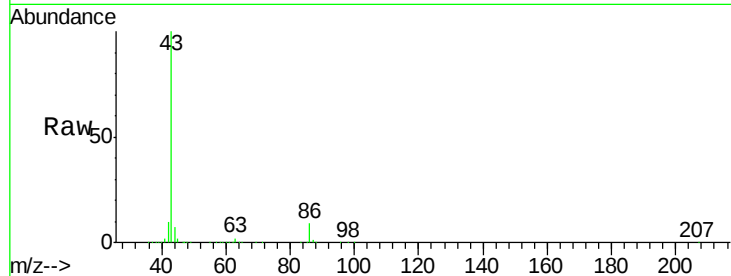
VW0709SBSD02

Tot Ion: 43 Resp: 444299

Ion Ratio Lower Upper

43 100

86 9.0 7.3 10.9



#24

1,1-Dichloroethane

Concen: 21.709 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

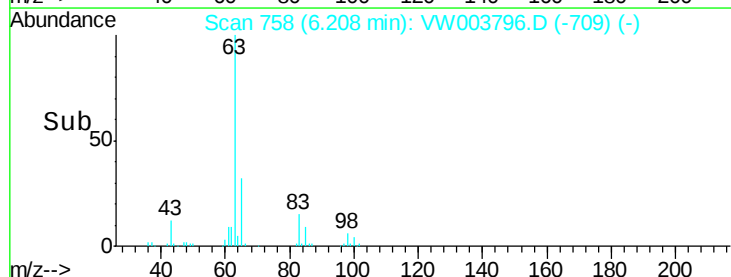
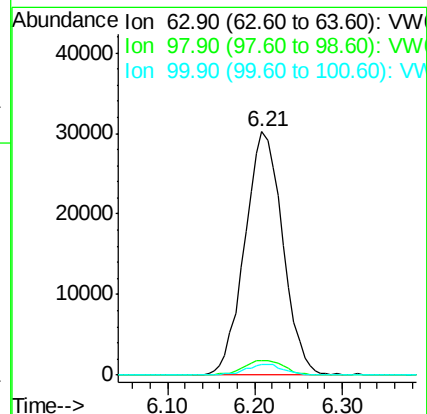
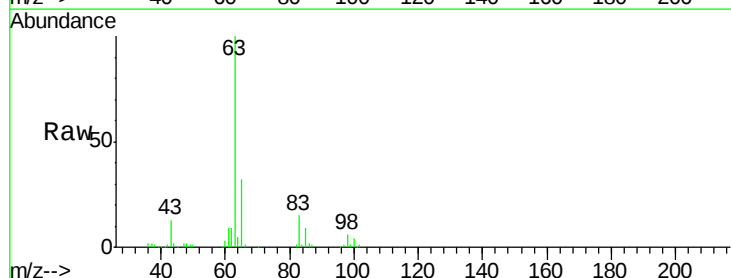
Tgt Ion: 63 Resp: 90784

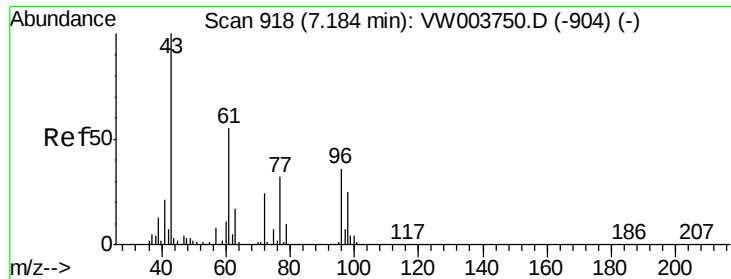
Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 109.761 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

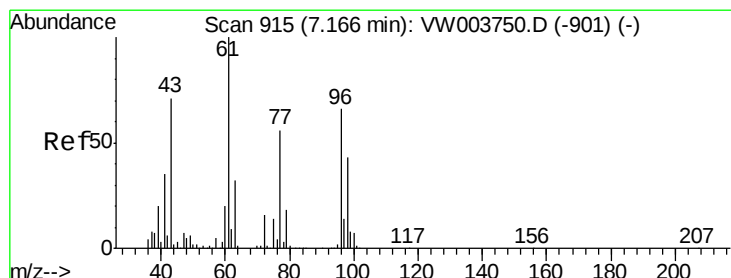
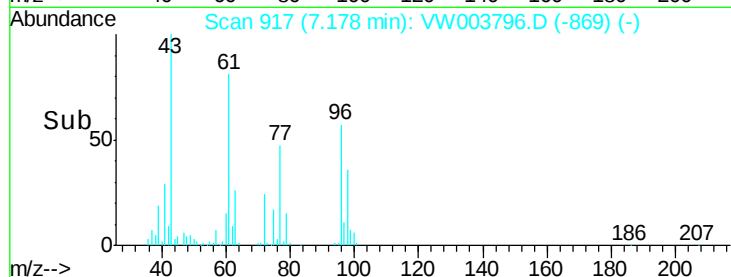
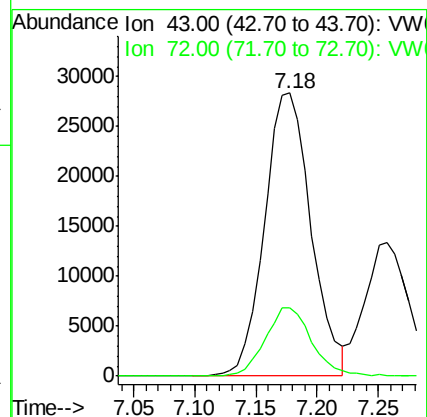
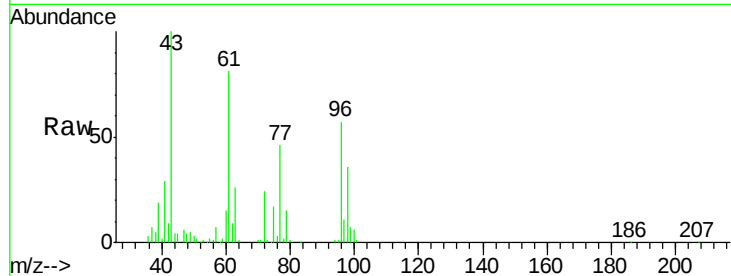
VW0709SBSD02

Tot Ion: 43 Resp: 75113

Ion Ratio Lower Upper

43 100

72 24.0 19.4 29.2



#26

2,2-Dichloropropane

Concen: 21.032 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003796.D

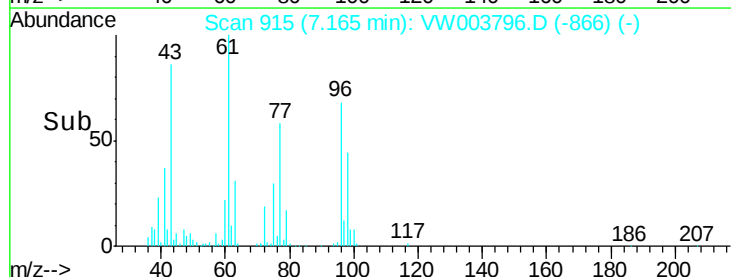
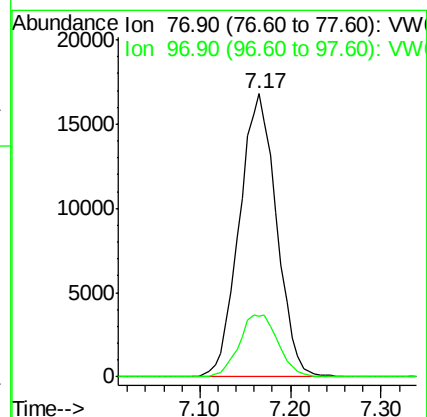
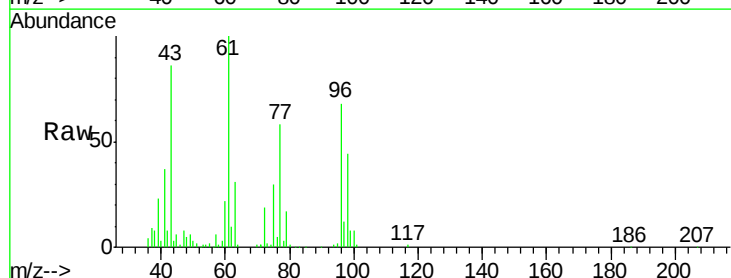
Acq: 10 Jul 2018 01:05

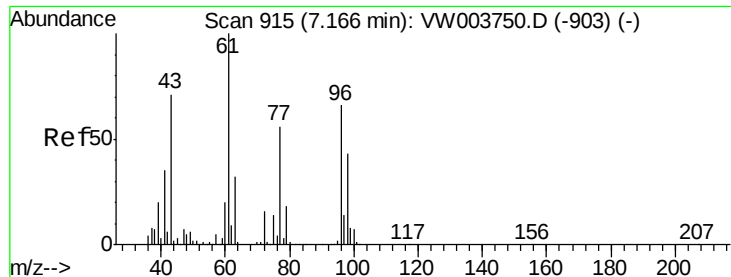
Tgt Ion: 77 Resp: 47706

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



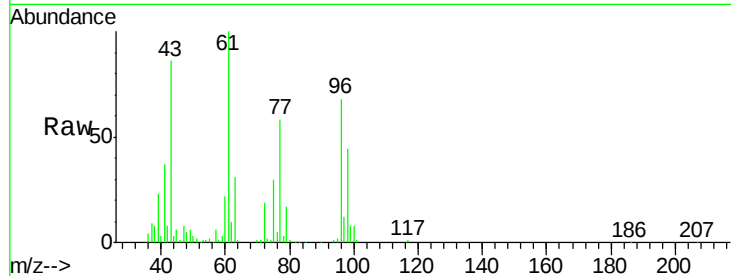


#27

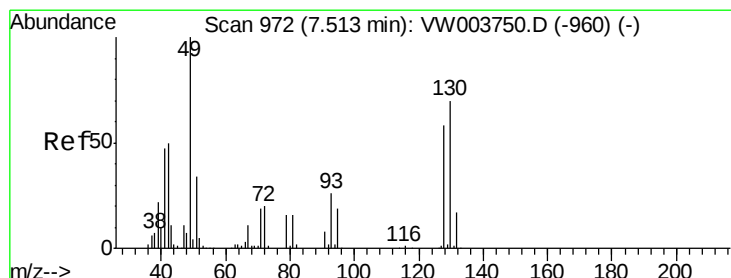
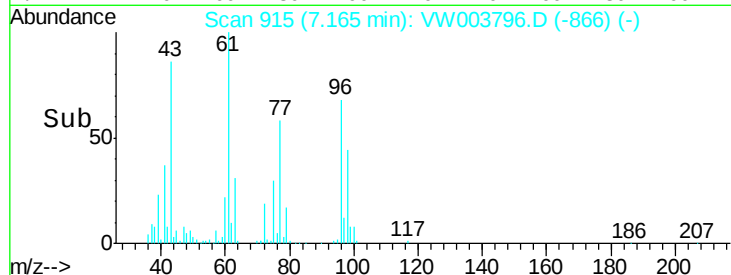
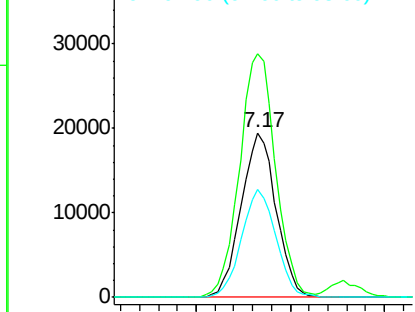
cis-1,2-Dichloroethene
Concen: 21.383 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

Tot Ion: 96 Resp: 50640
Ion Ratio Lower Upper
96 100
61 152.5 0.0 300.8
98 64.6 0.0 128.6



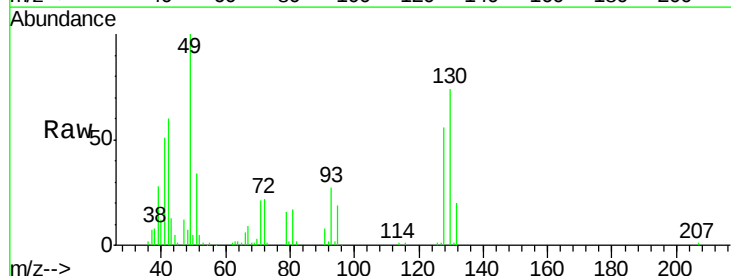
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



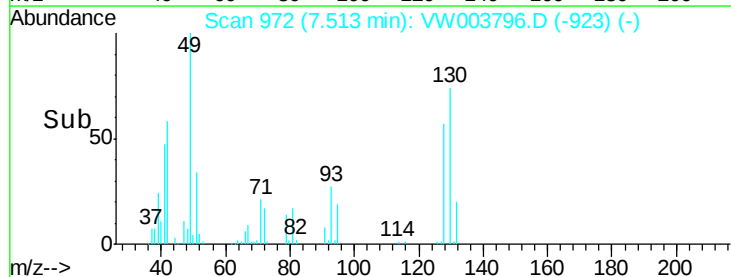
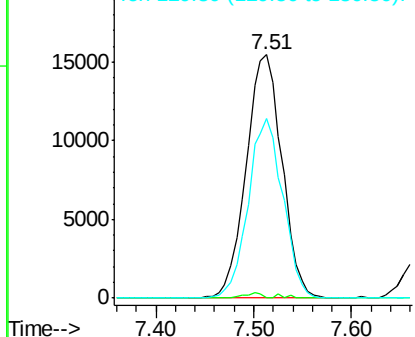
#28

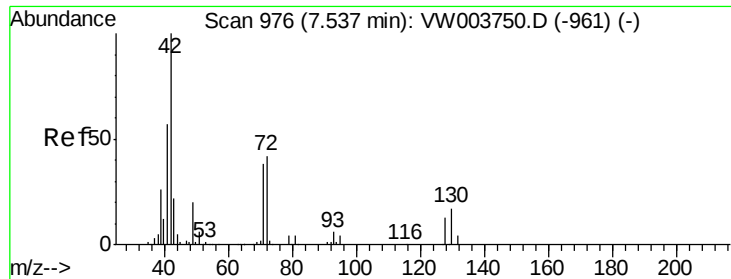
Bromochloromethane
Concen: 21.039 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 49 Resp: 39194
Ion Ratio Lower Upper
49 100
129 0.4 0.0 4.4
130 71.4 56.9 85.3



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

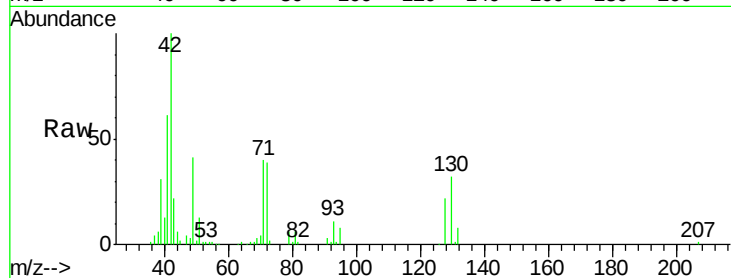




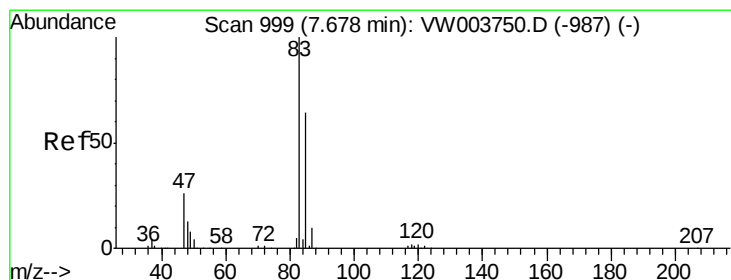
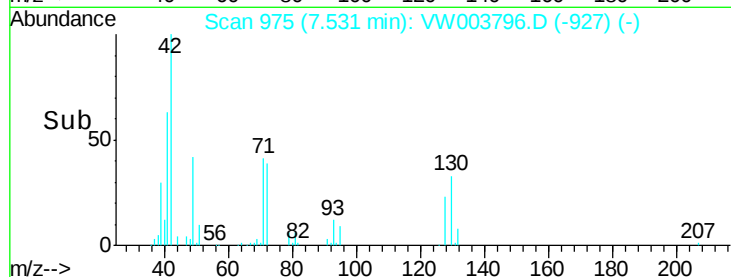
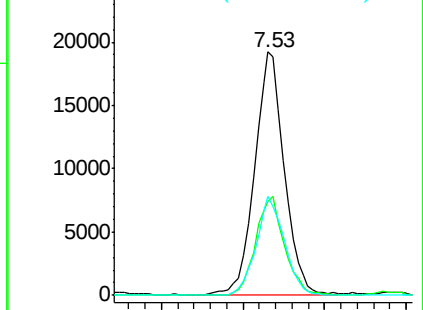
#29
Tetrahydrofuran
Concen: 111.039 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.8	47.8
71	38.7	30.3	45.5

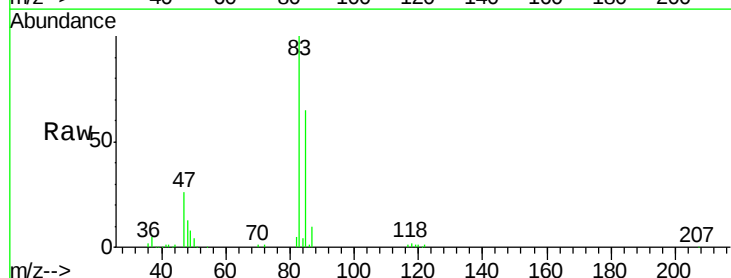


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

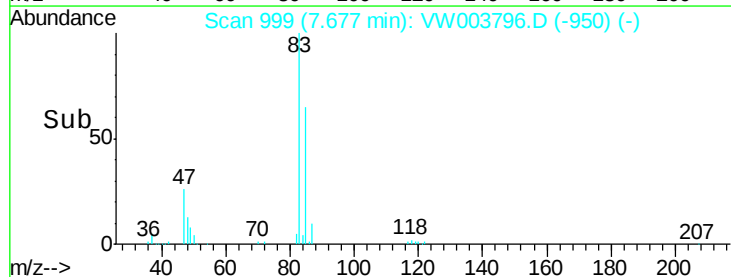
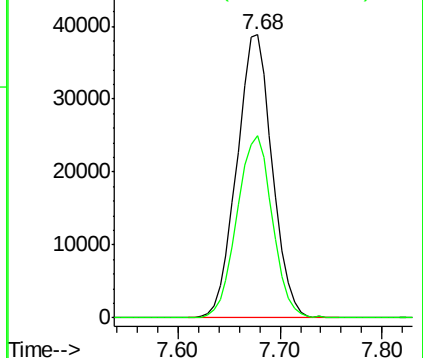


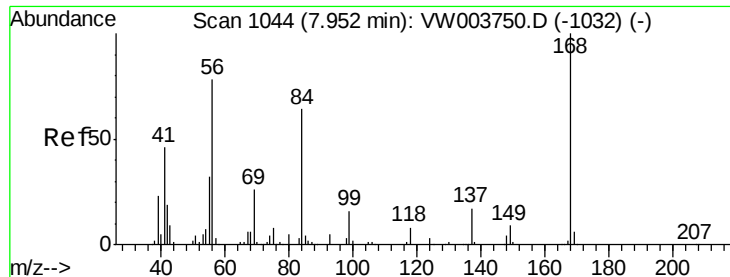
#30
Chloroform
Concen: 21.946 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3



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

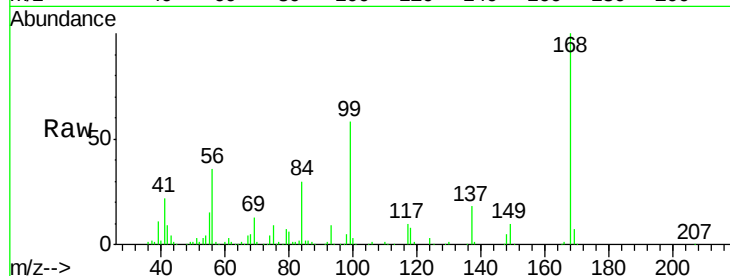




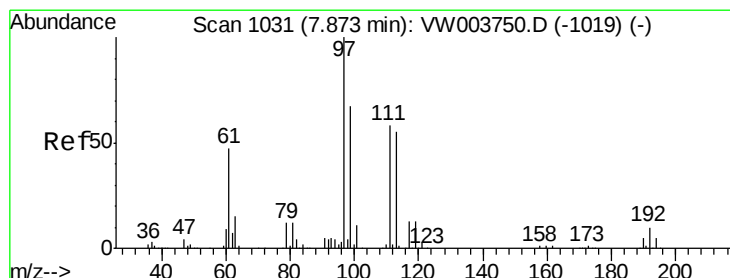
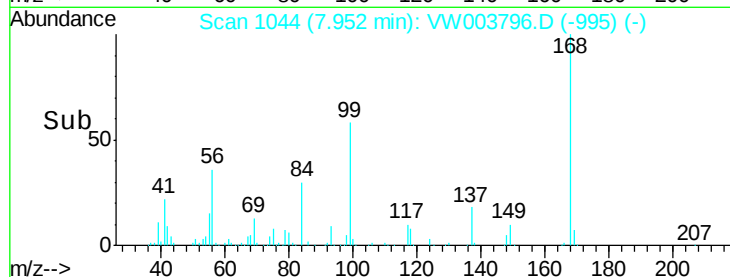
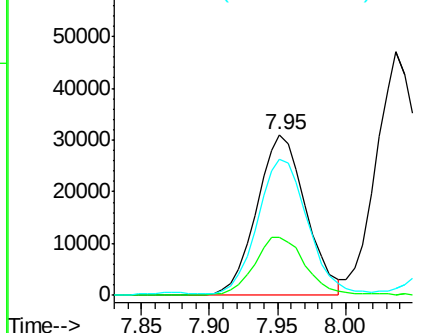
#31
Cyclohexane
Concen: 21.285 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion: 56 Resp: 78218
Ion Ratio Lower Upper
56 100
69 36.0 26.2 39.4
84 83.4 65.5 98.3

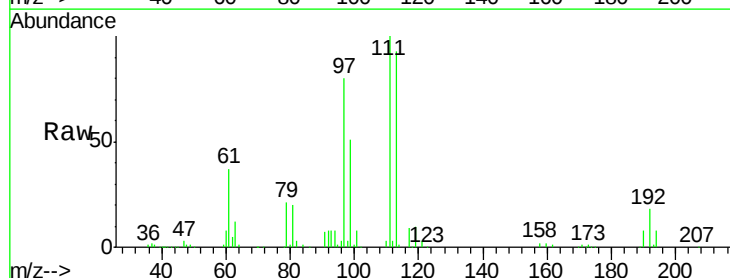


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

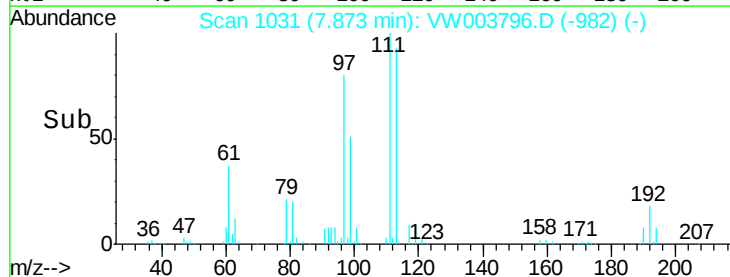
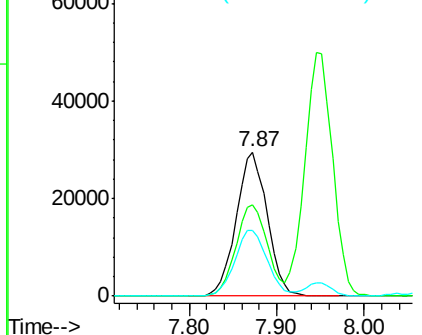


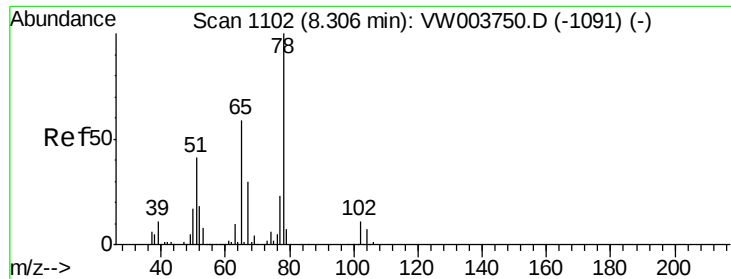
#32
1,1,1-Trichloroethane
Concen: 22.352 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 97 Resp: 72571
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 47.6 37.6 56.4



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

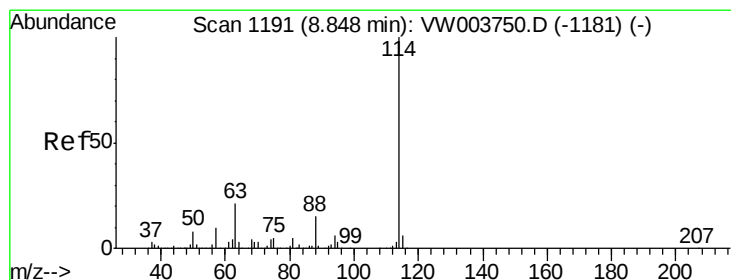
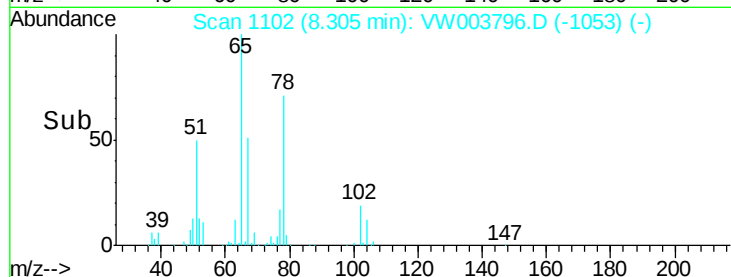
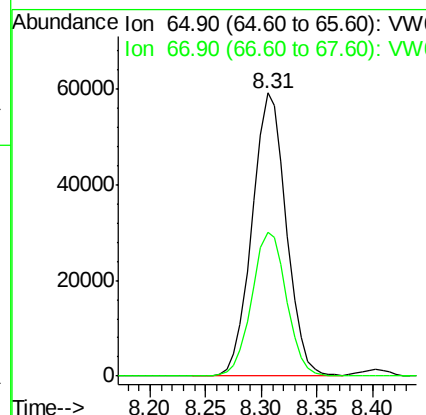
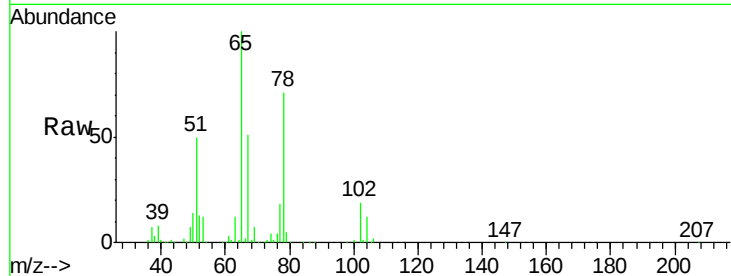




#33
 1,2-Dichloroethane-d4
 Concen: 50.274 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

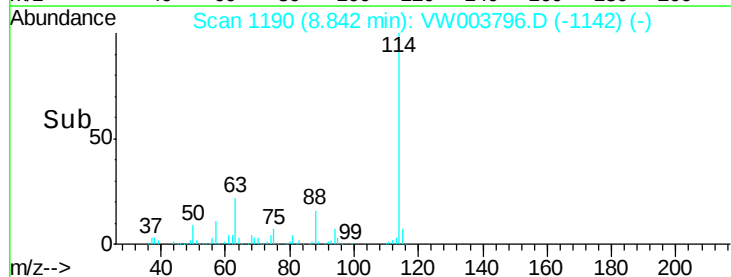
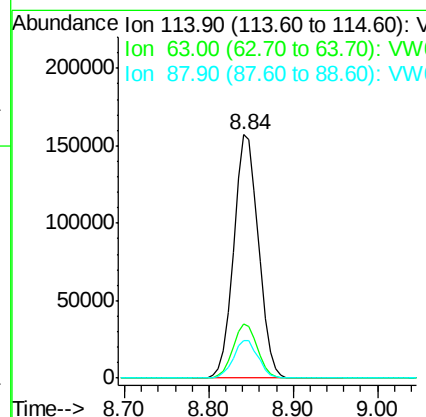
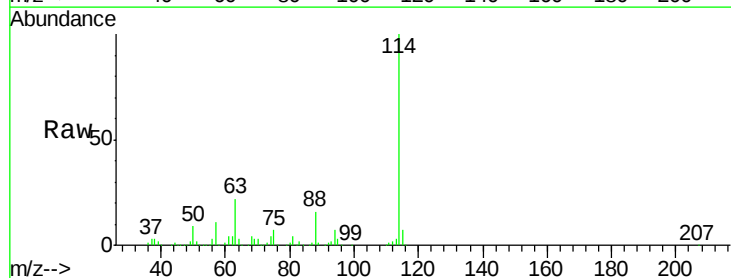
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD02

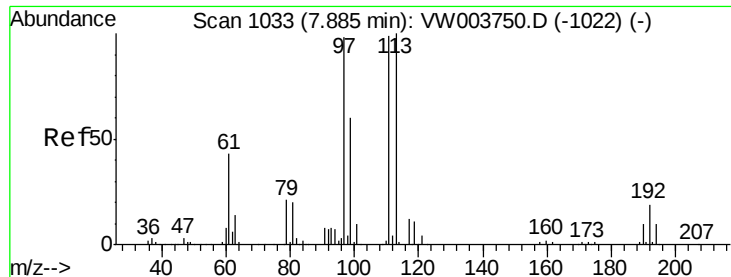
Tot Ion: 65 Resp: 126605
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion: 114 Resp: 310882
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.8
 88 15.6 0.0 30.2

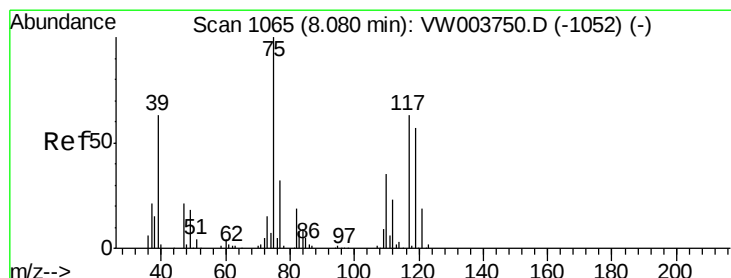
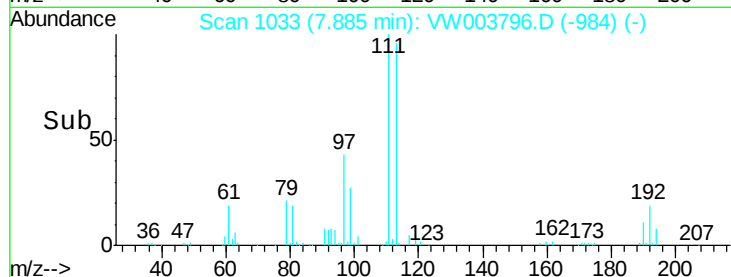
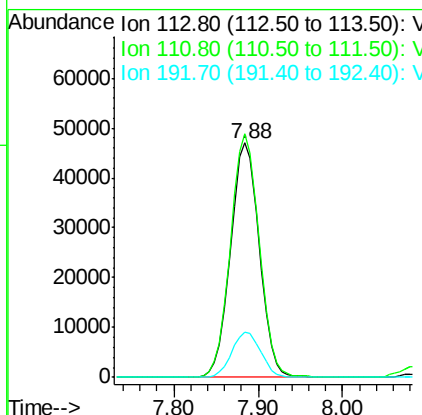
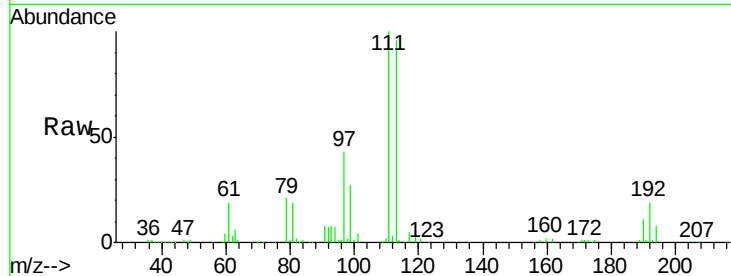




#35
 Dibromofluoromethane
 Concen: 49.954 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

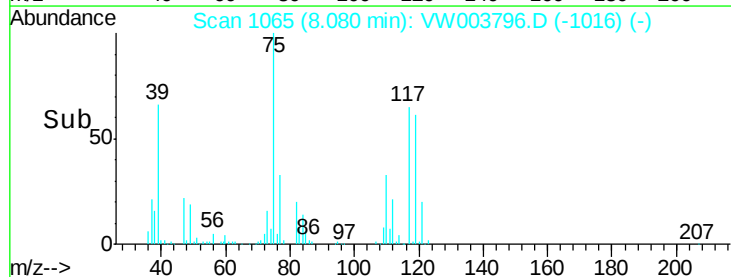
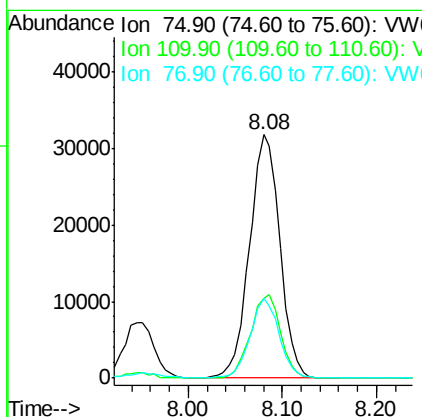
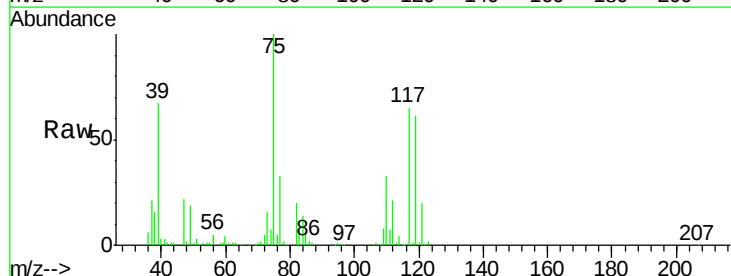
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD02

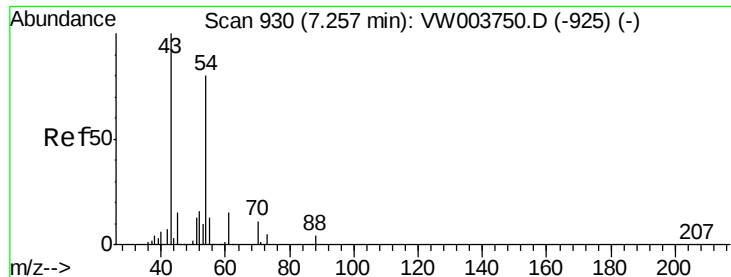
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.7	122.5
192	19.5	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 21.723 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	31.7	24.8	37.2

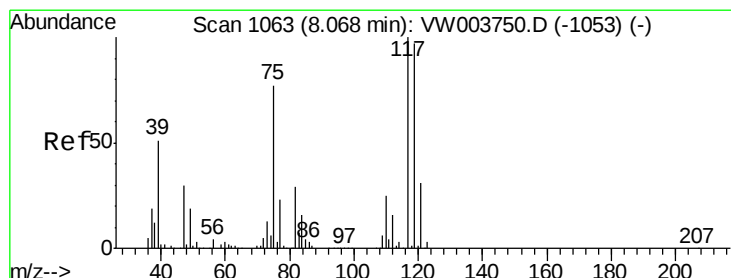
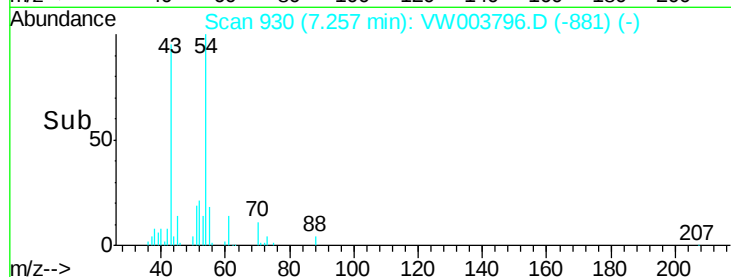
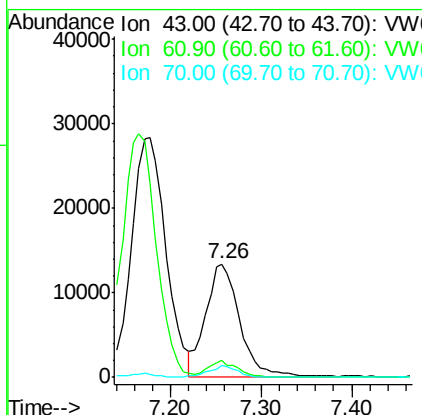
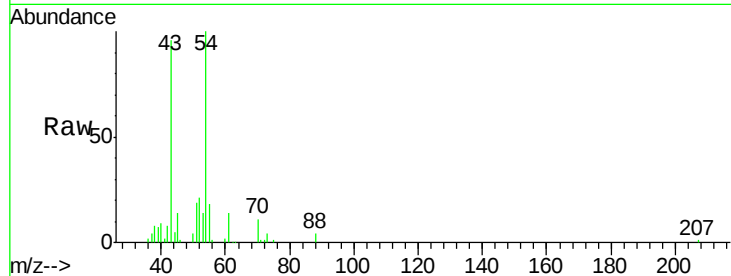




#37
Ethyl Acetate
Concen: 22.213 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

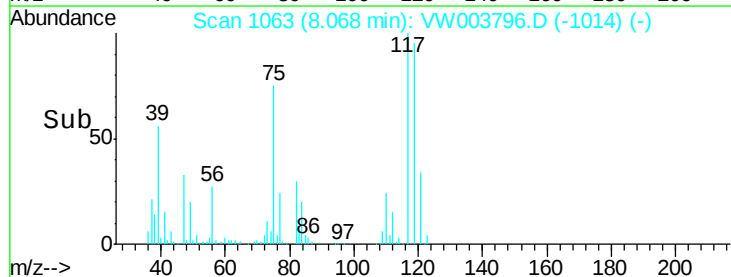
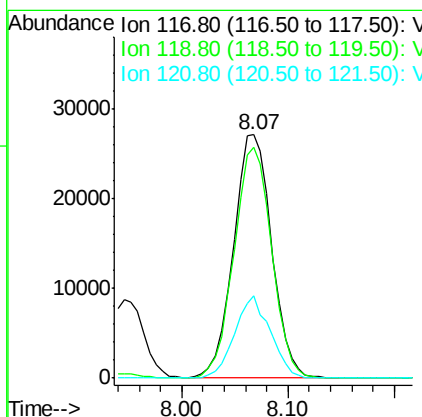
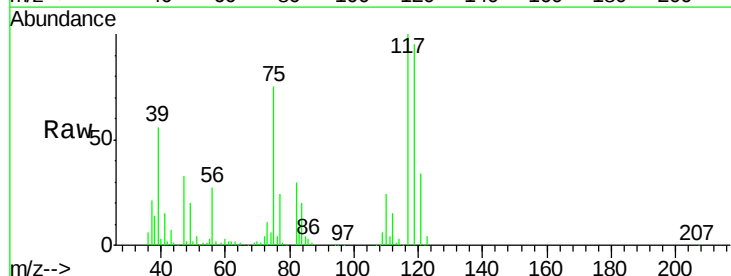
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

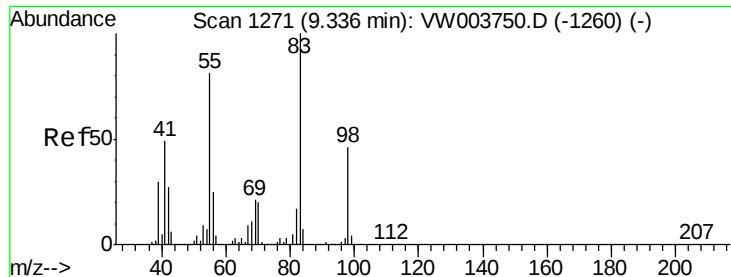
Tot Ion: 43 Resp: 35652
Ion Ratio Lower Upper
43 100
61 12.4 10.6 15.8
70 8.5 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.805 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 117 Resp: 68385
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
121 33.6 24.6 37.0

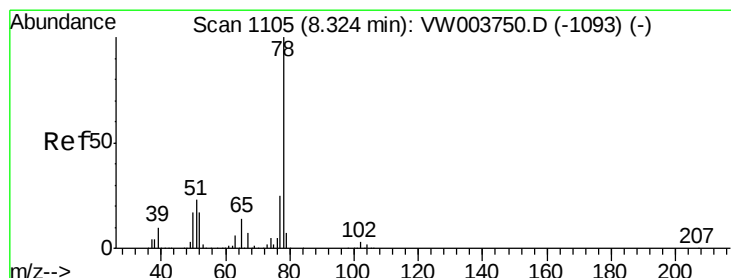
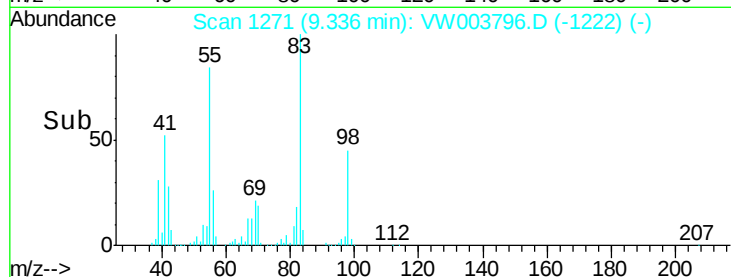
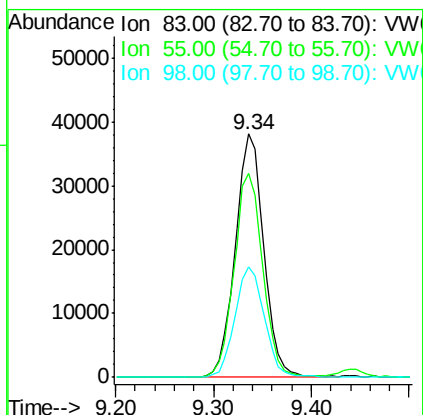
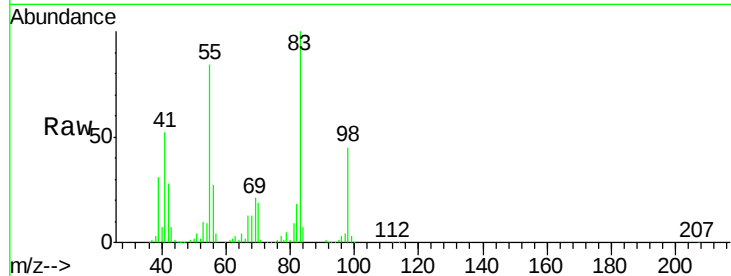




#39
Methvlcvclohexane
Concen: 21.426 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

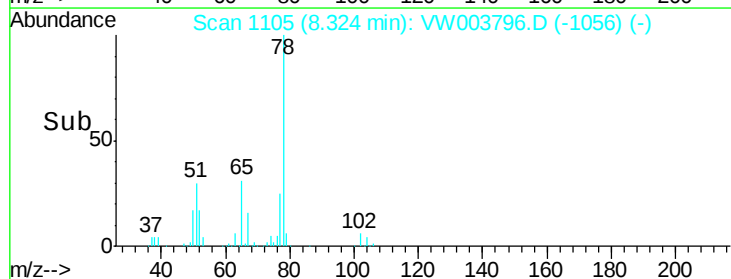
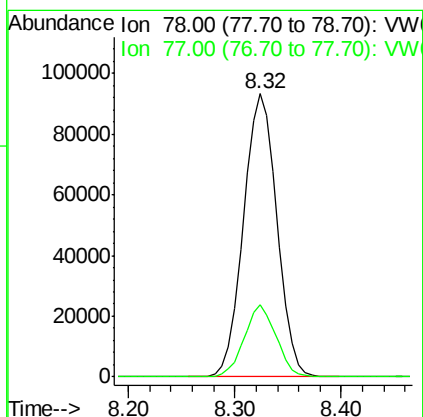
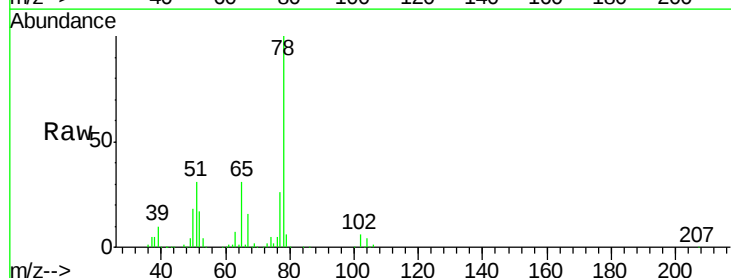
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

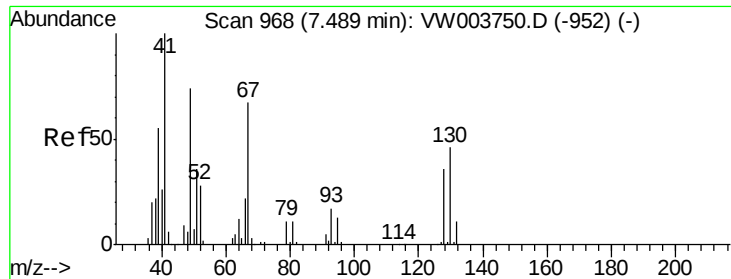
Tot Ion: 83 Resp: 77405
Ion Ratio Lower Upper
83 100
55 84.0 65.1 97.7
98 45.2 36.7 55.1



#40
Benzene
Concen: 21.836 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 78 Resp: 205921
Ion Ratio Lower Upper
78 100
77 25.5 19.7 29.5

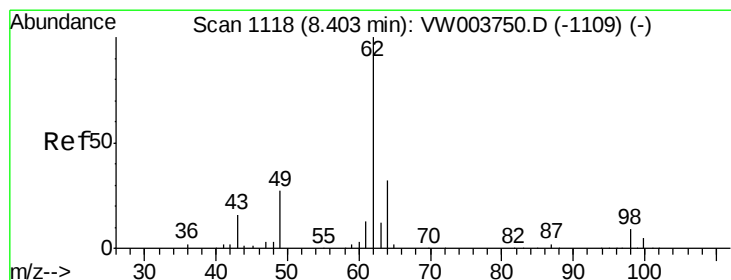
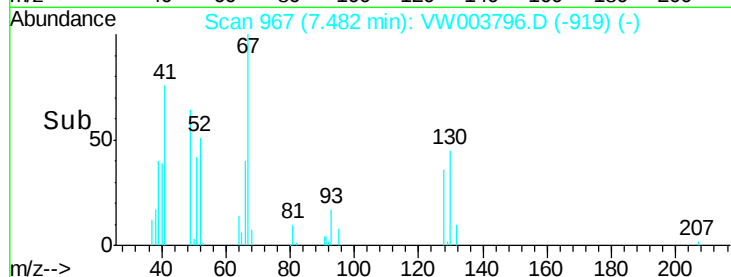
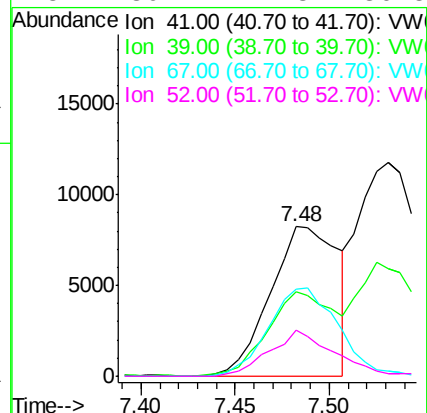
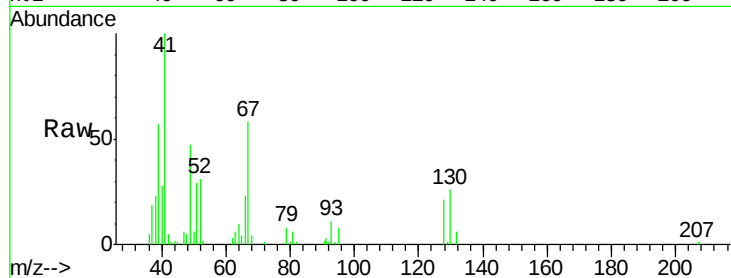




#41
Methacrylonitrile
Concen: 22.351 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

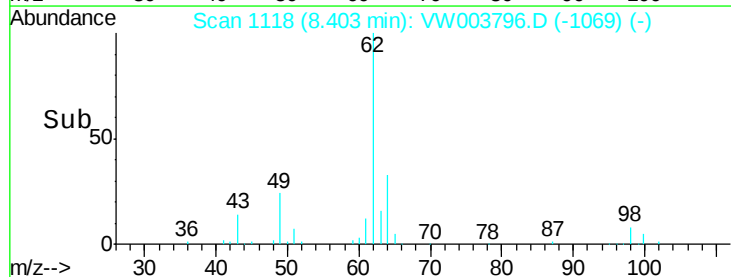
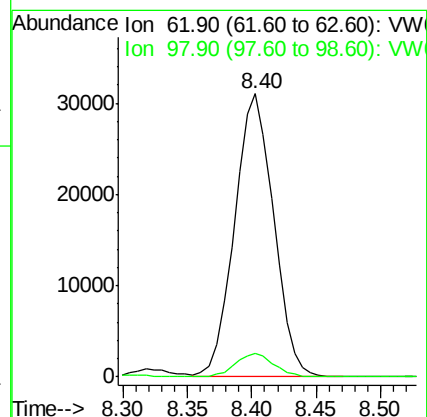
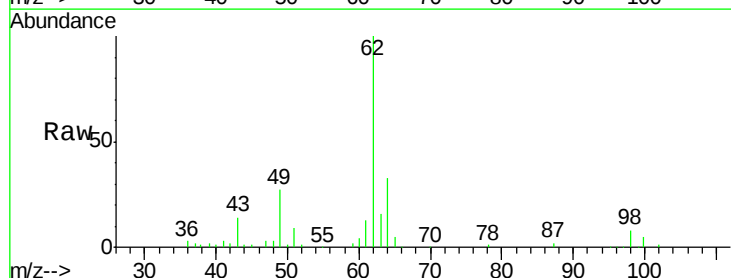
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

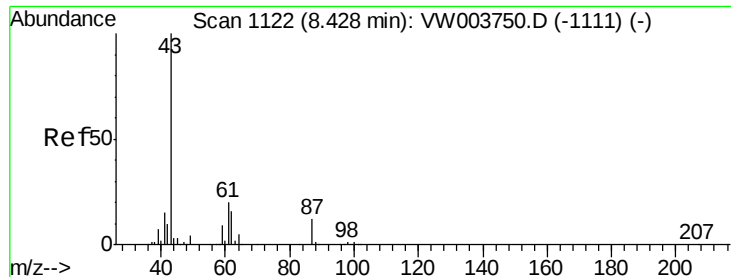
Tot Ion:	41	Resp:	20636
Ion	Ratio	Lower	Upper
41	100		
39	55.8	49.5	74.3
67	60.5	53.8	80.8
52	30.1	24.3	36.5



#42
1,2-Dichloroethane
Concen: 21.448 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion:	62	Resp:	65461
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 21.088 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

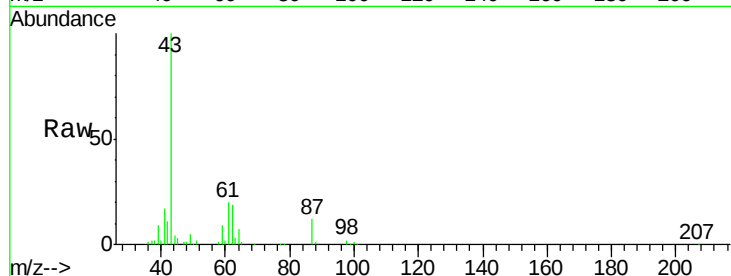
Tot Ion: 43 Resp: 64147

Ion Ratio Lower Upper

43 100

61 29.2 22.8 34.2

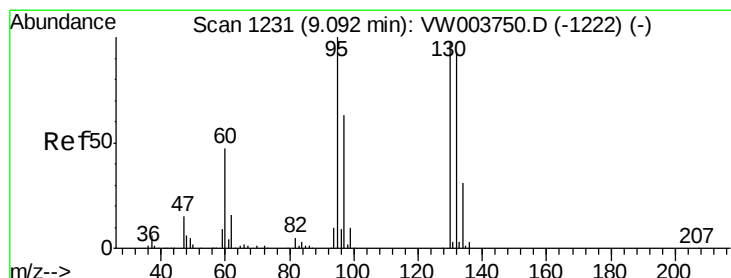
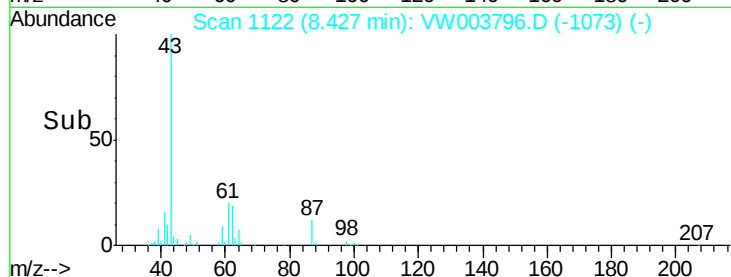
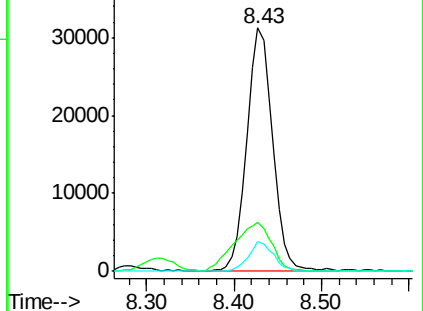
87 11.6 9.5 14.3



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: 21.594 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003796.D

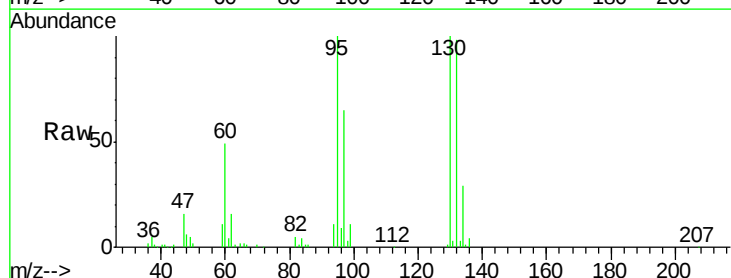
Acq: 10 Jul 2018 01:05

Tgt Ion: 130 Resp: 51339

Ion Ratio Lower Upper

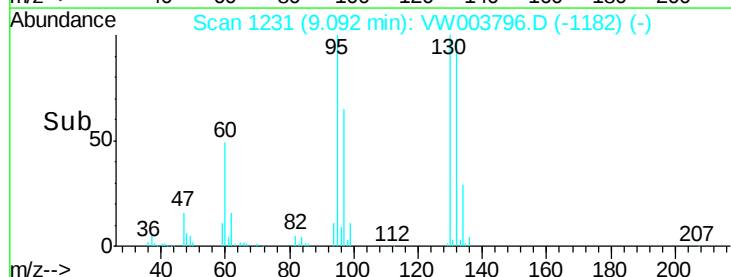
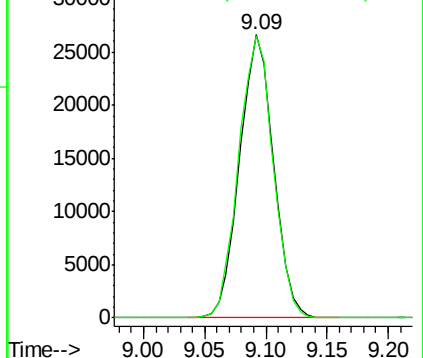
130 100

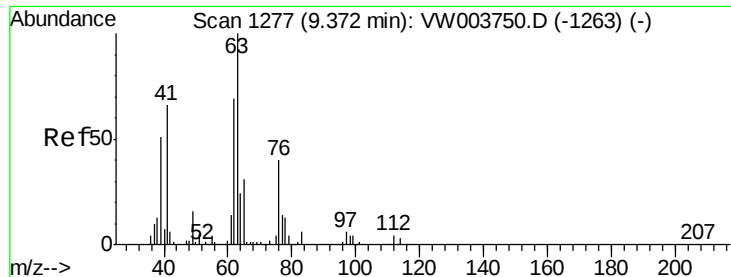
95 99.8 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 22.109 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

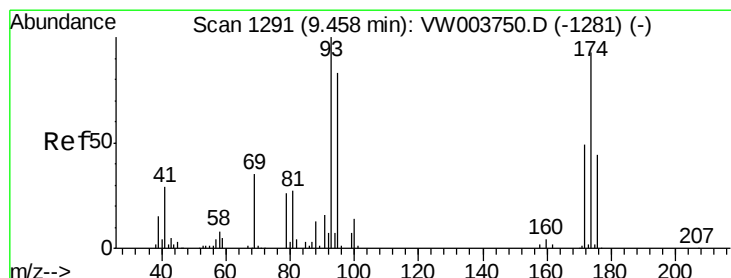
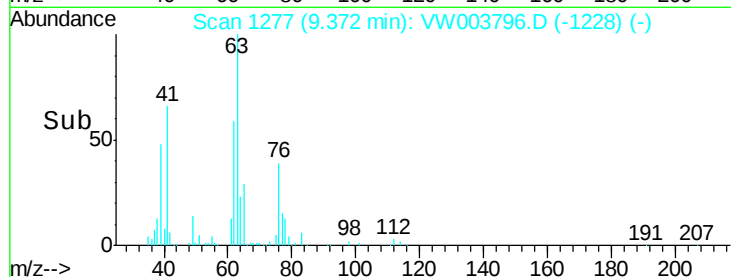
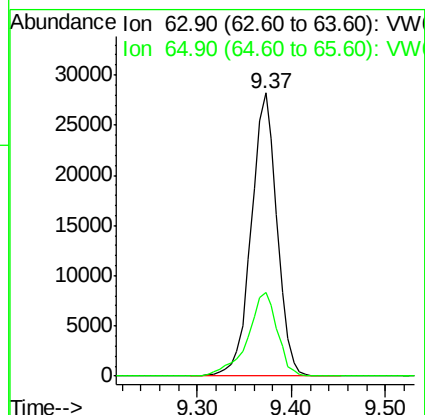
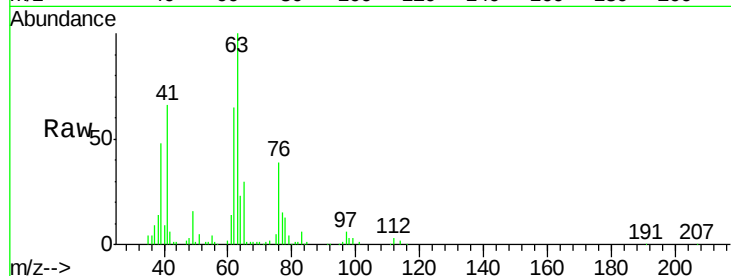
VW0709SBSD02

Tot Ion: 63 Resp: 54211

Ion Ratio Lower Upper

63 100

65 29.6 24.9 37.3



#46

Dibromomethane

Concen: 21.540 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

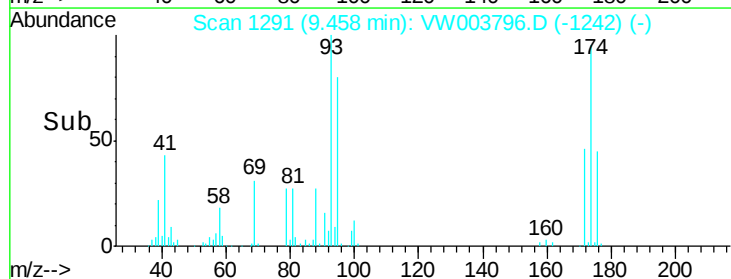
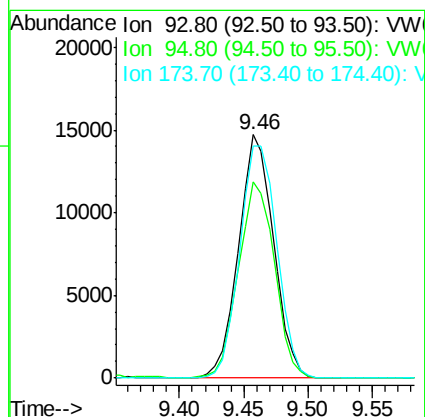
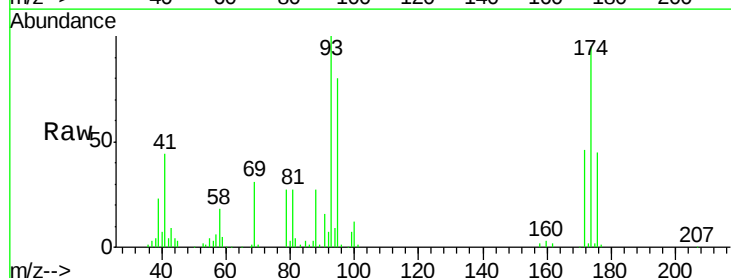
Tgt Ion: 93 Resp: 27771

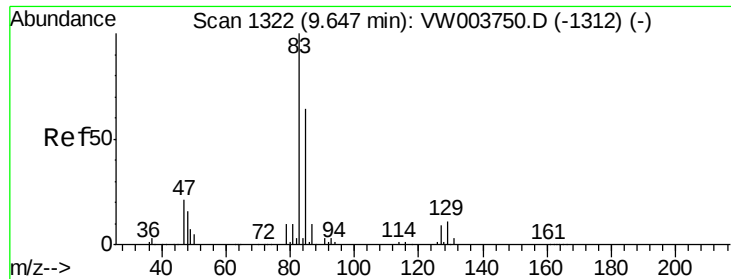
Ion Ratio Lower Upper

93 100

95 82.9 67.2 100.8

174 101.3 78.1 117.1





#47

Bromodichloromethane

Concen: 21.421 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

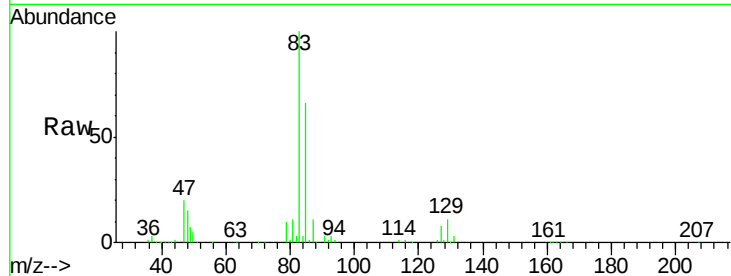
Tot Ion: 83 Resp: 67942

Ion Ratio Lower Upper

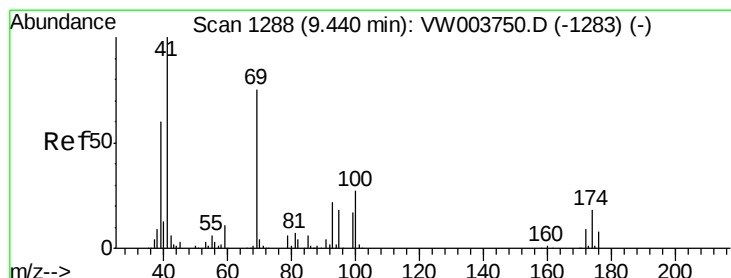
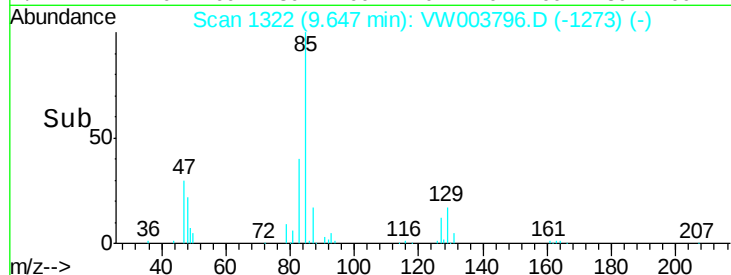
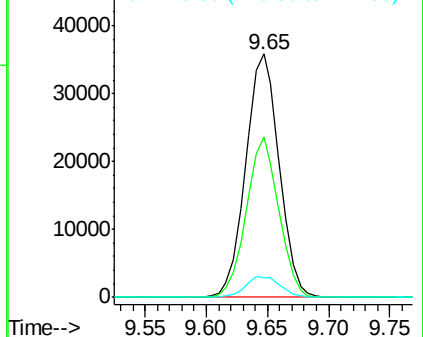
83 100

85 65.7 51.4 77.0

127 8.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.882 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

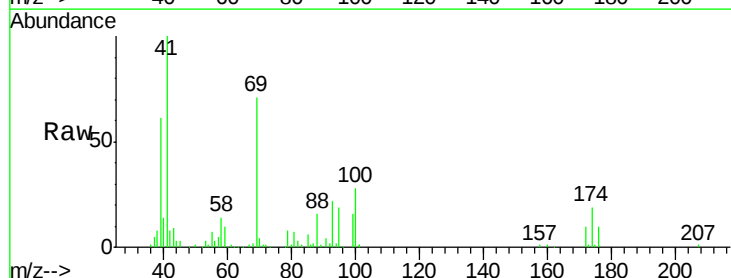
Tgt Ion: 41 Resp: 30252

Ion Ratio Lower Upper

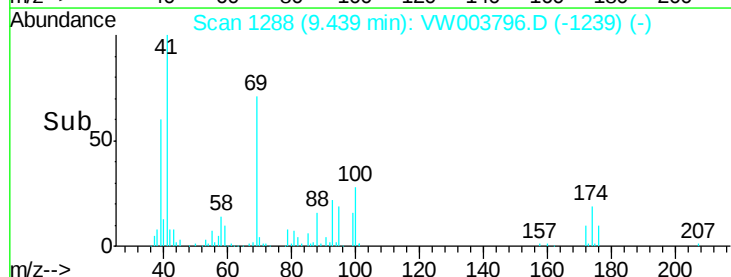
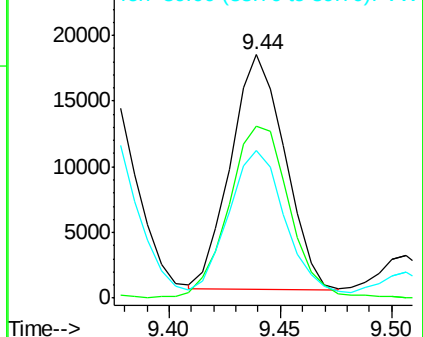
41 100

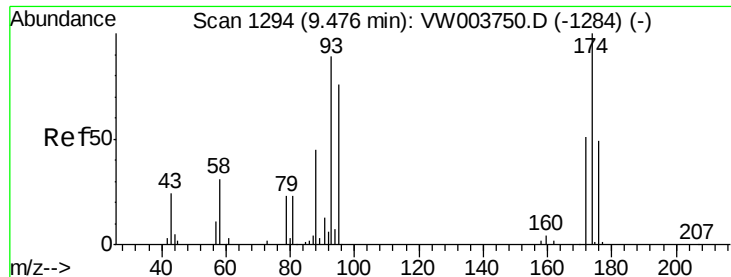
69 82.8 63.8 95.8

39 67.2 50.2 75.2



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

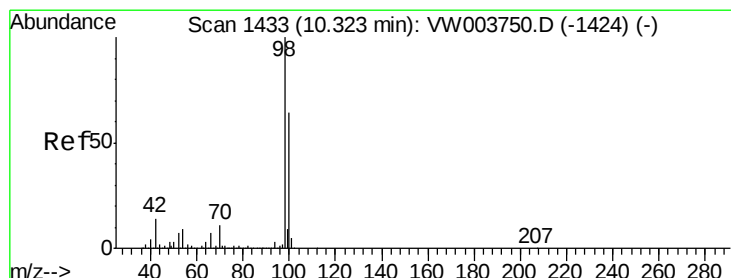
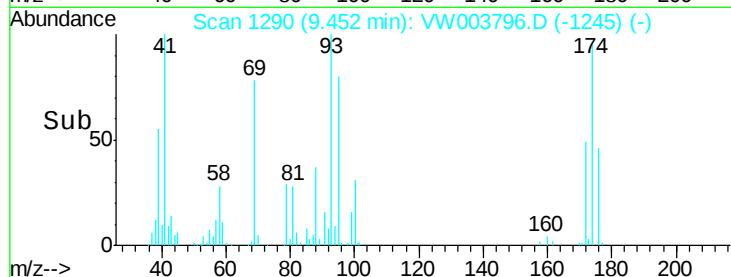
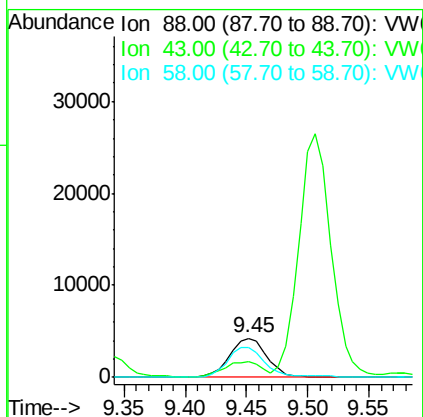
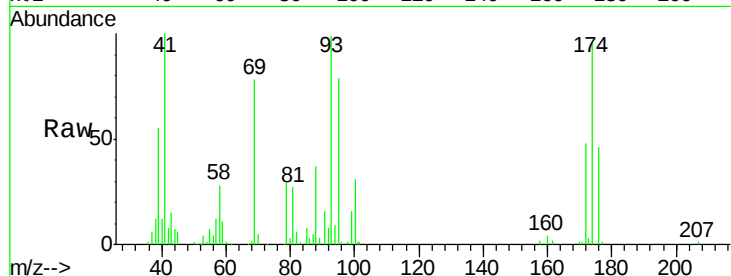




#49
1,4-Dioxane
Concen: 469.659 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

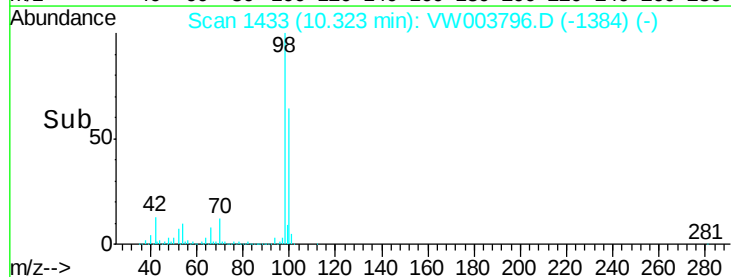
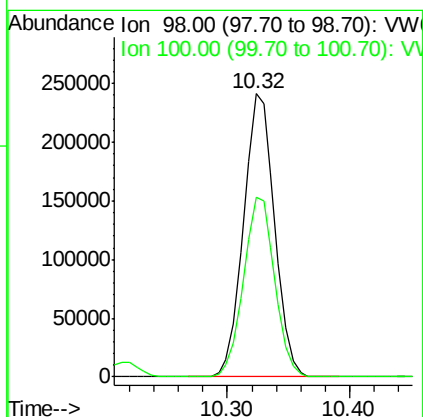
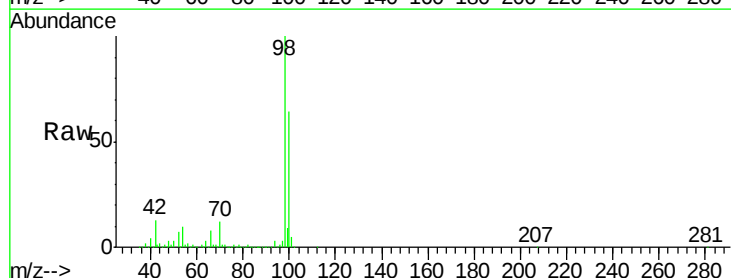
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

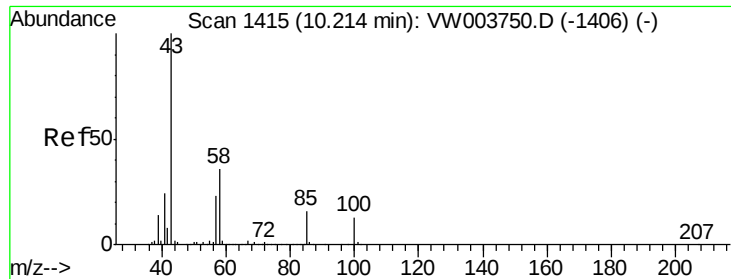
Tot Ion: 88 Resp: 9050
Ion Ratio Lower Upper
88 100
43 38.7 0.0 0.0#
58 78.5 59.7 89.5



#50
Toluene-d8
Concen: 50.998 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 98 Resp: 424459
Ion Ratio Lower Upper
98 100
100 63.9 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 109.543 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleID :

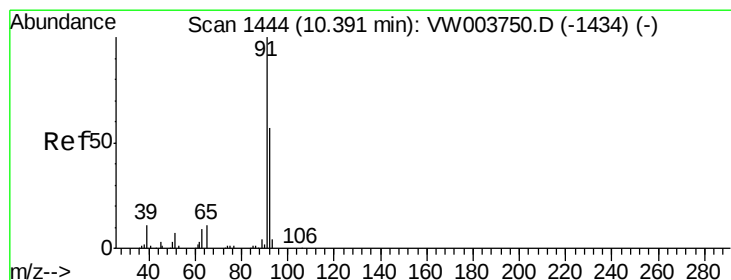
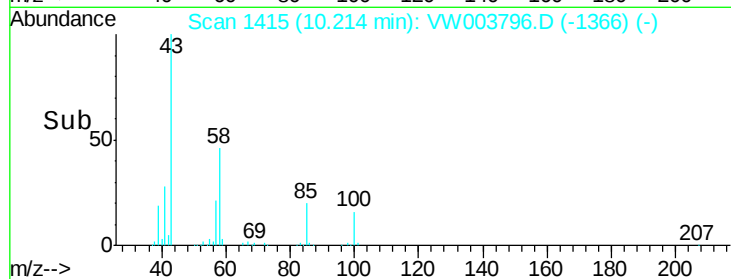
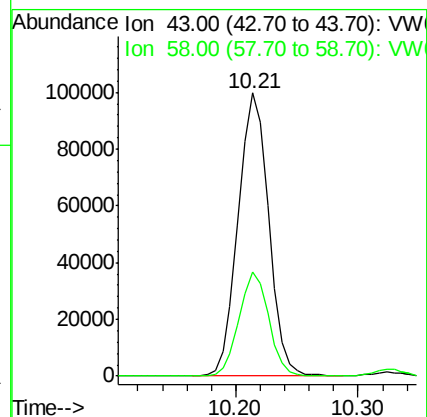
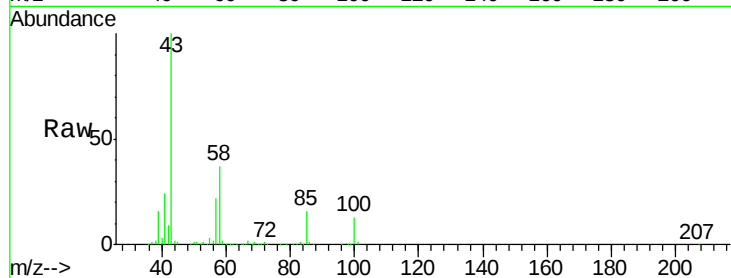
VW0709SBSD02

Tot Ion: 43 Resp: 172434

Ion Ratio Lower Upper

43 100

58 35.7 29.3 43.9



#52

Toluene

Concen: 22.074 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003796.D

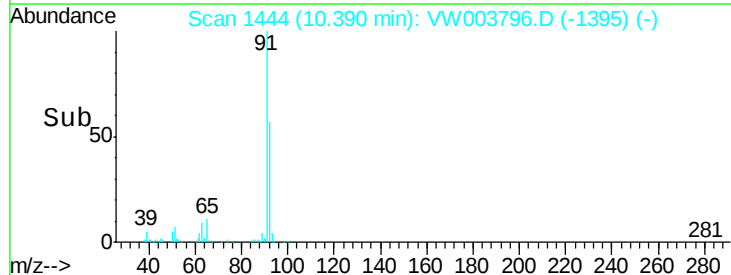
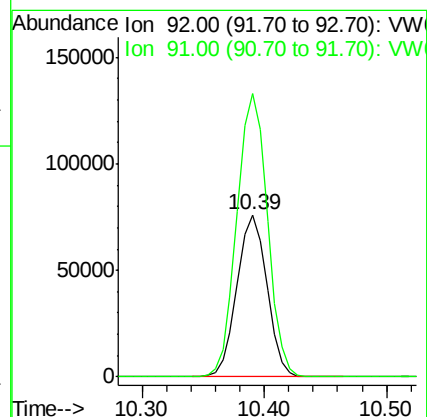
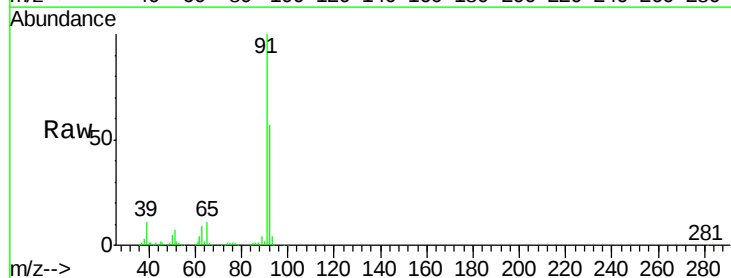
Acq: 10 Jul 2018 01:05

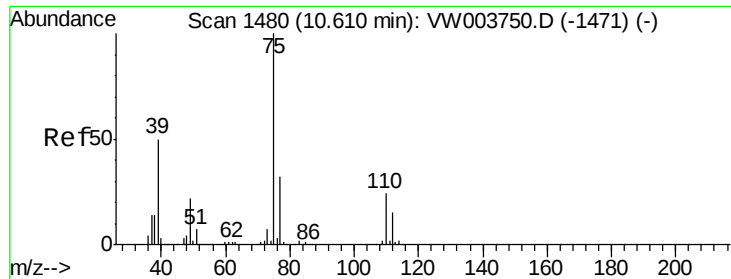
Tgt Ion: 92 Resp: 129081

Ion Ratio Lower Upper

92 100

91 177.6 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 20.425 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

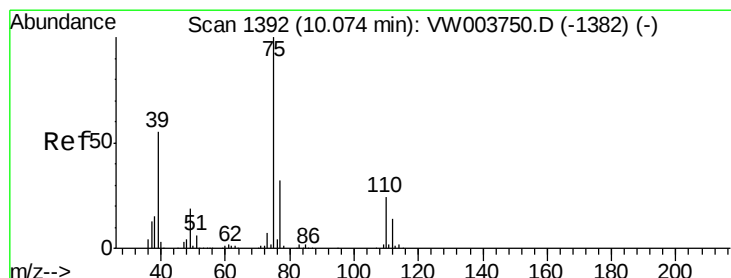
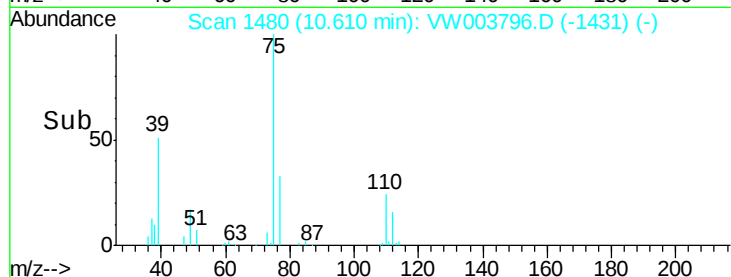
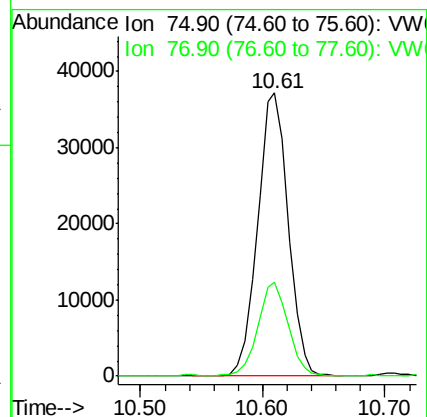
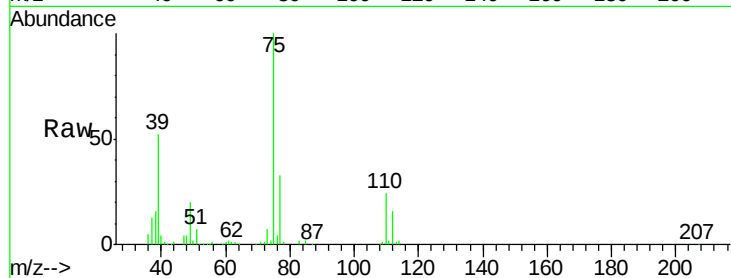
VW0709SBSD02

Tot Ion: 75 Resp: 64685

Ion Ratio Lower Upper

75 100

77 33.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.973 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

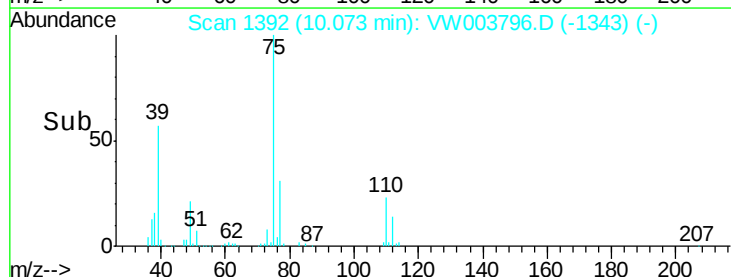
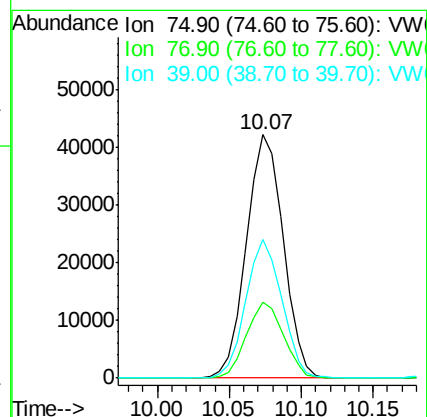
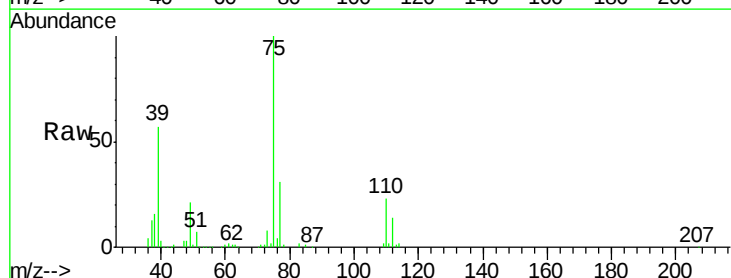
Tgt Ion: 75 Resp: 74978

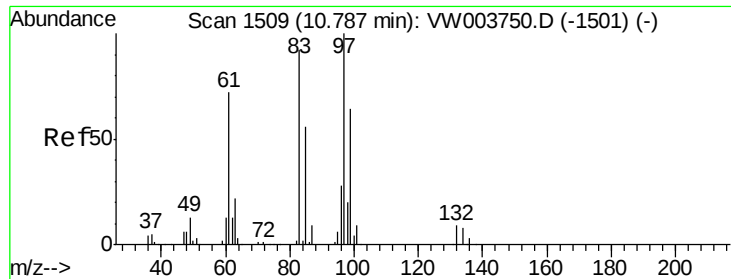
Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 56.6 43.6 65.4

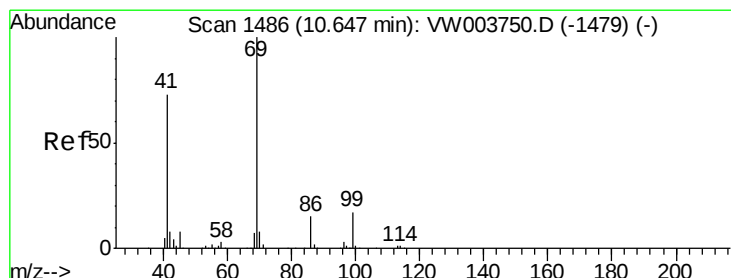
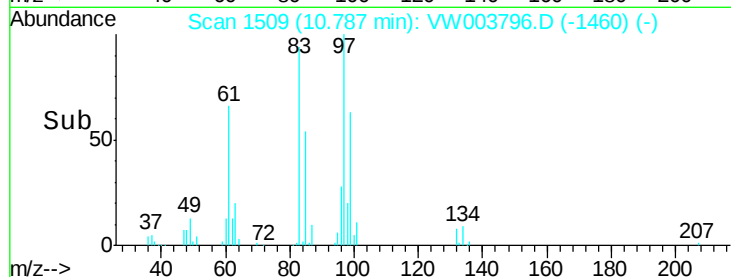
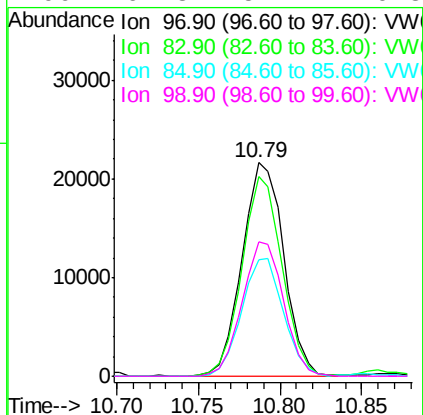
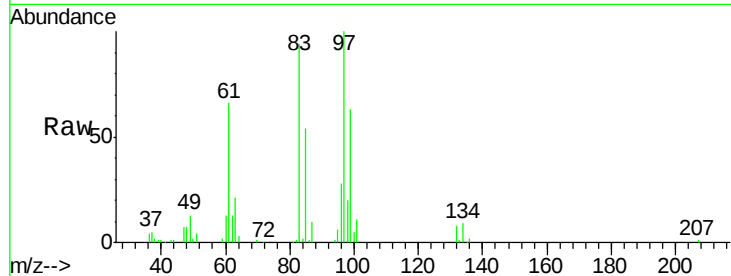




#55
 1,1,2-Trichloroethane
 Concen: 21.486 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

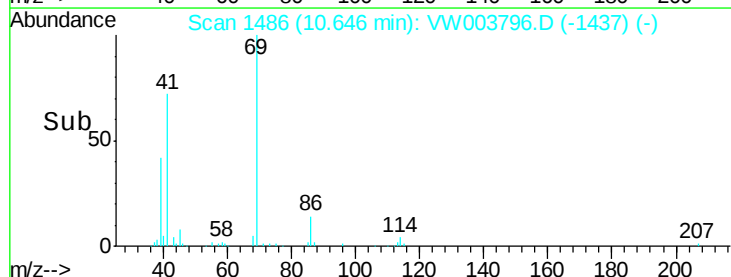
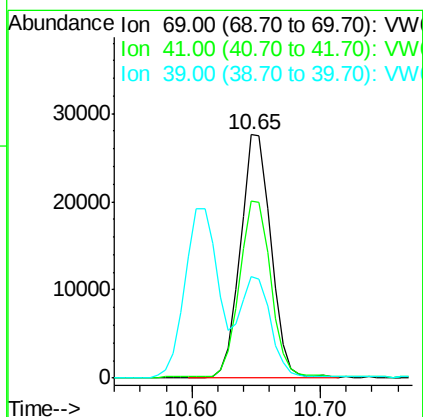
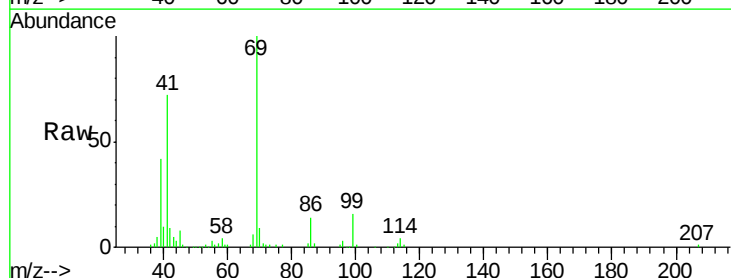
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD02

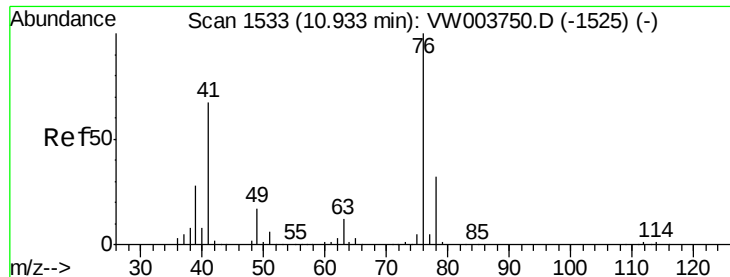
Tot Ion: 97 Resp: 38474
 Ion Ratio Lower Upper
 97 100
 83 93.7 73.8 110.6
 85 54.4 45.0 67.4
 99 62.8 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 20.712 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion: 69 Resp: 45260
 Ion Ratio Lower Upper
 69 100
 41 75.4 59.0 88.4
 39 41.7 32.8 49.2

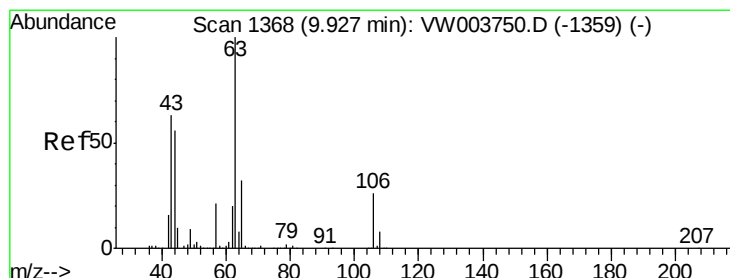
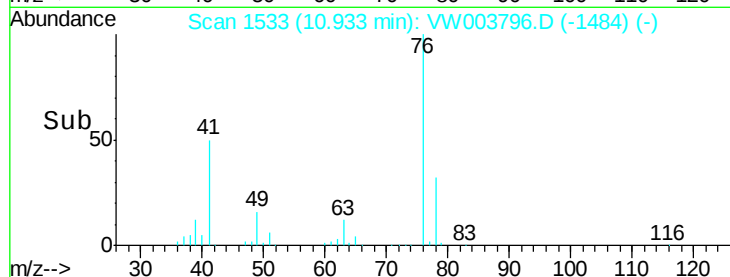
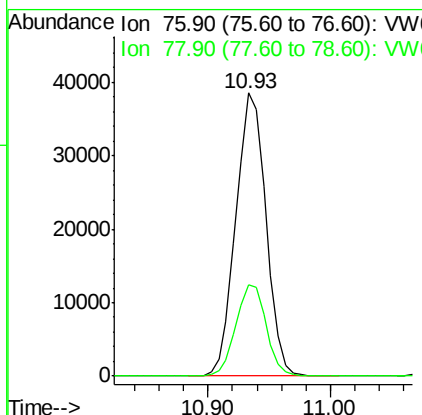
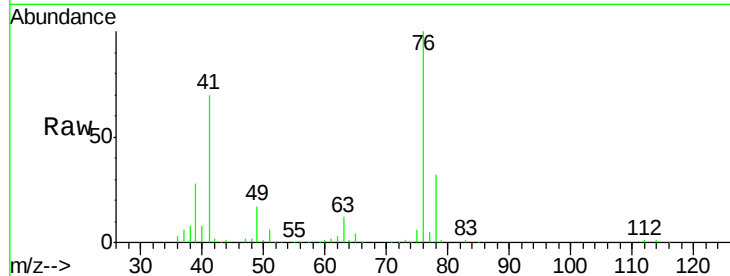




#57
 1,3-Dichloropropane
 Concen: 21.064 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

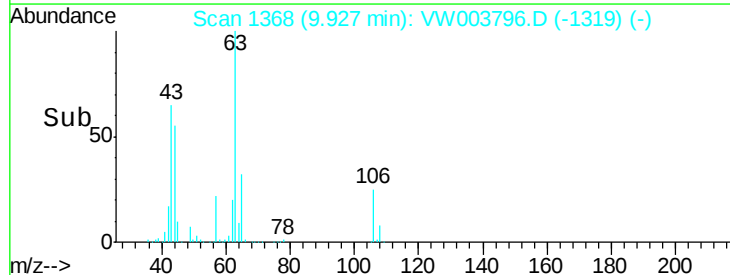
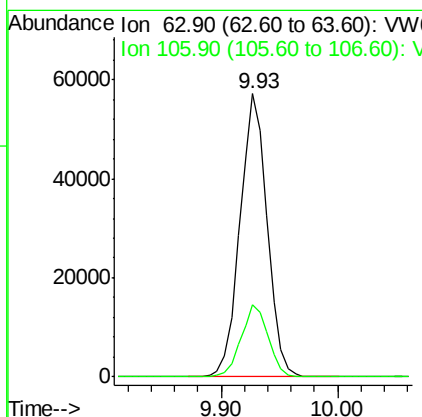
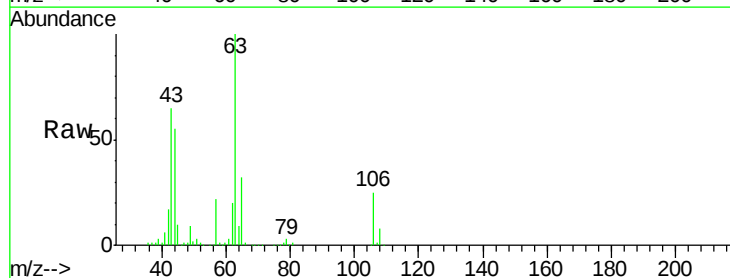
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD02

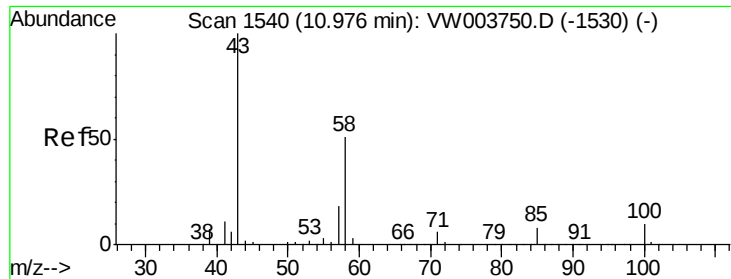
Tot Ion: 76 Resp: 65741
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.523 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion: 63 Resp: 92734
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.9 31.3





#59

2-Hexanone

Concen: 109.624 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

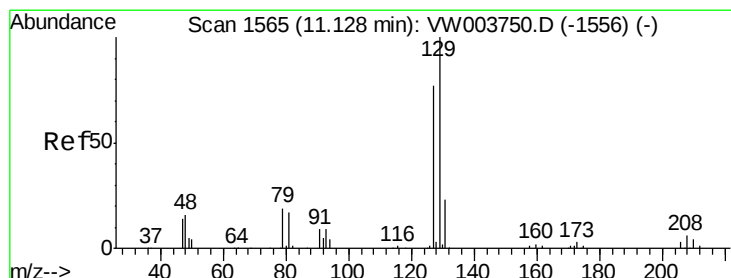
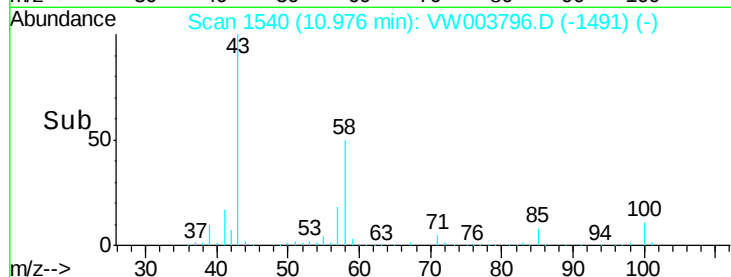
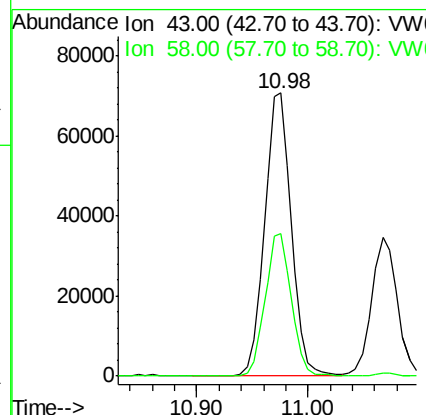
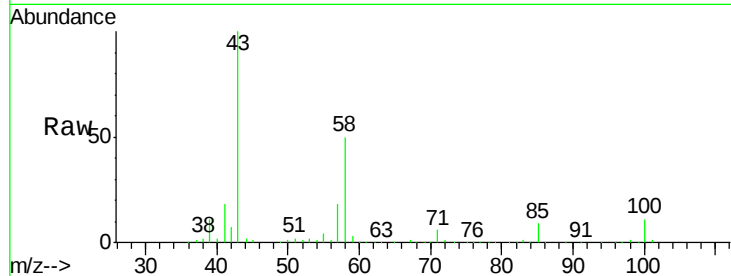
VW0709SBSD02

Tot Ion: 43 Resp: 118495

Ion Ratio Lower Upper

43 100

58 49.3 25.4 76.2



#60

Dibromochloromethane

Concen: 21.502 ug/l

RT: 11.13 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VW003796.D

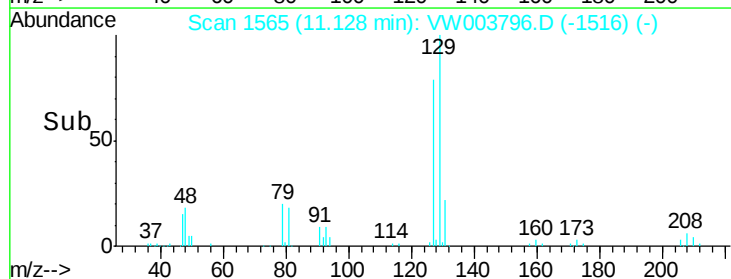
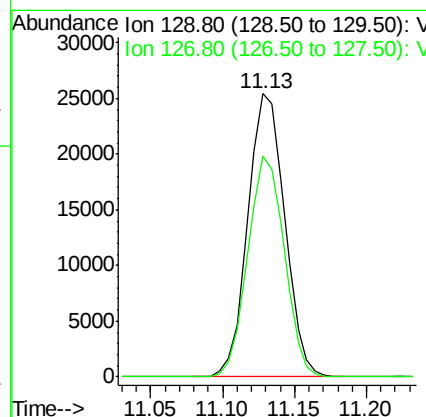
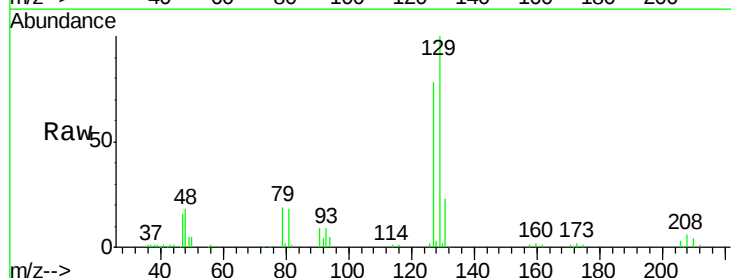
Acq: 10 Jul 2018 01:05

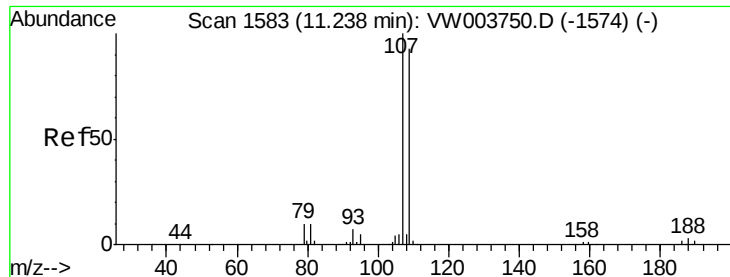
Tgt Ion: 129 Resp: 44946

Ion Ratio Lower Upper

129 100

127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.336 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

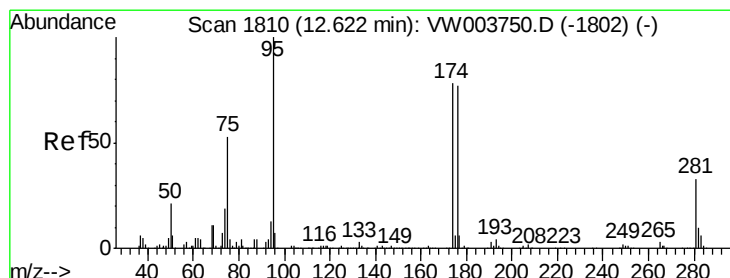
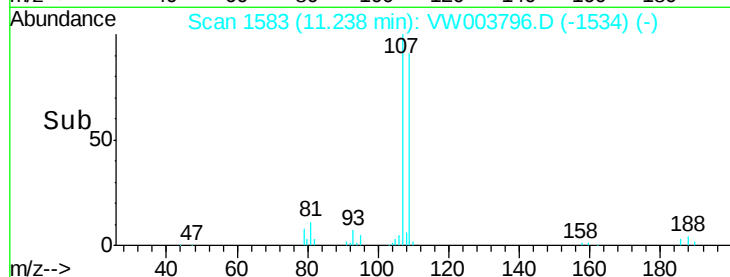
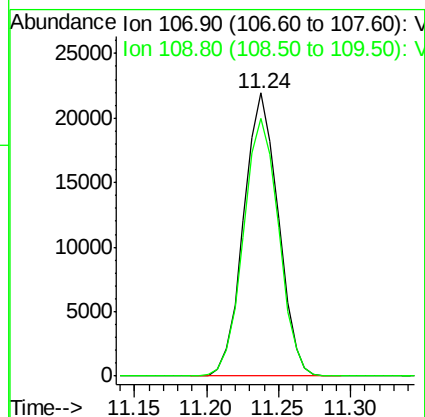
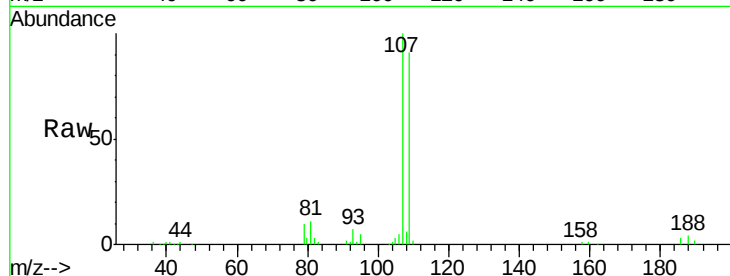
VW0709SBSD02

Tot Ion:107 Resp: 36536

Ion Ratio Lower Upper

107 100

109 92.8 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 50.924 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

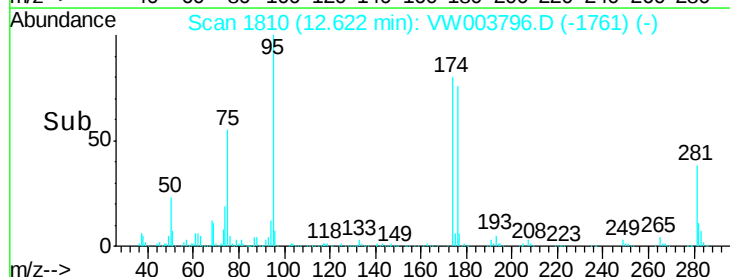
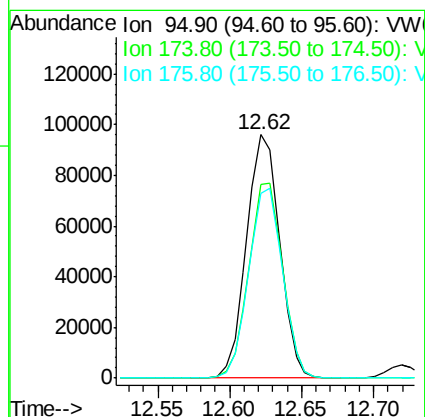
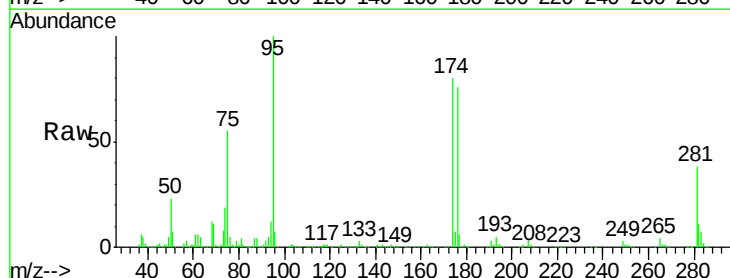
Tgt Ion: 95 Resp: 153353

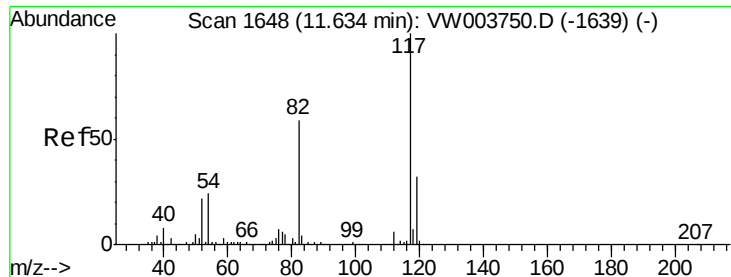
Ion Ratio Lower Upper

95 100

174 81.5 0.0 163.4

176 79.3 0.0 156.8

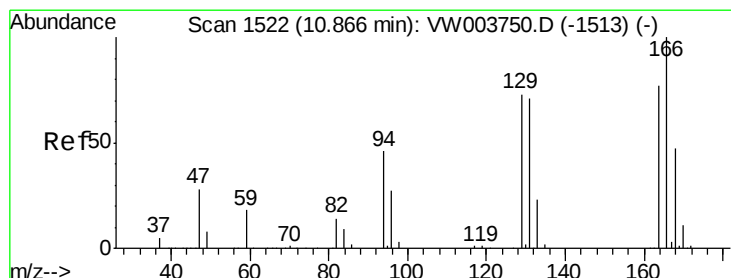
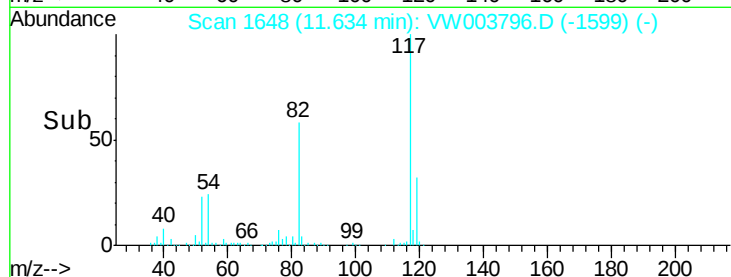
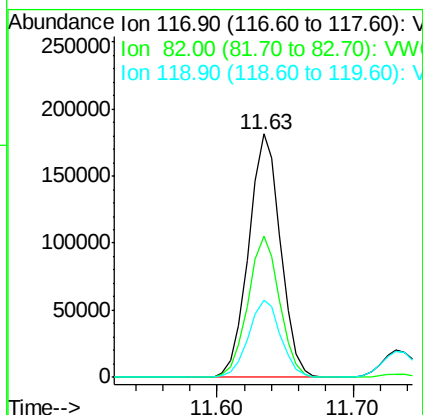
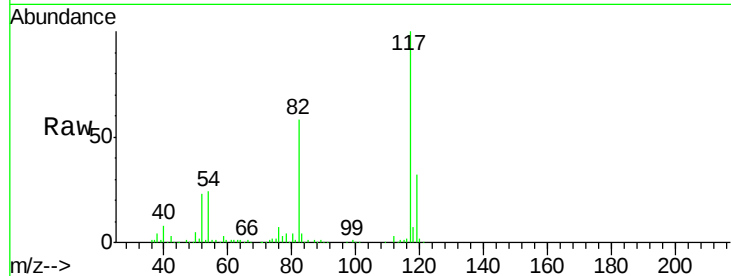




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

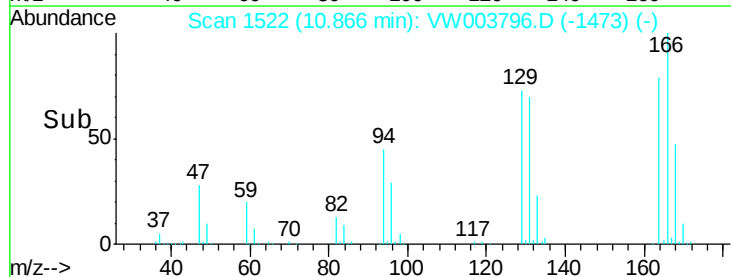
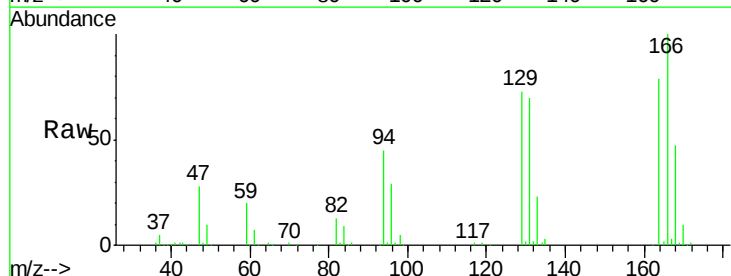
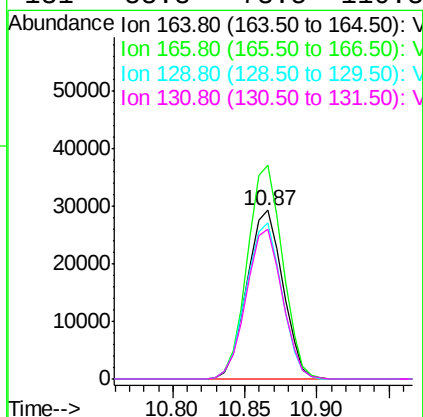
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

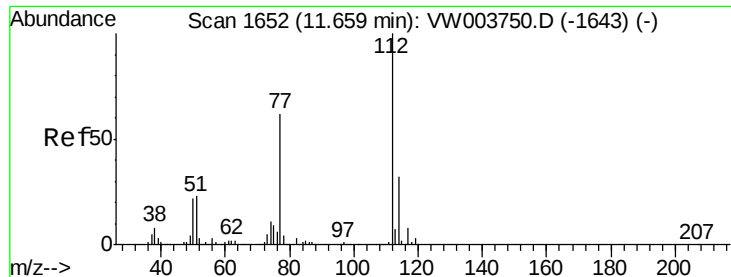
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.9	70.3
119	31.6	25.5	38.3



#64
Tetrachloroethene
Concen: 22.982 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.2	156.4
129	92.4	75.8	113.8
131	88.8	73.5	110.3





#65

Chlorobenzene

Concen: 21.671 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

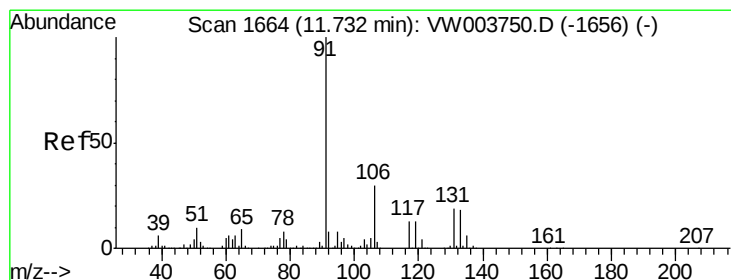
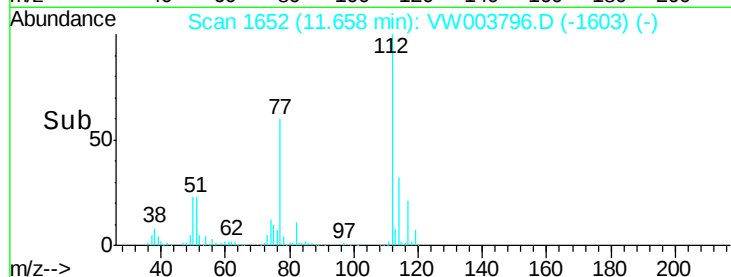
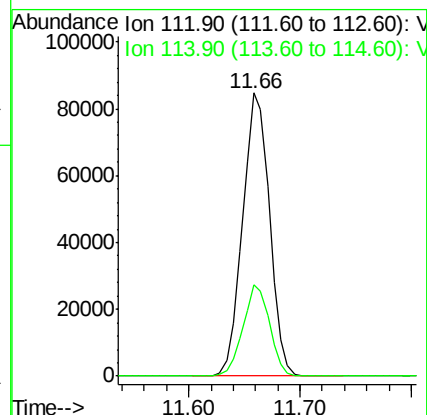
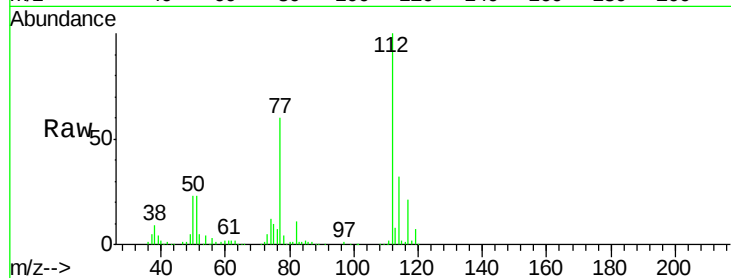
VW0709SBSD02

Tot Ion:112 Resp: 142080

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.673 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

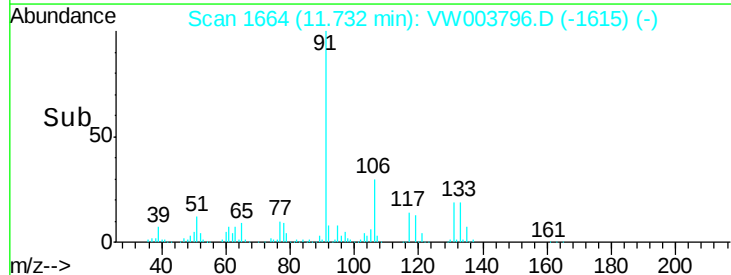
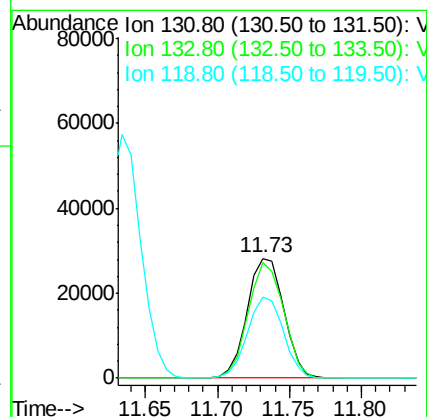
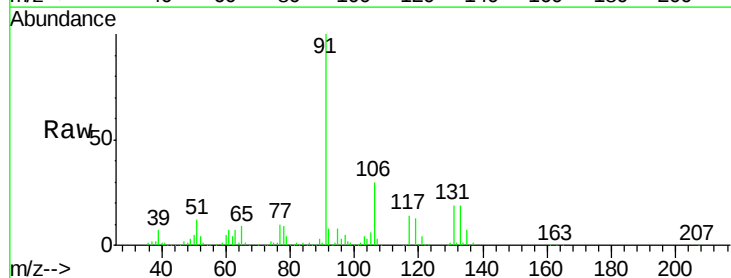
Tgt Ion:131 Resp: 49654

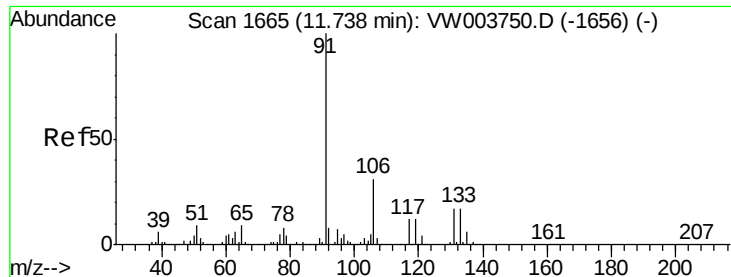
Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.2

119 66.2 33.2 99.6

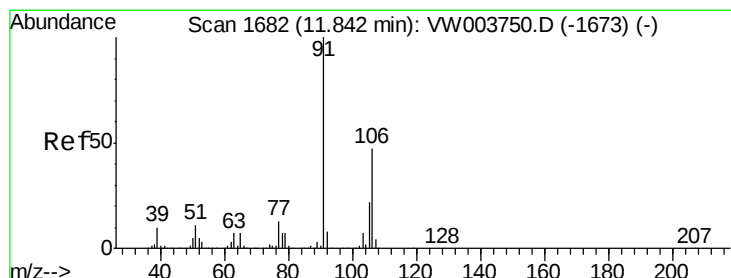
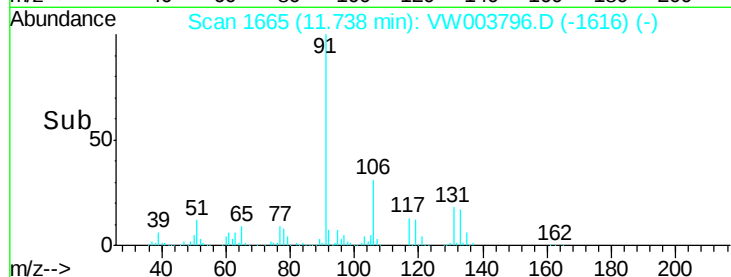
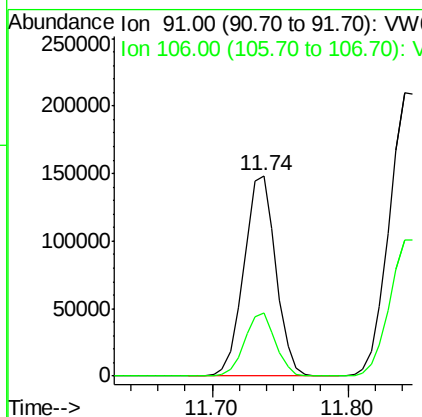
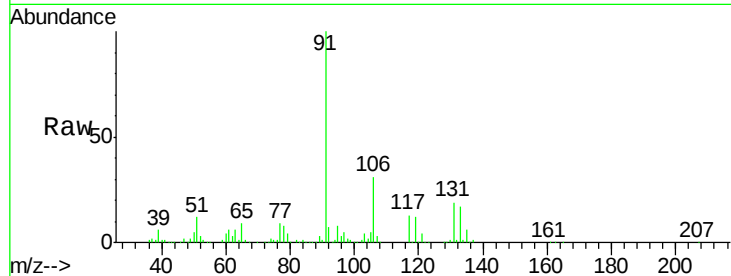




#67
Ethyl Benzene
Concen: 21.668 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

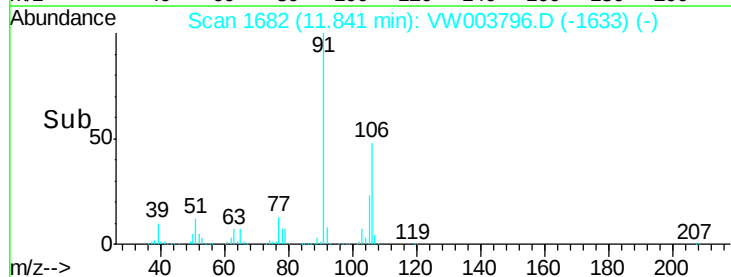
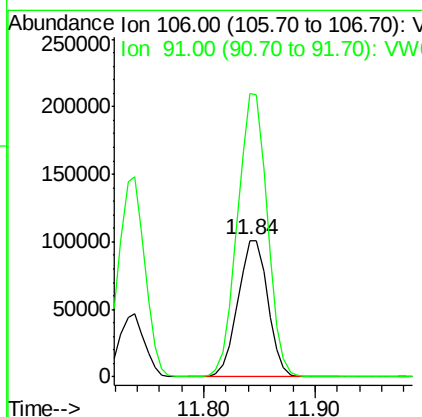
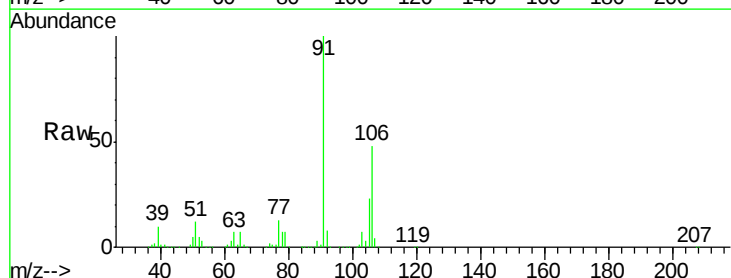
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

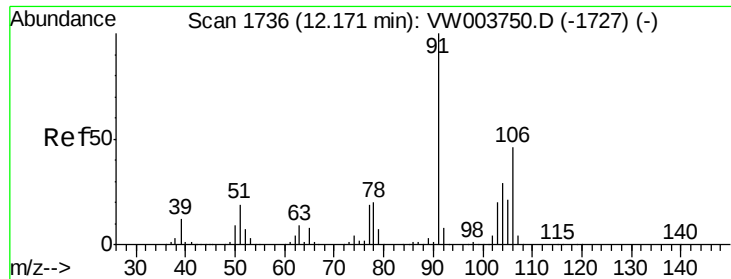
Tot Ion: 91 Resp: 242914
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 44.053 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 106 Resp: 189114
Ion Ratio Lower Upper
106 100
91 206.6 164.3 246.5

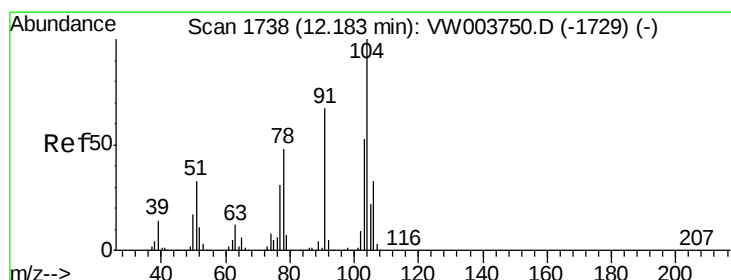
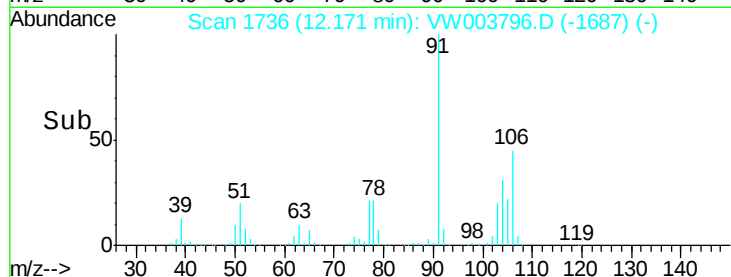
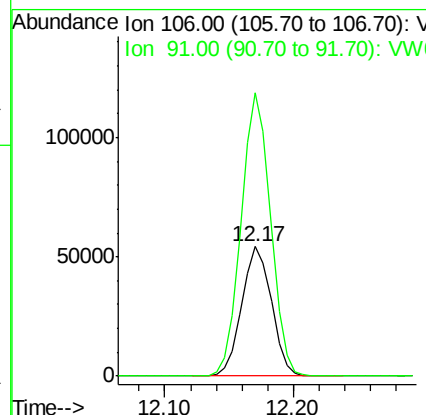
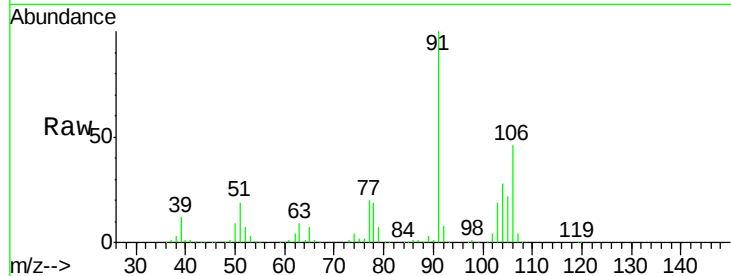




#69
o-Xylene
Concen: 21.791 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

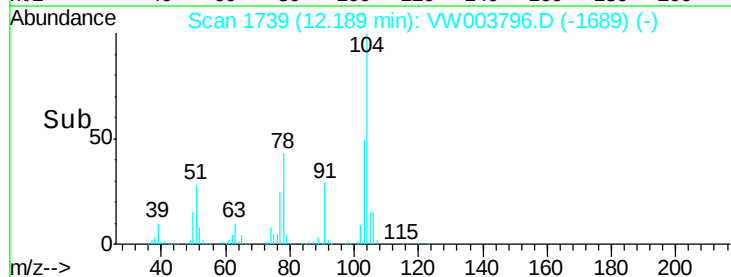
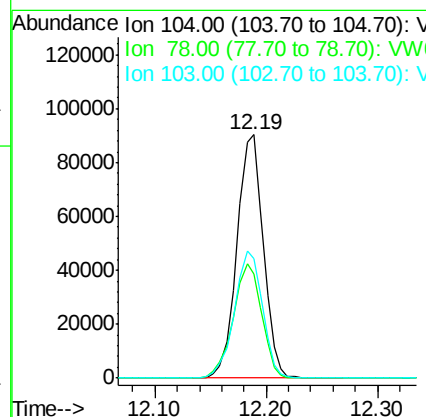
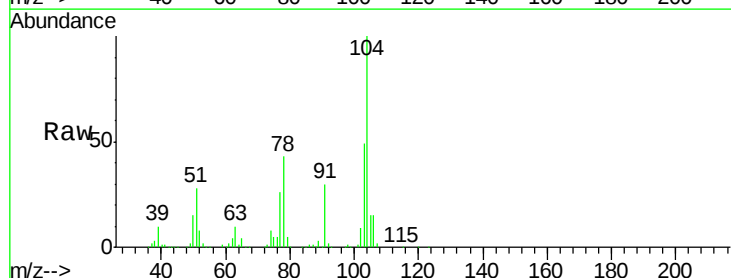
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

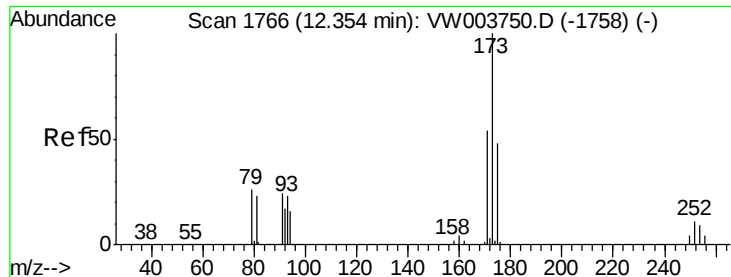
Tot Ion:106 Resp: 86319
Ion Ratio Lower Upper
106 100
91 217.4 109.1 327.2



#70
Styrene
Concen: 22.032 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion:104 Resp: 148408
Ion Ratio Lower Upper
104 100
78 50.7 41.1 61.7
103 55.5 44.6 67.0

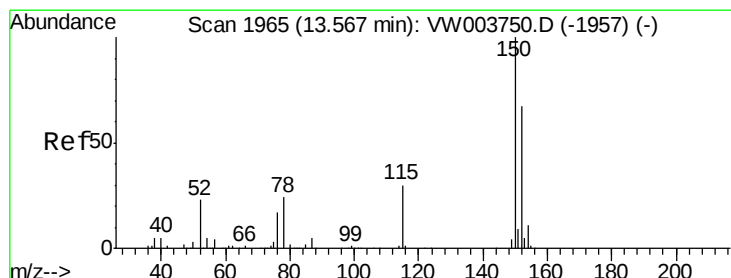
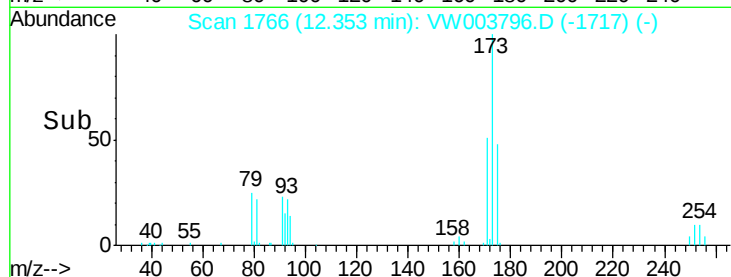
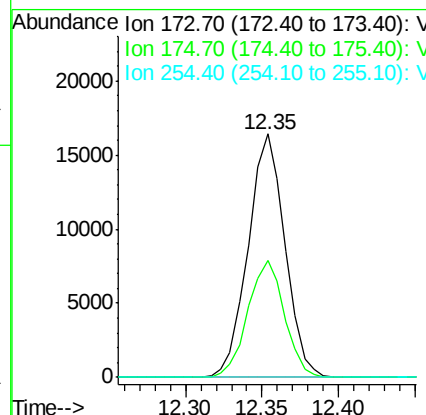
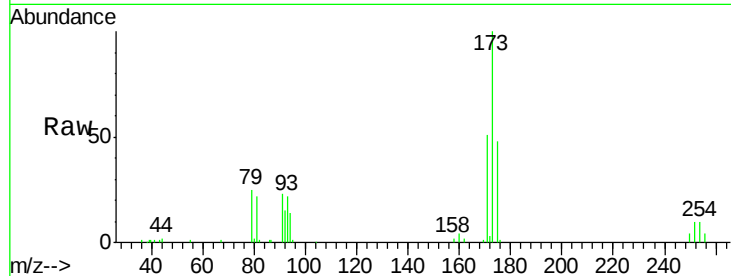




#71
Bromoform
Concen: 21.743 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

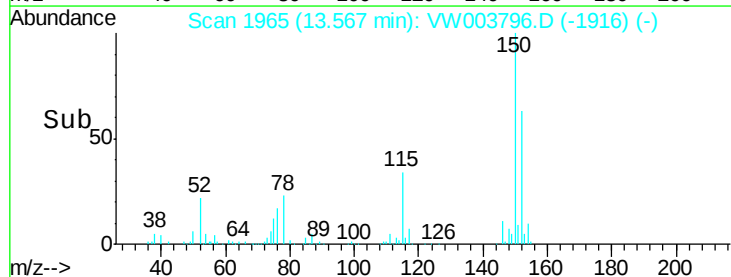
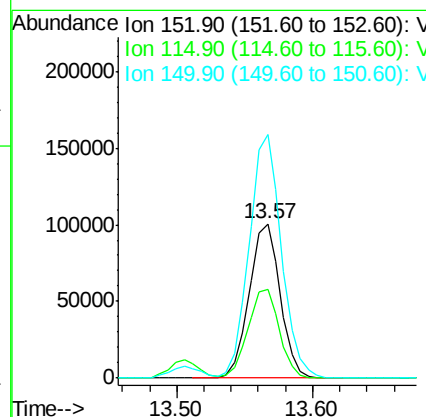
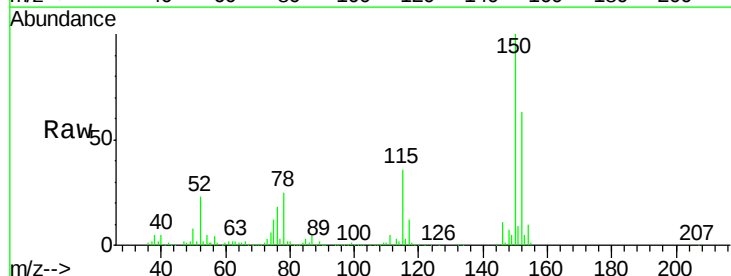
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

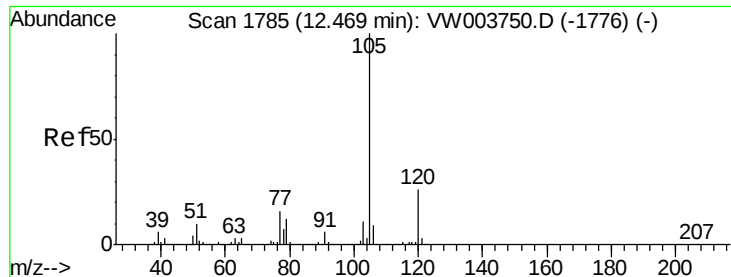
Tot Ion:173 Resp: 27492
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion:152 Resp: 160496
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 164.3 0.0 342.4





#73

Isopropylbenzene

Concen: 21.745 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

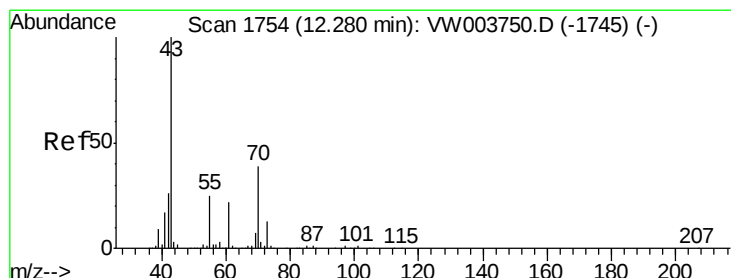
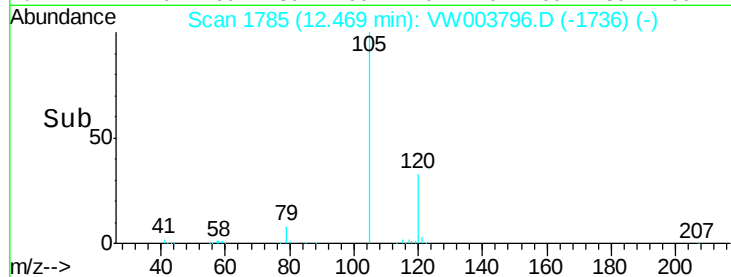
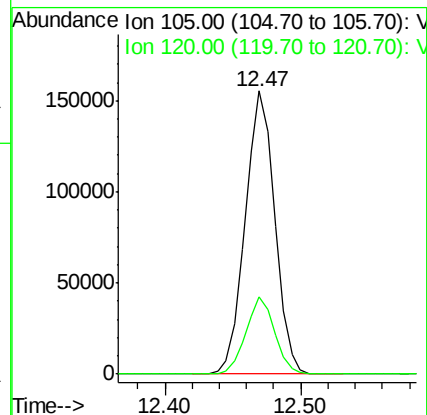
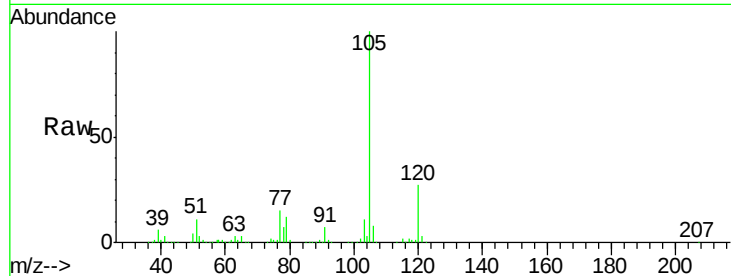
VW0709SBSD02

Tot Ion:105 Resp: 236348

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 21.032 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion: 43 Resp: 61964

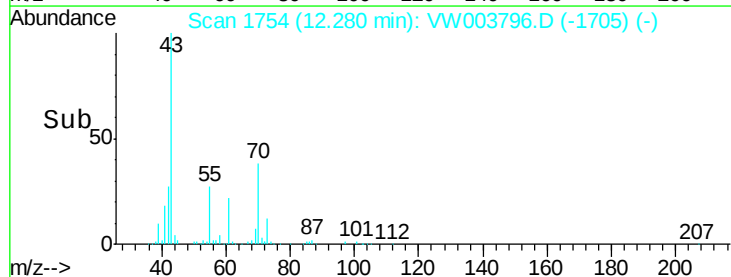
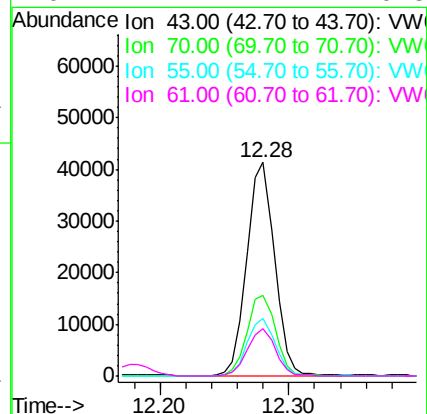
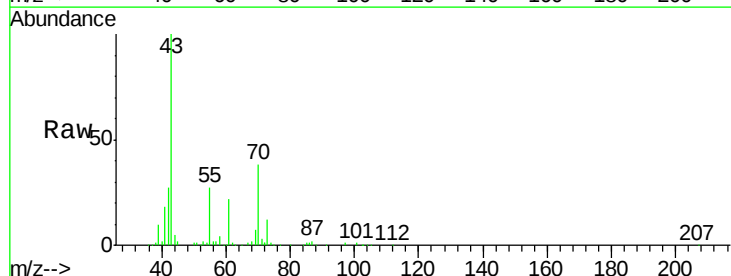
Ion Ratio Lower Upper

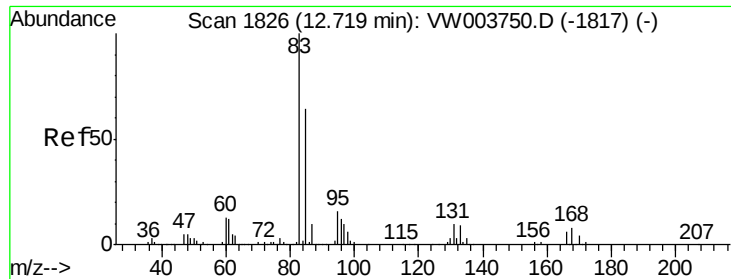
43 100

70 38.8 31.3 46.9

55 27.4 20.1 30.1

61 22.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.410 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

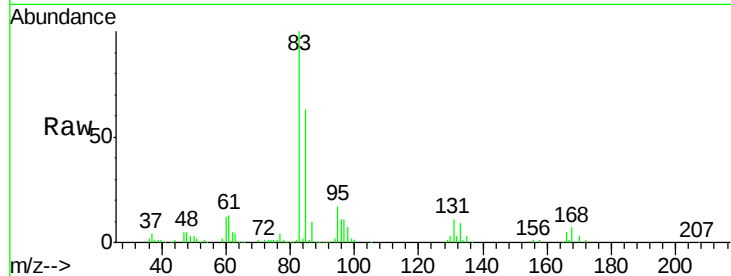
Tot Ion: 83 Resp: 47175

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.1	15.4
85	63.5	32.1	96.3

83 100

131 11.2 5.1 15.4

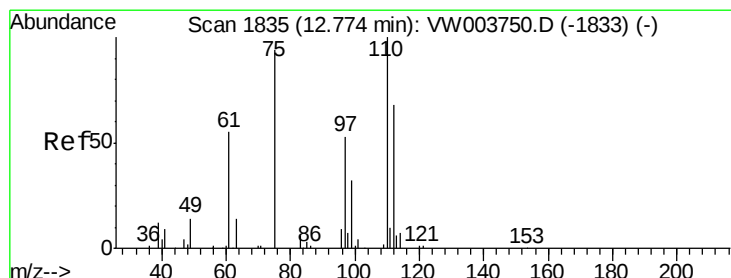
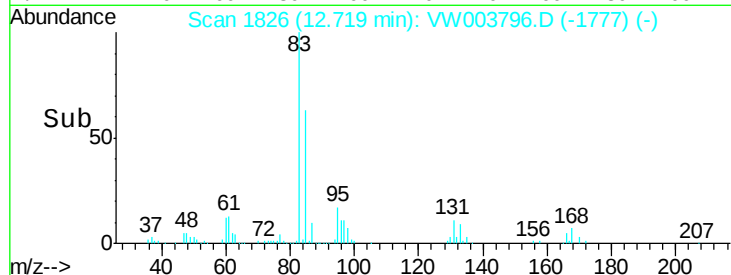
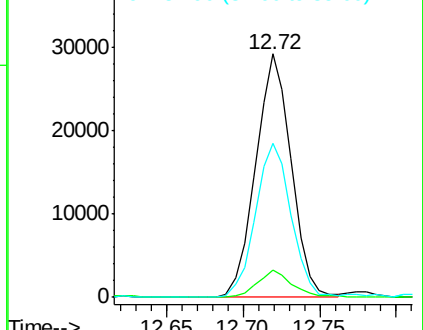
85 63.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.845 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003796.D

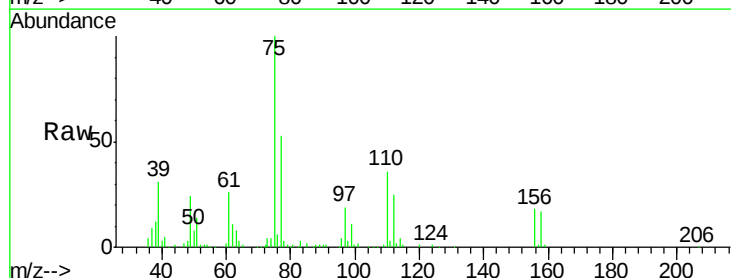
Acq: 10 Jul 2018 01:05

Tgt Ion: 75 Resp: 61222

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

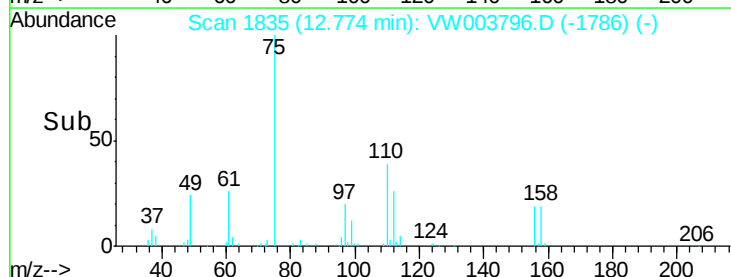
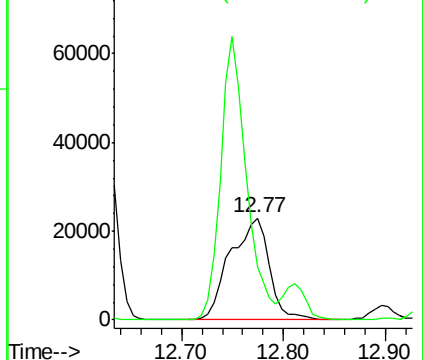
75 100

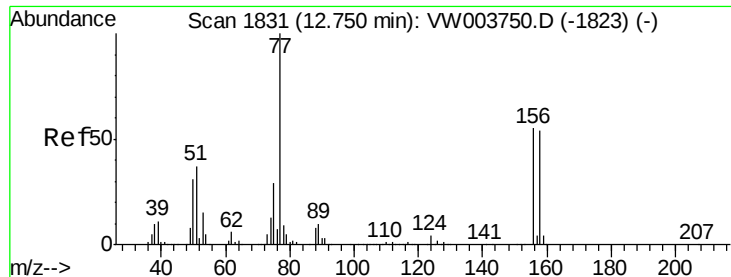
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.552 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

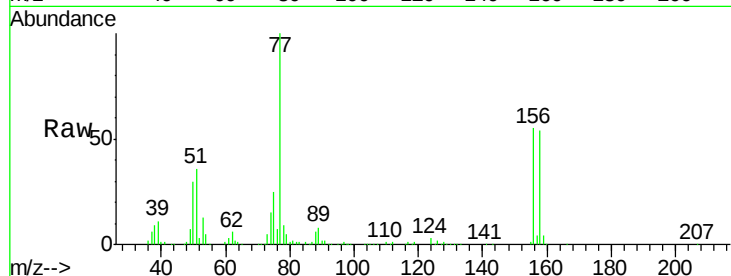
Tot Ion:156 Resp: 58155

Ion Ratio Lower Upper

156 100

77 193.9 98.7 296.0

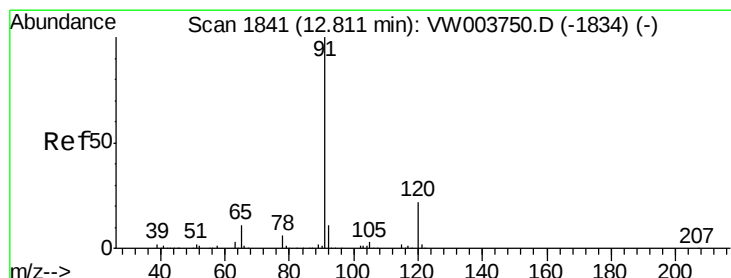
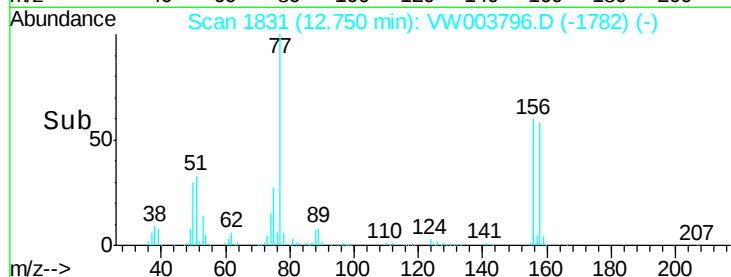
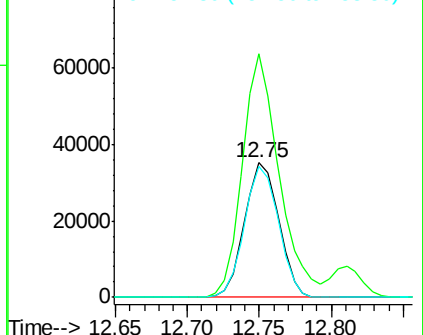
158 97.1 49.0 147.0



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: 21.914 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003796.D

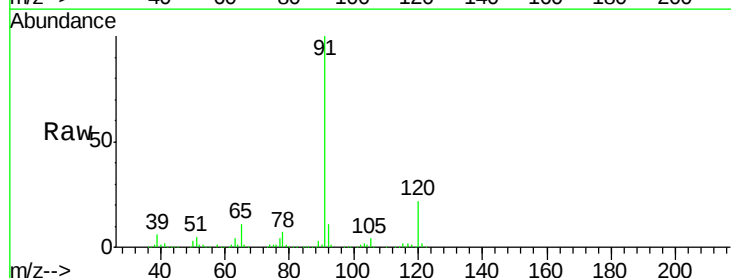
Acq: 10 Jul 2018 01:05

Tgt Ion: 91 Resp: 299002

Ion Ratio Lower Upper

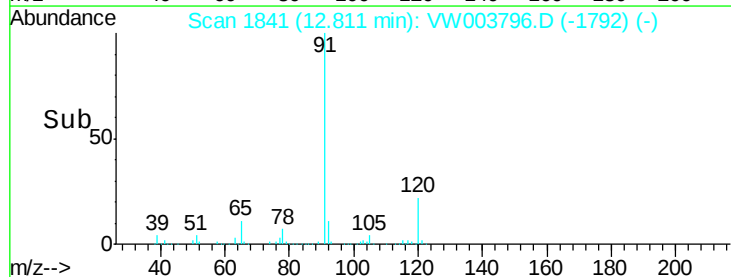
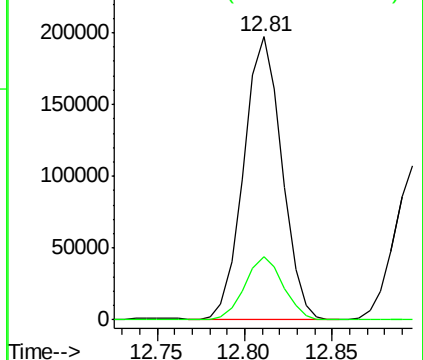
91 100

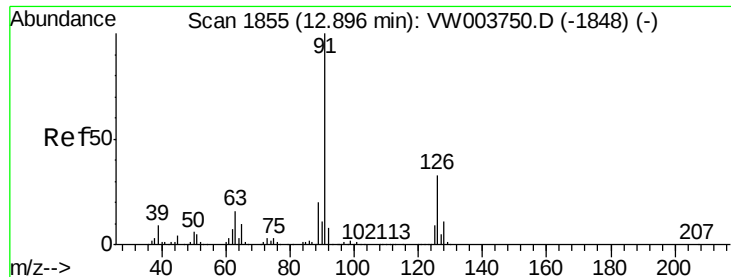
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.831 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

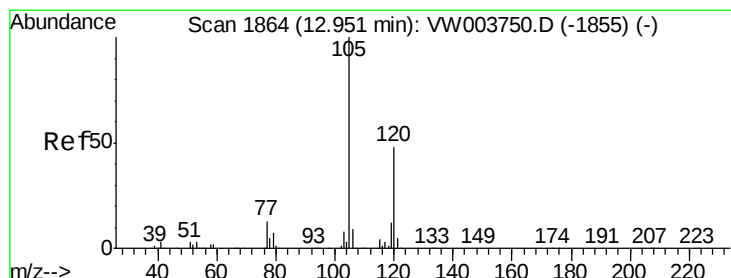
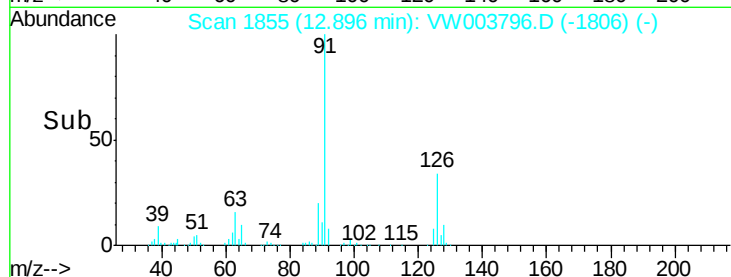
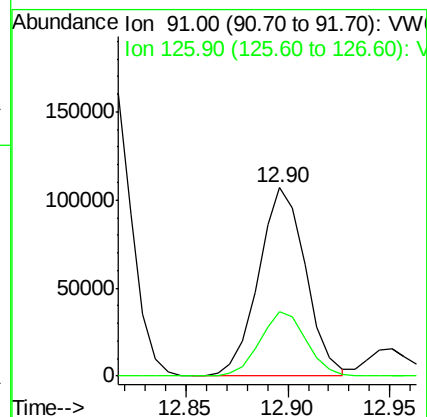
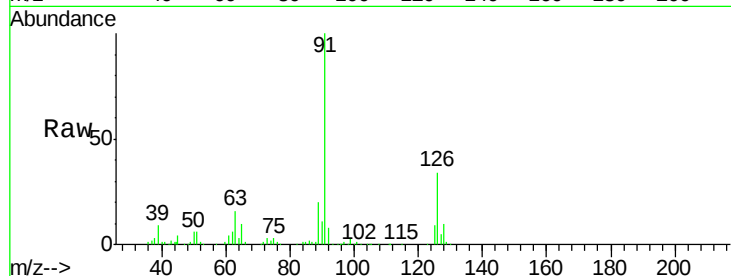
VW0709SBS02

Tot Ion: 91 Resp: 171126

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 22.529 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003796.D

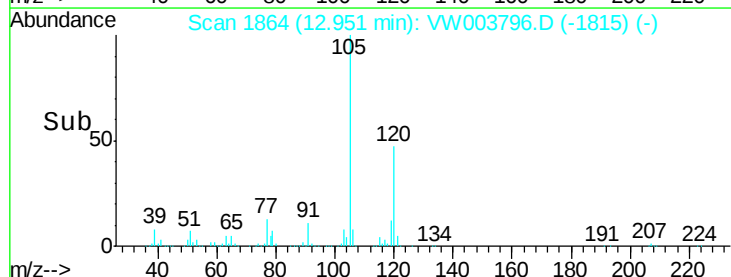
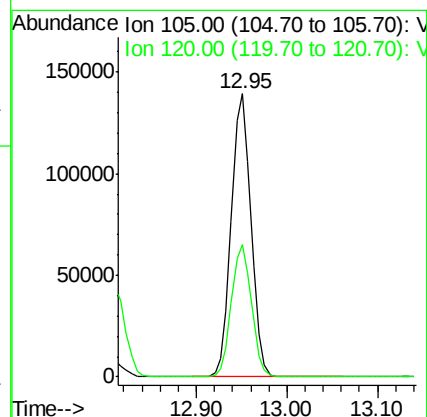
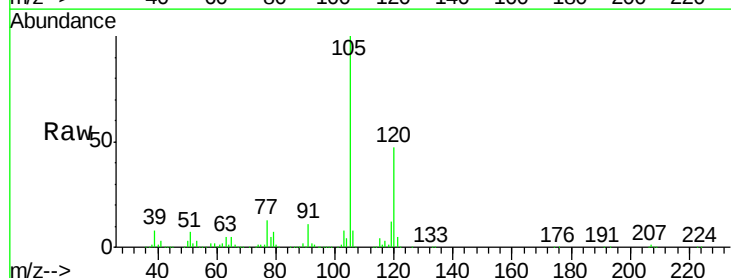
Acq: 10 Jul 2018 01:05

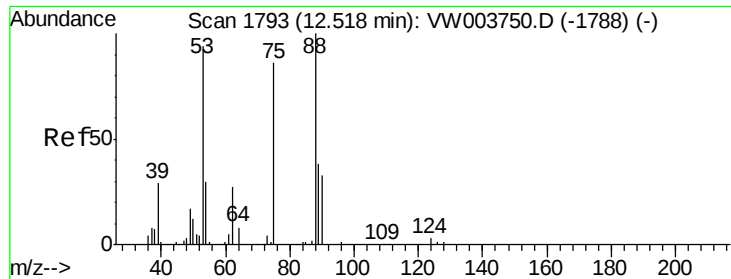
Tgt Ion:105 Resp: 211053

Ion Ratio Lower Upper

105 100

120 47.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.286 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

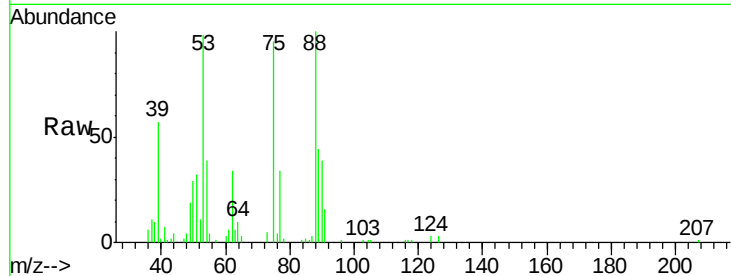
Tot Ion: 75 Resp: 13070

Ion Ratio Lower Upper

75 100

53 105.5 85.0 127.6

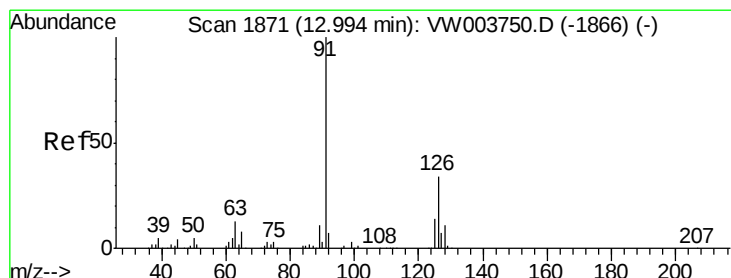
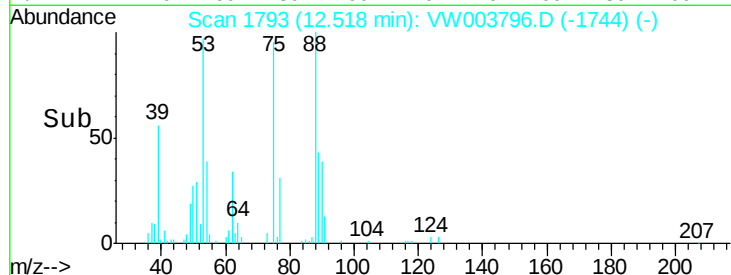
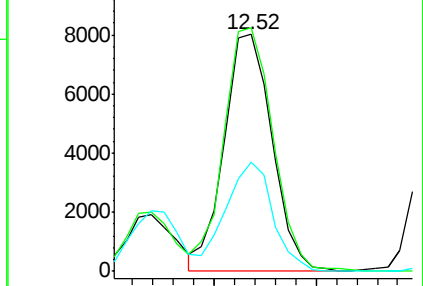
89 44.6 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 22.113 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003796.D

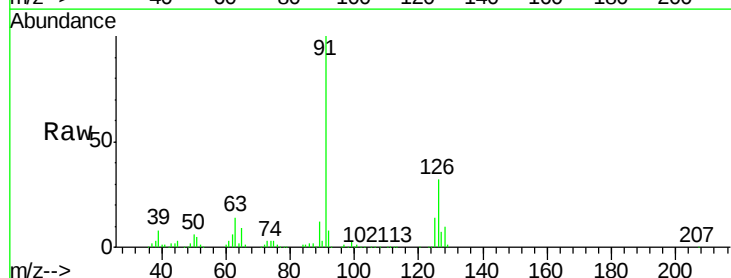
Acq: 10 Jul 2018 01:05

Tgt Ion: 91 Resp: 186393

Ion Ratio Lower Upper

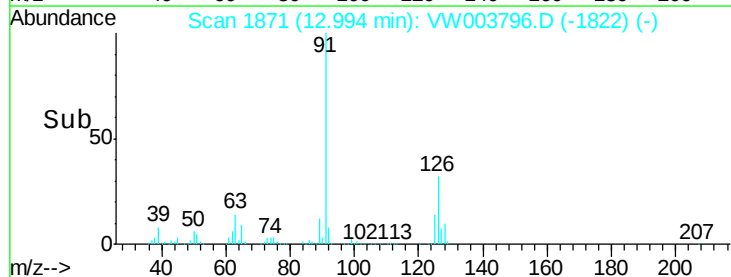
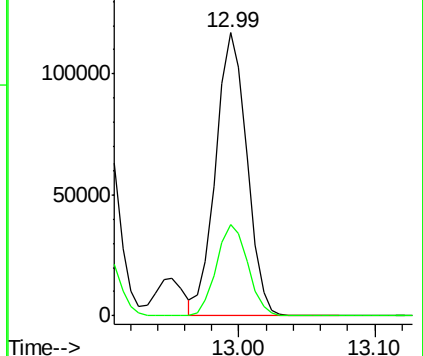
91 100

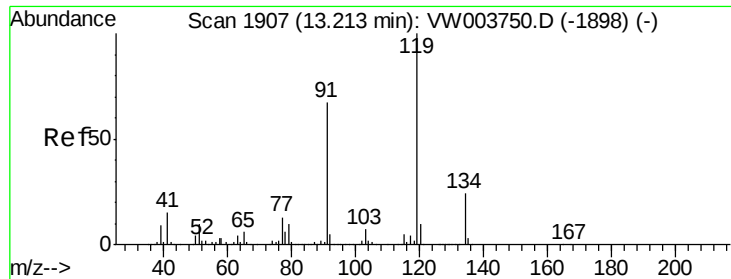
126 32.5 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

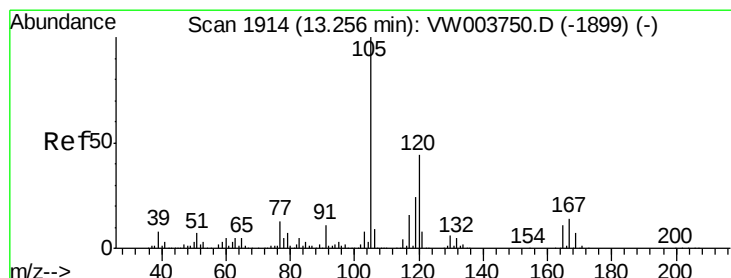
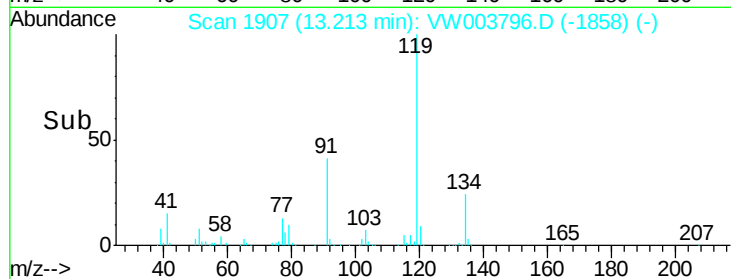
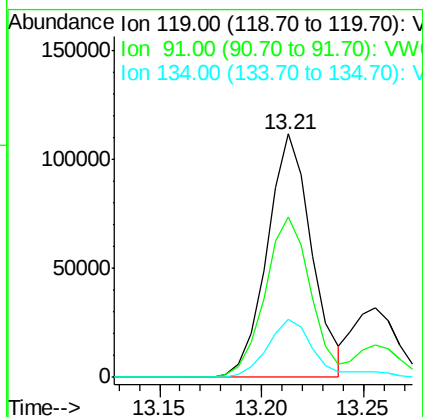
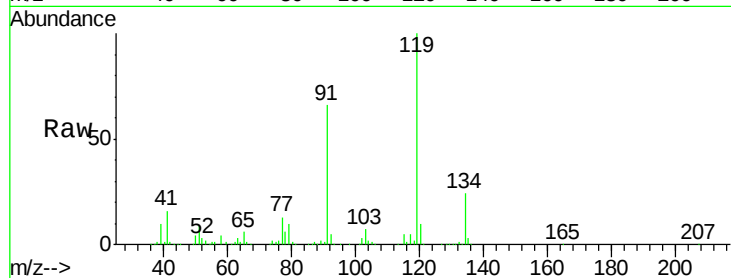




#83
tert-Butylbenzene
Concen: 21.974 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

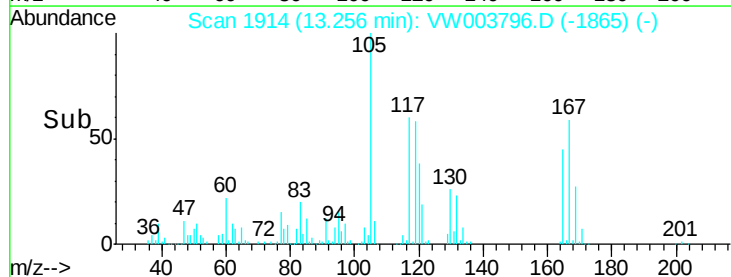
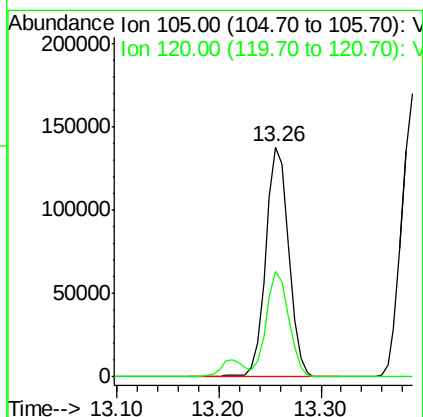
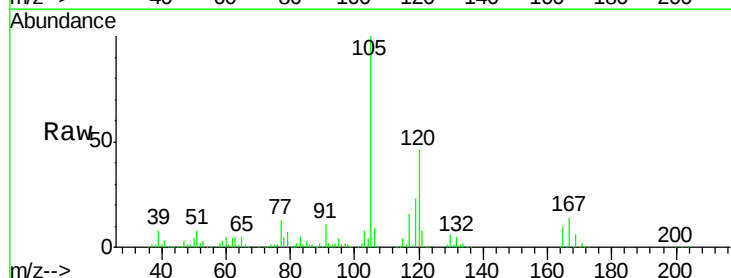
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

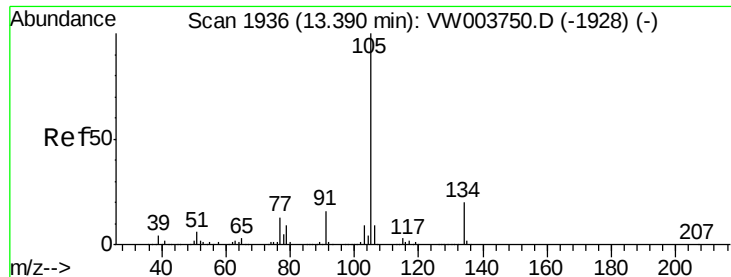
Tot Ion:119 Resp: 169771
Ion Ratio Lower Upper
119 100
91 67.3 33.0 98.9
134 25.8 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 22.141 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion:105 Resp: 215472
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 22.390 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

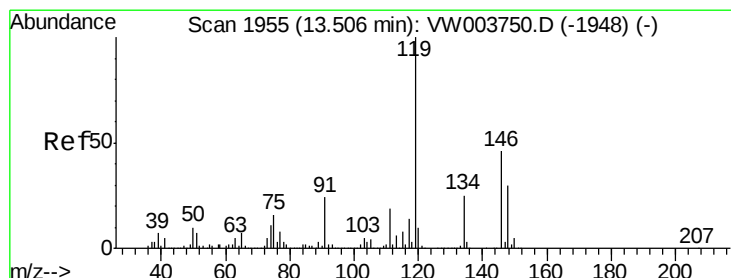
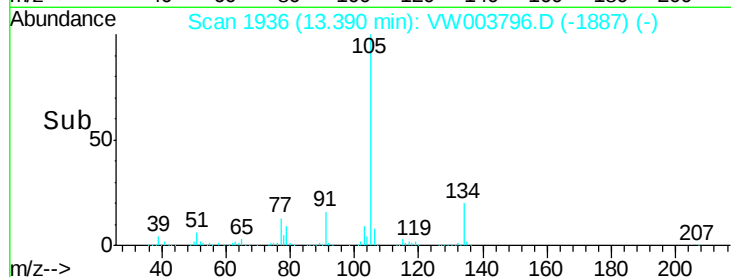
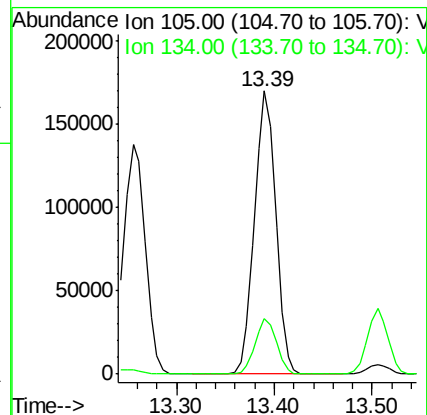
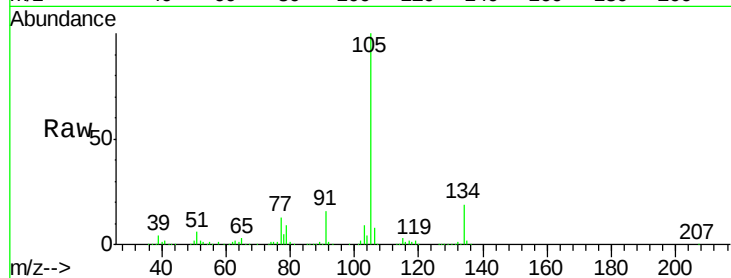
VW0709SBSD02

Tot Ion:105 Resp: 258770

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 21.936 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

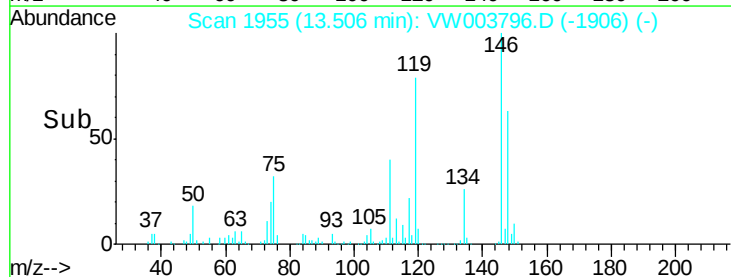
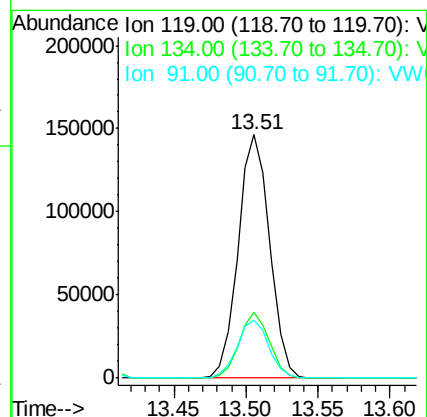
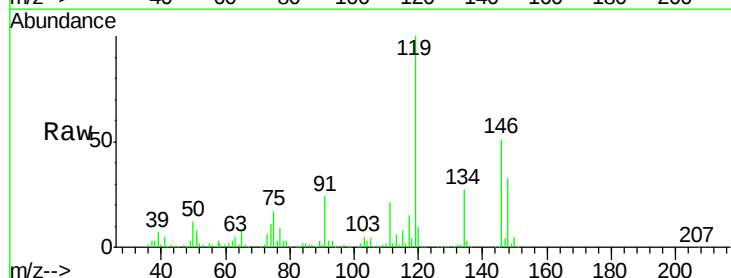
Tgt Ion:119 Resp: 221529

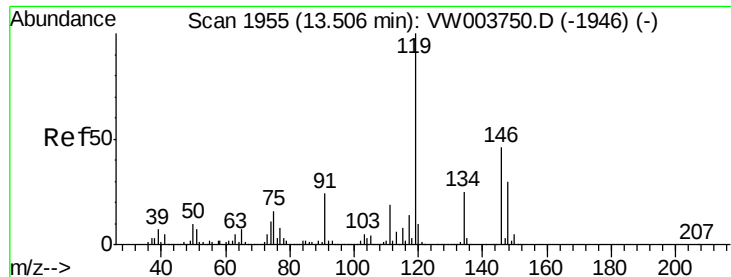
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 24.1 11.9 35.9

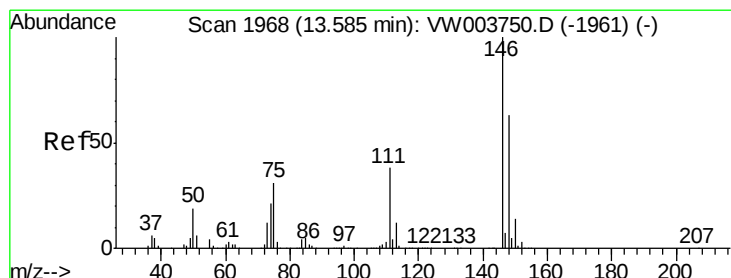
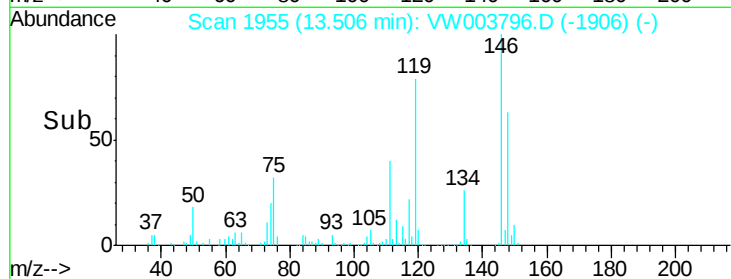
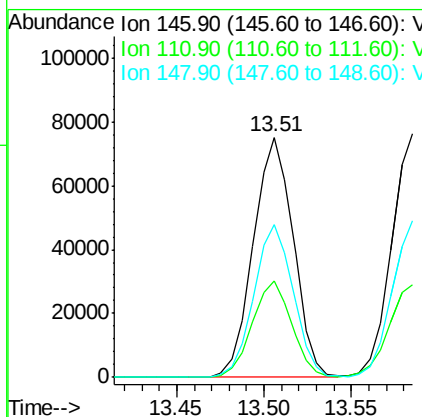
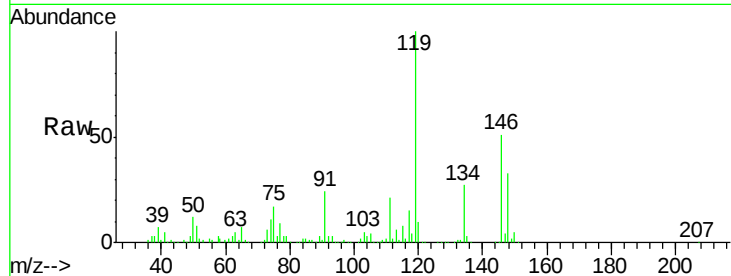




#87
 1,3-Dichlorobenzene
 Concen: 21.846 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

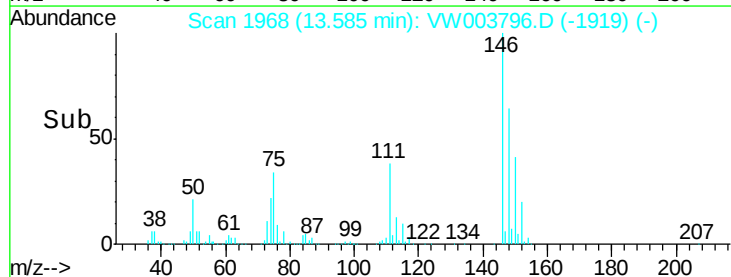
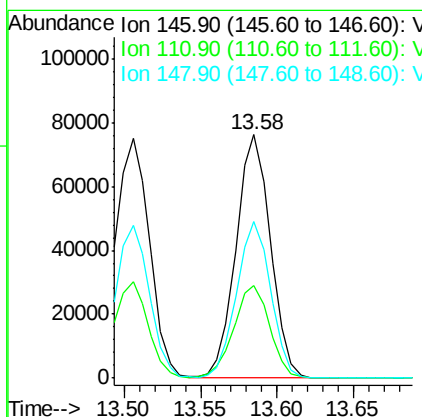
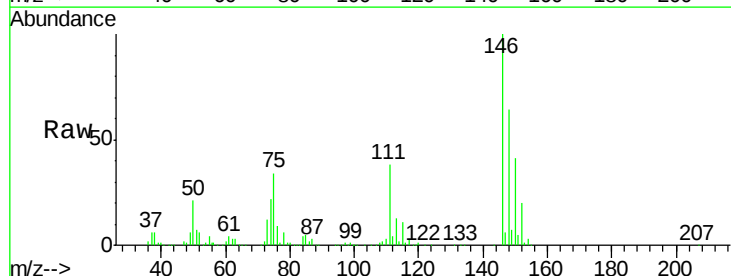
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD02

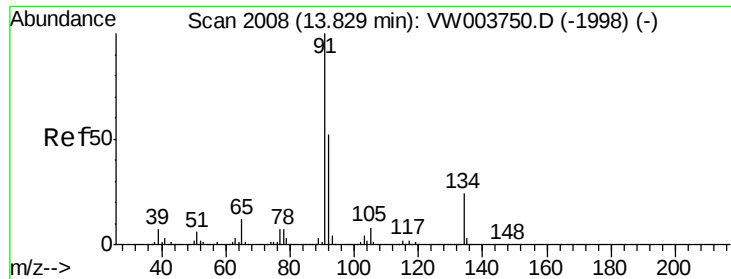
Tot Ion:146 Resp: 119436
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.2 60.5
 148 62.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.639 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion:146 Resp: 118962
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.4 58.4
 148 63.8 31.9 95.7

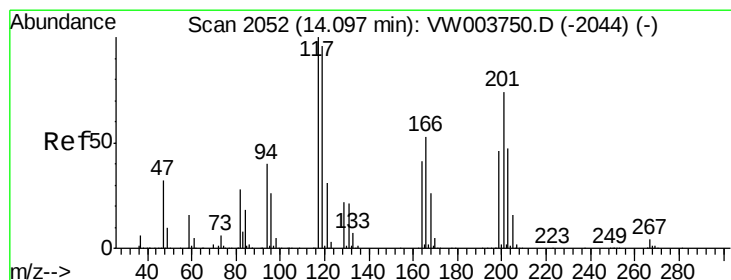
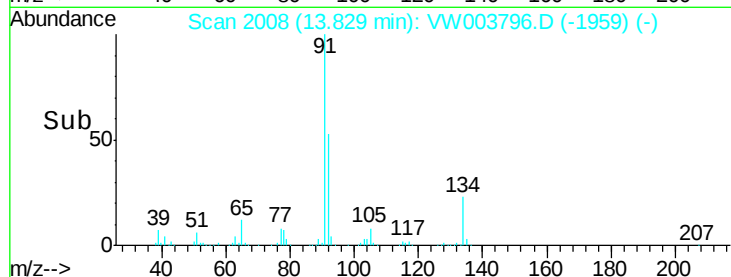
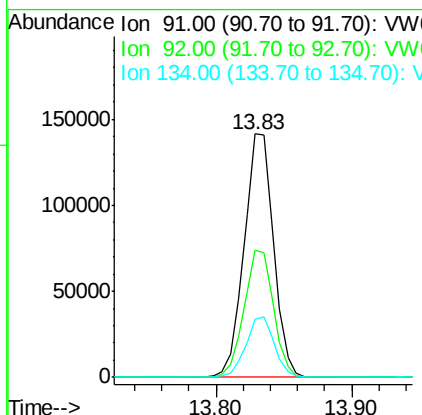
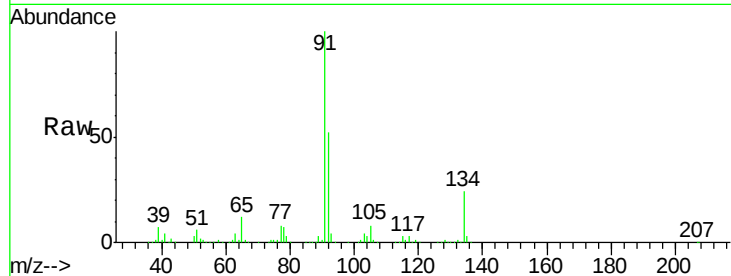




#89
n-Butylbenzene
Concen: 21.562 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

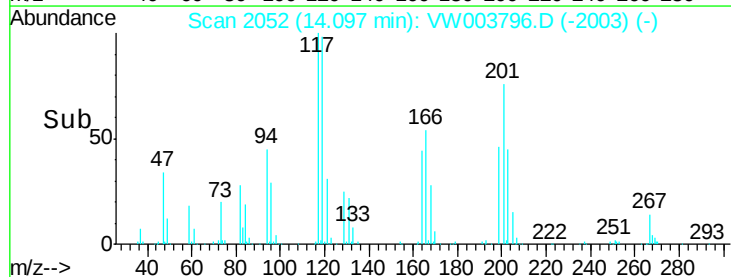
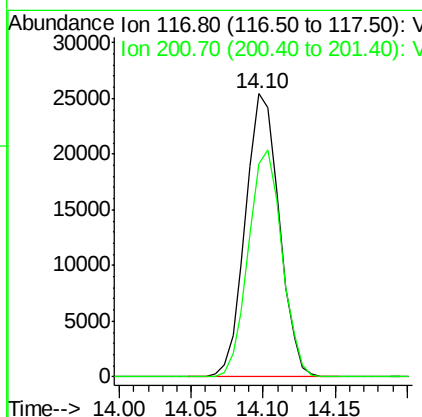
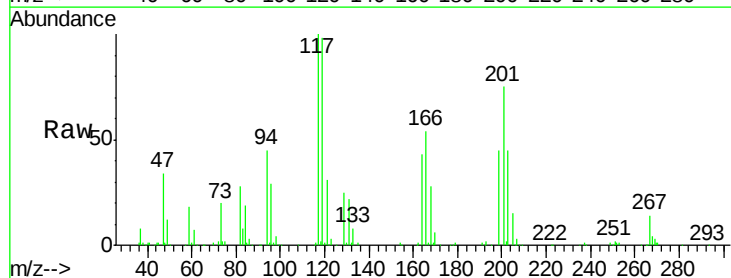
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

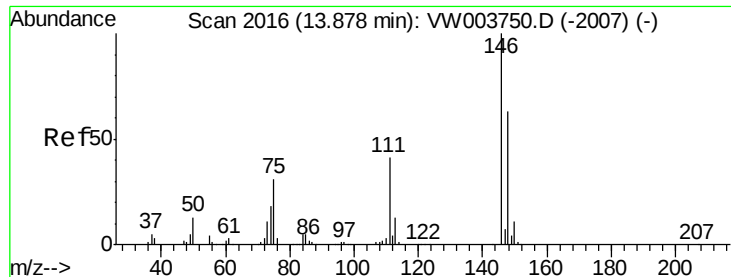
Tot Ion: 91 Resp: 214195
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.3
134 24.3 12.4 37.4



#90
Hexachloroethane
Concen: 21.249 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 117 Resp: 41337
Ion Ratio Lower Upper
117 100
201 79.3 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 21.728 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

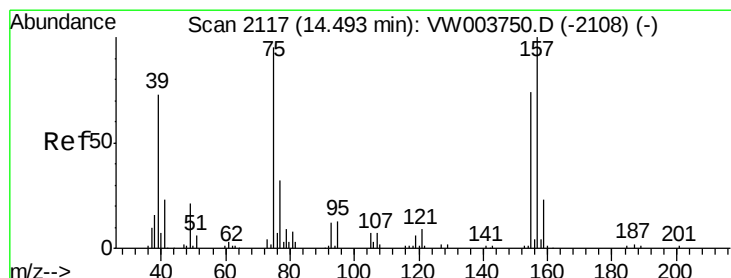
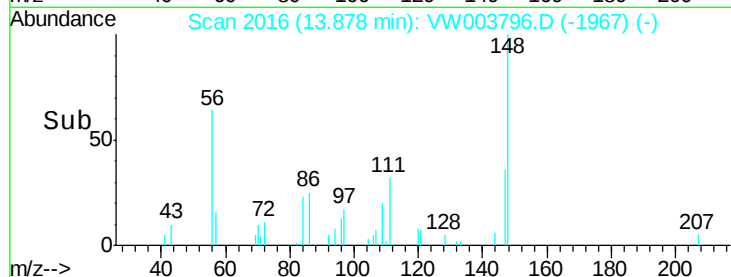
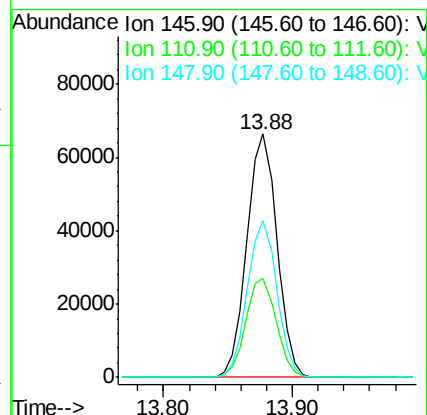
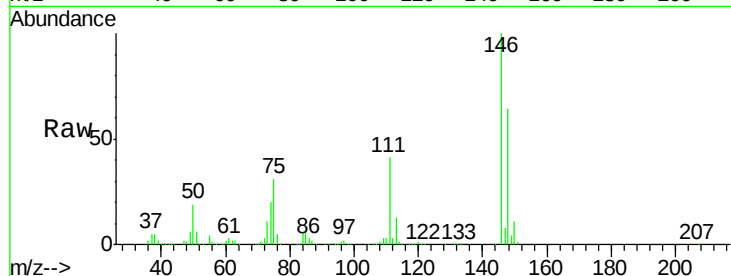
Tot Ion:146 Resp: 106918

Ion Ratio Lower Upper

146 100

111 41.2 20.7 62.1

148 63.2 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.496 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

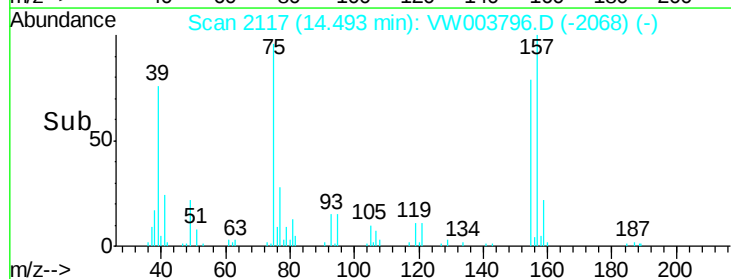
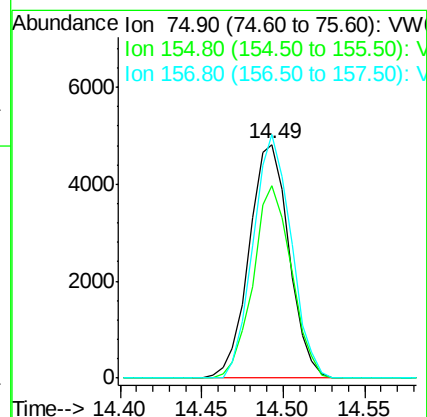
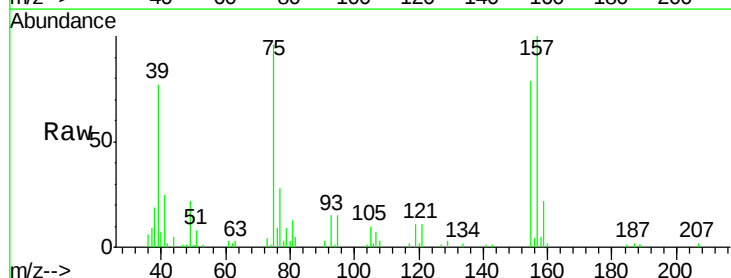
Tgt Ion: 75 Resp: 8199

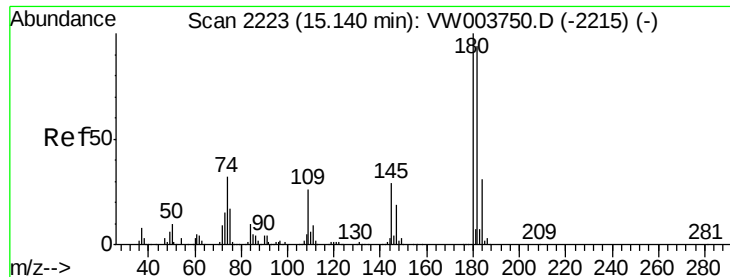
Ion Ratio Lower Upper

75 100

155 79.4 39.2 117.6

157 99.4 50.7 152.1

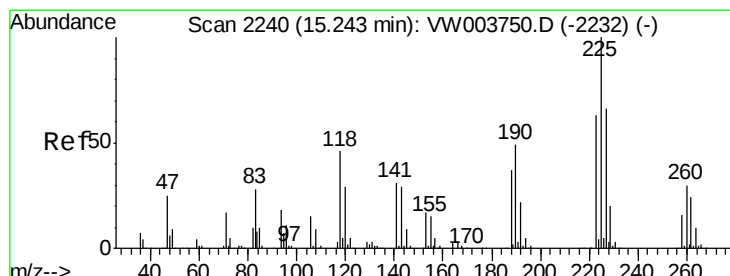
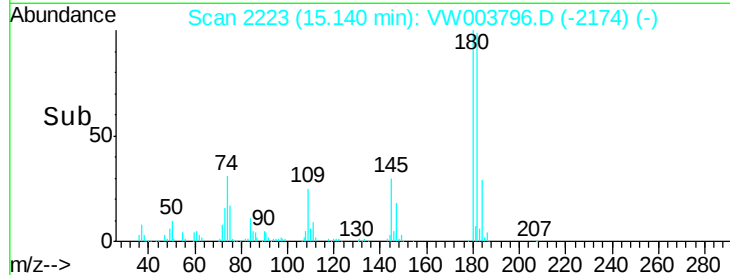
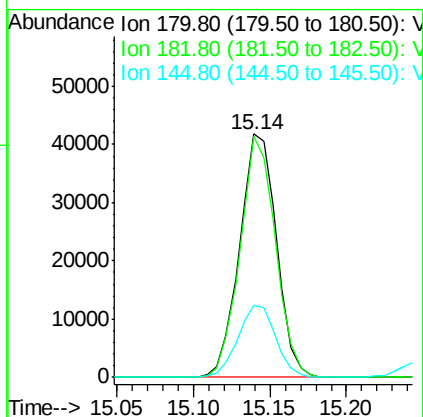
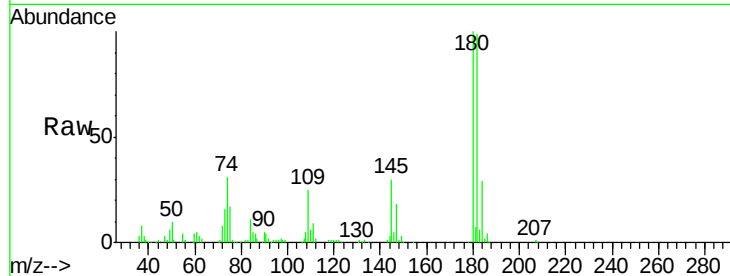




#93
 1,2,4-Trichlorobenzene
 Concen: 21.001 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

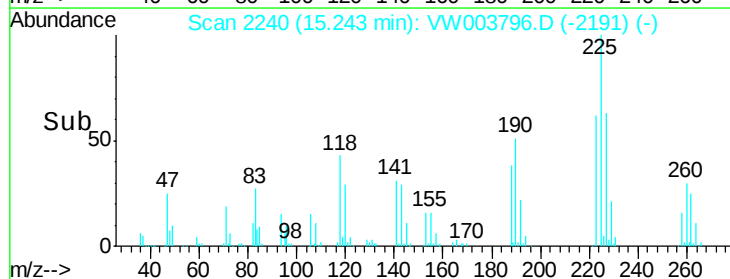
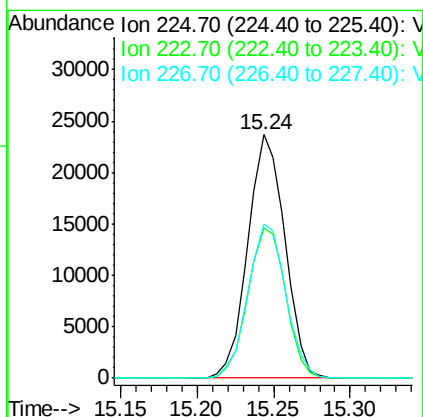
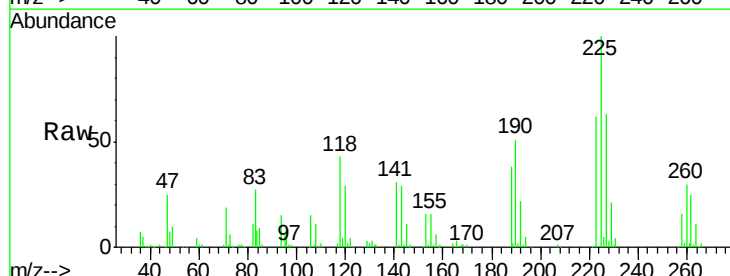
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD02

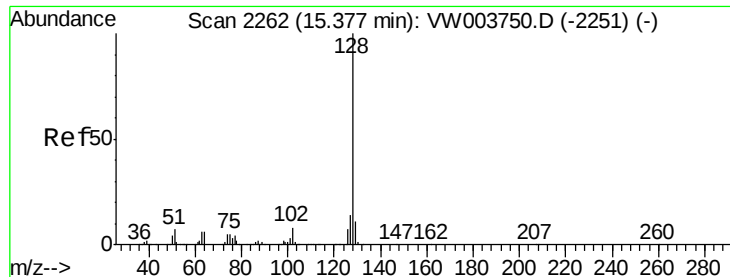
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	30.1	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 20.969 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.6	97.7
227	64.5	32.5	97.5





#95

Naphthalene

Concen: 20.672 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

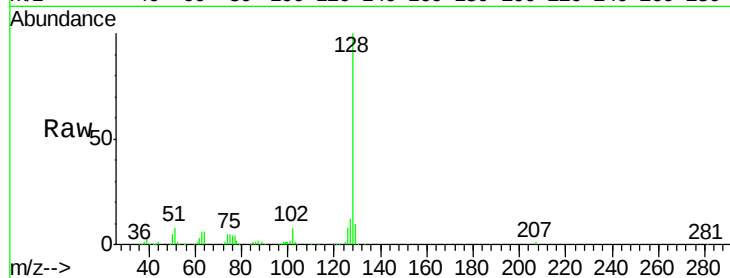
Tot Ion:128 Resp: 123059

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

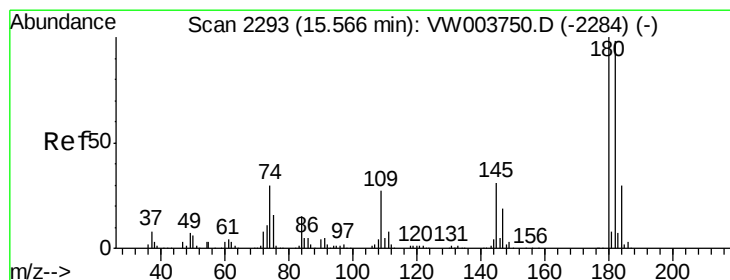
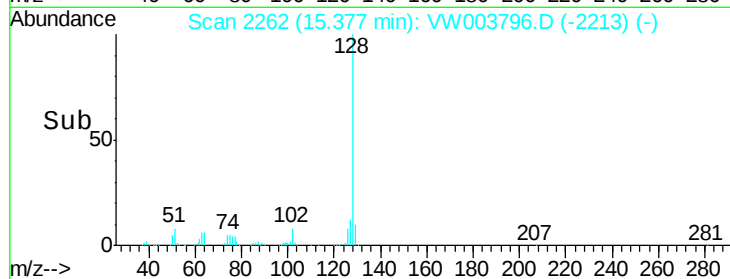
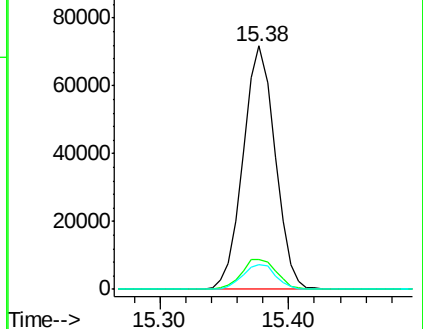
129 10.7 8.6 13.0



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: 20.868 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

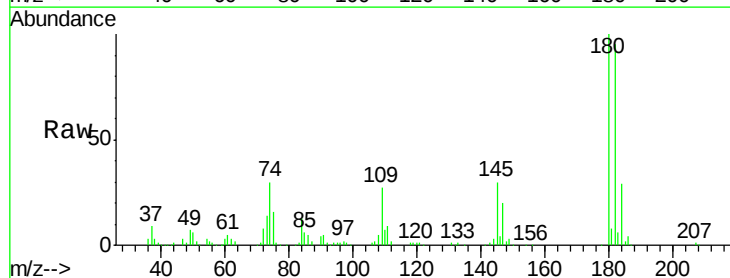
Tgt Ion:180 Resp: 62235

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 31.4 15.8 47.4



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

