

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003979.D
 Acq On : 17 Jul 2018 12:42
 Operator : VA/AP
 Sample : VW0717SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Quant Time: Jul 17 13:45:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154257	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	134776	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.33	98	535266	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.62	95	190181	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29180	20.41	ug/l	99
3) Chloromethane	2.21	50	42738	22.72	ug/l	96
4) Vinyl Chloride	2.36	62	58987	22.79	ug/l	96
5) Bromomethane	2.77	94	36190	22.37	ug/l	100
6) Chloroethane	2.92	64	32271	21.95	ug/l	96
7) Trichlorofluoromethane	3.25	101	25150	23.15	ug/l	97
8) Diethyl Ether	3.68	74	24887	19.73	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	54991	21.93	ug/l	98
10) Methyl Iodide	4.26	142	77070	21.40	ug/l	99
11) Tert butyl alcohol	5.18	59	23632	120.32	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	53467	21.61	ug/l	98
13) Acrolein	3.88	56	20567	101.91	ug/l	99
14) Allyl chloride	4.65	41	88105	21.58	ug/l	98
15) Acrylonitrile	5.37	53	65642	101.58	ug/l	99
16) Acetone	4.12	43	69943	102.30	ug/l	95
17) Carbon Disulfide	4.37	76	169432	21.94	ug/l	98
18) Methyl Acetate	4.67	43	31021	18.90	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	96243	20.30	ug/l	99
20) Methylene Chloride	4.91	84	66945	16.99	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57387	21.16	ug/l	94
22) Diisopropyl ether	6.31	45	183370	22.22	ug/l	97
23) Vinyl Acetate	6.26	43	546880	104.59	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107973	21.44	ug/l	100
25) 2-Butanone	7.18	43	92402	100.43	ug/l	97
26) 2,2-Dichloropropane	7.16	77	64169	22.20	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	61540	20.99	ug/l	99
28) Bromochloromethane	7.51	49	43780	21.25	ug/l	99
29) Tetrahydrofuran	7.53	42	57950	101.11	ug/l	99
30) Chloroform	7.68	83	108032	21.57	ug/l	99
31) Cyclohexane	7.95	56	100674	21.33	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	85808	21.94	ug/l	100
36) 1,1-Dichloropropene	8.08	75	88033	21.65	ug/l	100
37) Ethyl Acetate	7.26	43	41063	20.94	ug/l	100
38) Carbon Tetrachloride	8.07	117	83144	21.89	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003979.D
 Acq On : 17 Jul 2018 12:42
 Operator : VA/AP
 Sample : VW0717SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Quant Time: Jul 17 13:45:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98734	20.74	ug/l	93
40) Benzene	8.32	78	245303	21.75	ug/l	98
41) Methacrylonitrile	7.48	41	22835	21.02	ug/l	94
42) 1,2-Dichloroethane	8.40	62	74383	21.62	ug/l	98
43) Isopropyl Acetate	8.43	43	74968	20.44	ug/l	99
44) Trichloroethene	9.09	130	62211	21.28	ug/l	98
45) 1,2-Dichloropropane	9.37	63	62377	21.67	ug/l	97
46) Dibromomethane	9.46	93	32224	21.57	ug/l	99
47) Bromodichloromethane	9.65	83	78417	21.29	ug/l	100
48) Methyl methacrylate	9.44	41	35783	20.17	ug/l	99
49) 1,4-Dioxane	9.45	88	9273	403.84	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	199307	102.00	ug/l	99
52) Toluene	10.39	92	152850	21.91	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79020	20.52	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	92691	21.04	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44538	21.20	ug/l	98
56) Ethyl methacrylate	10.65	69	53953	19.84	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77227	21.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121573	97.54	ug/l	99
59) 2-Hexanone	10.98	43	140723	102.18	ug/l	97
60) Dibromochloromethane	11.13	129	51649	21.11	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42439	21.23	ug/l	100
64) Tetrachloroethene	10.87	164	53946	21.33	ug/l	95
65) Chlorobenzene	11.66	112	166048	21.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56488	20.74	ug/l	99
67) Ethyl Benzene	11.74	91	288660	20.96	ug/l	100
68) m/p-Xylenes	11.85	106	224512	42.66	ug/l	99
69) o-Xylene	12.17	106	101112	20.71	ug/l	99
70) Styrene	12.19	104	170786	20.94	ug/l	99
71) Bromoform	12.35	173	30619	19.91	ug/l	# 99
73) Isopropylbenzene	12.47	105	282215	20.40	ug/l	99
74) N-amyl acetate	12.28	43	71218	19.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	54399	20.33	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	72321	37.21	ug/l	# 100
77) Bromobenzene	12.75	156	66627	20.13	ug/l	98
78) n-propylbenzene	12.81	91	355533	20.95	ug/l	100
79) 2-Chlorotoluene	12.90	91	200514	20.95	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	242781	20.85	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16188	18.42	ug/l	92
82) 4-Chlorotoluene	12.99	91	212834	20.72	ug/l	100
83) tert-Butylbenzene	13.21	119	202448	20.71	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	252984	21.12	ug/l	100
85) sec-Butylbenzene	13.39	105	303966	20.96	ug/l	99
86) p-Isopropyltoluene	13.51	119	267220	21.01	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137931	20.86	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	135724	20.47	ug/l	99
89) n-Butylbenzene	13.83	91	261800	20.93	ug/l	99
90) Hexachloroethane	14.10	117	48144	20.53	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	123471	20.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9477	19.92	ug/l	96

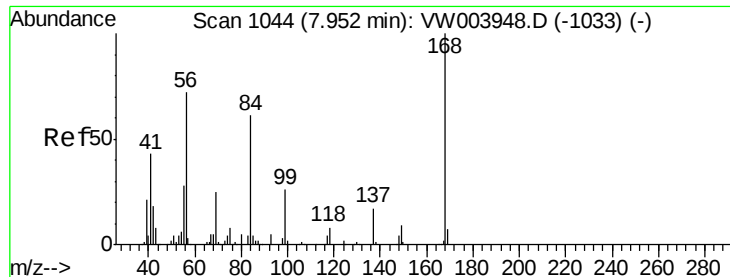
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003979.D
Acq On : 17 Jul 2018 12:42
Operator : VA/AP
Sample : VW0717SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Quant Time: Jul 17 13:45:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 17 11:52:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86154	20.82	ug/l	98
94) Hexachlorobutadiene	15.25	225	50795	21.38	ug/l	99
95) Naphthalene	15.38	128	147818	19.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75555	20.63	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

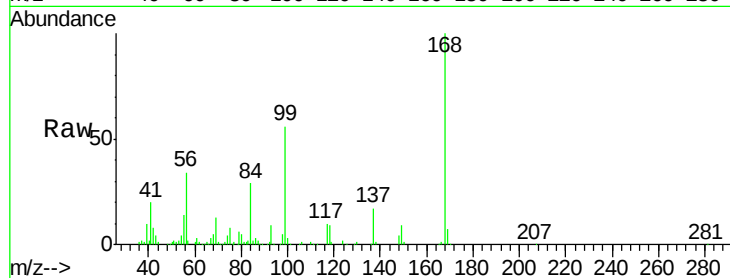
VW0717SBSD01

Tot Ion:168 Resp: 254539

Ion Ratio Lower Upper

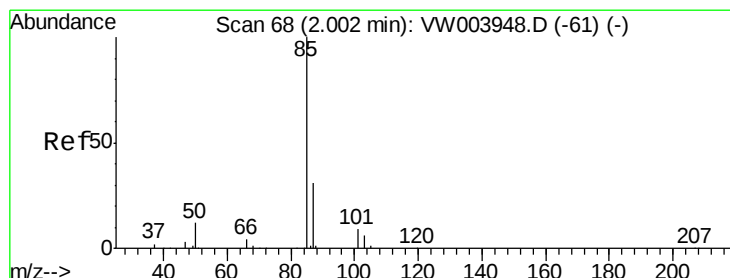
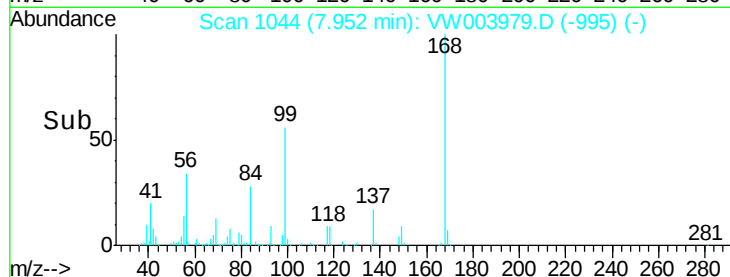
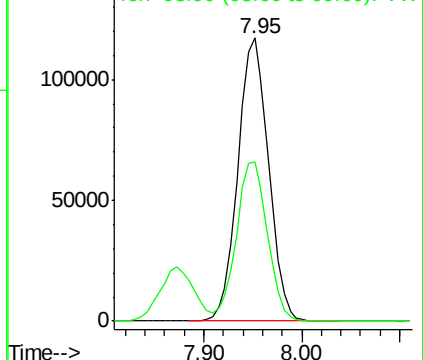
168 100

99 56.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.41 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003979.D

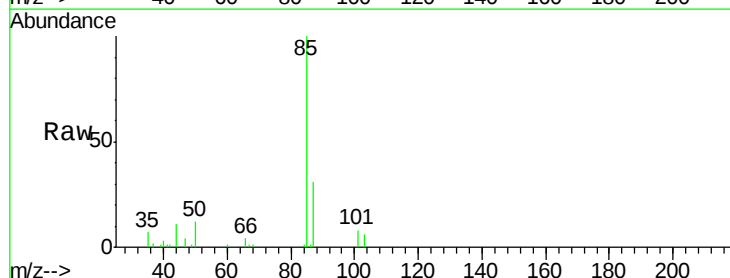
Acq: 17 Jul 2018 12:42

Tgt Ion: 85 Resp: 29180

Ion Ratio Lower Upper

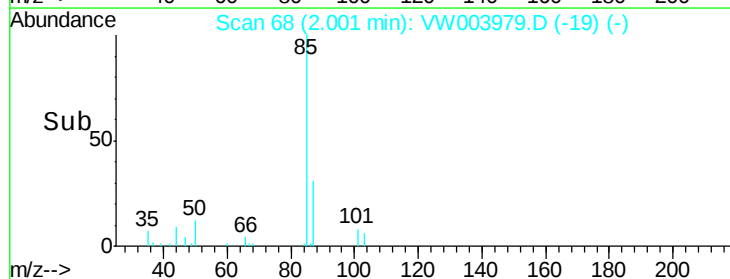
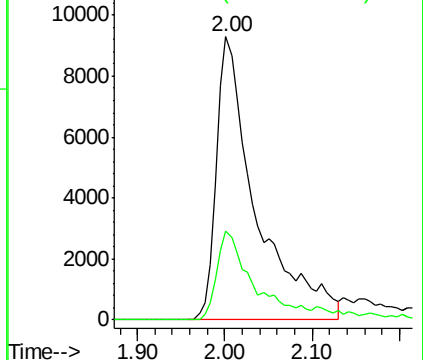
85 100

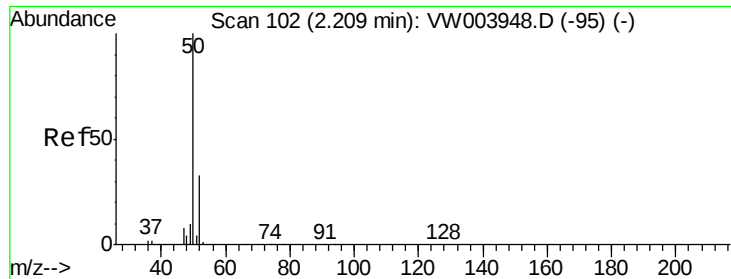
87 31.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.72 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

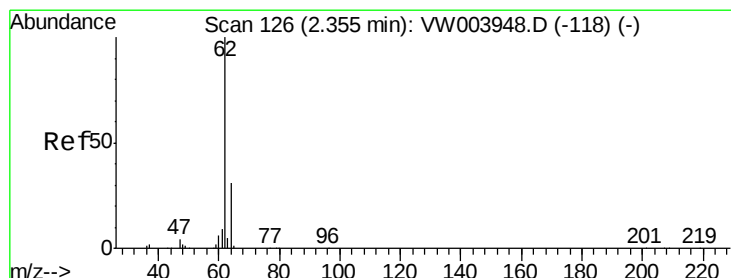
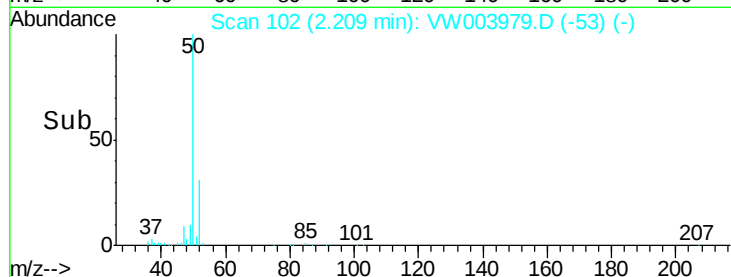
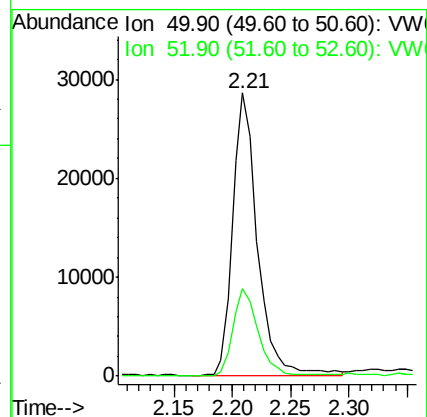
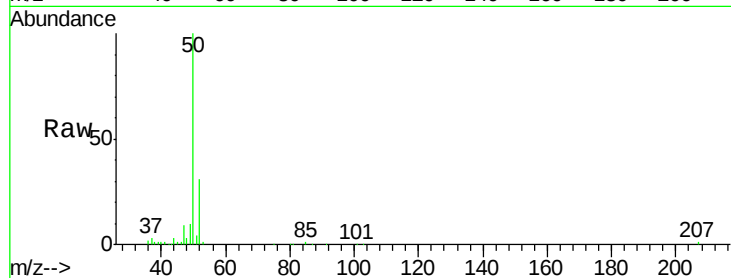
VW0717SBSD01

Tot Ion: 50 Resp: 42738

Ion Ratio Lower Upper

50 100

52 30.9 26.3 39.5



#4

Vinyl Chloride

Concen: 22.79 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003979.D

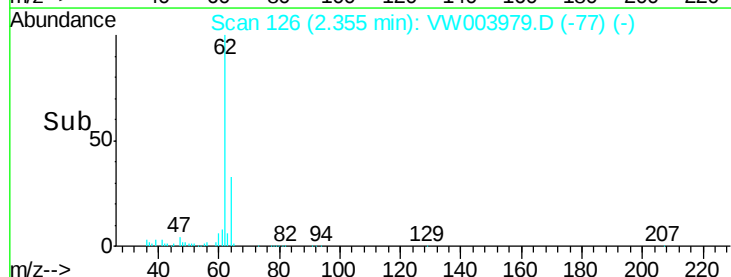
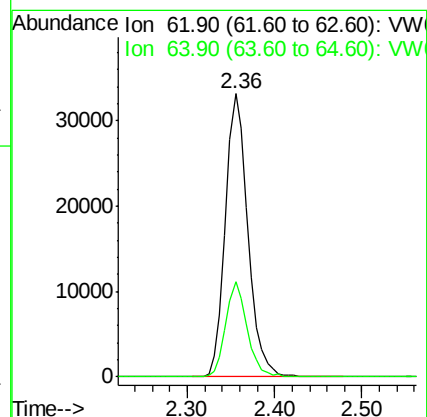
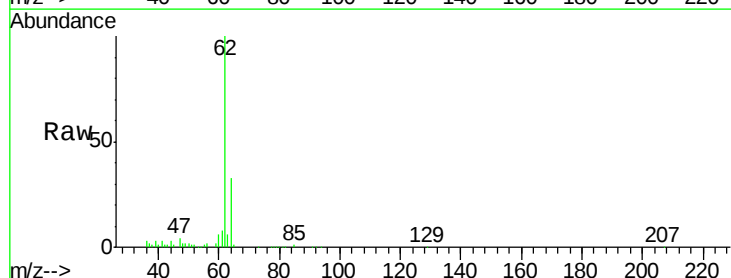
Acq: 17 Jul 2018 12:42

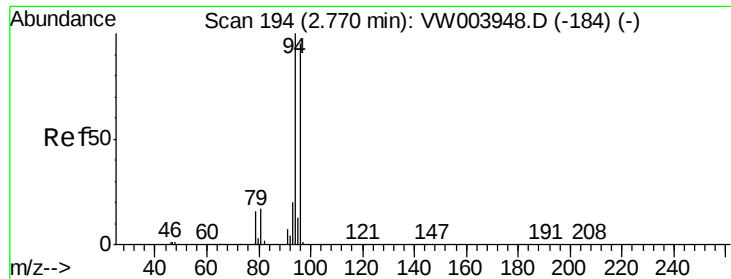
Tgt Ion: 62 Resp: 58987

Ion Ratio Lower Upper

62 100

64 33.4 25.0 37.6





#5

Bromomethane

Concen: 22.37 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

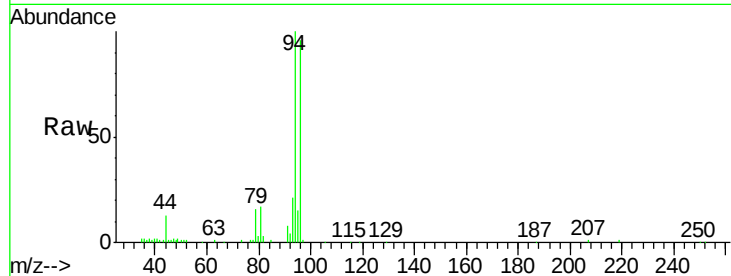
VW0717SBSD01

Tot Ion: 94 Resp: 36190

Ion Ratio Lower Upper

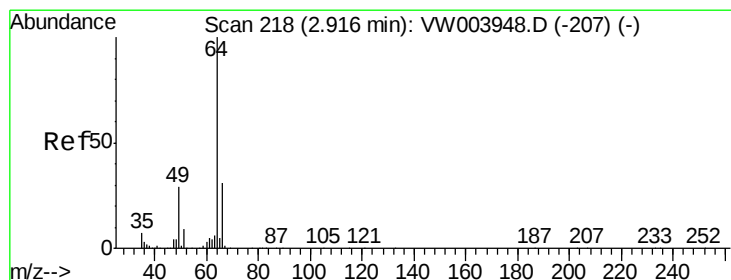
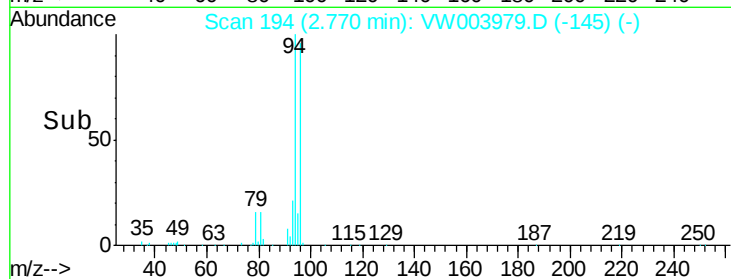
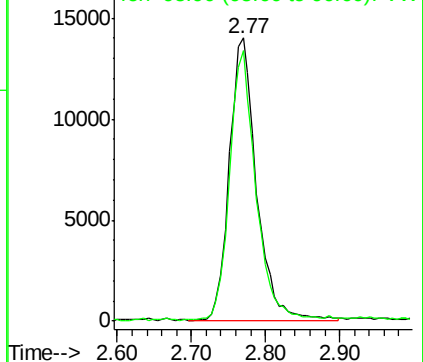
94 100

96 94.8 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.95 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003979.D

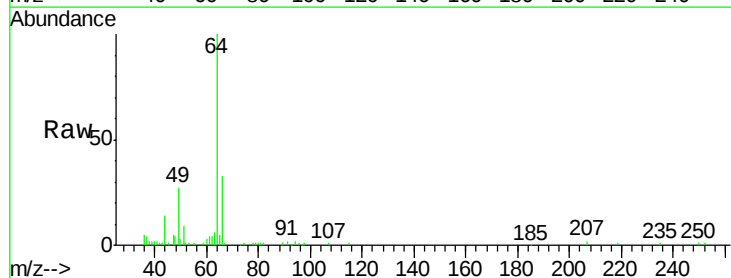
Acq: 17 Jul 2018 12:42

Tgt Ion: 64 Resp: 32271

Ion Ratio Lower Upper

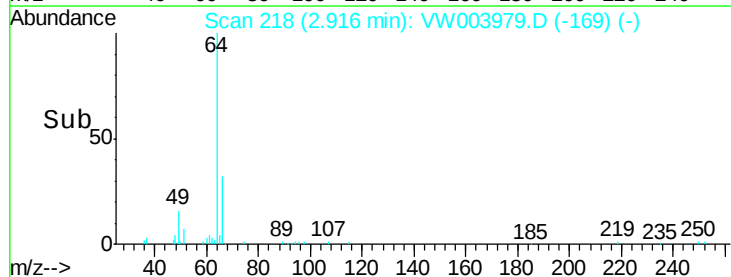
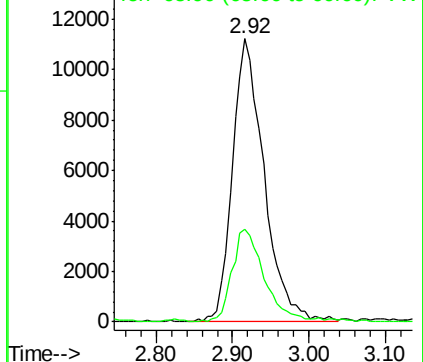
64 100

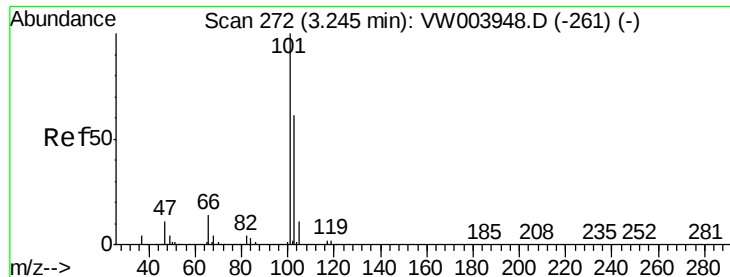
66 32.9 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



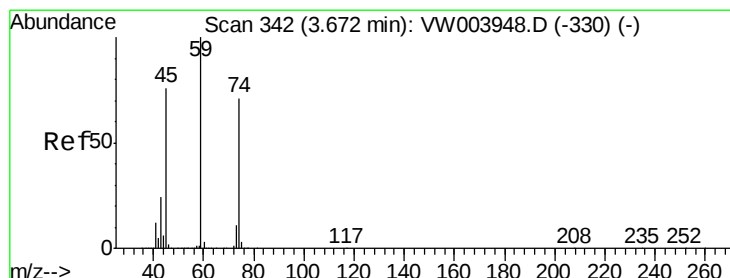
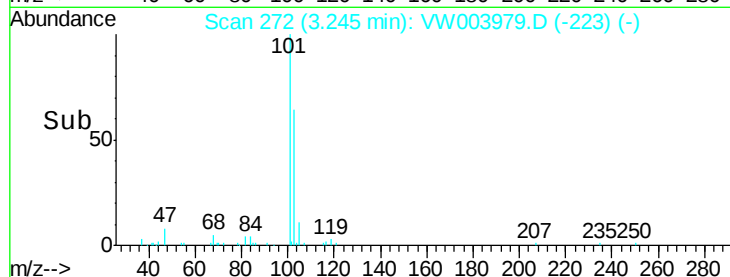
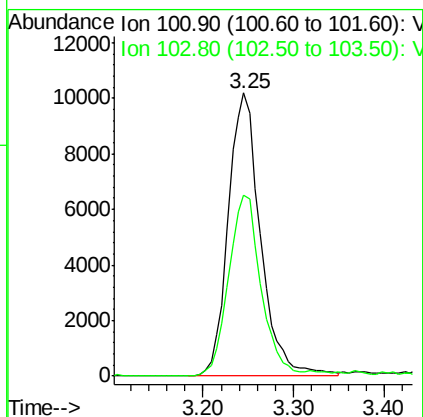
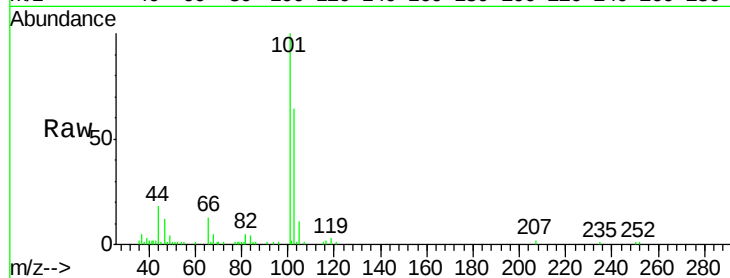


#7

Trichlorofluoromethane
 Concen: 23.15 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

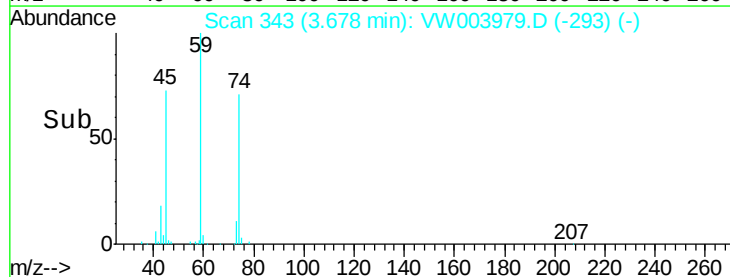
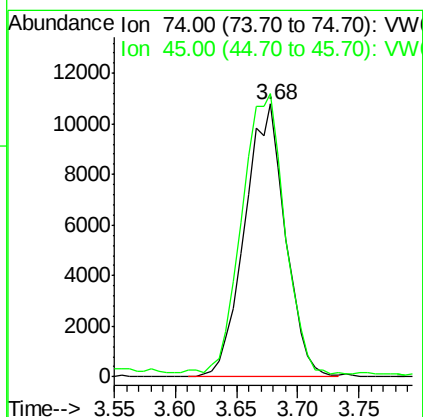
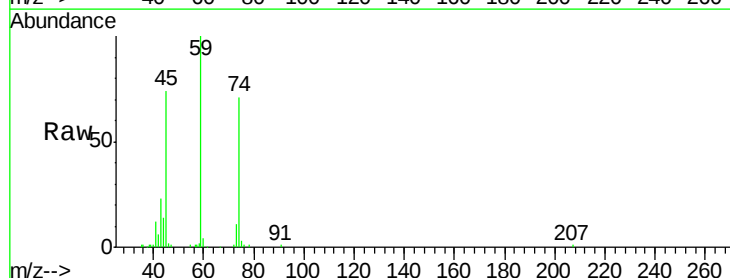
Tot Ion:101 Resp: 25150
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.0 73.6

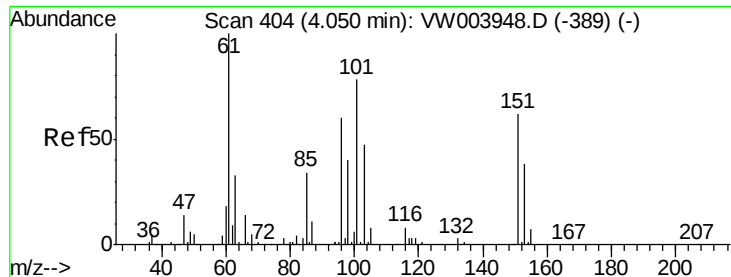


#8

Diethyl Ether
 Concen: 19.73 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion: 74 Resp: 24887
 Ion Ratio Lower Upper
 74 100
 45 108.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.93 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

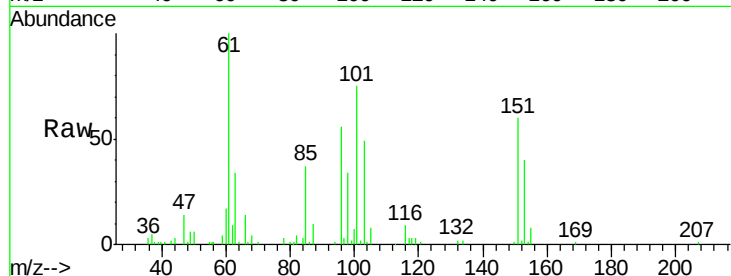
Tot Ion:101 Resp: 54991

Ion Ratio Lower Upper

101 100

85 46.2 35.8 53.6

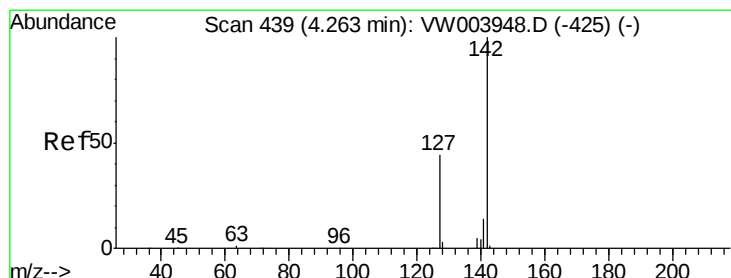
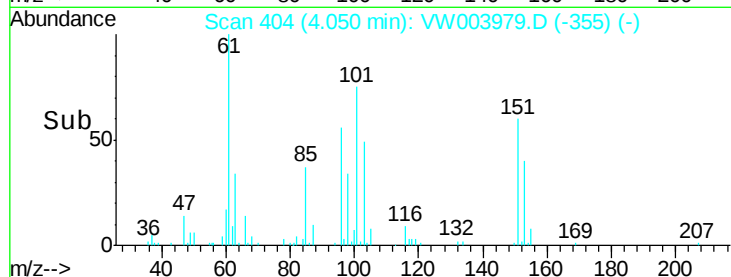
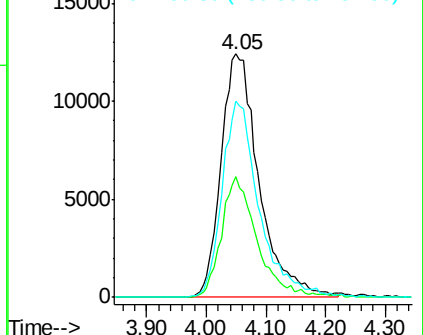
151 78.4 63.6 95.4



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: 21.40 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

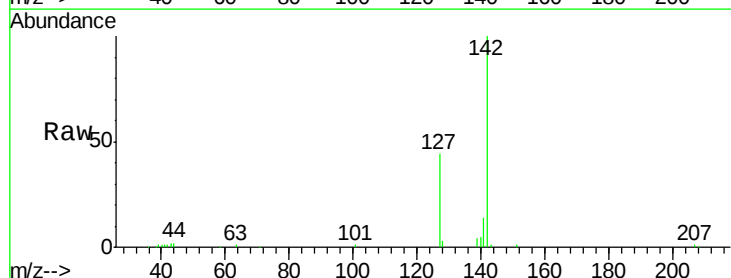
Tgt Ion:142 Resp: 77070

Ion Ratio Lower Upper

142 100

127 45.2 35.4 53.2

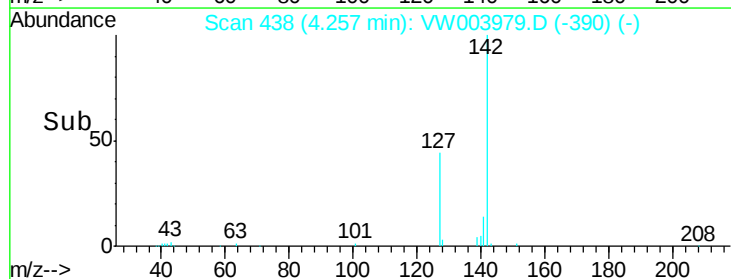
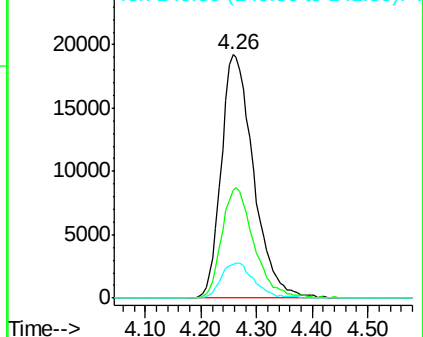
141 14.8 11.7 17.5

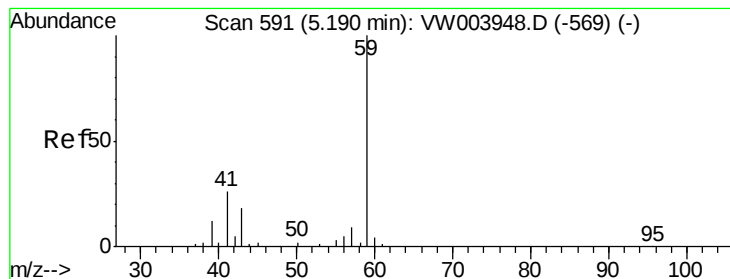


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



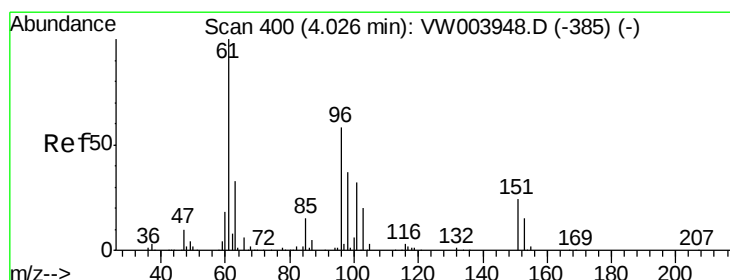
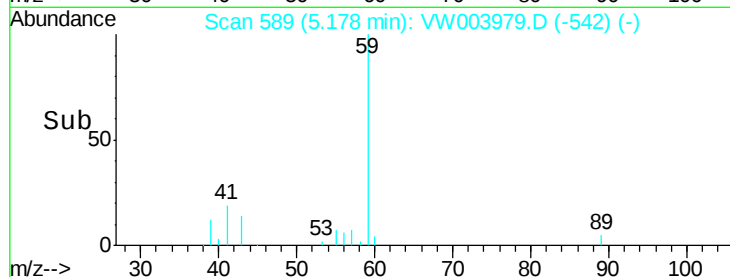
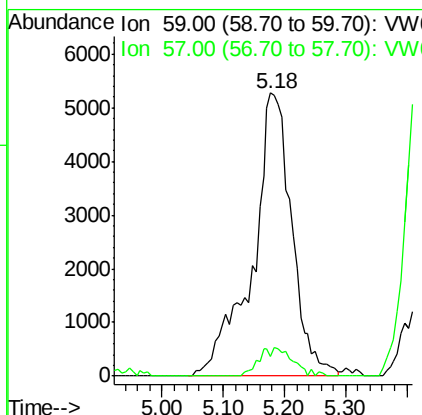
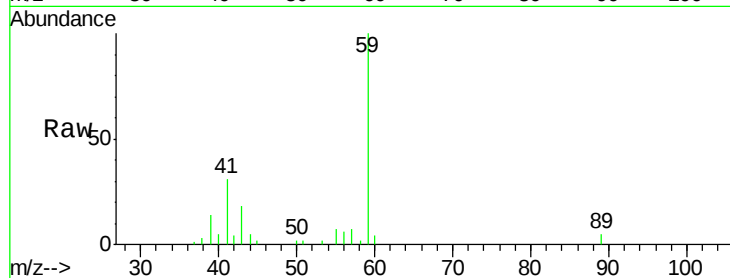


#11

Tert butyl alcohol
 Concen: 120.32 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

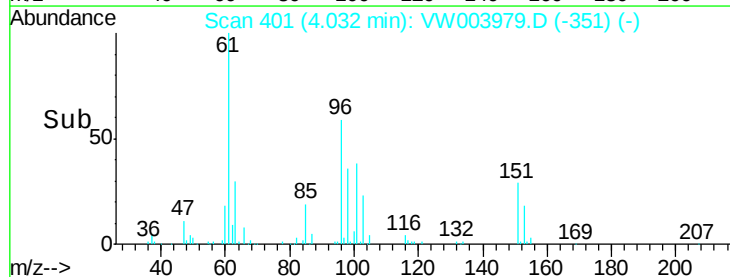
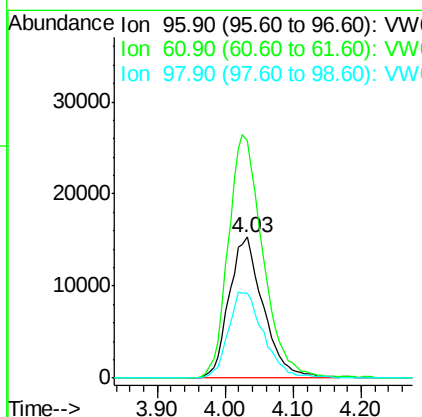
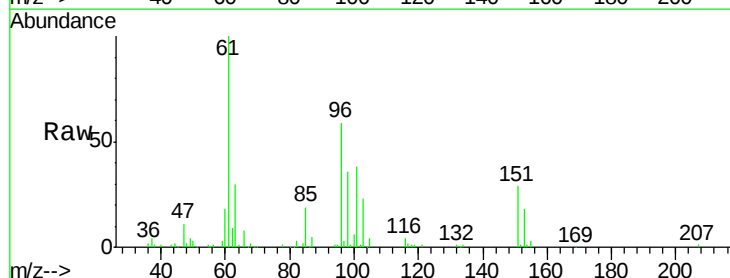
Tot Ion: 59 Resp: 23632
 Ion Ratio Lower Upper
 59 100
 57 3.5 8.5 12.7#

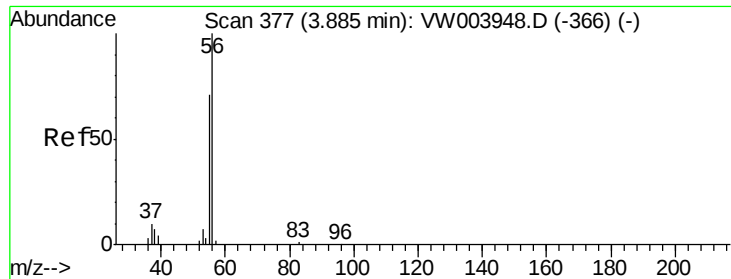


#12

1,1-Dichloroethene
 Concen: 21.61 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion: 96 Resp: 53467
 Ion Ratio Lower Upper
 96 100
 61 168.6 137.0 205.6
 98 60.5 50.2 75.4





#13

Acrolein

Concen: 101.91 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

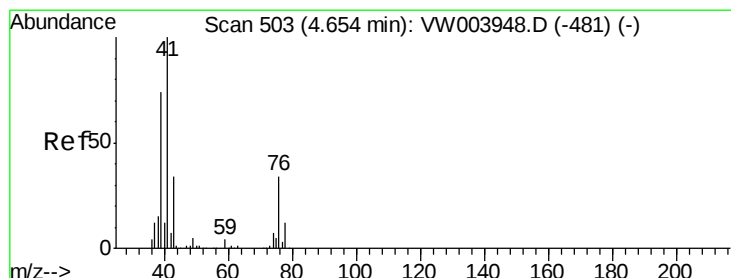
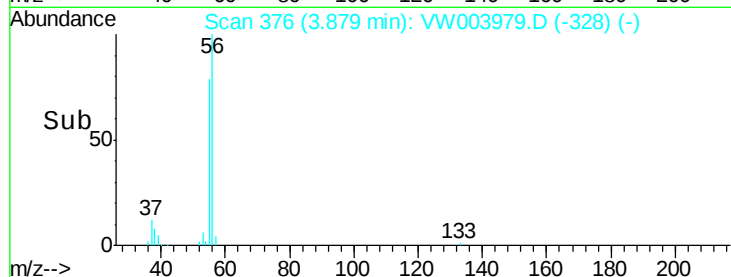
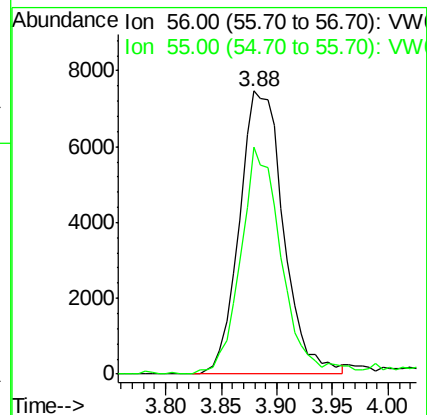
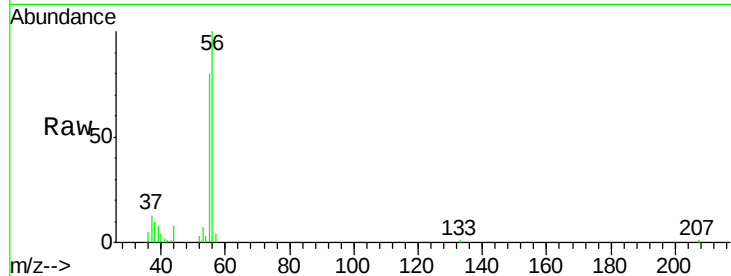
VW0717SBS01

Tot Ion: 56 Resp: 20567

Ion Ratio Lower Upper

56 100

55 72.3 58.2 87.4



#14

Allyl chloride

Concen: 21.58 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

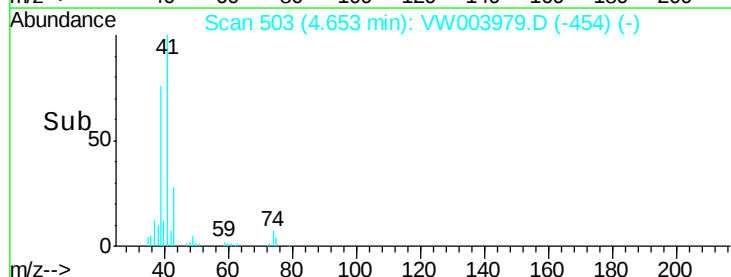
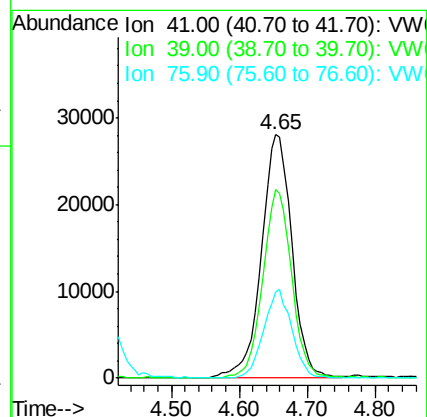
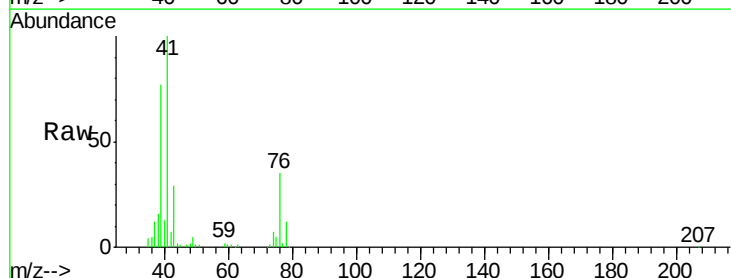
Tgt Ion: 41 Resp: 88105

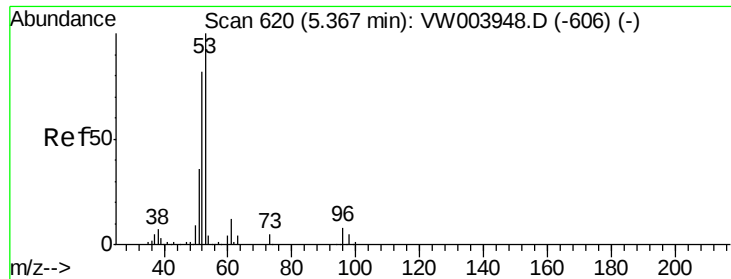
Ion Ratio Lower Upper

41 100

39 73.4 57.0 85.4

76 33.6 26.5 39.7





#15

Acrylonitrile

Concen: 101.58 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

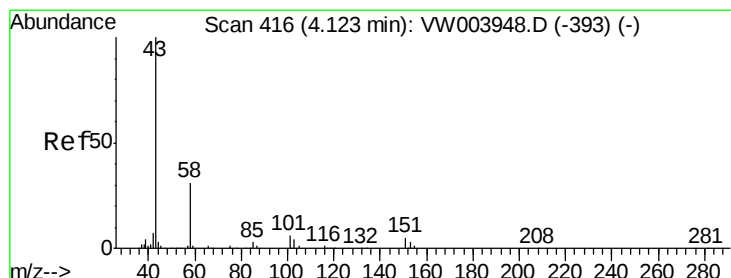
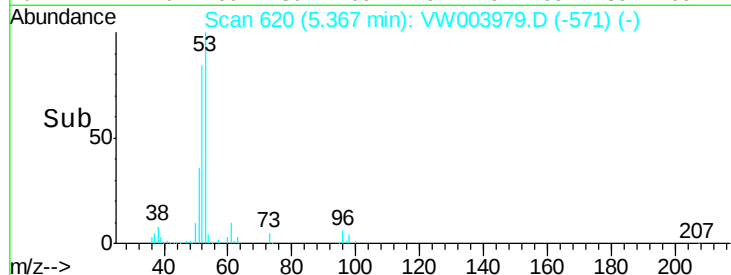
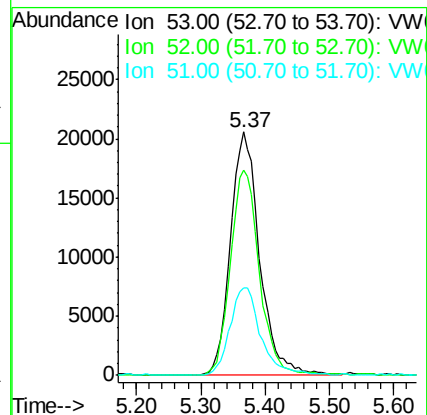
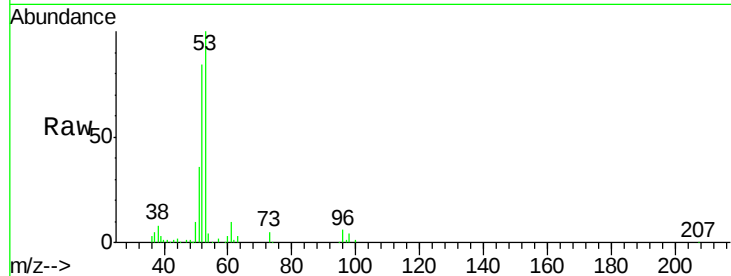
Tot Ion: 53 Resp: 65642

Ion Ratio Lower Upper

53 100

52 83.1 66.1 99.1

51 37.9 29.8 44.6



#16

Acetone

Concen: 102.30 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW003979.D

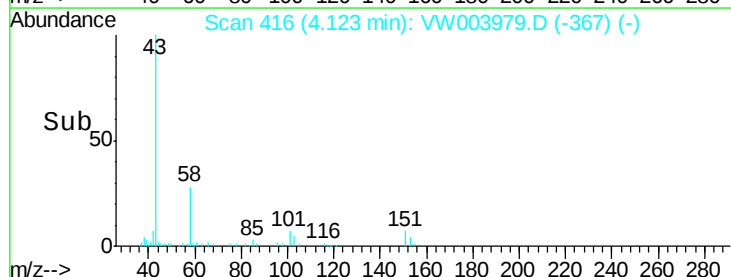
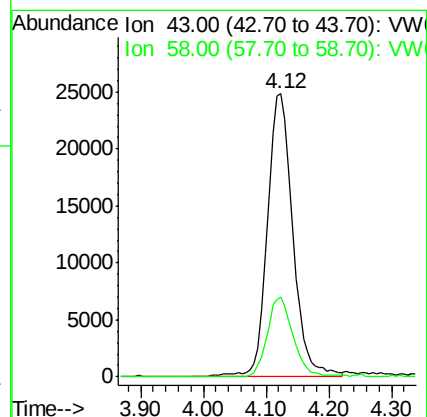
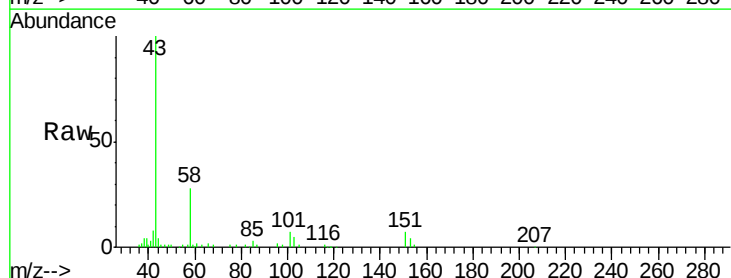
Acq: 17 Jul 2018 12:42

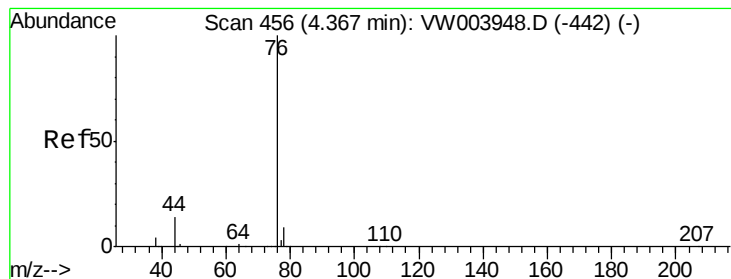
Tgt Ion: 43 Resp: 69943

Ion Ratio Lower Upper

43 100

58 28.0 24.5 36.7





#17

Carbon Disulfide

Concen: 21.94 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

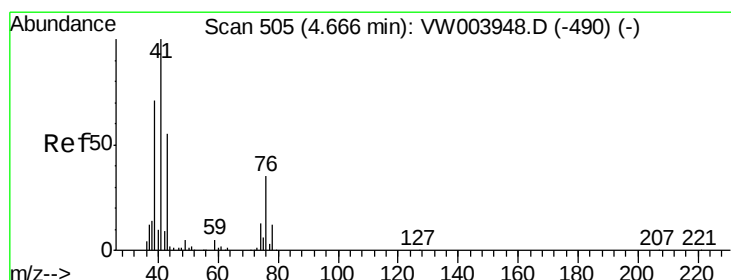
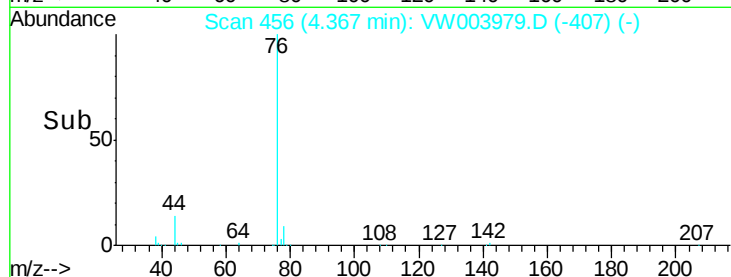
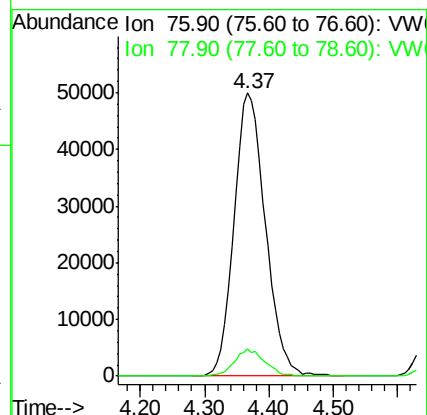
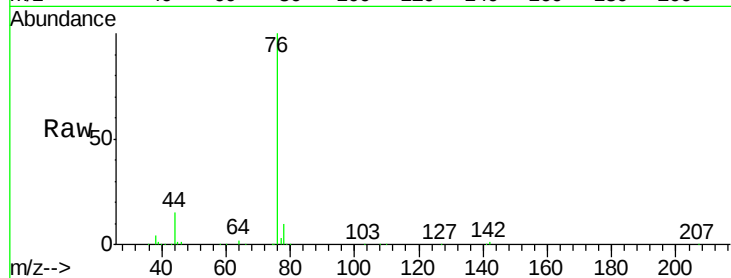
VW0717SBSD01

Tot Ion: 76 Resp: 169432

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



#18

Methyl Acetate

Concen: 18.90 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW003979.D

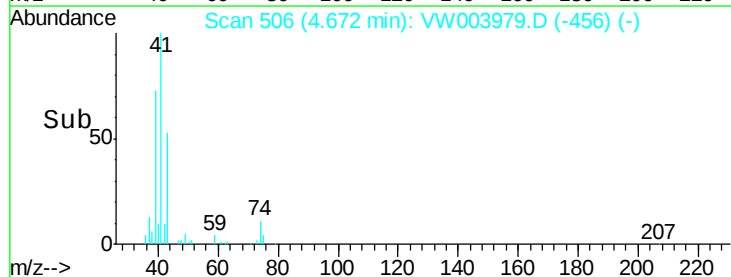
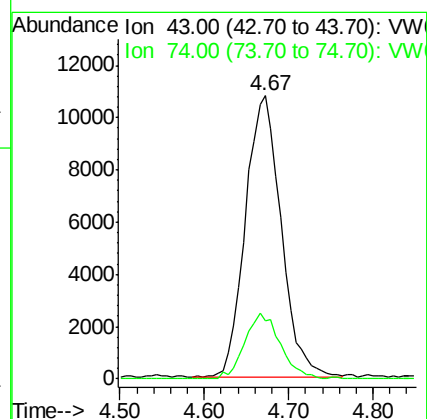
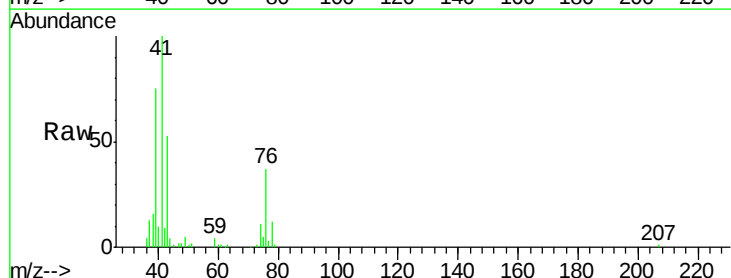
Acq: 17 Jul 2018 12:42

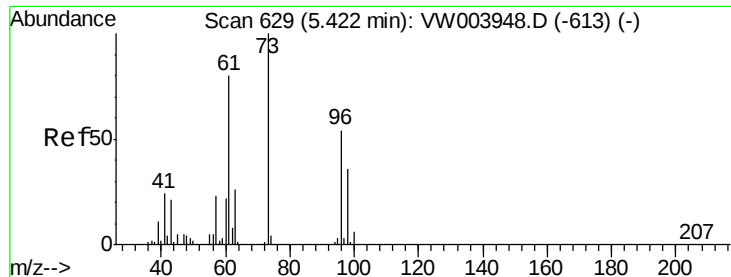
Tgt Ion: 43 Resp: 31021

Ion Ratio Lower Upper

43 100

74 23.2 17.7 26.5

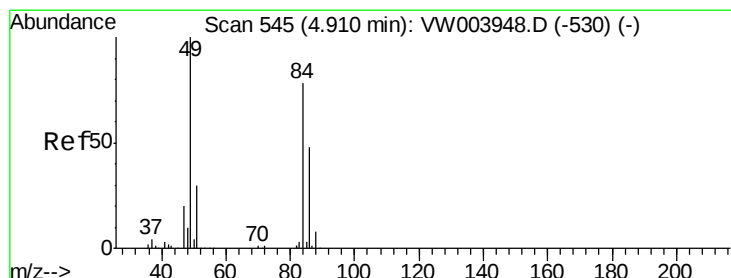
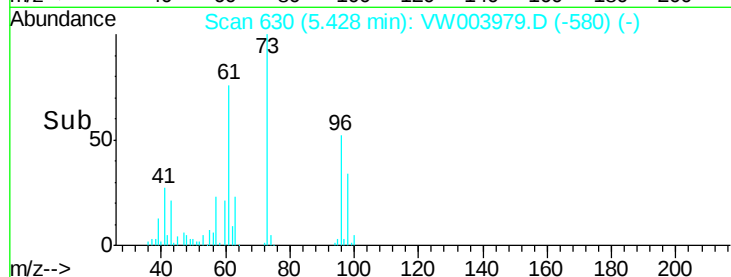
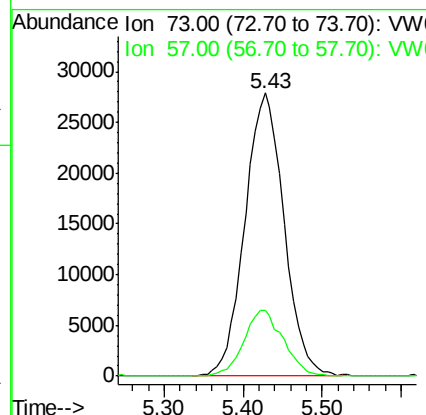
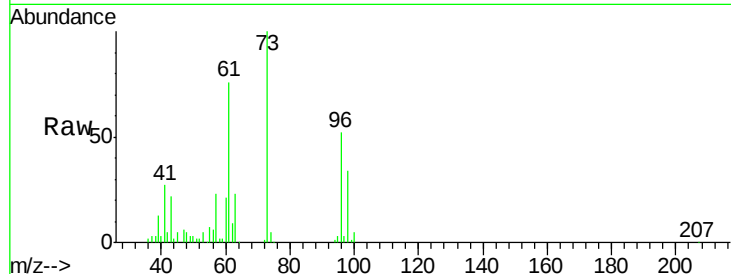




#19
Methvl tert-butvl Ether
Concen: 20.30 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

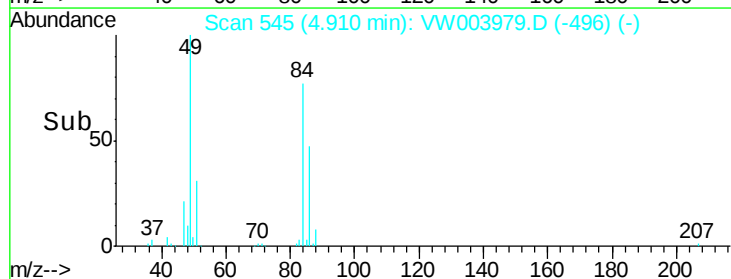
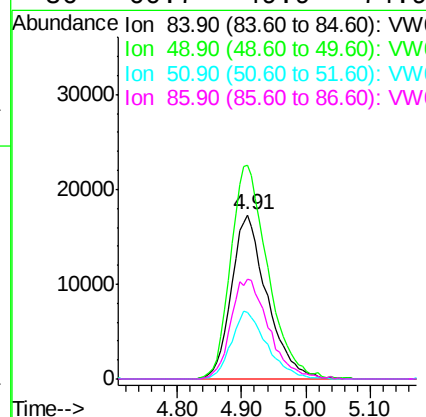
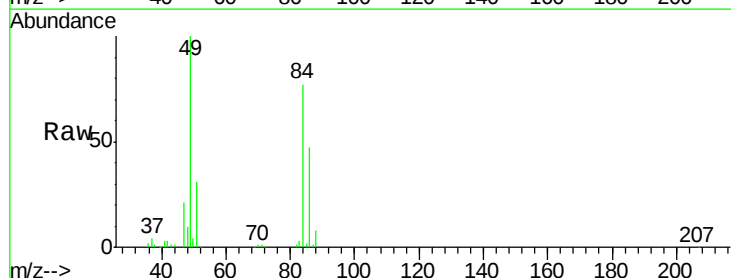
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

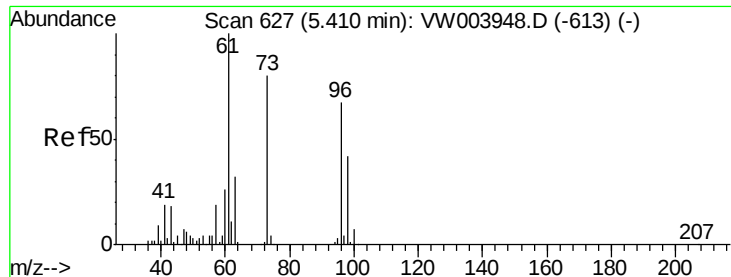
Tot Ion: 73 Resp: 96243
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4



#20
Methylene Chloride
Concen: 16.99 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 84 Resp: 66945
Ion Ratio Lower Upper
84 100
49 130.4 102.9 154.3
51 40.3 30.9 46.3
86 60.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.16 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

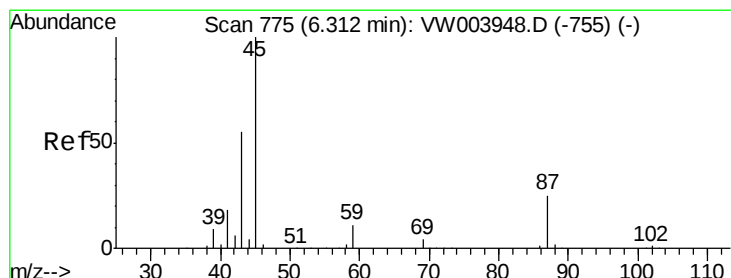
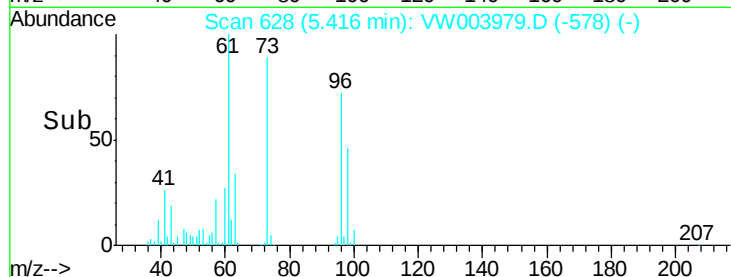
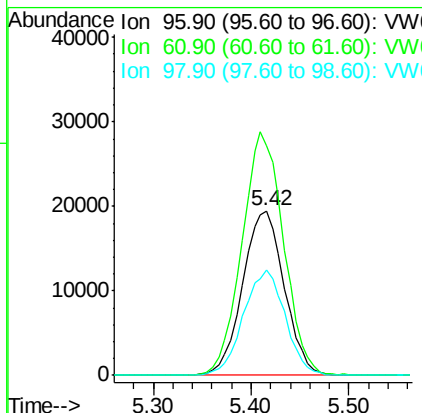
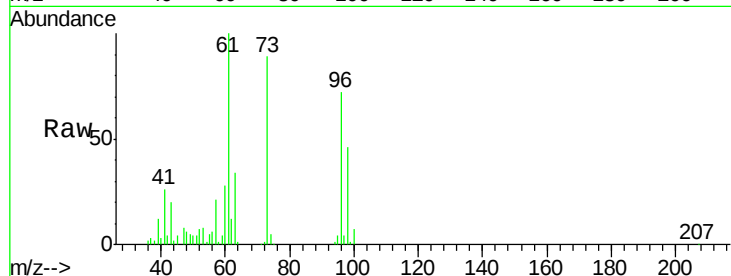
Tot Ion: 96 Resp: 57387

Ion Ratio Lower Upper

96 100

61 139.7 119.0 178.4

98 64.3 49.9 74.9



#22

Diisopropyl ether

Concen: 22.22 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion: 45 Resp: 183370

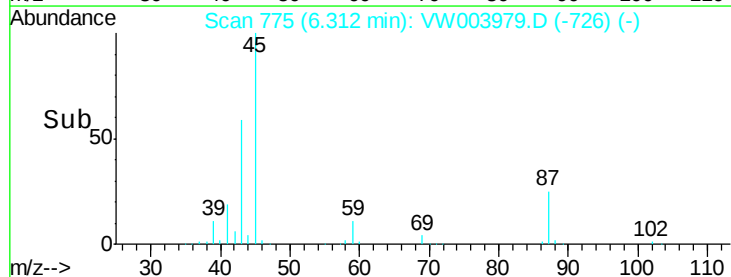
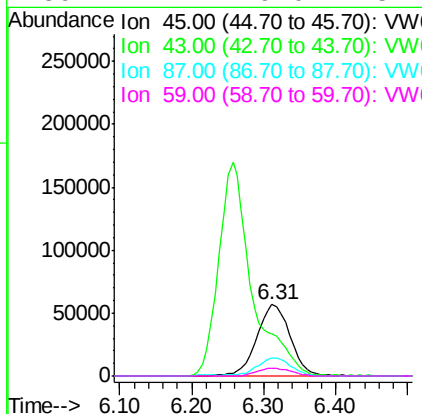
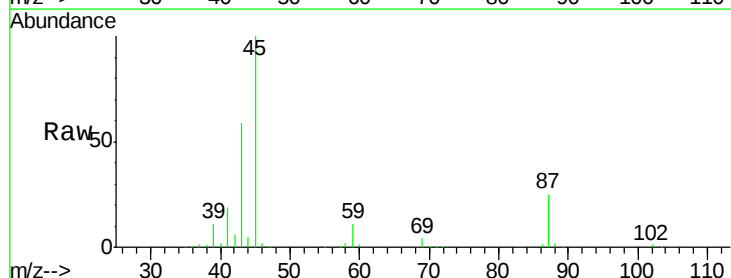
Ion Ratio Lower Upper

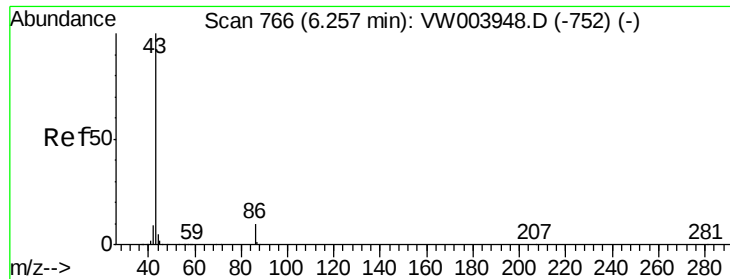
45 100

43 58.5 44.3 66.5

87 24.8 20.2 30.4

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 104.59 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

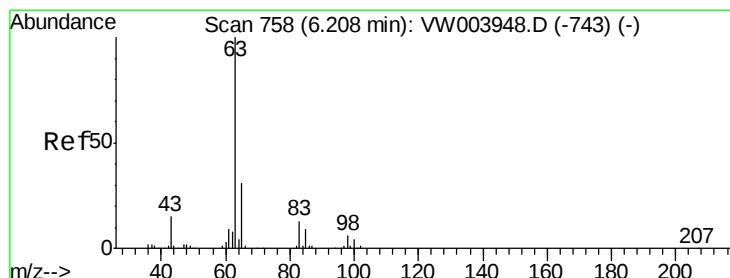
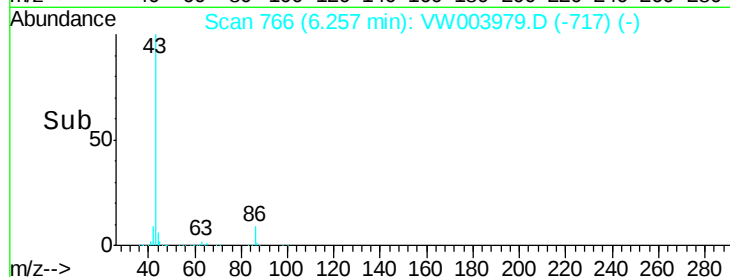
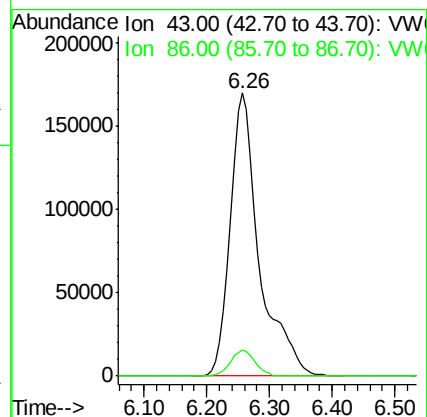
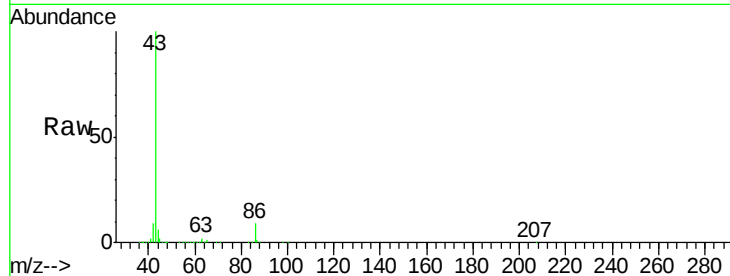
VW0717SBS01

Tot Ion: 43 Resp: 546880

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



#24

1,1-Dichloroethane

Concen: 21.44 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

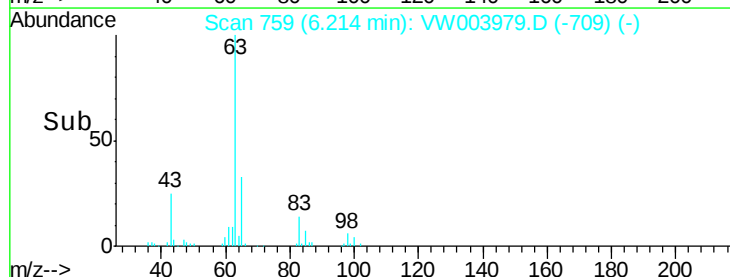
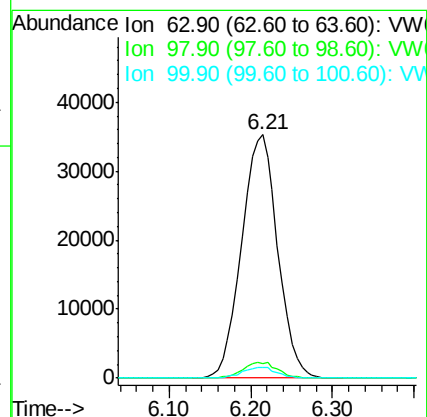
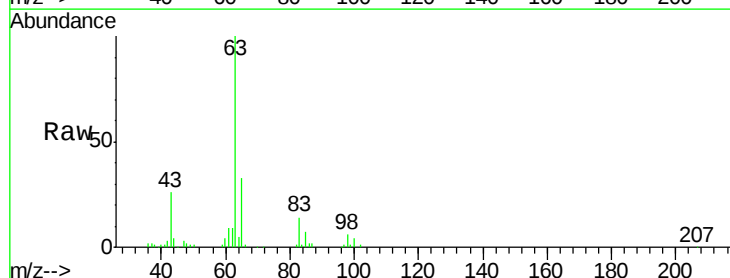
Tgt Ion: 63 Resp: 107973

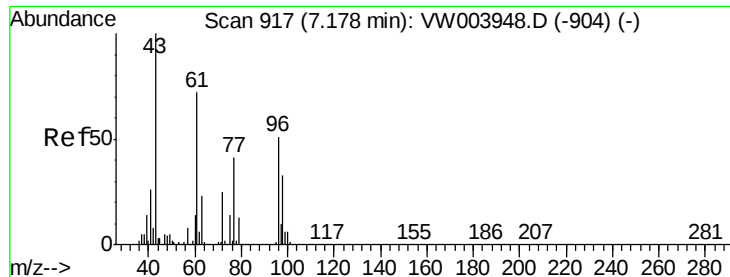
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 100.43 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

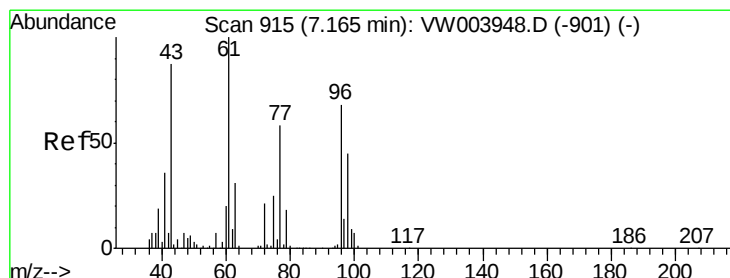
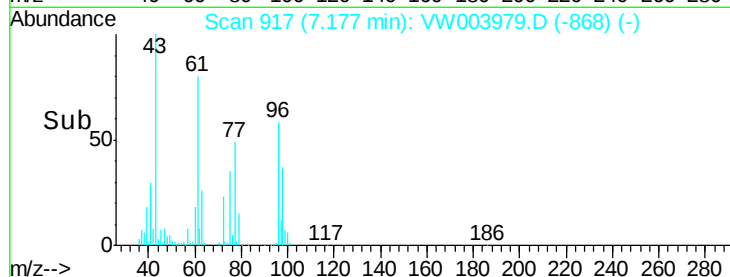
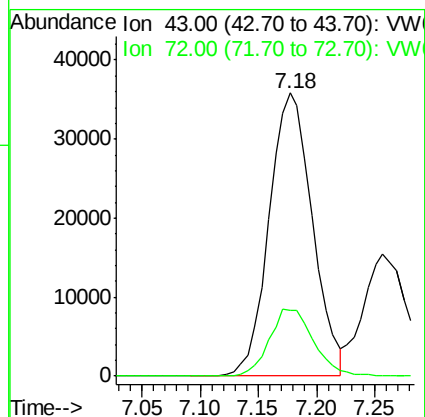
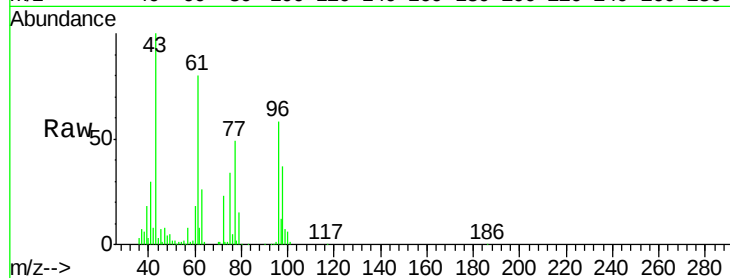
VW0717SBS01

Tot Ion: 43 Resp: 92402

Ion Ratio Lower Upper

43 100

72 23.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 22.20 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003979.D

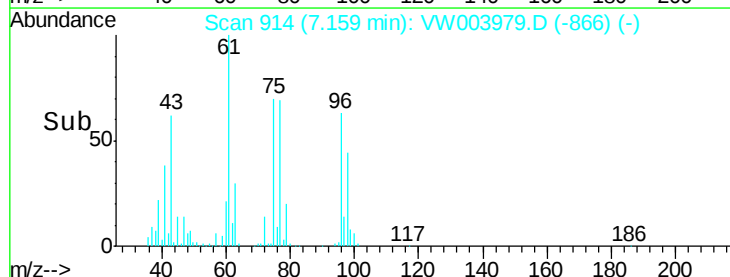
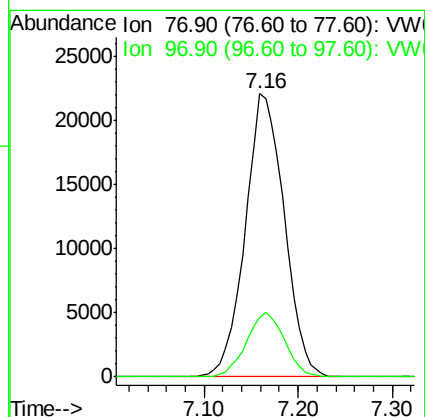
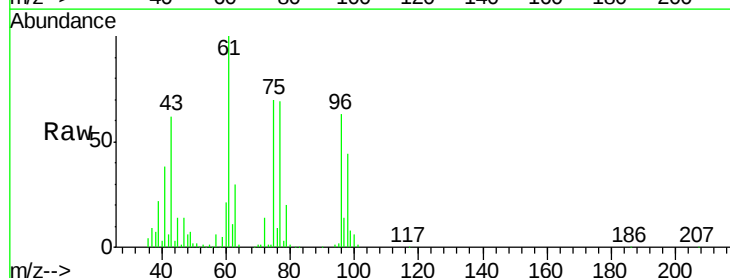
Acq: 17 Jul 2018 12:42

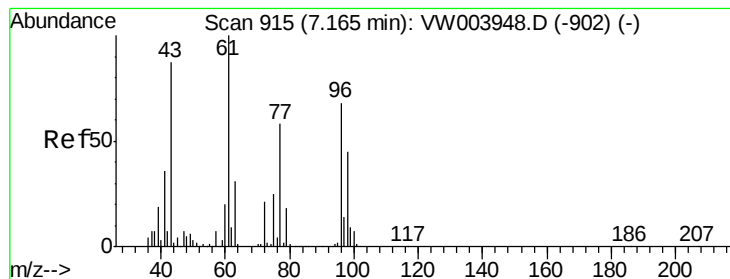
Tgt Ion: 77 Resp: 64169

Ion Ratio Lower Upper

77 100

97 22.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.99 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

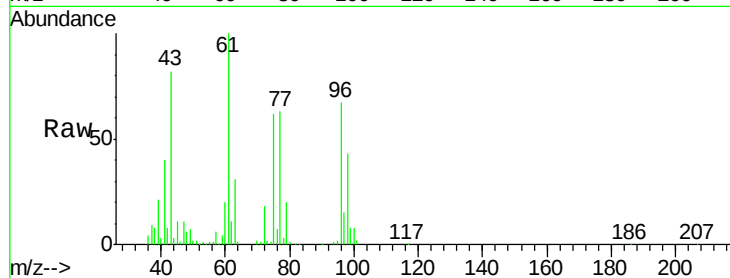
Tot Ion: 96 Resp: 61540

Ion Ratio Lower Upper

96 100

61 150.1 0.0 298.6

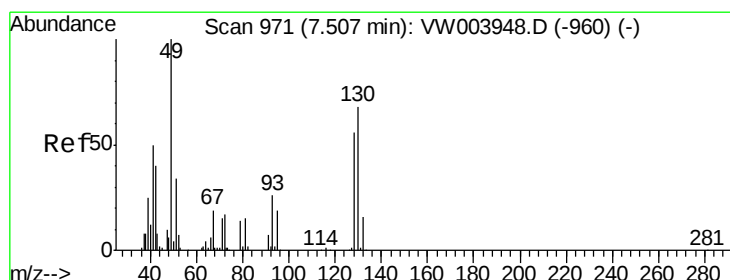
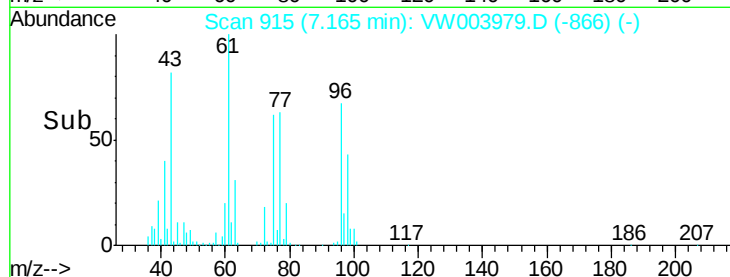
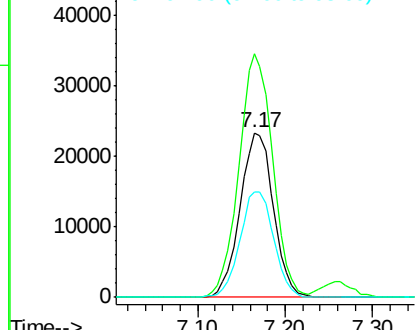
98 64.8 0.0 130.4



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: 21.25 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

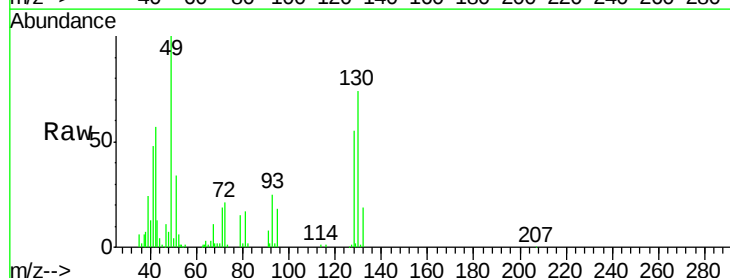
Tgt Ion: 49 Resp: 43780

Ion Ratio Lower Upper

49 100

129 1.4 0.0 2.2

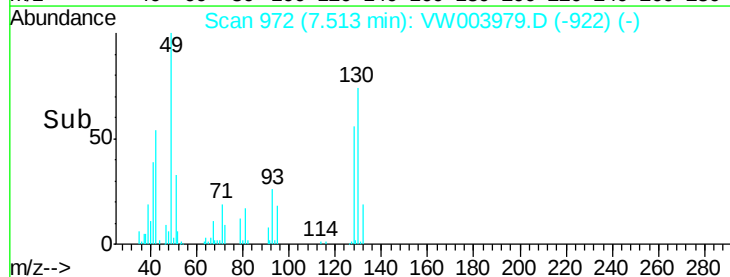
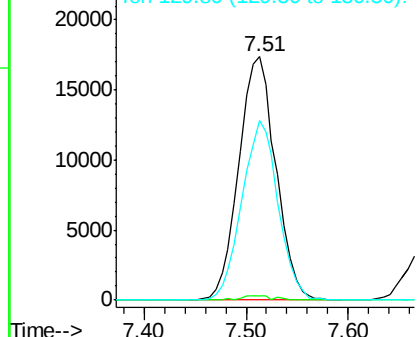
130 72.2 58.3 87.5

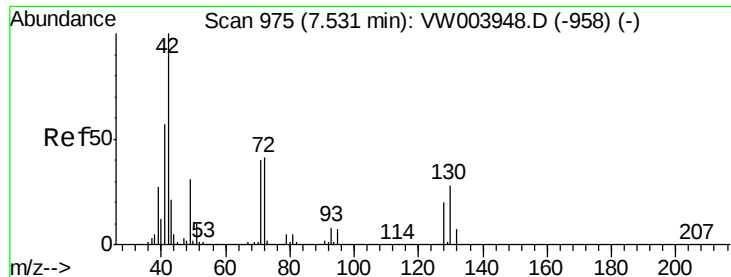


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

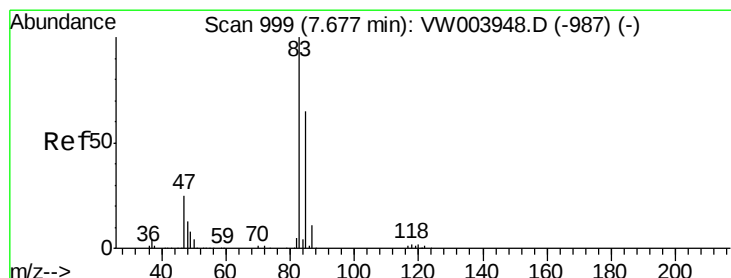
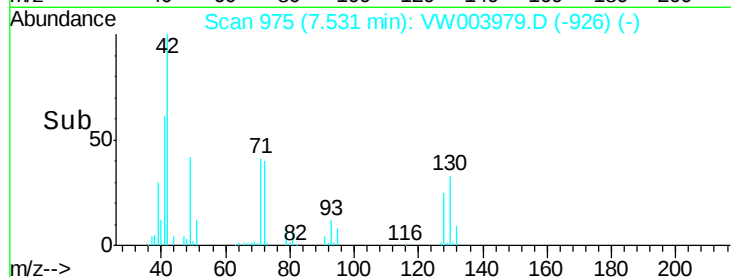
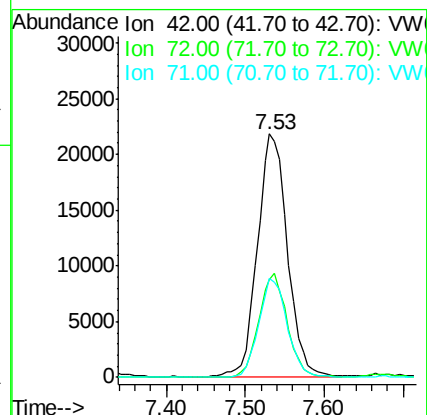
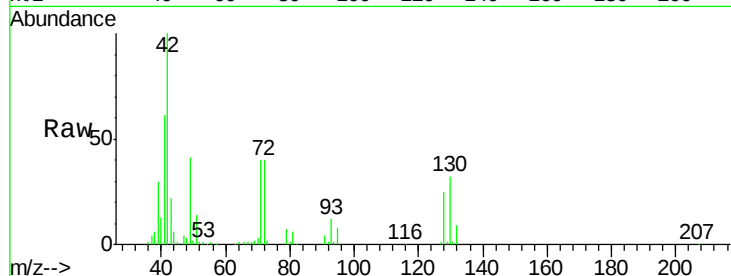




#29
Tetrahydrofuran
Concen: 101.11 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

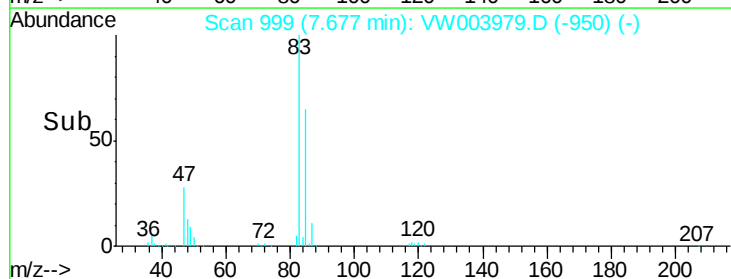
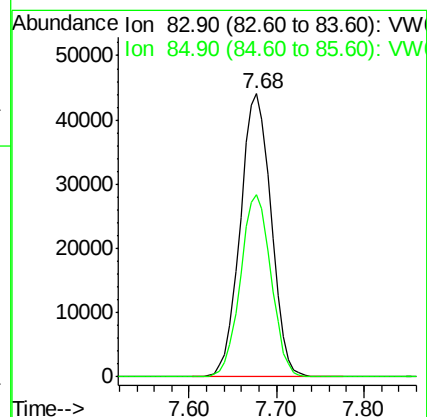
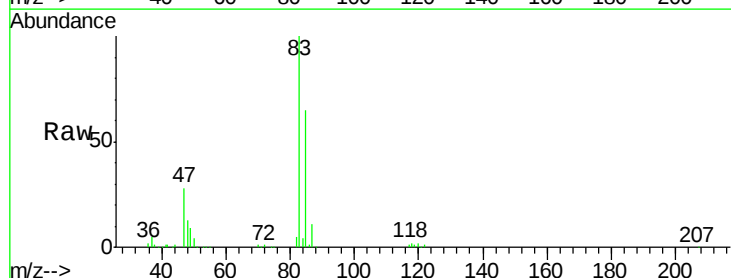
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

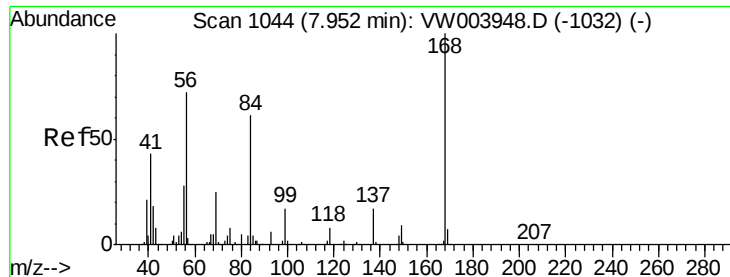
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.6	48.8
71	38.5	30.5	45.7



#30
Chloroform
Concen: 21.57 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4





#31

Cyclohexane

Concen: 21.33 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampled :

VW0717SBSD01

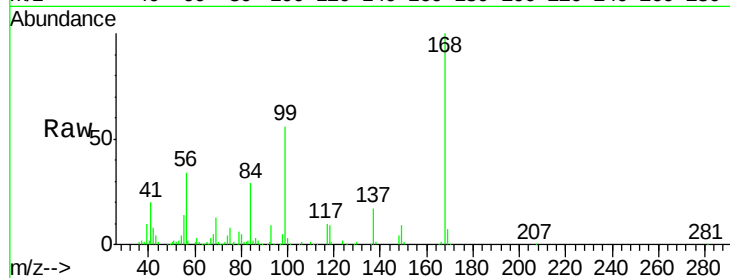
Tot Ion: 56 Resp: 100674

Ion Ratio Lower Upper

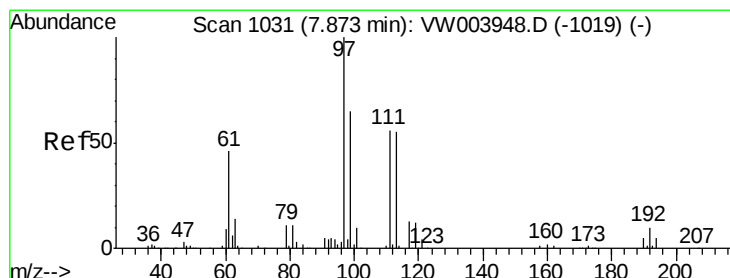
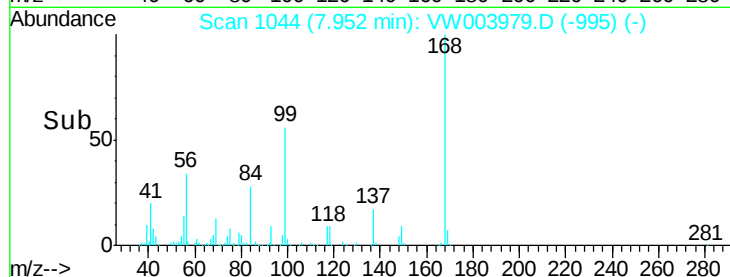
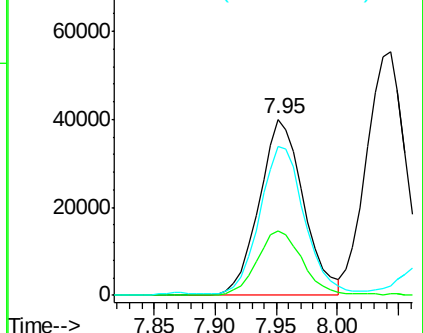
56 100

69 36.9 27.8 41.8

84 83.0 67.2 100.8



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



#32

1,1,1-Trichloroethane

Concen: 21.94 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

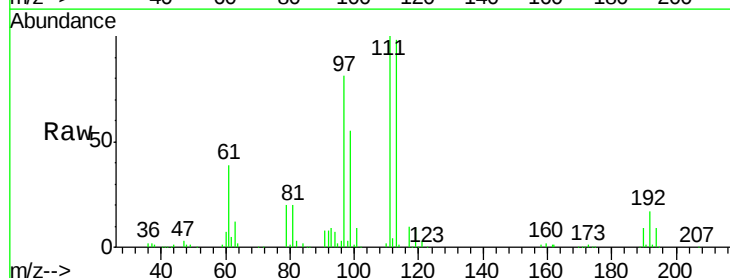
Tgt Ion: 97 Resp: 85808

Ion Ratio Lower Upper

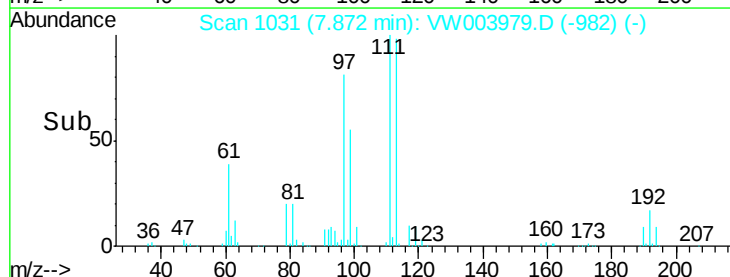
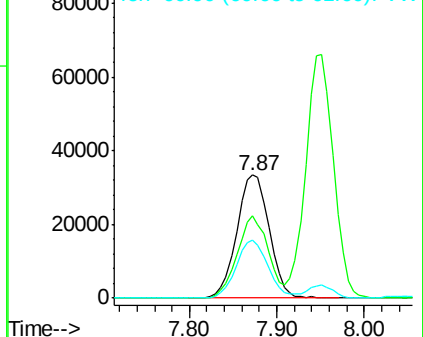
97 100

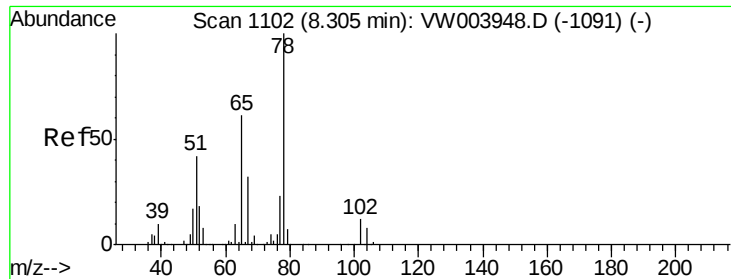
99 64.6 51.3 76.9

61 46.1 36.8 55.2



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

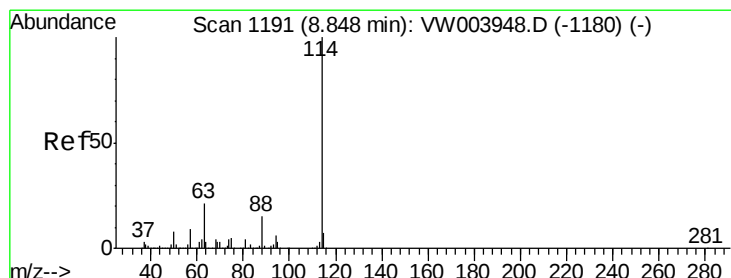
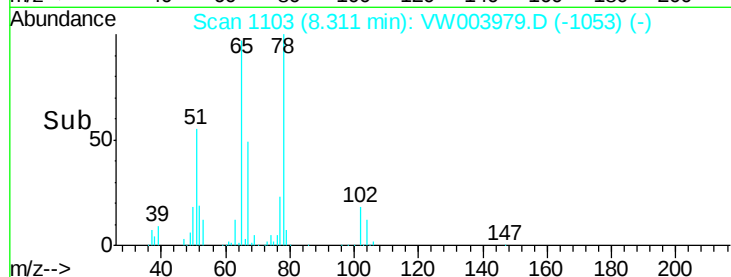
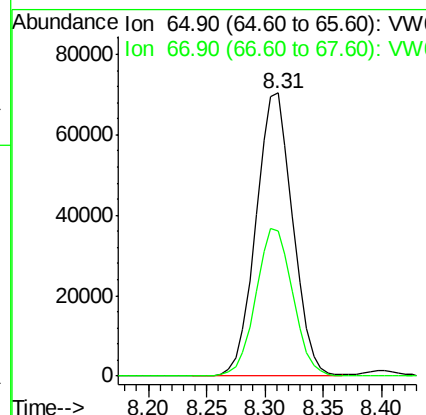
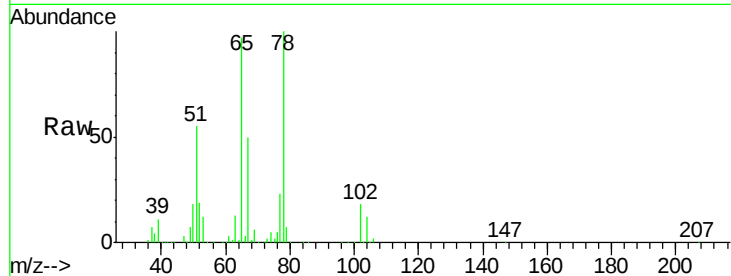




#33
 1,2-Dichloroethane-d4
 Concen: 54.22 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

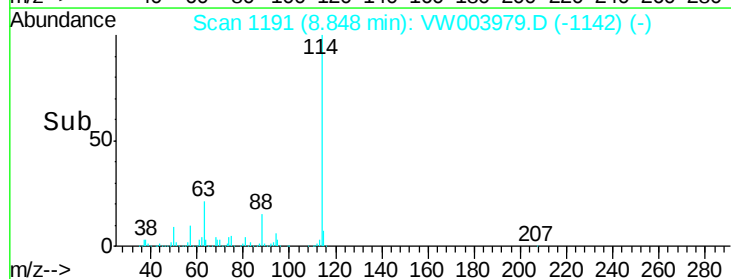
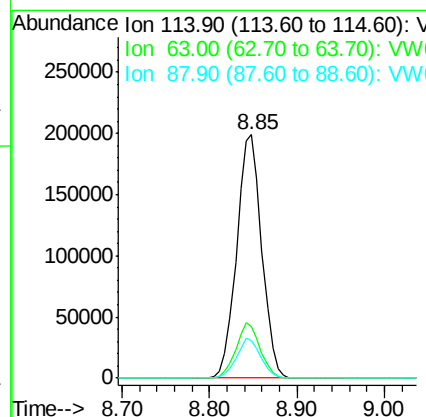
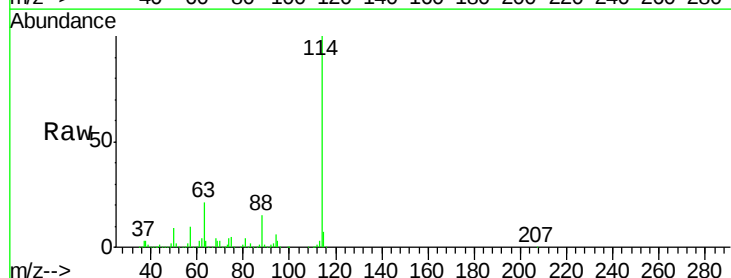
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

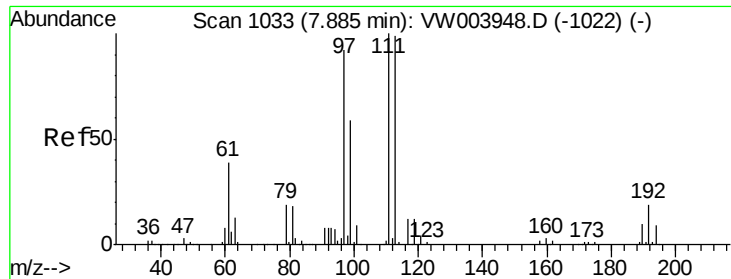
Tot Ion: 65 Resp: 154257
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion: 114 Resp: 395148
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 15.3 0.0 30.4

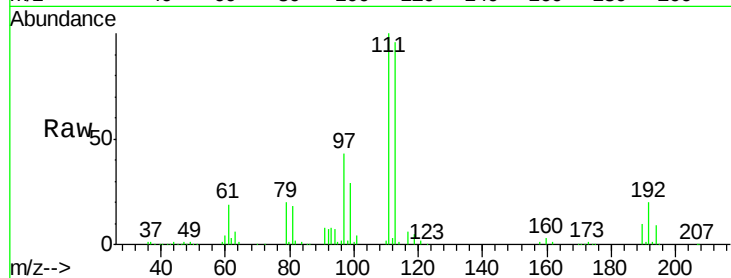




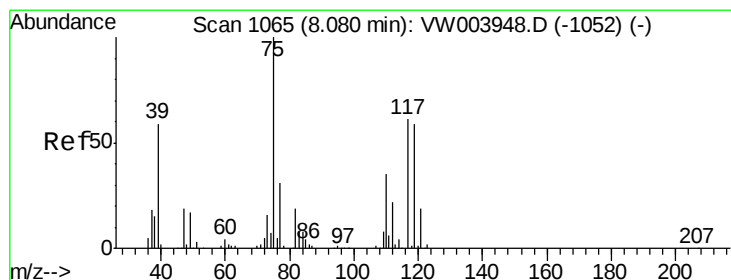
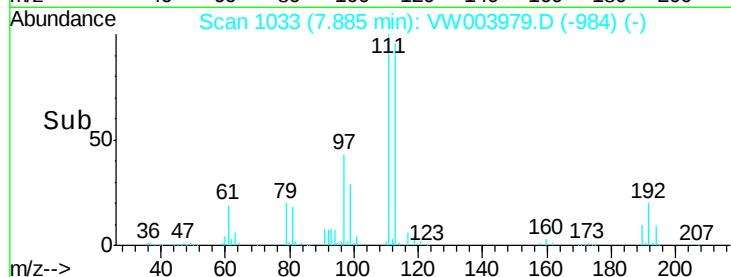
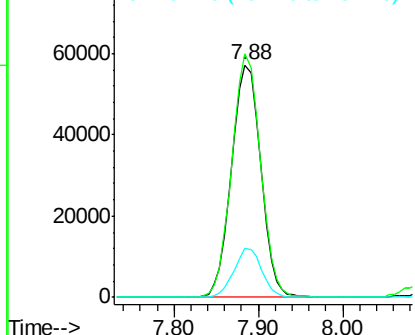
#35
 Dibromofluoromethane
 Concen: 53.16 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	20.0	15.8	23.6

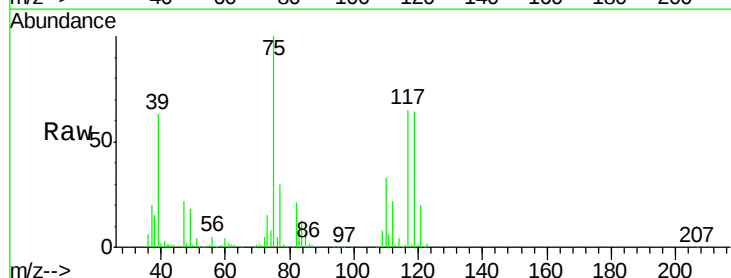


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

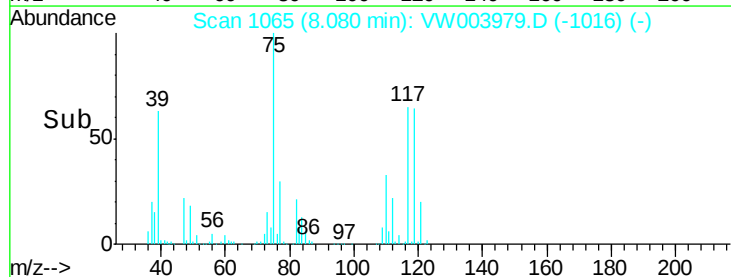
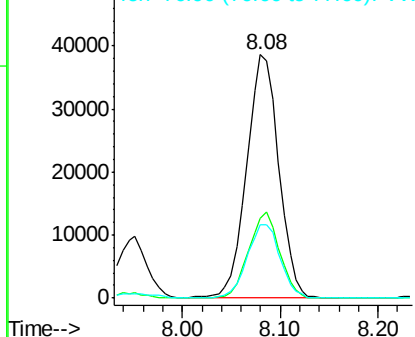


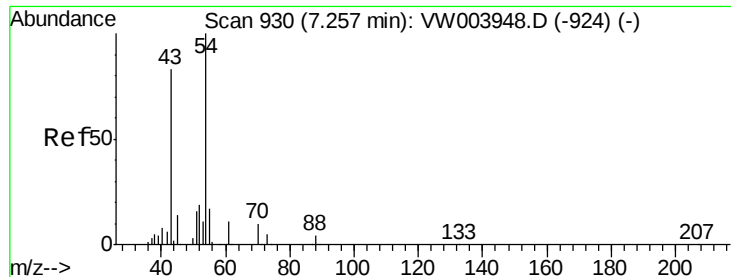
#36
 1,1-Dichloropropene
 Concen: 21.65 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.0	51.0
77	31.3	24.9	37.3



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

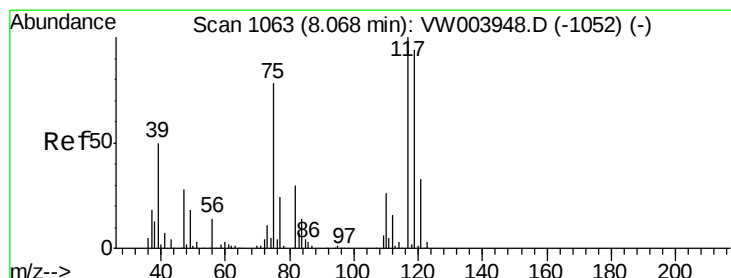
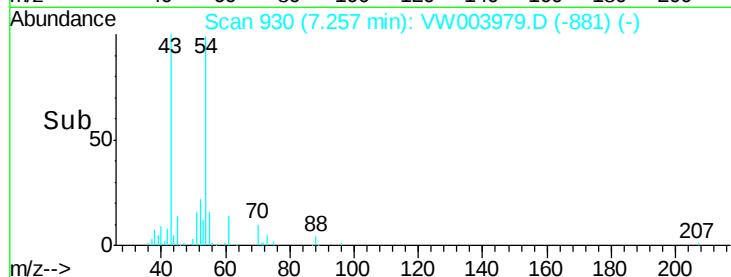
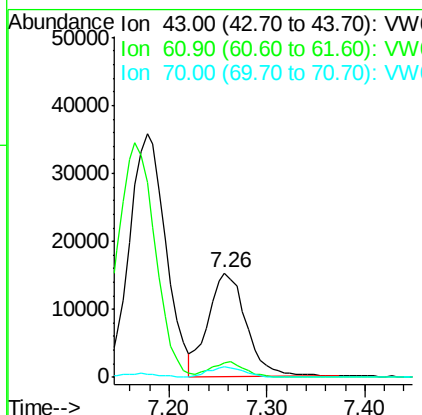
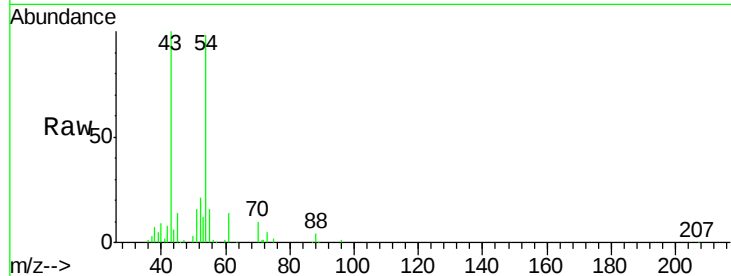




#37
Ethyl Acetate
Concen: 20.94 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

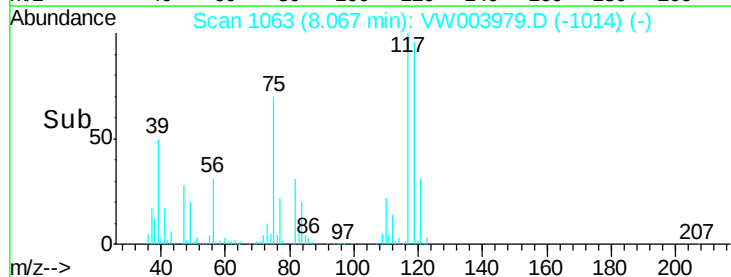
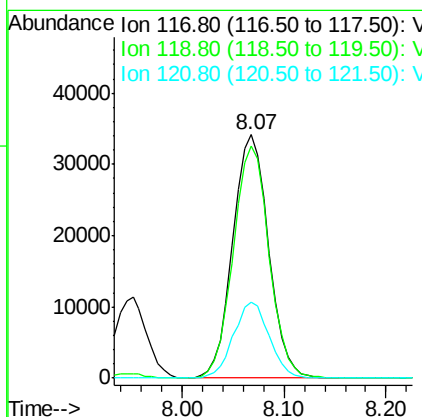
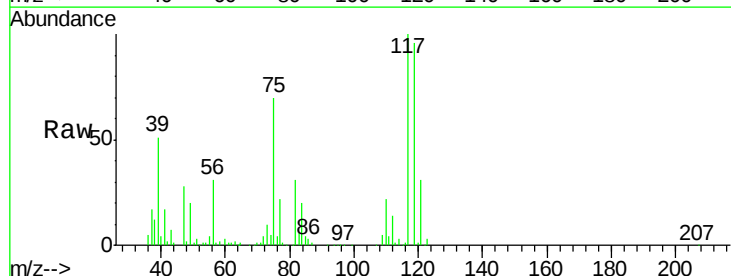
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

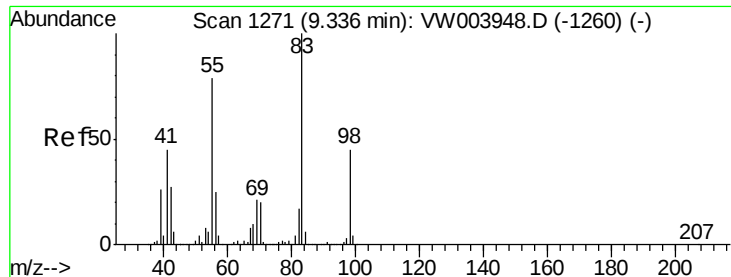
Tot Ion: 43 Resp: 41063
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.89 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 117 Resp: 83144
Ion Ratio Lower Upper
117 100
119 95.5 75.3 112.9
121 31.1 26.0 39.0

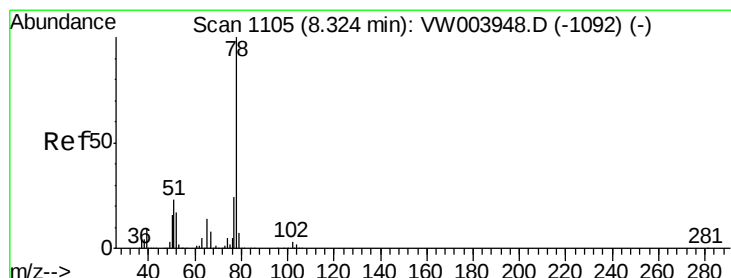
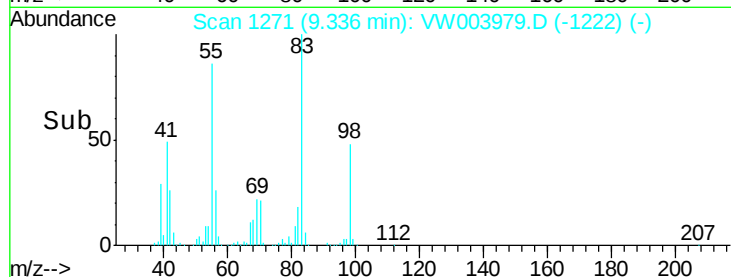
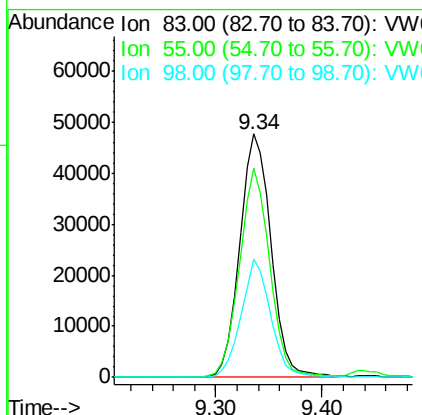
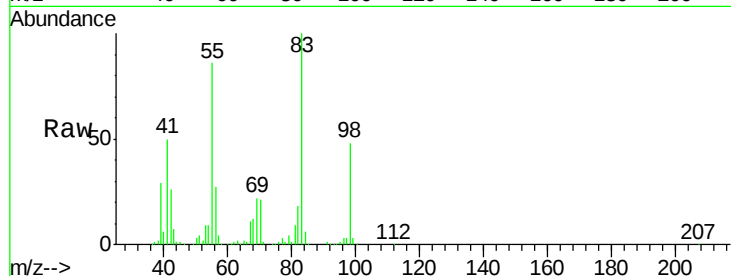




#39
Methvlcvclohexane
Concen: 20.74 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

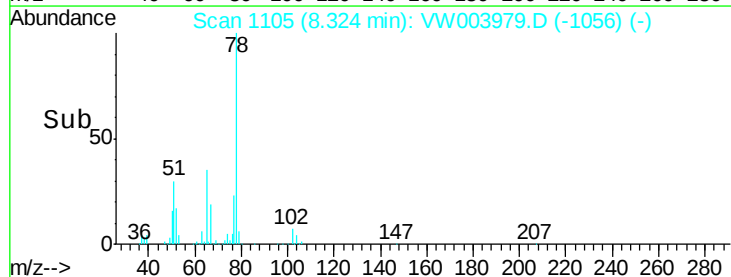
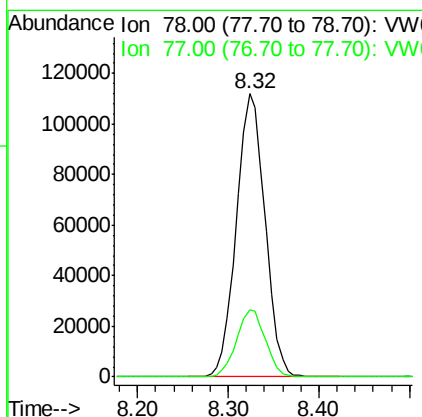
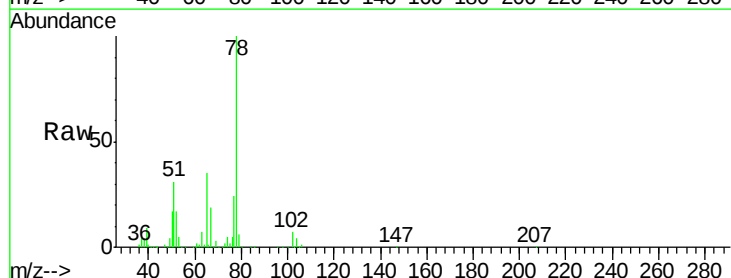
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

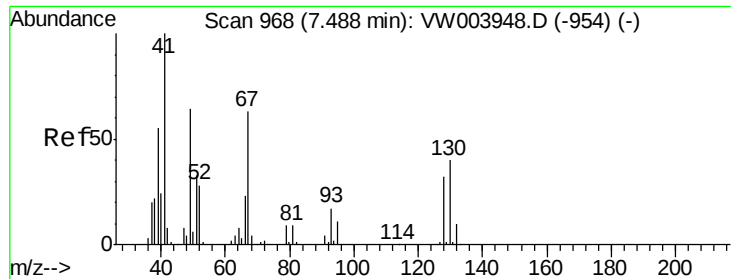
Tot Ion: 83 Resp: 98734
Ion Ratio Lower Upper
83 100
55 85.7 62.8 94.2
98 48.4 36.2 54.4



#40
Benzene
Concen: 21.75 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 78 Resp: 245303
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

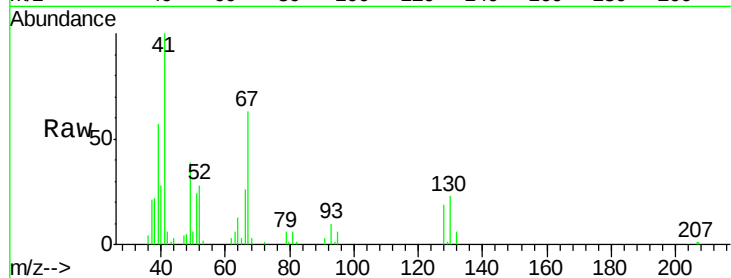




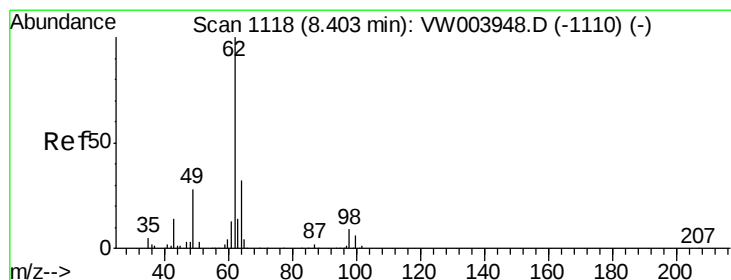
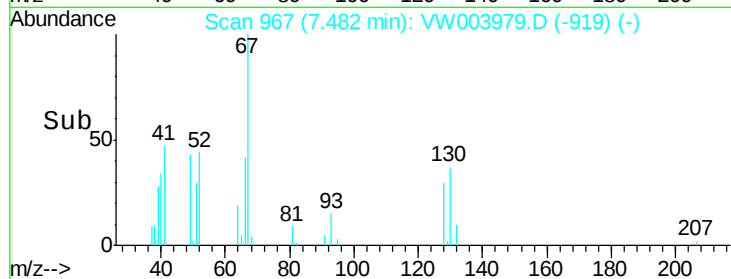
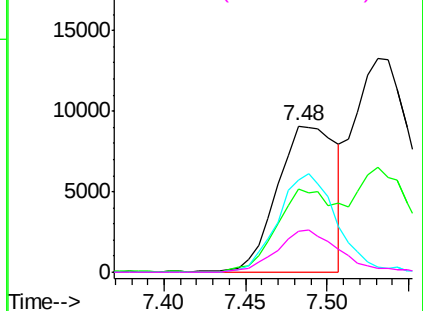
#41
Methacrylonitrile
Concen: 21.02 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion:	41	Resp:	22835
Ion	Ratio	Lower	Upper
41	100		
39	61.8	50.0	75.0
67	66.9	60.8	91.2
52	30.8	26.2	39.4

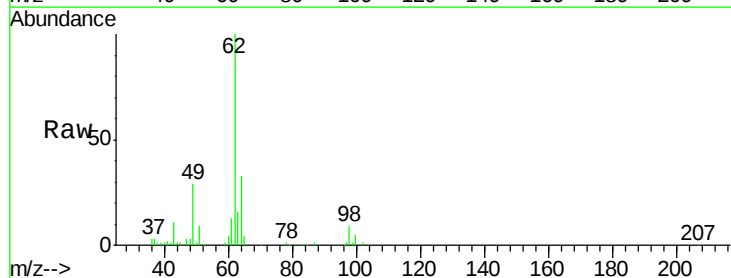


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

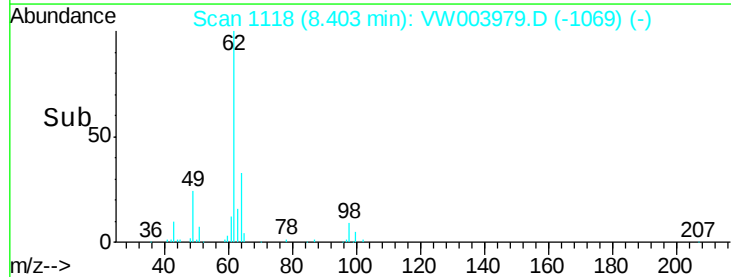
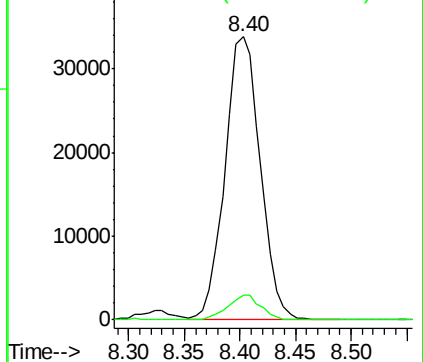


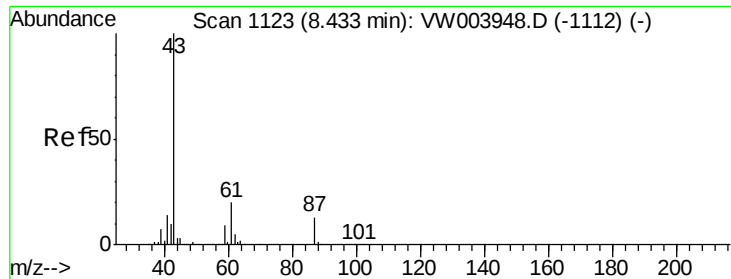
#42
1,2-Dichloroethane
Concen: 21.62 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion:	62	Resp:	74383
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.4



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



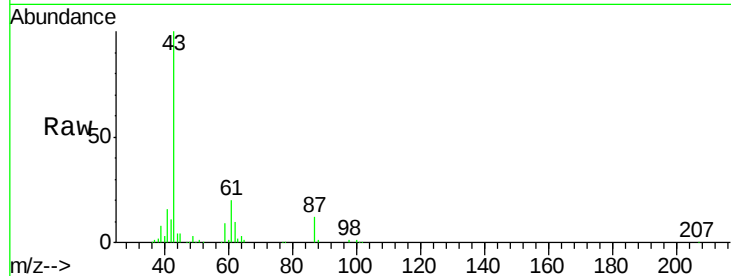


#43

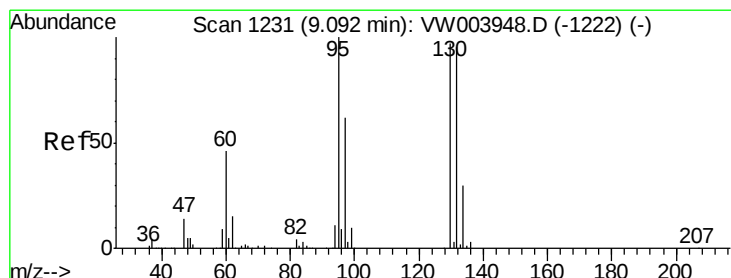
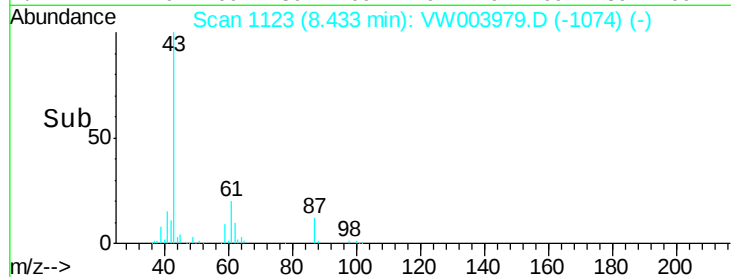
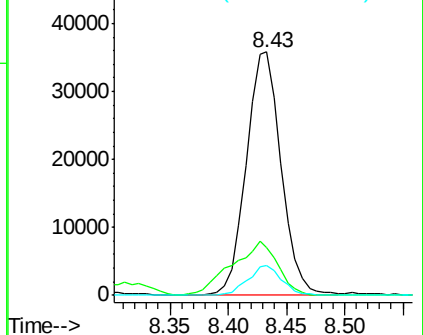
Isopropyl Acetate
 Concen: 20.44 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	43	Resp	74968
Ion Ratio	Lower	Upper	
43	100		
61	29.1	23.0	34.6
87	11.8	9.9	14.9



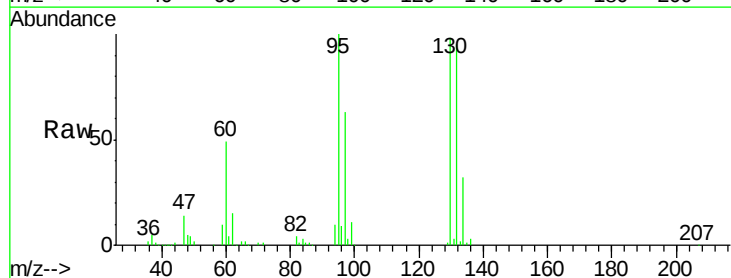
Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 87.00 (86.70 to 87.70): VW



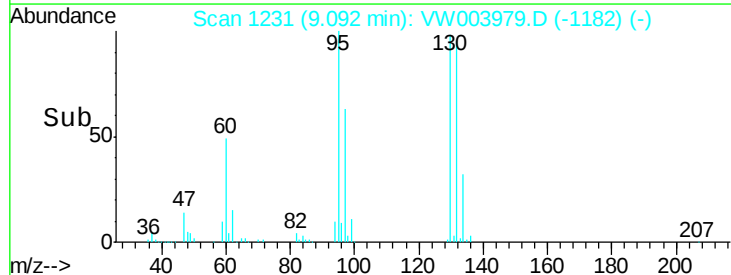
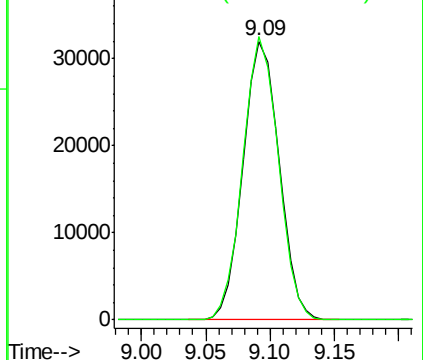
#44

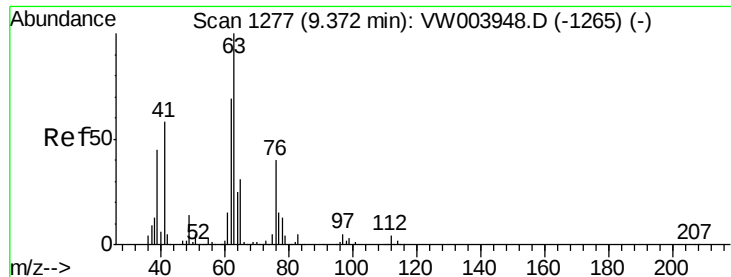
Trichloroethene
 Concen: 21.28 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	130	Resp	62211
Ion Ratio	Lower	Upper	
130	100		
95	101.5	0.0	206.8



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

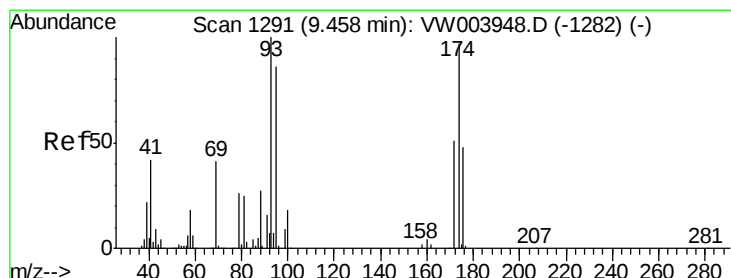
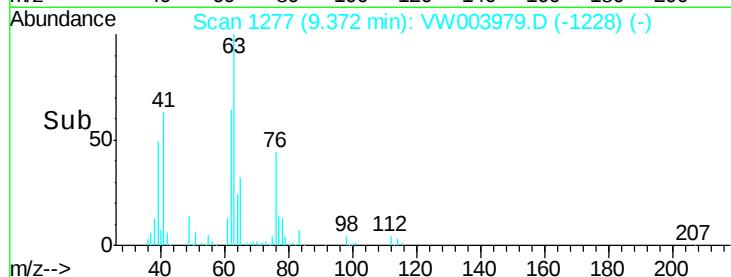
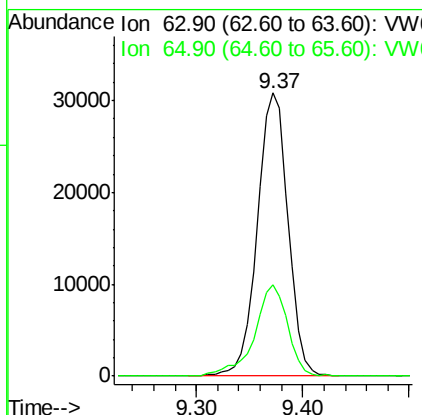
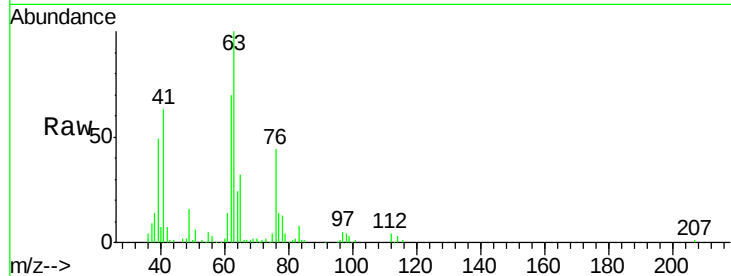




#45
 1,2-Dichloropropane
 Concen: 21.67 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

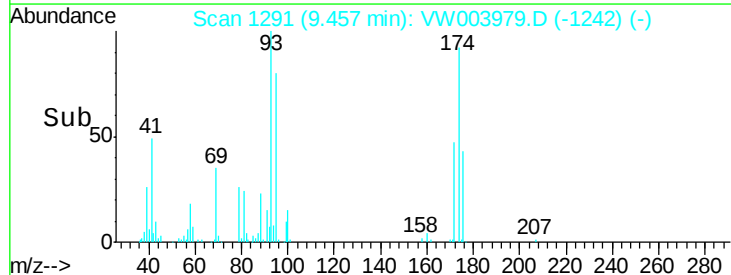
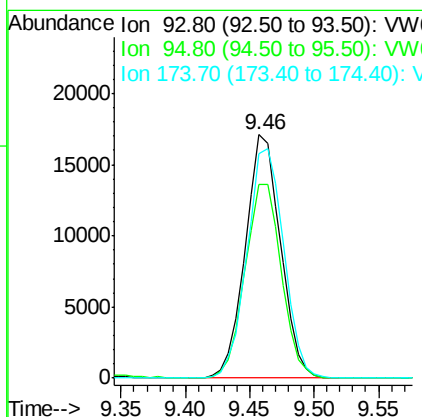
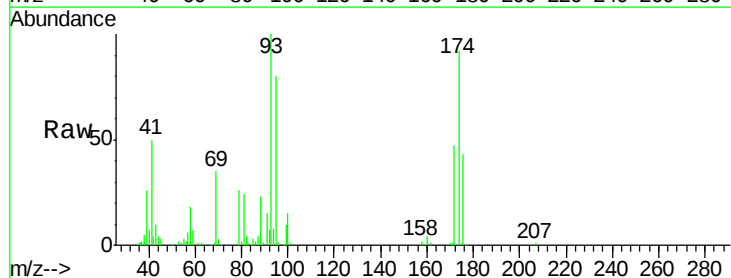
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

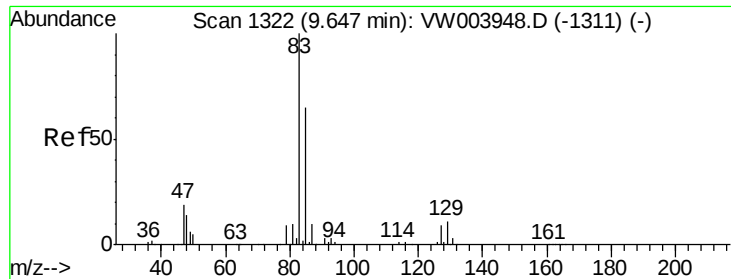
Tot Ion: 63 Resp: 62377
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.8 37.2



#46
 Dibromomethane
 Concen: 21.57 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion: 93 Resp: 32224
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.9 100.3
 174 98.6 80.2 120.2





#47

Bromodichloromethane

Concen: 21.29 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

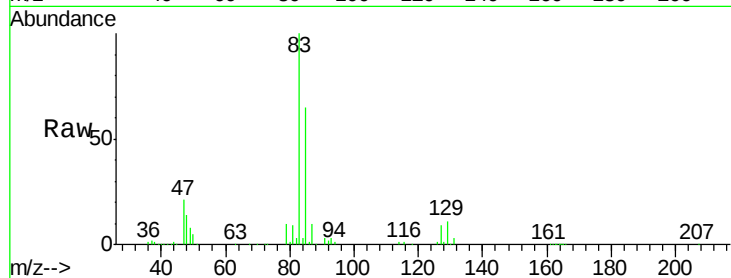
Tot Ion: 83 Resp: 78417

Ion Ratio Lower Upper

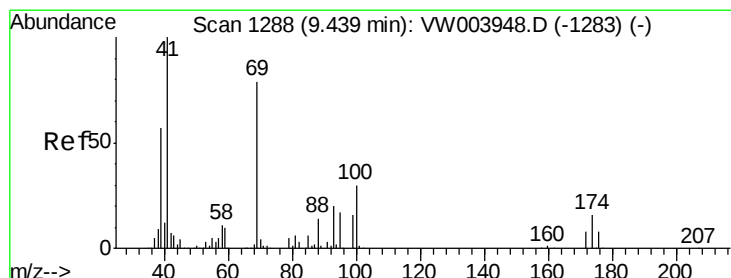
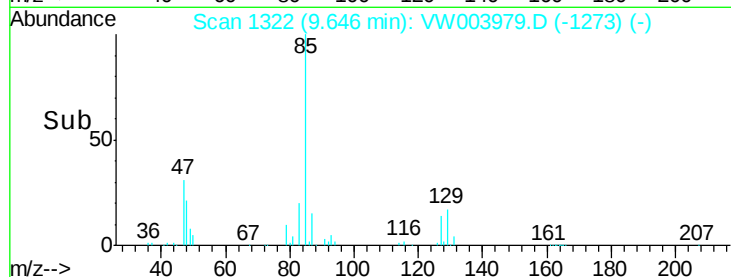
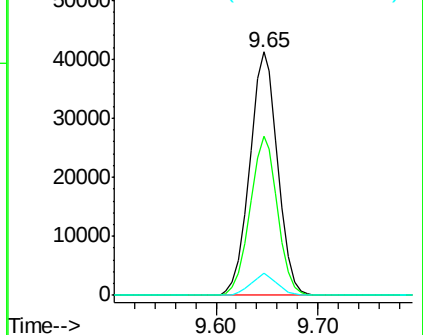
83 100

85 65.3 52.2 78.2

127 8.9 7.0 10.4



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



#48

Methyl methacrylate

Concen: 20.17 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

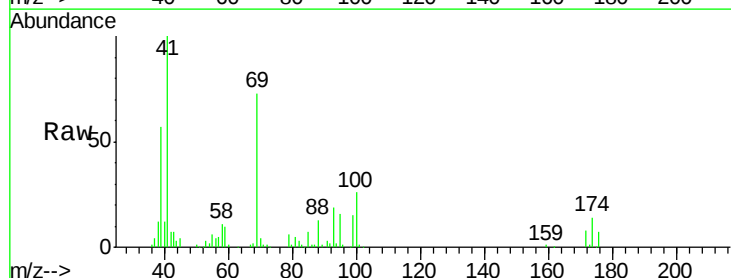
Tgt Ion: 41 Resp: 35783

Ion Ratio Lower Upper

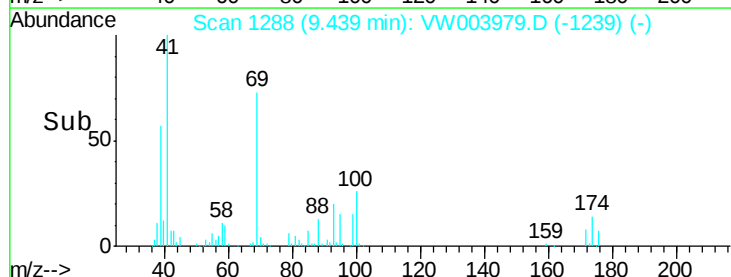
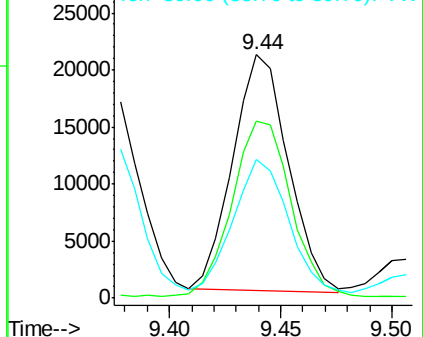
41 100

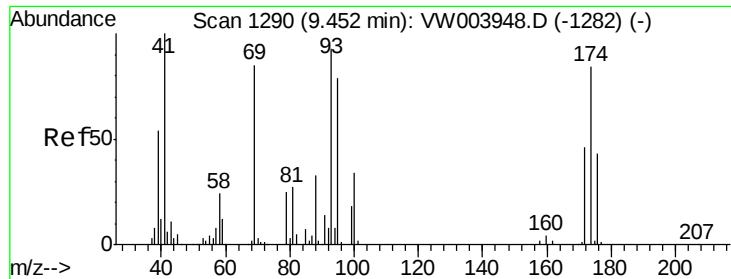
69 82.2 67.0 100.6

39 61.5 48.8 73.2



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

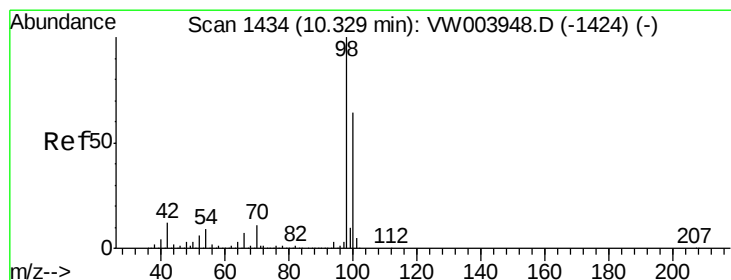
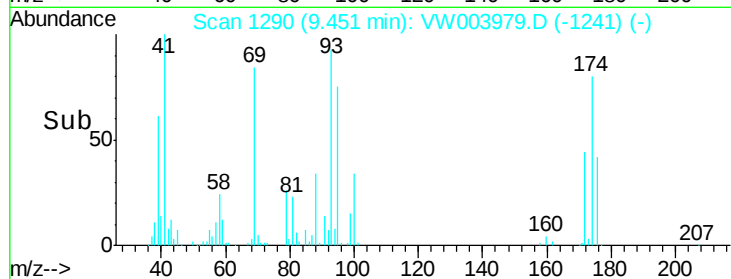
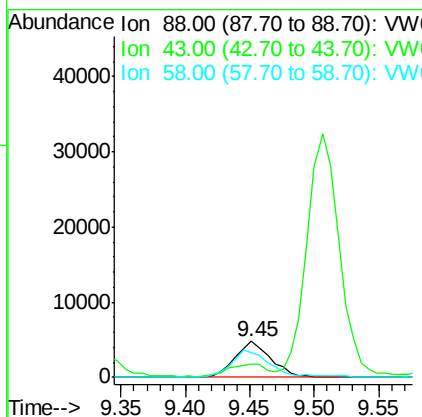
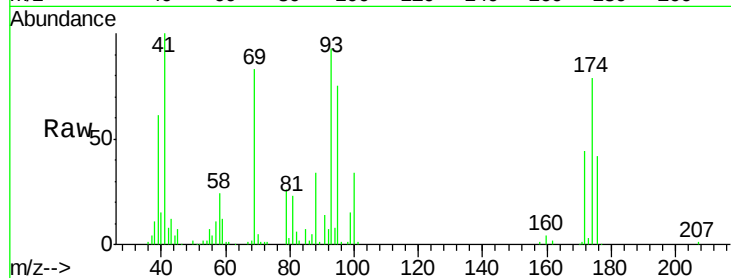




#49
1,4-Dioxane
Concen: 403.84 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

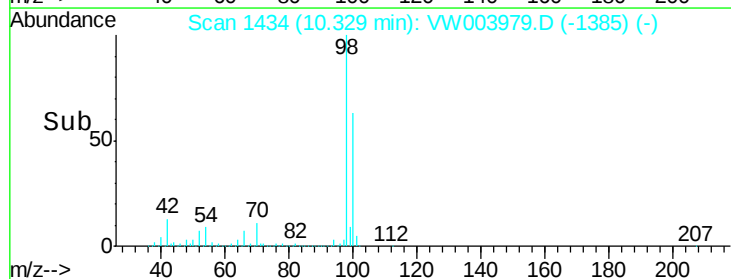
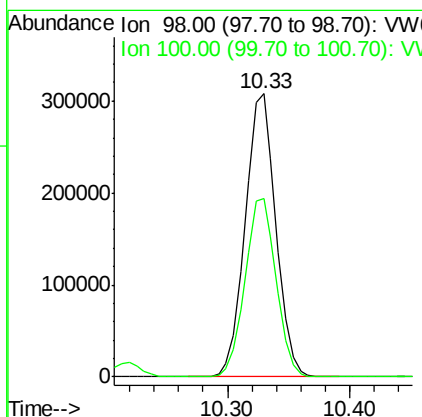
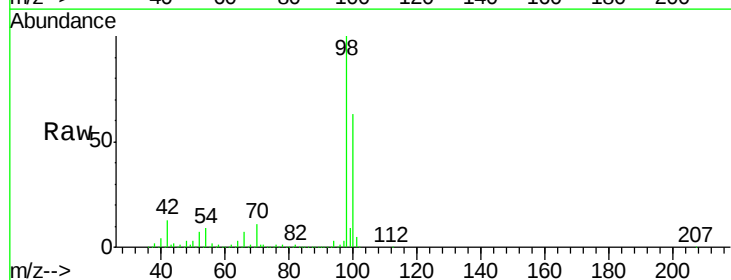
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

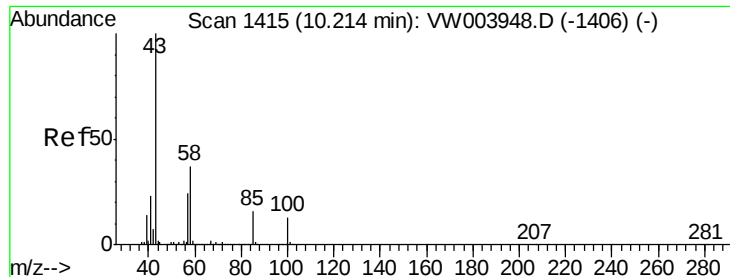
Tot Ion: 88 Resp: 9273
Ion Ratio Lower Upper
88 100
43 37.6 27.3 40.9
58 84.5 61.1 91.7



#50
Toluene-d8
Concen: 54.41 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 98 Resp: 535266
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 102.00 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleID :

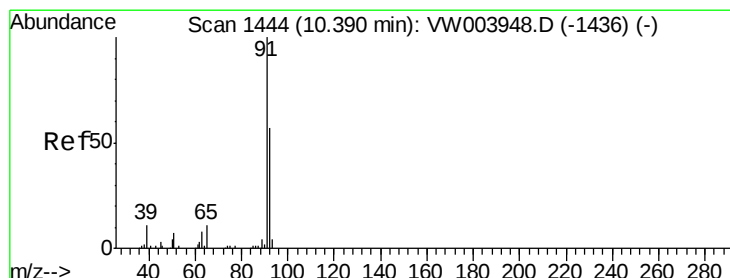
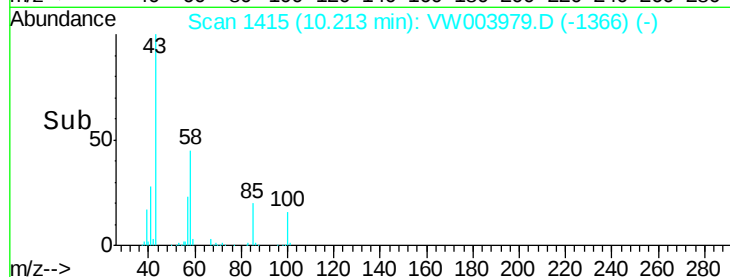
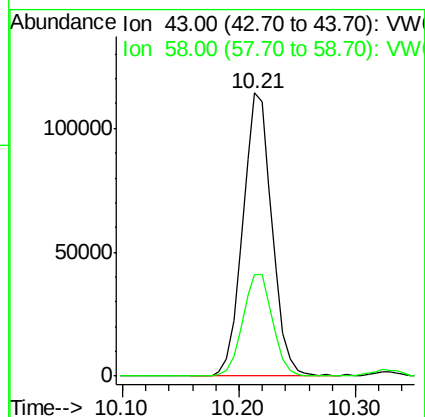
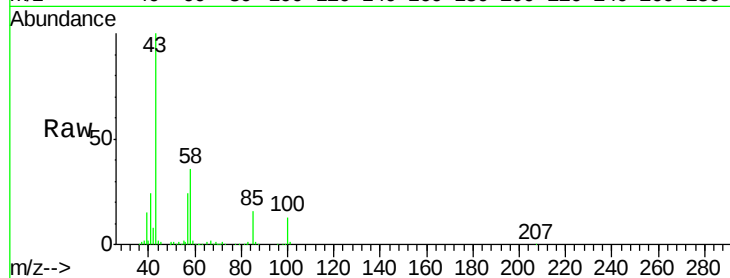
VW0717SBS01

Tot Ion: 43 Resp: 199307

Ion Ratio Lower Upper

43 100

58 36.9 29.9 44.9



#52

Toluene

Concen: 21.91 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003979.D

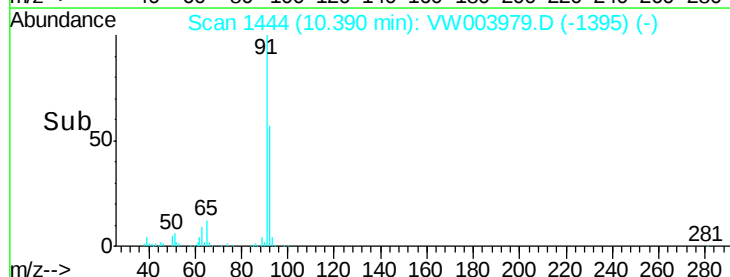
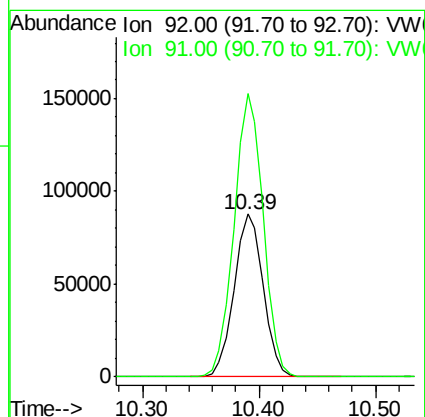
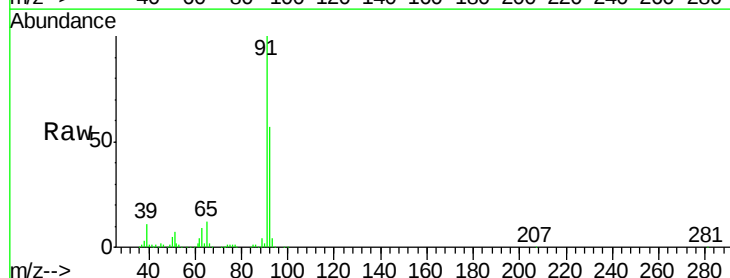
Acq: 17 Jul 2018 12:42

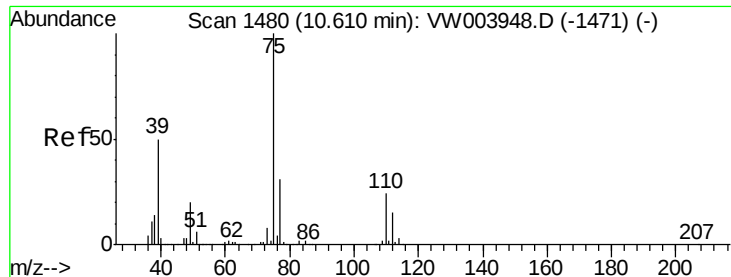
Tgt Ion: 92 Resp: 152850

Ion Ratio Lower Upper

92 100

91 174.0 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.52 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

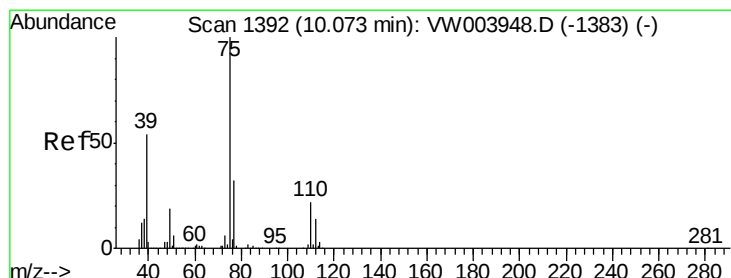
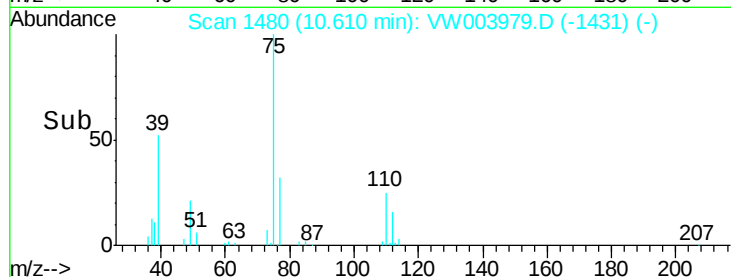
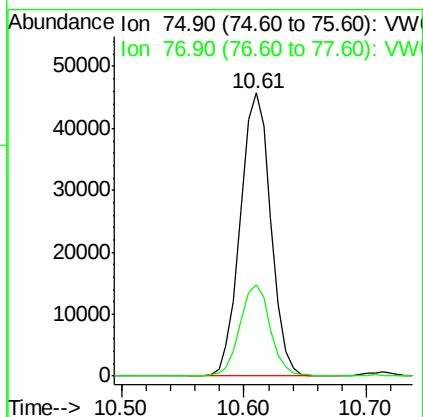
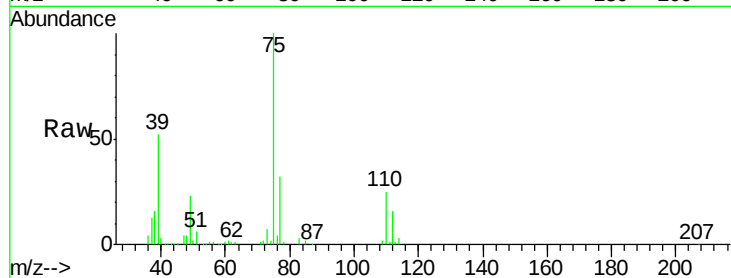
VW0717SBS01

Tot Ion: 75 Resp: 79020

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.04 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

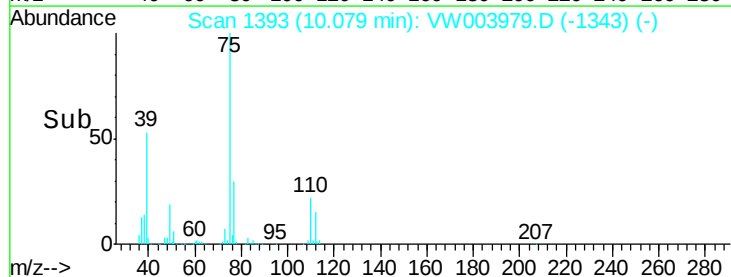
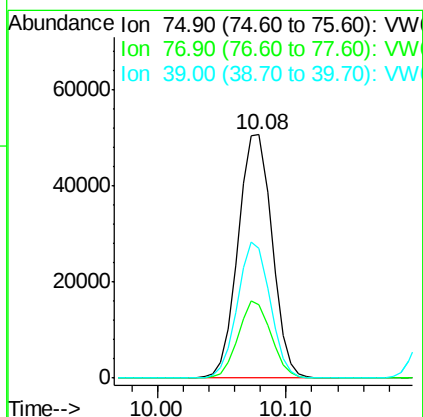
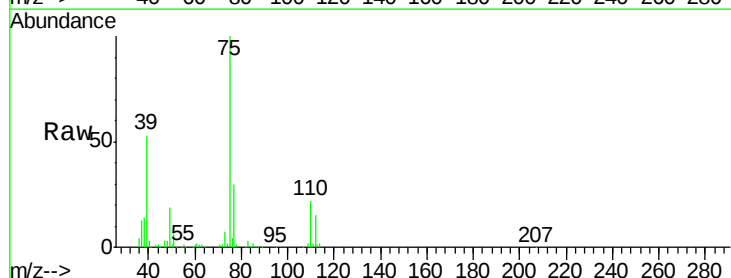
Tgt Ion: 75 Resp: 92691

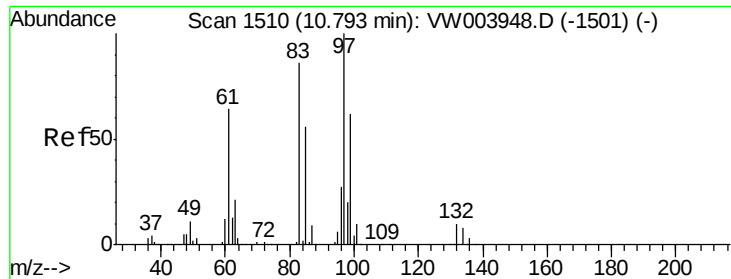
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.2

39 53.2 43.0 64.6

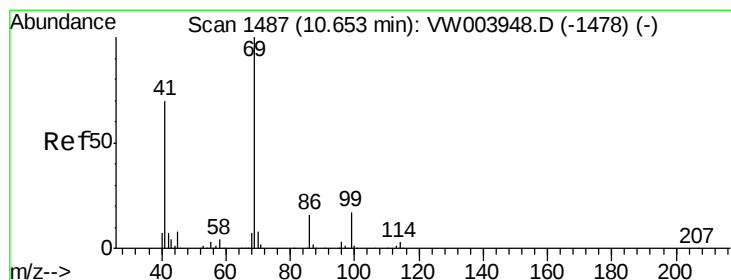
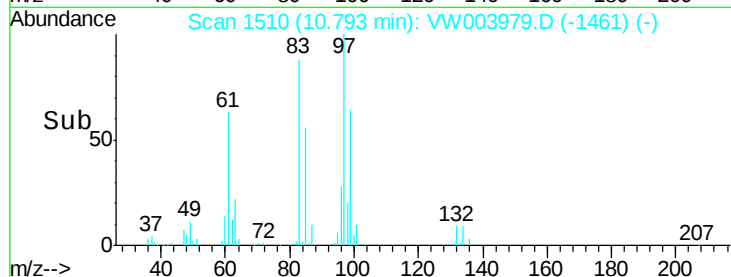
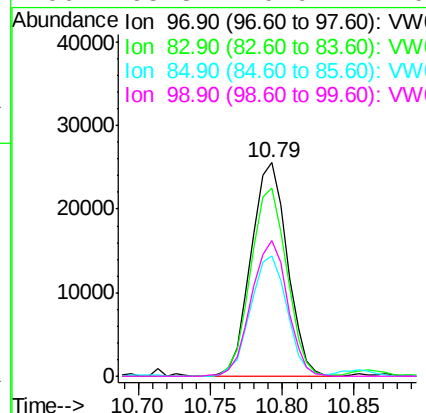
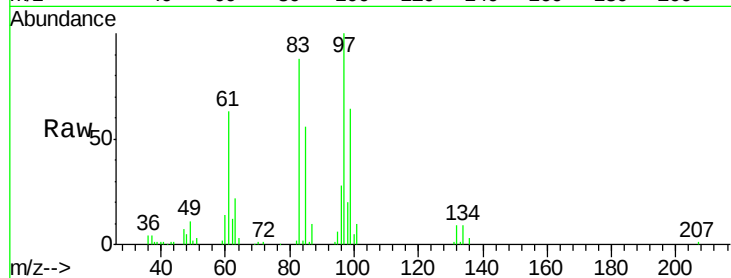




#55
 1,1,2-Trichloroethane
 Concen: 21.20 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

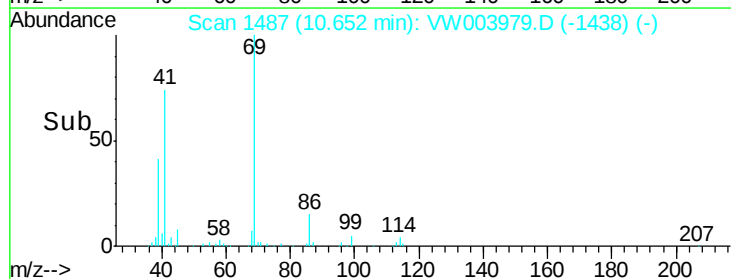
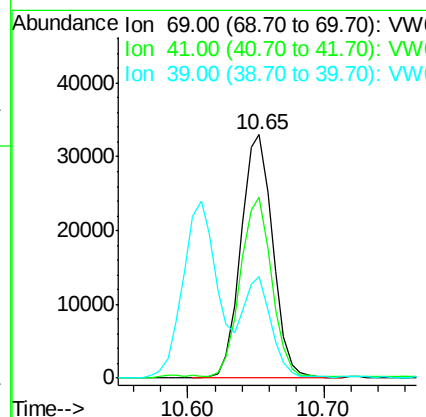
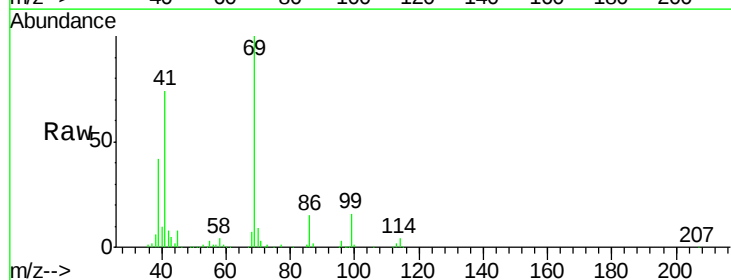
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

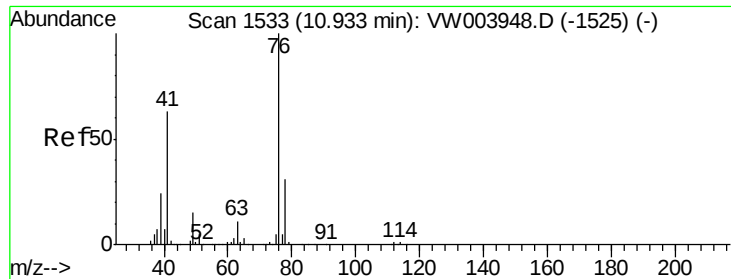
Tot Ion	Resp	Lower	Upper
97	44538		
Ion Ratio			
97	100		
83	88.4	69.0	103.4
85	56.2	45.0	67.6
99	63.8	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.84 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Resp	Lower	Upper
69	53953		
Ion Ratio			
69	100		
41	72.2	56.5	84.7
39	35.7	30.2	45.4

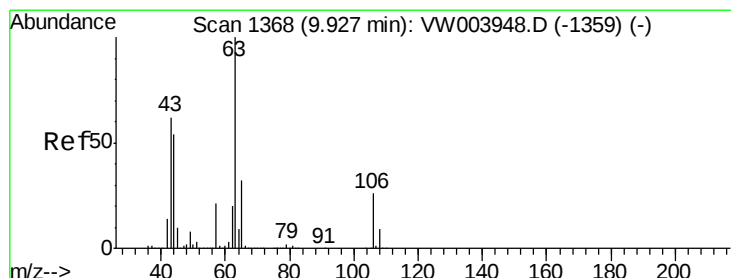
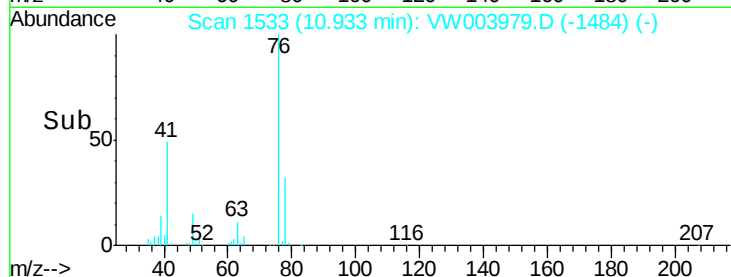
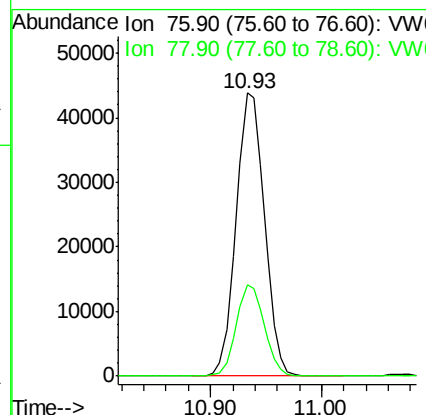
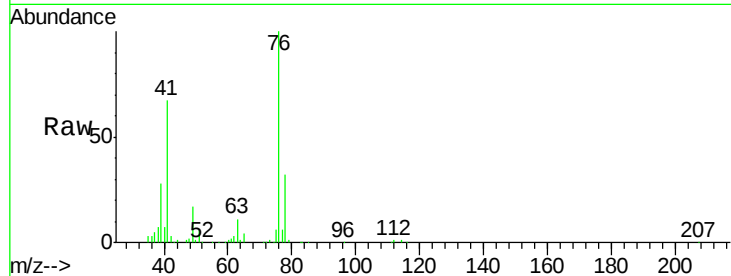




#57
 1,3-Dichloropropane
 Concen: 21.16 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

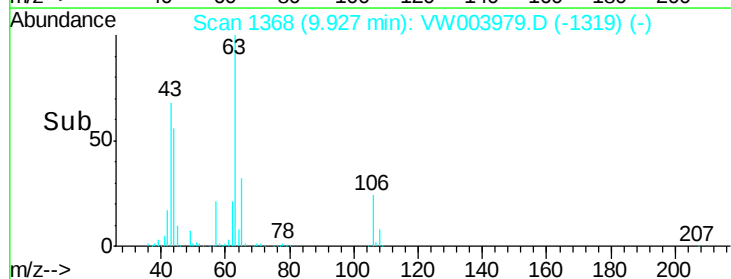
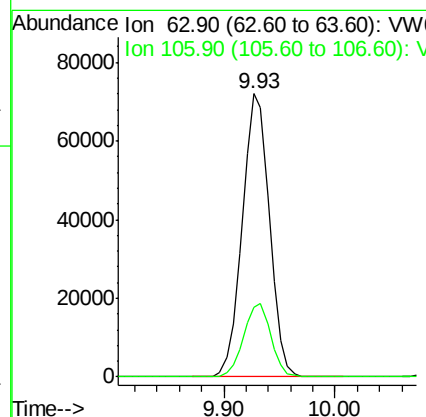
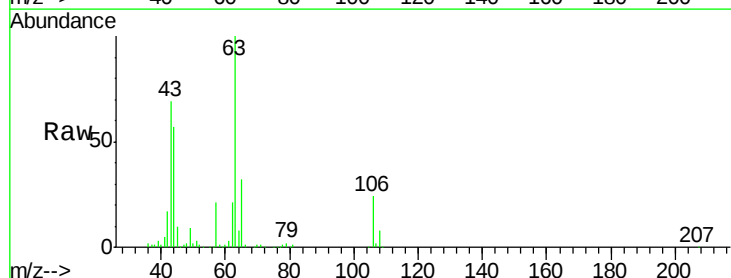
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

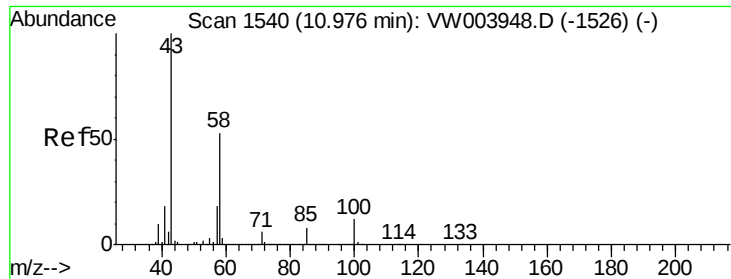
Tot Ion: 76 Resp: 77227
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.54 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion: 63 Resp: 121573
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.2 31.8

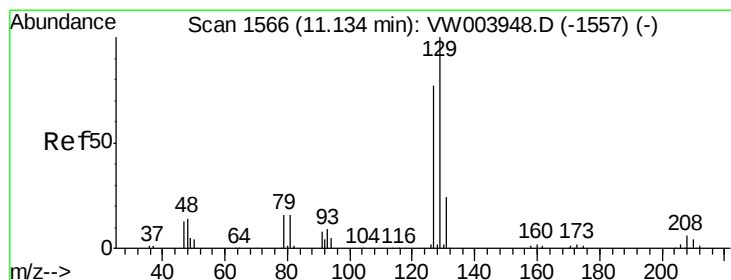
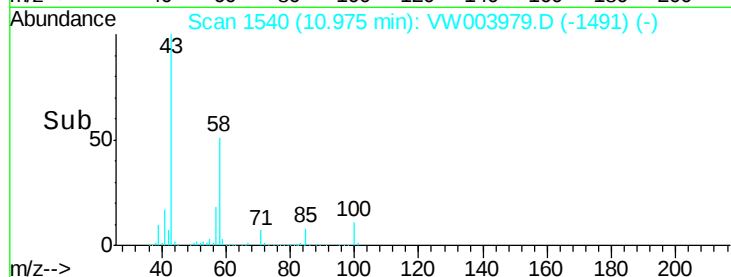
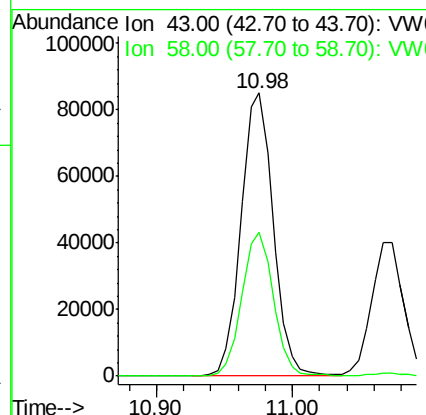
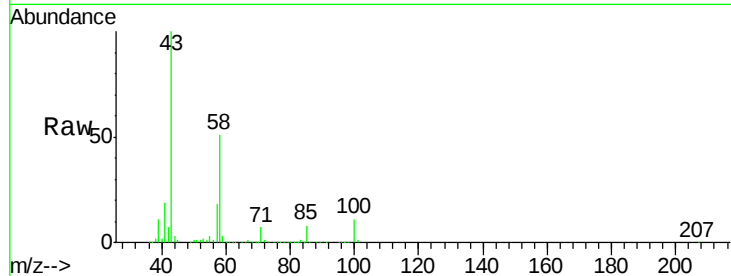




#59
2-Hexanone
Concen: 102.18 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

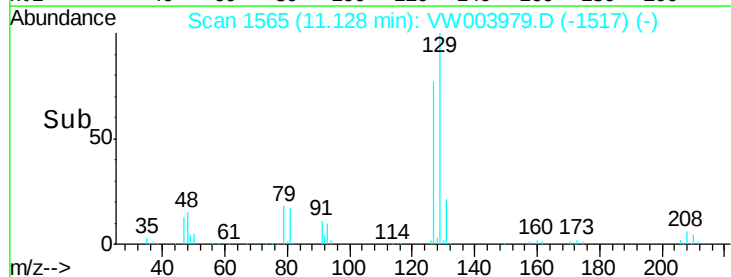
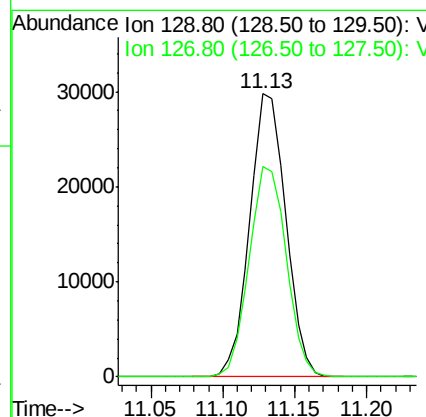
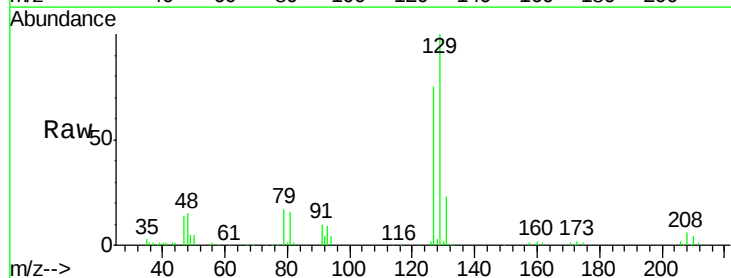
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

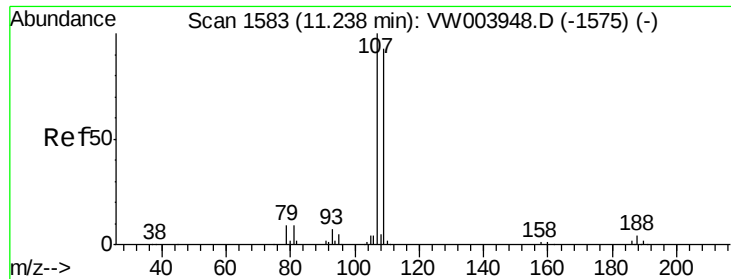
Tot Ion: 43 Resp: 140723
Ion Ratio Lower Upper
43 100
58 50.1 26.0 78.0



#60
Dibromochloromethane
Concen: 21.11 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 129 Resp: 51649
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3

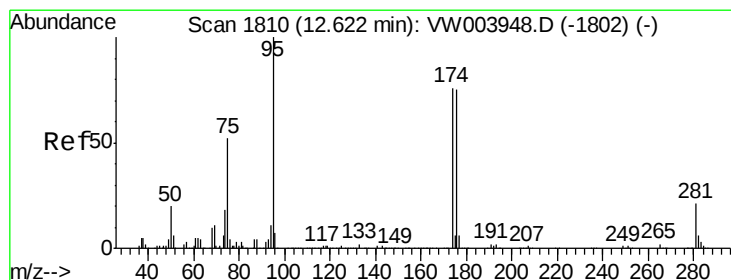
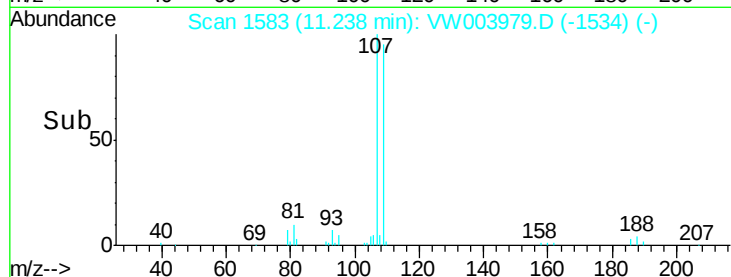
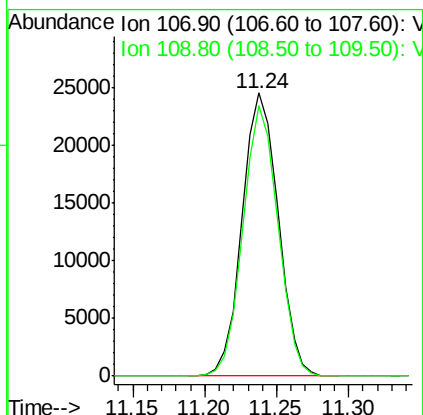
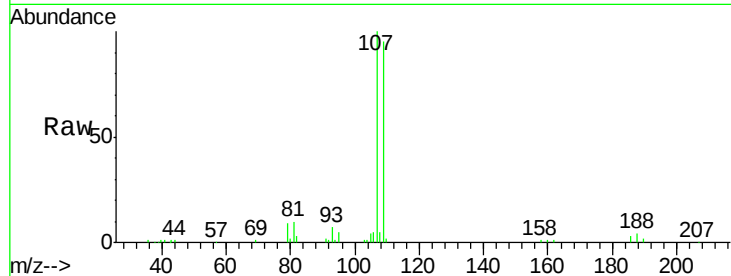




#61
 1,2-Dibromoethane
 Concen: 21.23 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

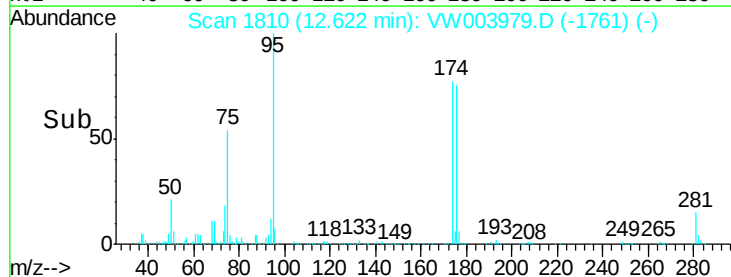
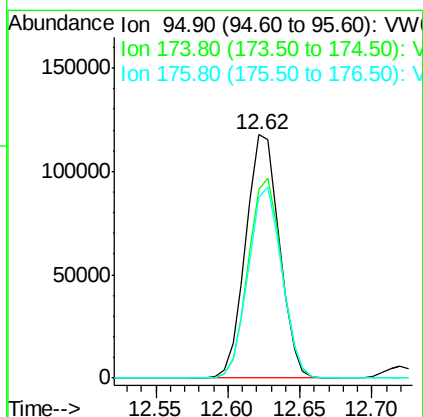
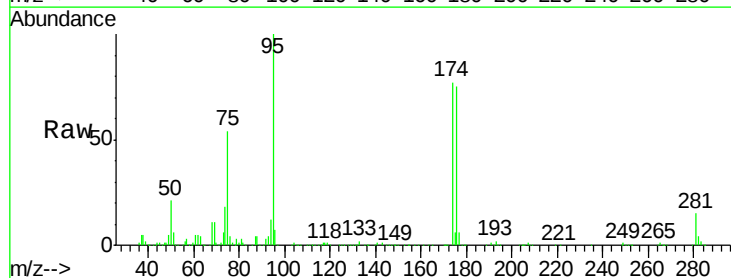
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Tot Ion:107 Resp: 42439
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 53.61 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion: 95 Resp: 190181
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 160.2
 176 78.1 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

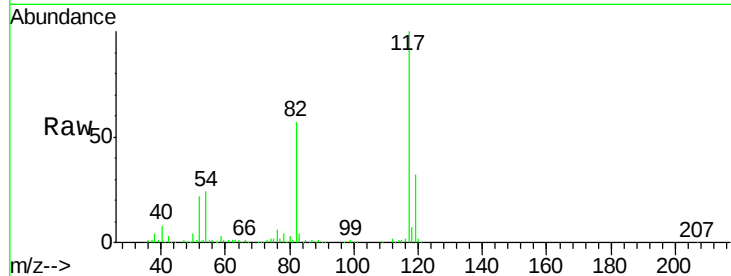
Tot Ion:117 Resp: 368628

Ion Ratio Lower Upper

117 100

82 57.1 46.5 69.7

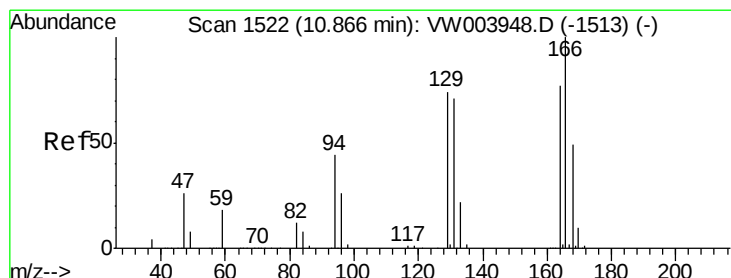
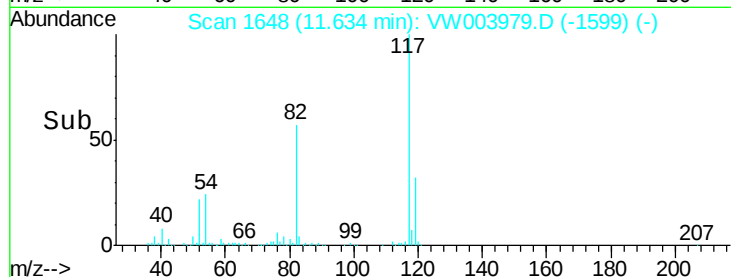
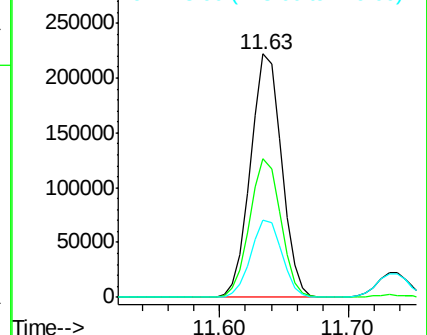
119 31.8 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.33 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:164 Resp: 53946

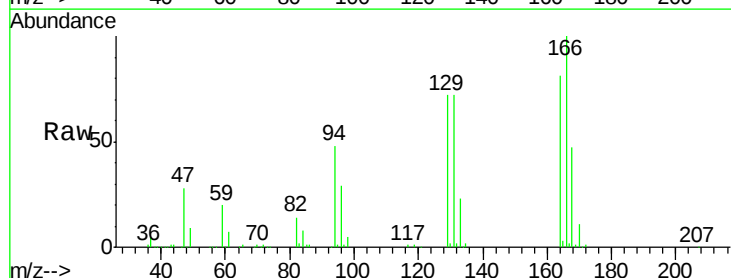
Ion Ratio Lower Upper

164 100

166 123.9 103.5 155.3

129 89.5 76.8 115.2

131 89.4 73.2 109.8

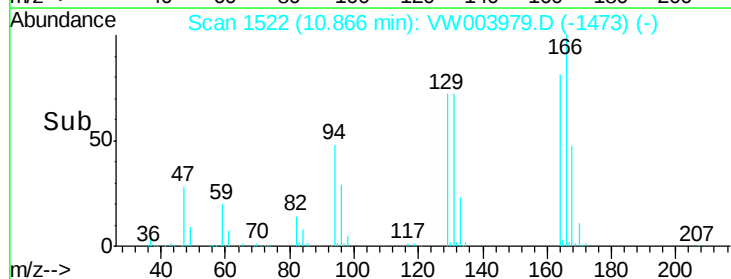
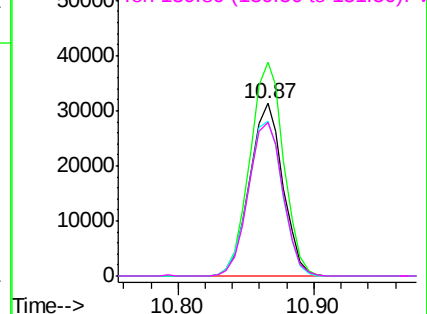


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.18 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

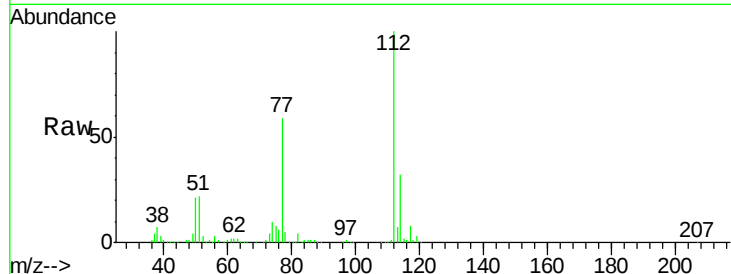
VW0717SBSD01

Tot Ion:112 Resp: 166048

Ion Ratio Lower Upper

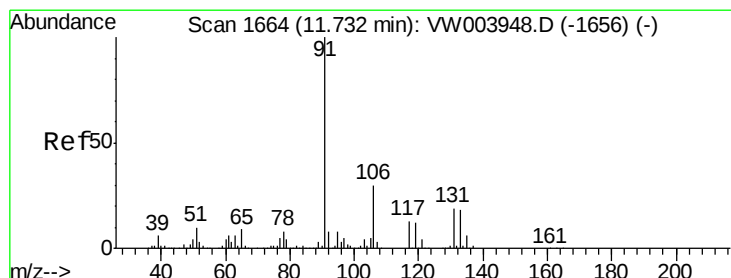
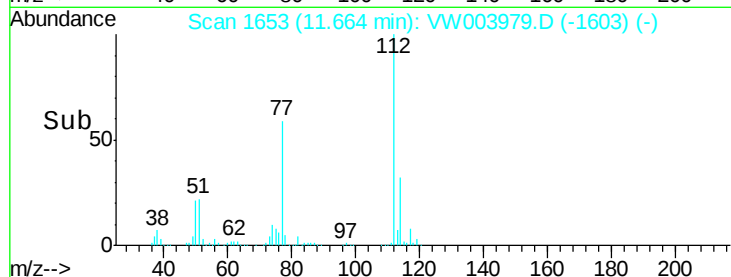
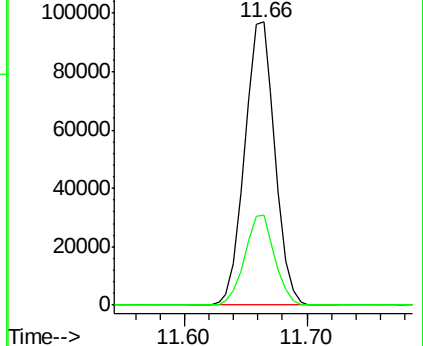
112 100

114 31.7 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.74 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

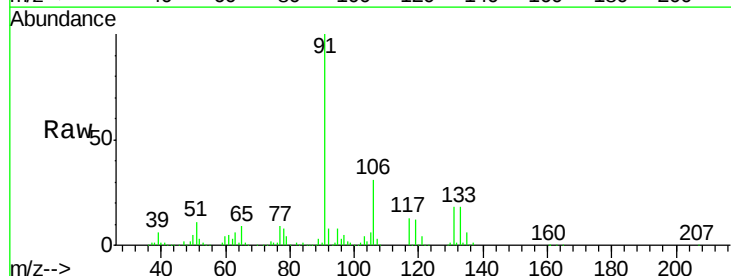
Tgt Ion:131 Resp: 56488

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.8

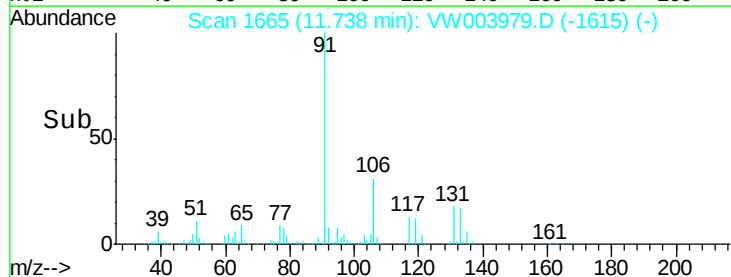
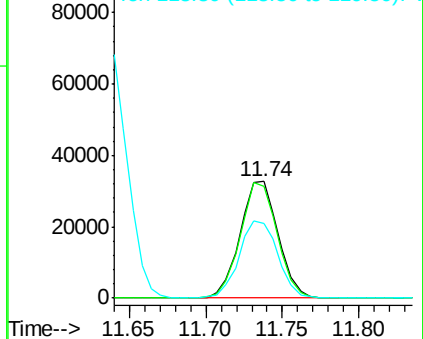
119 67.0 32.5 97.5

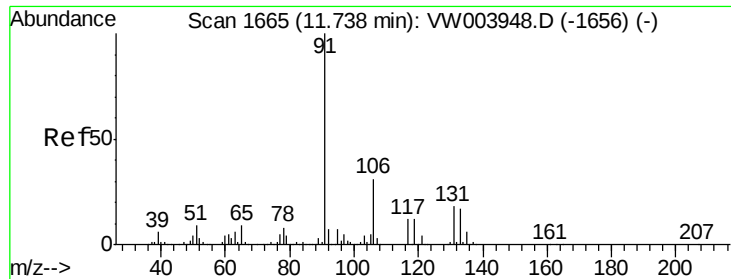


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

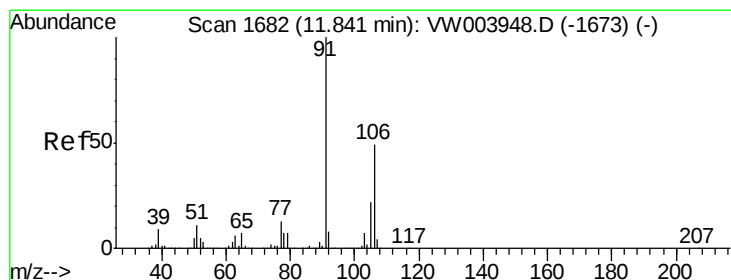
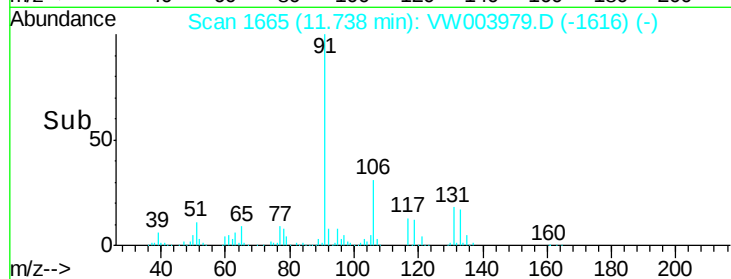
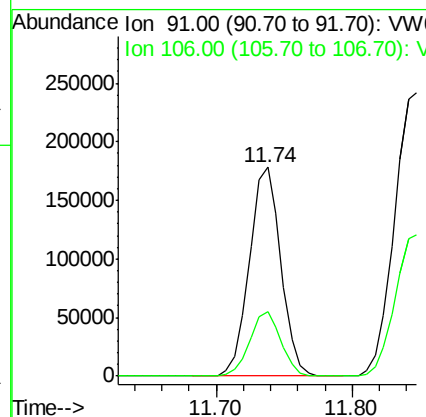
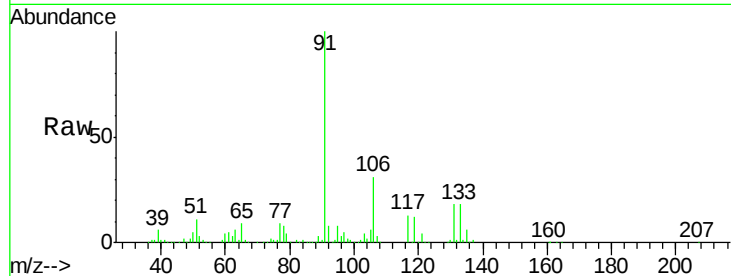




#67
Ethyl Benzene
Concen: 20.96 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

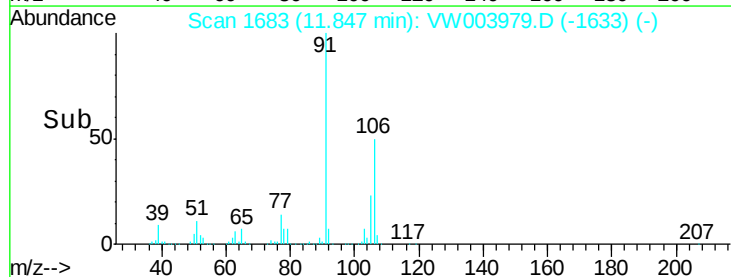
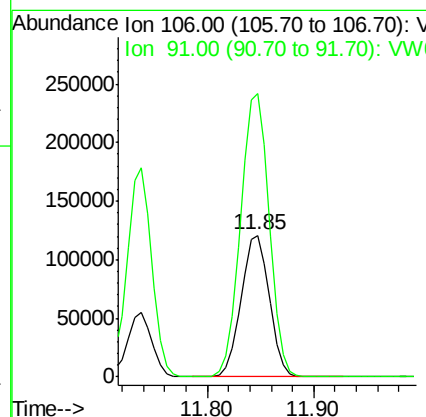
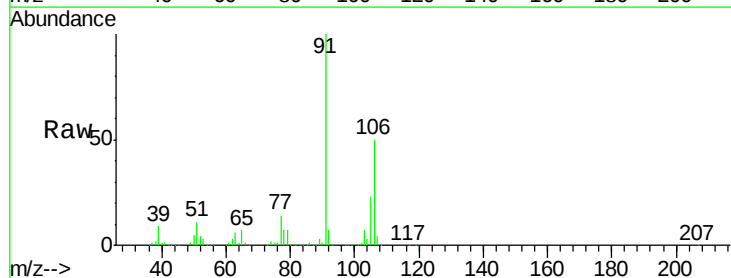
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

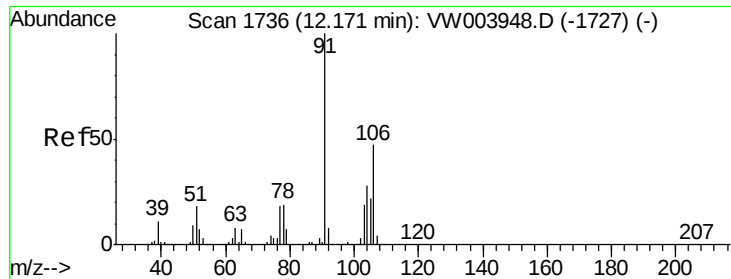
Tot Ion: 91 Resp: 288660
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 42.66 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 106 Resp: 224512
Ion Ratio Lower Upper
106 100
91 203.4 164.2 246.2

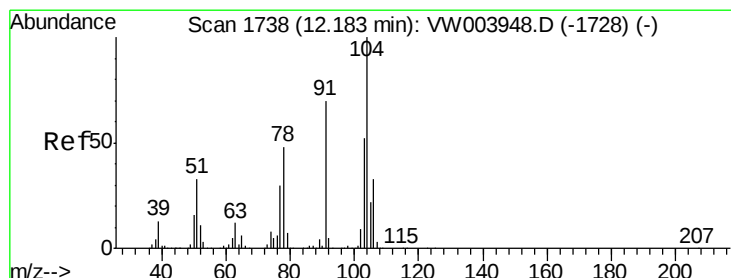
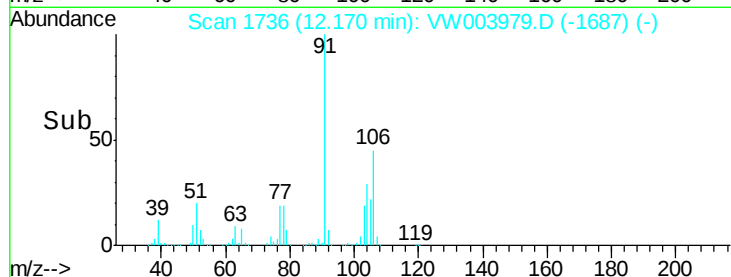
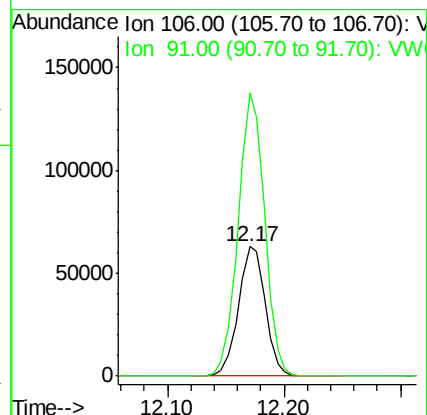
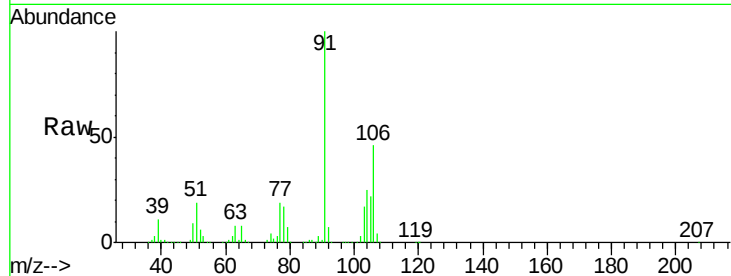




#69
o-Xylene
Concen: 20.71 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

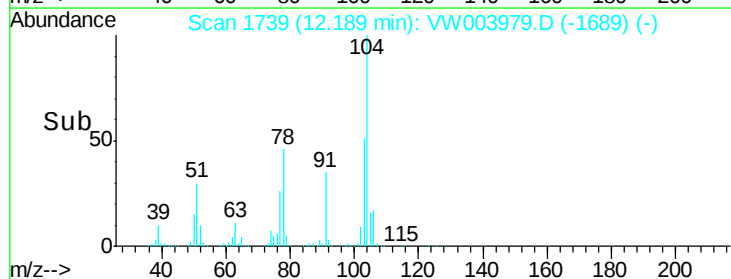
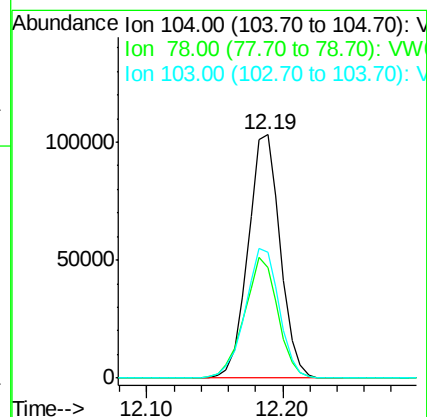
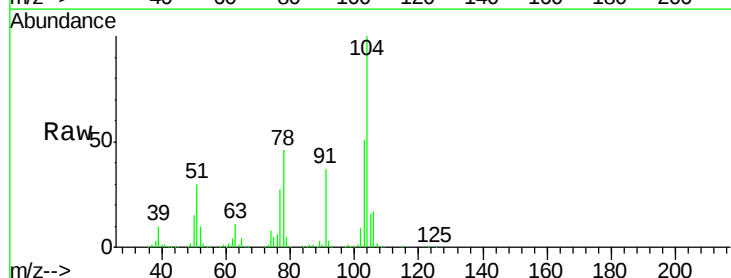
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

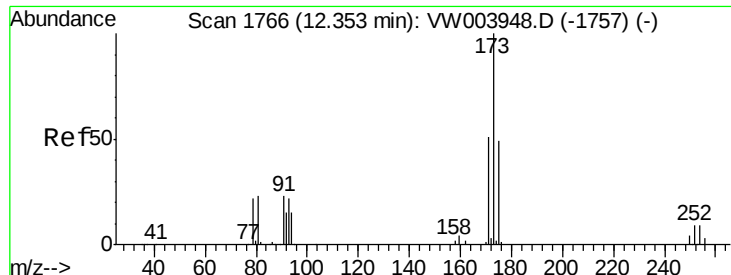
Tot Ion:106 Resp: 101112
Ion Ratio Lower Upper
106 100
91 216.4 107.5 322.6



#70
Styrene
Concen: 20.94 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion:104 Resp: 170786
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 56.3 44.6 67.0





#71

Bromoform

Concen: 19.91 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

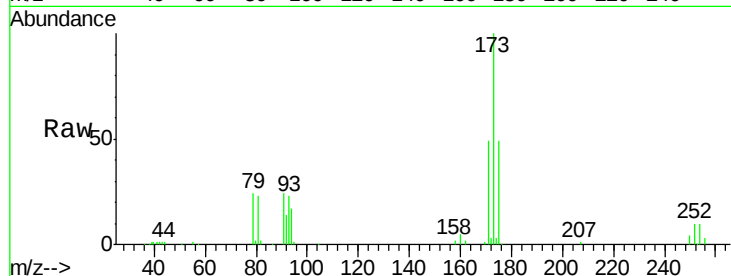
Tot Ion:173 Resp: 30619

Ion Ratio Lower Upper

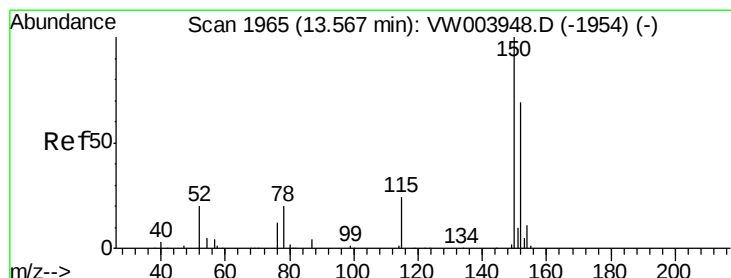
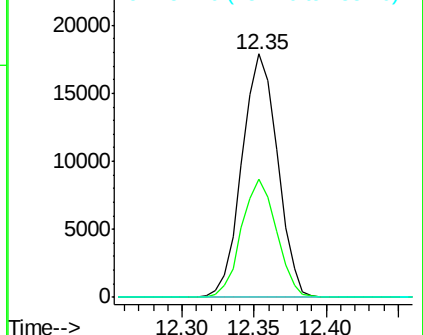
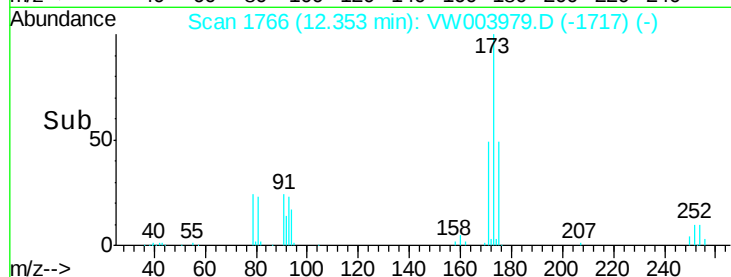
173 100

175 47.9 24.4 73.2

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

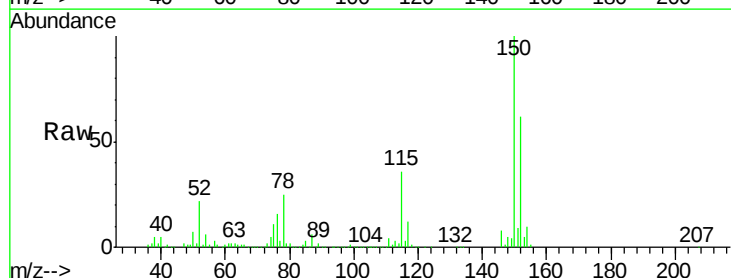
Tgt Ion:152 Resp: 195788

Ion Ratio Lower Upper

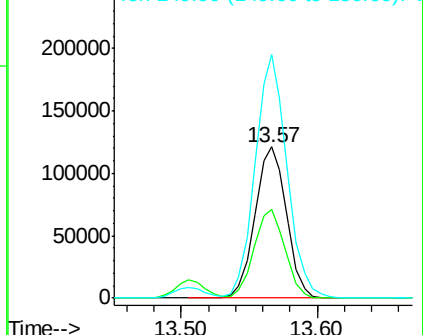
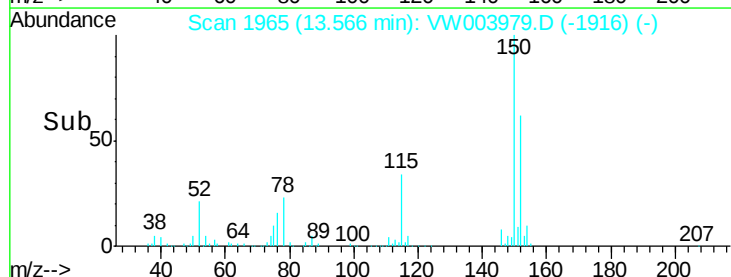
152 100

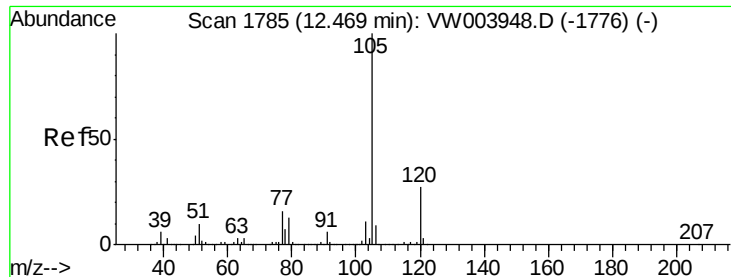
115 58.3 29.2 87.6

150 163.5 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.40 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

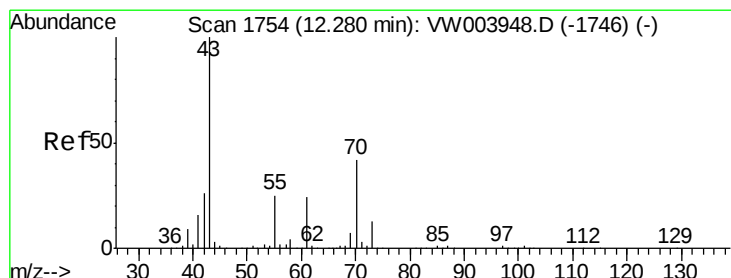
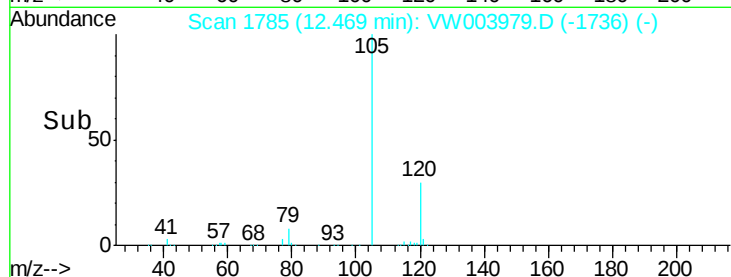
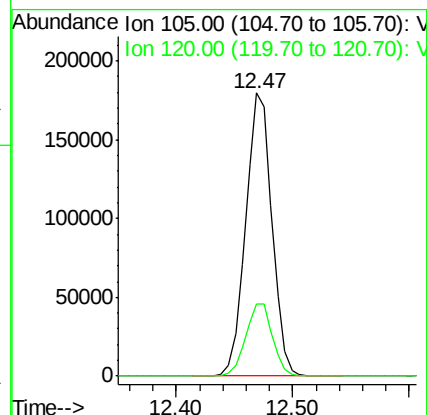
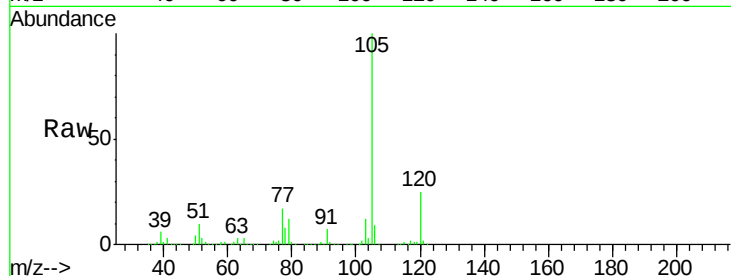
VW0717SBS01

Tot Ion:105 Resp: 282215

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 19.76 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion: 43 Resp: 71218

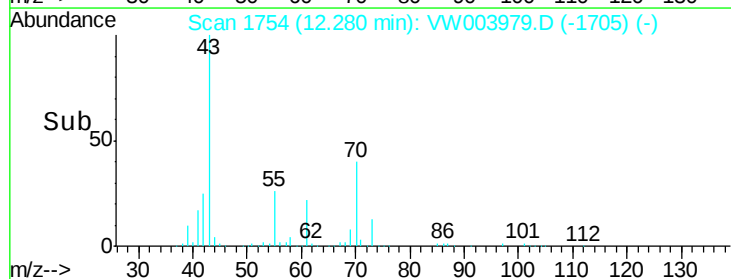
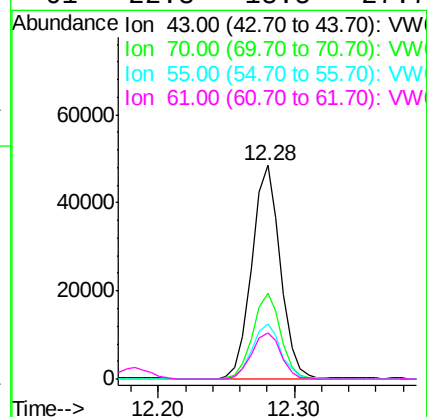
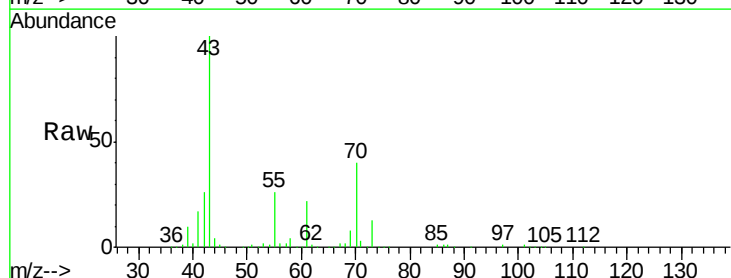
Ion Ratio Lower Upper

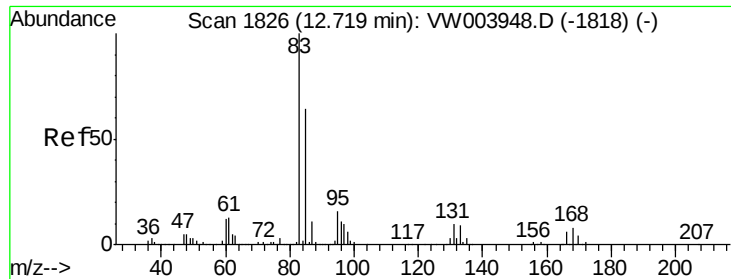
43 100

70 39.7 31.6 47.4

55 26.3 20.0 30.0

61 22.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.33 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

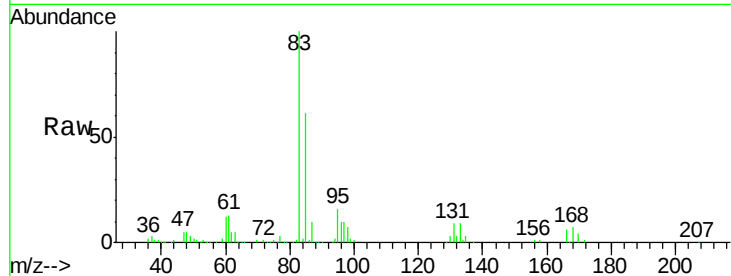
Tot Ion: 83 Resp: 54399

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

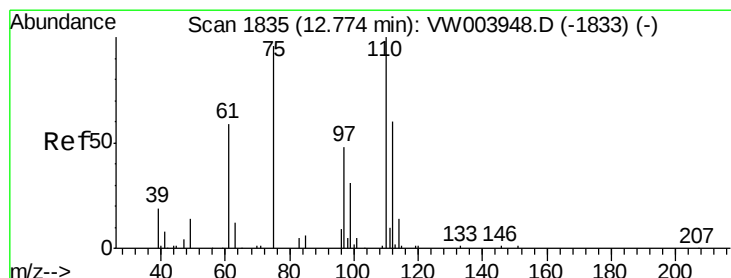
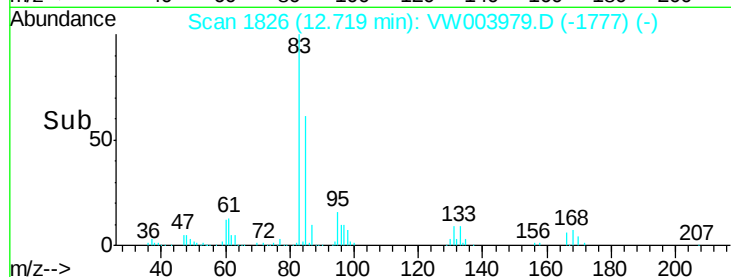
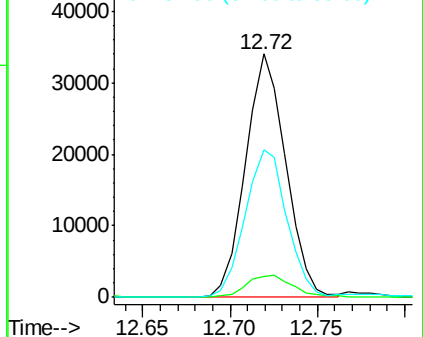
85 63.6 32.2 96.6



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: 37.21 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003979.D

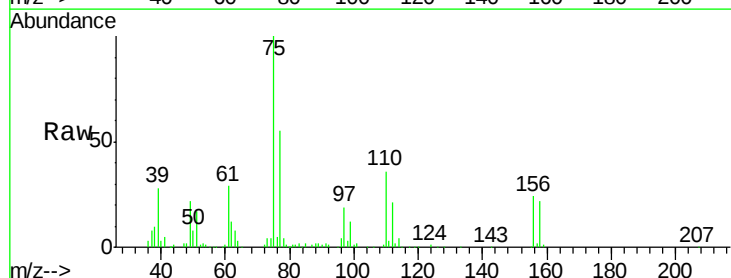
Acq: 17 Jul 2018 12:42

Tgt Ion: 75 Resp: 72321

Ion Ratio Lower Upper

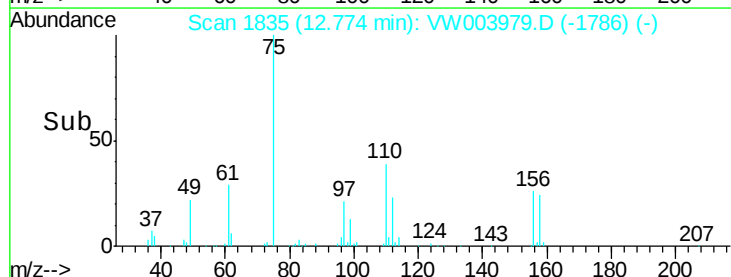
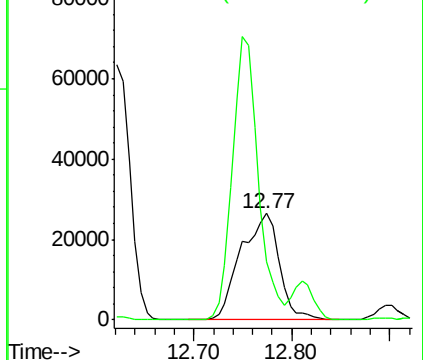
75 100

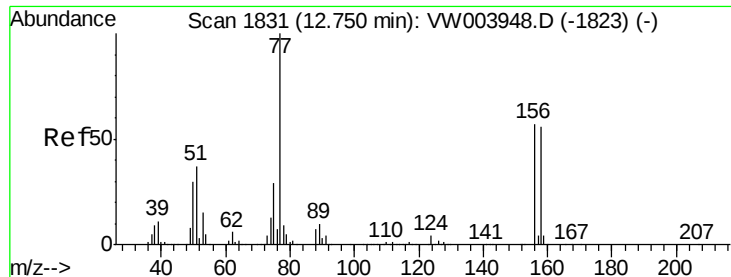
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.13 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

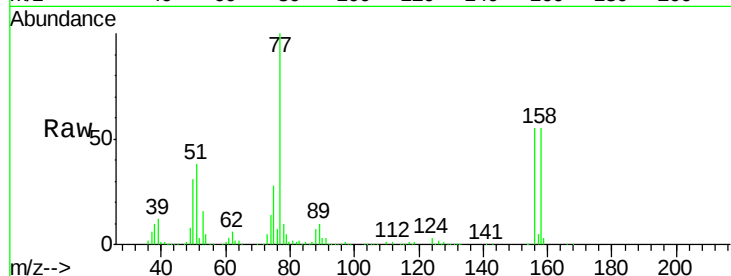
Tot Ion:156 Resp: 66627

Ion Ratio Lower Upper

156 100

77 195.1 96.2 288.6

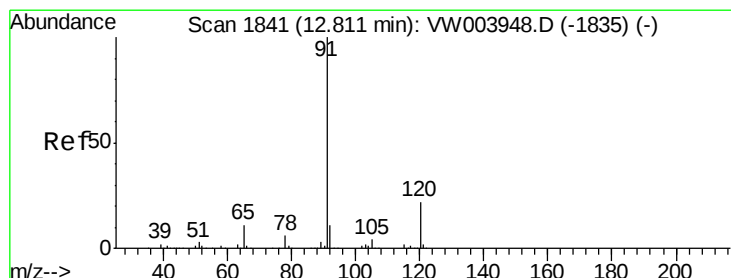
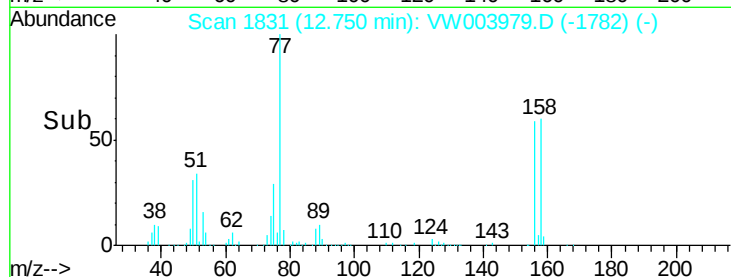
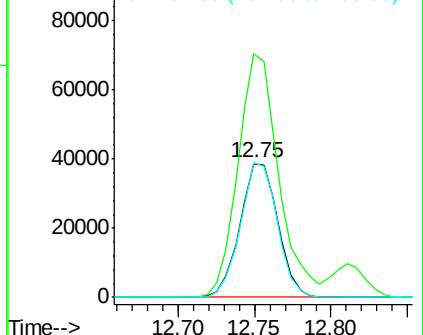
158 97.8 48.5 145.5



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: 20.95 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003979.D

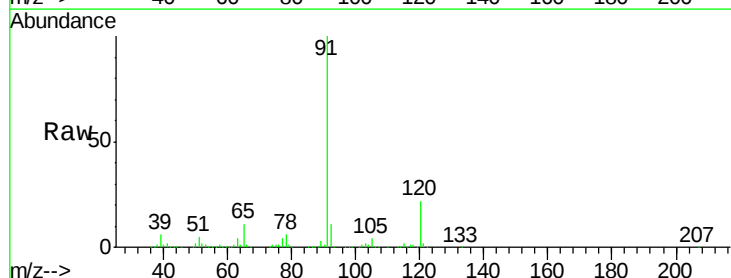
Acq: 17 Jul 2018 12:42

Tgt Ion: 91 Resp: 355533

Ion Ratio Lower Upper

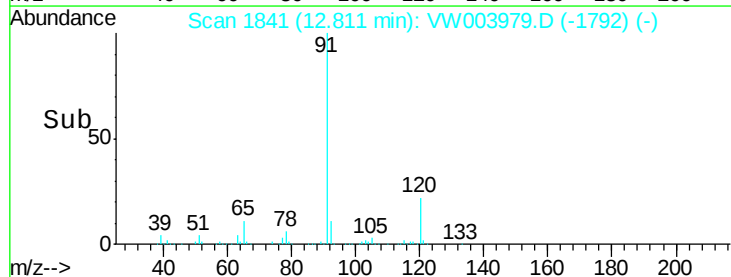
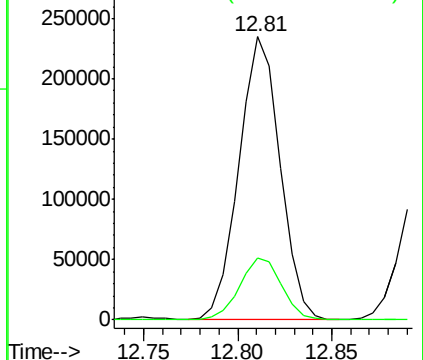
91 100

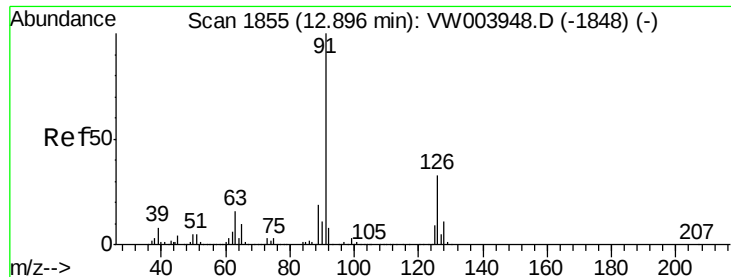
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

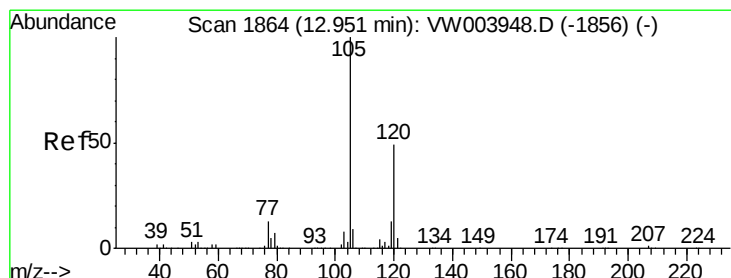
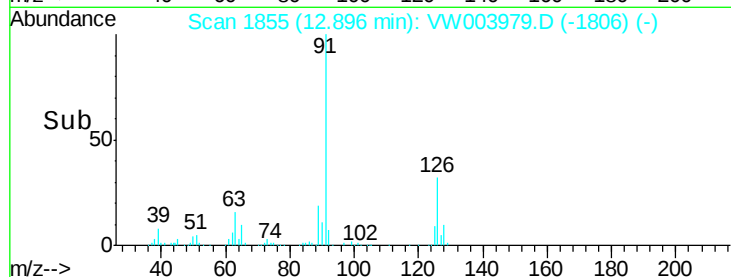
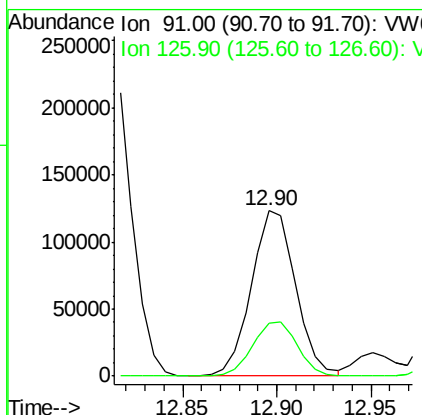
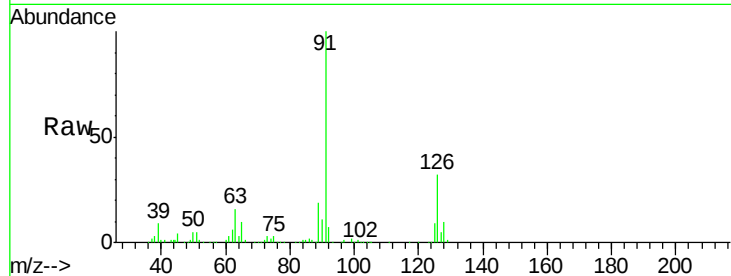




#79
 2-Chlorotoluene
 Concen: 20.95 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

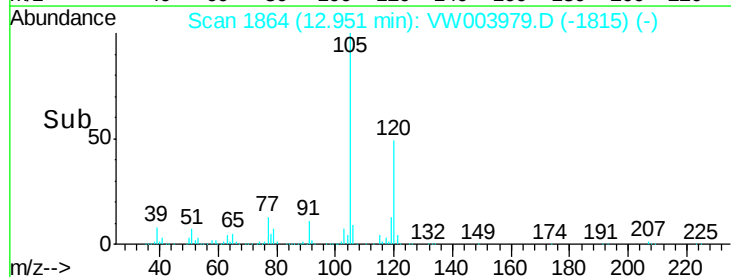
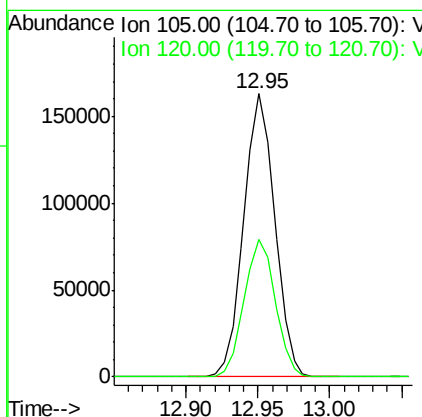
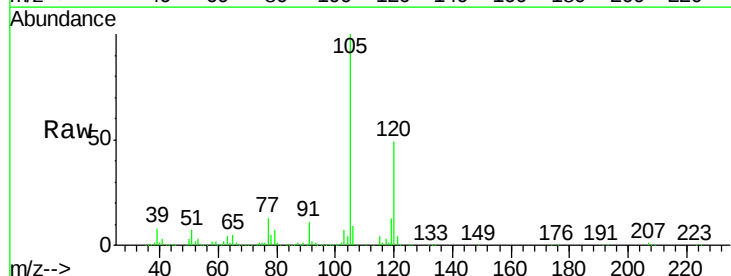
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

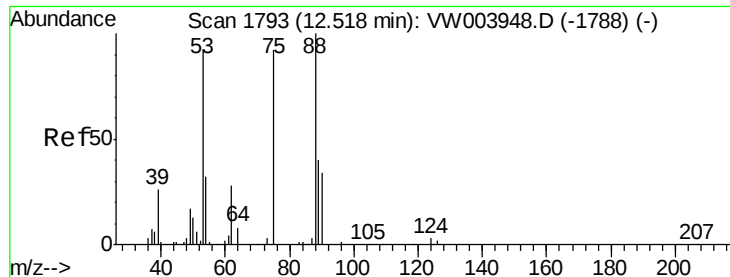
Tot Ion: 91 Resp: 200514
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.85 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion:105 Resp: 242781
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.42 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

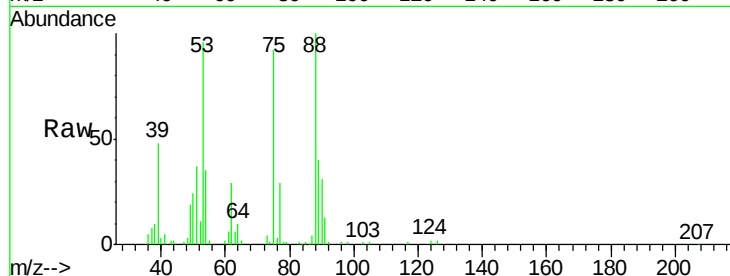
MSVOA_W

ClientSampleId :

VW0717SBSD01

Tot Ion: 75 Resp: 16188

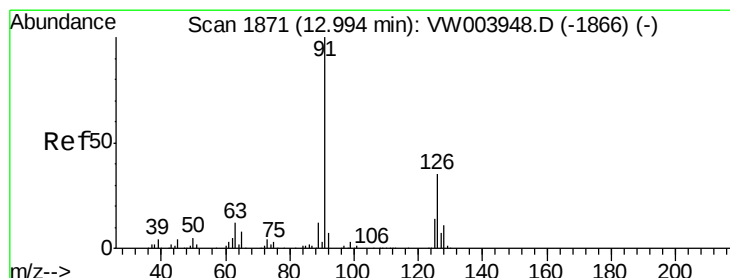
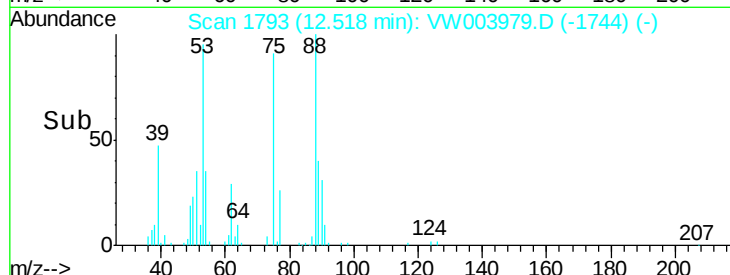
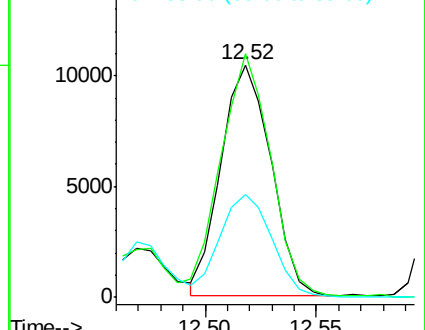
Ion	Ratio	Lower	Upper
75	100		
53	108.3	77.6	116.4
89	46.8	36.6	54.8



Abundance Ion 74.90 (74.60 to 75.60): VW

15000 Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.72 ug/l

RT: 12.99 min Scan# 1871

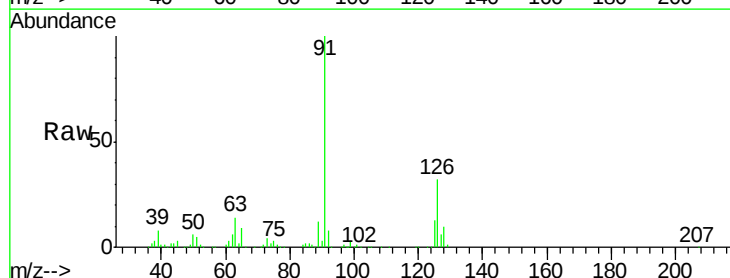
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

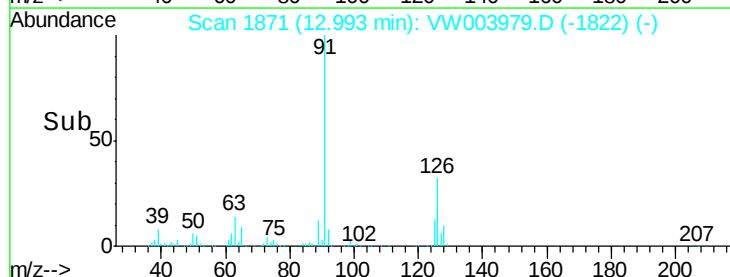
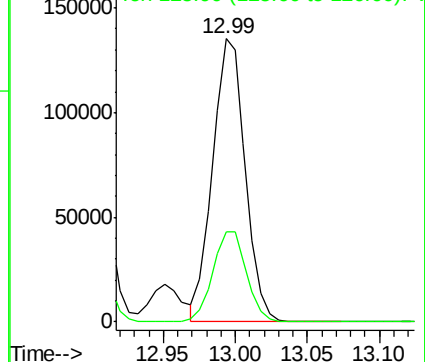
Tgt Ion: 91 Resp: 212834

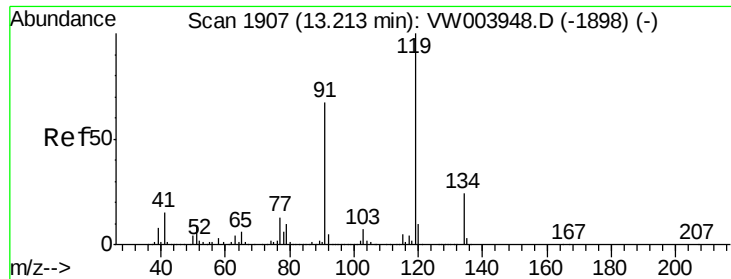
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.0



Abundance Ion 91.00 (90.70 to 91.70): VW

150000 Ion 125.90 (125.60 to 126.60): V

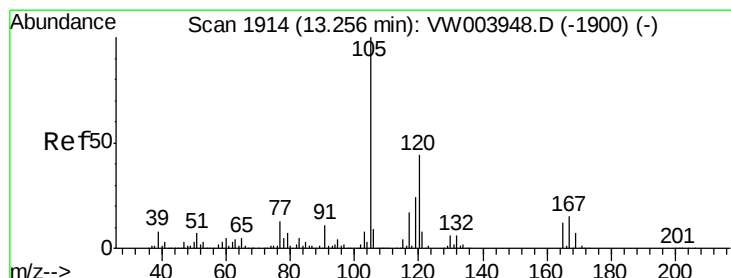
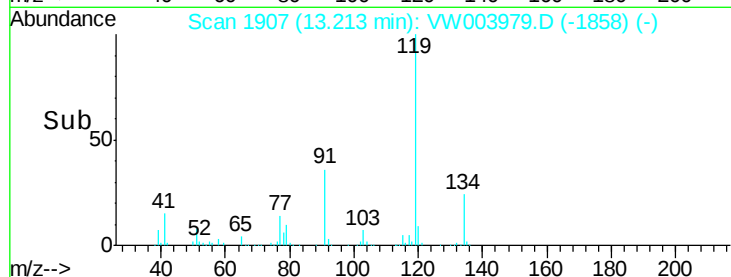
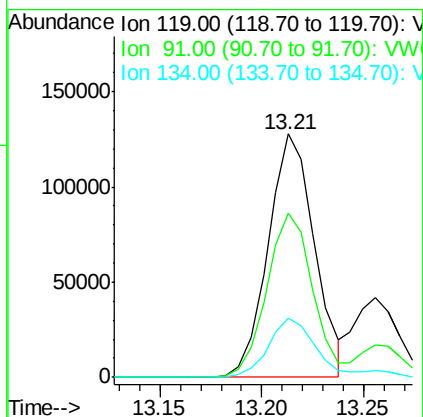
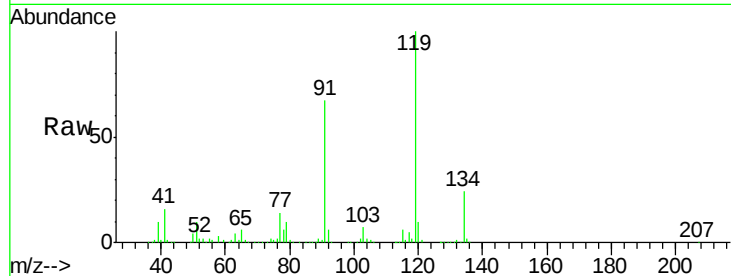




#83
tert-Butylbenzene
Concen: 20.71 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

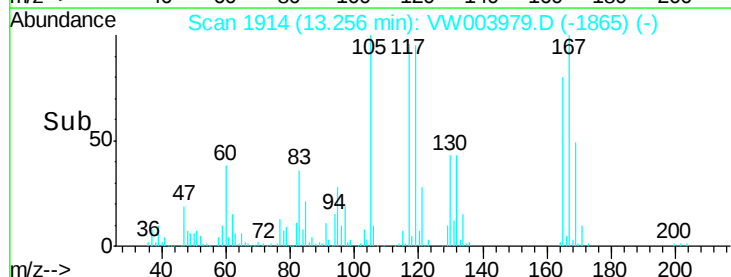
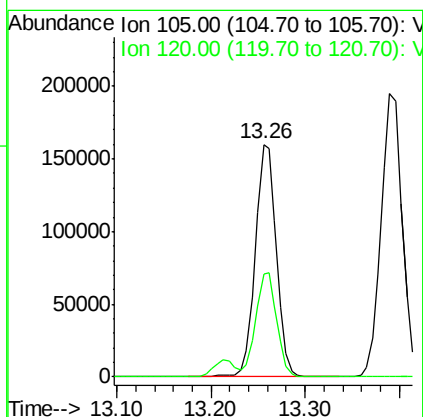
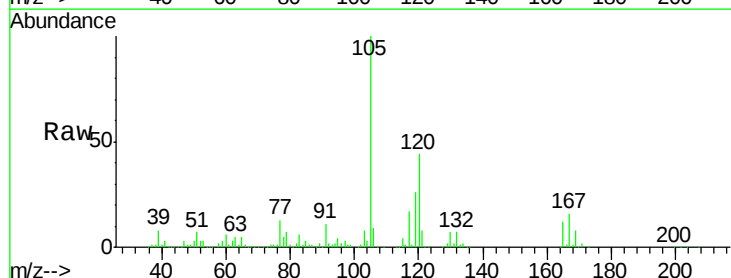
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

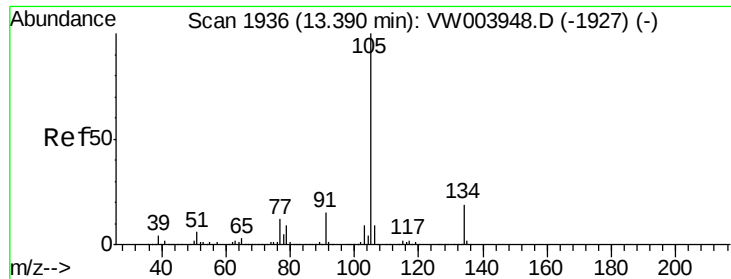
Tot Ion:119 Resp: 202448
Ion Ratio Lower Upper
119 100
91 67.4 33.2 99.6
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 21.12 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion:105 Resp: 252984
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.1

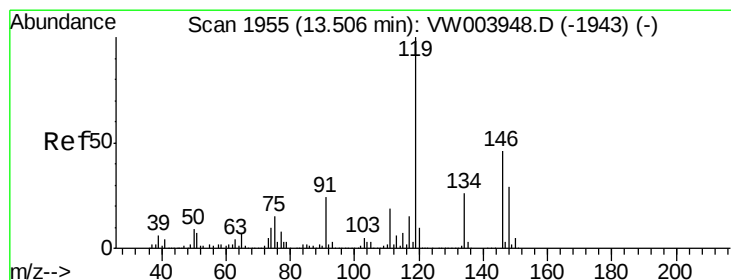
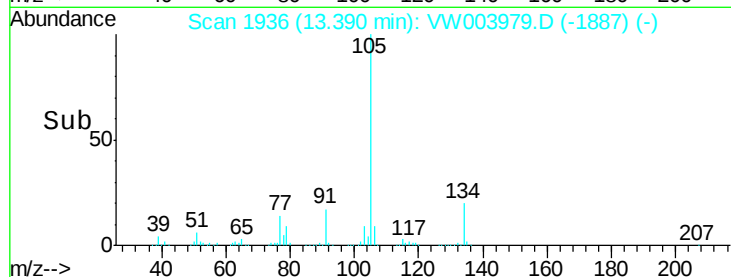
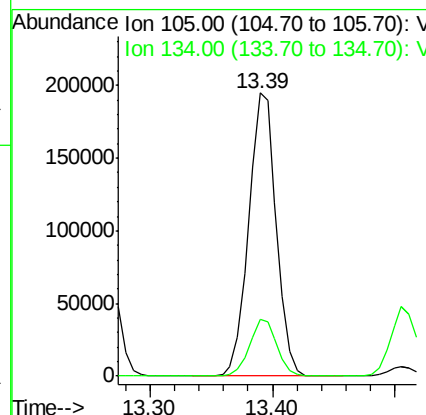
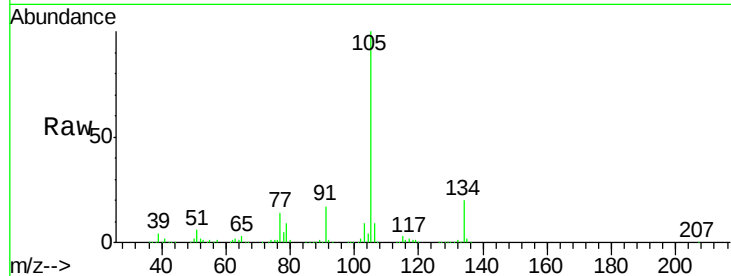




#85
 sec-Butylbenzene
 Concen: 20.96 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

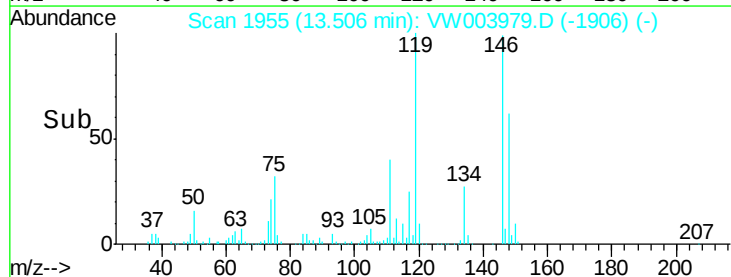
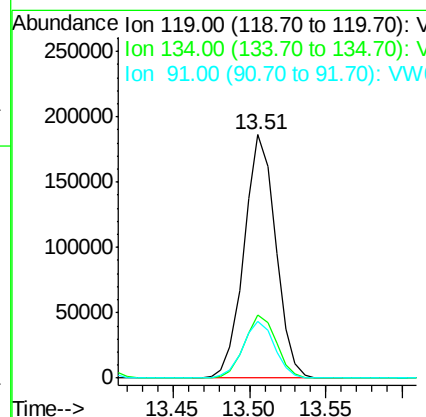
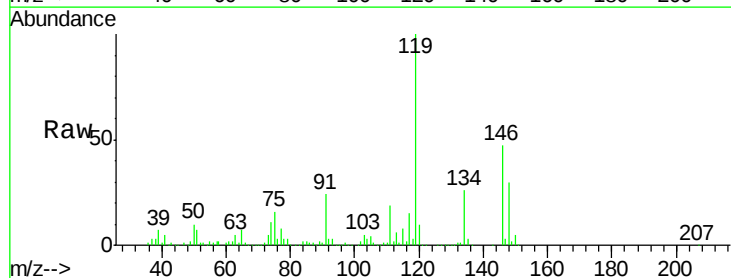
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

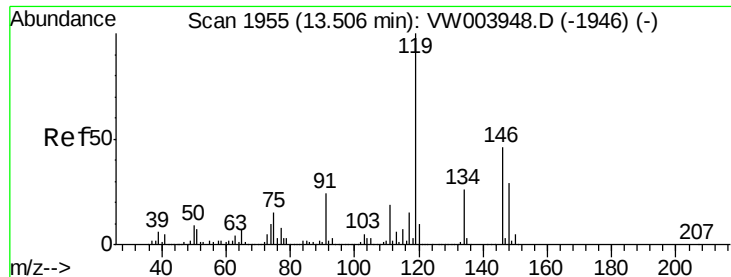
Tot Ion:105 Resp: 303966
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.01 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion:119 Resp: 267220
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.6 11.8 35.3

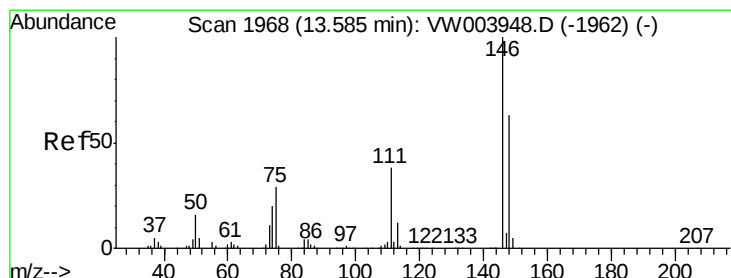
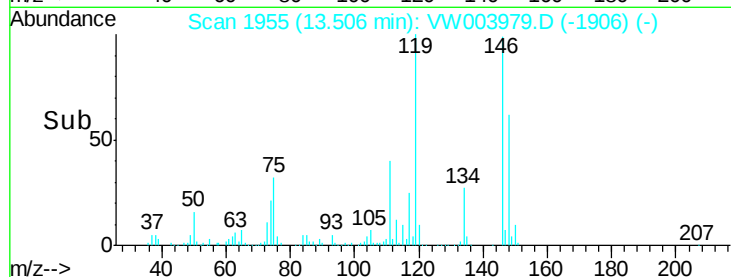
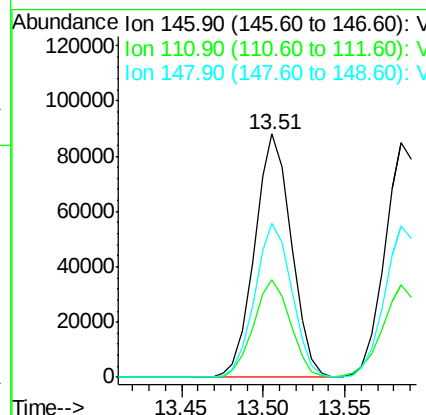
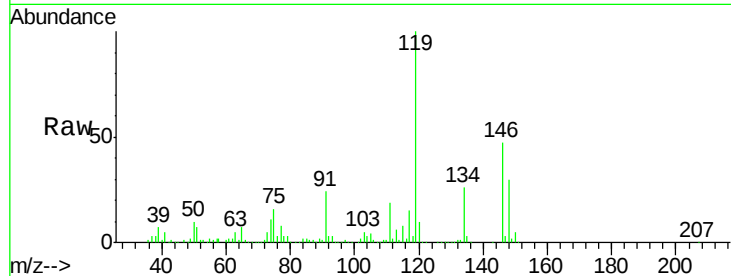




#87
 1,3-Dichlorobenzene
 Concen: 20.86 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

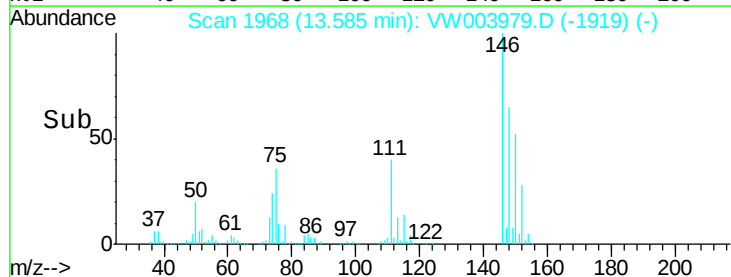
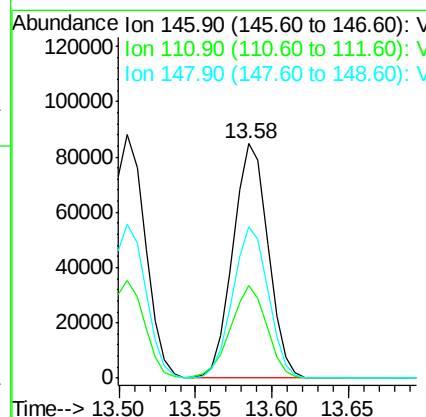
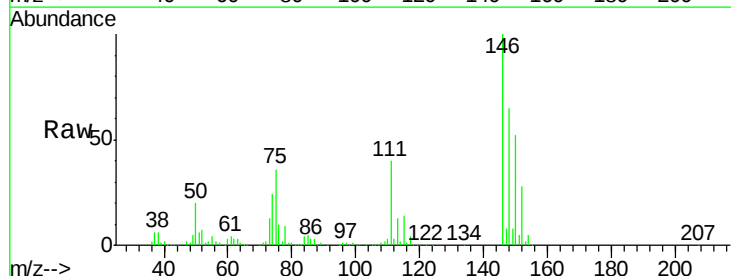
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

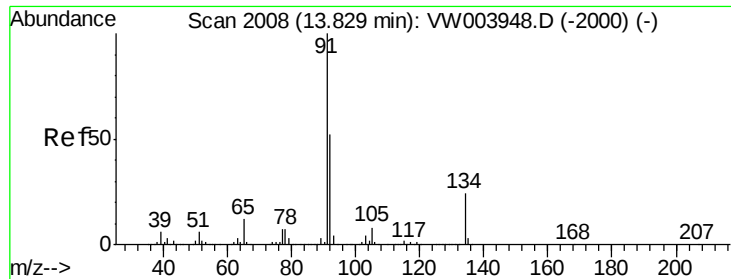
Tot Ion:146 Resp: 137931
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.6
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.47 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion:146 Resp: 135724
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.6 58.7
 148 65.1 32.3 96.8





#89

n-Butylbenzene

Concen: 20.93 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

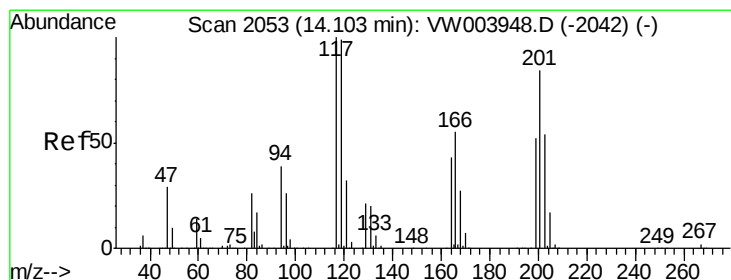
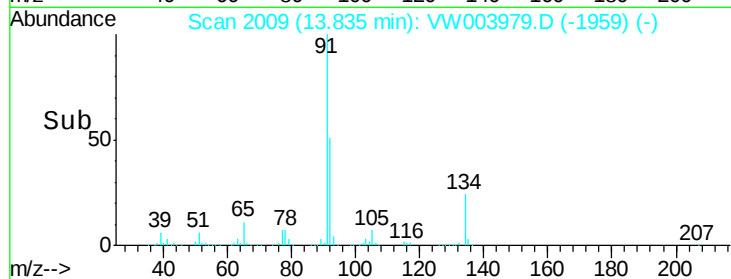
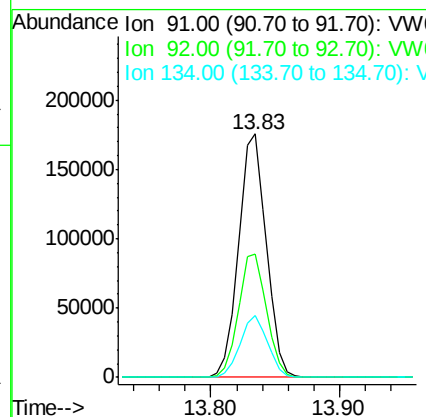
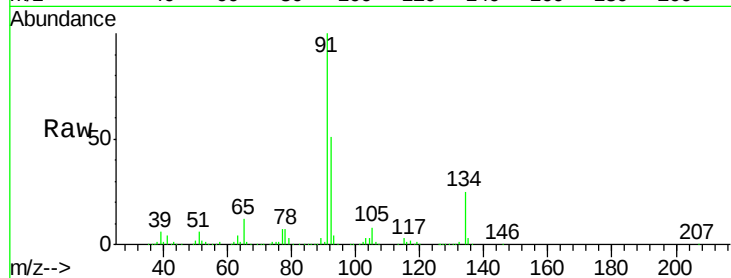
Tot Ion: 91 Resp: 261800

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.3

134 25.1 12.4 37.4



#90

Hexachloroethane

Concen: 20.53 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW003979.D

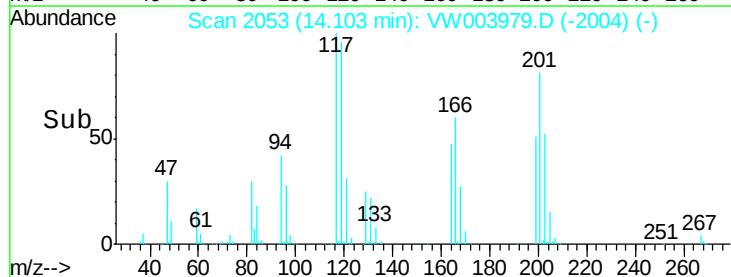
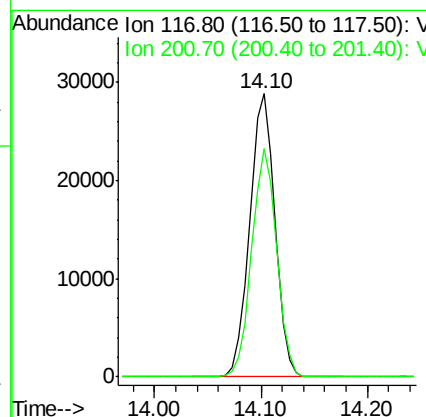
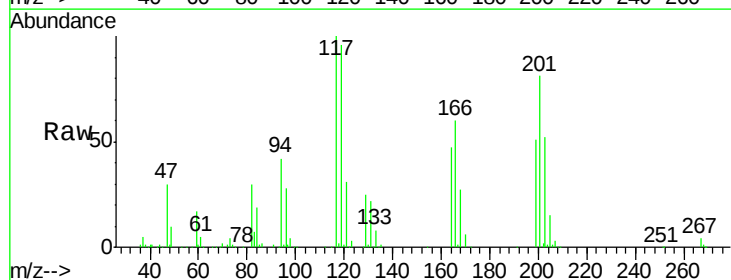
Acq: 17 Jul 2018 12:42

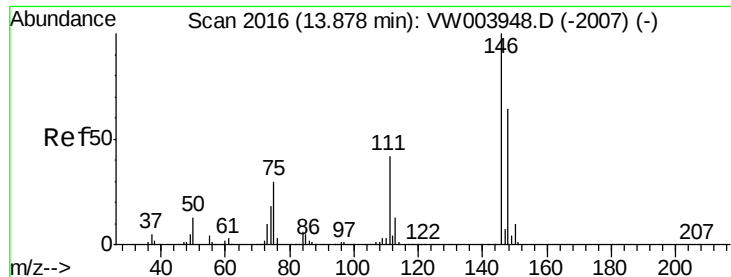
Tgt Ion: 117 Resp: 48144

Ion Ratio Lower Upper

117 100

201 79.7 40.3 120.9

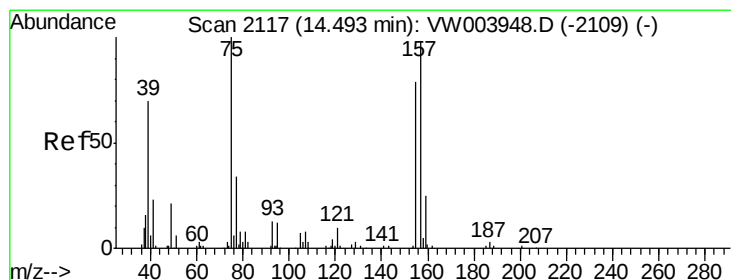
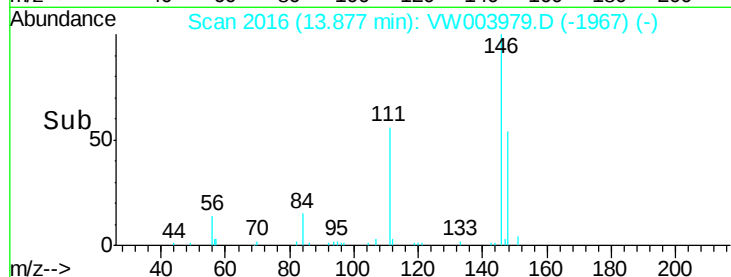
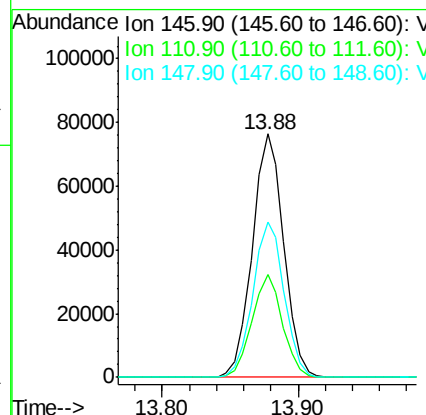
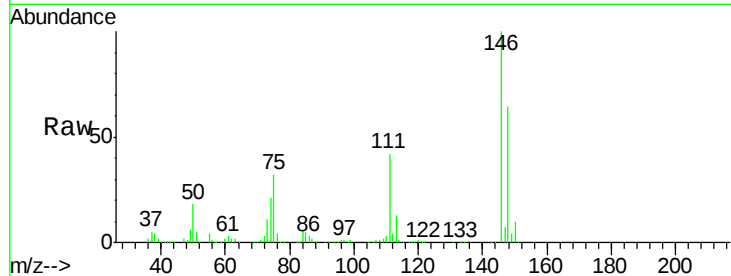




#91
 1,2-Dichlorobenzene
 Concen: 20.96 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

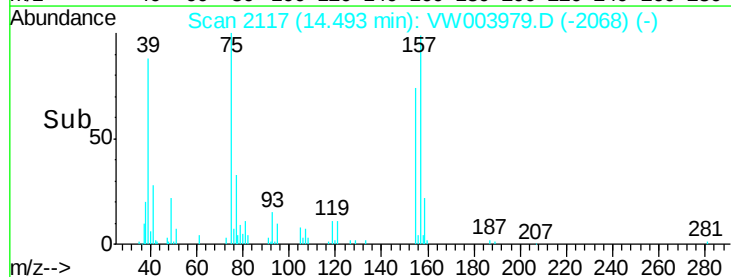
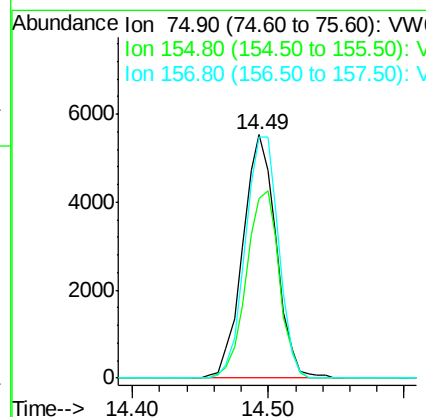
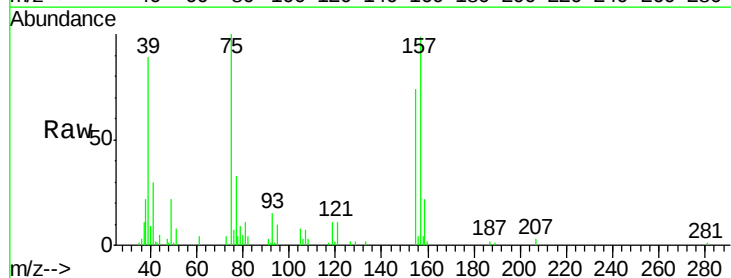
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

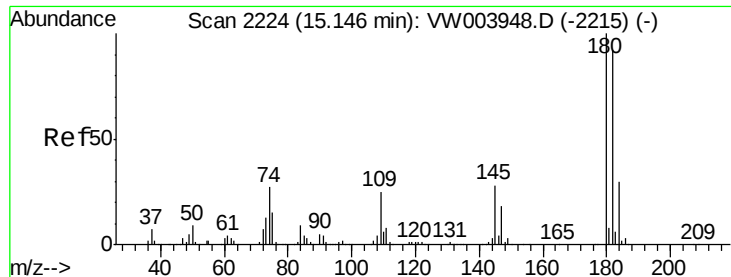
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	63.8	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.92 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	39.4	118.1
157	99.0	51.8	155.4

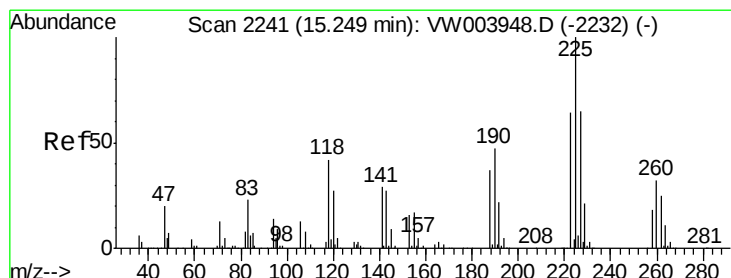
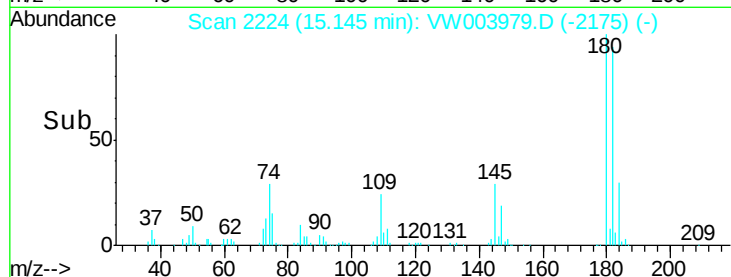
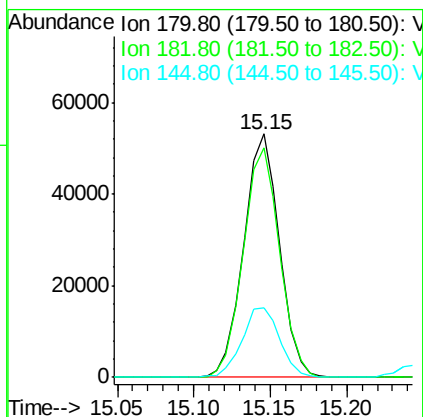
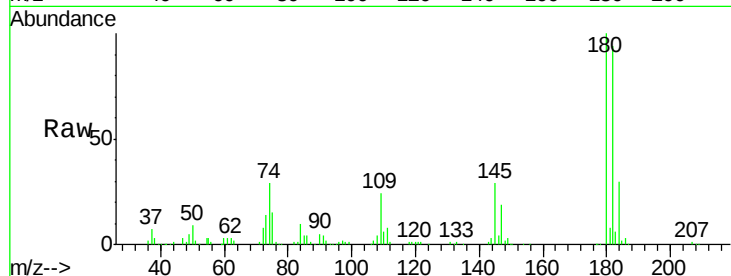




#93
 1,2,4-Trichlorobenzene
 Concen: 20.82 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

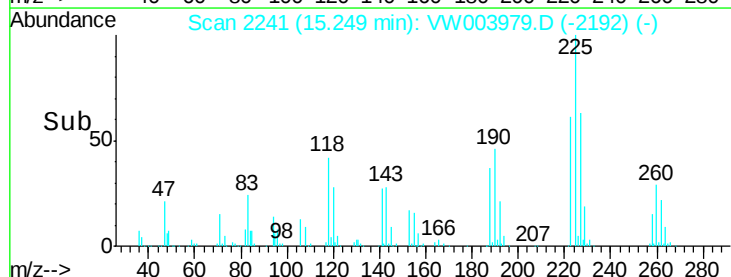
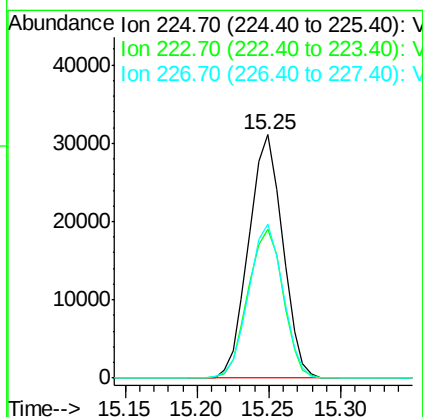
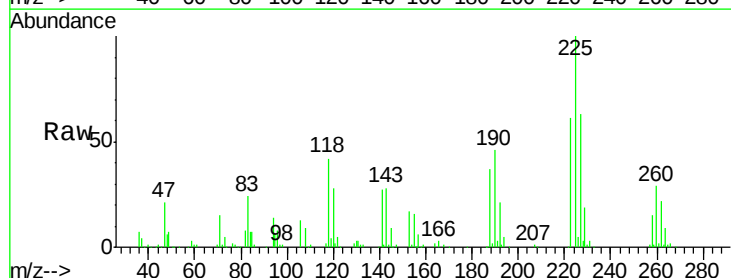
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

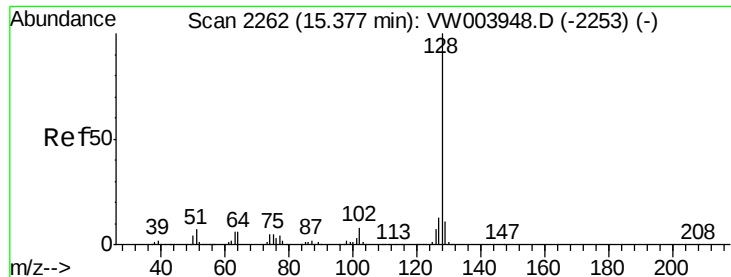
Tot Ion:180 Resp: 86154
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.8
 145 30.2 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 21.38 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion:225 Resp: 50795
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.0 96.2
 227 64.3 32.3 96.9





#95

Naphthalene

Concen: 19.36 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

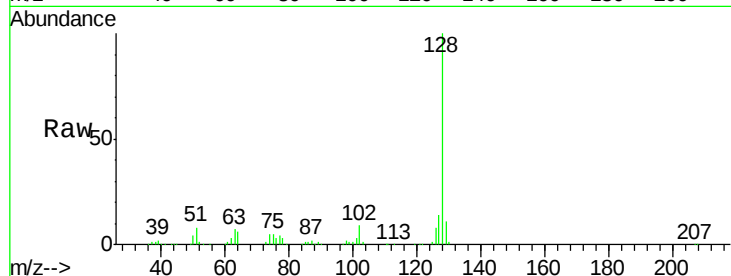
Tot Ion:128 Resp: 147818

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

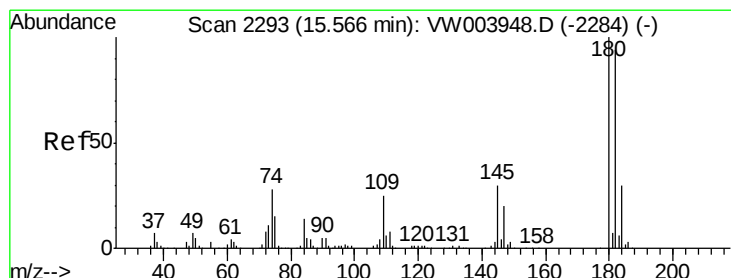
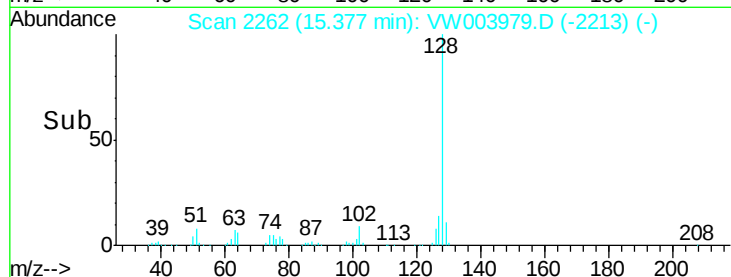
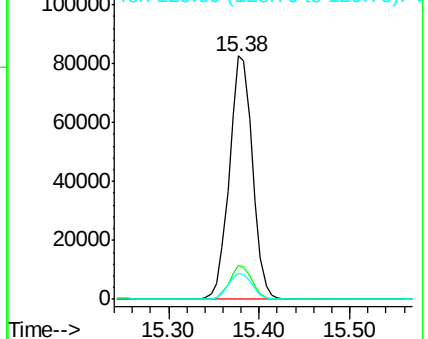
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.63 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

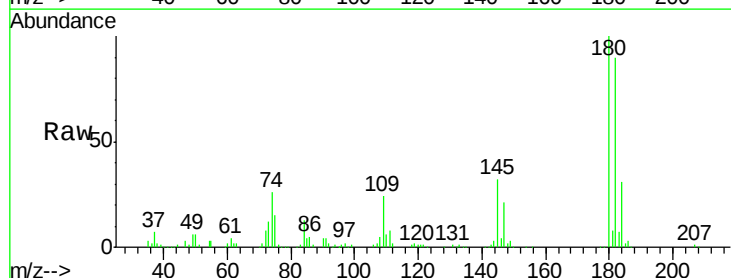
Tgt Ion:180 Resp: 75555

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.6

145 31.6 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

