

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003793.D
 Acq On : 09 Jul 2018 22:55
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 10 01:57:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	134565	50.91	ug/l	0.00
Spiked Amount						
			Recovery	=	101.82%	
35) Dibromofluoromethane	7.88	113	114210	51.77	ug/l	0.00
Spiked Amount						
			Recovery	=	103.54%	
50) Toluene-d8	10.33	98	453797	53.78	ug/l	0.00
Spiked Amount						
			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.62	95	167574	54.89	ug/l	0.00
Spiked Amount						
			Recovery	=	109.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	35182	35.787	ug/l	99
3) Chloromethane	2.21	50	79846	42.782	ug/l	97
4) Vinyl Chloride	2.36	62	107450	43.650	ug/l	97
5) Bromomethane	2.77	94	69282	39.871	ug/l	99
6) Chloroethane	2.92	64	62876	42.591	ug/l	98
7) Trichlorofluoromethane	3.25	101	50103	50.383	ug/l	92
8) Diethyl Ether	3.67	74	47800	46.902	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103155	53.340	ug/l	99
10) Methyl Iodide	4.26	142	152297	52.906	ug/l	98
11) Tert butyl alcohol	5.17	59	40217	280.736	ug/l	98
12) 1,1-Dichloroethene	4.03	96	102464	53.960	ug/l	93
13) Acrolein	3.88	56	59331	344.915	ug/l	100
14) Allyl chloride	4.66	41	171250	51.872	ug/l	99
15) Acrylonitrile	5.36	53	140891	276.064	ug/l	100
16) Acetone	4.12	43	126761	276.393	ug/l	99
17) Carbon Disulfide	4.37	76	319555	51.331	ug/l	100
18) Methyl Acetate	4.67	43	70238	54.320	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	209597	53.417	ug/l	99
20) Methylene Chloride	4.90	84	116180	52.171	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	115700	51.468	ug/l	100
22) Diisopropyl ether	6.31	45	385175	53.069	ug/l	99
23) Vinyl Acetate	6.26	43	1176095	265.448	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221695	50.503	ug/l	100
25) 2-Butanone	7.18	43	193604	269.518	ug/l	97
26) 2,2-Dichloropropane	7.17	77	114122	47.931	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	127027	51.099	ug/l	99
28) Bromochloromethane	7.51	49	97025	49.616	ug/l	100
29) Tetrahydrofuran	7.53	42	129806	281.103	ug/l	99
30) Chloroform	7.68	83	229248	51.195	ug/l	100
31) Cyclohexane	7.95	56	189511	49.129	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	176023	51.648	ug/l	99
36) 1,1-Dichloropropene	8.08	75	177709	53.138	ug/l	100
37) Ethyl Acetate	7.26	43	87331	53.668	ug/l	100
38) Carbon Tetrachloride	8.07	117	167334	52.626	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003793.D
 Acq On : 09 Jul 2018 22:55
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 10 01:57:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199768	54.540	ug/l	99
40) Benzene	8.32	78	507106	53.040	ug/l	99
41) Methacrylonitrile	7.49	41	46660	49.848	ug/l	95
42) 1,2-Dichloroethane	8.40	62	163852	52.953	ug/l	100
43) Isopropyl Acetate	8.43	43	163320	52.957	ug/l	99
44) Trichloroethene	9.09	130	128063	53.131	ug/l	97
45) 1,2-Dichloropropane	9.37	63	132436	53.274	ug/l	99
46) Dibromomethane	9.46	93	70592	54.005	ug/l	99
47) Bromodichloromethane	9.65	83	171999	53.487	ug/l	100
48) Methyl methacrylate	9.44	41	81376	55.405	ug/l	98
49) 1,4-Dioxane	9.45	88	23594	1207.716	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	459631	288.005	ug/l	100
52) Toluene	10.39	92	323811	54.619	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	171657	53.463	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	194228	53.588	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97834	53.889	ug/l	95
56) Ethyl methacrylate	10.65	69	125544	56.668	ug/l	99
57) 1,3-Dichloropropane	10.93	76	169548	53.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	299810	256.655	ug/l	99
59) 2-Hexanone	10.98	43	322477	294.260	ug/l	99
60) Dibromochloromethane	11.13	129	116744	55.088	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94247	54.285	ug/l	100
64) Tetrachloroethene	10.87	164	120619	52.857	ug/l	98
65) Chlorobenzene	11.66	112	354140	52.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	126439	53.202	ug/l	99
67) Ethyl Benzene	11.74	91	629696	54.148	ug/l	98
68) m/p-Xylenes	11.85	106	490267	110.094	ug/l	99
69) o-Xylene	12.17	106	228147	55.523	ug/l	99
70) Styrene	12.19	104	395846	56.651	ug/l	99
71) Bromoform	12.35	173	71594	54.586	ug/l #	98
73) Isopropylbenzene	12.47	105	623676	53.672	ug/l	100
74) N-amyl acetate	12.28	43	167941	53.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	122579	52.036	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	162559	96.478	ug/l #	100
77) Bromobenzene	12.75	156	150417	52.141	ug/l	98
78) n-propylbenzene	12.81	91	789727	54.139	ug/l	100
79) 2-Chlorotoluene	12.90	91	444004	52.982	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	545825	54.500	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	36362	52.792	ug/l	98
82) 4-Chlorotoluene	12.99	91	475203	52.733	ug/l	100
83) tert-Butylbenzene	13.21	119	454072	54.975	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	560045	53.828	ug/l	98
85) sec-Butylbenzene	13.39	105	667969	54.061	ug/l	100
86) p-Isopropyltoluene	13.51	119	594380	55.052	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	303921	51.999	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	300900	51.196	ug/l	100
89) n-Butylbenzene	13.83	91	571556	53.817	ug/l	100
90) Hexachloroethane	14.10	117	107715	51.792	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	274267	52.136	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21787	53.431	ug/l	98

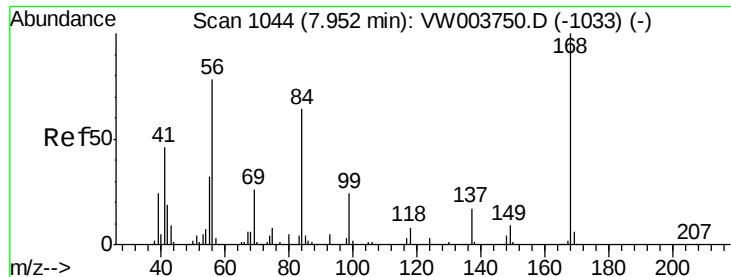
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
Data File : VW003793.D
Acq On : 09 Jul 2018 22:55
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jul 10 01:57:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185653	52.138	ug/l	100
94) Hexachlorobutadiene	15.24	225	104596	51.354	ug/l	98
95) Naphthalene	15.38	128	354161	55.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	166662	52.272	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

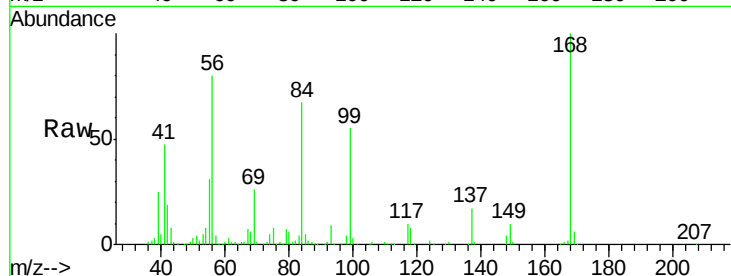
VSTDCCC050

Tot Ion:168 Resp: 202140

Ion Ratio Lower Upper

168 100

99 55.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

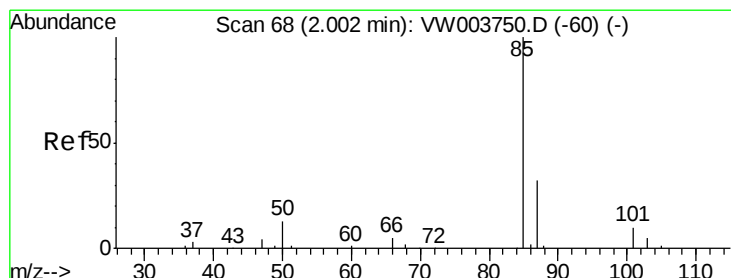
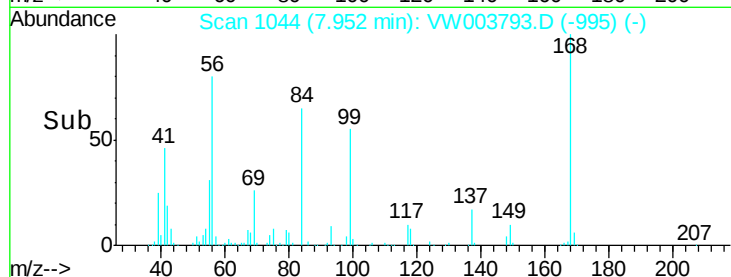
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 35.787 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003793.D

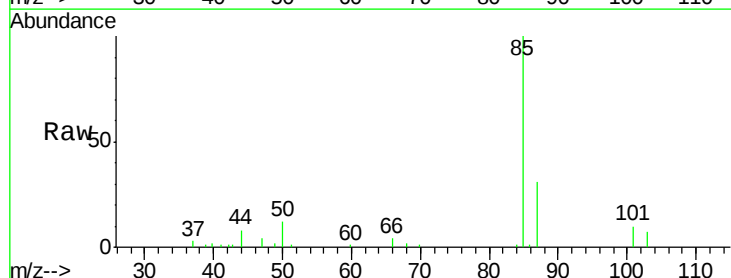
Acq: 09 Jul 2018 22:55

Tgt Ion: 85 Resp: 35182

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

12000

10000

8000

6000

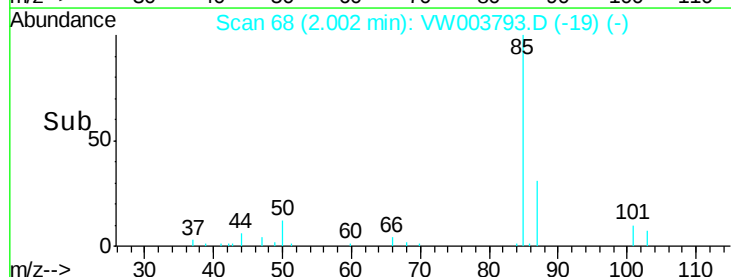
4000

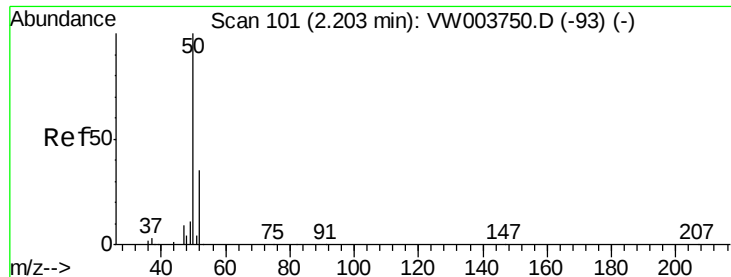
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 42.782 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

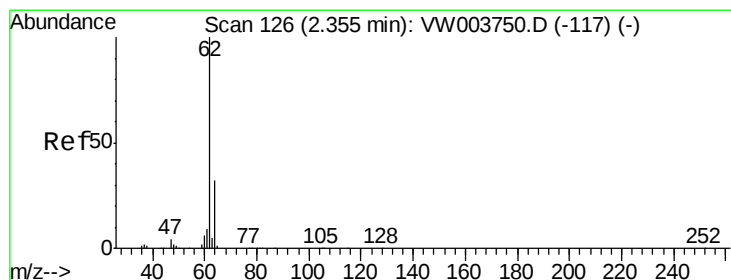
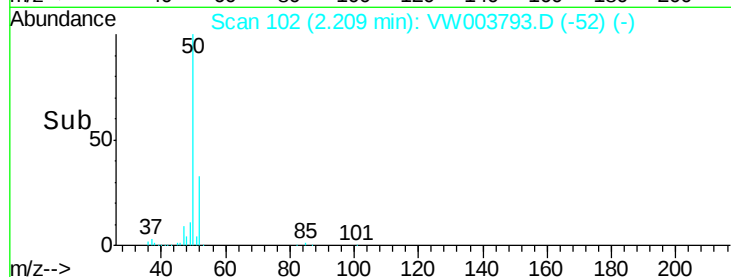
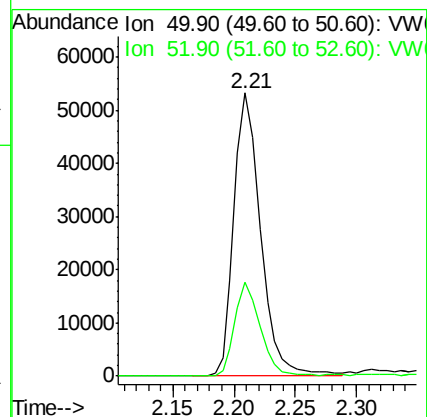
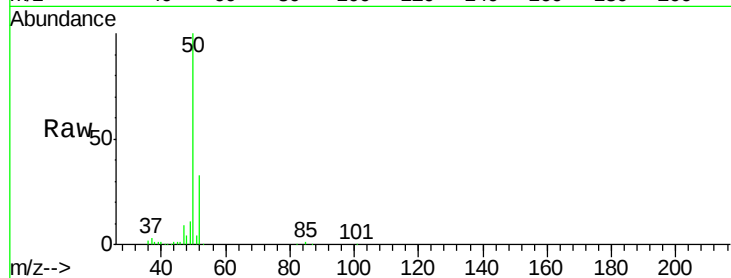
VSTDCCC050

Tot Ion: 50 Resp: 79846

Ion Ratio Lower Upper

50 100

52 33.1 27.8 41.6



#4

Vinyl Chloride

Concen: 43.650 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003793.D

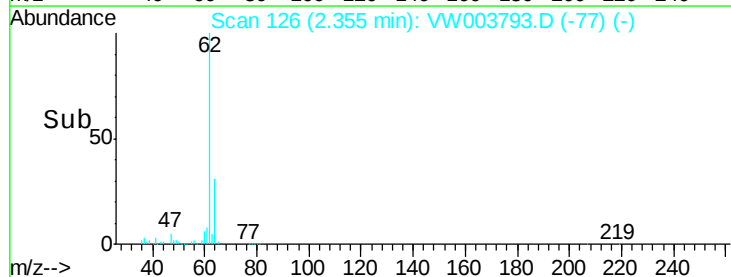
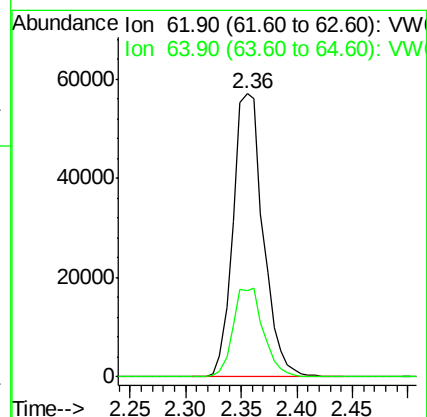
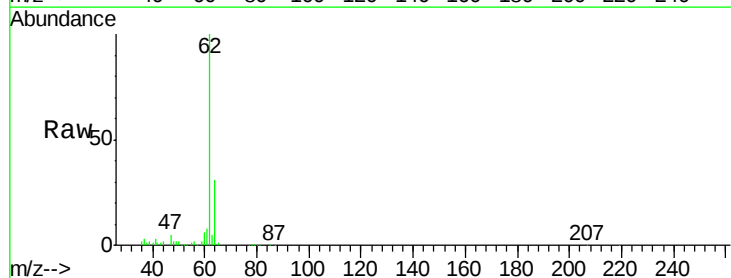
Acq: 09 Jul 2018 22:55

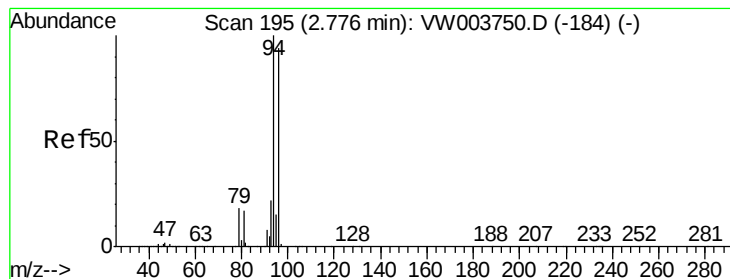
Tgt Ion: 62 Resp: 107450

Ion Ratio Lower Upper

62 100

64 30.5 25.8 38.8





#5

Bromomethane

Concen: 39.871 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

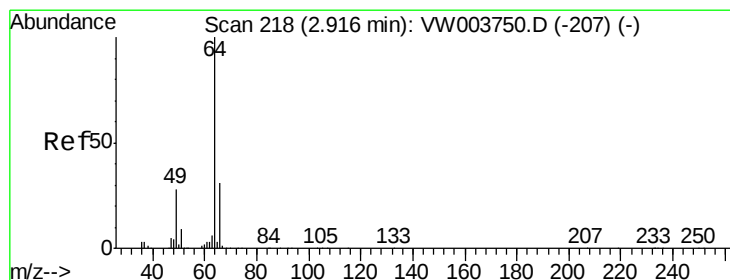
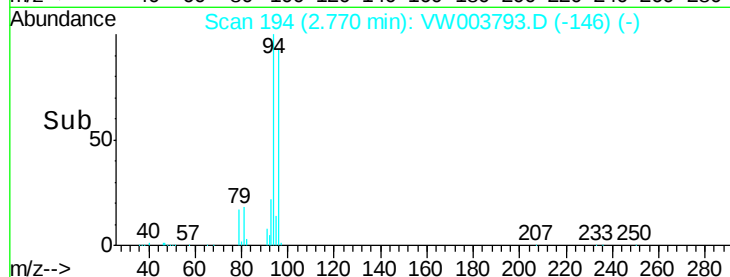
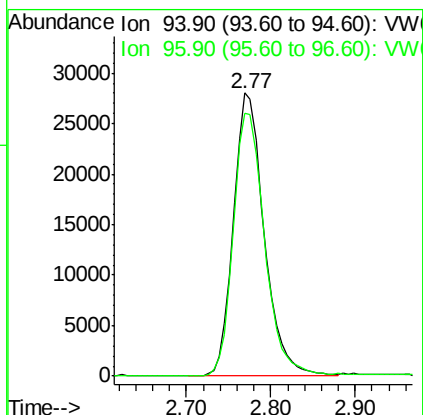
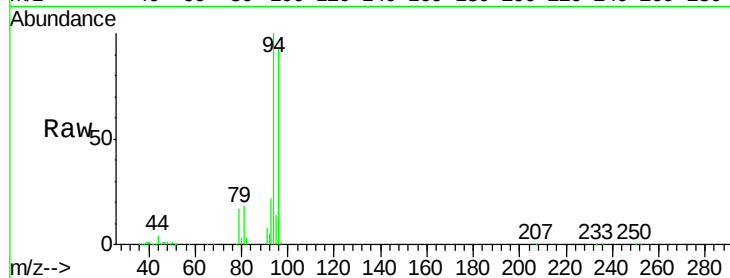
VSTDCCC050

Tot Ion: 94 Resp: 69282

Ion Ratio Lower Upper

94 100

96 92.7 74.8 112.2



#6

Chloroethane

Concen: 42.591 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003793.D

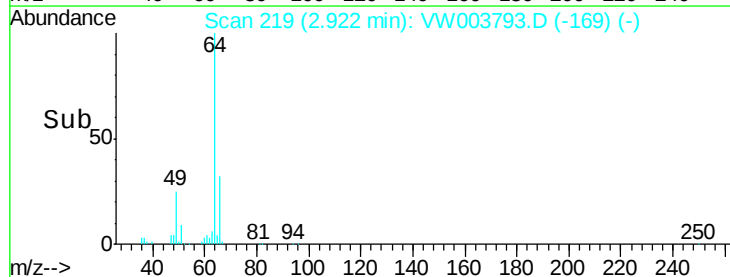
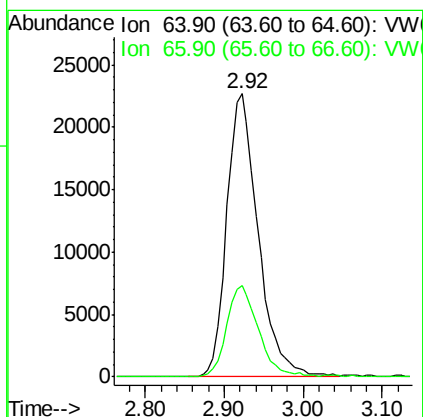
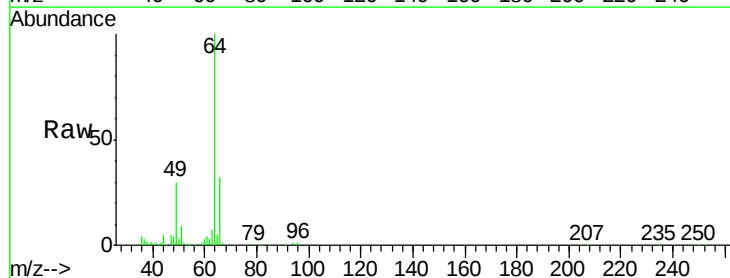
Acq: 09 Jul 2018 22:55

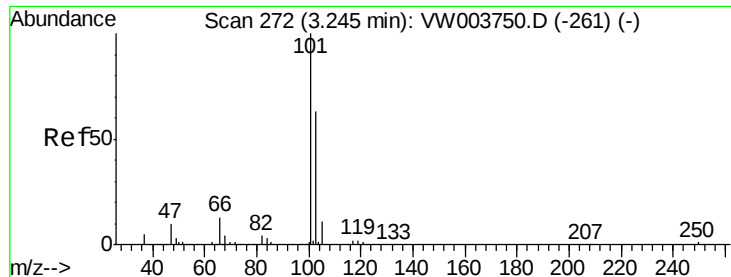
Tgt Ion: 64 Resp: 62876

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7



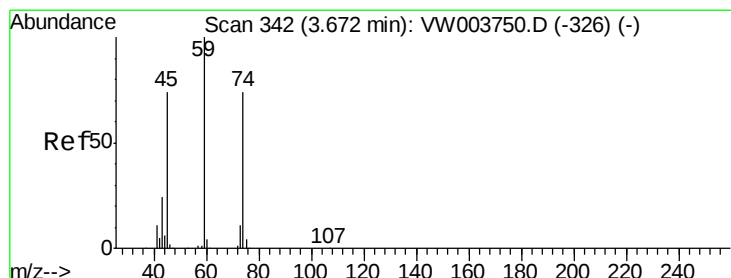
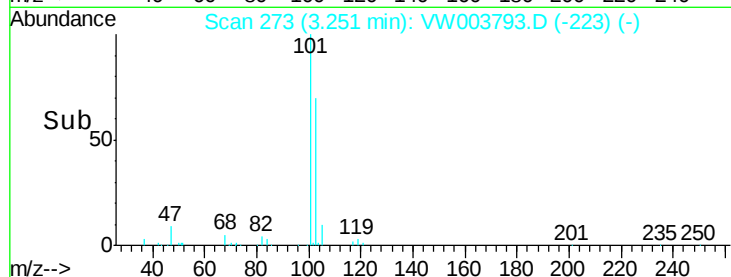
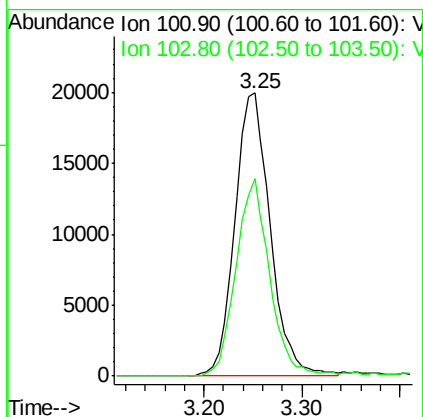
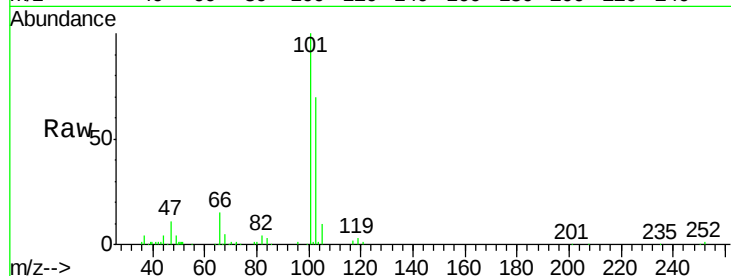


#7

Trichlorofluoromethane
Concen: 50.383 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

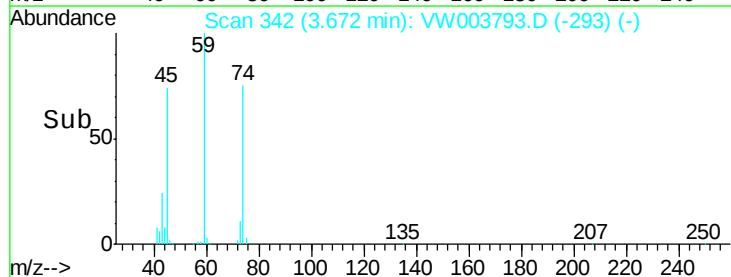
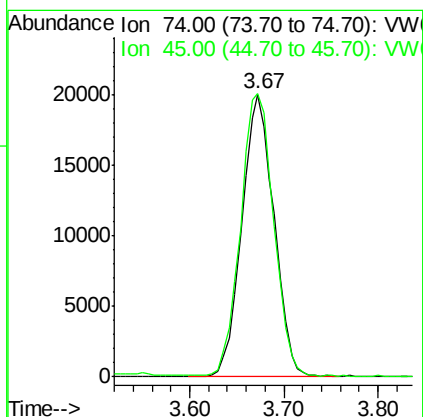
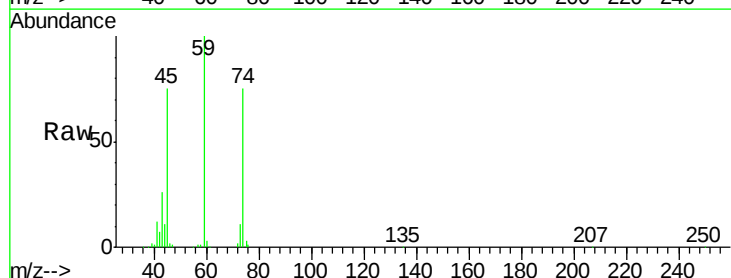
Tot Ion:101 Resp: 50103
Ion Ratio Lower Upper
101 100
103 69.9 50.7 76.1

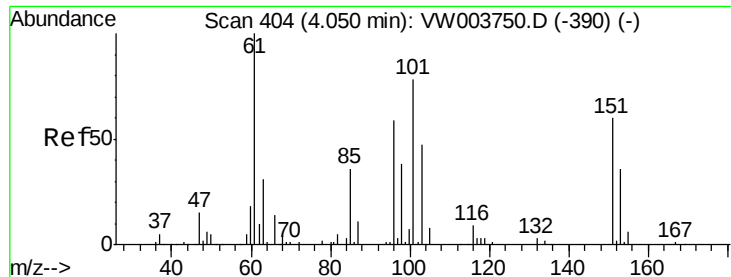


#8

Diethyl Ether
Concen: 46.902 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 74 Resp: 47800
Ion Ratio Lower Upper
74 100
45 102.9 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.340 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

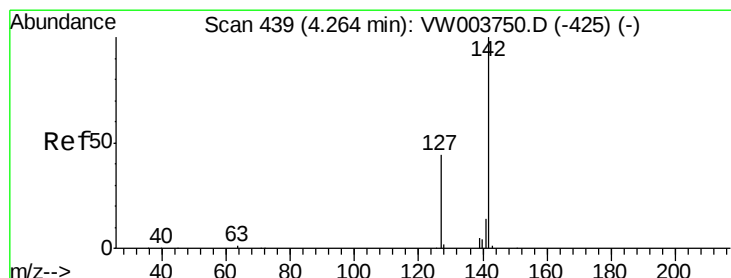
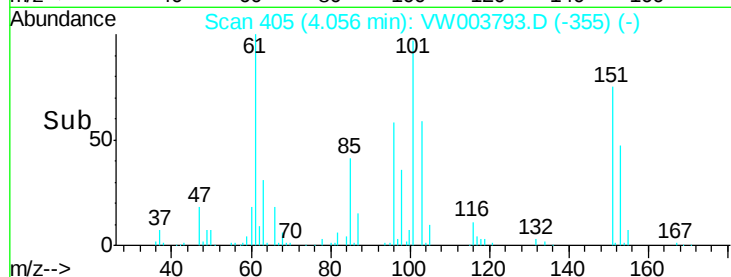
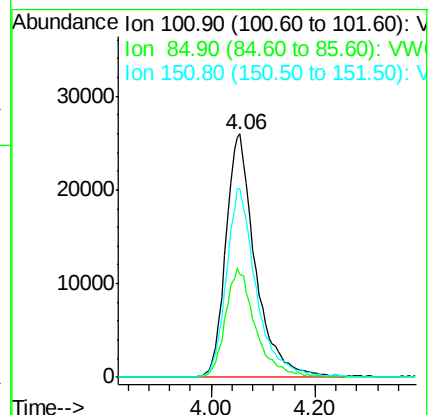
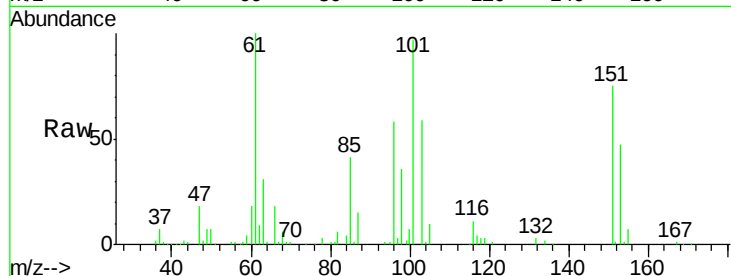
Tot Ion:101 Resp: 103155

Ion Ratio Lower Upper

101 100

85 45.4 37.1 55.7

151 78.3 62.3 93.5



#10

Methyl Iodide

Concen: 52.906 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

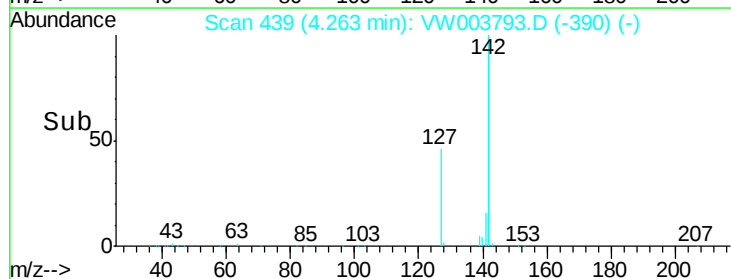
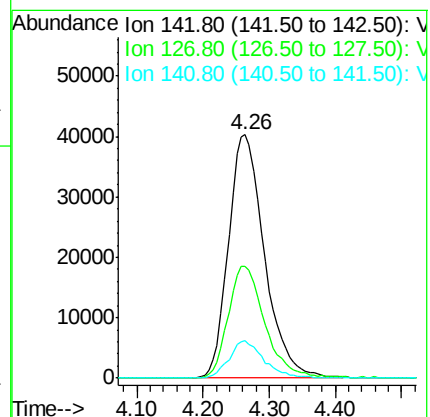
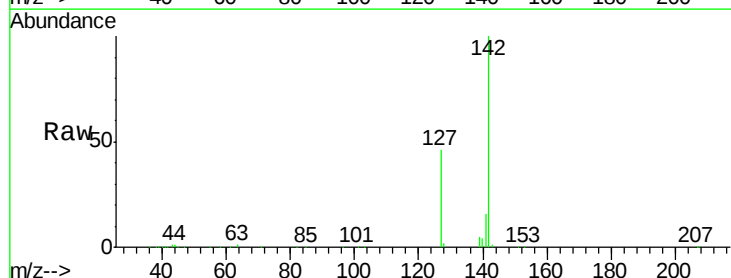
Tgt Ion:142 Resp: 152297

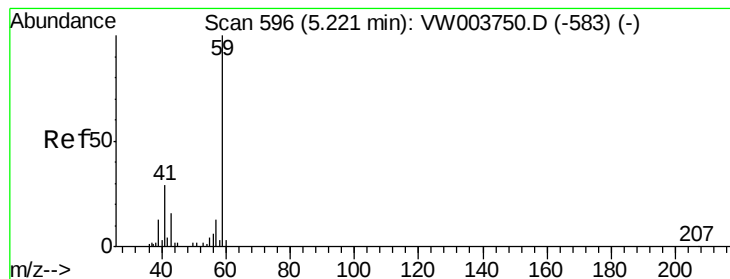
Ion Ratio Lower Upper

142 100

127 46.7 36.1 54.1

141 14.8 11.6 17.4



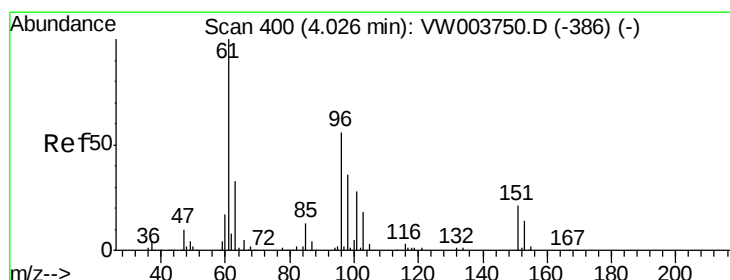
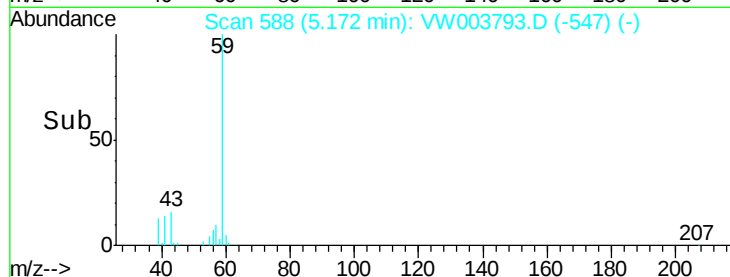
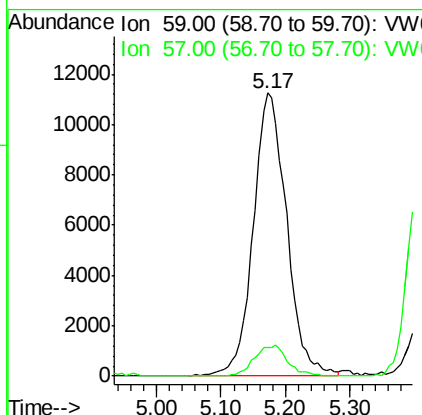
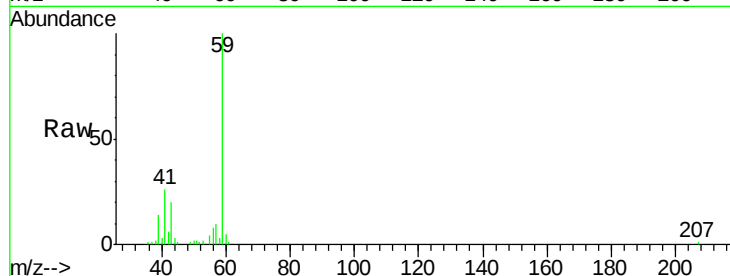


#11

Tert butyl alcohol
 Concen: 280.736 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

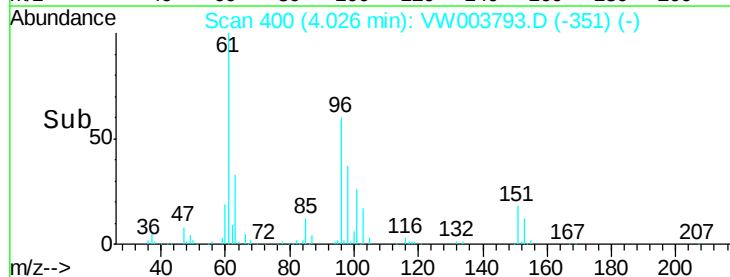
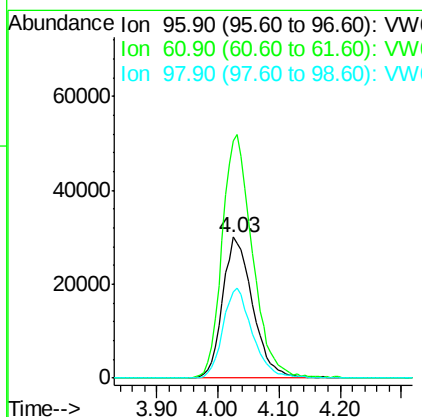
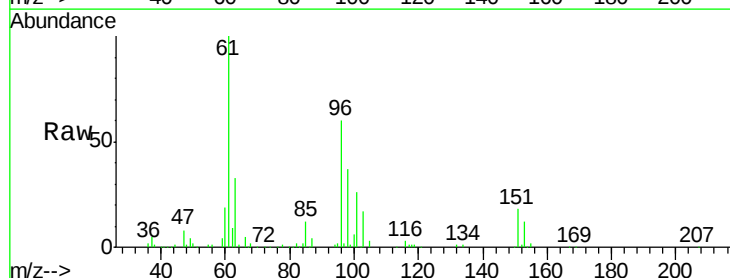
Tot Ion: 59 Resp: 40217
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.3 13.9

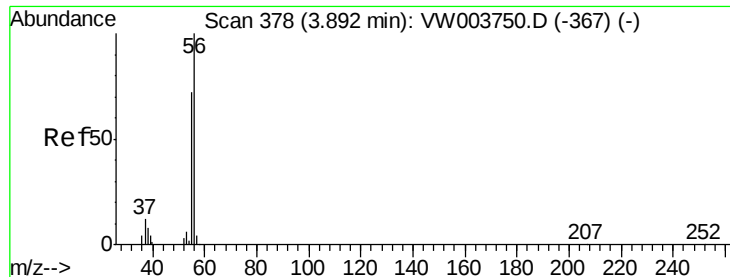


#12

1,1-Dichloroethene
 Concen: 53.960 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion: 96 Resp: 102464
 Ion Ratio Lower Upper
 96 100
 61 168.0 143.2 214.8
 98 61.5 51.4 77.0





#13

Acrolein

Concen: 344.915 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

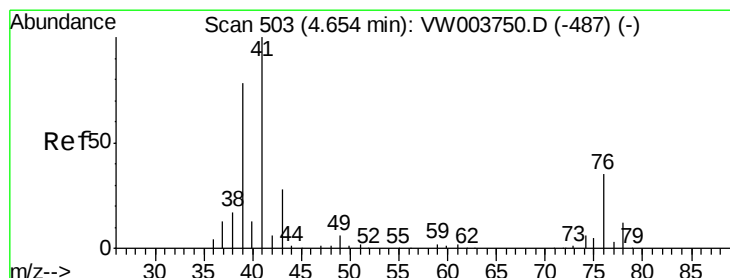
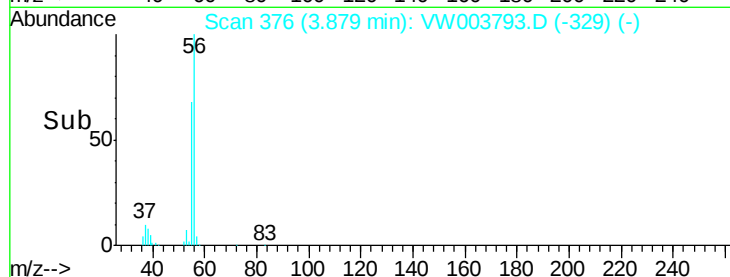
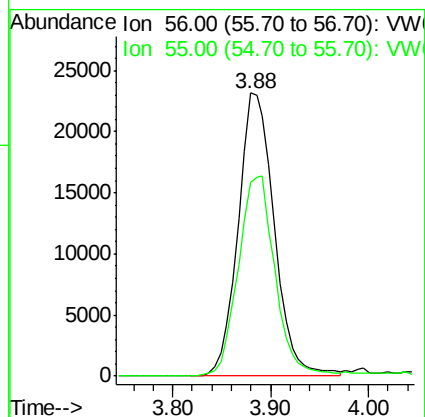
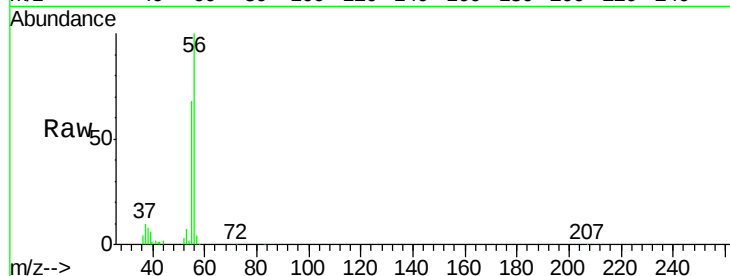
VSTDCCC050

Tot Ion: 56 Resp: 59331

Ion Ratio Lower Upper

56 100

55 71.8 57.5 86.3



#14

Allyl chloride

Concen: 51.872 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

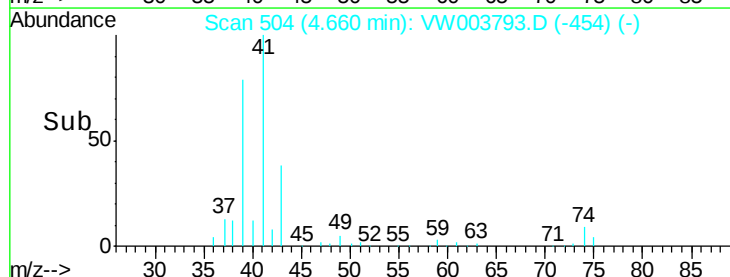
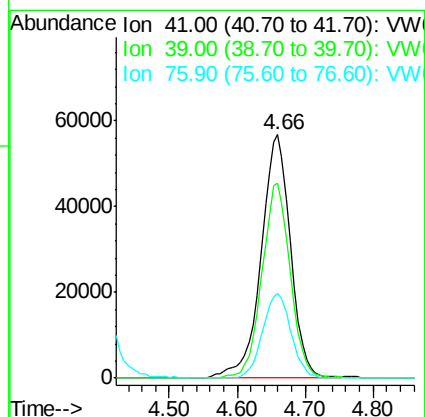
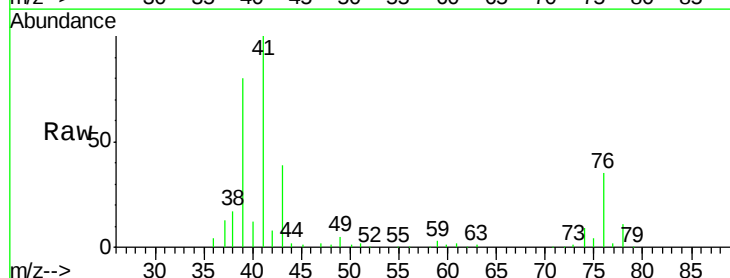
Tgt Ion: 41 Resp: 171250

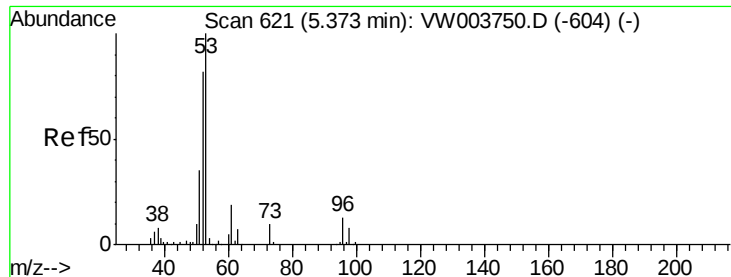
Ion Ratio Lower Upper

41 100

39 77.3 60.9 91.3

76 33.7 27.5 41.3





#15

Acrylonitrile

Concen: 276.064 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

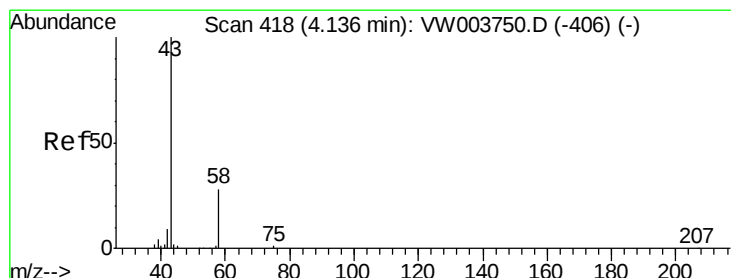
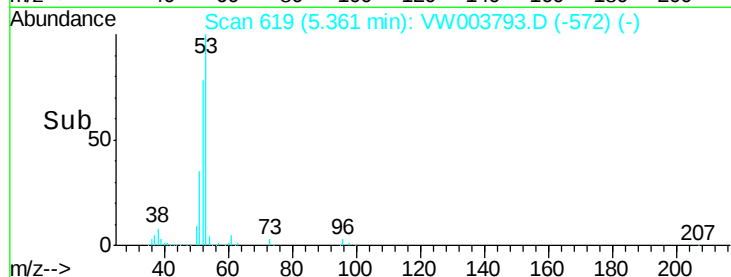
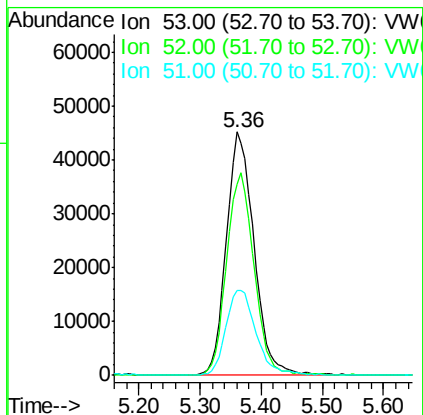
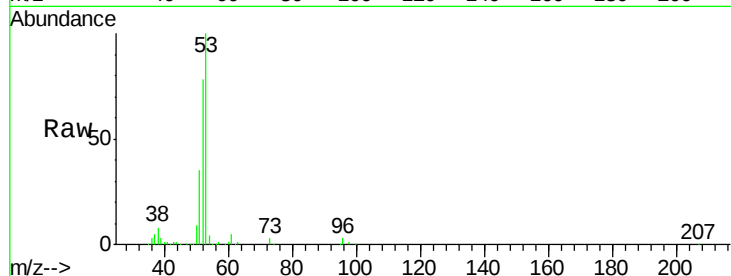
Tot Ion: 53 Resp: 140891

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.2

51 38.1 30.2 45.4



#16

Acetone

Concen: 276.393 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003793.D

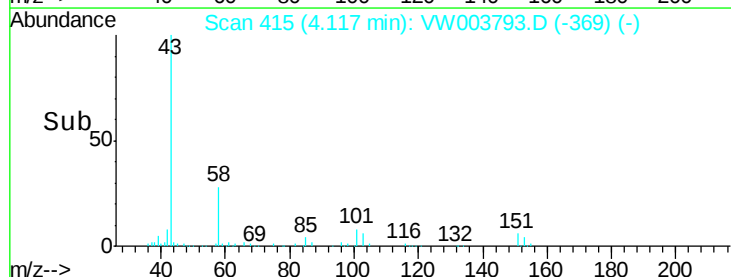
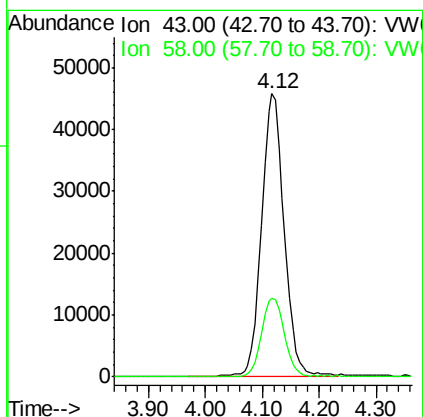
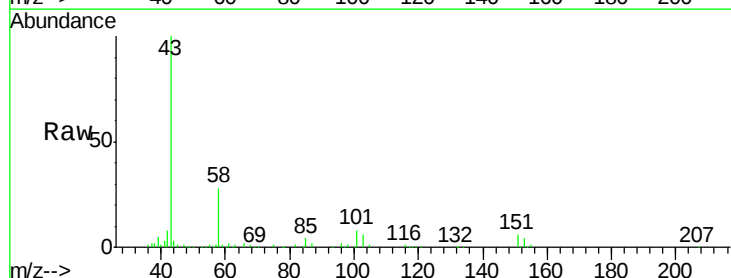
Acq: 09 Jul 2018 22:55

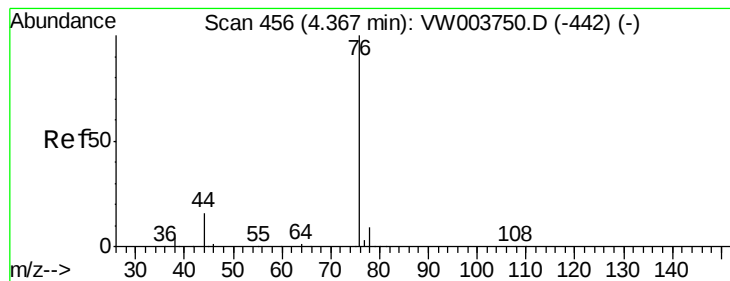
Tgt Ion: 43 Resp: 126761

Ion Ratio Lower Upper

43 100

58 27.6 22.6 34.0





#17

Carbon Disulfide

Concen: 51.331 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

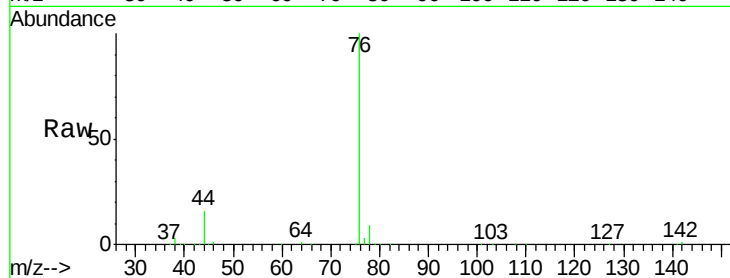
VSTDCCC050

Tot Ion: 76 Resp: 319555

Ion Ratio Lower Upper

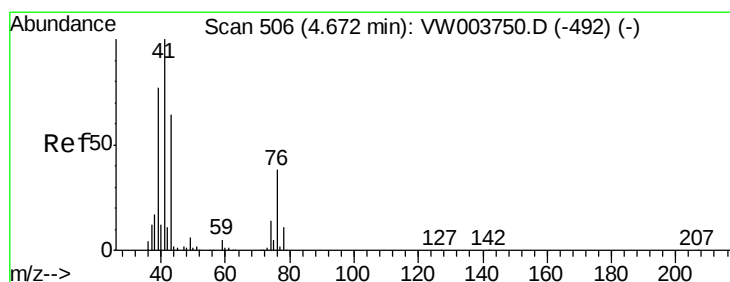
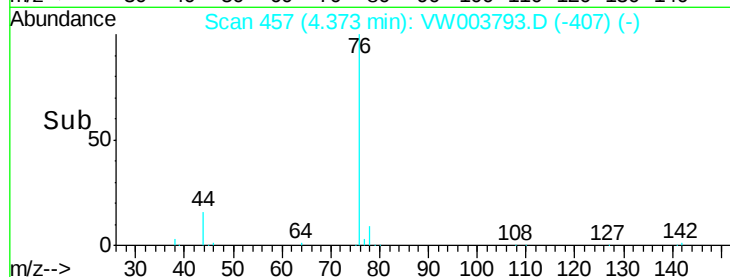
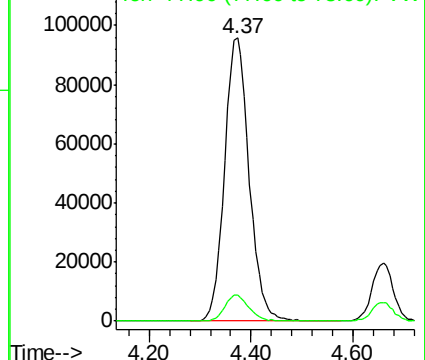
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 54.320 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW003793.D

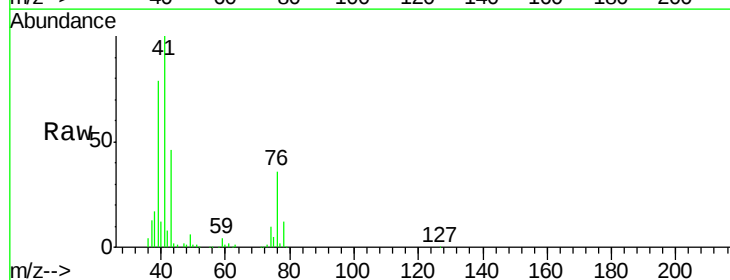
Acq: 09 Jul 2018 22:55

Tgt Ion: 43 Resp: 70238

Ion Ratio Lower Upper

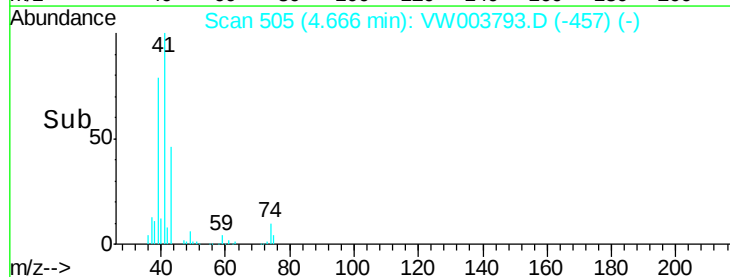
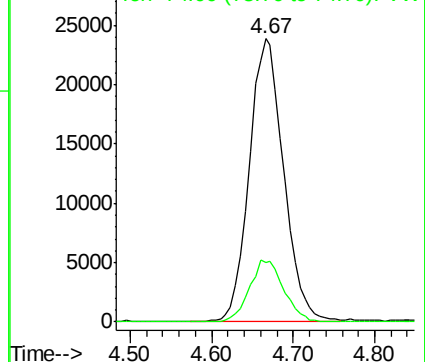
43 100

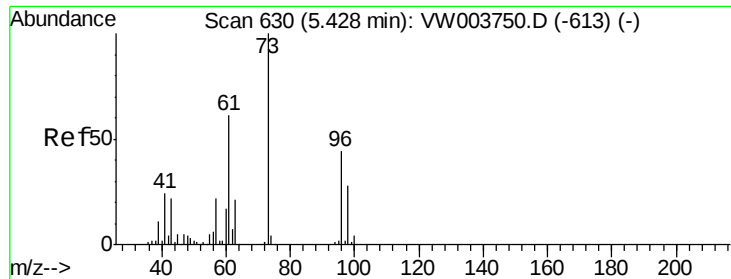
74 21.8 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

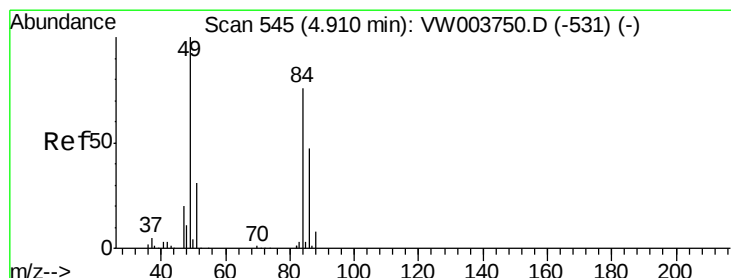
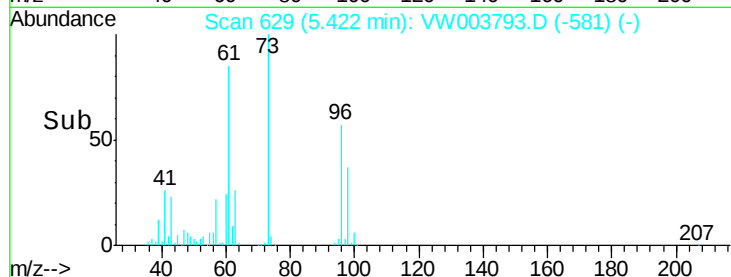
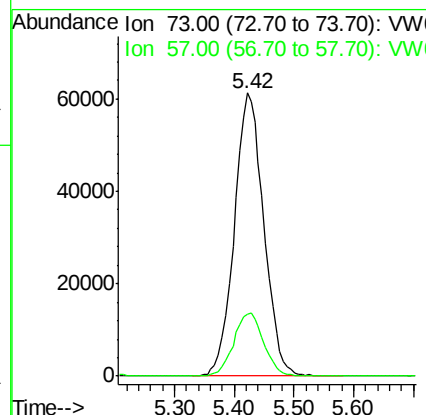
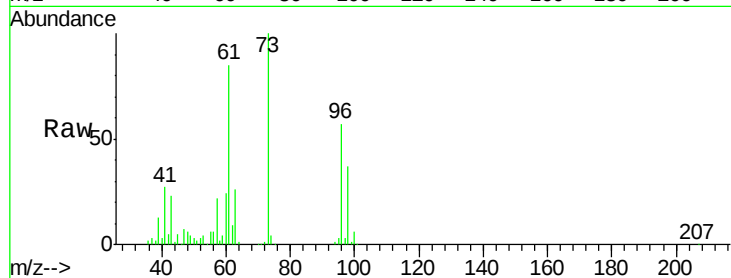




#19
Methyl tert-butyl Ether
Concen: 53.417 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

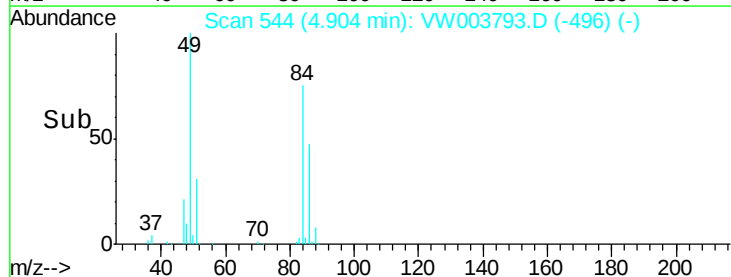
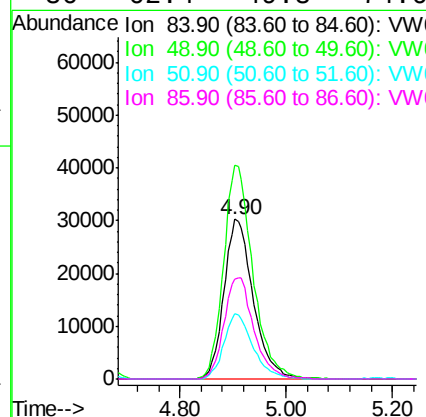
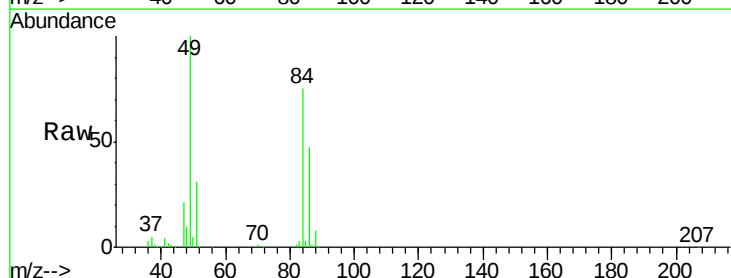
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

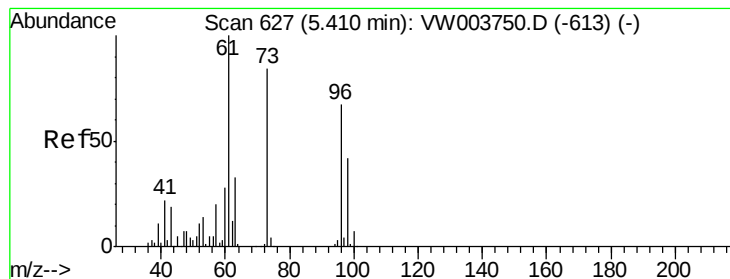
Tot Ion: 73 Resp: 209597
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 52.171 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 84 Resp: 116180
Ion Ratio Lower Upper
84 100
49 133.8 105.1 157.7
51 40.9 32.5 48.7
86 62.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 51.468 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

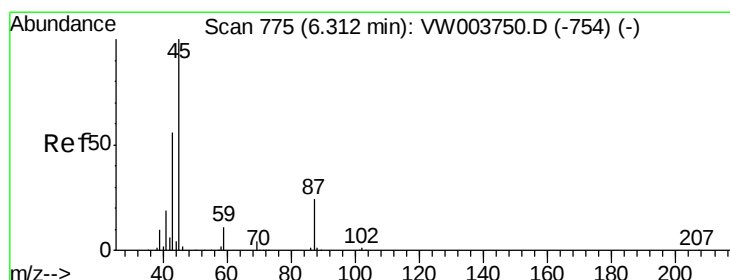
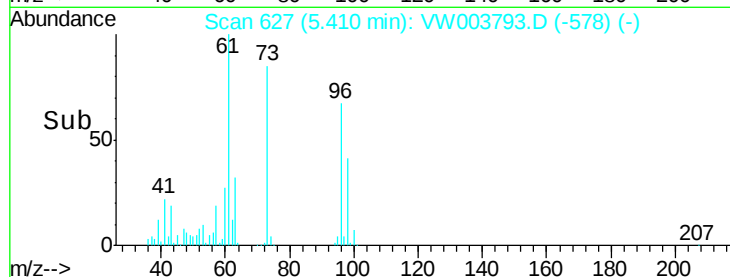
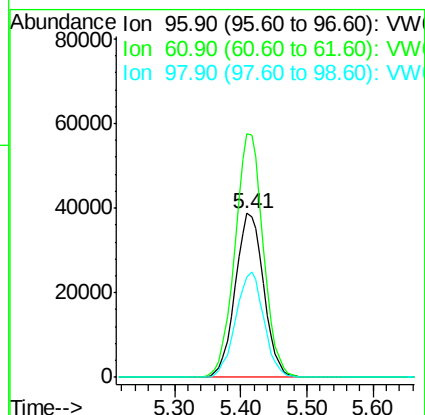
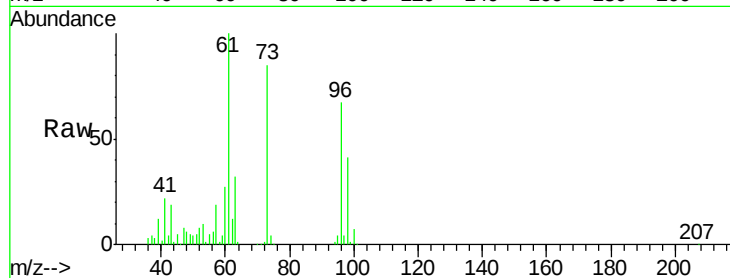
Tot Ion: 96 Resp: 115700

Ion Ratio Lower Upper

96 100

61 148.6 119.0 178.6

98 61.6 49.8 74.8



#22

Diisopropyl ether

Concen: 53.069 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion: 45 Resp: 385175

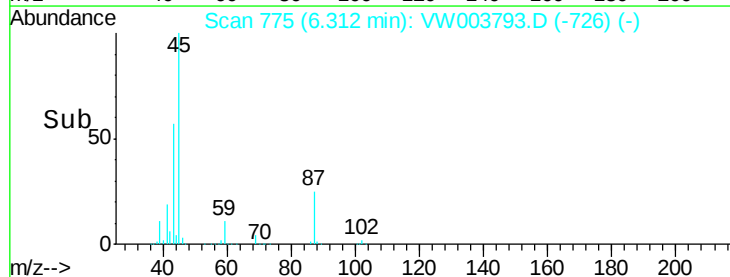
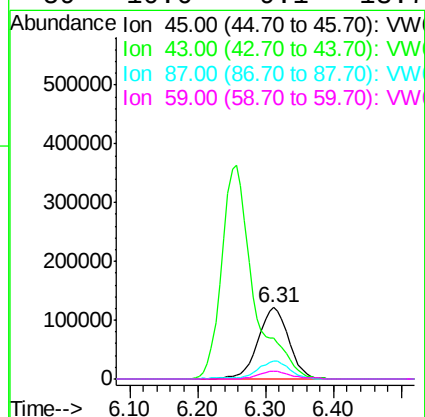
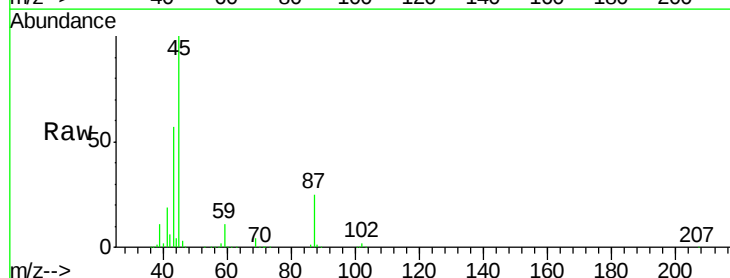
Ion Ratio Lower Upper

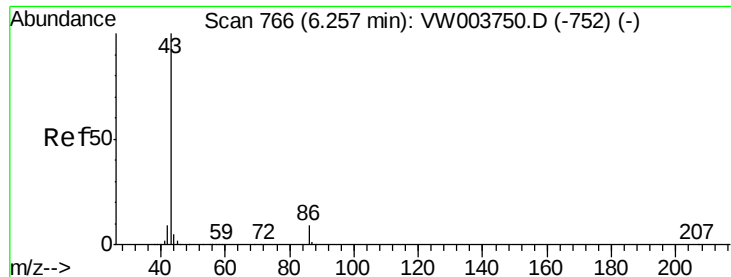
45 100

43 56.4 44.5 66.7

87 25.2 19.6 29.4

59 10.6 9.1 13.7





#23

Vinyl Acetate

Concen: 265.448 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

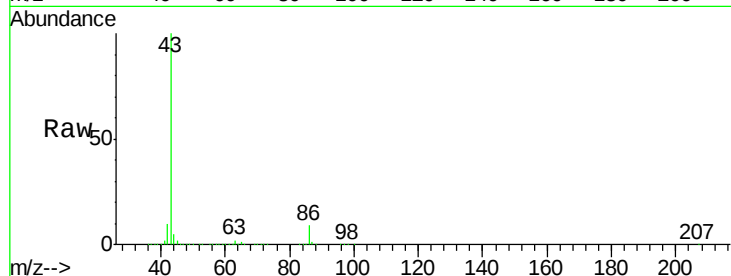
VSTDCCC050

Tot Ion: 43 Resp: 1176095

Ion Ratio Lower Upper

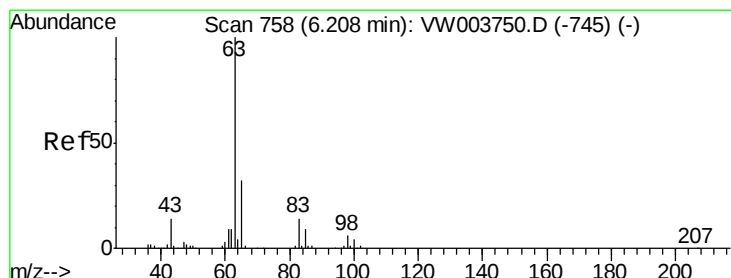
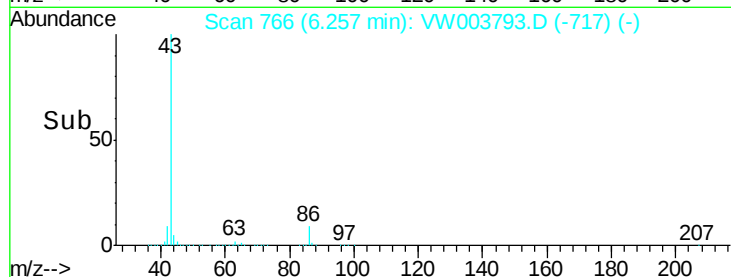
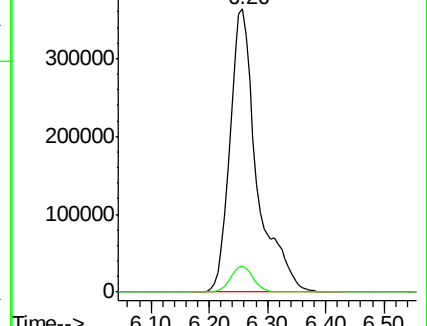
43 100

86 9.2 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.503 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

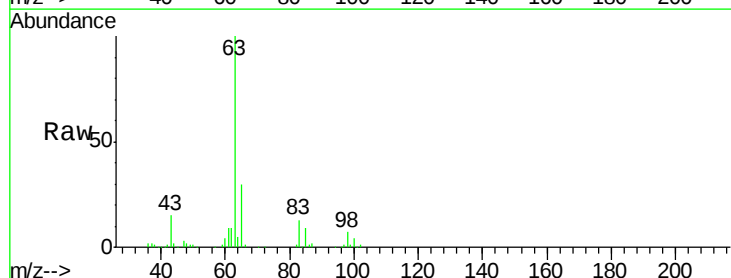
Tgt Ion: 63 Resp: 221695

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

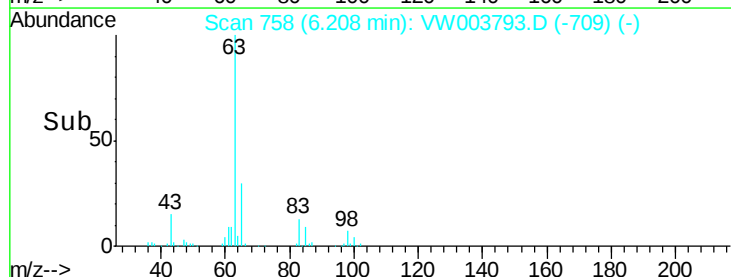
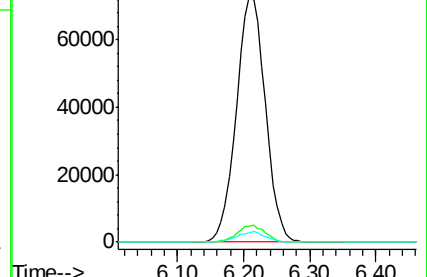
100 4.0 2.1 6.2

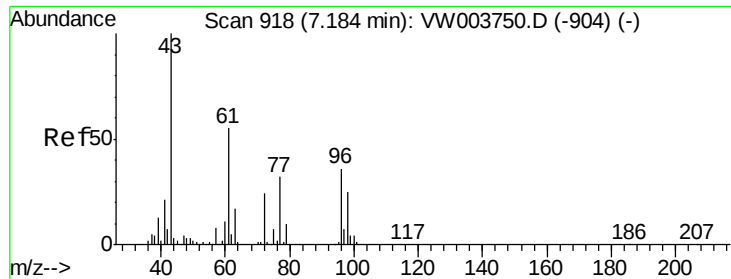


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

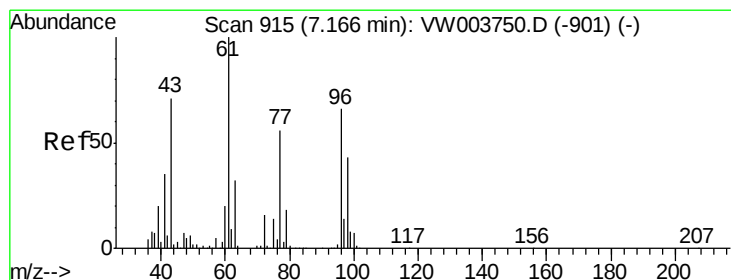
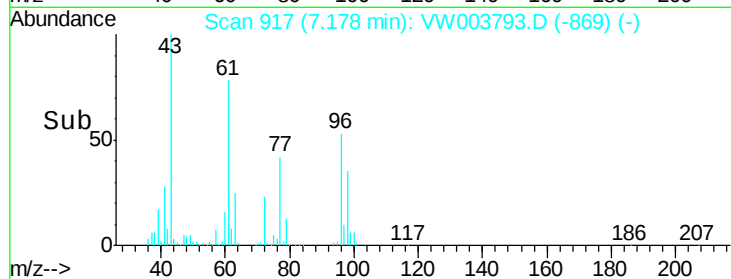
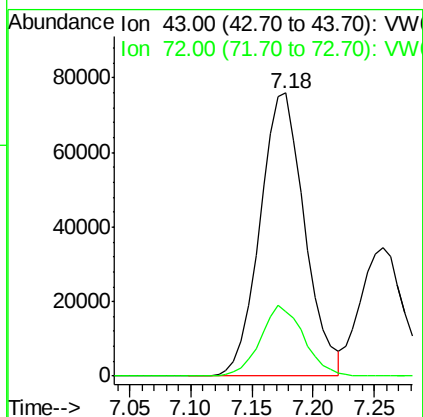
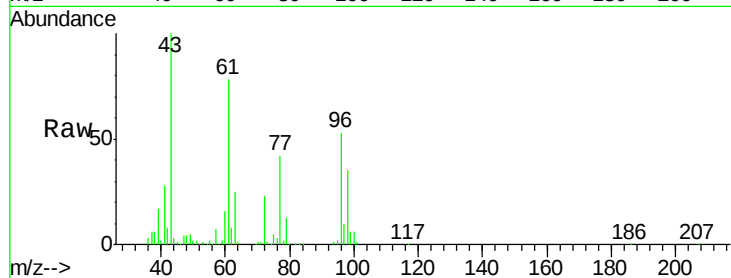




#25
2-Butanone
Concen: 269.518 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

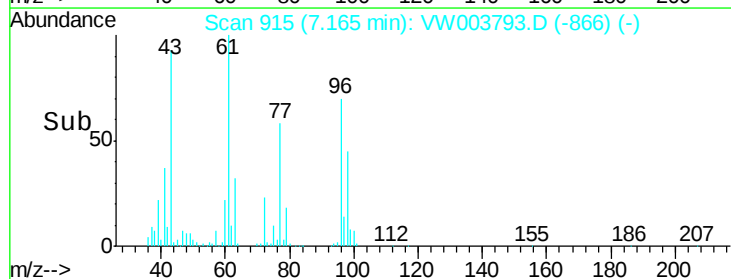
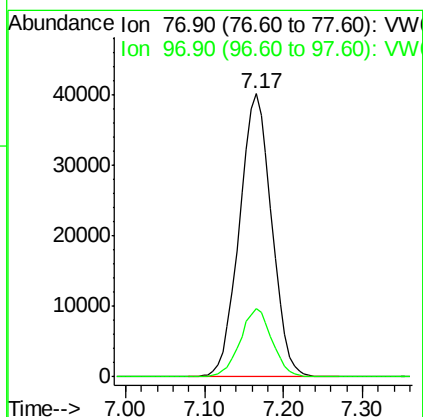
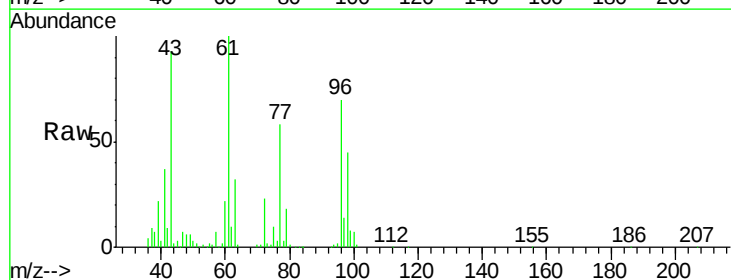
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

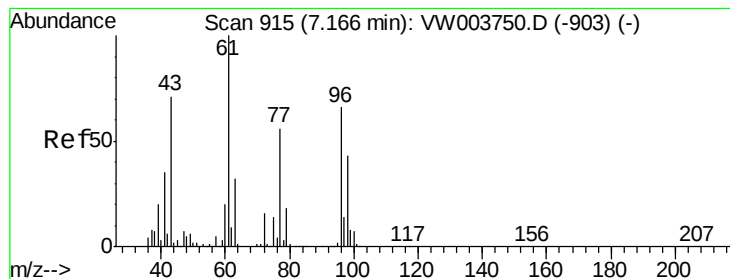
Tot Ion: 43 Resp: 193604
Ion Ratio Lower Upper
43 100
72 22.8 19.4 29.2



#26
2,2-Dichloropropane
Concen: 47.931 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 77 Resp: 114122
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5



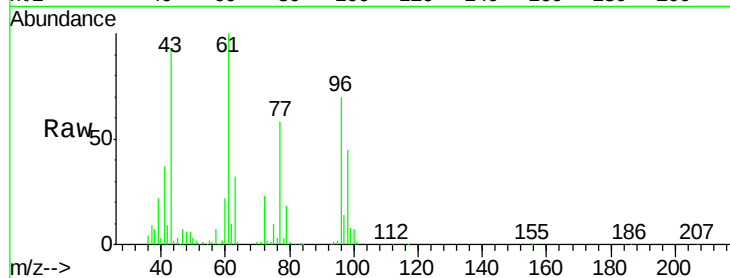


#27

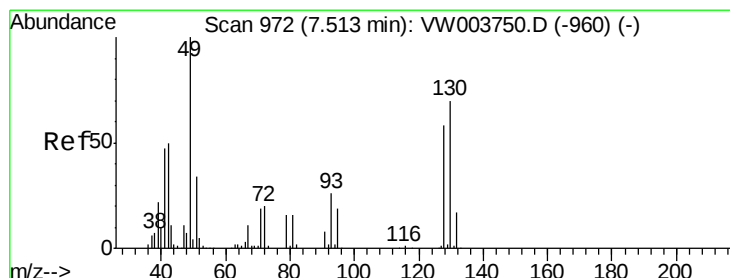
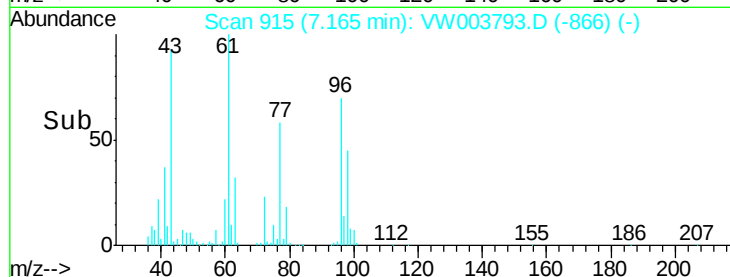
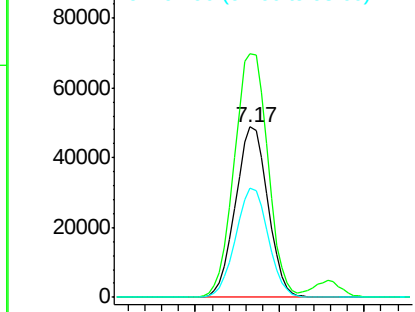
cis-1,2-Dichloroethene
Concen: 51.099 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 127027
Ion Ratio Lower Upper
96 100
61 148.4 0.0 300.8
98 64.5 0.0 128.6



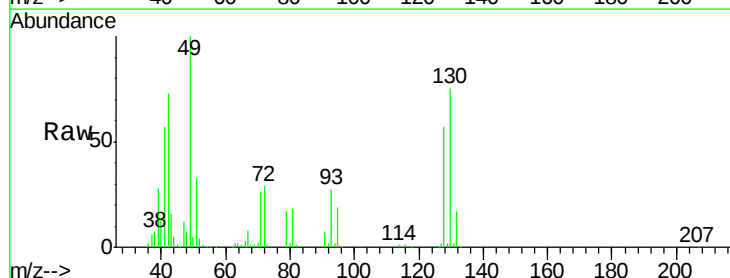
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



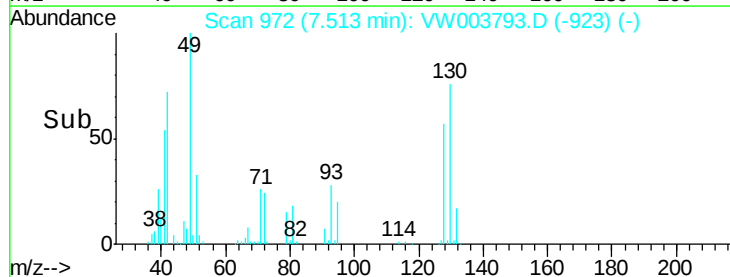
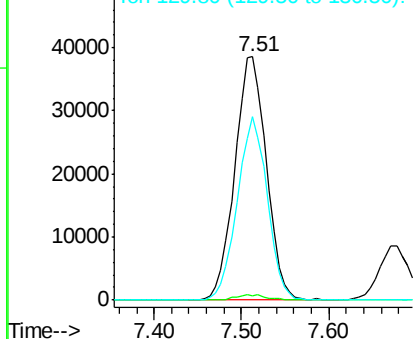
#28

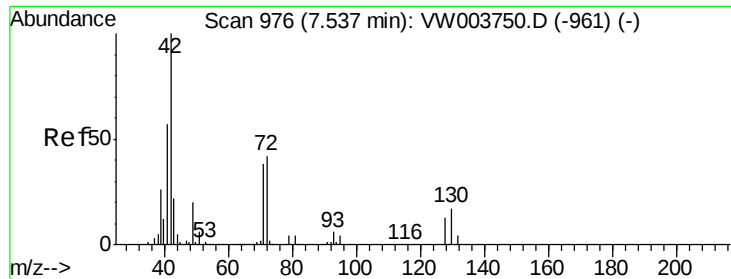
Bromochloromethane
Concen: 49.616 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 49 Resp: 97025
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 71.5 56.9 85.3



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

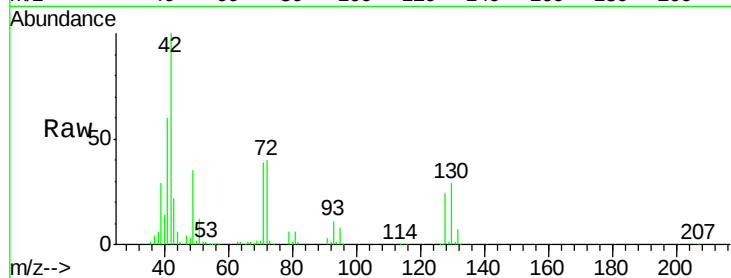




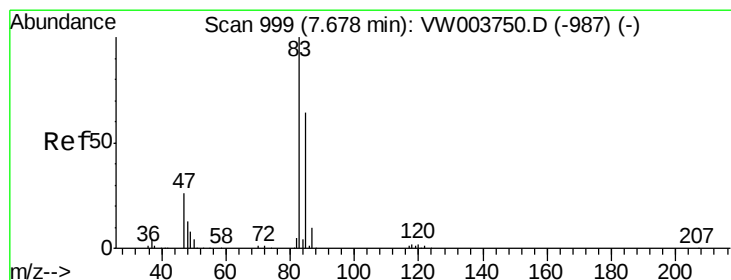
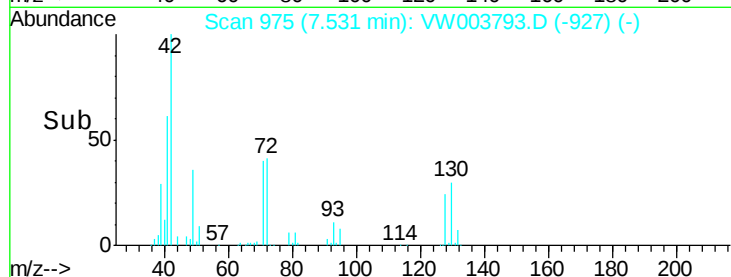
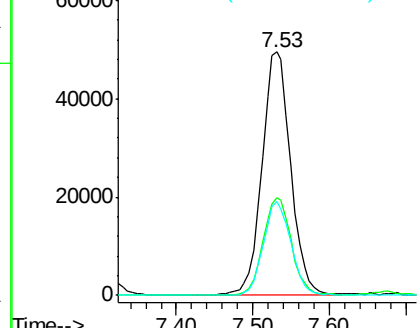
#29
Tetrahydrofuran
Concen: 281.103 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 129806
Ion Ratio Lower Upper
42 100
72 39.4 31.8 47.8
71 37.0 30.3 45.5

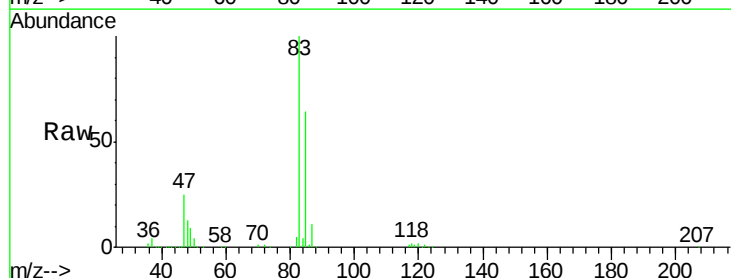


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

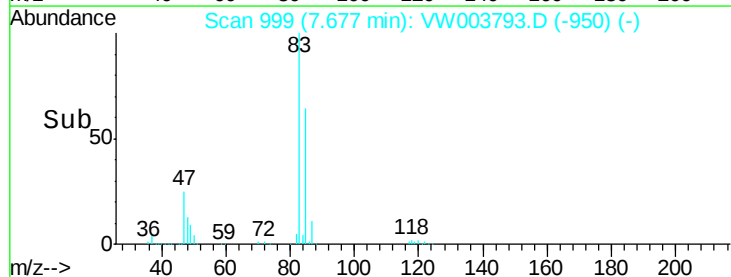
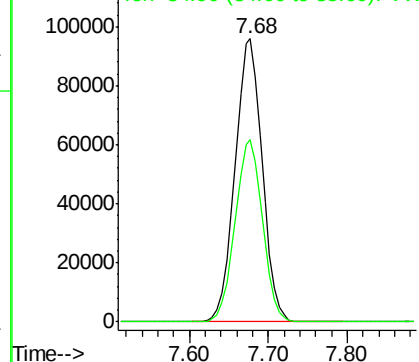


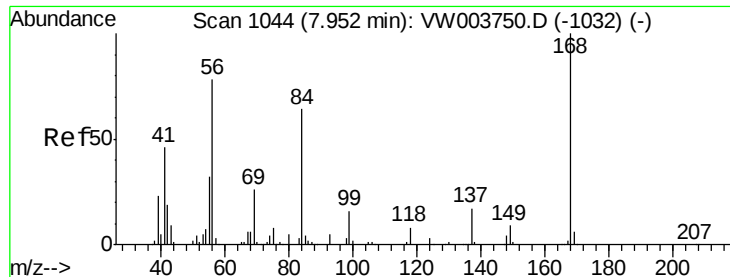
#30
Chloroform
Concen: 51.195 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 83 Resp: 229248
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3



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

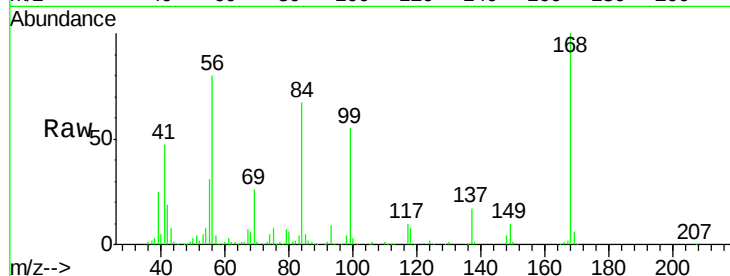




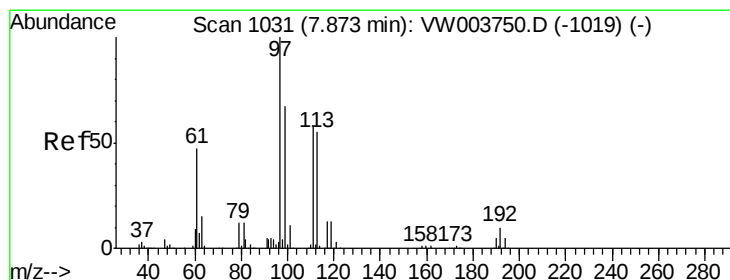
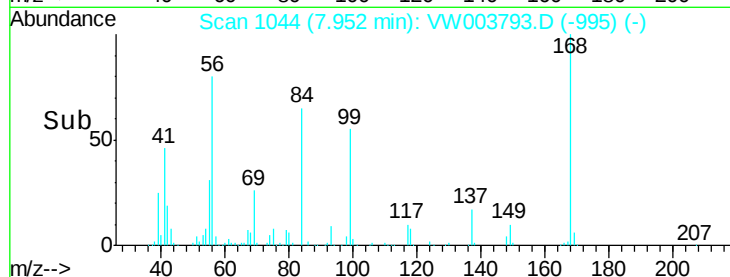
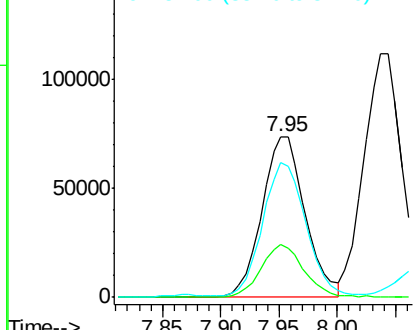
#31
Cyclohexane
Concen: 49.129 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 189511
Ion Ratio Lower Upper
56 100
69 33.0 26.2 39.4
84 82.0 65.5 98.3

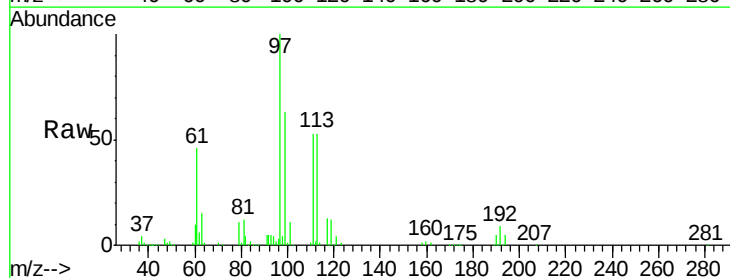


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

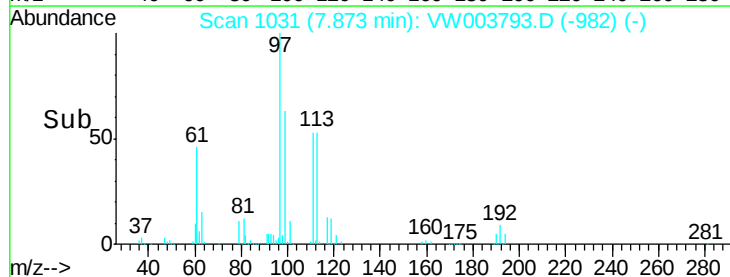
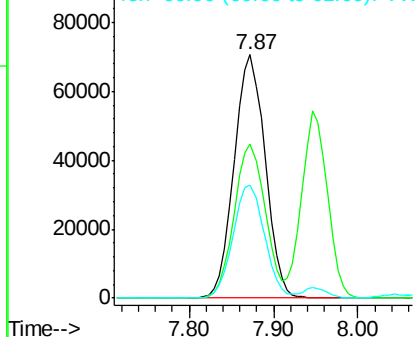


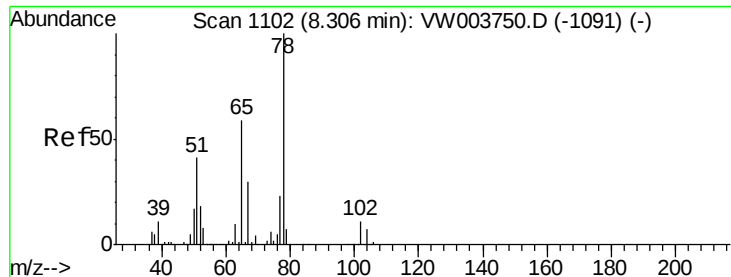
#32
1,1,1-Trichloroethane
Concen: 51.648 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 97 Resp: 176023
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 47.4 37.6 56.4



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





#33

1,2-Dichloroethane-d4

Concen: 50.905 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

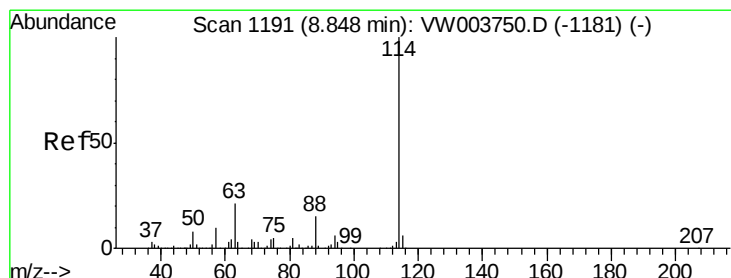
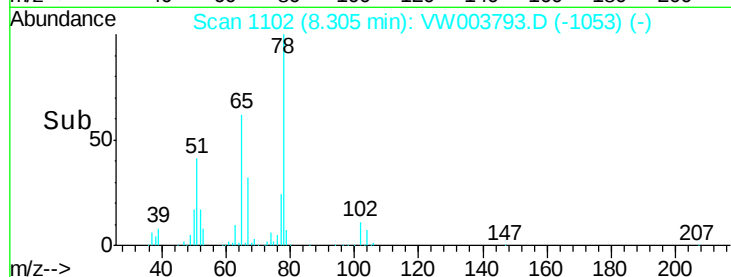
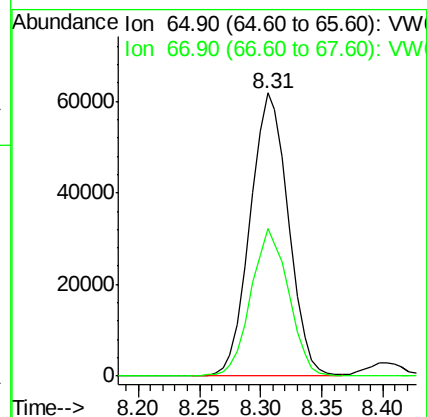
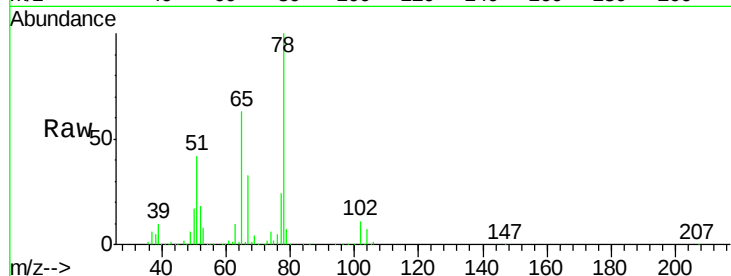
VSTDCCC050

Tot Ion: 65 Resp: 134565

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

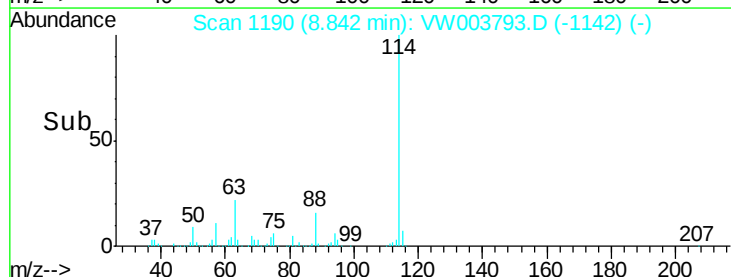
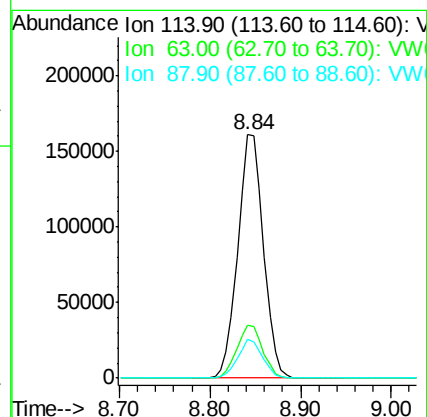
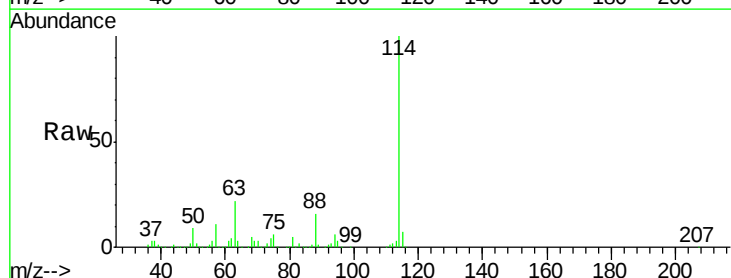
Tgt Ion: 114 Resp: 315186

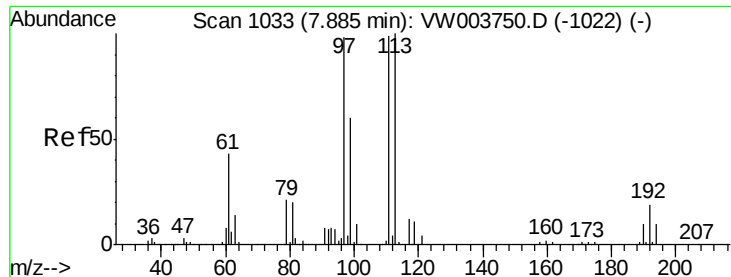
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 16.0 0.0 30.2

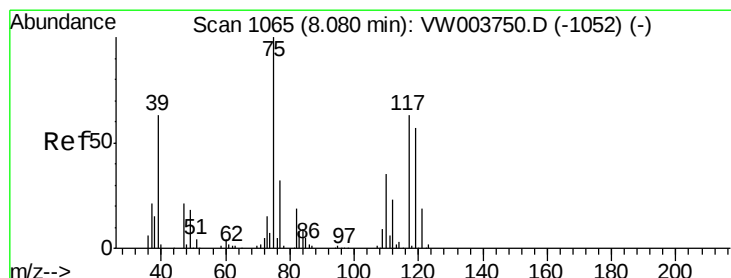
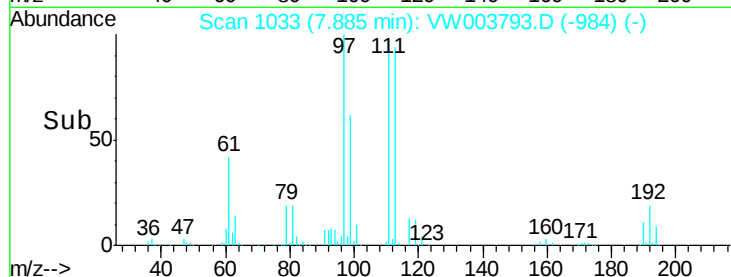
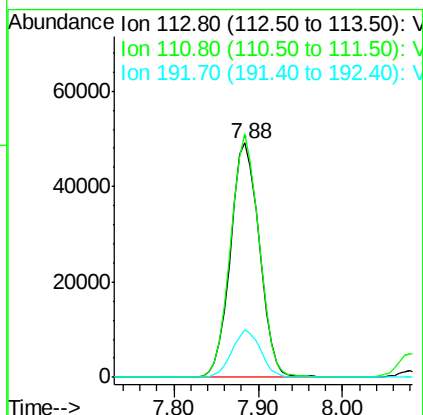
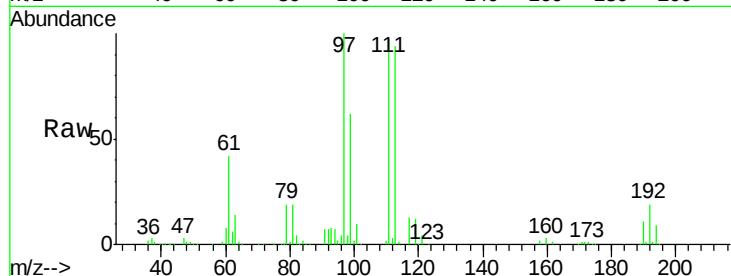




#35
 Dibromofluoromethane
 Concen: 51.774 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

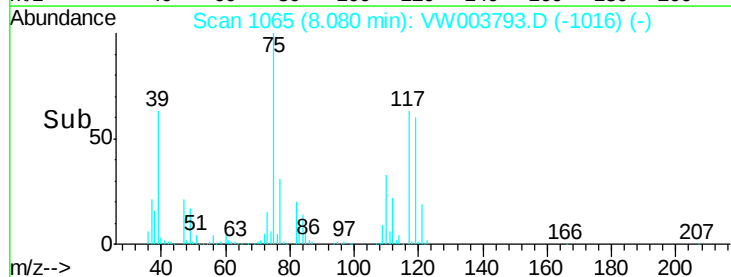
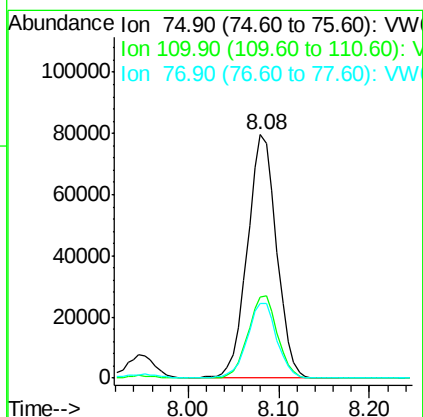
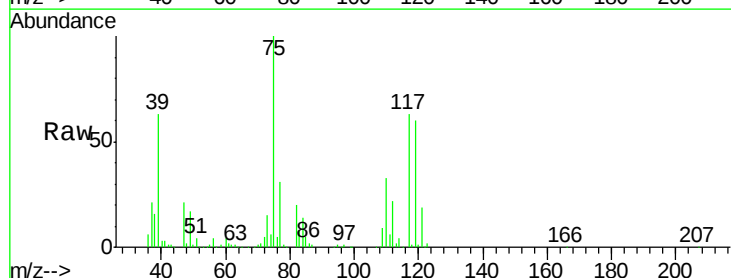
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

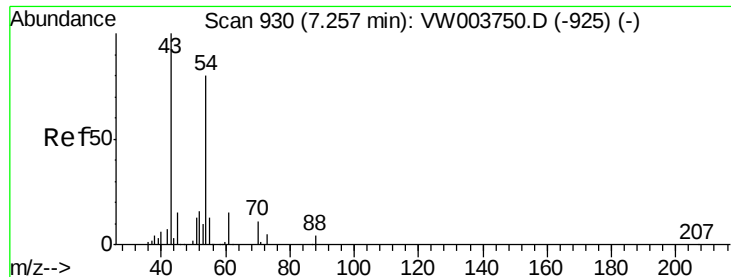
Tot Ion:113 Resp: 114210
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 20.0 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 53.138 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion: 75 Resp: 177709
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 31.1 24.8 37.2

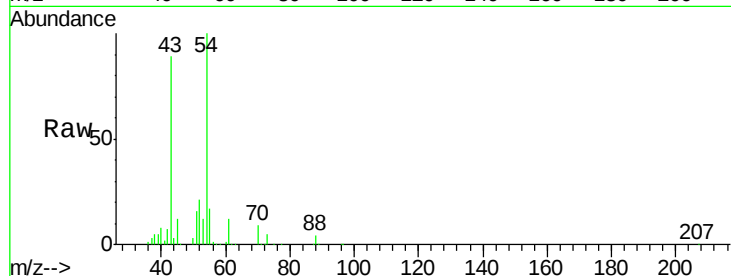




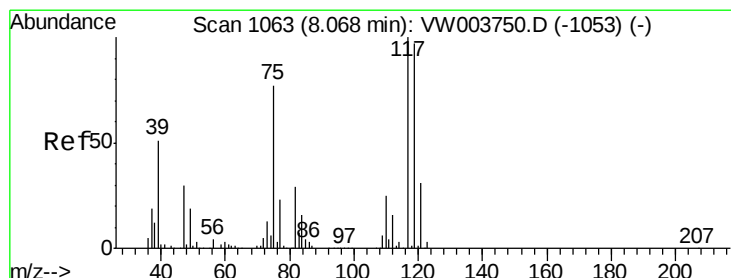
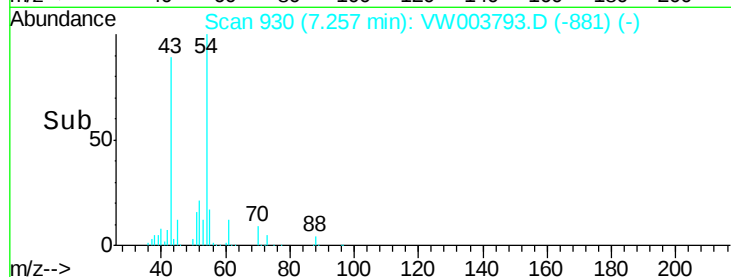
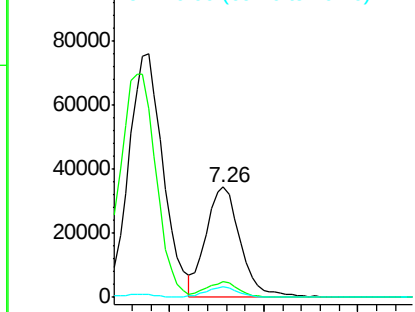
#37
Ethyl Acetate
Concen: 53.668 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 87331
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 9.3 7.5 11.3

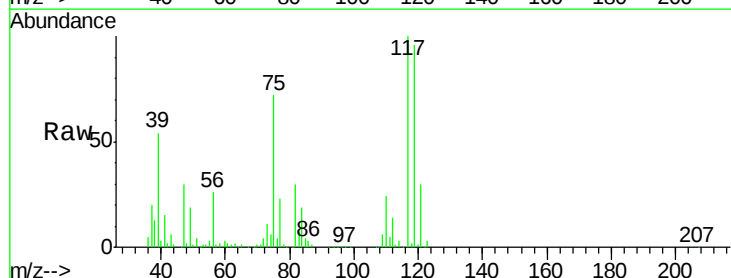


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

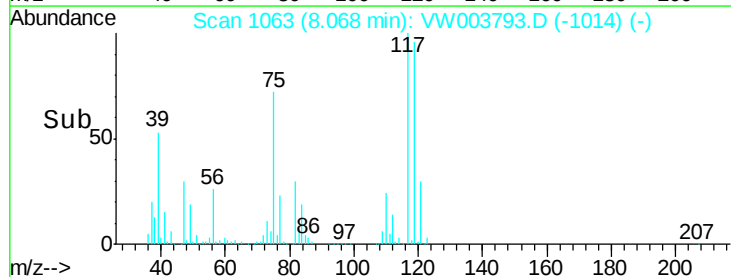
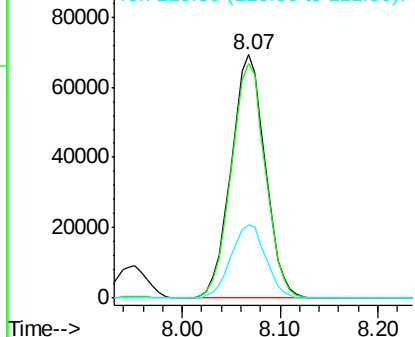


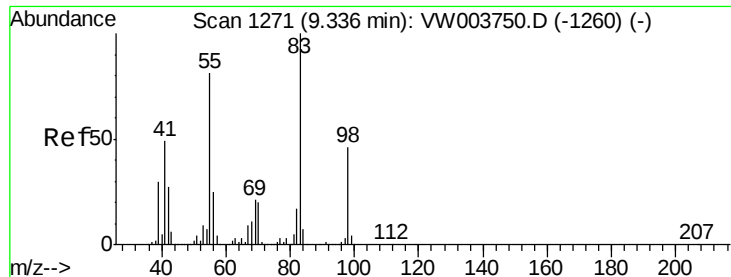
#38
Carbon Tetrachloride
Concen: 52.626 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 117 Resp: 167334
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
121 30.1 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

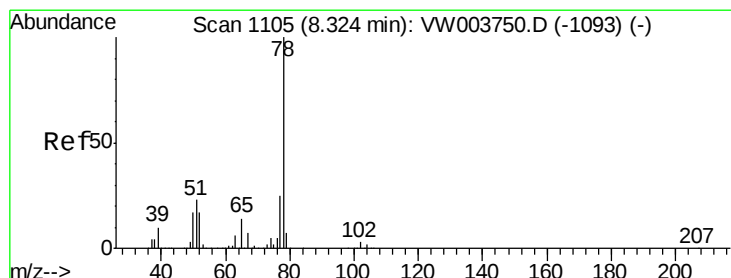
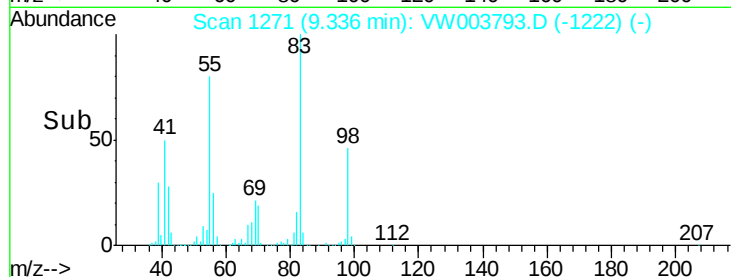
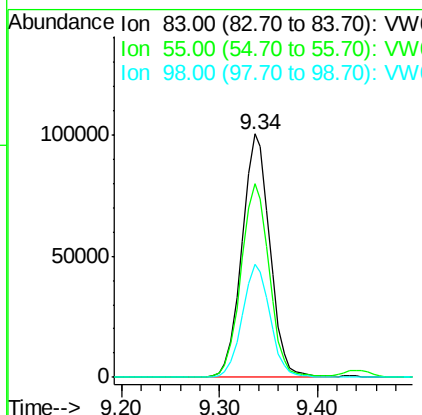
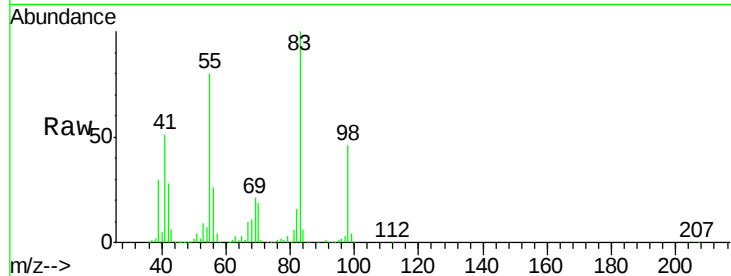




#39
Methvlcvclohexane
Concen: 54.540 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

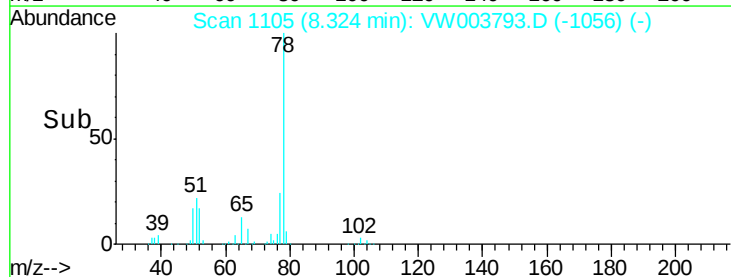
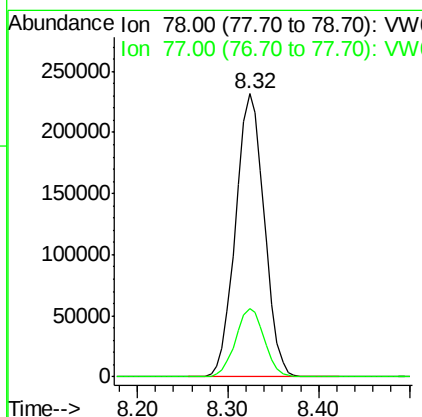
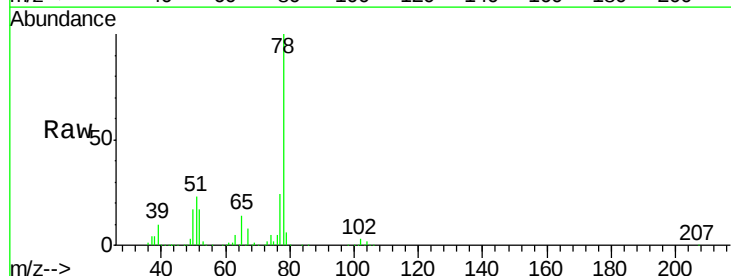
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

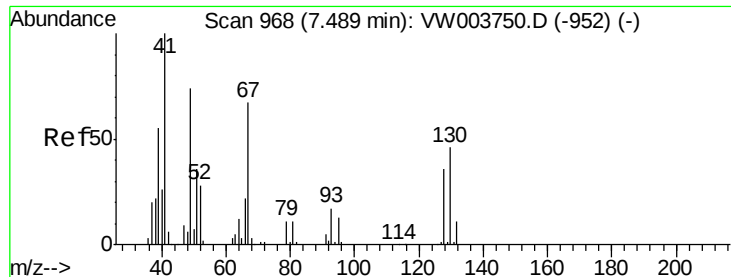
Tot Ion: 83 Resp: 199768
Ion Ratio Lower Upper
83 100
55 79.8 65.1 97.7
98 46.2 36.7 55.1



#40
Benzene
Concen: 53.040 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 78 Resp: 507106
Ion Ratio Lower Upper
78 100
77 24.3 19.7 29.5





#41

Methacrylonitrile

Concen: 49.848 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 46660

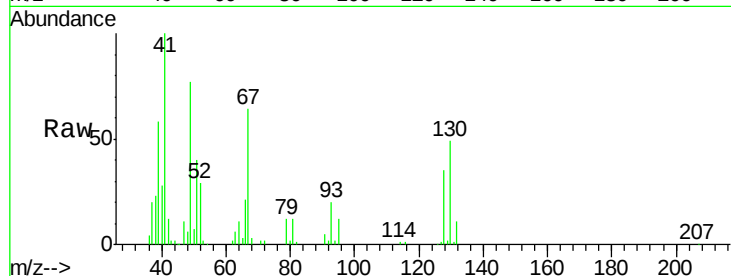
Ion Ratio Lower Upper

41 100

39 65.0 49.5 74.3

67 71.3 53.8 80.8

52 34.5 24.3 36.5

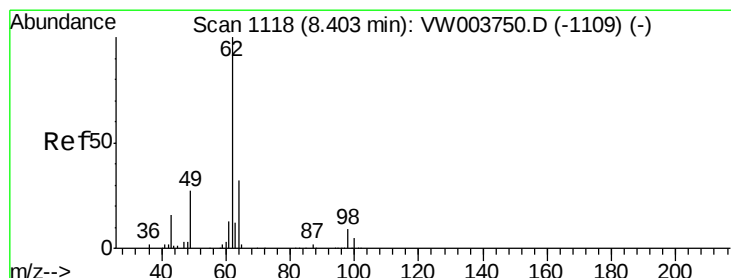
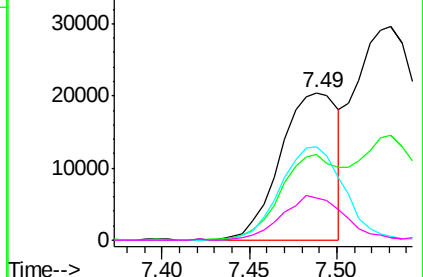
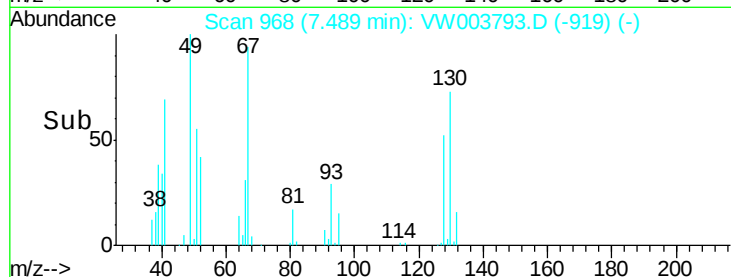


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 52.953 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW003793.D

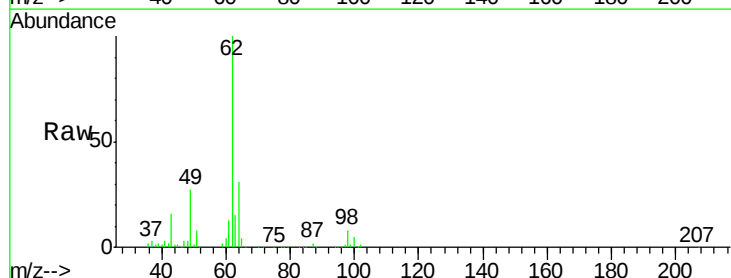
Acq: 09 Jul 2018 22:55

Tgt Ion: 62 Resp: 163852

Ion Ratio Lower Upper

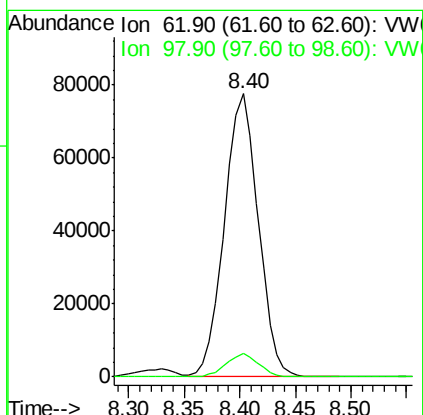
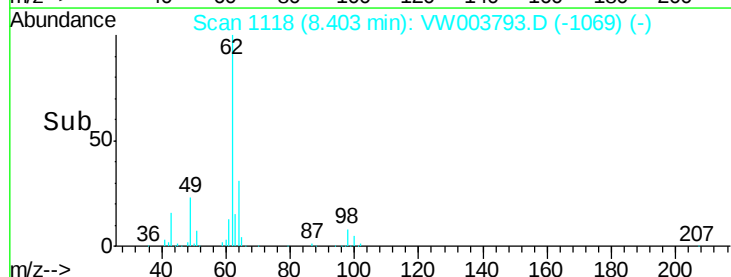
62 100

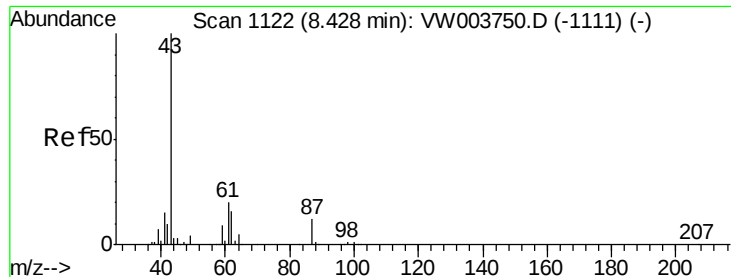
98 8.1 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.957 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

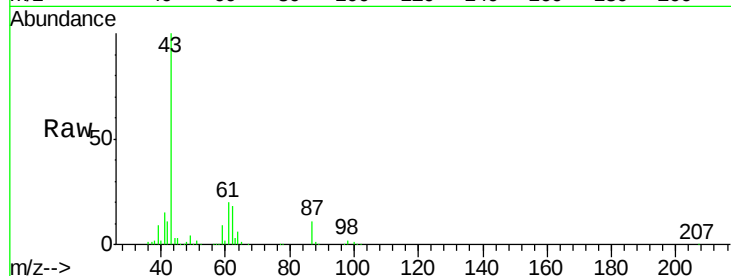
Tot Ion: 43 Resp: 163320

Ion Ratio Lower Upper

43 100

61 28.8 22.8 34.2

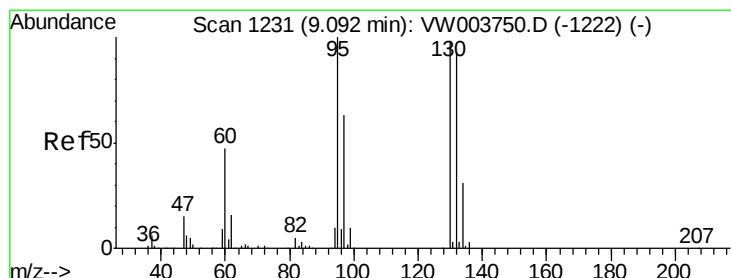
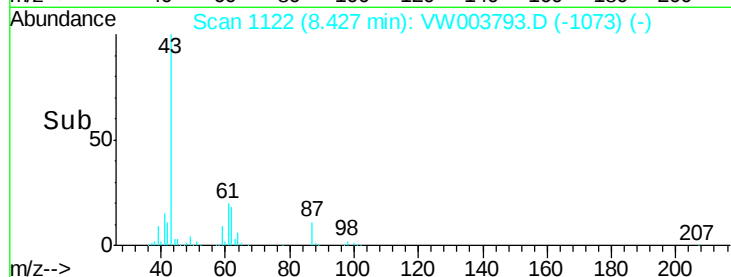
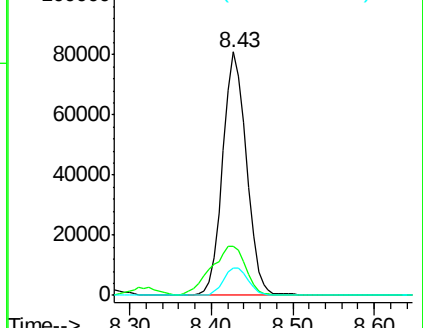
87 11.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 53.131 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003793.D

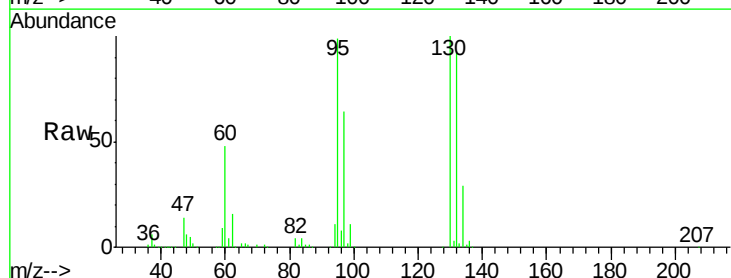
Acq: 09 Jul 2018 22:55

Tgt Ion: 130 Resp: 128063

Ion Ratio Lower Upper

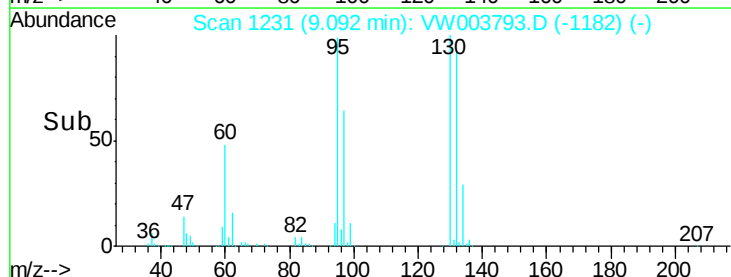
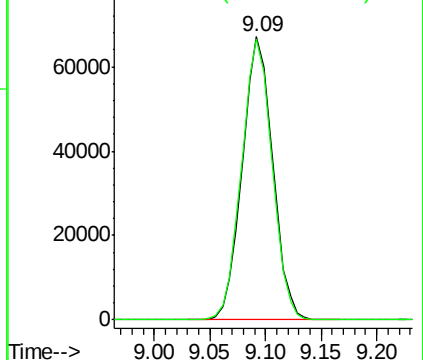
130 100

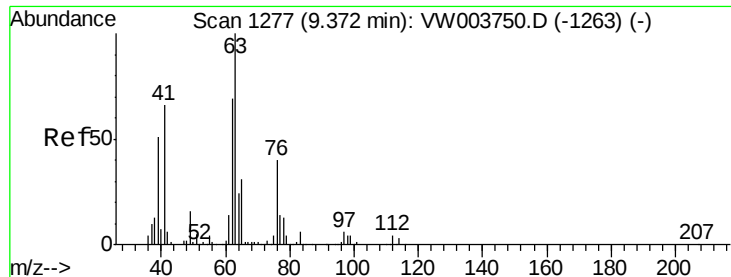
95 99.0 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

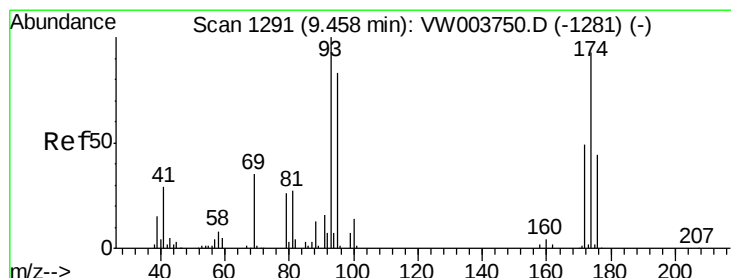
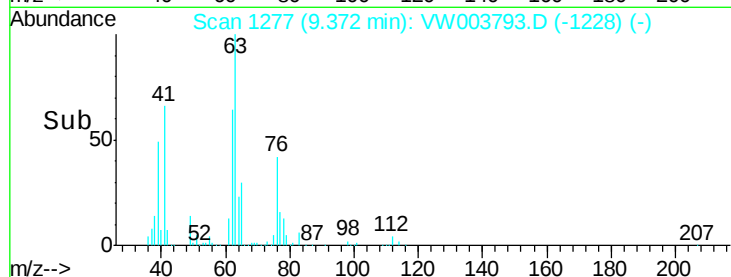
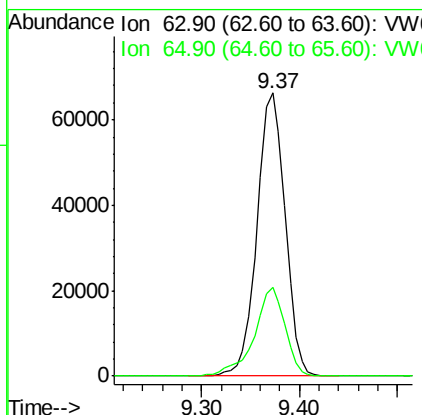
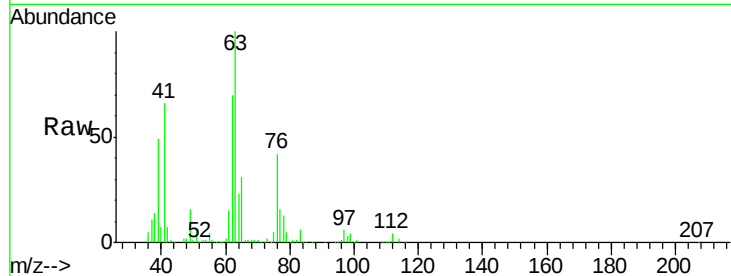




#45
 1,2-Dichloropropane
 Concen: 53.274 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

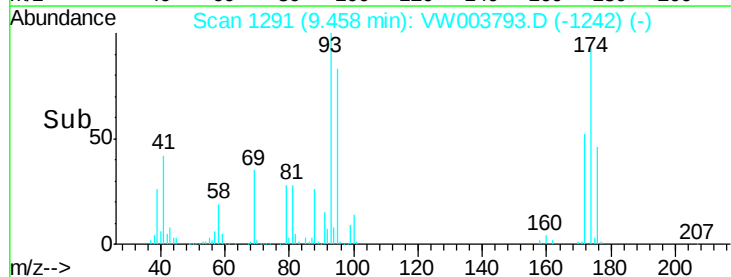
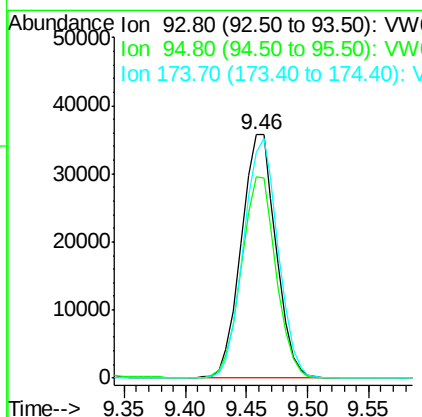
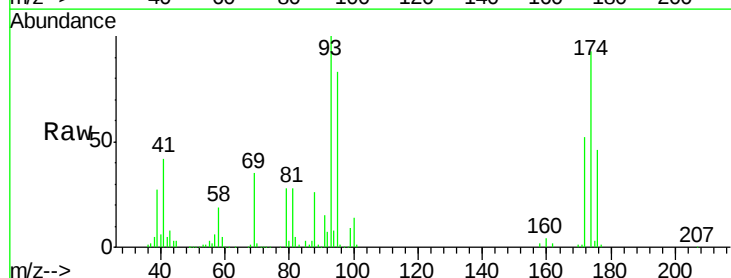
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

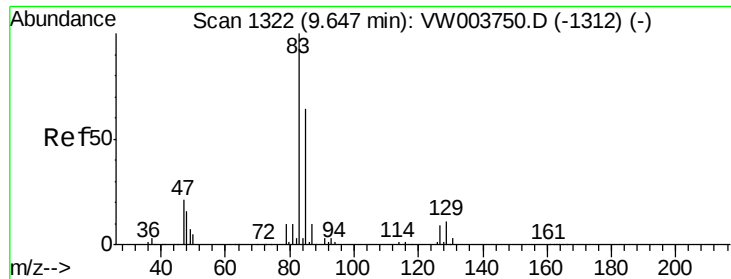
Tot Ion: 63 Resp: 132436
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3



#46
 Dibromomethane
 Concen: 54.005 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion: 93 Resp: 70592
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.2 100.8
 174 97.9 78.1 117.1





#47

Bromodichloromethane

Concen: 53.487 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

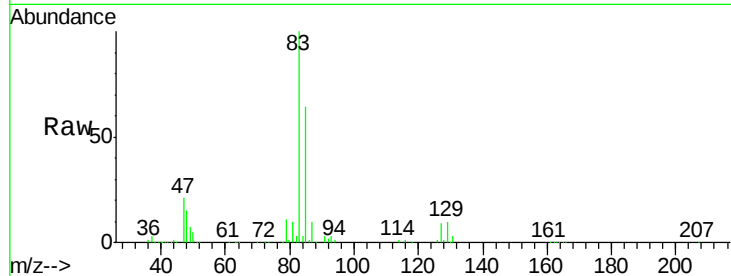
Tot Ion: 83 Resp: 171999

Ion Ratio Lower Upper

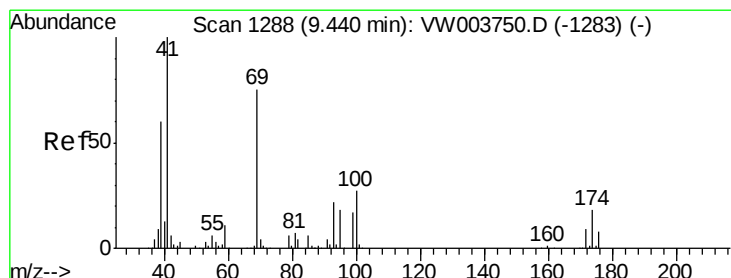
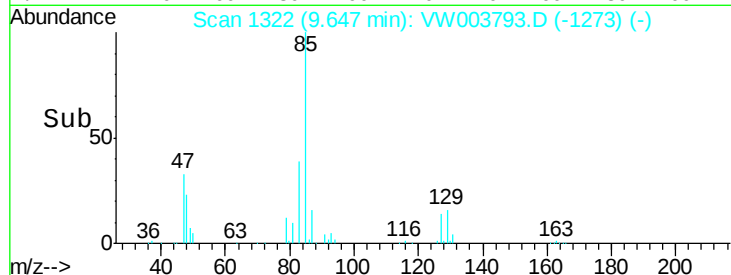
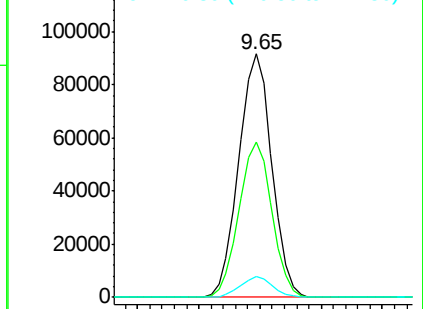
83 100

85 63.9 51.4 77.0

127 8.8 6.8 10.2



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



#48

Methyl methacrylate

Concen: 55.405 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

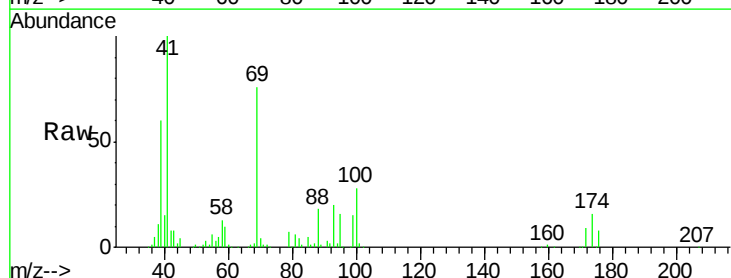
Tgt Ion: 41 Resp: 81376

Ion Ratio Lower Upper

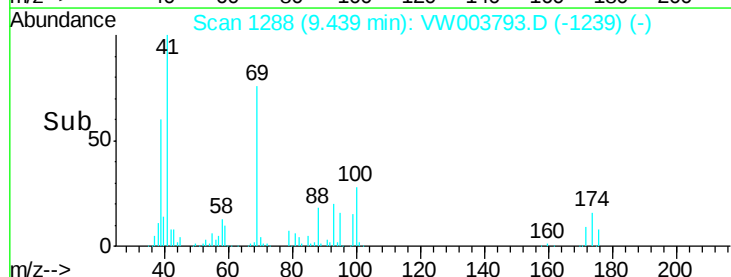
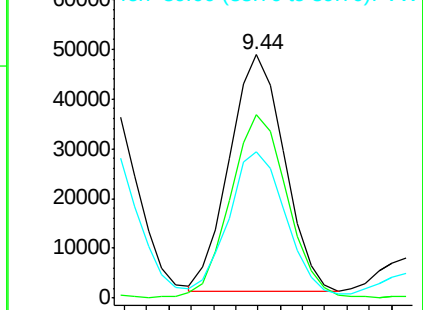
41 100

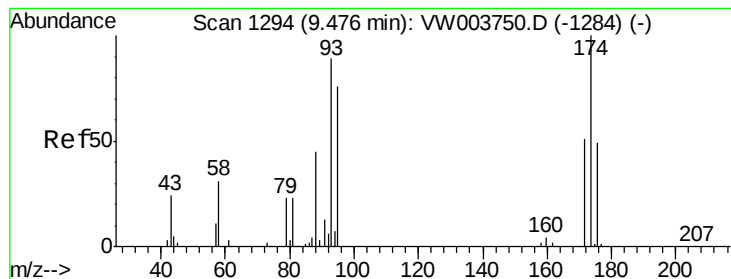
69 81.0 63.8 95.8

39 65.1 50.2 75.2



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





#49

1,4-Dioxane

Concen: 1207.716 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. -0.03 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

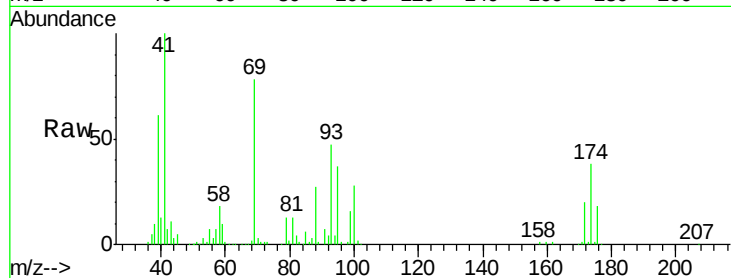
Tot Ion: 88 Resp: 23594

Ion Ratio Lower Upper

88 100

43 35.1 0.0 0.0#

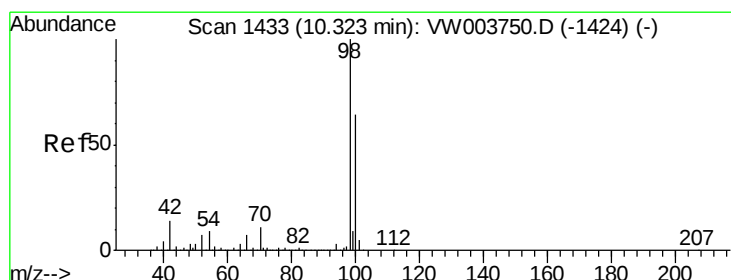
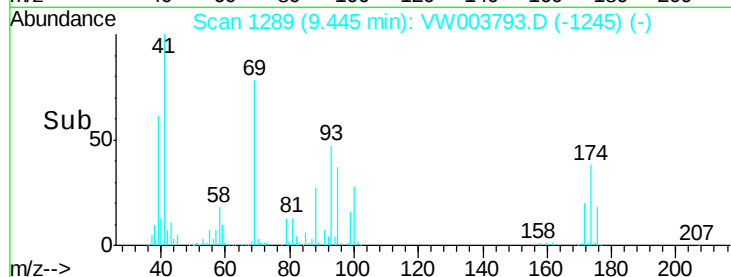
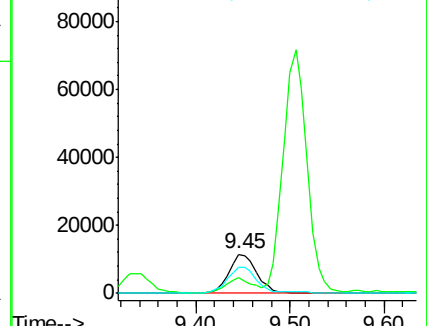
58 69.9 59.7 89.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.779 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003793.D

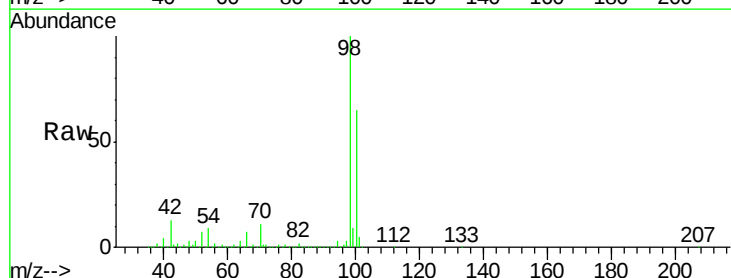
Acq: 09 Jul 2018 22:55

Tgt Ion: 98 Resp: 453797

Ion Ratio Lower Upper

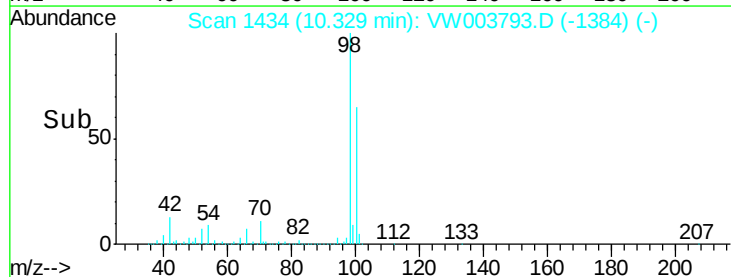
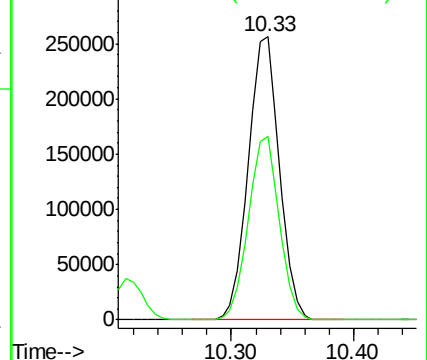
98 100

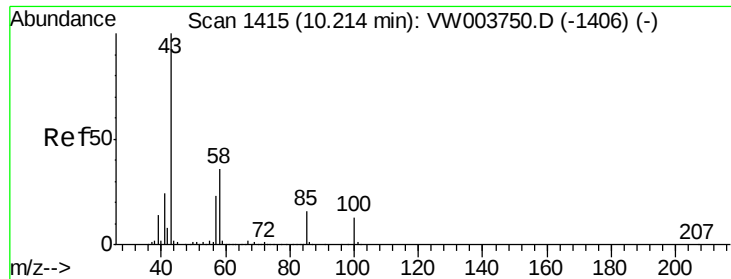
100 64.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 288.005 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

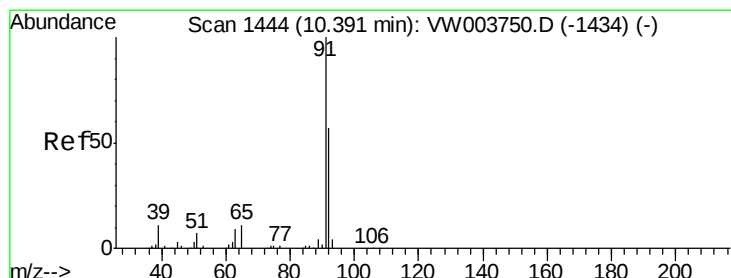
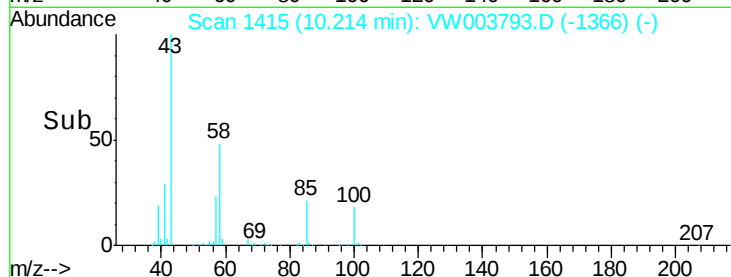
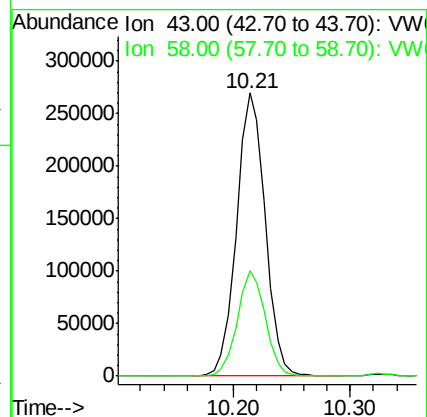
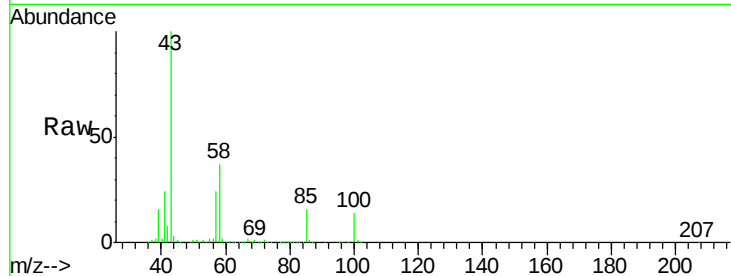
VSTDCCC050

Tot Ion: 43 Resp: 459631

Ion Ratio Lower Upper

43 100

58 36.3 29.3 43.9



#52

Toluene

Concen: 54.619 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003793.D

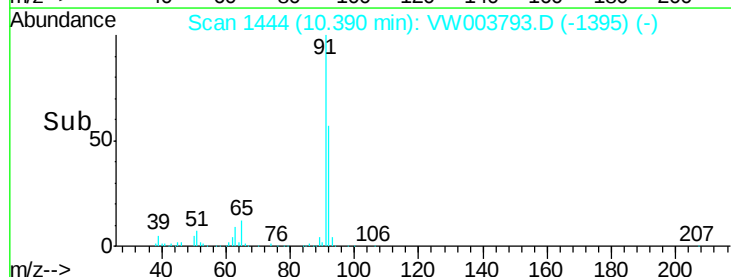
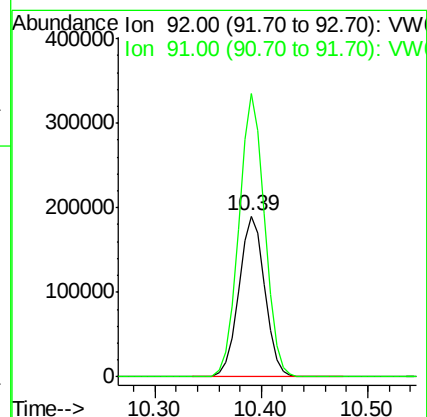
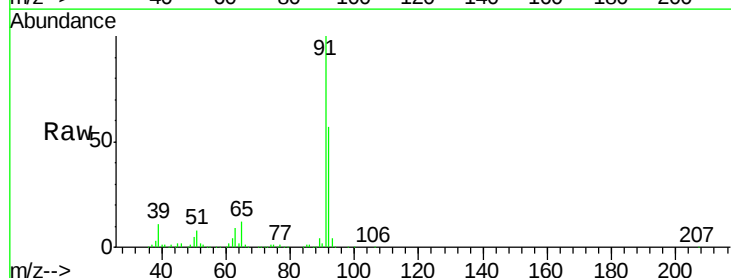
Acq: 09 Jul 2018 22:55

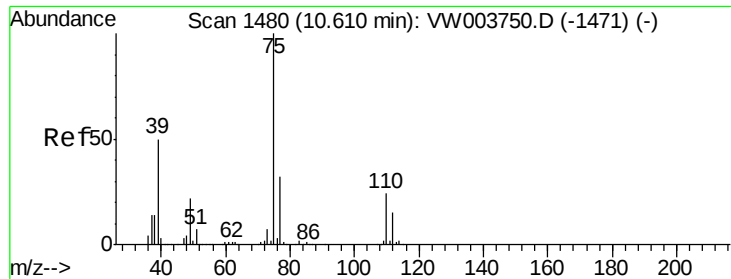
Tgt Ion: 92 Resp: 323811

Ion Ratio Lower Upper

92 100

91 174.7 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 53.463 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

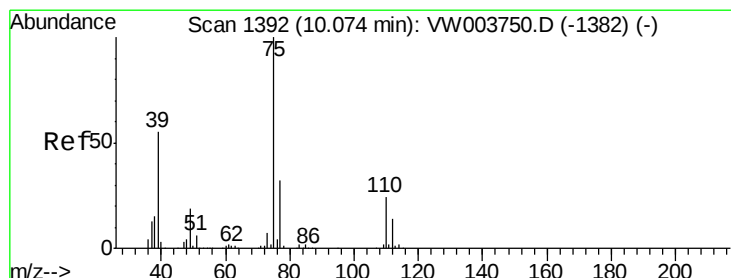
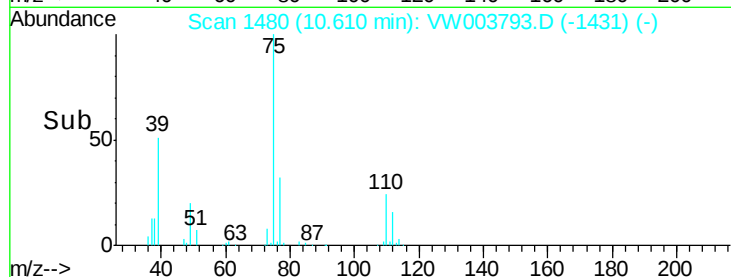
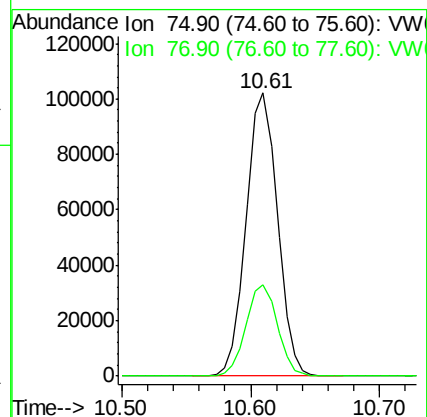
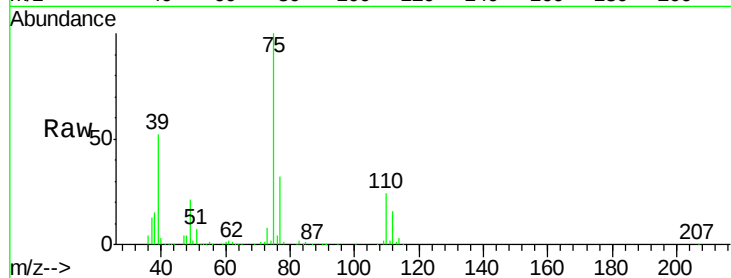
VSTDCCC050

Tot Ion: 75 Resp: 171657

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 53.588 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

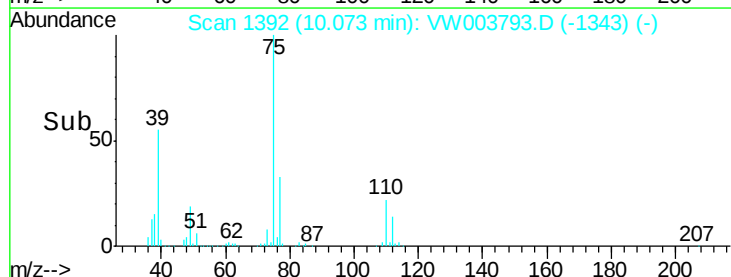
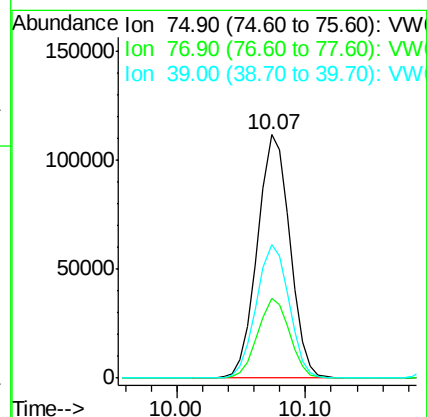
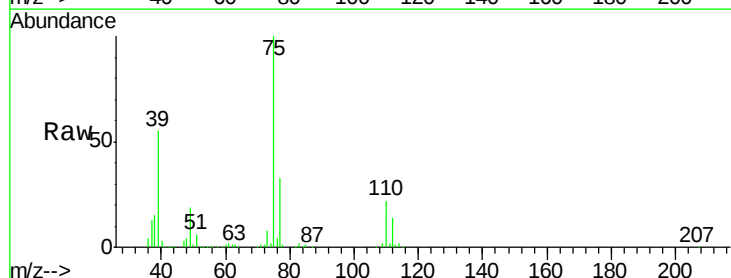
Tgt Ion: 75 Resp: 194228

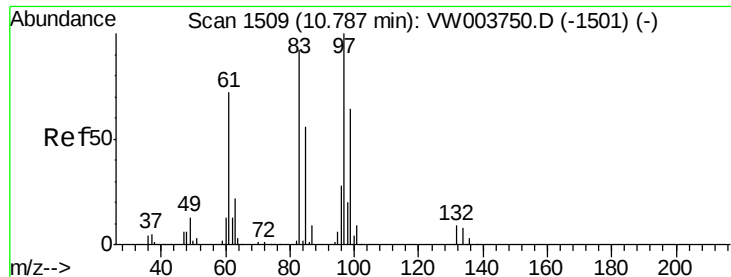
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 55.0 43.6 65.4

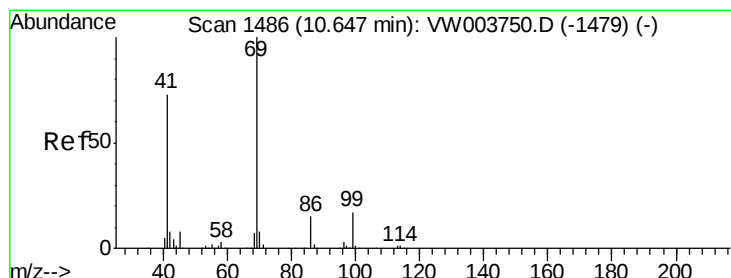
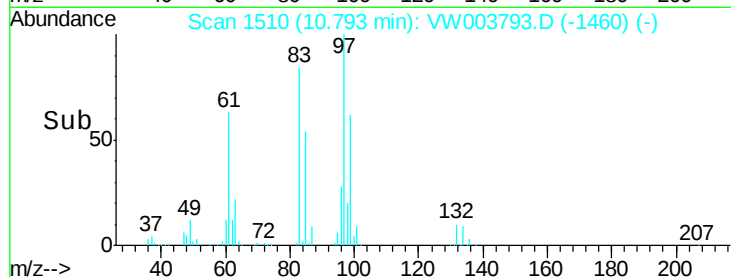
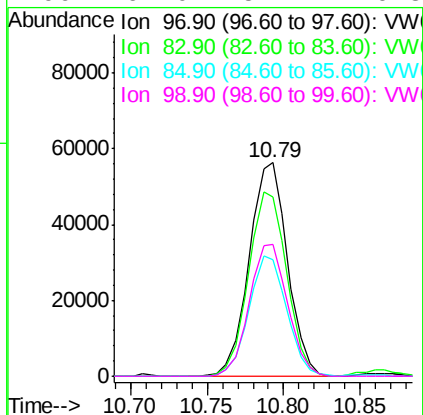
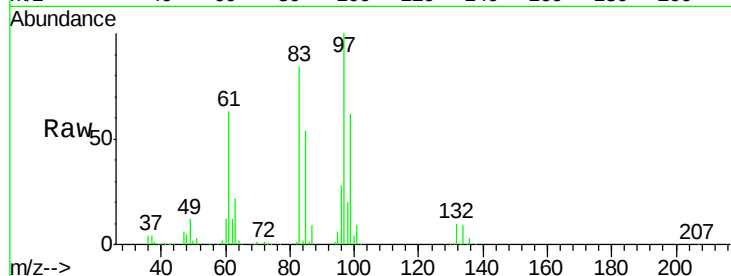




#55
 1,1,2-Trichloroethane
 Concen: 53.889 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

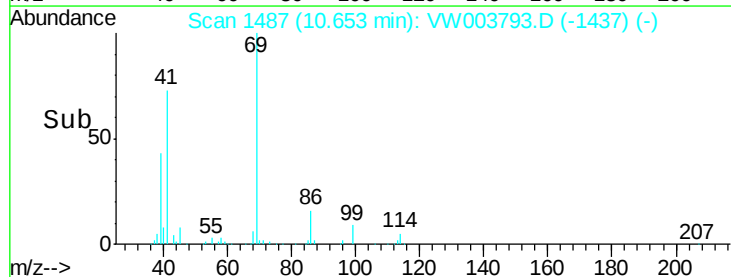
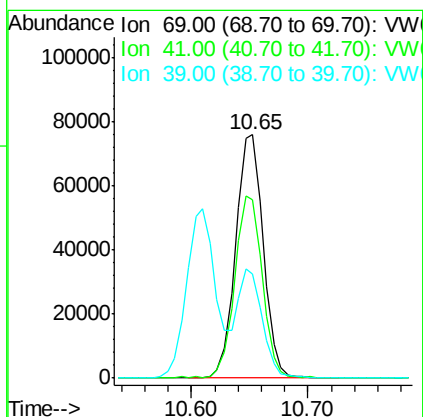
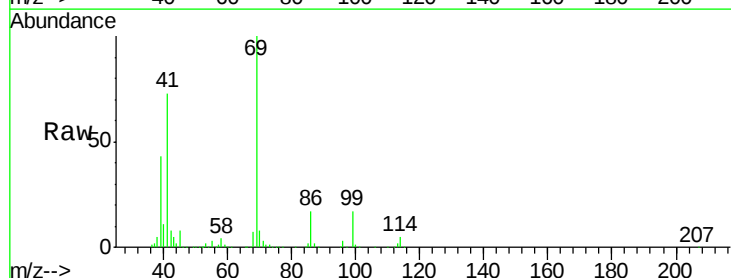
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

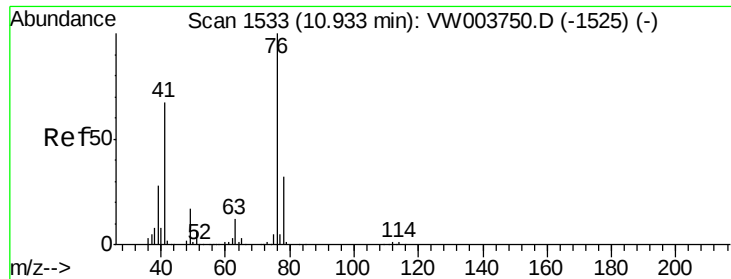
Tot Ion: 97 Resp: 97834
 Ion Ratio Lower Upper
 97 100
 83 83.8 73.8 110.6
 85 54.4 45.0 67.4
 99 62.0 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 56.668 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion: 69 Resp: 125544
 Ion Ratio Lower Upper
 69 100
 41 74.3 59.0 88.4
 39 42.7 32.8 49.2

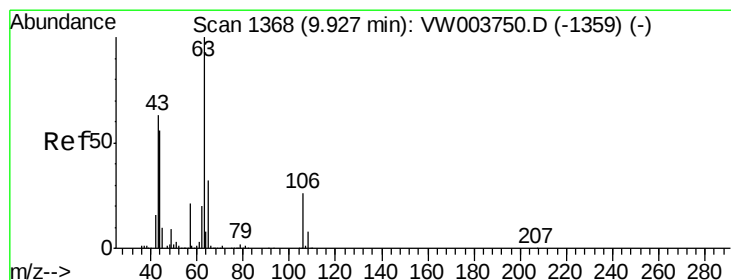
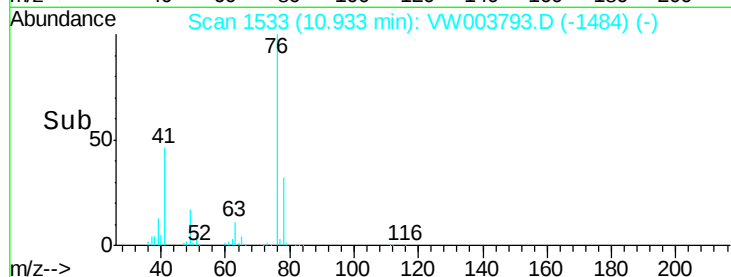
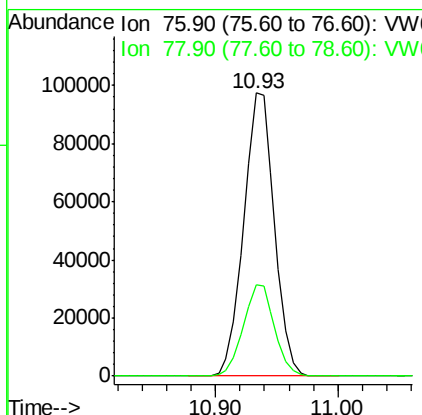
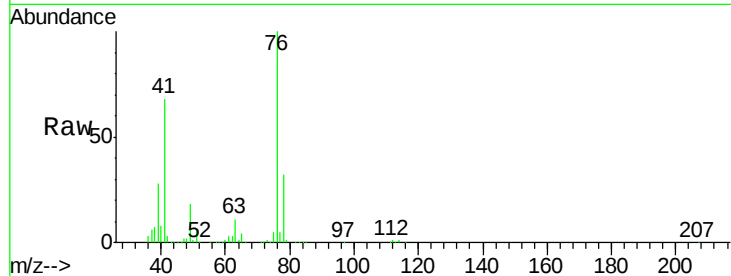




#57
 1,3-Dichloropropane
 Concen: 53.582 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

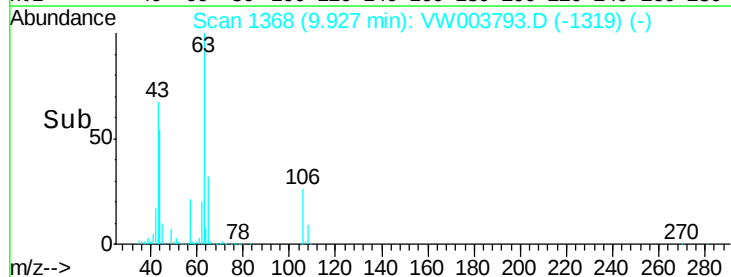
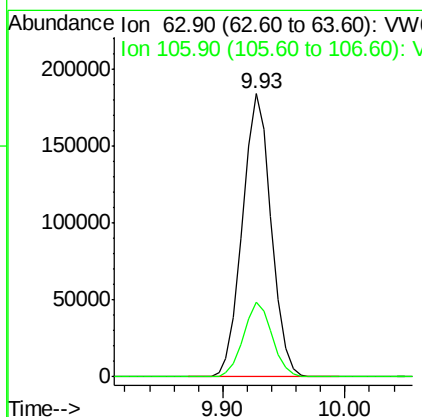
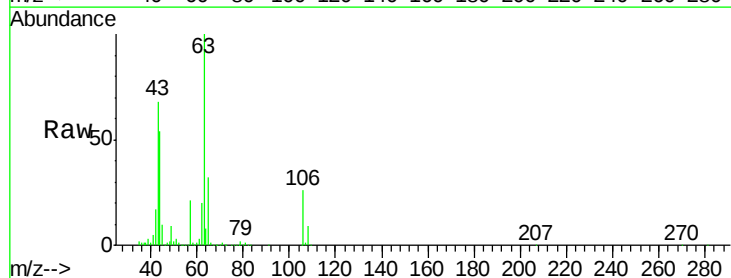
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

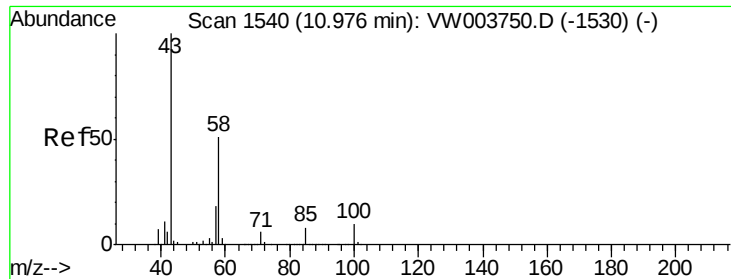
Tot Ion: 76 Resp: 169548
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.655 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion: 63 Resp: 299810
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.9 31.3

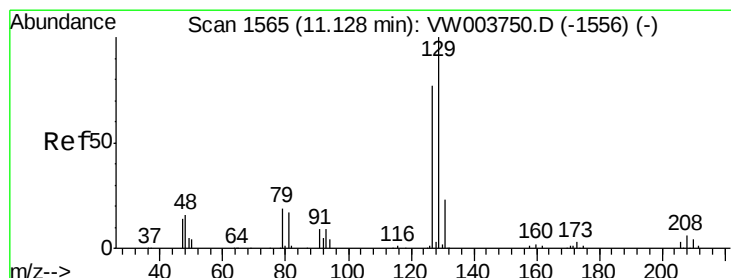
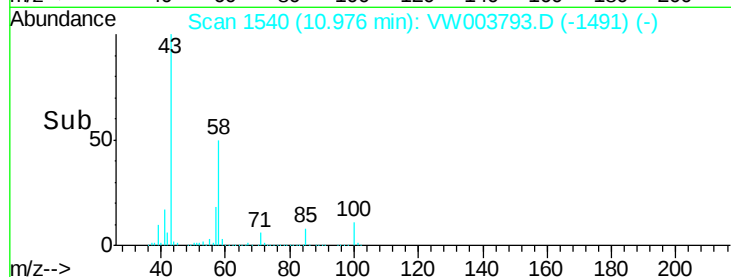
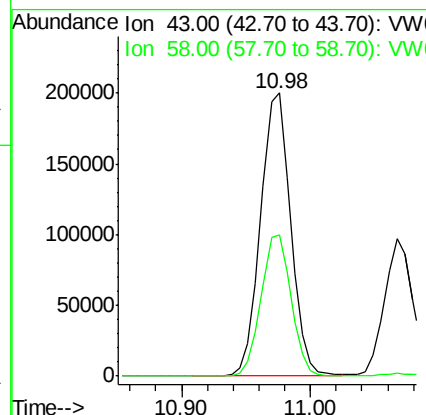
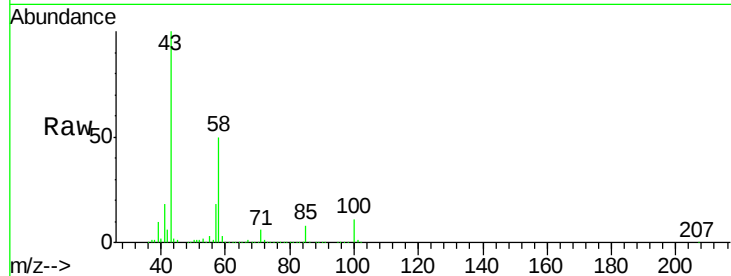




#59
2-Hexanone
Concen: 294.260 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

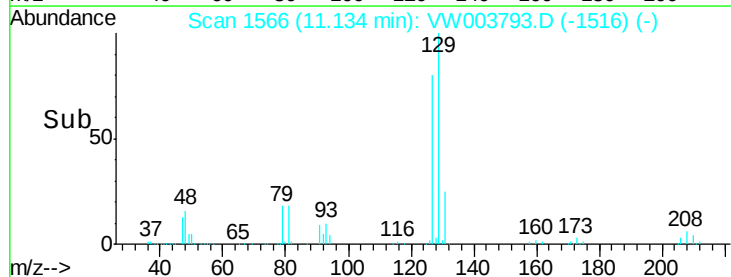
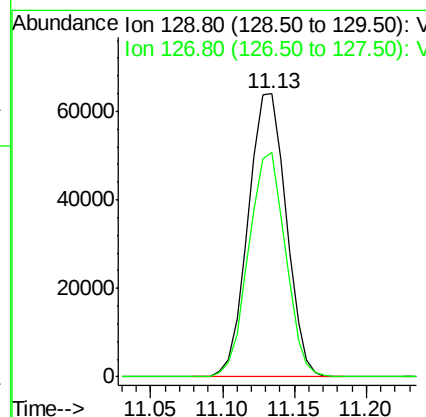
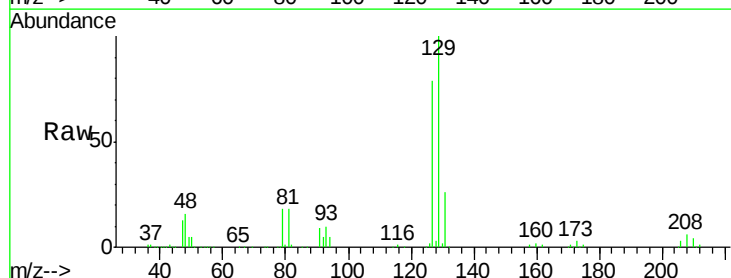
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

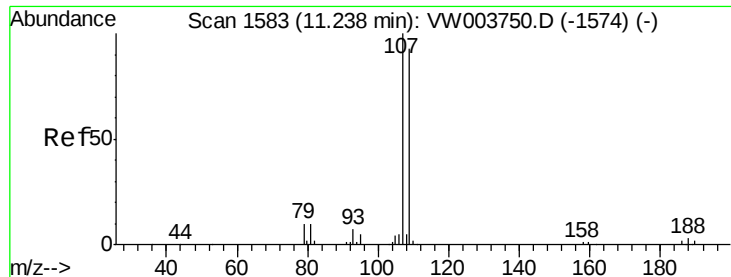
Tot Ion: 43 Resp: 322477
Ion Ratio Lower Upper
43 100
58 50.2 25.4 76.2



#60
Dibromochloromethane
Concen: 55.088 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 129 Resp: 116744
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.285 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

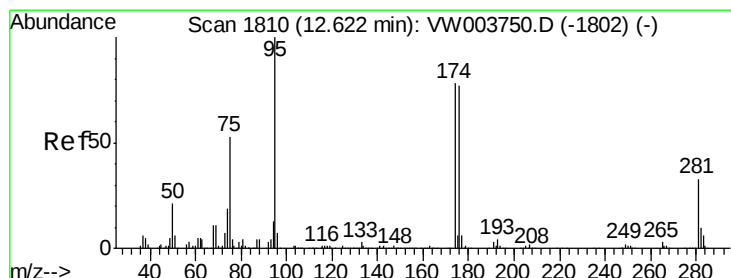
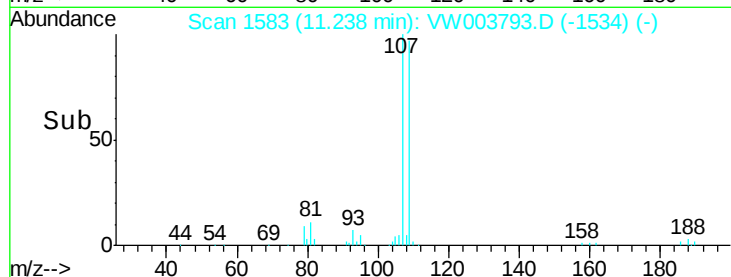
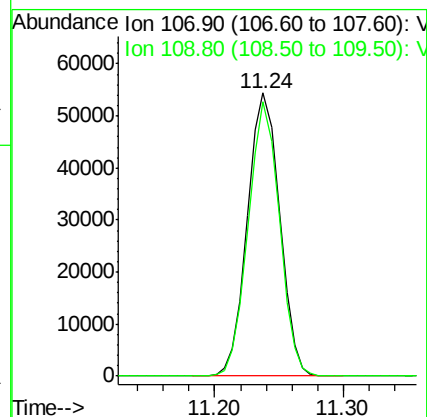
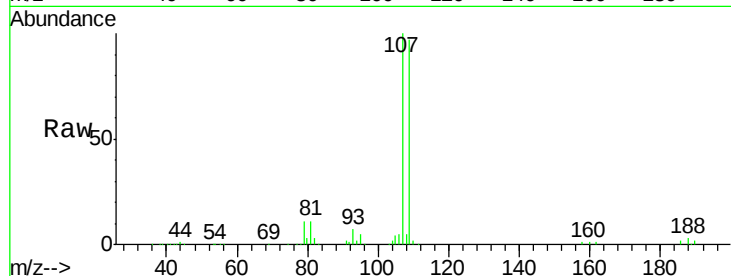
VSTDCCC050

Tot Ion:107 Resp: 94247

Ion Ratio Lower Upper

107 100

109 93.5 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 54.887 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

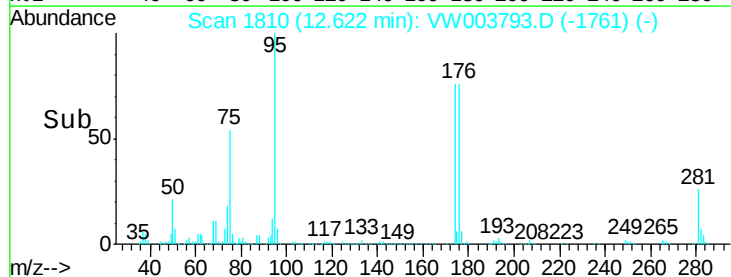
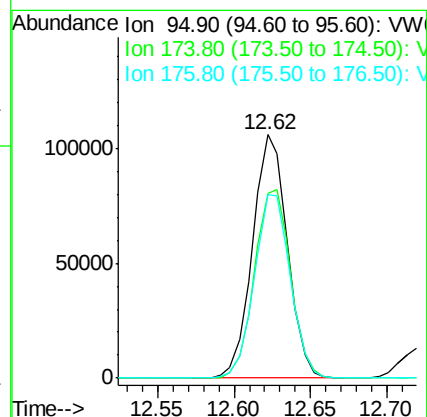
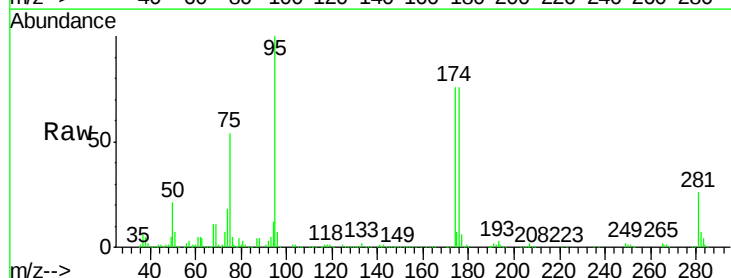
Tgt Ion: 95 Resp: 167574

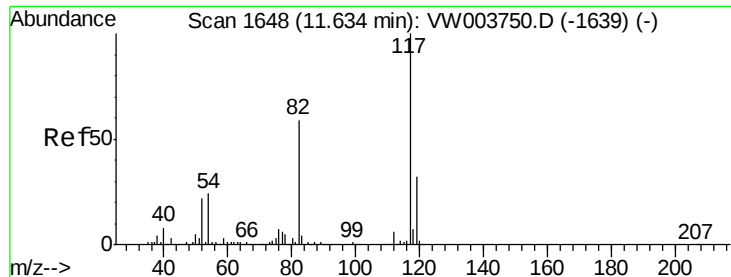
Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.4

176 77.7 0.0 156.8

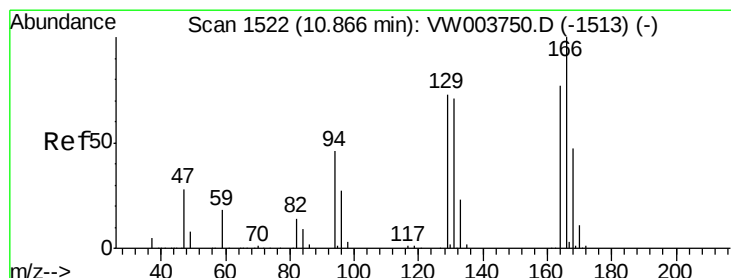
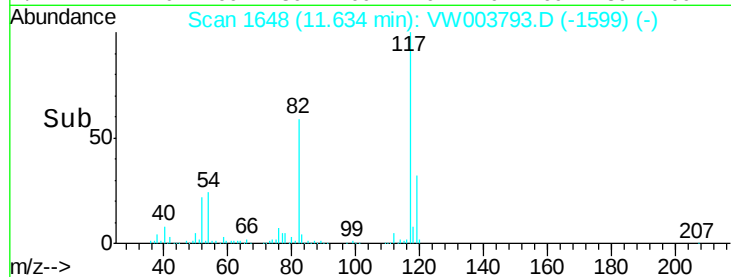
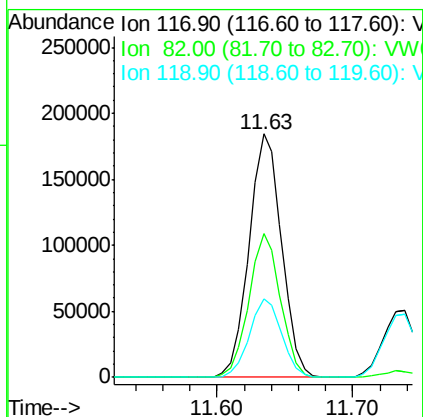
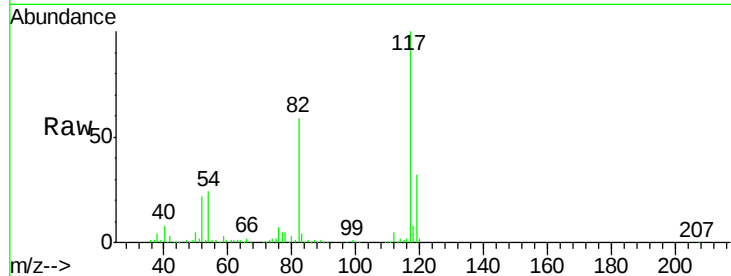




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

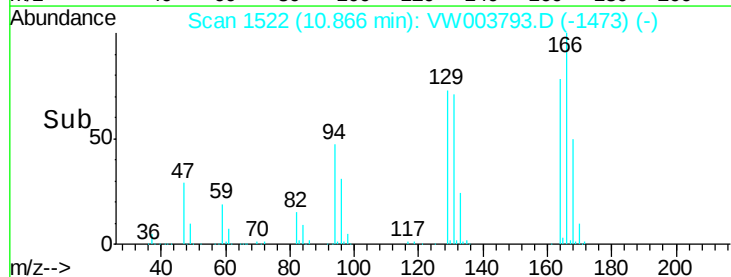
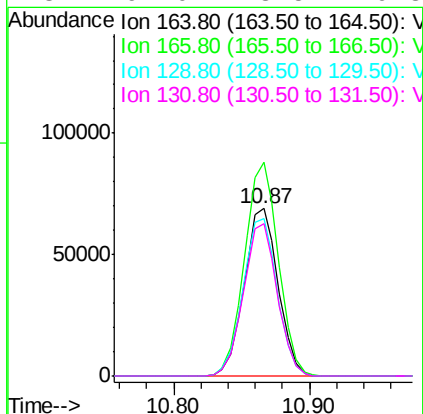
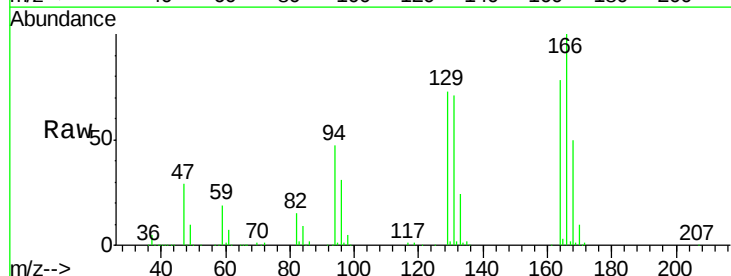
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

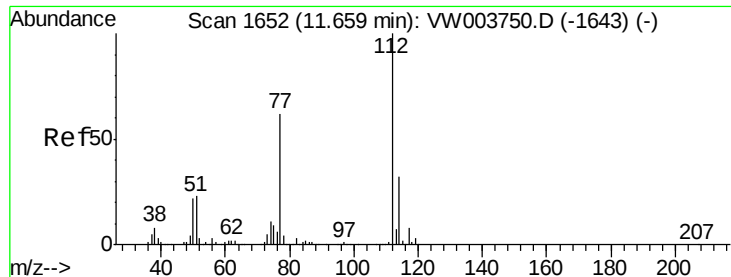
Tot Ion:117 Resp: 308507
Ion Ratio Lower Upper
117 100
82 58.9 46.9 70.3
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 52.857 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion:164 Resp: 120619
Ion Ratio Lower Upper
164 100
166 127.6 104.2 156.4
129 93.8 75.8 113.8
131 91.0 73.5 110.3





#65

Chlorobenzene

Concen: 52.072 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

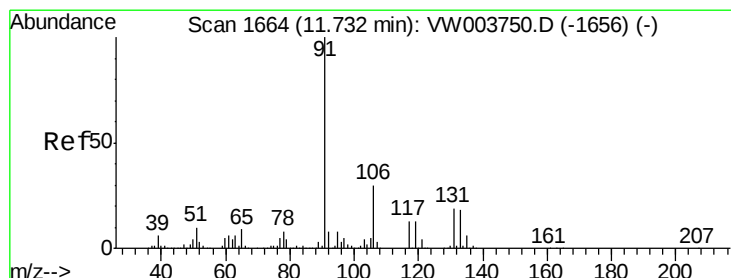
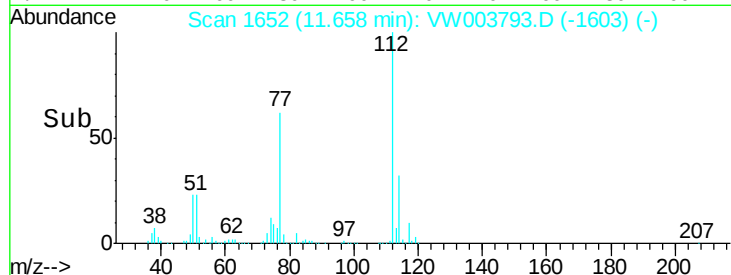
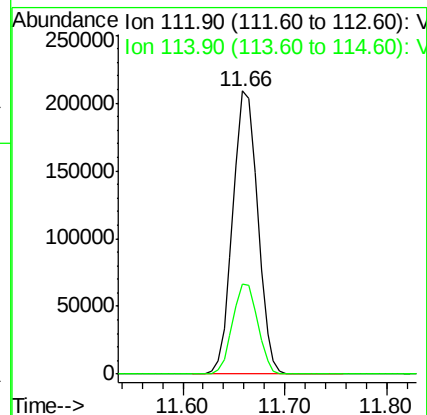
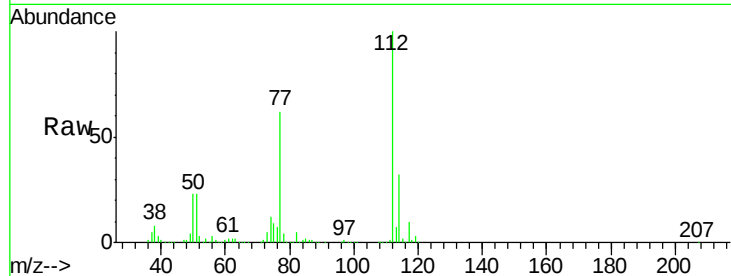
VSTDCCC050

Tot Ion:112 Resp: 354140

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 53.202 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

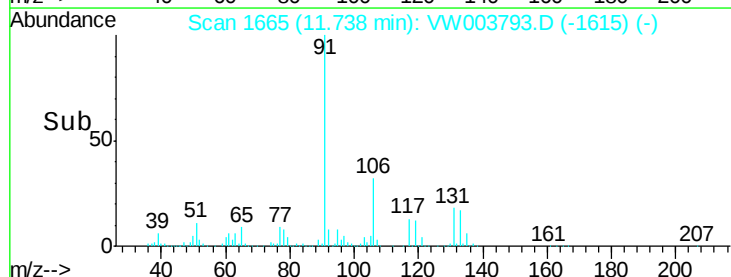
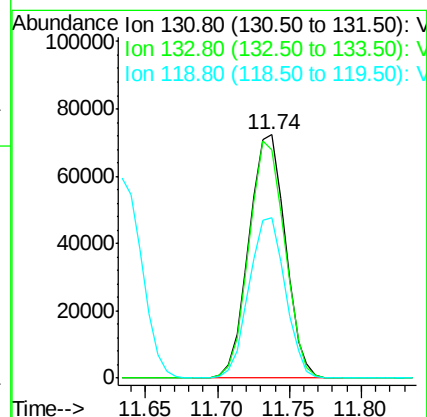
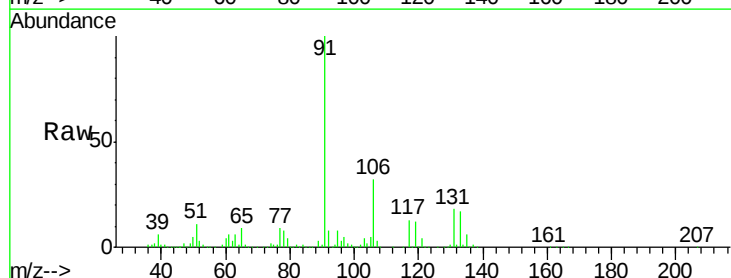
Tgt Ion:131 Resp: 126439

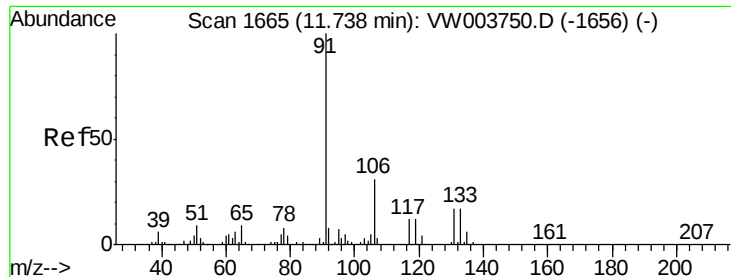
Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

119 65.5 33.2 99.6

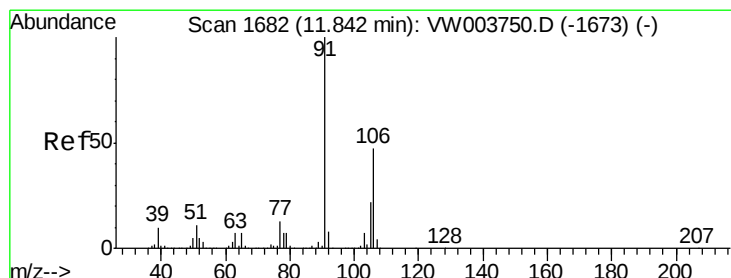
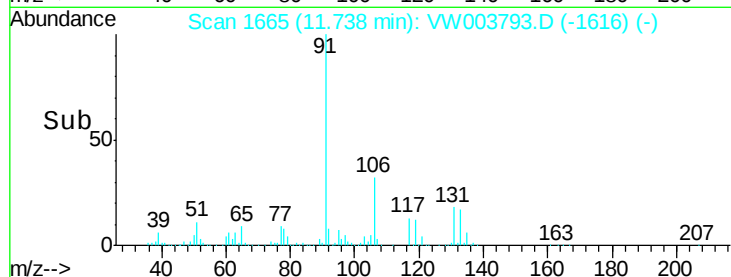
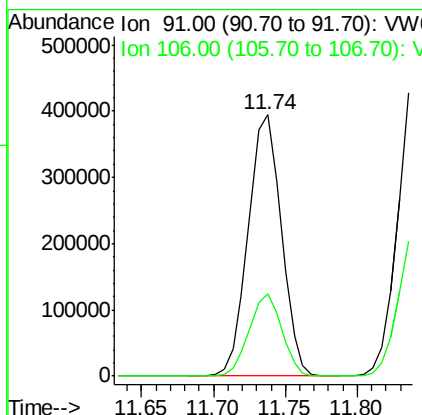
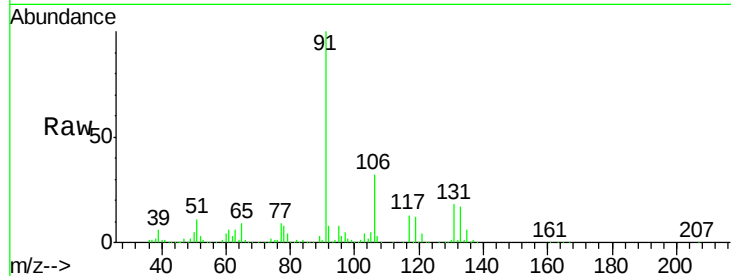




#67
Ethyl Benzene
Concen: 54.148 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

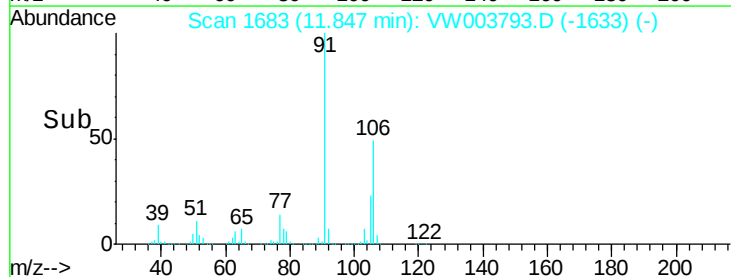
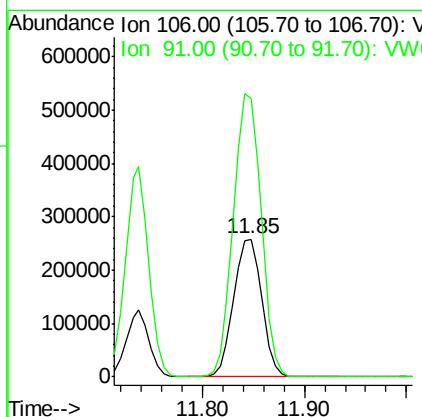
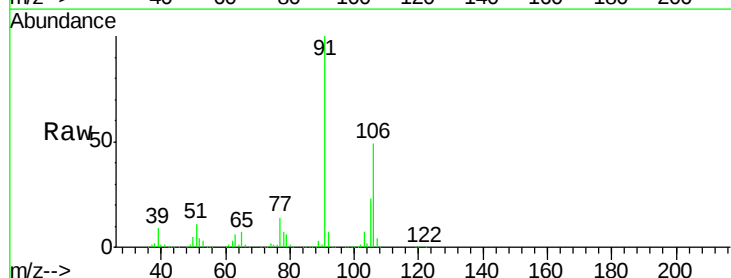
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

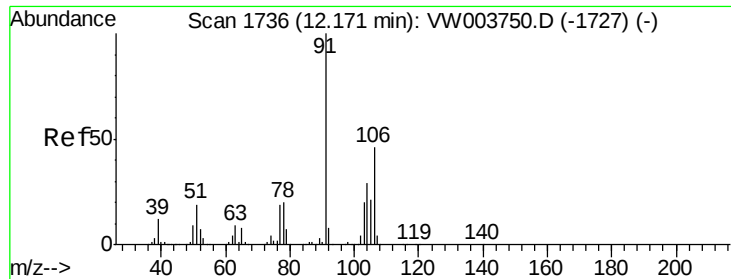
Tot Ion: 91 Resp: 629696
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0



#68
m/p-Xylenes
Concen: 110.094 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 106 Resp: 490267
Ion Ratio Lower Upper
106 100
91 204.5 164.3 246.5

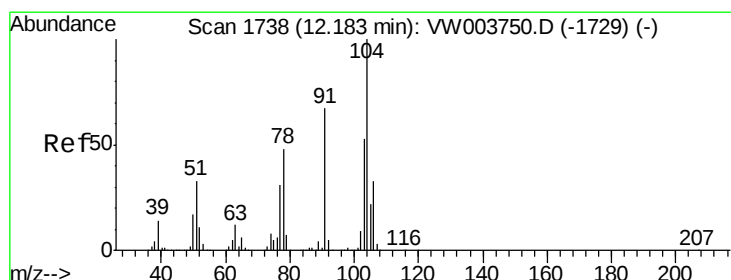
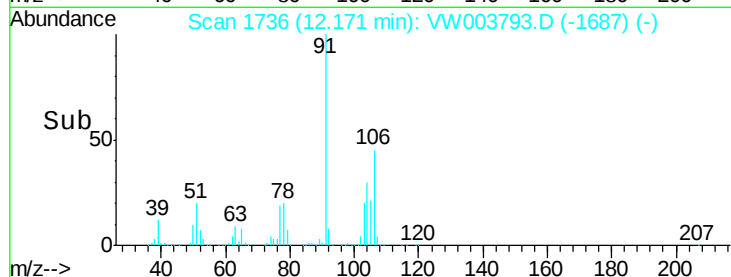
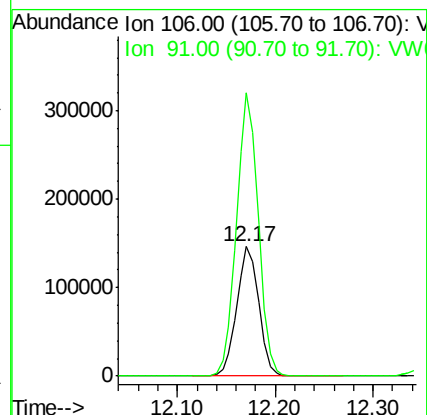
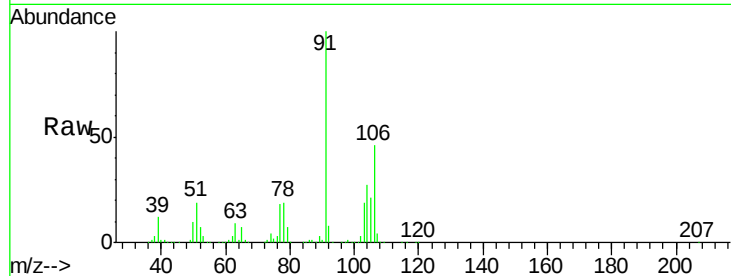




#69
o-Xylene
Concen: 55.523 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

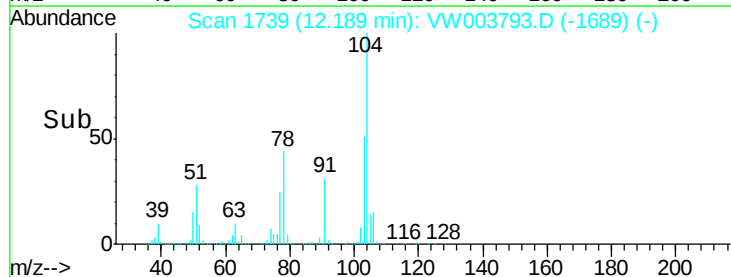
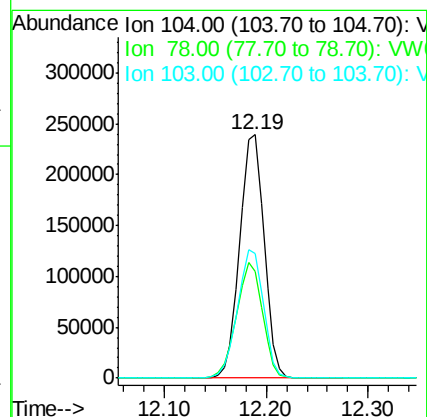
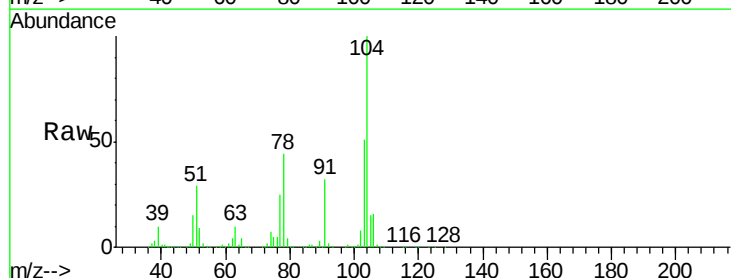
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

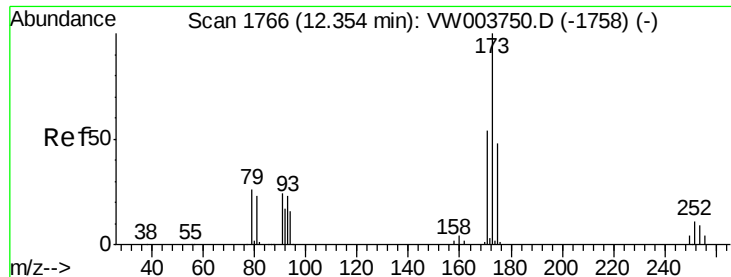
Tot Ion:106 Resp: 228147
Ion Ratio Lower Upper
106 100
91 216.3 109.1 327.2



#70
Styrene
Concen: 56.651 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion:104 Resp: 395846
Ion Ratio Lower Upper
104 100
78 50.3 41.1 61.7
103 56.0 44.6 67.0





#71

Bromoform

Concen: 54.586 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

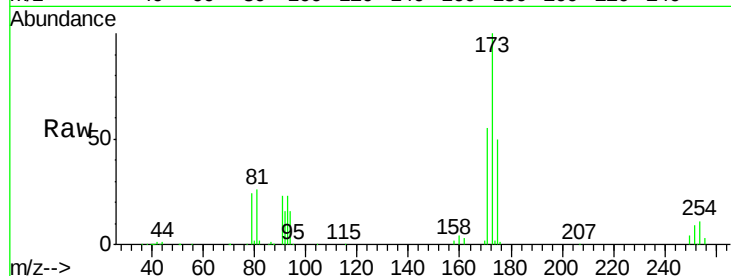
Tot Ion:173 Resp: 71594

Ion Ratio Lower Upper

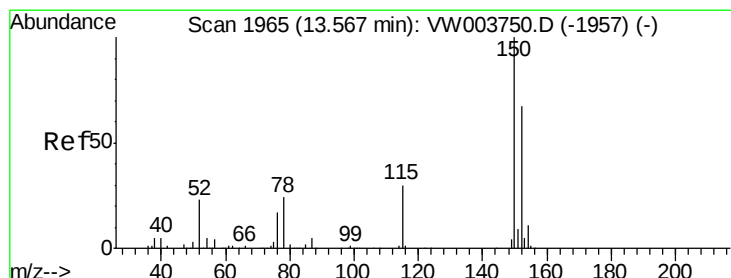
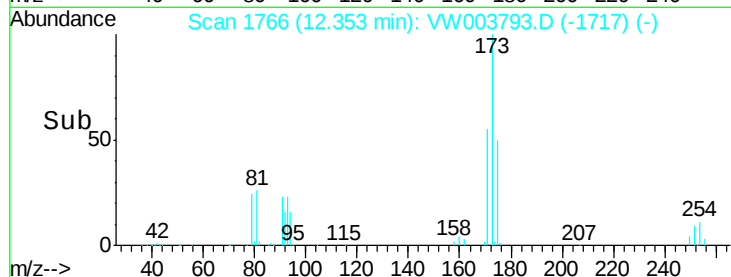
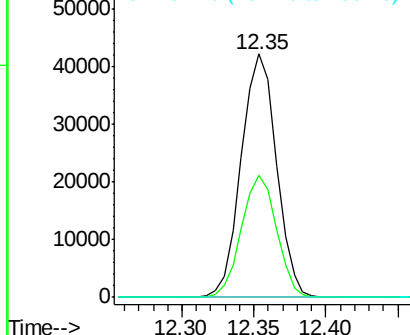
173 100

175 49.9 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

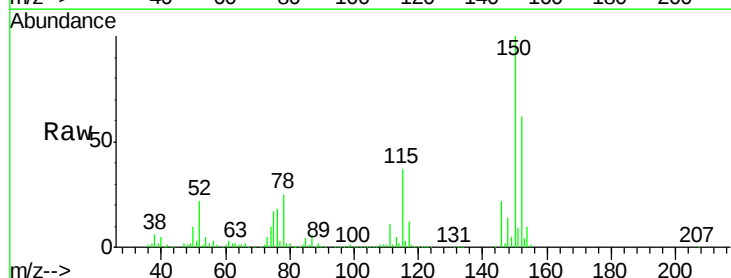
Tgt Ion:152 Resp: 171584

Ion Ratio Lower Upper

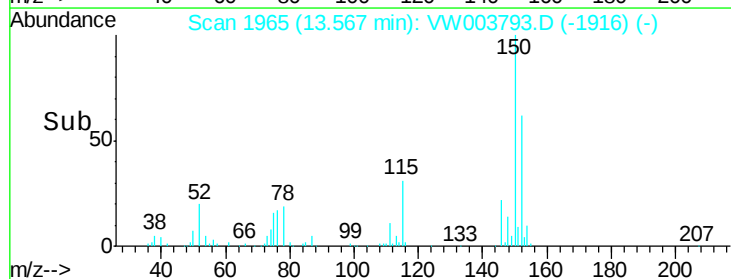
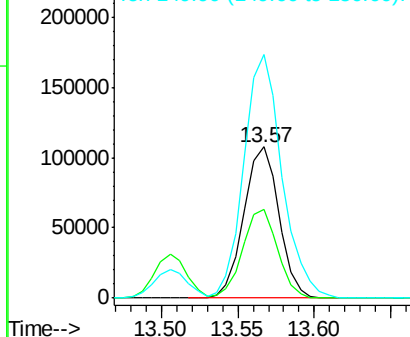
152 100

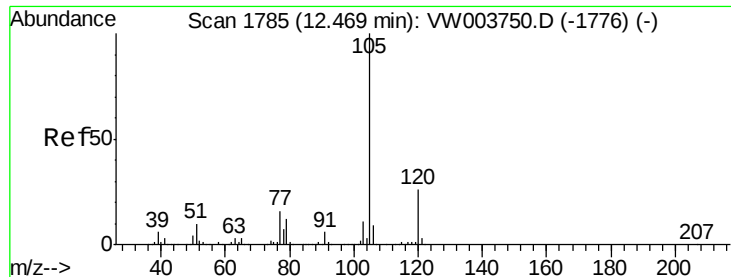
115 58.1 28.9 86.8

150 175.2 0.0 342.4



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: 53.672 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

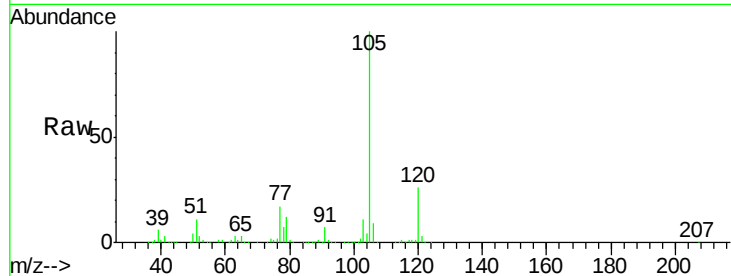
VSTDCCC050

Tot Ion:105 Resp: 623676

Ion Ratio Lower Upper

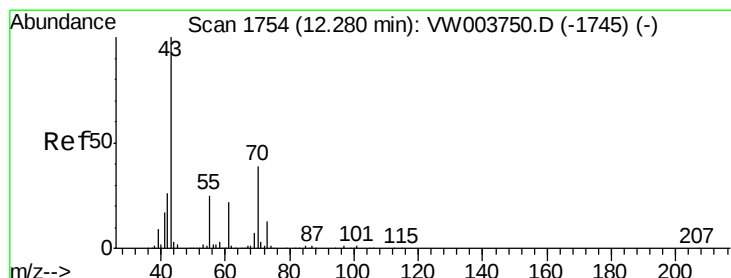
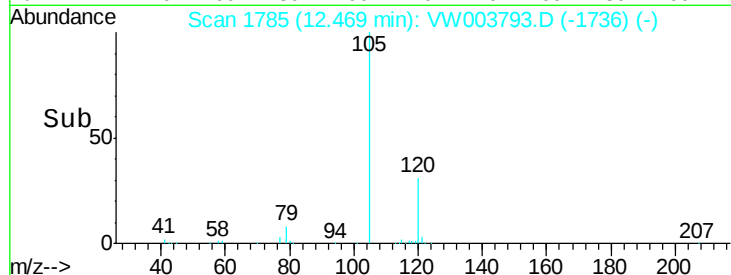
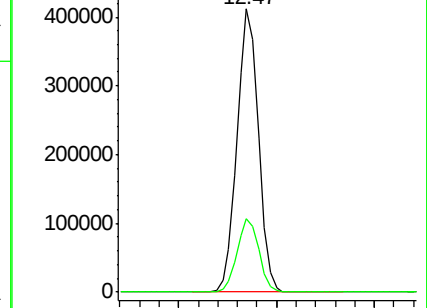
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.319 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion: 43 Resp: 167941

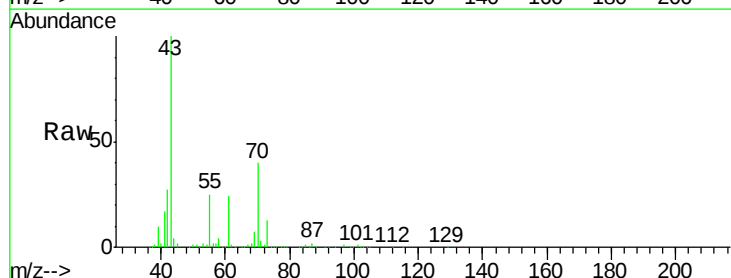
Ion Ratio Lower Upper

43 100

70 39.6 31.3 46.9

55 26.4 20.1 30.1

61 22.8 17.7 26.5

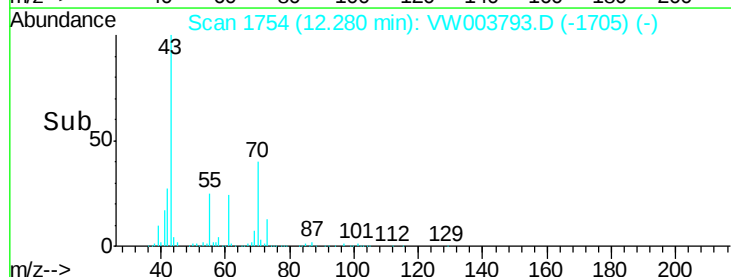
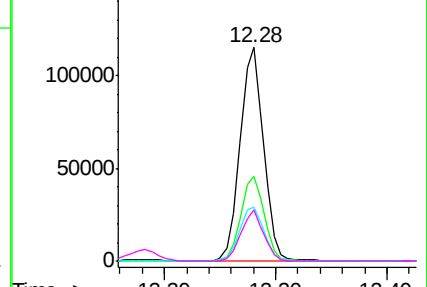


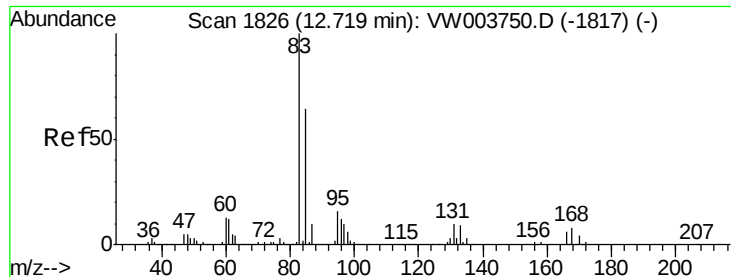
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 52.036 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

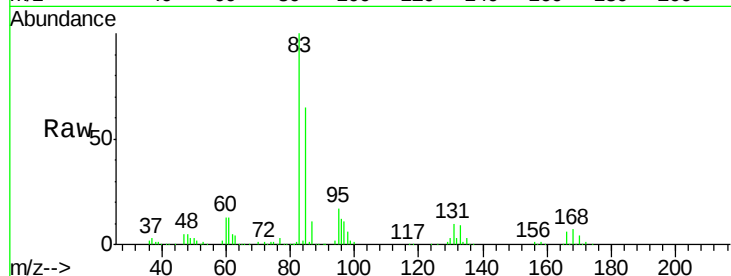
Tot Ion: 83 Resp: 122579

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

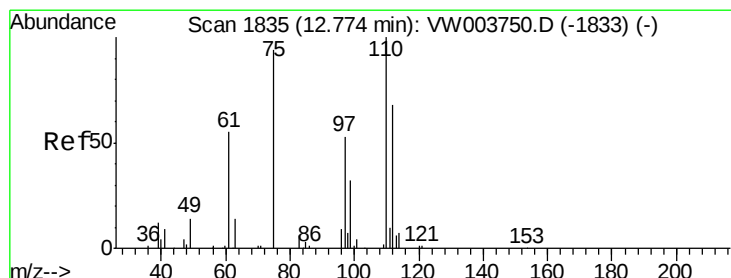
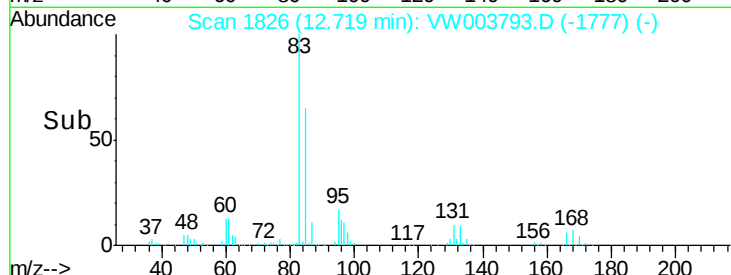
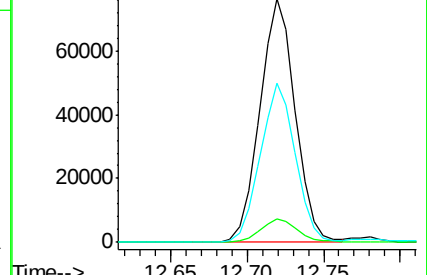
85 64.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 96.478 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003793.D

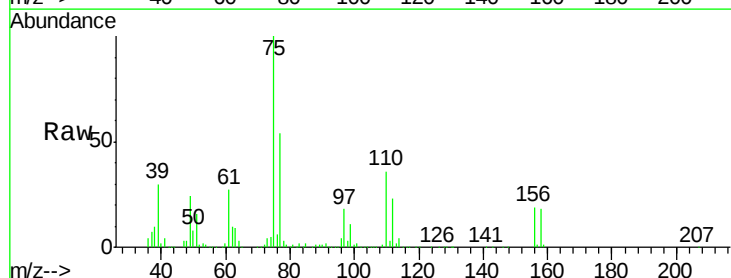
Acq: 09 Jul 2018 22:55

Tgt Ion: 75 Resp: 162559

Ion Ratio Lower Upper

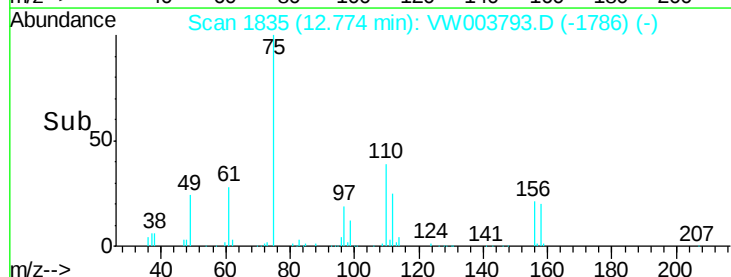
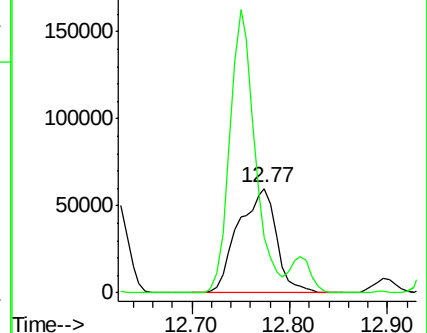
75 100

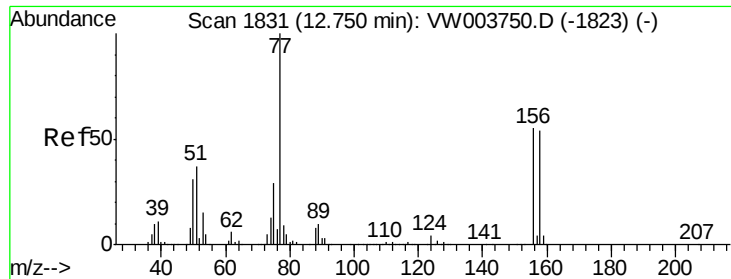
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.141 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

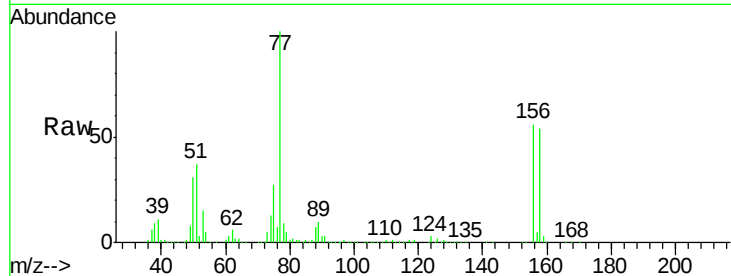
Tot Ion:156 Resp: 150417

Ion Ratio Lower Upper

156 100

77 193.5 98.7 296.0

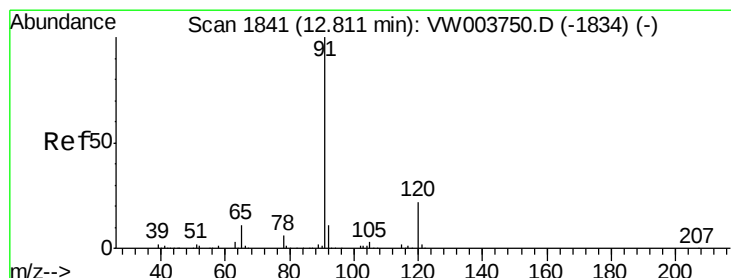
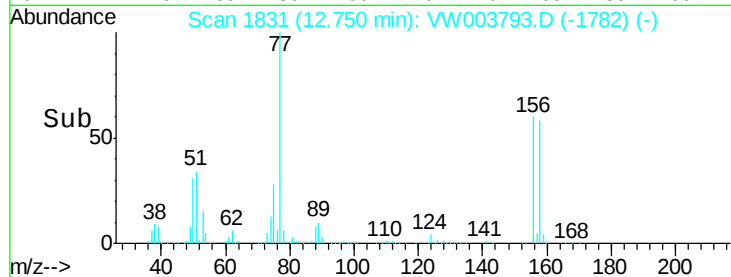
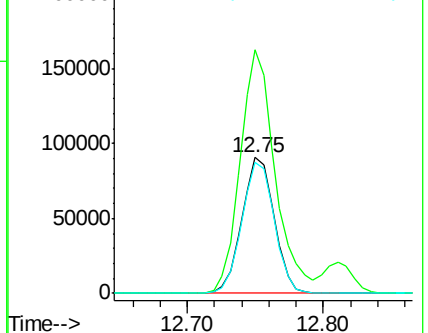
158 97.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.139 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003793.D

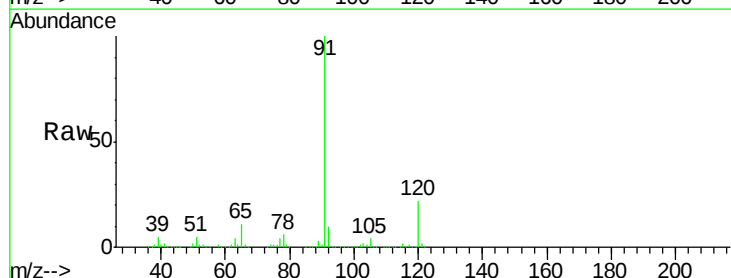
Acq: 09 Jul 2018 22:55

Tgt Ion: 91 Resp: 789727

Ion Ratio Lower Upper

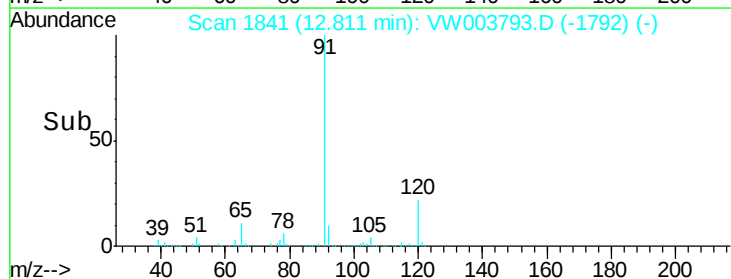
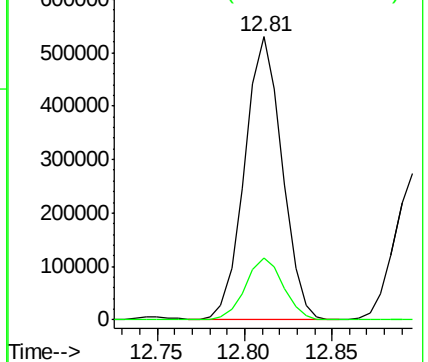
91 100

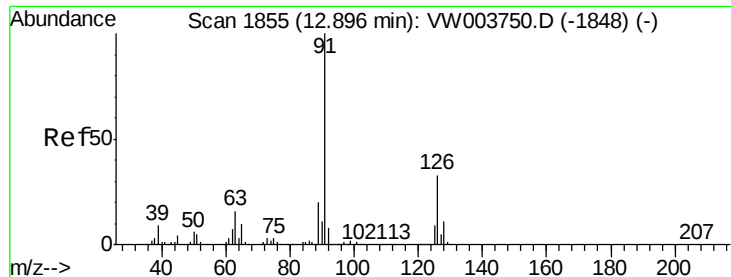
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.982 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

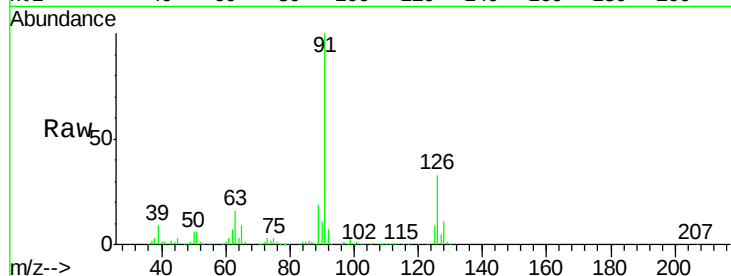
VSTDCCC050

Tot Ion: 91 Resp: 444004

Ion Ratio Lower Upper

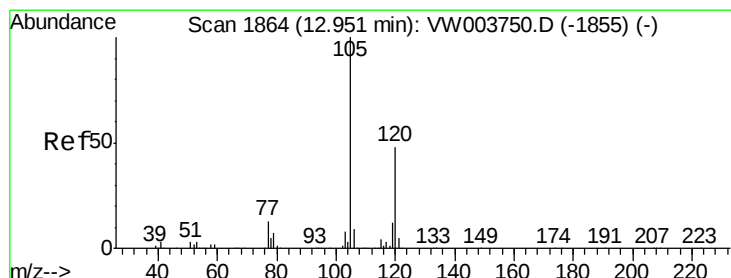
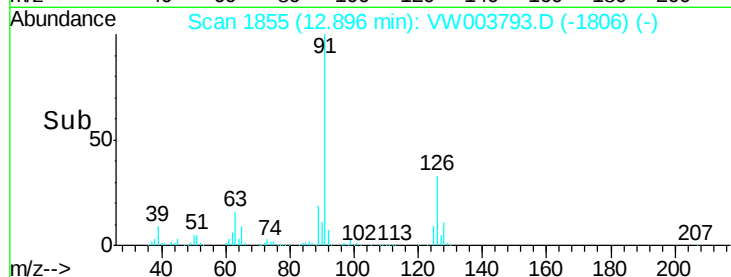
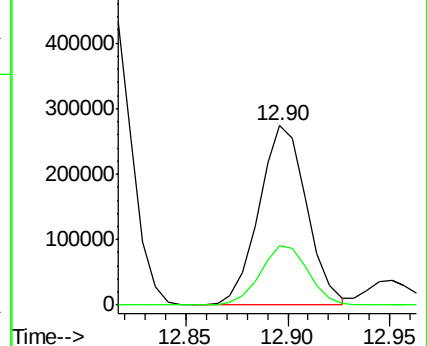
91 100

126 33.4 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.500 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003793.D

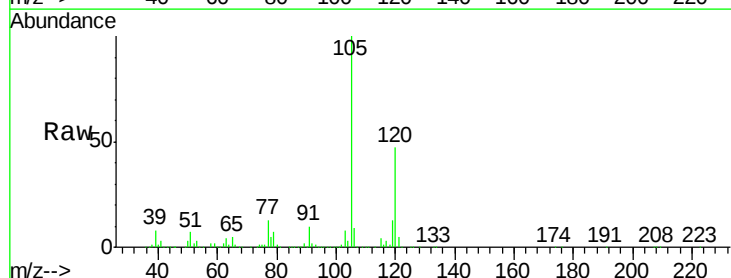
Acq: 09 Jul 2018 22:55

Tgt Ion:105 Resp: 545825

Ion Ratio Lower Upper

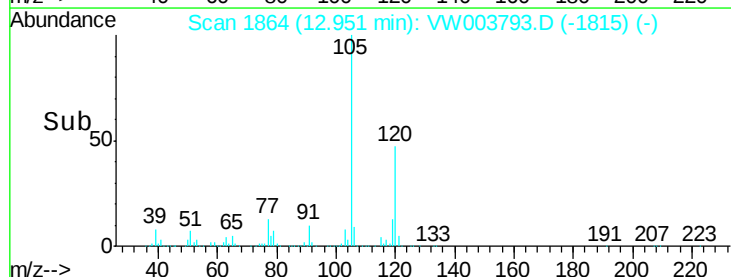
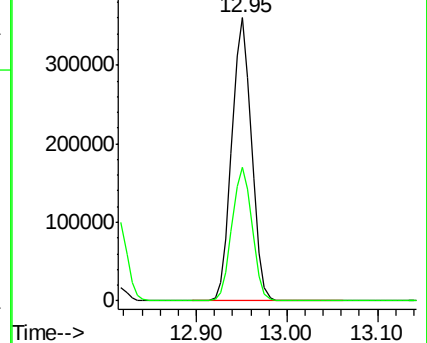
105 100

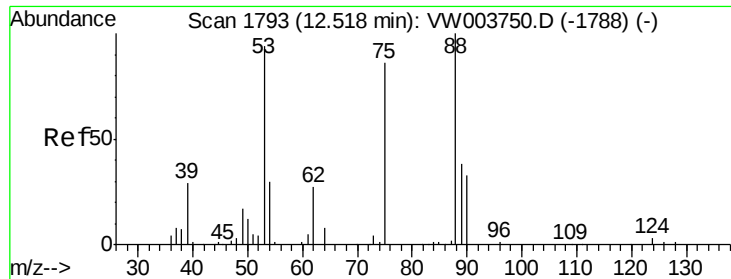
120 48.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.792 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

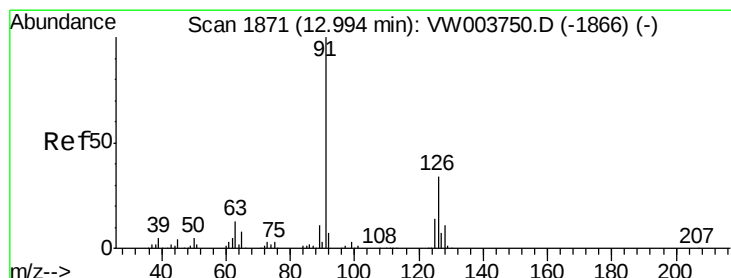
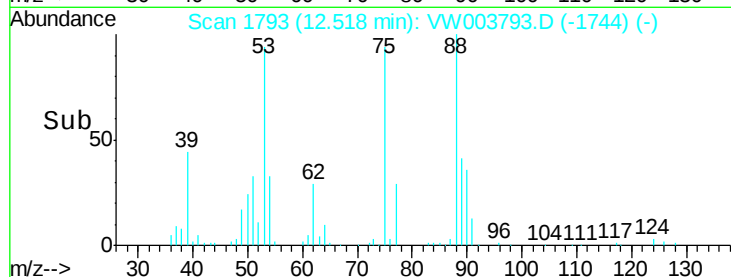
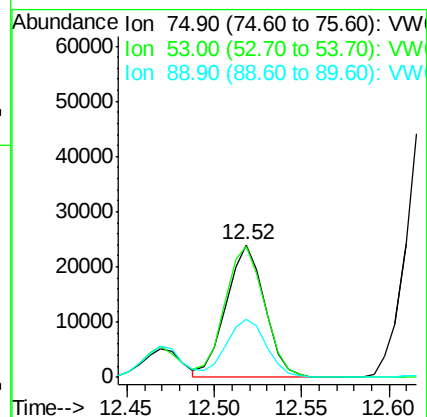
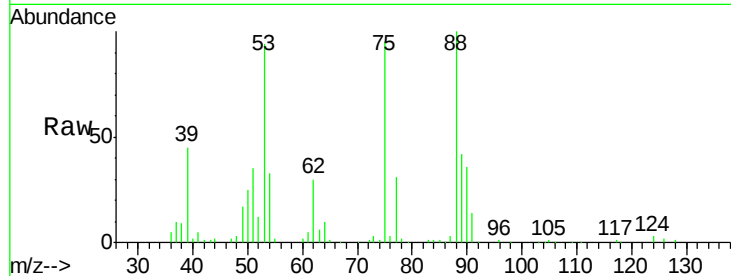
Tot Ion: 75 Resp: 36362

Ion Ratio Lower Upper

75 100

53 103.3 85.0 127.6

89 45.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 52.733 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003793.D

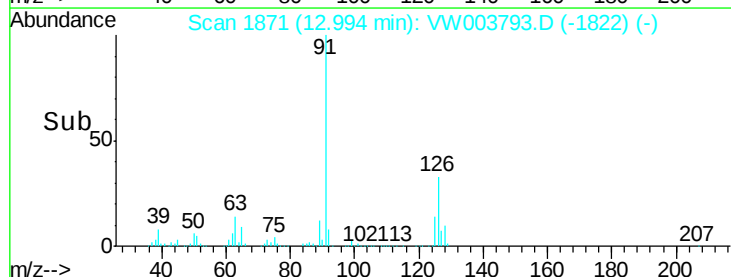
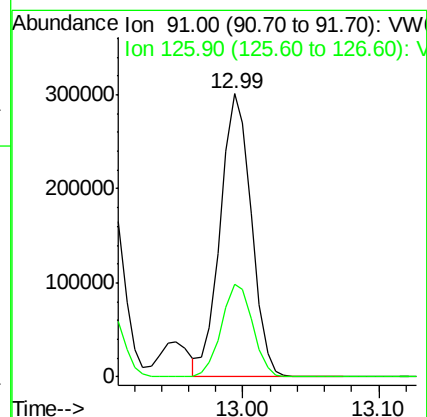
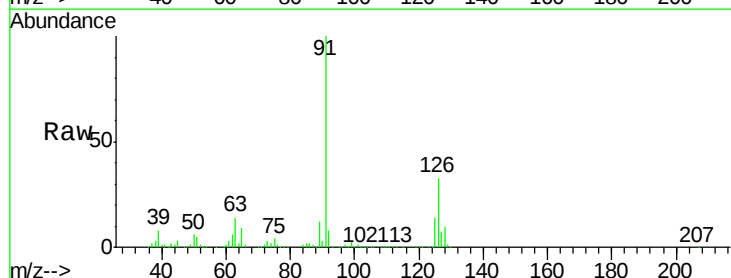
Acq: 09 Jul 2018 22:55

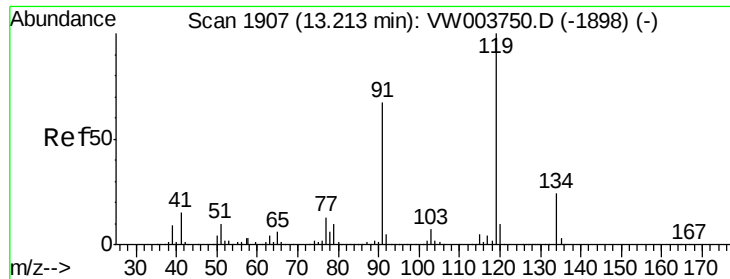
Tgt Ion: 91 Resp: 475203

Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5

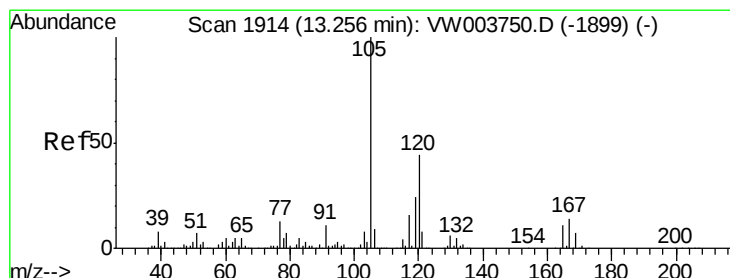
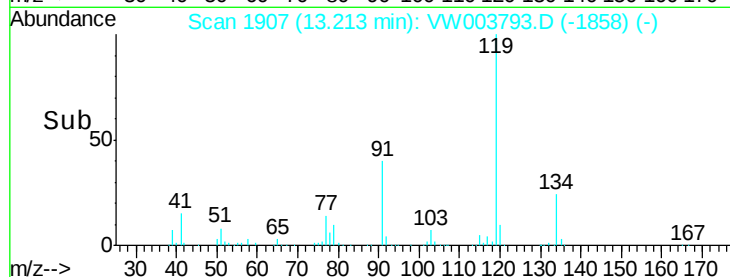
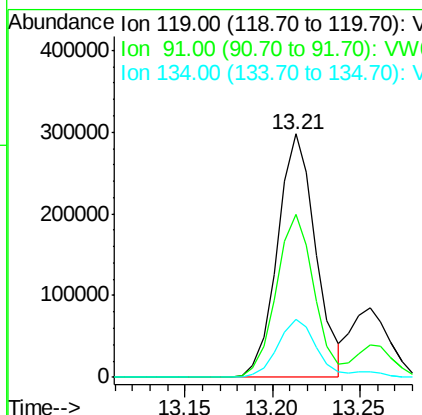
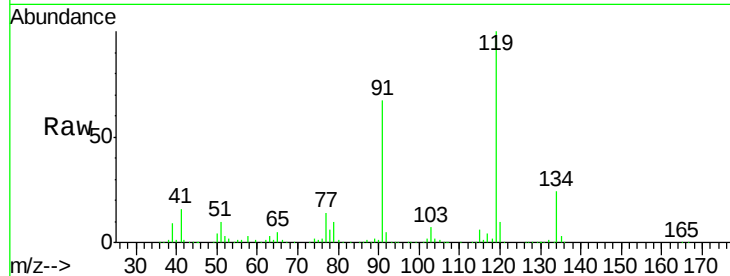




#83
 tert-Butylbenzene
 Concen: 54.975 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

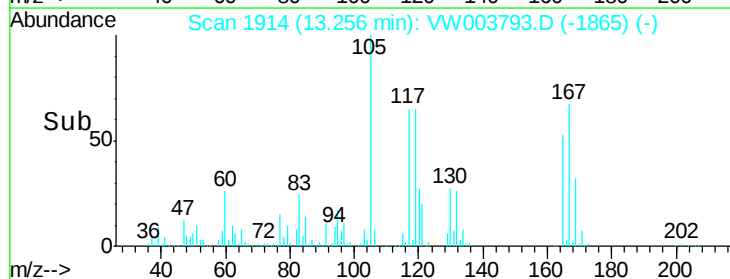
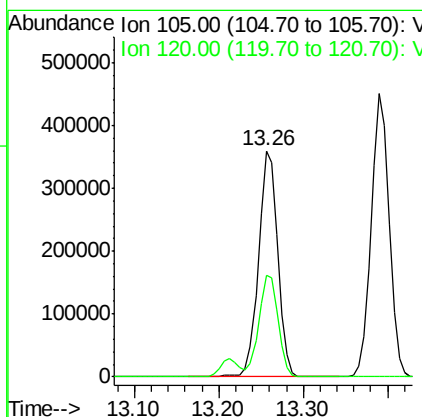
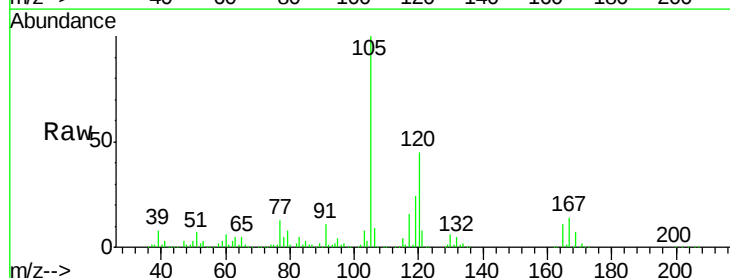
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

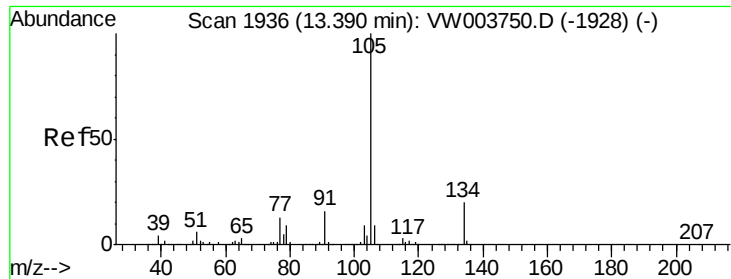
Tot Ion:119 Resp: 454072
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.0 98.9
 134 25.8 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.828 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion:105 Resp: 560045
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.0 66.0

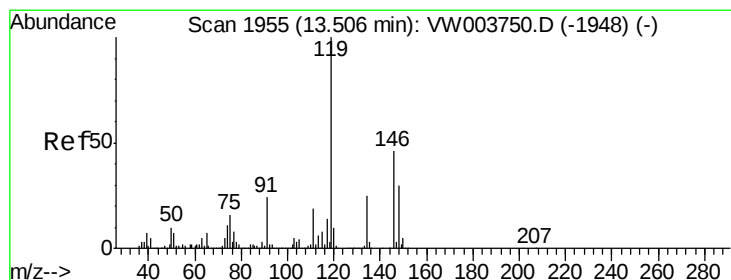
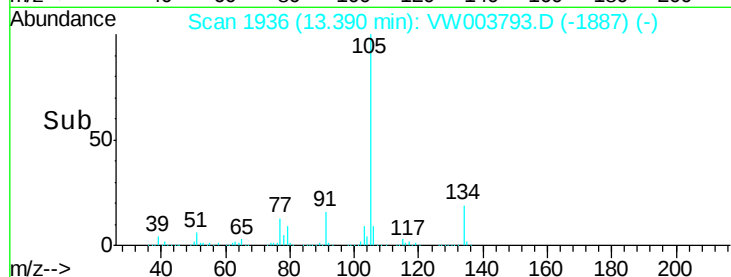
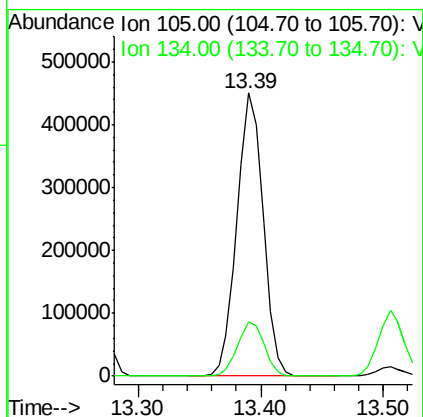
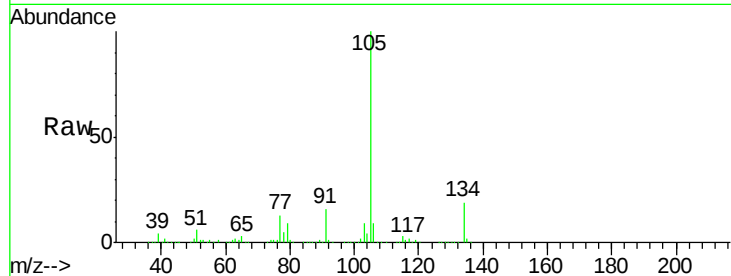




#85
 sec-Butylbenzene
 Concen: 54.061 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

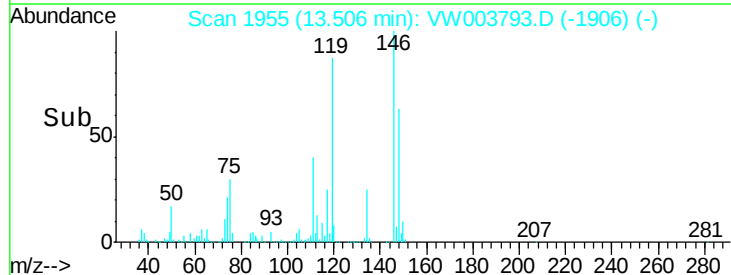
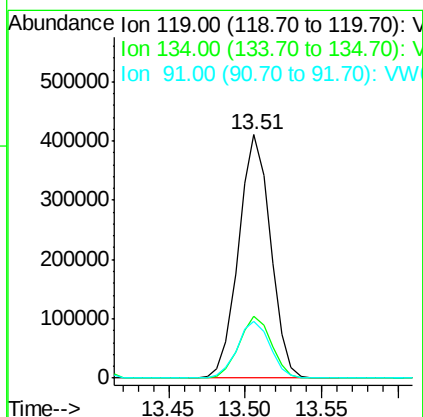
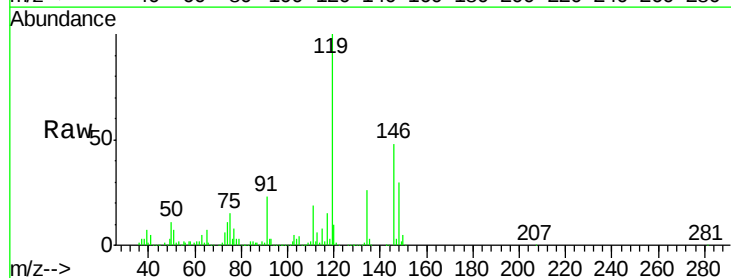
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

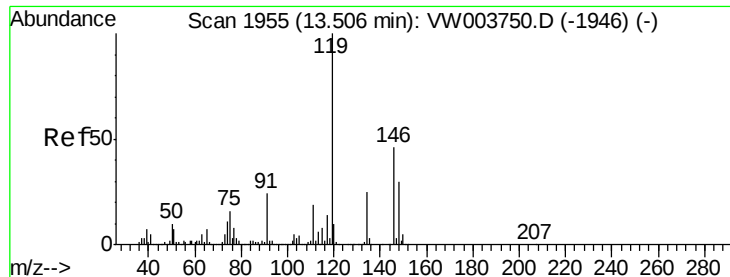
Tot Ion:105 Resp: 667969
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 55.052 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion:119 Resp: 594380
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 51.999 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

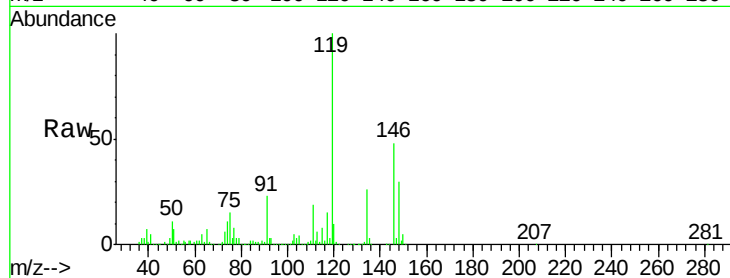
Tot Ion:146 Resp: 303921

Ion Ratio Lower Upper

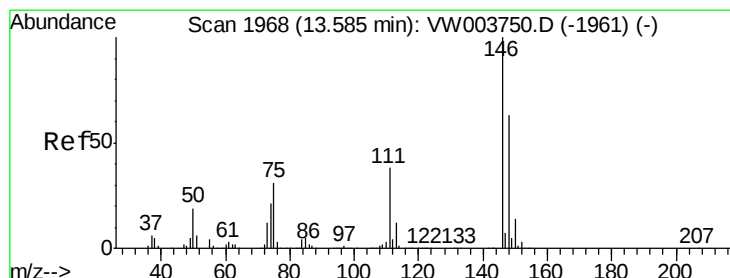
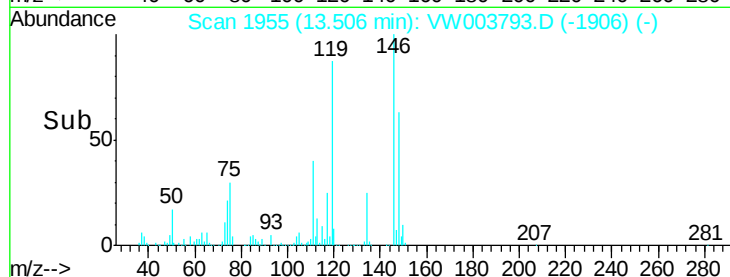
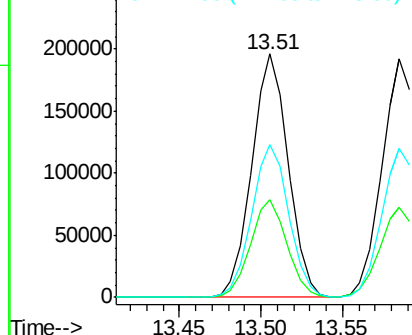
146 100

111 40.1 20.2 60.5

148 63.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.196 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

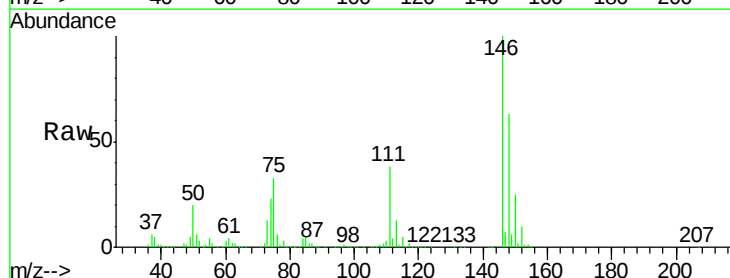
Tgt Ion:146 Resp: 300900

Ion Ratio Lower Upper

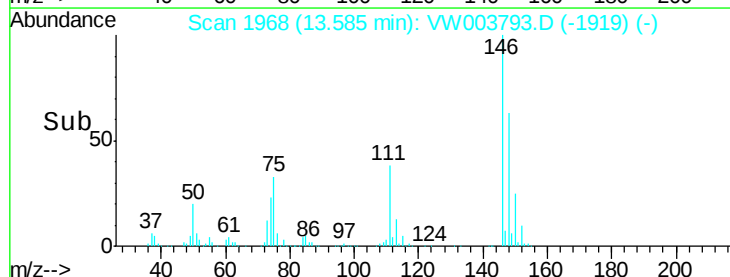
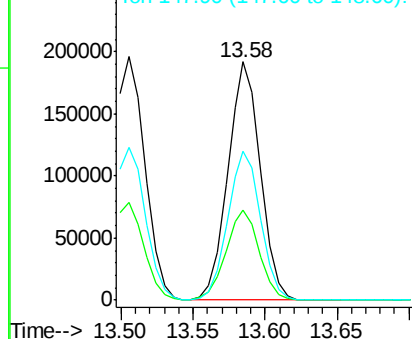
146 100

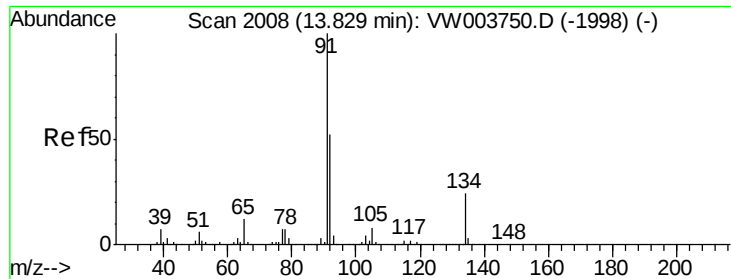
111 38.8 19.4 58.4

148 63.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

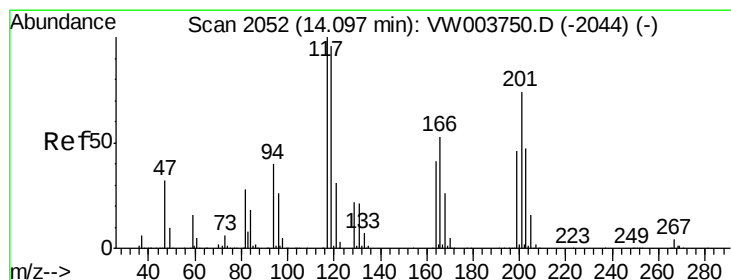
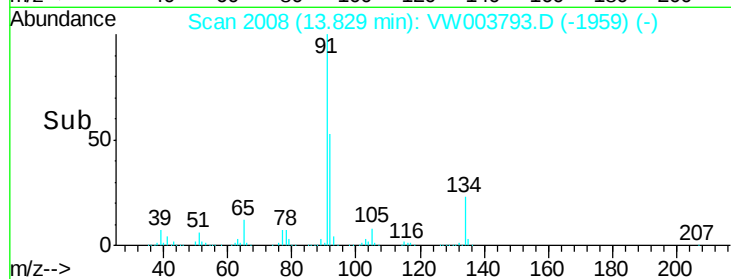
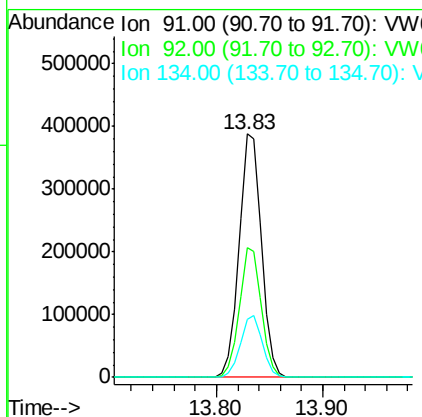
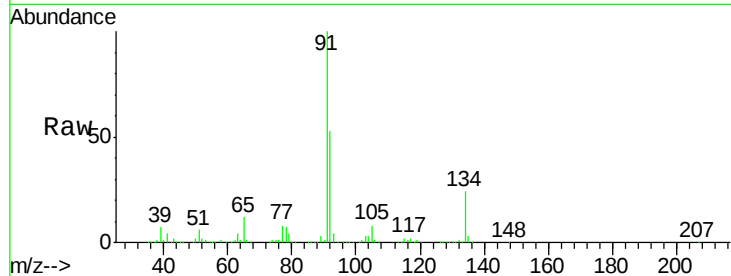




#89
n-Butylbenzene
Concen: 53.817 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

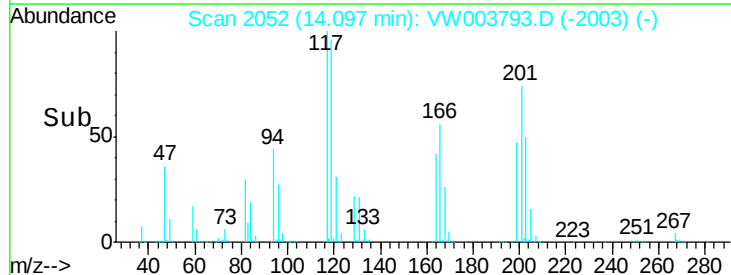
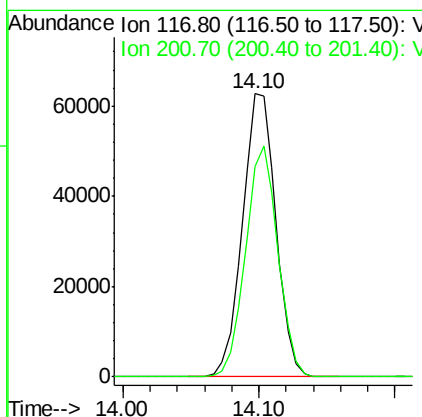
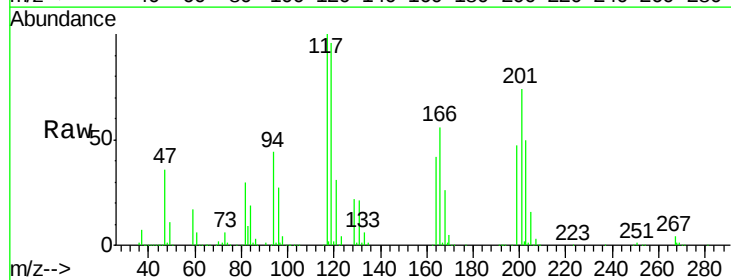
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

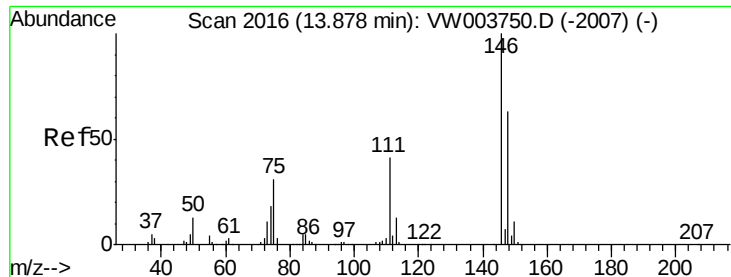
Tot Ion: 91 Resp: 571556
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.3
134 24.7 12.4 37.4



#90
Hexachloroethane
Concen: 51.792 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 117 Resp: 107715
Ion Ratio Lower Upper
117 100
201 78.8 39.2 117.6

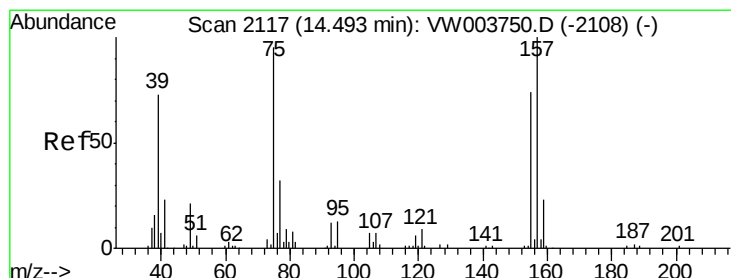
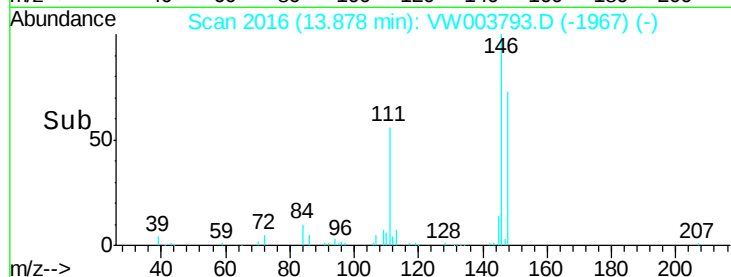
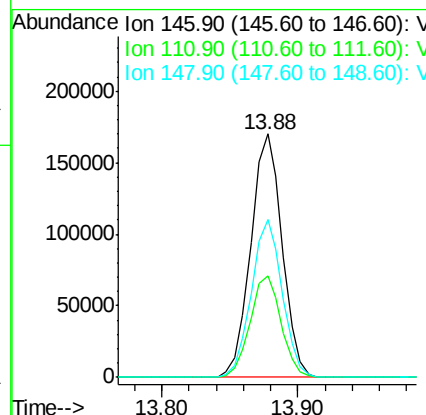
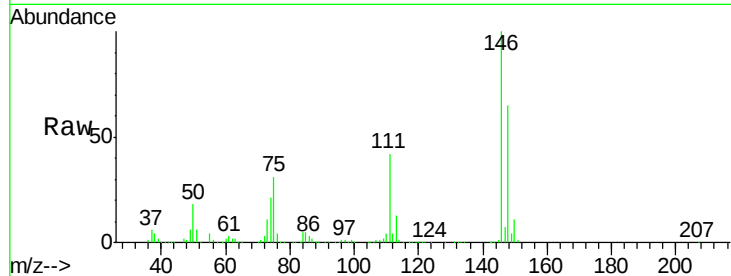




#91
 1,2-Dichlorobenzene
 Concen: 52.136 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

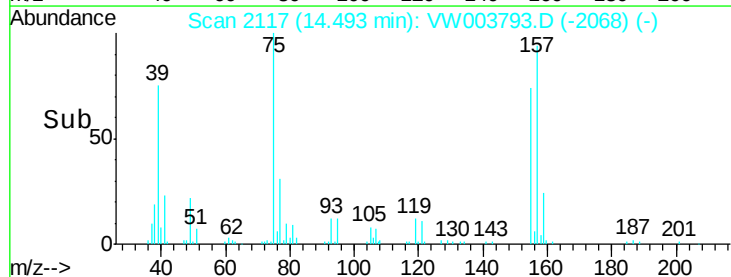
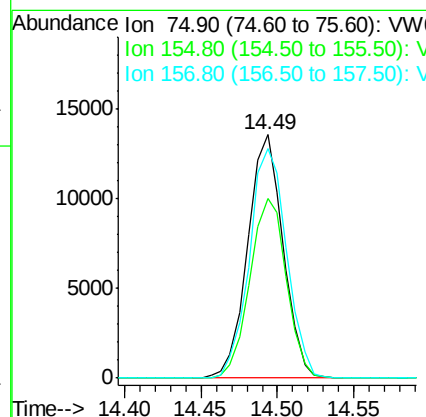
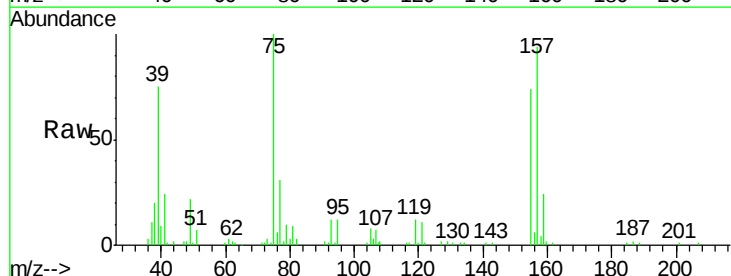
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

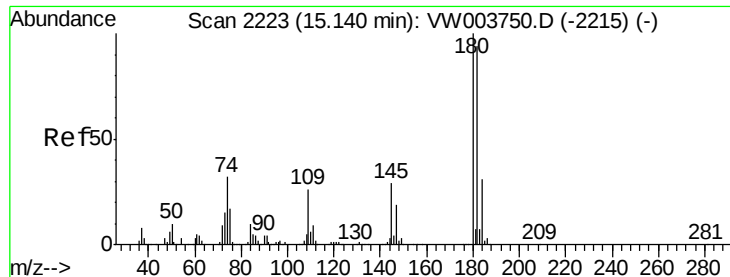
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	63.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.431 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	39.2	117.6
157	99.2	50.7	152.1

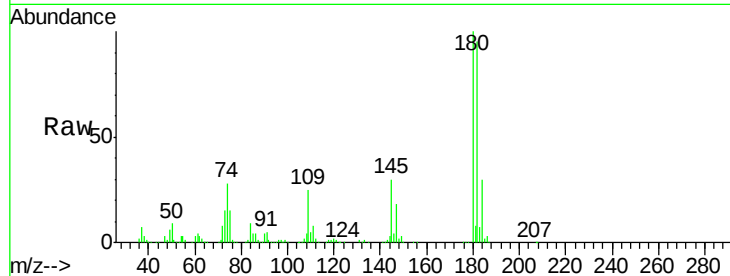




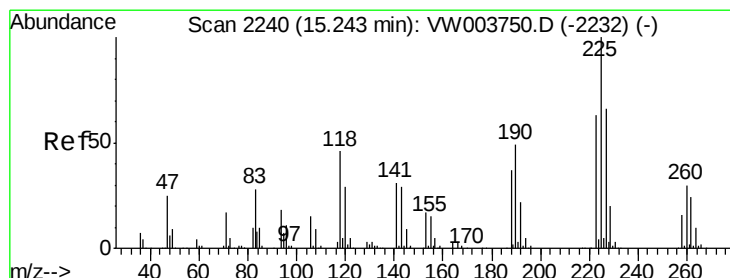
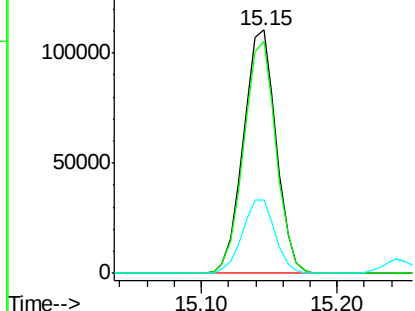
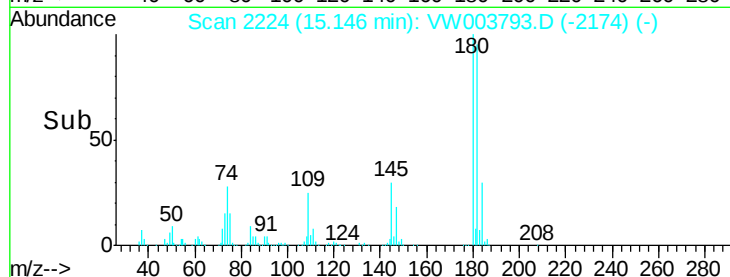
#93
 1,2,4-Trichlorobenzene
 Concen: 52.138 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.2
145	30.2	15.0	45.0

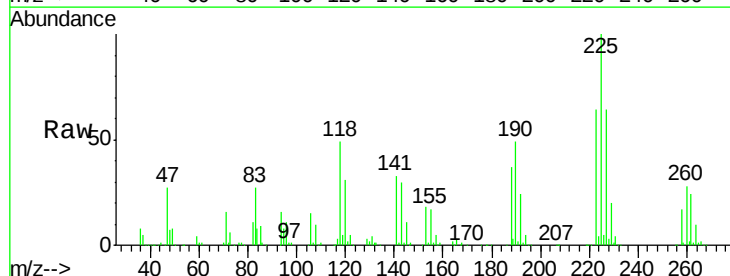


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

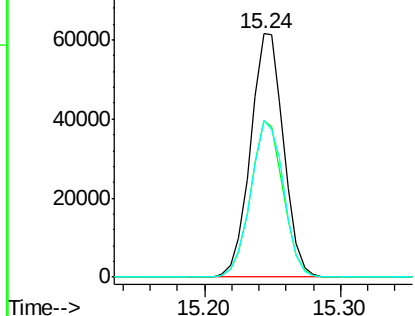
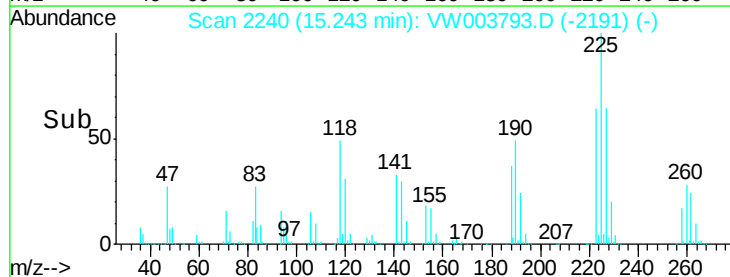


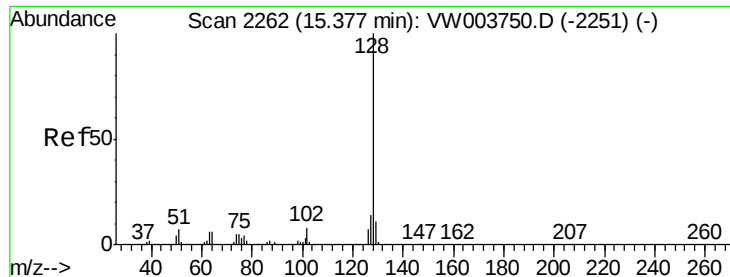
#94
 Hexachlorobutadiene
 Concen: 51.354 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.6	97.7
227	64.1	32.5	97.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

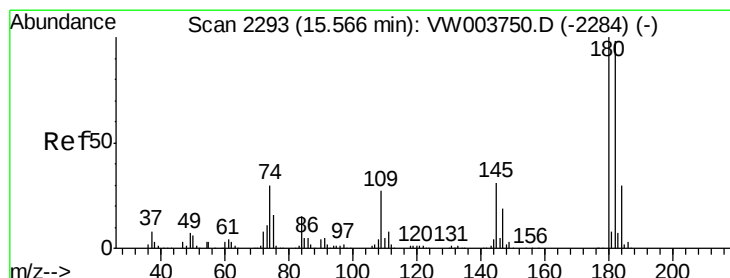
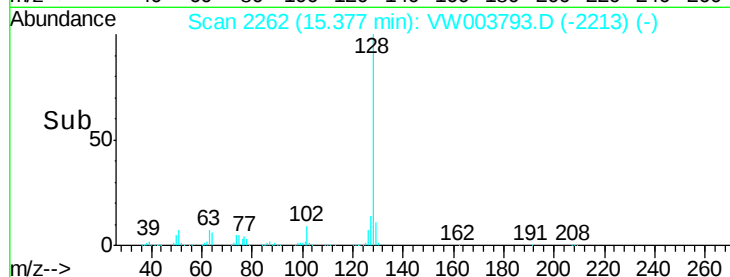
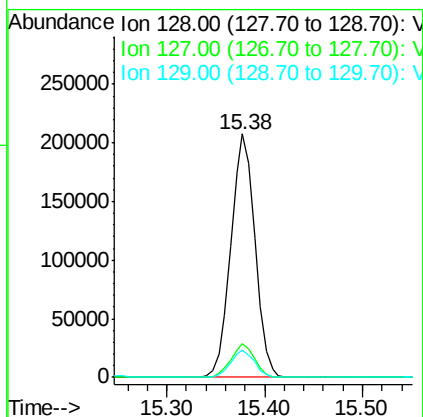
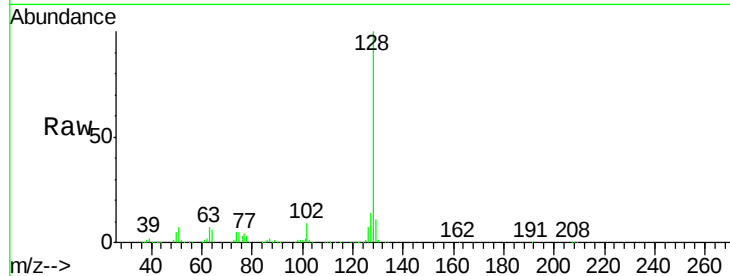




#95
Naphthalene
Concen: 55.650 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 354161
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.272 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion:180 Resp: 166662
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.3
145 31.9 15.8 47.4

