

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005128.D
 Acq On : 05 Sep 2018 14:32
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 16:34:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	635934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	913166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	876480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	462650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	247825	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.89	113	250606	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.33	98	1244510	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	449692	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	259213	50.58	ug/l	97
3) Chloromethane	2.21	50	396083	53.26	ug/l	98
4) Vinyl Chloride	2.36	62	402644	55.68	ug/l	98
5) Bromomethane	2.77	94	233043	53.45	ug/l	96
6) Chloroethane	2.92	64	238276	52.94	ug/l	100
7) Trichlorofluoromethane	3.26	101	436072	53.61	ug/l	100
8) Diethyl Ether	3.69	74	153681	52.21	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	303594	54.33	ug/l	98
10) Methyl Iodide	4.28	142	362909	43.96	ug/l	100
11) Tert butyl alcohol	5.21	59	102990	348.03	ug/l	98
12) 1,1-Dichloroethene	4.04	96	275768	53.63	ug/l	94
13) Acrolein	3.90	56	91036	266.06	ug/l	98
14) Allyl chloride	4.68	41	465958	57.97	ug/l	98
15) Acrylonitrile	5.38	53	356287	286.99	ug/l	99
16) Acetone	4.14	43	306266	289.69	ug/l	97
17) Carbon Disulfide	4.38	76	973379	54.32	ug/l	100
18) Methyl Acetate	4.68	43	164017	52.74	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	708842	56.77	ug/l	99
20) Methylene Chloride	4.92	84	382133	53.80	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	318202	50.79	ug/l	98
22) Diisopropyl ether	6.32	45	978230	57.83	ug/l	99
23) Vinyl Acetate	6.26	43	2694712	303.30	ug/l	99
24) 1,1-Dichloroethane	6.22	63	559327	52.90	ug/l	100
25) 2-Butanone	7.18	43	524712	286.15	ug/l	100
26) 2,2-Dichloropropane	7.17	77	507862	58.45	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	349618	51.01	ug/l	95
28) Bromochloromethane	7.52	49	217468	51.10	ug/l	93
29) Tetrahydrofuran	7.54	42	267240	285.22	ug/l	99
30) Chloroform	7.68	83	543554	50.37	ug/l	98
31) Cyclohexane	7.96	56	593118	57.29	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	500362	53.24	ug/l	99
36) 1,1-Dichloropropene	8.09	75	487325	56.03	ug/l	98
37) Ethyl Acetate	7.26	43	188353	57.91	ug/l	99
38) Carbon Tetrachloride	8.07	117	437360	52.89	ug/l	99

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Quant Time: Sep 05 16:34:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	633145	60.20	ug/l	98
40) Benzene	8.33	78	1420903	53.37	ug/l	98
41) Methacrylonitrile	7.49	41	116740	61.95	ug/l	97
42) 1,2-Dichloroethane	8.40	62	332475	51.02	ug/l	98
43) Isopropyl Acetate	8.43	43	356088	60.17	ug/l	98
44) Trichloroethene	9.10	130	372630	51.87	ug/l	99
45) 1,2-Dichloropropane	9.37	63	348475	53.58	ug/l	99
46) Dibromomethane	9.46	93	160264	51.53	ug/l	96
47) Bromodichloromethane	9.65	83	409267	52.26	ug/l	98
48) Methyl methacrylate	9.44	41	180039	63.18	ug/l	94
49) 1,4-Dioxane	9.47	88	62259	1237.86	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	1246322	314.21	ug/l	100
52) Toluene	10.39	92	987741	54.75	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	440617	57.26	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	530841	56.72	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	248539	51.61	ug/l	96
56) Ethyl methacrylate	10.65	69	343028	62.44	ug/l	97
57) 1,3-Dichloropropane	10.94	76	425558	53.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	744457	285.98	ug/l	98
59) 2-Hexanone	10.98	43	895237	333.69	ug/l	100
60) Dibromochloromethane	11.13	129	282126	51.82	ug/l	99
61) 1,2-Dibromoethane	11.24	107	229222	52.73	ug/l	99
64) Tetrachloroethene	10.87	164	349152	50.77	ug/l	97
65) Chlorobenzene	11.66	112	1069315	54.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	317510	52.66	ug/l	99
67) Ethyl Benzene	11.74	91	1929339	57.84	ug/l	100
68) m/p-Xylenes	11.85	106	1513443	113.32	ug/l	99
69) o-Xylene	12.17	106	708728	57.39	ug/l	99
70) Styrene	12.19	104	1170541	57.39	ug/l	99
71) Bromoform	12.35	173	168631	52.77	ug/l #	99
73) Isopropylbenzene	12.47	105	1938322	59.42	ug/l	100
74) N-amyl acetate	12.28	43	386338	68.78	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	291135	58.62	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	389965	112.29	ug/l #	100
77) Bromobenzene	12.75	156	436210	54.27	ug/l	95
78) n-propylbenzene	12.81	91	2359230	59.91	ug/l	99
79) 2-Chlorotoluene	12.90	91	1320705	57.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1637313	58.04	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	93861	65.05	ug/l	100
82) 4-Chlorotoluene	12.99	91	1376084	56.72	ug/l	99
83) tert-Butylbenzene	13.21	119	1407207	59.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1652092	57.50	ug/l	99
85) sec-Butylbenzene	13.39	105	2065702	59.66	ug/l	100
86) p-Isopropyltoluene	13.51	119	1821905	59.45	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	891967	54.02	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	876367	53.51	ug/l	99
89) n-Butylbenzene	13.83	91	1769310	62.29	ug/l	99
90) Hexachloroethane	14.10	117	287165	56.41	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	782843	54.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46317	59.68	ug/l	99

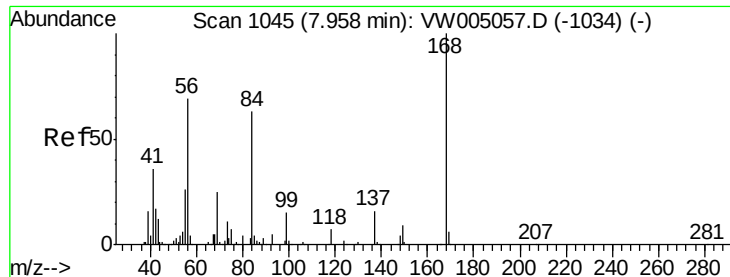
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090518\
Data File : VW005128.D
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	569593	59.03	ug/l	99
94) Hexachlorobutadiene	15.24	225	343976	57.31	ug/l	100
95) Naphthalene	15.38	128	977151	57.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	487732	59.06	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

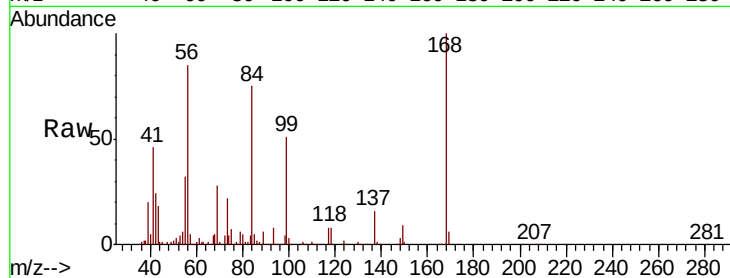
VSTDCCC050

Tot Ion:168 Resp: 635934

Ion Ratio Lower Upper

168 100

99 50.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

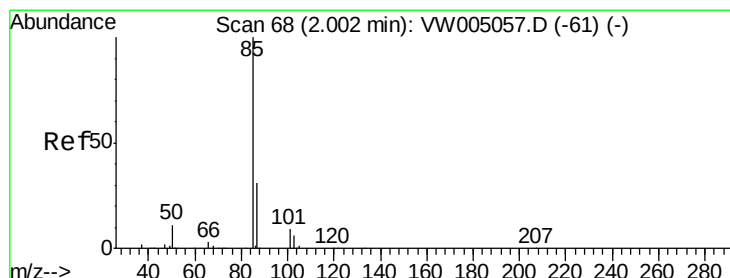
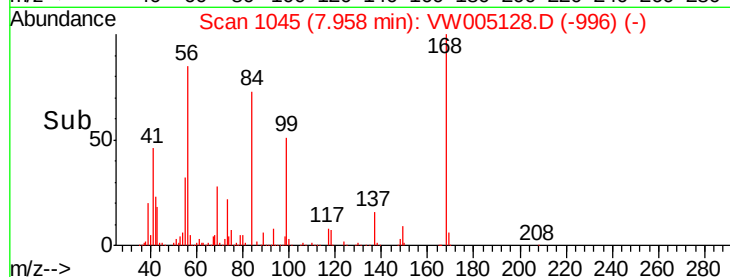
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.58 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005128.D

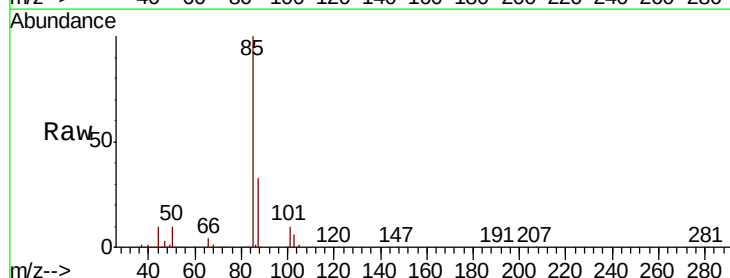
Acq: 05 Sep 2018 14:32

Tgt Ion: 85 Resp: 259213

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200000

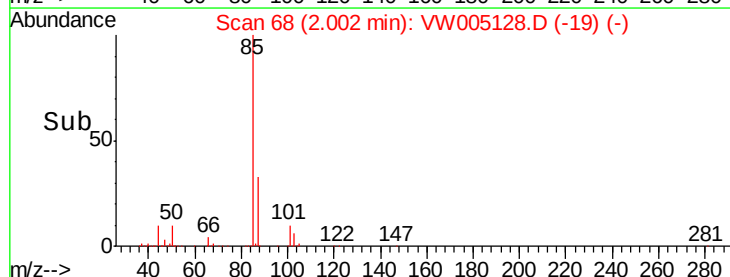
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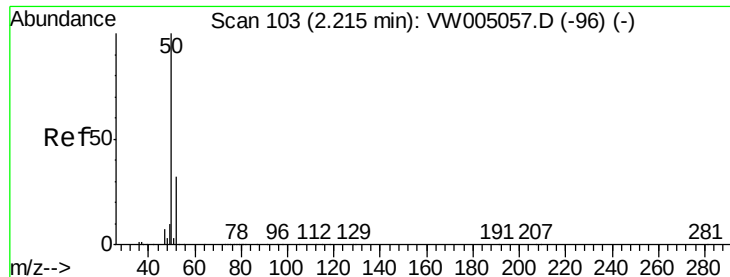
100000

50000

0

Time-->





#3

Chloromethane

Concen: 53.26 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

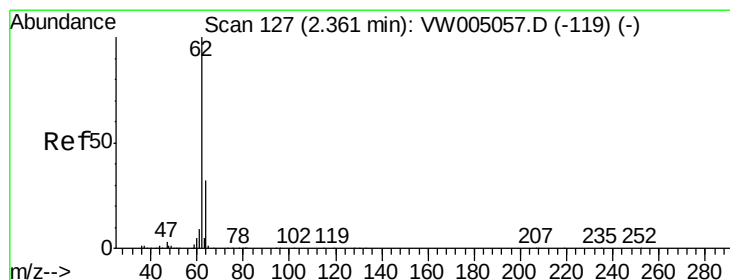
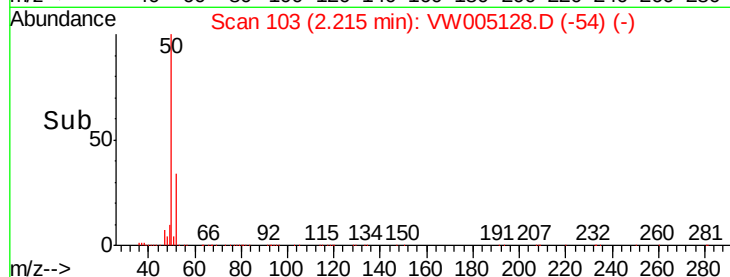
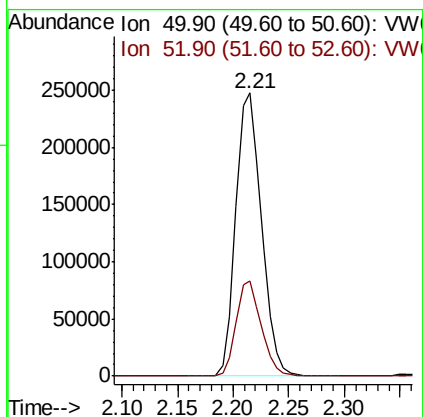
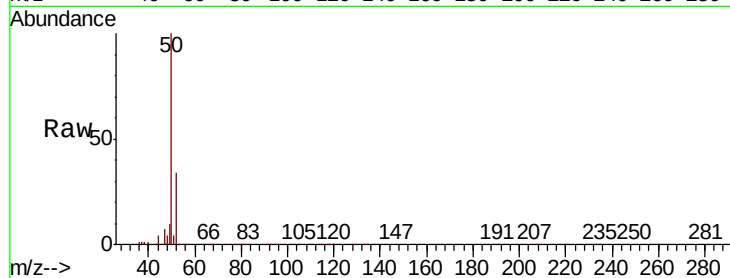
VSTDCCC050

Tot Ion: 50 Resp: 396083

Ion Ratio Lower Upper

50 100

52 33.5 25.8 38.6



#4

Vinyl Chloride

Concen: 55.68 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005128.D

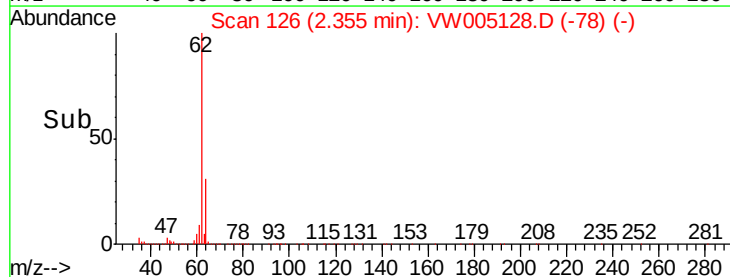
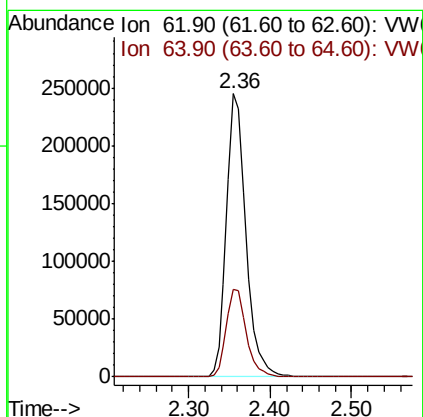
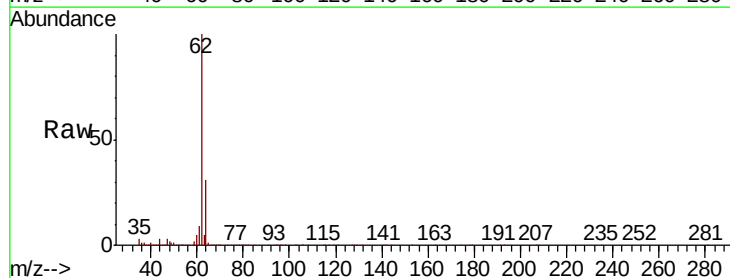
Acq: 05 Sep 2018 14:32

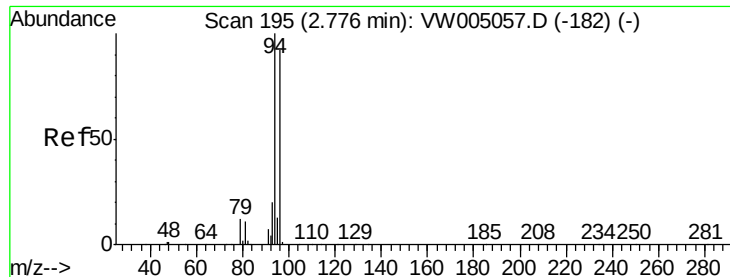
Tgt Ion: 62 Resp: 402644

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4





#5

Bromomethane

Concen: 53.45 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

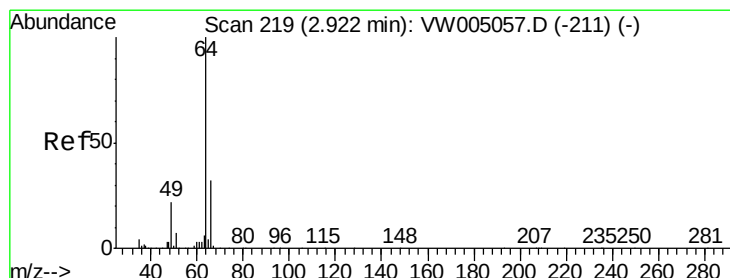
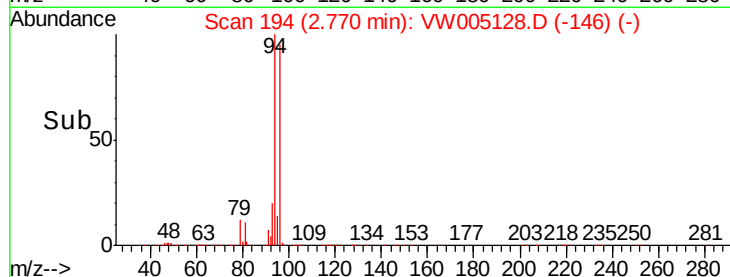
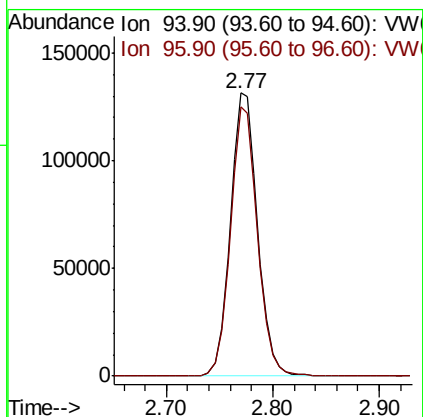
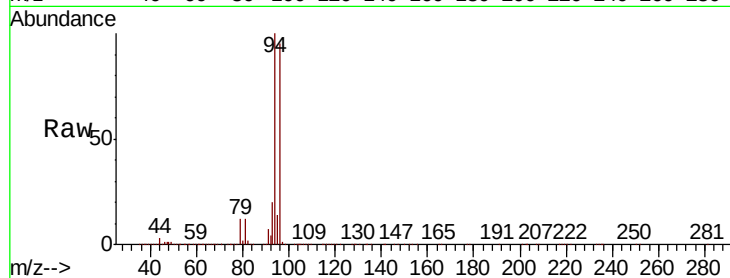
VSTDCCC050

Tot Ion: 94 Resp: 233043

Ion Ratio Lower Upper

94 100

96 95.3 73.2 109.8



#6

Chloroethane

Concen: 52.94 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005128.D

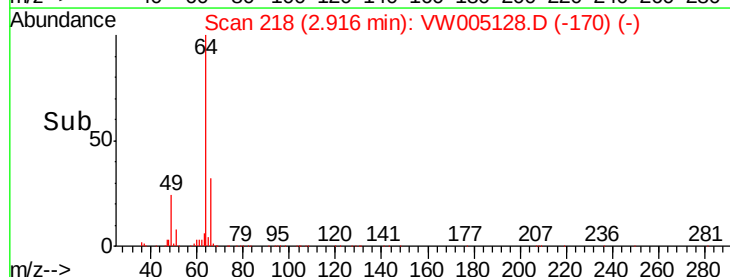
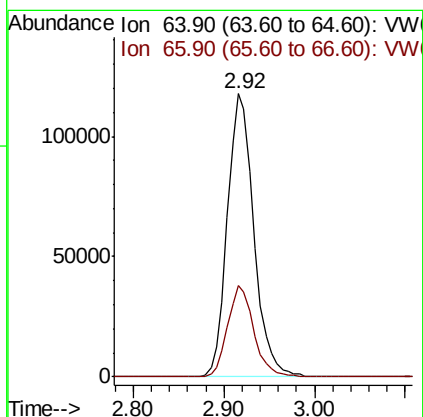
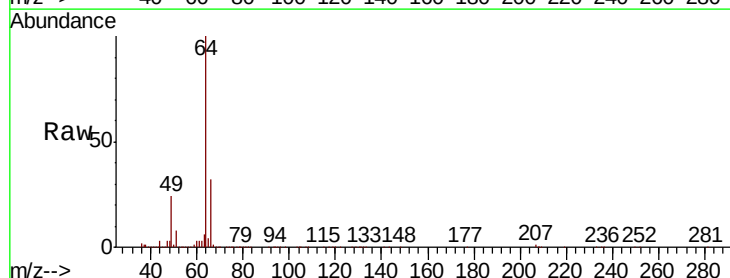
Acq: 05 Sep 2018 14:32

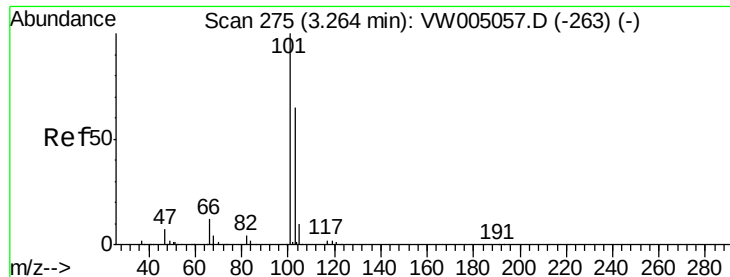
Tgt Ion: 64 Resp: 238276

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5



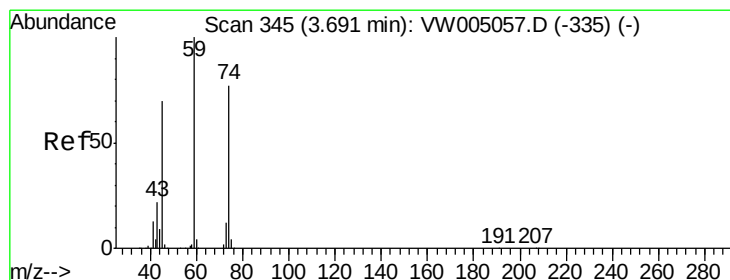
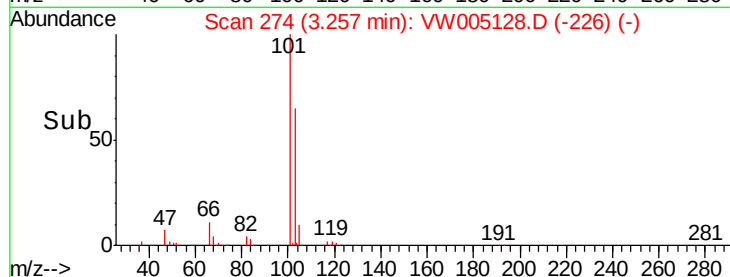
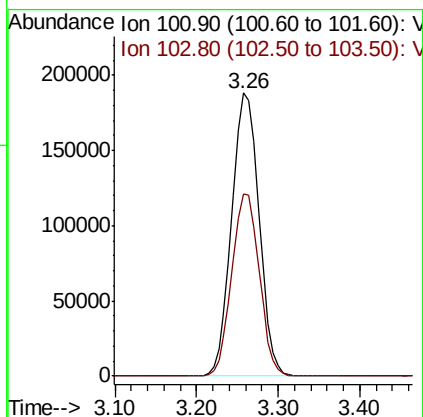
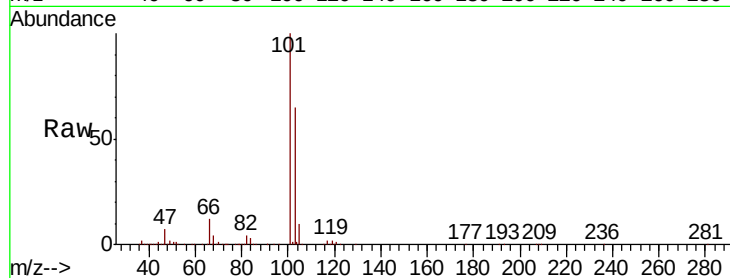


#7

Trichlorofluoromethane
 Concen: 53.61 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
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 ClientSampleId :
 VSTDCCC050

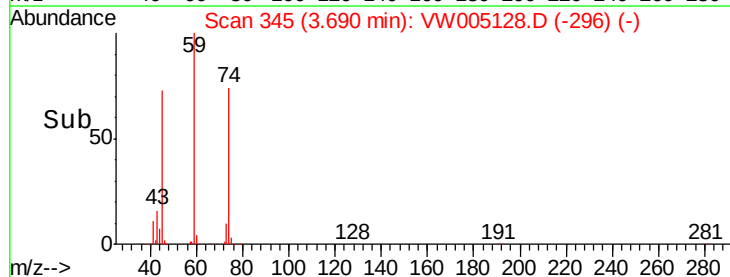
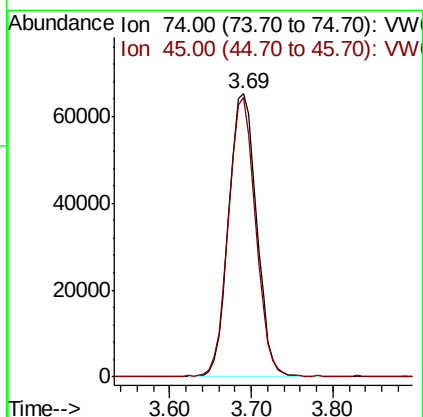
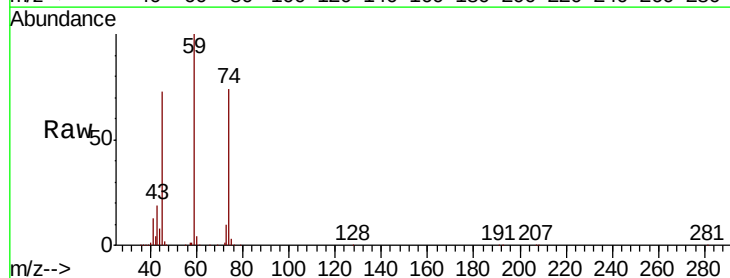
Tot Ion:101 Resp: 436072
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.9 77.9

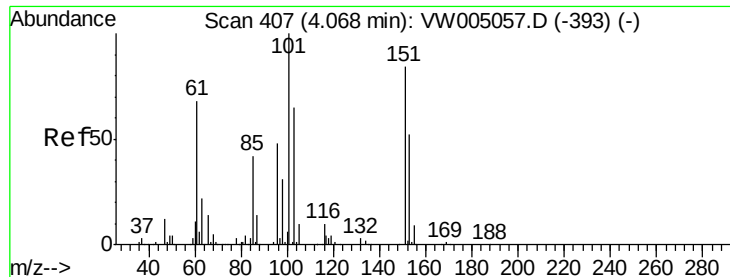


#8

Diethyl Ether
 Concen: 52.21 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion: 74 Resp: 153681
 Ion Ratio Lower Upper
 74 100
 45 95.9 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.33 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

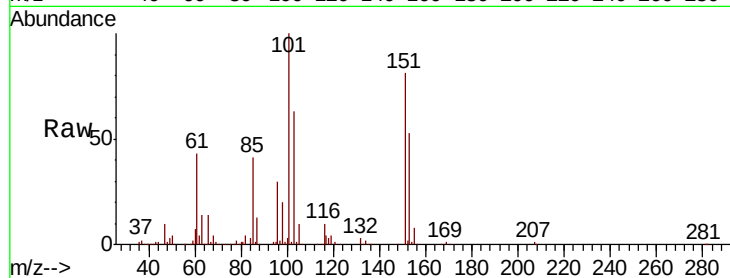
Tot Ion:101 Resp: 303594

Ion Ratio Lower Upper

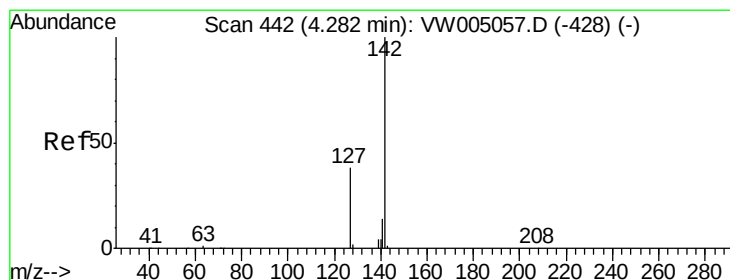
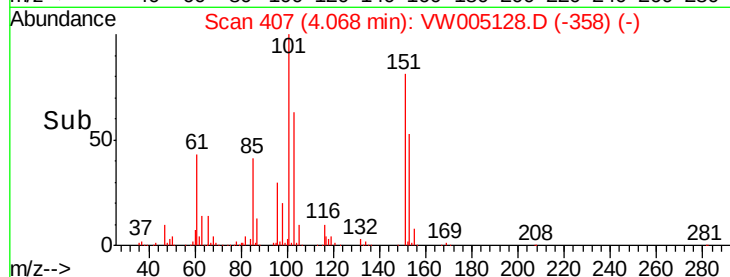
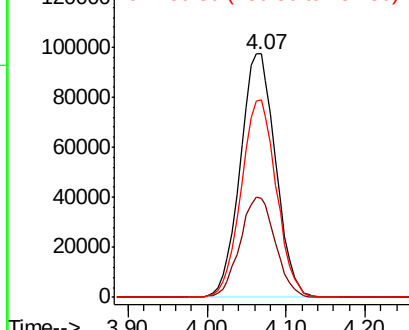
101 100

85 41.2 33.0 49.6

151 80.6 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.96 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

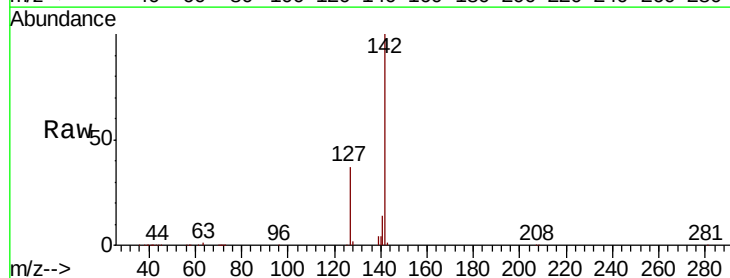
Tgt Ion:142 Resp: 362909

Ion Ratio Lower Upper

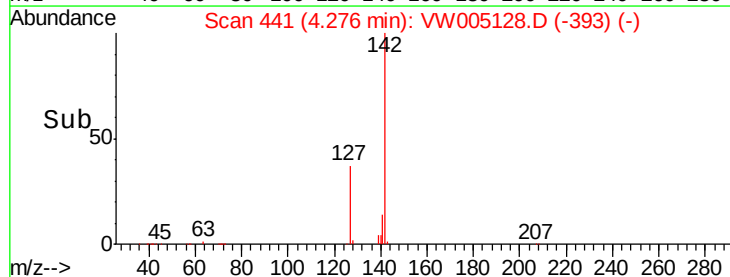
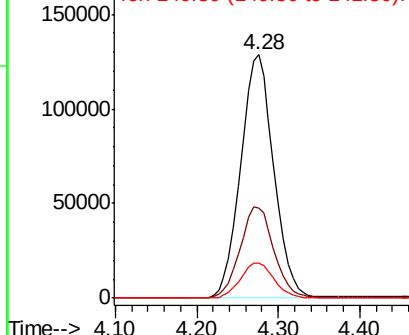
142 100

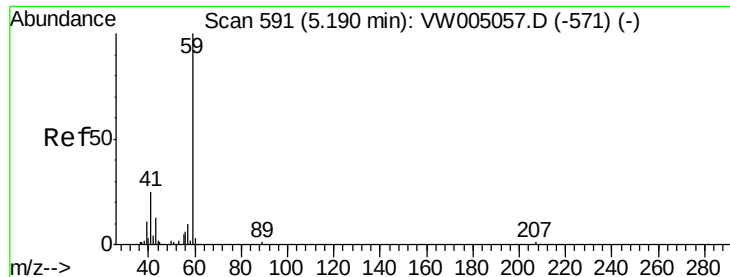
127 38.3 30.8 46.2

141 14.7 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



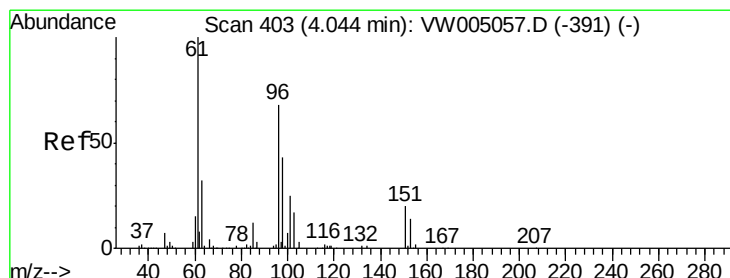
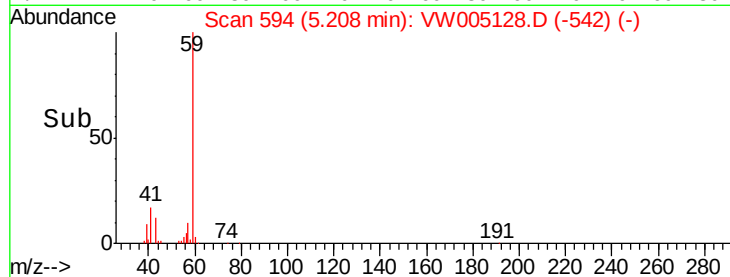
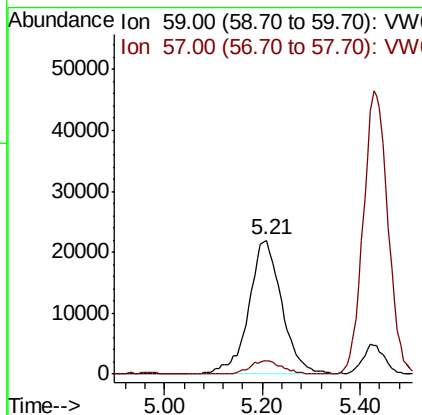
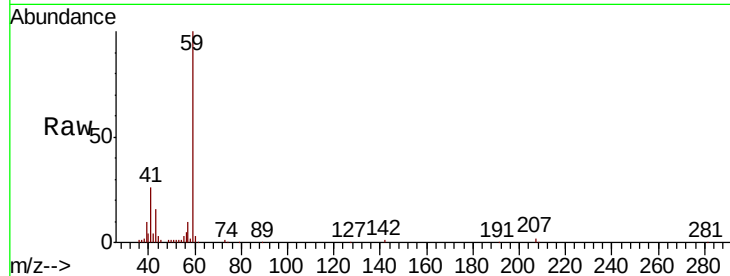


#11

Tert butyl alcohol
 Concen: 348.03 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. 0.02 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

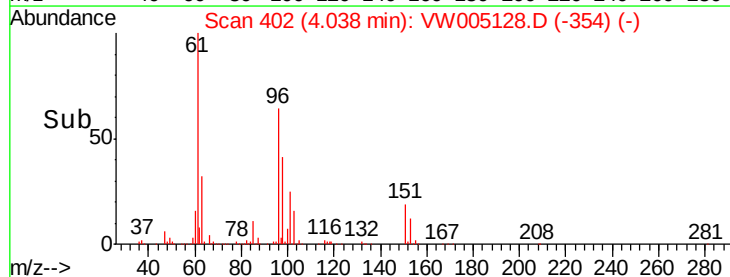
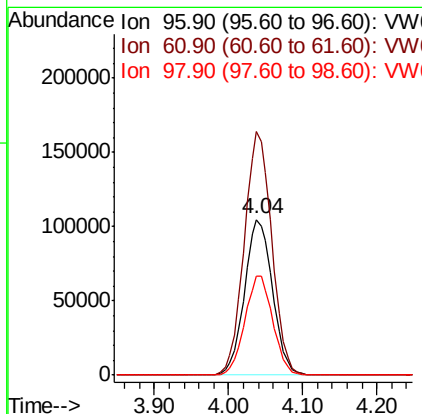
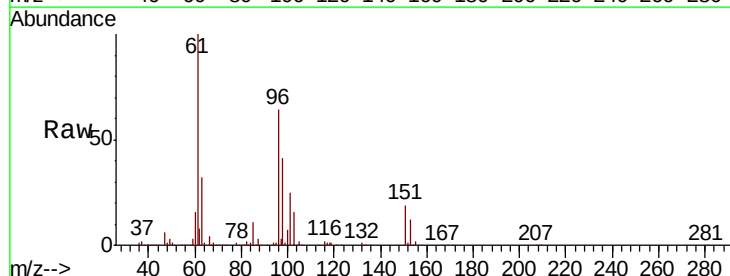
Tot Ion: 59 Resp: 102990
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.6 12.8

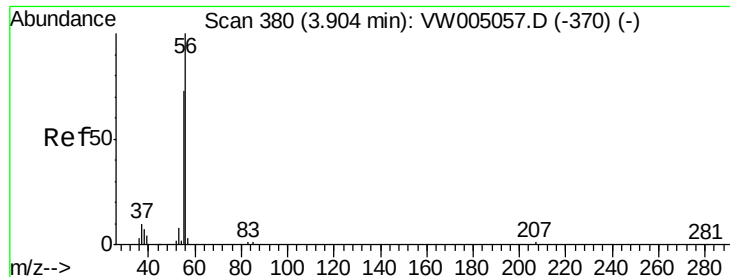


#12

1,1-Dichloroethene
 Concen: 53.63 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion: 96 Resp: 275768
 Ion Ratio Lower Upper
 96 100
 61 156.7 117.4 176.0
 98 64.0 51.0 76.4





#13

Acrolein

Concen: 266.06 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

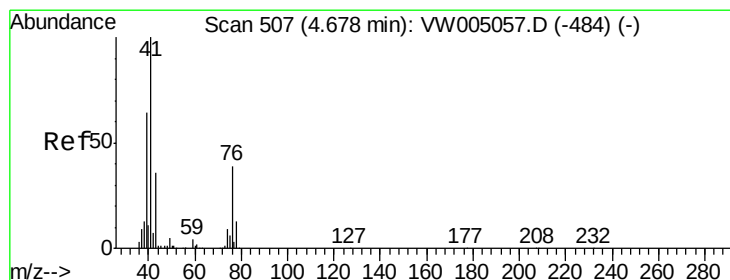
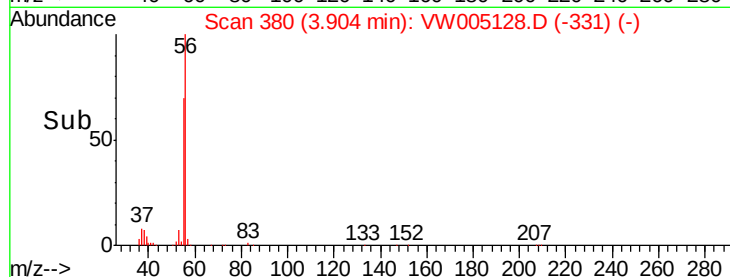
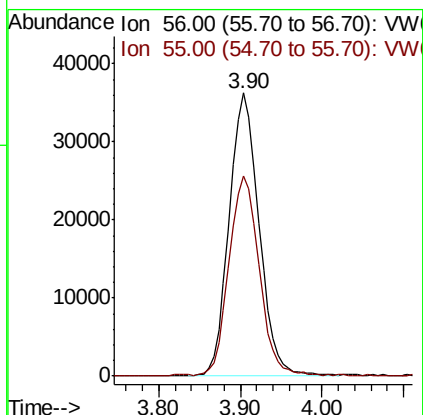
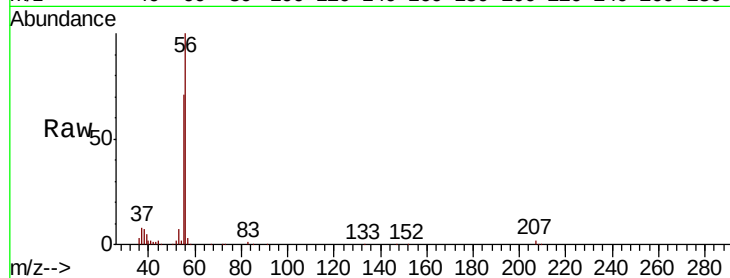
VSTDCCC050

Tot Ion: 56 Resp: 91036

Ion Ratio Lower Upper

56 100

55 71.1 58.1 87.1



#14

Allyl chloride

Concen: 57.97 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

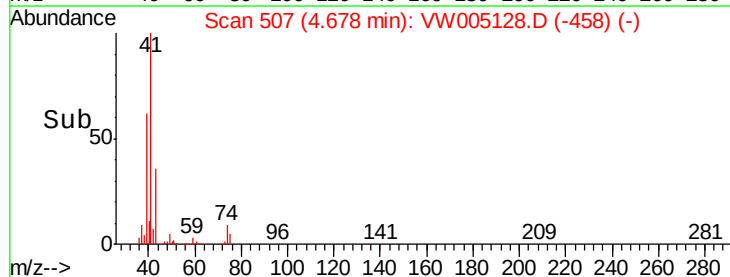
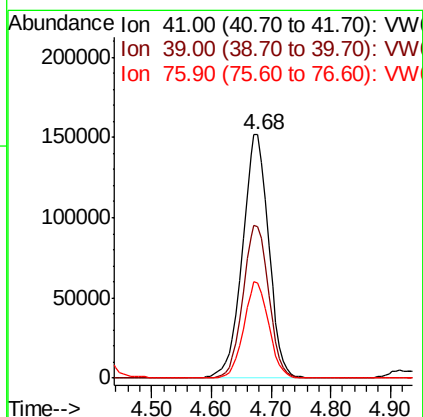
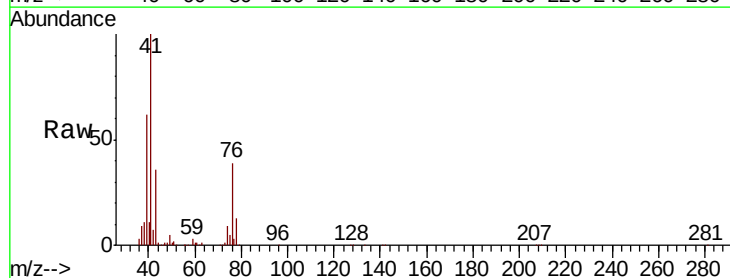
Tgt Ion: 41 Resp: 465958

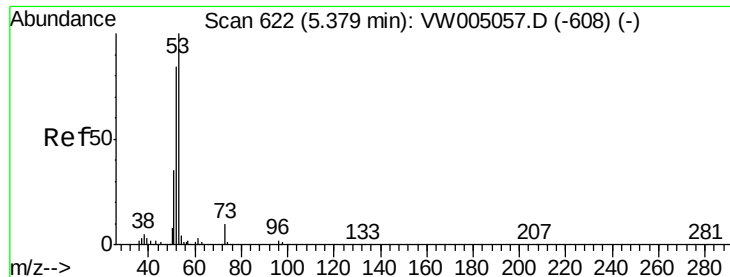
Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.2

76 37.4 31.8 47.6

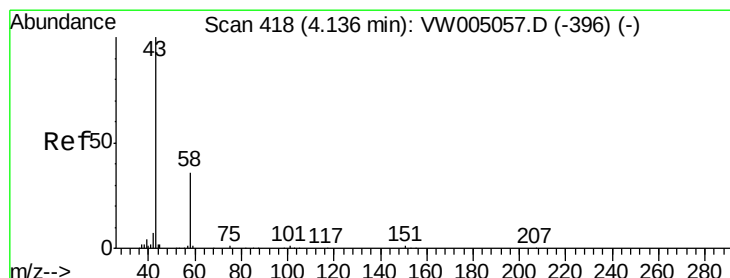
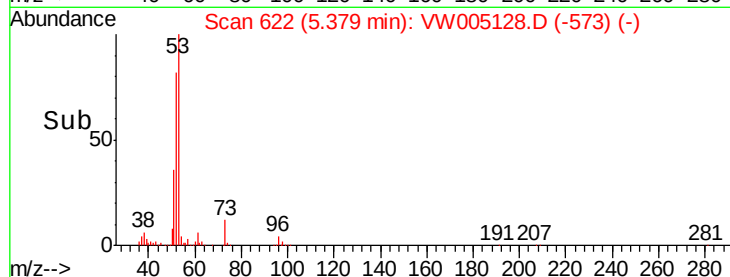
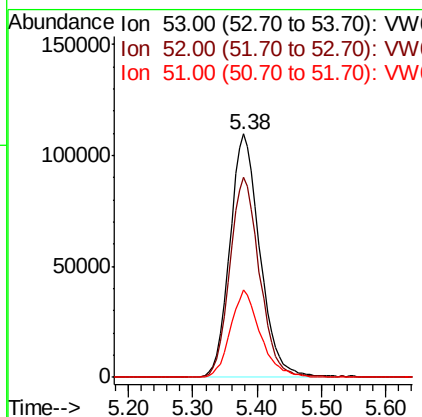
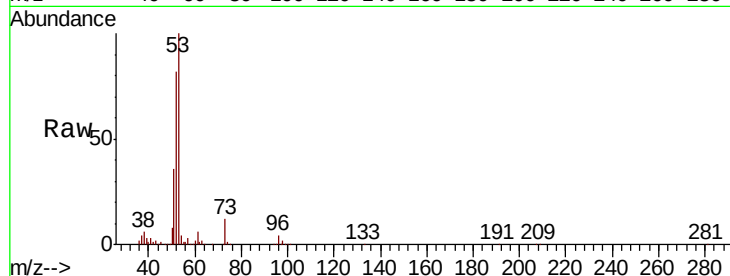




#15
 Acrylonitrile
 Concen: 286.99 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

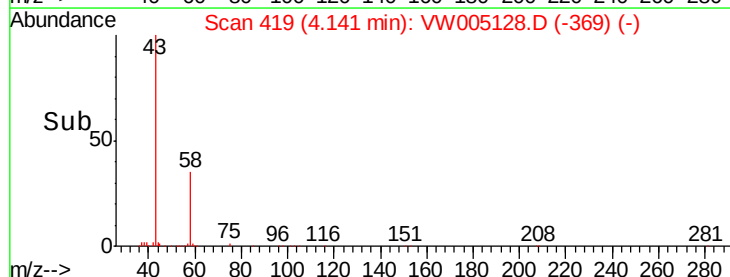
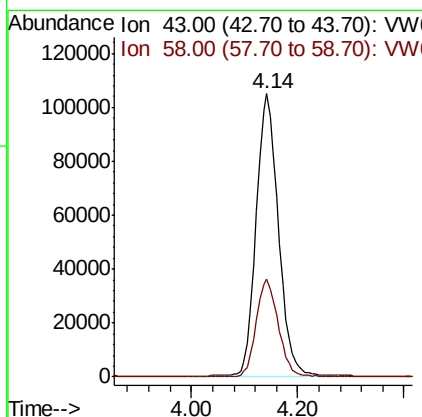
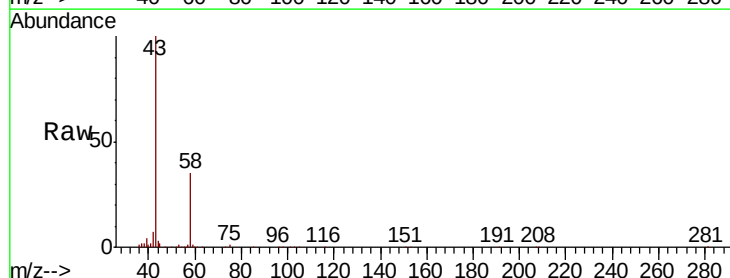
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

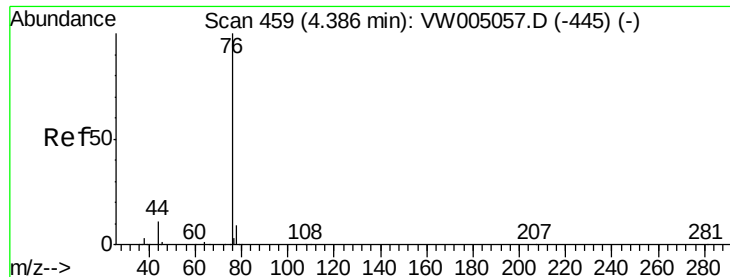
Tot Ion	53	Resp	356287
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.7	98.5
51	35.8	28.8	43.2



#16
 Acetone
 Concen: 289.69 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	43	Resp	306266
Ion	Ratio	Lower	Upper
43	100		
58	34.5	29.0	43.6





#17

Carbon Disulfide

Concen: 54.32 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

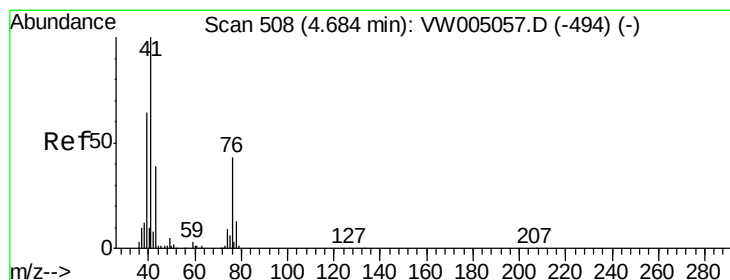
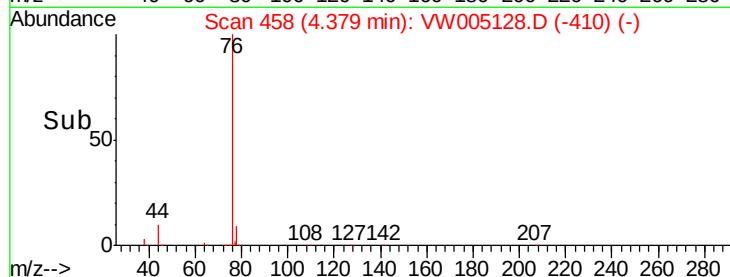
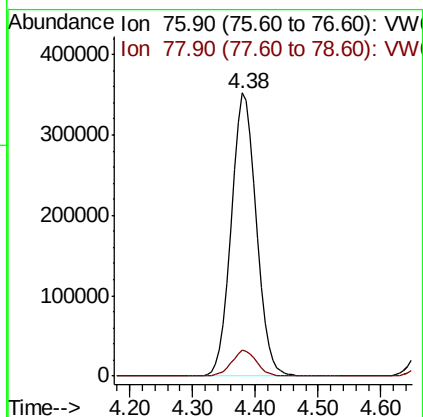
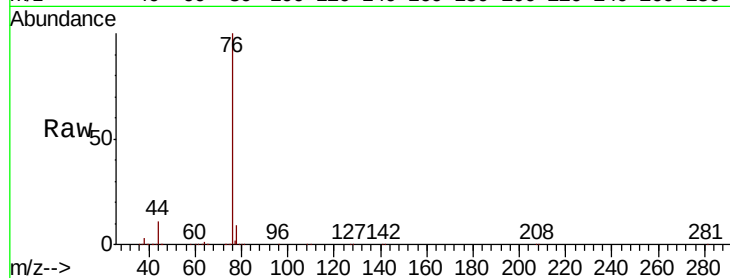
VSTDCCC050

Tot Ion: 76 Resp: 973379

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 52.74 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW005128.D

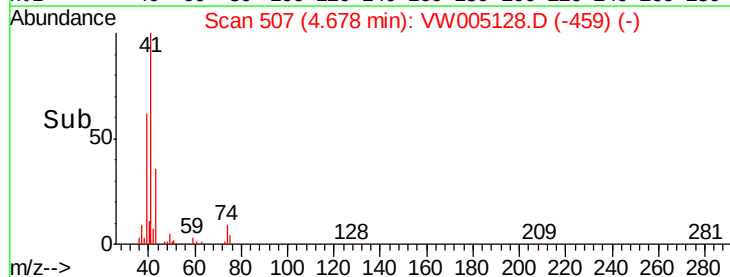
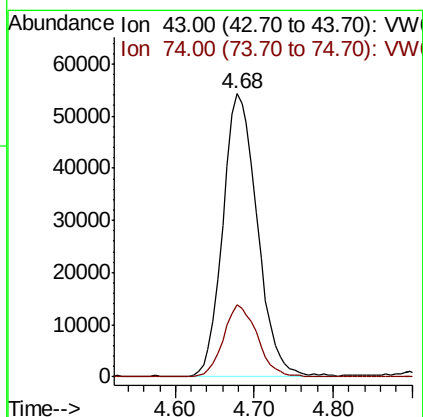
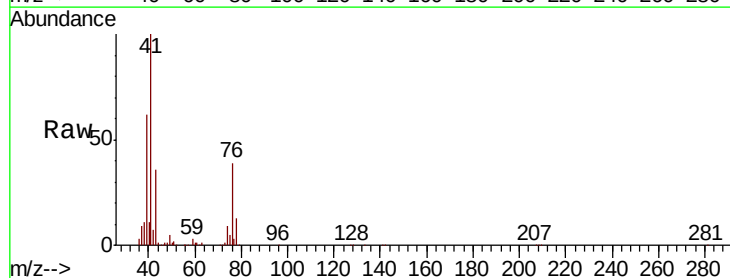
Acq: 05 Sep 2018 14:32

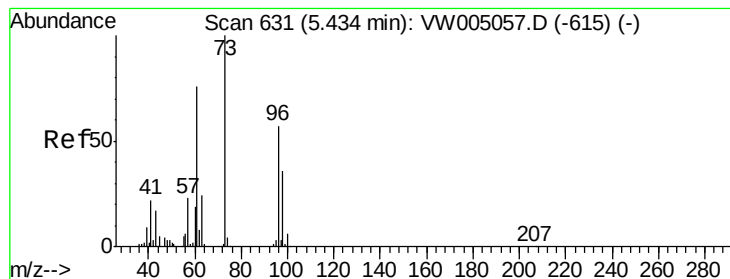
Tgt Ion: 43 Resp: 164017

Ion Ratio Lower Upper

43 100

74 25.2 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 56.77 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

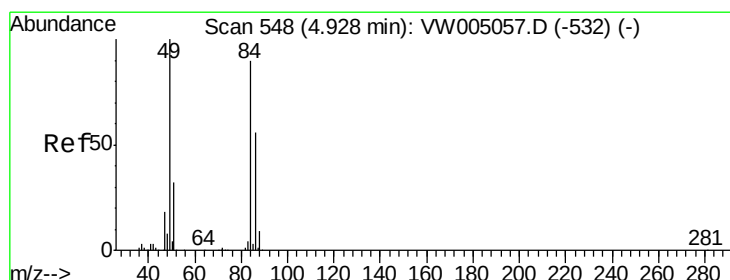
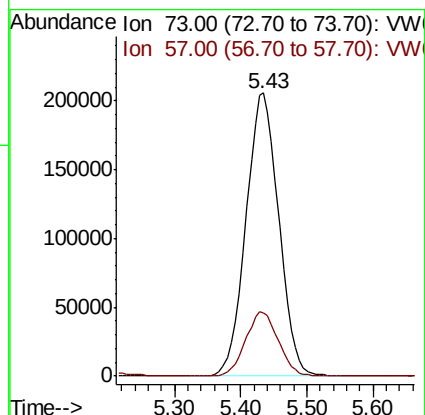
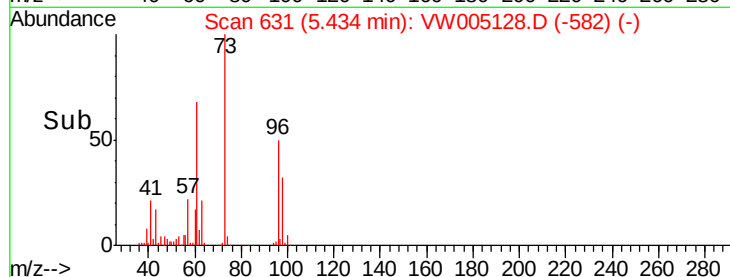
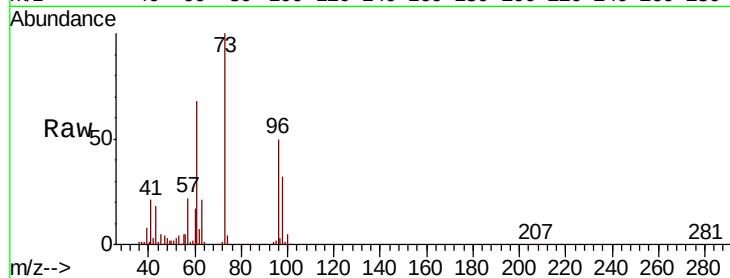
VSTDCCC050

Tot Ion: 73 Resp: 708842

Ion Ratio Lower Upper

73 100

57 22.2 18.1 27.1



#20

Methylene Chloride

Concen: 53.80 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion: 84 Resp: 382133

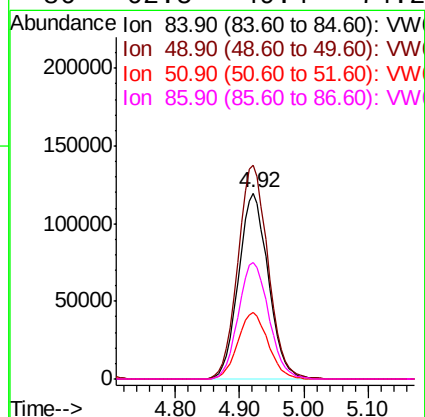
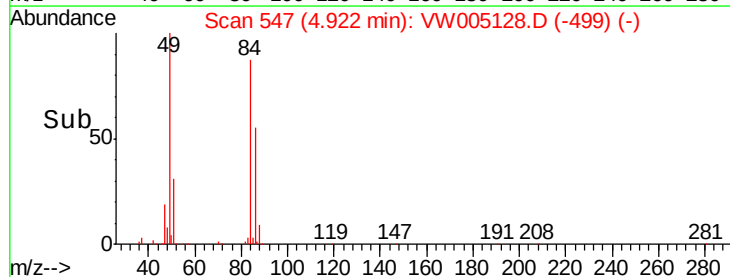
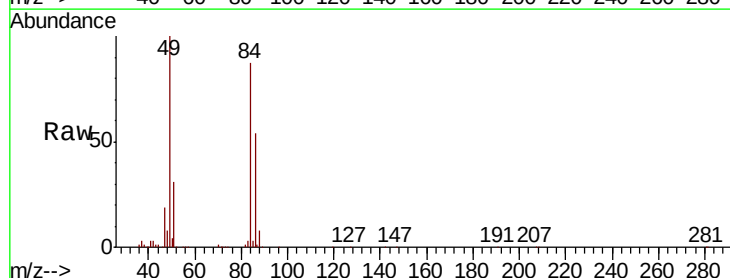
Ion Ratio Lower Upper

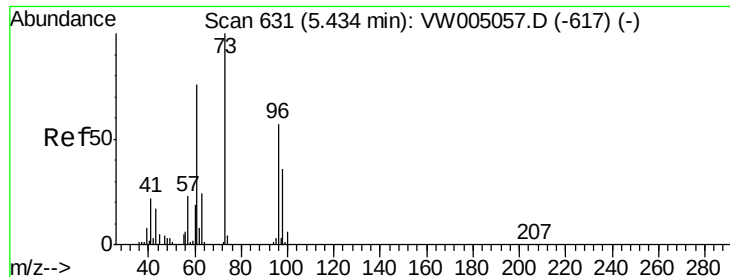
84 100

49 115.1 88.7 133.1

51 35.5 28.6 42.8

86 62.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.79 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

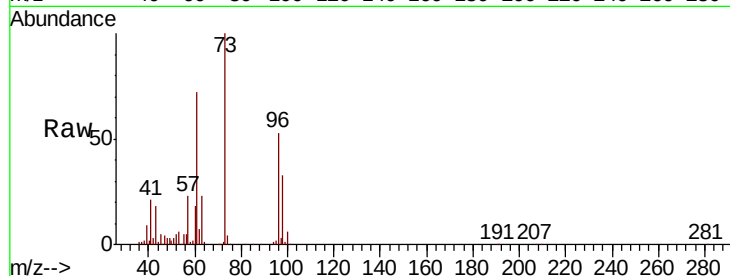
Tot Ion: 96 Resp: 318202

Ion Ratio Lower Upper

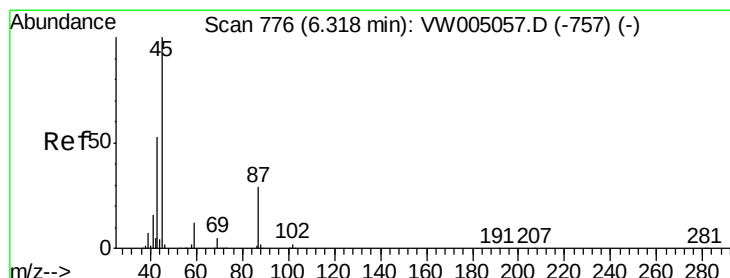
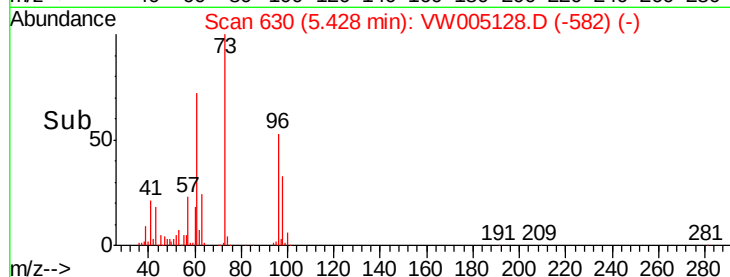
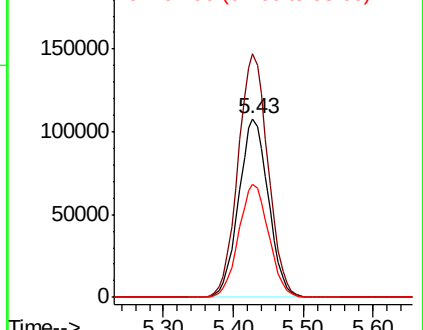
96 100

61 136.1 106.3 159.5

98 63.2 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VW
200000
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 57.83 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion: 45 Resp: 978230

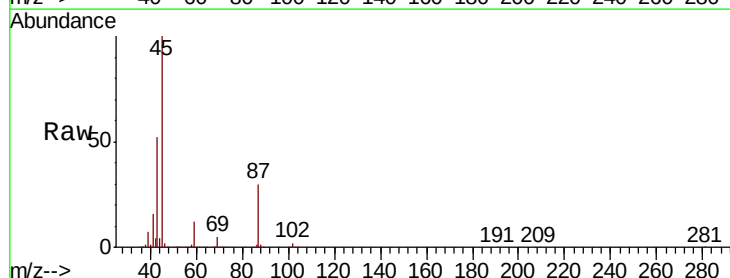
Ion Ratio Lower Upper

45 100

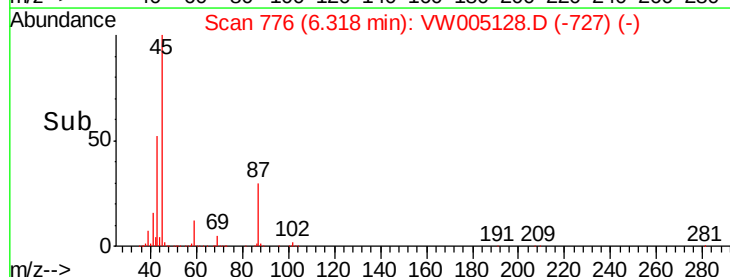
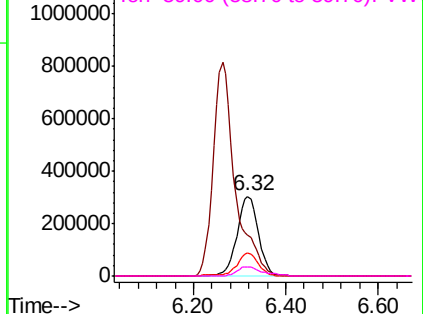
43 52.1 42.6 63.8

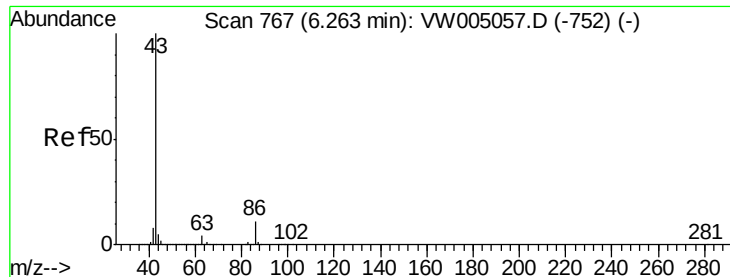
87 29.6 23.6 35.4

59 11.8 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VW
1200000
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

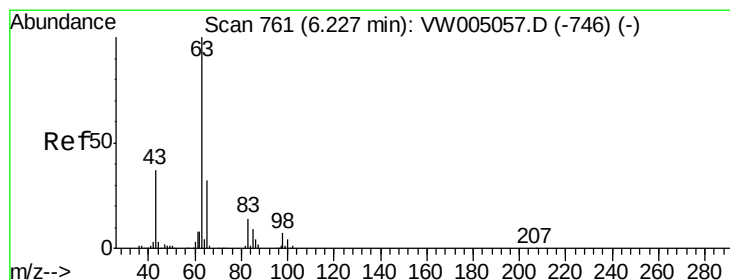
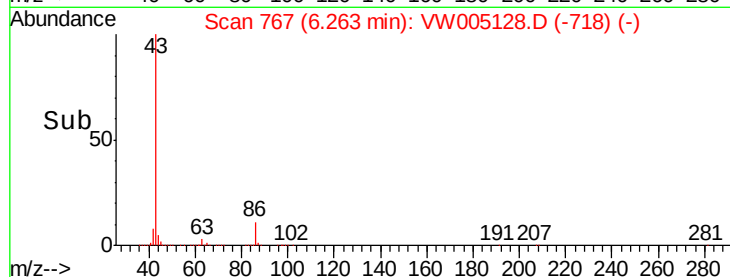
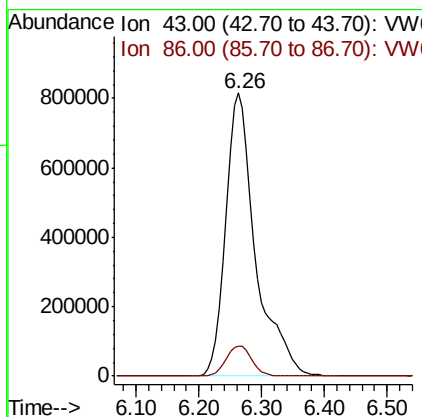
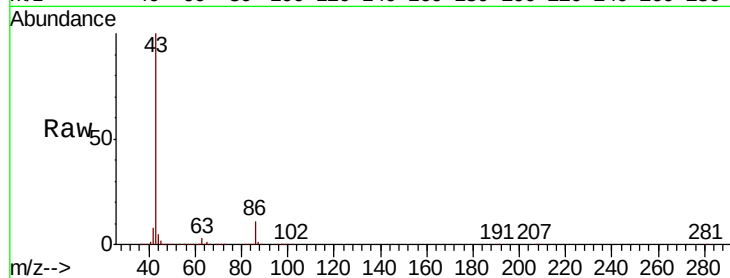




#23
 Vinyl Acetate
 Concen: 303.30 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

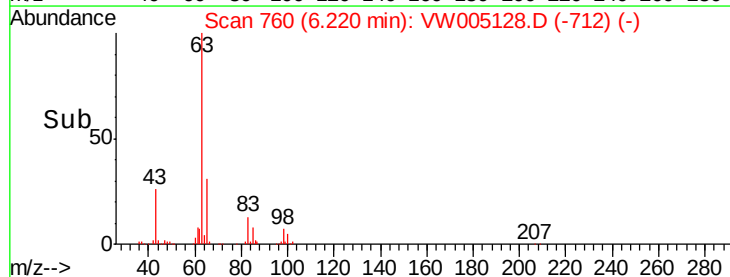
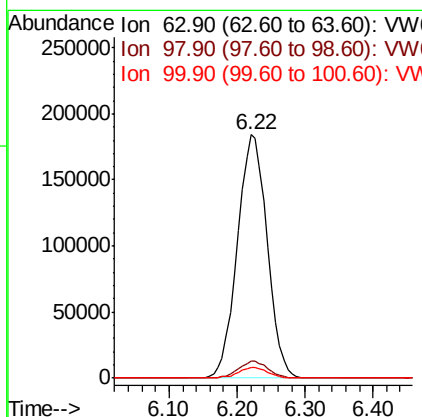
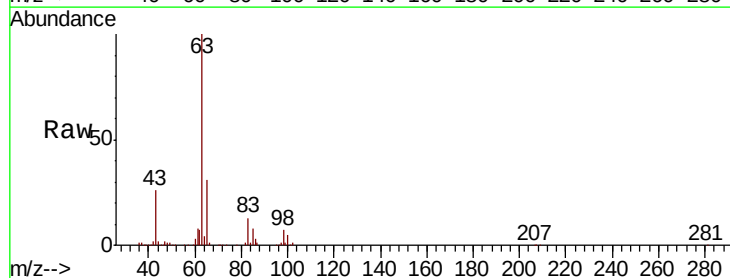
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

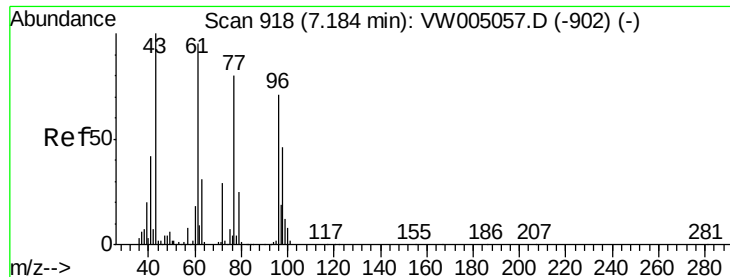
Tot Ion: 43 Resp: 2694712
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 52.90 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion: 63 Resp: 559327
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 286.15 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

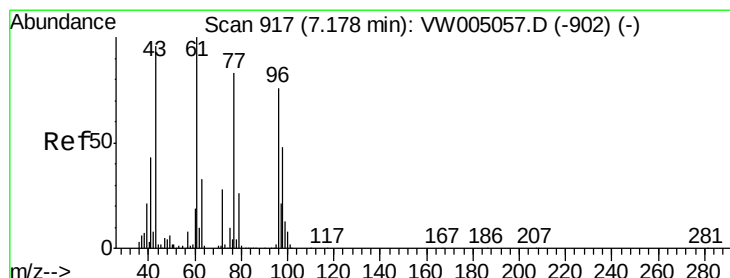
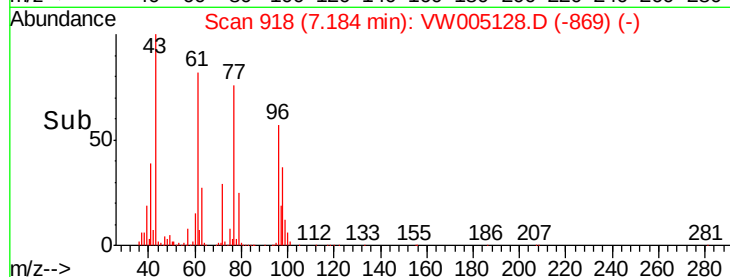
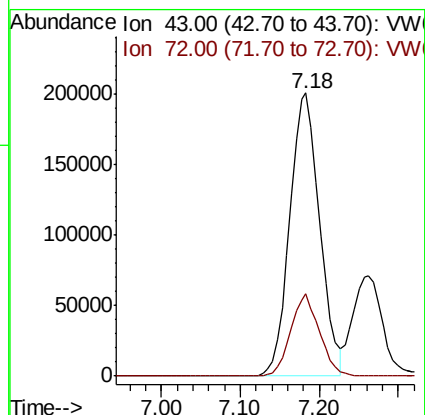
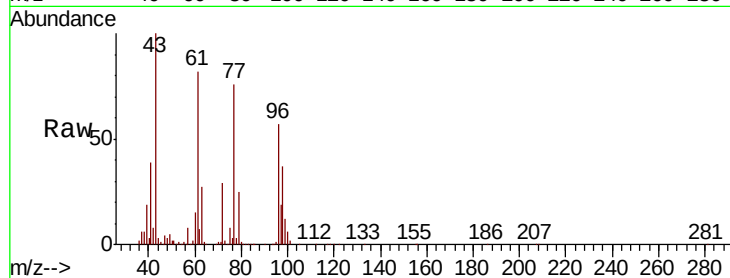
VSTDCCC050

Tot Ion: 43 Resp: 524712

Ion Ratio Lower Upper

43 100

72 29.0 23.1 34.7



#26

2,2-Dichloropropane

Concen: 58.45 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005128.D

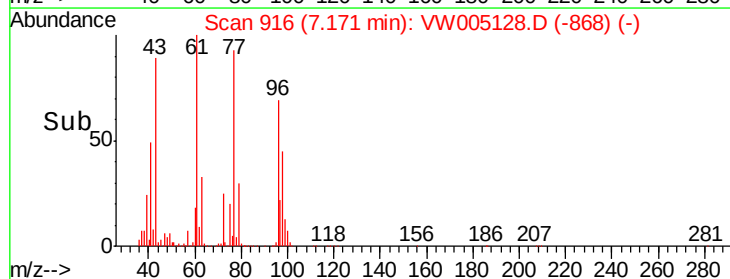
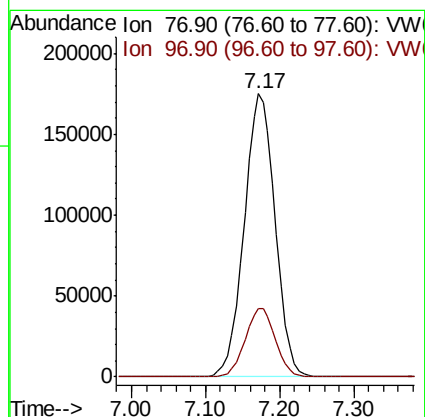
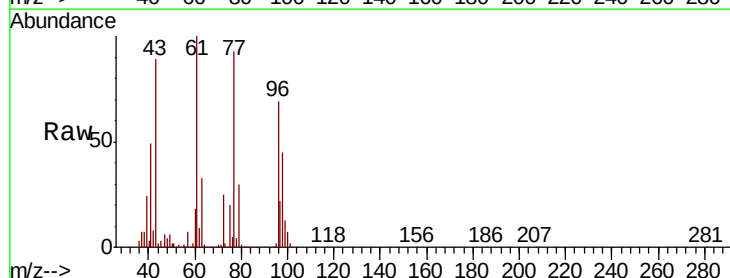
Acq: 05 Sep 2018 14:32

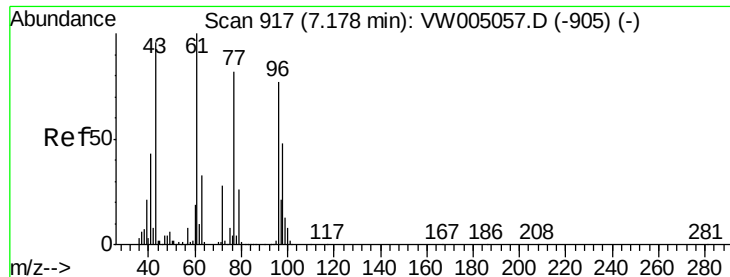
Tgt Ion: 77 Resp: 507862

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.01 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

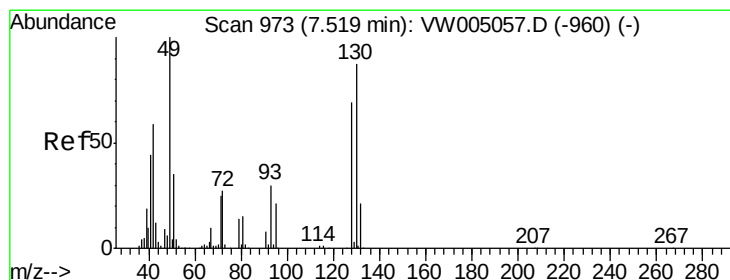
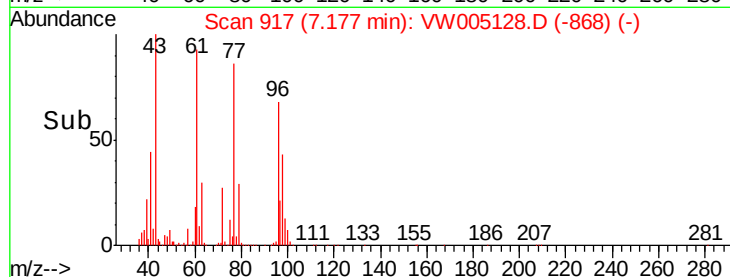
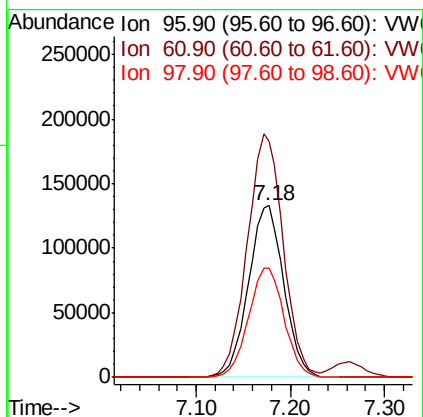
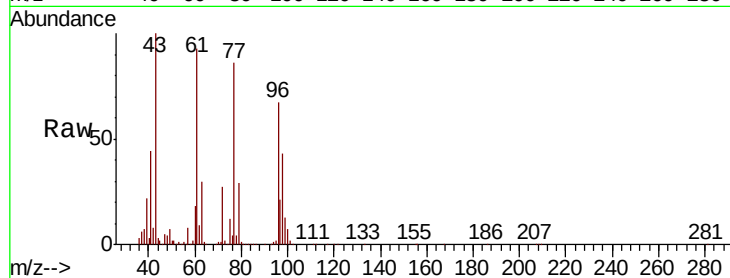
Tot Ion: 96 Resp: 349618

Ion Ratio Lower Upper

96 100

61 144.6 0.0 273.2

98 64.2 0.0 127.8



#28

Bromochloromethane

Concen: 51.10 ug/l

RT: 7.52 min Scan# 973

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

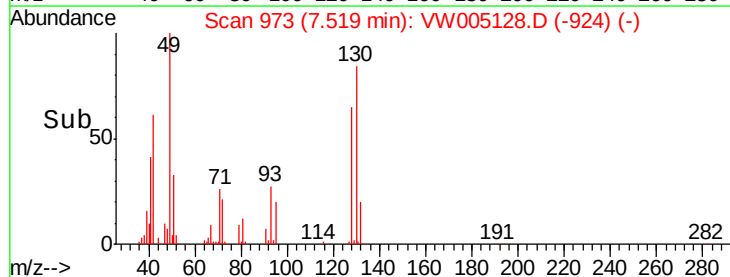
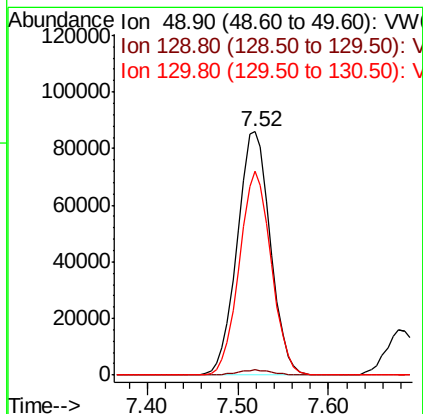
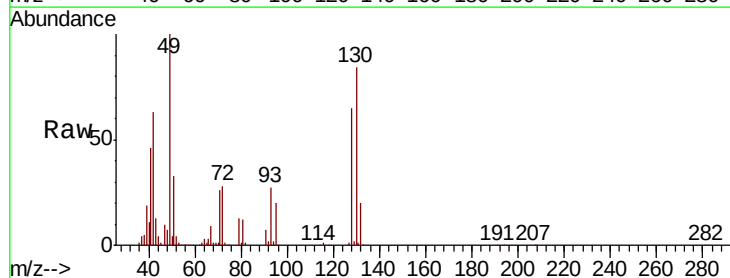
Tgt Ion: 49 Resp: 217468

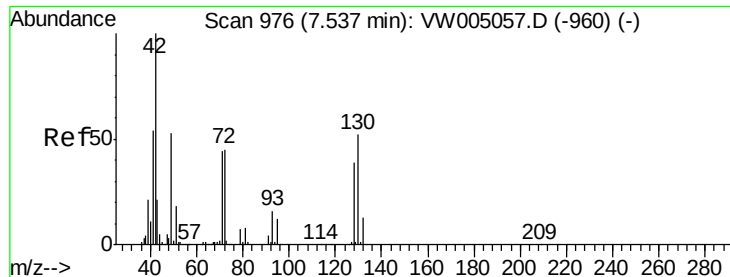
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 80.6 69.6 104.4

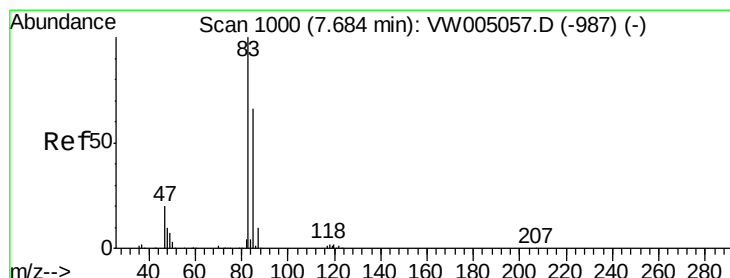
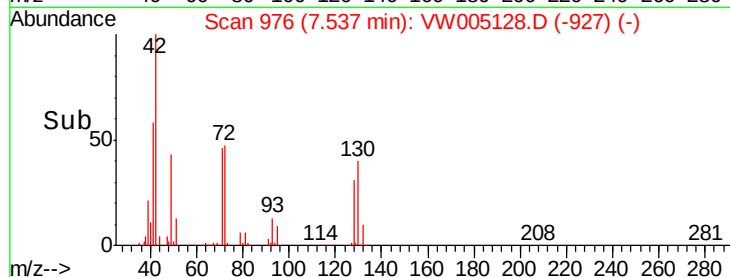
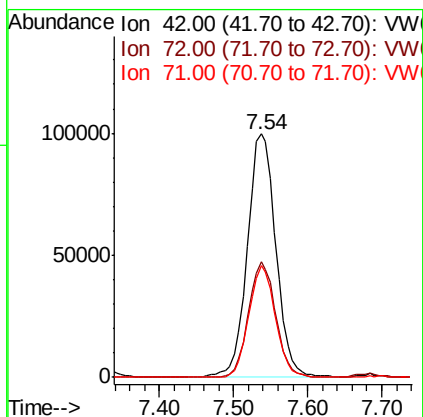
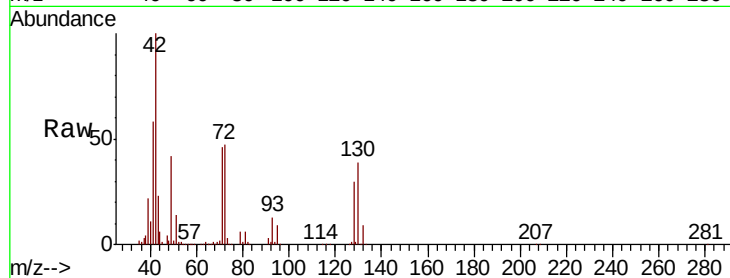




#29
Tetrahydrofuran
Concen: 285.22 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

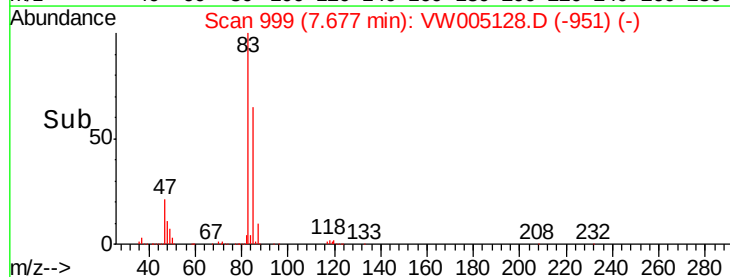
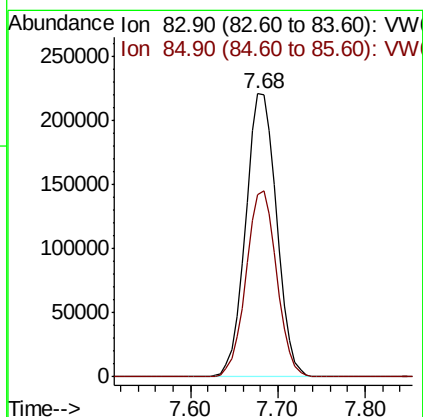
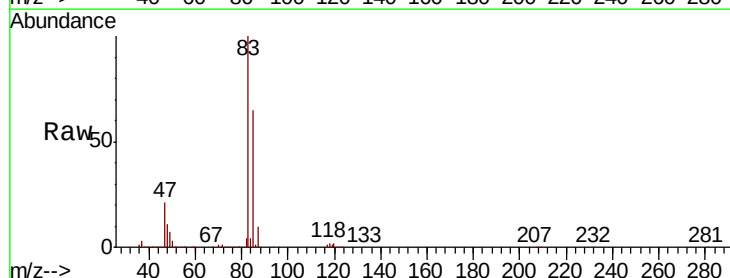
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

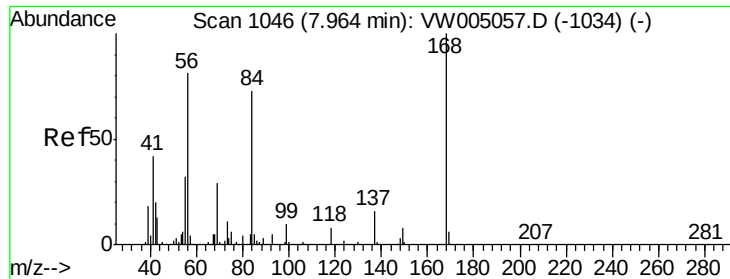
Tot Ion: 42 Resp: 267240
Ion Ratio Lower Upper
42 100
72 45.5 37.0 55.4
71 43.1 35.0 52.6



#30
Chloroform
Concen: 50.37 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion: 83 Resp: 543554
Ion Ratio Lower Upper
83 100
85 64.6 53.1 79.7

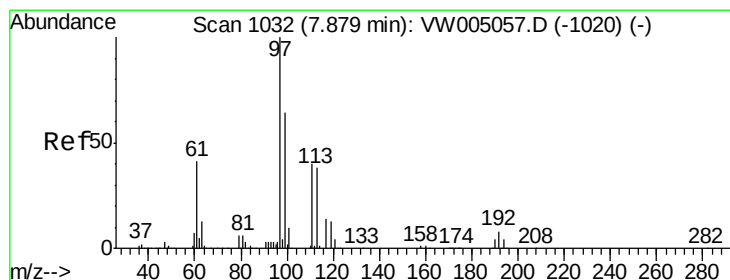
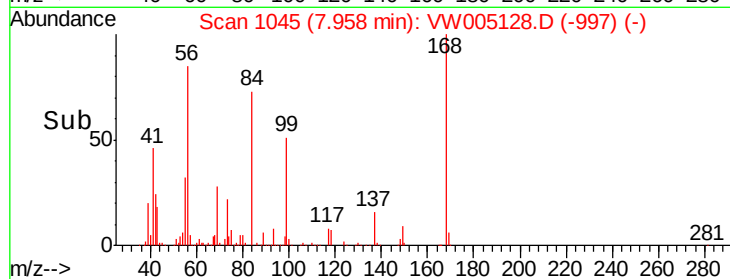
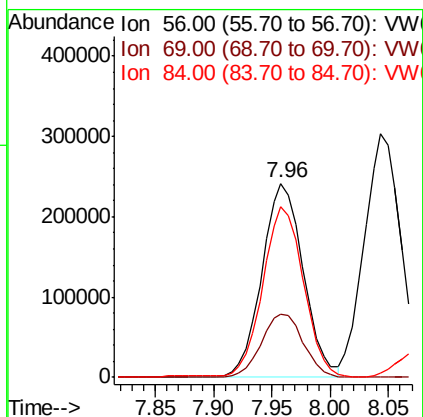
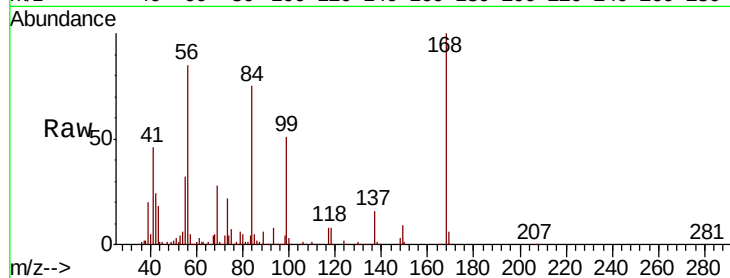




#31
Cyclohexane
Concen: 57.29 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

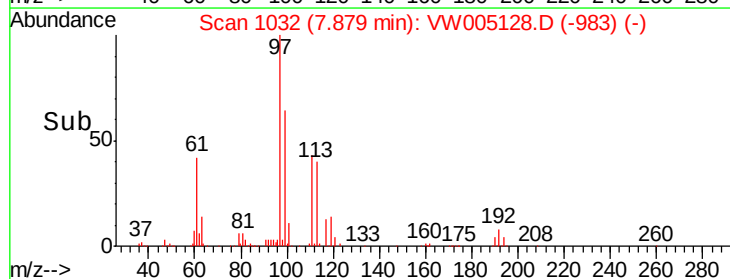
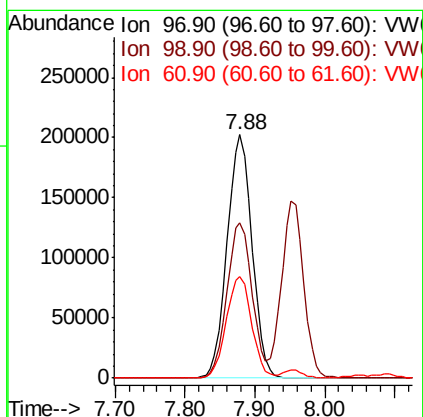
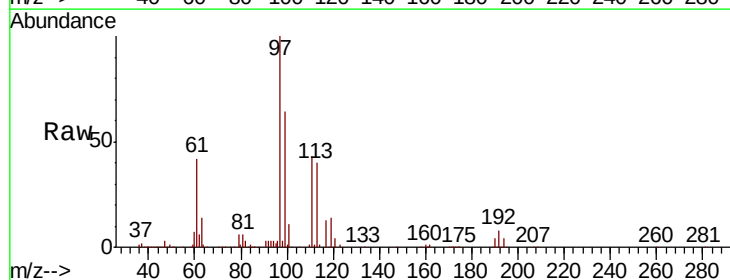
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

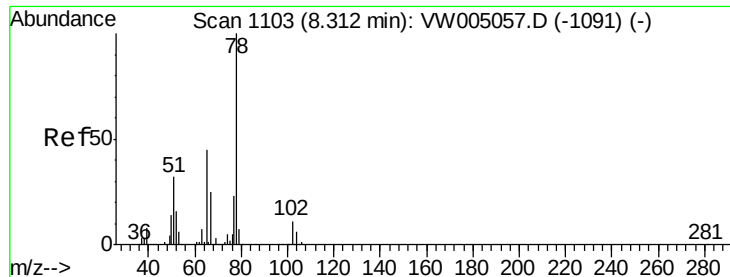
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	28.2	42.2
84	86.9	71.8	107.8



#32
1,1,1-Trichloroethane
Concen: 53.24 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	42.4	33.2	49.8

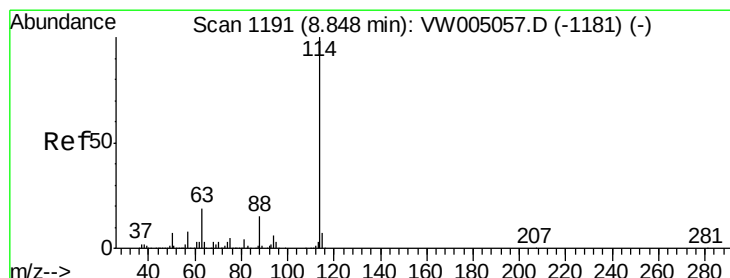
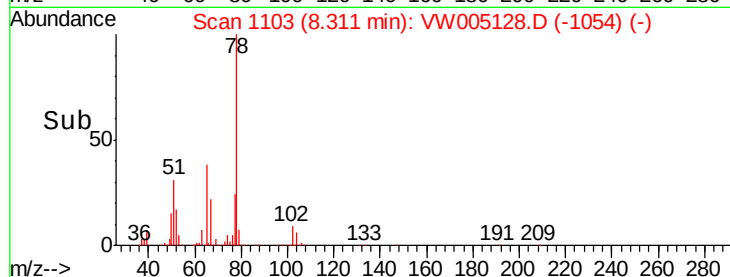
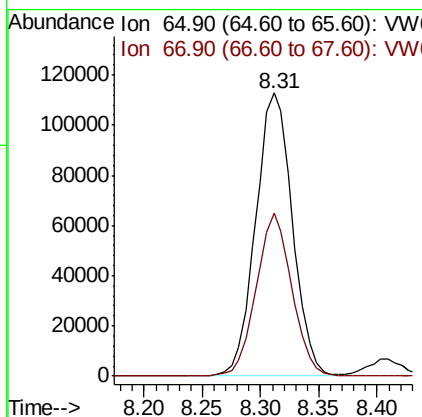
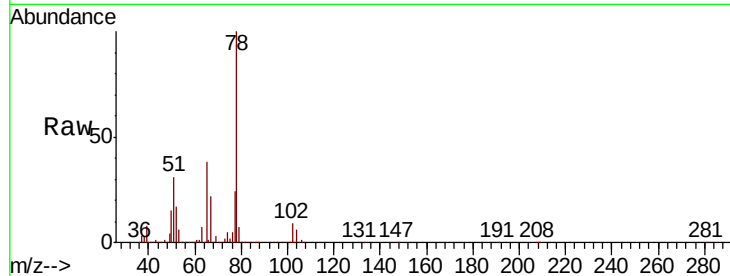




#33
 1,2-Dichloroethane-d4
 Concen: 47.01 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

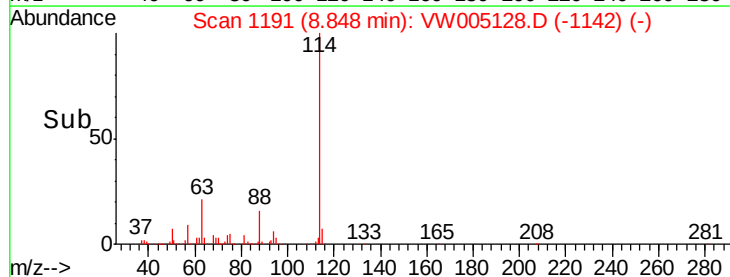
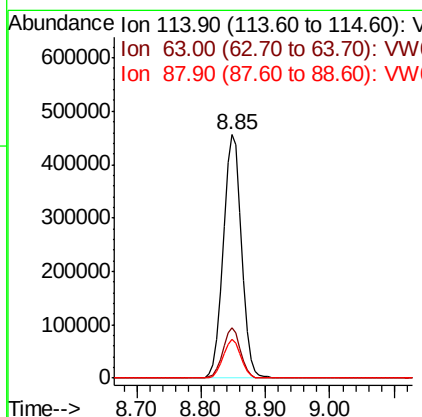
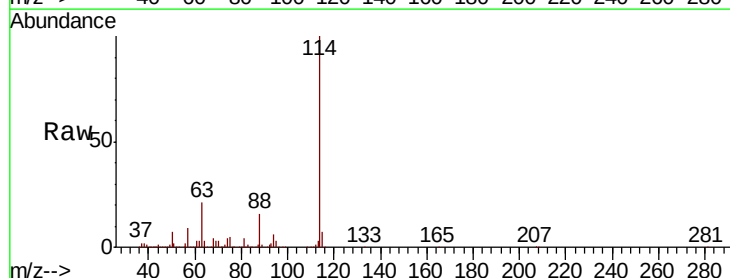
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

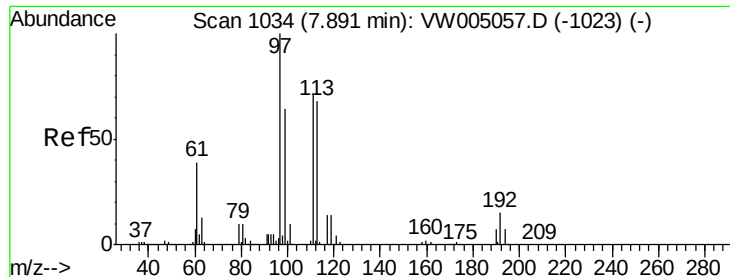
Tot Ion: 65 Resp: 247825
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion: 114 Resp: 913166
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 15.8 0.0 30.2

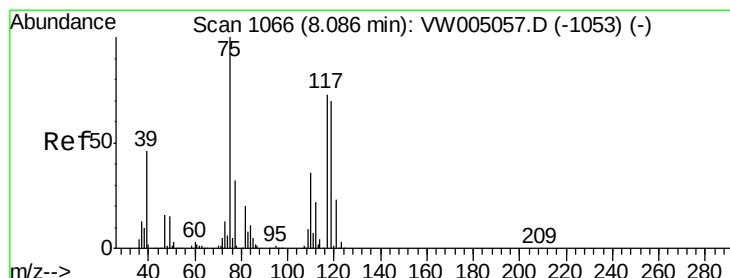
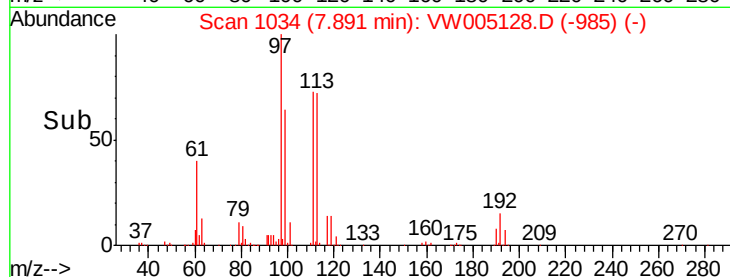
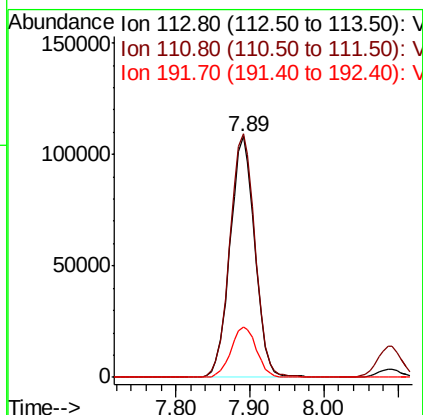
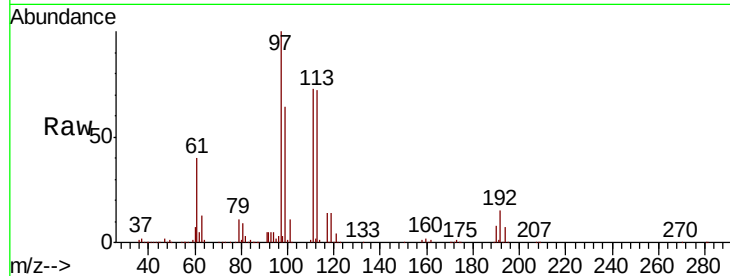




#35
 Dibromofluoromethane
 Concen: 47.49 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

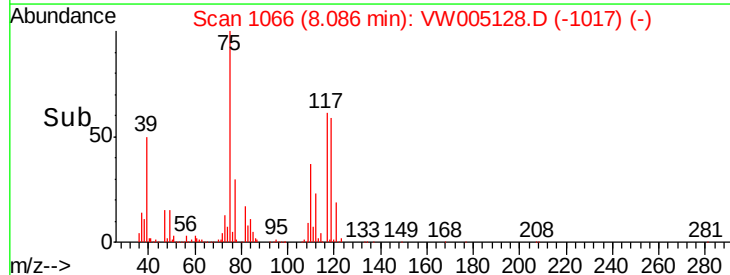
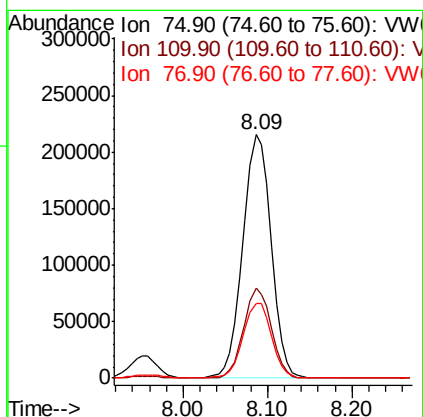
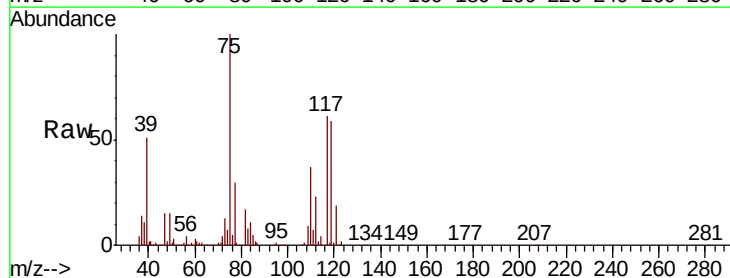
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

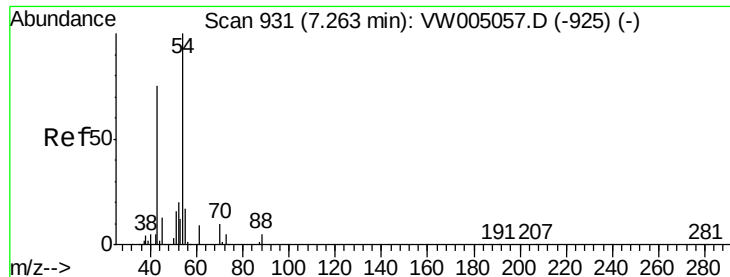
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	21.5	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 56.03 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.9	56.7
77	31.3	25.5	38.3

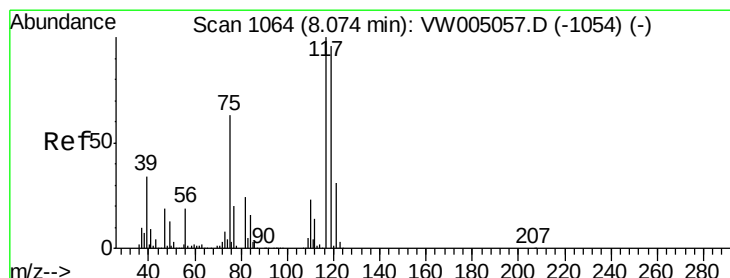
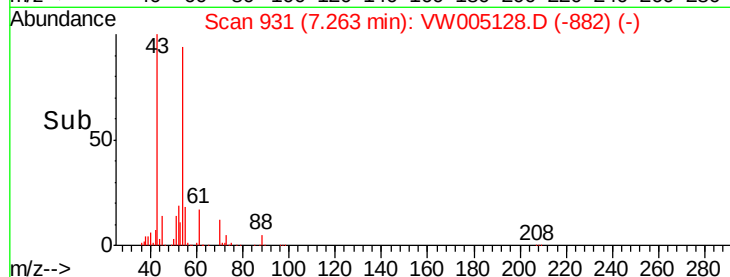
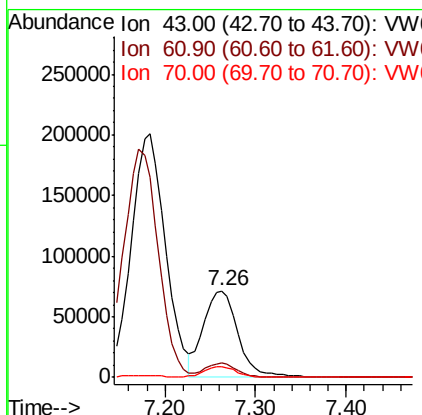
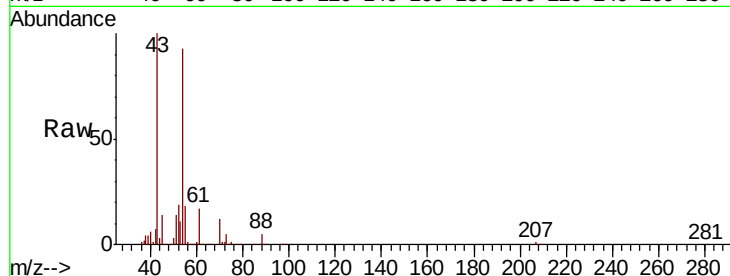




#37
Ethyl Acetate
Concen: 57.91 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

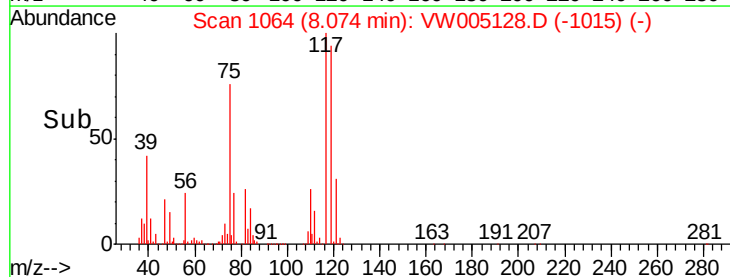
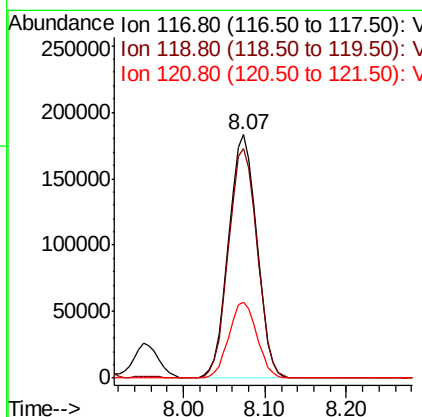
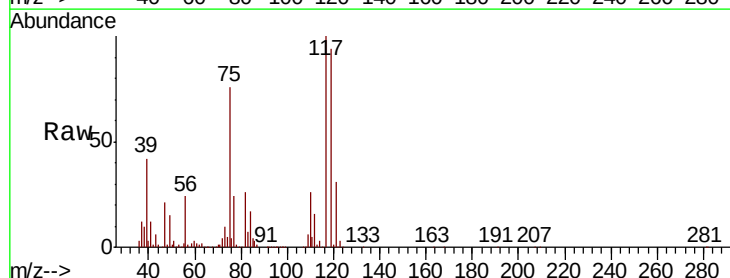
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

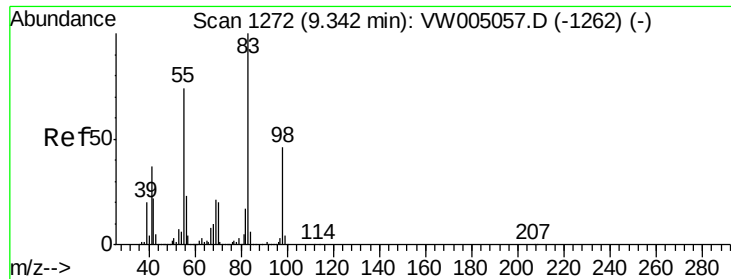
Tot Ion: 43 Resp: 188353
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 11.4 9.4 14.2



#38
Carbon Tetrachloride
Concen: 52.89 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion: 117 Resp: 437360
Ion Ratio Lower Upper
117 100
119 94.1 76.6 115.0
121 31.2 24.8 37.2

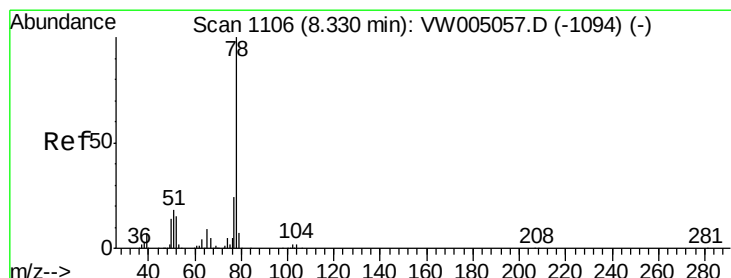
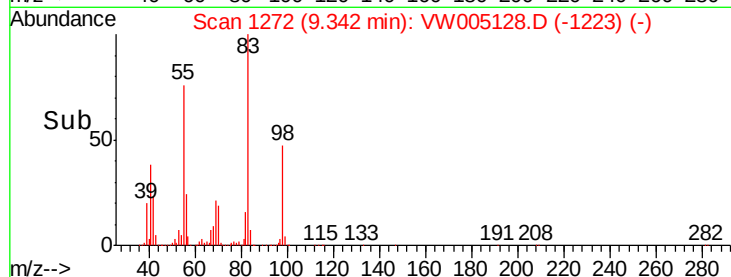
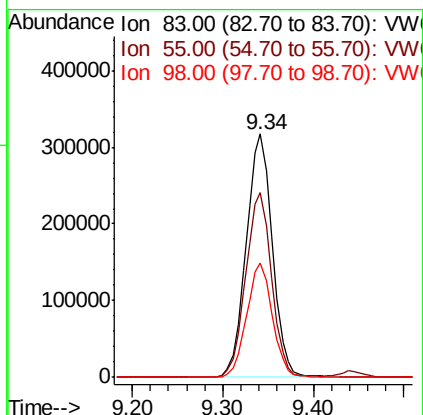
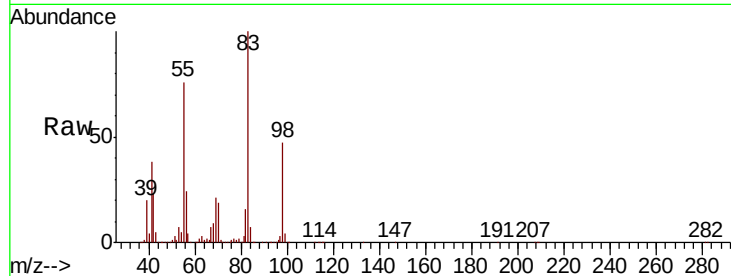




#39
Methylvlcyclohexane
Concen: 60.20 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

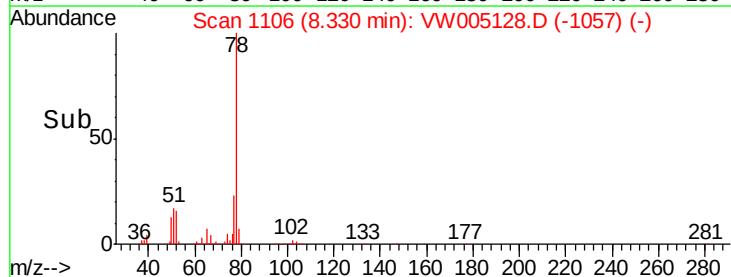
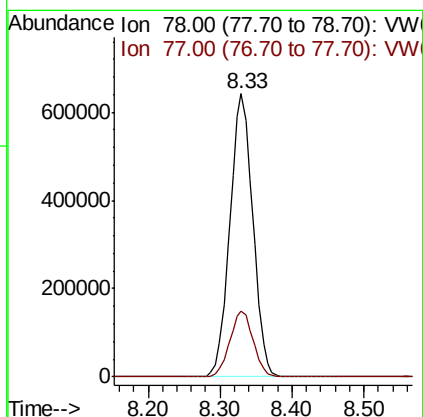
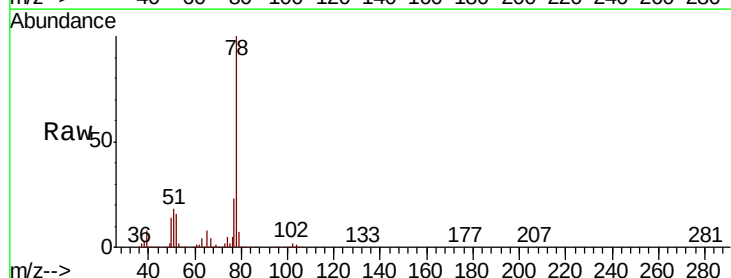
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

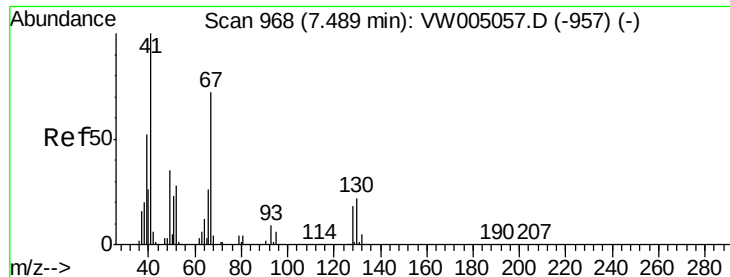
Tot Ion: 83 Resp: 633145
Ion Ratio Lower Upper
83 100
55 75.8 58.9 88.3
98 46.8 36.8 55.2



#40
Benzene
Concen: 53.37 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion: 78 Resp: 1420903
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0

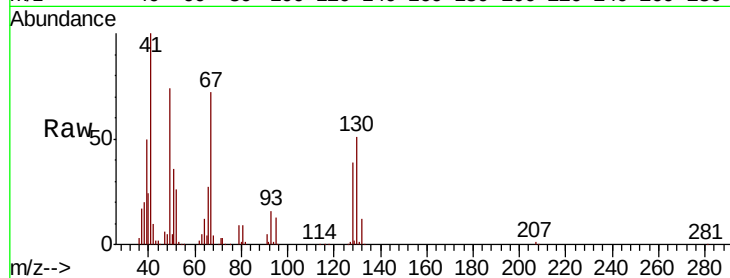




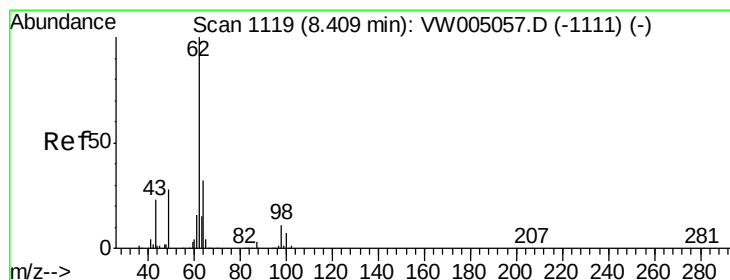
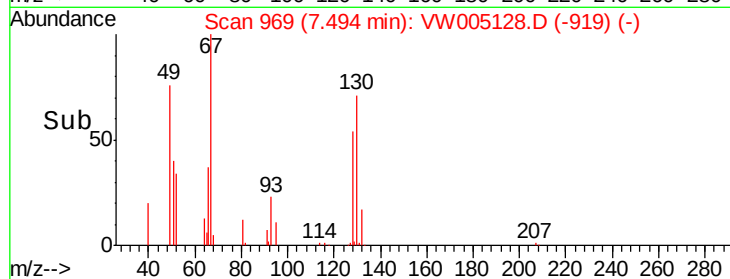
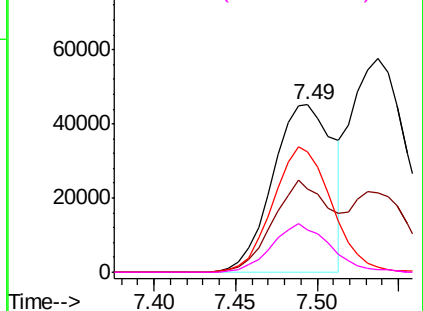
#41
Methacrylonitrile
Concen: 61.95 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	116740
Ion	Ratio	Lower	Upper
41	100		
39	51.0	41.8	62.8
67	72.8	60.4	90.6
52	28.0	23.8	35.8

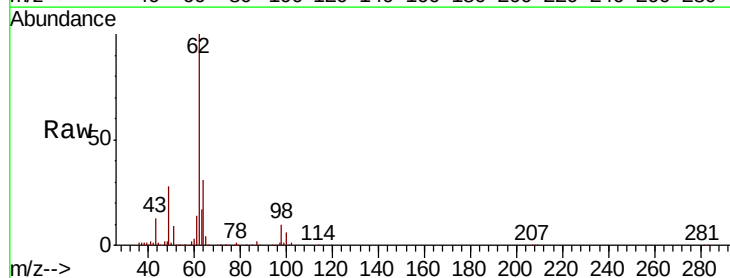


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

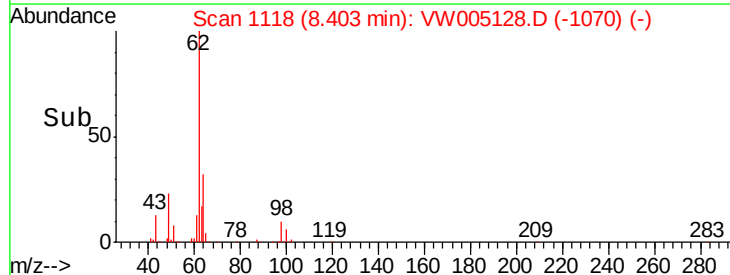
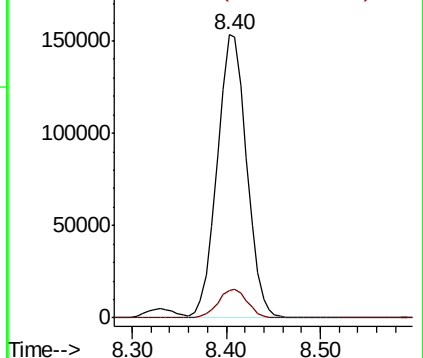


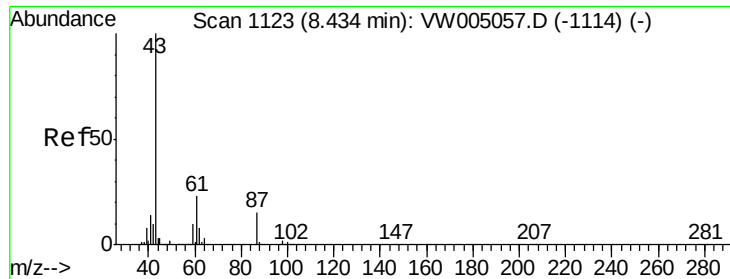
#42
1,2-Dichloroethane
Concen: 51.02 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion:	62	Resp:	332475
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.8



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





#43

Isopropyl Acetate

Concen: 60.17 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

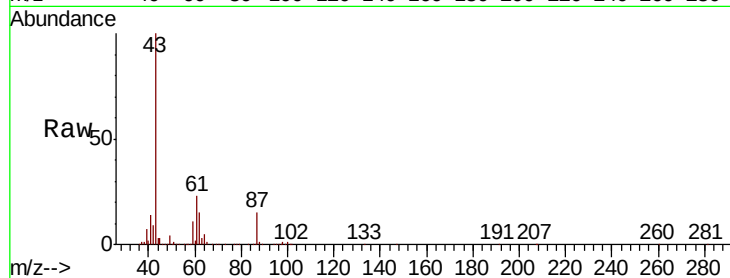
Tot Ion: 43 Resp: 356088

Ion Ratio Lower Upper

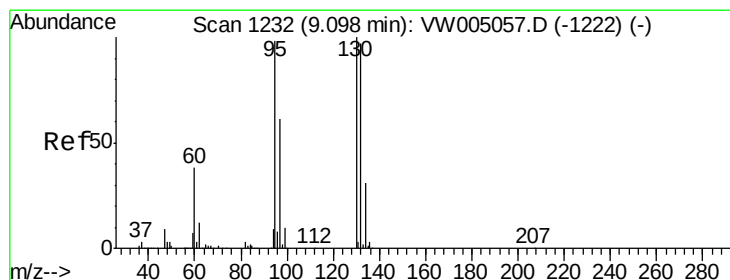
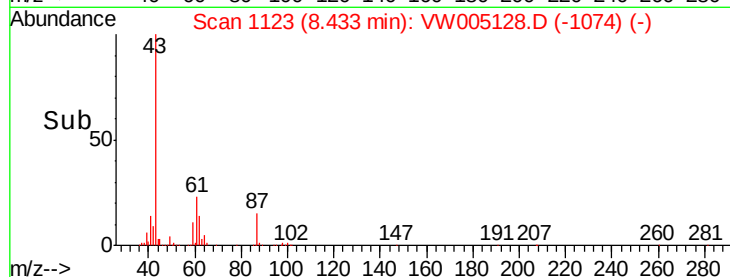
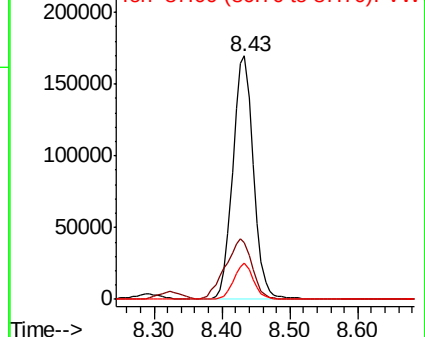
43 100

61 31.9 26.8 40.2

87 14.4 11.6 17.4



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: 51.87 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005128.D

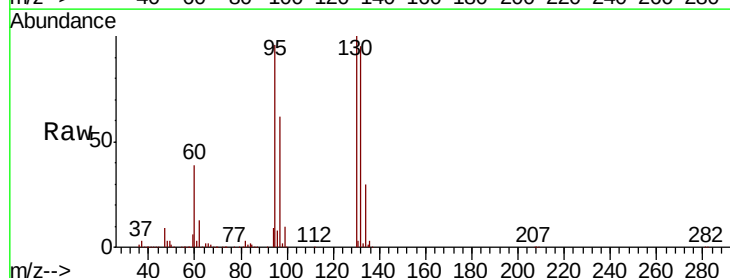
Acq: 05 Sep 2018 14:32

Tgt Ion: 130 Resp: 372630

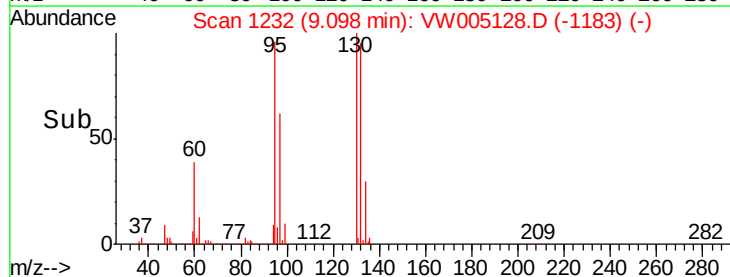
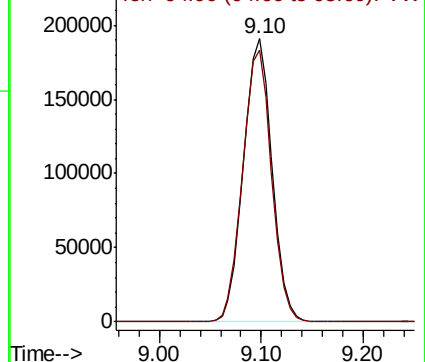
Ion Ratio Lower Upper

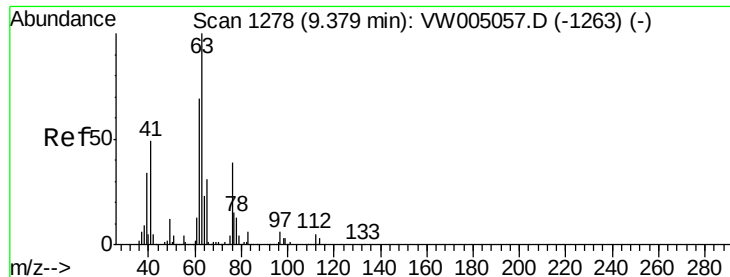
130 100

95 96.2 0.0 195.2



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





#45

1,2-Dichloropropane

Concen: 53.58 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

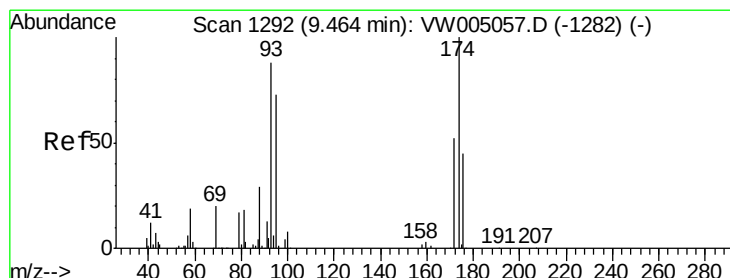
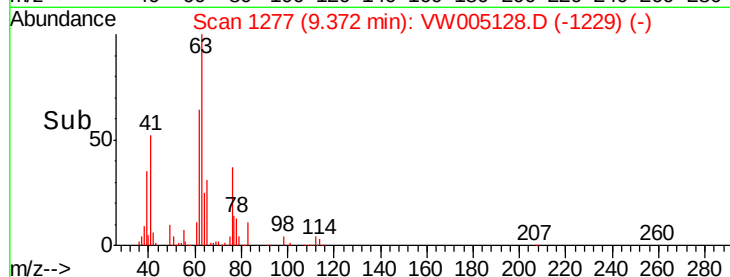
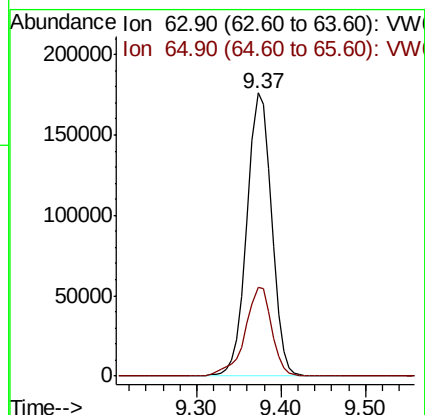
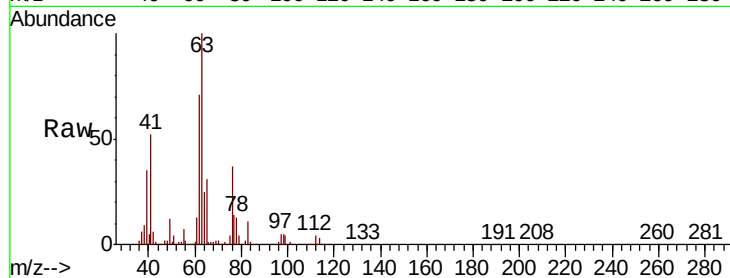
VSTDCCC050

Tot Ion: 63 Resp: 348475

Ion Ratio Lower Upper

63 100

65 31.4 24.6 37.0



#46

Dibromomethane

Concen: 51.53 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

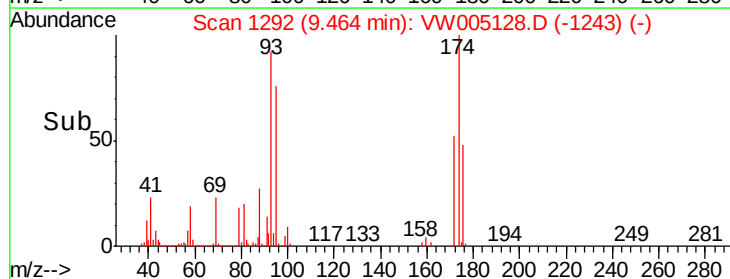
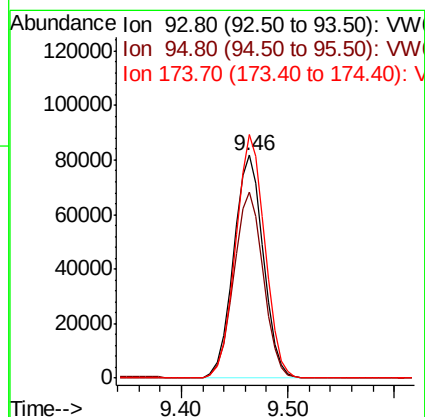
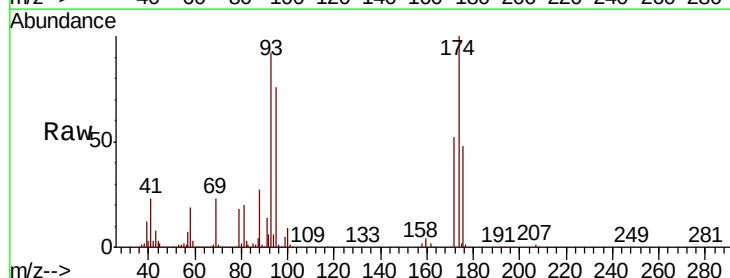
Tgt Ion: 93 Resp: 160264

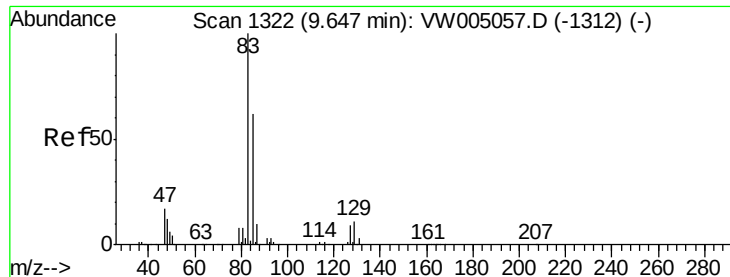
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 107.3 92.0 138.0





#47

Bromodichloromethane

Concen: 52.26 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

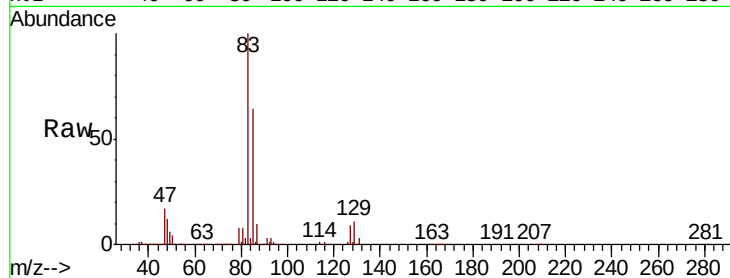
Tot Ion: 83 Resp: 409267

Ion Ratio Lower Upper

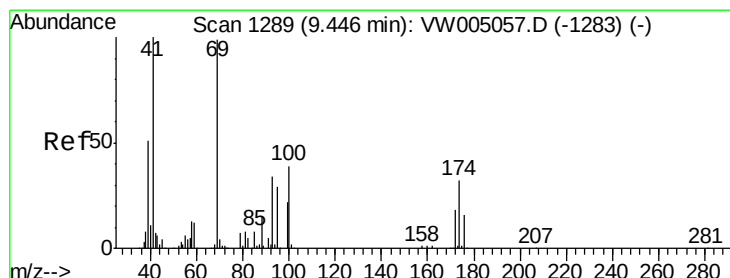
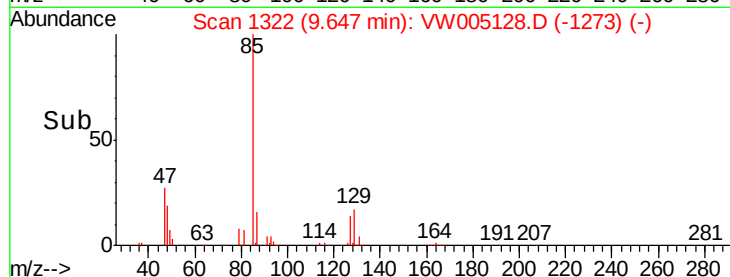
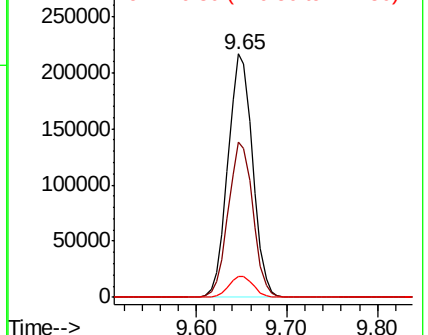
83 100

85 63.7 49.8 74.6

127 8.6 7.0 10.4



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



#48

Methyl methacrylate

Concen: 63.18 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

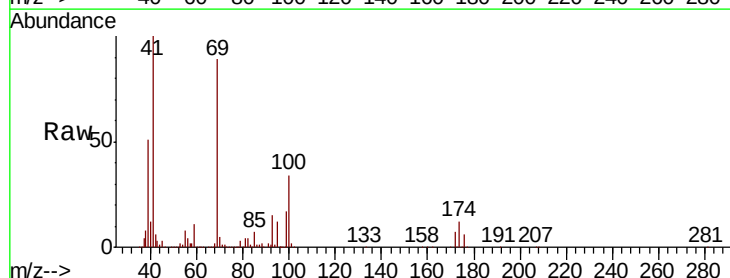
Tgt Ion: 41 Resp: 180039

Ion Ratio Lower Upper

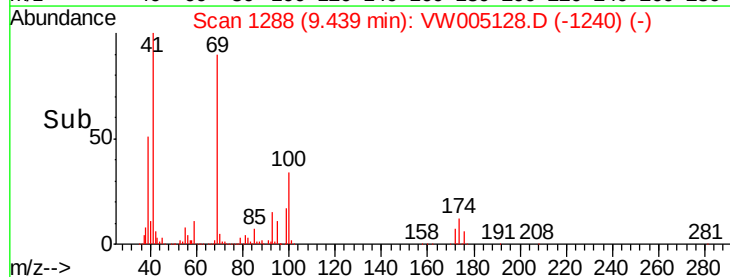
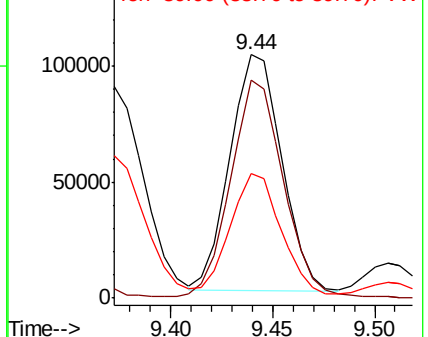
41 100

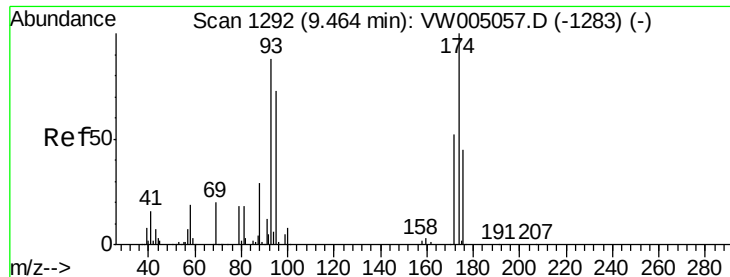
69 94.6 80.4 120.6

39 49.7 43.5 65.3



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: 1237.86 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

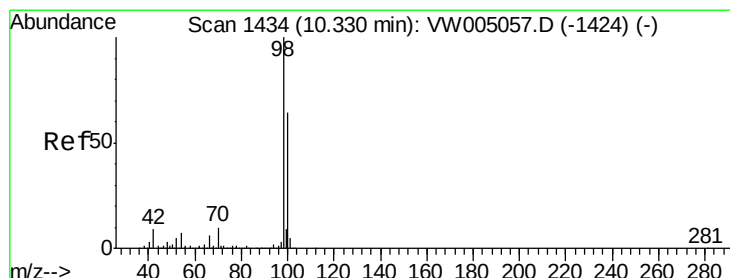
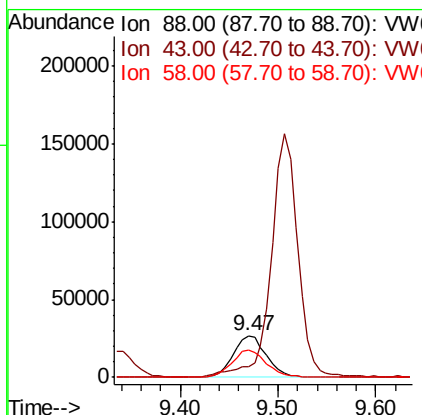
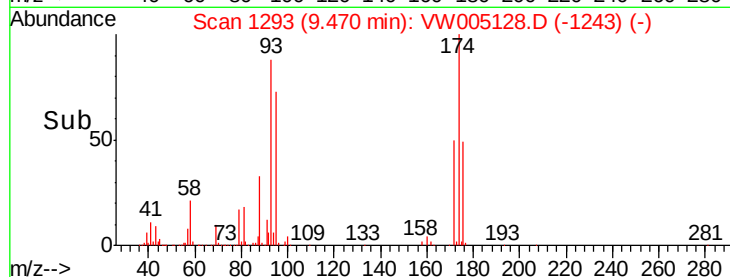
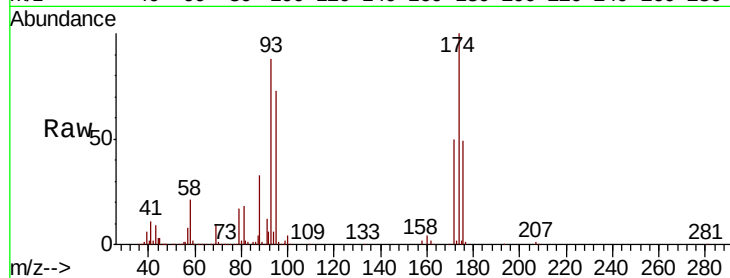
Tot Ion: 88 Resp: 62259

Ion Ratio Lower Upper

88 100

43 0.0 19.8 29.6#

58 70.4 57.1 85.7



#50

Toluene-d8

Concen: 51.18 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005128.D

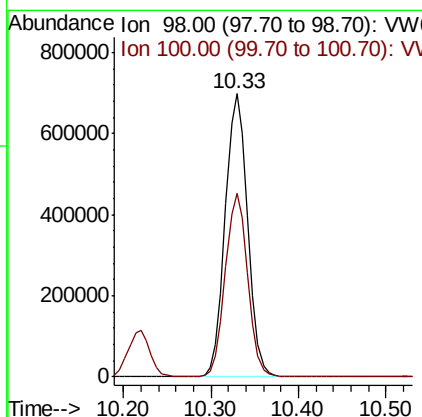
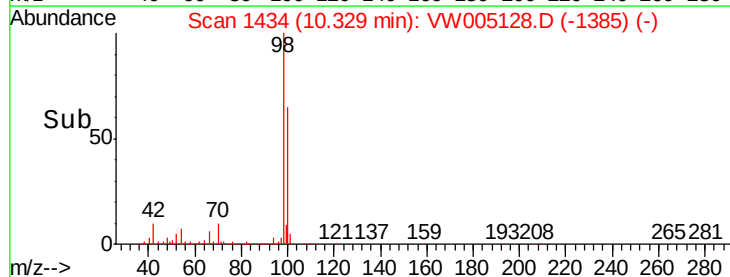
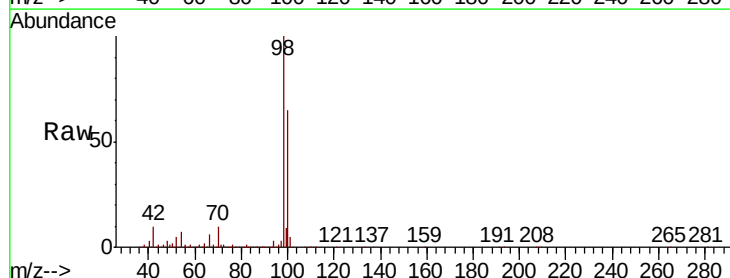
Acq: 05 Sep 2018 14:32

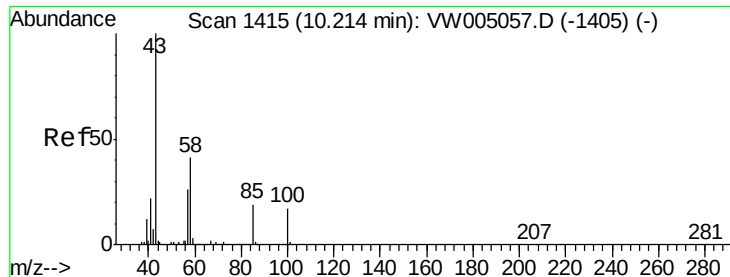
Tgt Ion: 98 Resp: 1244510

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5

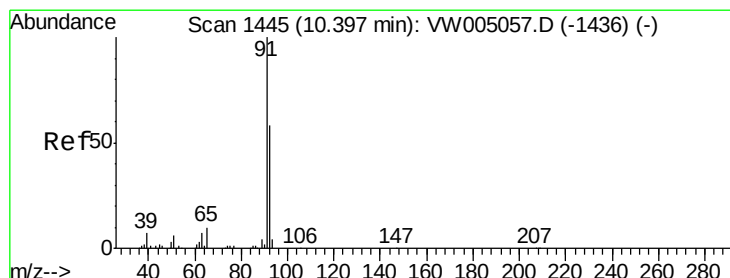
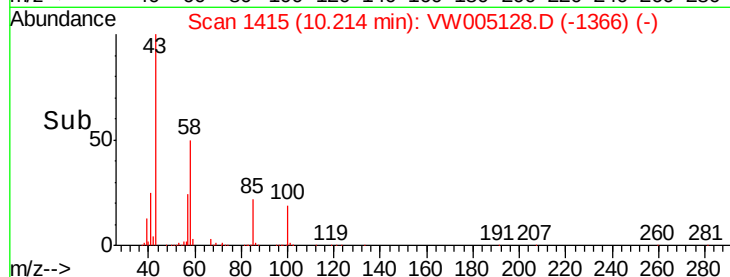
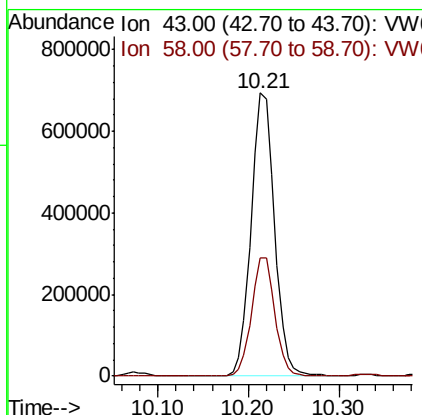
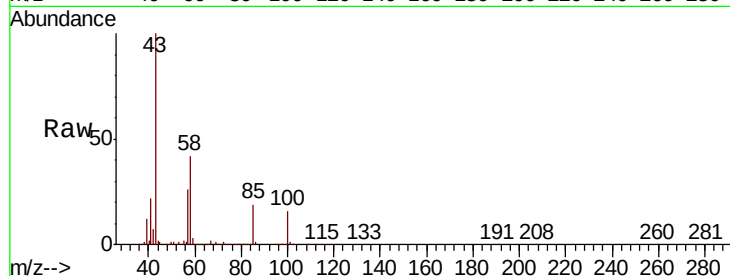




#51
 4-Methyl-2-Pentanone
 Concen: 314.21 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

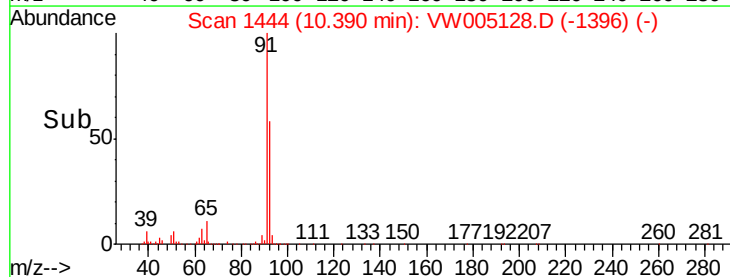
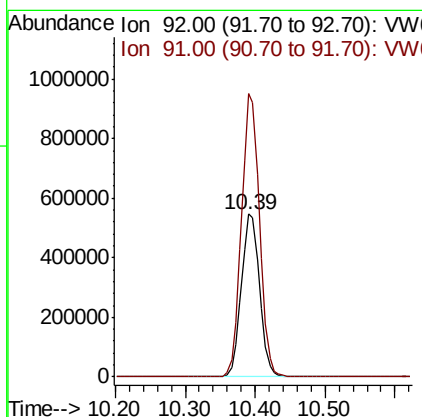
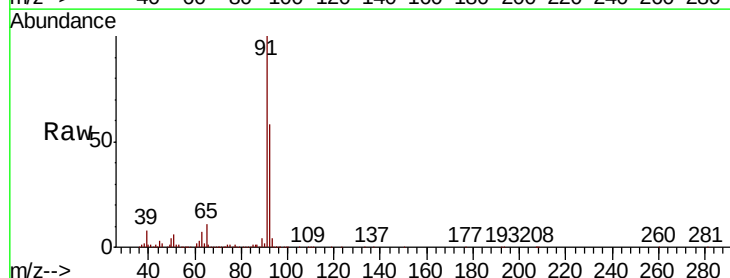
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

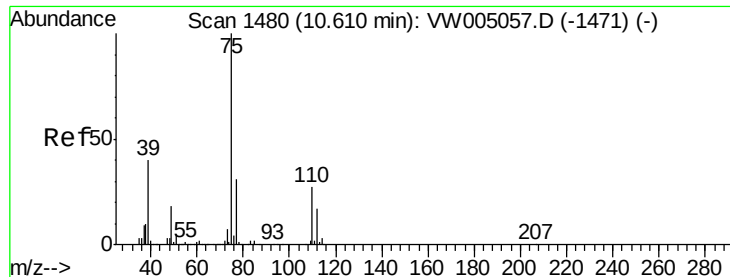
Tot Ion: 43 Resp: 1246322
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.3 49.9



#52
 Toluene
 Concen: 54.75 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion: 92 Resp: 987741
 Ion Ratio Lower Upper
 92 100
 91 172.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 57.26 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

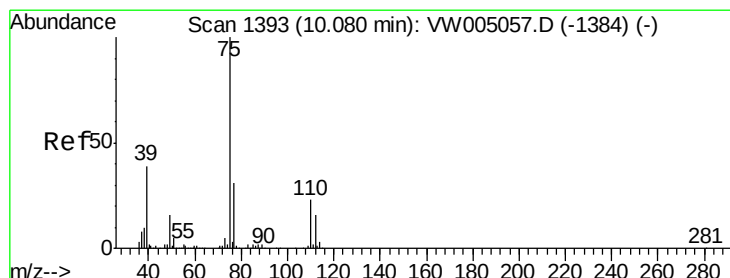
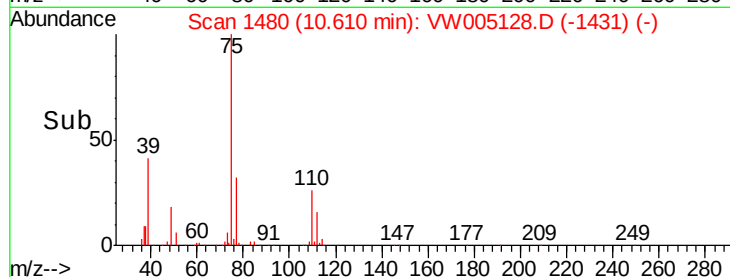
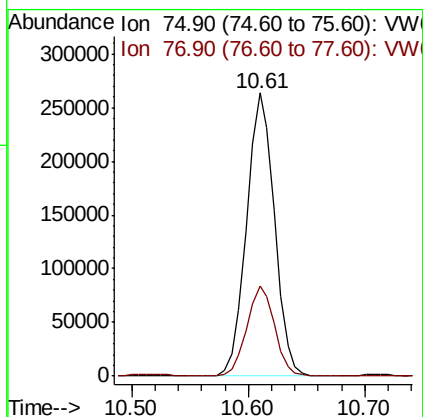
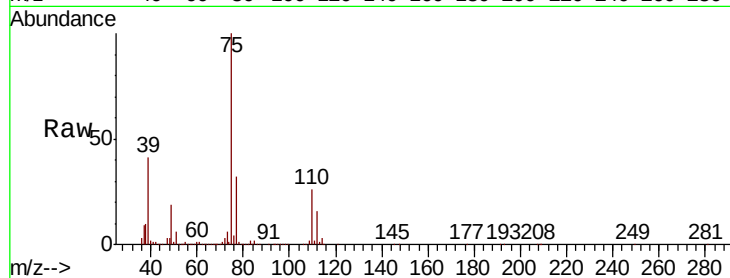
VSTDCCC050

Tot Ion: 75 Resp: 440617

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 56.72 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

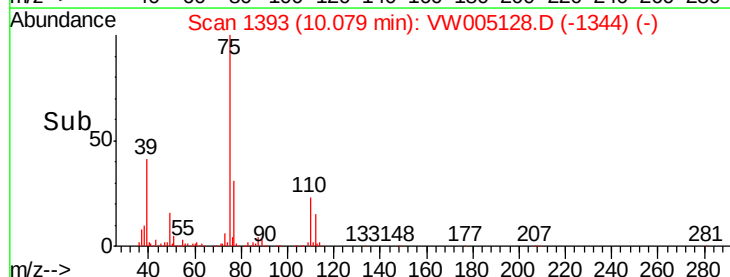
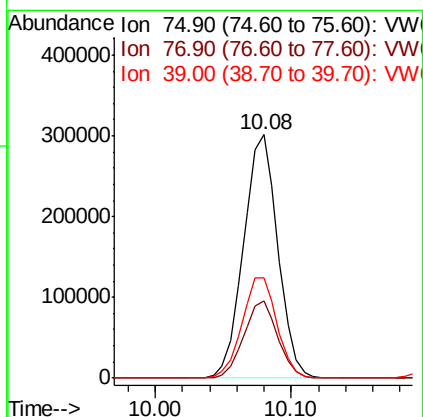
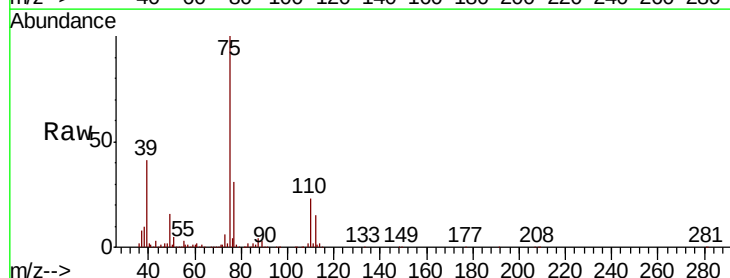
Tgt Ion: 75 Resp: 530841

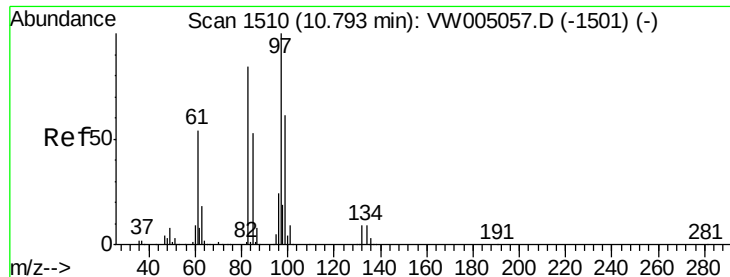
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 41.3 31.0 46.6

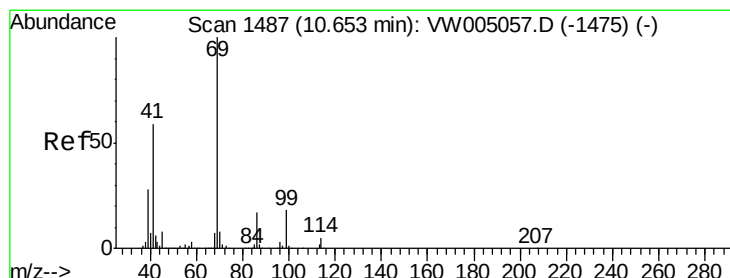
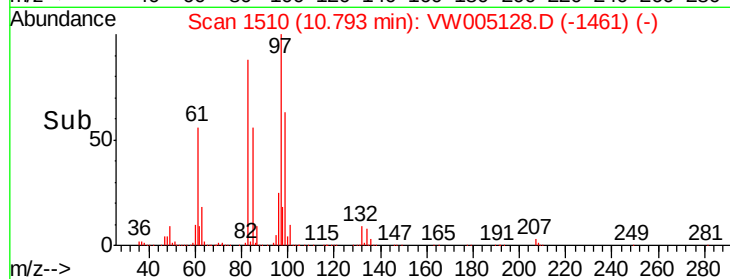
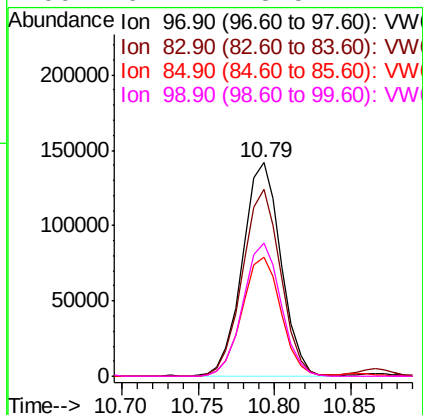
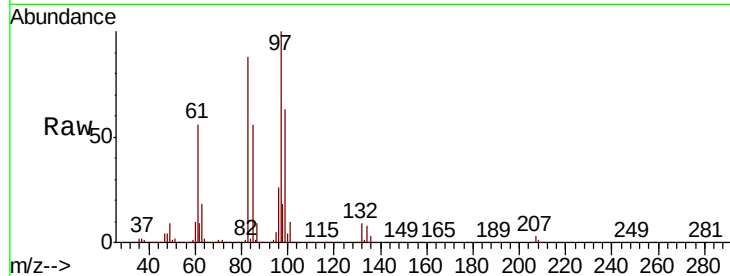




#55
 1,1,2-Trichloroethane
 Concen: 51.61 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

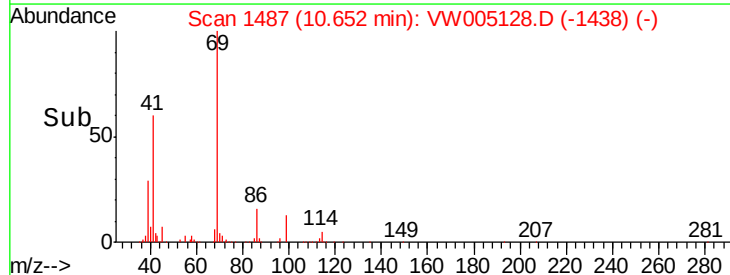
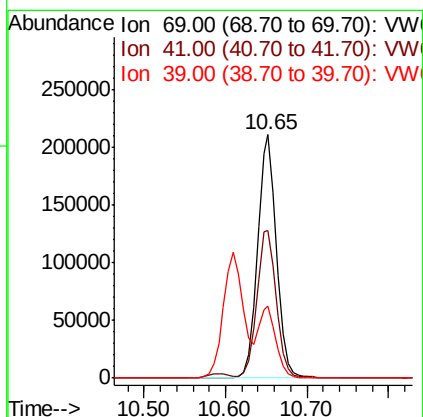
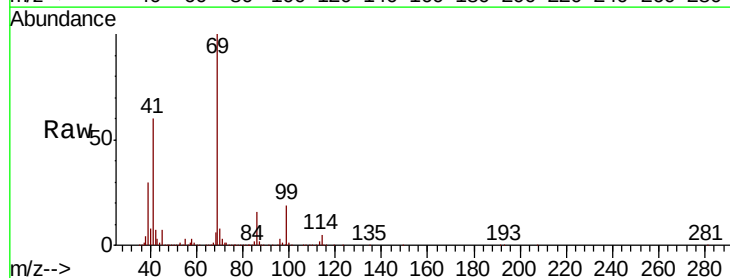
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

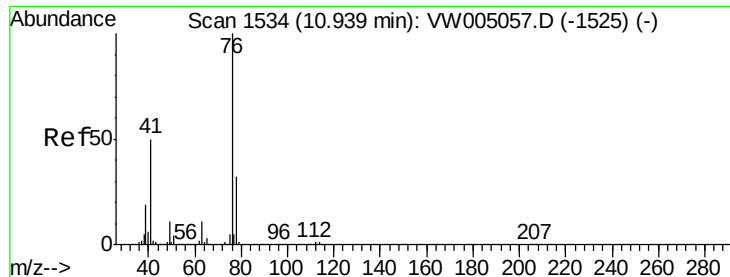
Tot Ion:	97	Resp:	248539
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.0	100.6
85	56.0	42.3	63.5
99	62.4	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 62.44 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion:	69	Resp:	343028
Ion	Ratio	Lower	Upper
69	100		
41	62.5	47.8	71.6
39	26.5	21.1	31.7





#57

1,3-Dichloropropane

Concen: 53.68 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

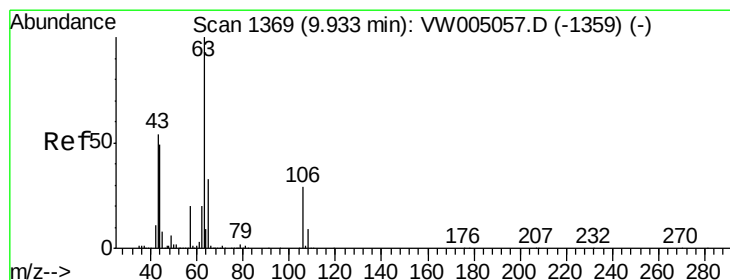
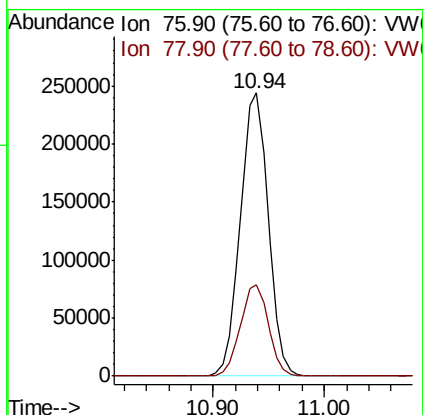
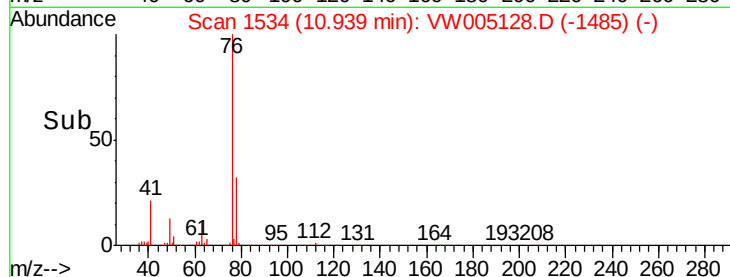
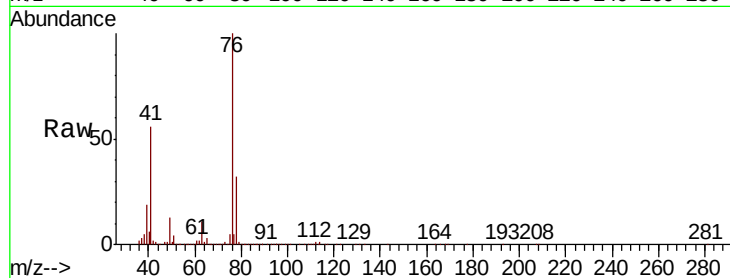
VSTDCCC050

Tot Ion: 76 Resp: 425558

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 285.98 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005128.D

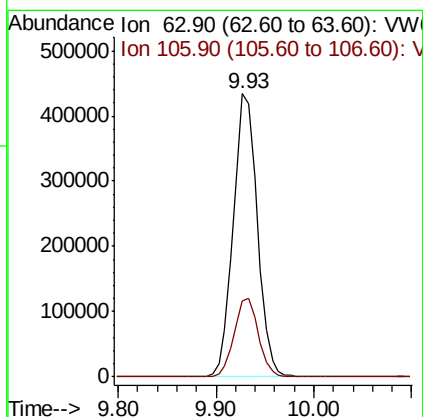
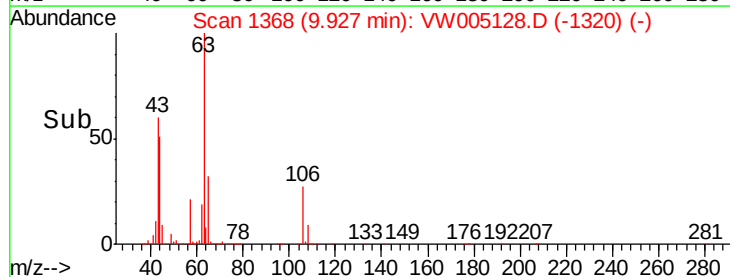
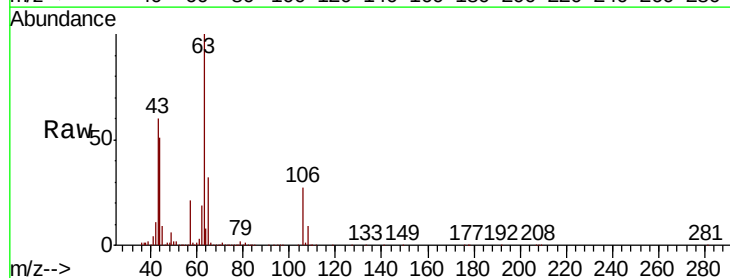
Acq: 05 Sep 2018 14:32

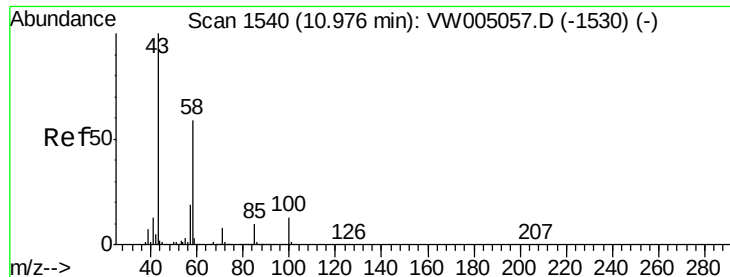
Tgt Ion: 63 Resp: 744457

Ion Ratio Lower Upper

63 100

106 27.8 23.1 34.7

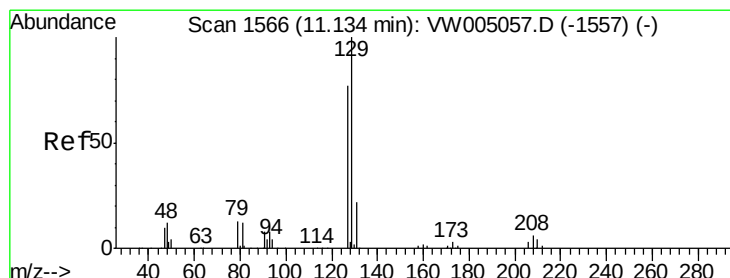
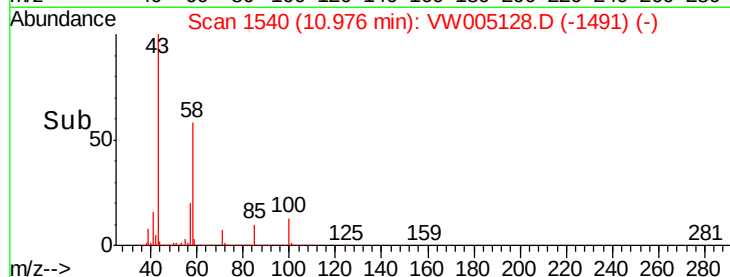
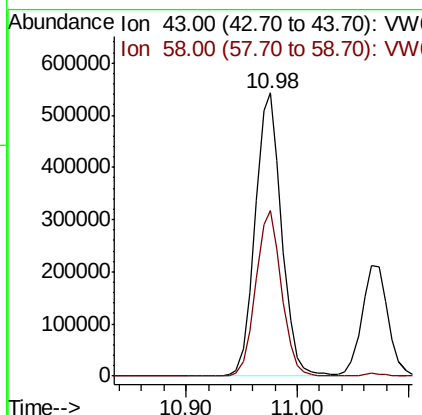
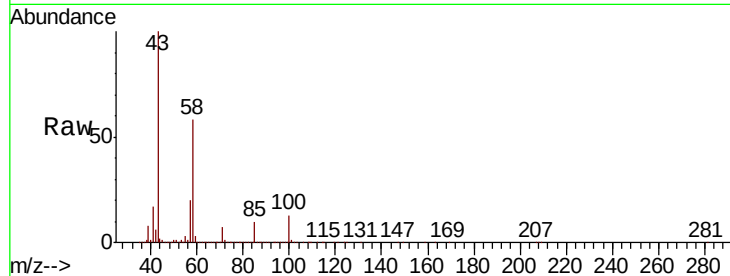




#59
2-Hexanone
Concen: 333.69 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

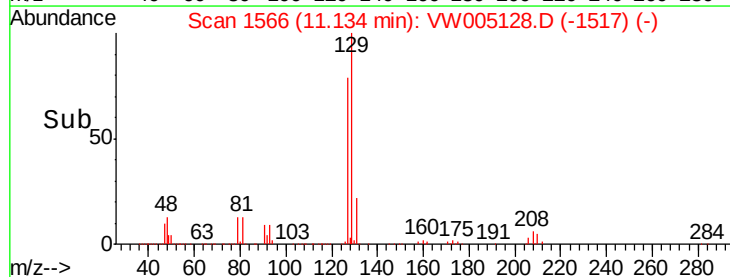
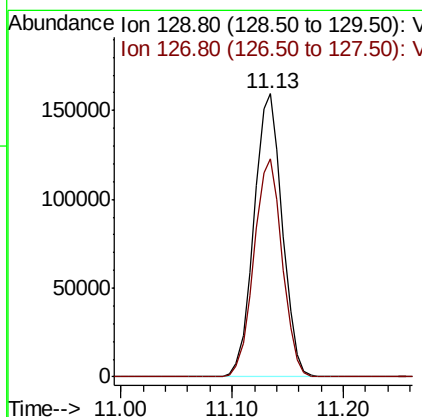
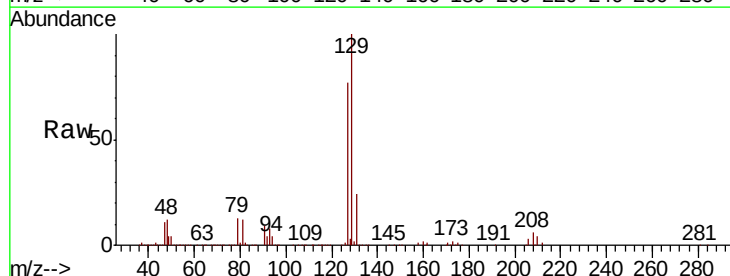
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

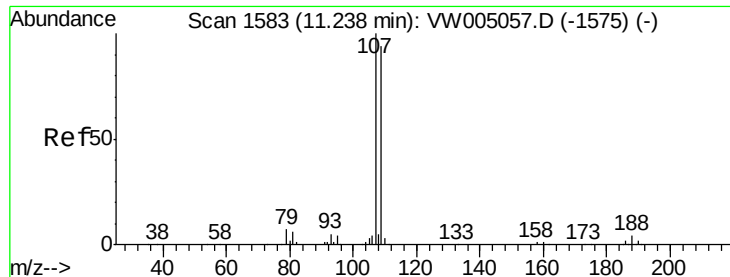
Tot Ion: 43 Resp: 895237
Ion Ratio Lower Upper
43 100
58 57.3 28.7 86.3



#60
Dibromochloromethane
Concen: 51.82 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion: 129 Resp: 282126
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.73 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

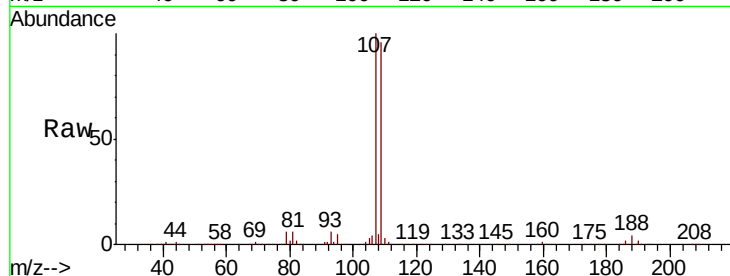
VSTDCCC050

Tot Ion:107 Resp: 229222

Ion Ratio Lower Upper

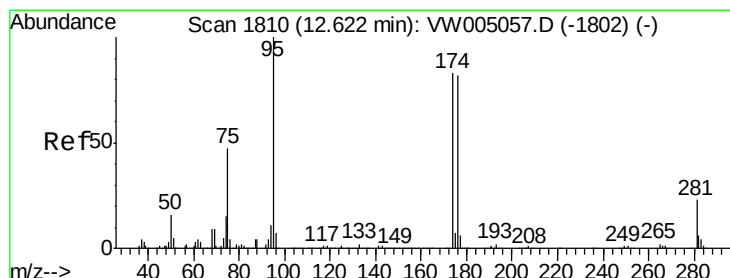
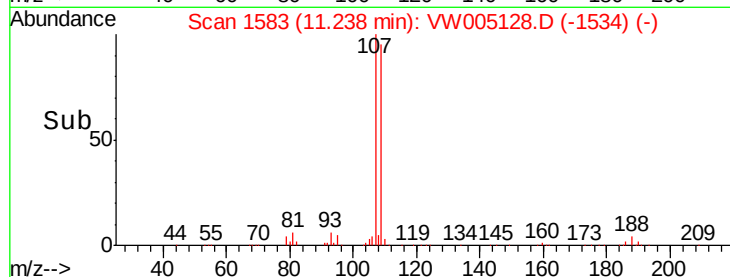
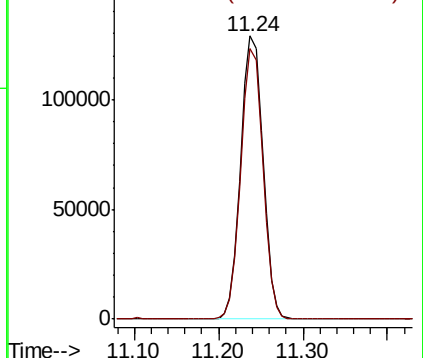
107 100

109 94.4 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.45 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

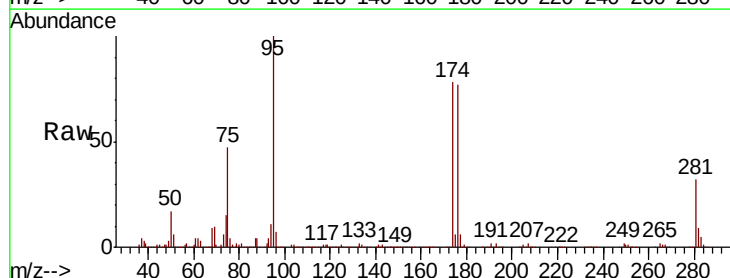
Tgt Ion: 95 Resp: 449692

Ion Ratio Lower Upper

95 100

174 81.8 0.0 173.4

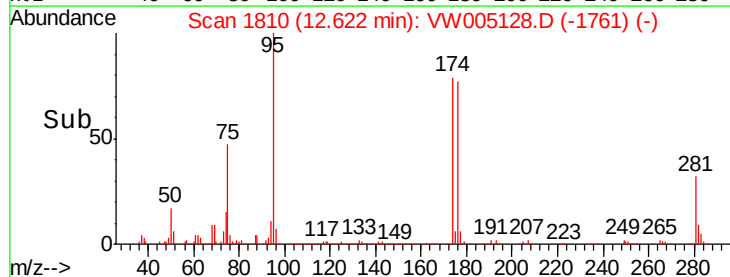
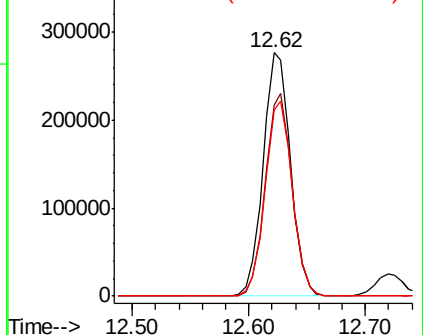
176 79.7 0.0 167.4

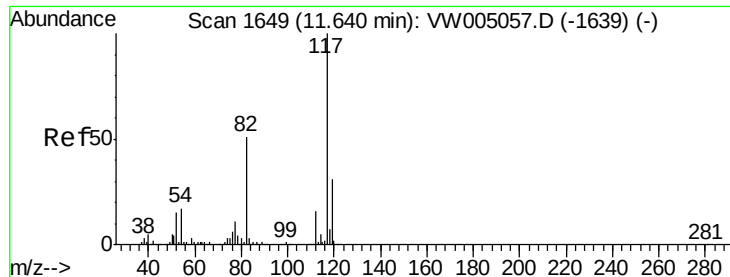


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

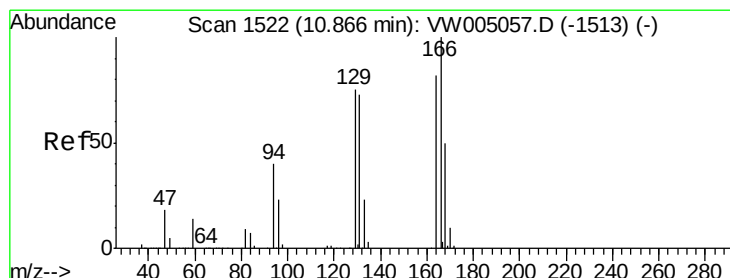
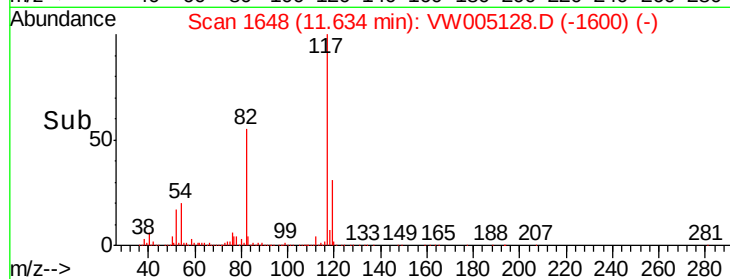
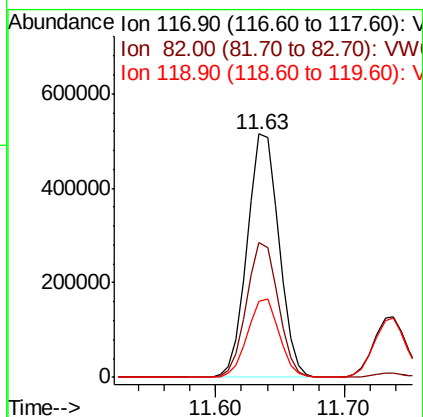
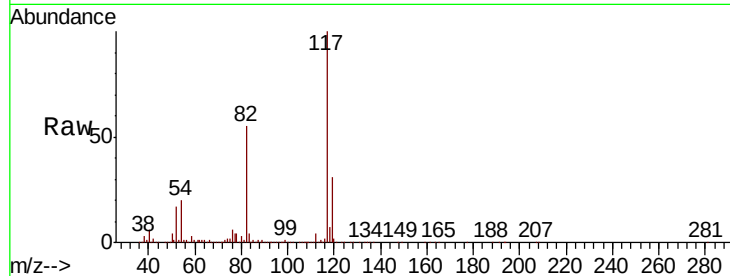




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

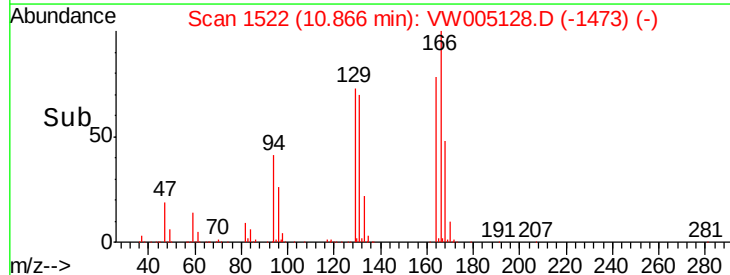
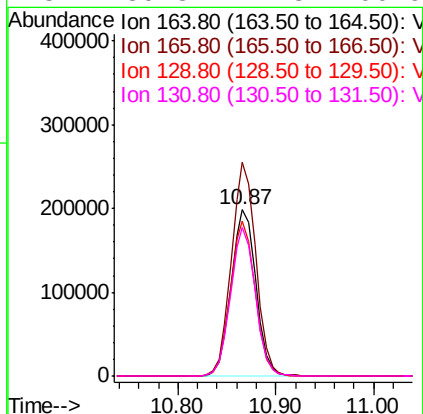
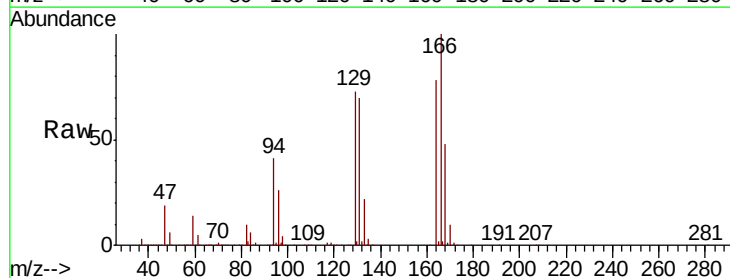
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

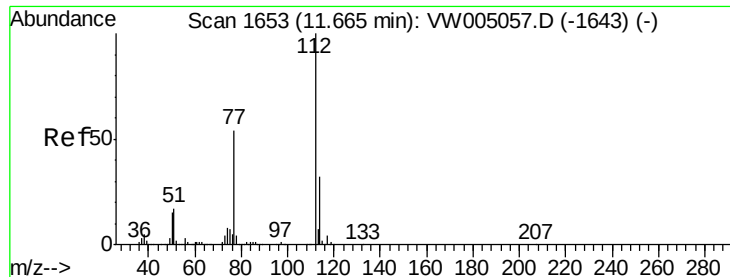
Tot Ion:117 Resp: 876480
Ion Ratio Lower Upper
117 100
82 55.3 40.9 61.3
119 31.4 24.9 37.3



#64
Tetrachloroethene
Concen: 50.77 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion:164 Resp: 349152
Ion Ratio Lower Upper
164 100
166 128.4 97.3 145.9
129 93.1 73.1 109.7
131 89.3 71.3 106.9

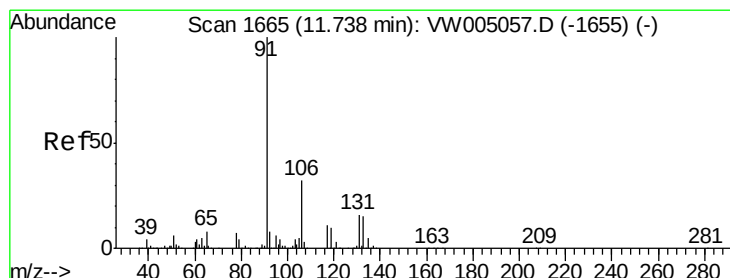
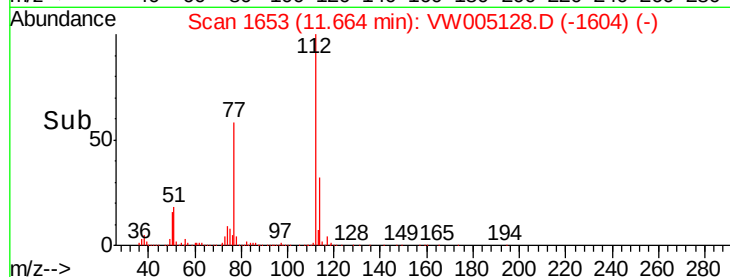
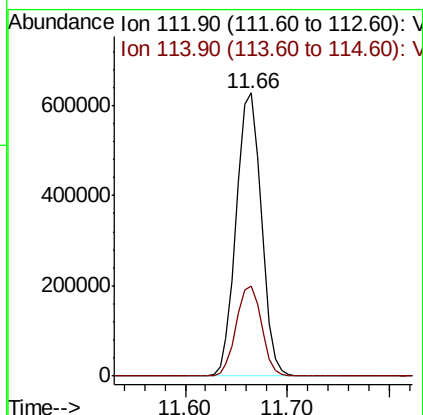
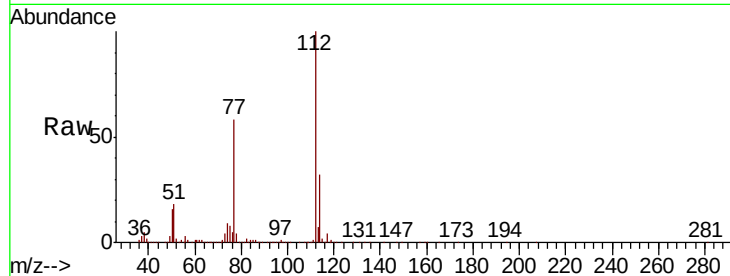




#65
Chlorobenzene
Concen: 54.19 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

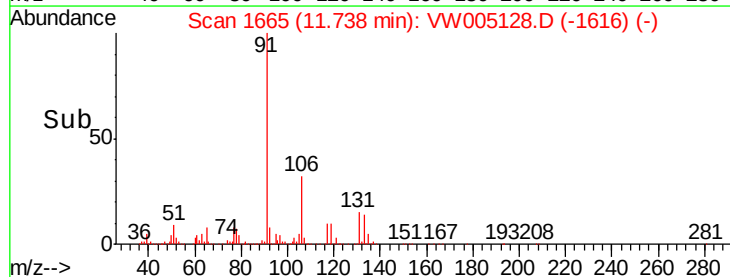
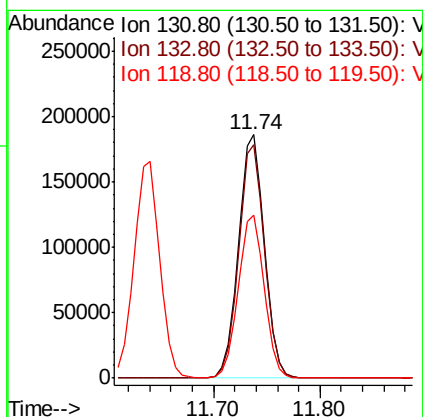
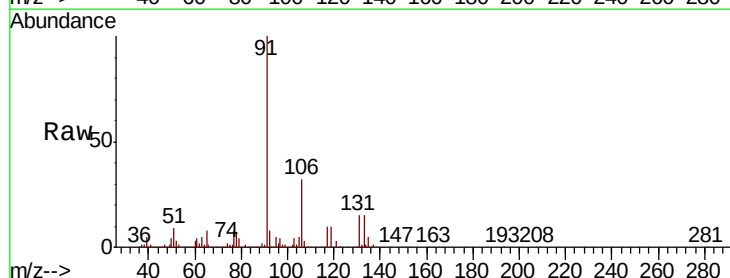
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

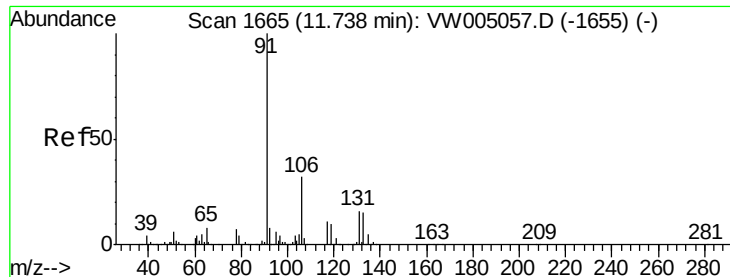
Tot Ion:112 Resp: 1069315
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.66 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion:131 Resp: 317510
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.3
119 67.3 33.4 100.1

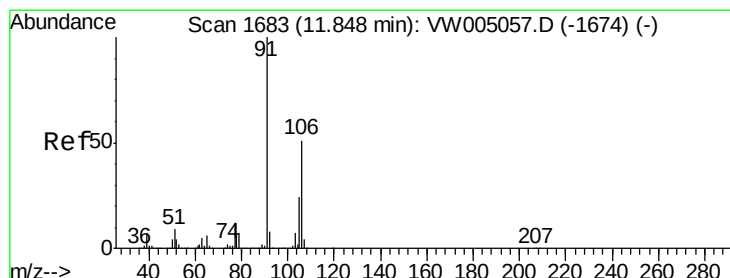
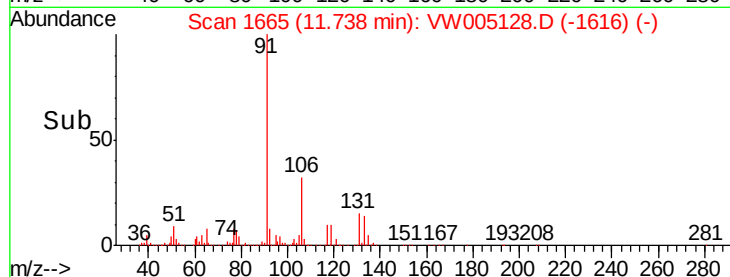
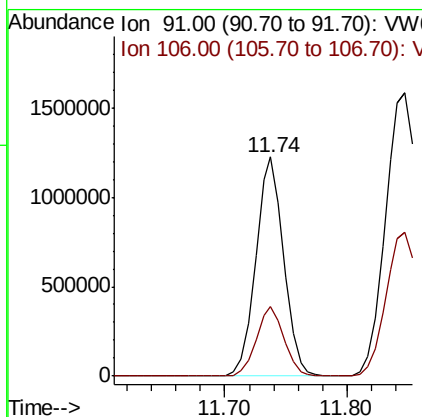
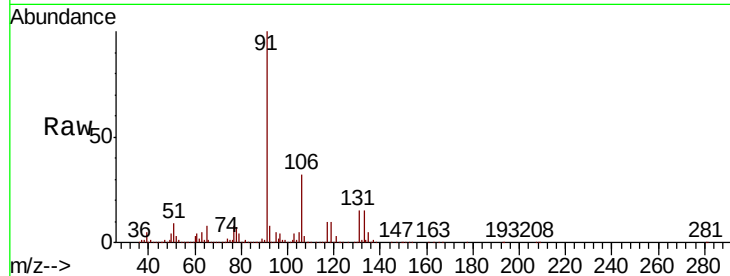




#67
Ethyl Benzene
Concen: 57.84 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

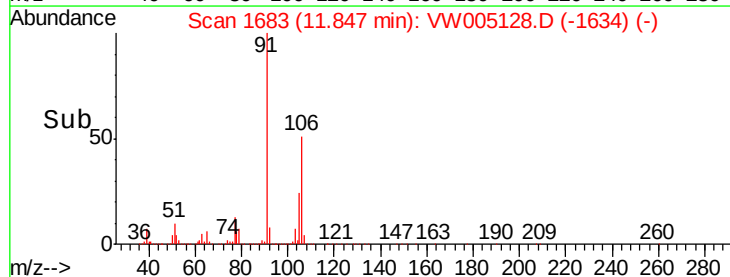
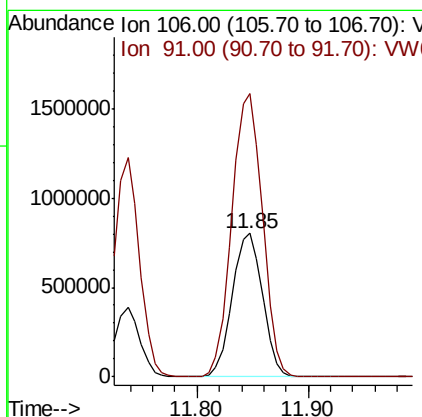
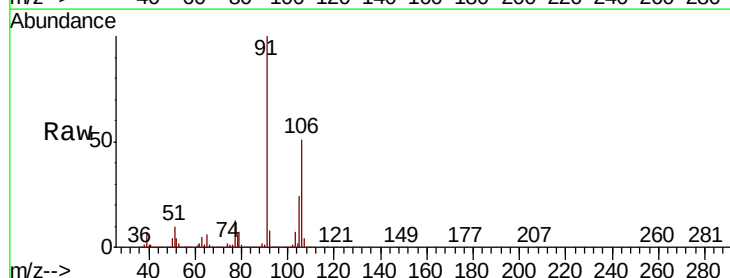
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

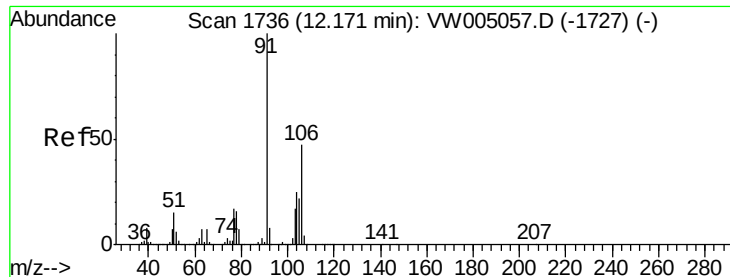
Tot Ion: 91 Resp: 1929339
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 113.32 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion:106 Resp: 1513443
Ion Ratio Lower Upper
106 100
91 199.6 158.4 237.6

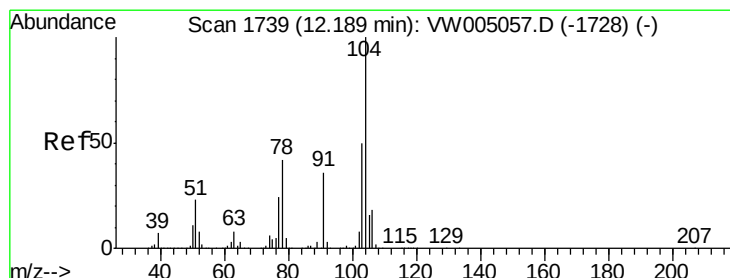
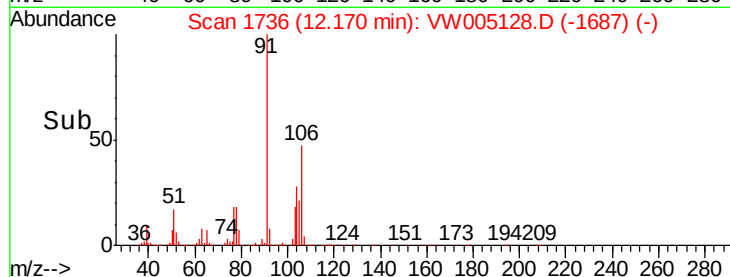
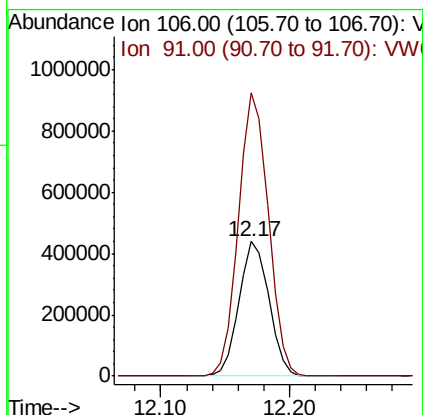
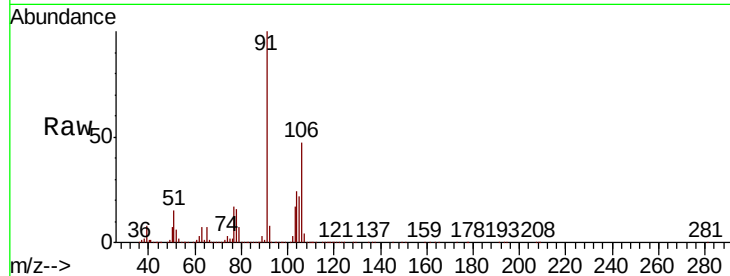




#69
o-Xylene
Concen: 57.39 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

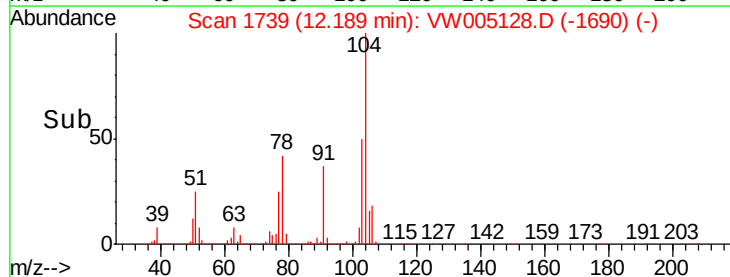
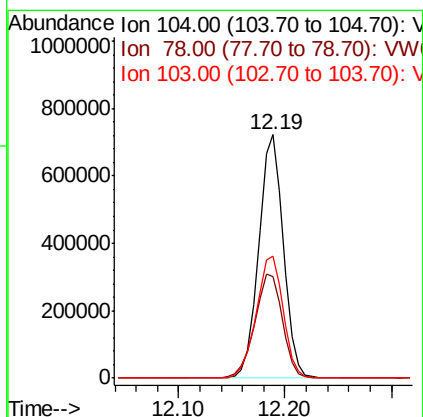
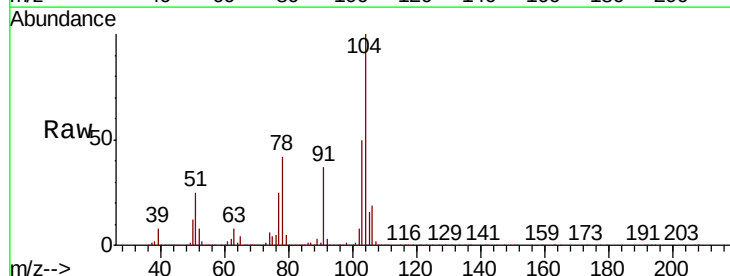
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

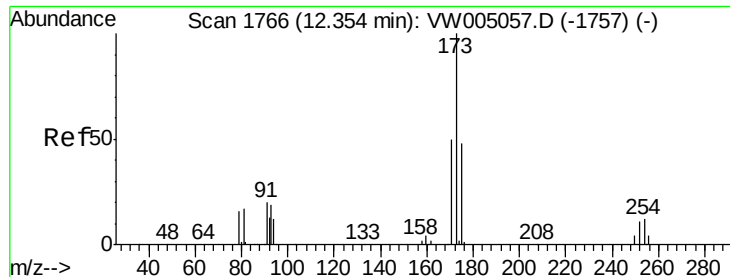
Tot Ion:106 Resp: 708728
Ion Ratio Lower Upper
106 100
91 210.1 105.6 316.8



#70
Styrene
Concen: 57.39 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion:104 Resp: 1170541
Ion Ratio Lower Upper
104 100
78 47.9 37.8 56.6
103 55.0 44.1 66.1

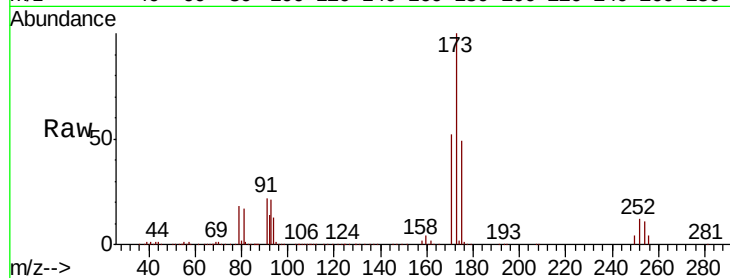




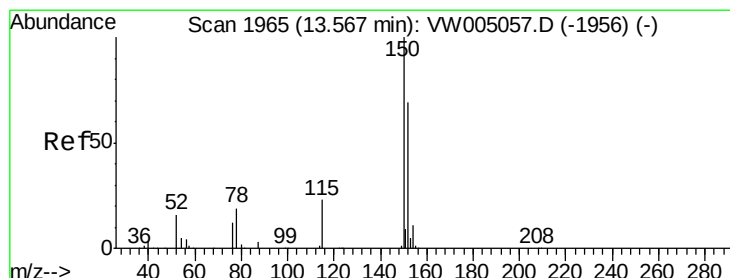
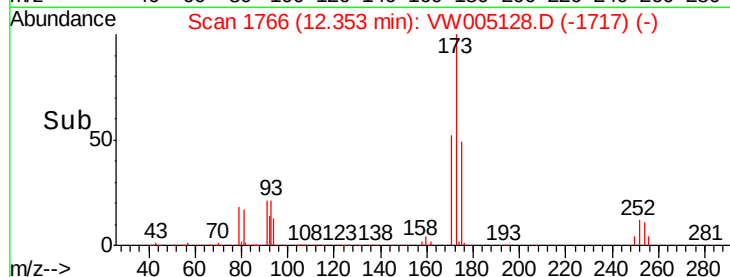
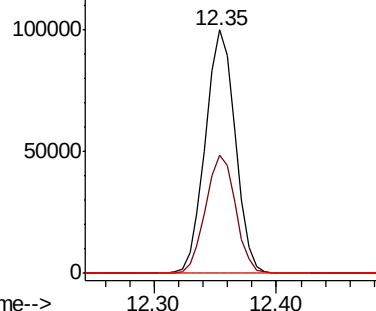
#71
Bromoform
Concen: 52.77 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 168631
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.2 0.2#

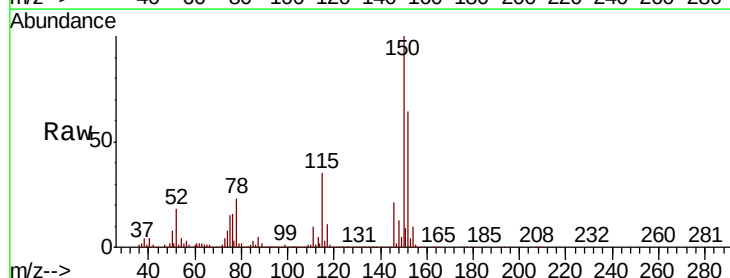


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

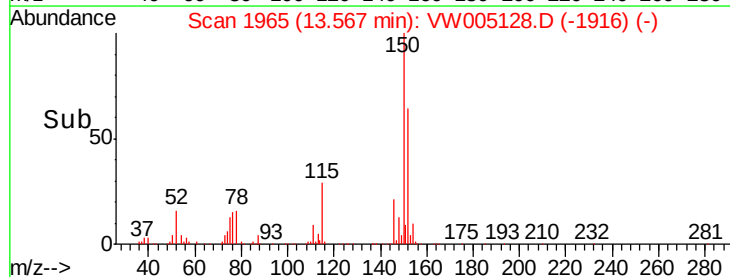
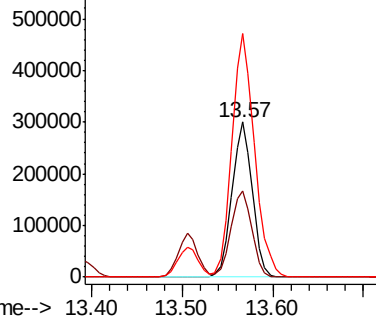


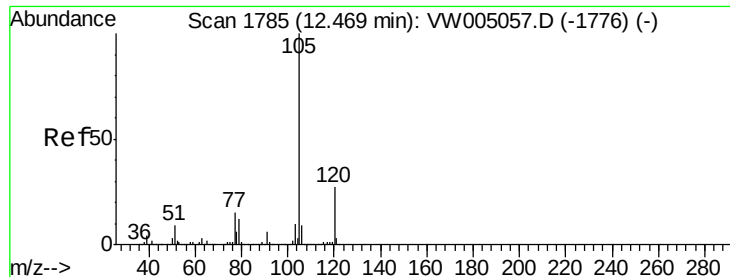
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion:152 Resp: 462650
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.4
150 175.2 0.0 351.4



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: 59.42 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

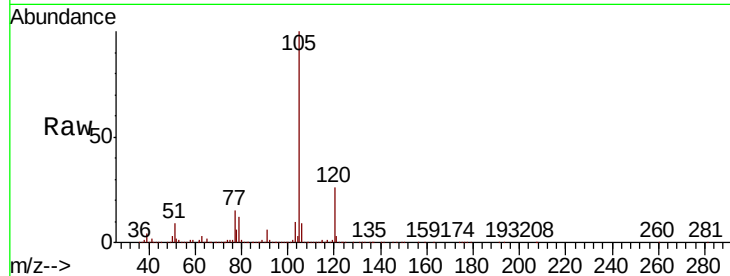
VSTDCCC050

Tot Ion:105 Resp: 1938322

Ion Ratio Lower Upper

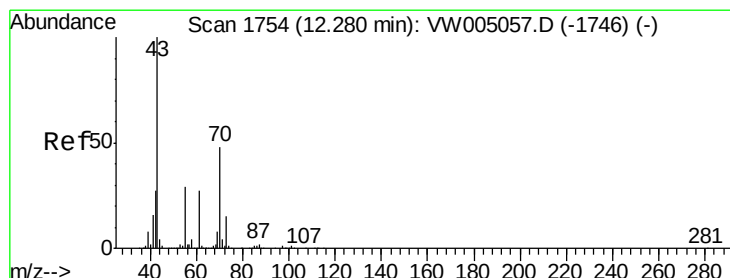
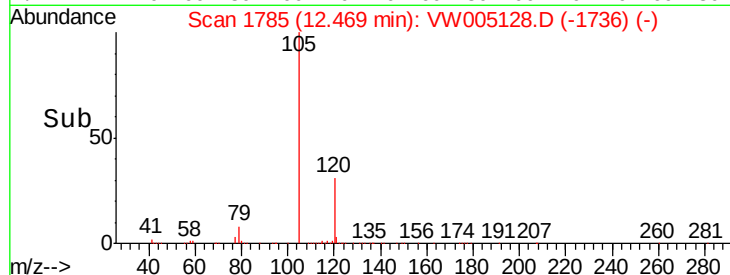
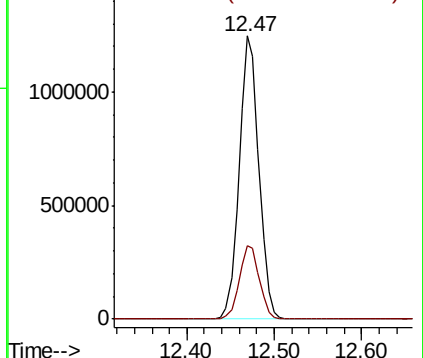
105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 68.78 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion: 43 Resp: 386338

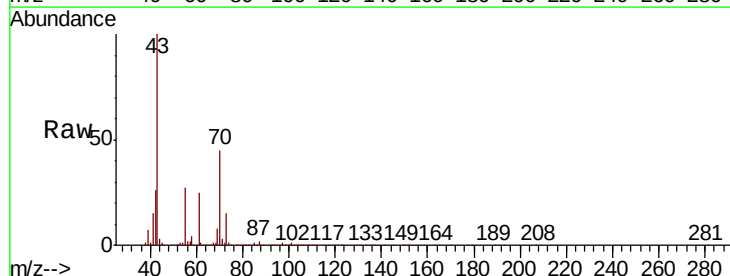
Ion Ratio Lower Upper

43 100

70 45.2 38.2 57.4

55 26.8 23.2 34.8

61 25.1 20.6 31.0

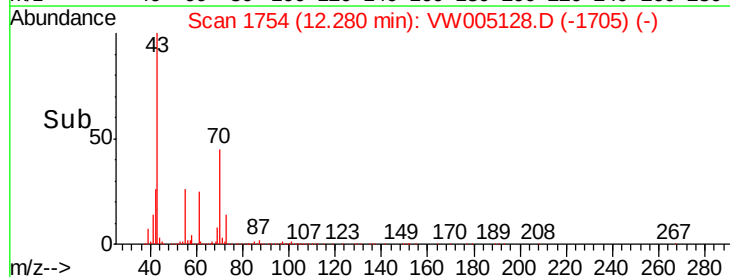
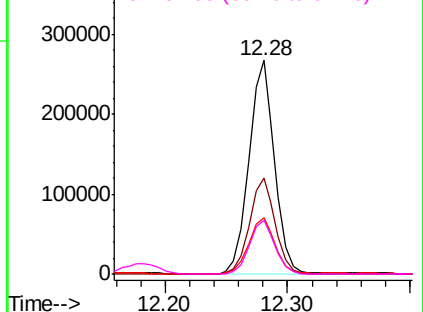


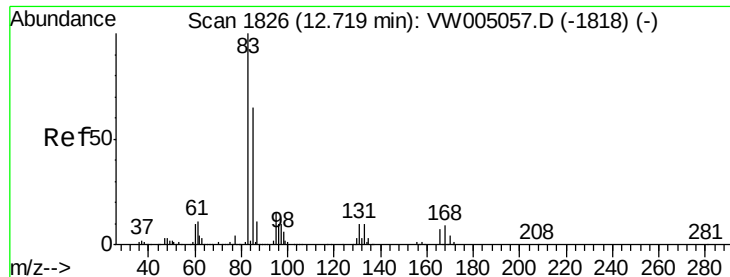
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 58.62 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

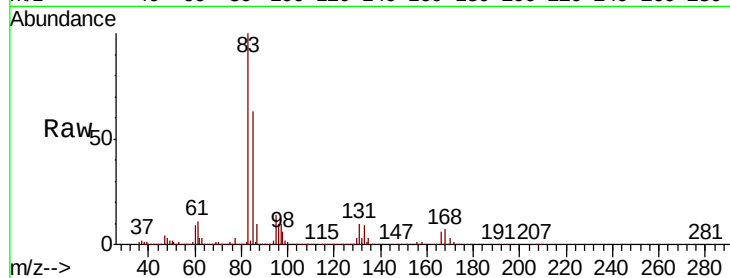
Tot Ion: 83 Resp: 291135

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

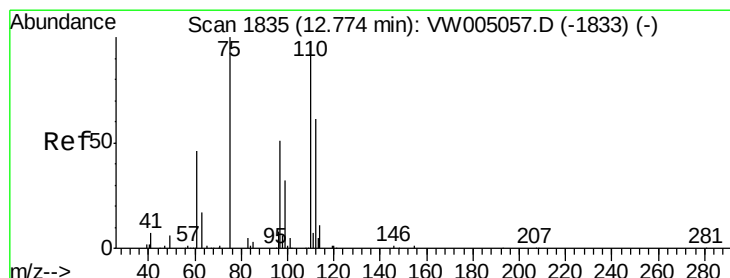
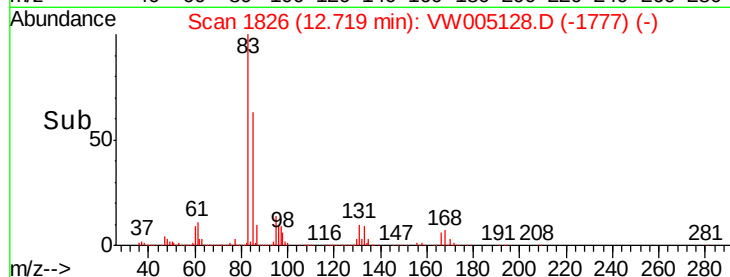
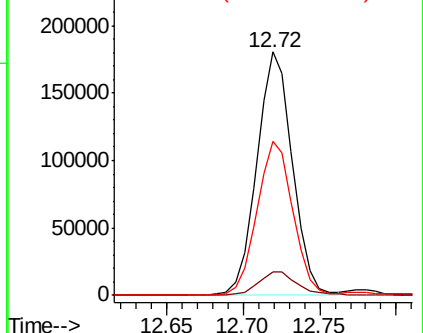
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 112.29 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005128.D

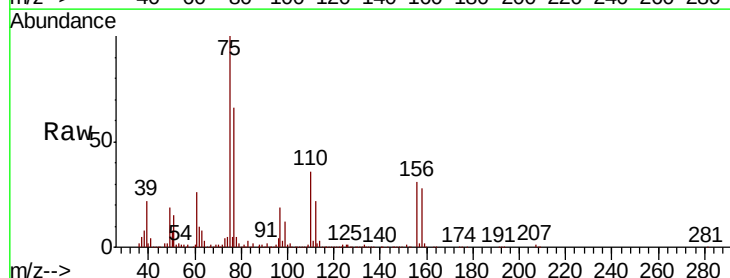
Acq: 05 Sep 2018 14:32

Tgt Ion: 75 Resp: 389965

Ion Ratio Lower Upper

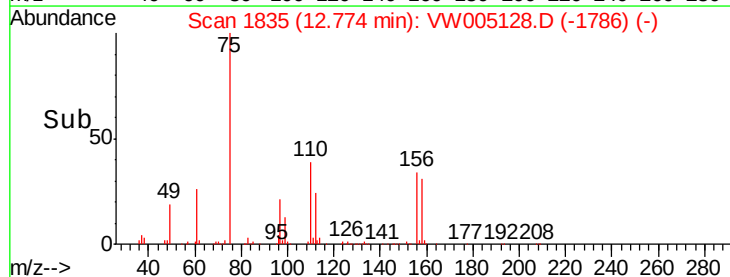
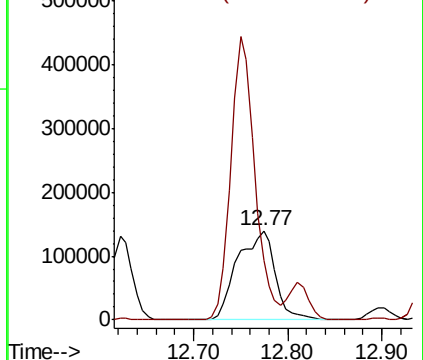
75 100

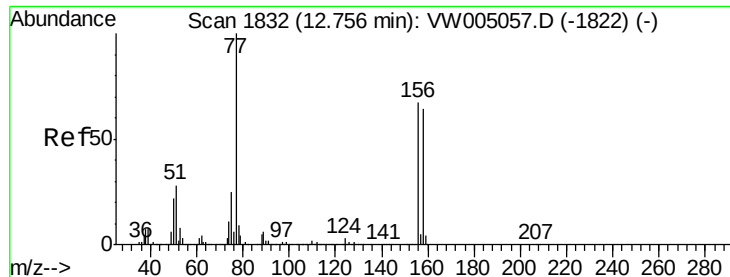
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

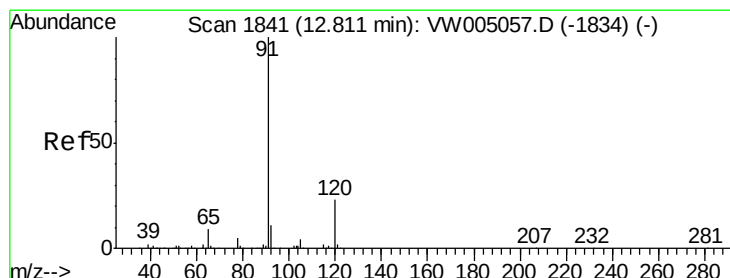
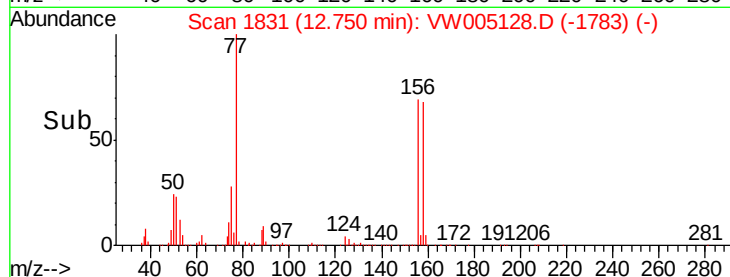
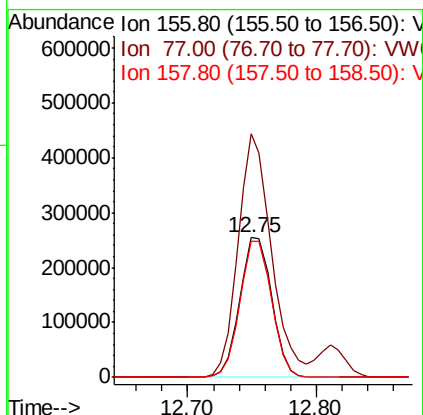
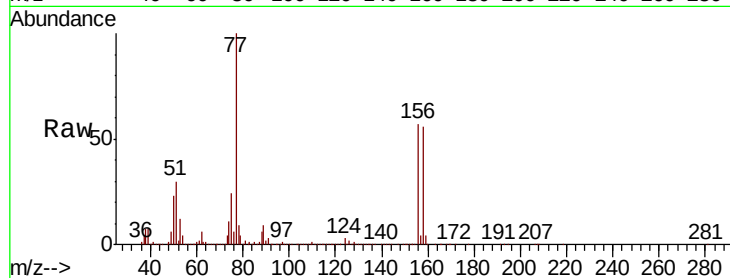




#77
Bromobenzene
Concen: 54.27 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

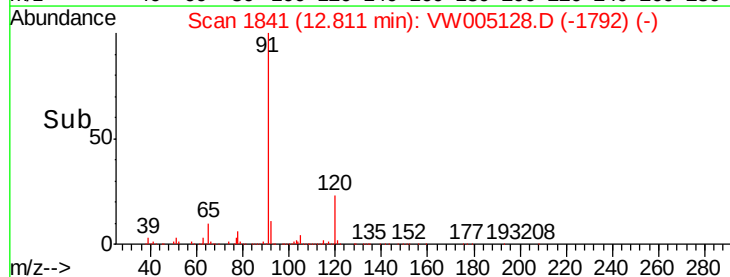
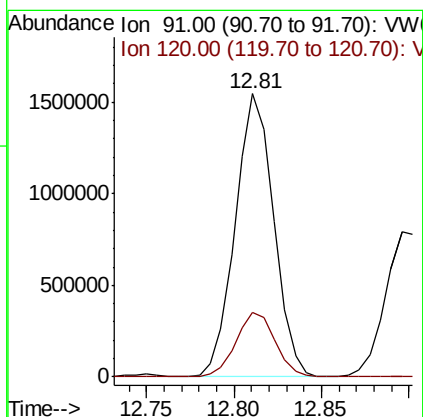
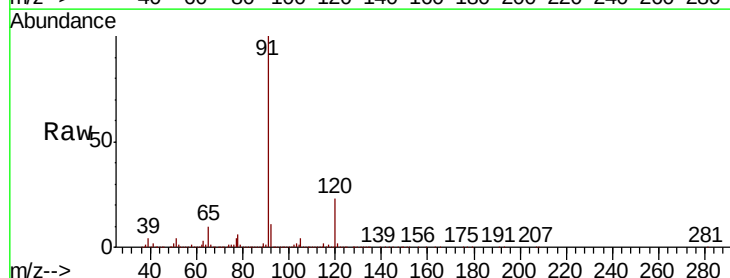
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

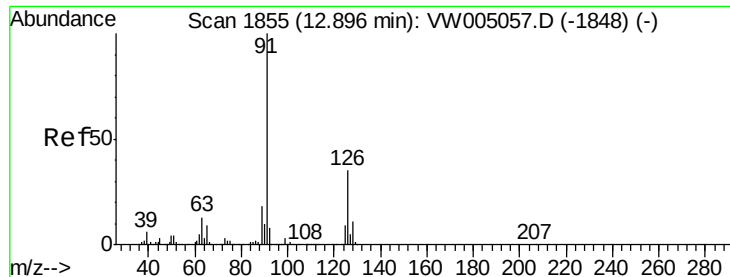
Tot Ion:156 Resp: 436210
Ion Ratio Lower Upper
156 100
77 181.7 85.8 257.4
158 96.6 48.1 144.4



#78
n-propylbenzene
Concen: 59.91 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion: 91 Resp: 2359230
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.3





#79

2-Chlorotoluene

Concen: 57.48 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

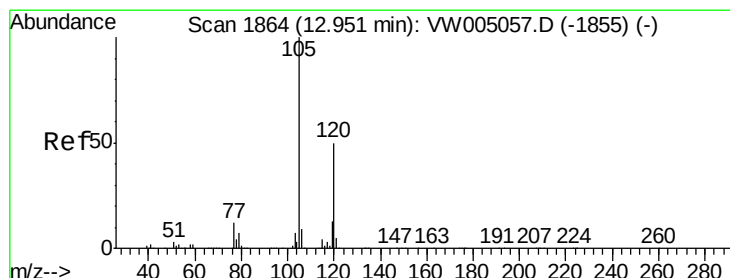
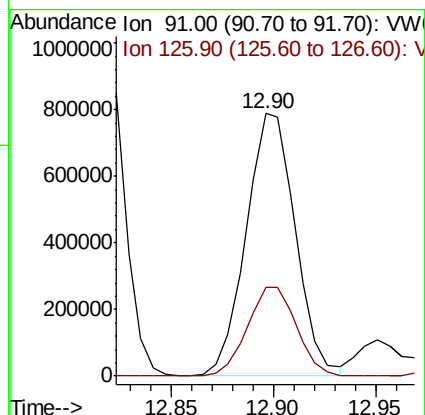
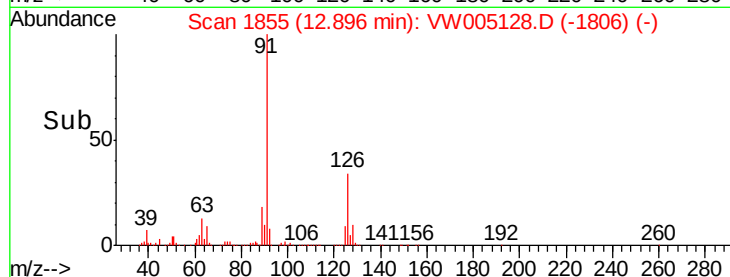
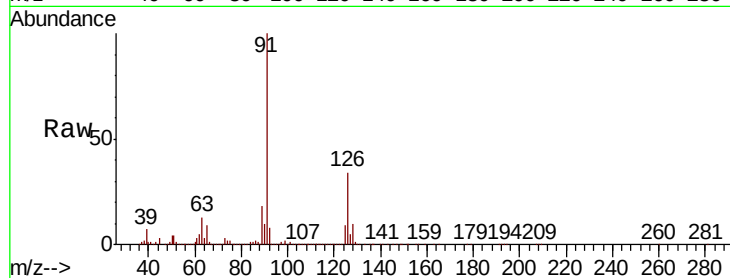
VSTDCCC050

Tot Ion: 91 Resp: 1320705

Ion Ratio Lower Upper

91 100

126 34.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 58.04 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005128.D

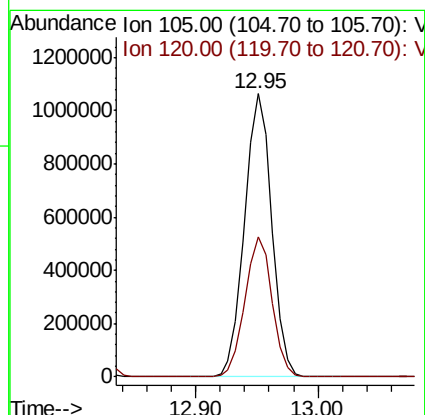
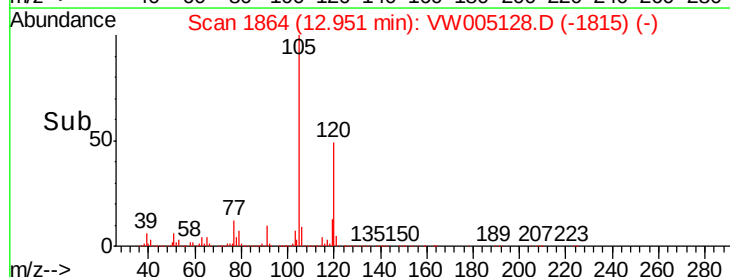
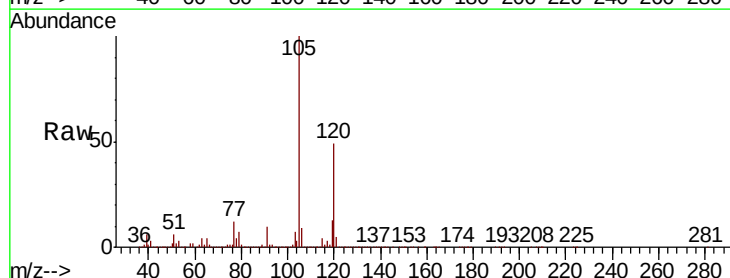
Acq: 05 Sep 2018 14:32

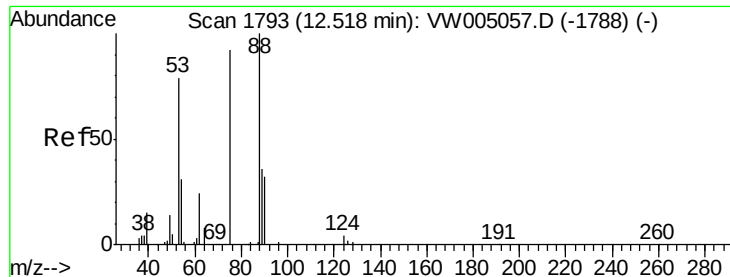
Tgt Ion:105 Resp: 1637313

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.8

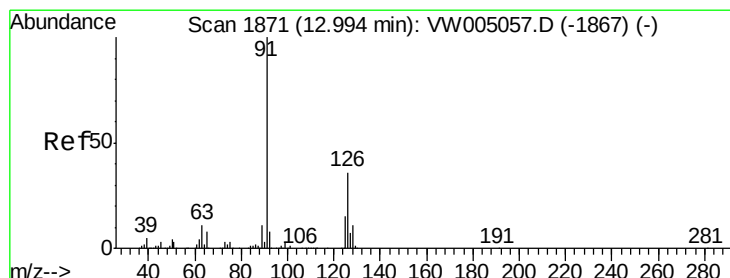
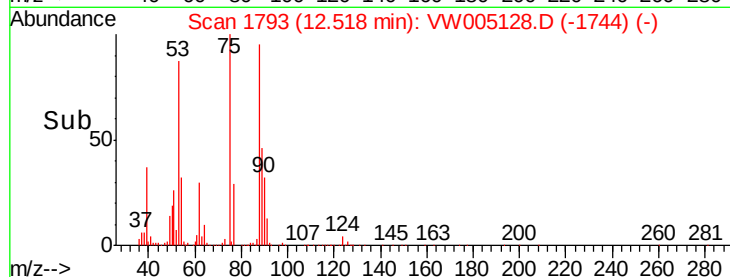
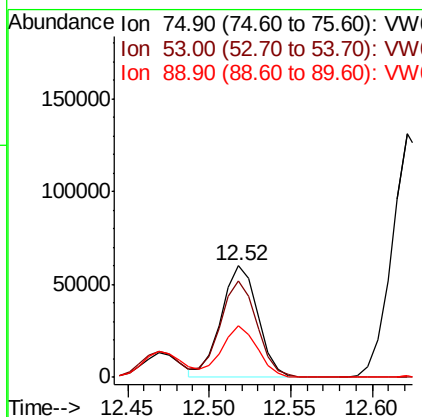
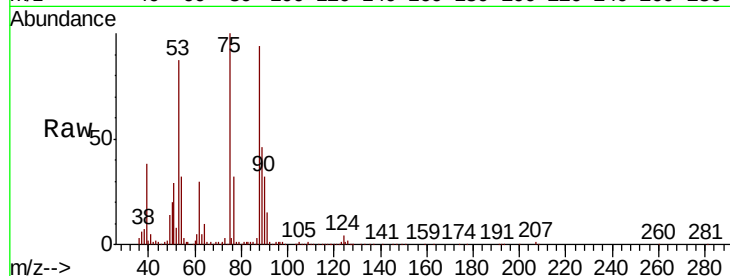




#81
trans-1,4-Dichloro-2-butene
Concen: 65.05 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

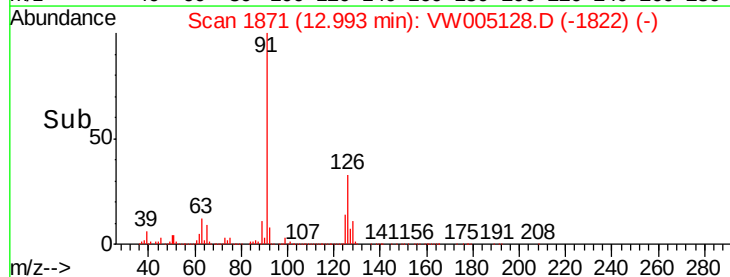
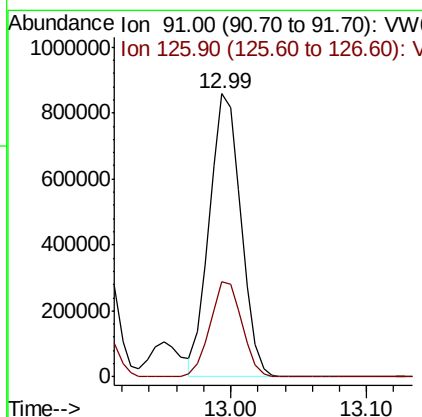
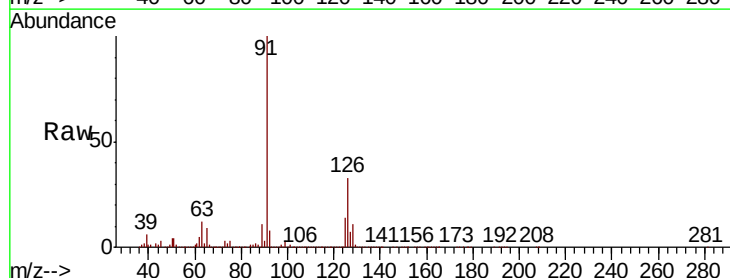
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

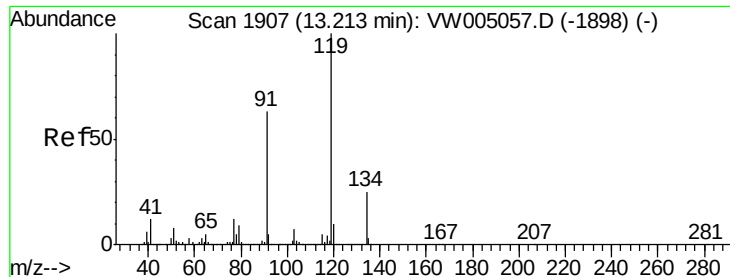
Tot Ion: 75 Resp: 93861
Ion Ratio Lower Upper
75 100
53 87.0 69.8 104.8
89 45.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 56.72 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion: 91 Resp: 1376084
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.3

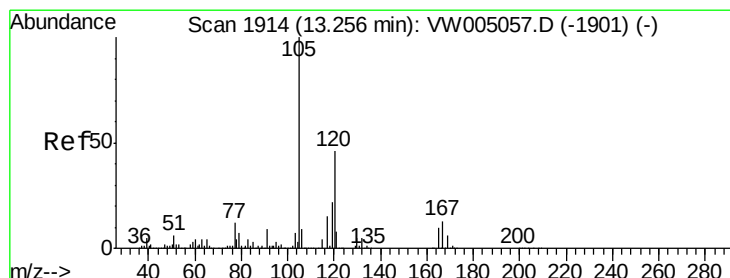
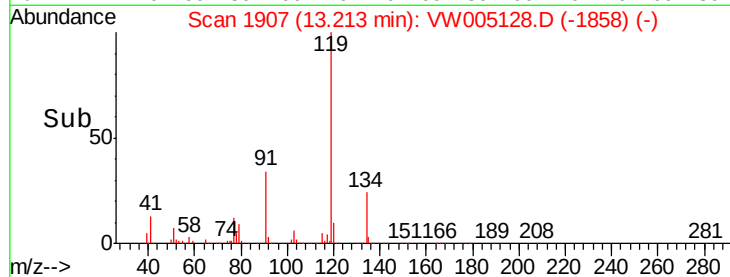
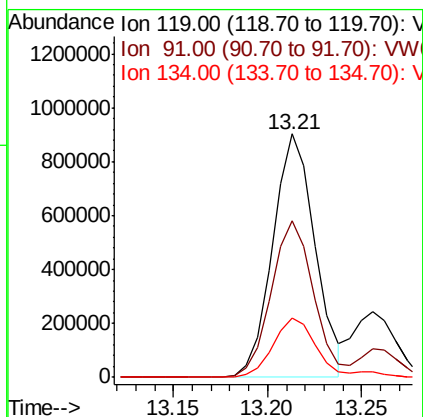
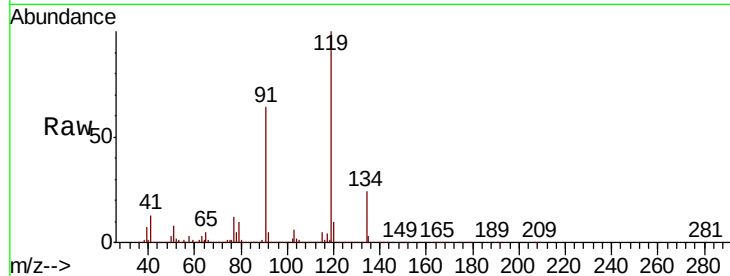




#83
 tert-Butylbenzene
 Concen: 59.73 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

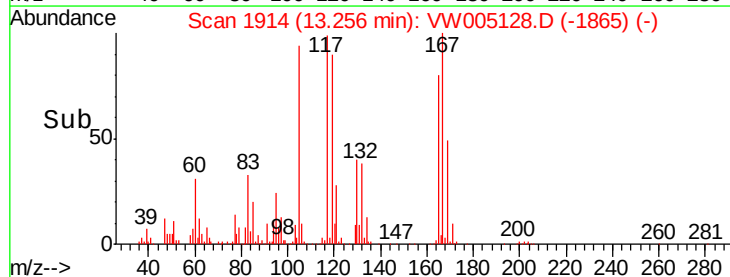
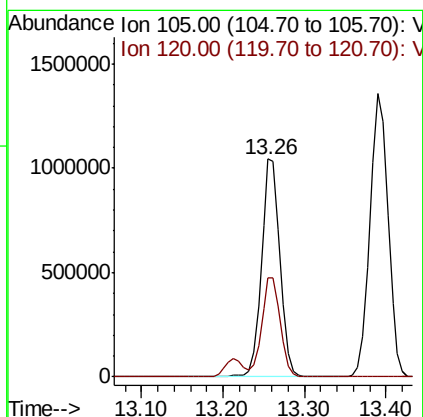
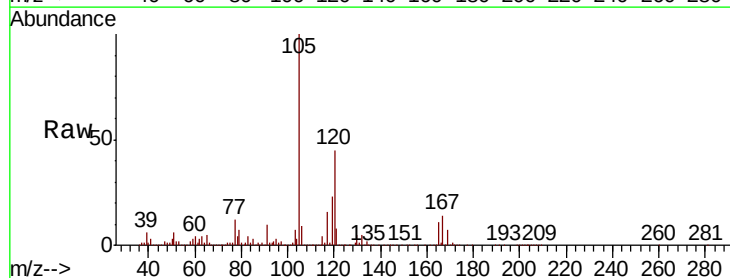
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

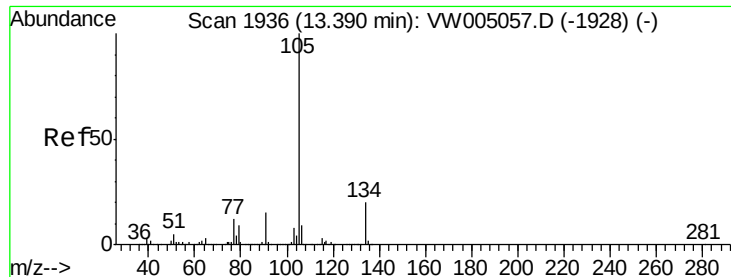
Tot Ion:119 Resp: 1407207
 Ion Ratio Lower Upper
 119 100
 91 64.7 31.8 95.4
 134 26.2 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 57.50 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion:105 Resp: 1652092
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.3

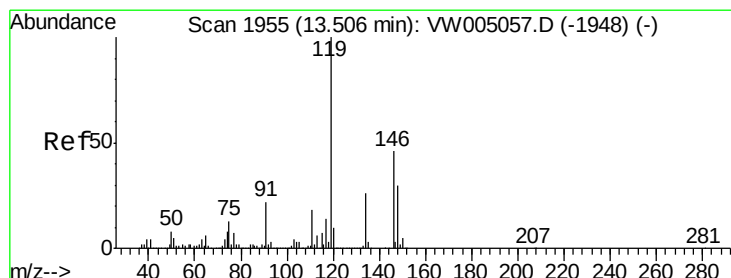
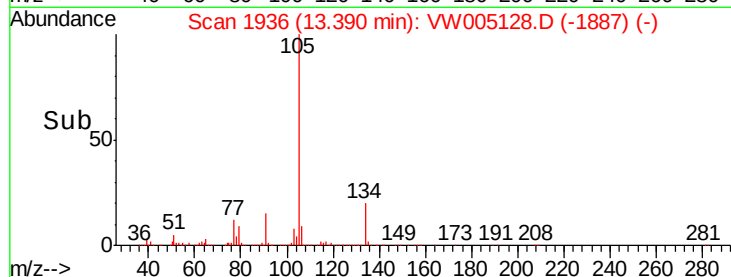
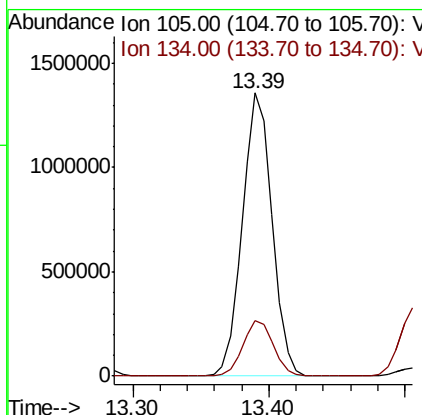
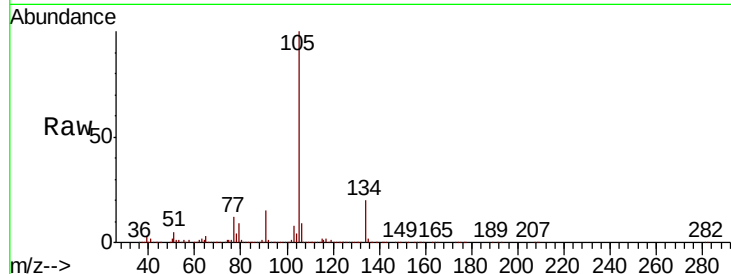




#85
 sec-Butylbenzene
 Concen: 59.66 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

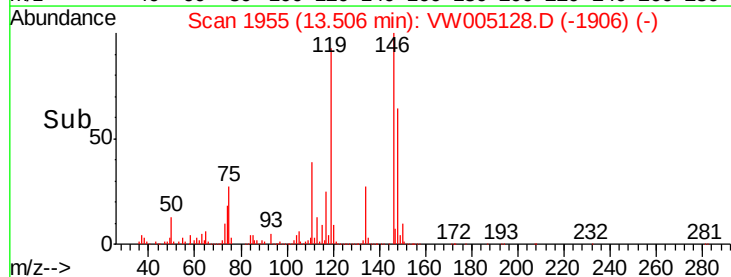
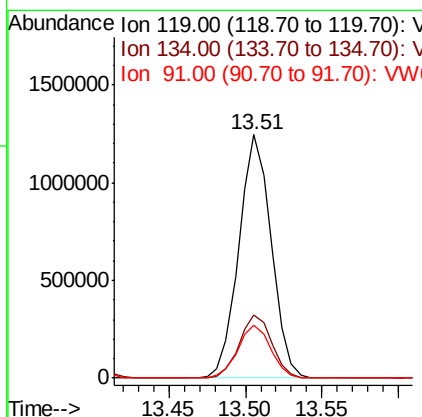
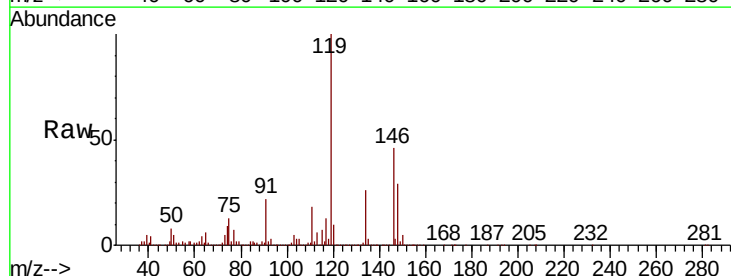
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

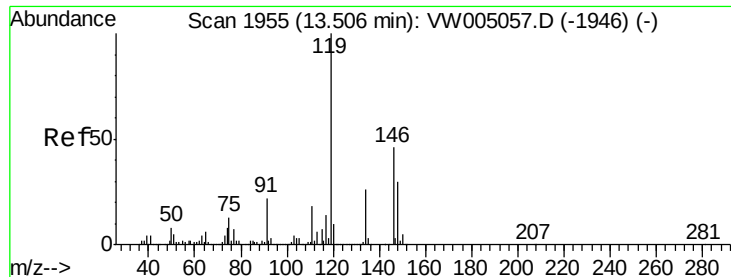
Tot Ion:105 Resp: 2065702
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 59.45 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion:119 Resp: 1821905
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.1 10.9 32.9

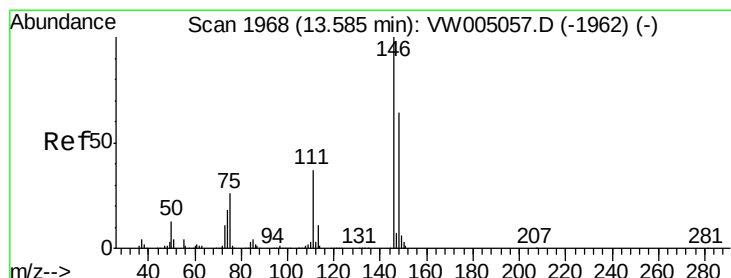
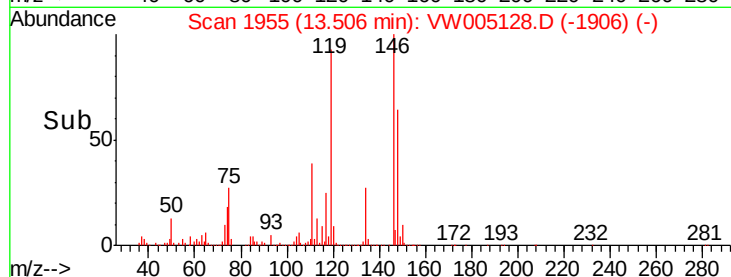
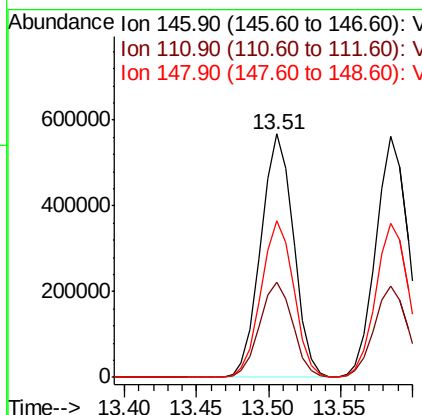
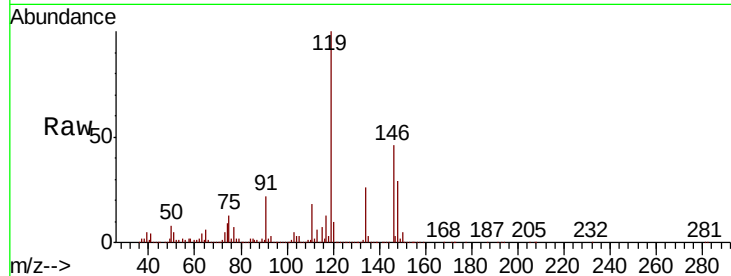




#87
 1,3-Dichlorobenzene
 Concen: 54.02 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

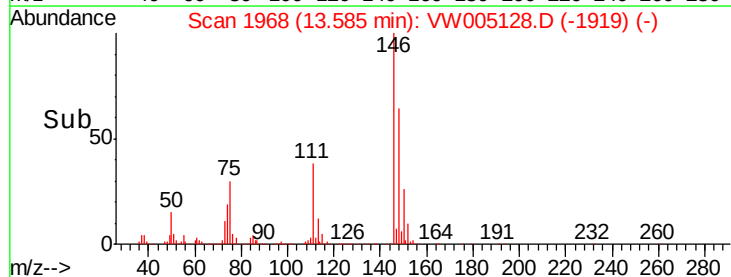
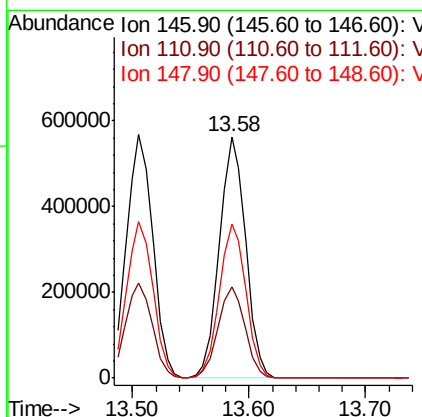
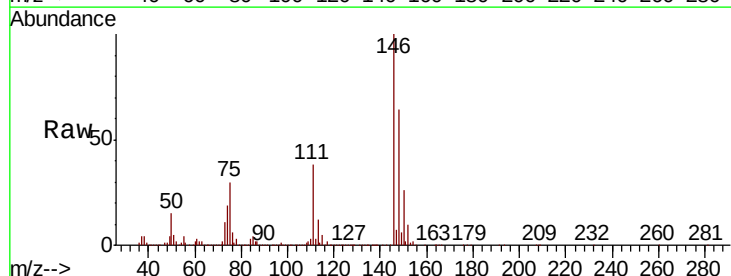
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

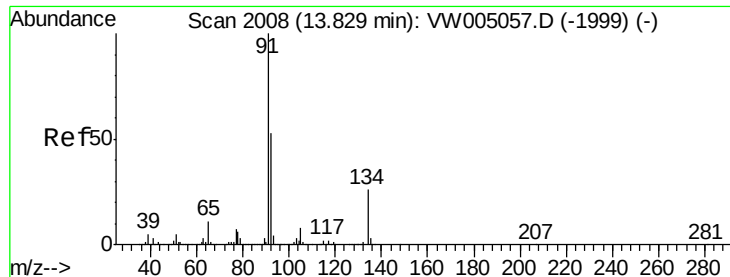
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.2	57.6
148	64.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 53.51 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	56.0
148	64.3	32.0	96.0





#89

n-Butylbenzene

Concen: 62.29 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

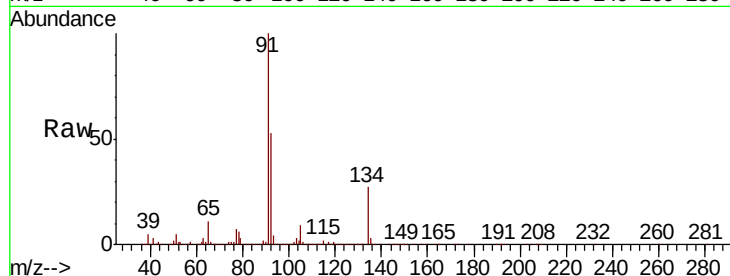
Tot Ion: 91 Resp: 1769310

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	26.2	13.5	40.4

91 100

92 52.8 26.5 79.5

134 26.2 13.5 40.4

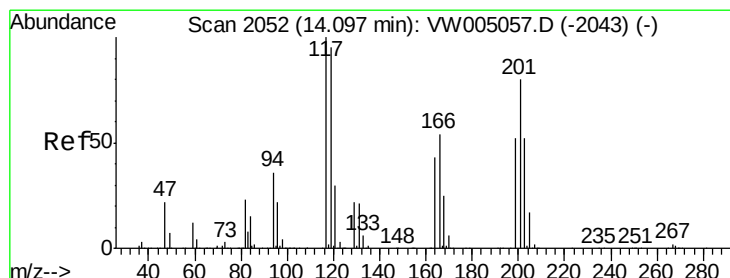
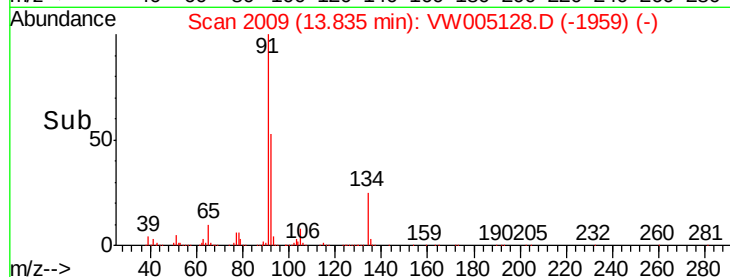
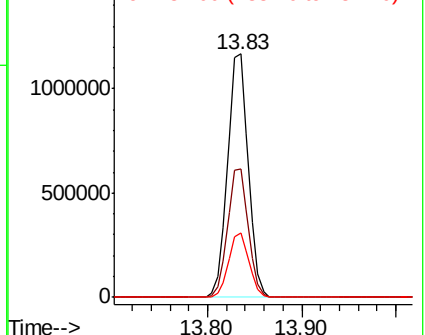


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 56.41 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW005128.D

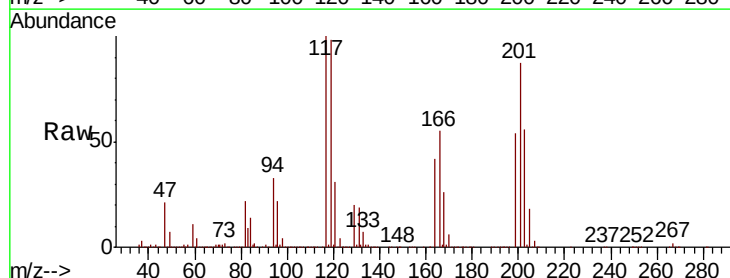
Acq: 05 Sep 2018 14:32

Tgt Ion: 117 Resp: 287165

Ion	Ratio	Lower	Upper
117	100		
201	83.5	44.6	133.8

117 100

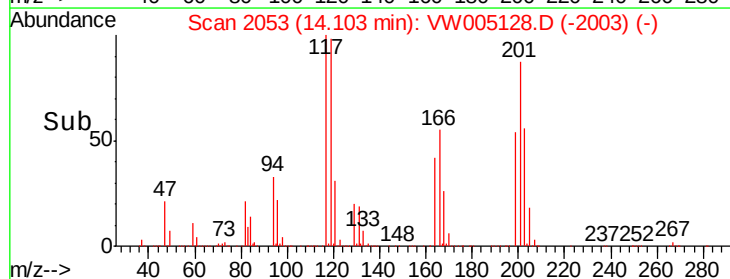
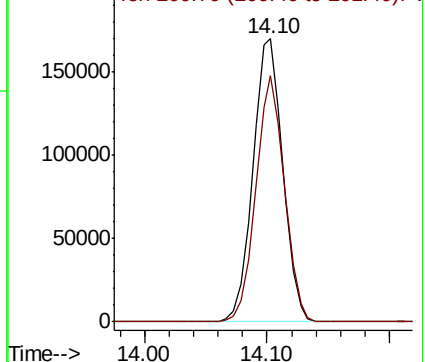
201 83.5 44.6 133.8

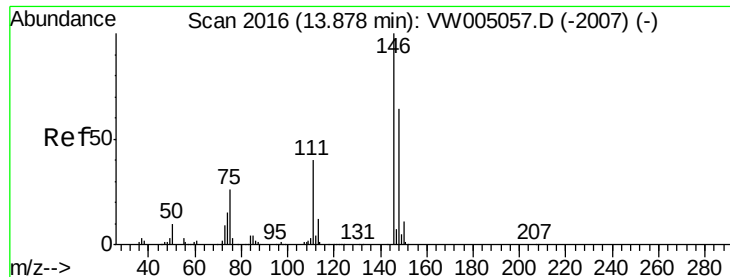


Abundance

Ion 116.80 (116.50 to 117.50): VW

Ion 200.70 (200.40 to 201.40): VW

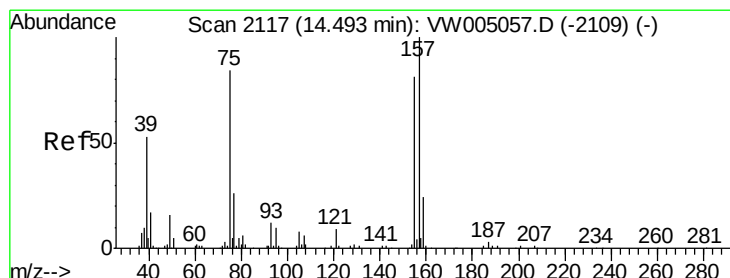
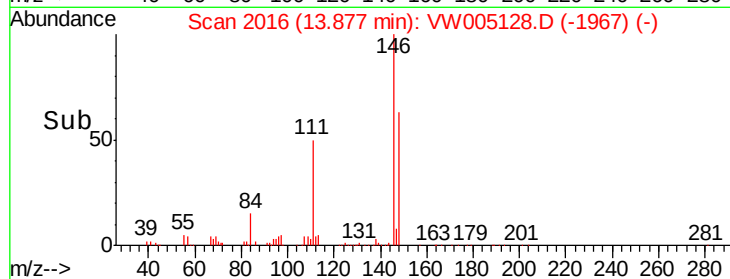
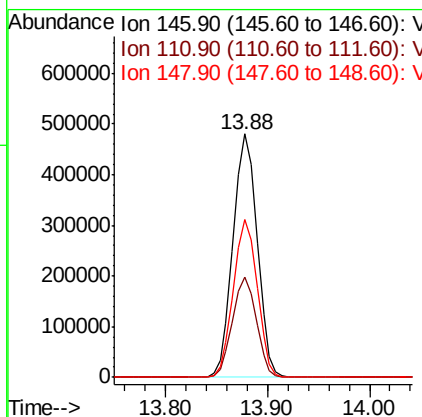
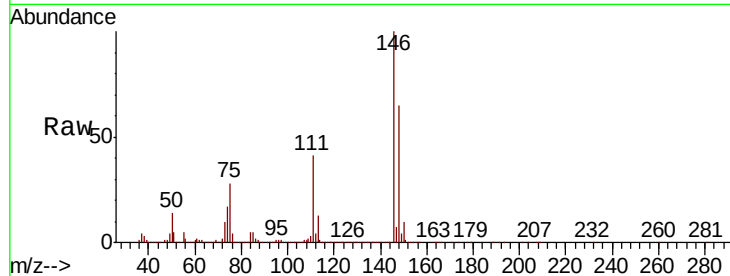




#91
 1,2-Dichlorobenzene
 Concen: 54.40 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

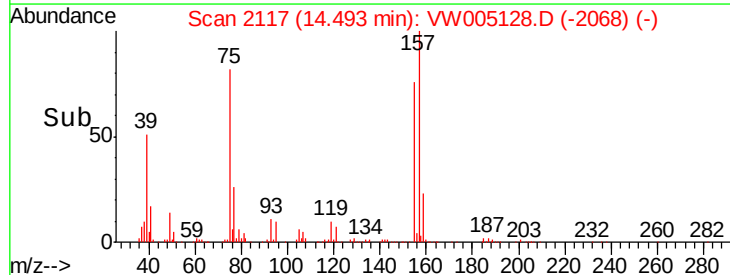
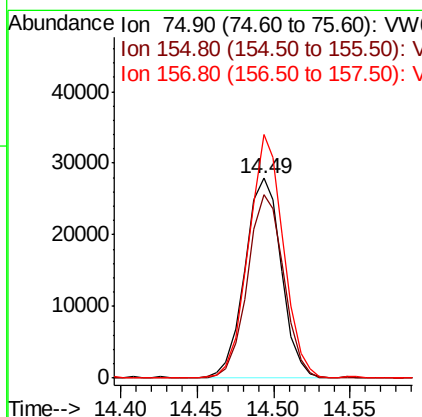
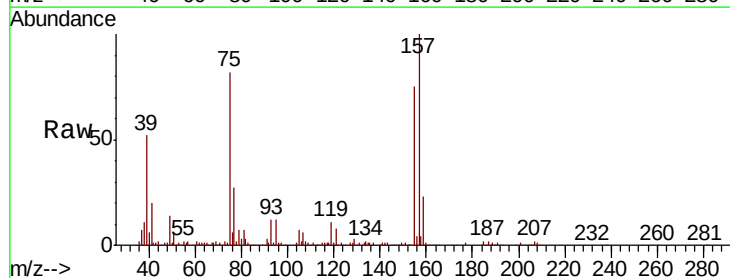
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

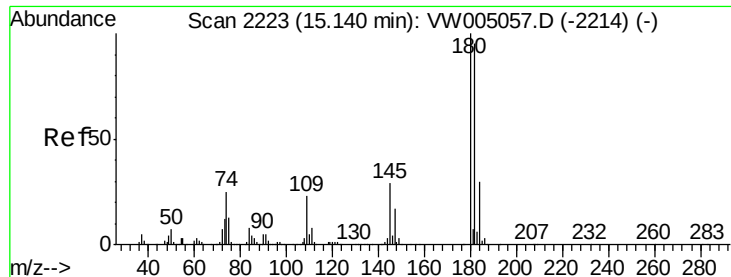
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.9	59.7
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.68 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	46.0	137.8
157	115.6	58.6	175.7

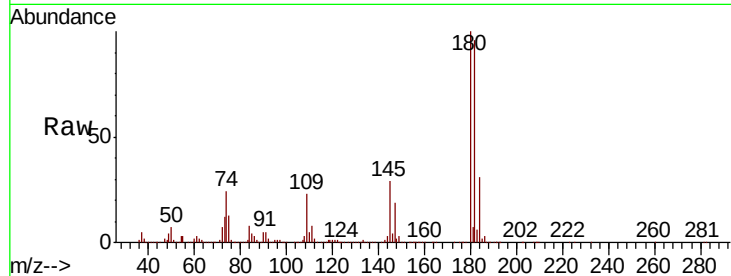




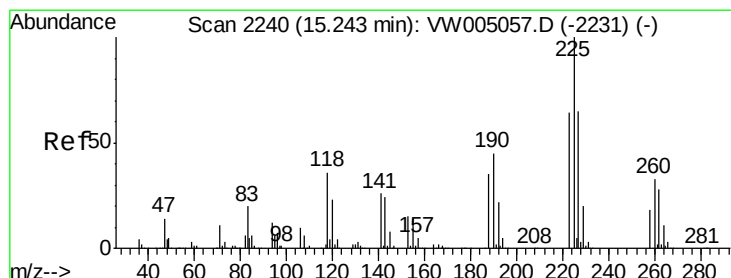
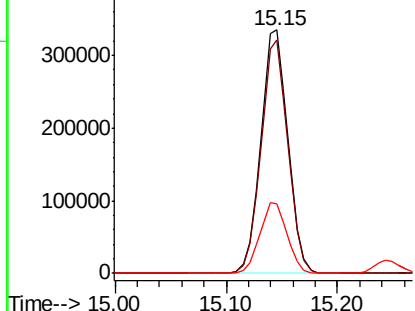
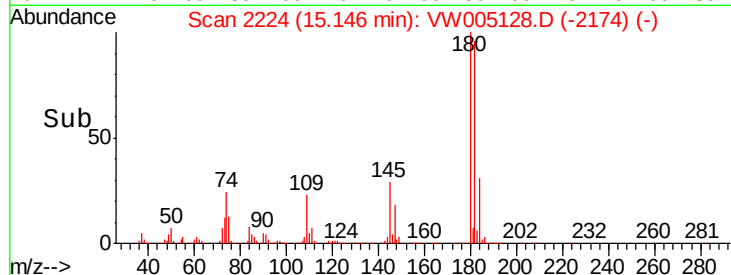
#93
 1,2,4-Trichlorobenzene
 Concen: 59.03 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 569593
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.5 142.6
 145 29.2 14.4 43.2

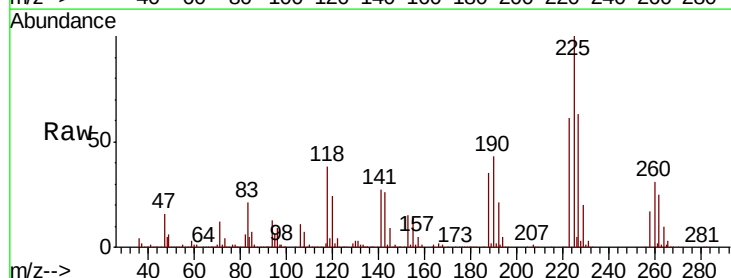


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

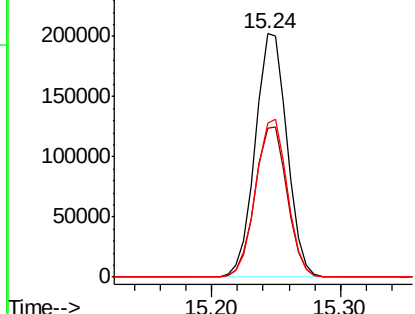
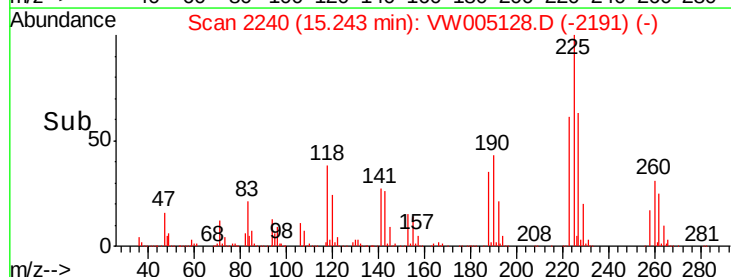


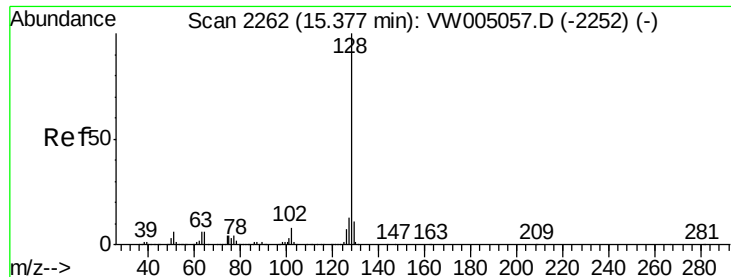
#94
 Hexachlorobutadiene
 Concen: 57.31 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion:225 Resp: 343976
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.3
 227 64.3 32.0 96.0



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

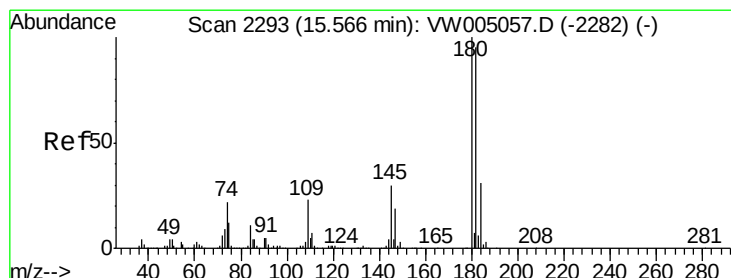
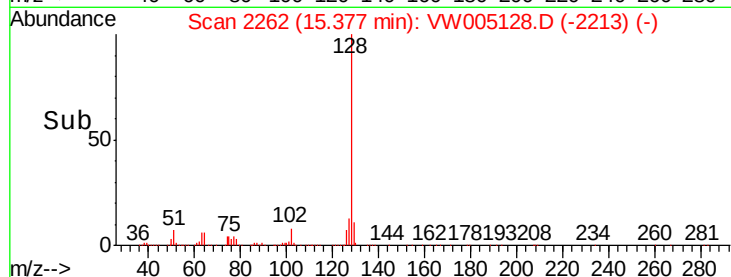
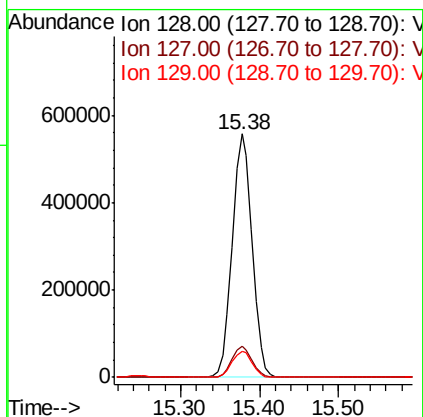
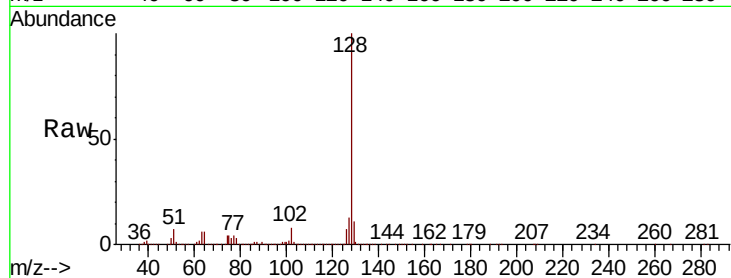




#95
Naphthalene
Concen: 57.90 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 977151
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 59.06 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion:180 Resp: 487732
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 31.0 15.4 46.1

