

Data File : VW004857.D
Acq On : 21 Aug 2018 22:02
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 22 05:21:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	645632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	976676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	915117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	480030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	309373	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	312476	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.33	98	1233471	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.62	95	450059	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	187560	43.857	ug/l	98
3) Chloromethane	2.22	50	242265	43.327	ug/l	100
4) Vinyl Chloride	2.37	62	406869	49.434	ug/l	98
5) Bromomethane	2.78	94	246453	48.485	ug/l	98
6) Chloroethane	2.93	64	247252	49.787	ug/l	100
7) Trichlorofluoromethane	3.26	101	181913	46.916	ug/l	100
8) Diethyl Ether	3.68	74	181678	51.823	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	334224	50.057	ug/l	100
10) Methyl Iodide	4.27	142	521417	51.422	ug/l	100
11) Tert butyl alcohol	5.21	59	84176	241.381	ug/l	99
12) 1,1-Dichloroethene	4.04	96	327535	49.228	ug/l	97
13) Acrolein	3.90	56	159834	341.549	ug/l	98
14) Allyl chloride	4.67	41	523772	51.874	ug/l	100
15) Acrylonitrile	5.38	53	381067	259.193	ug/l	100
16) Acetone	4.14	43	353974	222.147	ug/l	98
17) Carbon Disulfide	4.38	76	1071600	49.009	ug/l	100
18) Methyl Acetate	4.68	43	180468	52.851	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	468417	54.235	ug/l	98
20) Methylene Chloride	4.91	84	372735	51.349	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	361716	51.096	ug/l	98
22) Diisopropyl ether	6.32	45	1076461	55.467	ug/l	96
23) Vinyl Acetate	6.26	43	2953415	269.050	ug/l	99
24) 1,1-Dichloroethane	6.21	63	653532	51.820	ug/l	100
25) 2-Butanone	7.18	43	555540	244.696	ug/l	98
26) 2,2-Dichloropropane	7.17	77	350059	48.057	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	393218	51.596	ug/l	99
28) Bromochloromethane	7.51	49	285192	53.700	ug/l	98
29) Tetrahydrofuran	7.54	42	301871	260.752	ug/l	99
30) Chloroform	7.68	83	640726	51.657	ug/l	100
31) Cyclohexane	7.96	56	600669	49.241	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	503149	51.175	ug/l	99
36) 1,1-Dichloropropene	8.09	75	507615	50.451	ug/l	100
37) Ethyl Acetate	7.26	43	207644	51.771	ug/l	99
38) Carbon Tetrachloride	8.07	117	460024	49.670	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	648747	51.559	ug/l	99
40) Benzene	8.32	78	1501336	51.344	ug/l	100
41) Methacrylonitrile	7.49	41	129996	57.111	ug/l	97
42) 1,2-Dichloroethane	8.40	62	386738	51.578	ug/l	100
43) Isopropyl Acetate	8.43	43	376960	52.324	ug/l	100
44) Trichloroethene	9.09	130	371523	50.053	ug/l	97
45) 1,2-Dichloropropane	9.37	63	370919	51.859	ug/l	100
46) Dibromomethane	9.46	93	180129	50.834	ug/l	99
47) Bromodichloromethane	9.65	83	436121	51.535	ug/l	99
48) Methyl methacrylate	9.44	41	182721	54.051	ug/l	100
49) 1,4-Dioxane	9.48	88	56719	1095.604	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1298141	266.613	ug/l	100
52) Toluene	10.39	92	916338	52.252	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	437941	51.365	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	524163	51.568	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	260812	51.780	ug/l	99
56) Ethyl methacrylate	10.65	69	326559	49.649	ug/l	99
57) 1,3-Dichloropropane	10.93	76	453308	52.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	774617	278.470	ug/l	100
59) 2-Hexanone	10.98	43	868180	263.159	ug/l	100
60) Dibromochloromethane	11.13	129	293091	51.864	ug/l	100
61) 1,2-Dibromoethane	11.24	107	246707	51.241	ug/l	99
64) Tetrachloroethene	10.87	164	323210	51.680	ug/l	98
65) Chlorobenzene	11.66	112	1003408	50.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	342739	51.536	ug/l	98
67) Ethyl Benzene	11.74	91	1768808	52.973	ug/l	99
68) m/p-Xylenes	11.84	106	1376676	105.973	ug/l	100
69) o-Xylene	12.17	106	646662	53.771	ug/l	99
70) Styrene	12.18	104	1097109	54.309	ug/l	100
71) Bromoform	12.35	173	176798	50.367	ug/l #	97
73) Isopropylbenzene	12.47	105	1774727	54.344	ug/l	100
74) N-amyl acetate	12.28	43	367710	48.230	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	314034	51.910	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	402121	95.029	ug/l #	100
77) Bromobenzene	12.75	156	414892	52.487	ug/l	100
78) n-propylbenzene	12.81	91	2159120	54.181	ug/l	100
79) 2-Chlorotoluene	12.90	91	1230160	53.555	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1522111	54.863	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	93277	51.234	ug/l	99
82) 4-Chlorotoluene	12.99	91	1294357	53.035	ug/l	99
83) tert-Butylbenzene	13.21	119	1295434	54.590	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1559452	54.633	ug/l	99
85) sec-Butylbenzene	13.39	105	1908332	53.862	ug/l	100
86) p-Isopropyltoluene	13.51	119	1679129	54.469	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	838943	52.178	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	820724	51.065	ug/l	100
89) n-Butylbenzene	13.83	91	1577111	52.913	ug/l	99
90) Hexachloroethane	14.10	117	291636	51.900	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	750414	51.962	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	49624	52.486	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082118\
Quantitation Report (Not Reviewed)

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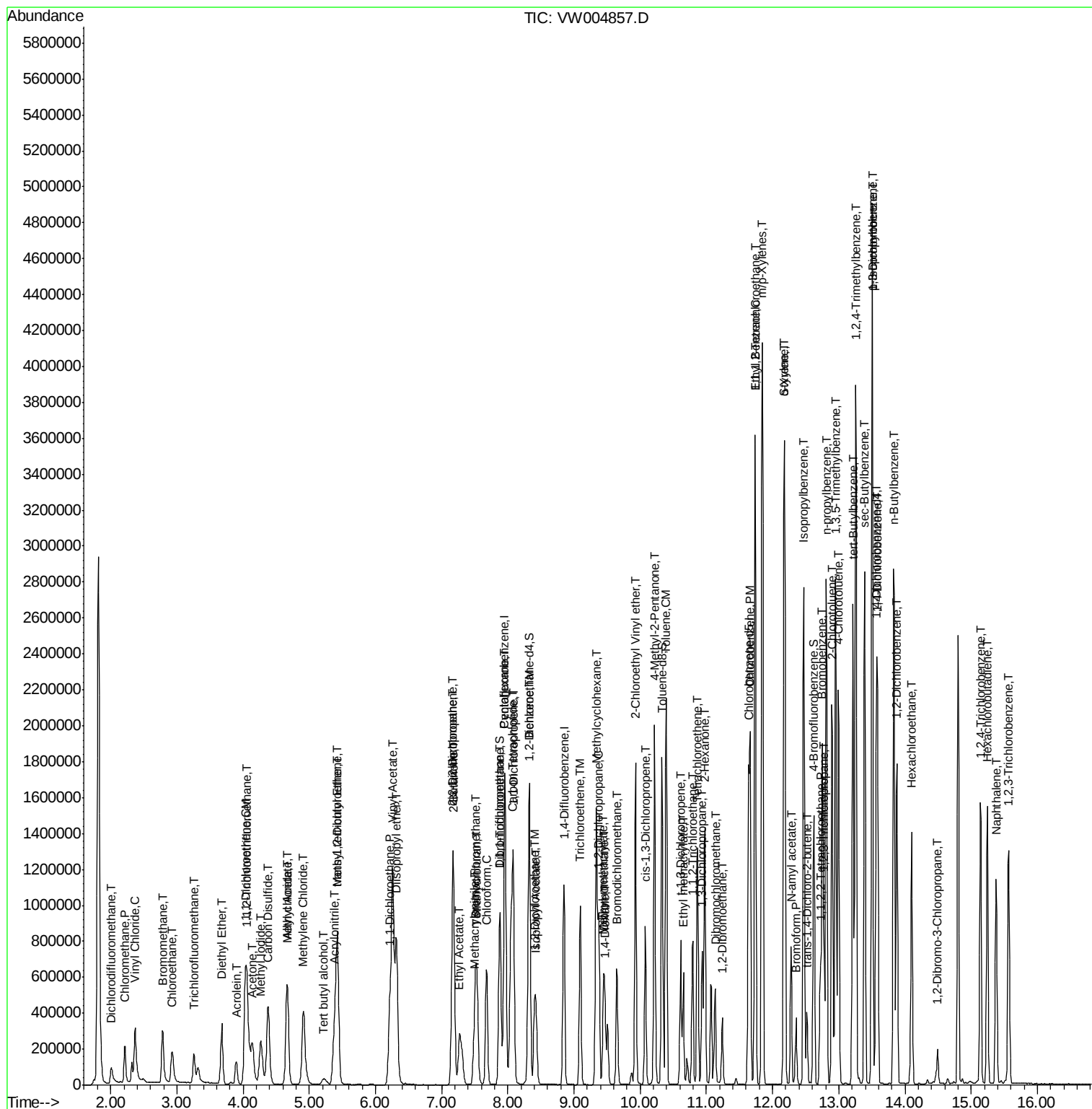
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	532000	52.084	ug/l	99
94) Hexachlorobutadiene	15.24	225	322659	51.465	ug/l	100
95) Naphthalene	15.38	128	976540	49.389	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	479869	52.978	ug/l	100

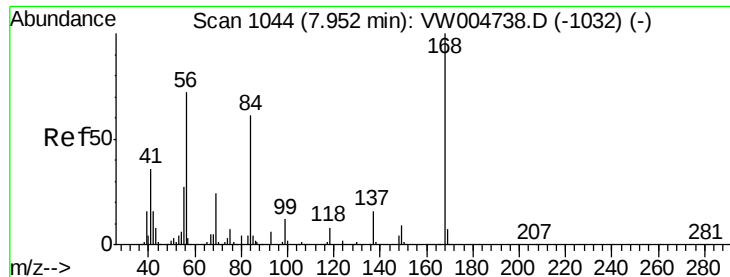
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

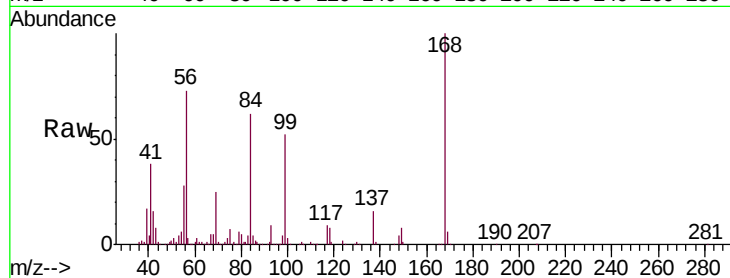
VSTDCCC050EC

Tgt Ion:168 Resp: 645632

Ion Ratio Lower Upper

168 100

99 51.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

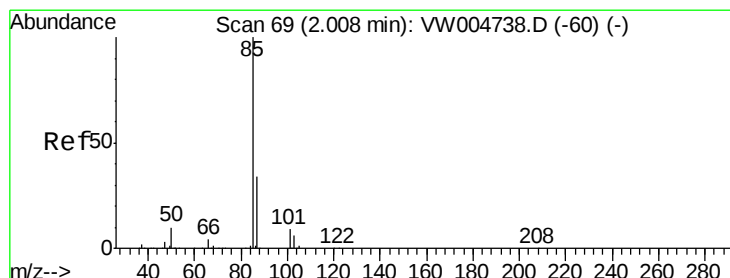
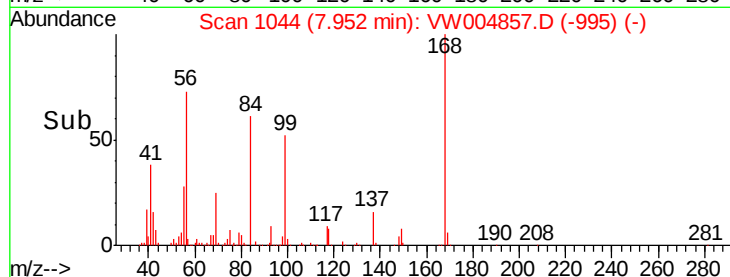
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 43.857 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004857.D

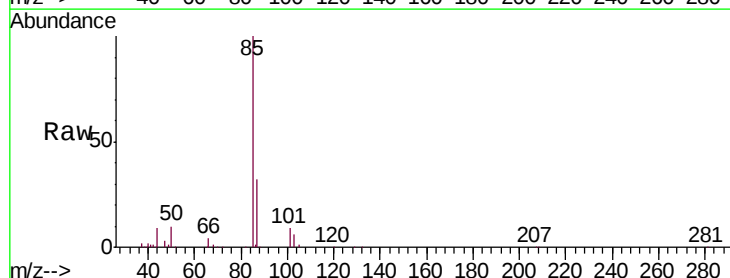
Acq: 21 Aug 2018 22:02

Tgt Ion: 85 Resp: 187560

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

30000

20000

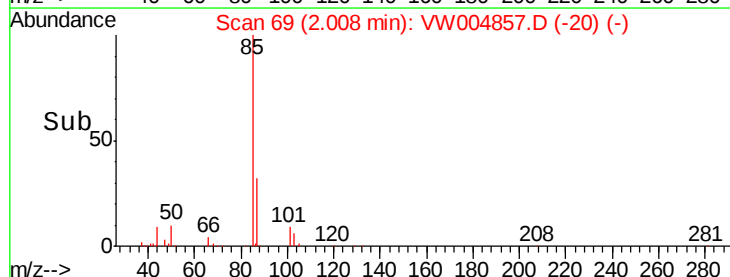
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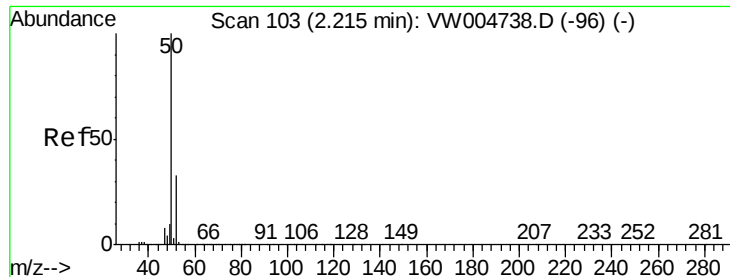
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 43.327 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

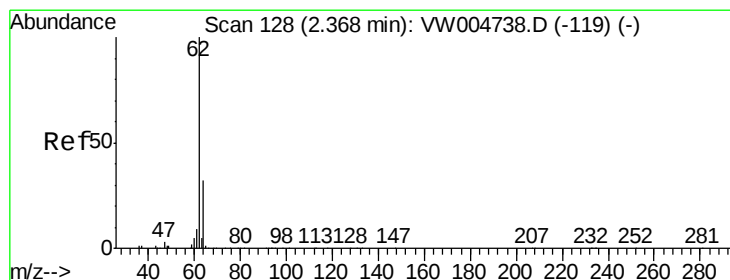
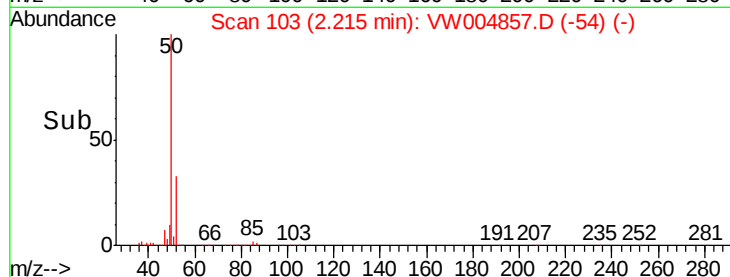
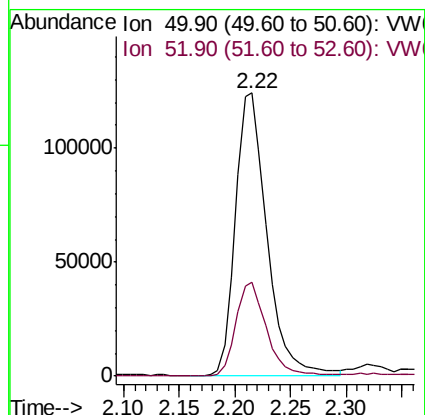
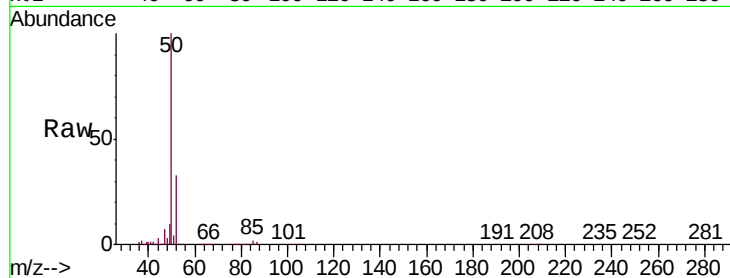
VSTDCCC050EC

Tgt Ion: 50 Resp: 242265

Ion Ratio Lower Upper

50 100

52 33.3 26.7 40.1



#4

Vinyl Chloride

Concen: 49.434 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004857.D

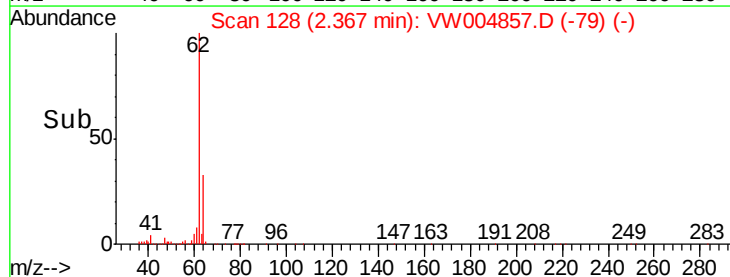
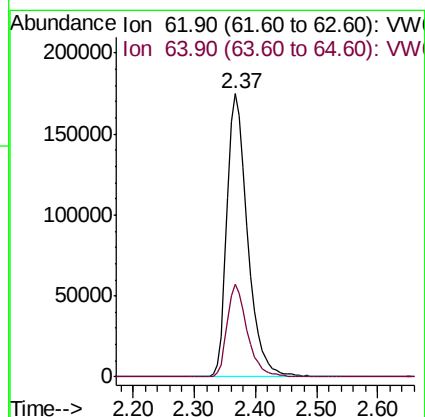
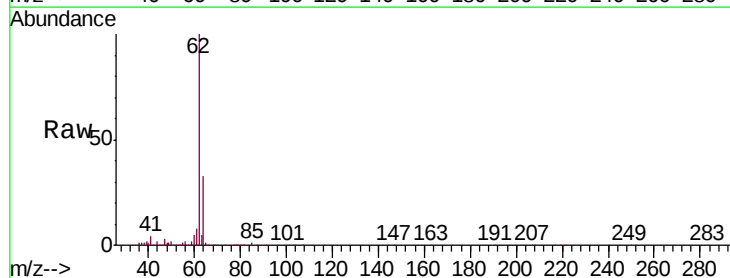
Acq: 21 Aug 2018 22:02

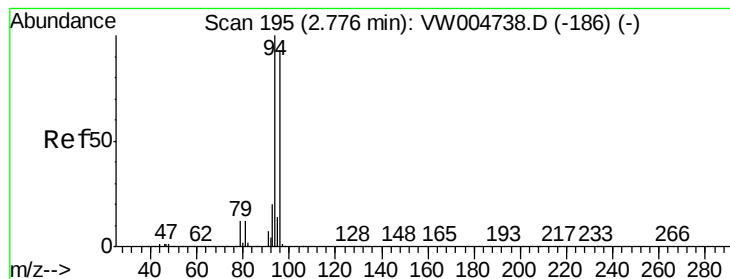
Tgt Ion: 62 Resp: 406869

Ion Ratio Lower Upper

62 100

64 32.7 25.2 37.8





#5

Bromomethane

Concen: 48.485 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

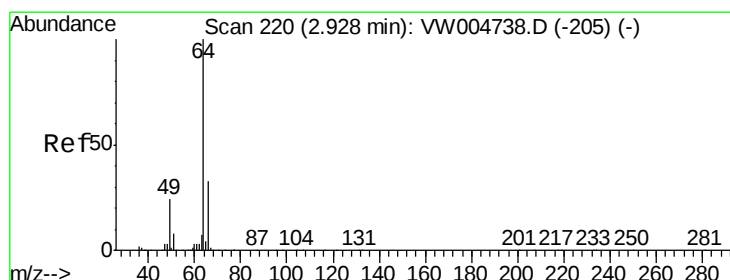
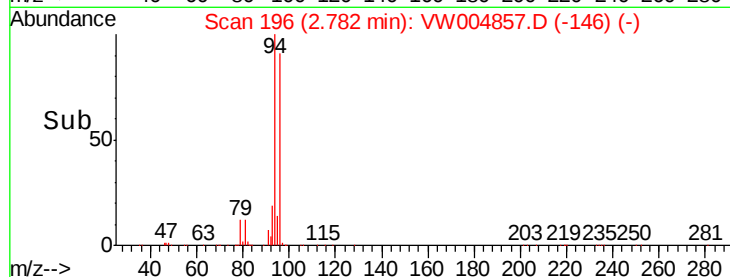
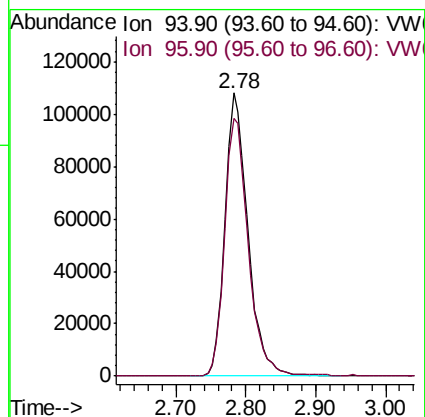
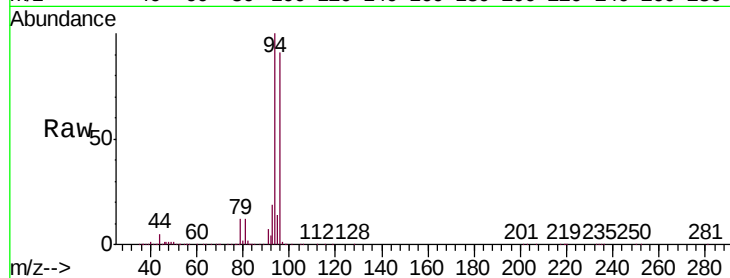
VSTDCCC050EC

Tgt Ion: 94 Resp: 246453

Ion Ratio Lower Upper

94 100

96 91.2 74.3 111.5



#6

Chloroethane

Concen: 49.787 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004857.D

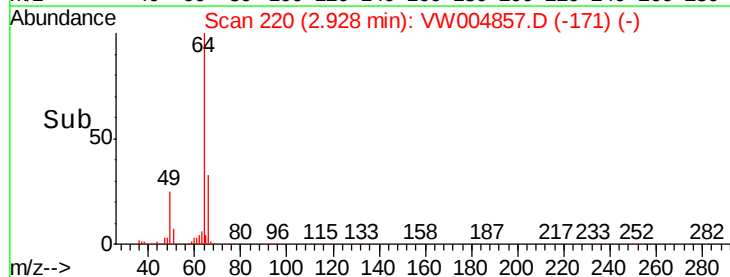
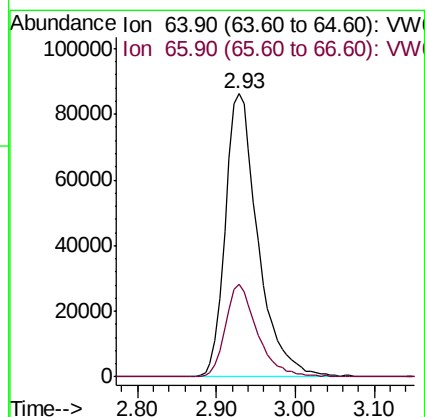
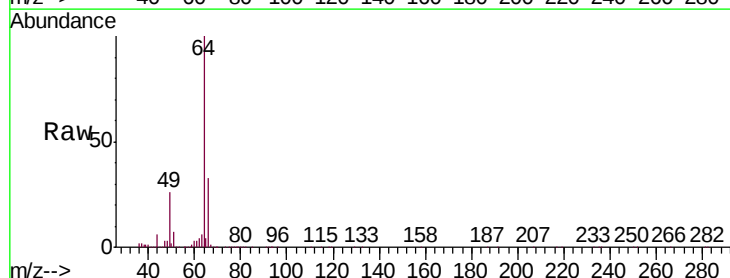
Acq: 21 Aug 2018 22:02

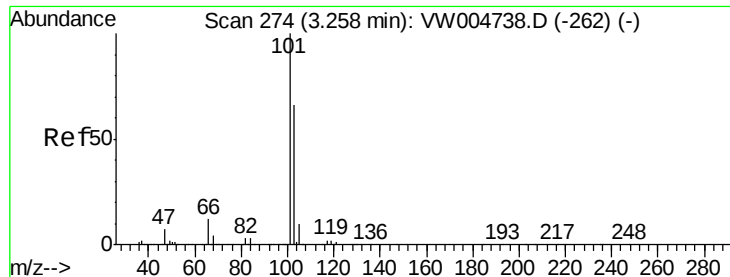
Tgt Ion: 64 Resp: 247252

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1



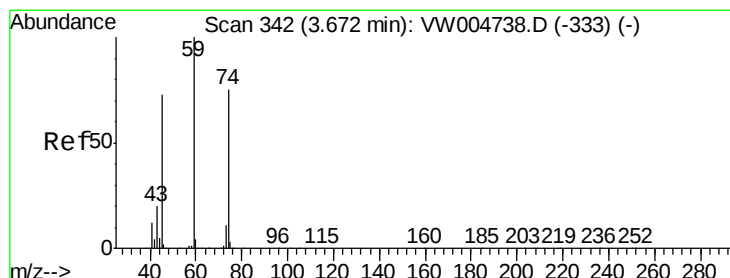
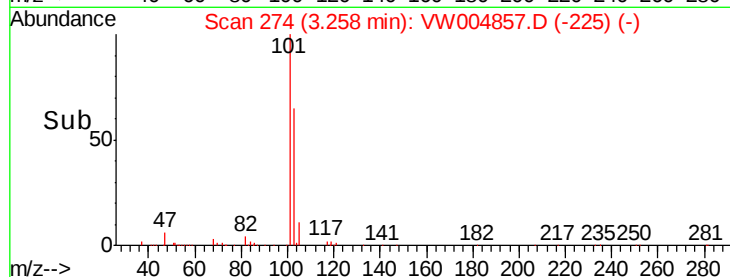
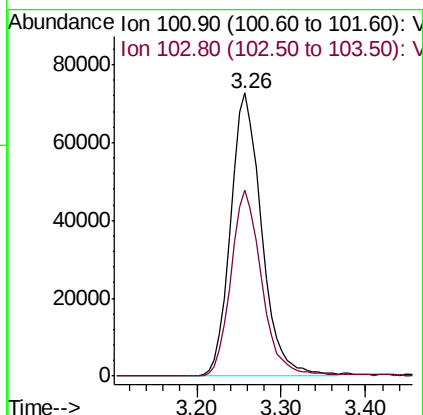
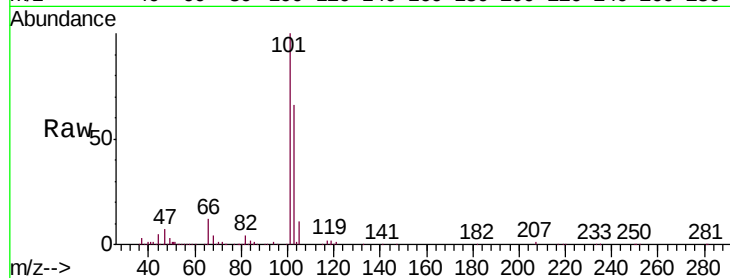


#7

Trichlorofluoromethane
 Concen: 46.916 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004857.D
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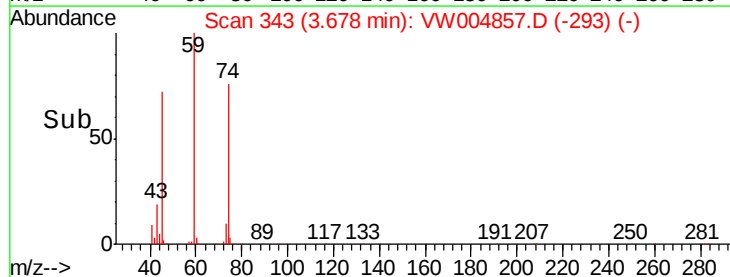
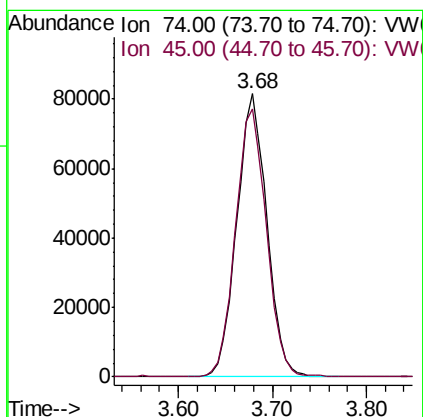
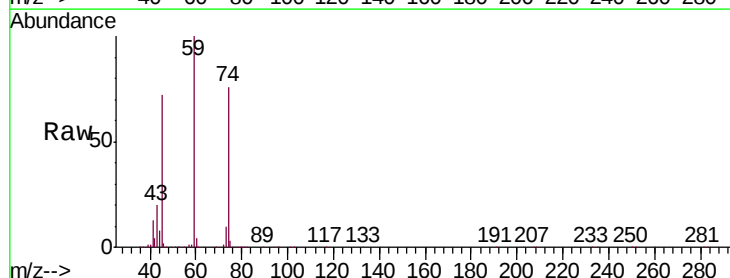
Tgt Ion: 101 Resp: 181913
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7

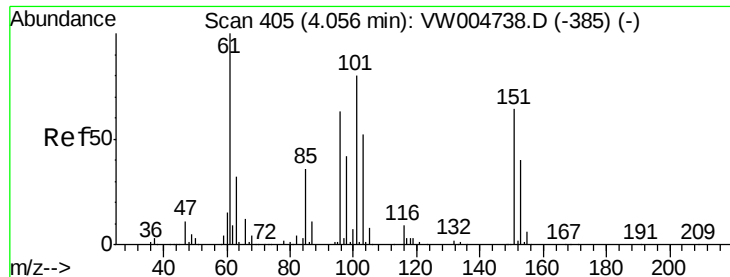


#8

Diethyl Ether
 Concen: 51.823 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion: 74 Resp: 181678
 Ion Ratio Lower Upper
 74 100
 45 96.9 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.057 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004857.D

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MSVOA_W

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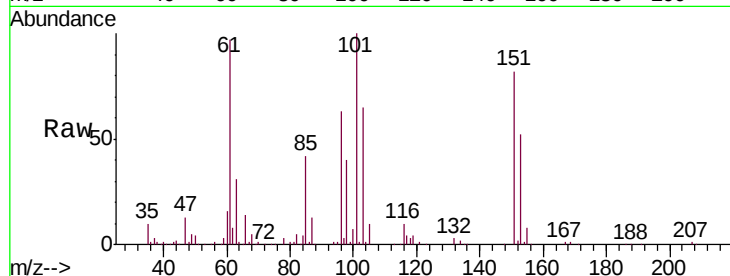
Tgt Ion:101 Resp: 334224

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

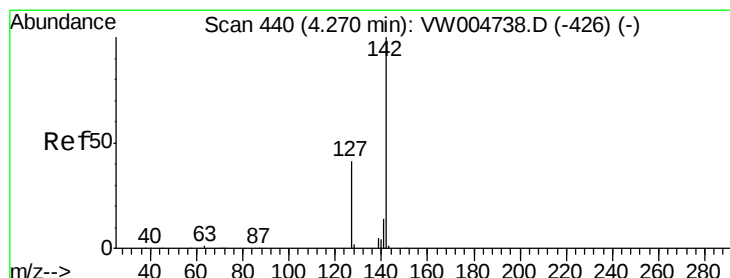
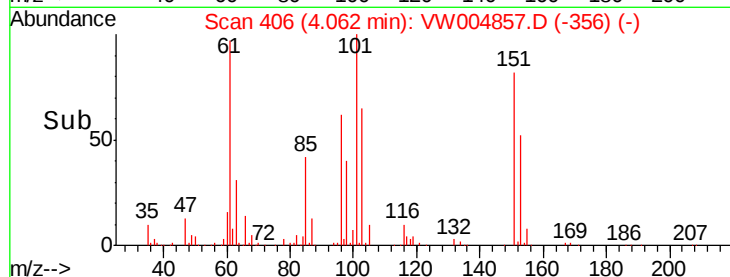
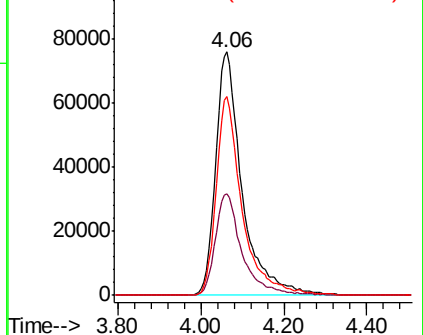
151 79.7 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.422 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

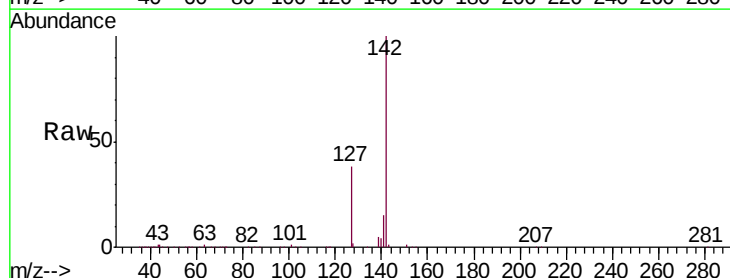
Tgt Ion:142 Resp: 521417

Ion Ratio Lower Upper

142 100

127 39.8 32.1 48.1

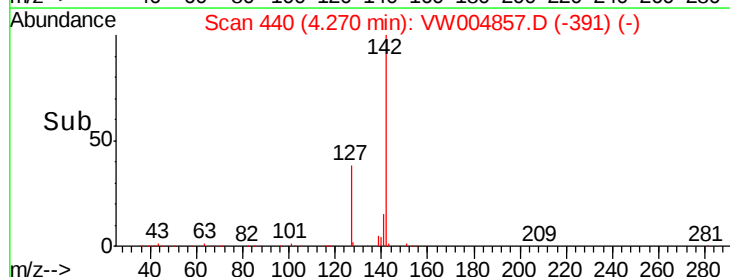
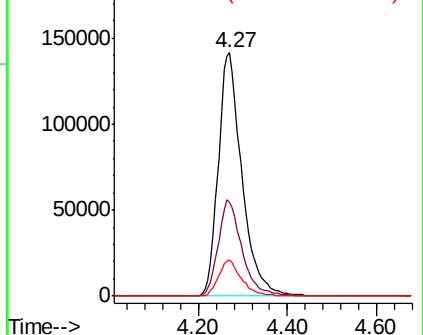
141 14.5 11.7 17.5

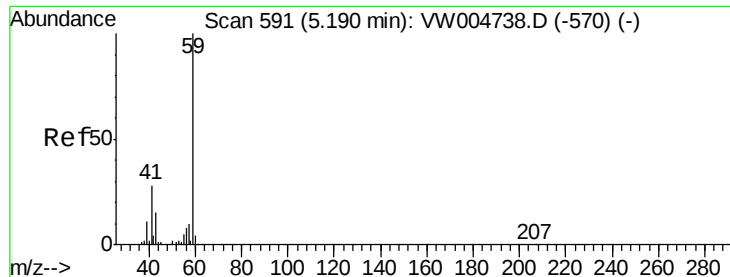


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

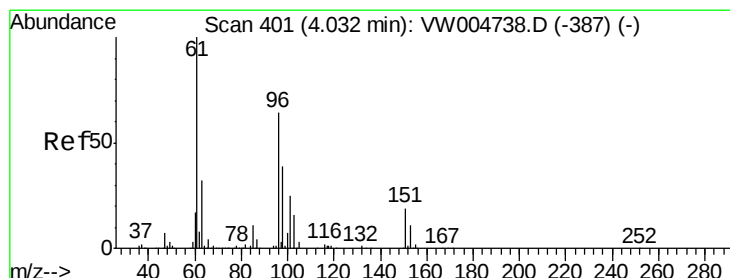
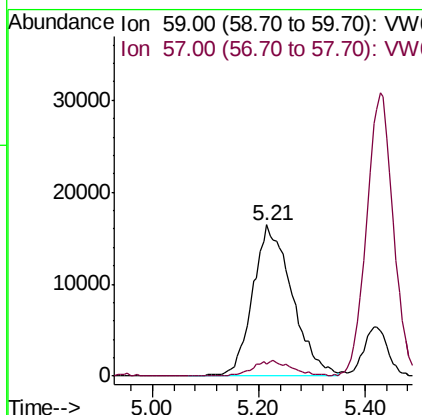
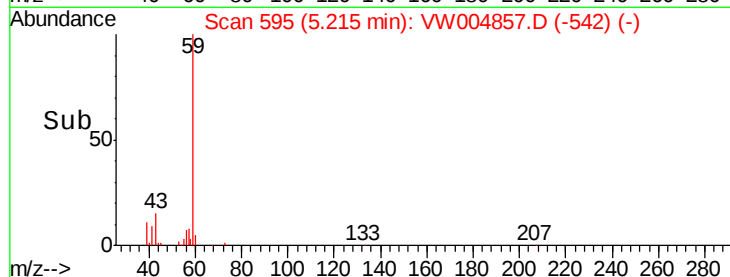
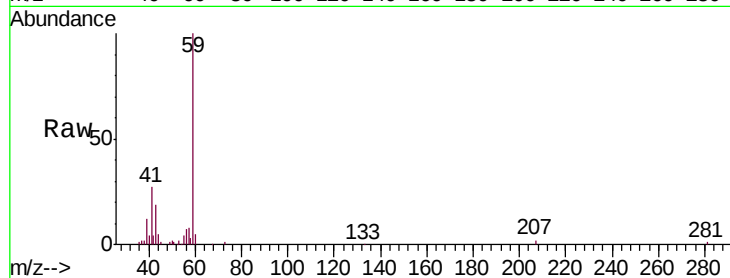




#11
Tert butyl alcohol
Concen: 241.381 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.02 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

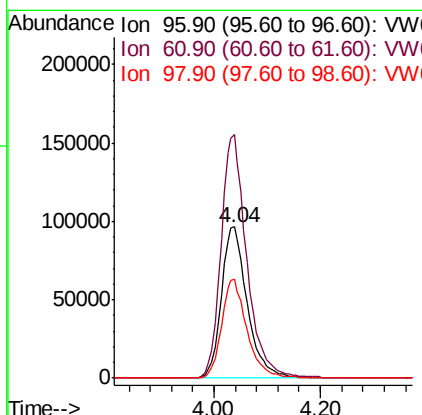
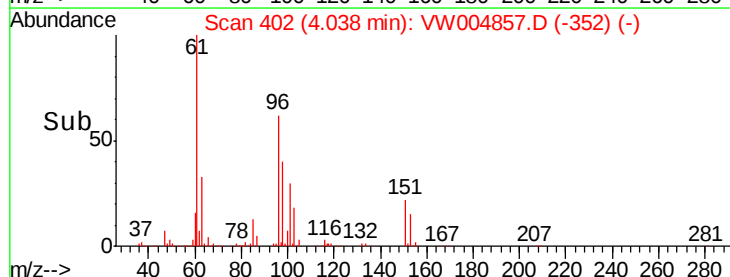
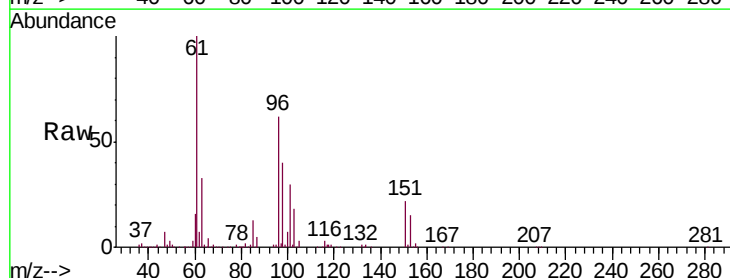
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

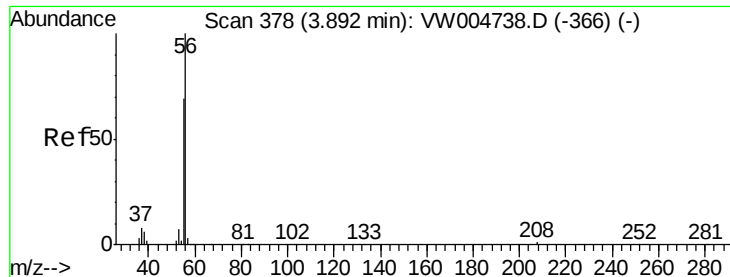
Tgt Ion: 59 Resp: 84176
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 49.228 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 96 Resp: 327535
Ion Ratio Lower Upper
96 100
61 160.8 125.6 188.4
98 65.1 49.4 74.0

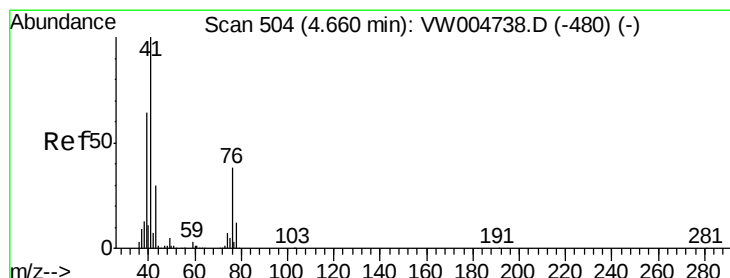
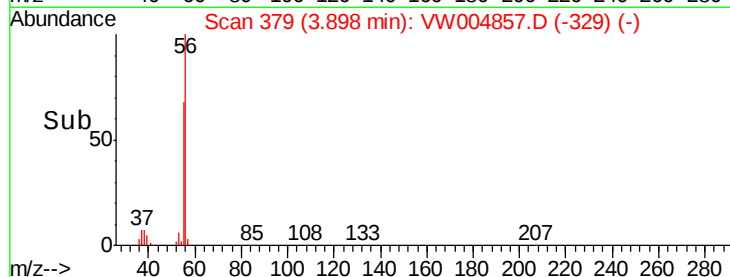
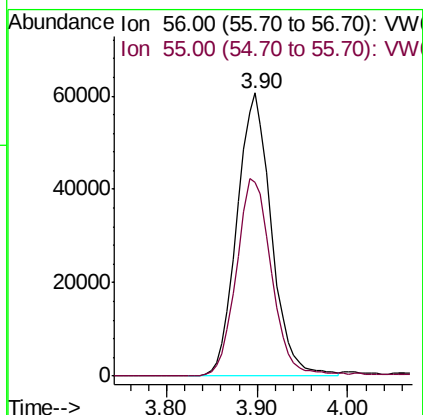
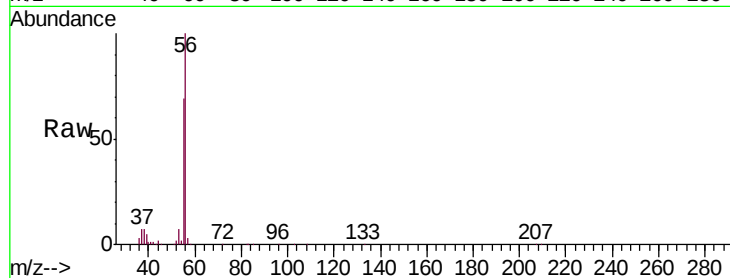




#13
Acrolein
Concen: 341.549 ug/l
RT: 3.90 min Scan# 379
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

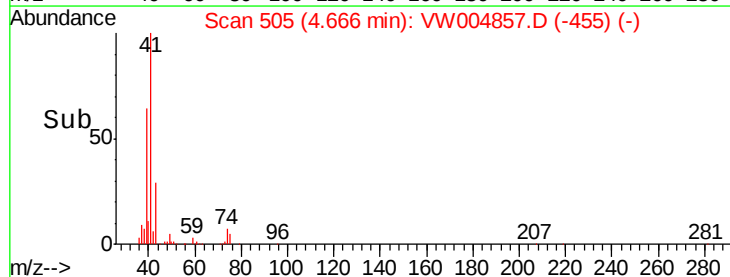
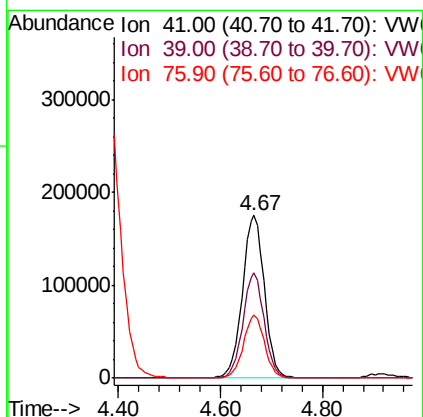
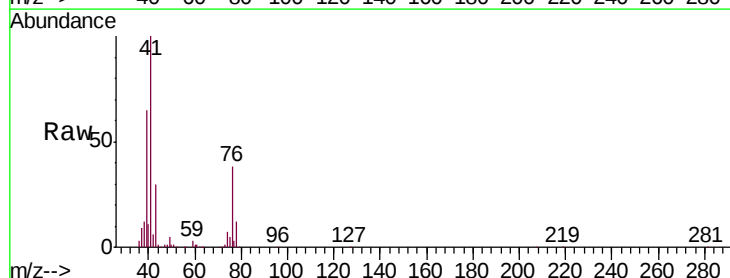
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

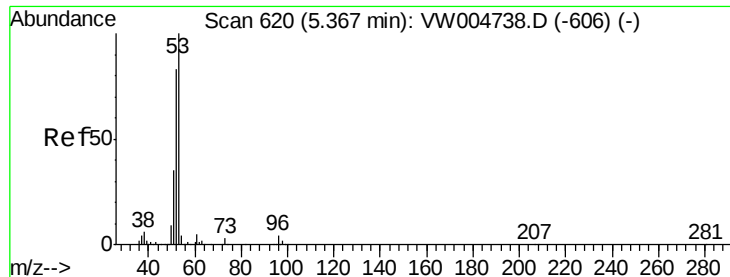
Tgt Ion: 56 Resp: 159834
Ion Ratio Lower Upper
56 100
55 72.1 56.1 84.1



#14
Allyl chloride
Concen: 51.874 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 41 Resp: 523772
Ion Ratio Lower Upper
41 100
39 62.3 50.0 75.0
76 37.0 29.8 44.6

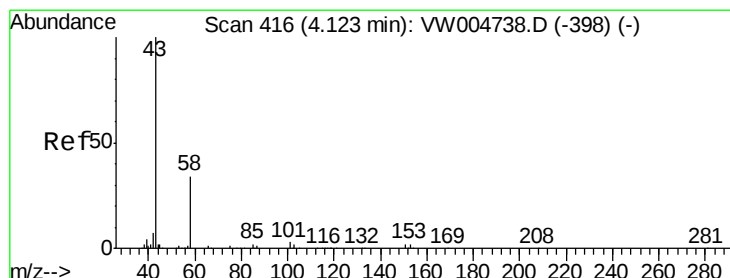
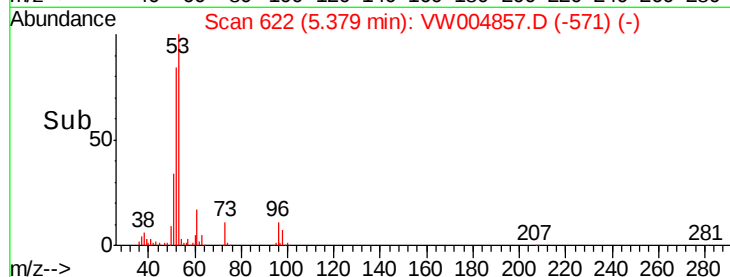
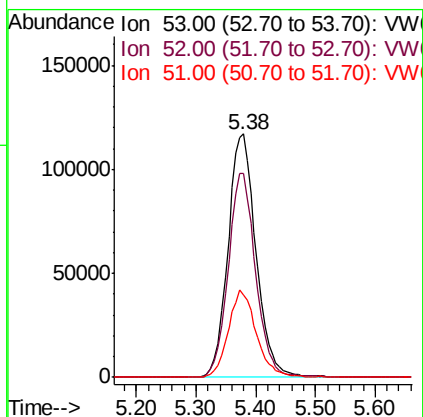
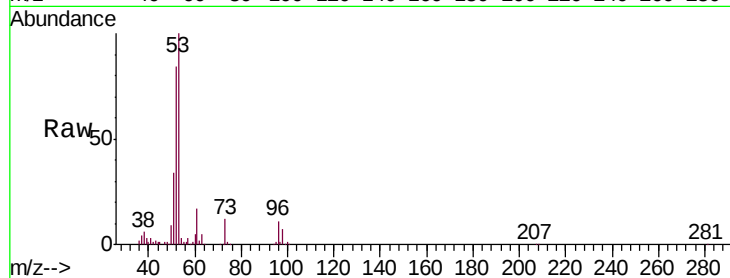




#15
 Acrylonitrile
 Concen: 259.193 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

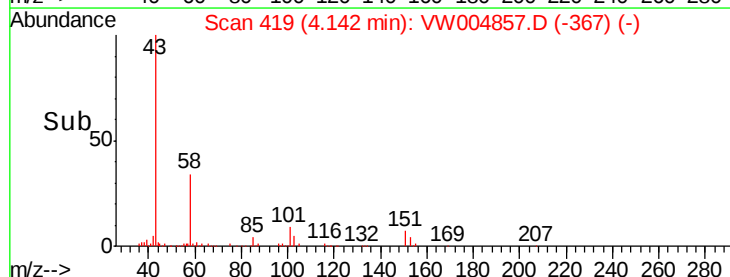
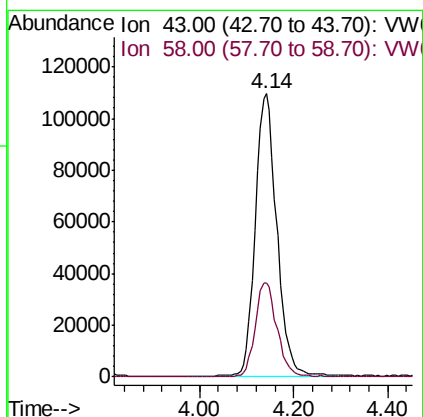
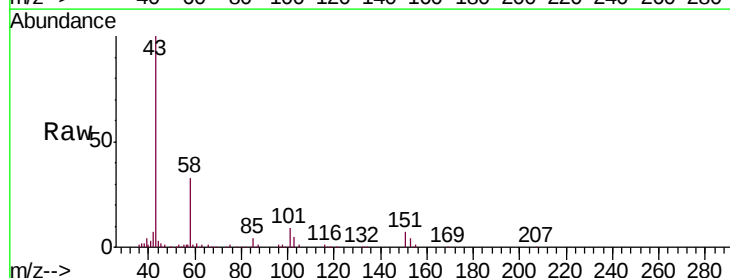
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

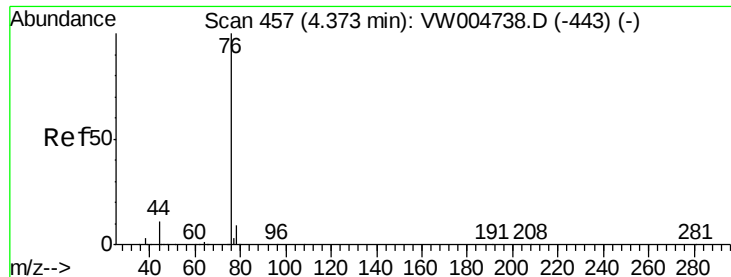
Tgt Ion: 53 Resp: 381067
 Ion Ratio Lower Upper
 53 100
 52 82.2 65.8 98.6
 51 36.0 28.7 43.1



#16
 Acetone
 Concen: 222.147 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.02 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion: 43 Resp: 353974
 Ion Ratio Lower Upper
 43 100
 58 33.2 27.3 40.9

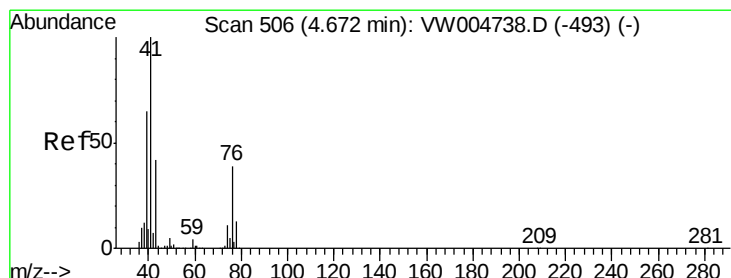
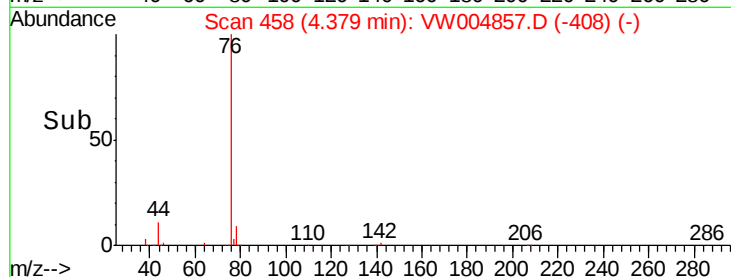
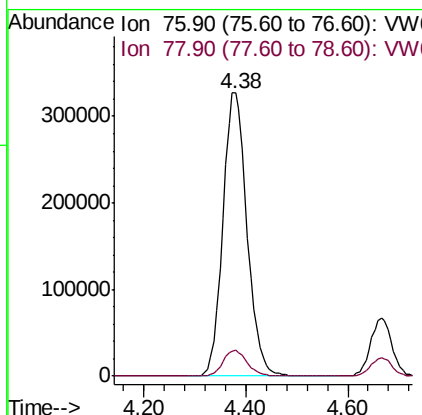
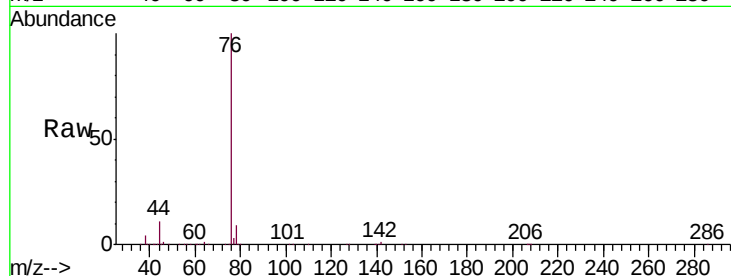




#17
Carbon Disulfide
Concen: 49.009 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

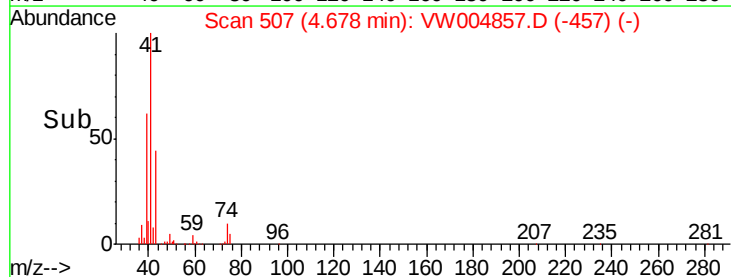
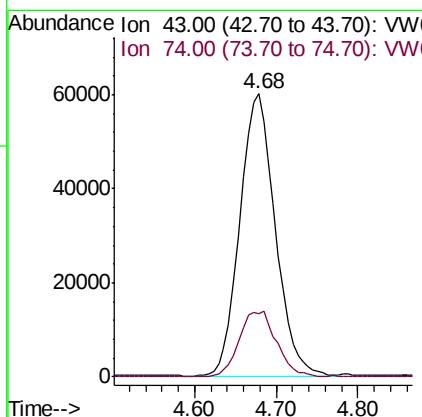
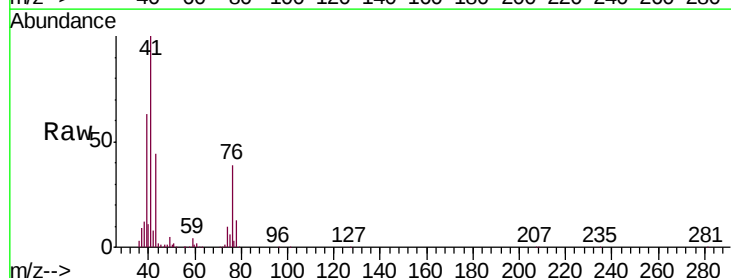
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

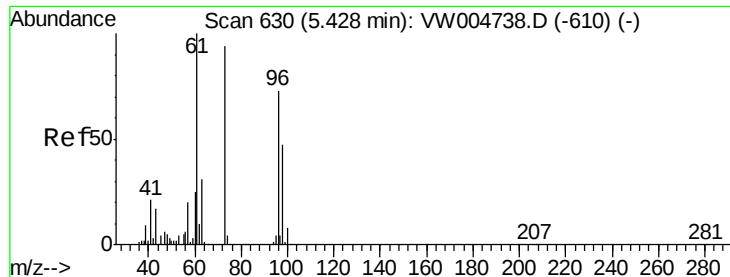
Tgt Ion: 76 Resp: 1071600
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 52.851 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 43 Resp: 180468
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 54.235 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

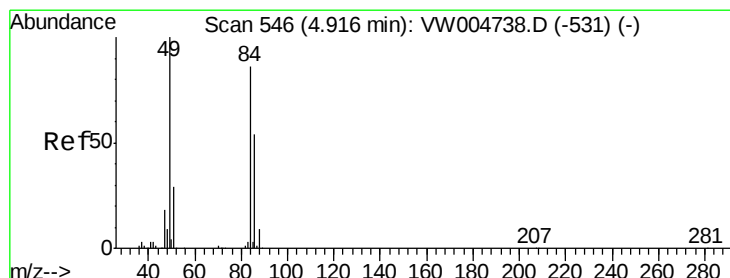
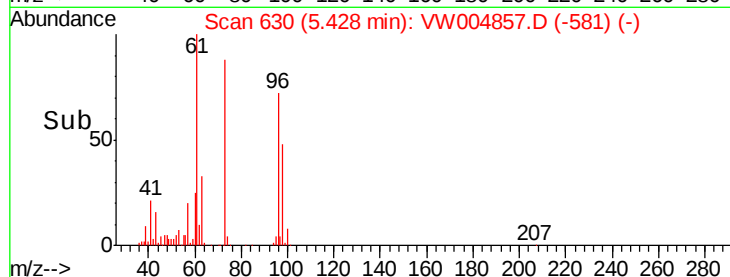
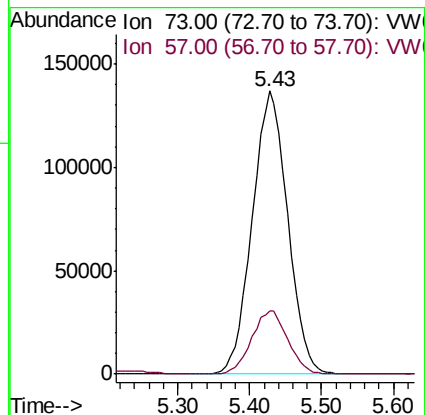
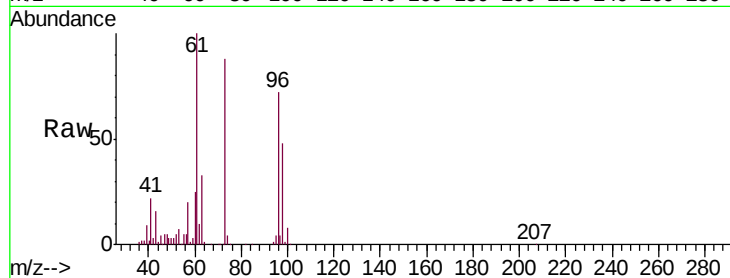
VSTDCCC050EC

Tgt Ion: 73 Resp: 468417

Ion Ratio Lower Upper

73 100

57 22.4 17.3 25.9



#20

Methylene Chloride

Concen: 51.349 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion: 84 Resp: 372735

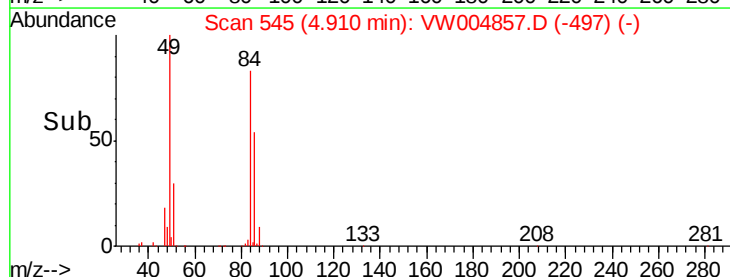
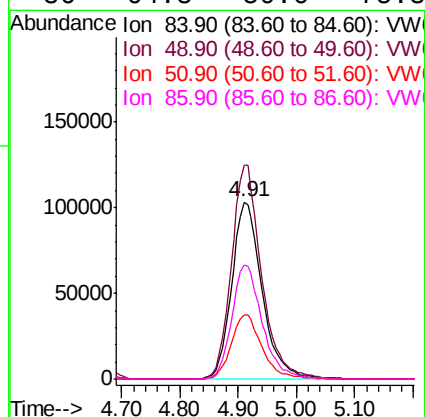
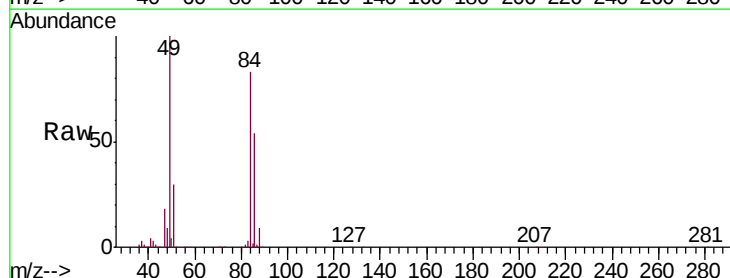
Ion Ratio Lower Upper

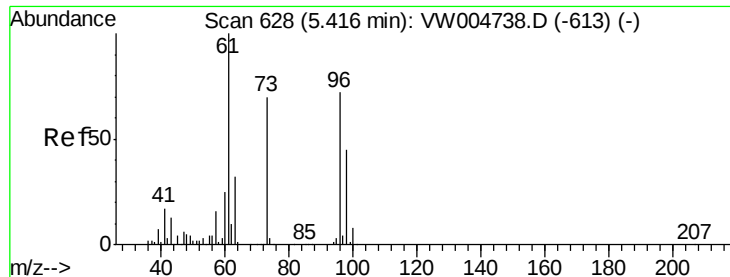
84 100

49 120.8 93.2 139.8

51 36.4 27.4 41.0

86 64.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 51.096 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

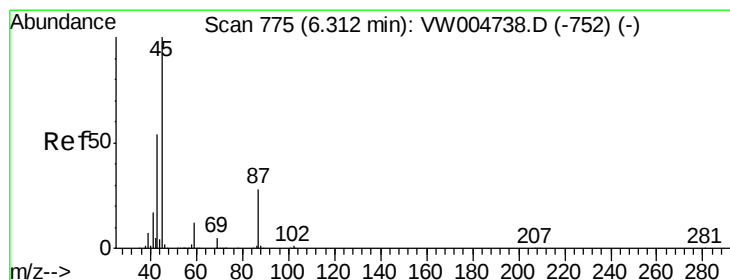
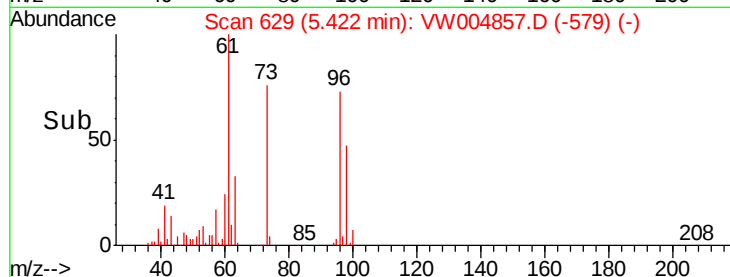
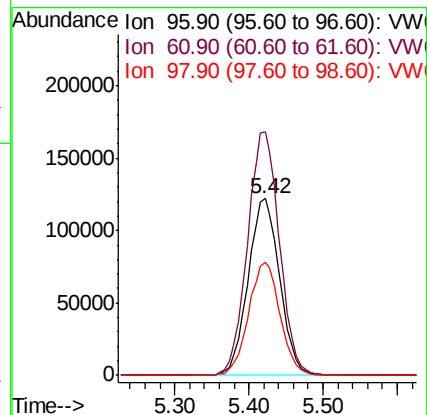
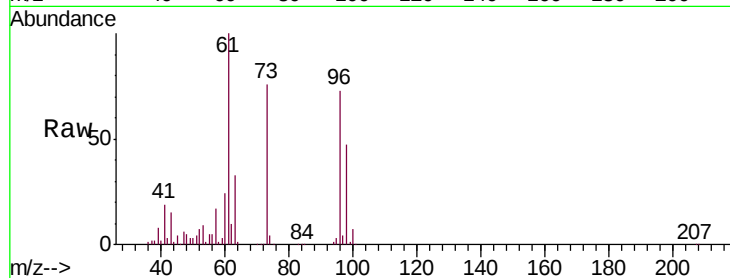
Tgt Ion: 96 Resp: 361716

Ion Ratio Lower Upper

96 100

61 137.9 111.4 167.0

98 64.3 49.7 74.5



#22

Diisopropyl ether

Concen: 55.467 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion: 45 Resp: 1076461

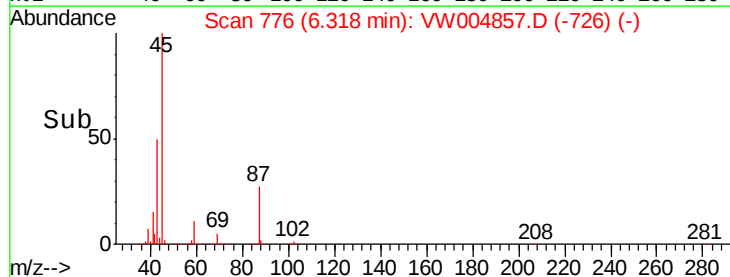
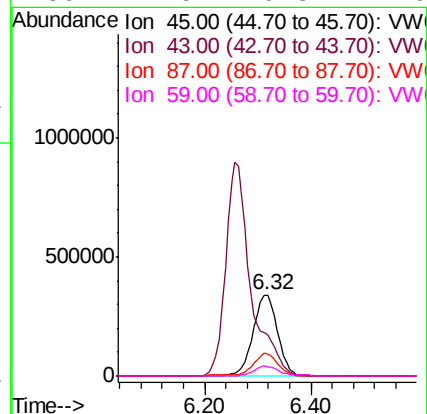
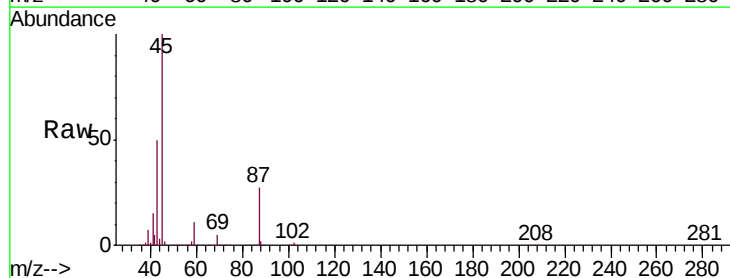
Ion Ratio Lower Upper

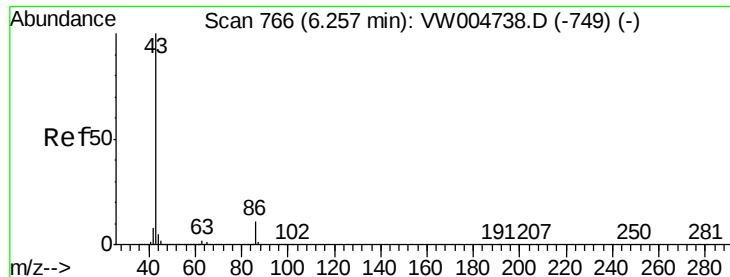
45 100

43 49.8 43.0 64.6

87 27.1 22.2 33.4

59 11.5 9.8 14.6





#23

Vinyl Acetate

Concen: 269.050 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

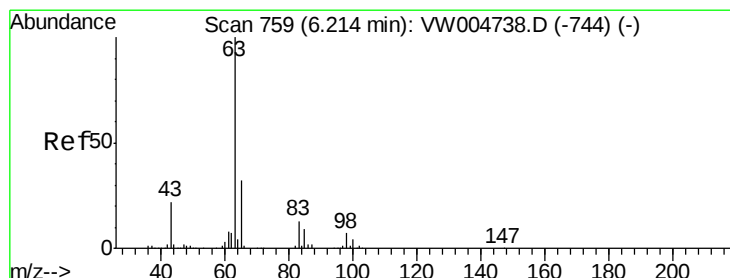
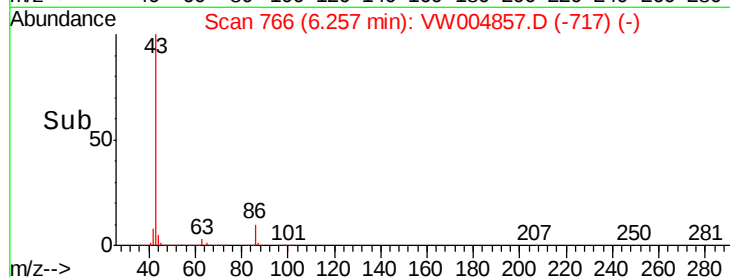
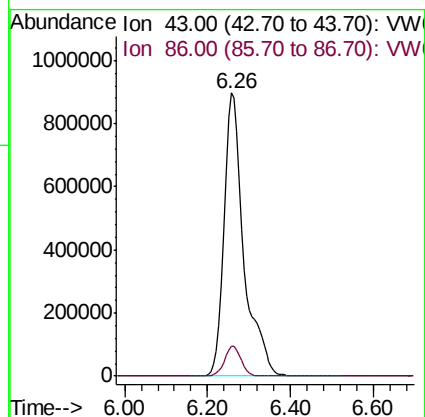
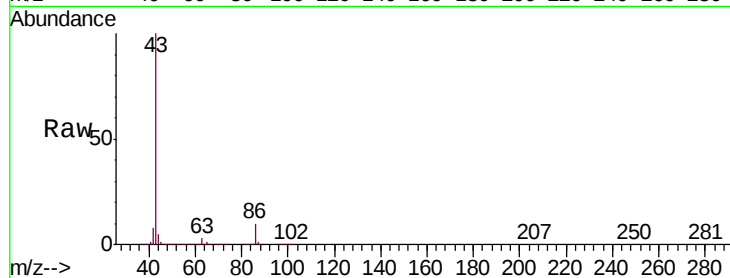
VSTDCCC050EC

Tgt Ion: 43 Resp: 2953415

Ion Ratio Lower Upper

43 100

86 10.4 8.5 12.7



#24

1,1-Dichloroethane

Concen: 51.820 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

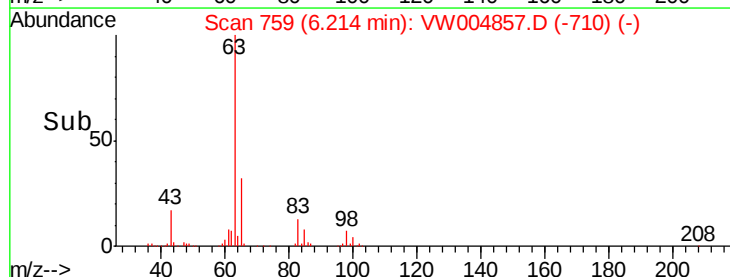
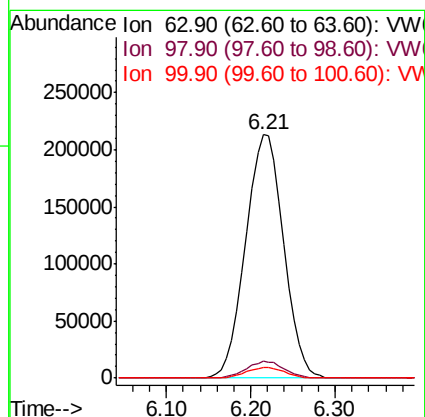
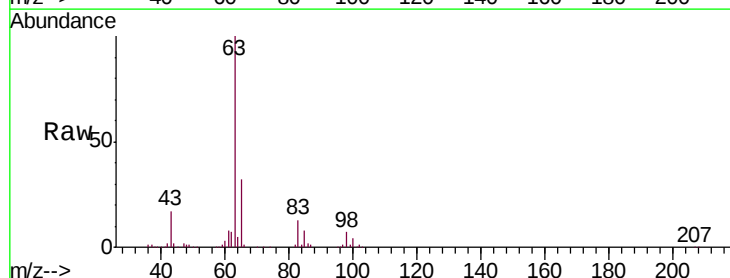
Tgt Ion: 63 Resp: 653532

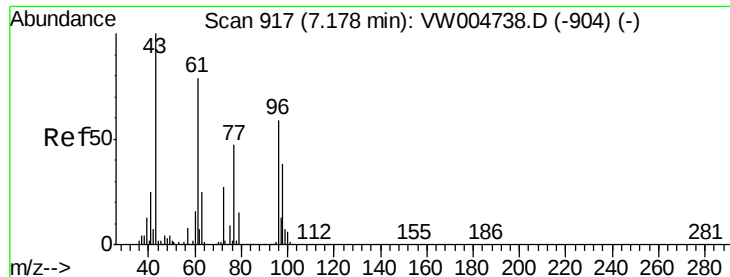
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 244.696 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

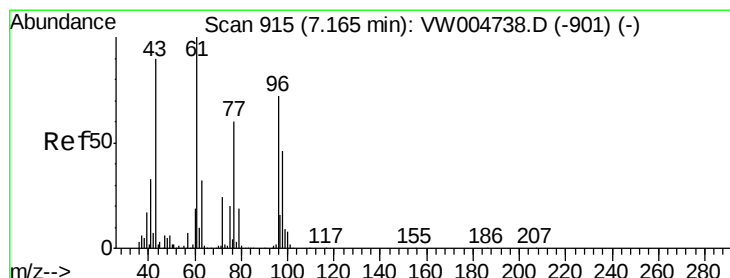
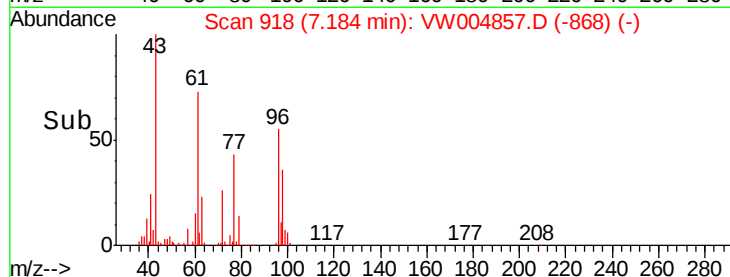
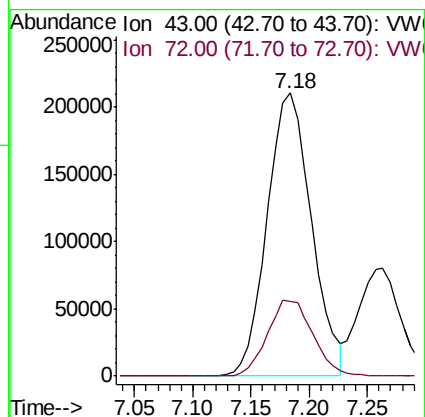
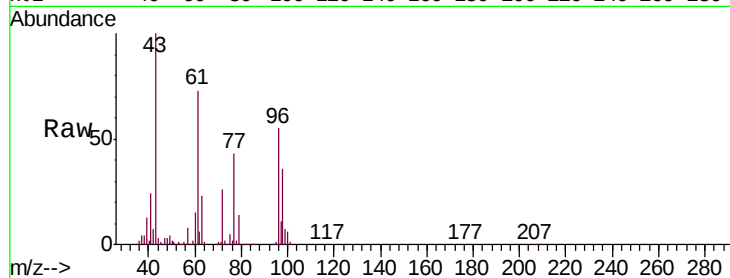
VSTDCCC050EC

Tgt Ion: 43 Resp: 55540

Ion Ratio Lower Upper

43 100

72 26.5 22.0 33.0



#26

2,2-Dichloropropane

Concen: 48.057 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004857.D

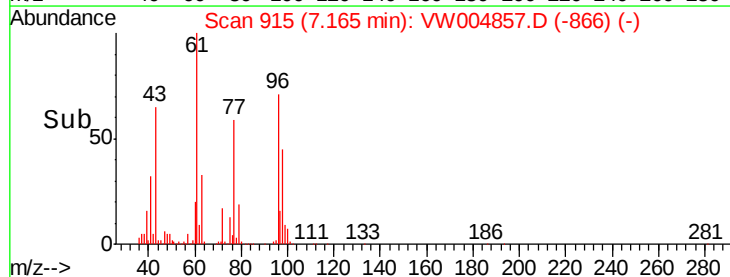
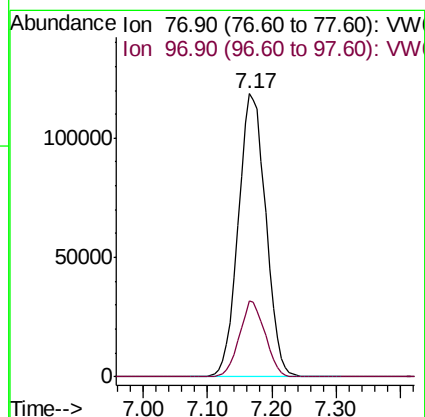
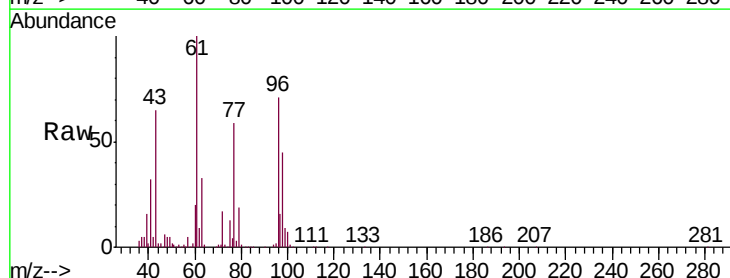
Acq: 21 Aug 2018 22:02

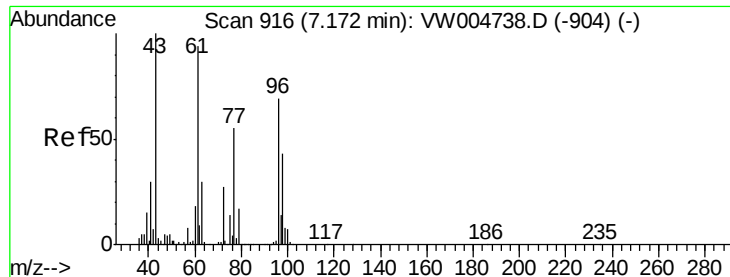
Tgt Ion: 77 Resp: 350059

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.8



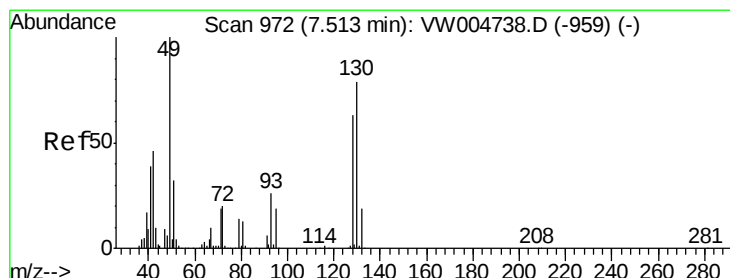
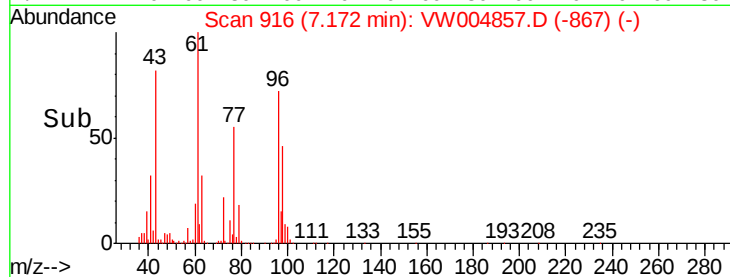
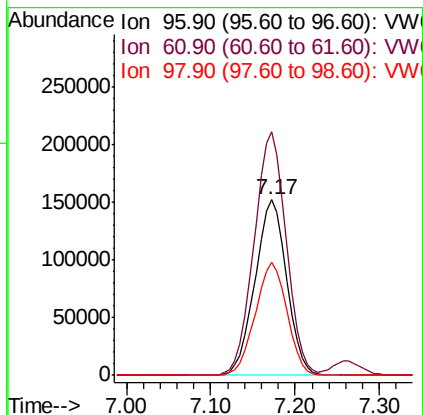
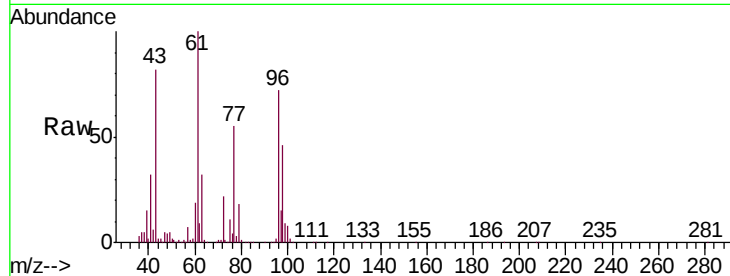


#27

cis-1,2-Dichloroethene
 Concen: 51.596 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

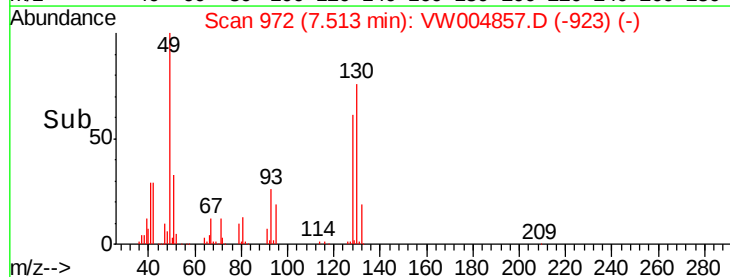
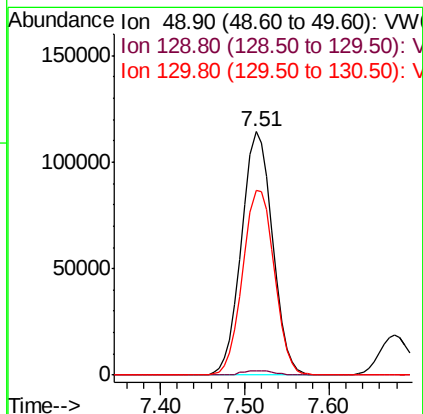
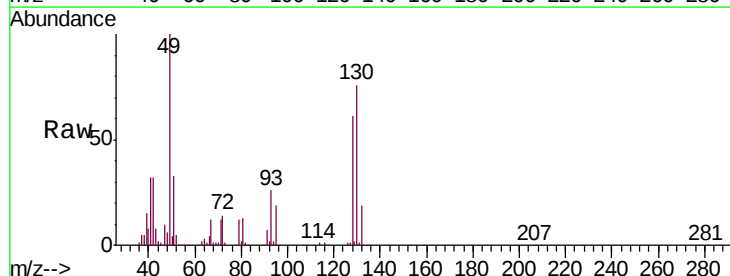
Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	277.6
98	64.5	0.0	127.4

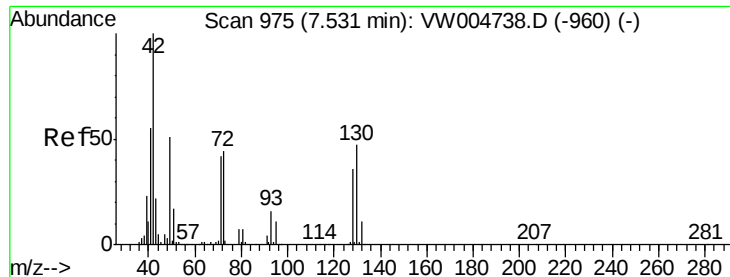


#28

Bromochloromethane
 Concen: 53.700 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	77.5	63.7	95.5





#29

Tetrahydrofuran

Concen: 260.752 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

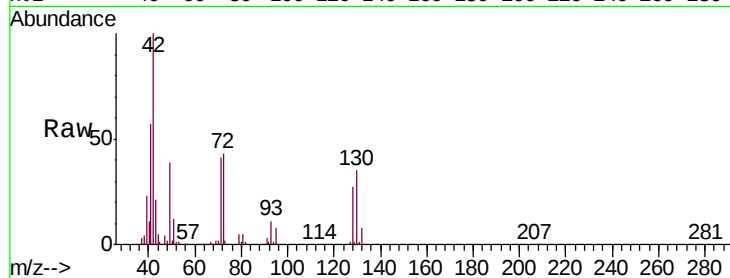
Tgt Ion: 42 Resp: 301871

Ion Ratio Lower Upper

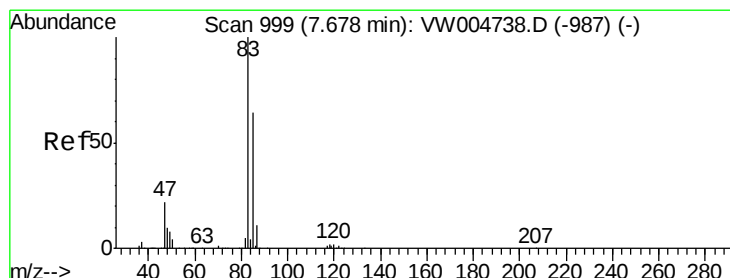
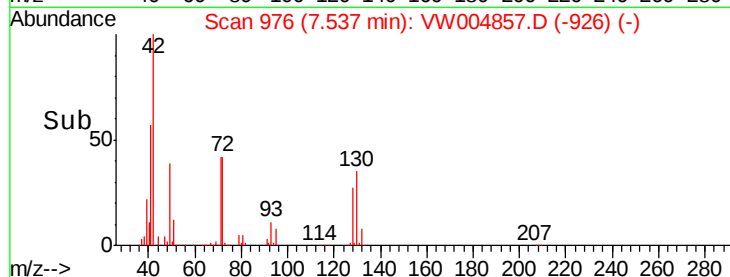
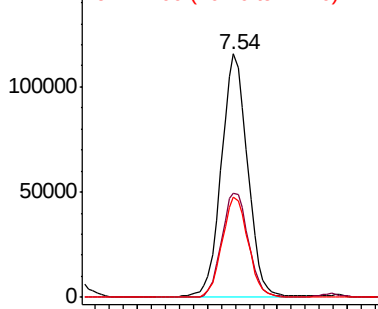
42 100

72 43.9 34.9 52.3

71 41.0 33.8 50.6



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



#30

Chloroform

Concen: 51.657 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW004857.D

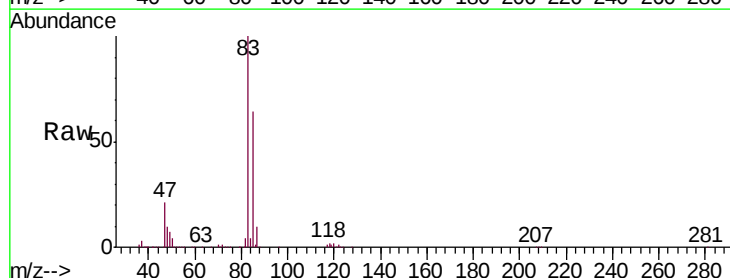
Acq: 21 Aug 2018 22:02

Tgt Ion: 83 Resp: 640726

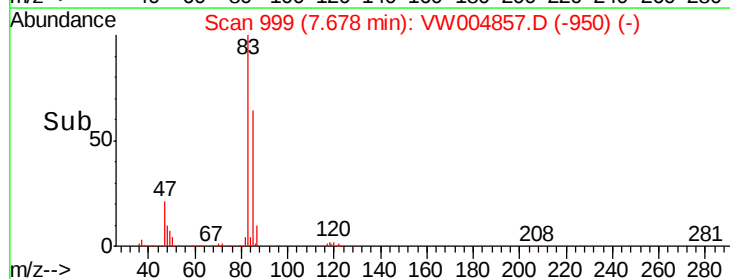
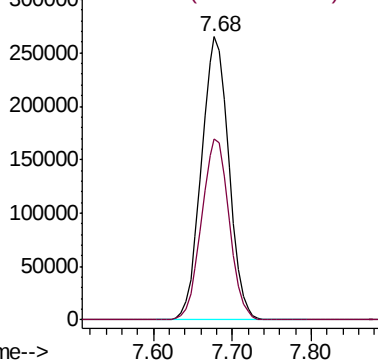
Ion Ratio Lower Upper

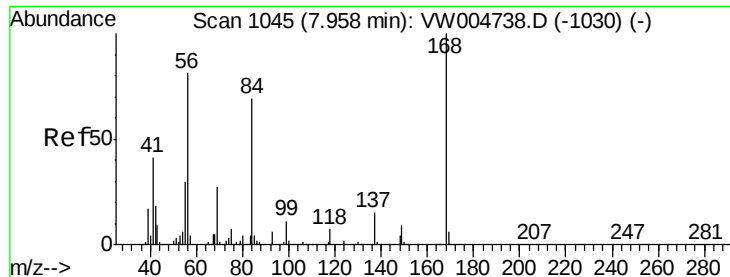
83 100

85 64.1 51.0 76.6



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

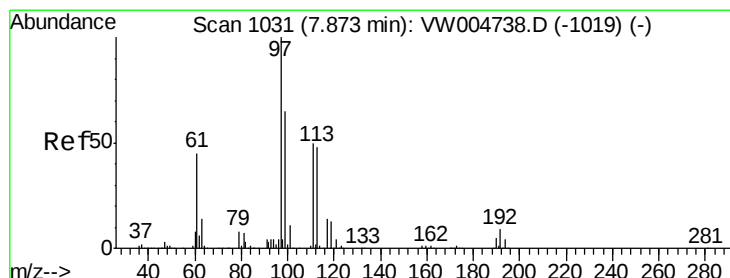
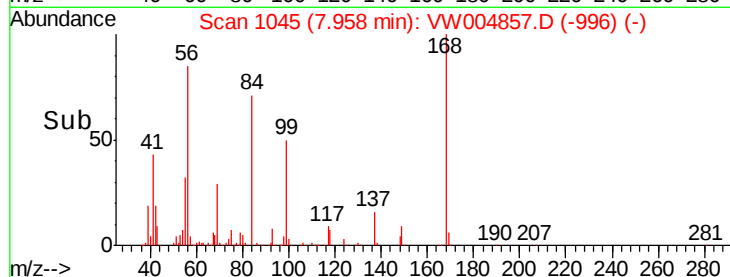
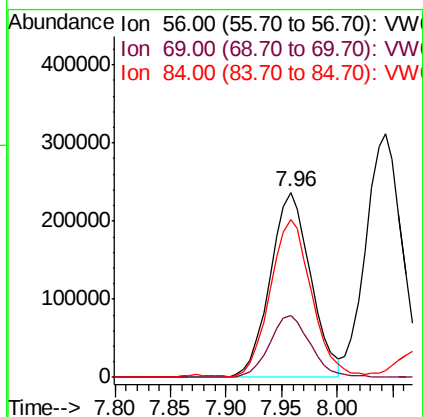
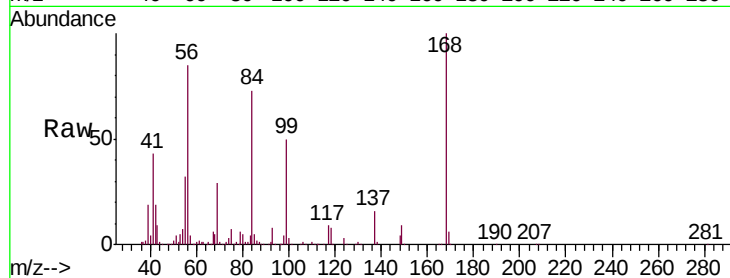




#31
Cyclohexane
Concen: 49.241 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

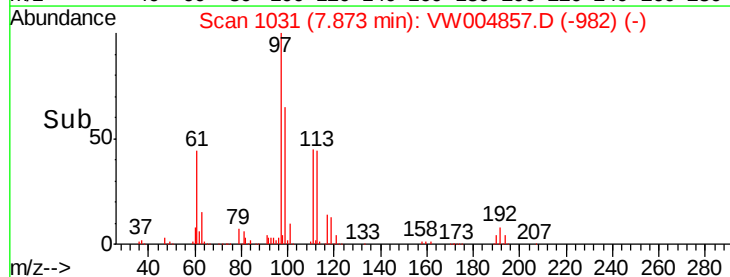
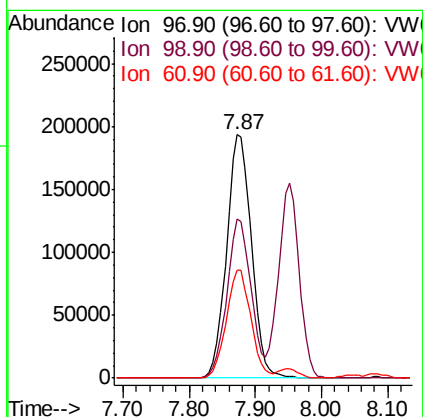
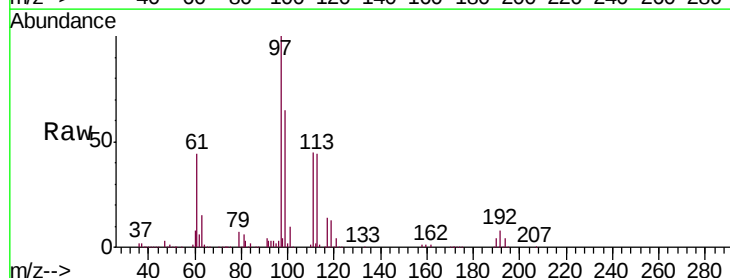
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

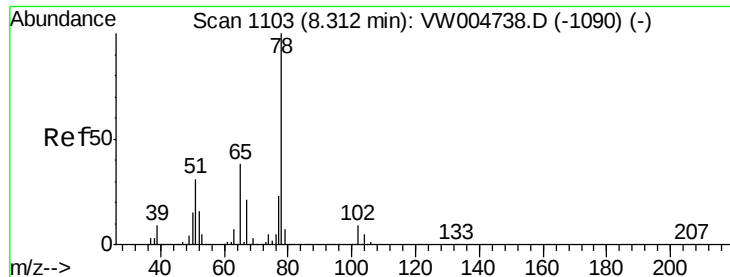
Tgt Ion: 56 Resp: 600669
Ion Ratio Lower Upper
56 100
69 33.5 27.1 40.7
84 84.2 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 51.175 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 97 Resp: 503149
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 43.9 34.4 51.6

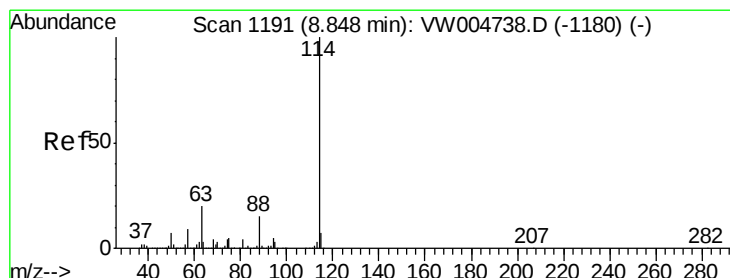
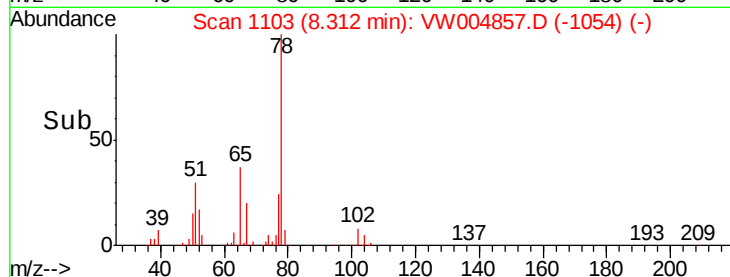
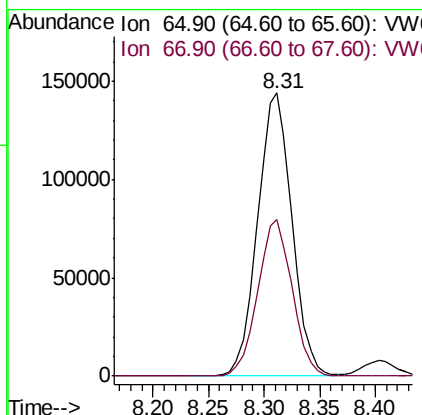
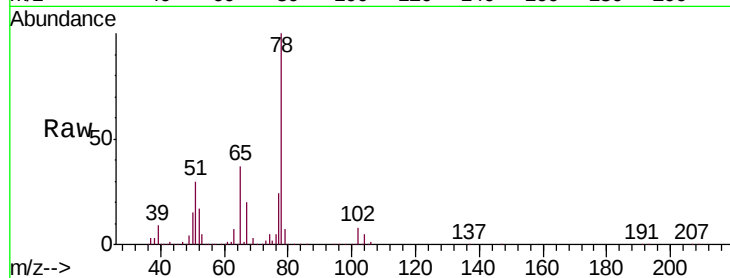




#33
 1,2-Dichloroethane-d4
 Concen: 49.563 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

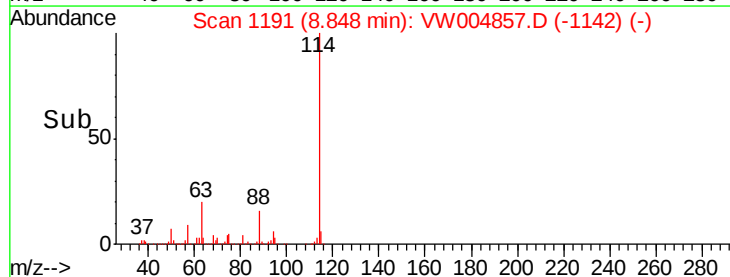
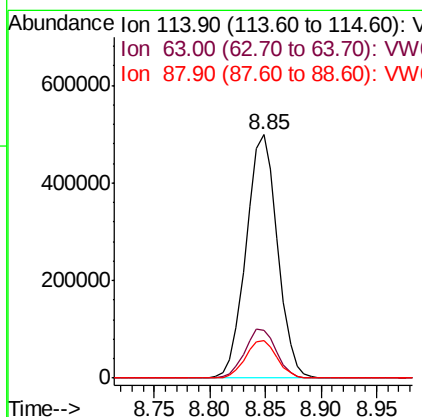
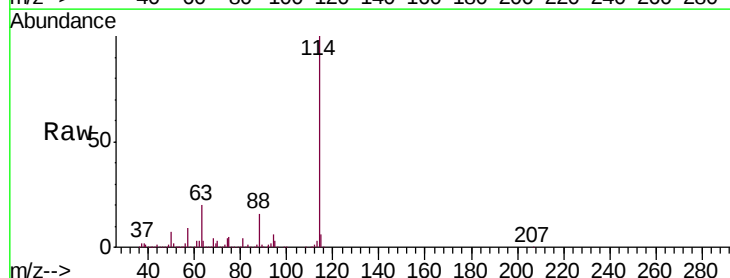
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

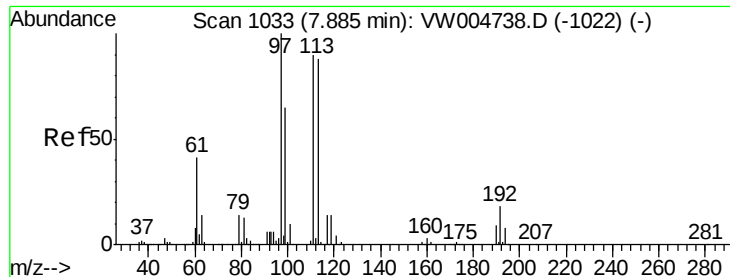
Tgt Ion: 65 Resp: 309373
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion: 114 Resp: 976676
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.058 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

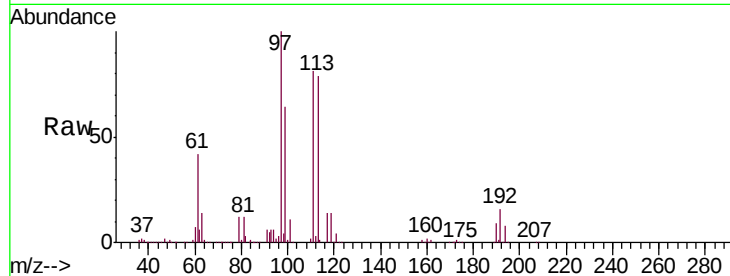
Tgt Ion: 113 Resp: 312476

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

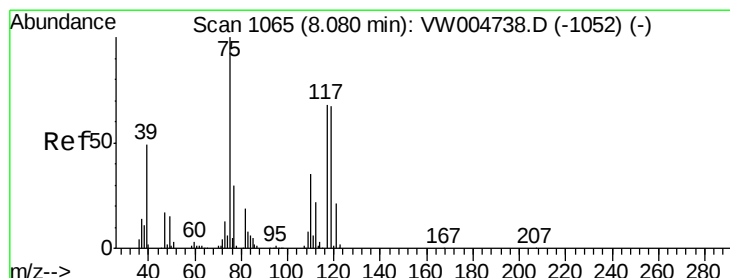
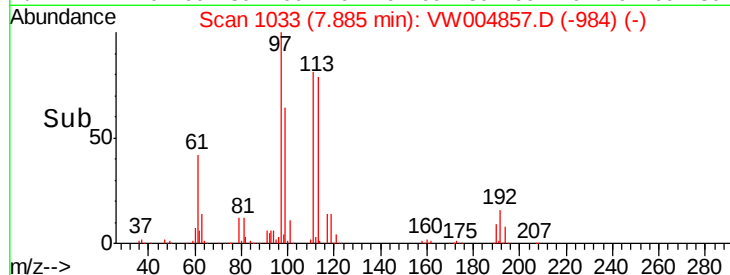
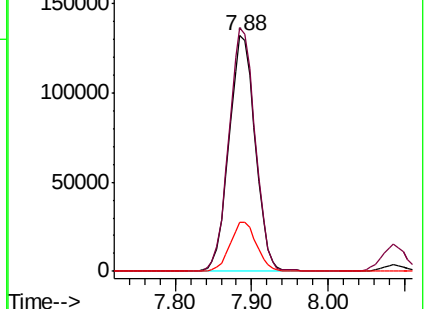
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.451 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

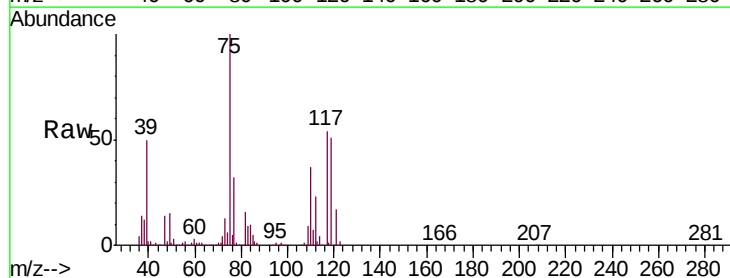
Tgt Ion: 75 Resp: 507615

Ion Ratio Lower Upper

75 100

110 35.8 17.8 53.5

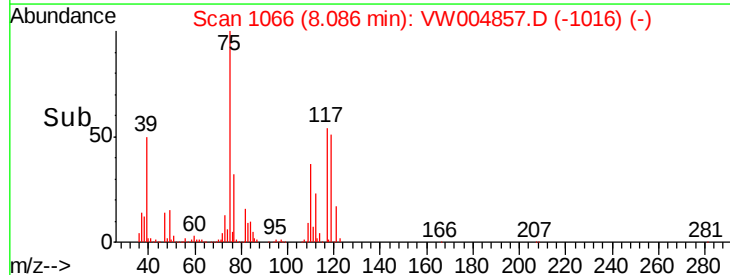
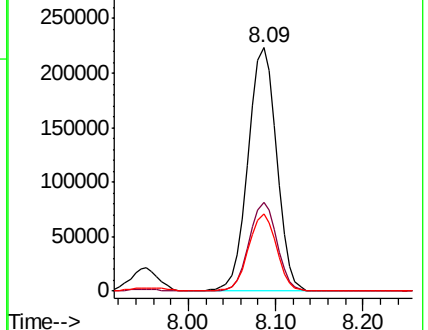
77 31.3 24.9 37.3

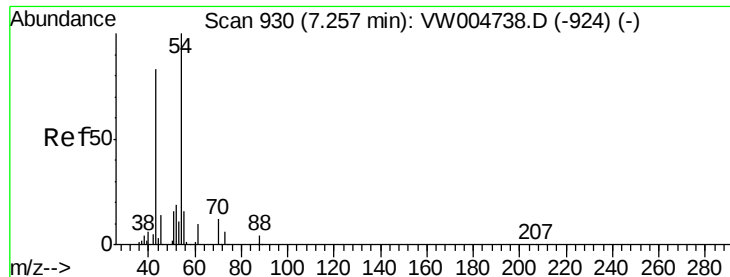


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

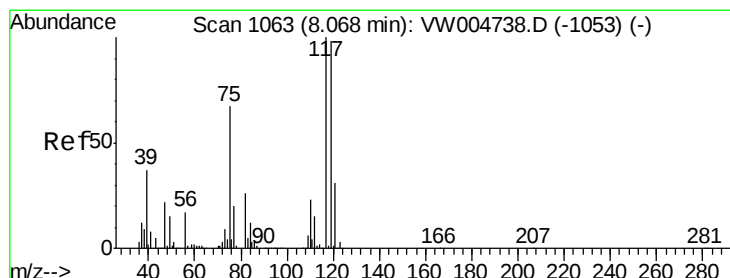
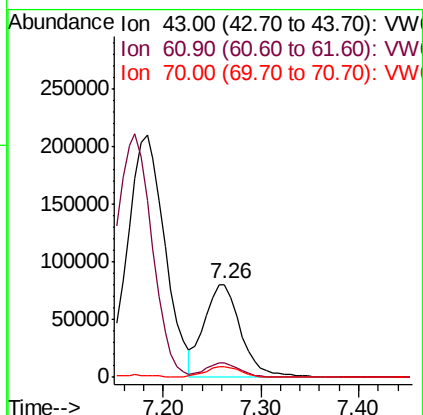
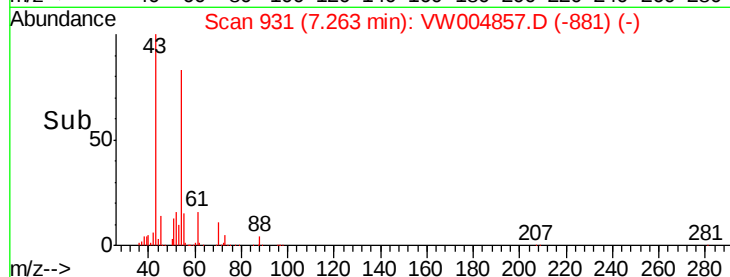
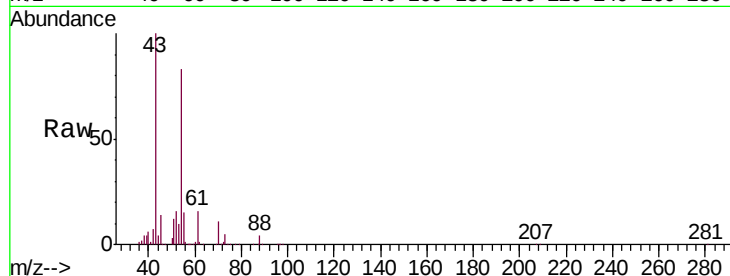




#37
Ethyl Acetate
Concen: 51.771 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

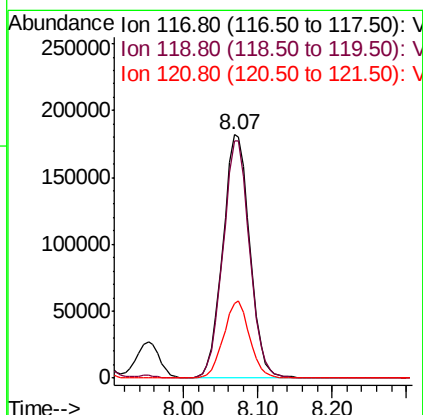
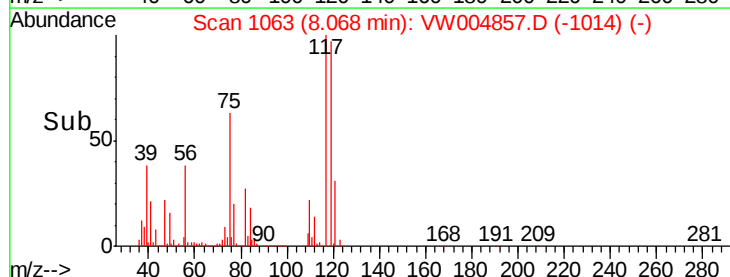
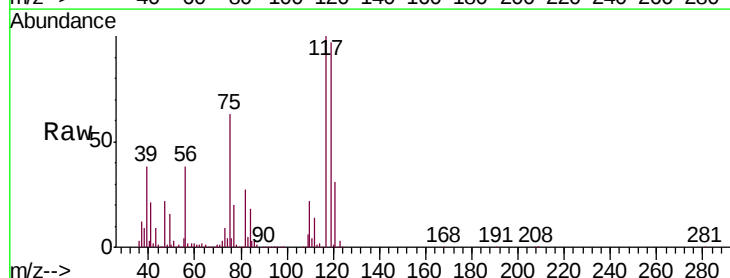
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

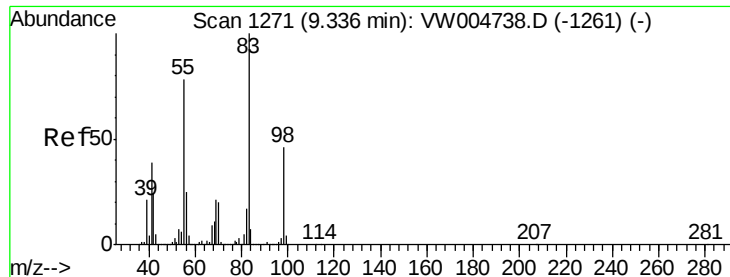
Tgt Ion: 43 Resp: 207644
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 49.670 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 117 Resp: 460024
Ion Ratio Lower Upper
117 100
119 97.2 78.0 117.0
121 30.8 24.8 37.2

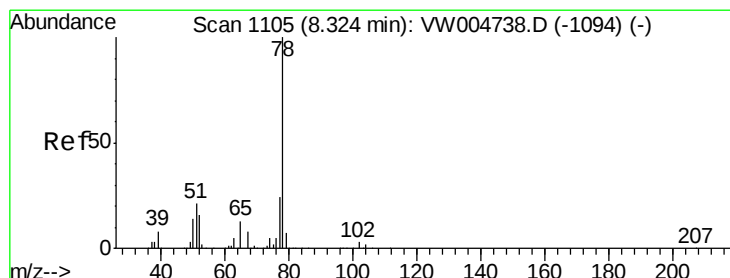
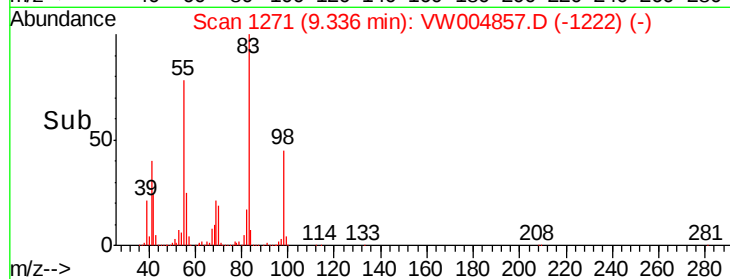
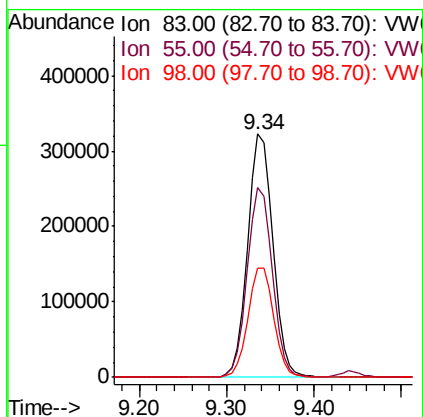
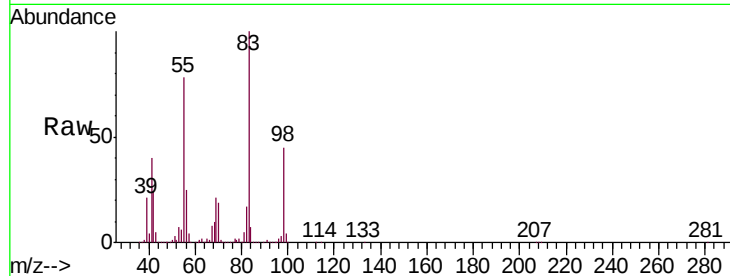




#39
Methylcyclohexane
Concen: 51.559 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

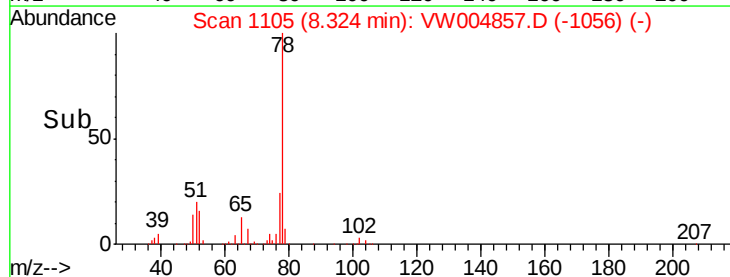
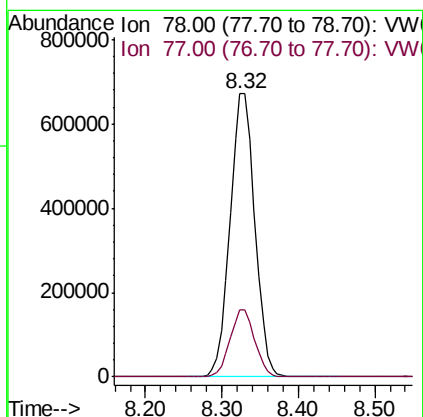
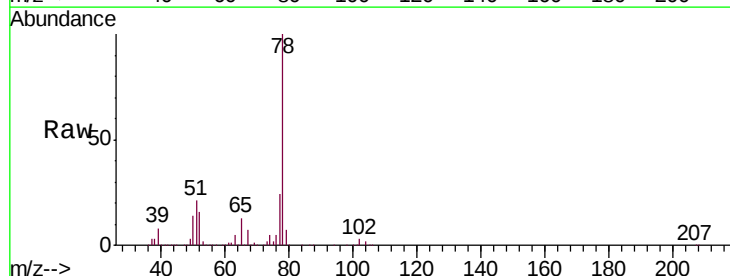
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

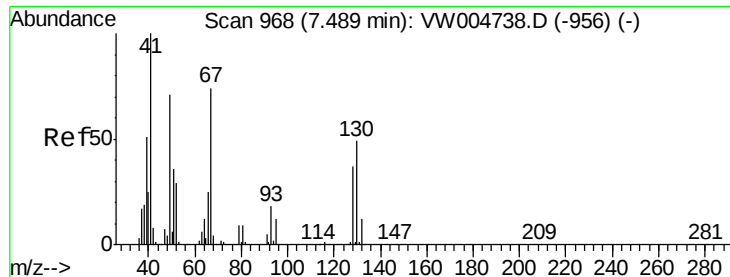
Tgt Ion: 83 Resp: 648747
Ion Ratio Lower Upper
83 100
55 77.8 62.4 93.6
98 44.9 36.5 54.7



#40
Benzene
Concen: 51.344 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 78 Resp: 1501336
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

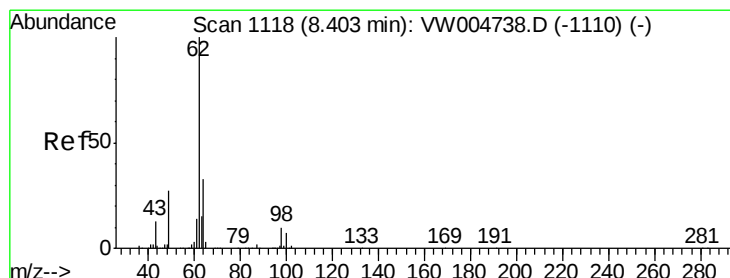
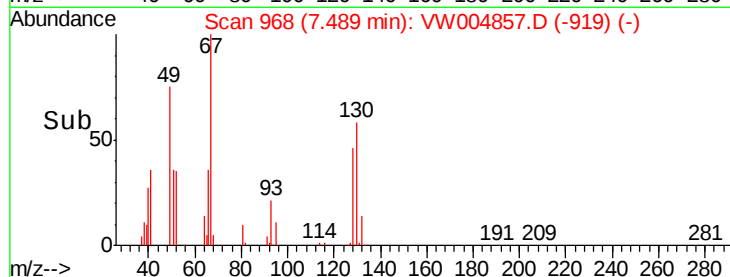
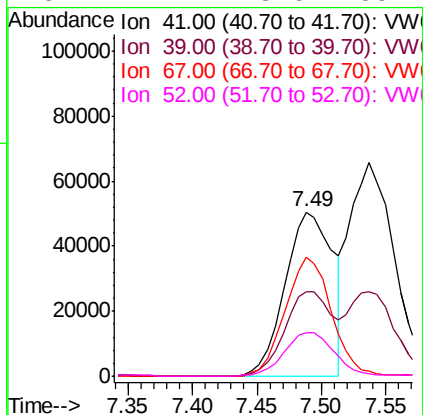
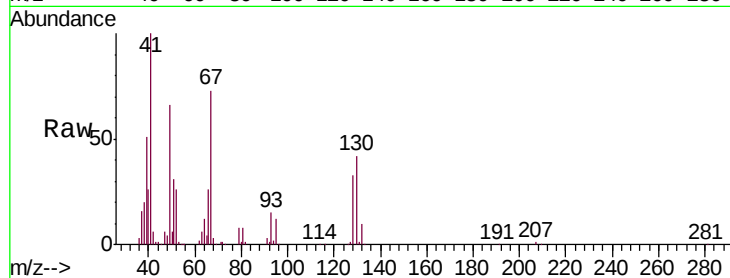




#41
Methacrylonitrile
Concen: 57.111 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

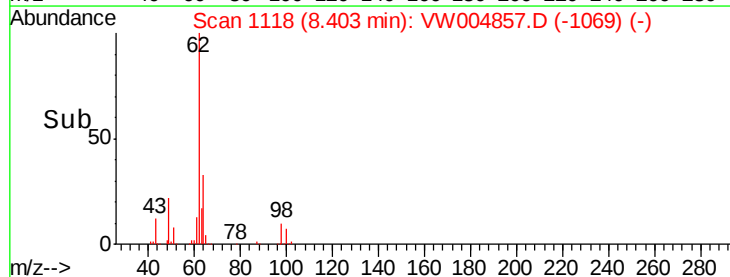
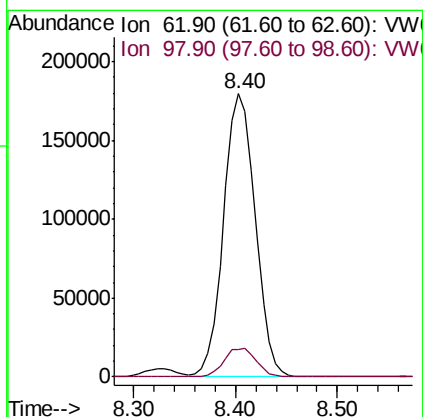
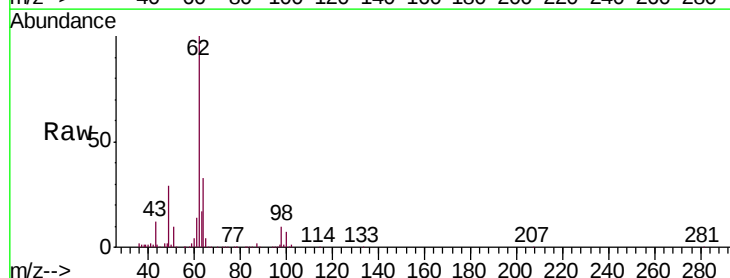
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

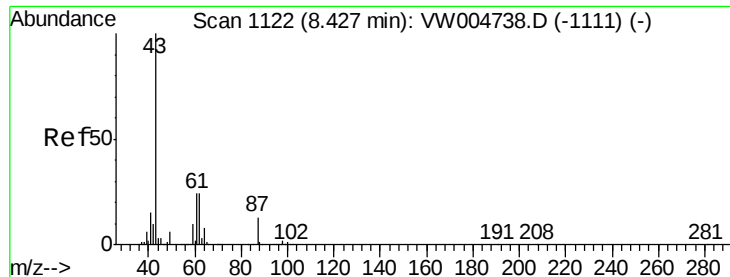
Tgt Ion:	41	Resp:	129996
Ion	Ratio	Lower	Upper
41	100		
39	51.0	41.0	61.4
67	70.7	59.5	89.3
52	27.7	23.6	35.4



#42
1,2-Dichloroethane
Concen: 51.578 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion:	62	Resp:	386738
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 52.324 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

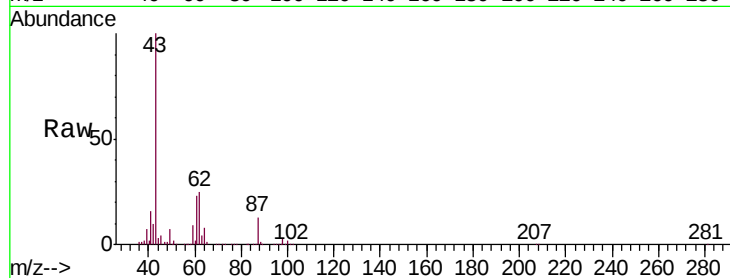
Tgt Ion: 43 Resp: 376960

Ion Ratio Lower Upper

43 100

61 32.5 26.2 39.4

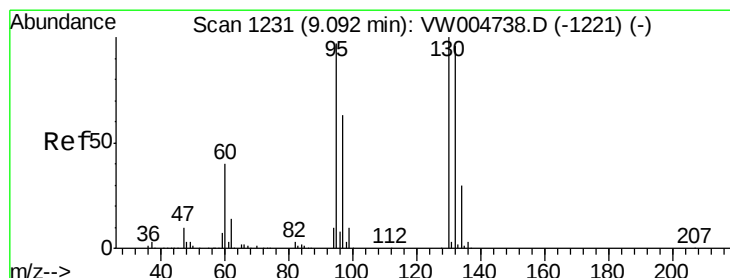
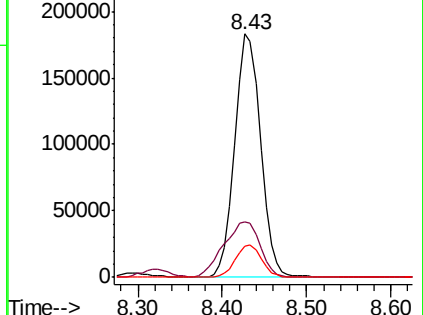
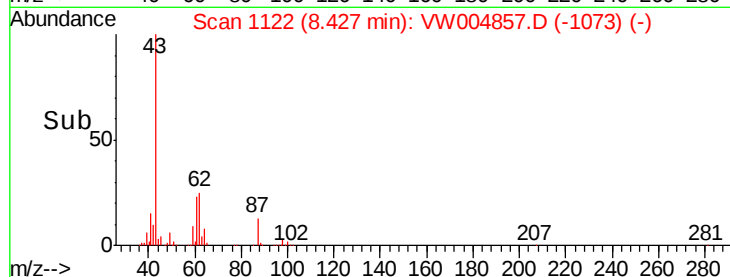
87 13.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.053 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004857.D

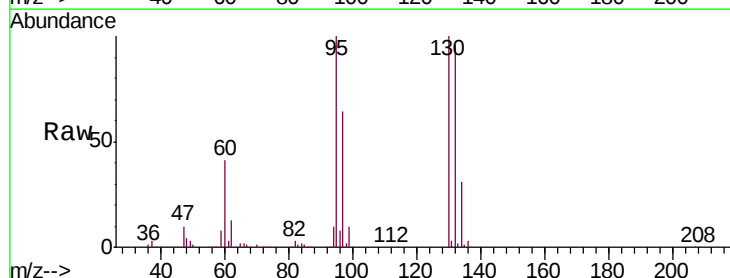
Acq: 21 Aug 2018 22:02

Tgt Ion: 130 Resp: 371523

Ion Ratio Lower Upper

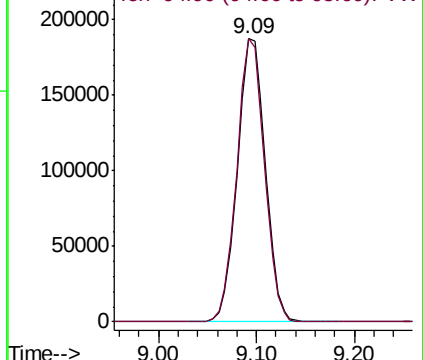
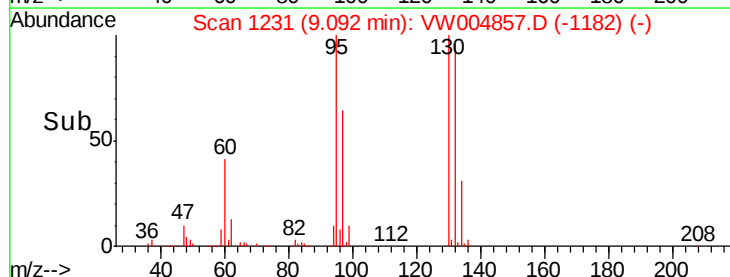
130 100

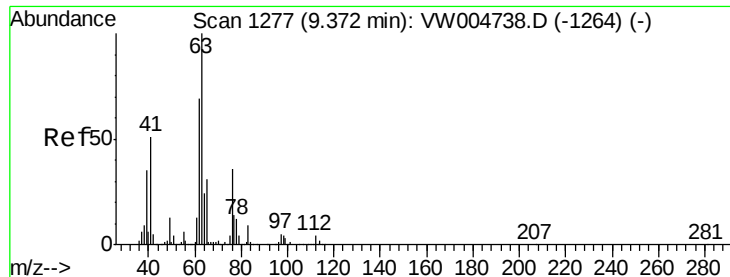
95 100.0 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

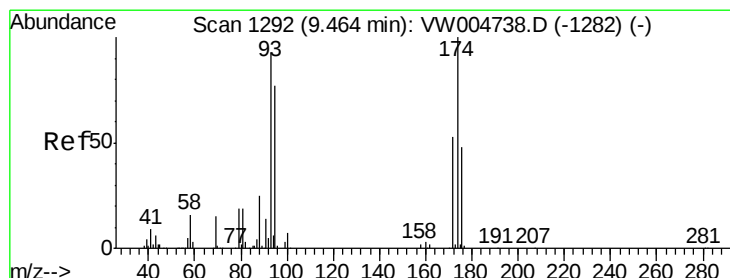
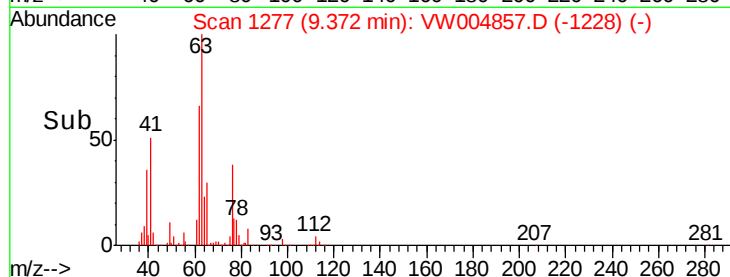
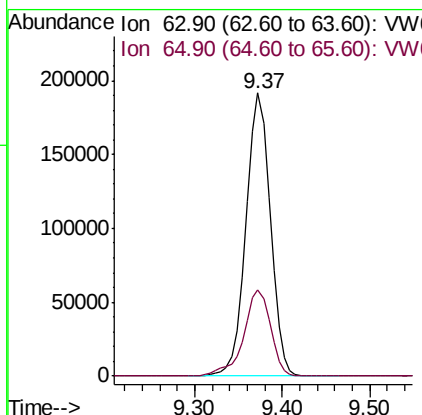
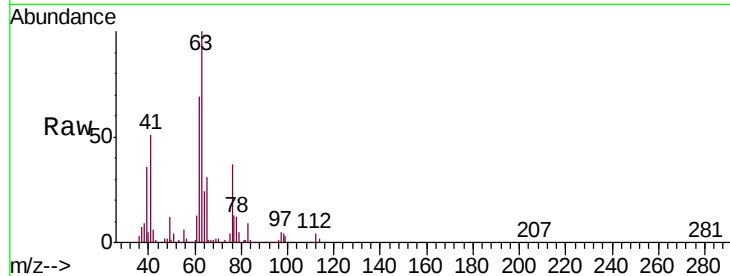




#45
 1,2-Dichloropropane
 Concen: 51.859 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

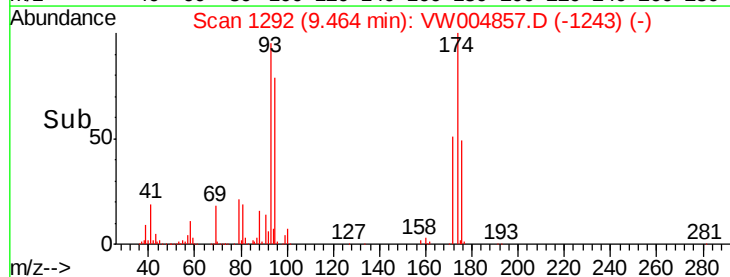
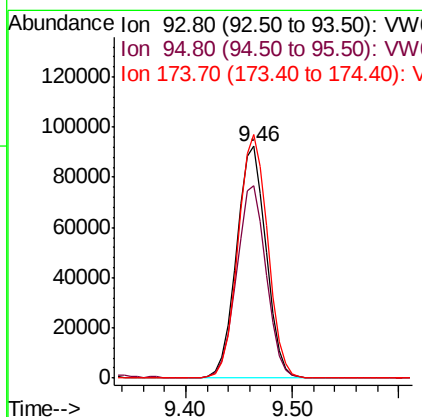
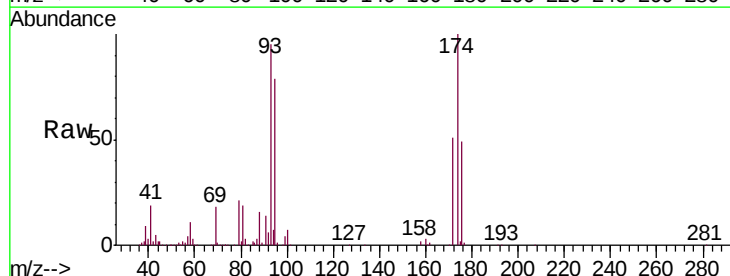
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

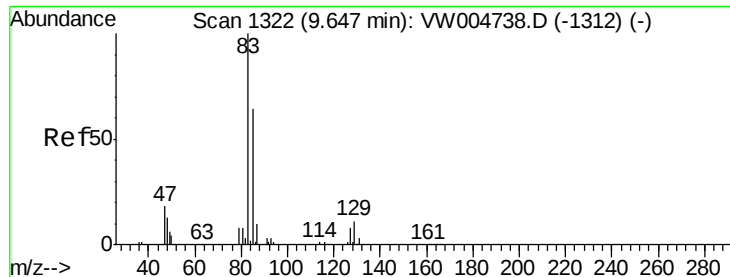
Tgt Ion: 63 Resp: 370919
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 37.0



#46
 Dibromomethane
 Concen: 50.834 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion: 93 Resp: 180129
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 99.8
 174 105.3 85.3 127.9





#47

Bromodichloromethane

Concen: 51.535 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

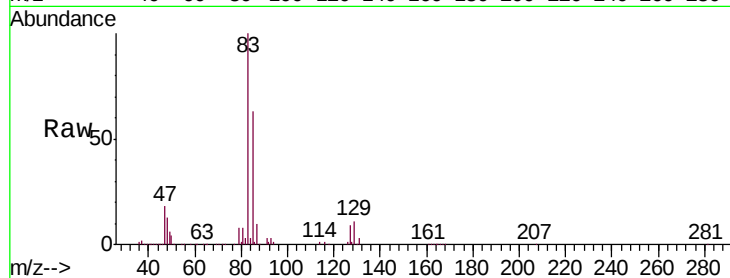
Tgt Ion: 83 Resp: 436121

Ion Ratio Lower Upper

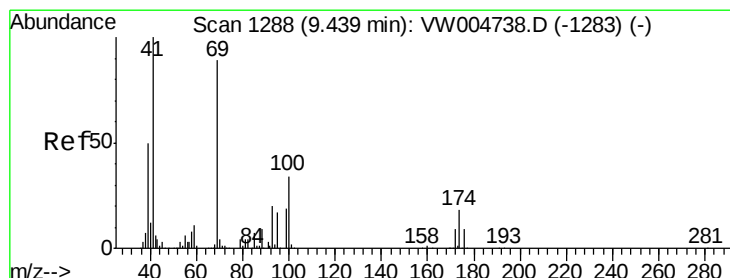
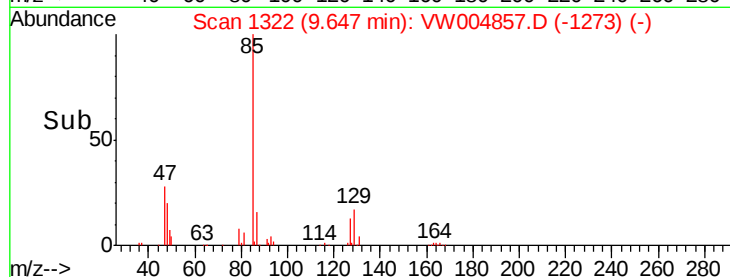
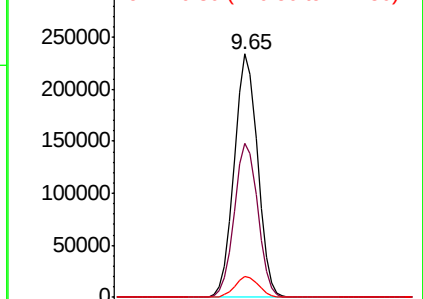
83 100

85 63.4 51.2 76.8

127 8.5 6.7 10.1



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: 54.051 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

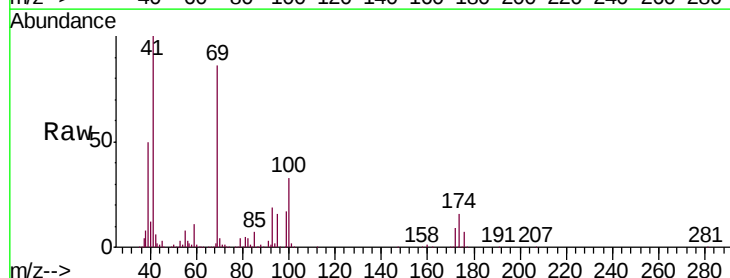
Tgt Ion: 41 Resp: 182721

Ion Ratio Lower Upper

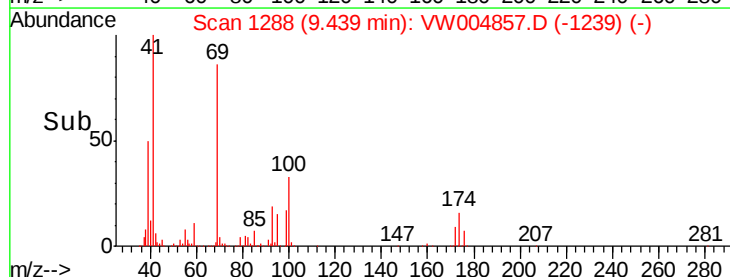
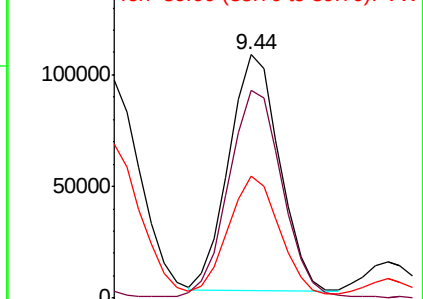
41 100

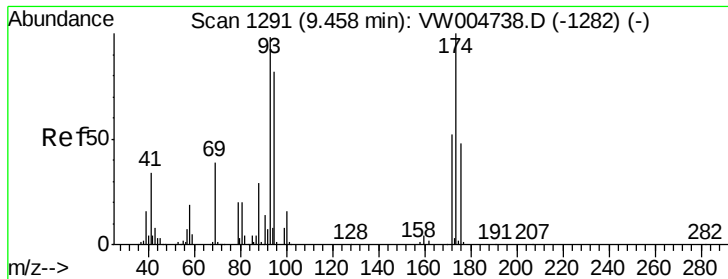
69 93.5 75.2 112.8

39 49.6 39.8 59.6



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: 1095.604 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. 0.02 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

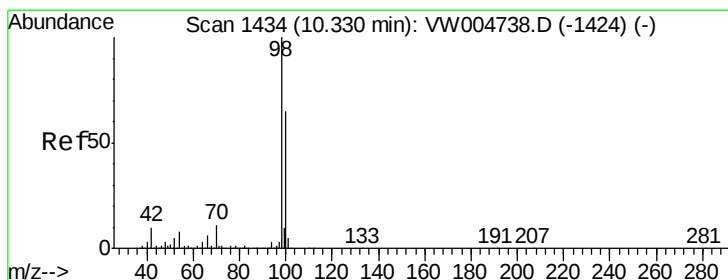
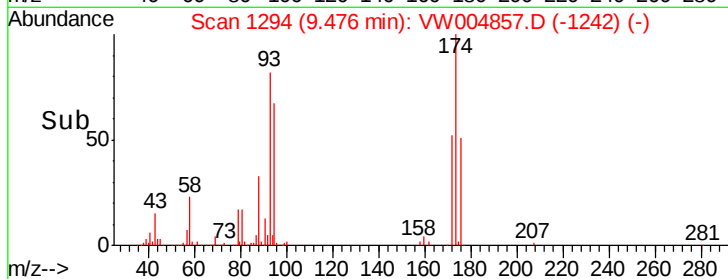
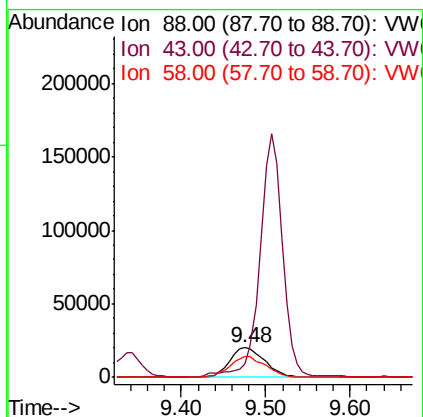
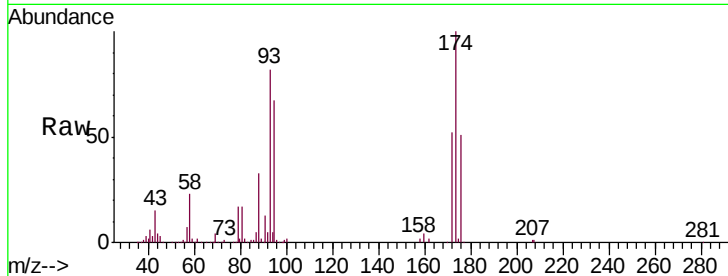
Tgt Ion: 88 Resp: 56719

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

58 73.5 60.0 90.0



#50

Toluene-d8

Concen: 50.620 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004857.D

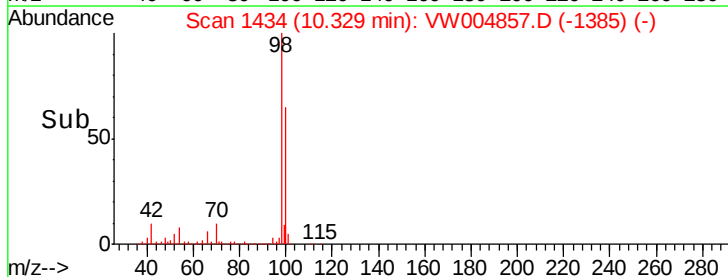
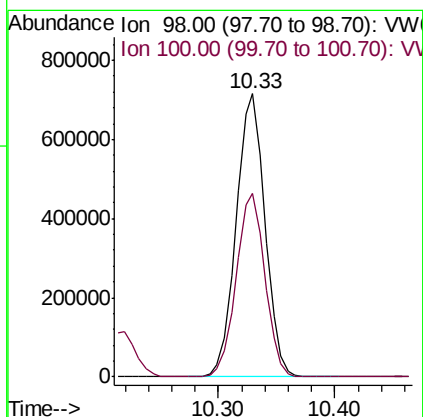
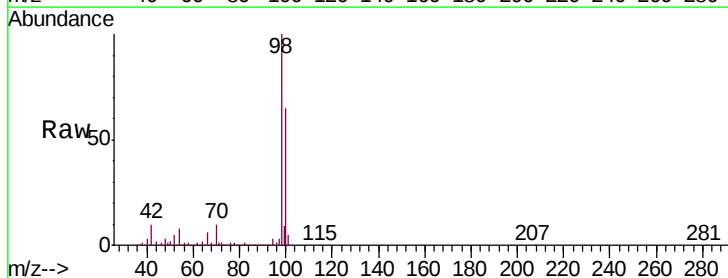
Acq: 21 Aug 2018 22:02

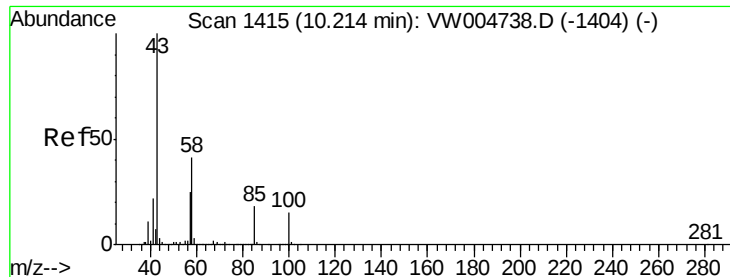
Tgt Ion: 98 Resp: 1233471

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 266.613 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

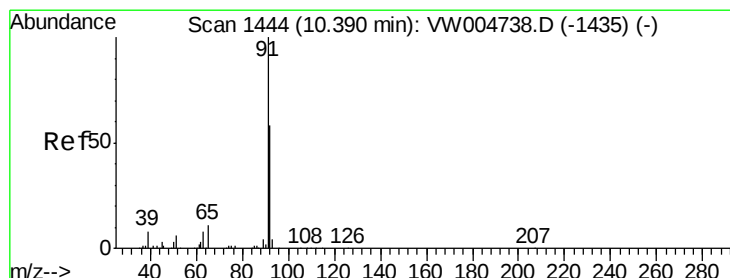
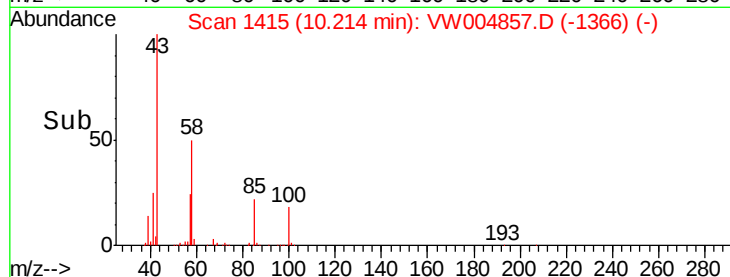
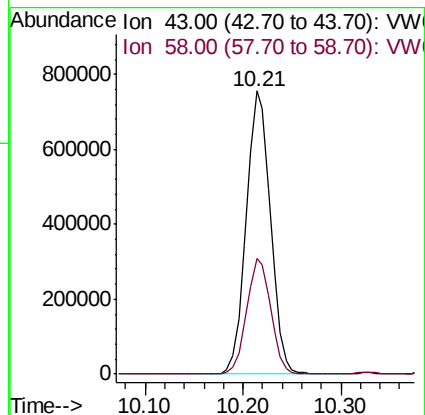
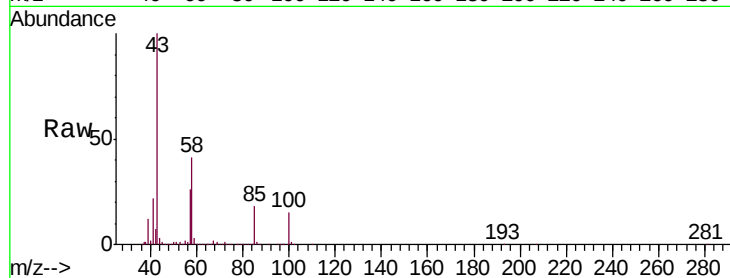
VSTDCCC050EC

Tgt Ion: 43 Resp: 1298141

Ion Ratio Lower Upper

43 100

58 40.7 32.7 49.1



#52

Toluene

Concen: 52.252 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004857.D

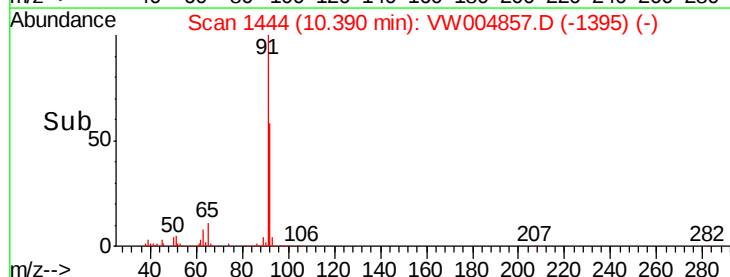
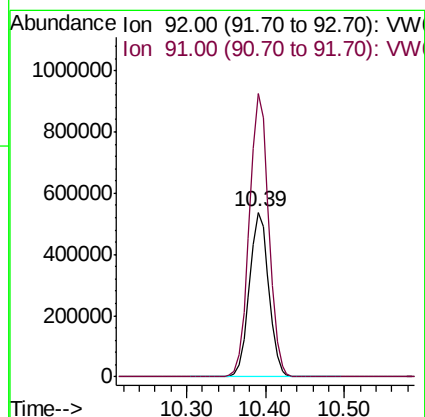
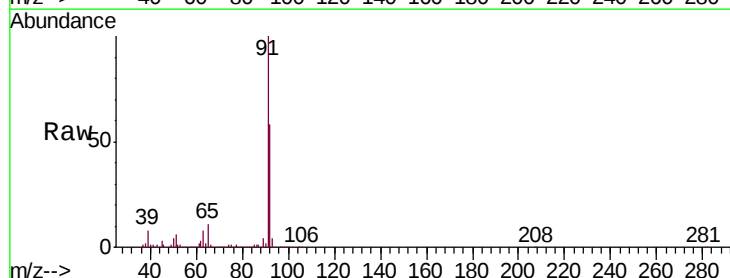
Acq: 21 Aug 2018 22:02

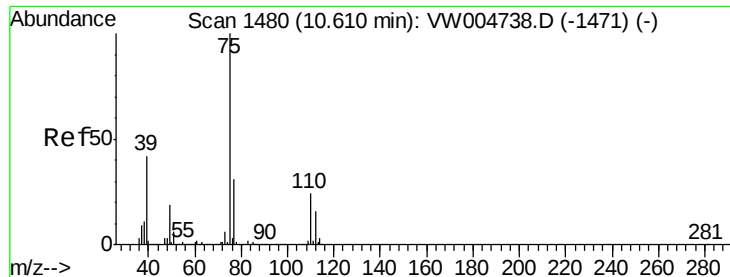
Tgt Ion: 92 Resp: 916338

Ion Ratio Lower Upper

92 100

91 172.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 51.365 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

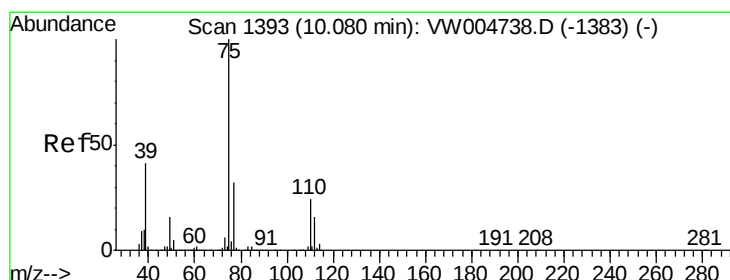
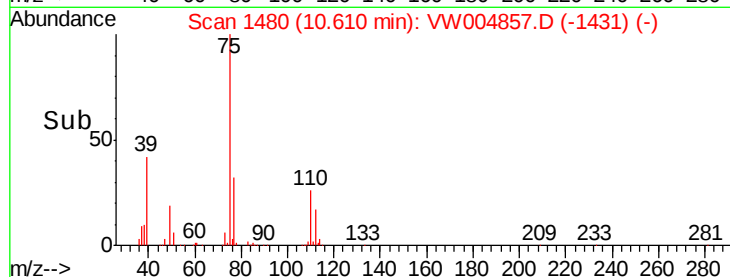
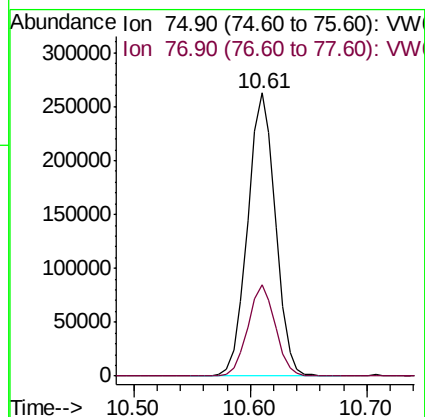
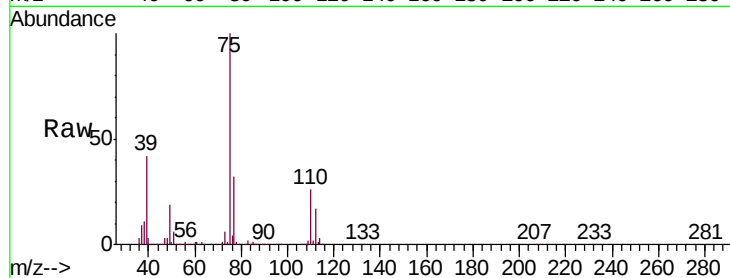
VSTDCCC050EC

Tgt Ion: 75 Resp: 437941

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 51.568 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

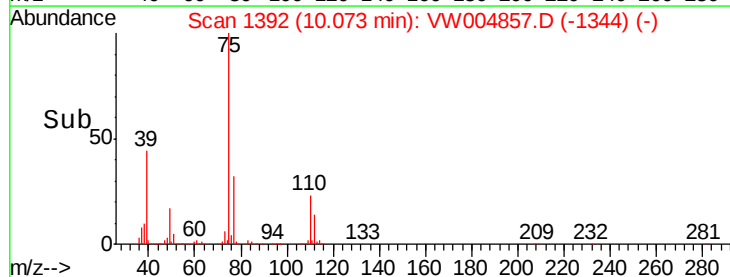
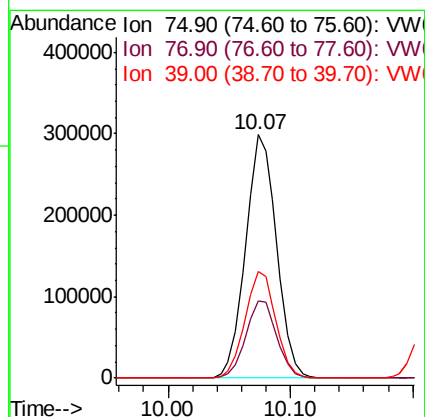
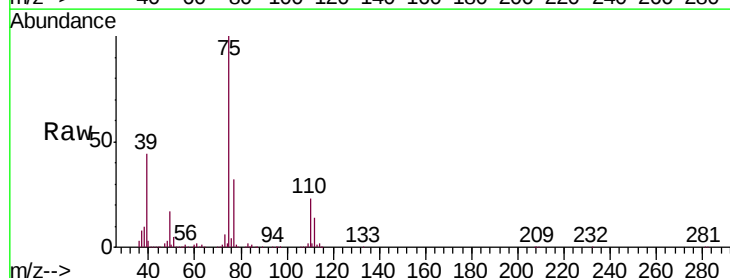
Tgt Ion: 75 Resp: 524163

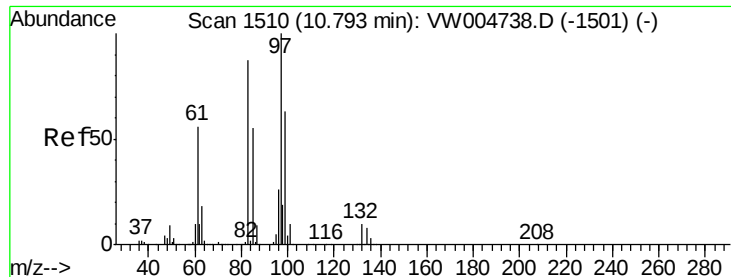
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 43.8 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 51.780 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 260812

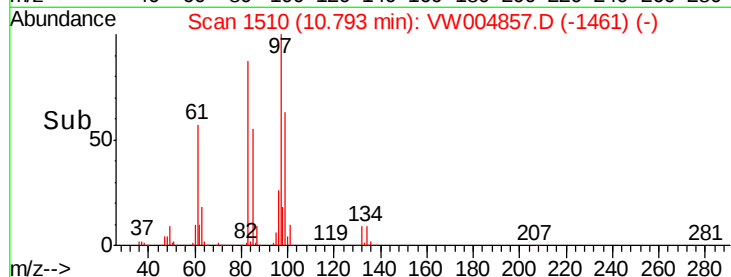
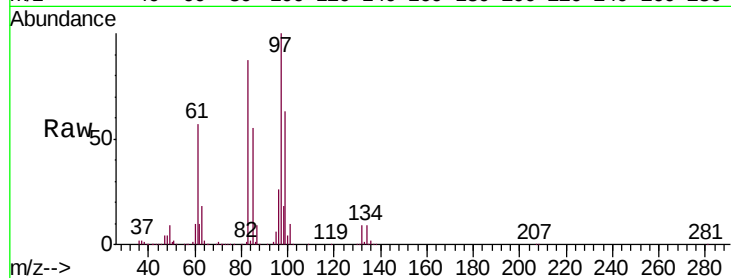
Ion Ratio Lower Upper

97 100

83 87.0 69.4 104.2

85 54.6 44.3 66.5

99 63.2 50.2 75.2

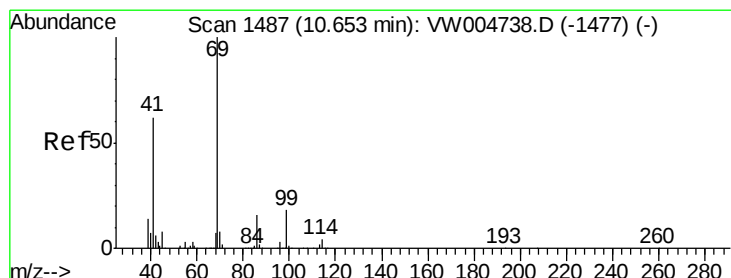
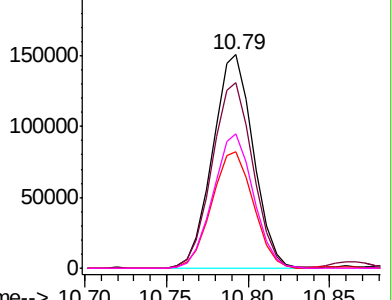


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 49.649 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

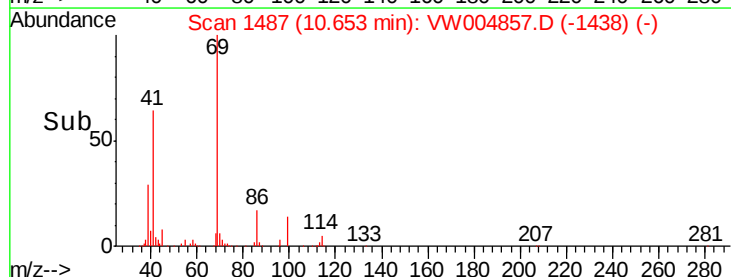
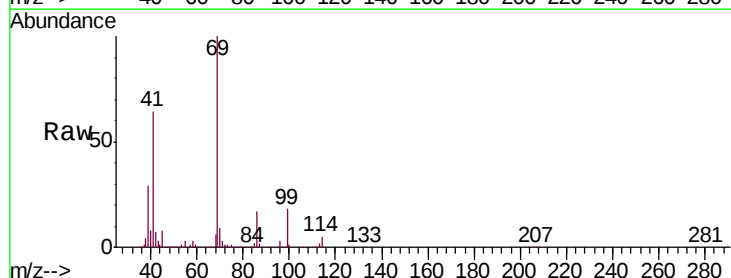
Tgt Ion: 69 Resp: 326559

Ion Ratio Lower Upper

69 100

41 64.7 50.7 76.1

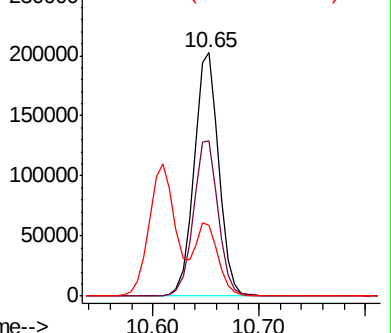
39 26.9 21.4 32.2

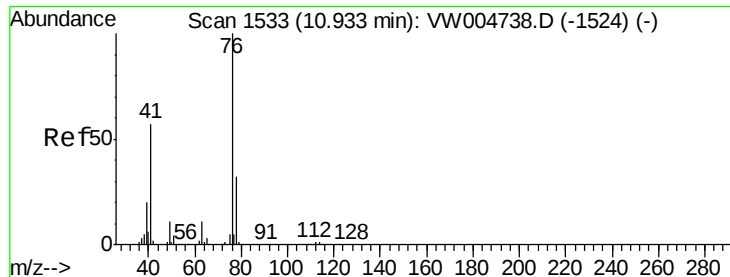


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 52.137 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

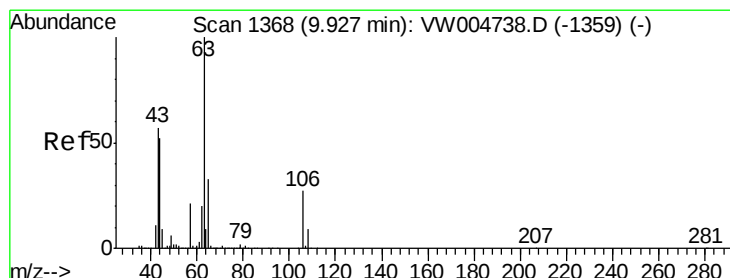
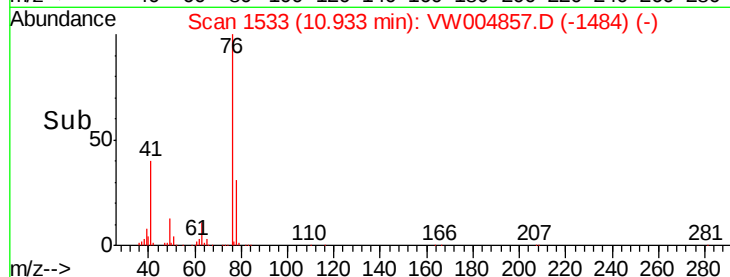
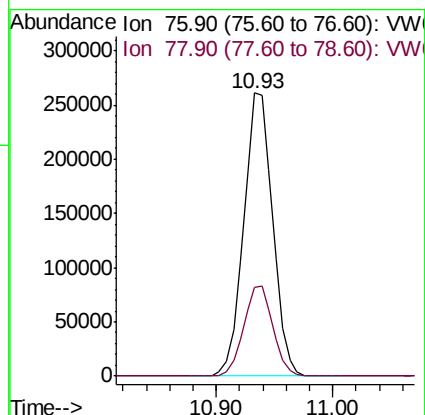
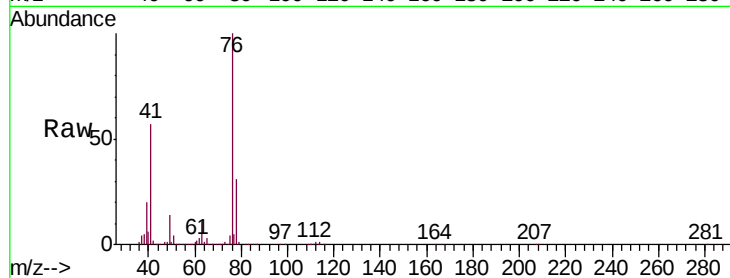
VSTDCCC050EC

Tgt Ion: 76 Resp: 453308

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 278.470 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004857.D

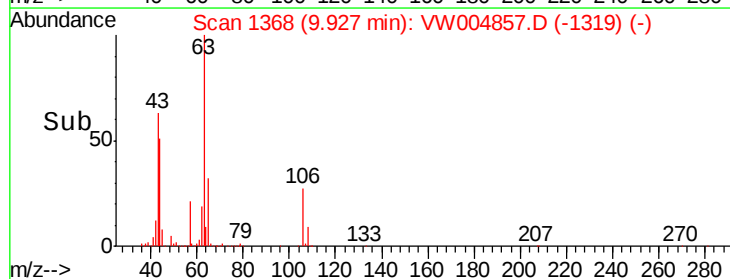
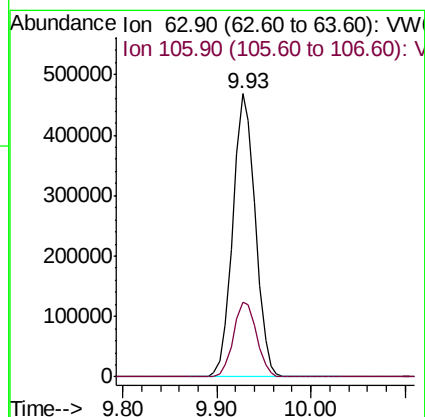
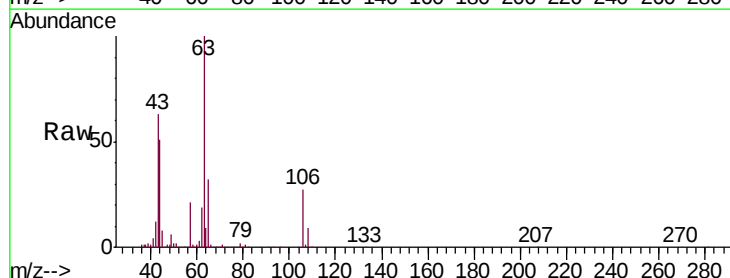
Acq: 21 Aug 2018 22:02

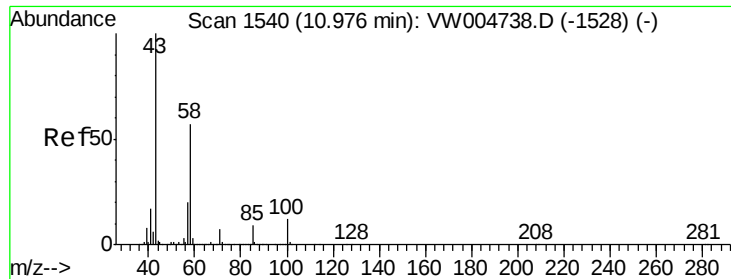
Tgt Ion: 63 Resp: 774617

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1

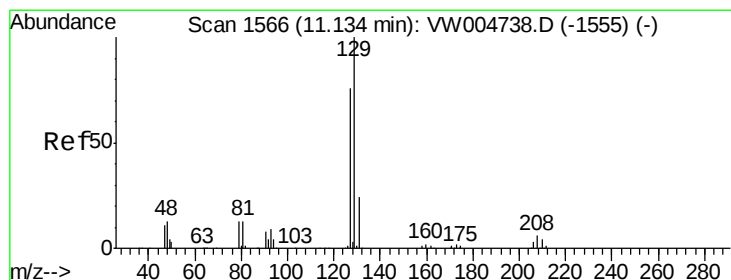
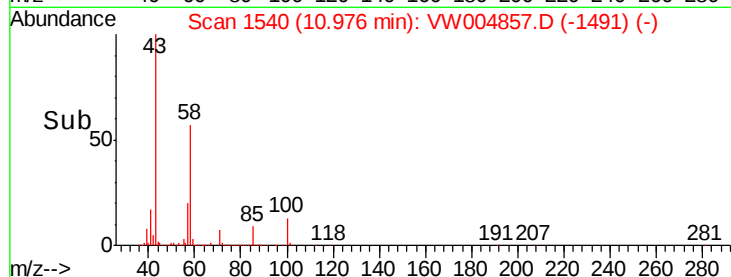
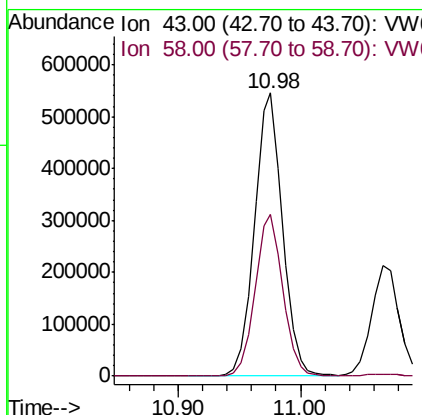
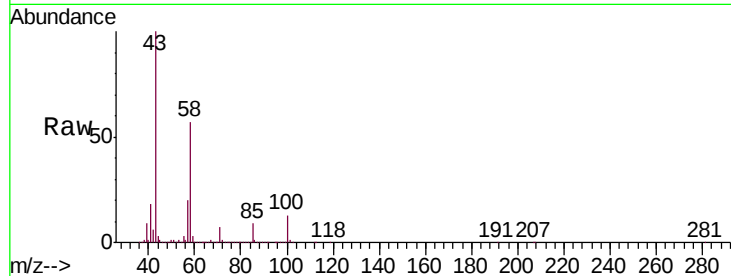




#59
2-Hexanone
Concen: 263.159 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

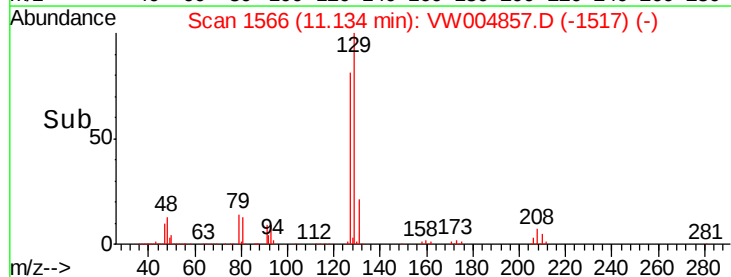
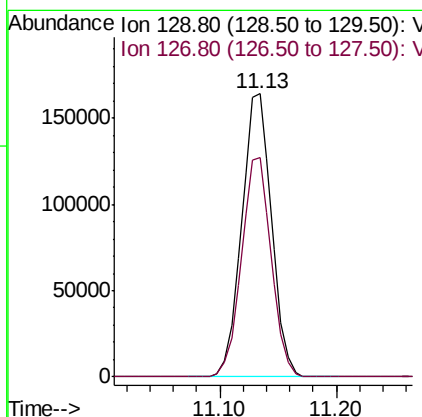
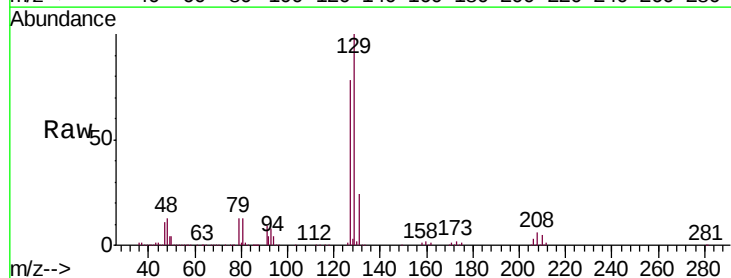
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

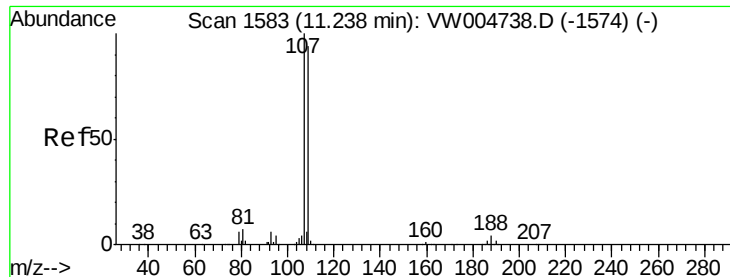
Tgt Ion: 43 Resp: 868180
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.4



#60
Dibromochloromethane
Concen: 51.864 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 129 Resp: 293091
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.241 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

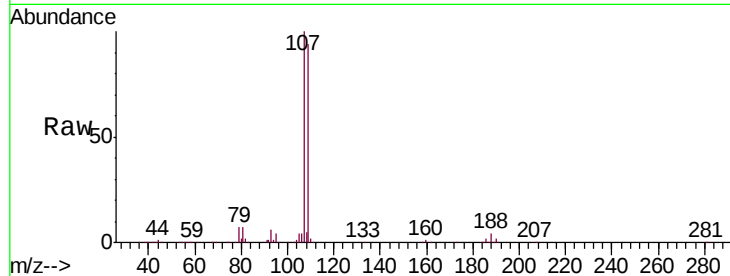
VSTDCCC050EC

Tgt Ion: 107 Resp: 246707

Ion Ratio Lower Upper

107 100

109 95.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

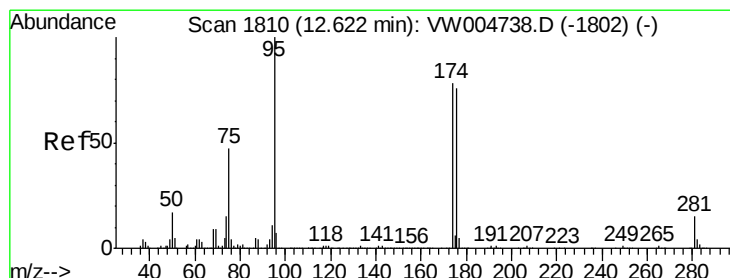
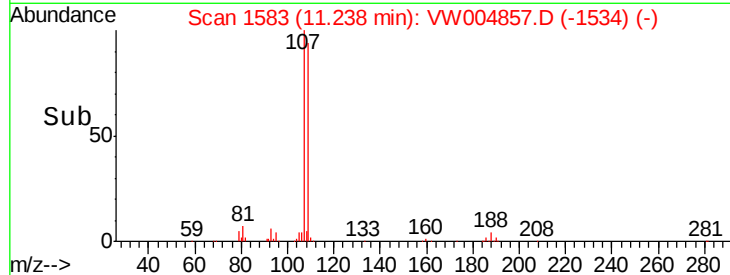
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.339 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

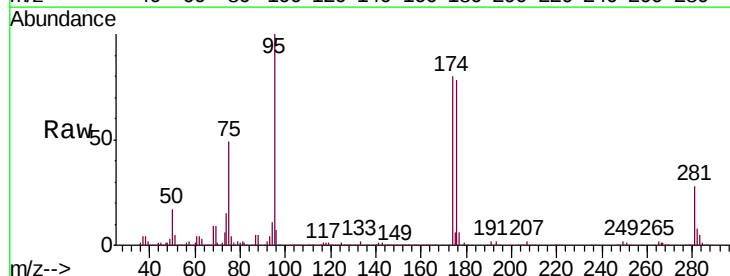
Tgt Ion: 95 Resp: 450059

Ion Ratio Lower Upper

95 100

174 82.5 0.0 165.8

176 79.5 0.0 159.8



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

12.62

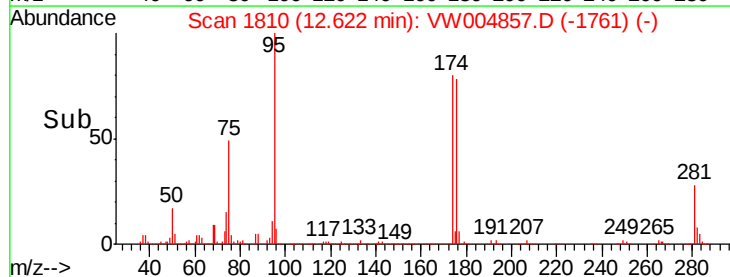
300000

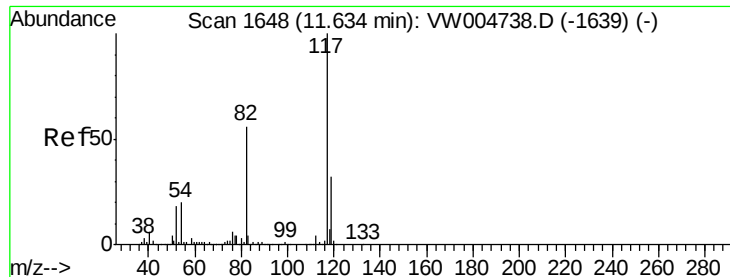
200000

100000

0

Time-->

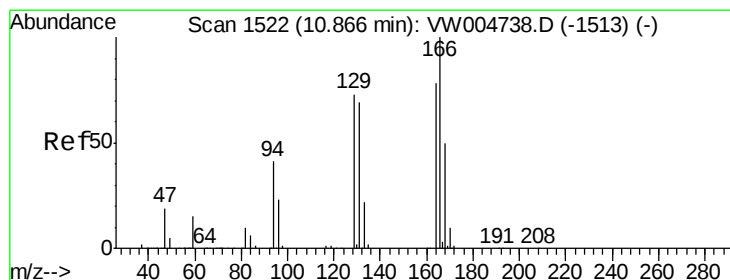
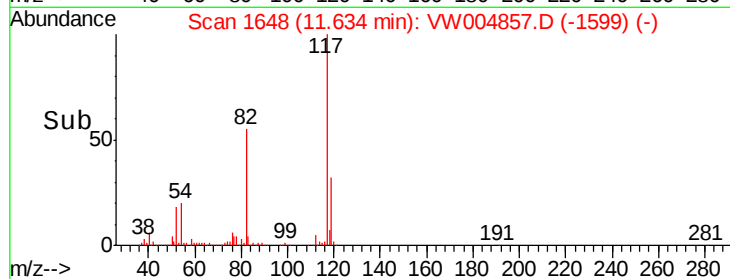
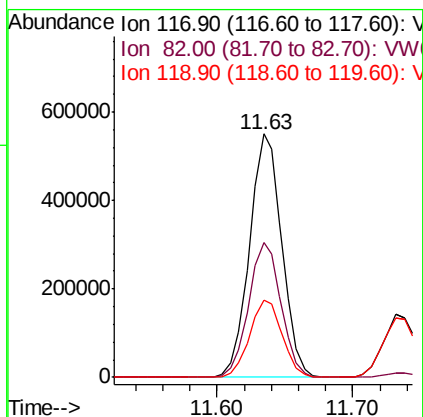
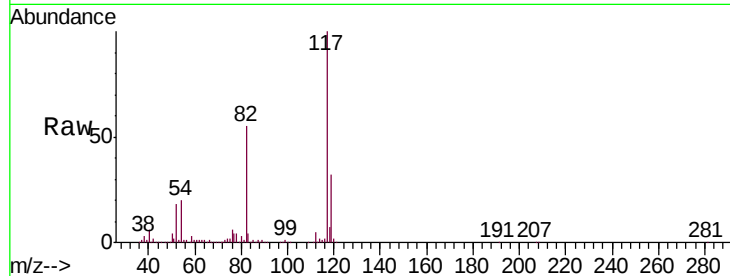




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

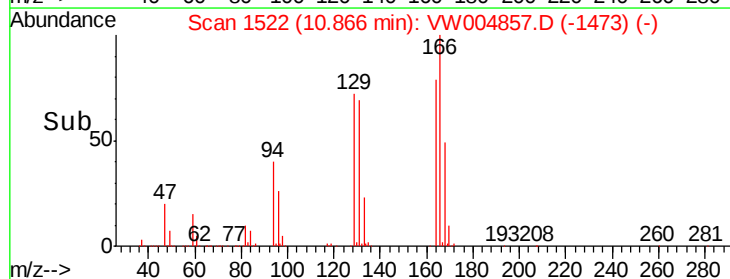
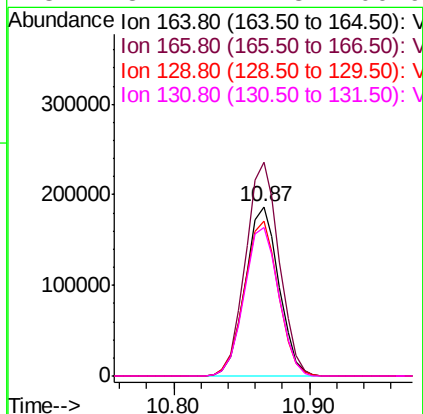
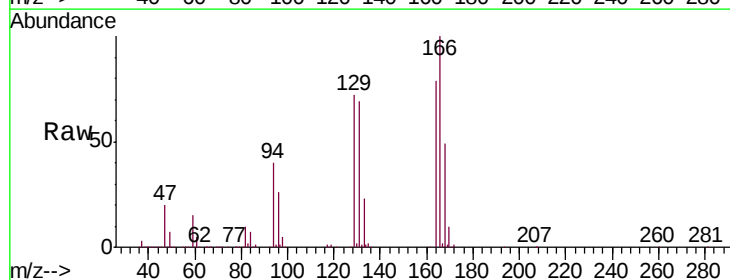
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

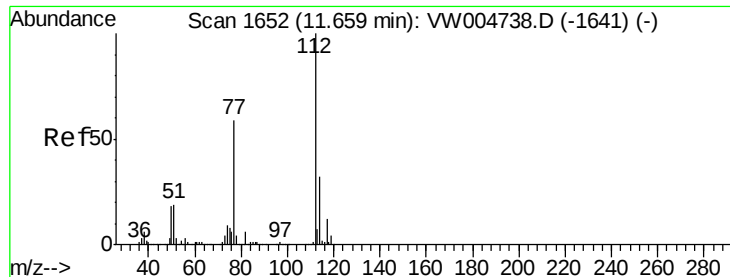
Tgt Ion:117 Resp: 915117
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 51.680 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion:164 Resp: 323210
Ion Ratio Lower Upper
164 100
166 126.1 102.5 153.7
129 91.2 75.1 112.7
131 87.4 71.3 106.9

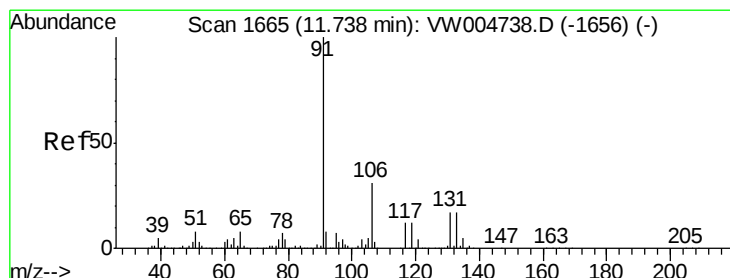
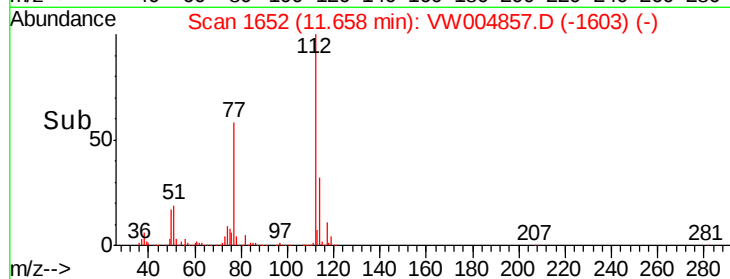
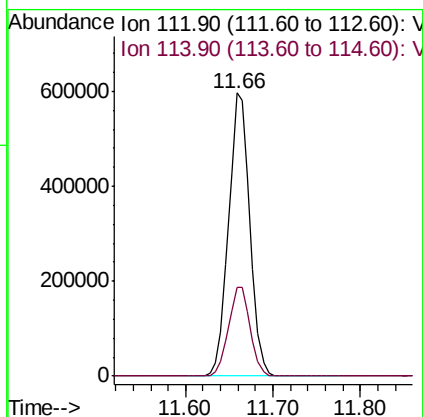
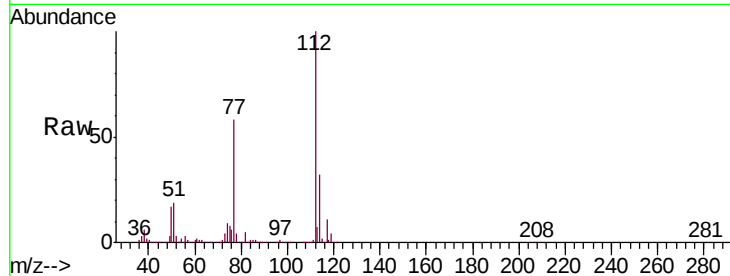




#65
Chlorobenzene
Concen: 50.944 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

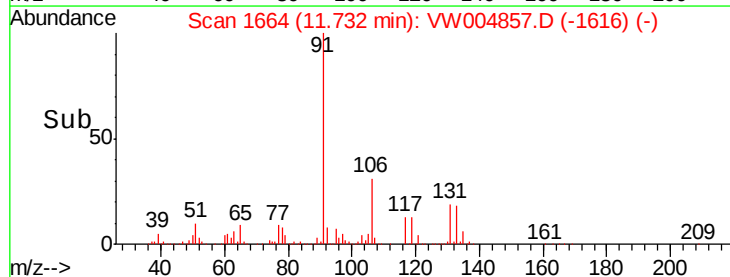
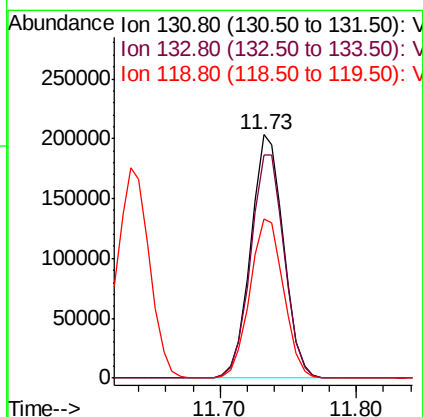
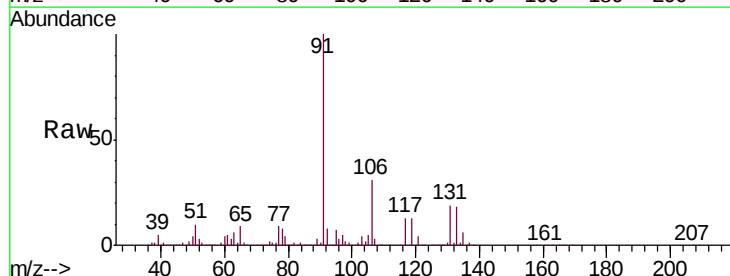
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

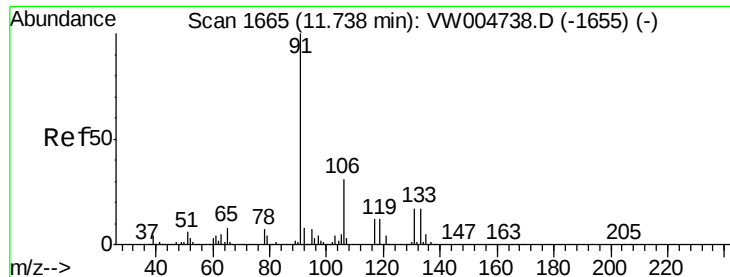
Tgt Ion:112 Resp: 1003408
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.536 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion:131 Resp: 342739
Ion Ratio Lower Upper
131 100
133 94.3 48.2 144.6
119 67.3 34.0 102.0

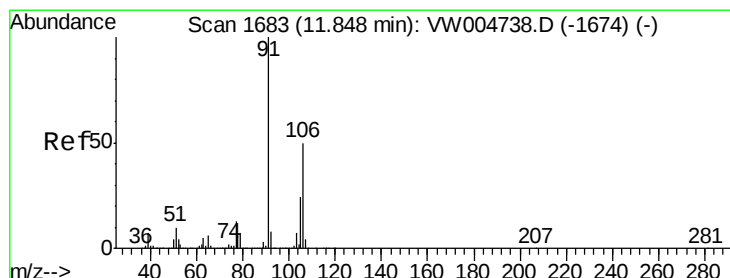
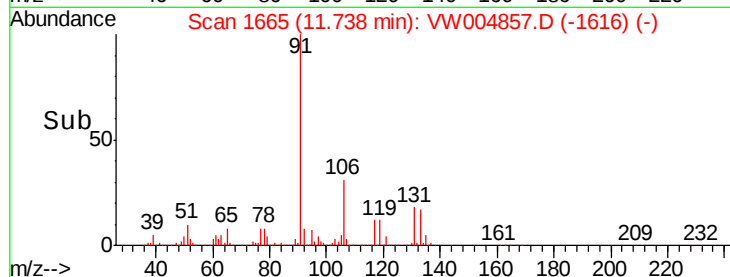
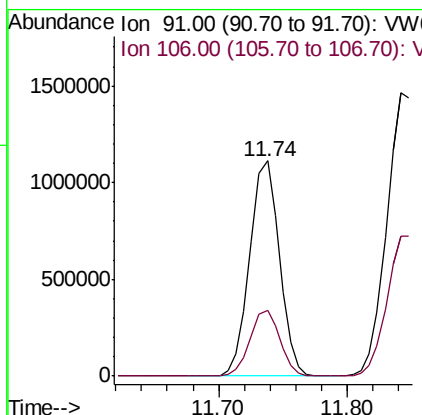
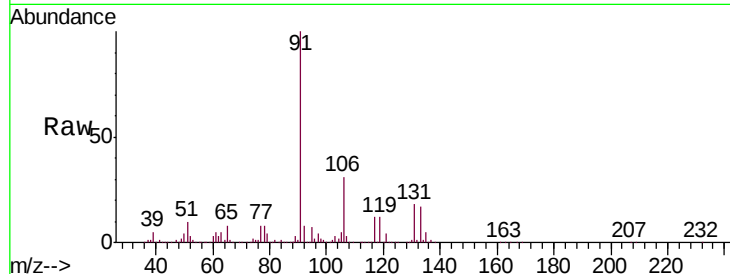




#67
Ethyl Benzene
Concen: 52.973 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

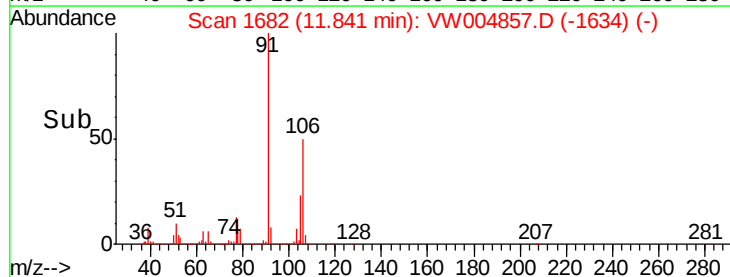
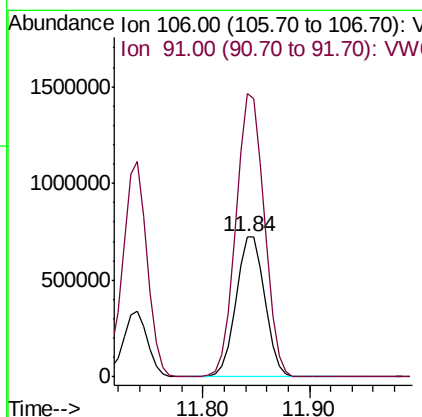
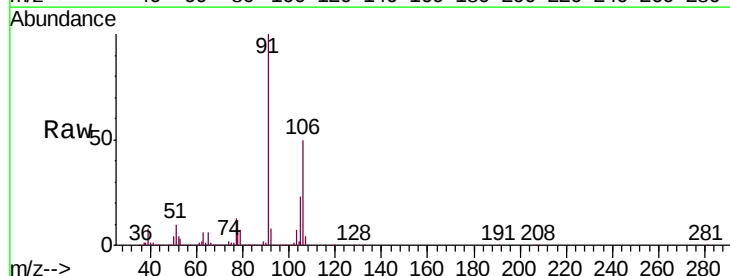
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

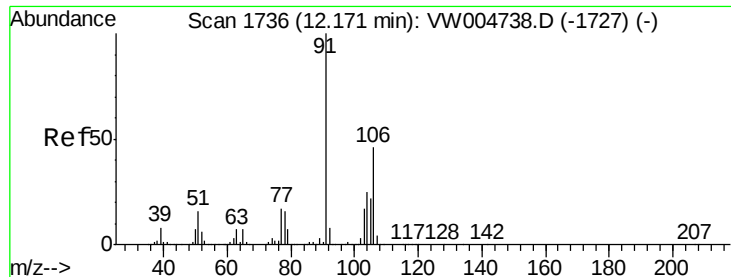
Tgt Ion: 91 Resp: 1768808
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 105.973 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 106 Resp: 1376676
Ion Ratio Lower Upper
106 100
91 199.8 159.9 239.9

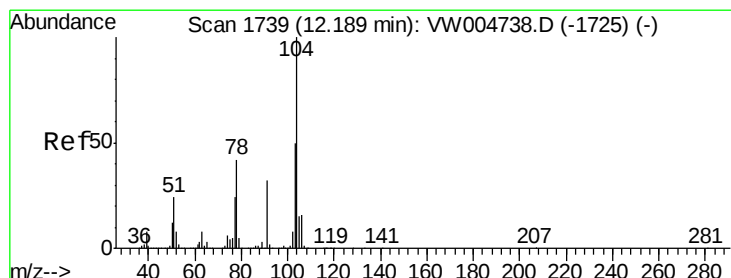
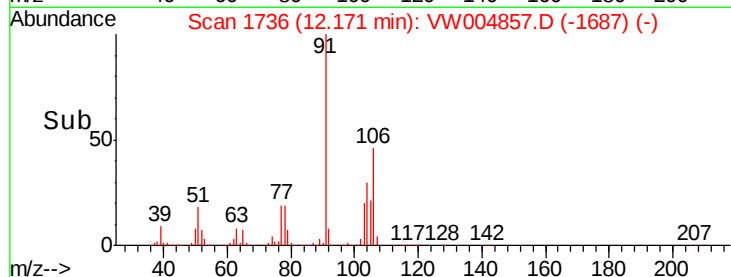
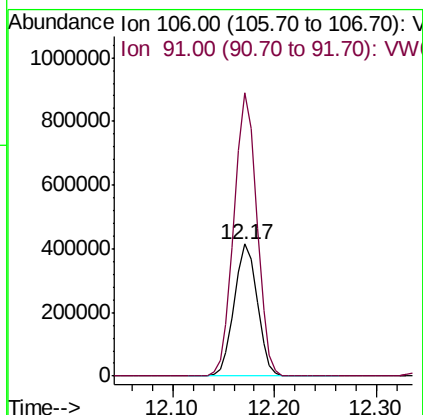
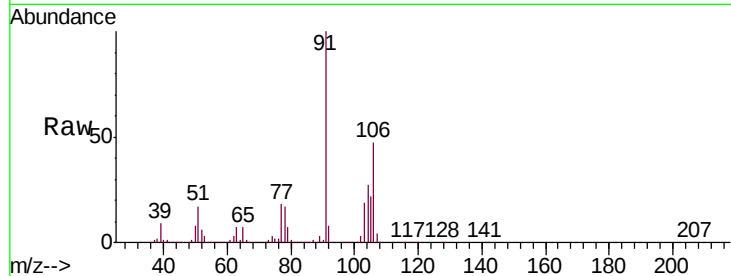




#69
o-Xylene
Concen: 53.771 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

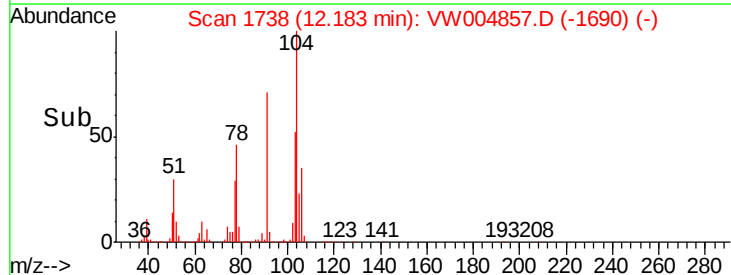
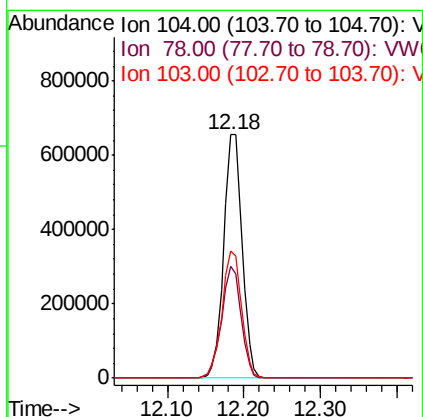
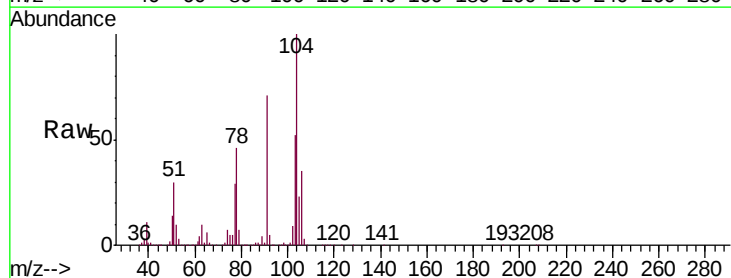
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

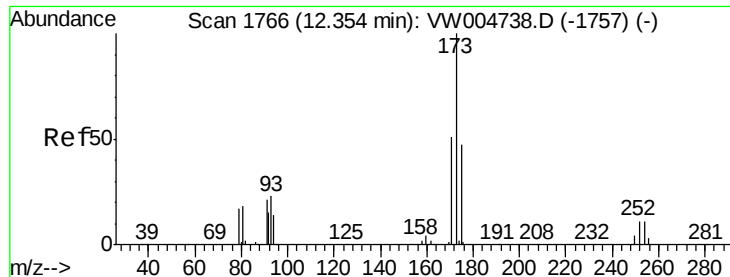
Tgt Ion:106 Resp: 646662
Ion Ratio Lower Upper
106 100
91 213.0 107.3 321.8



#70
Styrene
Concen: 54.309 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion:104 Resp: 1097109
Ion Ratio Lower Upper
104 100
78 48.2 38.4 57.6
103 55.2 44.1 66.1

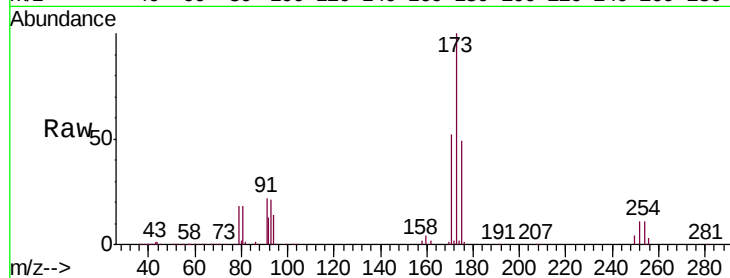




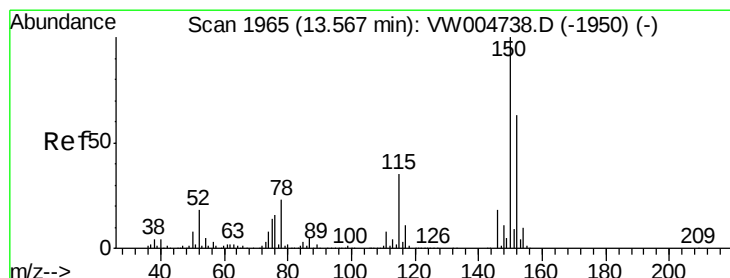
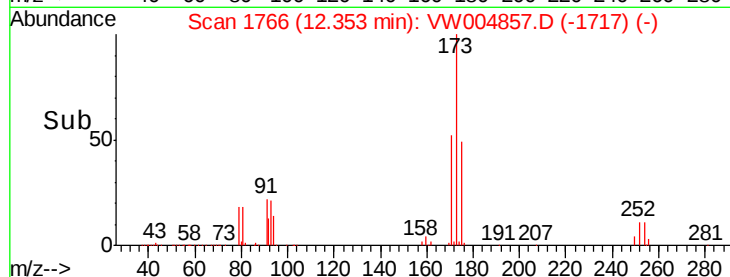
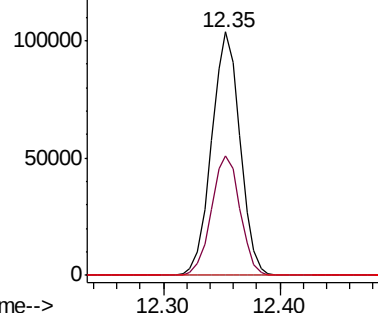
#71
Bromoform
Concen: 50.367 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 176798
Ion Ratio Lower Upper
173 100
175 49.5 23.8 71.4
254 0.2 0.1 0.1#

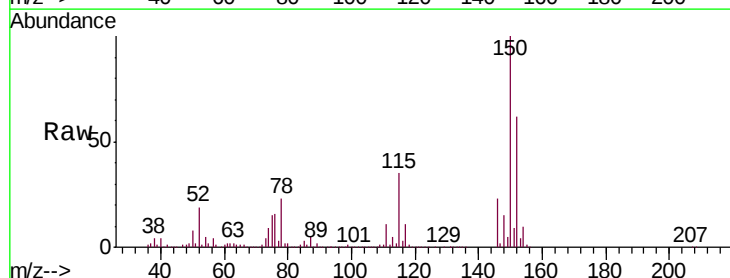


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

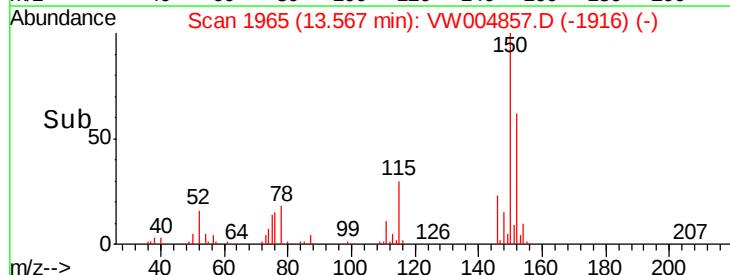
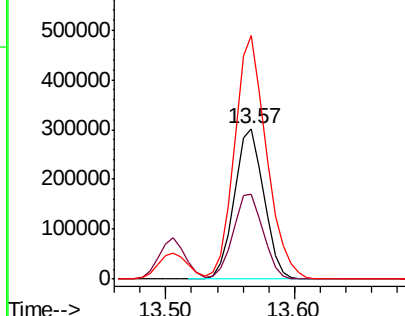


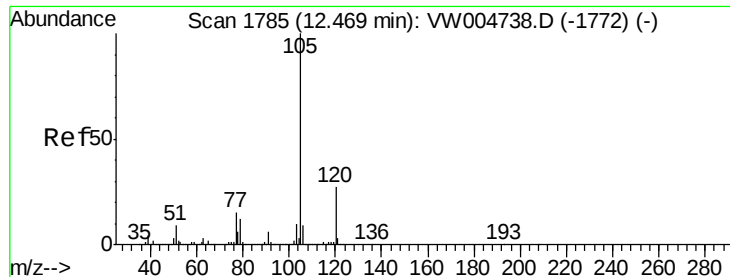
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion:152 Resp: 480030
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.5
150 175.1 0.0 344.8



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: 54.344 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

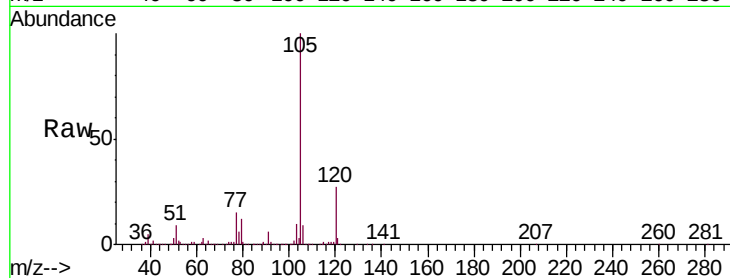
VSTDCCC050EC

Tgt Ion:105 Resp: 1774727

Ion Ratio Lower Upper

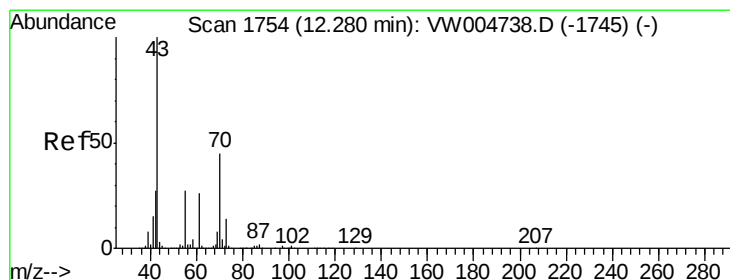
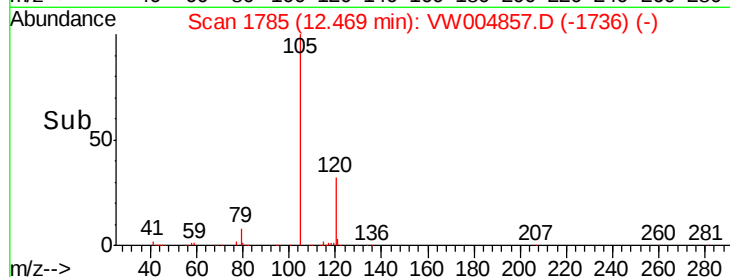
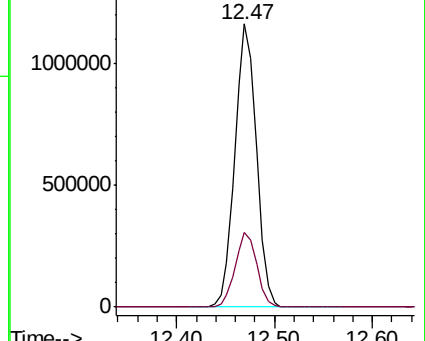
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.230 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion: 43 Resp: 367710

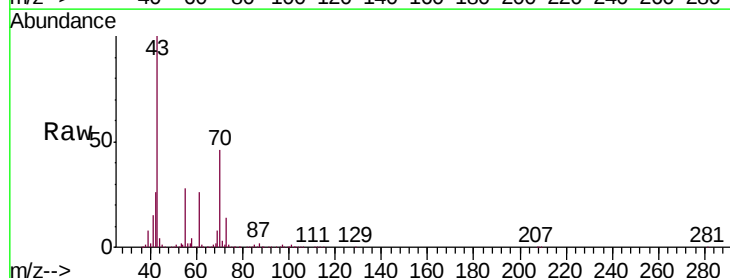
Ion Ratio Lower Upper

43 100

70 44.9 36.3 54.5

55 28.2 22.6 33.8

61 25.4 20.2 30.4

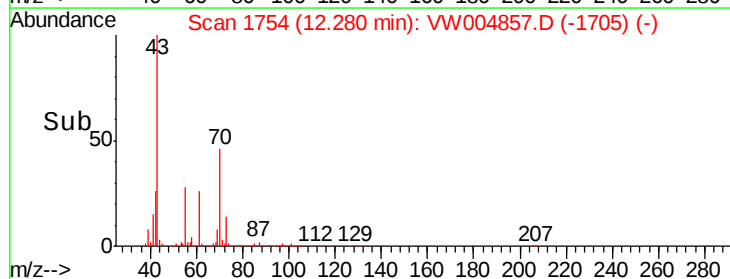
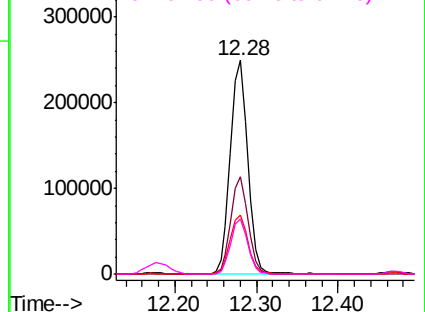


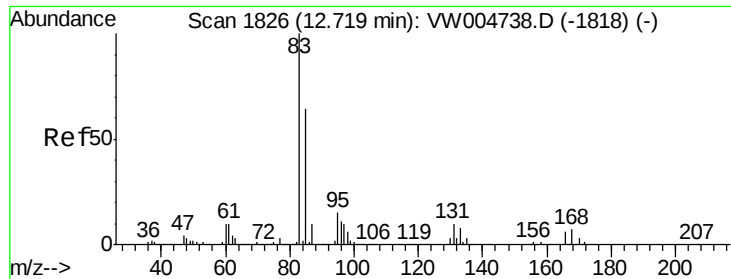
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 51.910 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

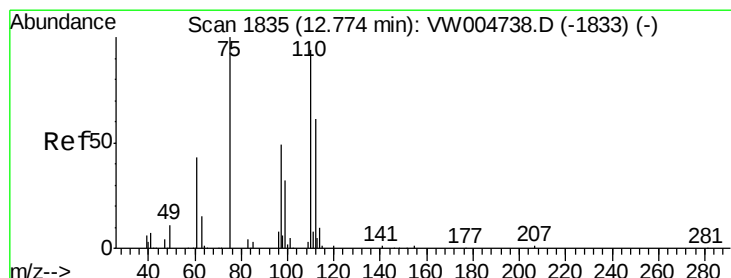
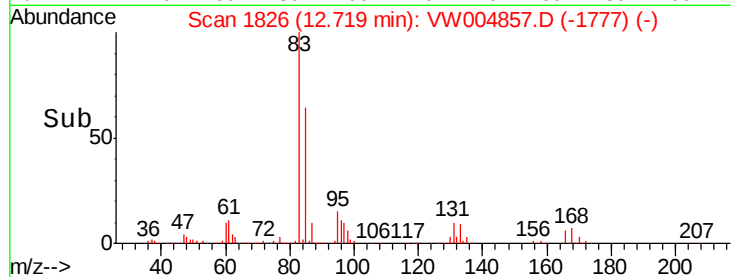
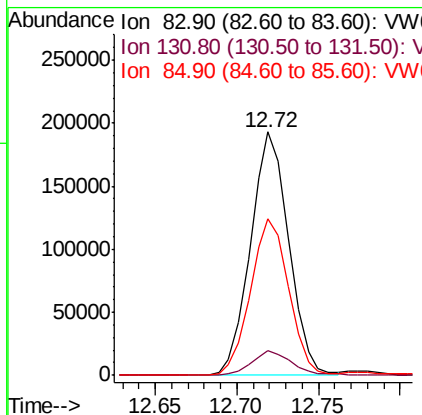
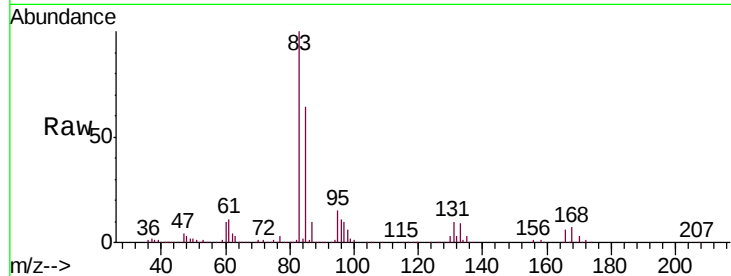
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	314034
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.8
85	64.5	31.9	95.9



#76

1,2,3-Trichloropropane

Concen: 95.029 ug/l

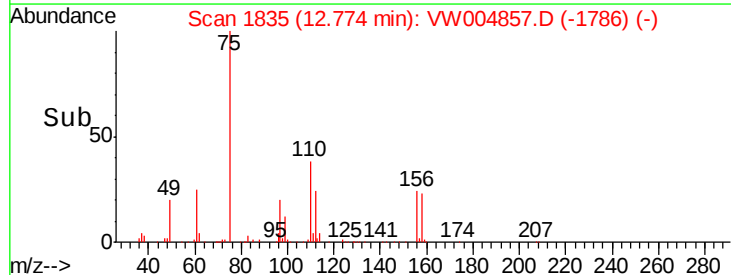
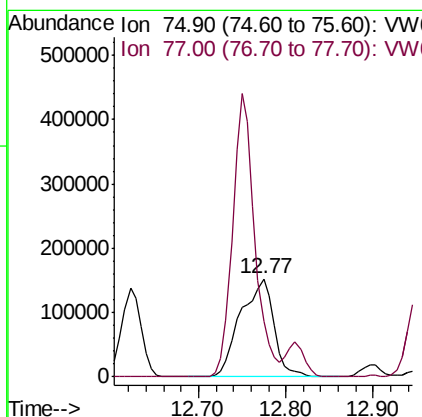
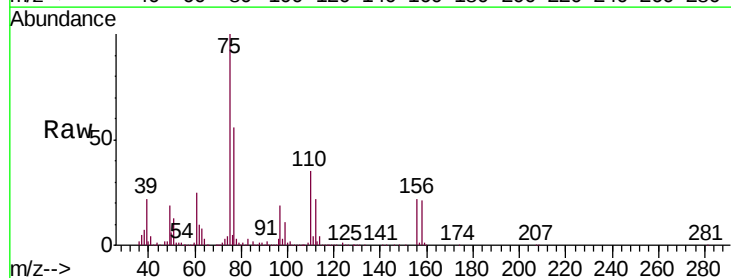
RT: 12.77 min Scan# 1835

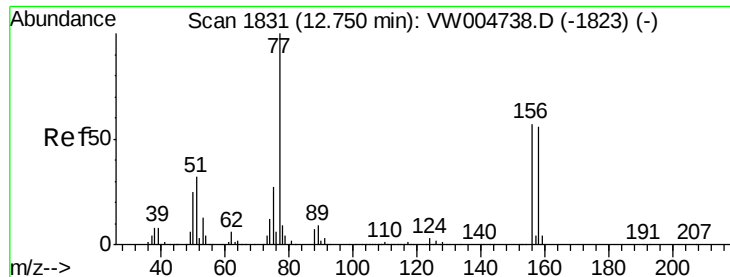
Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:	75	Resp:	402121
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.487 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

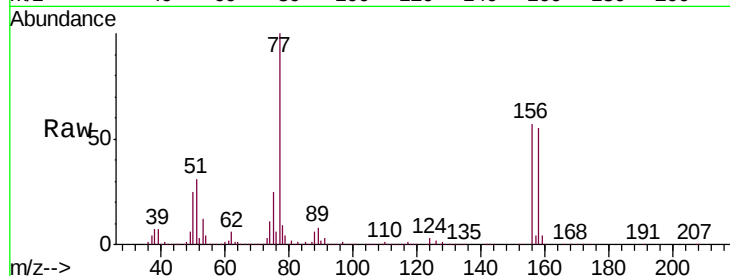
Tgt Ion:156 Resp: 414892

Ion Ratio Lower Upper

156 100

77 187.9 94.2 282.4

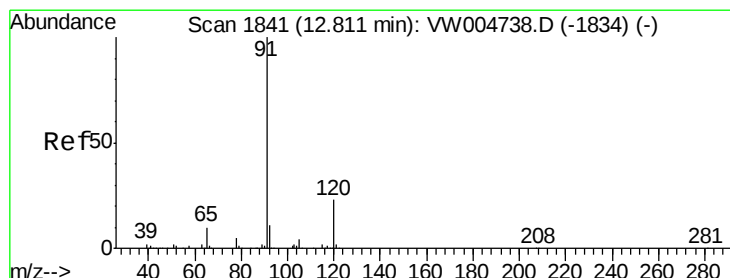
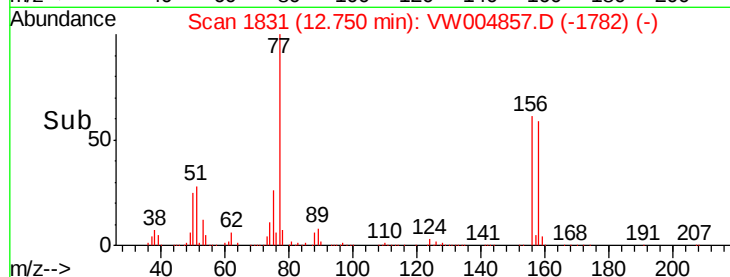
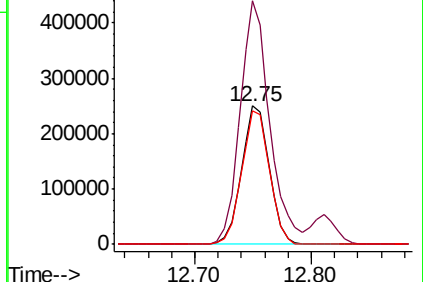
158 96.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.181 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004857.D

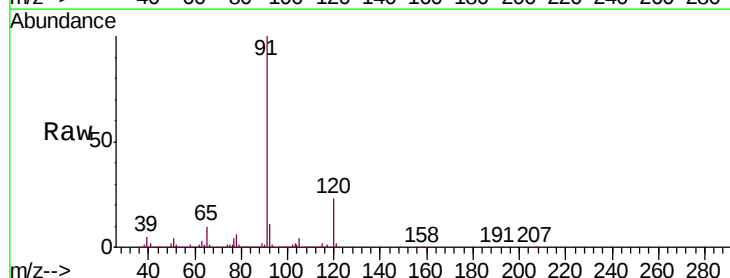
Acq: 21 Aug 2018 22:02

Tgt Ion: 91 Resp: 2159120

Ion Ratio Lower Upper

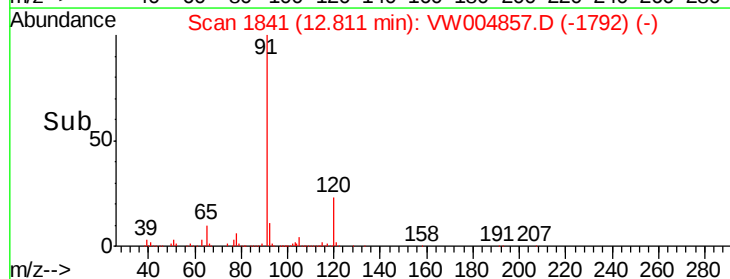
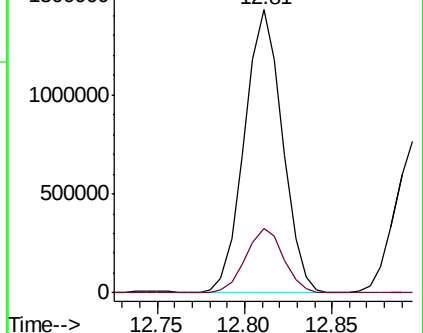
91 100

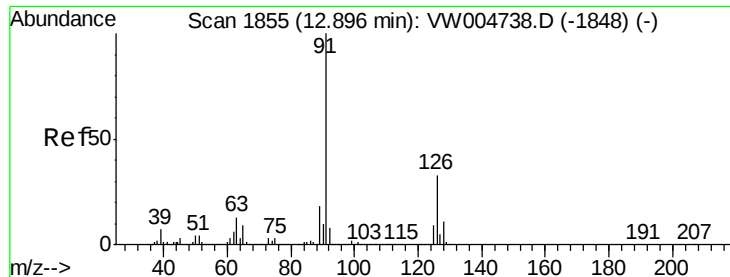
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

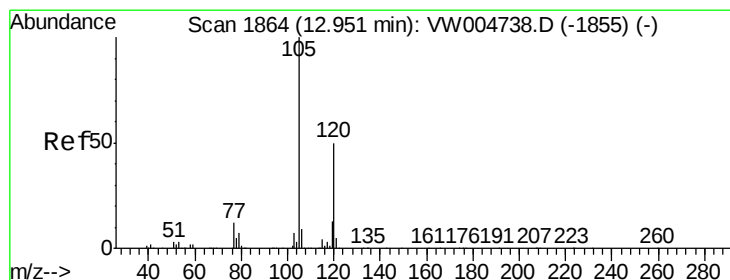
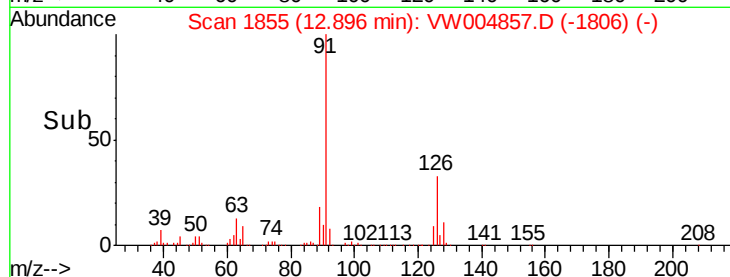
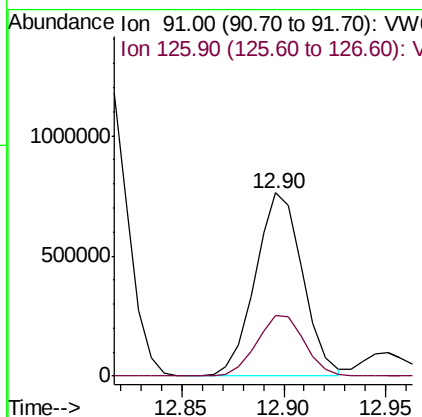
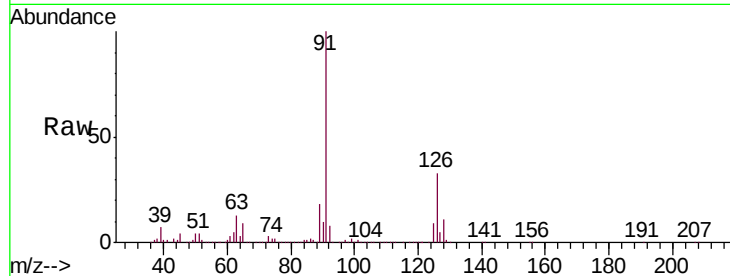




#79
 2-Chlorotoluene
 Concen: 53.555 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

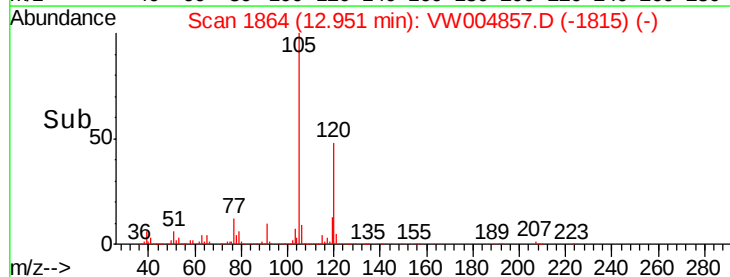
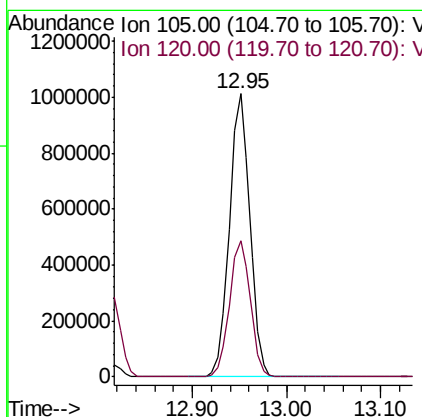
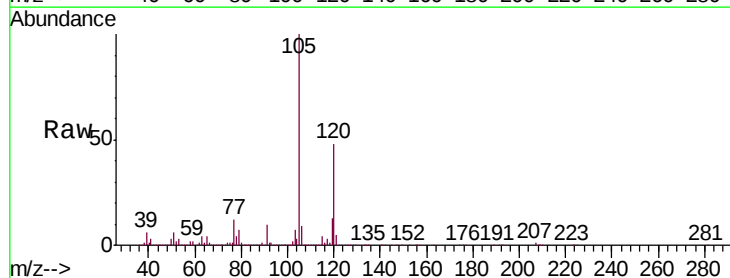
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

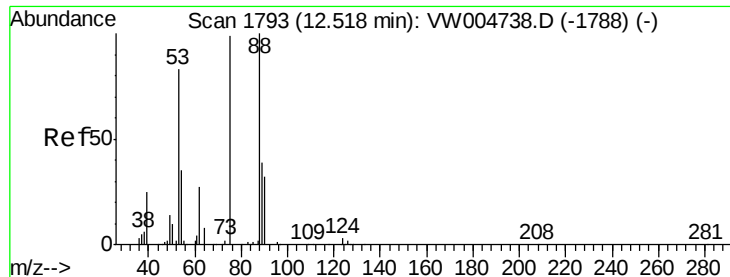
Tgt Ion: 91 Resp: 1230160
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.863 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion: 105 Resp: 1522111
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.234 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

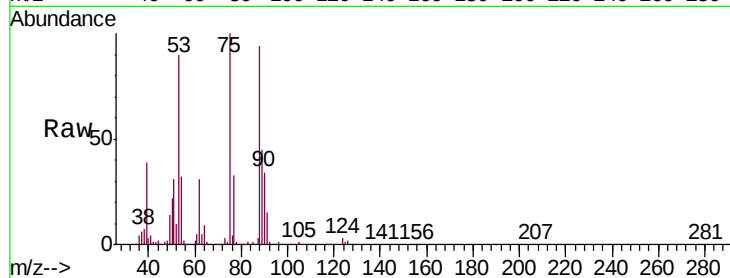
Tgt Ion: 75 Resp: 93277

Ion Ratio Lower Upper

75 100

53 91.2 72.2 108.4

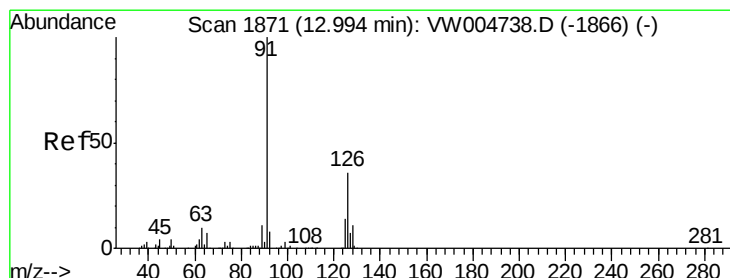
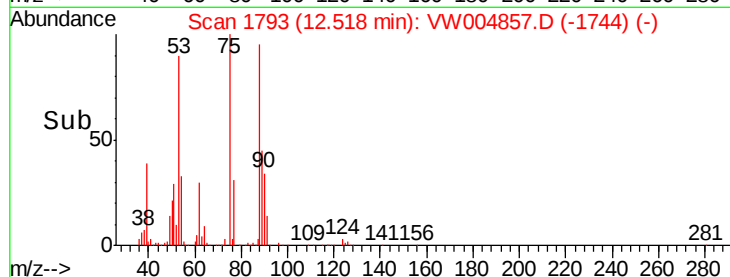
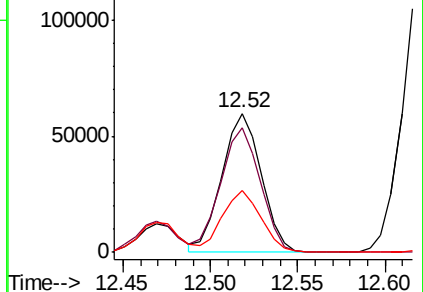
89 43.7 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 53.035 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004857.D

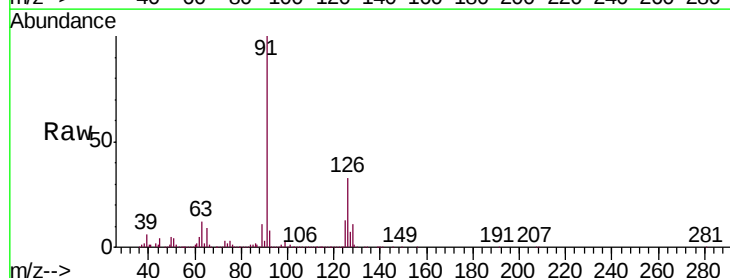
Acq: 21 Aug 2018 22:02

Tgt Ion: 91 Resp: 1294357

Ion Ratio Lower Upper

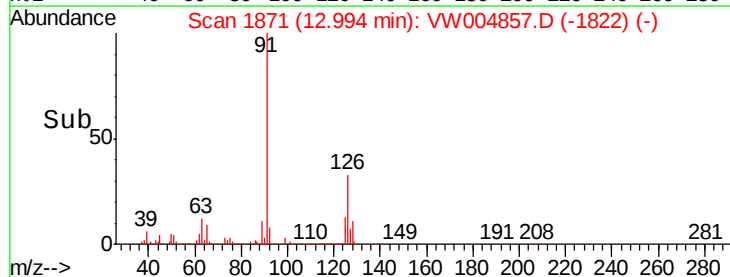
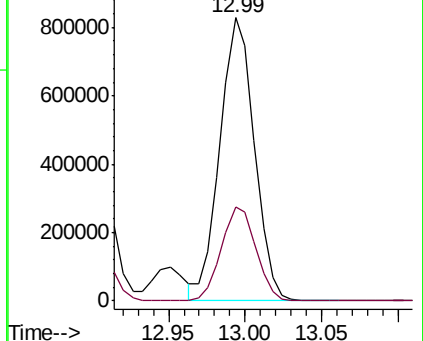
91 100

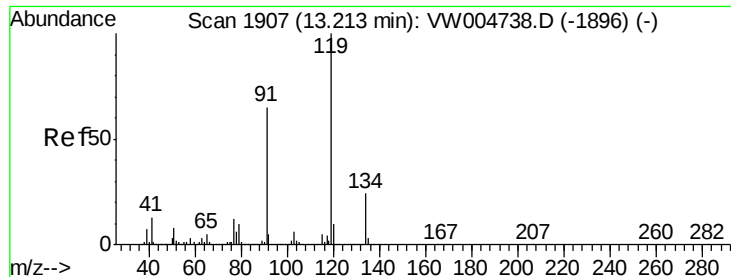
126 33.4 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

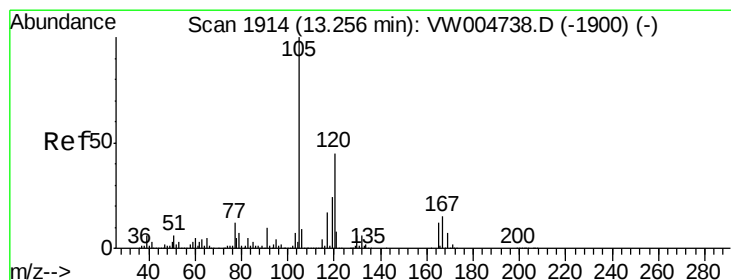
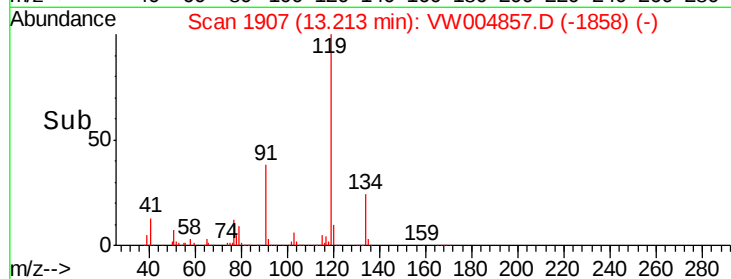
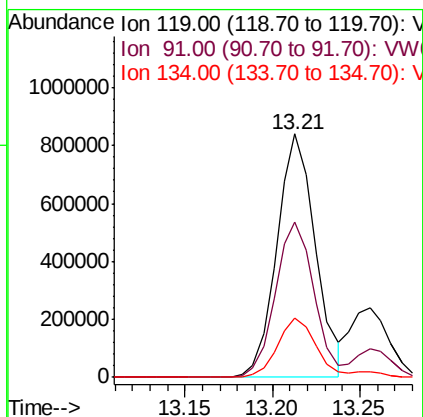
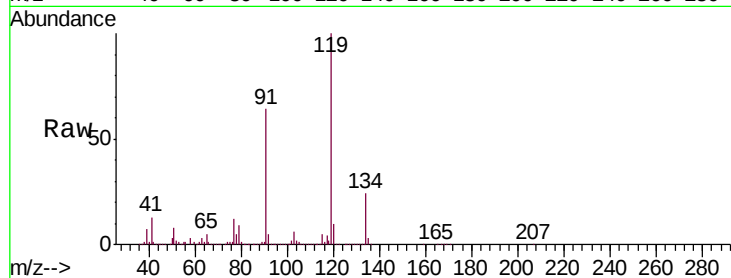




#83
 tert-Butylbenzene
 Concen: 54.590 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

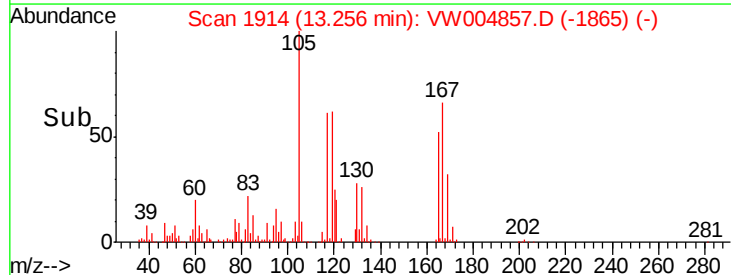
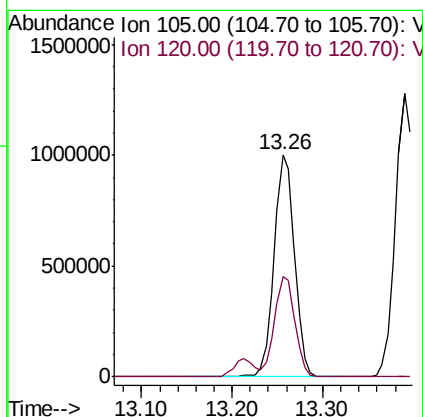
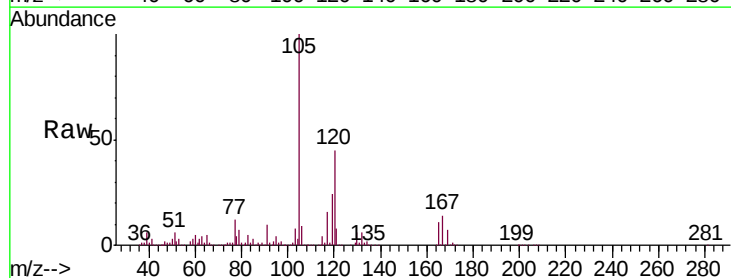
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

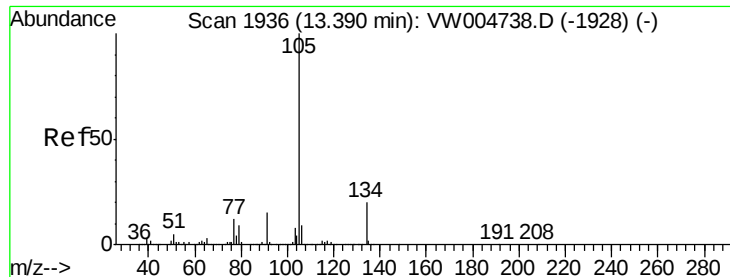
Tgt Ion:119 Resp: 1295434
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.6 97.8
 134 24.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.633 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion:105 Resp: 1559452
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.3

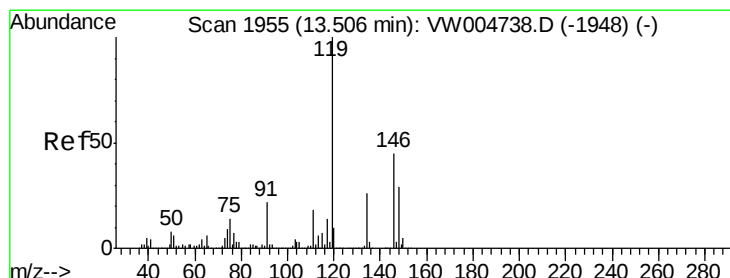
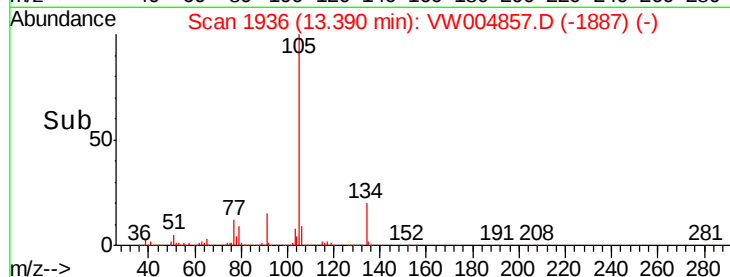
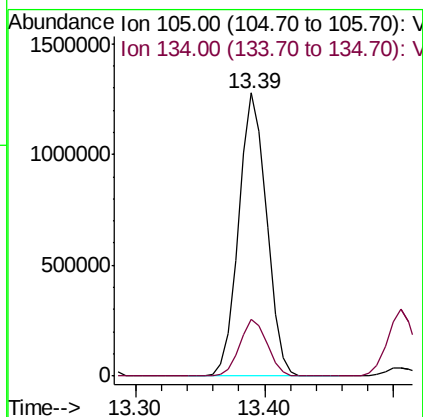
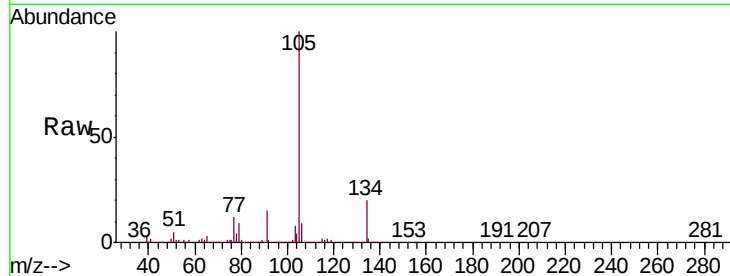




#85
 sec-Butylbenzene
 Concen: 53.862 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

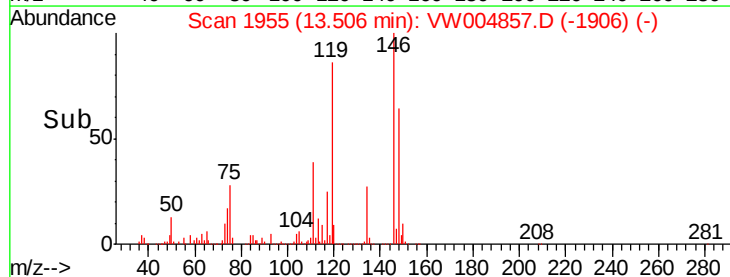
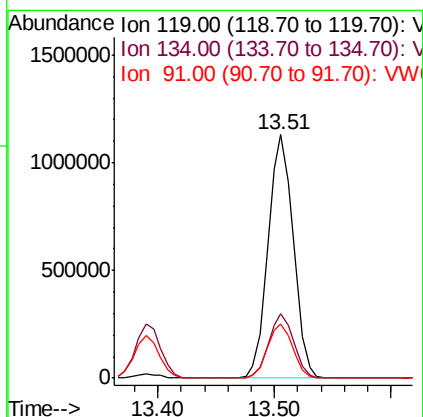
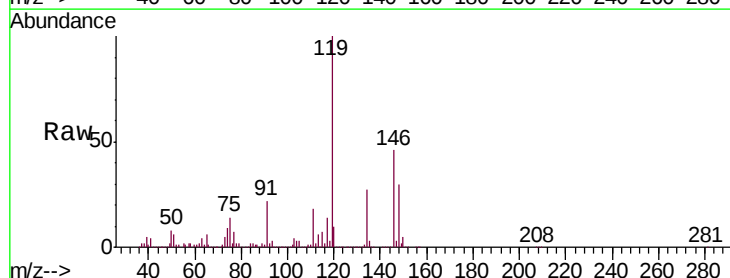
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

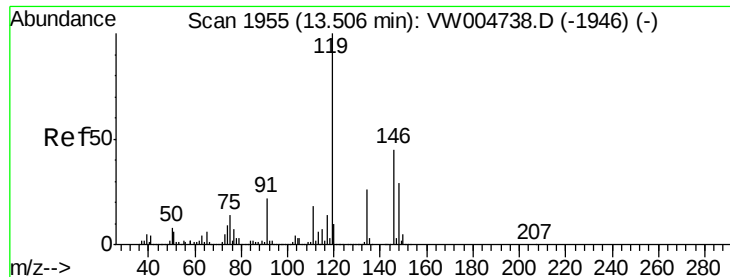
Tgt Ion:105 Resp: 1908332
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 54.469 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion:119 Resp: 1679129
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 22.2 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 52.178 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

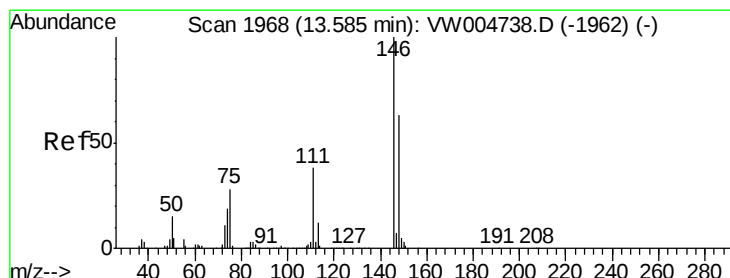
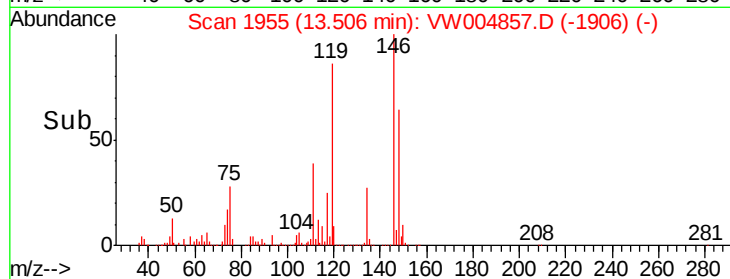
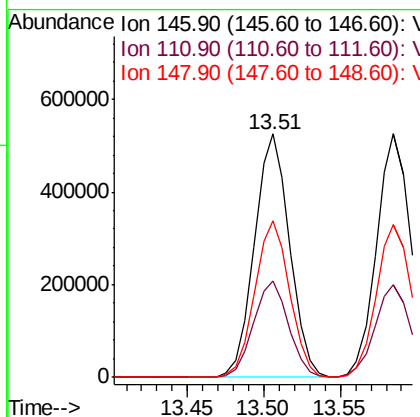
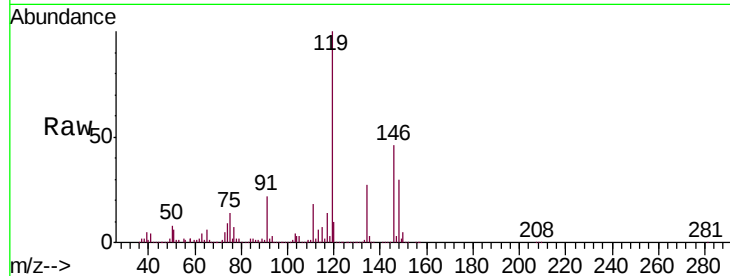
Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 838943

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.4
148	63.8	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 51.065 ug/l

RT: 13.58 min Scan# 1968

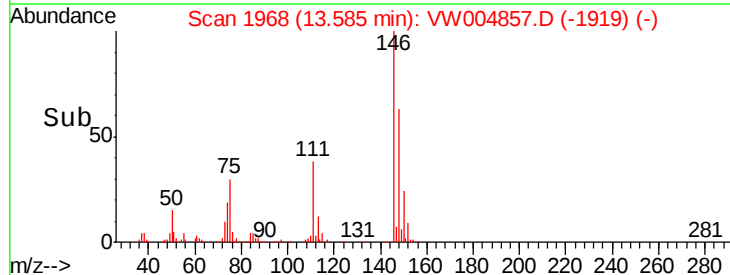
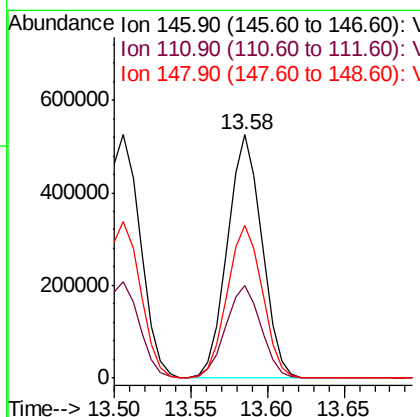
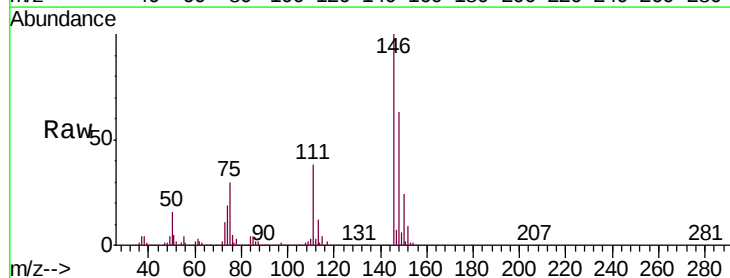
Delta R.T. -0.00 min

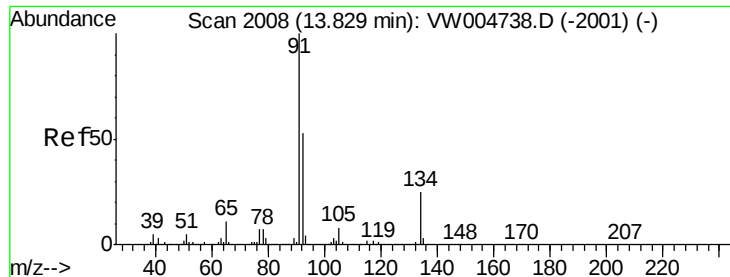
Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:146 Resp: 820724

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	63.9	31.8	95.3





#89

n-Butylbenzene

Concen: 52.913 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

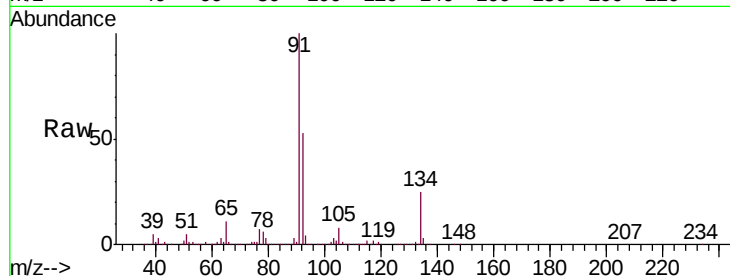
Tgt Ion: 91 Resp: 1577111

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

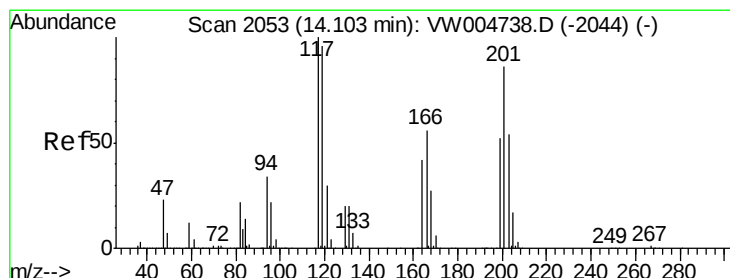
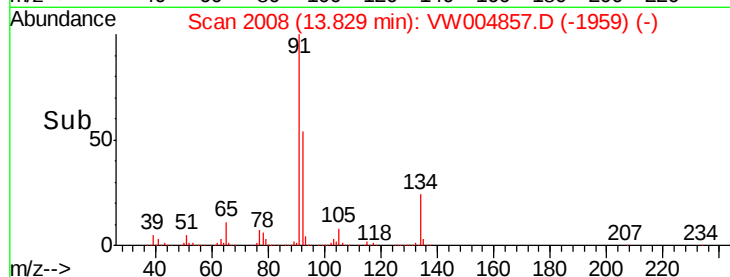
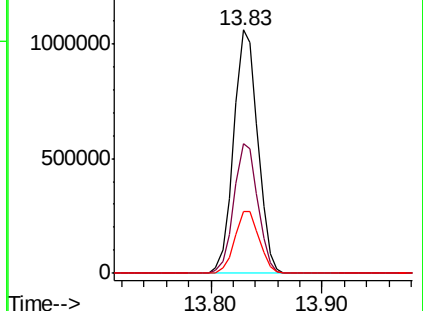
134 25.9 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.900 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW004857.D

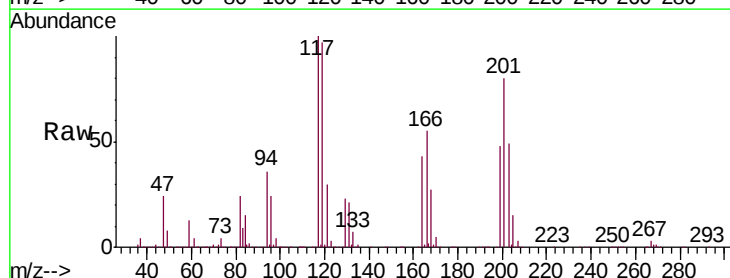
Acq: 21 Aug 2018 22:02

Tgt Ion: 117 Resp: 291636

Ion Ratio Lower Upper

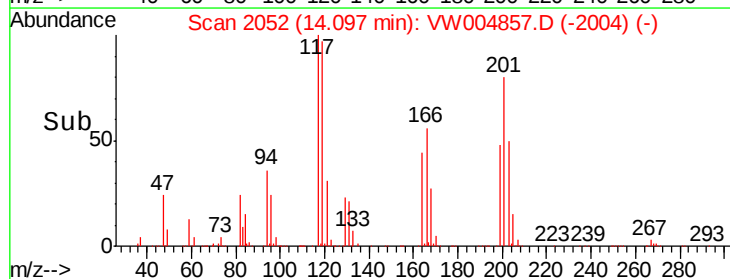
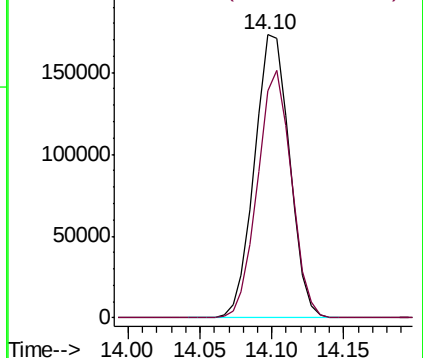
117 100

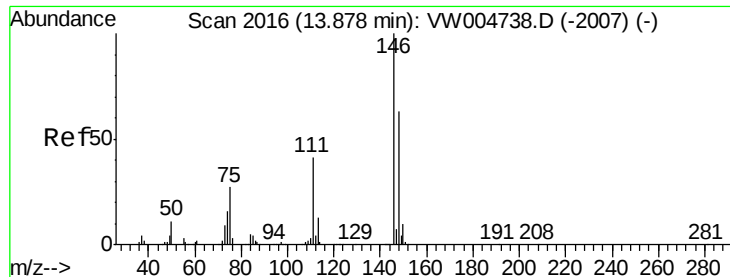
201 84.3 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 51.962 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

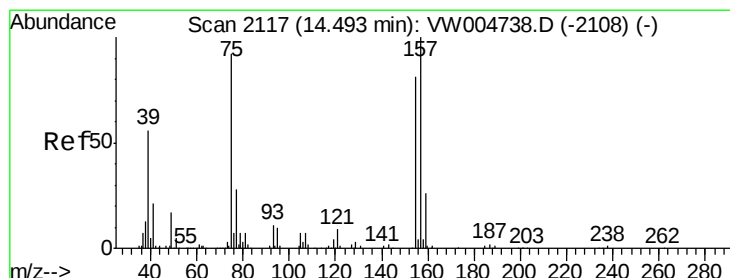
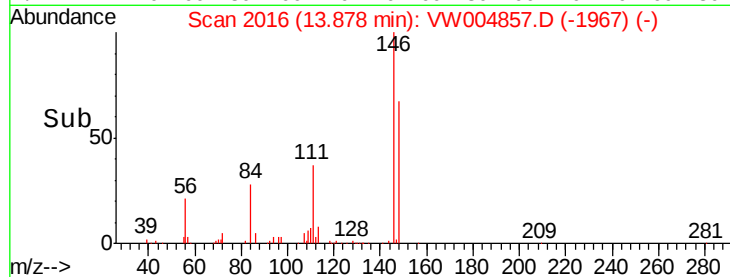
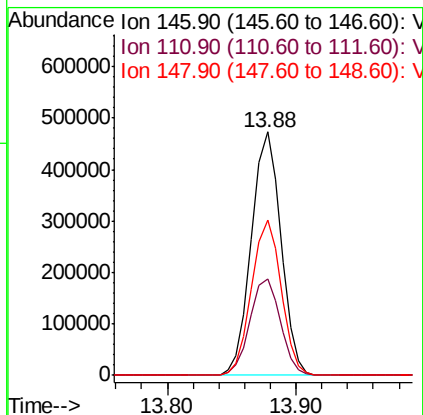
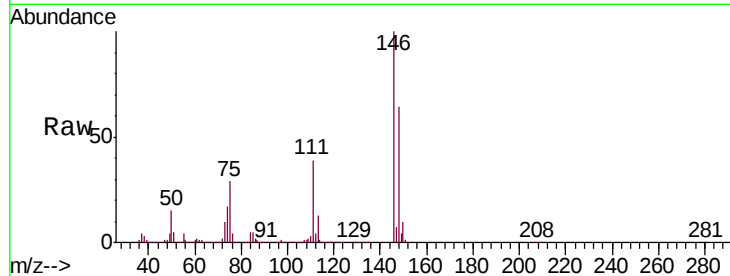
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	750414
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.9	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.486 ug/l

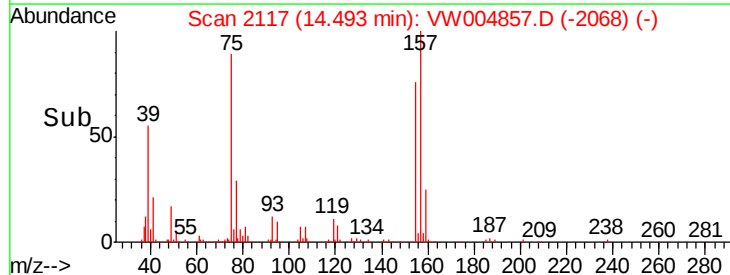
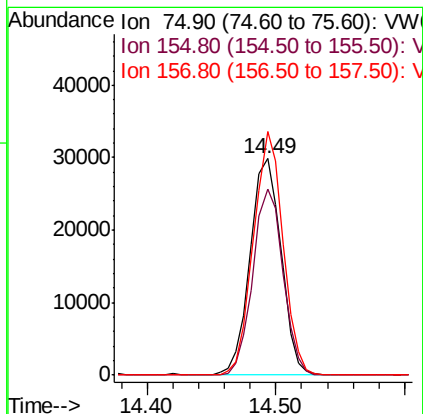
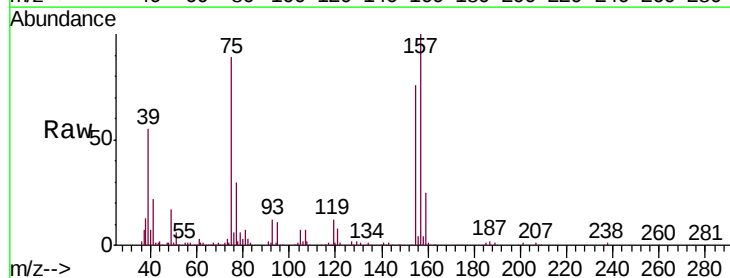
RT: 14.49 min Scan# 2117

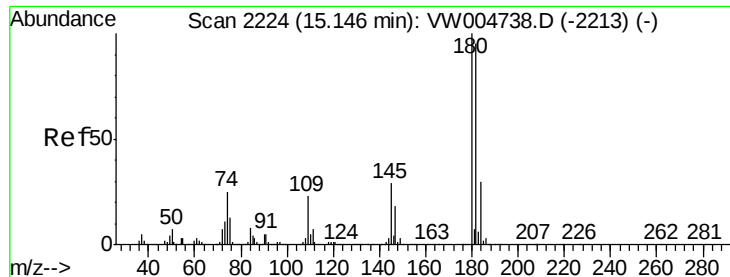
Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:	75	Resp:	49624
Ion	Ratio	Lower	Upper
75	100		
155	83.8	43.3	129.9
157	106.9	54.5	163.6

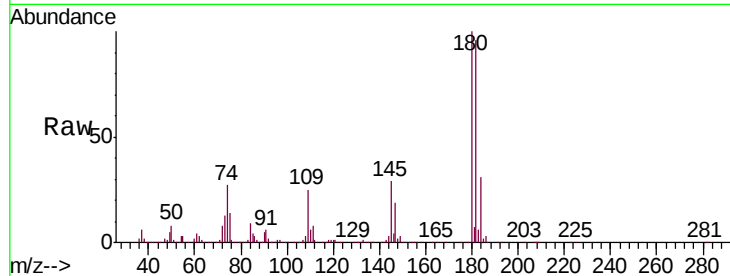




#93
 1,2,4-Trichlorobenzene
 Concen: 52.084 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	29.5	14.6	43.8

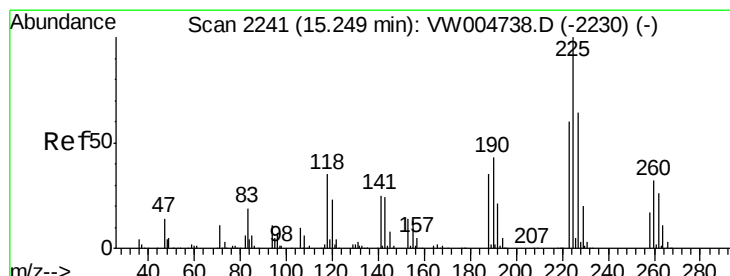
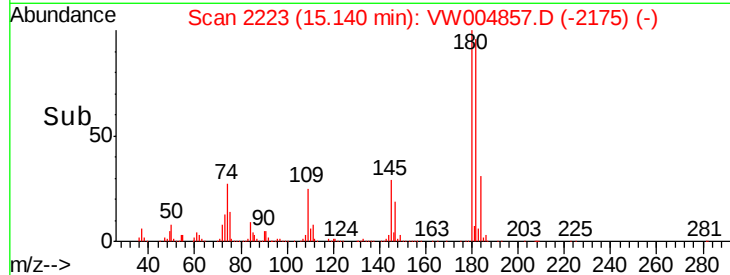
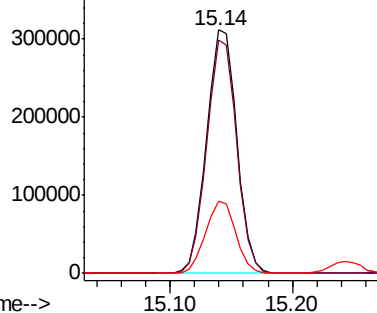


Abundance

Ion 179.80 (179.50 to 180.50): V

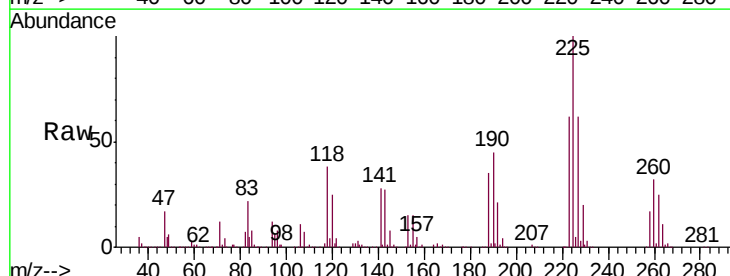
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.465 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.9	92.5
227	63.7	32.0	96.0

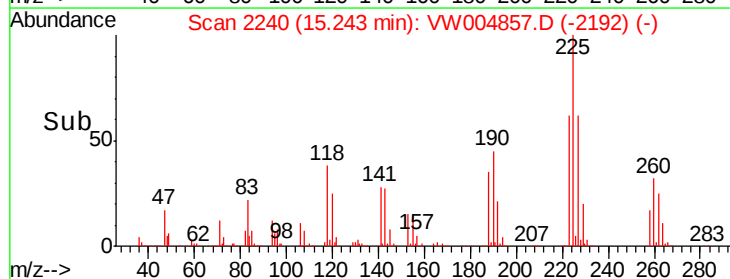
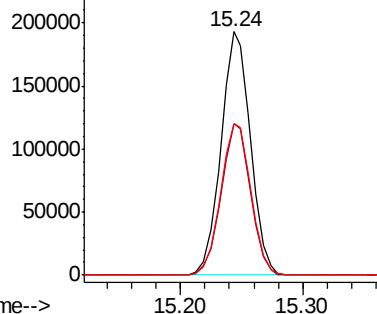


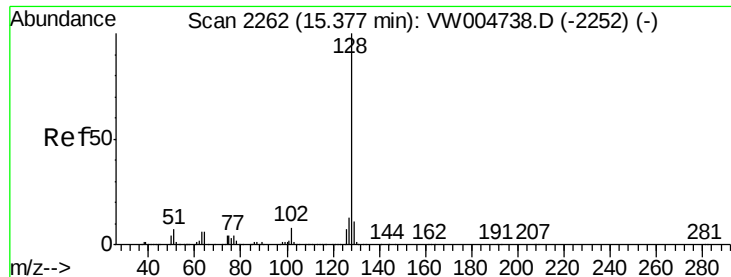
Abundance

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

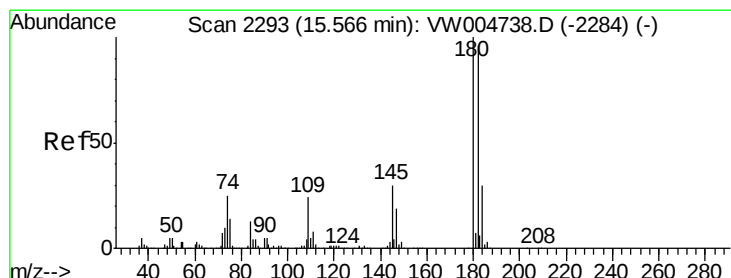
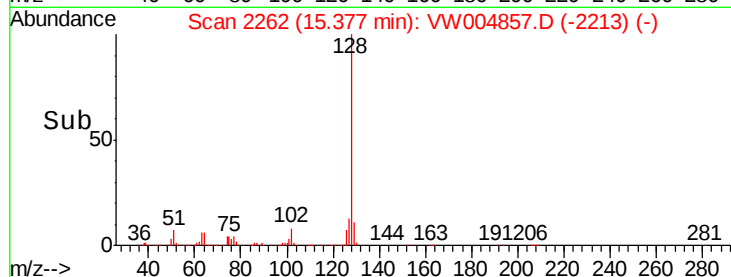
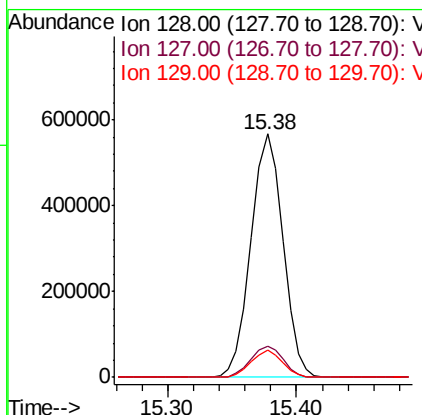
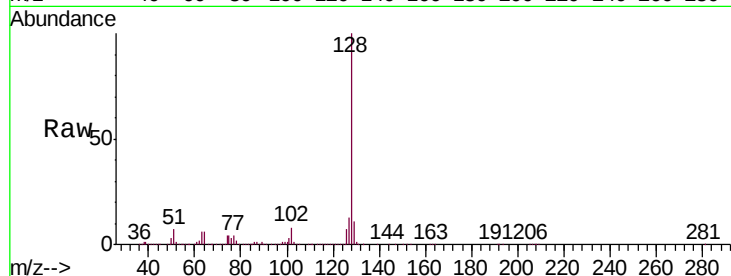




#95
Naphthalene
Concen: 49.389 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 976540
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.978 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion:180 Resp: 479869
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 31.1 15.4 46.1

