

Data File : VW005101.D
Acq On : 05 Sep 2018 01:44
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 05 05:16:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	462206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	653433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	663193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	379421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	188153	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.89	113	189836	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.33	98	923430	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	335644	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	163924	44.011	ug/l	99
3) Chloromethane	2.22	50	247935	45.872	ug/l	100
4) Vinyl Chloride	2.36	62	244731	46.562	ug/l	98
5) Bromomethane	2.76	94	174872	55.365	ug/l	95
6) Chloroethane	2.92	64	155585	47.556	ug/l	96
7) Trichlorofluoromethane	3.26	101	274742	46.468	ug/l	98
8) Diethyl Ether	3.68	74	101352	47.378	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	187309	46.122	ug/l	98
10) Methyl Iodide	4.28	142	257781	43.049	ug/l	100
11) Tert butyl alcohol	5.17	59	71911	335.863	ug/l	98
12) 1,1-Dichloroethene	4.04	96	174246	46.621	ug/l	99
13) Acrolein	3.90	56	89215	358.737	ug/l	99
14) Allyl chloride	4.68	41	271781	46.519	ug/l	98
15) Acrylonitrile	5.37	53	248415	275.305	ug/l	99
16) Acetone	4.12	43	213514	277.870	ug/l	97
17) Carbon Disulfide	4.39	76	637160	48.925	ug/l	100
18) Methyl Acetate	4.68	43	160570	71.036	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	473884	52.216	ug/l	99
20) Methylene Chloride	4.92	84	286965	55.730	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	211988	46.554	ug/l	98
22) Diisopropyl ether	6.32	45	616492	50.146	ug/l	99
23) Vinyl Acetate	6.26	43	1529805	236.902	ug/l	98
24) 1,1-Dichloroethane	6.23	63	357509	46.524	ug/l	100
25) 2-Butanone	7.18	43	358766	269.188	ug/l	99
26) 2,2-Dichloropropane	7.18	77	276199	43.738	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	236571	47.492	ug/l	99
28) Bromochloromethane	7.52	49	172799	55.869	ug/l	96
29) Tetrahydrofuran	7.54	42	186225	273.462	ug/l	98
30) Chloroform	7.68	83	366358	46.711	ug/l	98
31) Cyclohexane	7.96	56	340283	45.219	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	323572	47.370	ug/l	100
36) 1,1-Dichloropropene	8.09	75	304969	49.005	ug/l	99
37) Ethyl Acetate	7.26	43	122556	52.659	ug/l	100
38) Carbon Tetrachloride	8.07	117	288904	48.823	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	379179	50.382	ug/l	99
40) Benzene	8.33	78	939572	49.317	ug/l	100
41) Methacrylonitrile	7.49	41	71660	53.141	ug/l	92
42) 1,2-Dichloroethane	8.41	62	231115	49.568	ug/l	99
43) Isopropyl Acetate	8.43	43	219232	51.766	ug/l	99
44) Trichloroethene	9.10	130	252417	49.105	ug/l	92
45) 1,2-Dichloropropane	9.37	63	231130	49.661	ug/l	99
46) Dibromomethane	9.46	93	114679	51.529	ug/l	100
47) Bromodichloromethane	9.65	83	280640	50.081	ug/l	97
48) Methyl methacrylate	9.44	41	117313	57.527	ug/l	100
49) 1,4-Dioxane	9.45	88	48221	1339.847	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	860224	303.074	ug/l	99
52) Toluene	10.39	92	670246	51.921	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	287743	52.257	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	341973	51.068	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	180182	52.291	ug/l	97
56) Ethyl methacrylate	10.65	69	232915	59.249	ug/l	99
57) 1,3-Dichloropropane	10.94	76	299422	52.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	573149	307.688	ug/l	99
59) 2-Hexanone	10.98	43	610481	318.003	ug/l	99
60) Dibromochloromethane	11.13	129	207888	53.366	ug/l	100
61) 1,2-Dibromoethane	11.24	107	166684	53.580	ug/l	100
64) Tetrachloroethene	10.87	164	265358	50.996	ug/l	95
65) Chlorobenzene	11.66	112	748370	50.125	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	227839	49.938	ug/l	99
67) Ethyl Benzene	11.74	91	1290309	51.122	ug/l	99
68) m/p-Xylenes	11.85	106	1053750	104.271	ug/l	100
69) o-Xylene	12.17	106	490377	52.483	ug/l	98
70) Styrene	12.19	104	836065	54.169	ug/l	99
71) Bromoform	12.35	173	132193	54.668	ug/l	98
73) Isopropylbenzene	12.47	105	1307304	48.865	ug/l	100
74) N-amyl acetate	12.28	43	232187	50.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	213319	52.378	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	273342	95.976	ug/l #	100
77) Bromobenzene	12.75	156	324241	49.187	ug/l	99
78) n-propylbenzene	12.81	91	1590544	49.248	ug/l	100
79) 2-Chlorotoluene	12.90	91	916908	48.662	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1158022	50.053	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	61026	51.574	ug/l	99
82) 4-Chlorotoluene	12.99	91	974354	48.971	ug/l	100
83) tert-Butylbenzene	13.21	119	968044	50.104	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1190032	50.506	ug/l	100
85) sec-Butylbenzene	13.39	105	1397932	49.234	ug/l	99
86) p-Isopropyltoluene	13.51	119	1276016	50.768	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	664089	49.044	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	663074	49.365	ug/l	100
89) n-Butylbenzene	13.83	91	1178717	50.603	ug/l	100
90) Hexachloroethane	14.10	117	198427	47.528	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	604228	51.196	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36144	56.791	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Quantitation Report (Not Reviewed)

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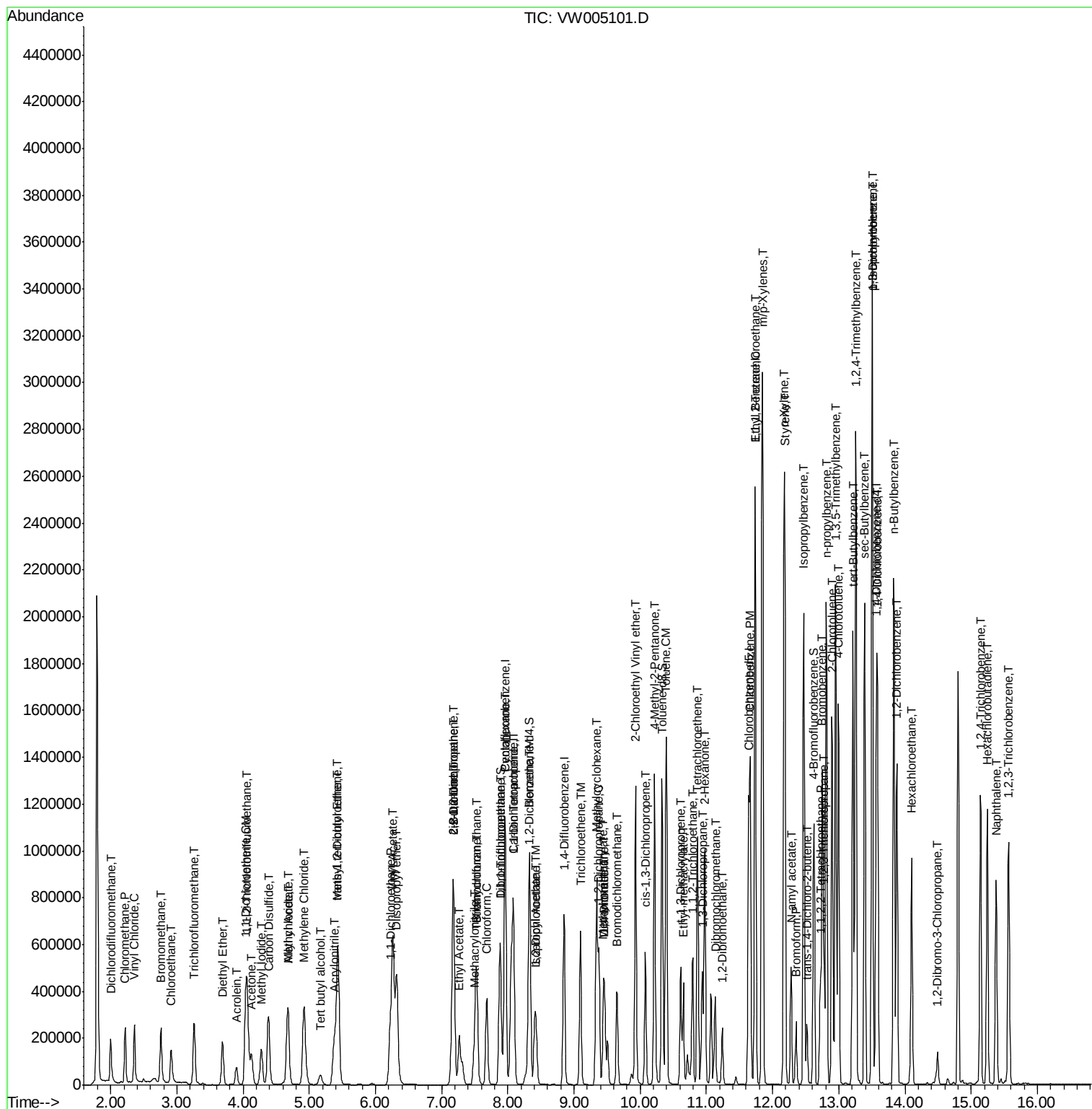
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	436582	55.168	ug/l	100
94) Hexachlorobutadiene	15.24	225	257112	52.238	ug/l	99
95) Naphthalene	15.38	128	756993	54.911	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	388808	57.410	ug/l	99

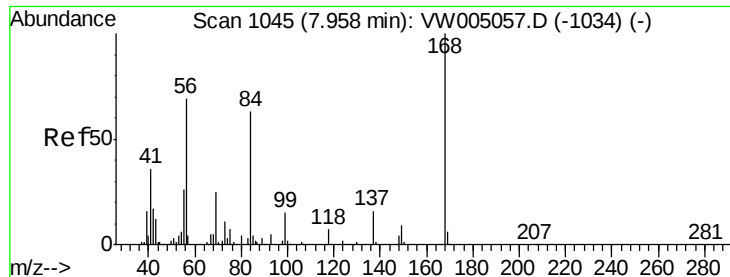
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

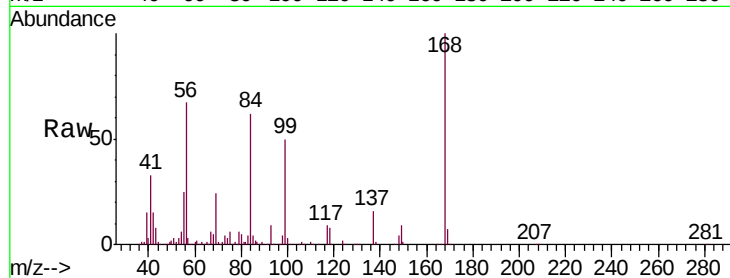
VSTDCCC050

Tgt Ion:168 Resp: 462206

Ion Ratio Lower Upper

168 100

99 49.4 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

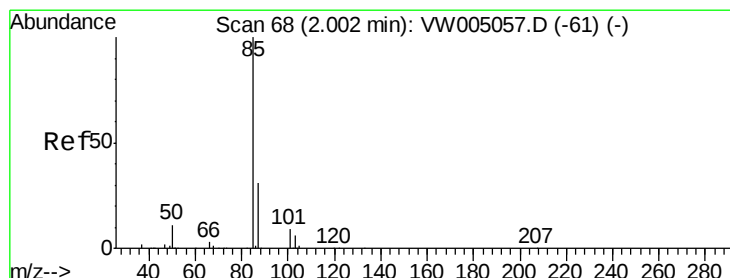
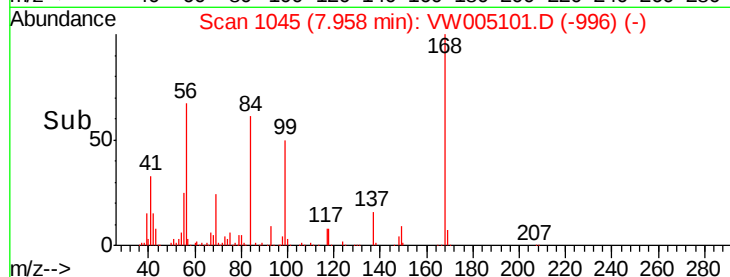
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.011 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005101.D

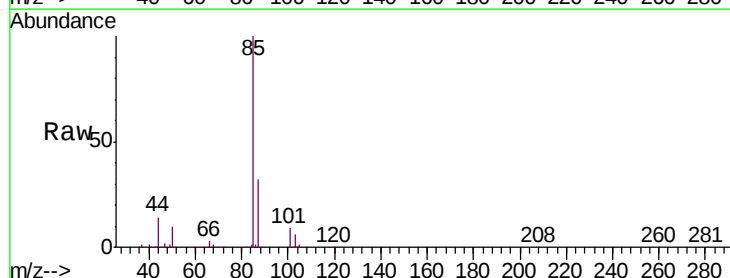
Acq: 05 Sep 2018 01:44

Tgt Ion: 85 Resp: 163924

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

120000

100000

80000

60000

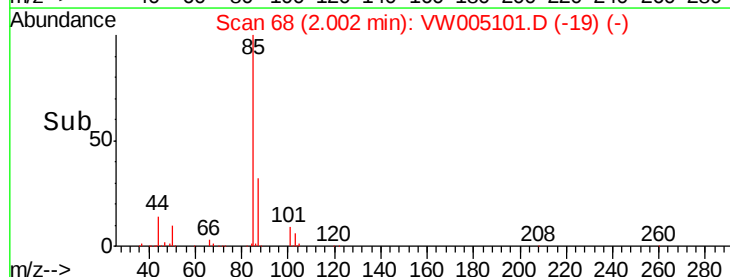
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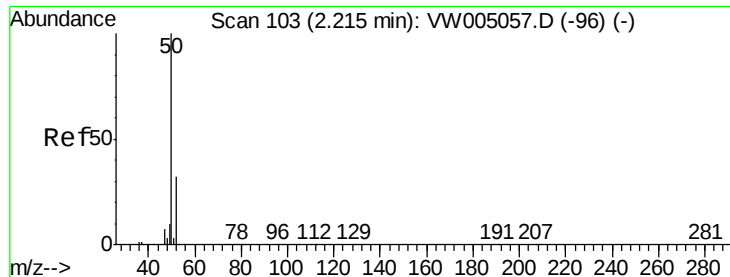
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 45.872 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

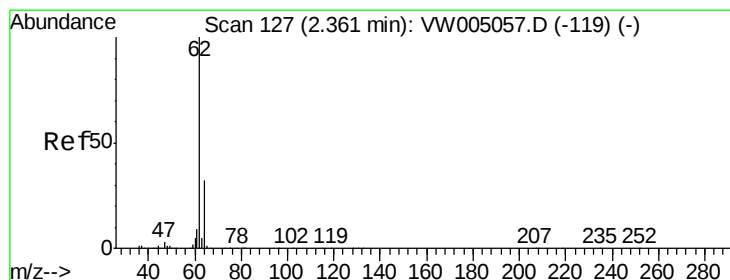
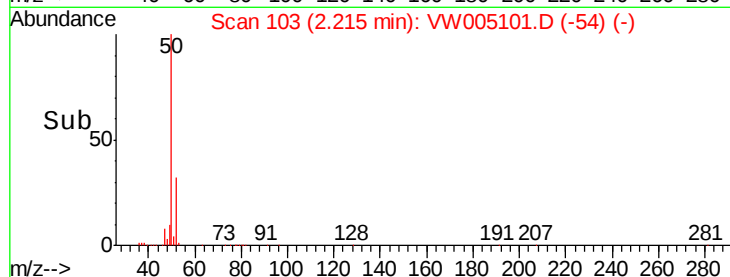
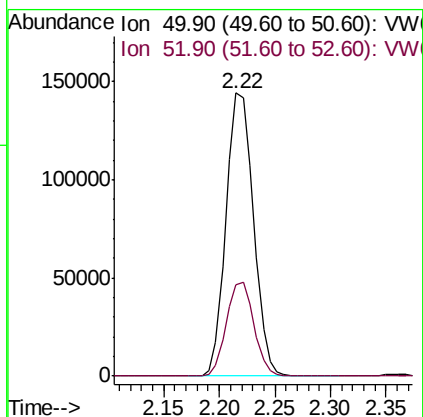
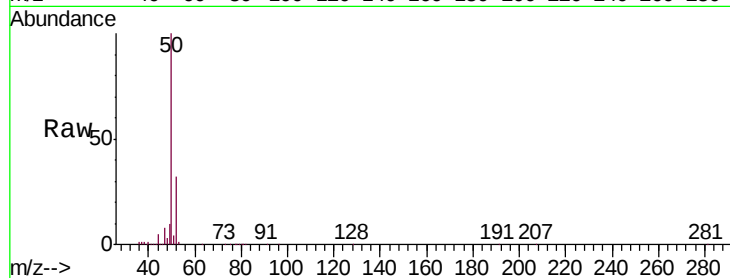
VSTDCCC050

Tgt Ion: 50 Resp: 247935

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 46.562 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005101.D

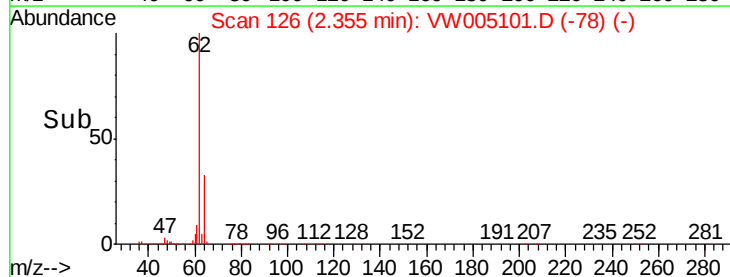
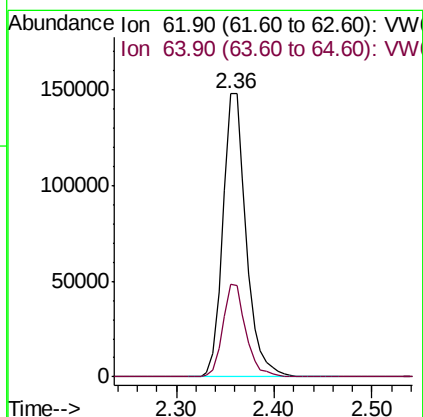
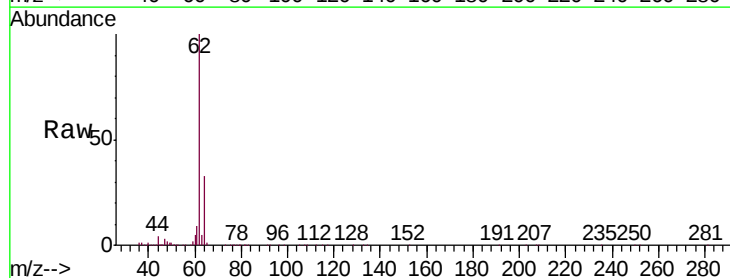
Acq: 05 Sep 2018 01:44

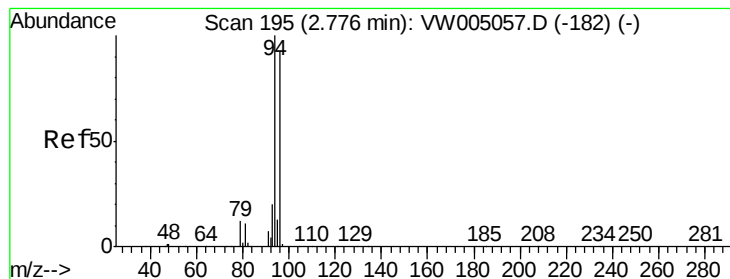
Tgt Ion: 62 Resp: 244731

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4





#5

Bromomethane

Concen: 55.365 ug/l

RT: 2.76 min Scan# 192

Delta R.T. -0.02 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

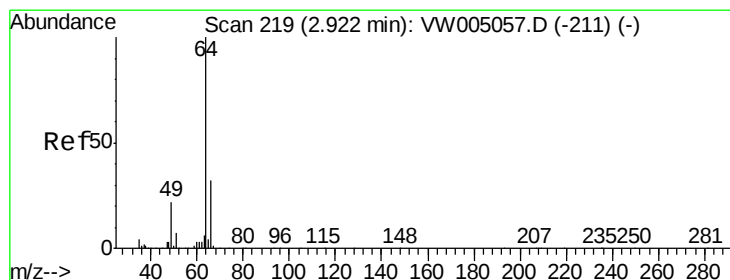
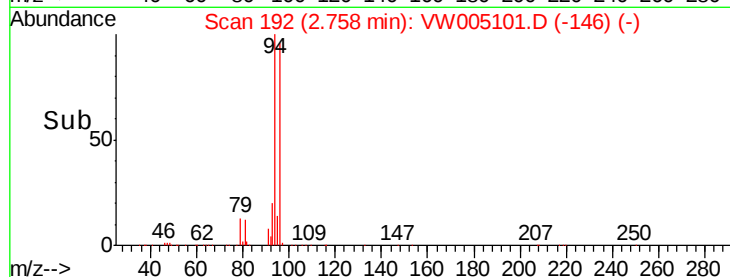
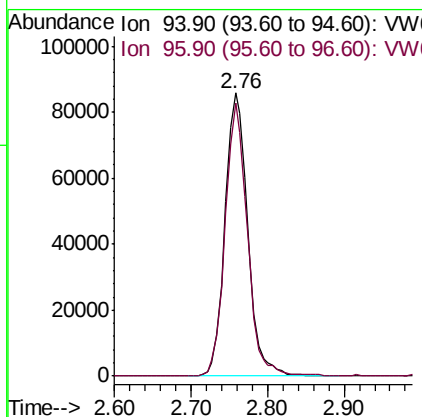
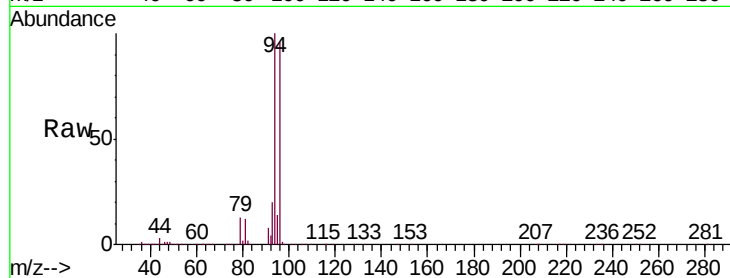
VSTDCCC050

Tgt Ion: 94 Resp: 174872

Ion Ratio Lower Upper

94 100

96 96.4 73.2 109.8



#6

Chloroethane

Concen: 47.556 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005101.D

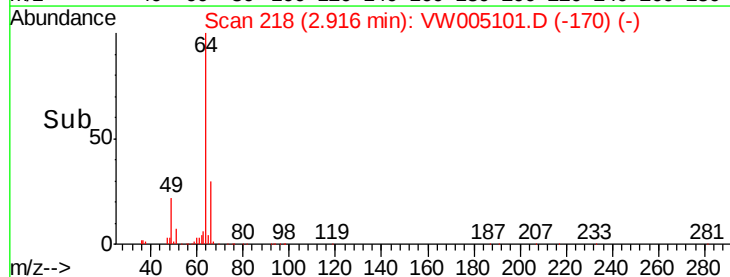
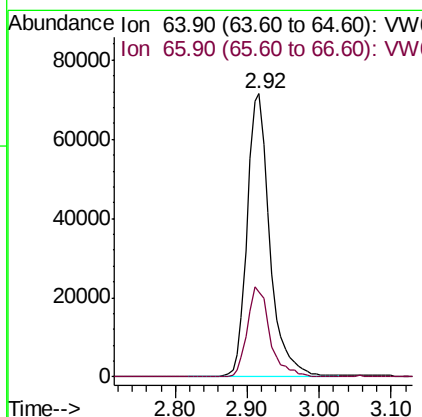
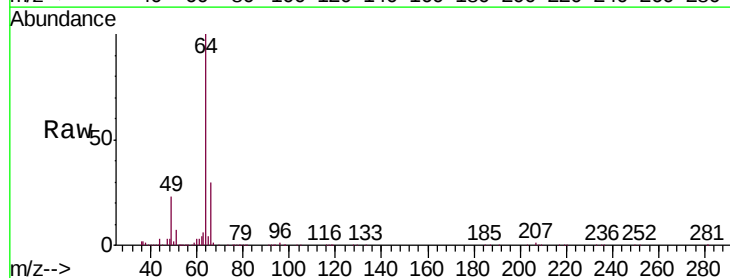
Acq: 05 Sep 2018 01:44

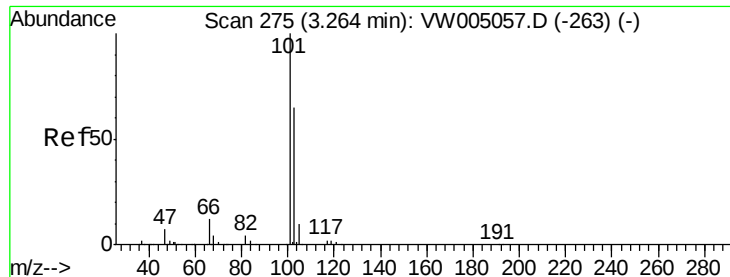
Tgt Ion: 64 Resp: 155585

Ion Ratio Lower Upper

64 100

66 30.0 25.7 38.5



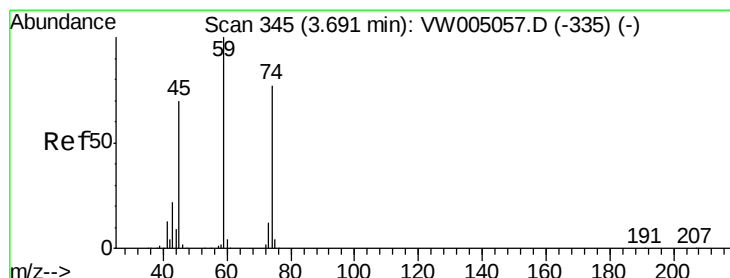
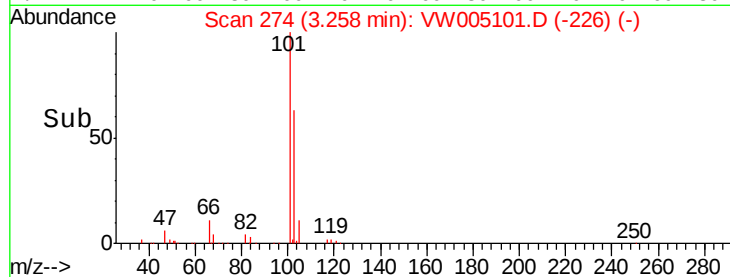
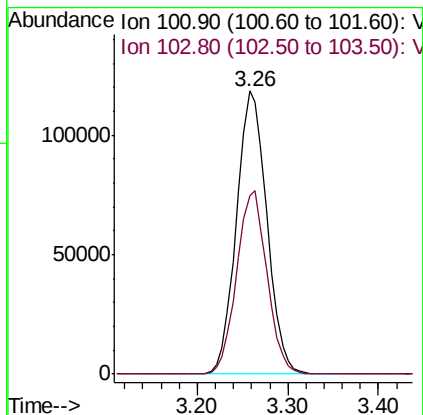
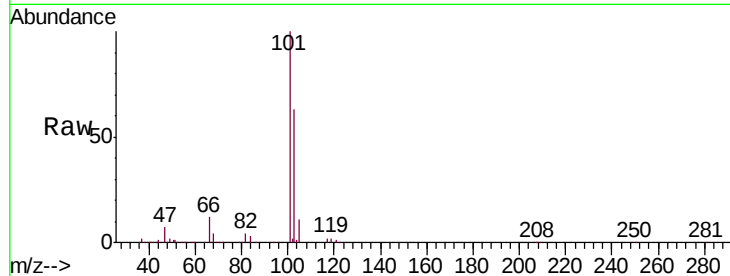


#7

Trichlorofluoromethane
 Concen: 46.468 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
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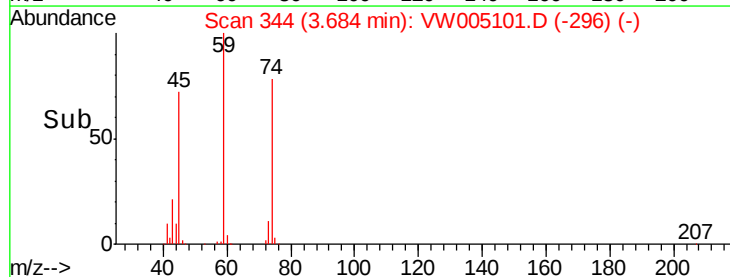
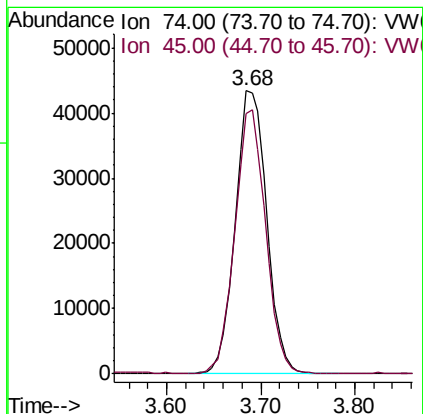
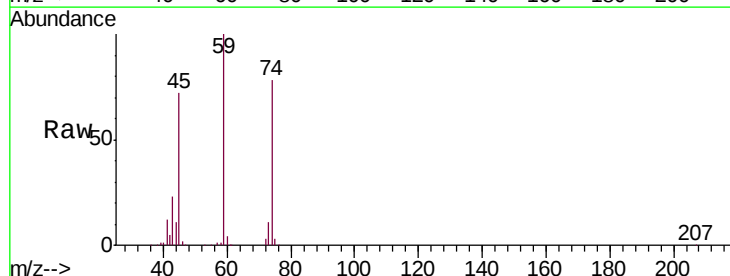
Tgt Ion: 101 Resp: 274742
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.9 77.9

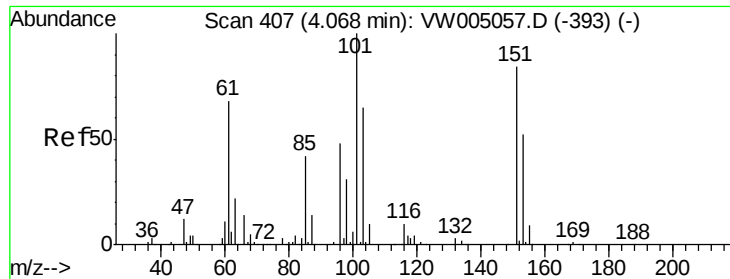


#8

Diethyl Ether
 Concen: 47.378 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 74 Resp: 101352
 Ion Ratio Lower Upper
 74 100
 45 90.9 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.122 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

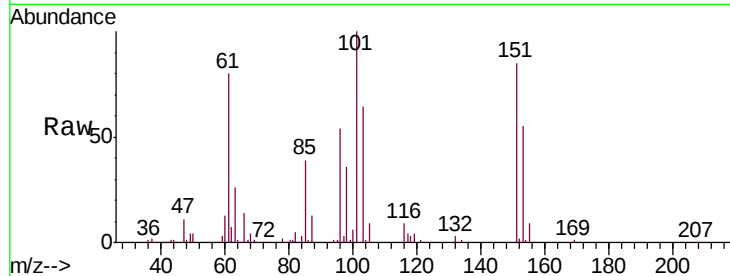
Tgt Ion:101 Resp: 187309

Ion Ratio Lower Upper

101 100

85 41.7 33.0 49.6

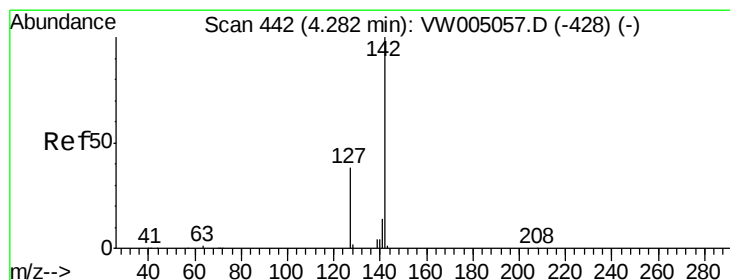
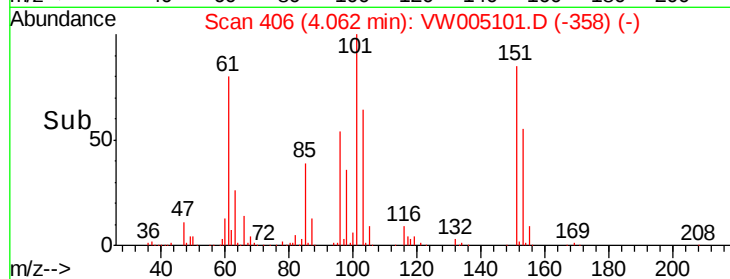
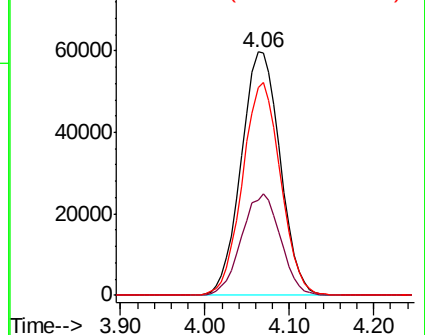
151 85.7 67.0 100.6



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: 43.049 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

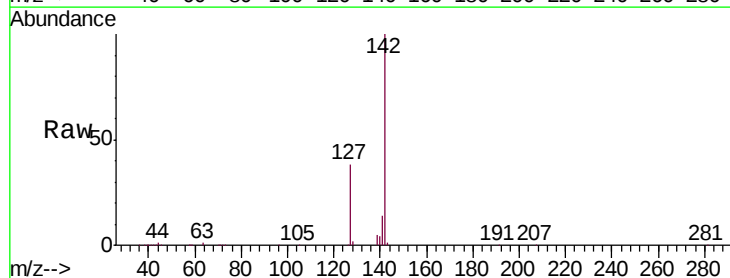
Tgt Ion:142 Resp: 257781

Ion Ratio Lower Upper

142 100

127 38.5 30.8 46.2

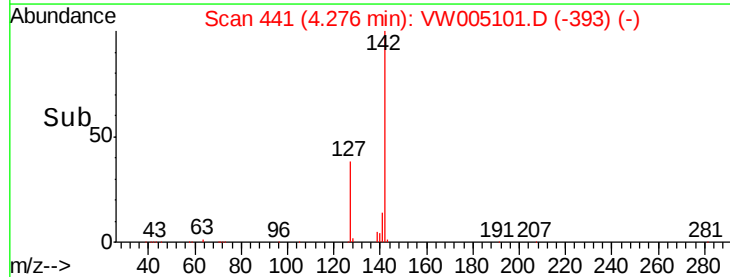
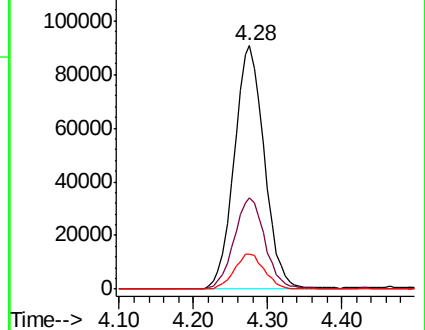
141 14.4 11.6 17.4

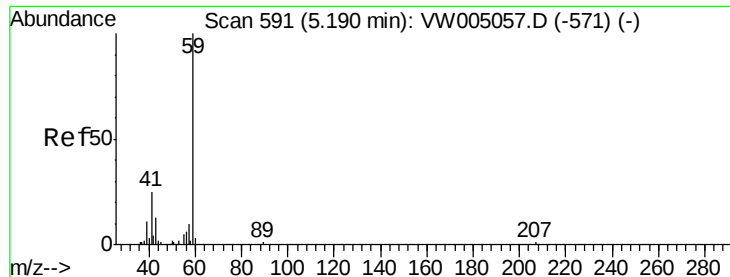


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



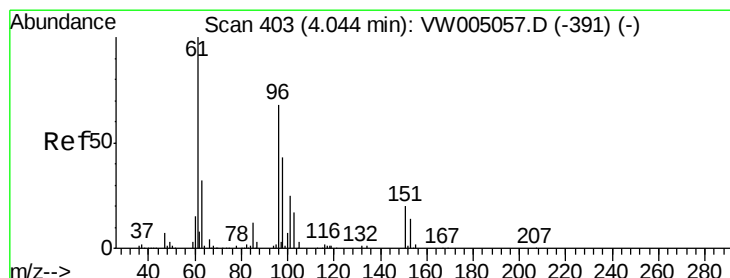
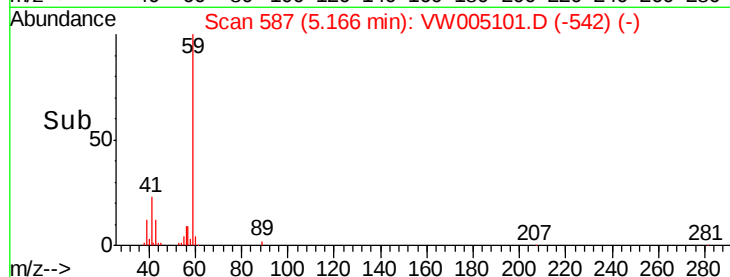
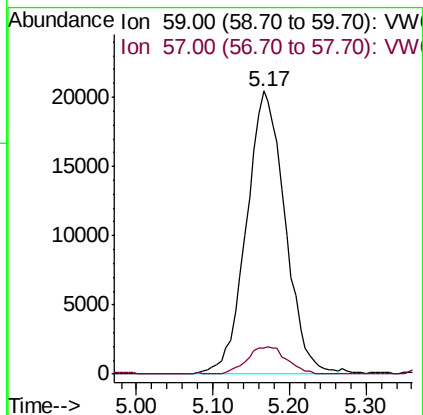
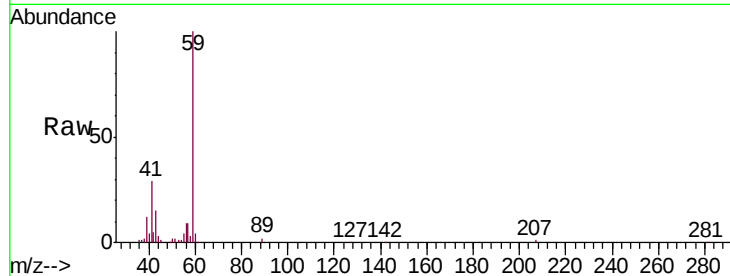


#11

Tert butyl alcohol
 Concen: 335.863 ug/l
 RT: 5.17 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

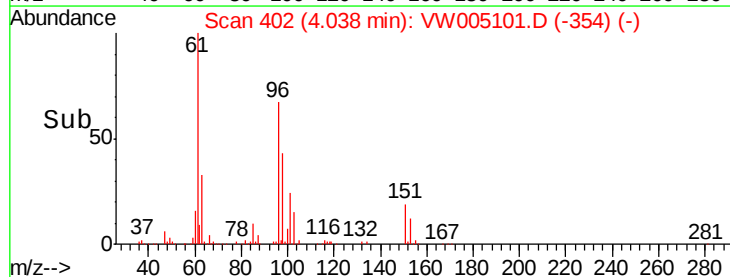
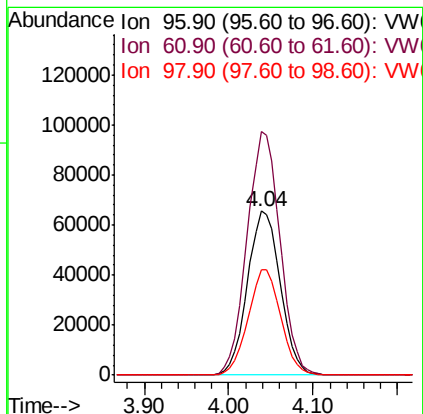
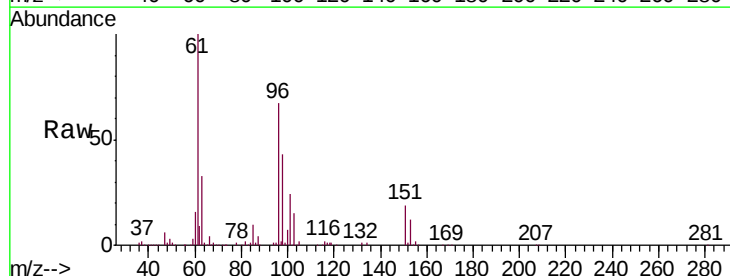
Tgt Ion: 59 Resp: 71911
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.6 12.8

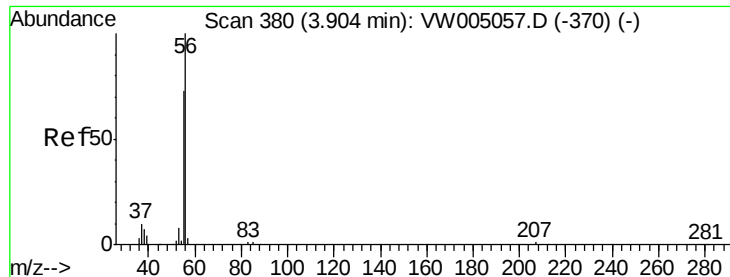


#12

1,1-Dichloroethene
 Concen: 46.621 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 96 Resp: 174246
 Ion Ratio Lower Upper
 96 100
 61 148.5 117.4 176.0
 98 64.1 51.0 76.4





#13

Acrolein

Concen: 358.737 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

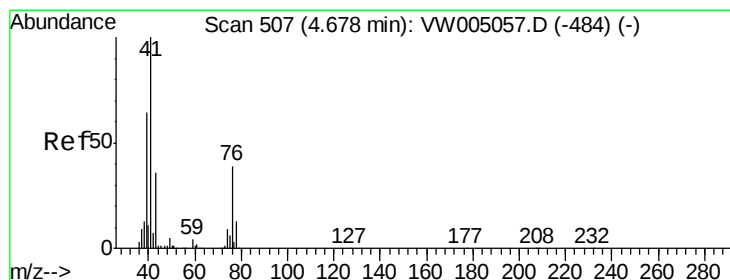
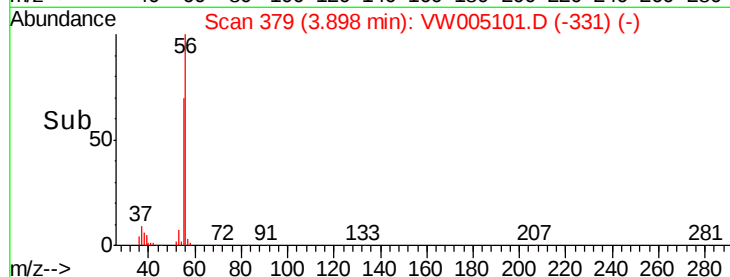
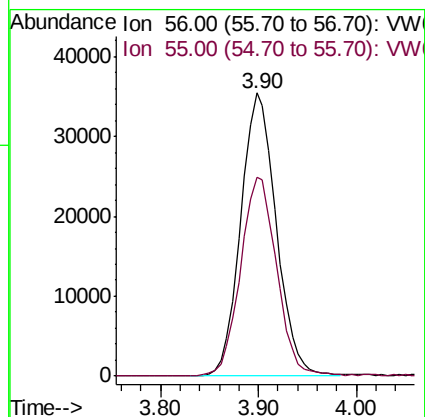
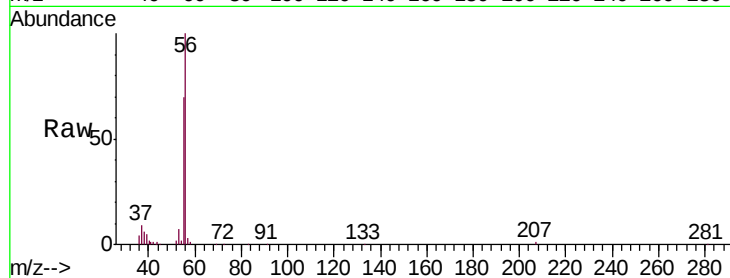
VSTDCCC050

Tgt Ion: 56 Resp: 89215

Ion Ratio Lower Upper

56 100

55 71.8 58.1 87.1



#14

Allyl chloride

Concen: 46.519 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

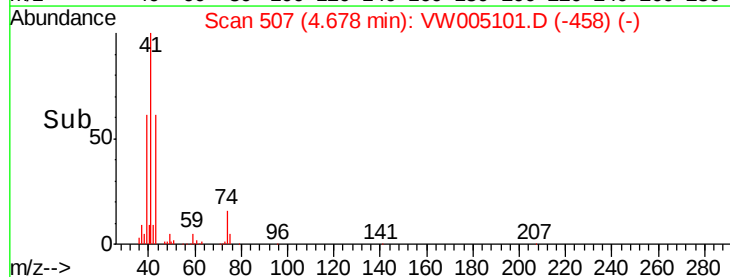
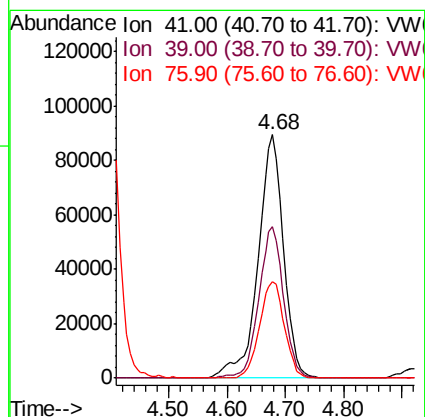
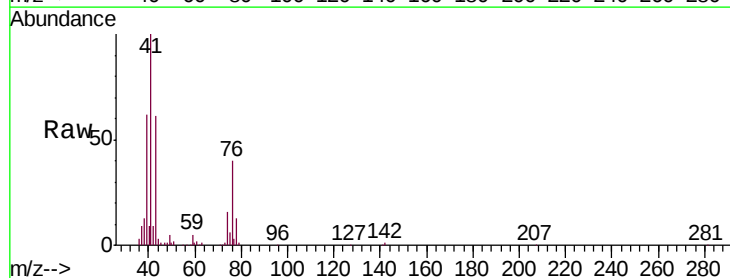
Tgt Ion: 41 Resp: 271781

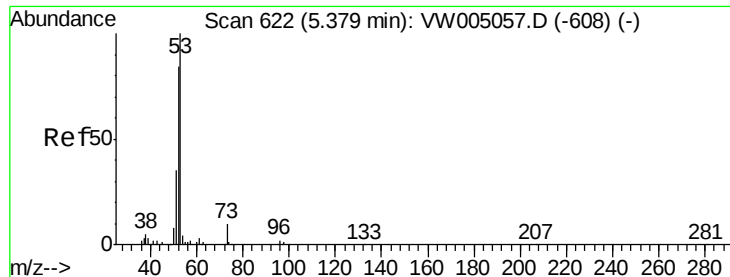
Ion Ratio Lower Upper

41 100

39 60.6 49.4 74.2

76 38.7 31.8 47.6

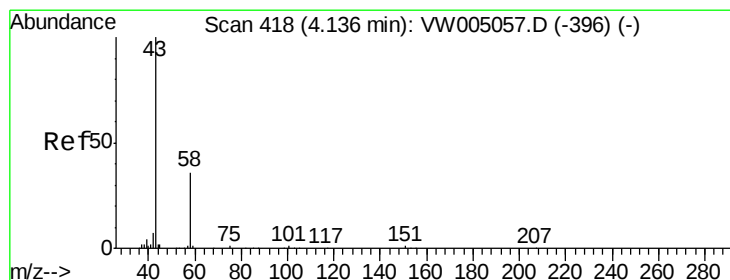
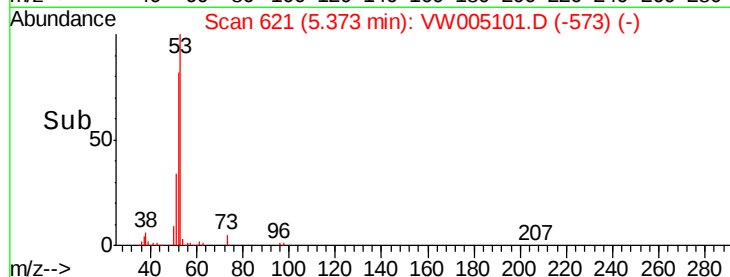
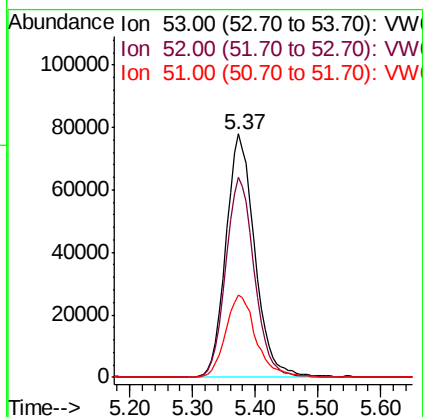
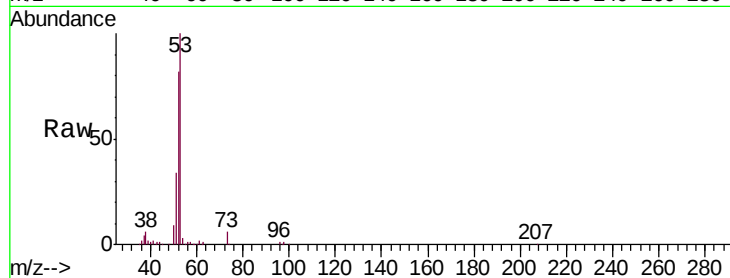




#15
 Acrylonitrile
 Concen: 275.305 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

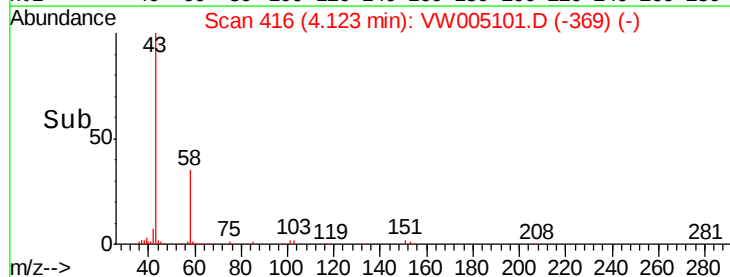
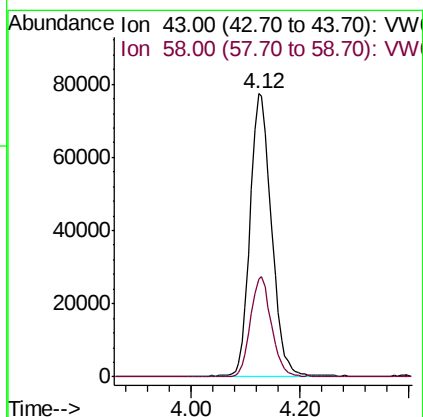
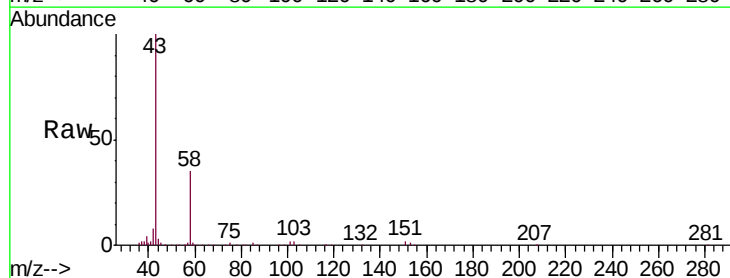
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

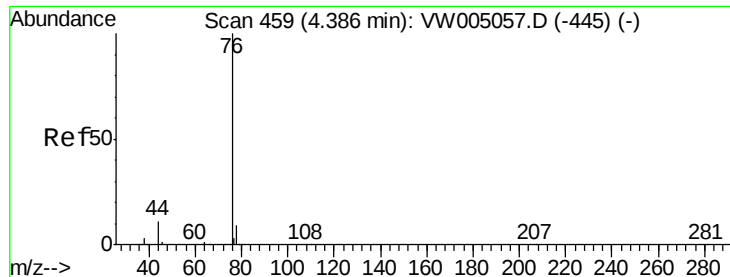
Tgt Ion: 53 Resp: 248415
 Ion Ratio Lower Upper
 53 100
 52 81.2 65.7 98.5
 51 35.6 28.8 43.2



#16
 Acetone
 Concen: 277.870 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 43 Resp: 213514
 Ion Ratio Lower Upper
 43 100
 58 34.4 29.0 43.6

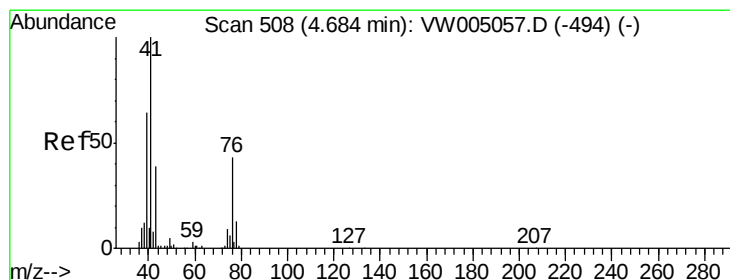
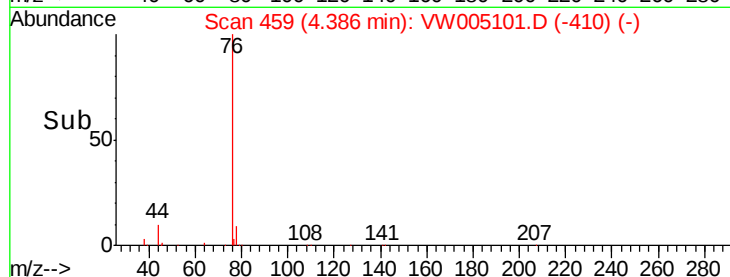
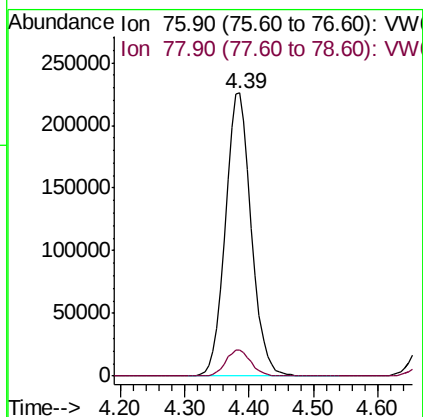
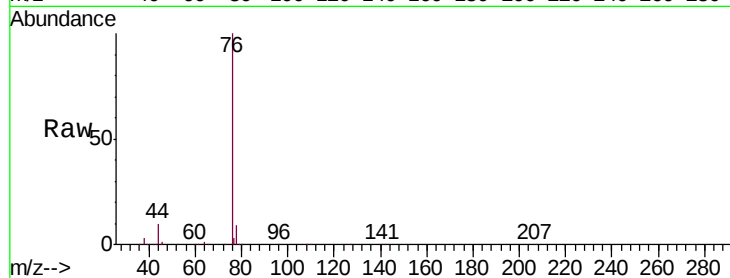




#17
Carbon Disulfide
Concen: 48.925 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

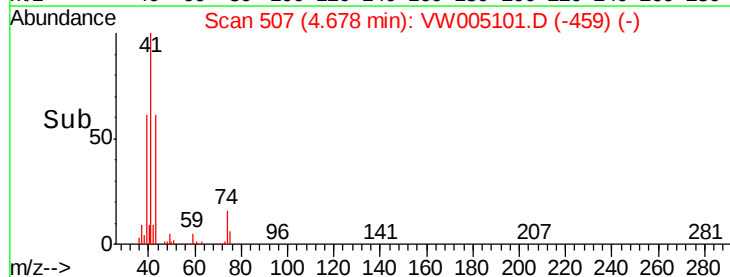
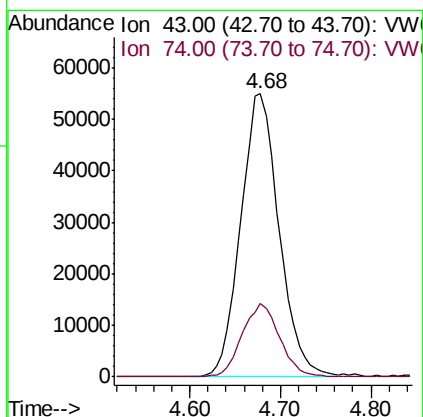
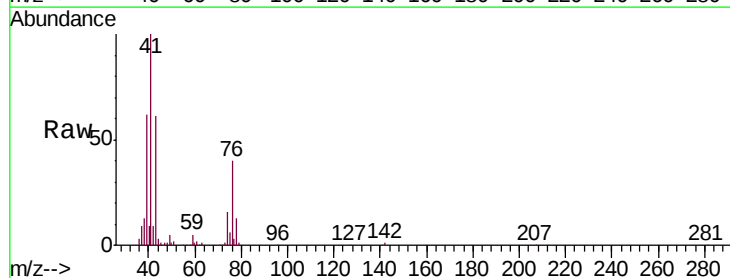
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

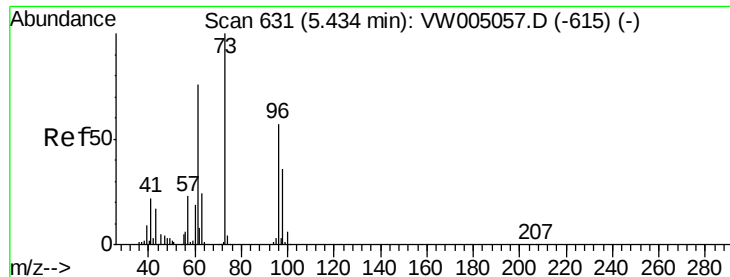
Tgt Ion: 76 Resp: 637160
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 71.036 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion: 43 Resp: 160570
Ion Ratio Lower Upper
43 100
74 25.5 20.7 31.1



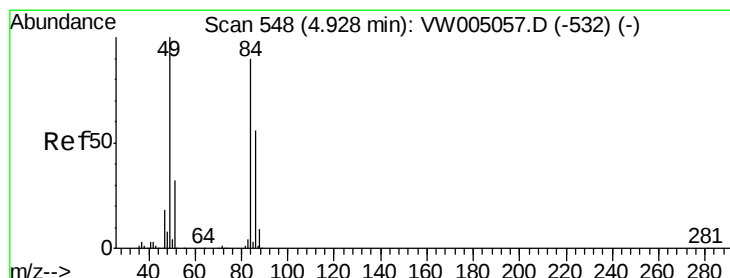
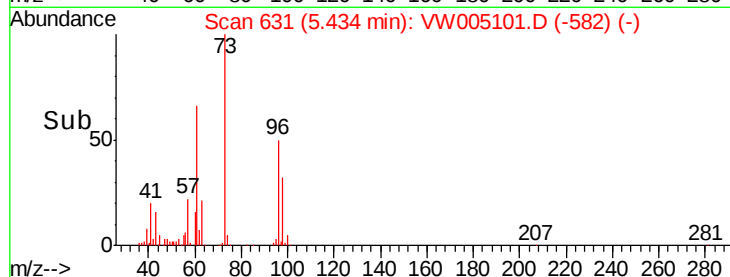
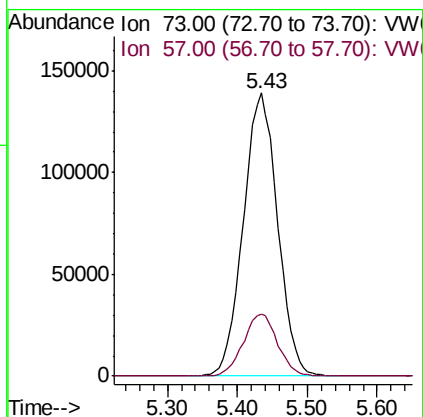
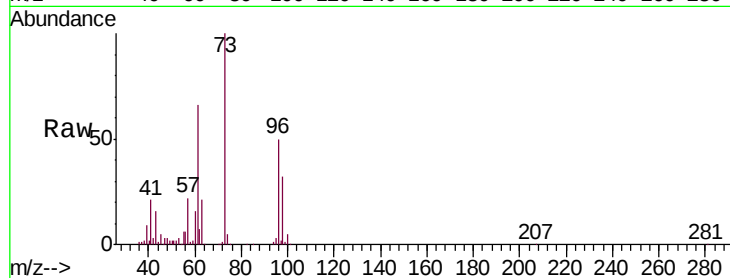


#19

Methyl tert-butyl Ether
 Concen: 52.216 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

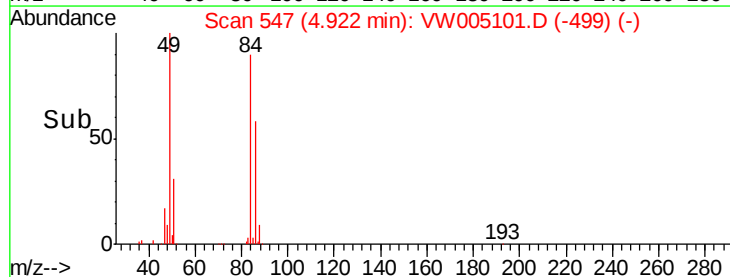
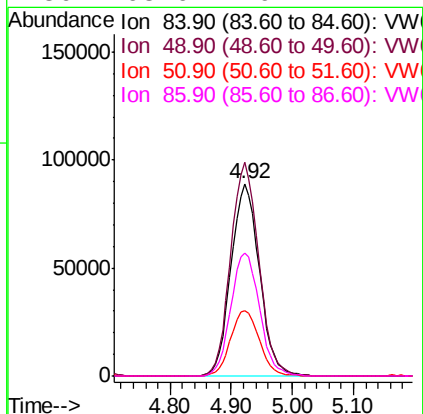
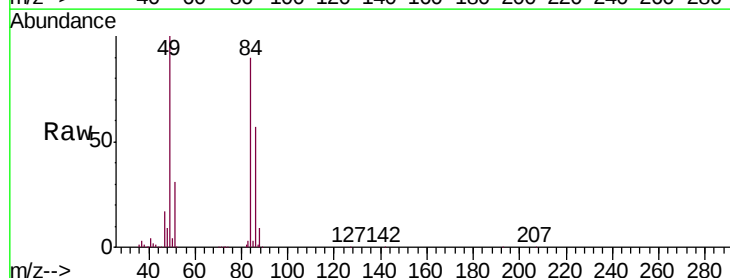
Tgt Ion: 73 Resp: 473884
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.1 27.1

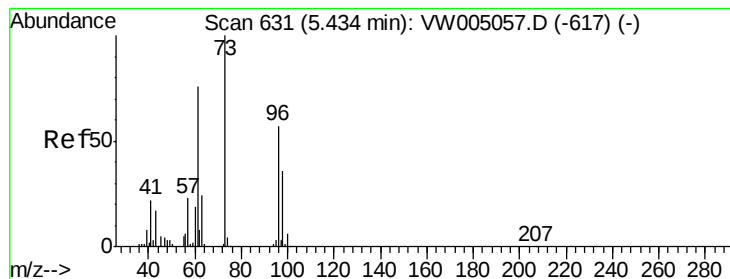


#20

Methylene Chloride
 Concen: 55.730 ug/l
 RT: 4.92 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 84 Resp: 286965
 Ion Ratio Lower Upper
 84 100
 49 111.0 88.7 133.1
 51 33.9 28.6 42.8
 86 63.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 46.554 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

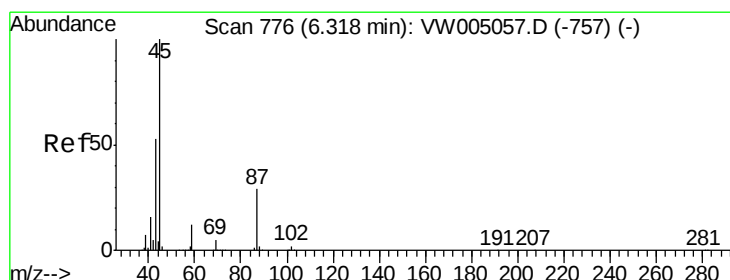
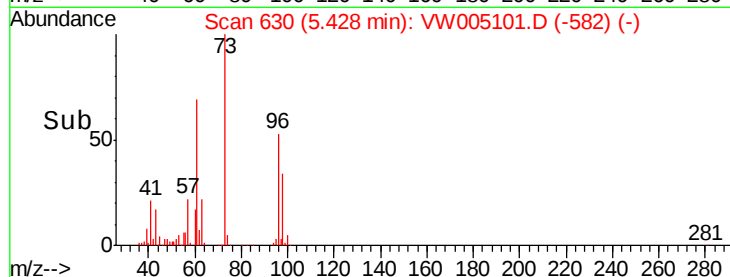
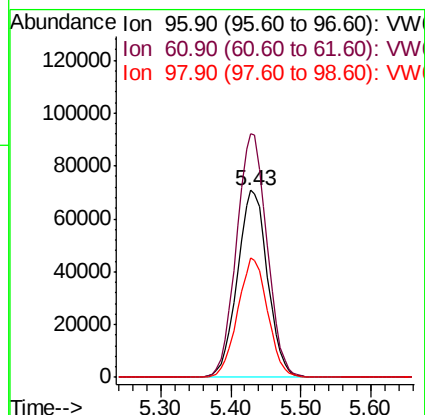
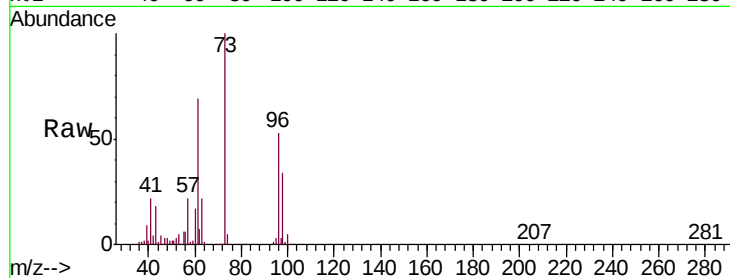
Tgt Ion: 96 Resp: 211988

Ion Ratio Lower Upper

96 100

61 130.2 106.3 159.5

98 64.0 50.9 76.3



#22

Diisopropyl ether

Concen: 50.146 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion: 45 Resp: 616492

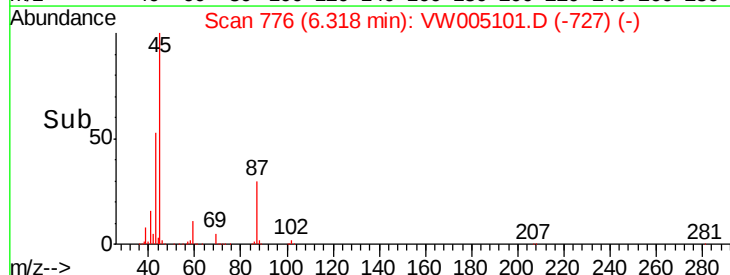
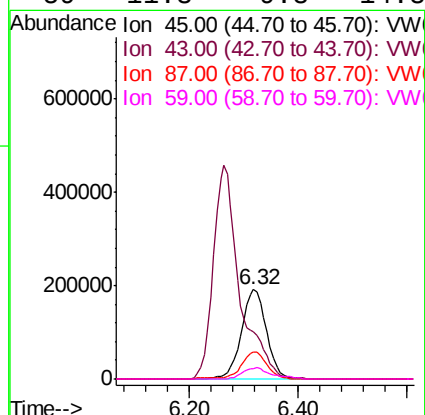
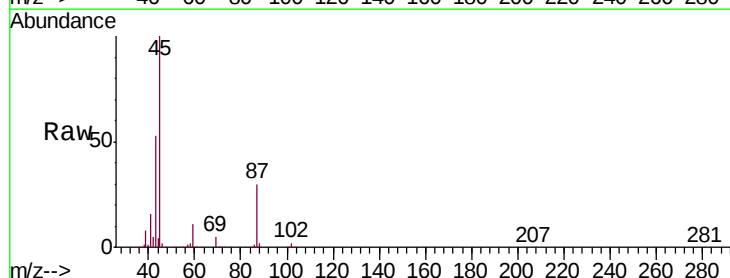
Ion Ratio Lower Upper

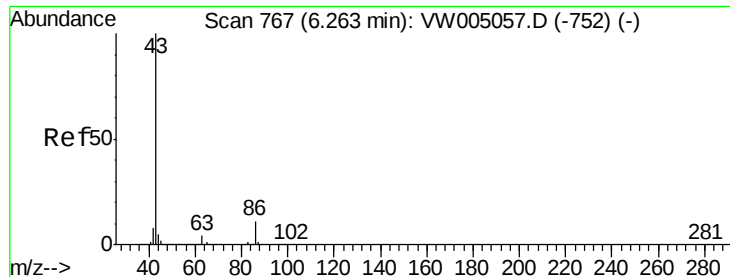
45 100

43 52.5 42.6 63.8

87 30.0 23.6 35.4

59 11.3 9.8 14.8





#23

Vinyl Acetate

Concen: 236.902 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

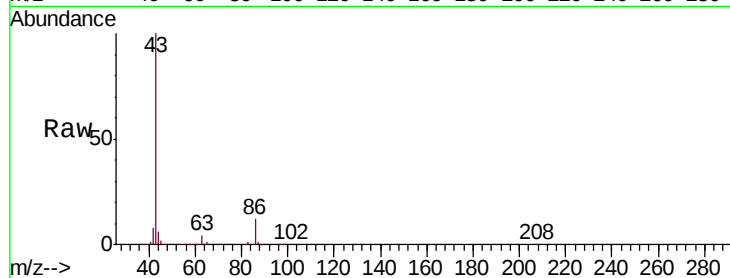
VSTDCCC050

Tgt Ion: 43 Resp: 1529805

Ion Ratio Lower Upper

43 100

86 11.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

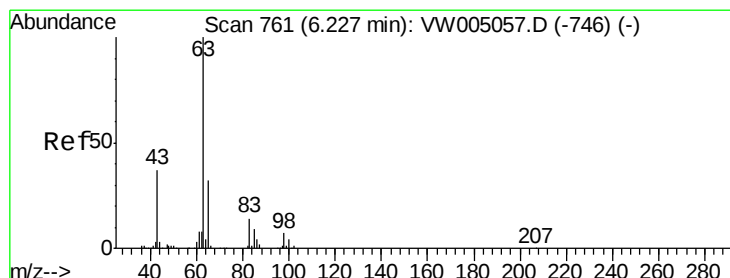
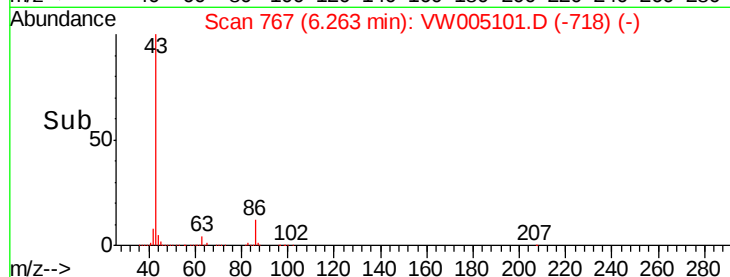
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.524 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

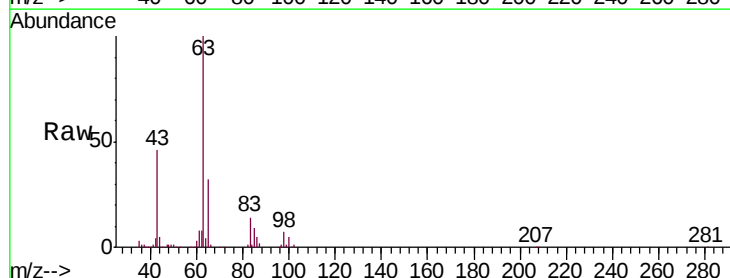
Tgt Ion: 63 Resp: 357509

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

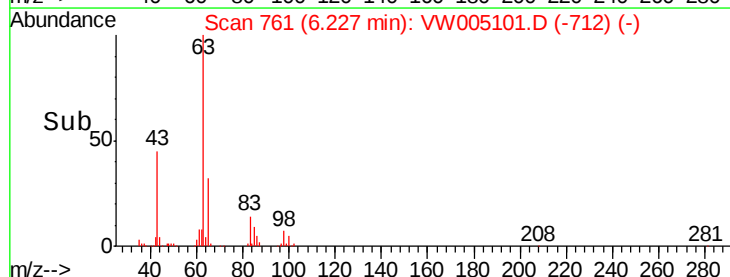
150000

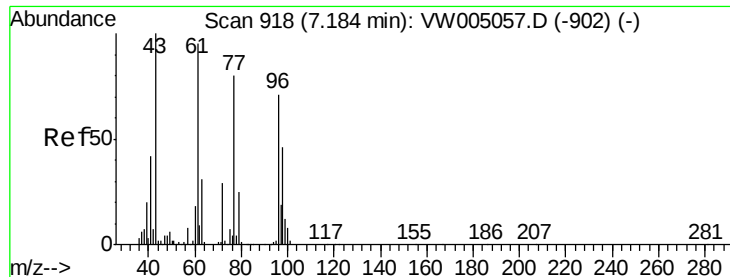
100000

50000

0

Time-->





#25

2-Butanone

Concen: 269.188 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

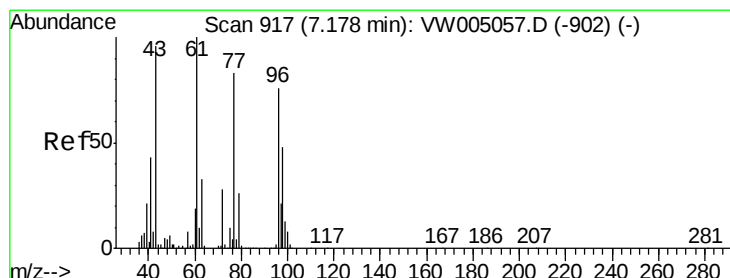
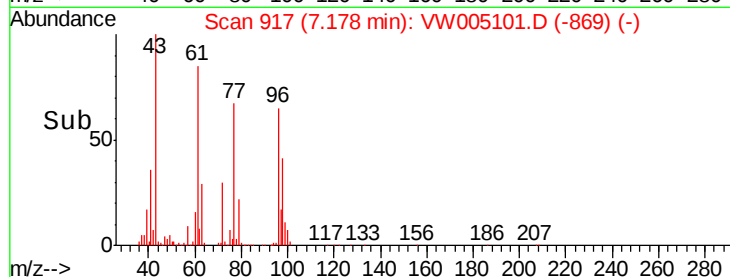
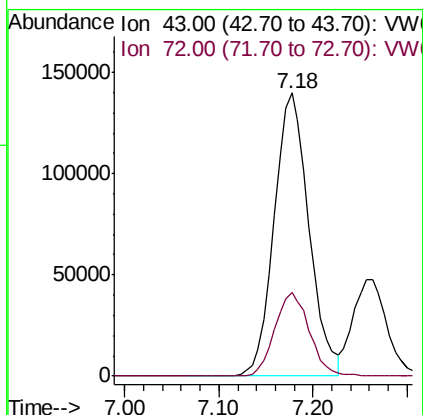
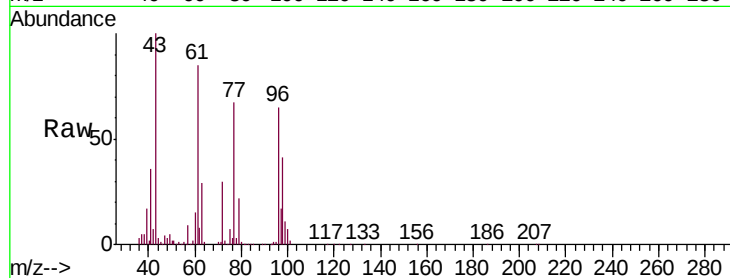
VSTDCCC050

Tgt Ion: 43 Resp: 358766

Ion Ratio Lower Upper

43 100

72 29.5 23.1 34.7



#26

2,2-Dichloropropane

Concen: 43.738 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005101.D

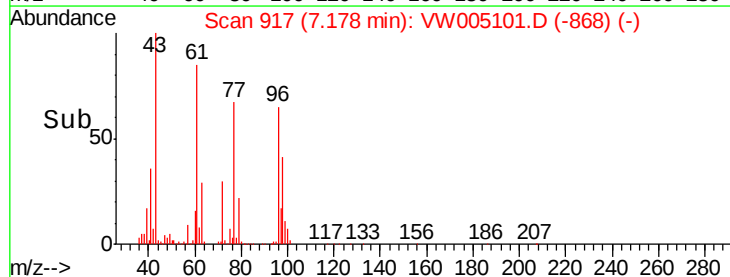
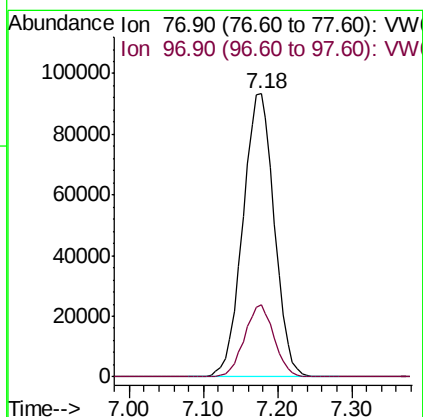
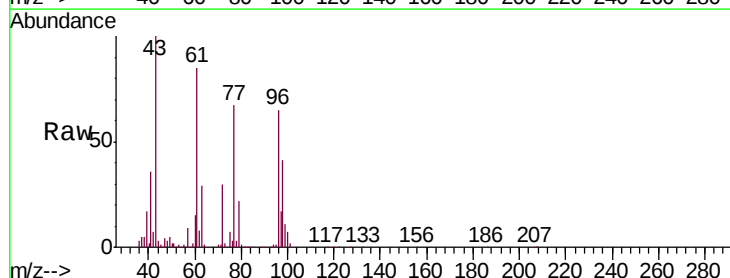
Acq: 05 Sep 2018 01:44

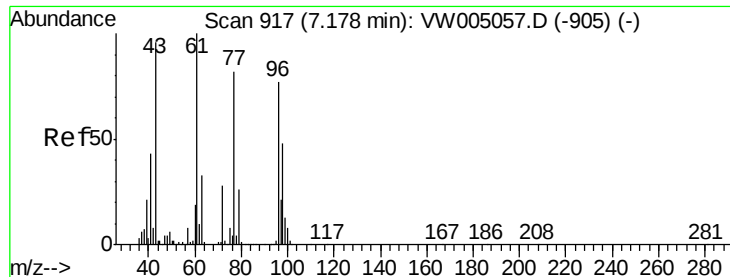
Tgt Ion: 77 Resp: 276199

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6

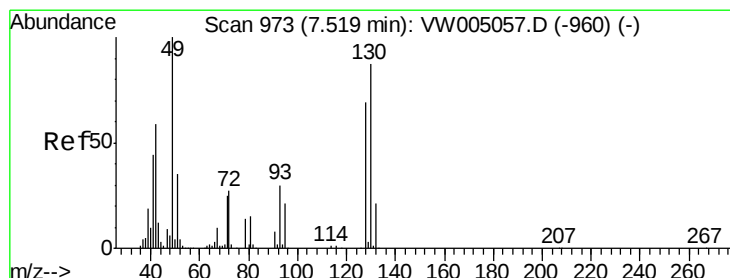
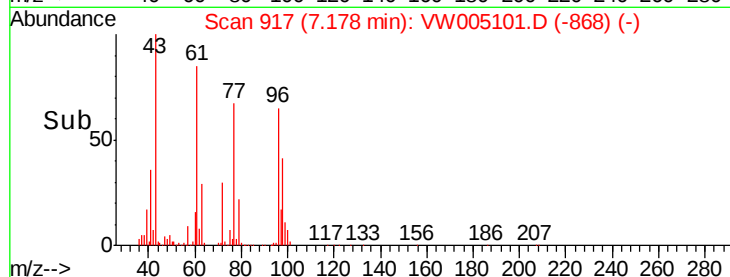
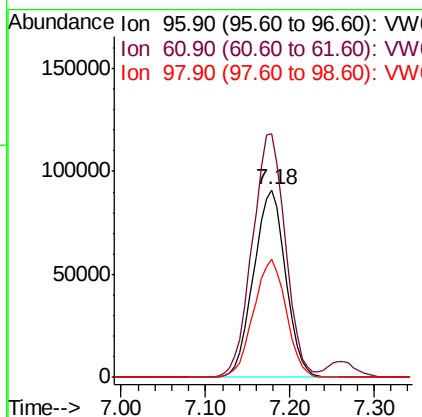
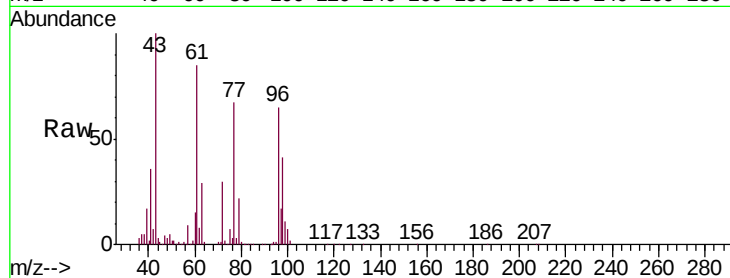




#27
 cis-1,2-Dichloroethene
 Concen: 47.492 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

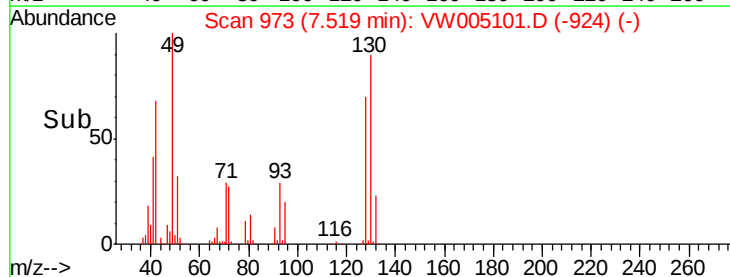
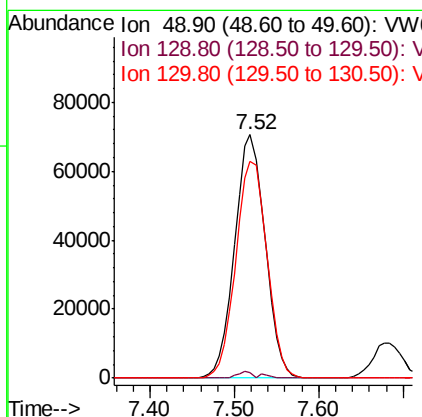
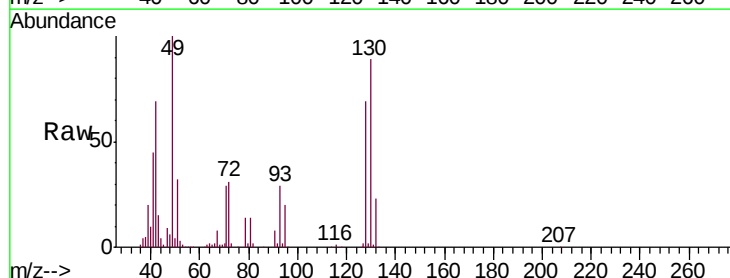
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

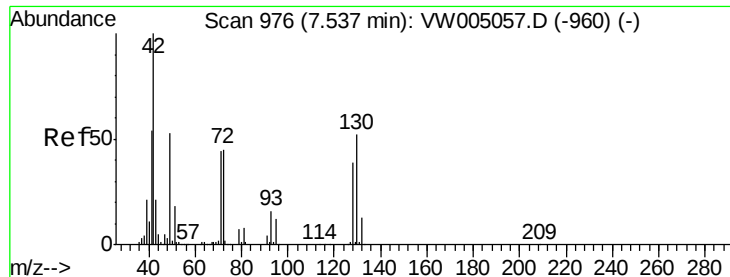
Tgt Ion: 96 Resp: 236571
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 273.2
 98 63.9 0.0 127.8



#28
 Bromochloromethane
 Concen: 55.869 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 49 Resp: 172799
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.4
 130 91.1 69.6 104.4





#29

Tetrahydrofuran

Concen: 273.462 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

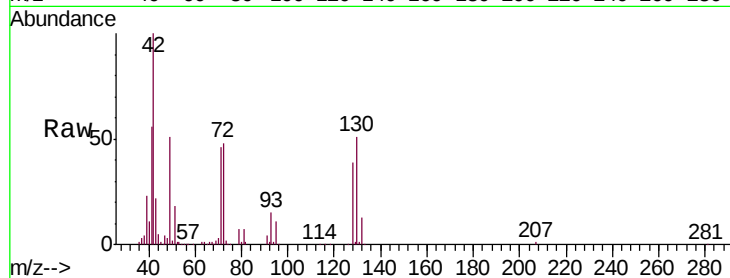
Tgt Ion: 42 Resp: 186225

Ion Ratio Lower Upper

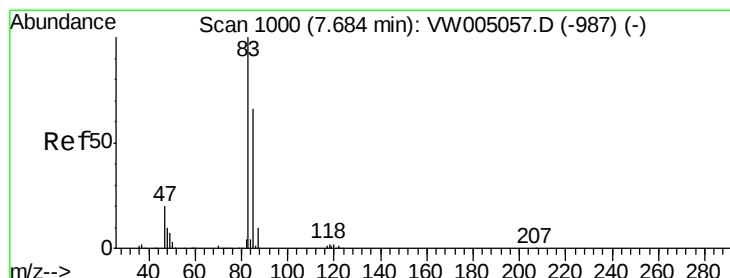
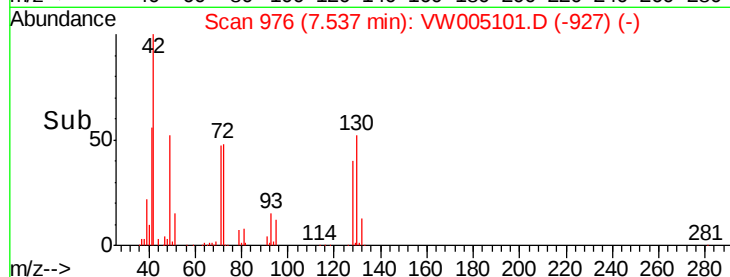
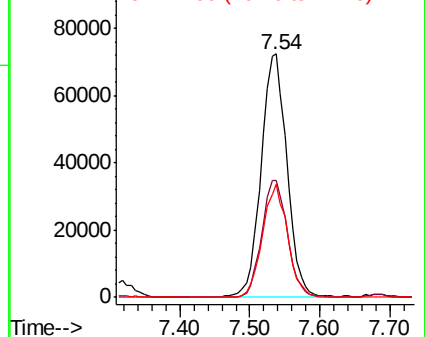
42 100

72 47.8 37.0 55.4

71 45.1 35.0 52.6



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: 46.711 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VW005101.D

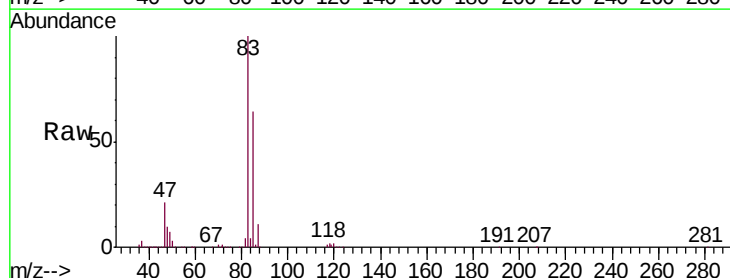
Acq: 05 Sep 2018 01:44

Tgt Ion: 83 Resp: 366358

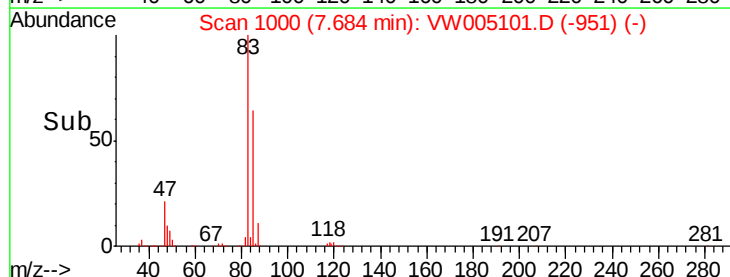
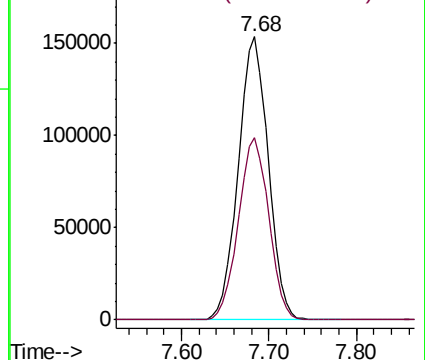
Ion Ratio Lower Upper

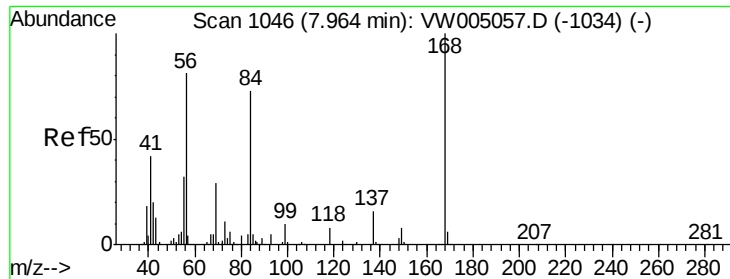
83 100

85 64.5 53.1 79.7



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

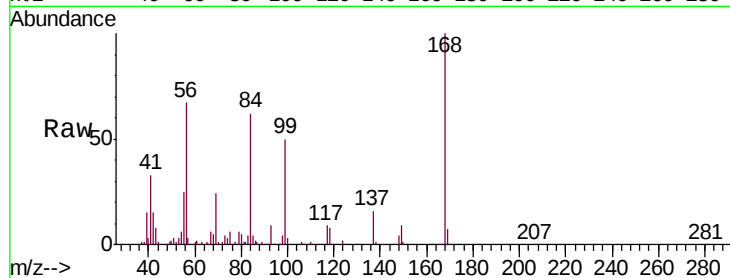




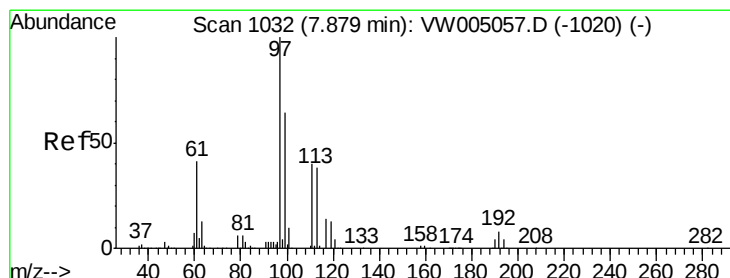
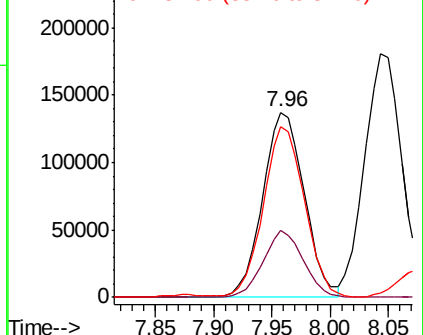
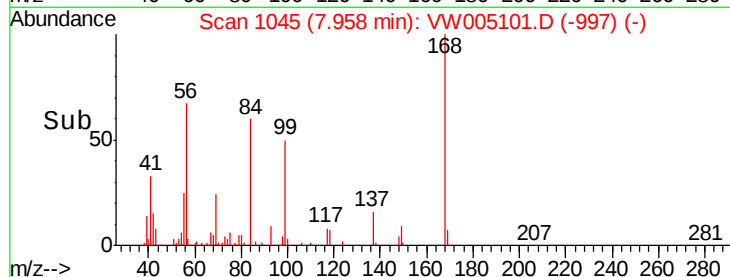
#31
Cyclohexane
Concen: 45.219 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 340283
Ion Ratio Lower Upper
56 100
69 36.2 28.2 42.2
84 91.2 71.8 107.8

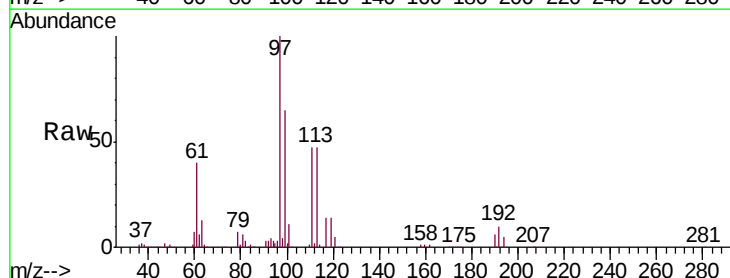


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

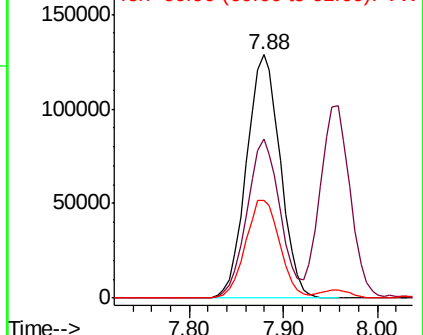
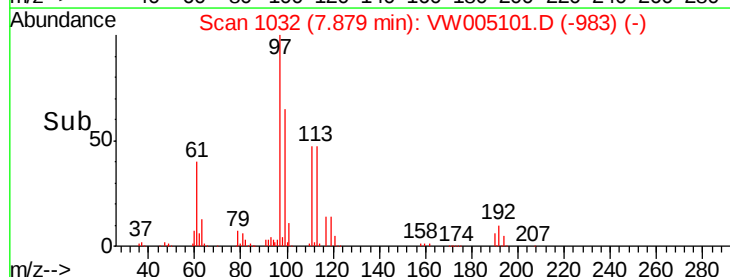


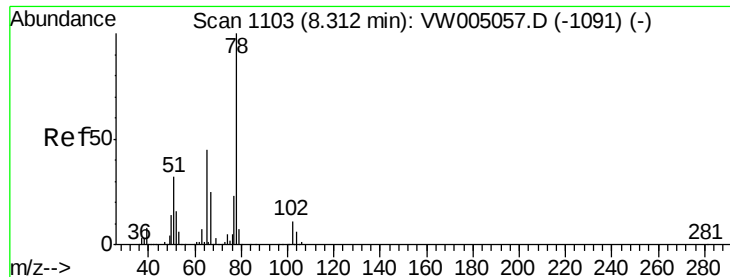
#32
1,1,1-Trichloroethane
Concen: 47.370 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion: 97 Resp: 323572
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 41.1 33.2 49.8



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

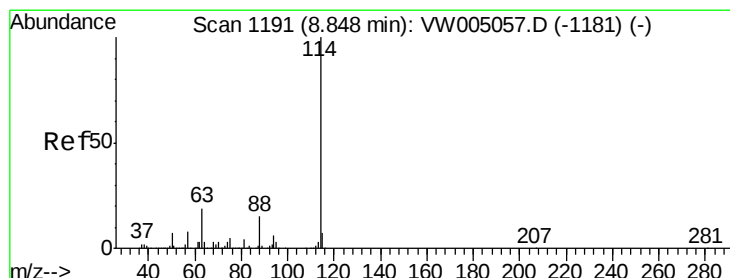
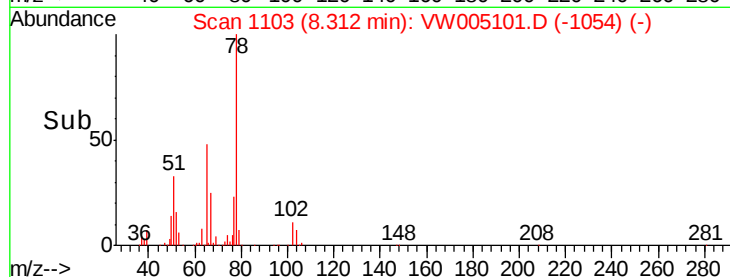
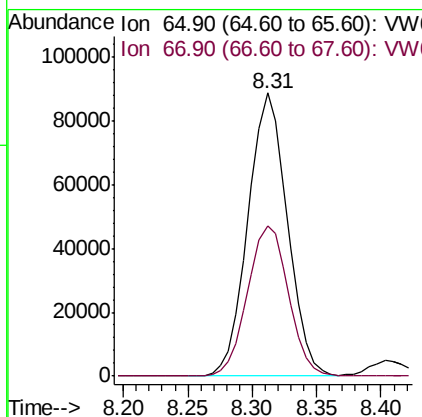
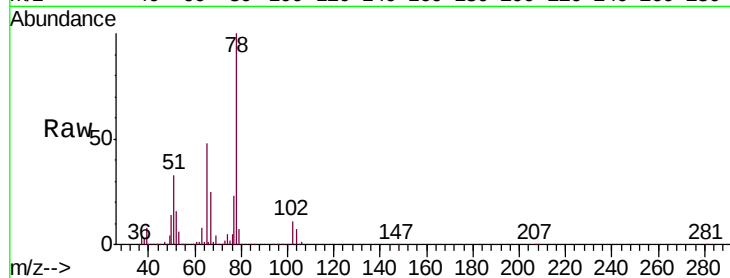




#33
 1,2-Dichloroethane-d4
 Concen: 49.107 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

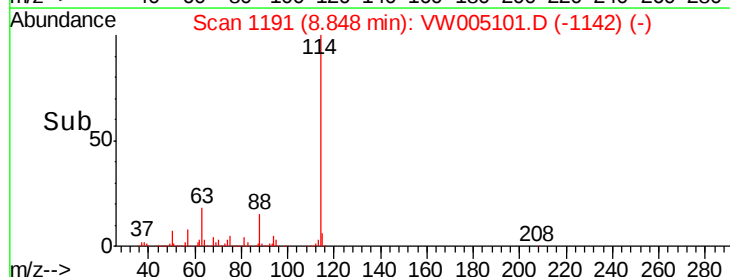
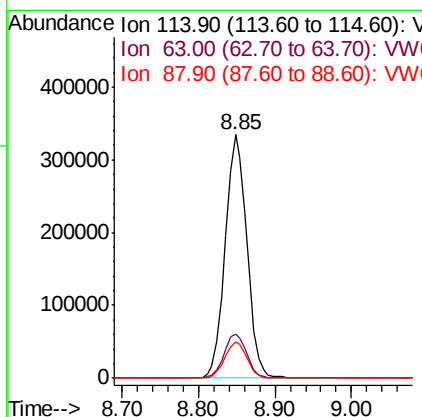
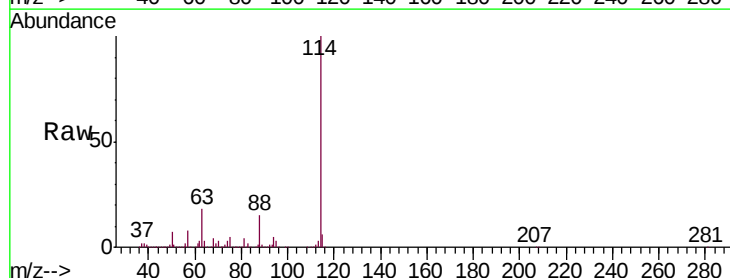
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

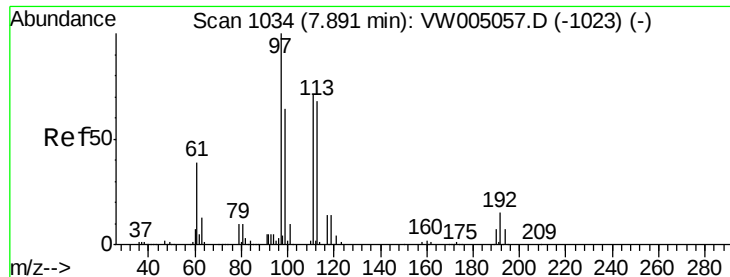
Tgt Ion: 65 Resp: 188153
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 114 Resp: 653433
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.0
 88 14.9 0.0 30.2

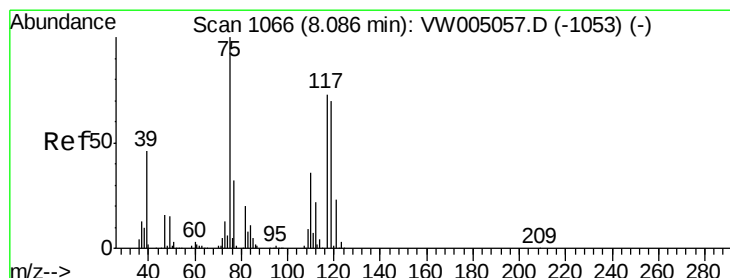
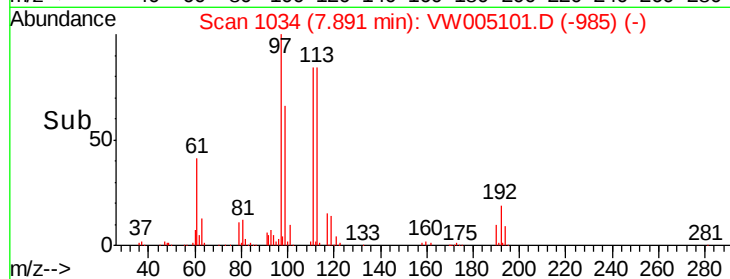
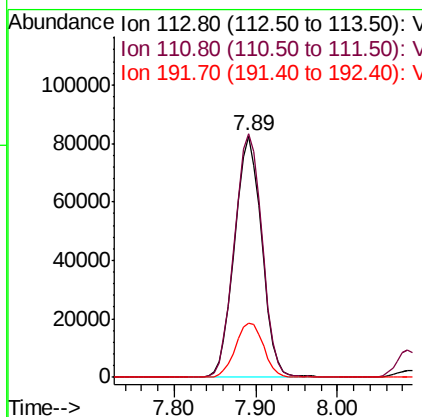
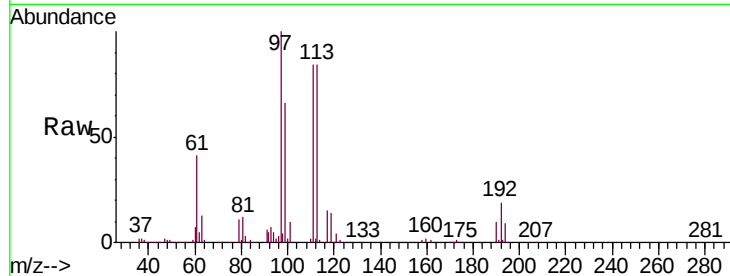




#35
 Dibromofluoromethane
 Concen: 50.273 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

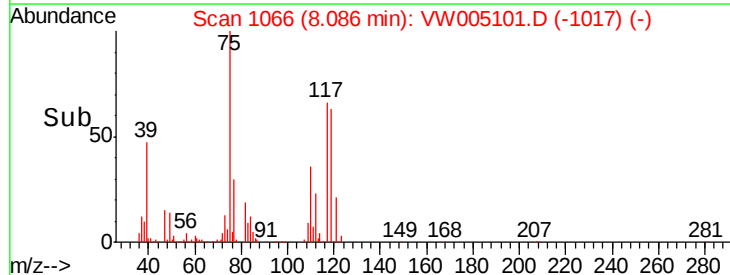
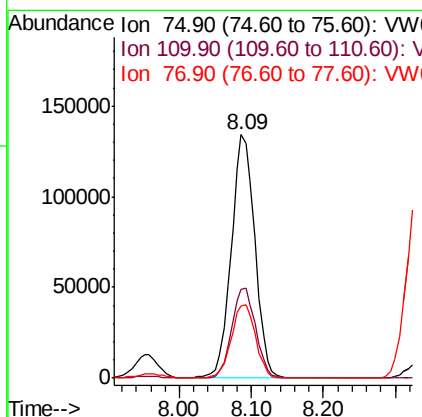
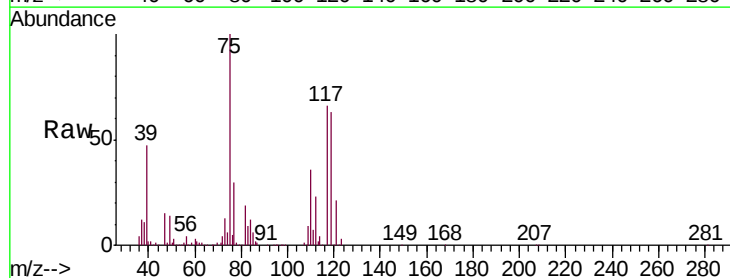
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

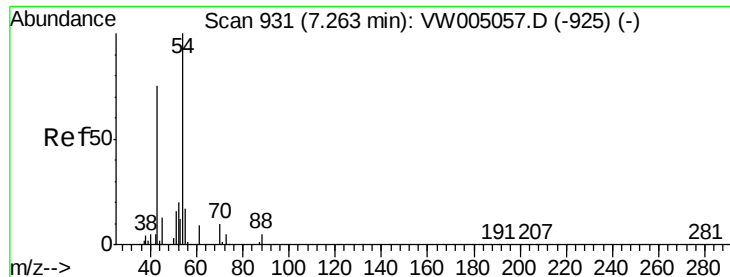
Tgt Ion: 113 Resp: 189836
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 23.2 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 49.005 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 75 Resp: 304969
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.9 56.7
 77 31.1 25.5 38.3

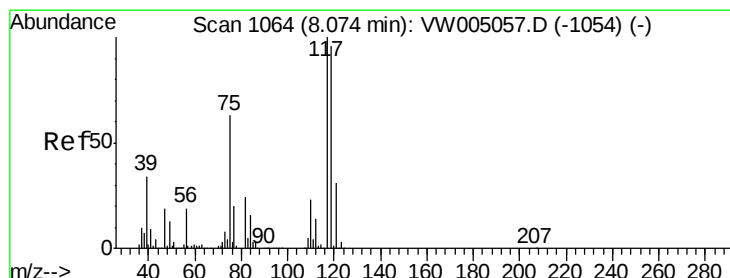
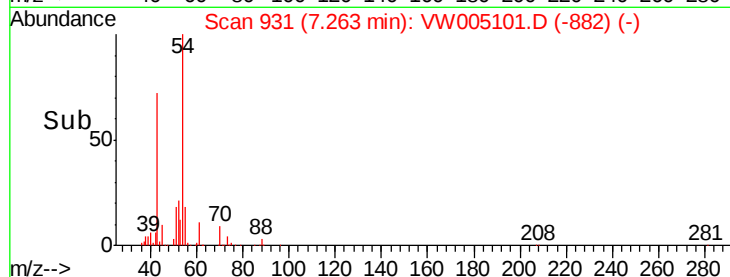
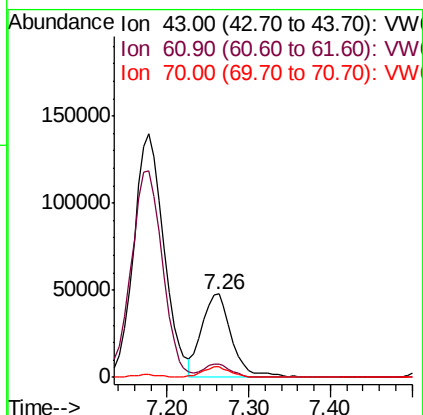
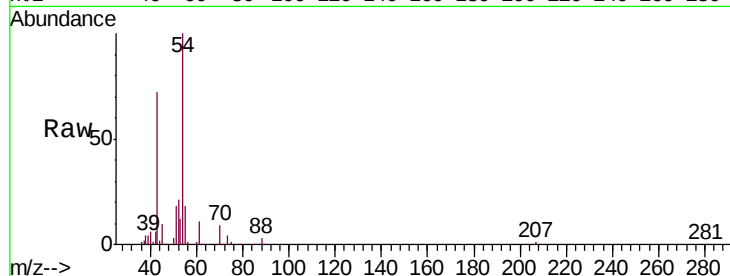




#37
 Ethyl Acetate
 Concen: 52.659 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

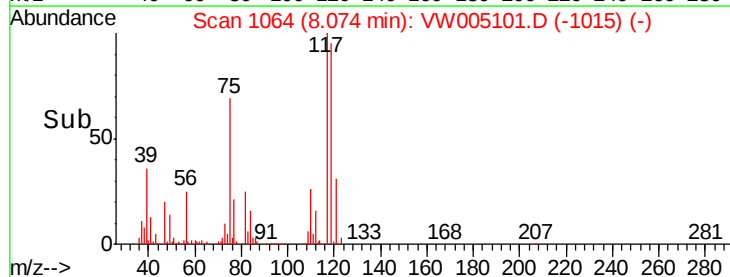
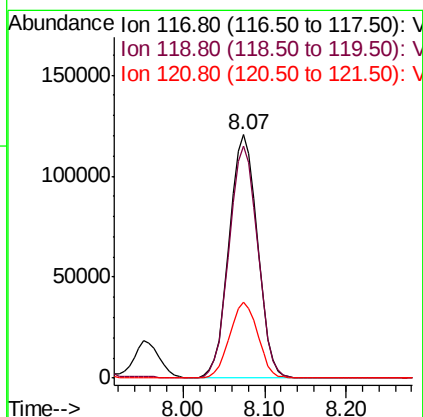
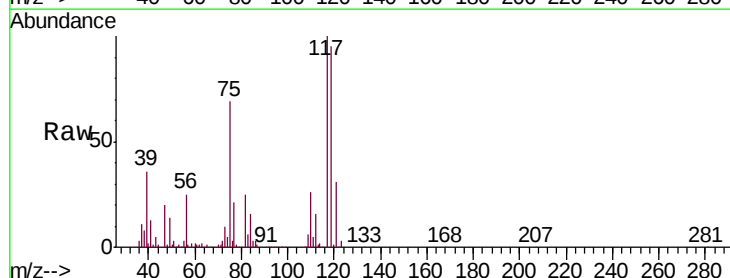
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

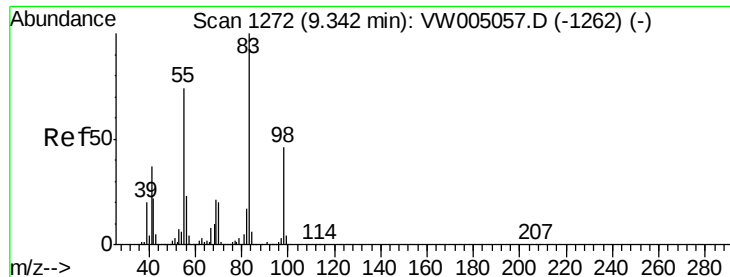
Tgt Ion: 43 Resp: 122556
 Ion Ratio Lower Upper
 43 100
 61 15.3 12.1 18.1
 70 11.9 9.4 14.2



#38
 Carbon Tetrachloride
 Concen: 48.823 ug/l
 RT: 8.07 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 117 Resp: 288904
 Ion Ratio Lower Upper
 117 100
 119 95.3 76.6 115.0
 121 31.3 24.8 37.2

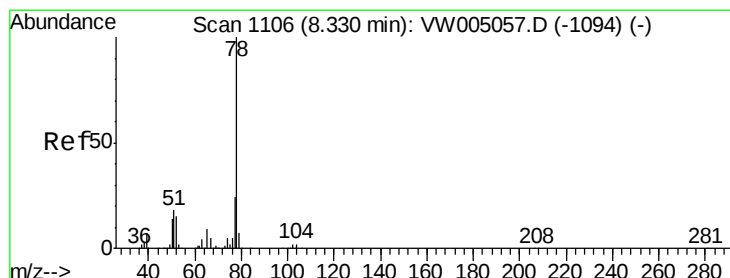
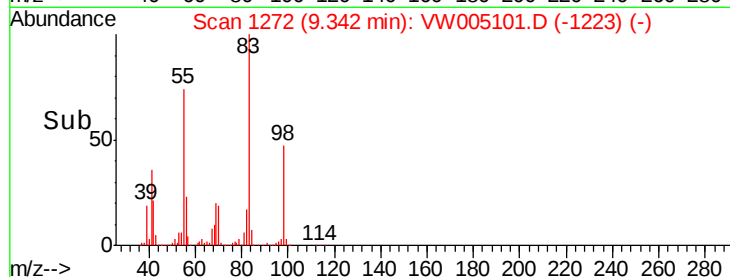
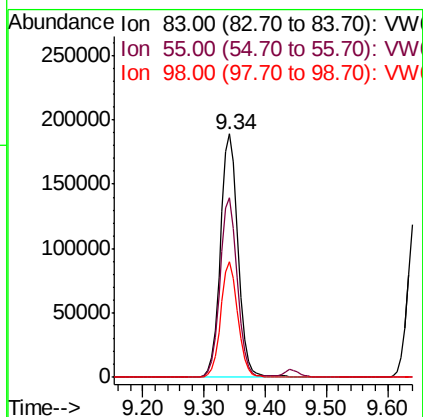
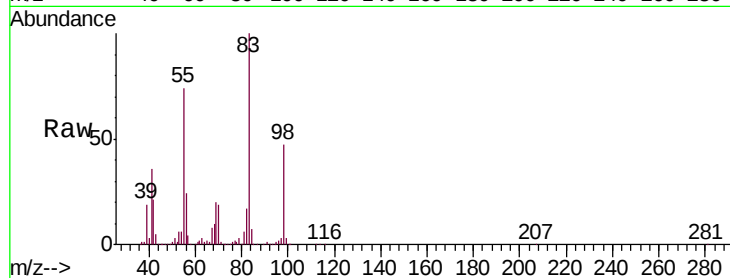




#39
Methylcyclohexane
Concen: 50.382 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

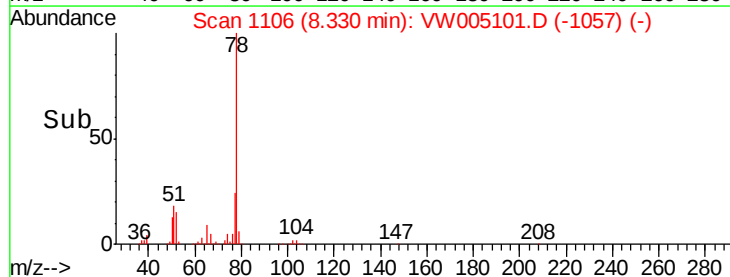
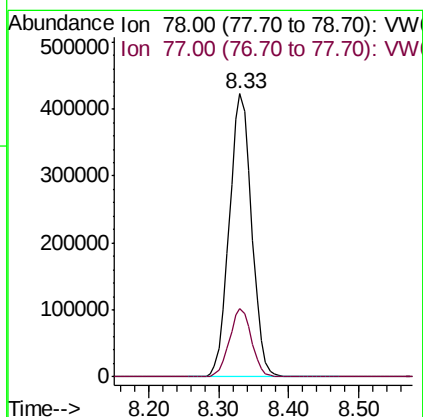
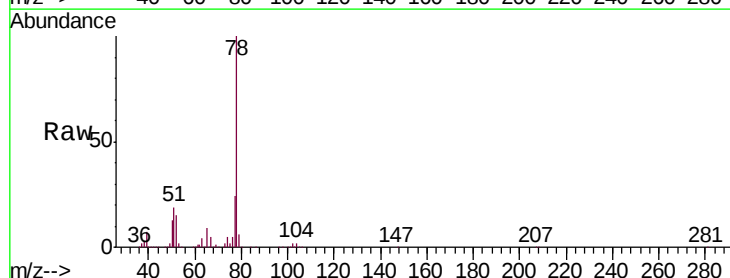
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

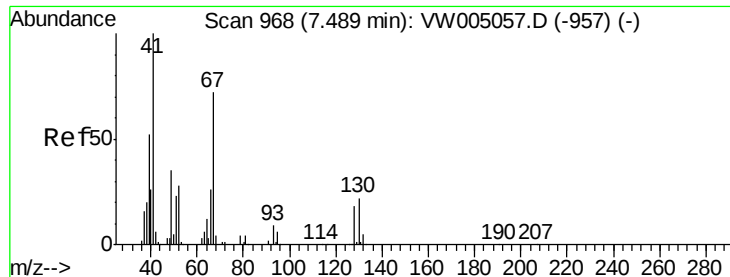
Tgt Ion: 83 Resp: 379179
Ion Ratio Lower Upper
83 100
55 73.8 58.9 88.3
98 47.4 36.8 55.2



#40
Benzene
Concen: 49.317 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion: 78 Resp: 939572
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

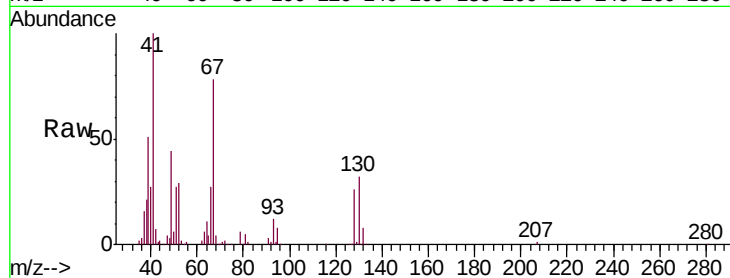




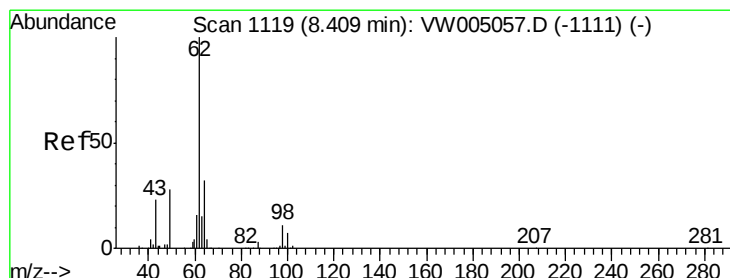
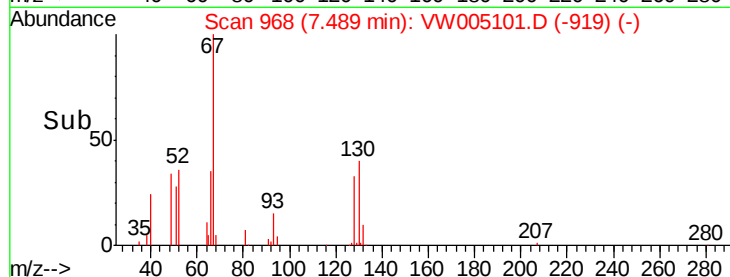
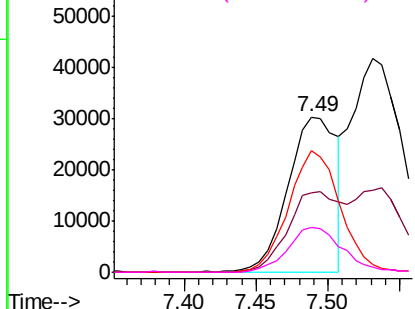
#41
Methacrylonitrile
Concen: 53.141 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	71660
Ion	Ratio	Lower	Upper
41	100		
39	58.3	41.8	62.8
67	83.2	60.4	90.6
52	32.7	23.8	35.8

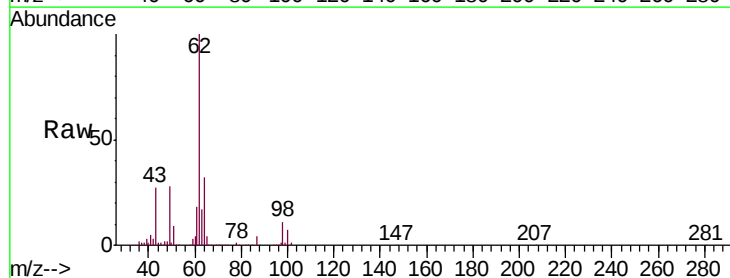


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

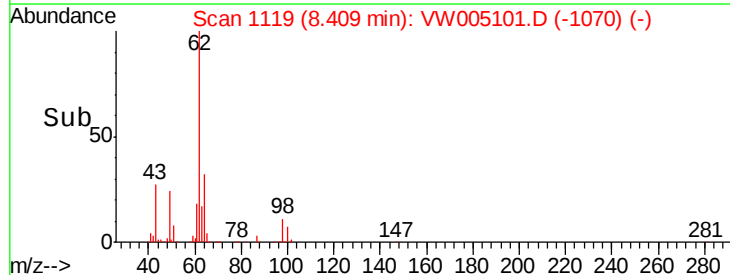
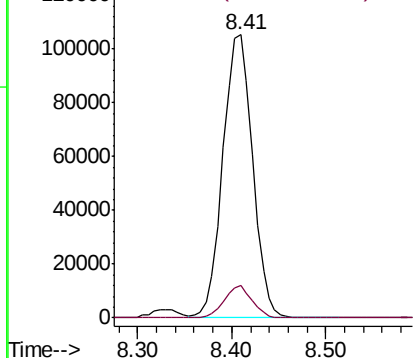


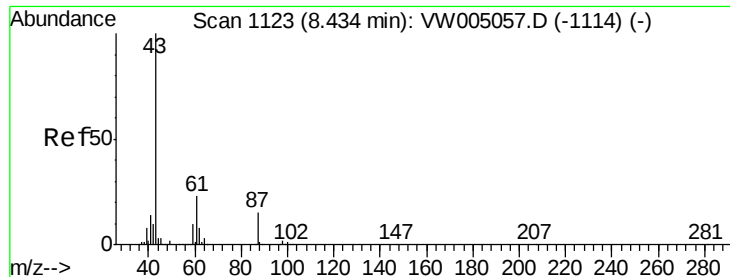
#42
1,2-Dichloroethane
Concen: 49.568 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion:	62	Resp:	231115
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.8



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

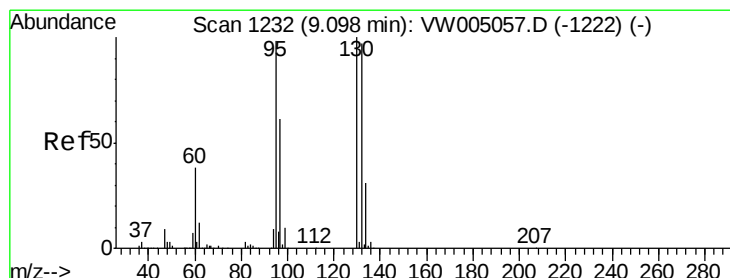
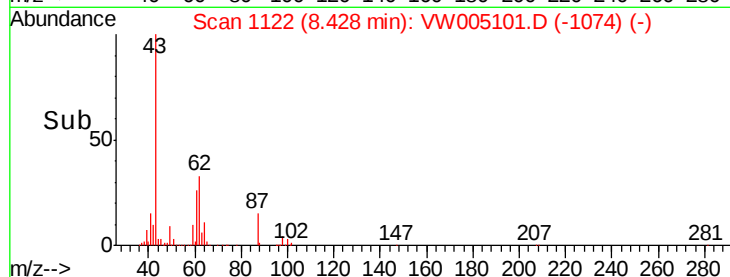
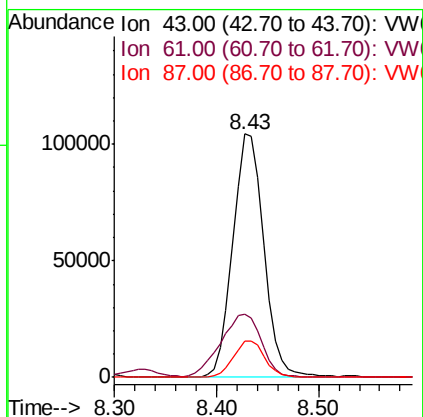
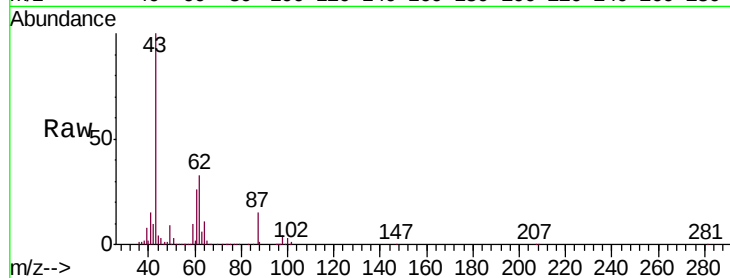




#43
Isopropyl Acetate
Concen: 51.766 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

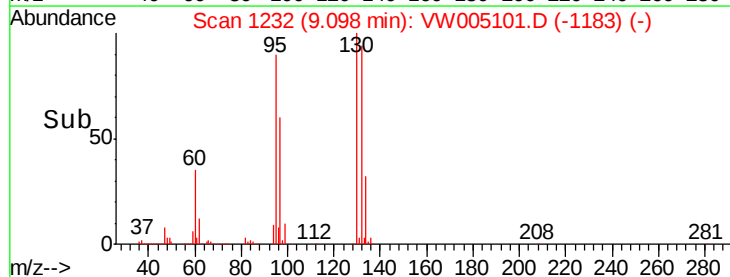
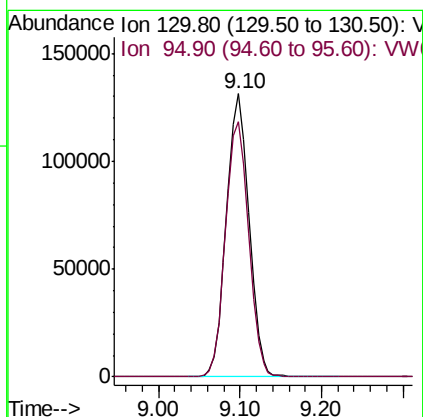
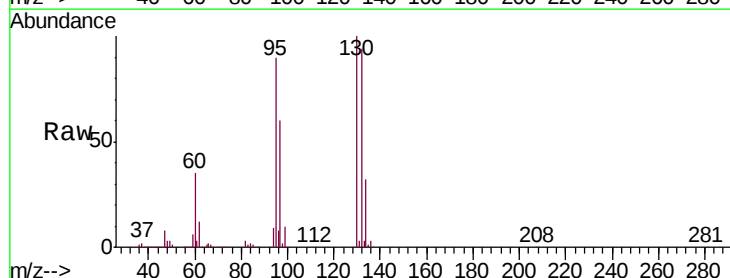
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

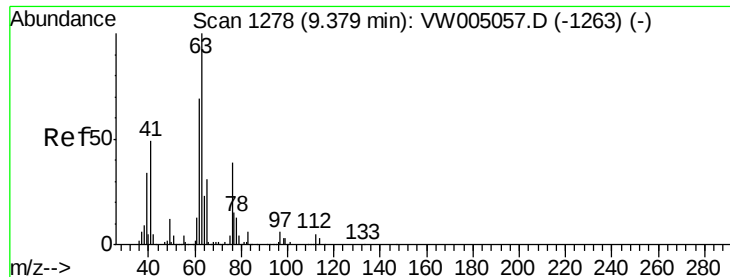
Tgt Ion: 43 Resp: 219232
Ion Ratio Lower Upper
43 100
61 33.7 26.8 40.2
87 15.3 11.6 17.4



#44
Trichloroethene
Concen: 49.105 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion: 130 Resp: 252417
Ion Ratio Lower Upper
130 100
95 90.0 0.0 195.2

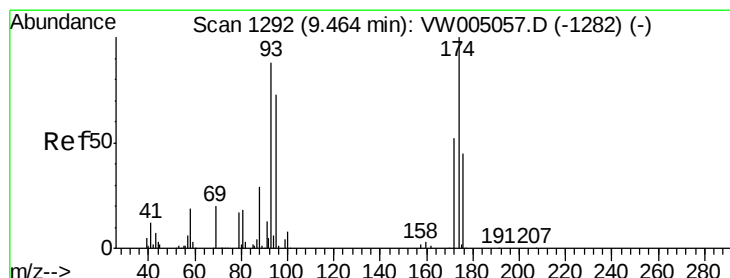
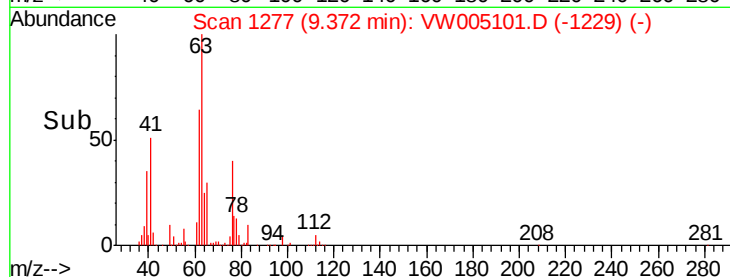
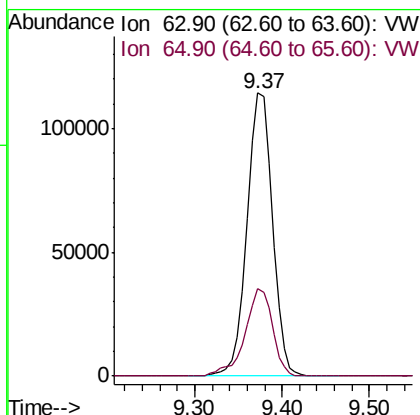
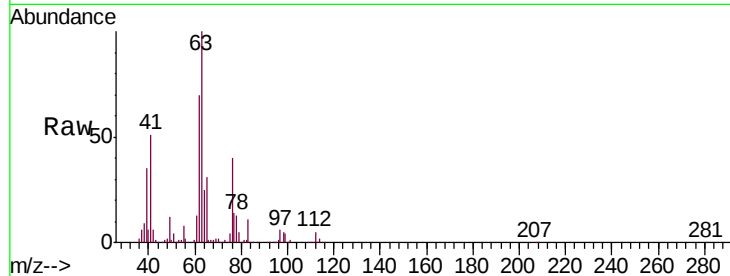




#45
 1,2-Dichloropropane
 Concen: 49.661 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

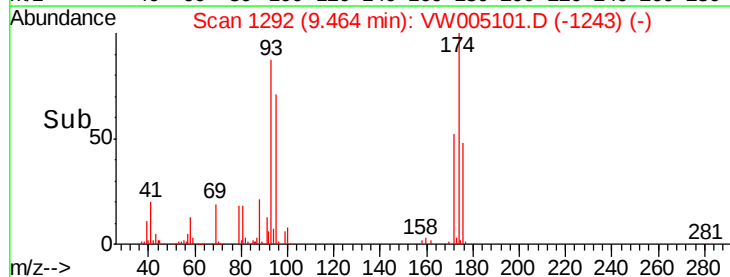
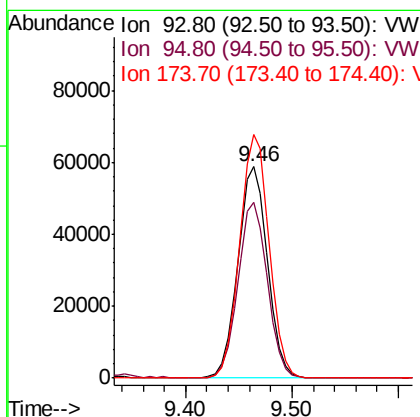
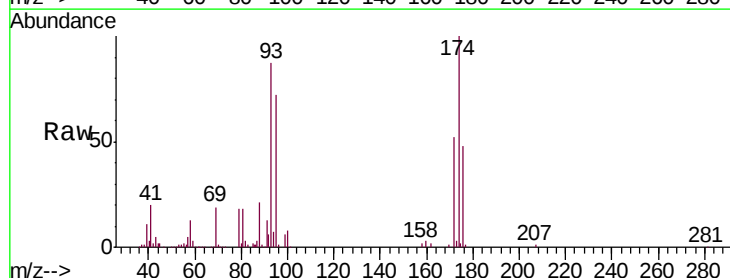
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

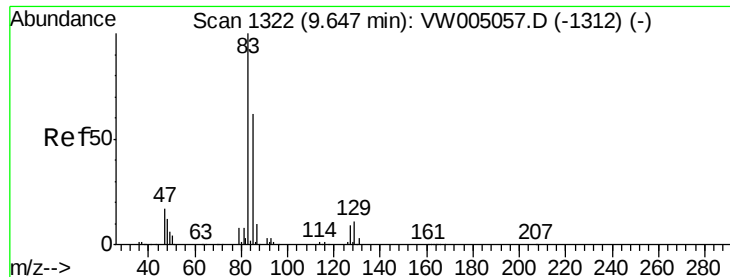
Tgt Ion: 63 Resp: 231130
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 37.0



#46
 Dibromomethane
 Concen: 51.529 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 93 Resp: 114679
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.4
 174 114.5 92.0 138.0





#47

Bromodichloromethane

Concen: 50.081 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

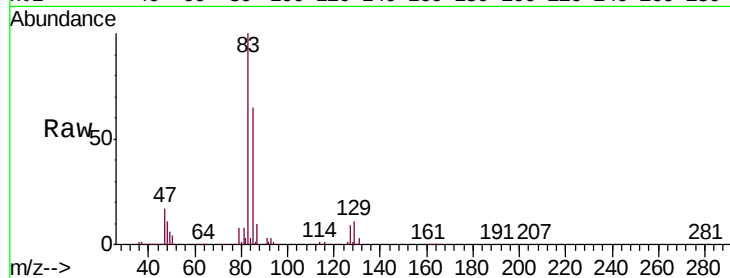
Tgt Ion: 83 Resp: 280640

Ion Ratio Lower Upper

83 100

85 64.6 49.8 74.6

127 8.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

200000

150000

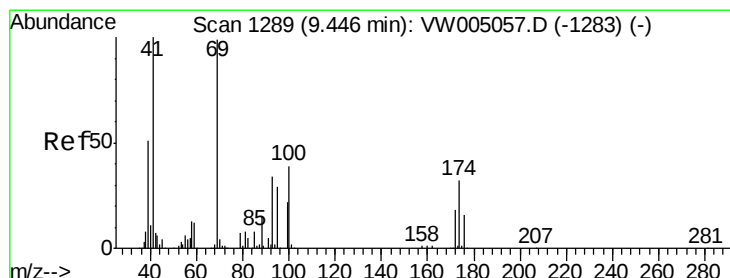
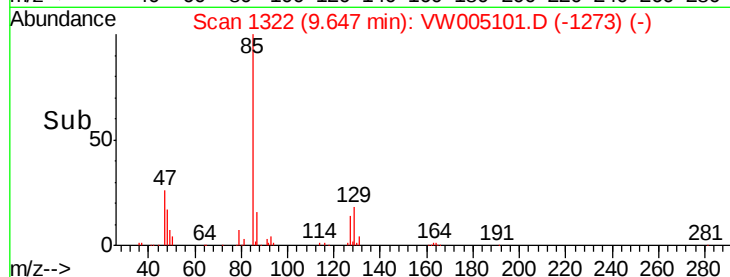
100000

50000

0

9.60 9.70

Time-->



#48

Methyl methacrylate

Concen: 57.527 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

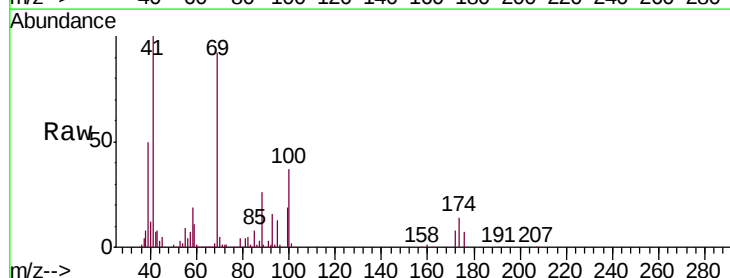
Tgt Ion: 41 Resp: 117313

Ion Ratio Lower Upper

41 100

69 100.9 80.4 120.6

39 54.4 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

80000

60000

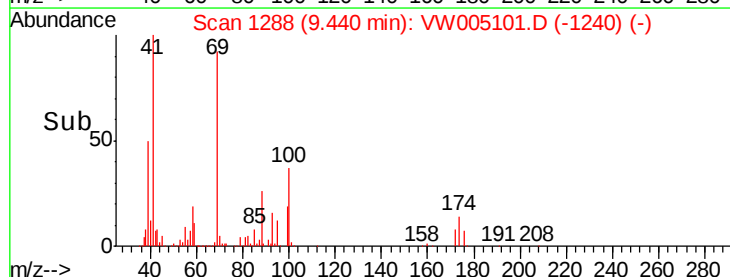
40000

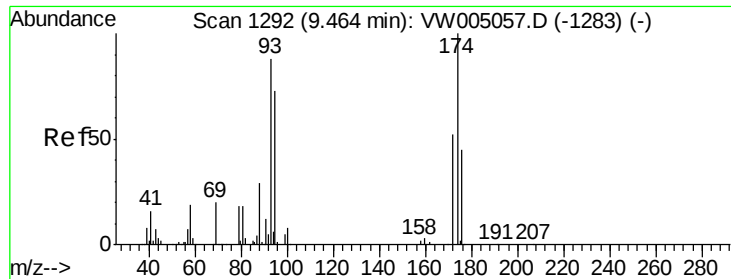
20000

0

9.40 9.45 9.50

Time-->





#49

1,4-Dioxane

Concen: 1339.847 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

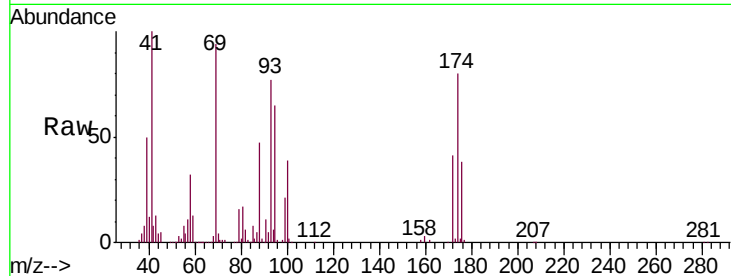
Tgt Ion: 88 Resp: 48221

Ion Ratio Lower Upper

88 100

43 28.2 19.8 29.6

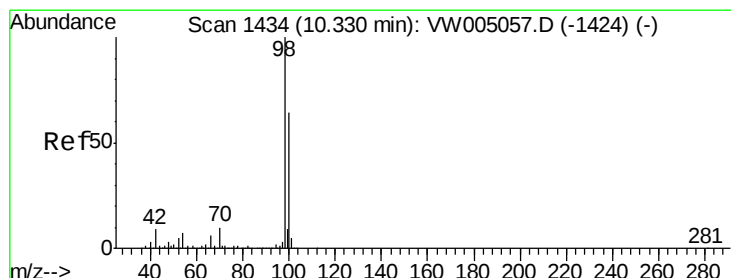
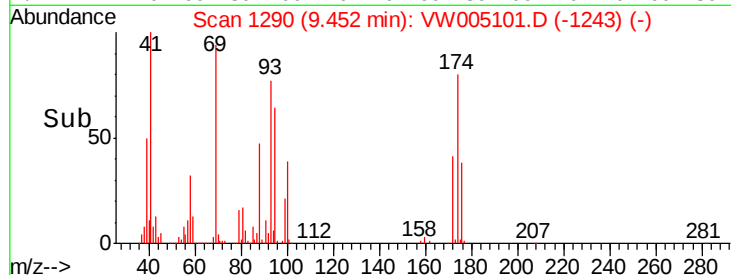
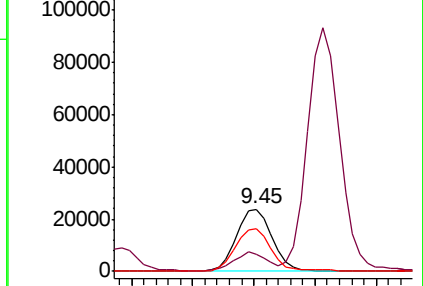
58 67.4 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.072 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005101.D

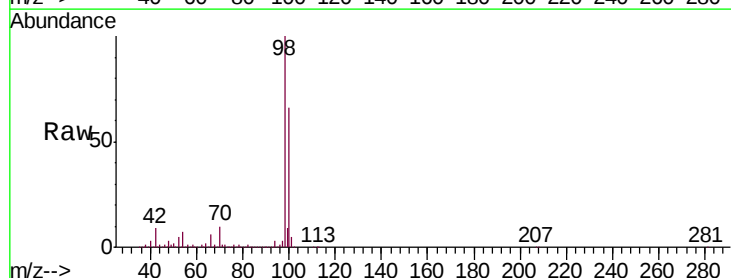
Acq: 05 Sep 2018 01:44

Tgt Ion: 98 Resp: 923430

Ion Ratio Lower Upper

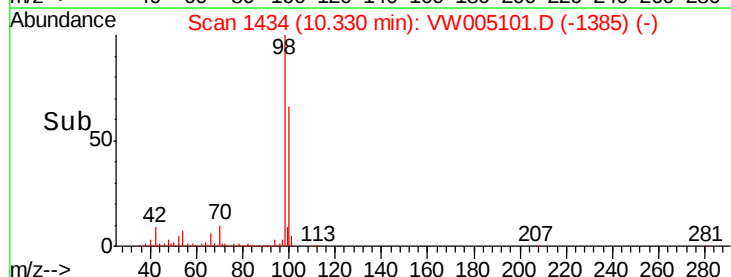
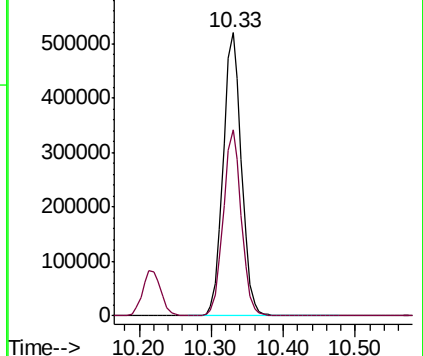
98 100

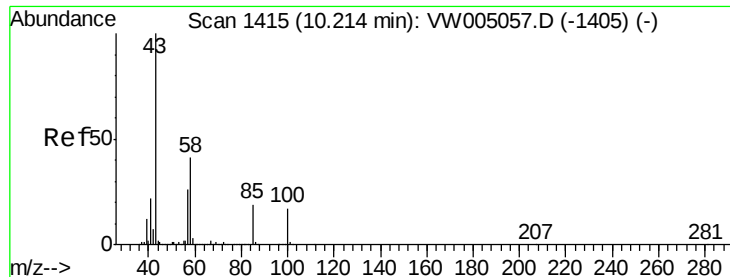
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

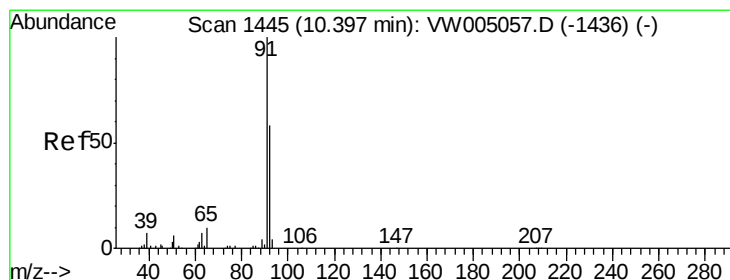
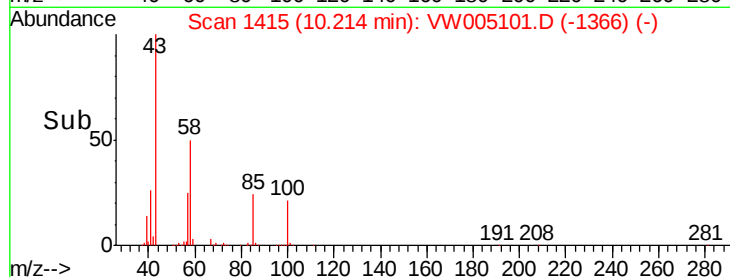
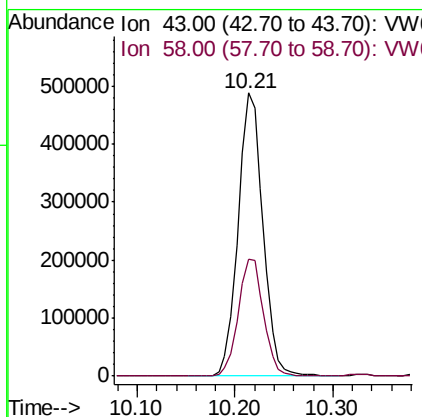
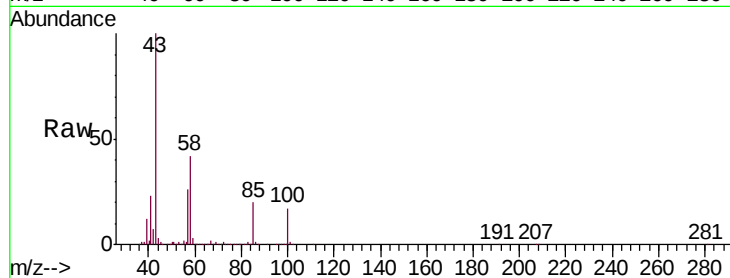




#51
 4-Methyl-2-Pentanone
 Concen: 303.074 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

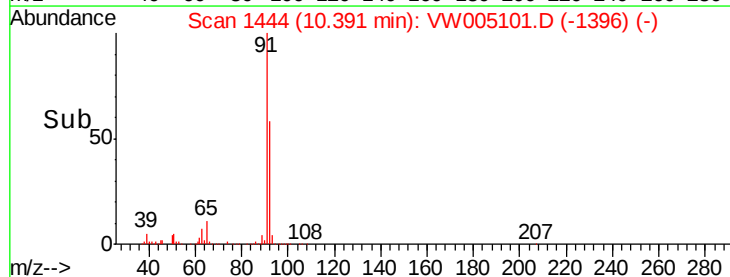
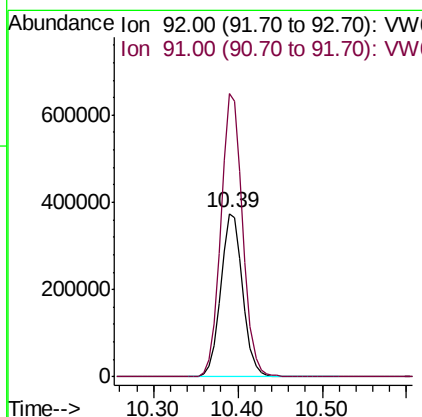
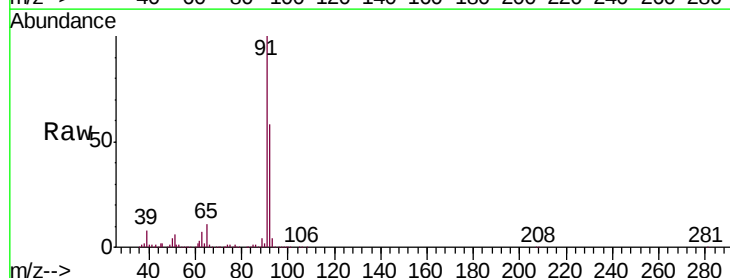
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

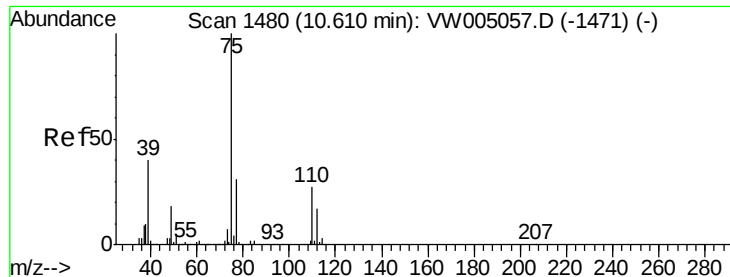
Tgt Ion: 43 Resp: 860224
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.3 49.9



#52
 Toluene
 Concen: 51.921 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion: 92 Resp: 670246
 Ion Ratio Lower Upper
 92 100
 91 172.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 52.257 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

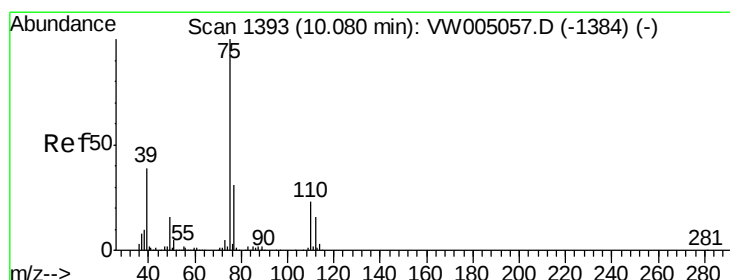
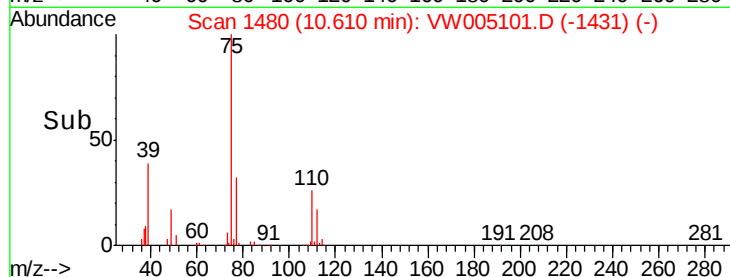
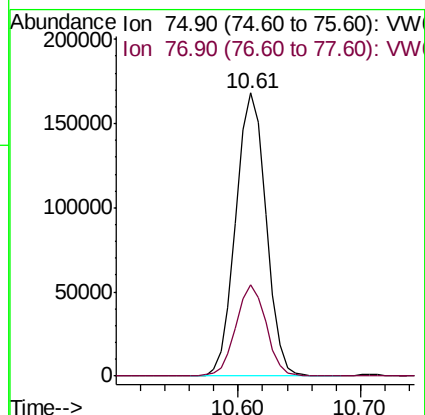
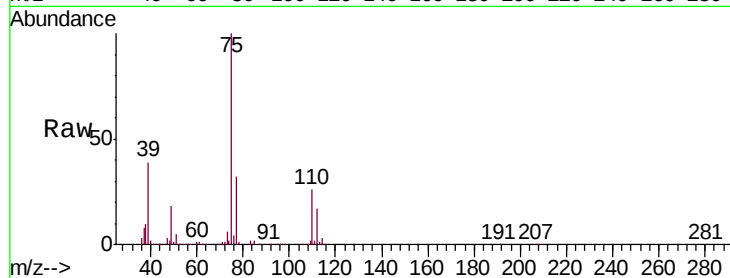
VSTDCCC050

Tgt Ion: 75 Resp: 287743

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.068 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

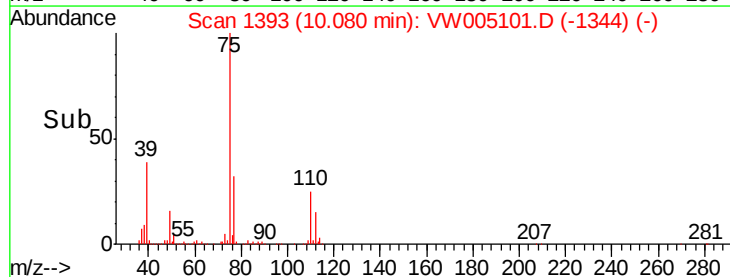
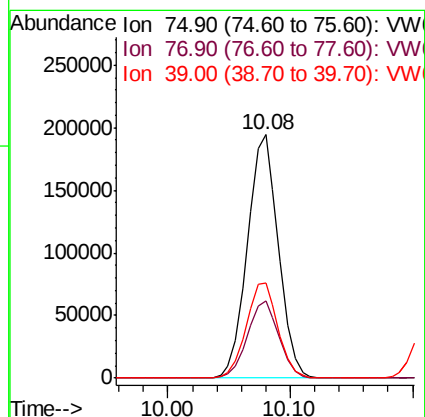
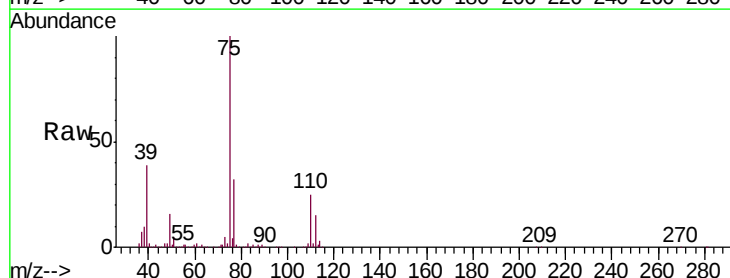
Tgt Ion: 75 Resp: 341973

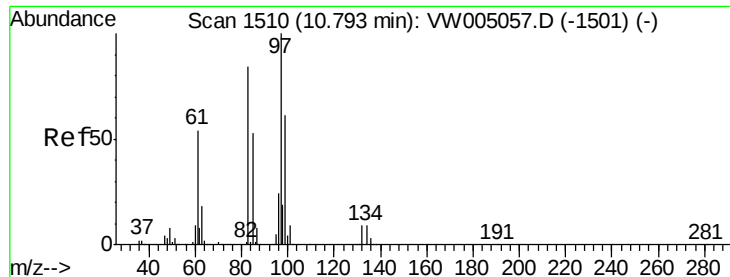
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 39.2 31.0 46.6

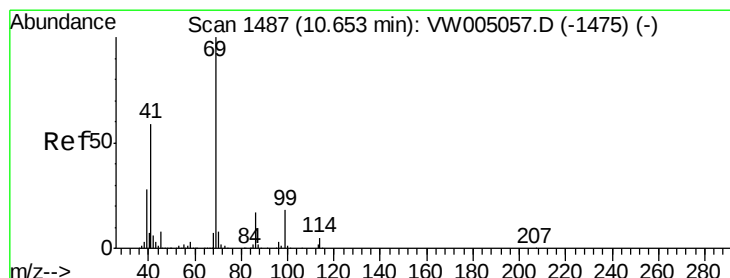
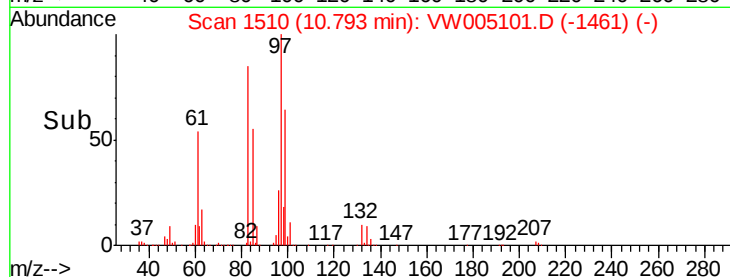
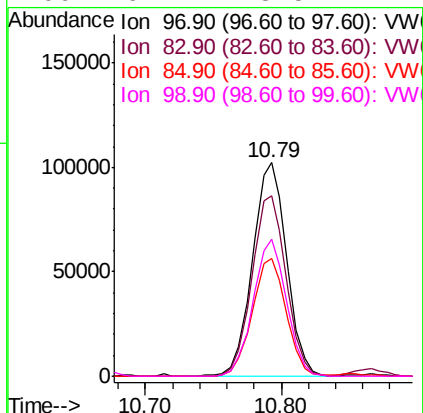
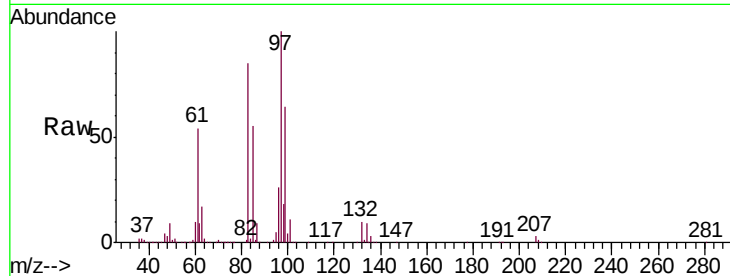




#55
 1,1,2-Trichloroethane
 Concen: 52.291 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

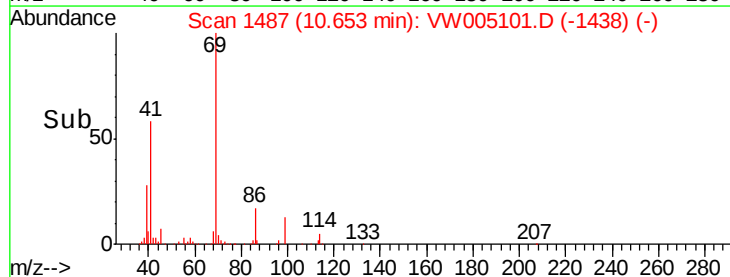
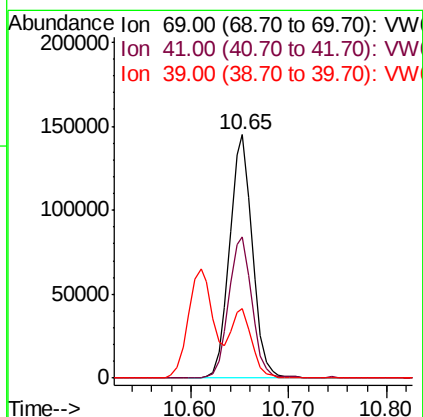
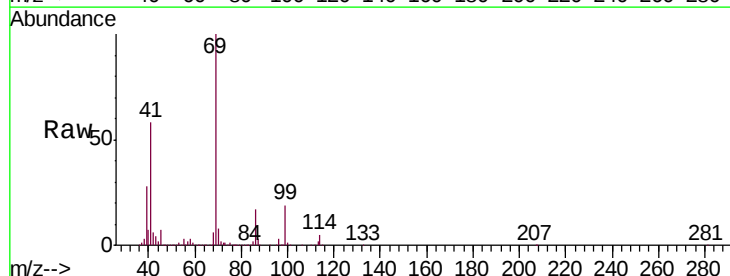
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

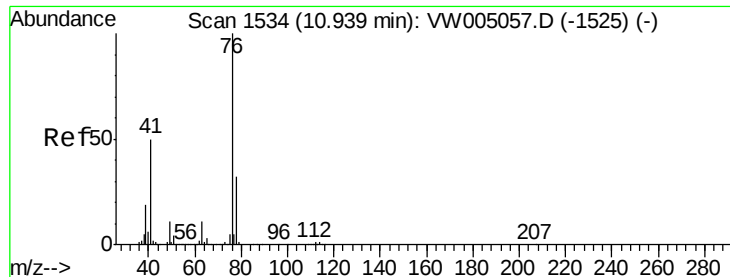
Tgt Ion:	97	Resp:	180182
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.0	100.6
85	54.9	42.3	63.5
99	64.2	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 59.249 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion:	69	Resp:	232915
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.8	71.6
39	25.9	21.1	31.7





#57

1,3-Dichloropropane

Concen: 52.782 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

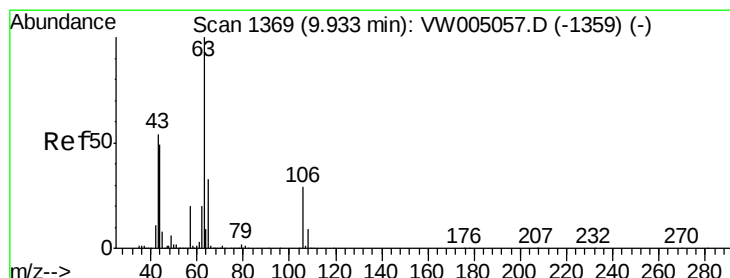
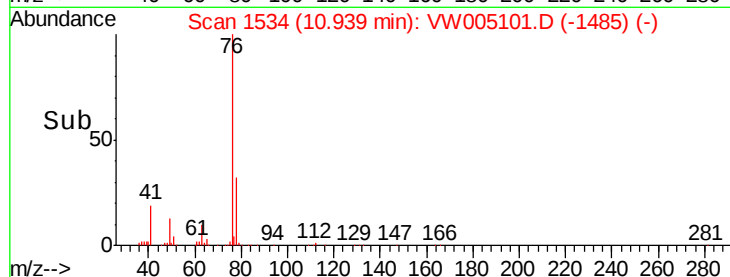
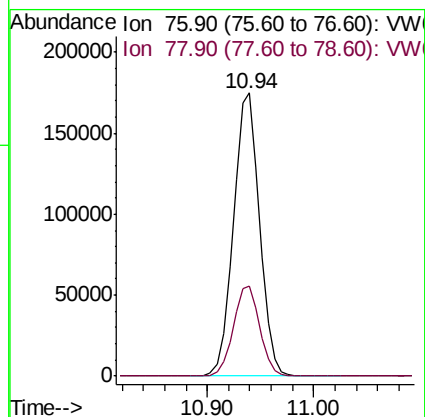
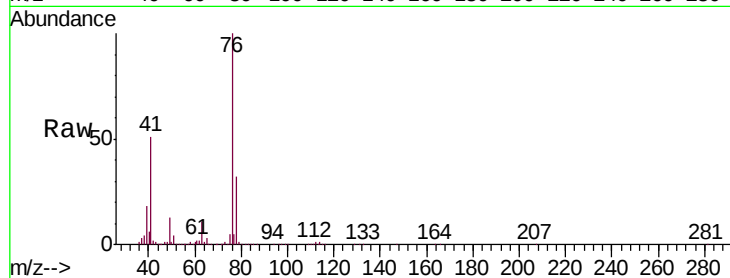
VSTDCCC050

Tgt Ion: 76 Resp: 299422

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 307.688 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005101.D

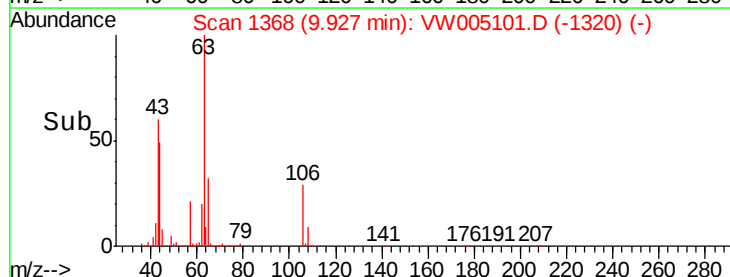
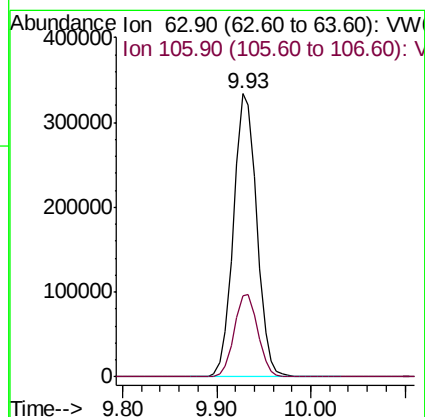
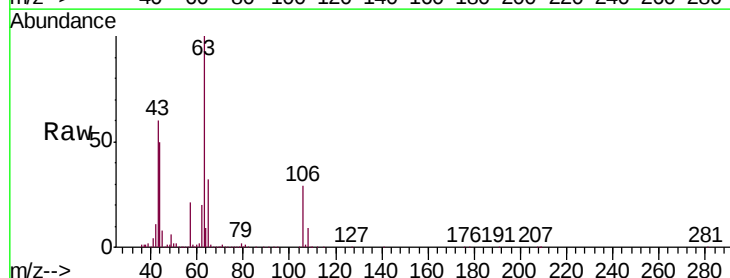
Acq: 05 Sep 2018 01:44

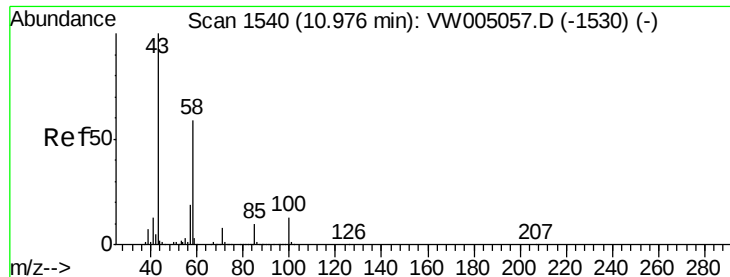
Tgt Ion: 63 Resp: 573149

Ion Ratio Lower Upper

63 100

106 29.6 23.1 34.7

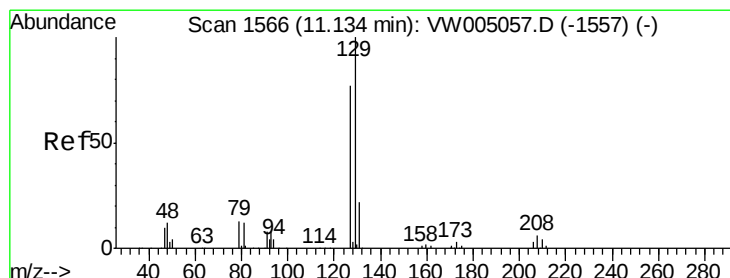
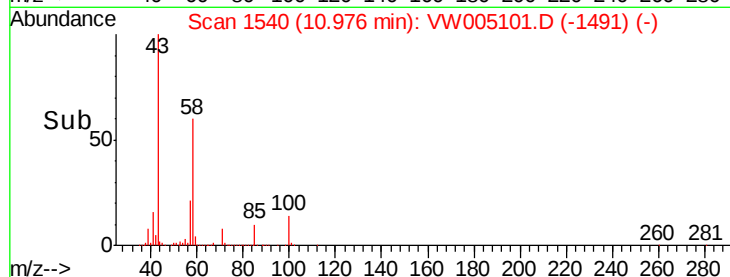
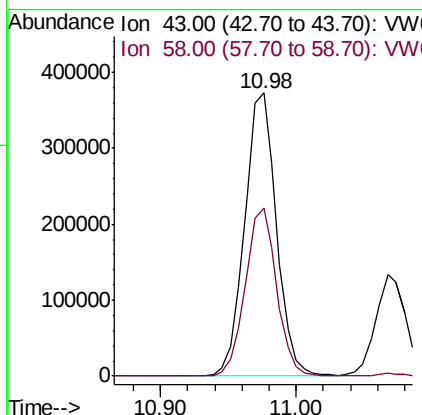
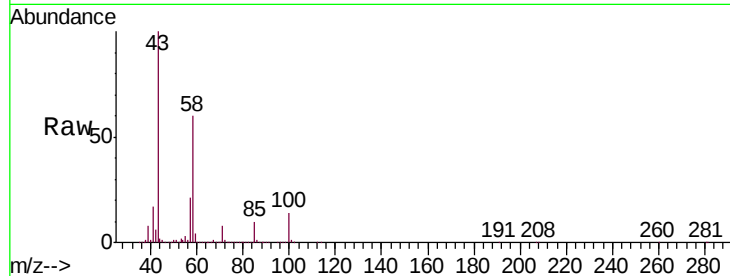




#59
2-Hexanone
Concen: 318.003 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

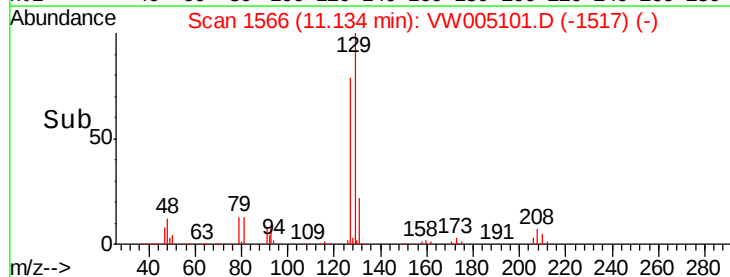
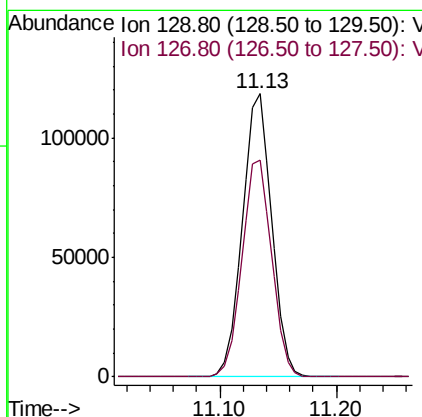
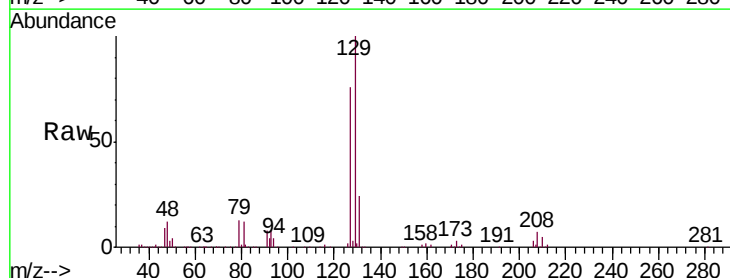
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

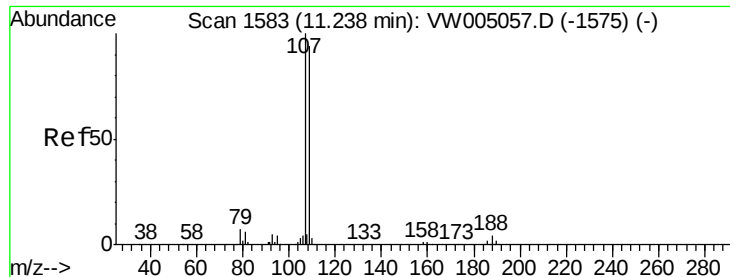
Tgt Ion: 43 Resp: 610481
Ion Ratio Lower Upper
43 100
58 58.6 28.7 86.3



#60
Dibromochloromethane
Concen: 53.366 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion: 129 Resp: 207888
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.580 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

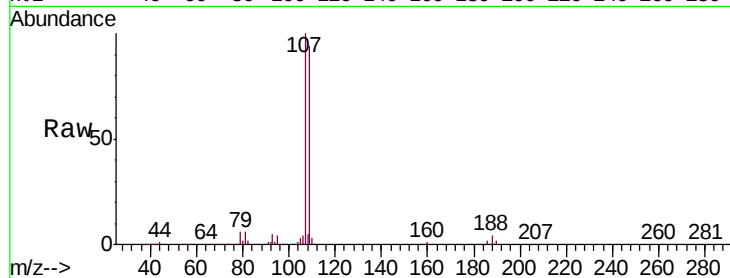
VSTDCCC050

Tgt Ion: 107 Resp: 166684

Ion Ratio Lower Upper

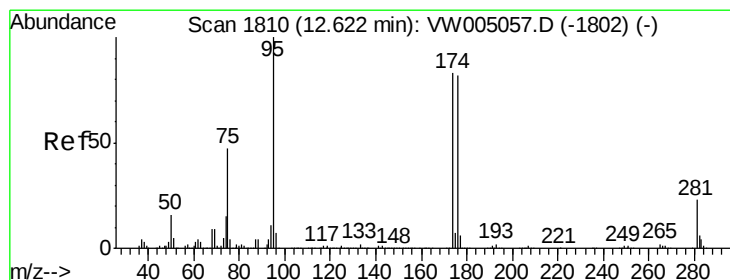
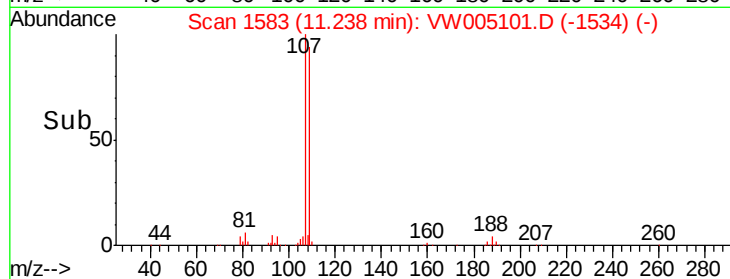
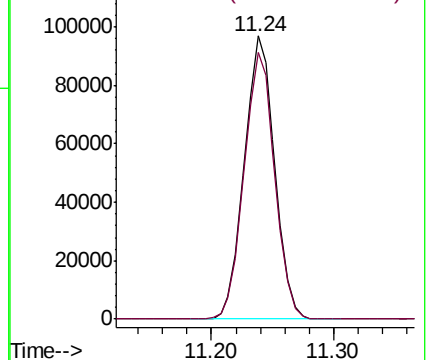
107 100

109 94.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.708 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

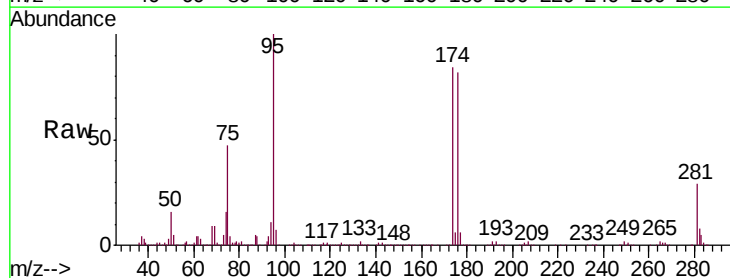
Tgt Ion: 95 Resp: 335644

Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.4

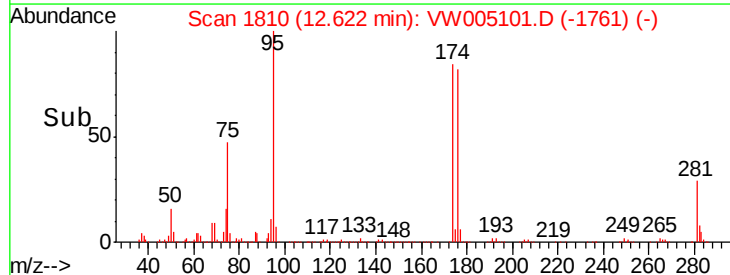
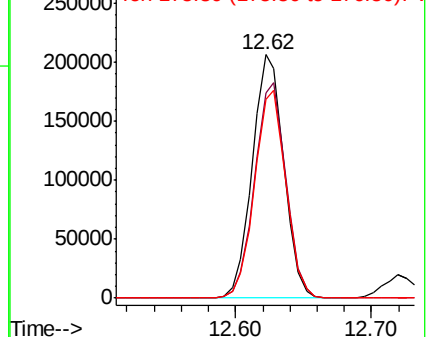
176 84.8 0.0 167.4

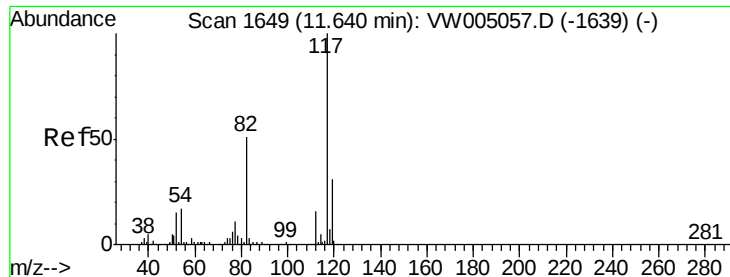


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

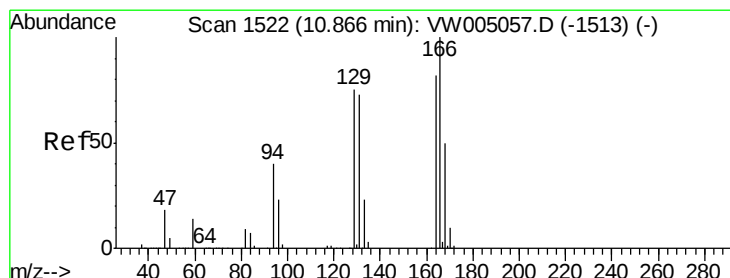
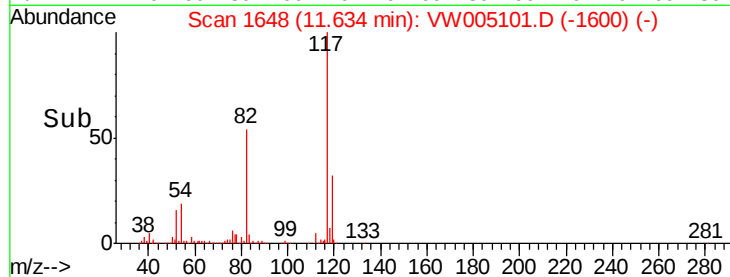
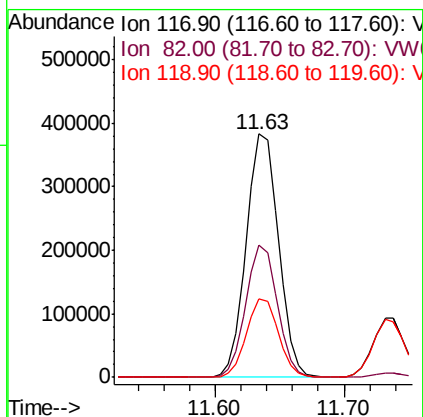
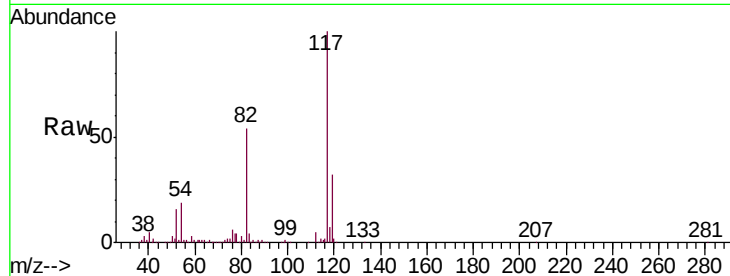




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

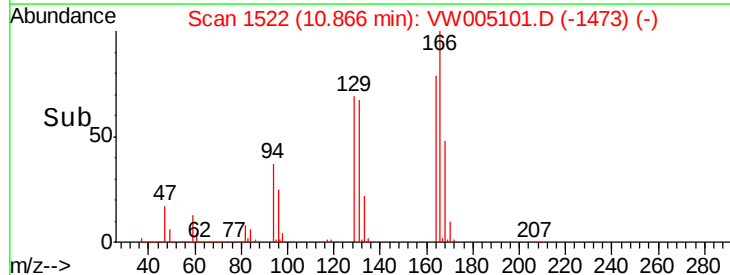
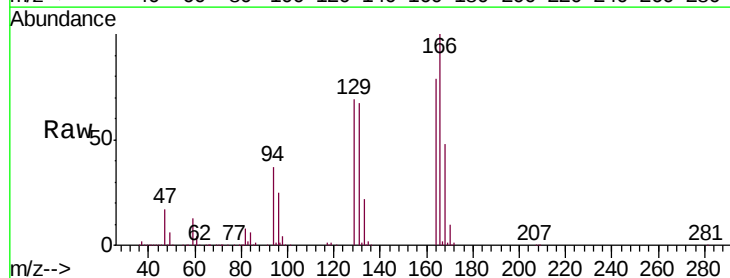
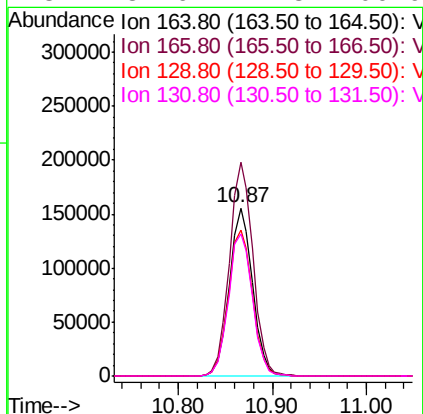
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

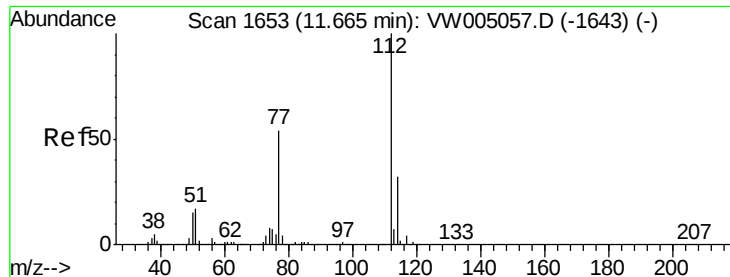
Tgt Ion:117 Resp: 663193
Ion Ratio Lower Upper
117 100
82 54.3 40.9 61.3
119 32.4 24.9 37.3



#64
Tetrachloroethene
Concen: 50.996 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion:164 Resp: 265358
Ion Ratio Lower Upper
164 100
166 126.9 97.3 145.9
129 87.0 73.1 109.7
131 84.6 71.3 106.9





#65

Chlorobenzene

Concen: 50.125 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

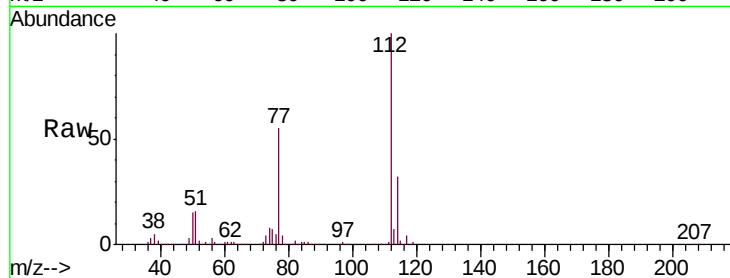
VSTDCCC050

Tgt Ion:112 Resp: 748370

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

400000

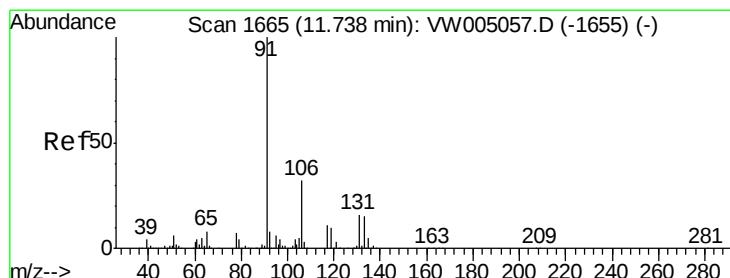
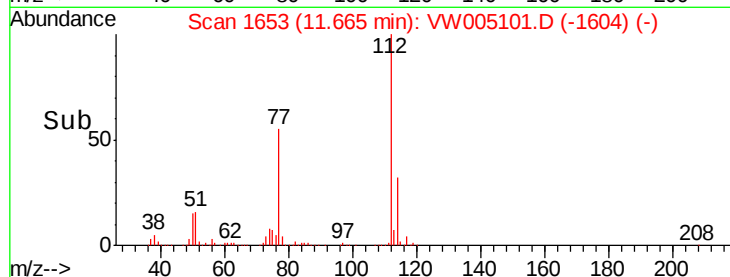
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.938 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

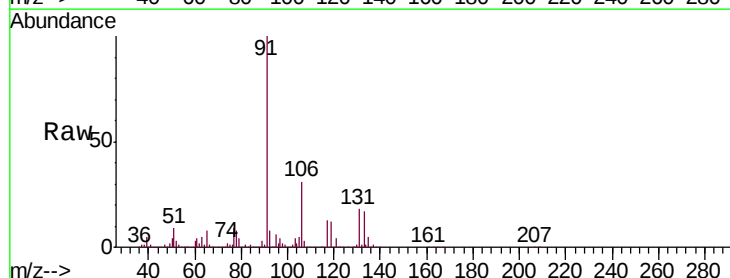
Tgt Ion:131 Resp: 227839

Ion Ratio Lower Upper

131 100

133 96.4 47.4 142.3

119 67.7 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

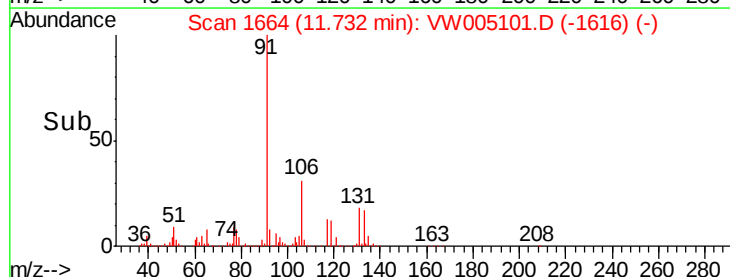
150000

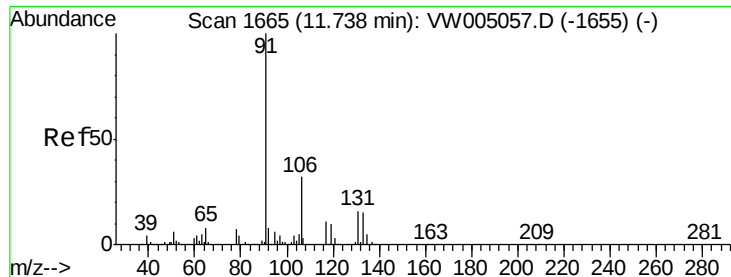
100000

50000

0

Time-->

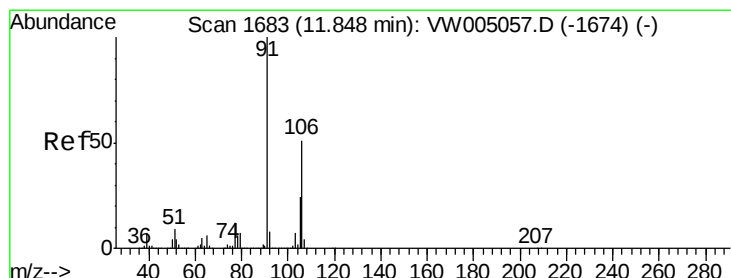
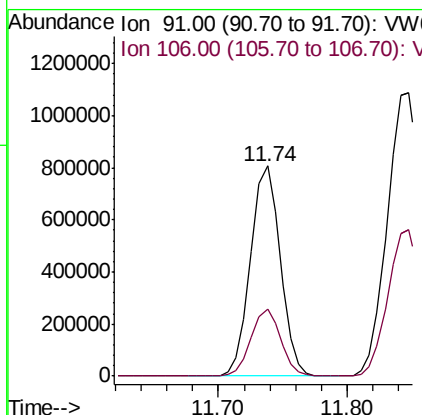
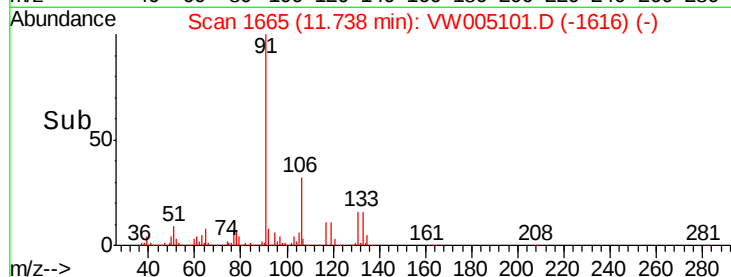
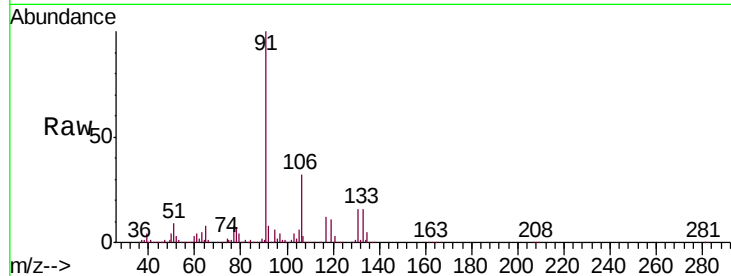




#67
Ethyl Benzene
Concen: 51.122 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

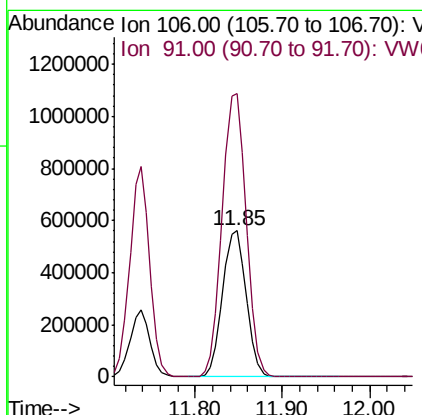
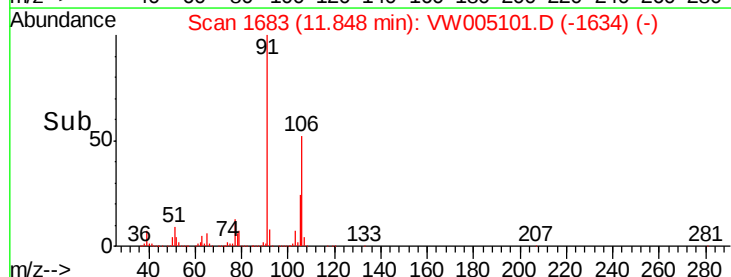
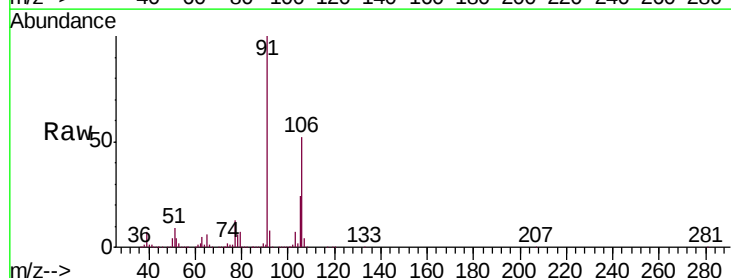
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

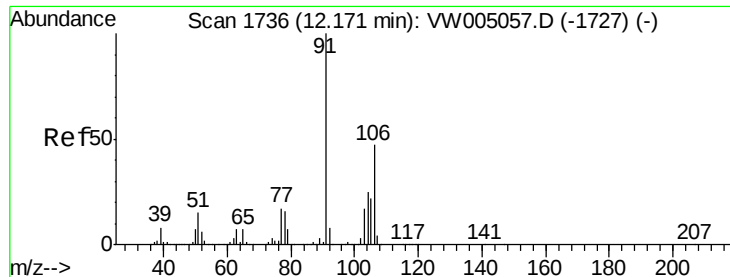
Tgt Ion: 91 Resp: 1290309
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9



#68
m/p-Xylenes
Concen: 104.271 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion: 106 Resp: 1053750
Ion Ratio Lower Upper
106 100
91 197.4 158.4 237.6

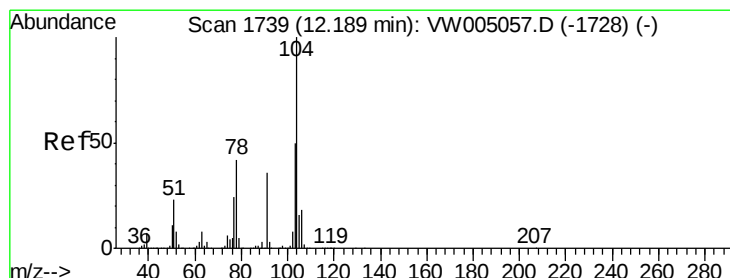
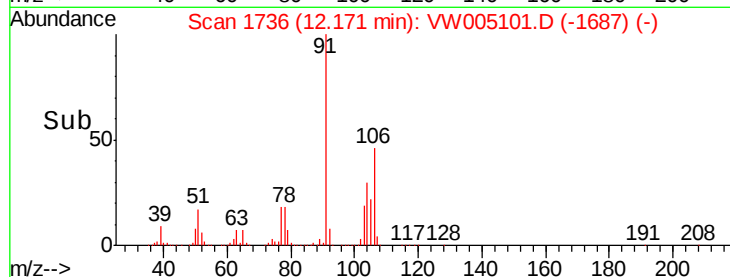
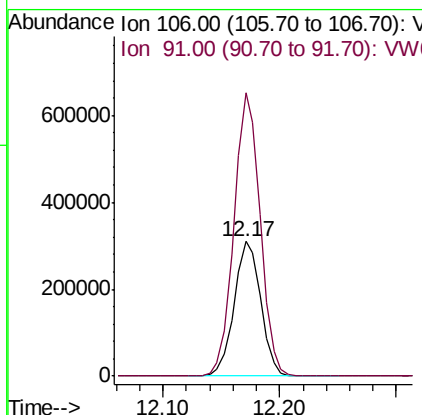
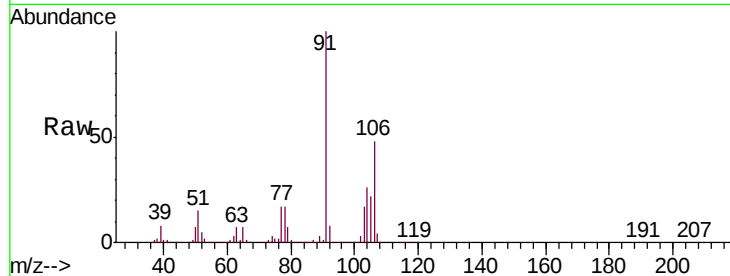




#69
o-Xylene
Concen: 52.483 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

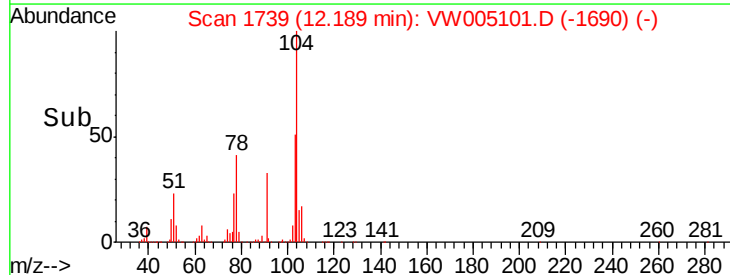
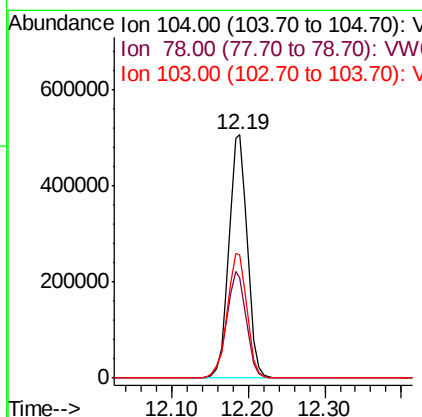
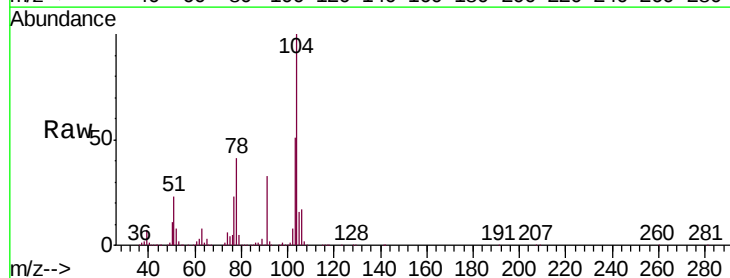
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

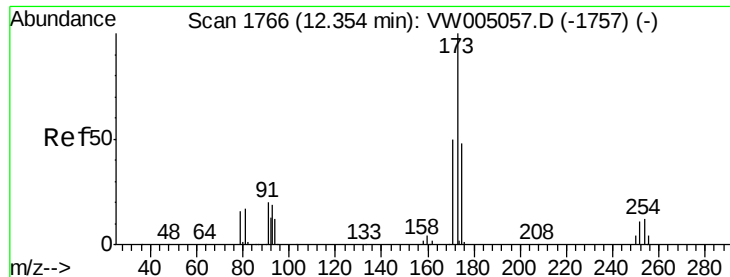
Tgt Ion:106 Resp: 490377
Ion Ratio Lower Upper
106 100
91 208.4 105.6 316.8



#70
Styrene
Concen: 54.169 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion:104 Resp: 836065
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 54.9 44.1 66.1

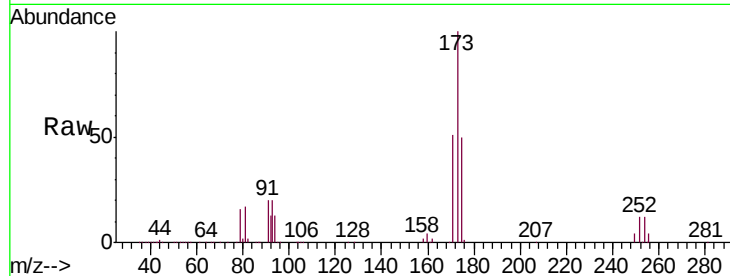




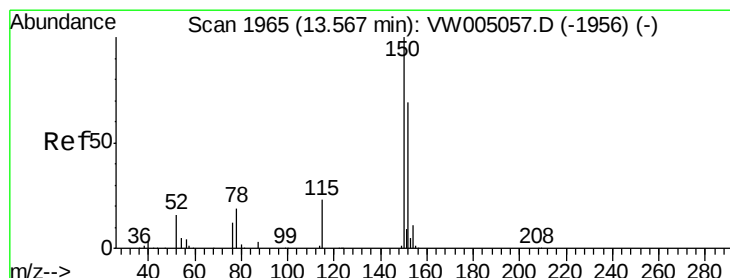
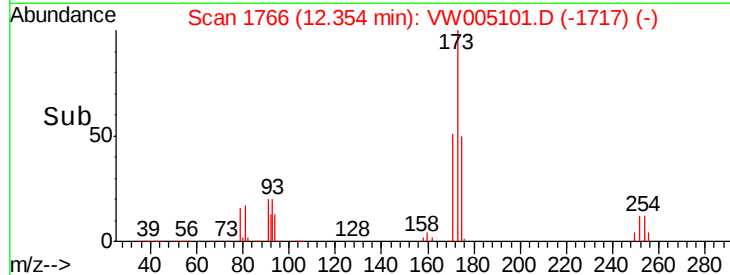
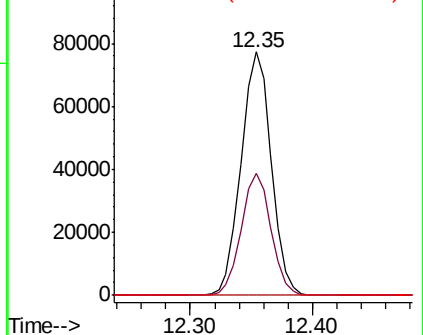
#71
Bromoform
Concen: 54.668 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 132193
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.2
254 0.2 0.2 0.2

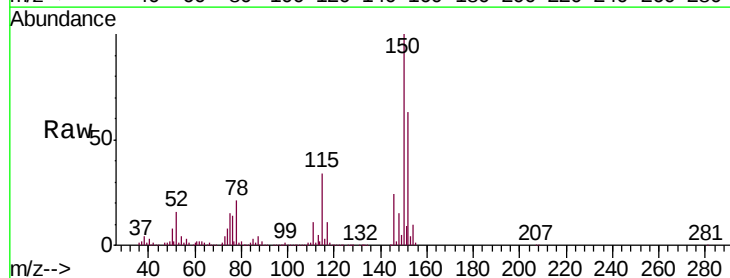


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

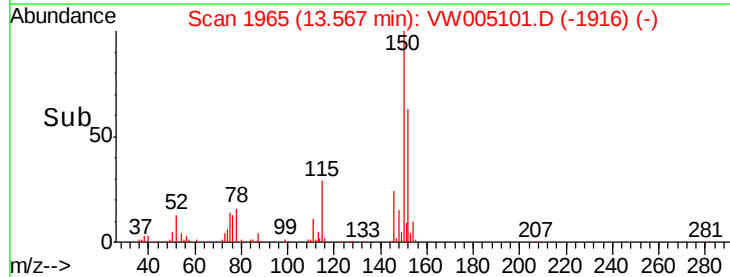
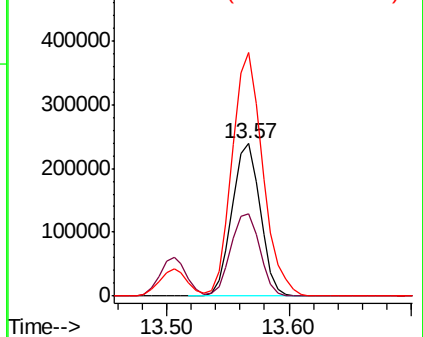


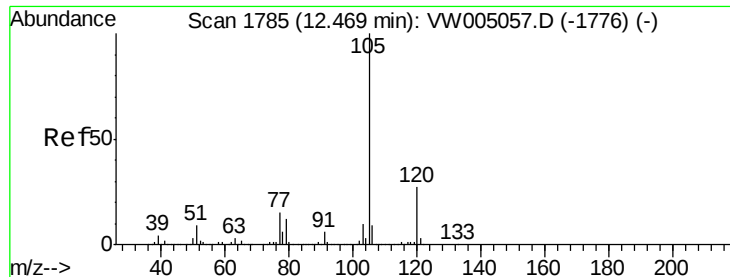
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion:152 Resp: 379421
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 173.9 0.0 351.4



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





#73

Isopropylbenzene

Concen: 48.865 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

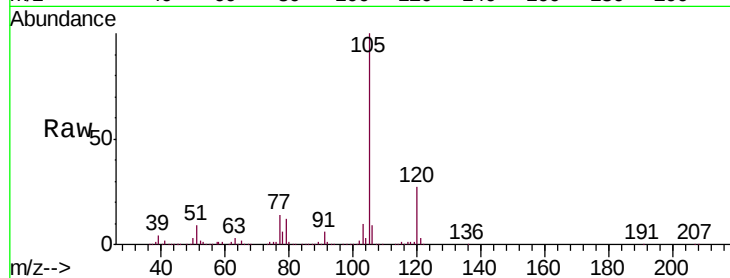
VSTDCCC050

Tgt Ion:105 Resp: 1307304

Ion Ratio Lower Upper

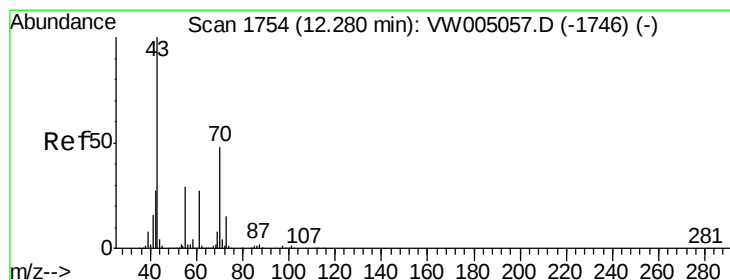
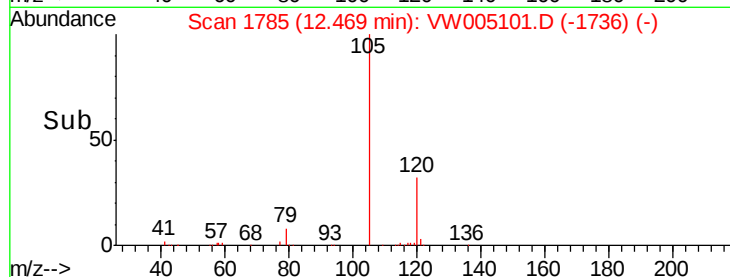
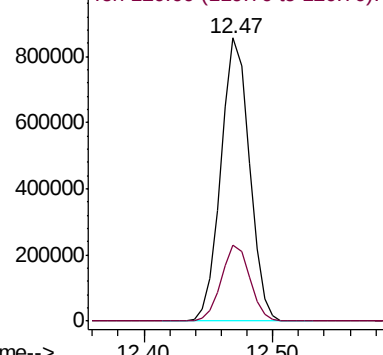
105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.403 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion: 43 Resp: 232187

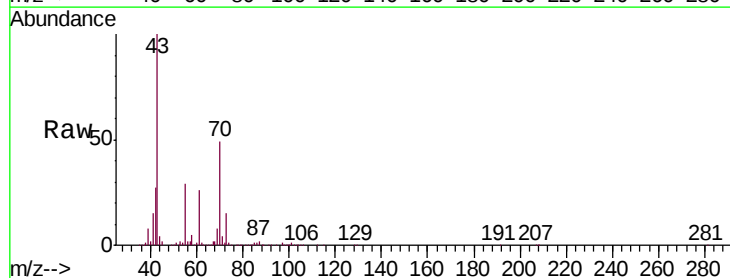
Ion Ratio Lower Upper

43 100

70 48.7 38.2 57.4

55 29.9 23.2 34.8

61 26.4 20.6 31.0

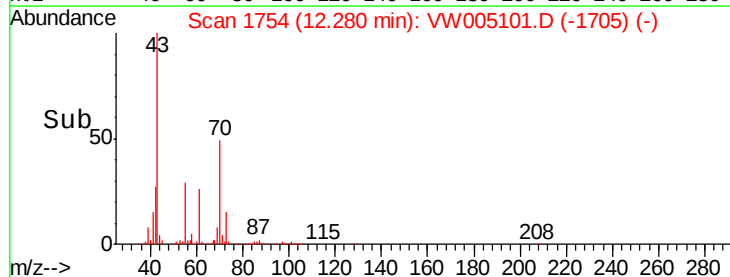
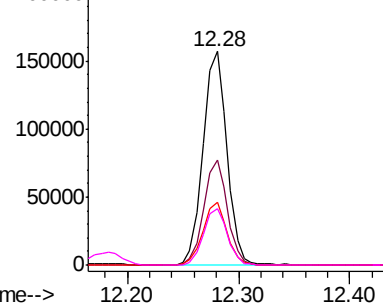


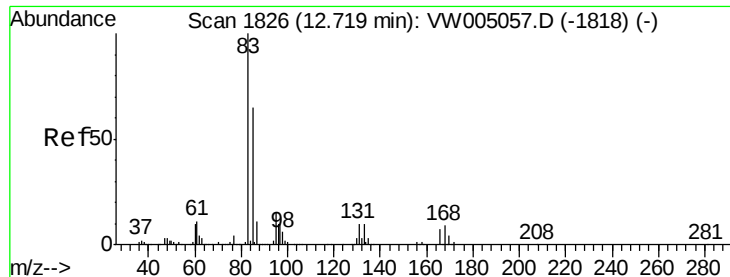
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 52.378 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

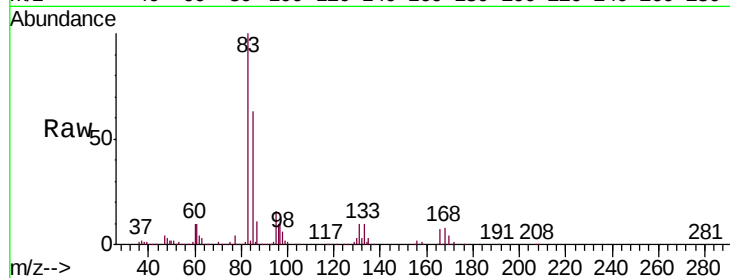
Tgt Ion: 83 Resp: 213319

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

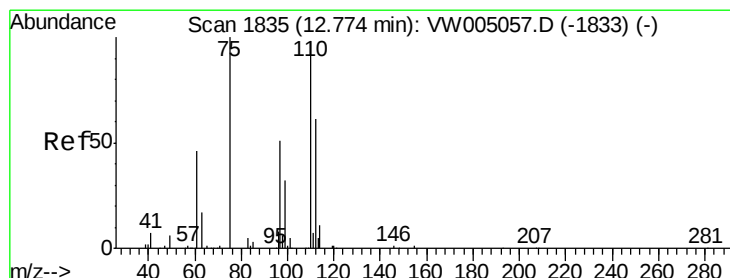
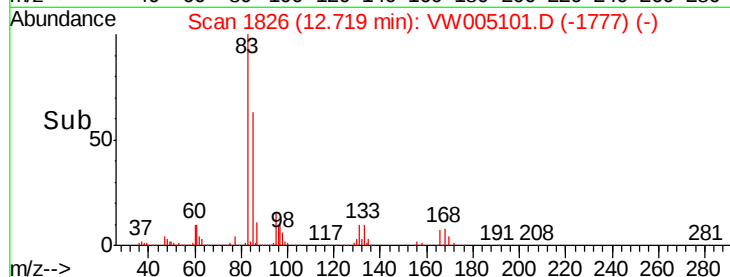
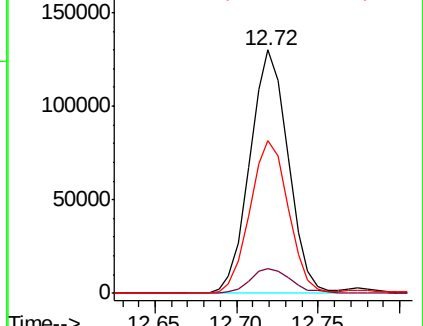
85 63.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.976 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW005101.D

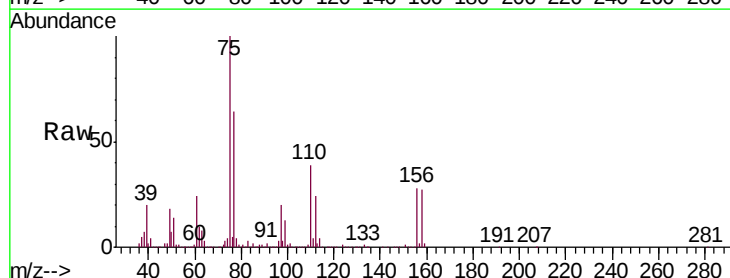
Acq: 05 Sep 2018 01:44

Tgt Ion: 75 Resp: 273342

Ion Ratio Lower Upper

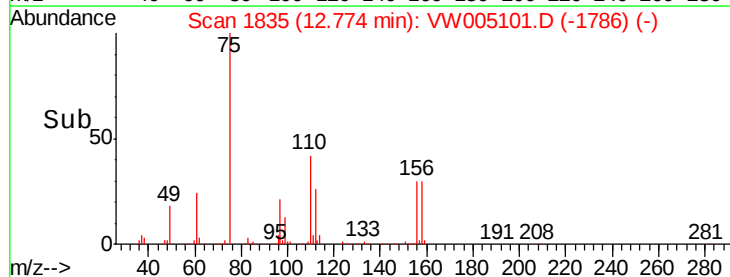
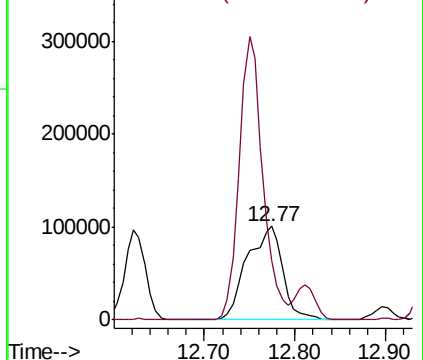
75 100

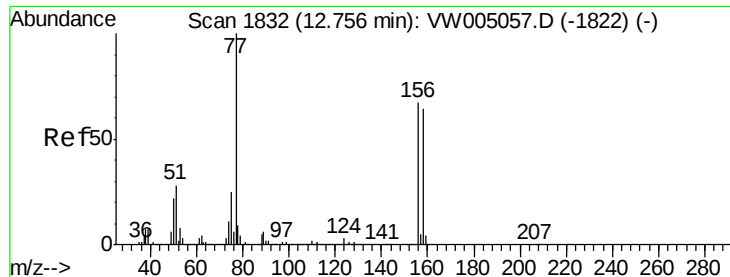
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.187 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

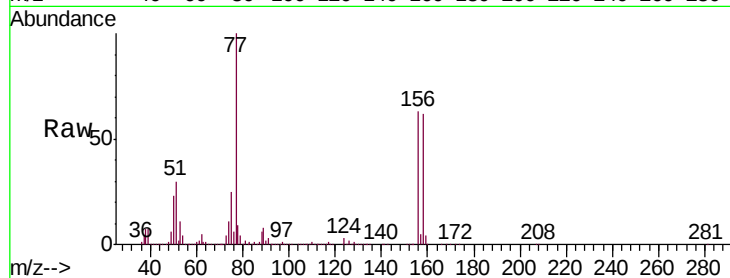
Tgt Ion:156 Resp: 324241

Ion Ratio Lower Upper

156 100

77 170.8 85.8 257.4

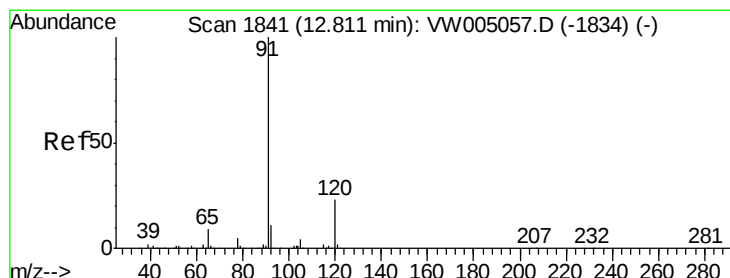
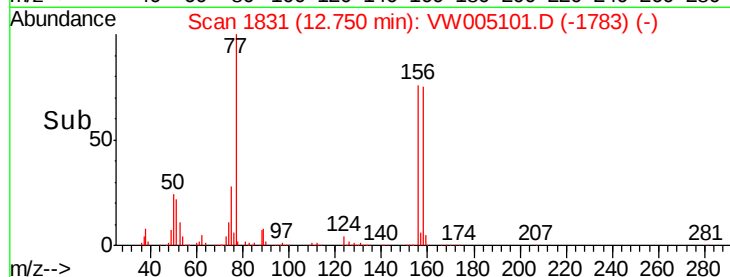
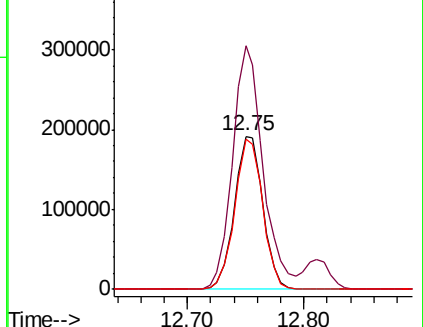
158 97.0 48.1 144.4



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: 49.248 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW005101.D

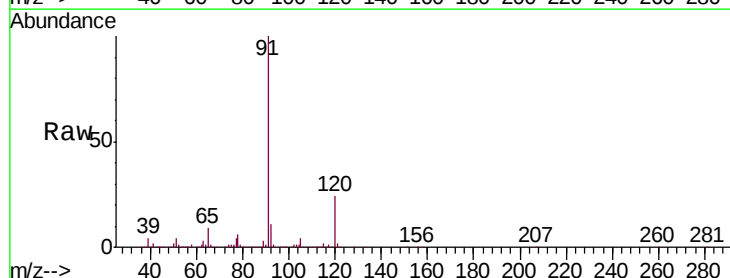
Acq: 05 Sep 2018 01:44

Tgt Ion: 91 Resp: 1590544

Ion Ratio Lower Upper

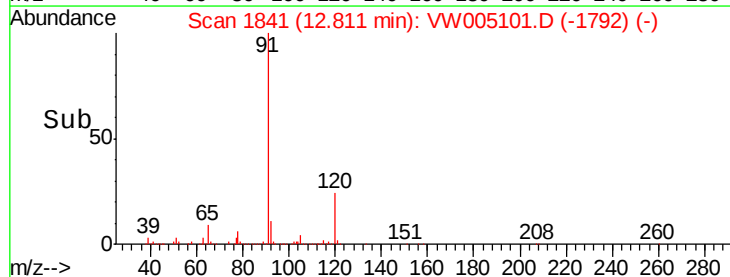
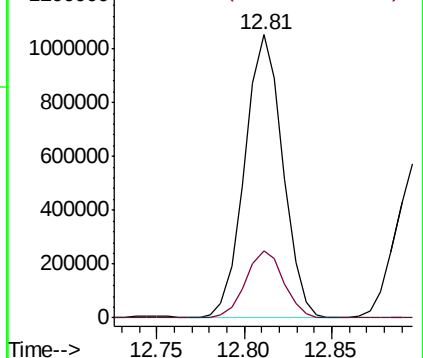
91 100

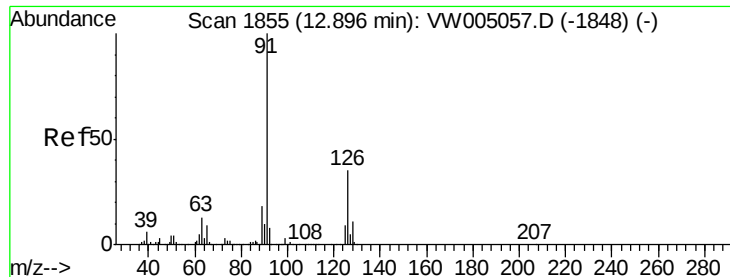
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.662 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

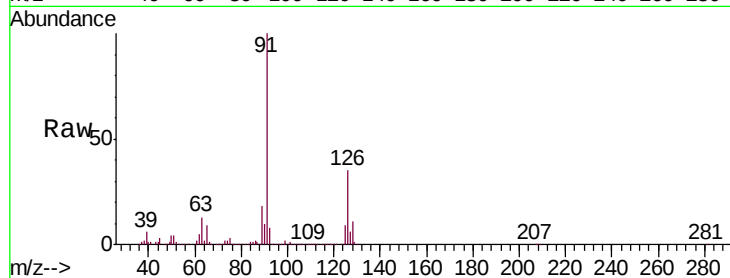
VSTDCCC050

Tgt Ion: 91 Resp: 916908

Ion Ratio Lower Upper

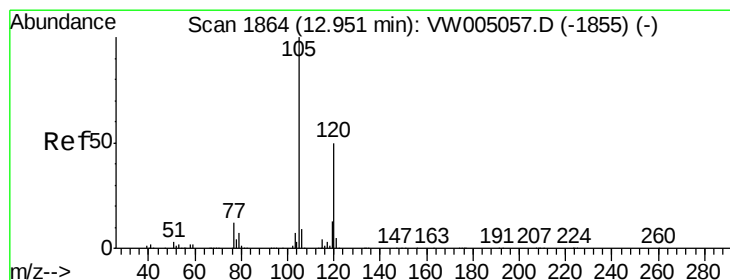
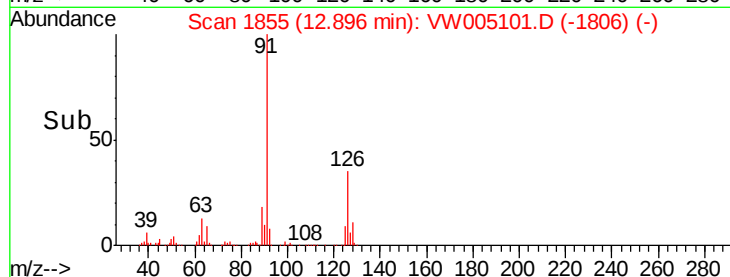
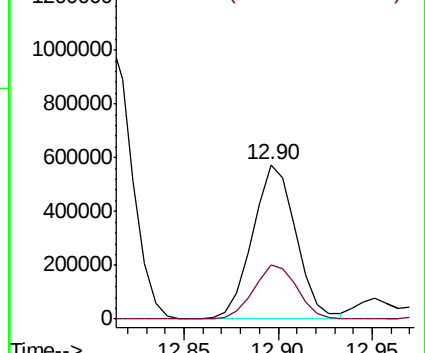
91 100

126 35.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.053 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005101.D

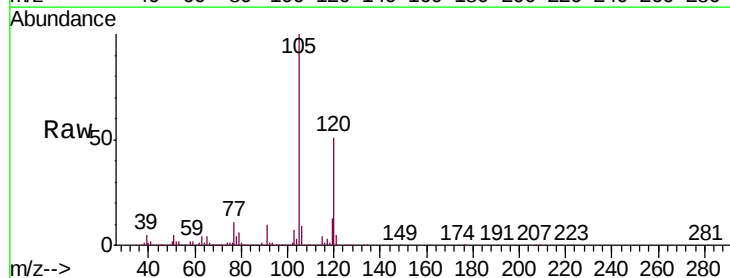
Acq: 05 Sep 2018 01:44

Tgt Ion: 105 Resp: 1158022

Ion Ratio Lower Upper

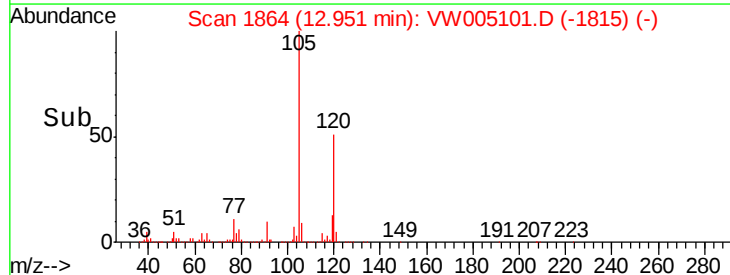
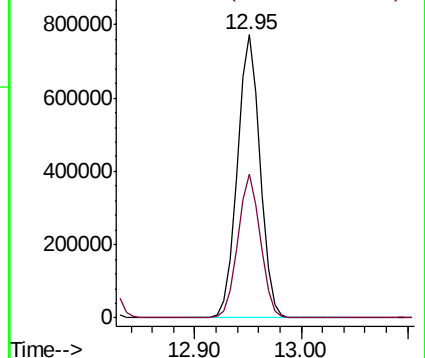
105 100

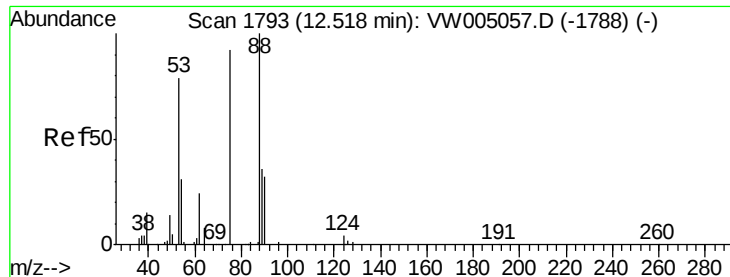
120 50.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.574 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

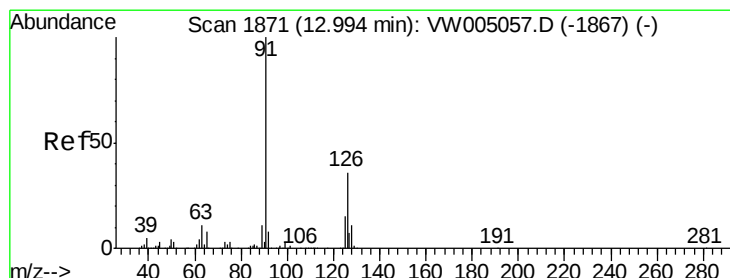
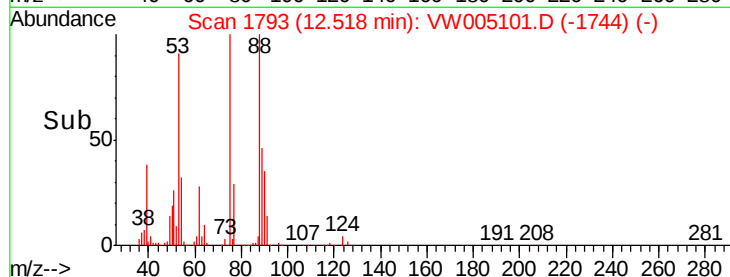
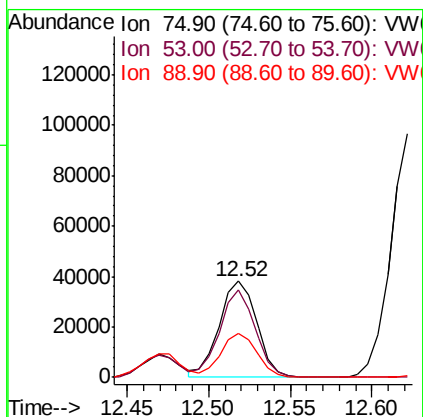
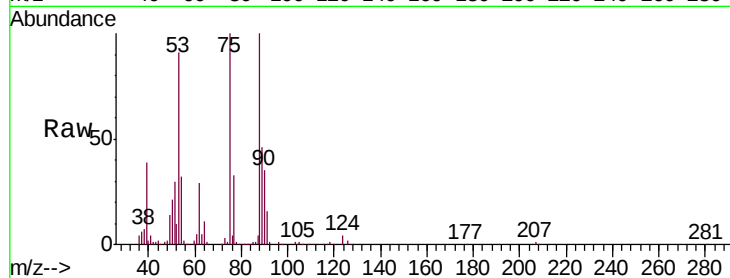
Tgt Ion: 75 Resp: 61026

Ion Ratio Lower Upper

75 100

53 87.6 69.8 104.8

89 44.2 36.0 54.0



#82

4-Chlorotoluene

Concen: 48.971 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW005101.D

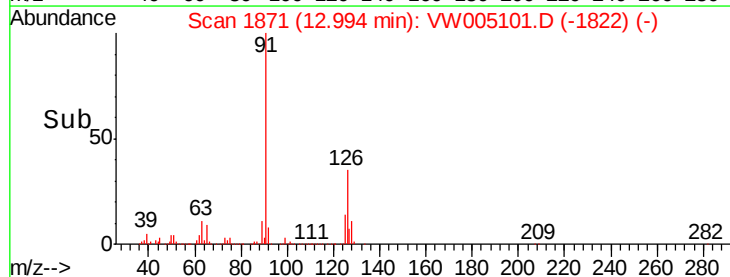
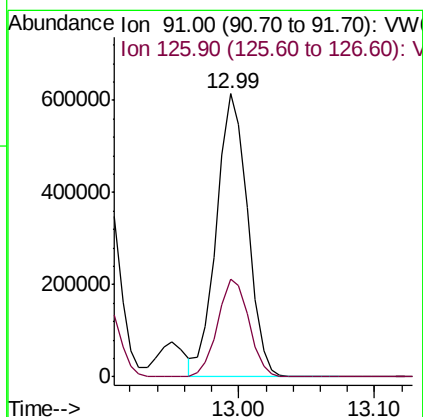
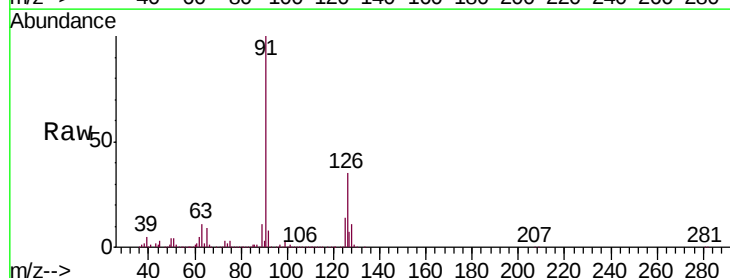
Acq: 05 Sep 2018 01:44

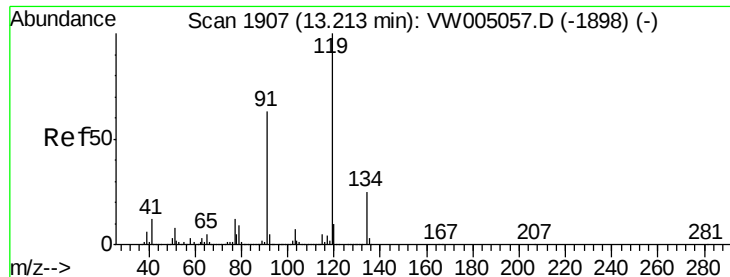
Tgt Ion: 91 Resp: 974354

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.3

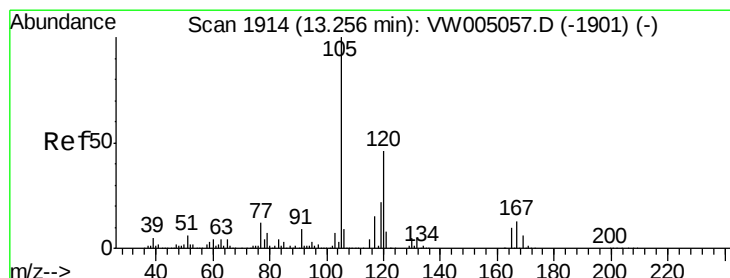
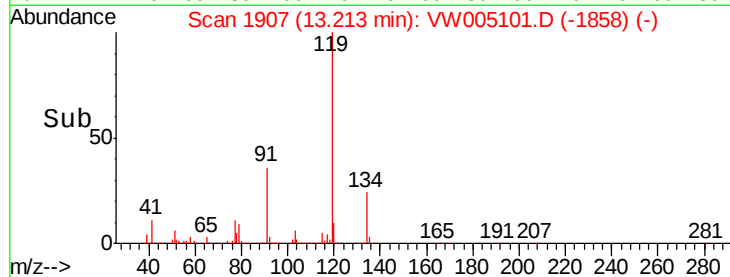
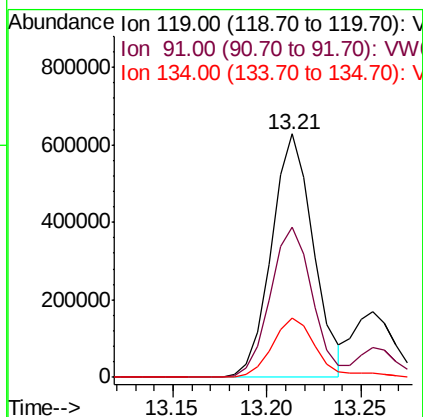
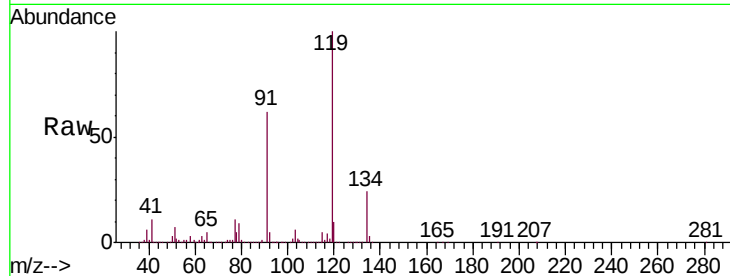




#83
tert-Butylbenzene
Concen: 50.104 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

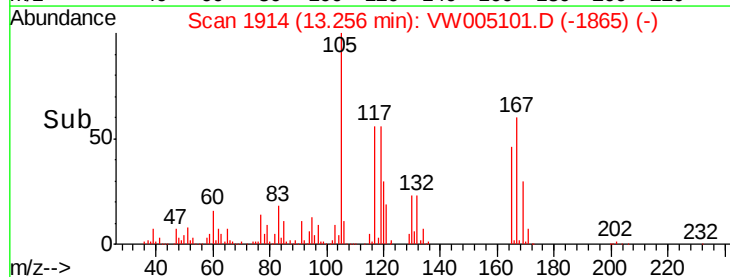
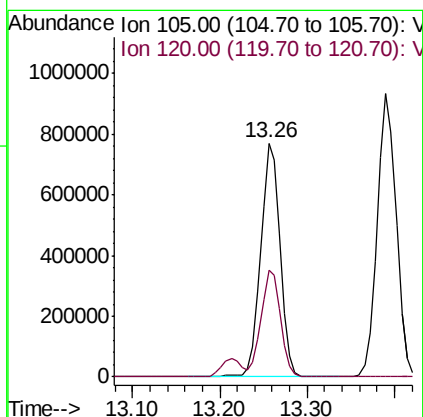
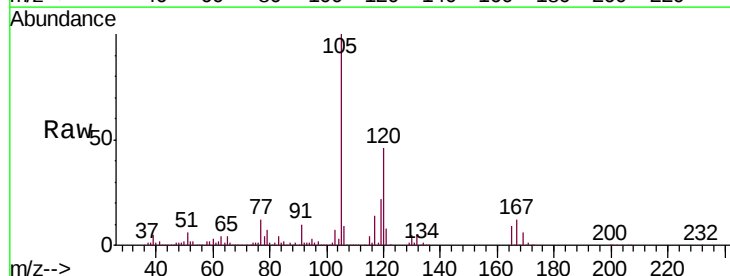
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

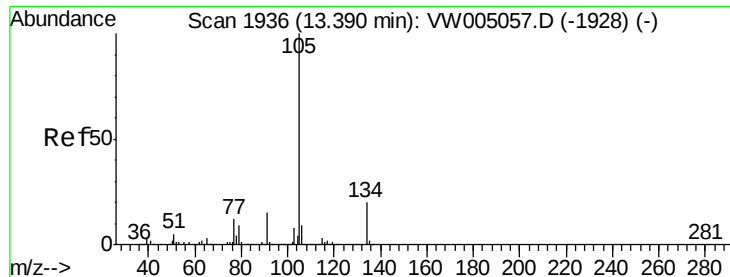
Tgt Ion:119 Resp: 968044
Ion Ratio Lower Upper
119 100
91 61.7 31.8 95.4
134 26.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 50.506 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion:105 Resp: 1190032
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.3

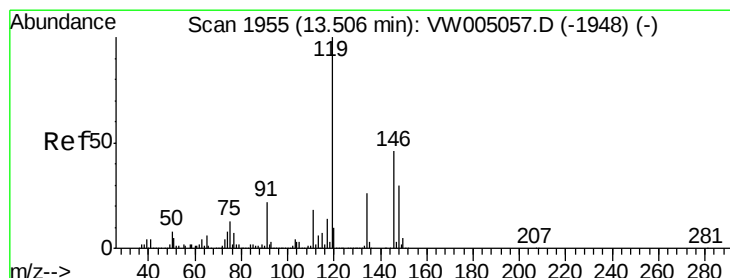
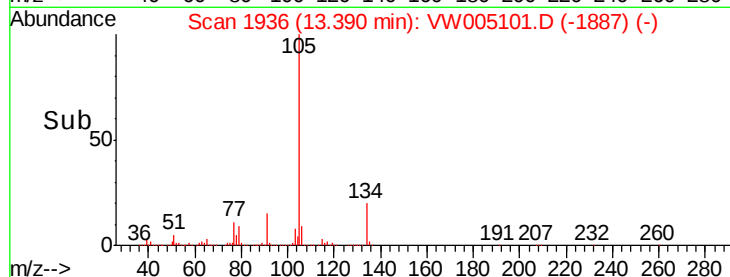
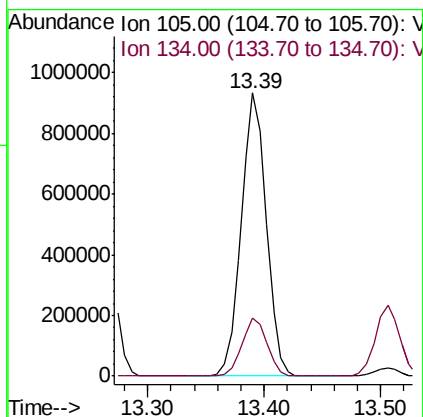
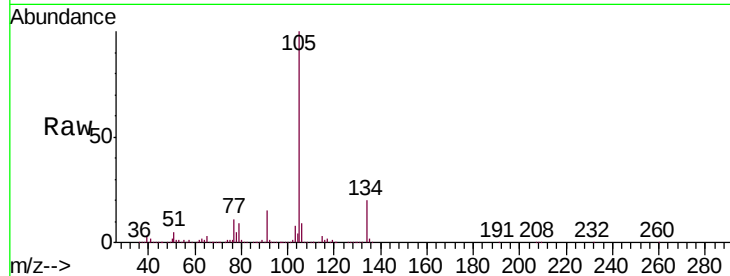




#85
 sec-Butylbenzene
 Concen: 49.234 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1397932
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.768 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion:119 Resp: 1276016
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 21.9 10.9 32.9

