

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005154.D
 Acq On : 06 Sep 2018 10:47
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 06 13:53:26 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	7.95	168	548207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	777562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	751193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	399479	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	233226	51.32	ug/l	0.00
Spiked Amount						
			Recovery	=	102.64%	
35) Dibromofluoromethane	7.89	113	235576	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	
50) Toluene-d8	10.33	98	1170576	56.54	ug/l	0.00
Spiked Amount						
			Recovery	=	113.08%	
62) 4-Bromofluorobenzene	12.62	95	416157	57.00	ug/l	0.00
Spiked Amount						
			Recovery	=	114.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	218733	49.513	ug/l	99
3) Chloromethane	2.21	50	339386	52.941	ug/l	98
4) Vinyl Chloride	2.36	62	336780	54.023	ug/l	99
5) Bromomethane	2.77	94	199234	52.962	ug/l	97
6) Chloroethane	2.92	64	199132	51.319	ug/l	100
7) Trichlorofluoromethane	3.26	101	370834	52.881	ug/l	99
8) Diethyl Ether	3.69	74	127489	50.246	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	258386	53.642	ug/l	98
10) Methyl Iodide	4.28	142	287303	40.682	ug/l	99
11) Tert butyl alcohol	5.20	59	82028	324.315	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	234284	52.851	ug/l	98
13) Acrolein	3.90	56	75133	254.718	ug/l	96
14) Allyl chloride	4.68	41	379408	54.753	ug/l	98
15) Acrylonitrile	5.38	53	289195	270.220	ug/l	100
16) Acetone	4.14	43	260408	285.733	ug/l	96
17) Carbon Disulfide	4.38	76	819692	53.067	ug/l	100
18) Methyl Acetate	4.68	43	132490	49.418	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	573987	53.324	ug/l	100
20) Methylene Chloride	4.92	84	331993	54.256	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	270222	50.033	ug/l	98
22) Diisopropyl ether	6.32	45	802088	55.008	ug/l	99
23) Vinyl Acetate	6.26	43	2181868	284.874	ug/l	99
24) 1,1-Dichloroethane	6.22	63	467185	51.259	ug/l	99
25) 2-Butanone	7.18	43	429693	271.828	ug/l	98
26) 2,2-Dichloropropane	7.17	77	424290	56.649	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	292652	49.534	ug/l	95
28) Bromochloromethane	7.52	49	184364	50.257	ug/l	95
29) Tetrahydrofuran	7.54	42	219026	271.172	ug/l	97
30) Chloroform	7.68	83	459768	49.425	ug/l	98
31) Cyclohexane	7.96	56	488588	54.742	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	419209	51.743	ug/l	99
36) 1,1-Dichloropropene	8.09	75	404531	54.626	ug/l	99
37) Ethyl Acetate	7.26	43	152686	55.132	ug/l	99
38) Carbon Tetrachloride	8.07	117	369610	52.491	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	530121	59.193	ug/l	100
40) Benzene	8.33	78	1199092	52.892	ug/l	99
41) Methacrylonitrile	7.49	41	93971	58.562	ug/l	97
42) 1,2-Dichloroethane	8.41	62	275099	49.582	ug/l	99
43) Isopropyl Acetate	8.43	43	284237	56.401	ug/l	99
44) Trichloroethene	9.10	130	312031	51.012	ug/l	98
45) 1,2-Dichloropropane	9.37	63	292060	52.734	ug/l	98
46) Dibromomethane	9.46	93	132990	50.217	ug/l	97
47) Bromodichloromethane	9.65	83	339612	50.930	ug/l	96
48) Methyl methacrylate	9.44	41	142142	58.575	ug/l	94
49) 1,4-Dioxane	9.47	88	50273	1173.870	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	997348	295.291	ug/l	100
52) Toluene	10.39	92	829155	53.978	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	362057	55.257	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	438630	55.045	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	206569	50.379	ug/l	97
56) Ethyl methacrylate	10.65	69	275170	58.823	ug/l	98
57) 1,3-Dichloropropane	10.94	76	356594	52.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	665508	300.236	ug/l	98
59) 2-Hexanone	10.98	43	727266	318.359	ug/l	99
60) Dibromochloromethane	11.13	129	234798	50.652	ug/l	99
61) 1,2-Dibromoethane	11.24	107	188296	50.865	ug/l	100
64) Tetrachloroethene	10.87	164	296646	50.331	ug/l	97
65) Chlorobenzene	11.66	112	893967	52.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	267327	51.729	ug/l	100
67) Ethyl Benzene	11.74	91	1612012	56.386	ug/l	100
68) m/p-Xylenes	11.85	106	1285166	112.272	ug/l	99
69) o-Xylene	12.17	106	594388	56.163	ug/l	100
70) Styrene	12.19	104	985127	56.350	ug/l	100
71) Bromoform	12.35	173	140833	51.418	ug/l #	99
73) Isopropylbenzene	12.47	105	1633189	57.981	ug/l	100
74) N-amyl acetate	12.28	43	304729	62.830	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	235242	54.860	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	320320	106.824	ug/l #	100
77) Bromobenzene	12.76	156	368953	53.160	ug/l	96
78) n-propylbenzene	12.81	91	1998558	58.775	ug/l	100
79) 2-Chlorotoluene	12.90	91	1112786	56.093	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1391112	57.109	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	75652	60.724	ug/l	99
82) 4-Chlorotoluene	12.99	91	1152293	55.006	ug/l	99
83) tert-Butylbenzene	13.21	119	1182896	58.150	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1398584	56.377	ug/l	99
85) sec-Butylbenzene	13.39	105	1761430	58.921	ug/l	100
86) p-Isopropyltoluene	13.51	119	1560386	58.965	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	758556	53.207	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	743675	52.585	ug/l	99
89) n-Butylbenzene	13.83	91	1488239	60.682	ug/l	99
90) Hexachloroethane	14.10	117	242855	55.249	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	666079	53.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	37750	56.336	ug/l	96

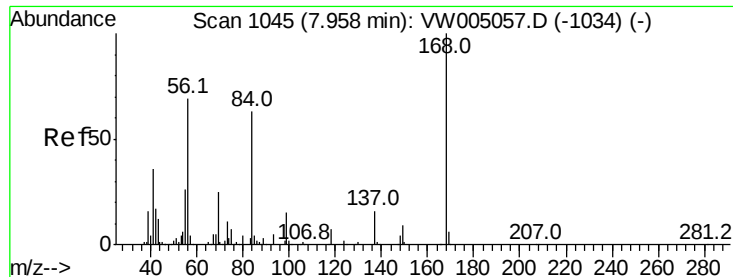
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	465826	55.908	ug/l	100
94) Hexachlorobutadiene	15.25	225	296217	57.162	ug/l	99
95) Naphthalene	15.38	128	762259	52.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	398391	55.871	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

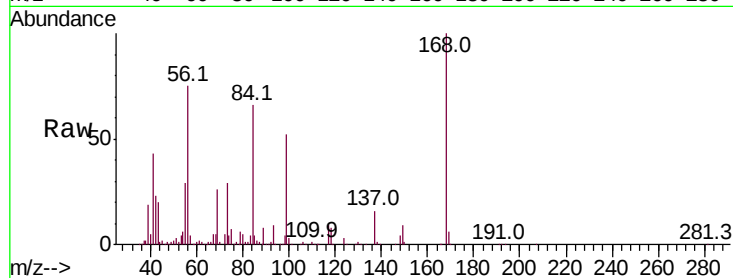
VSTDCCC050

Tot Ion:168 Resp: 548207

Ion Ratio Lower Upper

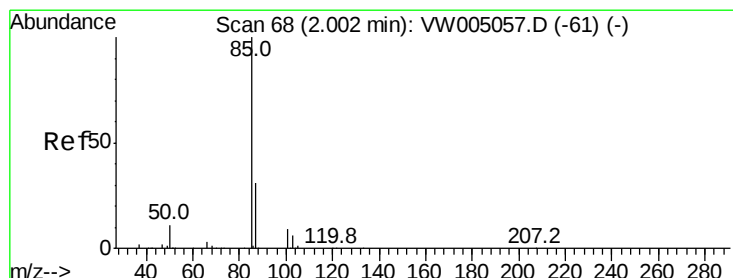
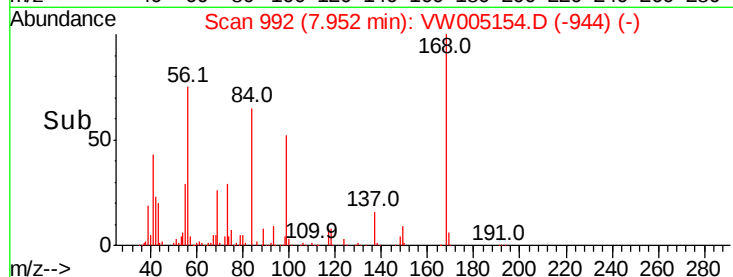
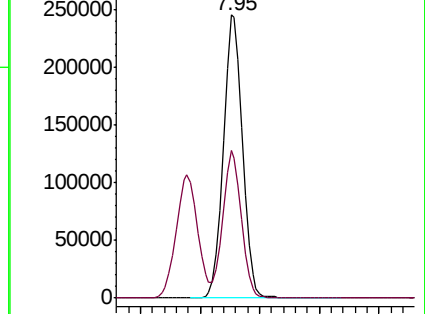
168 100

99 52.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.513 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005154.D

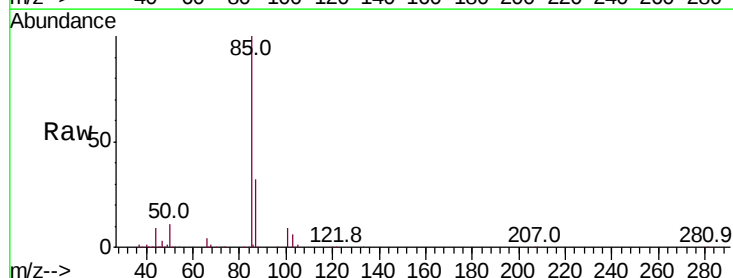
Acq: 06 Sep 2018 10:47

Tgt Ion: 85 Resp: 218733

Ion Ratio Lower Upper

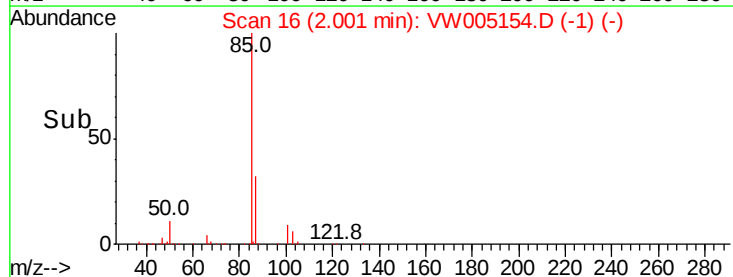
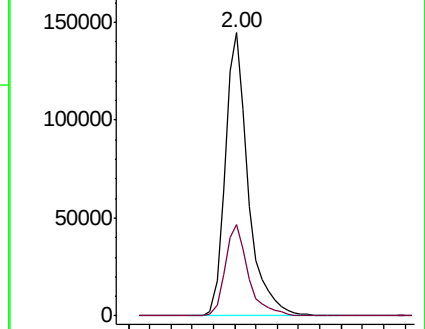
85 100

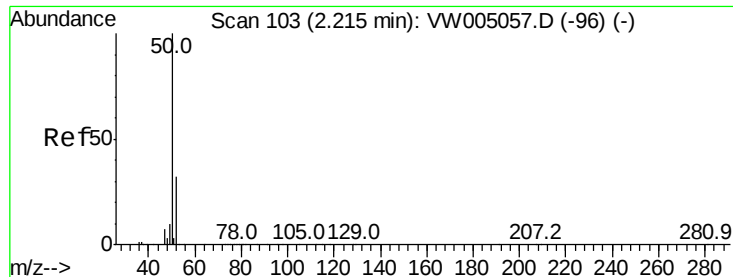
87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 52.941 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

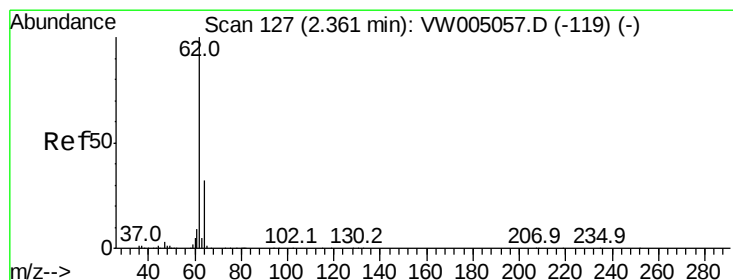
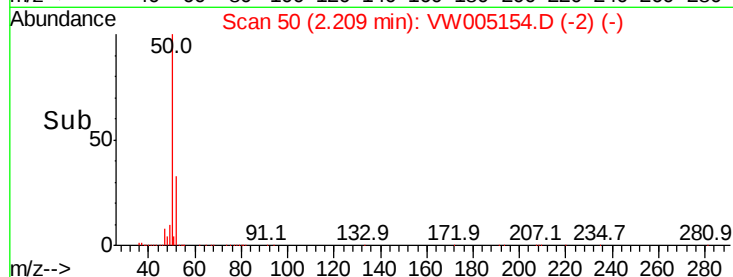
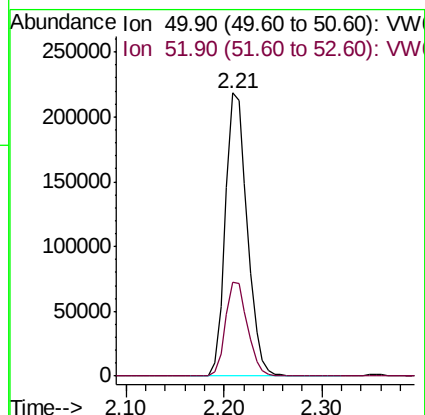
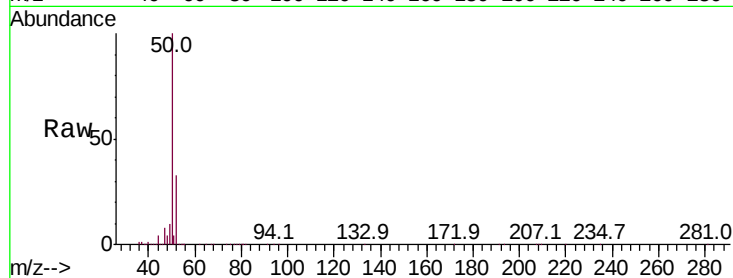
VSTDCCC050

Tot Ion: 50 Resp: 339386

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.6



#4

Vinyl Chloride

Concen: 54.023 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005154.D

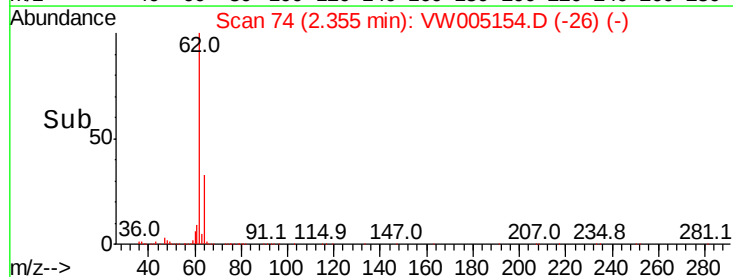
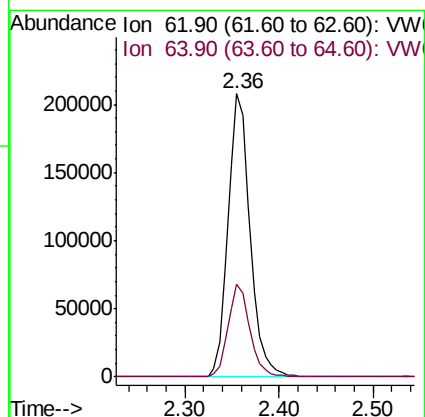
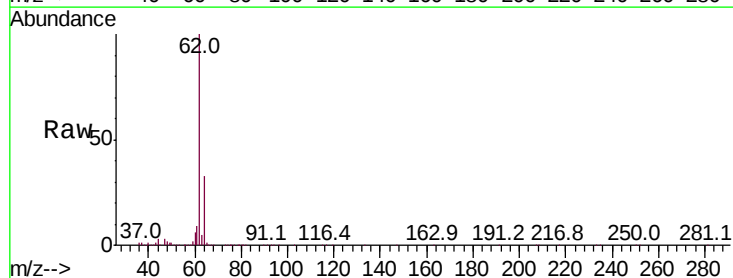
Acq: 06 Sep 2018 10:47

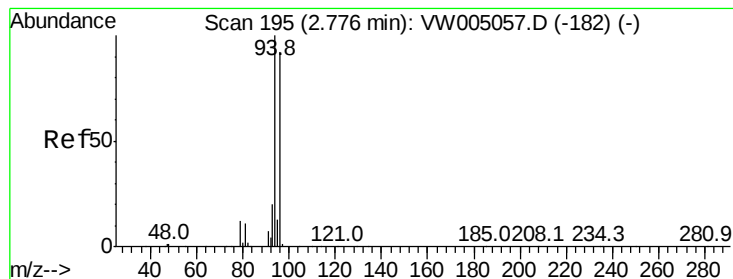
Tgt Ion: 62 Resp: 336780

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4





#5

Bromomethane

Concen: 52.962 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

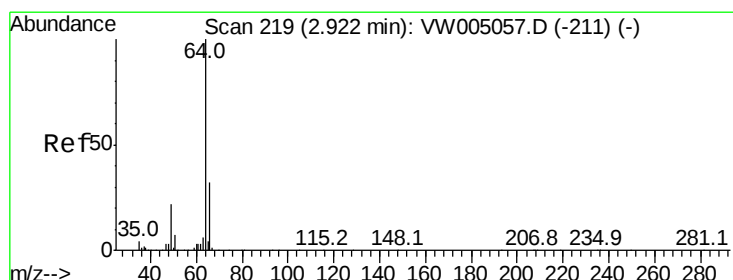
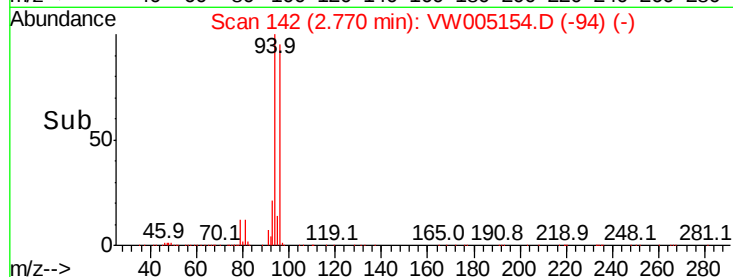
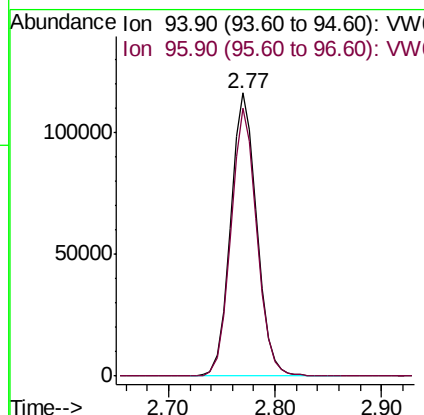
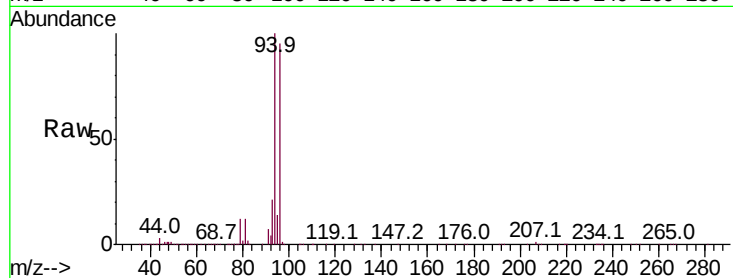
VSTDCCC050

Tot Ion: 94 Resp: 199234

Ion Ratio Lower Upper

94 100

96 94.5 73.2 109.8



#6

Chloroethane

Concen: 51.319 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005154.D

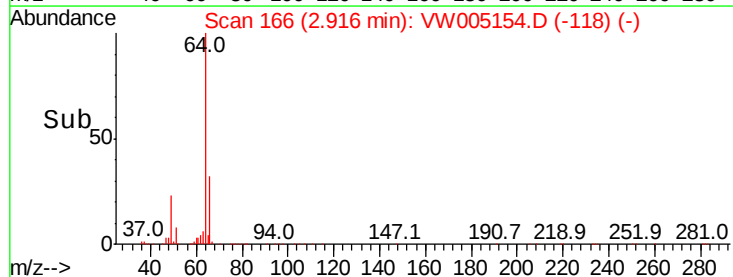
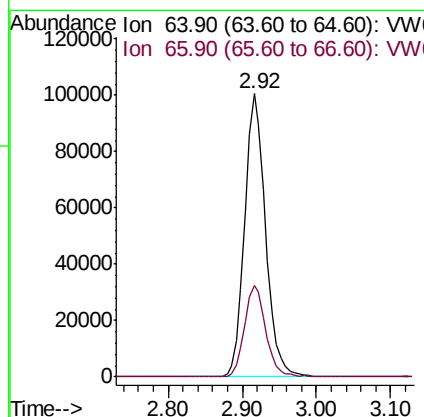
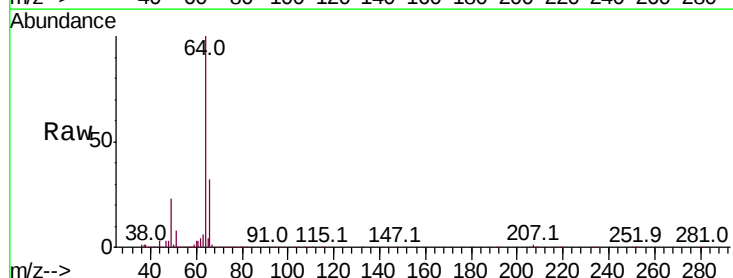
Acq: 06 Sep 2018 10:47

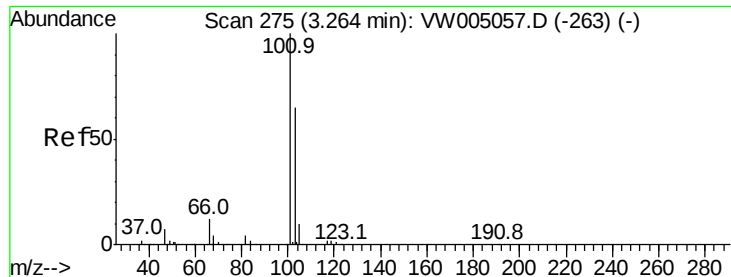
Tgt Ion: 64 Resp: 199132

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



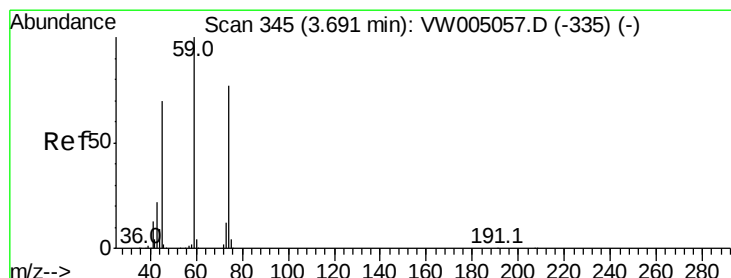
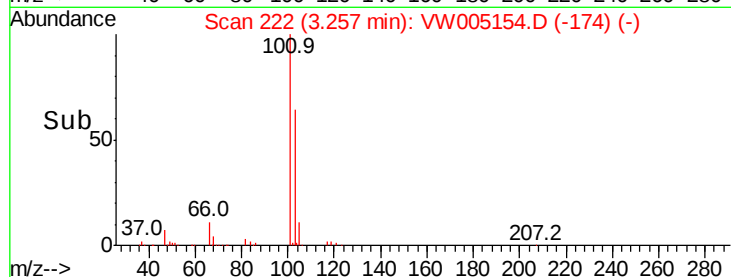
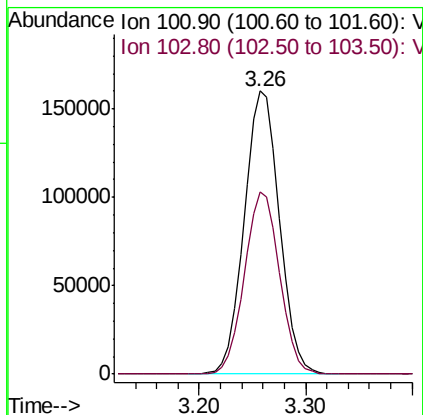
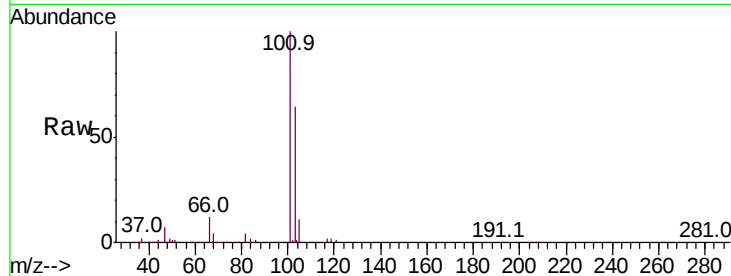


#7

Trichlorofluoromethane
 Concen: 52.881 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

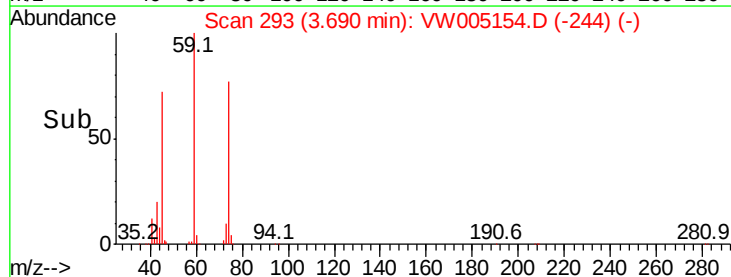
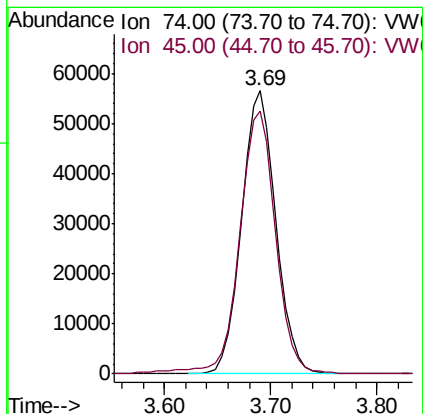
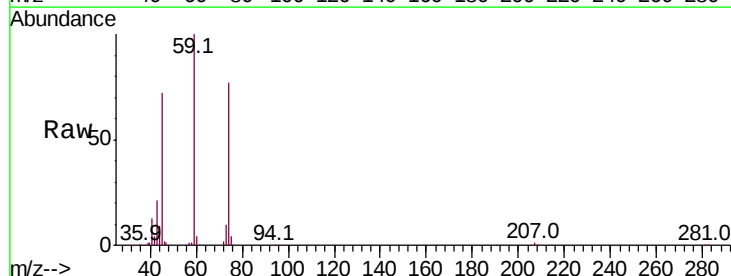
Tot Ion:101 Resp: 370834
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9

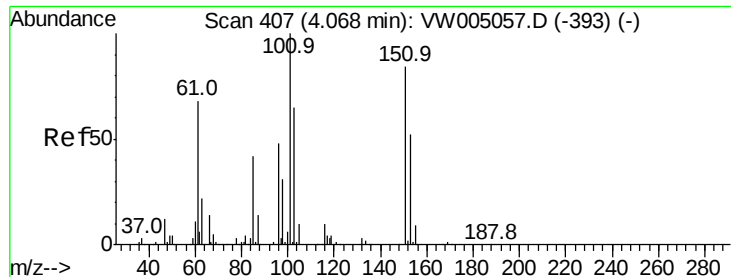


#8

Diethyl Ether
 Concen: 50.246 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion: 74 Resp: 127489
 Ion Ratio Lower Upper
 74 100
 45 97.6 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.642 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

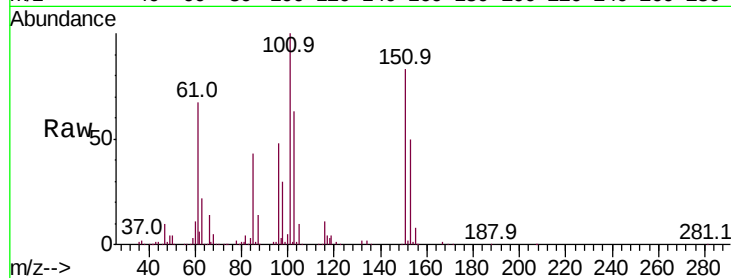
Tot Ion:101 Resp: 258386

Ion Ratio Lower Upper

101 100

85 41.6 33.0 49.6

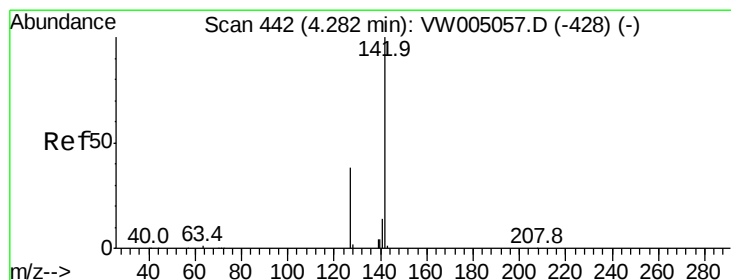
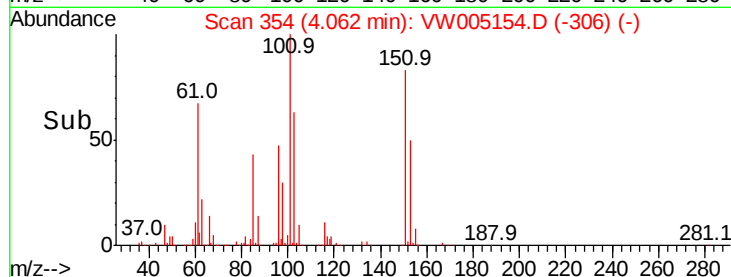
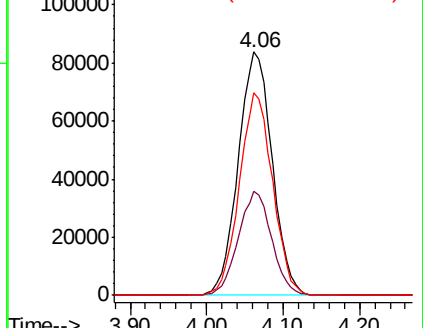
151 81.4 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.682 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

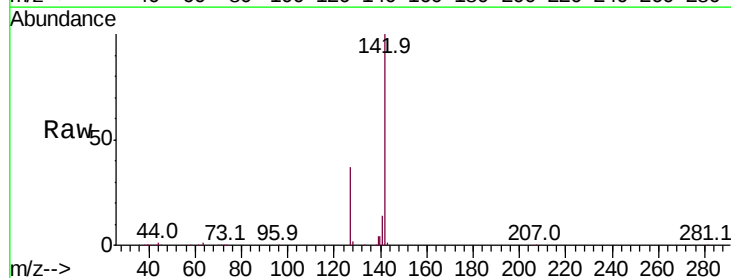
Tgt Ion:142 Resp: 287303

Ion Ratio Lower Upper

142 100

127 37.9 30.8 46.2

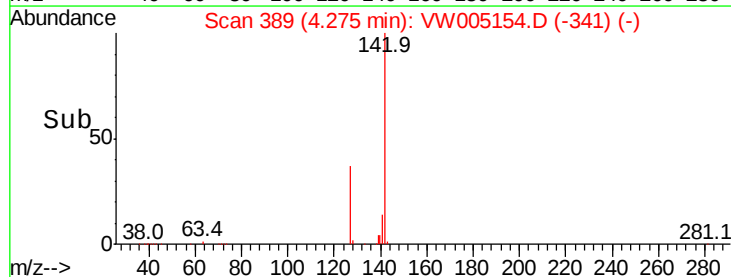
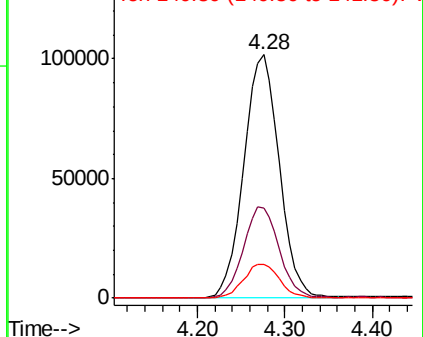
141 14.3 11.6 17.4

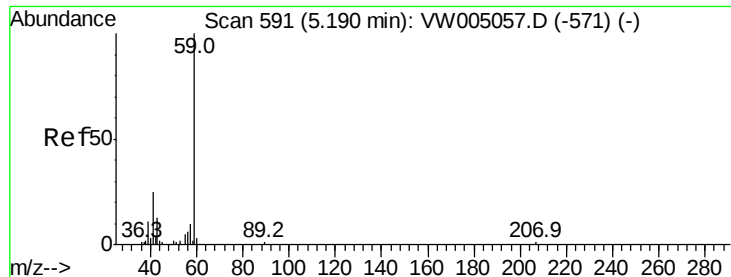


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



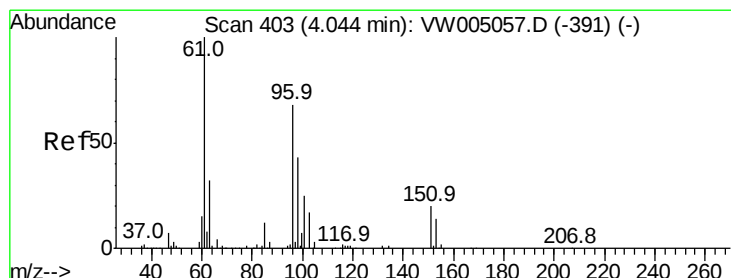
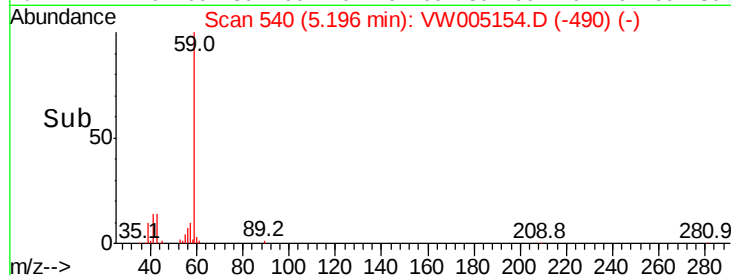
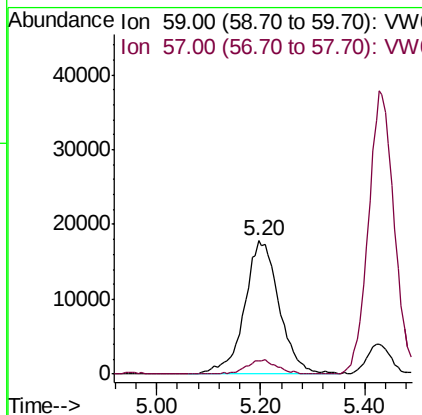
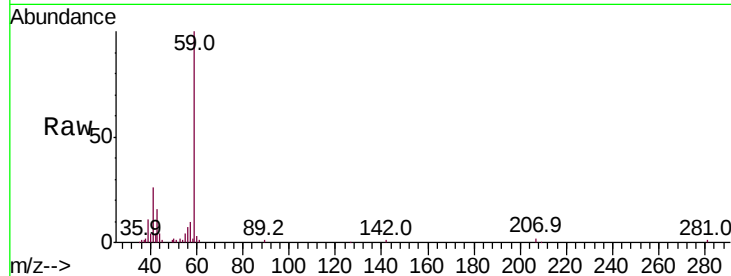


#11

Tert butyl alcohol
 Concen: 324.315 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

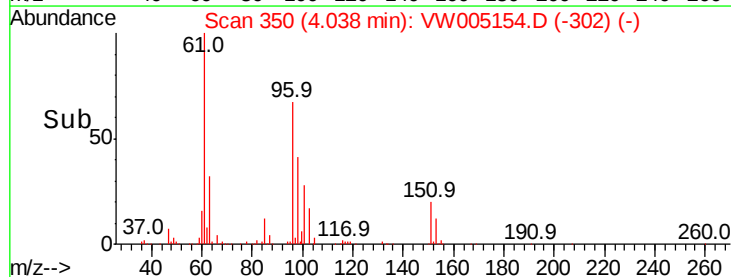
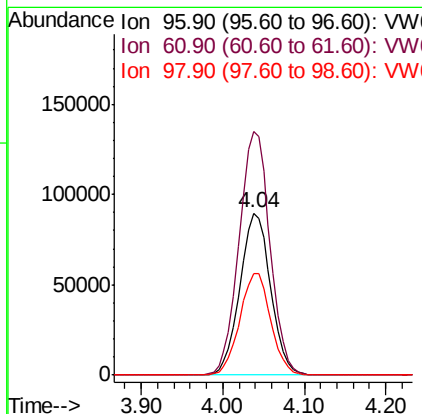
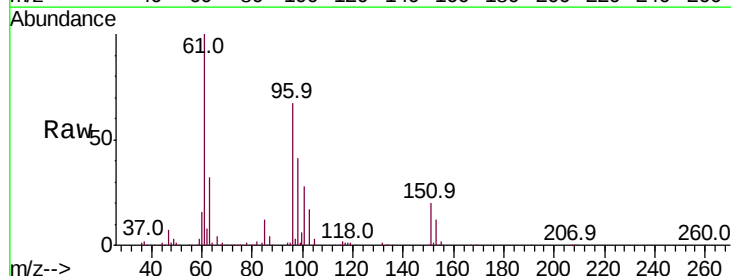
Tot Ion: 59 Resp: 82028
 Ion Ratio Lower Upper
 59 100
 57 8.5 8.6 12.8#

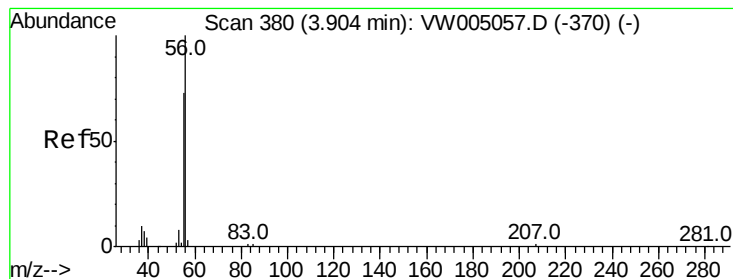


#12

1,1-Dichloroethene
 Concen: 52.851 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion: 96 Resp: 234284
 Ion Ratio Lower Upper
 96 100
 61 150.0 117.4 176.0
 98 62.2 51.0 76.4





#13

Acrolein

Concen: 254.718 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

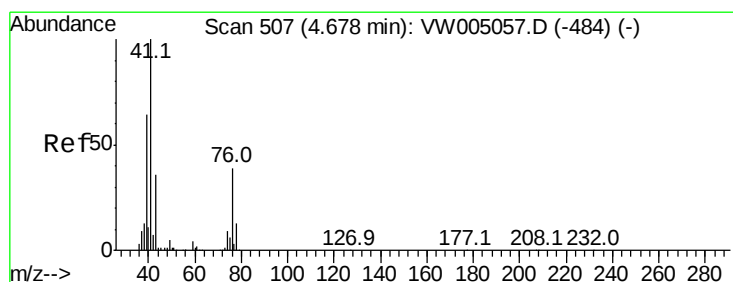
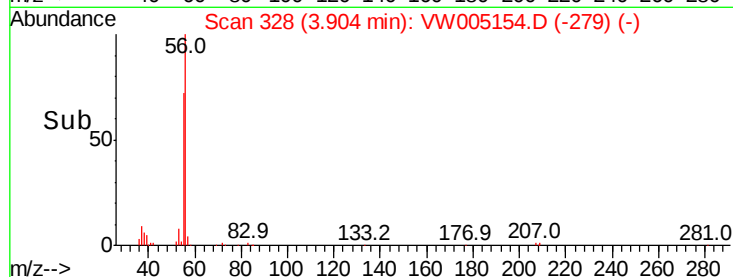
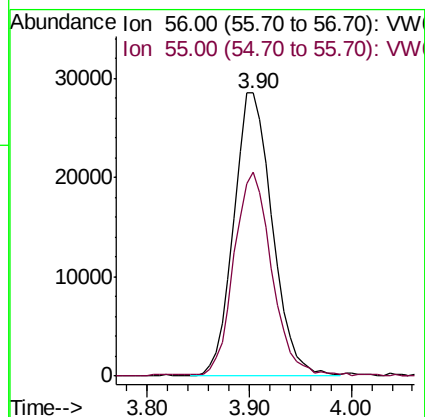
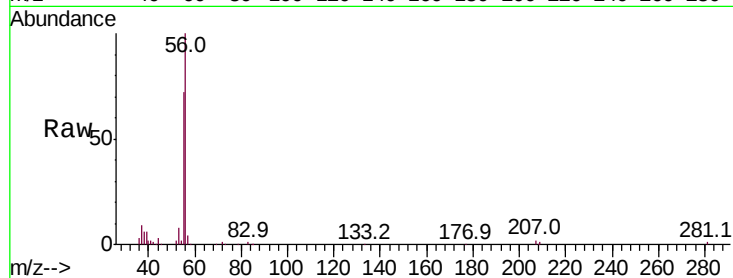
VSTDCCC050

Tot Ion: 56 Resp: 75133

Ion Ratio Lower Upper

56 100

55 69.0 58.1 87.1



#14

Allyl chloride

Concen: 54.753 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

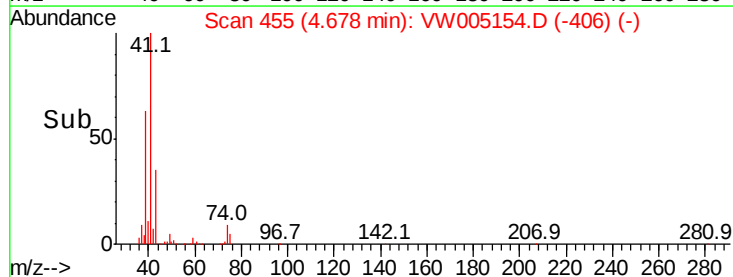
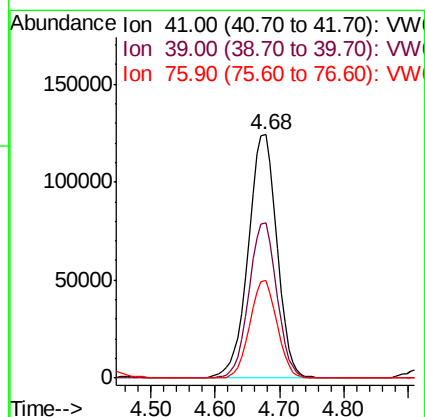
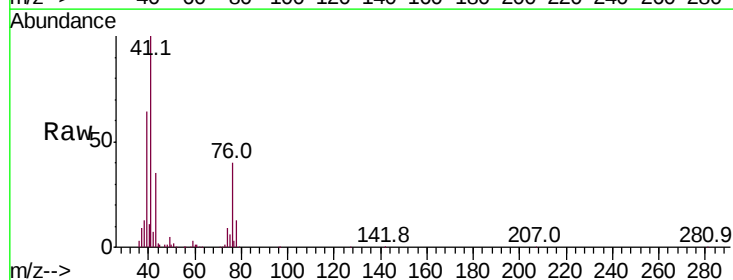
Tgt Ion: 41 Resp: 379408

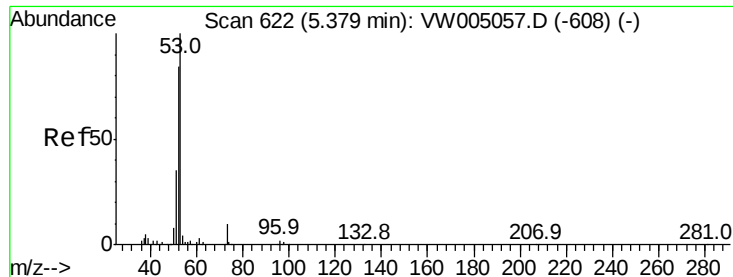
Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

76 37.8 31.8 47.6





#15

Acrylonitrile

Concen: 270.220 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

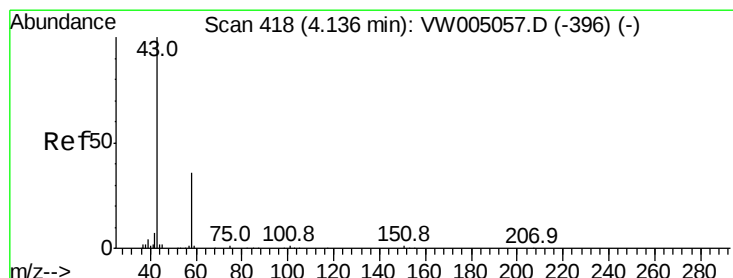
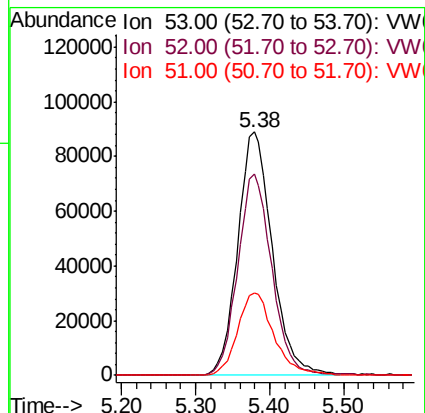
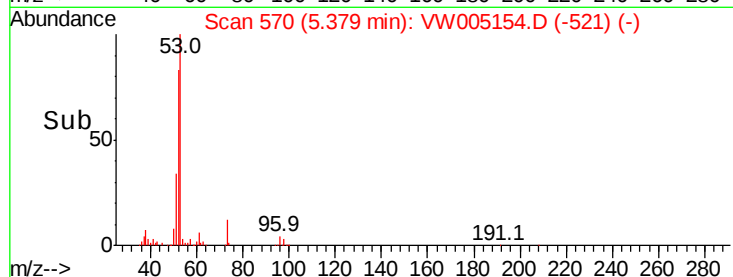
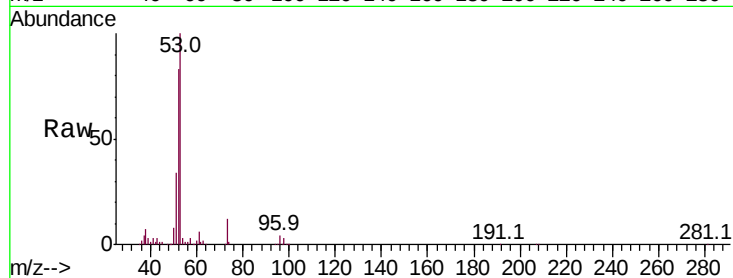
Tot Ion: 53 Resp: 289195

Ion Ratio Lower Upper

53 100

52 81.8 65.7 98.5

51 35.6 28.8 43.2



#16

Acetone

Concen: 285.733 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005154.D

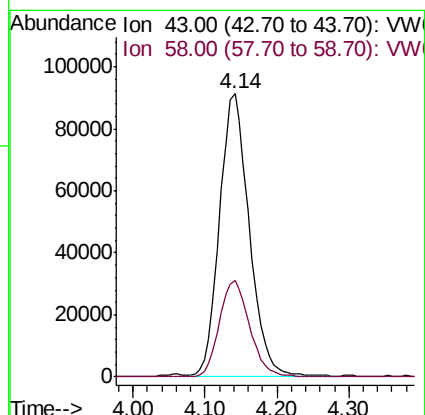
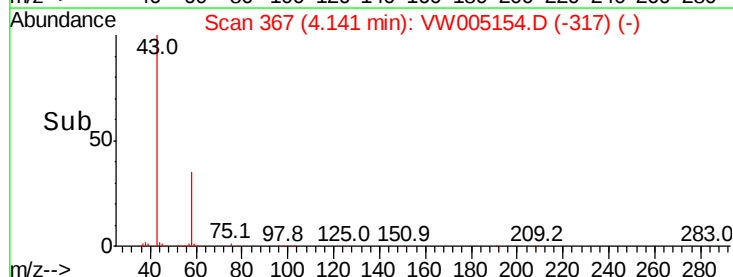
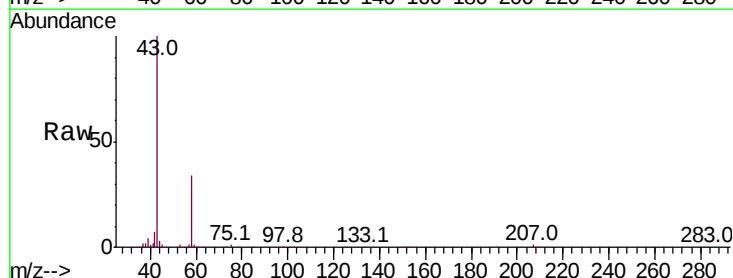
Acq: 06 Sep 2018 10:47

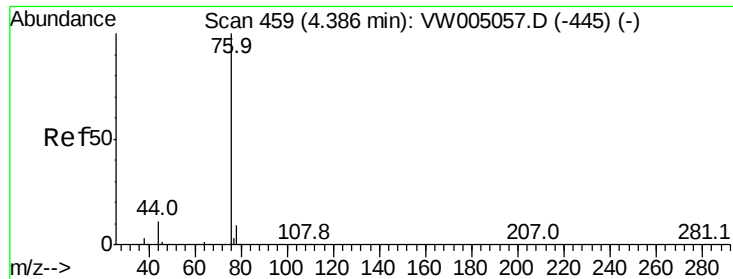
Tgt Ion: 43 Resp: 260408

Ion Ratio Lower Upper

43 100

58 34.2 29.0 43.6

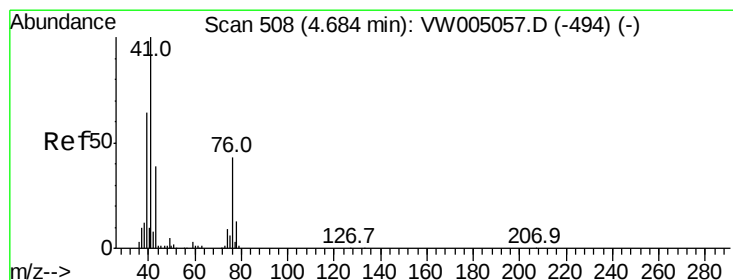
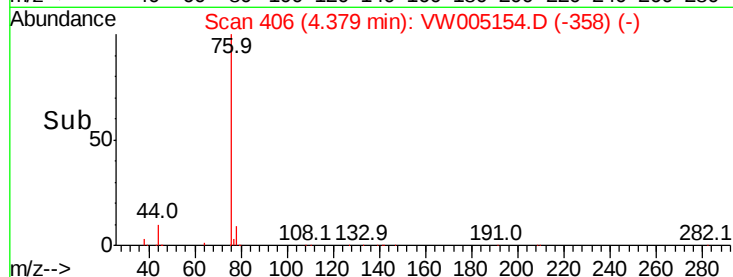
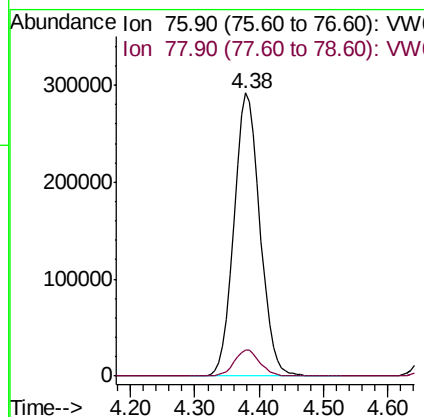
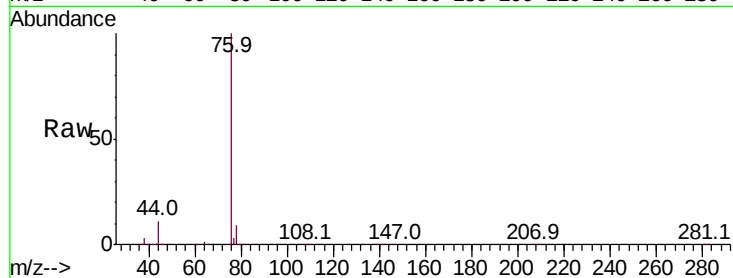




#17
Carbon Disulfide
Concen: 53.067 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

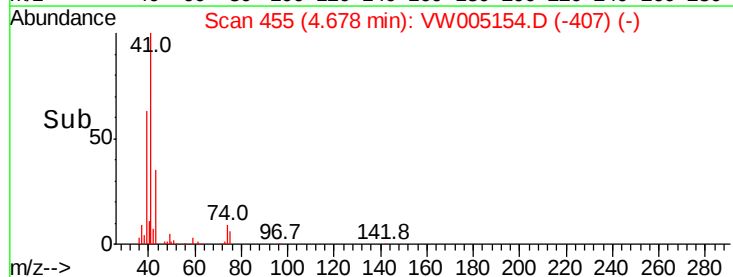
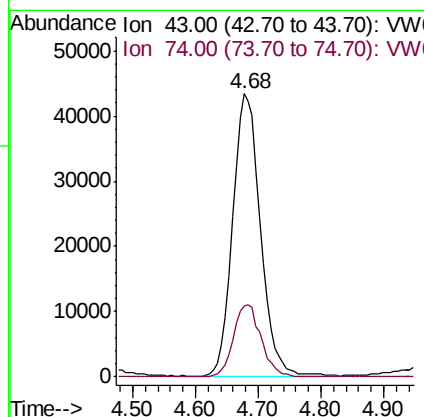
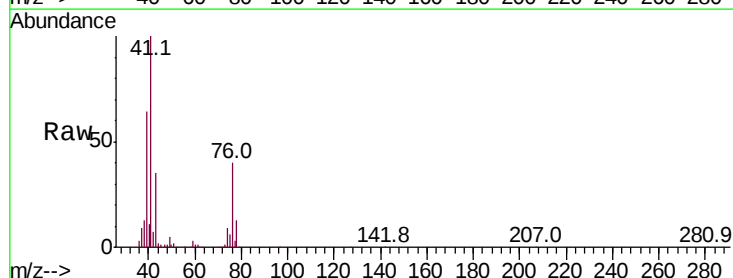
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

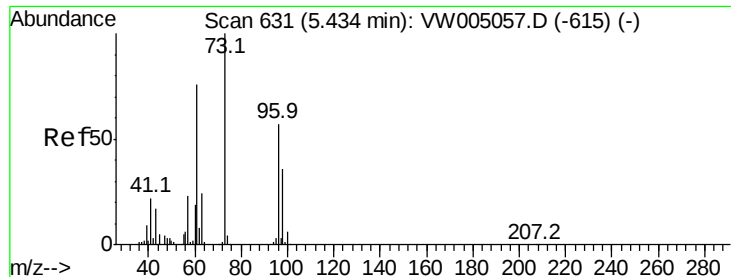
Tot Ion: 76 Resp: 819692
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 49.418 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 43 Resp: 132490
Ion Ratio Lower Upper
43 100
74 25.6 20.7 31.1

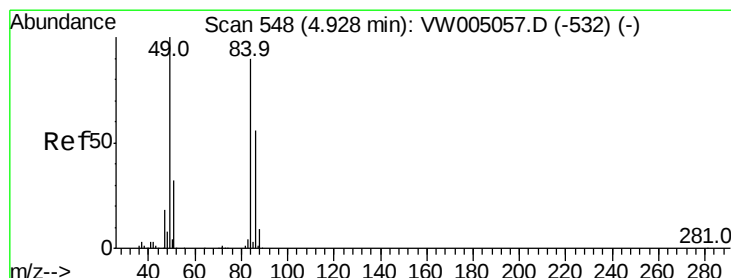
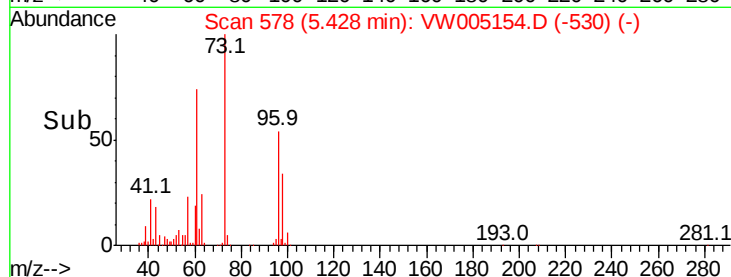
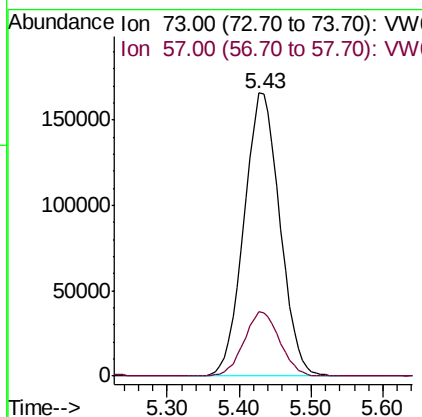
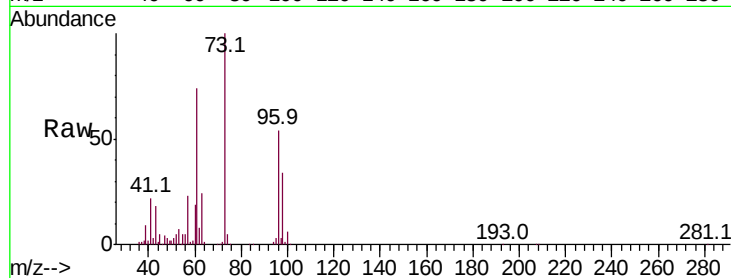




#19
Methvl tert-butvl Ether
Concen: 53.324 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

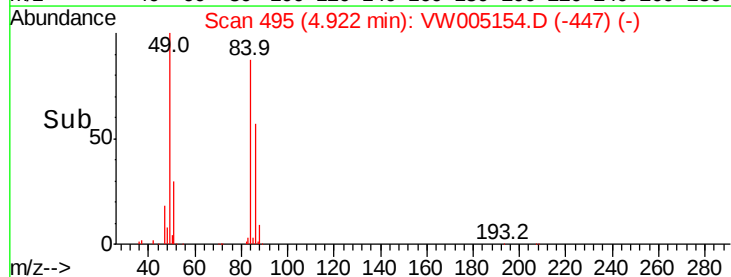
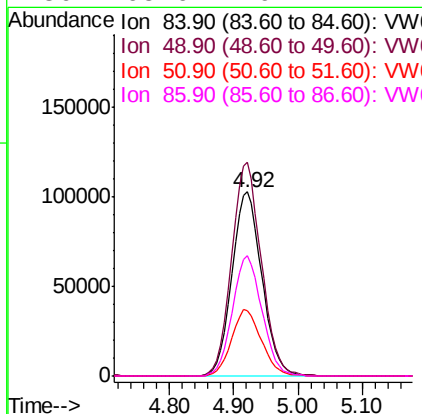
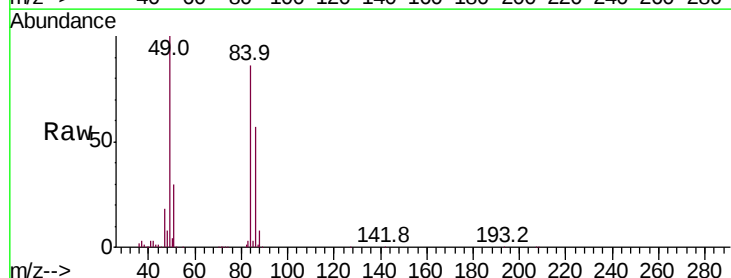
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

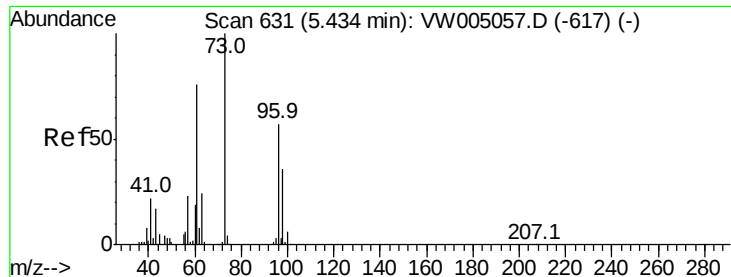
Tot Ion: 73 Resp: 573987
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1



#20
Methylene Chloride
Concen: 54.256 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 84 Resp: 331993
Ion Ratio Lower Upper
84 100
49 115.9 88.7 133.1
51 35.2 28.6 42.8
86 65.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.033 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

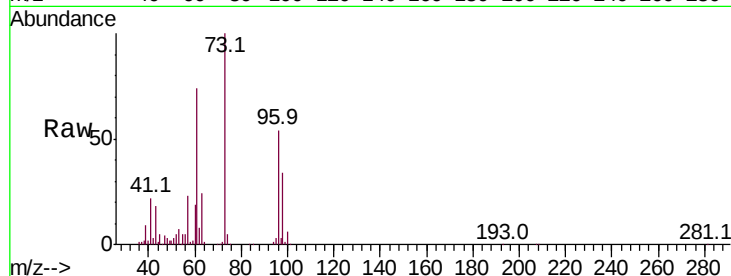
Tot Ion: 96 Resp: 270222

Ion Ratio Lower Upper

96 100

61 136.2 106.3 159.5

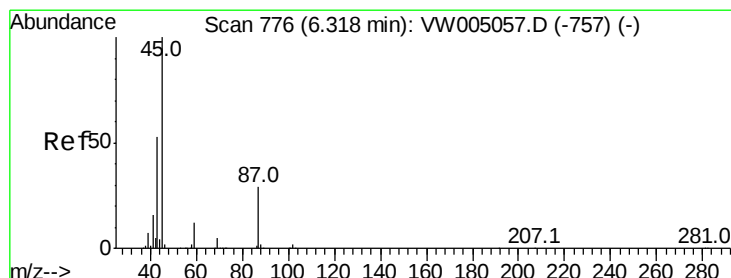
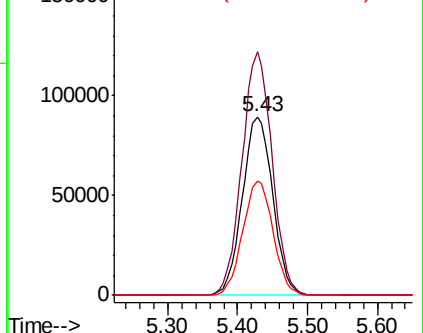
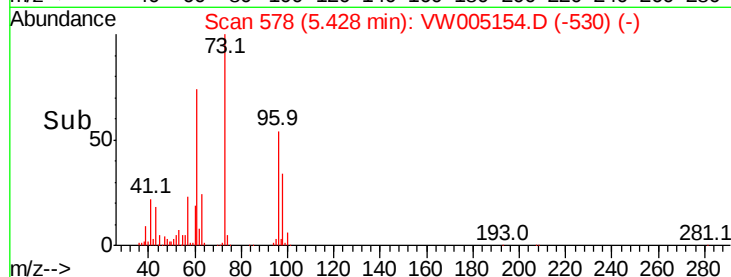
98 63.7 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 55.008 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion: 45 Resp: 802088

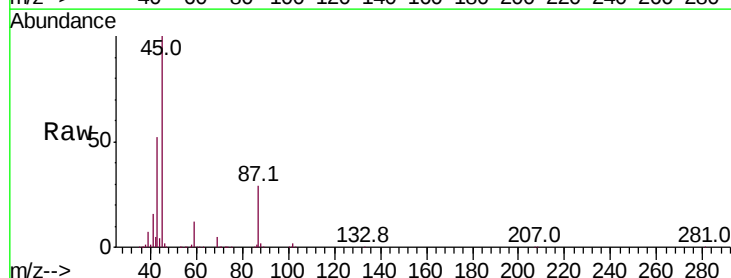
Ion Ratio Lower Upper

45 100

43 51.7 42.6 63.8

87 29.1 23.6 35.4

59 12.1 9.8 14.8

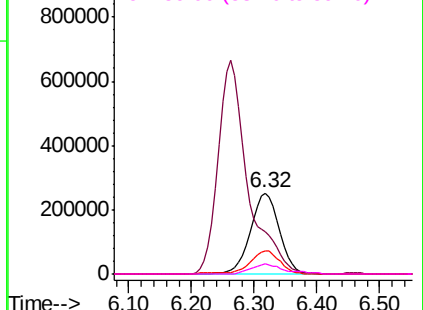
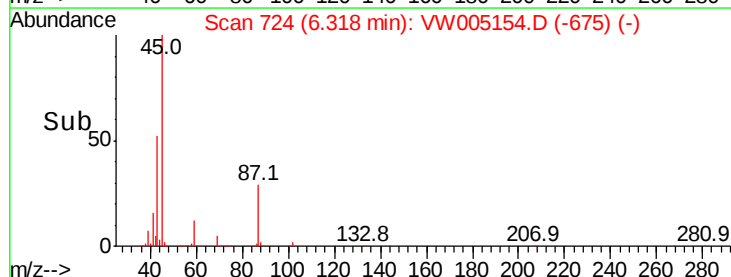


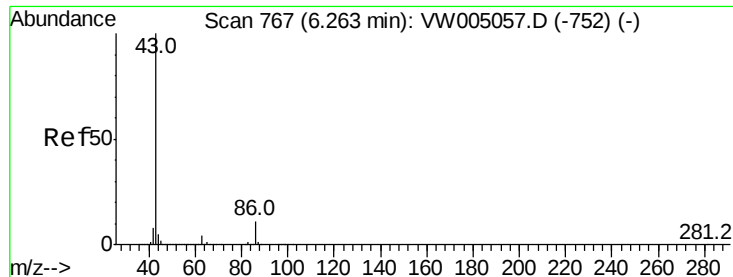
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 284.874 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

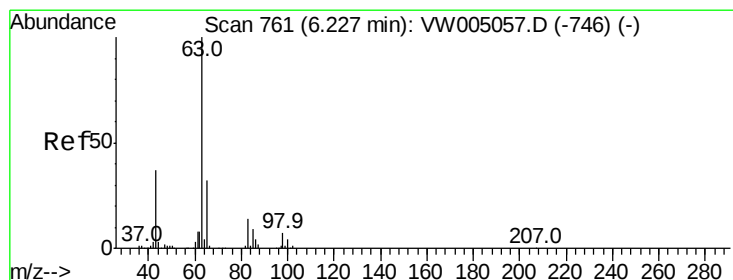
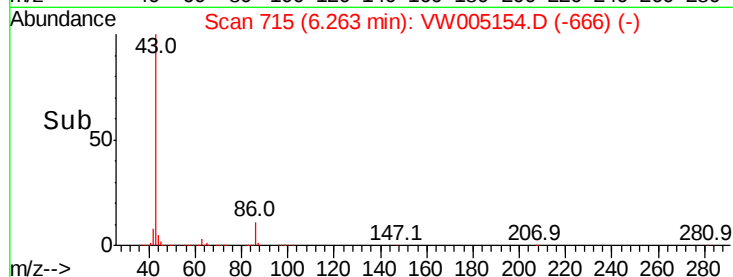
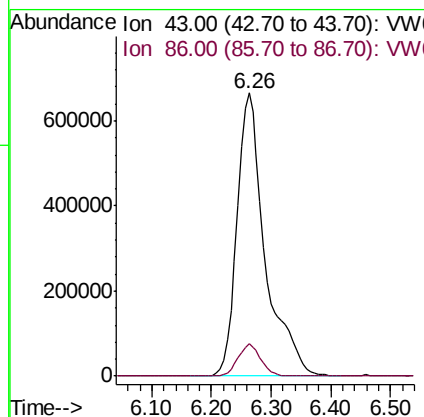
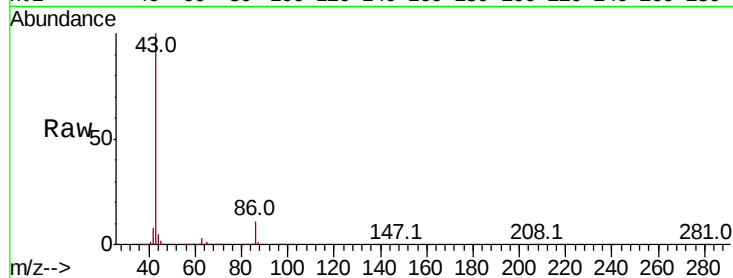
VSTDCCC050

Tot Ion: 43 Resp: 2181868

Ion Ratio Lower Upper

43 100

86 11.5 9.0 13.4



#24

1,1-Dichloroethane

Concen: 51.259 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

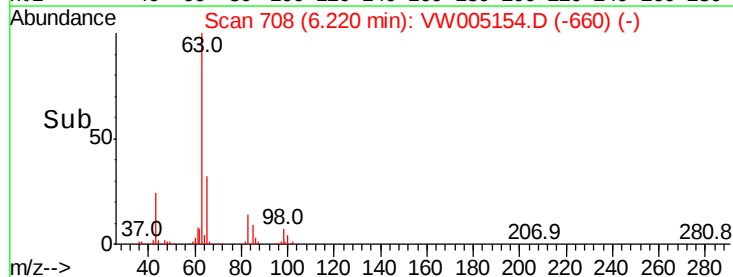
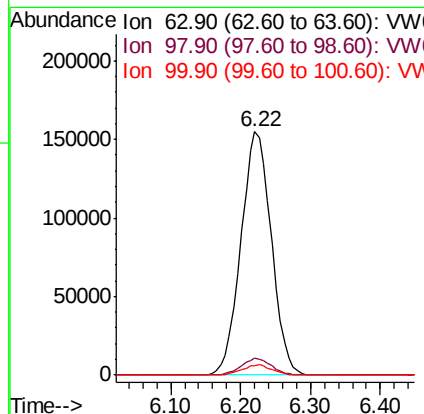
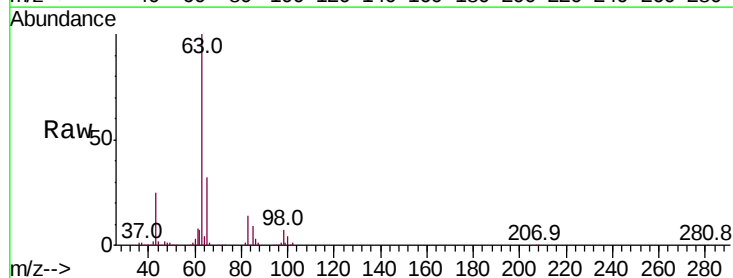
Tgt Ion: 63 Resp: 467185

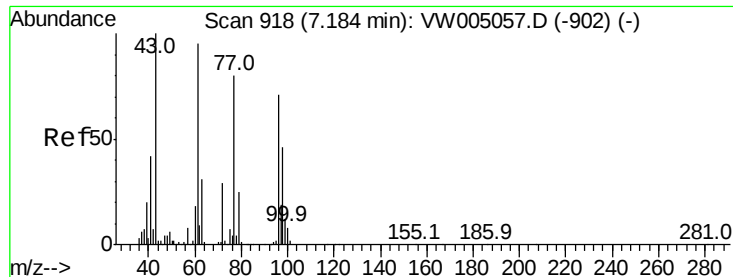
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.1 2.2 6.6





#25

2-Butanone

Concen: 271.828 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

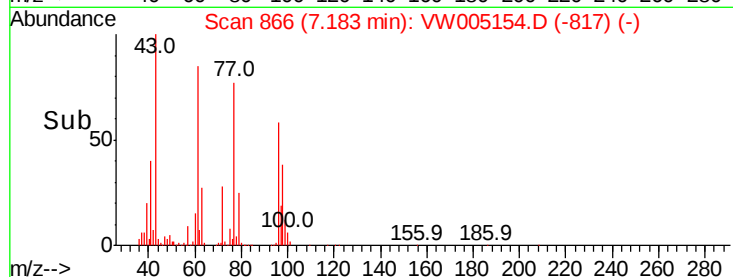
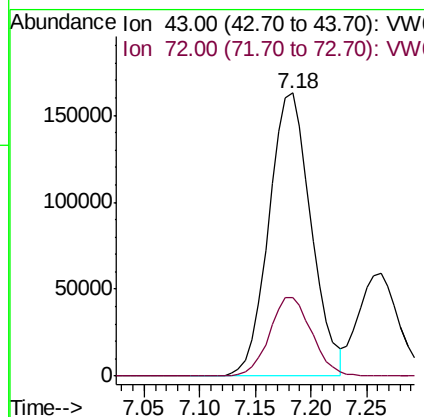
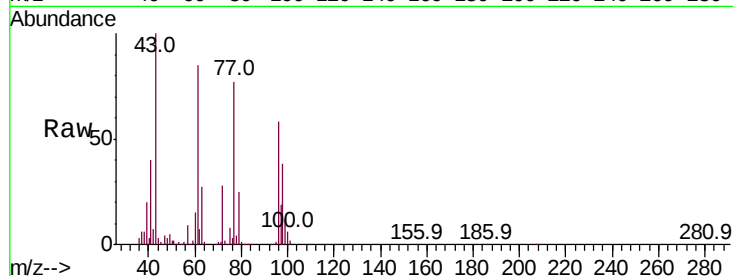
VSTDCCC050

Tot Ion: 43 Resp: 429693

Ion Ratio Lower Upper

43 100

72 27.6 23.1 34.7



#26

2,2-Dichloropropane

Concen: 56.649 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005154.D

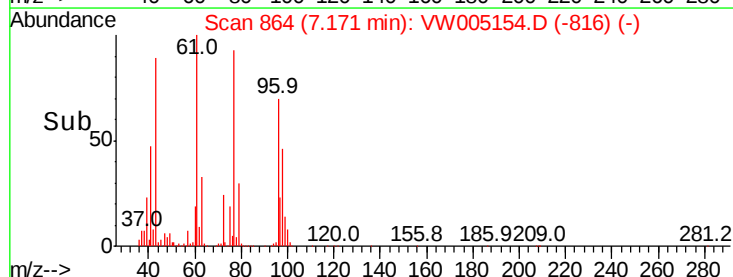
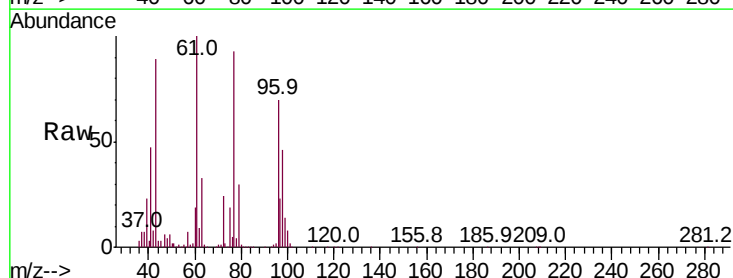
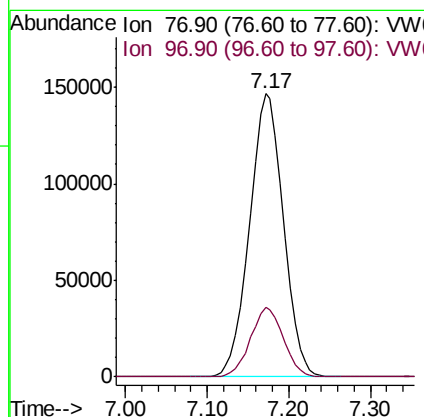
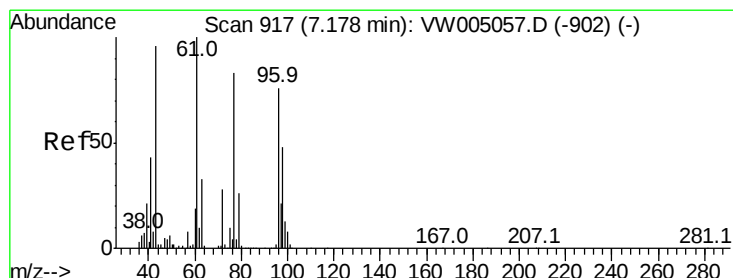
Acq: 06 Sep 2018 10:47

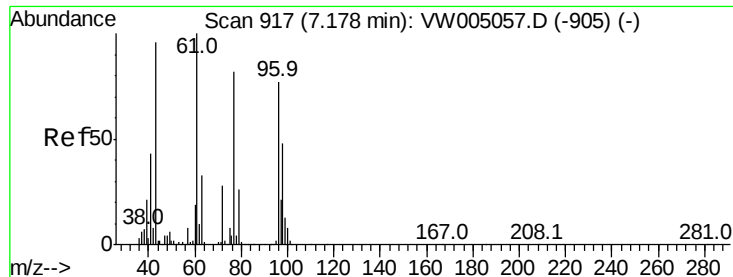
Tgt Ion: 77 Resp: 424290

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6



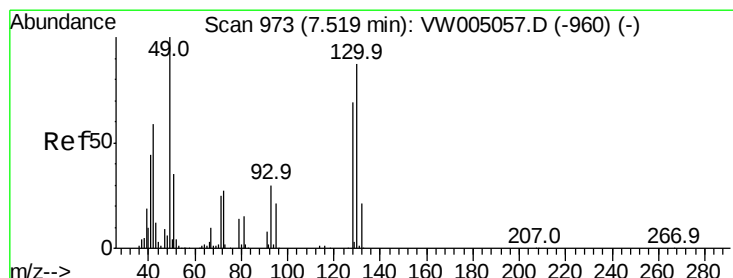
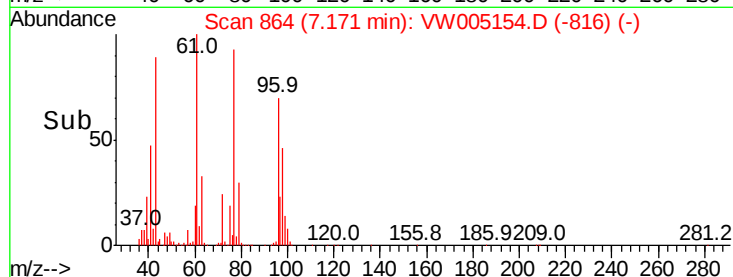
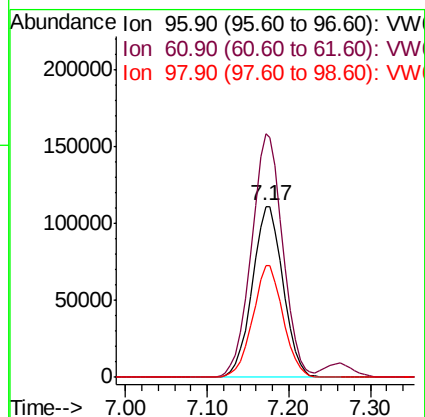
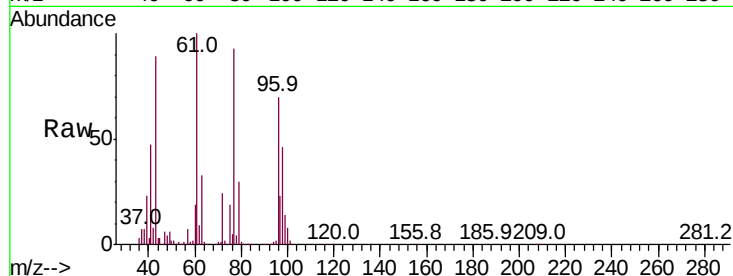


#27

cis-1,2-Dichloroethene
Concen: 49.534 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

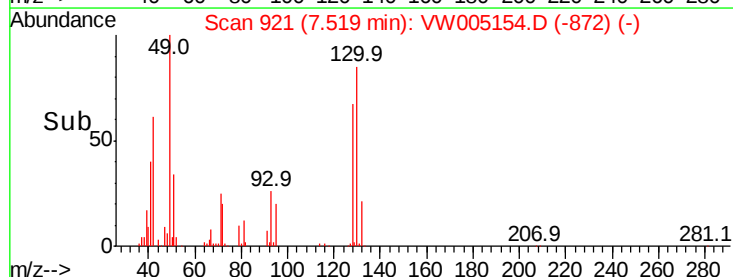
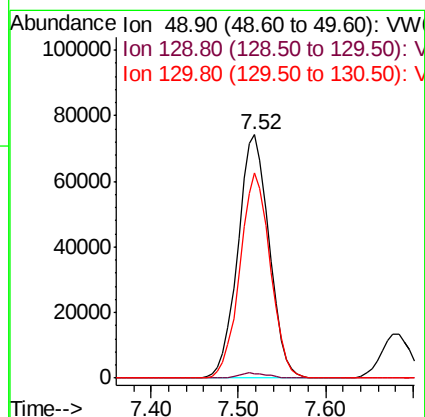
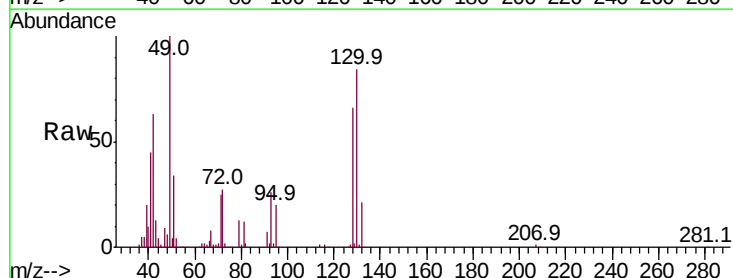
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	273.2
98	64.5	0.0	127.8

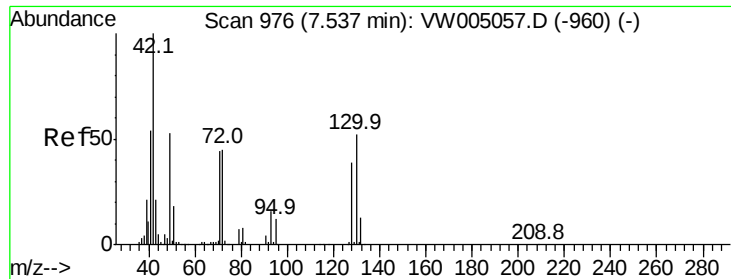


#28

Bromochloromethane
Concen: 50.257 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	81.9	69.6	104.4





#29

Tetrahydrofuran

Concen: 271.172 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

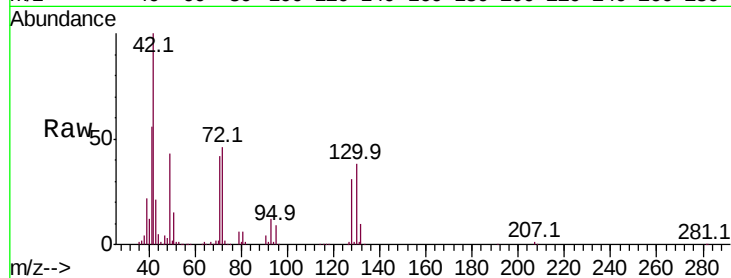
Tot Ion: 42 Resp: 219026

Ion Ratio Lower Upper

42 100

72 44.6 37.0 55.4

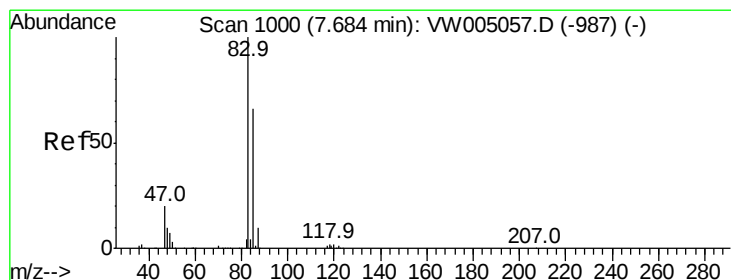
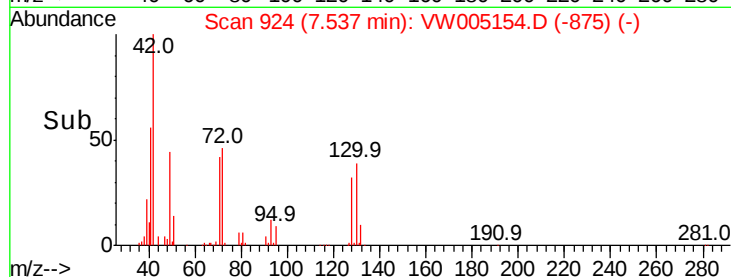
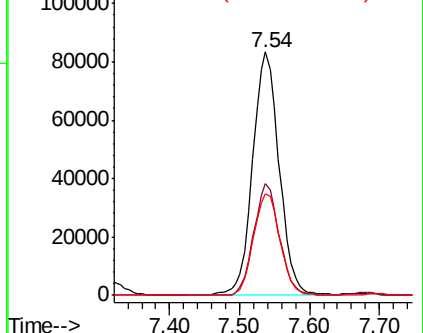
71 42.1 35.0 52.6



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: 49.425 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005154.D

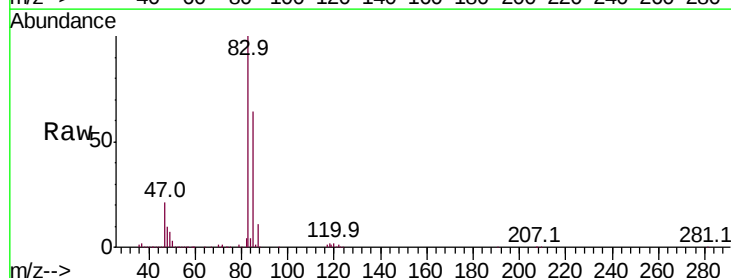
Acq: 06 Sep 2018 10:47

Tgt Ion: 83 Resp: 459768

Ion Ratio Lower Upper

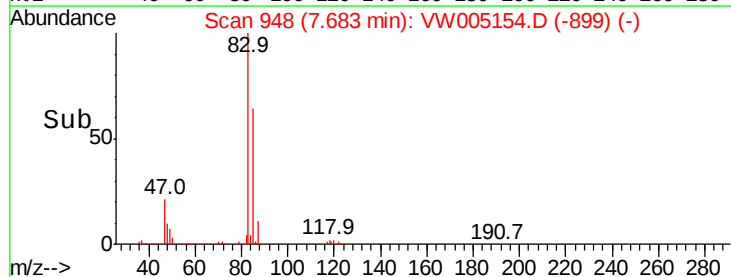
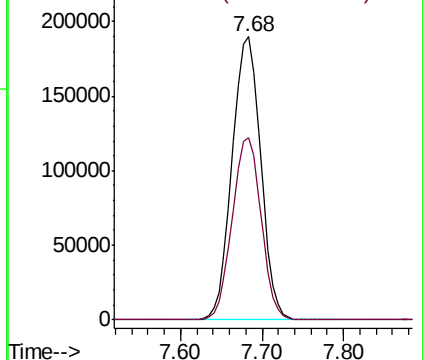
83 100

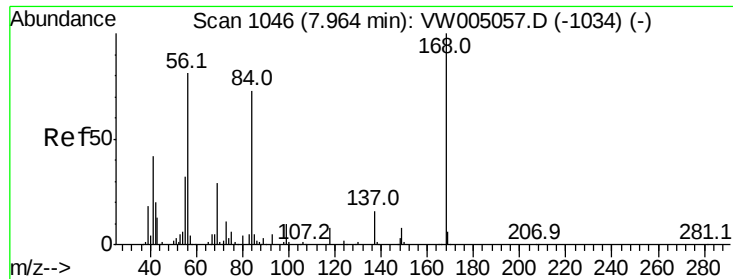
85 64.5 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

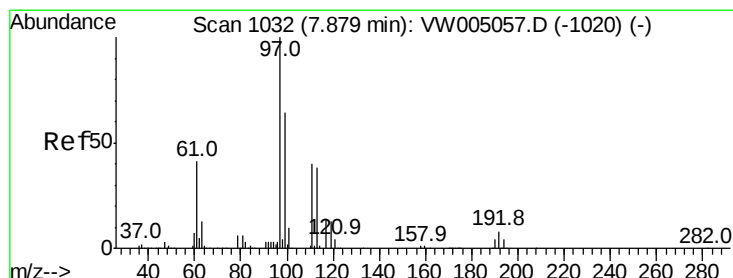
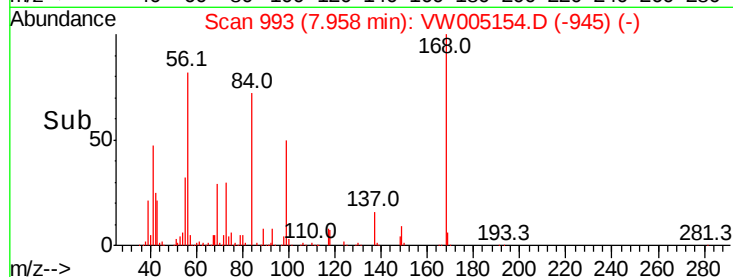
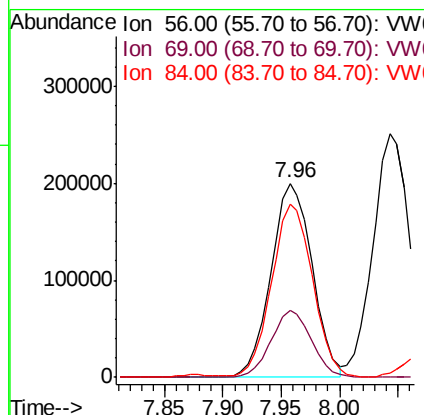
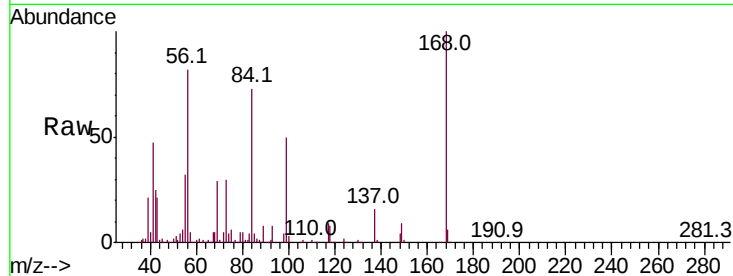




#31
Cyclohexane
Concen: 54.742 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

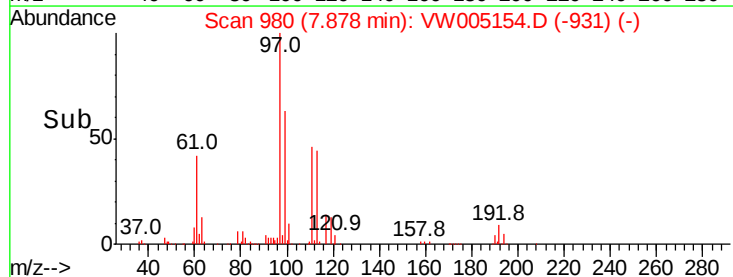
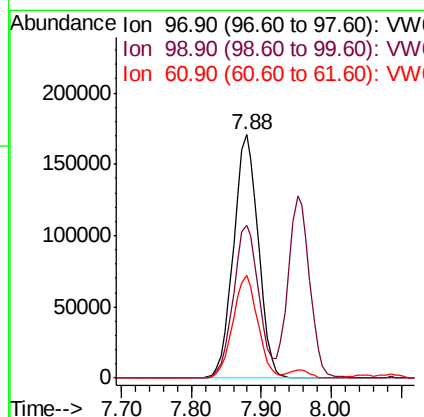
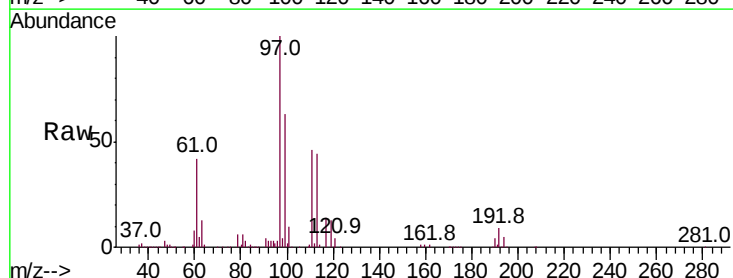
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

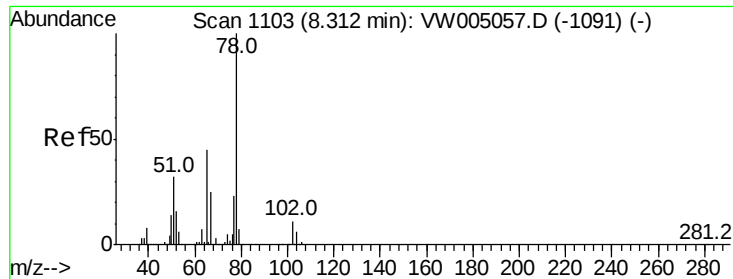
Tot Ion: 56 Resp: 488588
Ion Ratio Lower Upper
56 100
69 34.7 28.2 42.2
84 88.1 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 51.743 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 97 Resp: 419209
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 42.2 33.2 49.8

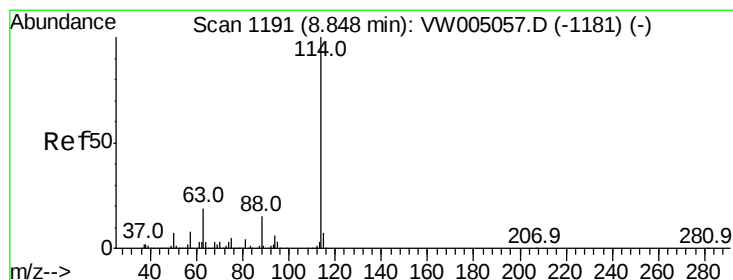
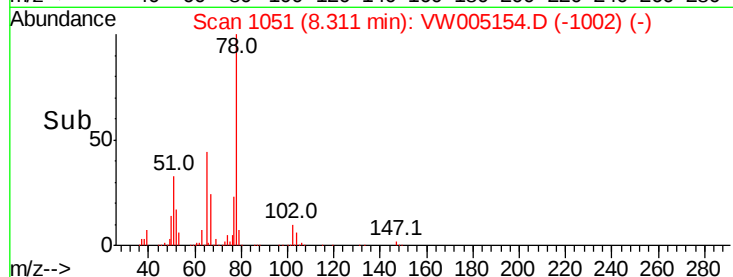
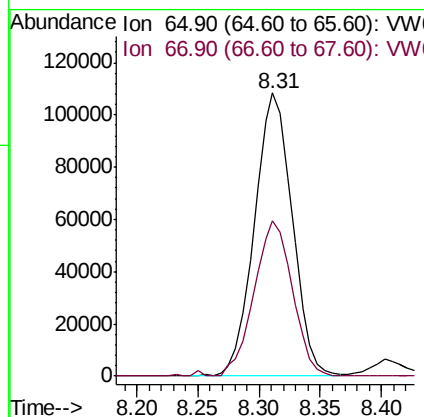
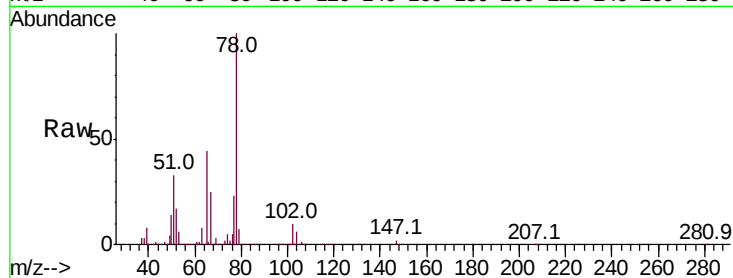




#33
 1,2-Dichloroethane-d4
 Concen: 51.322 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

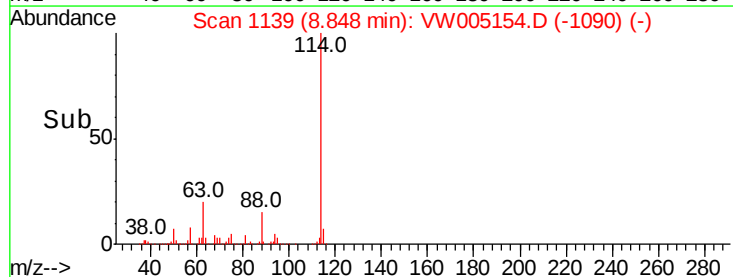
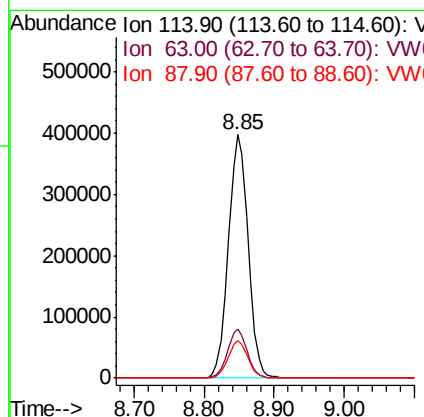
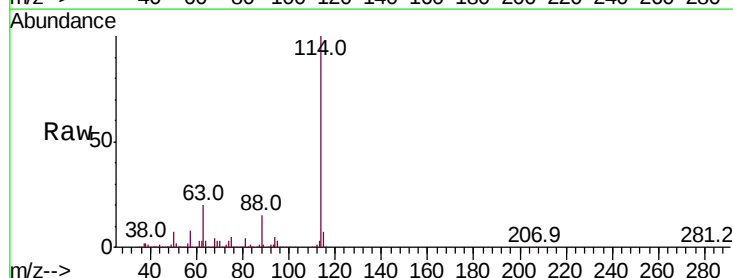
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

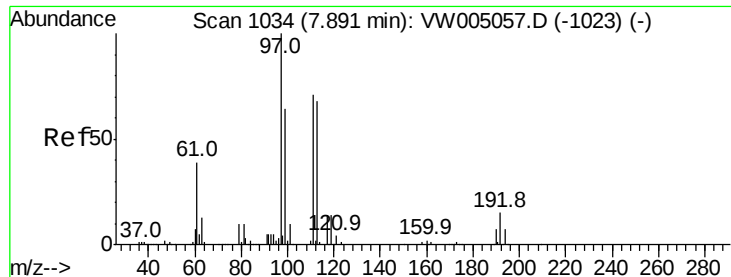
Tot Ion: 65 Resp: 233226
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion: 114 Resp: 777562
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 15.5 0.0 30.2

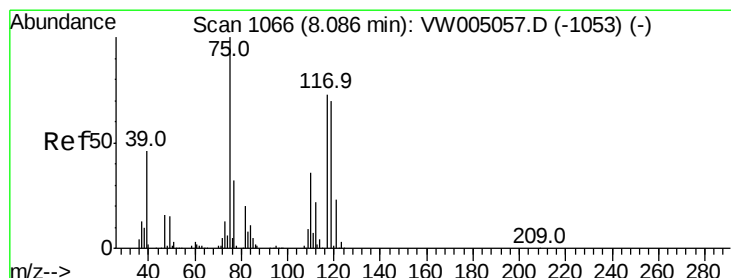
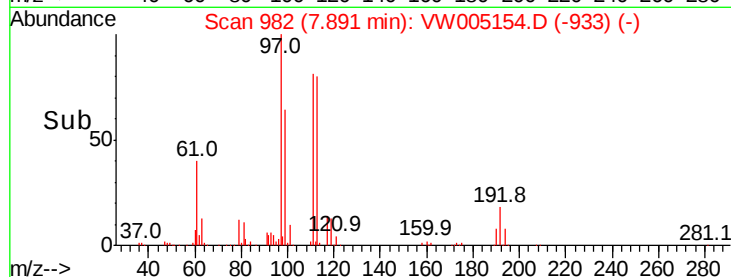
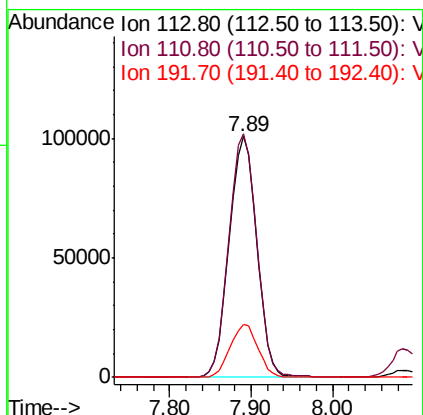
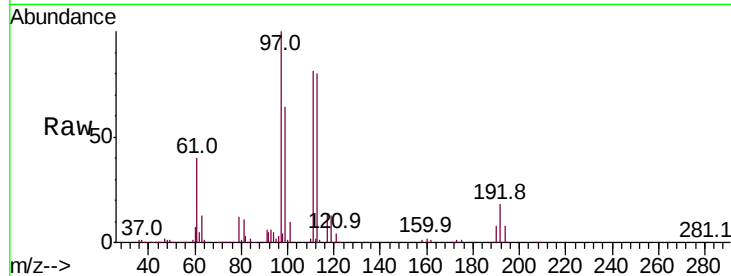




#35
 Dibromofluoromethane
 Concen: 52.427 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

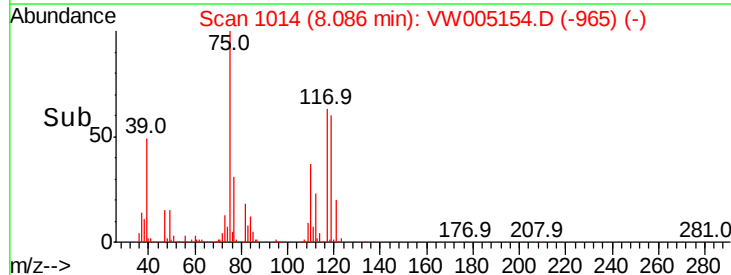
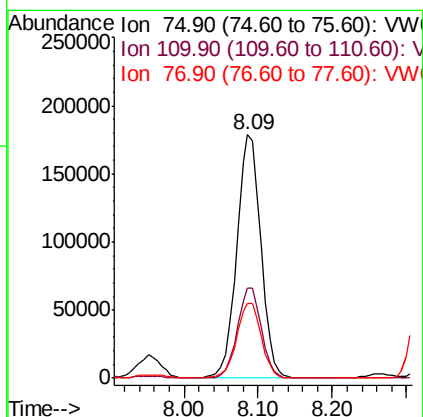
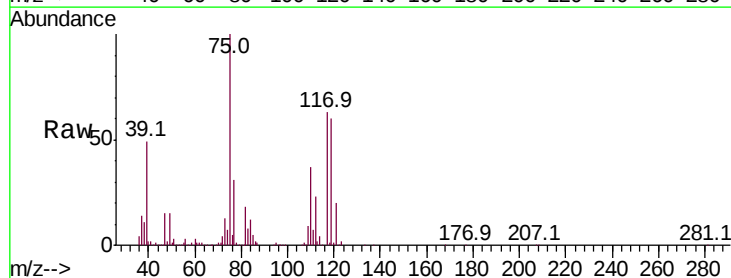
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

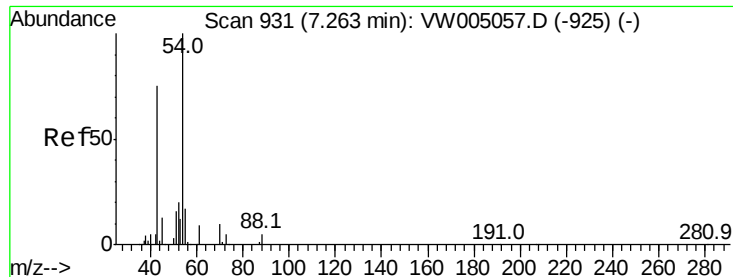
Tot Ion:113 Resp: 235576
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 21.9 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 54.626 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion: 75 Resp: 404531
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.9 56.7
 77 31.7 25.5 38.3

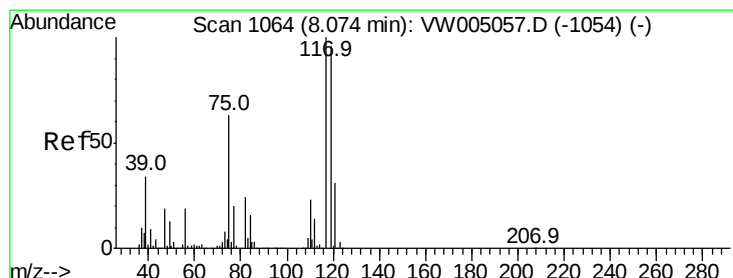
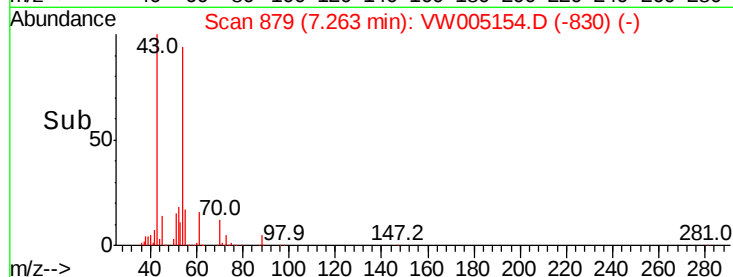
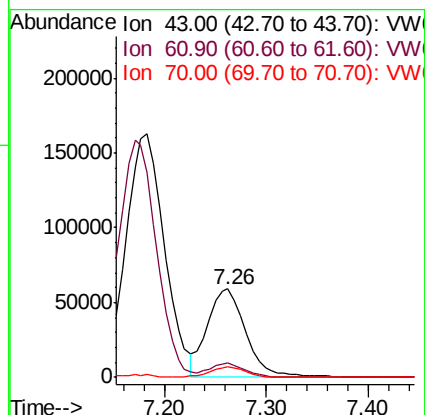
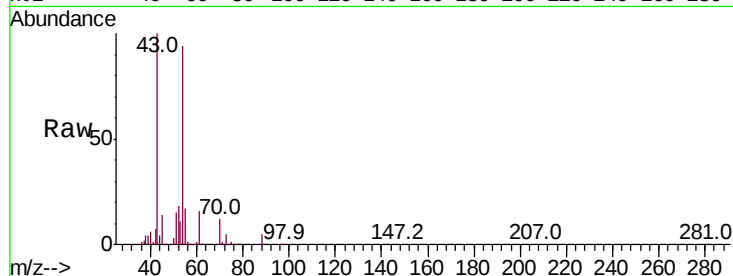




#37
Ethyl Acetate
Concen: 55.132 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

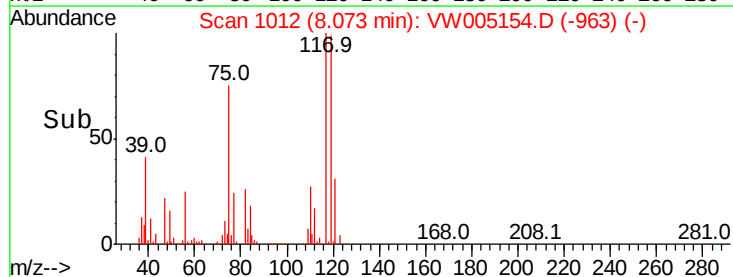
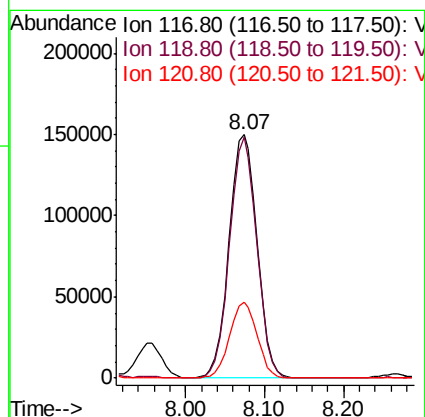
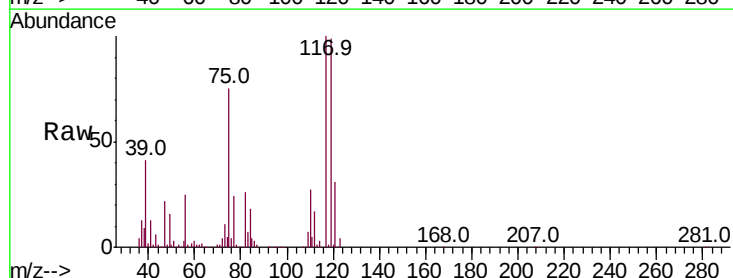
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

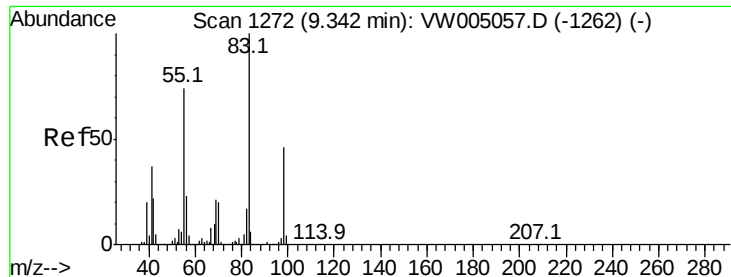
Tot Ion: 43 Resp: 152686
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 10.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 52.491 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 117 Resp: 369610
Ion Ratio Lower Upper
117 100
119 99.1 76.6 115.0
121 30.9 24.8 37.2

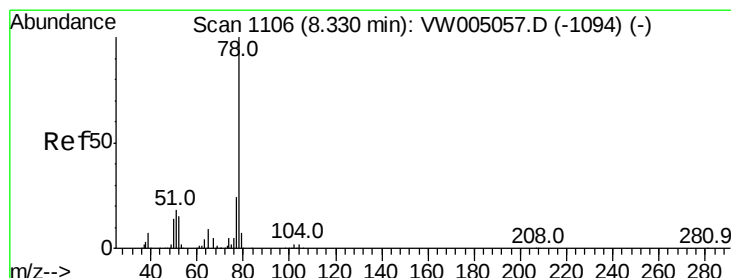
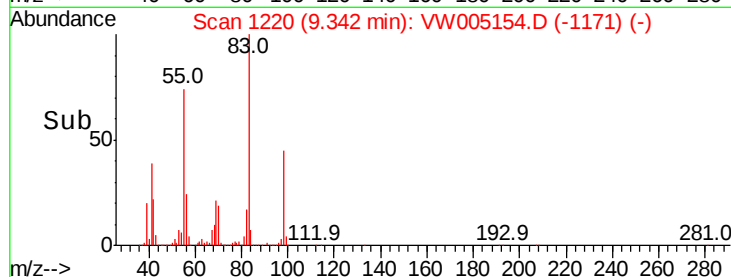
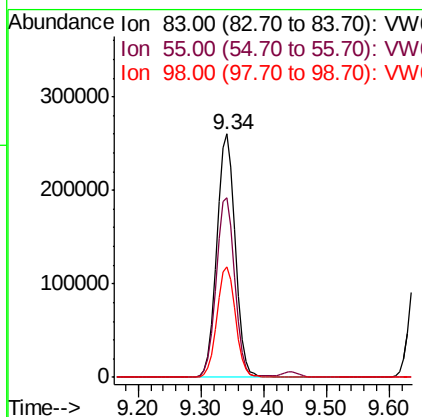
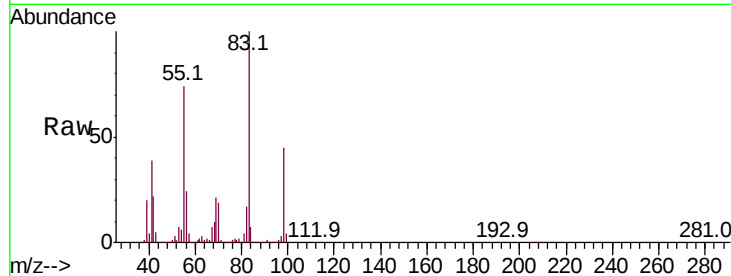




#39
Methvlcvclohexane
Concen: 59.193 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

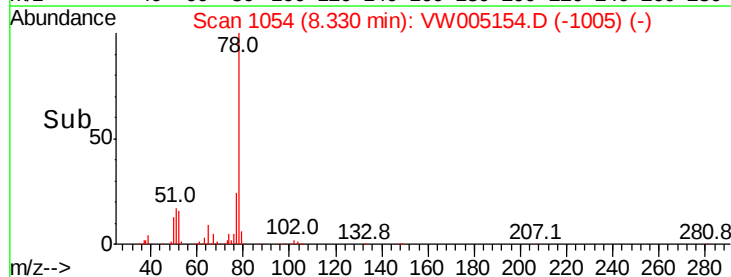
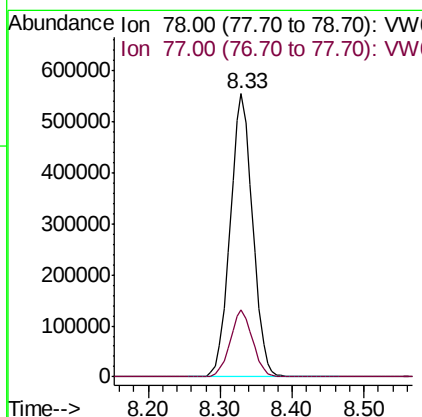
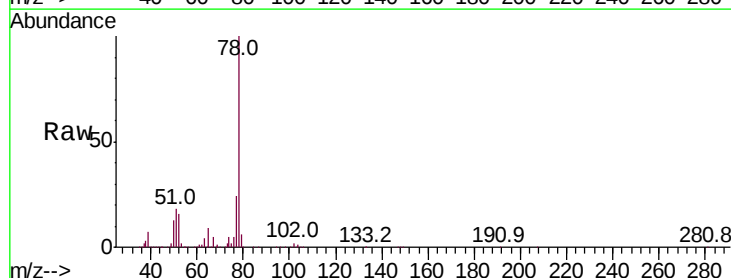
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

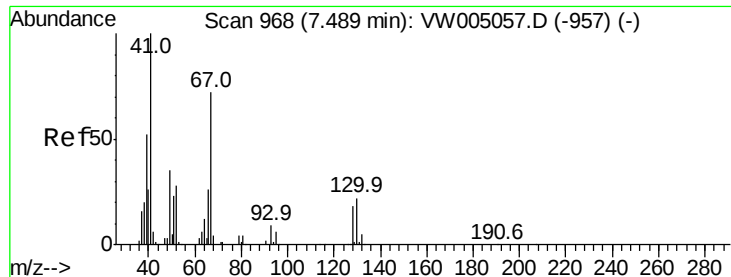
Tot Ion: 83 Resp: 530121
Ion Ratio Lower Upper
83 100
55 73.7 58.9 88.3
98 45.5 36.8 55.2



#40
Benzene
Concen: 52.892 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 78 Resp: 1199092
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

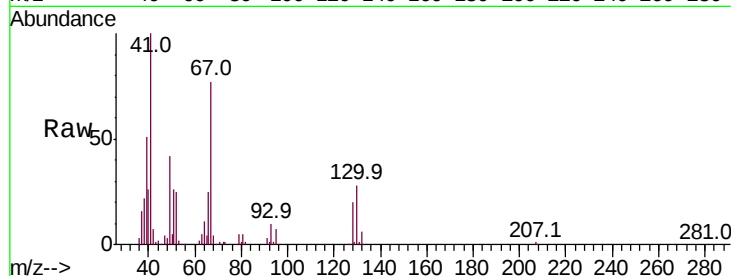




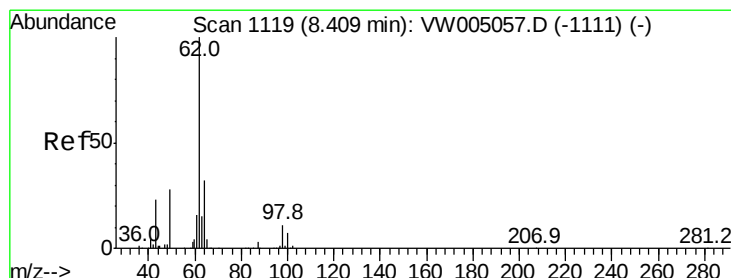
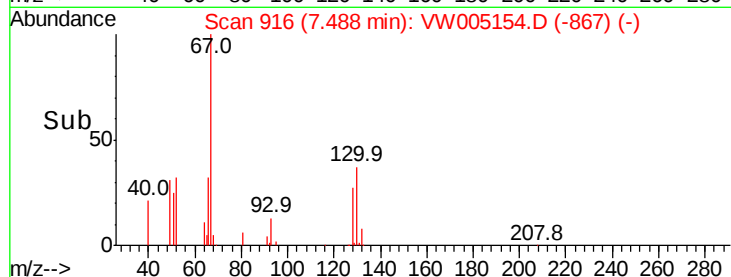
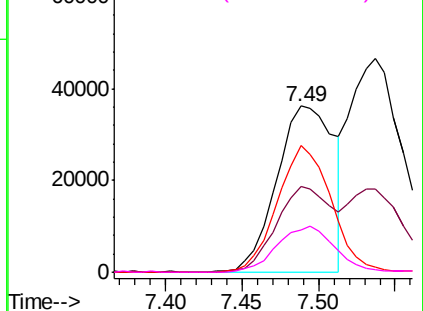
#41
Methacrylonitrile
Concen: 58.562 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	93971
Ion	Ratio	Lower	Upper
41	100		
39	49.6	41.8	62.8
67	72.4	60.4	90.6
52	28.5	23.8	35.8

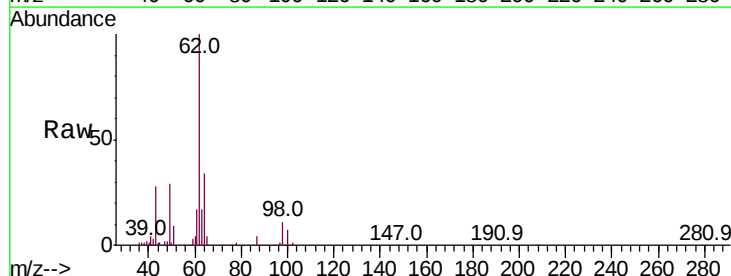


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

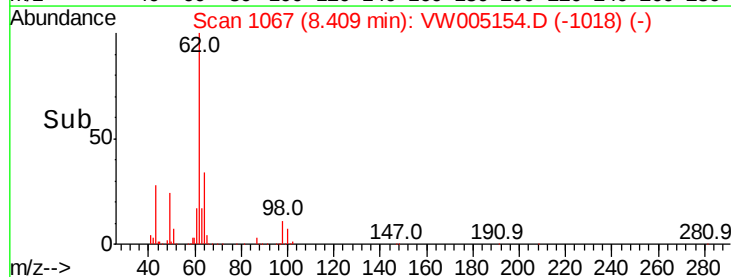
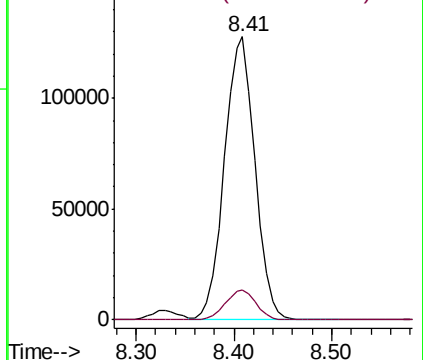


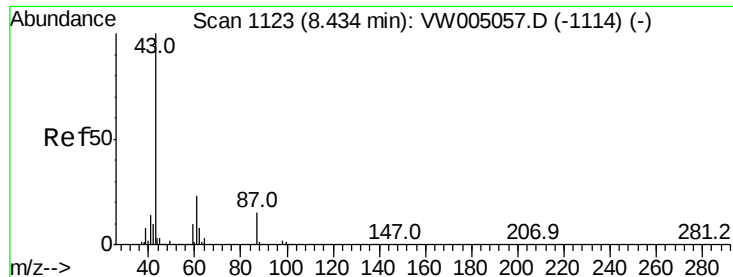
#42
1,2-Dichloroethane
Concen: 49.582 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion:	62	Resp:	275099
Ion	Ratio	Lower	Upper
62	100		
98	10.5	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: 56.401 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

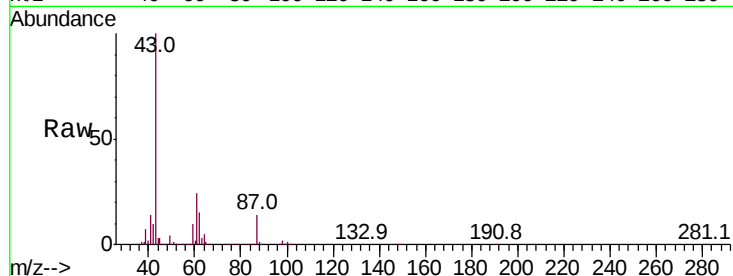
Tot Ion: 43 Resp: 284237

Ion Ratio Lower Upper

43 100

61 32.6 26.8 40.2

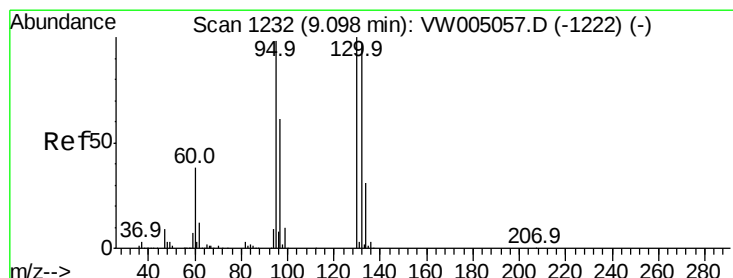
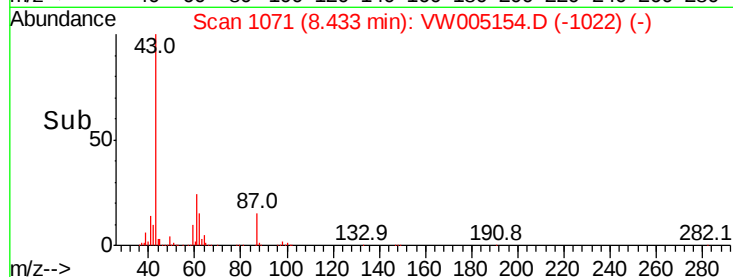
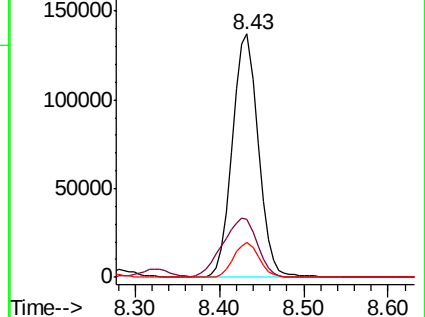
87 14.4 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.012 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005154.D

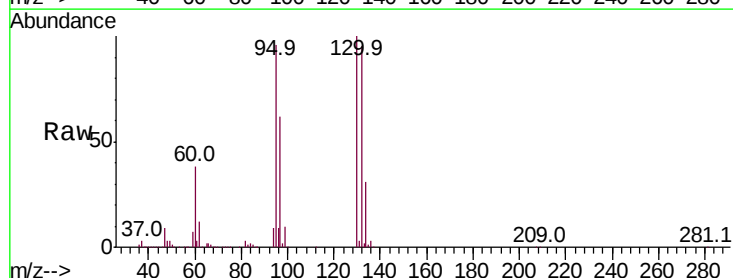
Acq: 06 Sep 2018 10:47

Tgt Ion:130 Resp: 312031

Ion Ratio Lower Upper

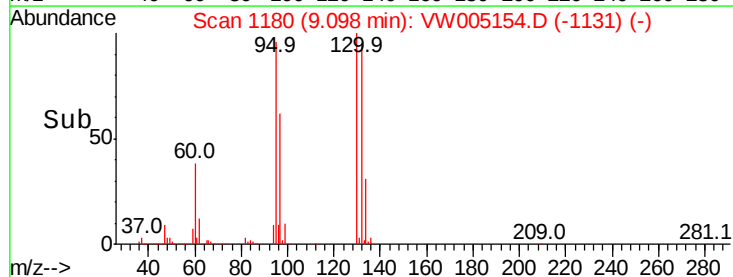
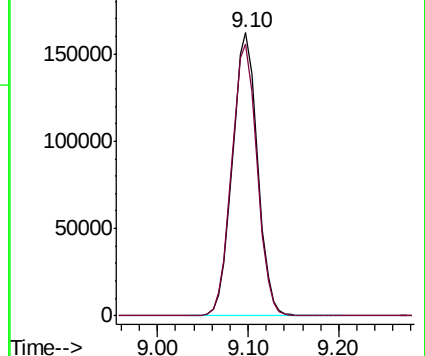
130 100

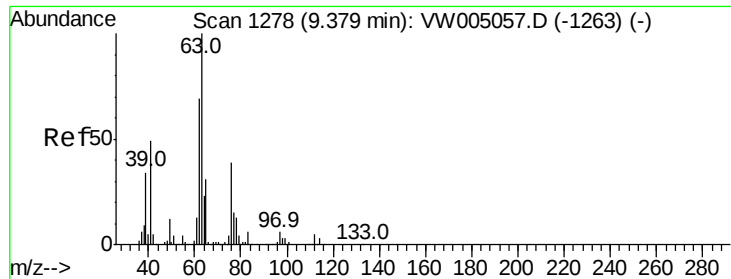
95 96.0 0.0 195.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 52.734 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

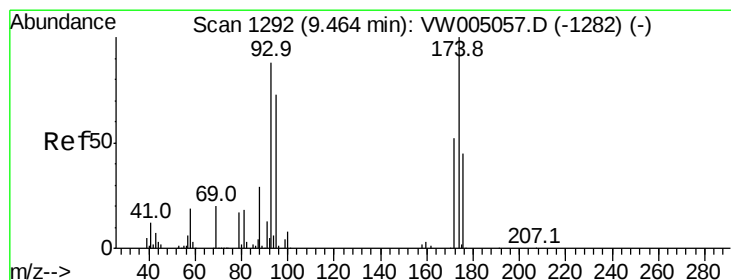
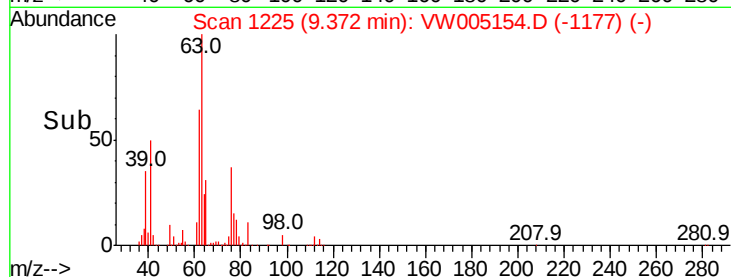
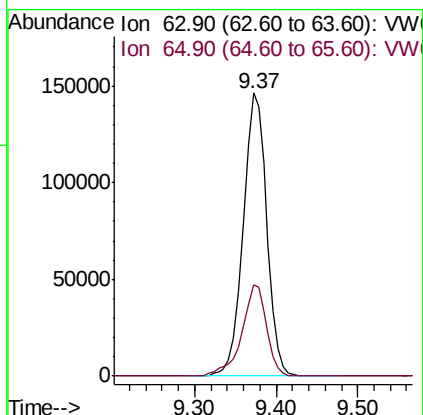
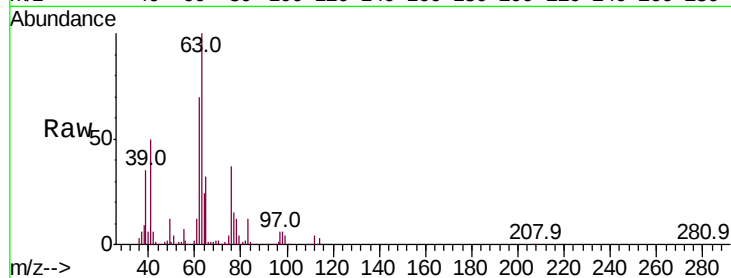
VSTDCCC050

Tot Ion: 63 Resp: 292060

Ion Ratio Lower Upper

63 100

65 32.1 24.6 37.0



#46

Dibromomethane

Concen: 50.217 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

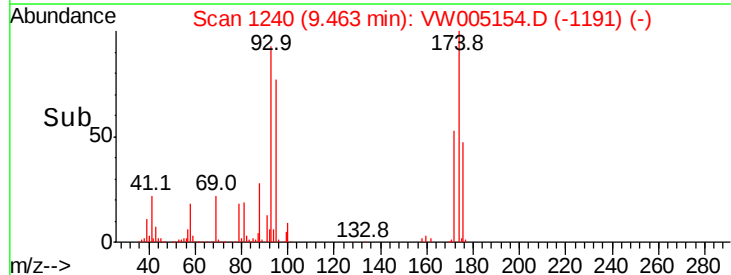
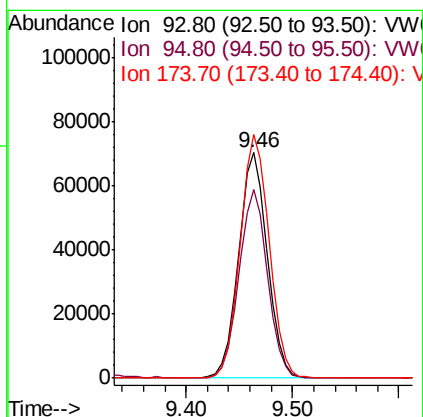
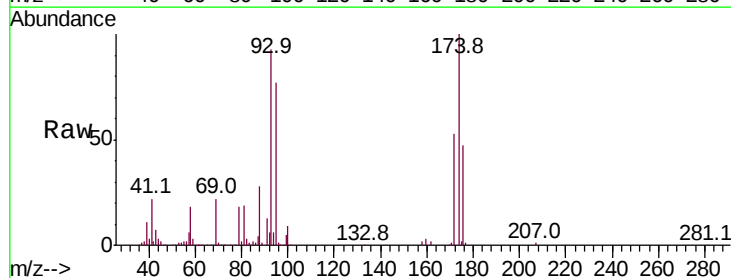
Tgt Ion: 93 Resp: 132990

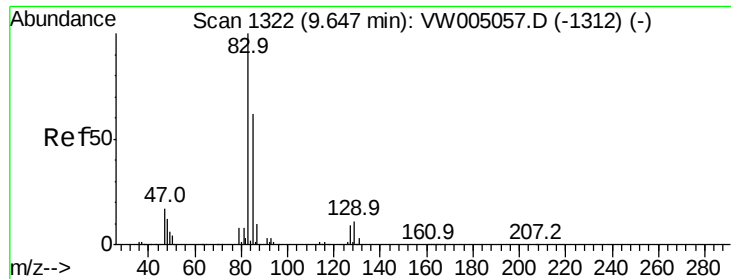
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 109.4 92.0 138.0





#47

Bromodichloromethane

Concen: 50.930 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

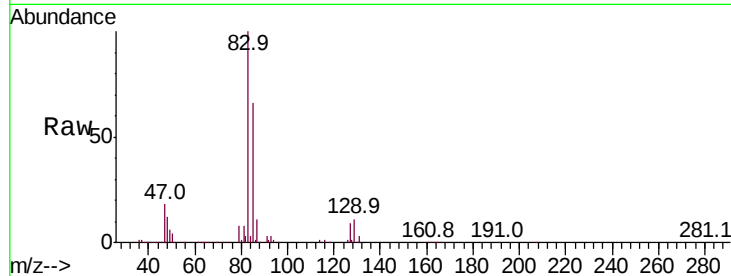
Tot Ion: 83 Resp: 339612

Ion Ratio Lower Upper

83 100

85 65.9 49.8 74.6

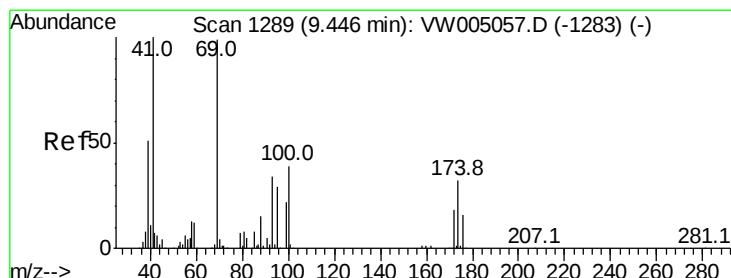
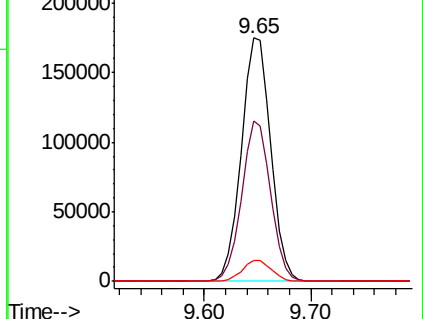
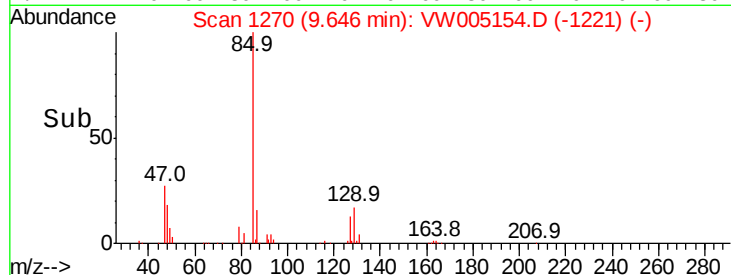
127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 58.575 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

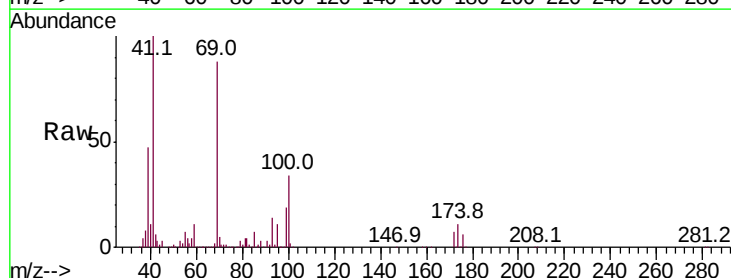
Tgt Ion: 41 Resp: 142142

Ion Ratio Lower Upper

41 100

69 95.9 80.4 120.6

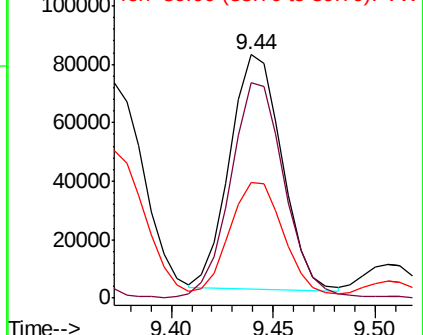
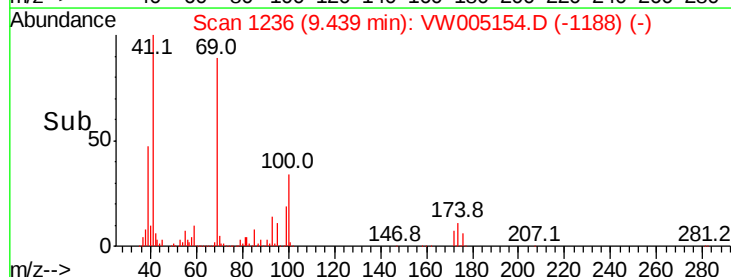
39 48.9 43.5 65.3

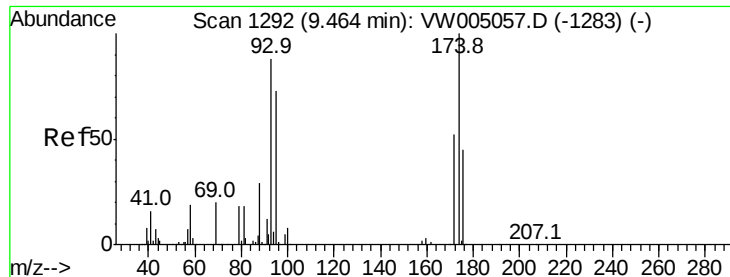


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1173.870 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

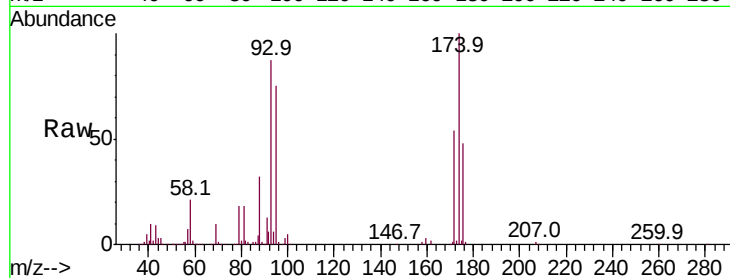
Tot Ion: 88 Resp: 50273

Ion Ratio Lower Upper

88 100

43 0.0 19.8 29.6#

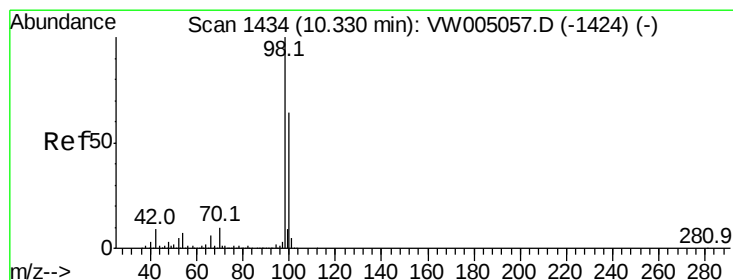
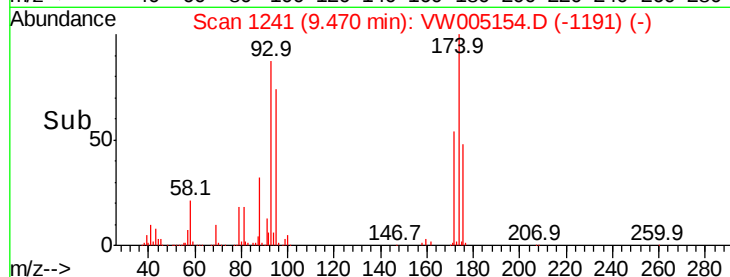
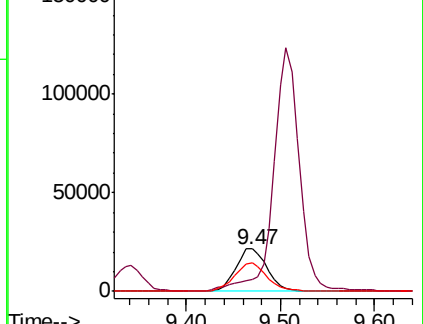
58 70.8 57.1 85.7



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: 56.536 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005154.D

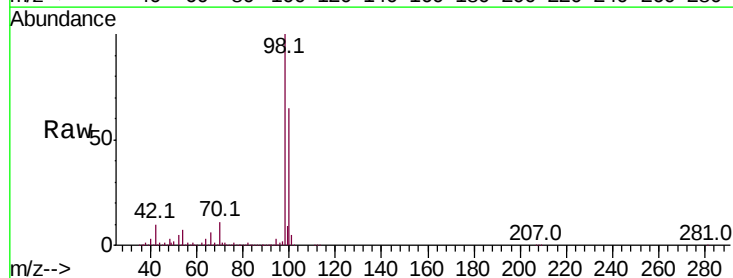
Acq: 06 Sep 2018 10:47

Tgt Ion: 98 Resp: 1170576

Ion Ratio Lower Upper

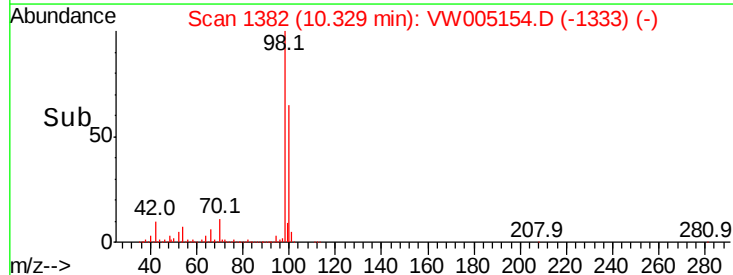
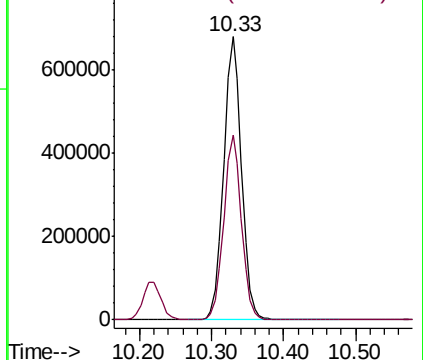
98 100

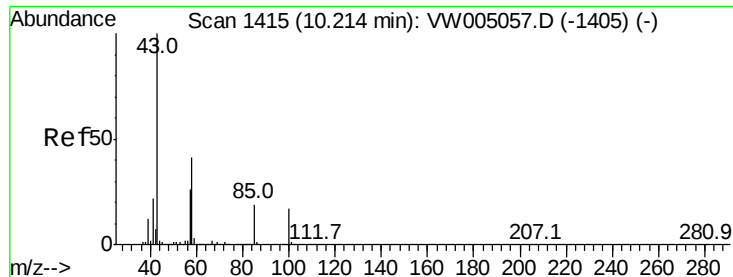
100 65.0 51.7 77.5



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: 295.291 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

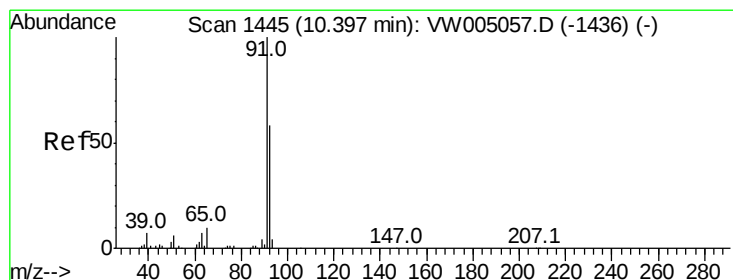
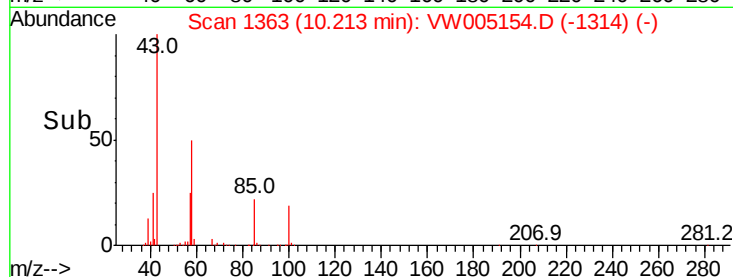
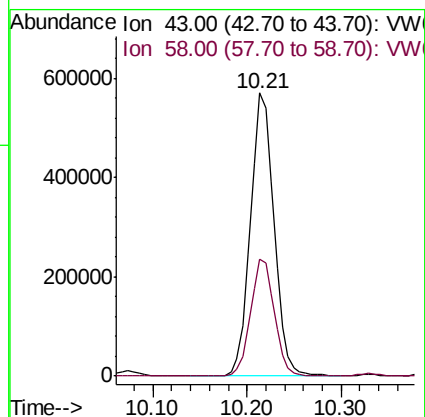
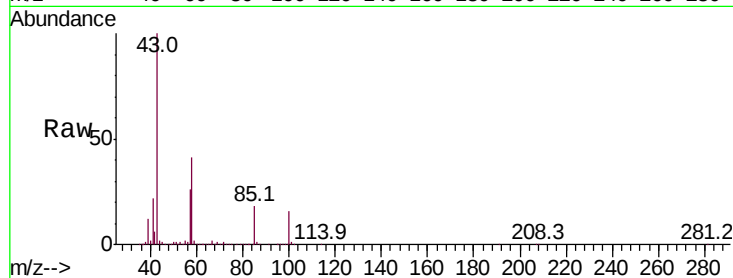
VSTDCCC050

Tot Ion: 43 Resp: 997348

Ion Ratio Lower Upper

43 100

58 41.5 33.3 49.9



#52

Toluene

Concen: 53.978 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005154.D

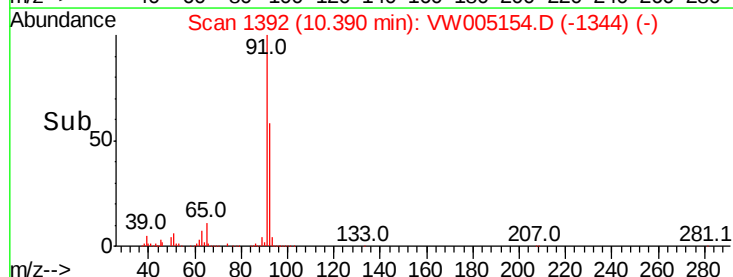
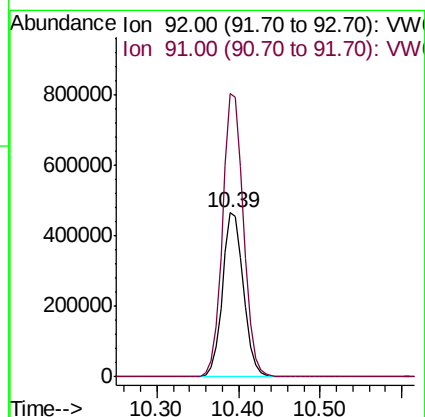
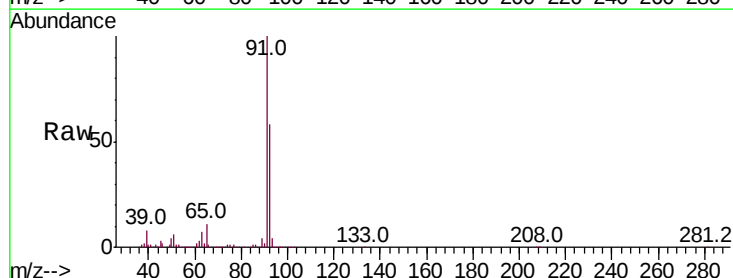
Acq: 06 Sep 2018 10:47

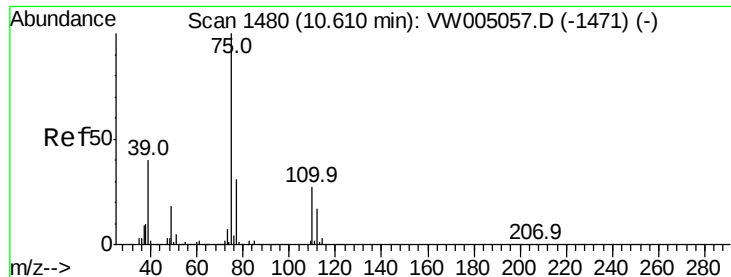
Tgt Ion: 92 Resp: 829155

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 55.257 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

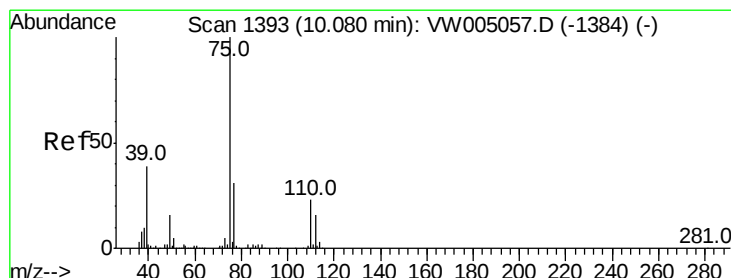
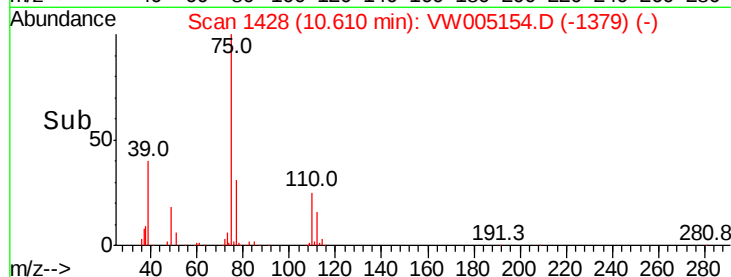
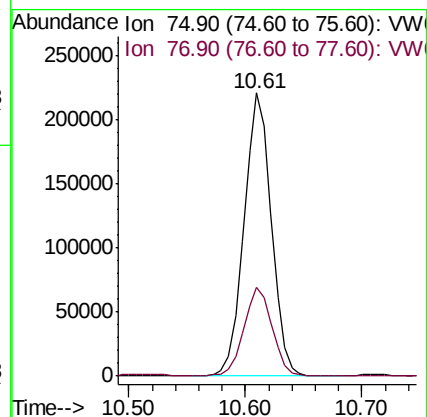
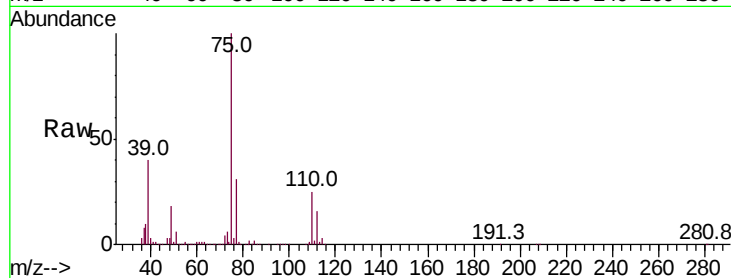
VSTDCCC050

Tot Ion: 75 Resp: 362057

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.045 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

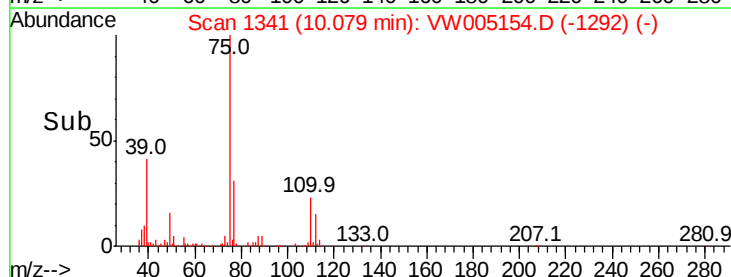
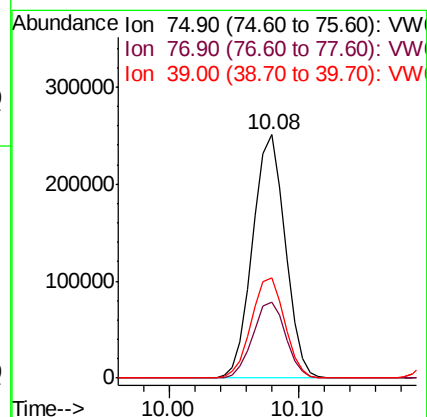
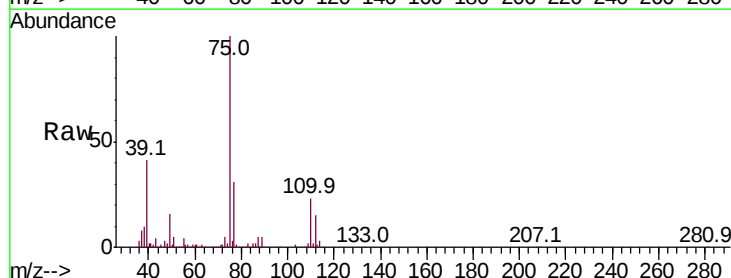
Tgt Ion: 75 Resp: 438630

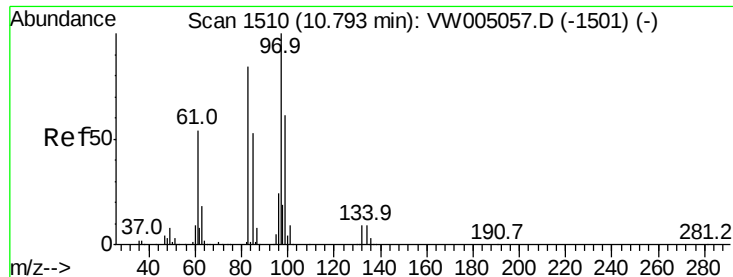
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 41.3 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 50.379 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 206569

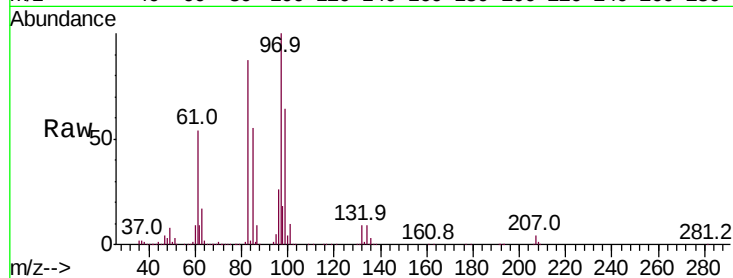
Ion Ratio Lower Upper

97 100

83 87.0 67.0 100.6

85 54.4 42.3 63.5

99 63.6 48.5 72.7

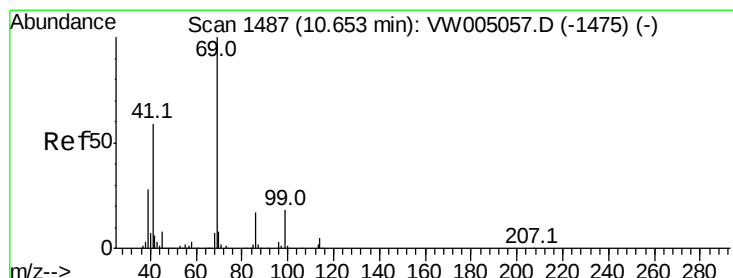
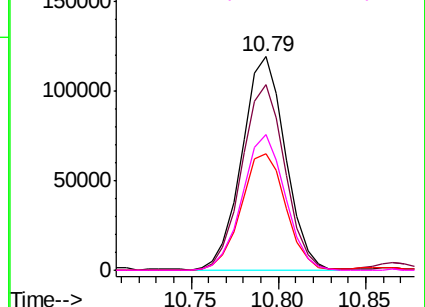
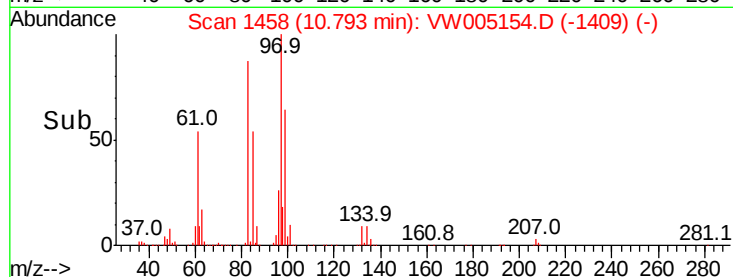


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 58.823 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

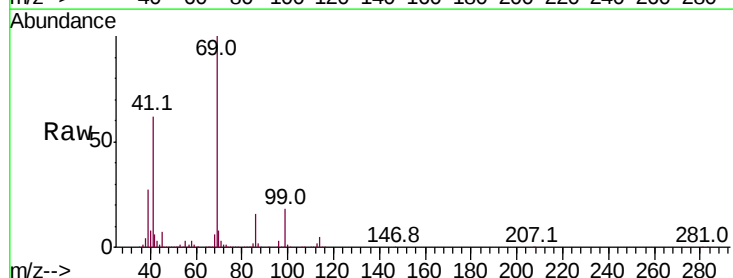
Tgt Ion: 69 Resp: 275170

Ion Ratio Lower Upper

69 100

41 62.1 47.8 71.6

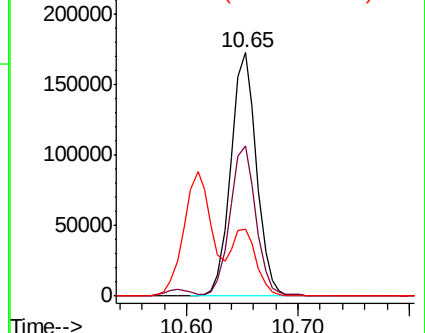
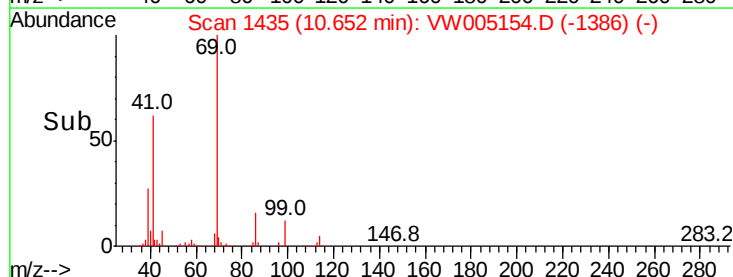
39 26.0 21.1 31.7

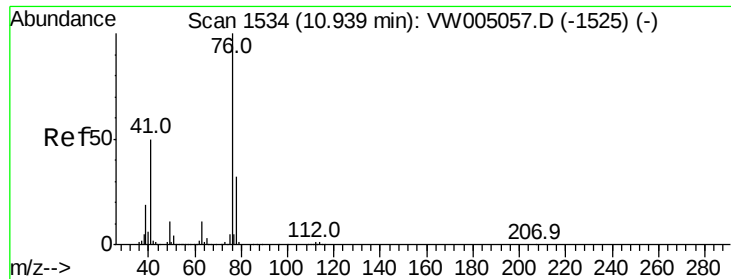


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 52.826 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

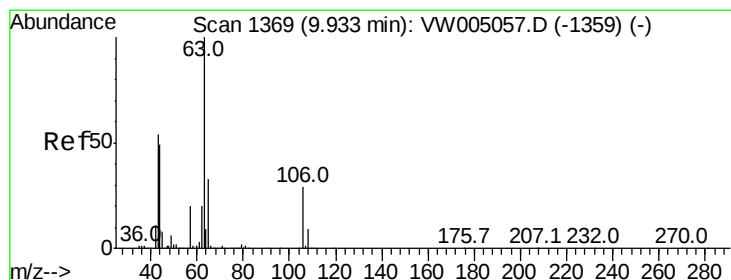
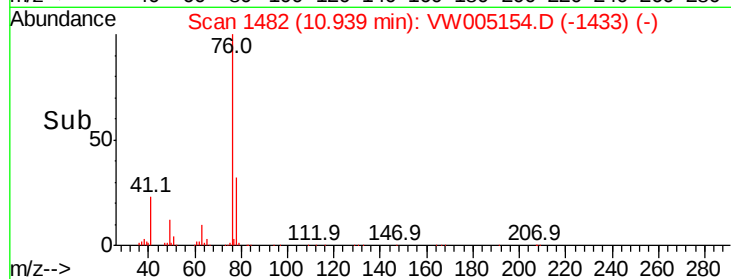
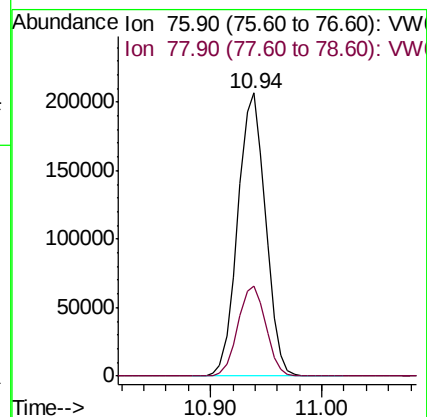
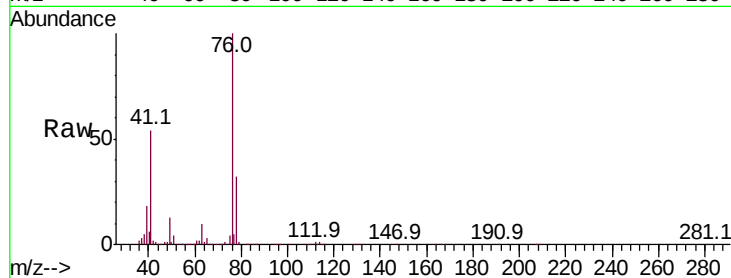
VSTDCCC050

Tot Ion: 76 Resp: 356594

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 300.236 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005154.D

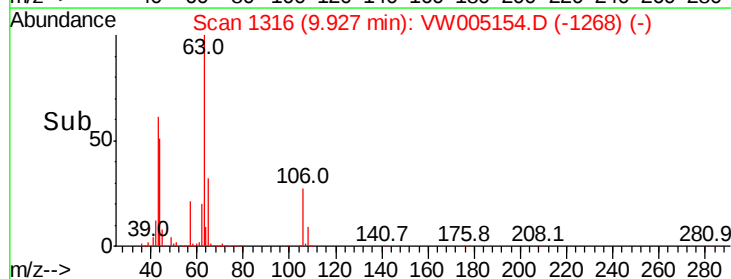
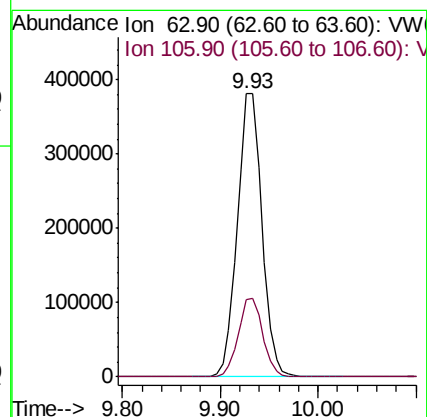
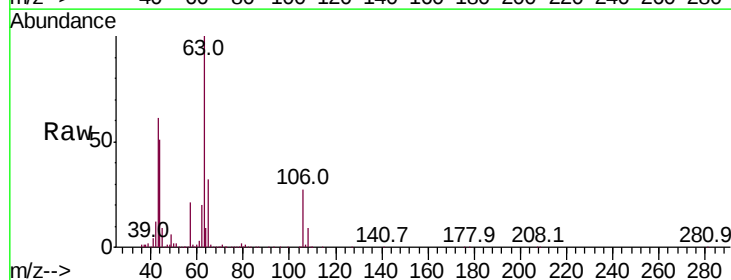
Acq: 06 Sep 2018 10:47

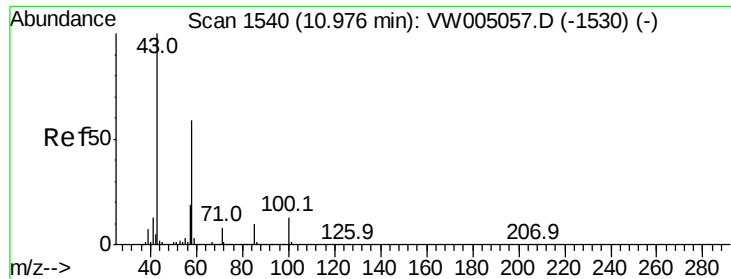
Tgt Ion: 63 Resp: 665508

Ion Ratio Lower Upper

63 100

106 27.7 23.1 34.7

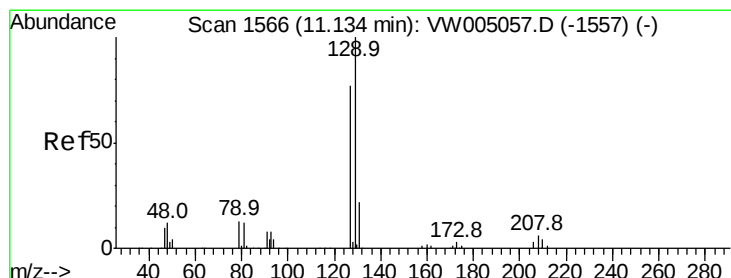
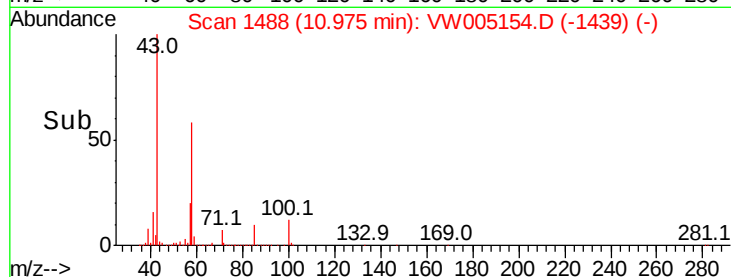
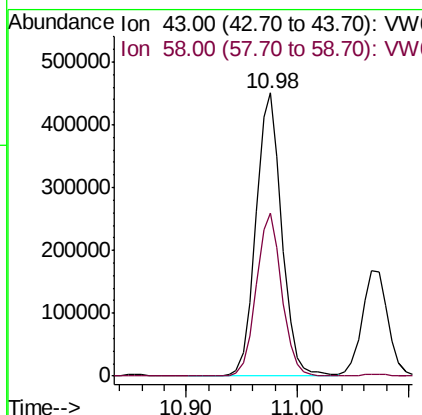
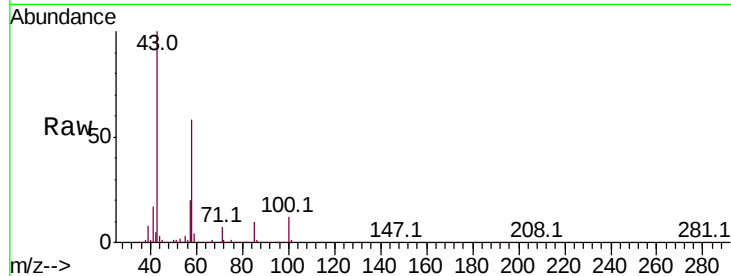




#59
2-Hexanone
Concen: 318.359 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

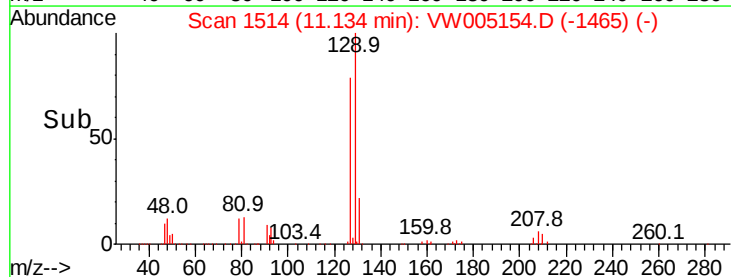
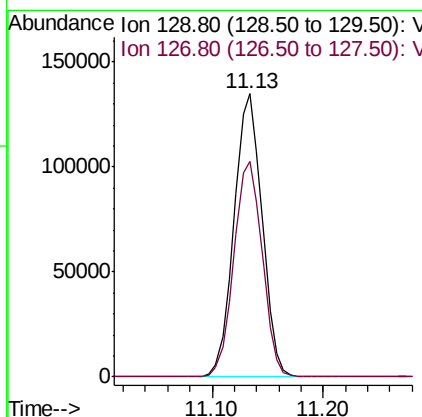
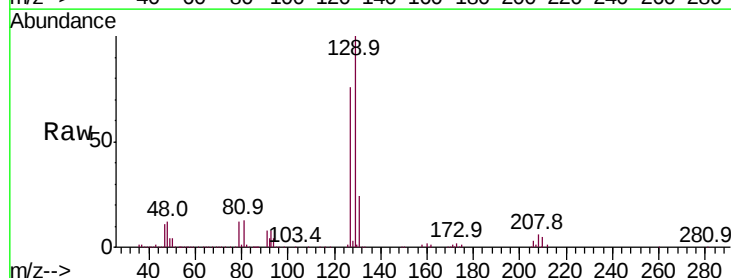
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

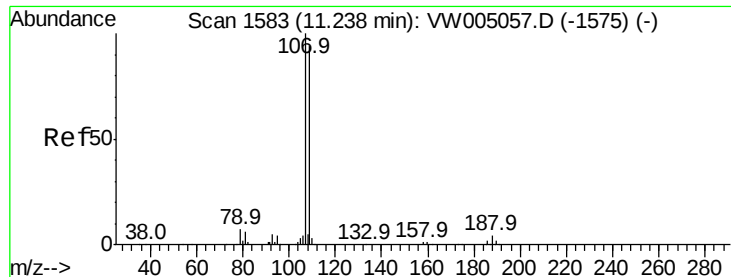
Tot Ion: 43 Resp: 727266
Ion Ratio Lower Upper
43 100
58 56.9 28.7 86.3



#60
Dibromochloromethane
Concen: 50.652 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 129 Resp: 234798
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

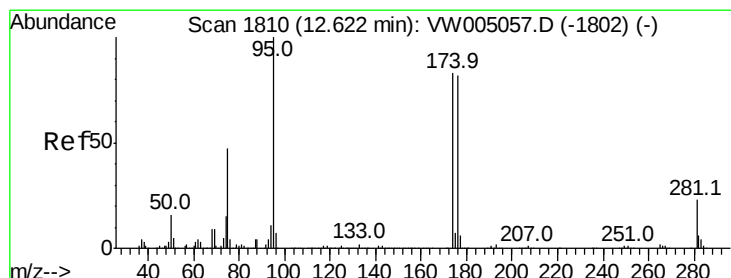
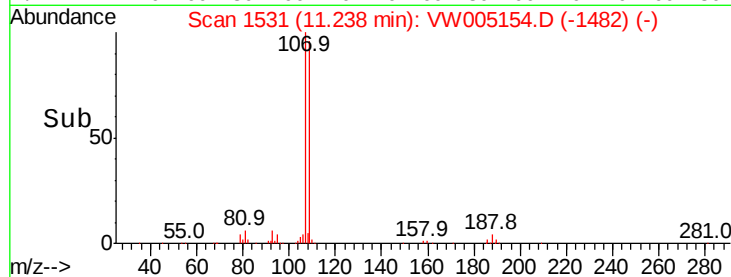
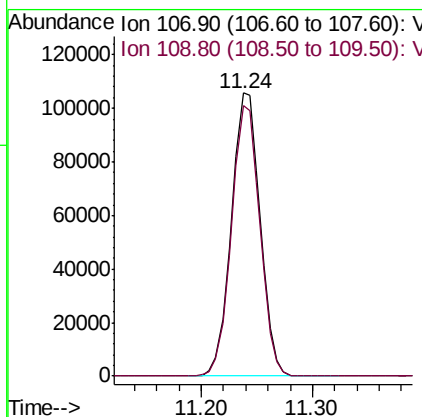
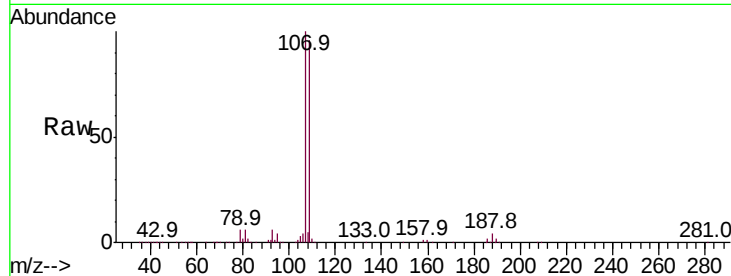




#61
 1,2-Dibromoethane
 Concen: 50.865 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

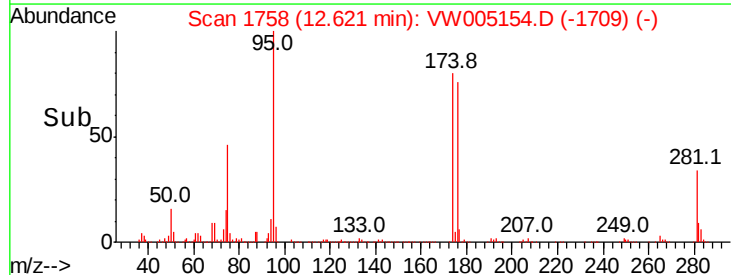
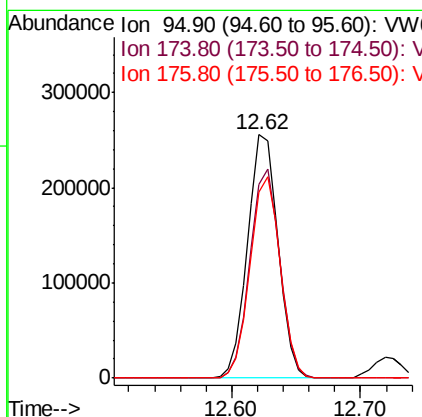
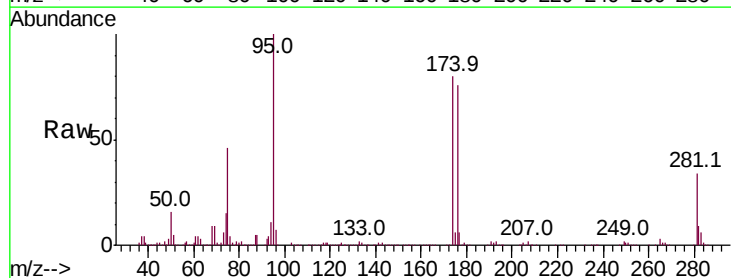
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

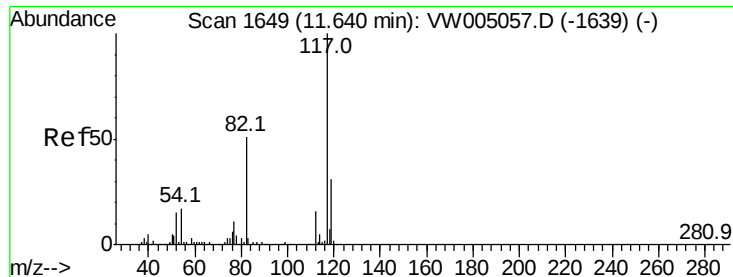
Tot Ion:107 Resp: 188296
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 57.002 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion: 95 Resp: 416157
 Ion Ratio Lower Upper
 95 100
 174 84.4 0.0 173.4
 176 82.0 0.0 167.4

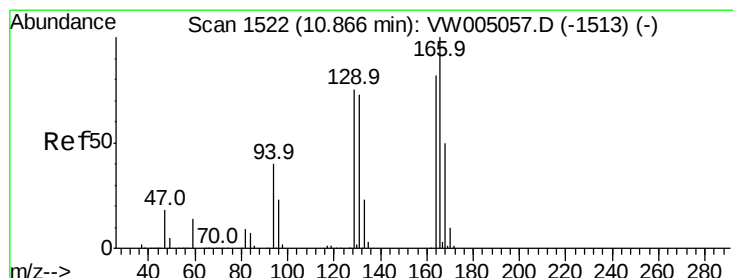
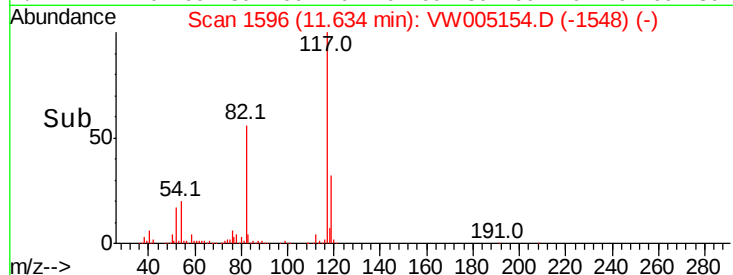
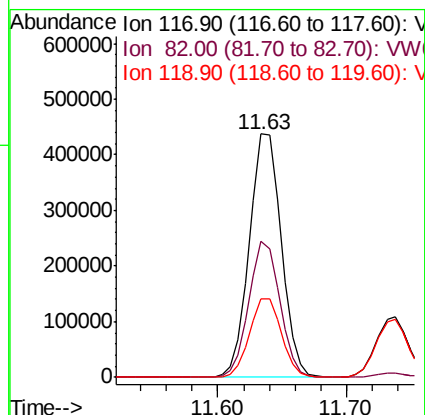
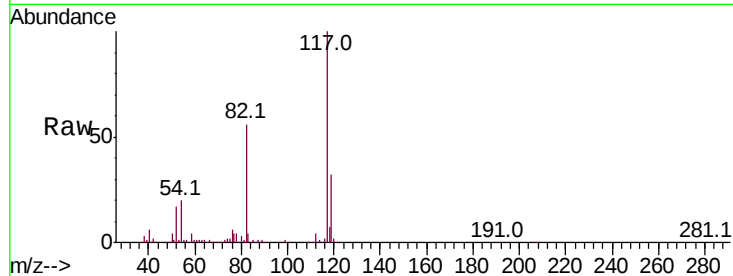




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

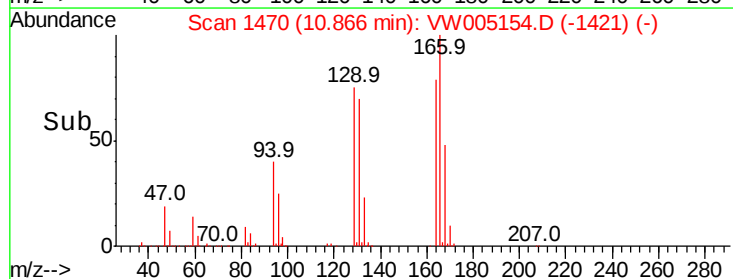
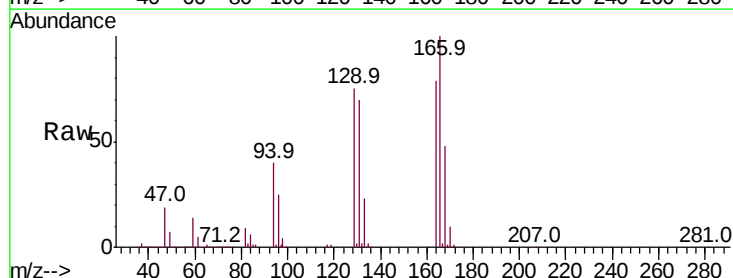
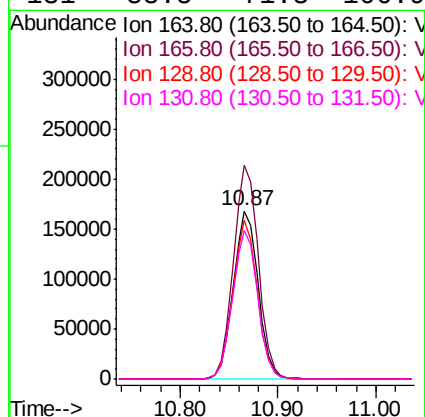
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

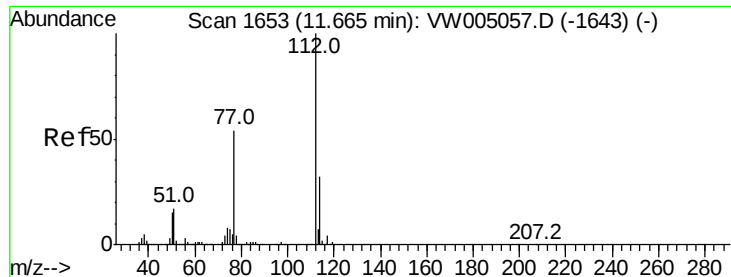
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.9	61.3
119	32.2	24.9	37.3



#64
Tetrachloroethene
Concen: 50.331 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	97.3	145.9
129	94.6	73.1	109.7
131	88.5	71.3	106.9

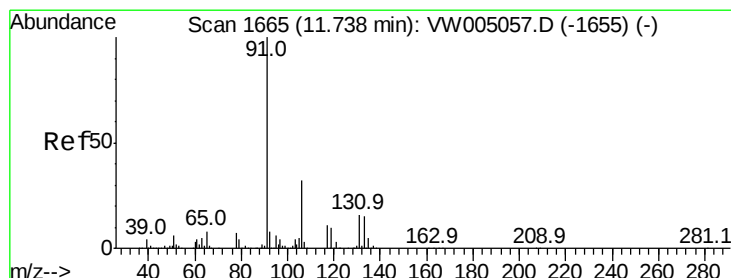
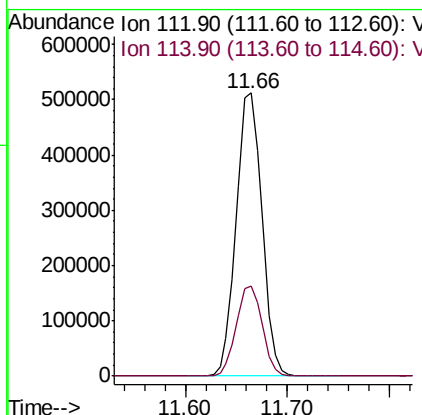
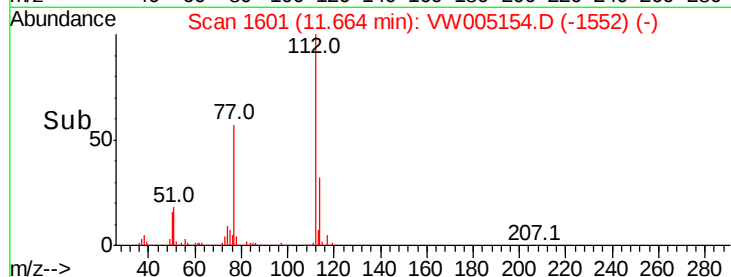
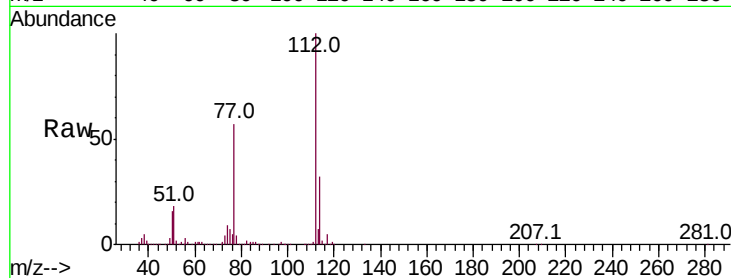




#65
Chlorobenzene
Concen: 52.862 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

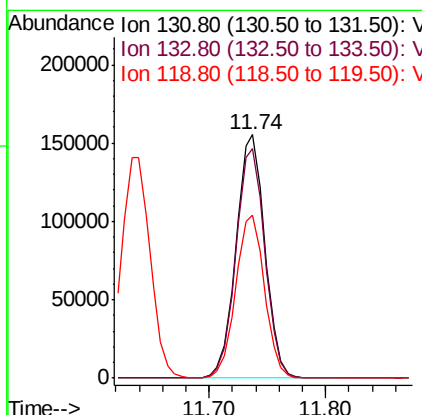
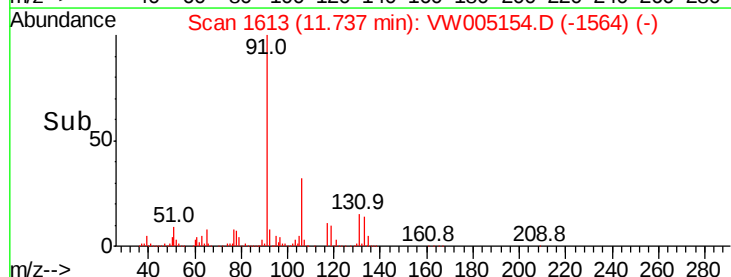
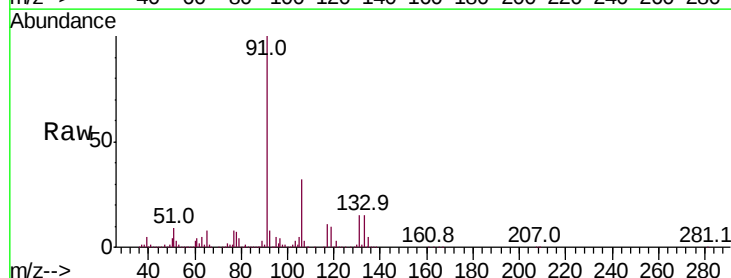
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

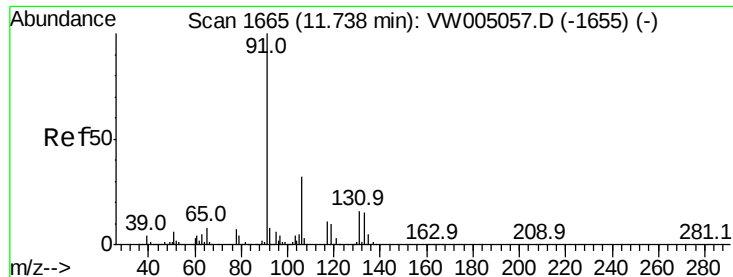
Tot Ion:112 Resp: 893967
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.729 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion:131 Resp: 267327
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.3
119 67.2 33.4 100.1

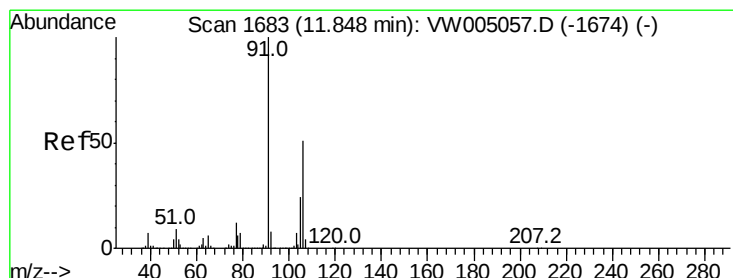
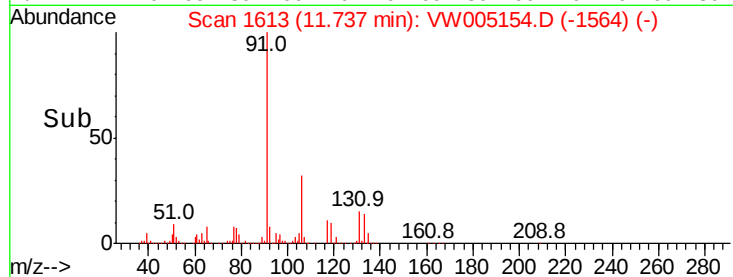
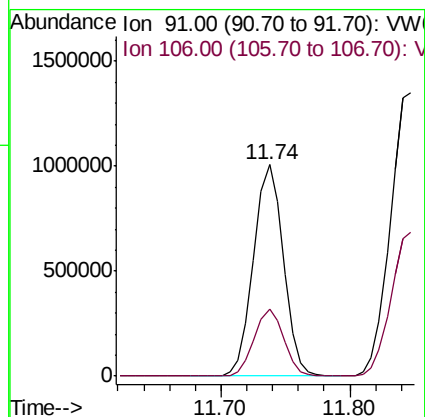
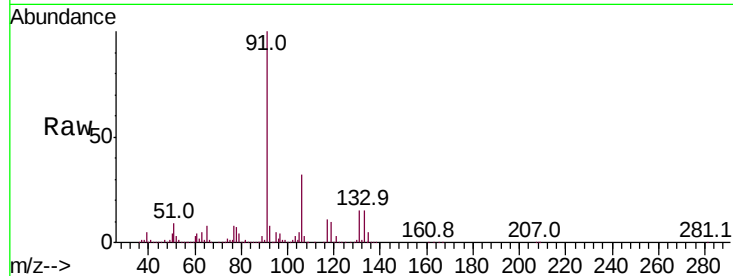




#67
Ethyl Benzene
Concen: 56.386 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

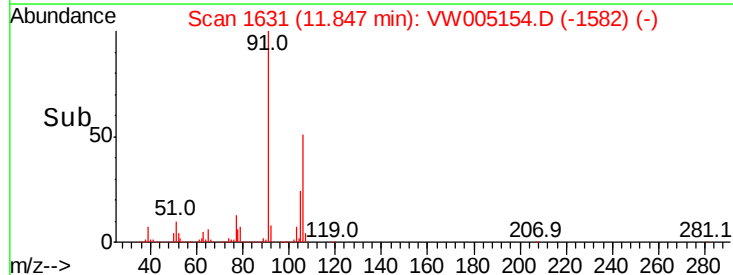
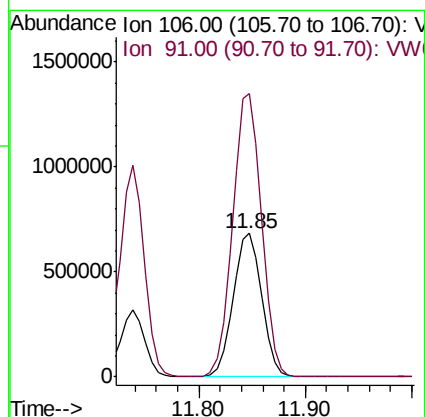
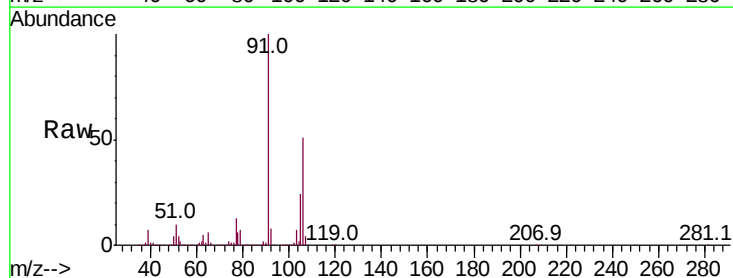
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

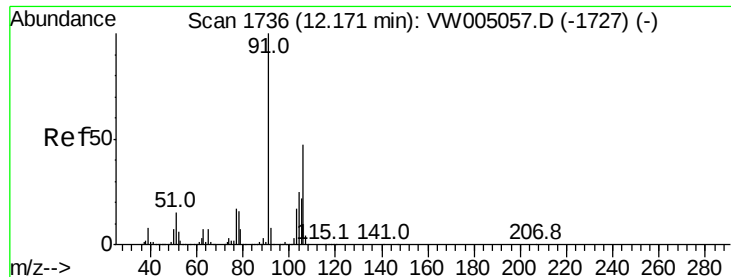
Tot Ion: 91 Resp: 1612012
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 112.272 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 106 Resp: 1285166
Ion Ratio Lower Upper
106 100
91 199.2 158.4 237.6

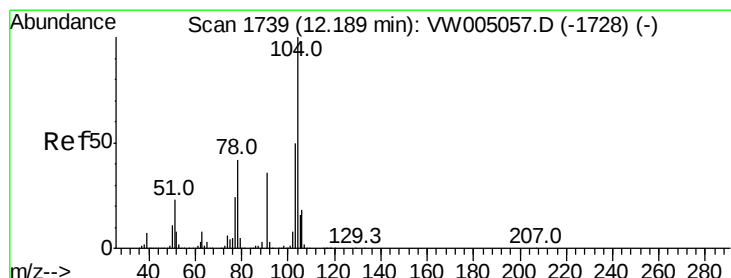
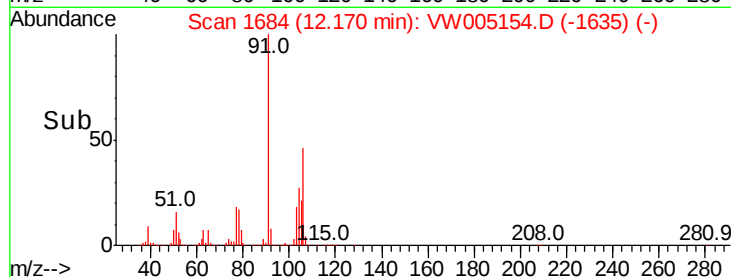
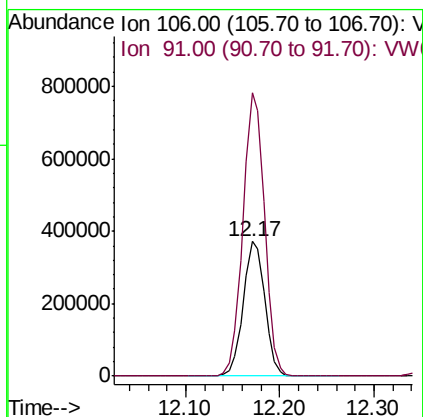
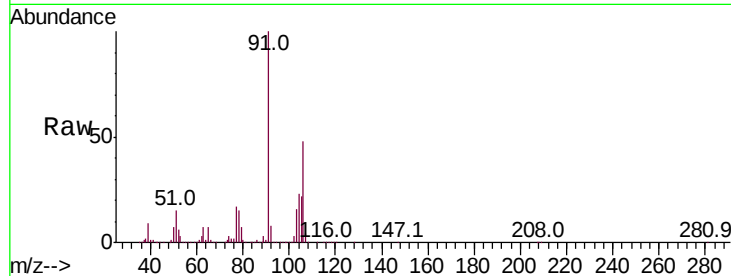




#69
o-Xylene
Concen: 56.163 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

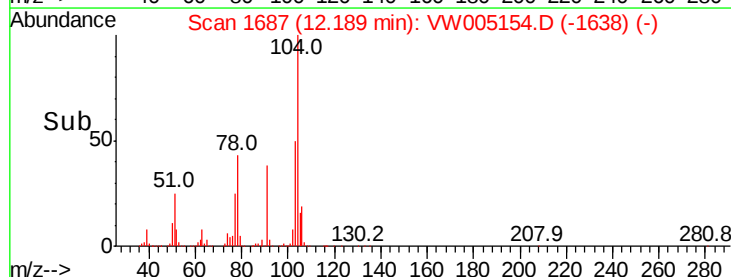
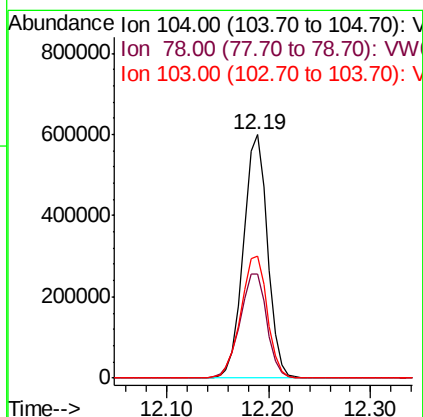
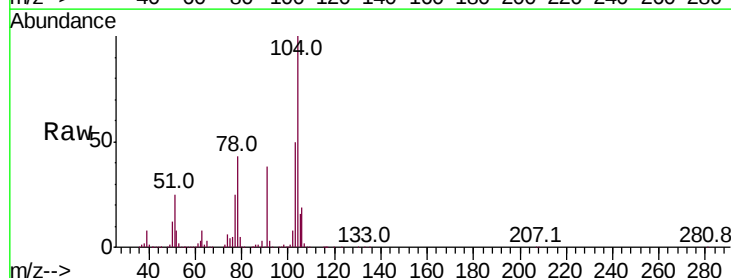
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

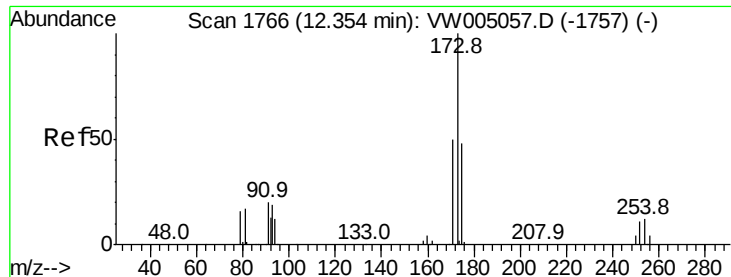
Tot Ion:106 Resp: 594388
Ion Ratio Lower Upper
106 100
91 210.6 105.6 316.8



#70
Styrene
Concen: 56.350 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion:104 Resp: 985127
Ion Ratio Lower Upper
104 100
78 47.7 37.8 56.6
103 55.0 44.1 66.1

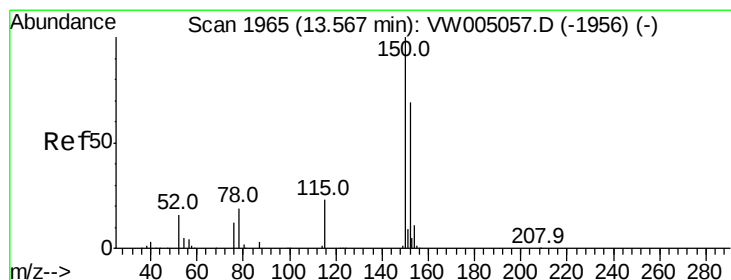
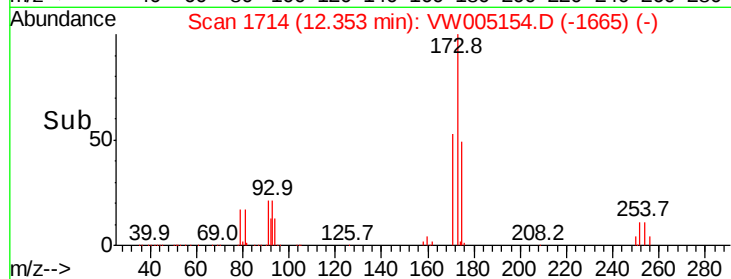
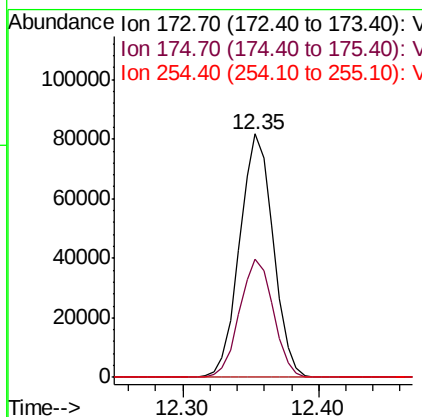
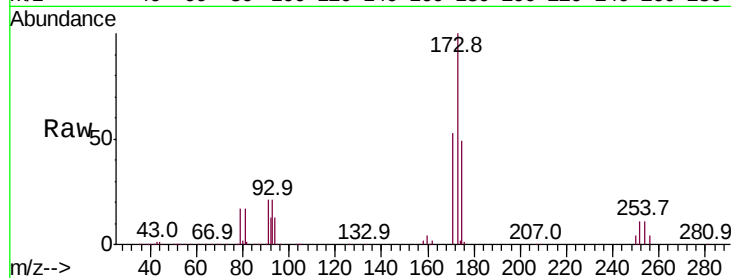




#71
 Bromoform
 Concen: 51.418 ug/l
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

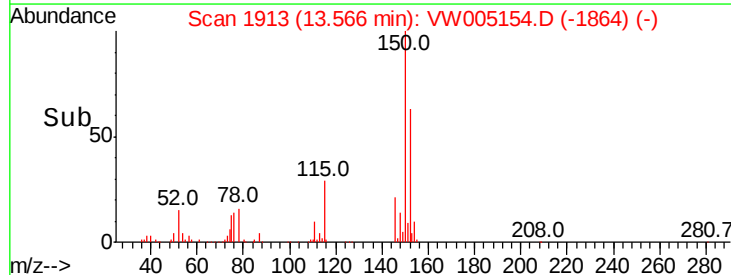
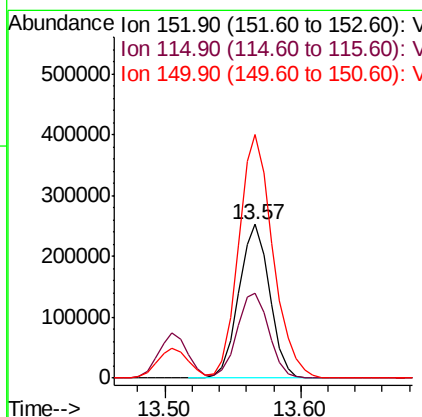
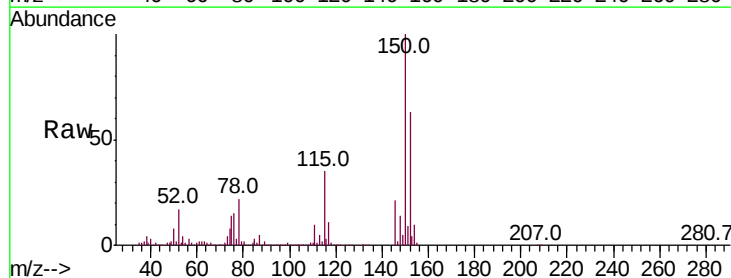
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

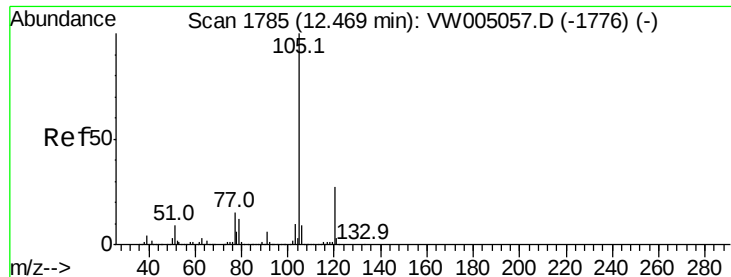
Tot Ion:173 Resp: 140833
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.1 72.2
 254 0.0 0.2 0.2#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion:152 Resp: 399479
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.8 83.4
 150 175.5 0.0 351.4





#73

Isopropylbenzene

Concen: 57.981 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

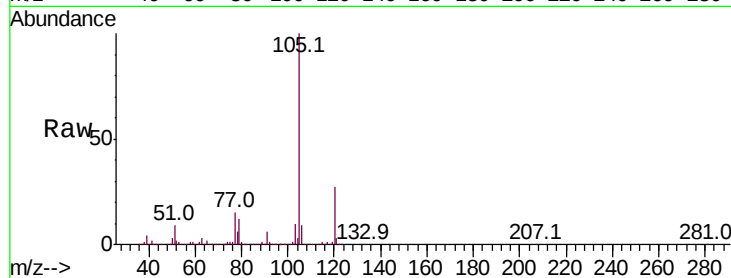
VSTDCCC050

Tot Ion:105 Resp: 1633189

Ion Ratio Lower Upper

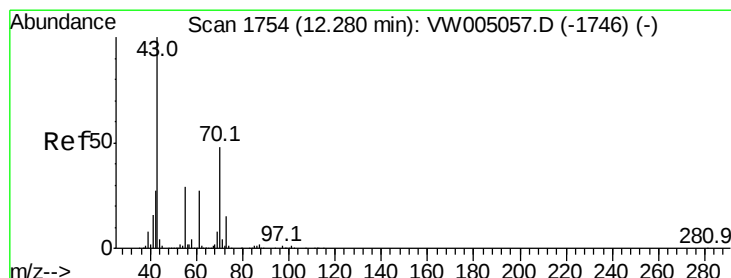
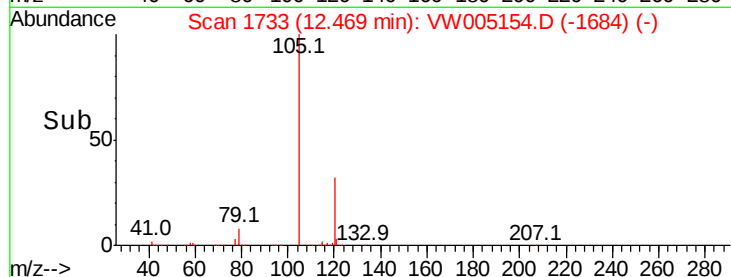
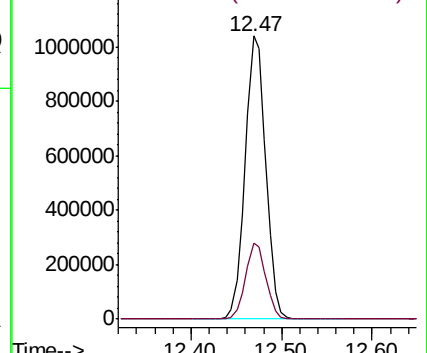
105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 62.830 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion: 43 Resp: 304729

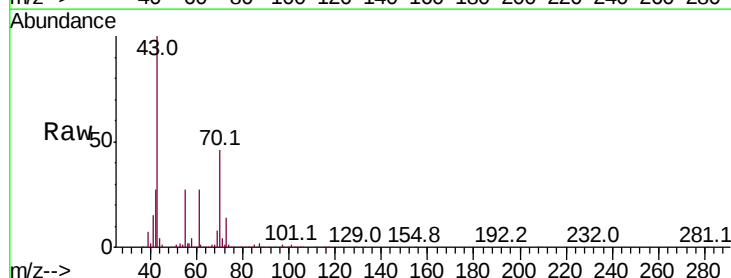
Ion Ratio Lower Upper

43 100

70 45.3 38.2 57.4

55 27.7 23.2 34.8

61 25.6 20.6 31.0

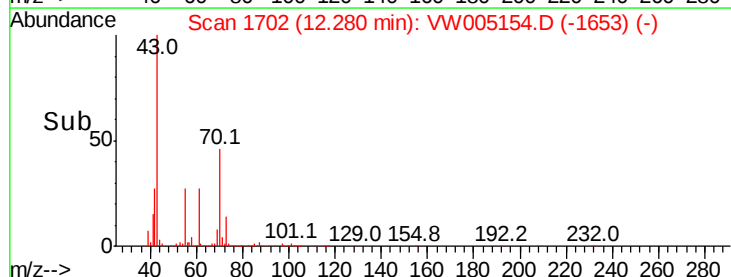
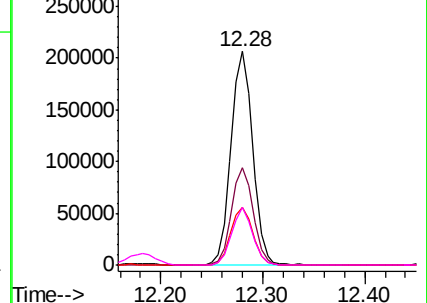


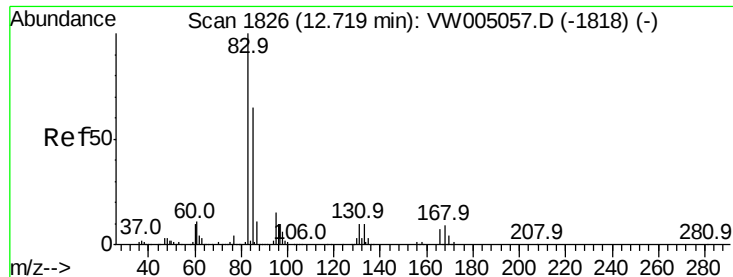
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.860 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

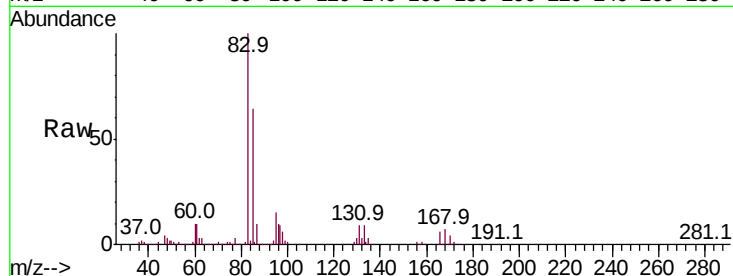
Tot Ion: 83 Resp: 235242

Ion Ratio Lower Upper

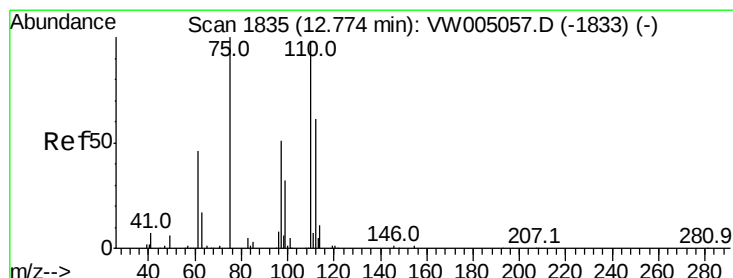
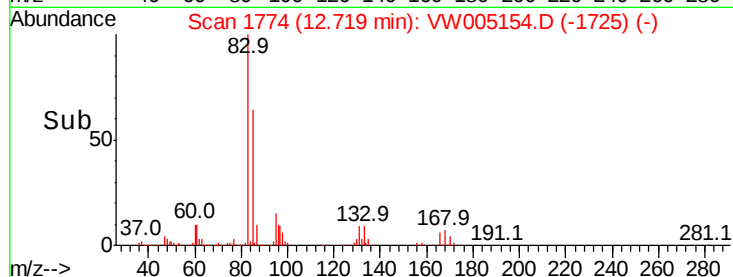
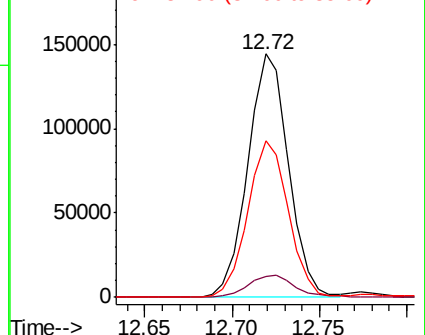
83 100

131 10.3 5.5 16.4

85 64.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 106.824 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005154.D

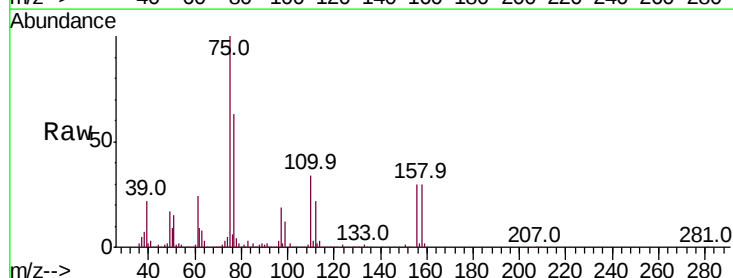
Acq: 06 Sep 2018 10:47

Tgt Ion: 75 Resp: 320320

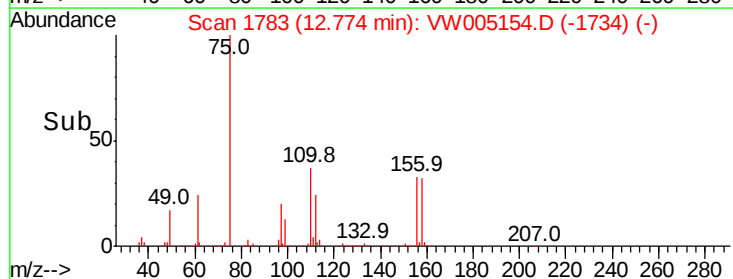
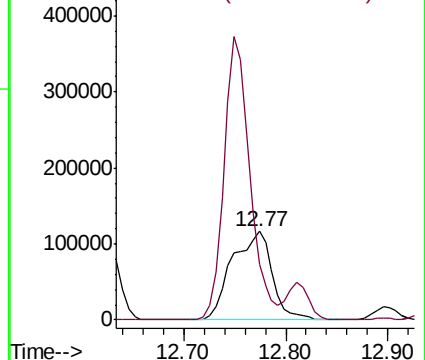
Ion Ratio Lower Upper

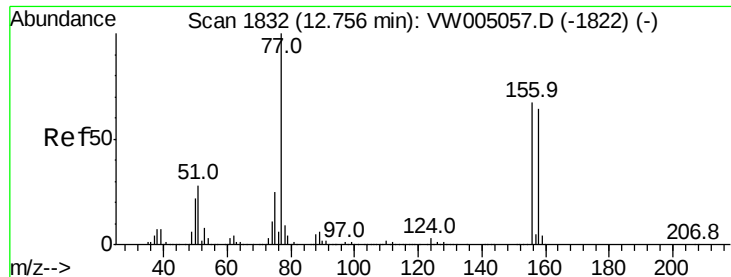
75 100

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: 53.160 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

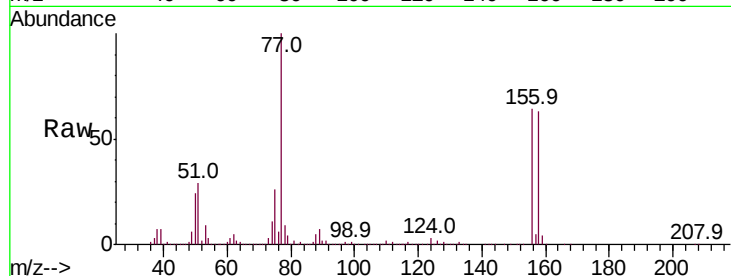
Tot Ion:156 Resp: 368953

Ion Ratio Lower Upper

156 100

77 178.3 85.8 257.4

158 97.6 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

500000

400000

300000

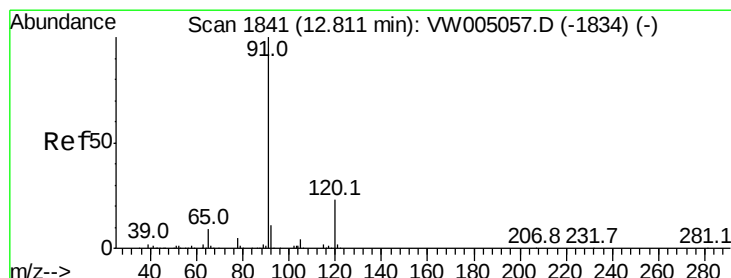
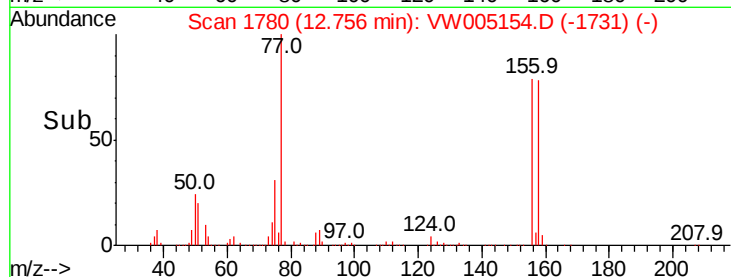
200000

100000

0

12.70 12.76 12.80

Time-->



#78

n-propylbenzene

Concen: 58.775 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005154.D

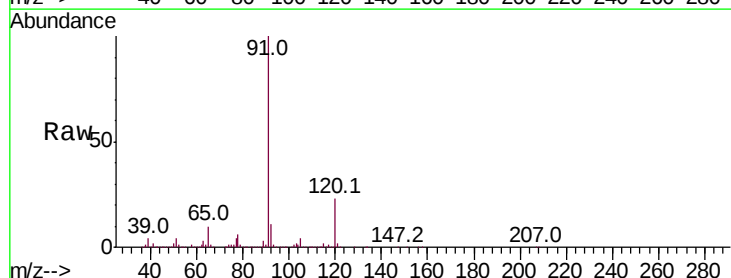
Acq: 06 Sep 2018 10:47

Tgt Ion: 91 Resp: 1998558

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

1500000

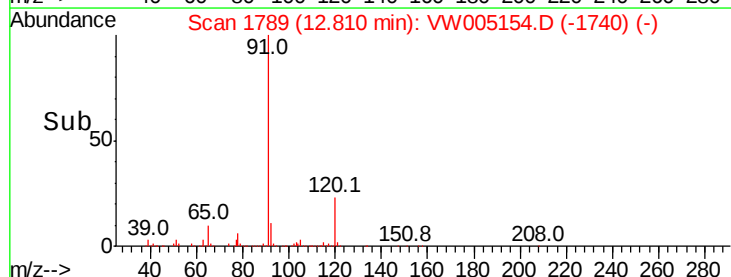
1000000

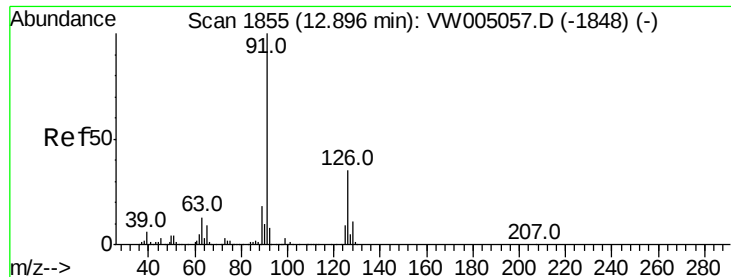
500000

0

12.75 12.80 12.85

Time-->





#79

2-Chlorotoluene

Concen: 56.093 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

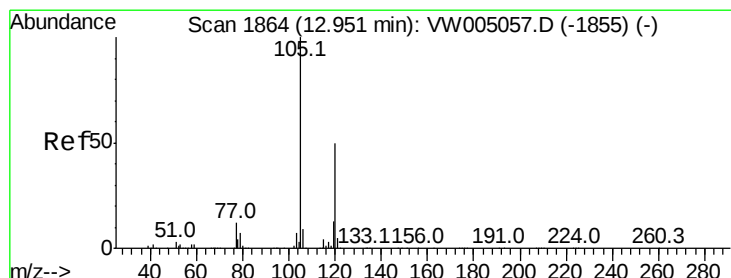
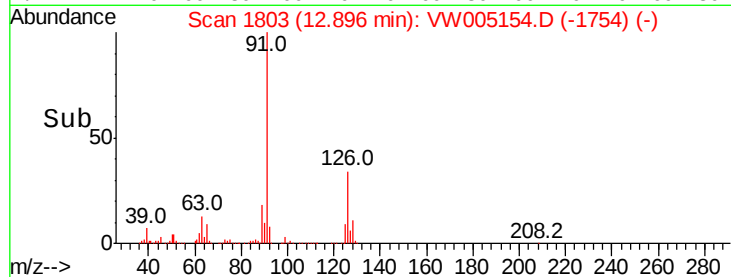
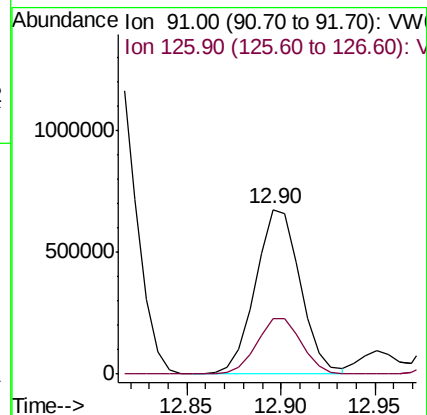
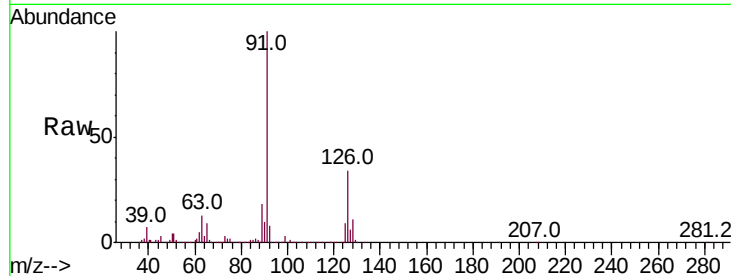
VSTDCCC050

Tot Ion: 91 Resp: 1112786

Ion Ratio Lower Upper

91 100

126 34.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 57.109 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005154.D

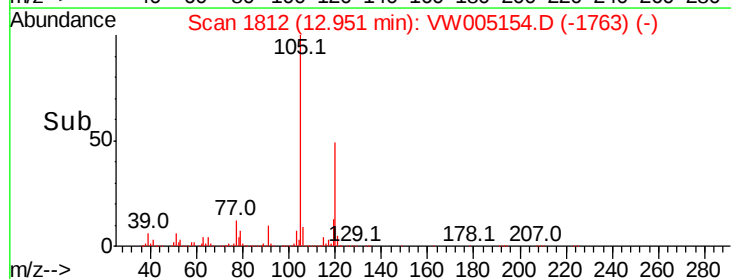
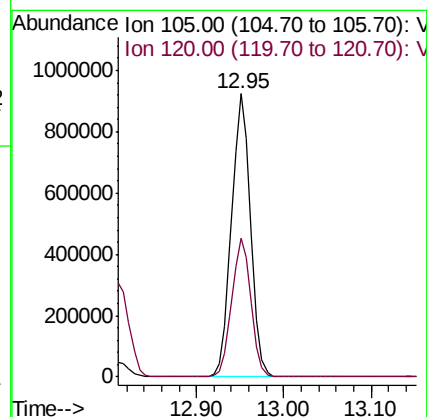
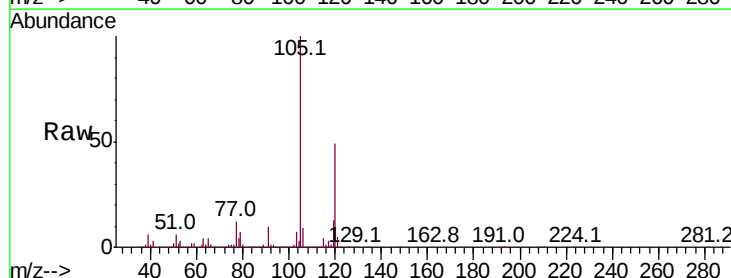
Acq: 06 Sep 2018 10:47

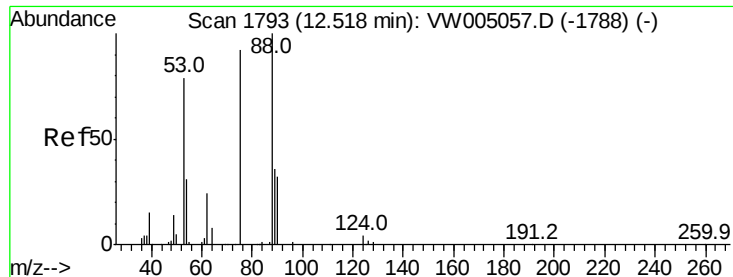
Tgt Ion:105 Resp: 1391112

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 60.724 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

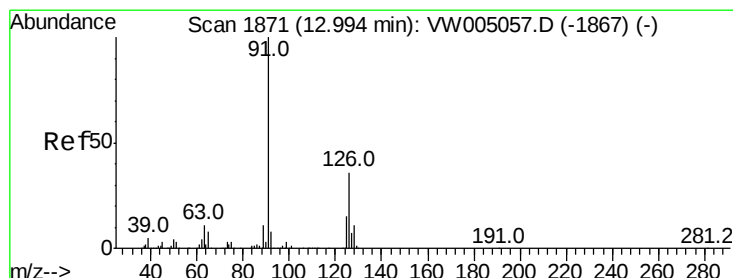
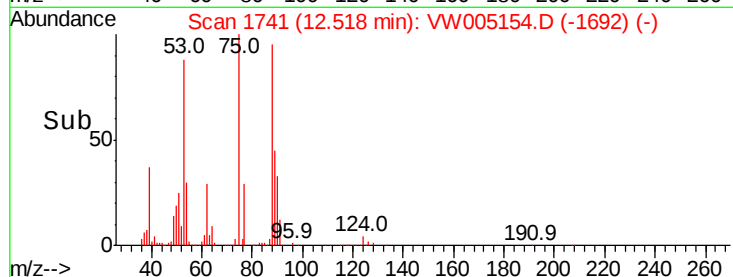
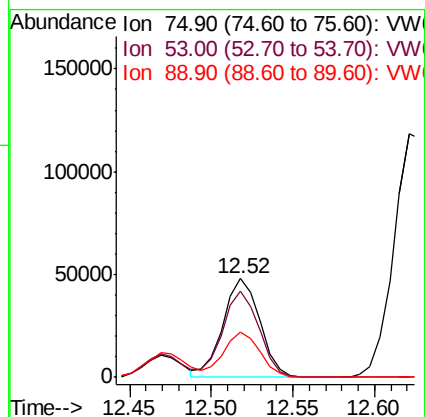
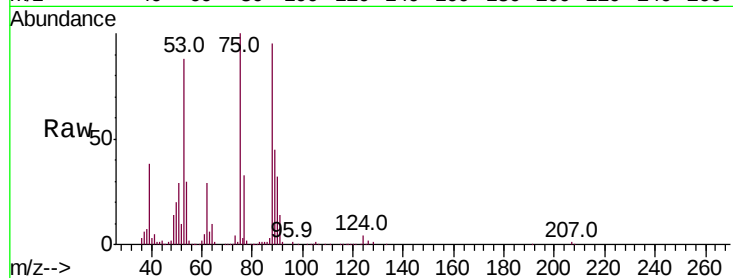
Tot Ion: 75 Resp: 75652

Ion Ratio Lower Upper

75 100

53 86.4 69.8 104.8

89 45.0 36.0 54.0



#82

4-Chlorotoluene

Concen: 55.006 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005154.D

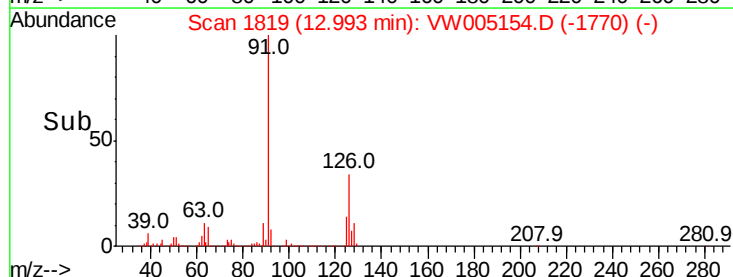
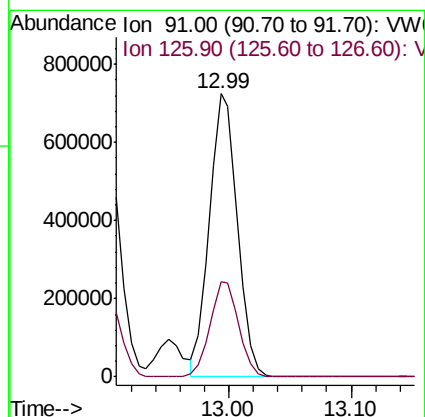
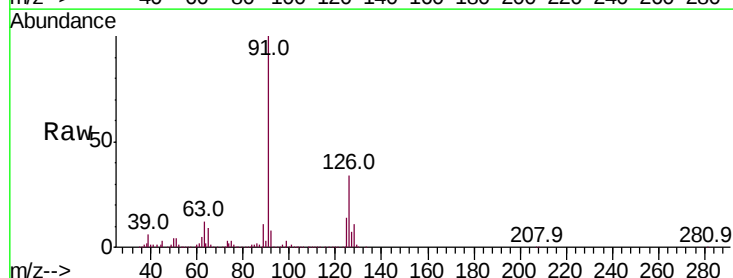
Acq: 06 Sep 2018 10:47

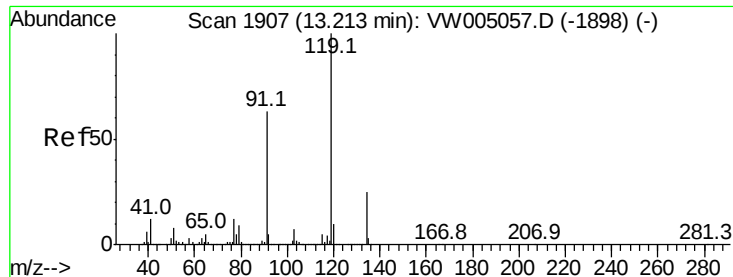
Tgt Ion: 91 Resp: 1152293

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3





#83

tert-Butylbenzene

Concen: 58.150 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

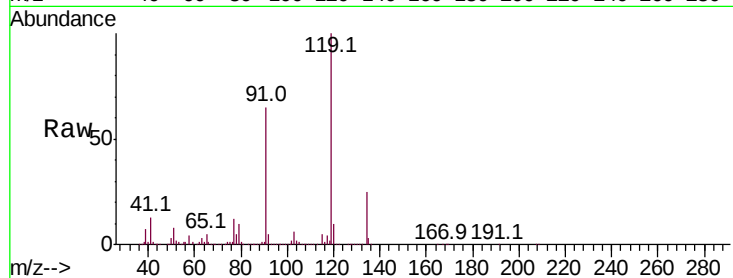
Tot Ion:119 Resp: 1182896

Ion Ratio Lower Upper

119 100

91 64.7 31.8 95.4

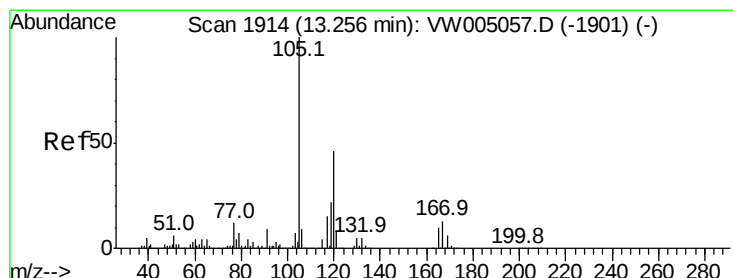
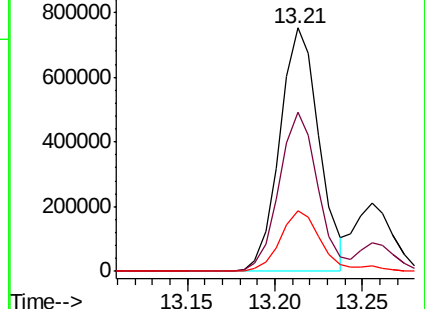
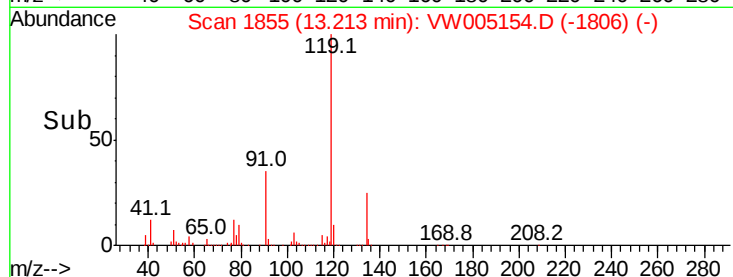
134 26.3 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.377 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005154.D

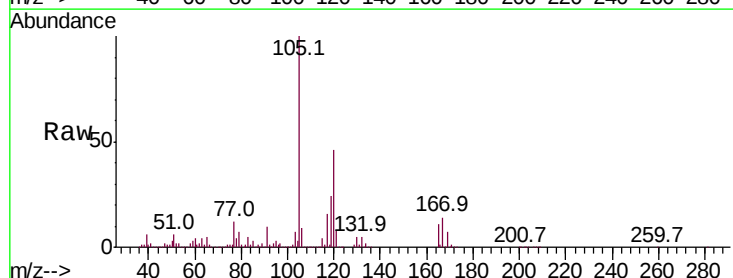
Acq: 06 Sep 2018 10:47

Tgt Ion:105 Resp: 1398584

Ion Ratio Lower Upper

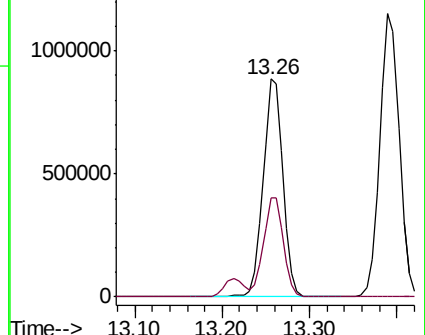
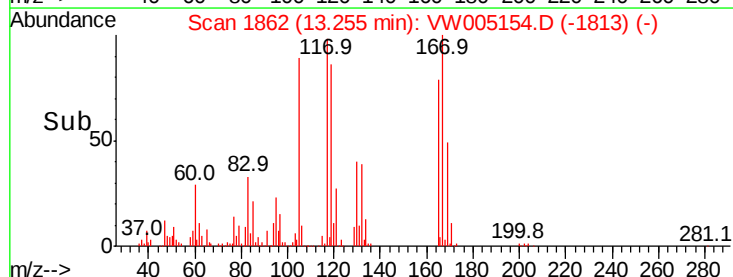
105 100

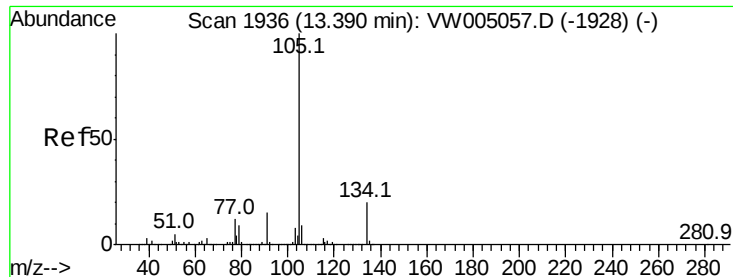
120 45.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

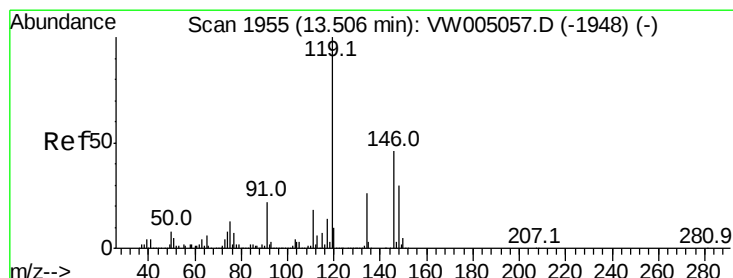
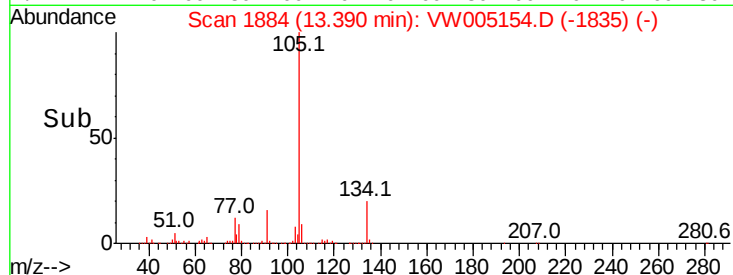
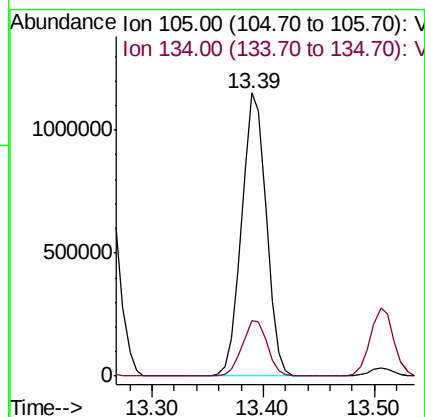
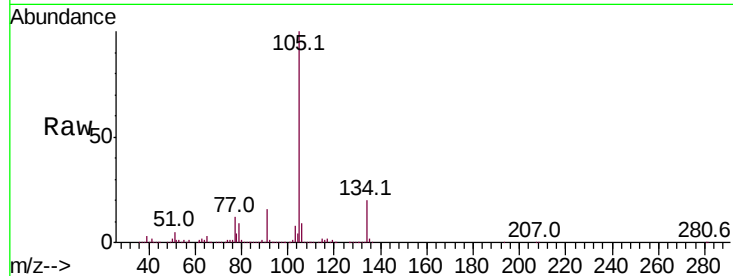




#85
 sec-Butylbenzene
 Concen: 58.921 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

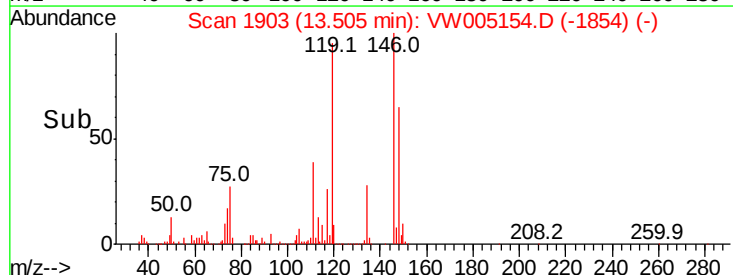
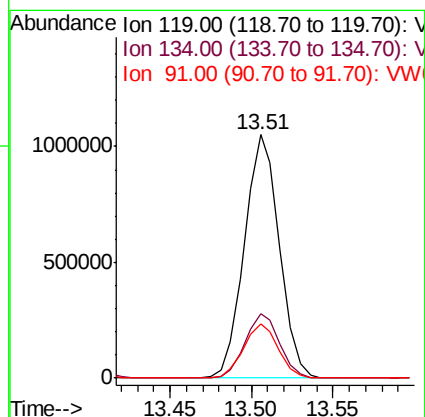
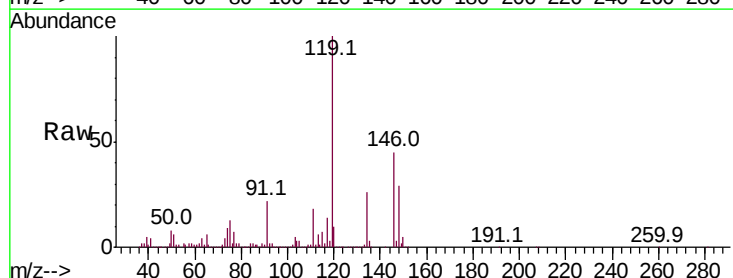
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

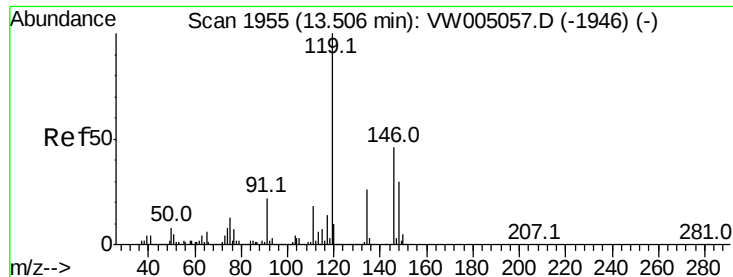
Tot Ion:105 Resp: 1761430
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 58.965 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion:119 Resp: 1560386
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 53.207 ug/l

RT: 13.51 min Scan# 1903

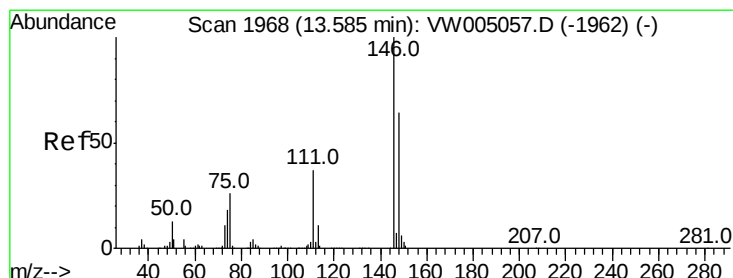
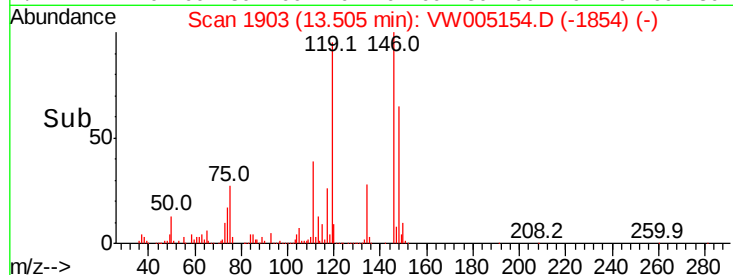
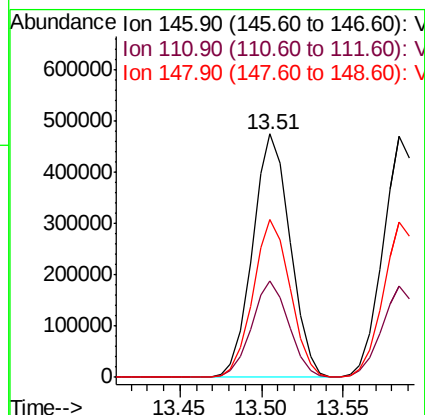
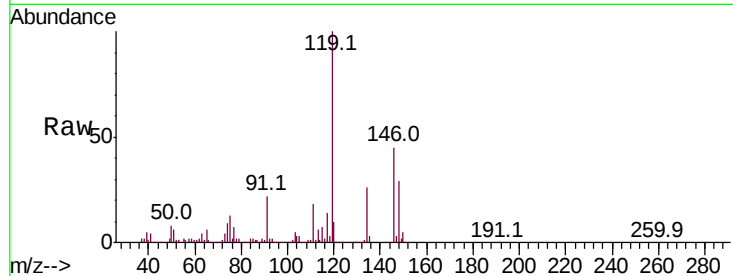
Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	64.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 52.585 ug/l

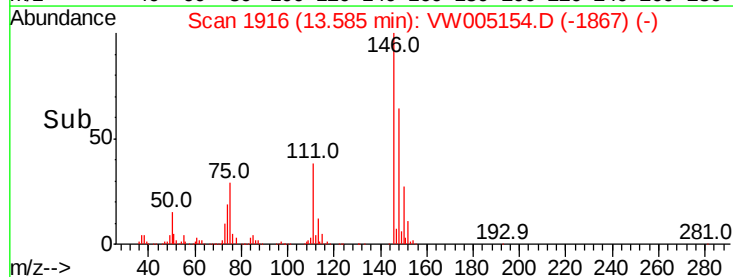
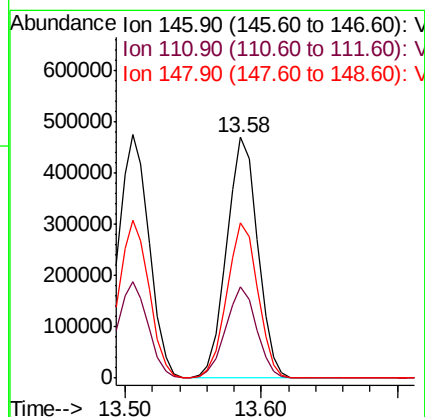
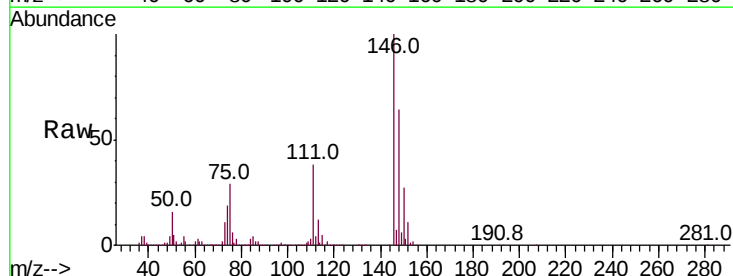
RT: 13.58 min Scan# 1916

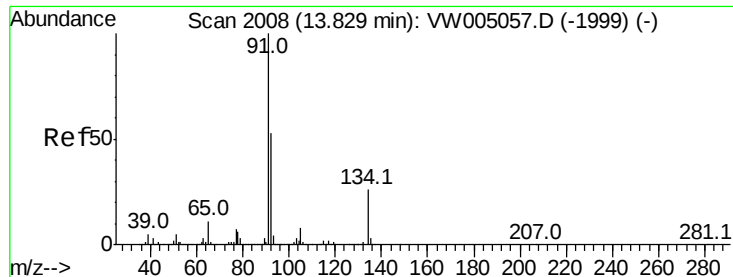
Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.4	32.0	96.0





#89

n-Butylbenzene

Concen: 60.682 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

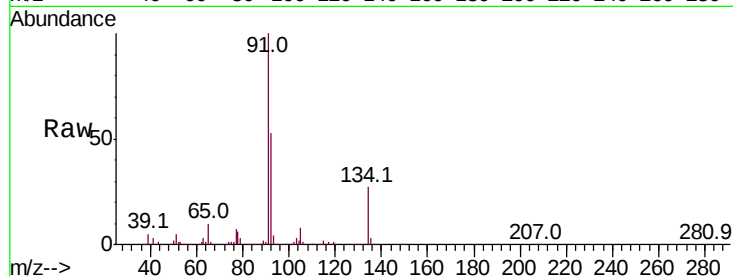
Tot Ion: 91 Resp: 1488239

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	26.2	13.5	40.4

91 100

92 53.2 26.5 79.5

134 26.2 13.5 40.4

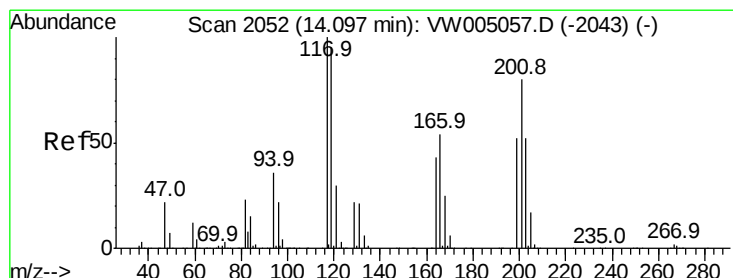
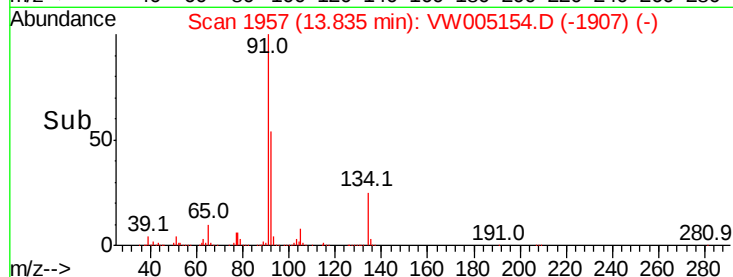
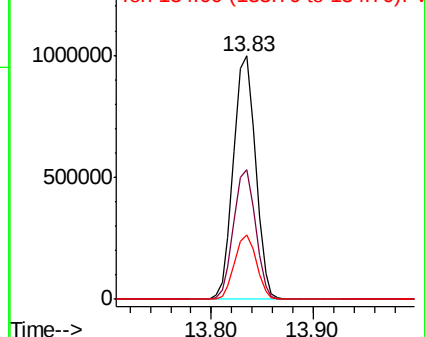


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 55.249 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005154.D

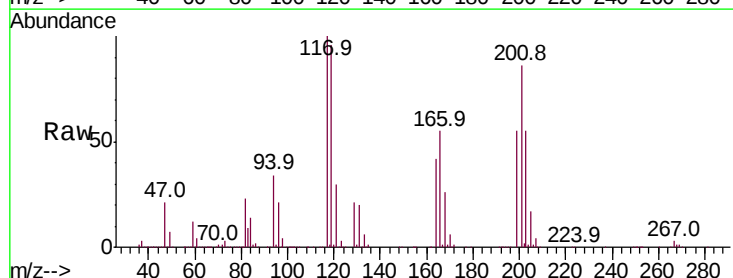
Acq: 06 Sep 2018 10:47

Tgt Ion: 117 Resp: 242855

Ion	Ratio	Lower	Upper
117	100		
201	85.5	44.6	133.8

117 100

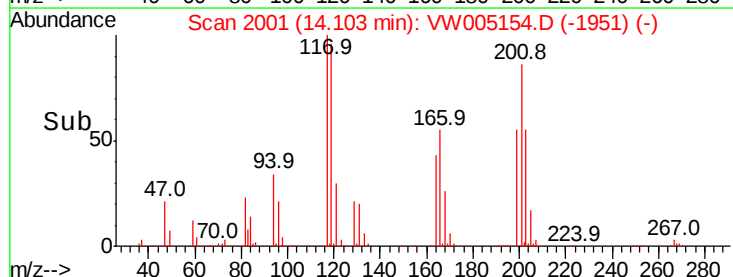
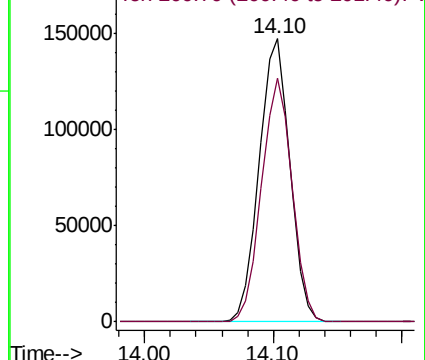
201 85.5 44.6 133.8

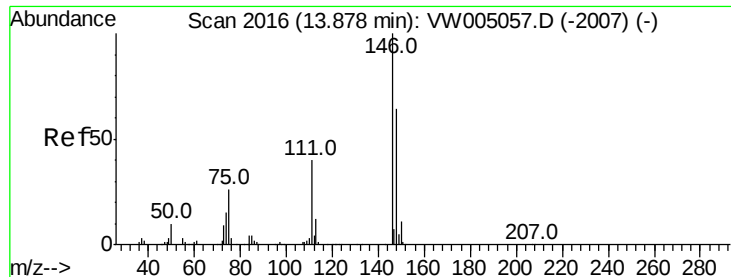


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

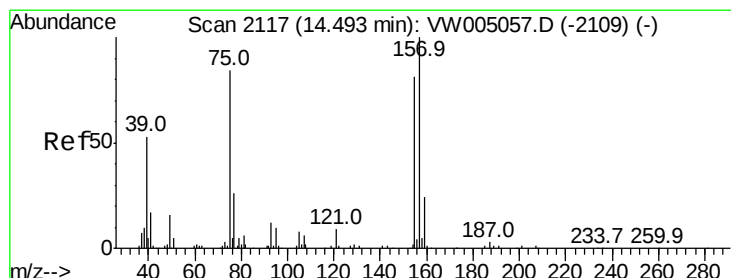
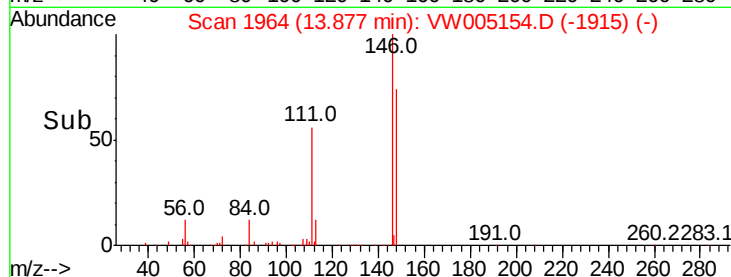
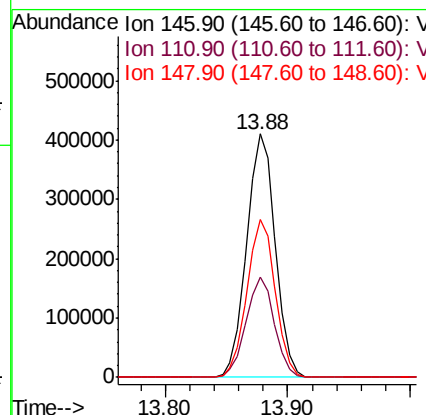
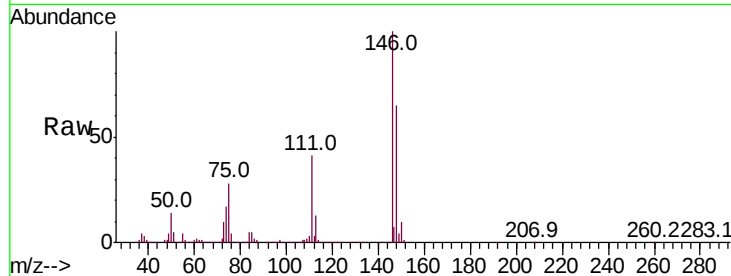




#91
 1,2-Dichlorobenzene
 Concen: 53.603 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

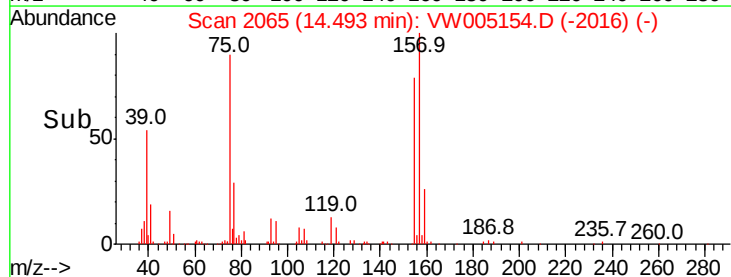
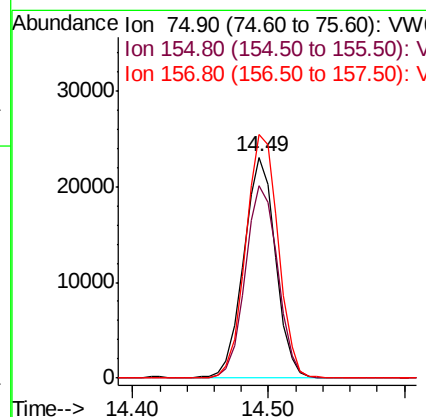
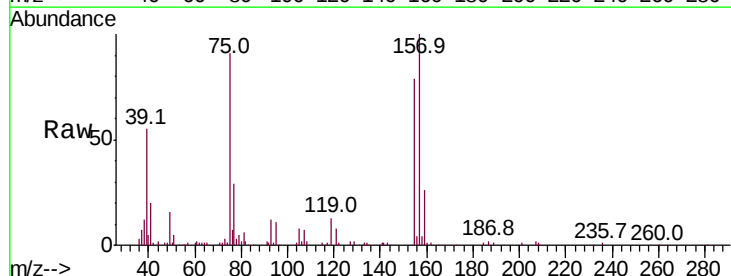
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

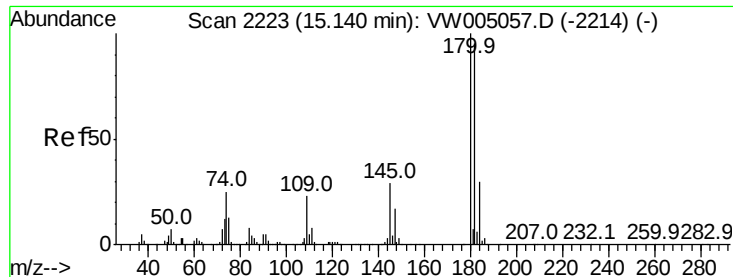
Tot Ion:146 Resp: 666079
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 64.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.336 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion: 75 Resp: 37750
 Ion Ratio Lower Upper
 75 100
 155 88.6 46.0 137.8
 157 112.7 58.6 175.7

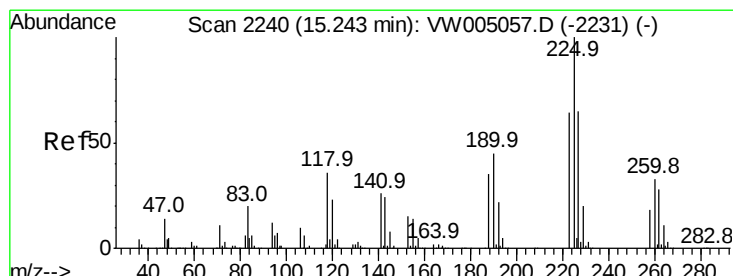
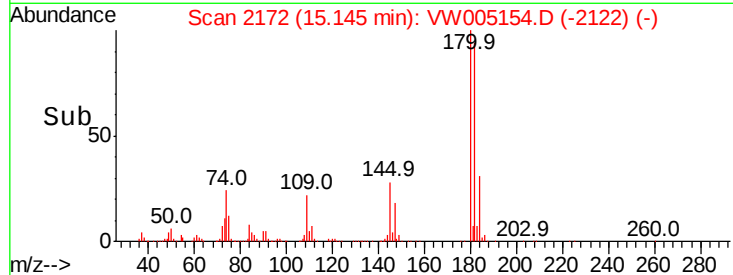
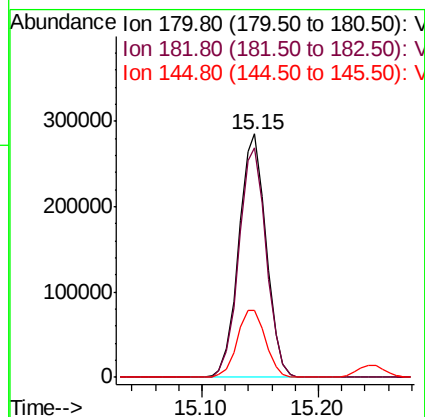
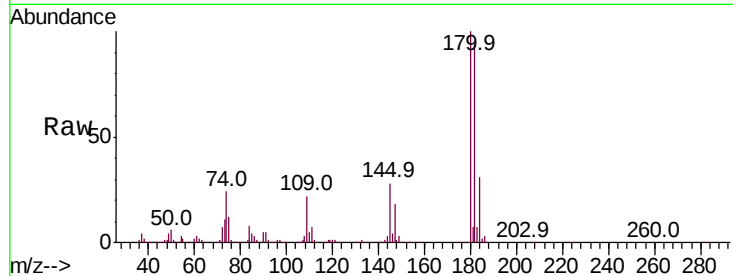




#93
 1,2,4-Trichlorobenzene
 Concen: 55.908 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

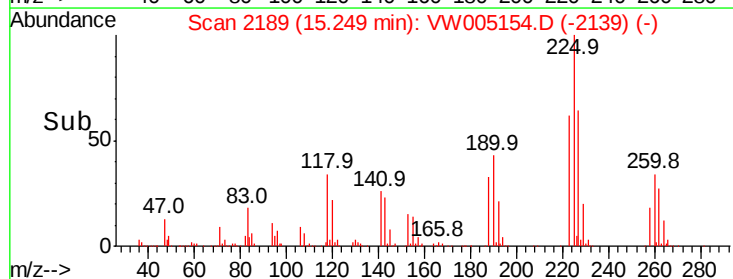
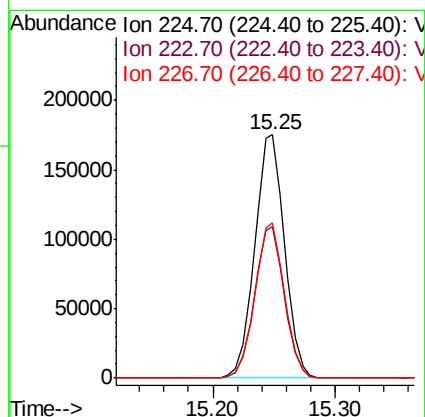
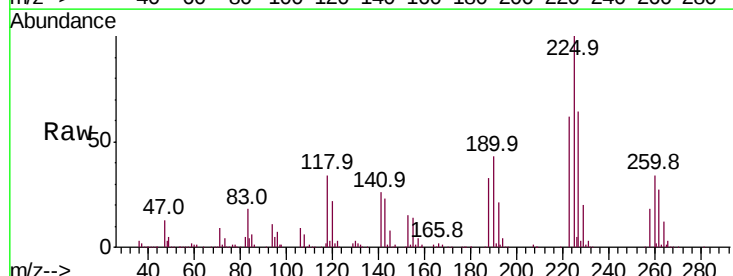
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

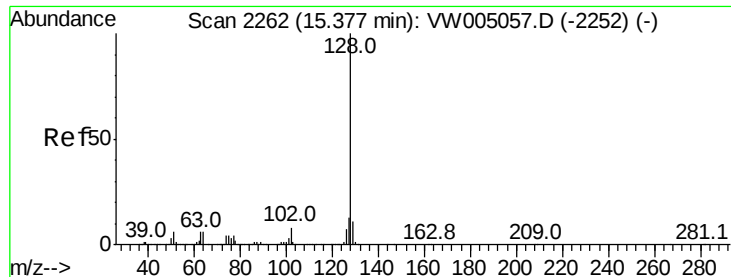
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	28.7	14.4	43.2



#94
 Hexachlorobutadiene
 Concen: 57.162 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.3
227	63.0	32.0	96.0

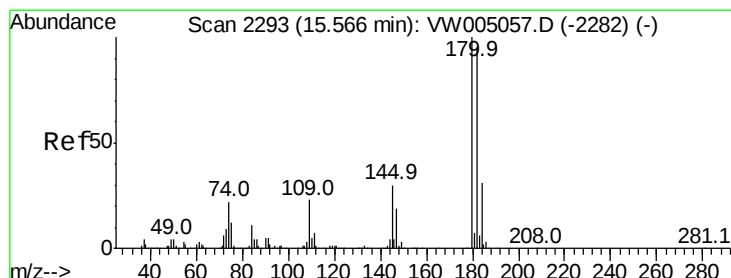
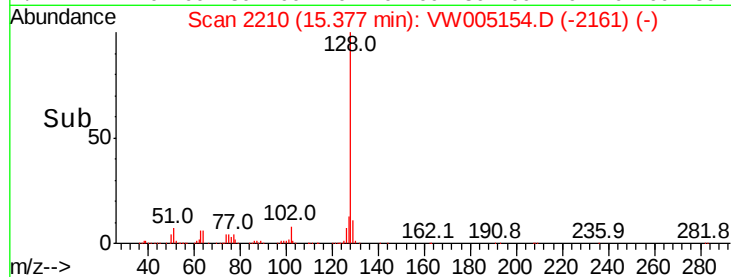
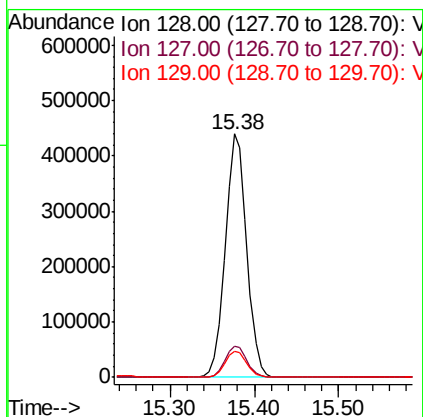
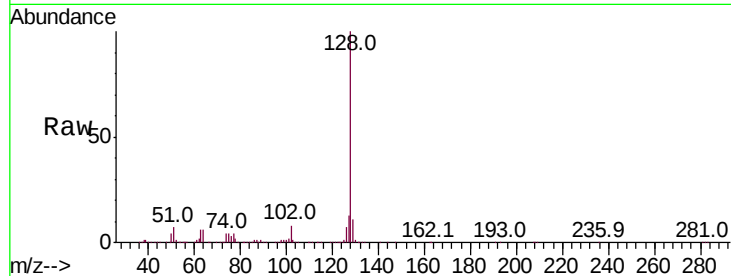




#95
Naphthalene
Concen: 52.690 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 762259
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.871 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion:180 Resp: 398391
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.3
145 31.0 15.4 46.1

