

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000940.D
 Acq On : 24 Jan 2018 10:20
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 15:08:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	362601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	331751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176883	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	124594	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
35) Dibromofluoromethane	7.88	113	113137	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	10.33	98	459354	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.63	95	161130	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	130979	50.673	ug/l	99
3) Chloromethane	2.21	50	111491	48.807	ug/l	100
4) Vinyl Chloride	2.35	62	106792	50.261	ug/l	99
5) Bromomethane	2.75	94	80968	60.592	ug/l	97
6) Chloroethane	2.91	64	60083	50.888	ug/l	99
7) Trichlorofluoromethane	3.26	101	198606	50.762	ug/l	96
8) Diethyl Ether	3.68	74	47051	48.012	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	118271	46.793	ug/l	99
10) Methyl Iodide	4.26	142	116335	44.057	ug/l	99
11) Tert butyl alcohol	5.18	59	71273	255.782	ug/l	99
12) 1,1-Dichloroethene	4.03	96	99848	45.963	ug/l	95
13) Acrolein	3.89	56	52819	194.147	ug/l	98
14) Allyl chloride	4.67	41	166639	49.229	ug/l	99
15) Acrylonitrile	5.37	53	175203	228.873	ug/l	99
16) Acetone	4.13	43	210506	202.462	ug/l	99
17) Carbon Disulfide	4.37	76	374749	52.229	ug/l	99
18) Methyl Acetate	4.67	43	78859	41.724	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	271379	48.628	ug/l	94
20) Methylene Chloride	4.91	84	118288	51.179	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	128366	50.855	ug/l	95
22) Diisopropyl ether	6.32	45	312518	51.569	ug/l	99
23) Vinyl Acetate	6.26	43	913334	242.548	ug/l	97
24) 1,1-Dichloroethane	6.21	63	205354	50.624	ug/l	99
25) 2-Butanone	7.18	43	254483	223.868	ug/l	99
26) 2,2-Dichloropropane	7.17	77	203379	49.528	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	129624	49.690	ug/l	98
28) Bromochloromethane	7.51	49	82455	48.391	ug/l	100
29) Tetrahydrofuran	7.53	42	142015	227.061	ug/l	99
30) Chloroform	7.68	83	216991	49.595	ug/l	99
31) Cyclohexane	7.95	56	198868	47.488	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	214016	50.617	ug/l	98
36) 1,1-Dichloropropene	8.08	75	181149	52.360	ug/l	99
37) Ethyl Acetate	7.26	43	91636	46.923	ug/l	98
38) Carbon Tetrachloride	8.07	117	198301	51.956	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217617	52.221	ug/l	95
40) Benzene	8.32	78	485051	51.560	ug/l	99
41) Methacrylonitrile	7.49	41	55031	50.206	ug/l	95
42) 1,2-Dichloroethane	8.40	62	146764	50.631	ug/l	99
43) Isopropyl Acetate	8.43	43	155290	46.907	ug/l	99
44) Trichloroethene	9.09	130	142080	50.829	ug/l	99
45) 1,2-Dichloropropane	9.37	63	113594	51.757	ug/l	99
46) Dibromomethane	9.46	93	69533	49.590	ug/l	99
47) Bromodichloromethane	9.65	83	158382	51.070	ug/l	99
48) Methyl methacrylate	9.44	41	76289	47.980	ug/l	99
49) 1,4-Dioxane	9.45	88	27816	907.577	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	446920	234.607	ug/l	99
52) Toluene	10.40	92	310038	52.170	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	159984	50.921	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	178421	51.621	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	98919	50.520	ug/l	99
56) Ethyl methacrylate	10.66	69	117806	45.175	ug/l	99
57) 1,3-Dichloropropane	10.94	76	161215	50.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	339428	229.833	ug/l	100
59) 2-Hexanone	10.98	43	353318	213.266	ug/l	100
60) Dibromochloromethane	11.14	129	120282	50.861	ug/l	100
61) 1,2-Dibromoethane	11.24	107	99303	48.678	ug/l	100
64) Tetrachloroethene	10.87	164	136883	49.714	ug/l	97
65) Chlorobenzene	11.67	112	346917	50.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	126009	51.557	ug/l	99
67) Ethyl Benzene	11.74	91	603741	52.511	ug/l	100
68) m/p-Xylenes	11.85	106	474810	106.248	ug/l	99
69) o-Xylene	12.18	106	215336	52.545	ug/l	99
70) Styrene	12.19	104	356788	53.408	ug/l	99
71) Bromoform	12.37	173	82296	49.631	ug/l #	99
73) Isopropylbenzene	12.48	105	610150	53.383	ug/l	99
74) N-amyl acetate	12.29	43	136172	49.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	122352	50.086	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	166175	81.187	ug/l #	100
77) Bromobenzene	12.76	156	150713	51.830	ug/l	98
78) n-propylbenzene	12.82	91	739368	53.619	ug/l	99
79) 2-Chlorotoluene	12.91	91	412356	53.009	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	519004	53.377	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	33401	41.757	ug/l	95
82) 4-Chlorotoluene	13.01	91	439301	53.156	ug/l	100
83) tert-Butylbenzene	13.22	119	451448	52.986	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	532976	54.203	ug/l	100
85) sec-Butylbenzene	13.40	105	643293	52.323	ug/l	100
86) p-Isopropyltoluene	13.52	119	585209	53.664	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	298951	51.831	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	298563	51.767	ug/l	99
89) n-Butylbenzene	13.84	91	545475	53.249	ug/l	100
90) Hexachloroethane	14.12	117	104507	51.556	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	266687	51.332	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25481	47.264	ug/l	99

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Response via : Initial Calibration

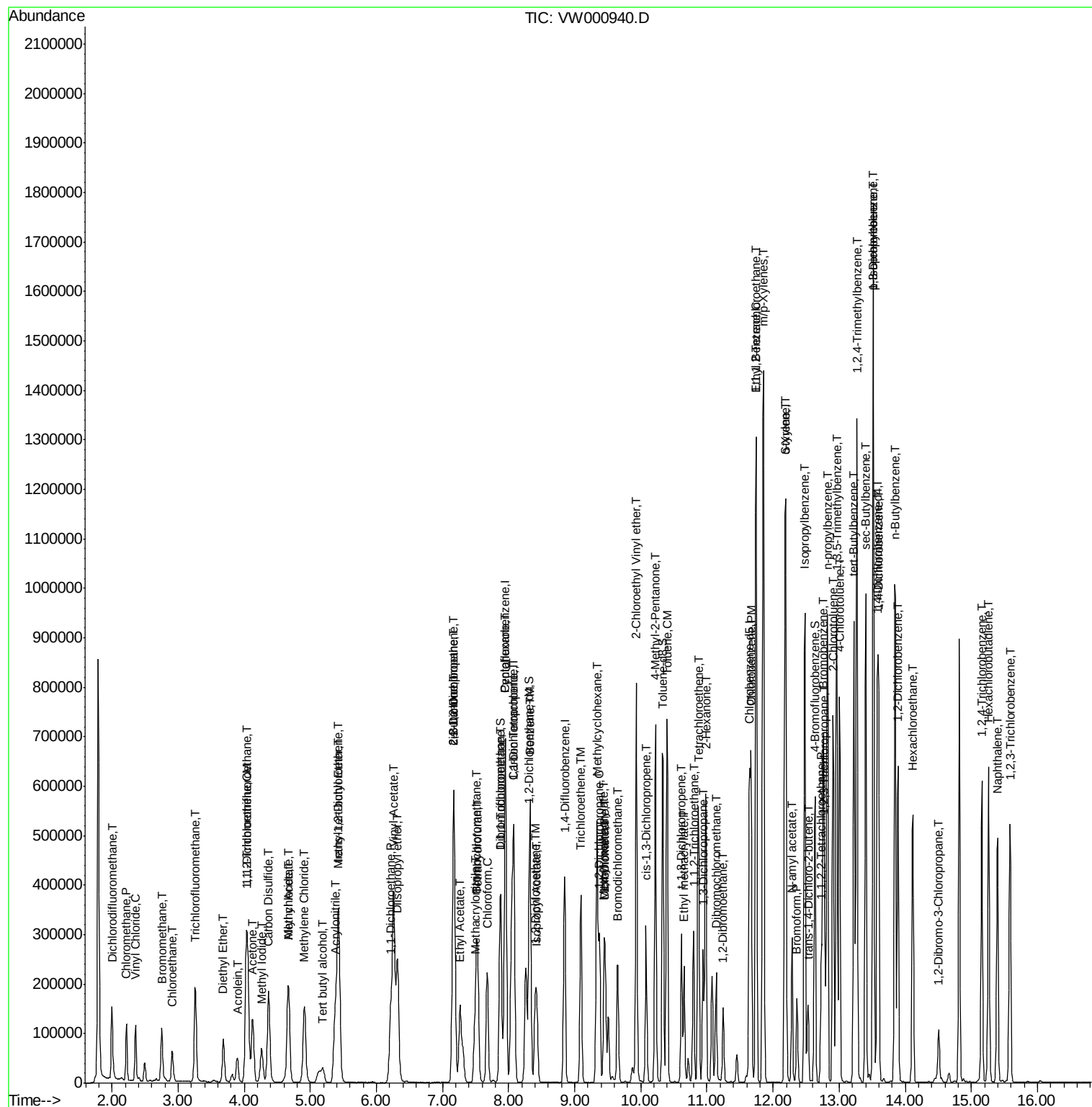
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	201934	52.151	ug/l	100
94) Hexachlorobutadiene	15.26	225	126406	51.499	ug/l	99
95) Naphthalene	15.40	128	432098	52.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	187139	52.539	ug/l	99

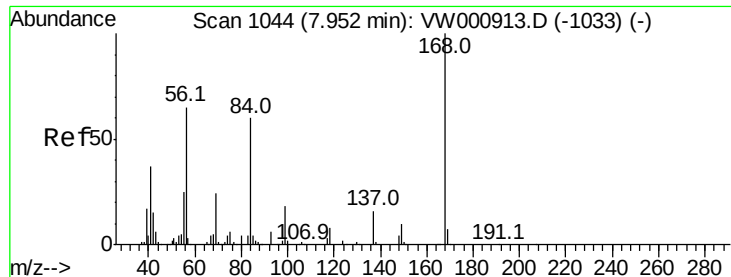
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

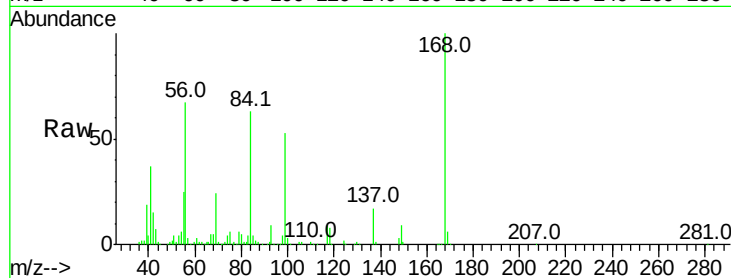
ClientSampleId :

Tot Ion:168 Resp: 268079

Ion Ratio Lower Upper

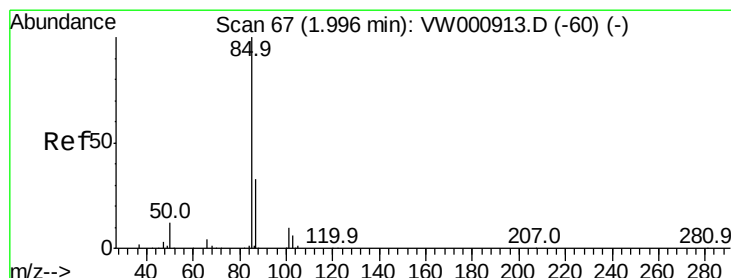
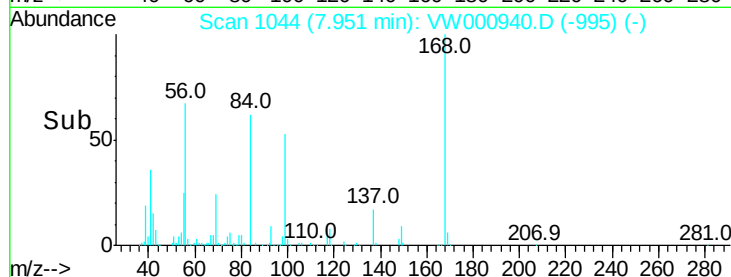
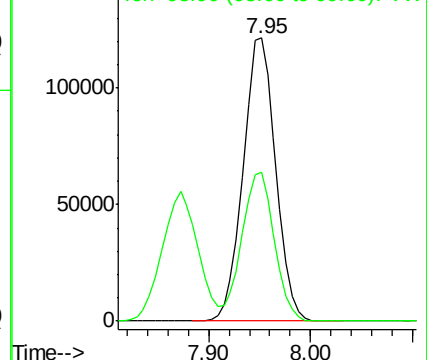
168 100

99 52.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 50.673 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.01 min

Lab File: VW000940.D

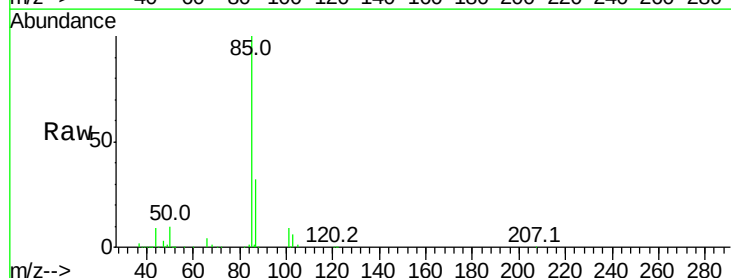
Acq: 24 Jan 2018 10:20

Tgt Ion: 85 Resp: 130979

Ion Ratio Lower Upper

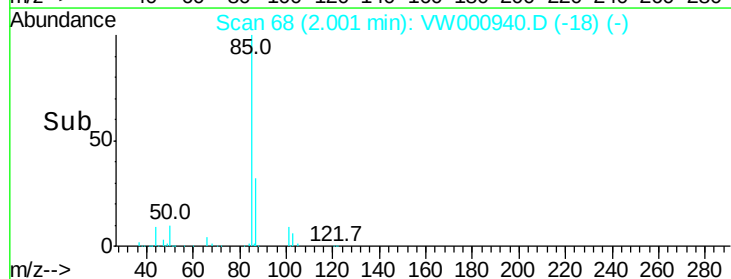
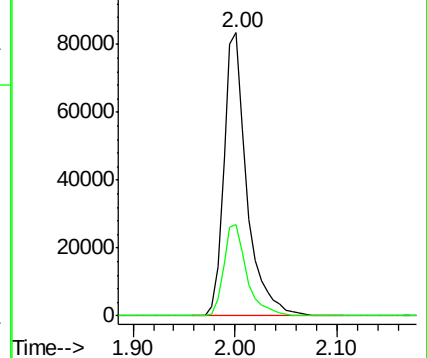
85 100

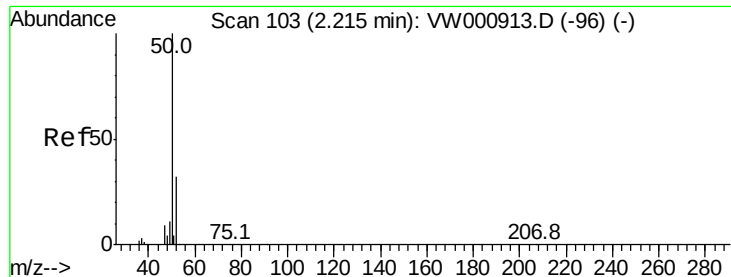
87 32.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.807 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

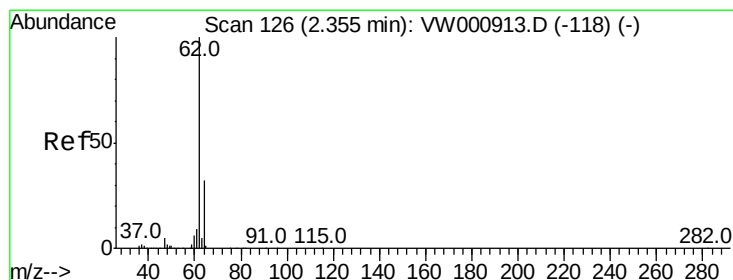
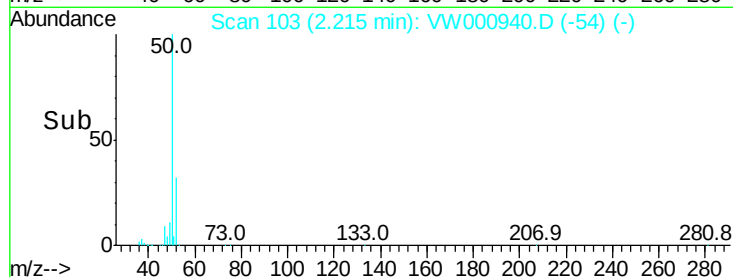
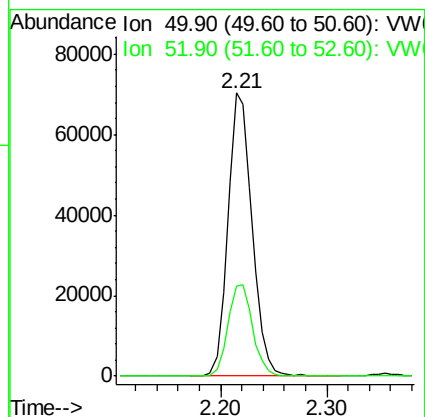
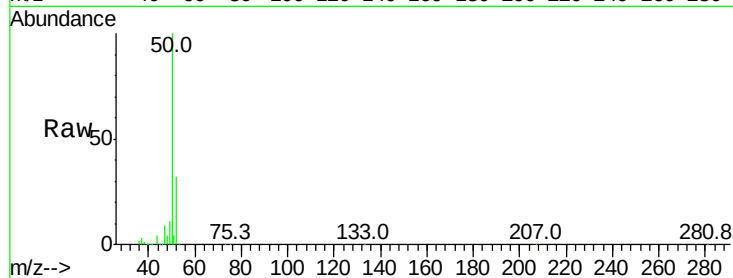
ClientSampleId :

Tot Ion: 50 Resp: 111491

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 50.261 ug/l

RT: 2.35 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW000940.D

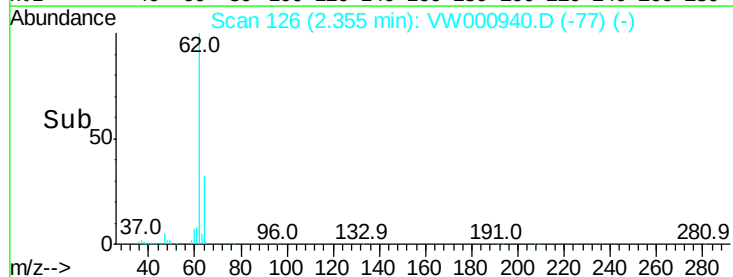
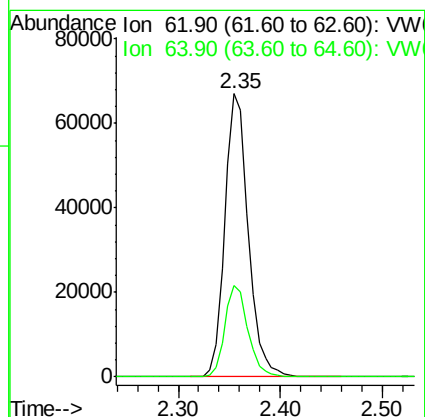
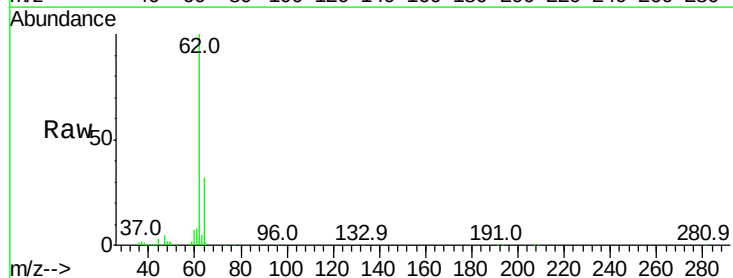
Acq: 24 Jan 2018 10:20

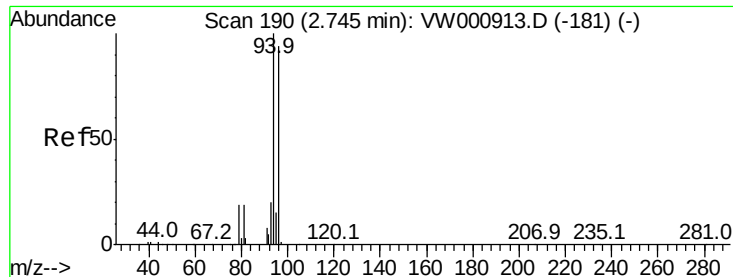
Tgt Ion: 62 Resp: 106792

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 60.592 ug/l

RT: 2.75 min Scan# 191

Delta R.T. 0.01 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

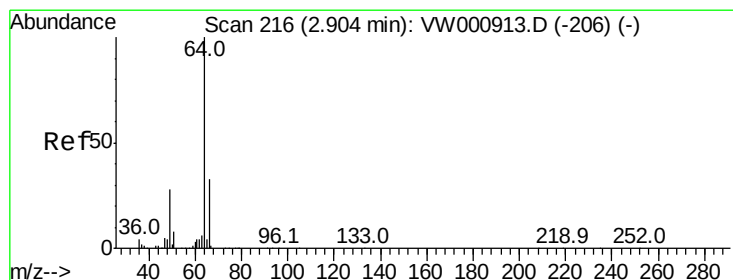
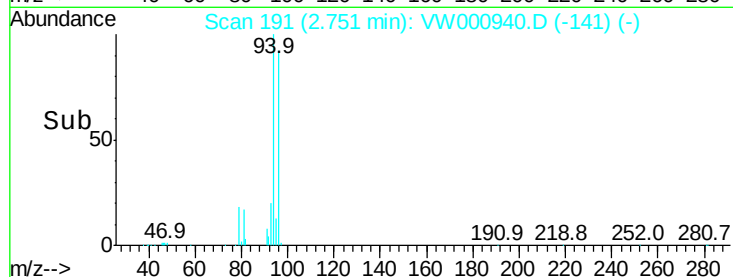
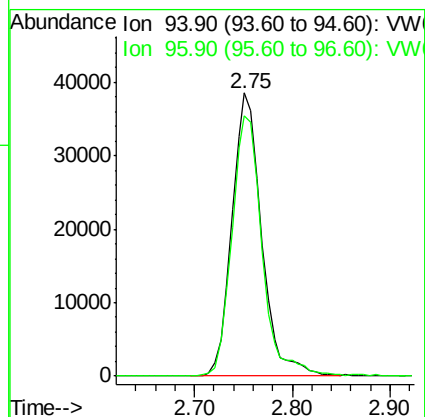
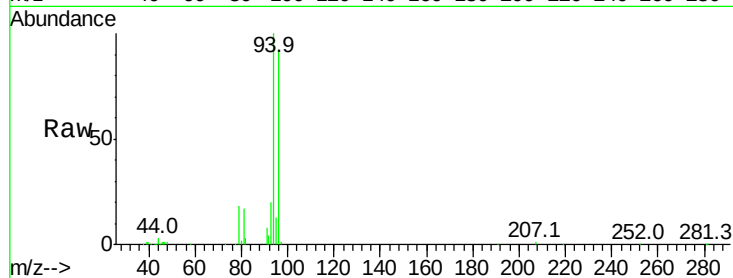
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 80968

Ion Ratio Lower Upper

94 100

96 91.8 75.5 113.3



#6

Chloroethane

Concen: 50.888 ug/l

RT: 2.91 min Scan# 217

Delta R.T. 0.01 min

Lab File: VW000940.D

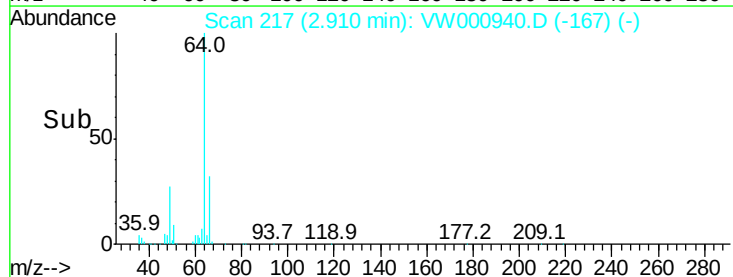
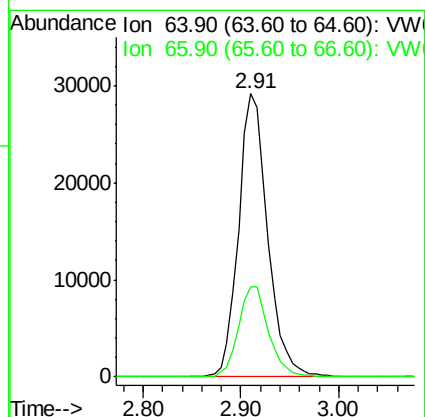
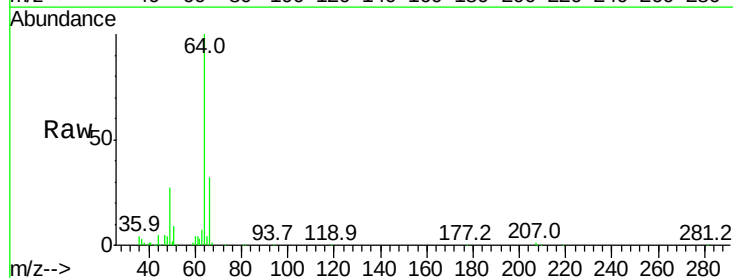
Acq: 24 Jan 2018 10:20

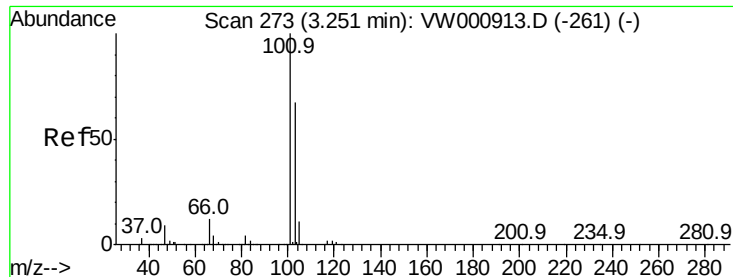
Tgt Ion: 64 Resp: 60083

Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1



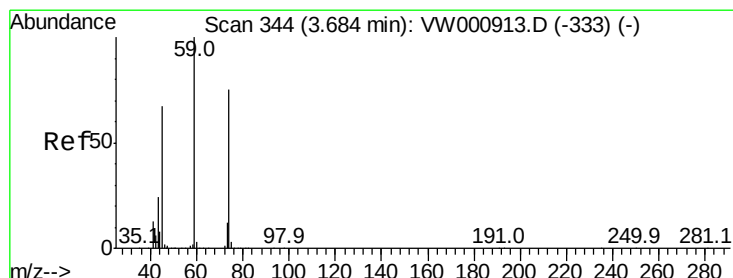
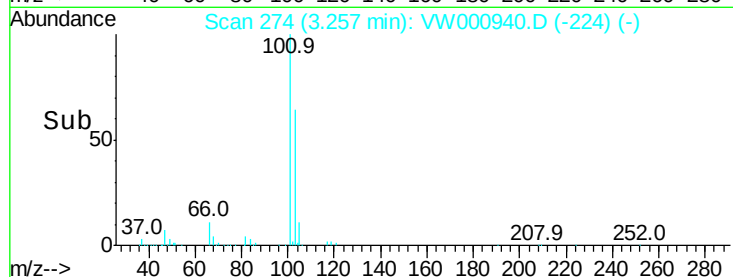
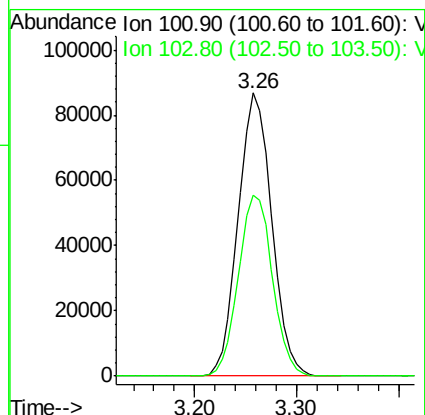
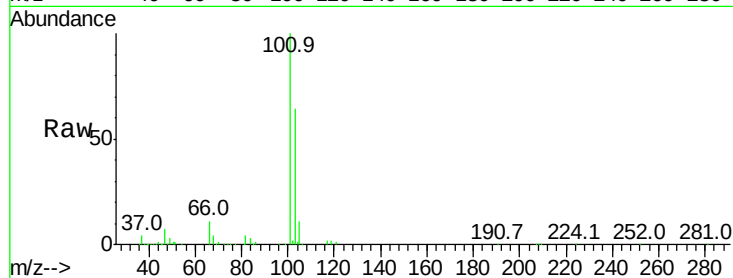


#7

Trichlorofluoromethane
Concen: 50.762 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Instrument :
MSVOA_W
ClientSampleId :

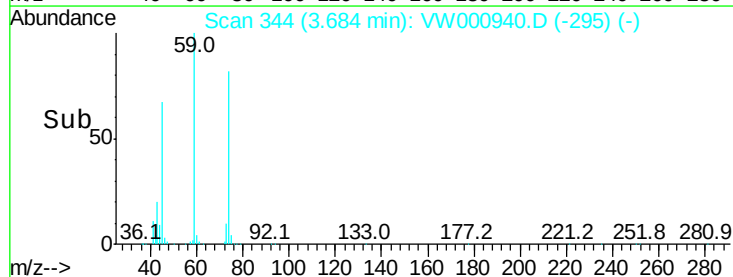
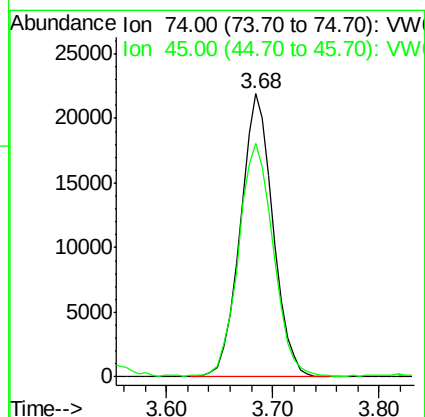
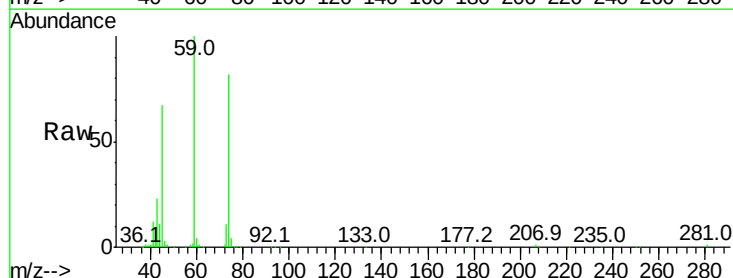
Tot Ion:101 Resp: 198606
Ion Ratio Lower Upper
101 100
103 63.8 53.4 80.0

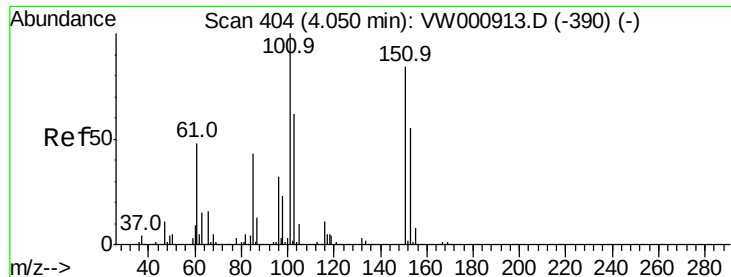


#8

Diethyl Ether
Concen: 48.012 ug/l
RT: 3.68 min Scan# 344
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 74 Resp: 47051
Ion Ratio Lower Upper
74 100
45 88.0 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.793 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampleId :

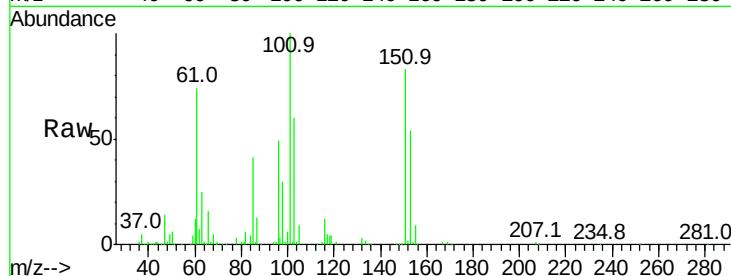
Tot Ion:101 Resp: 118271

Ion Ratio Lower Upper

101 100

85 43.5 35.3 52.9

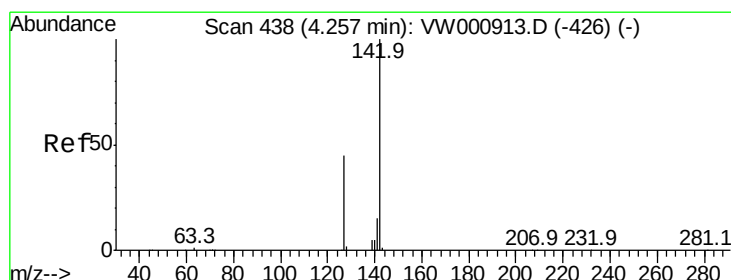
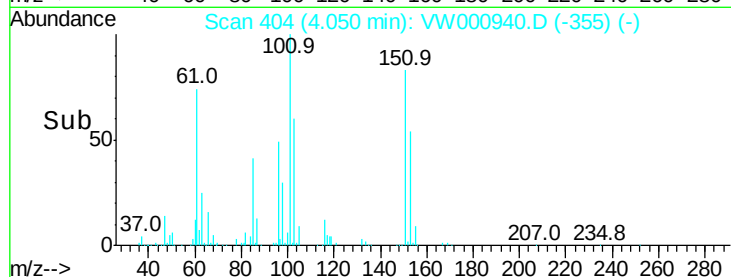
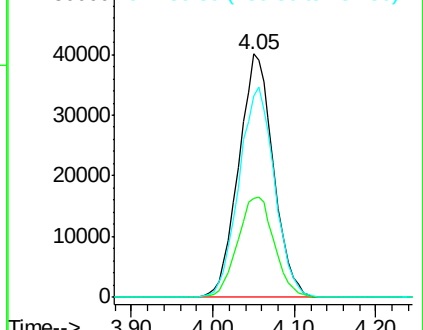
151 88.4 69.9 104.9



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: 44.057 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

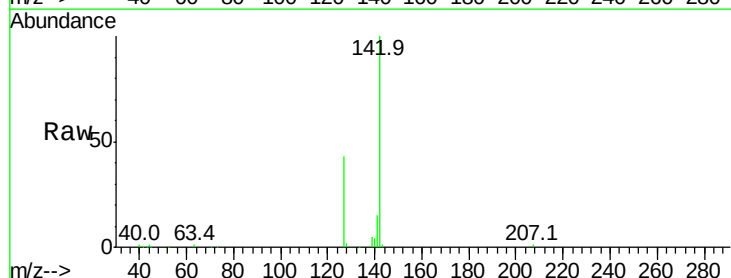
Tgt Ion:142 Resp: 116335

Ion Ratio Lower Upper

142 100

127 45.4 35.5 53.3

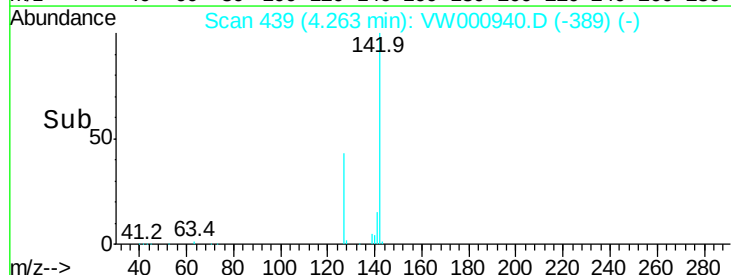
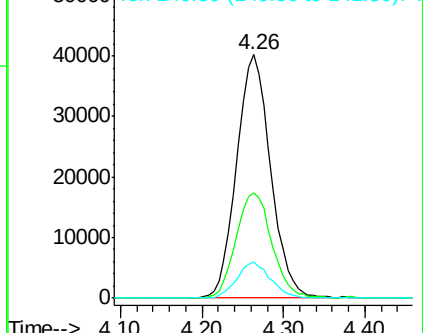
141 14.7 11.7 17.5

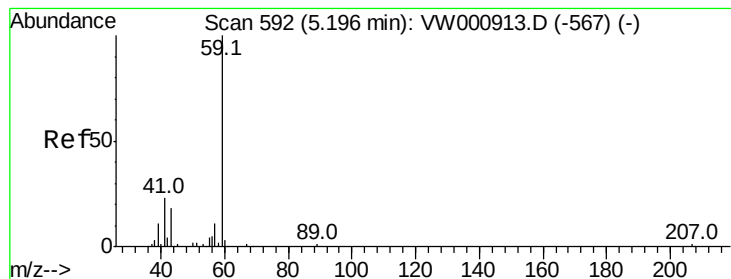


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



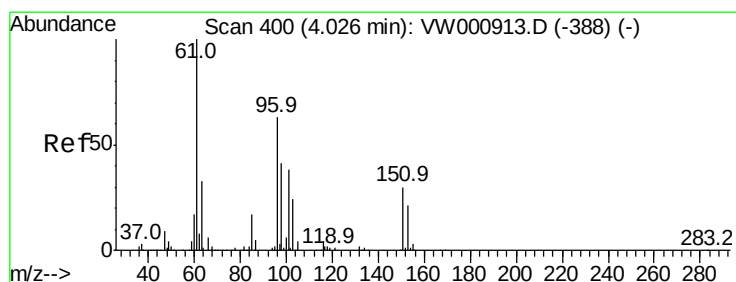
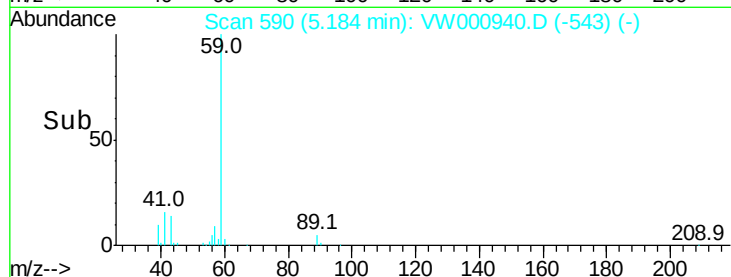
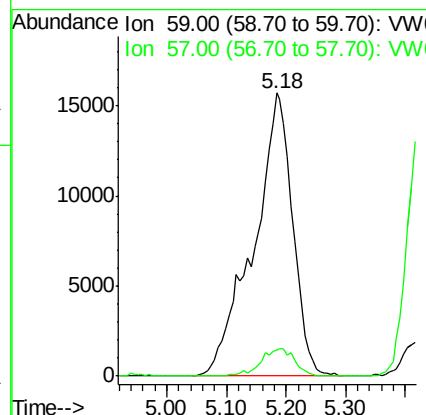
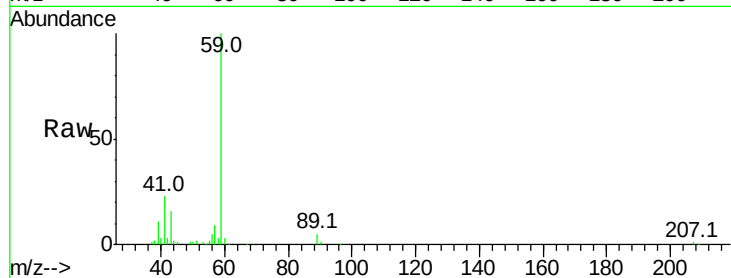


#11

Tert butyl alcohol
Concen: 255.782 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Instrument :
MSVOA_W
ClientSampleId :

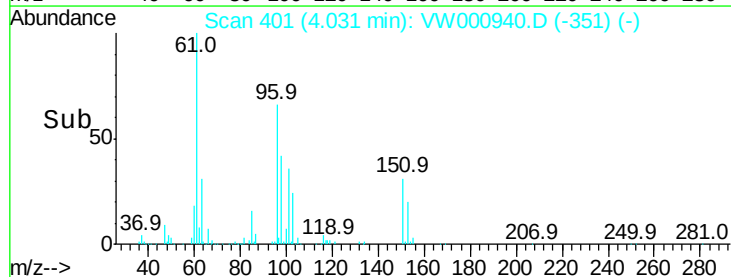
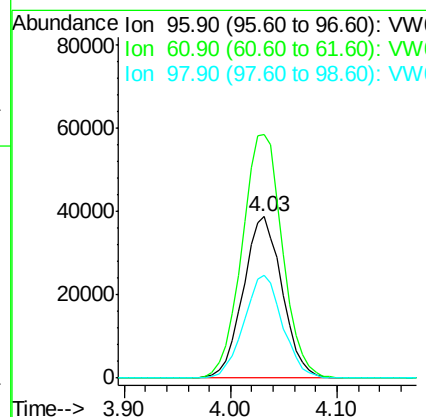
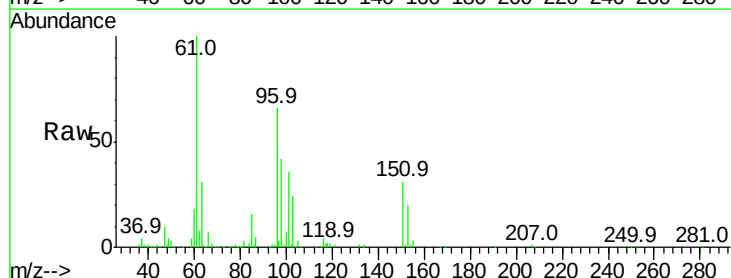
Tot Ion: 59 Resp: 71273
Ion Ratio Lower Upper
59 100
57 8.4 7.0 10.6

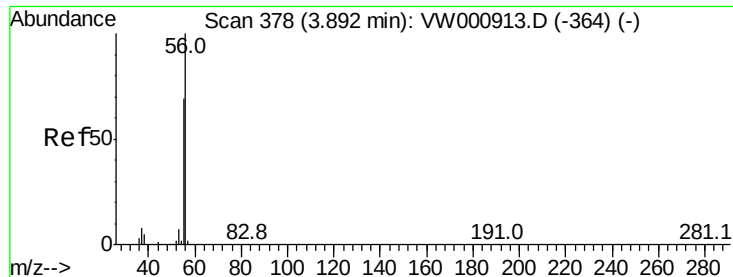


#12

1,1-Dichloroethene
Concen: 45.963 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 96 Resp: 99848
Ion Ratio Lower Upper
96 100
61 150.8 126.7 190.1
98 63.4 52.1 78.1





#13

Acrolein

Concen: 194.147 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

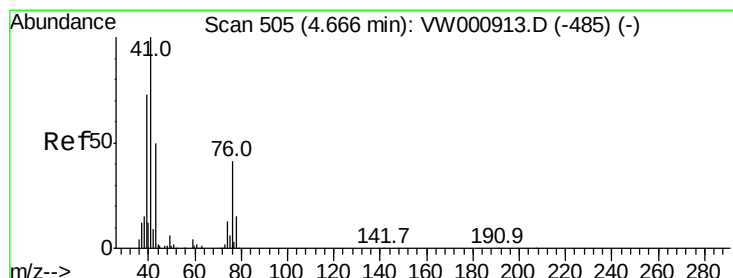
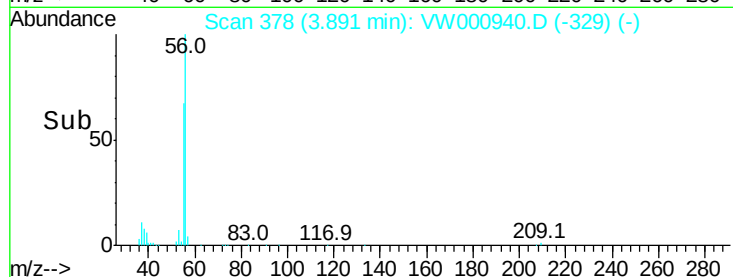
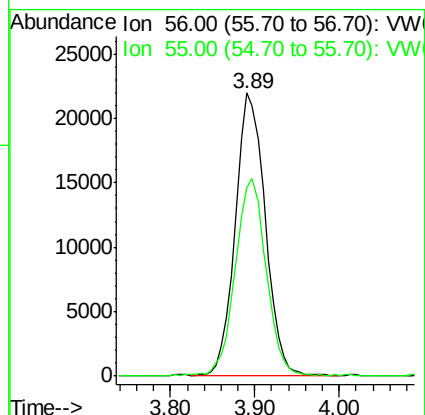
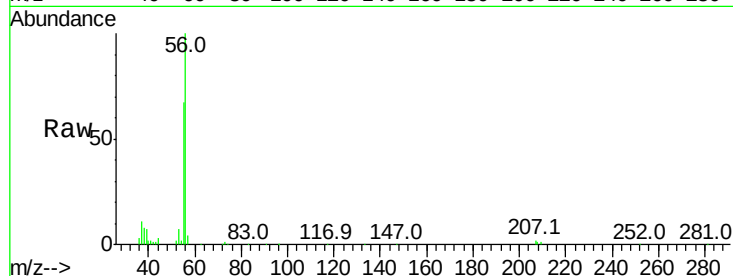
ClientSampleId :

Tot Ion: 56 Resp: 52819

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 49.229 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

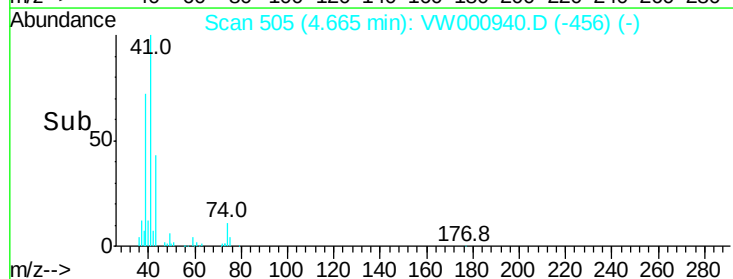
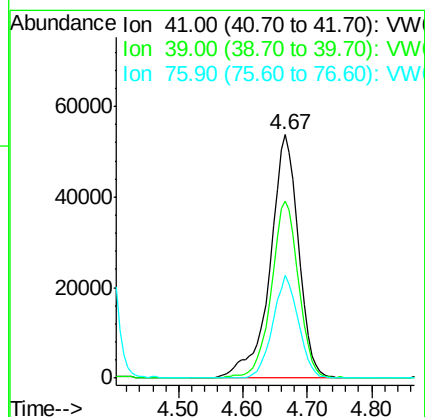
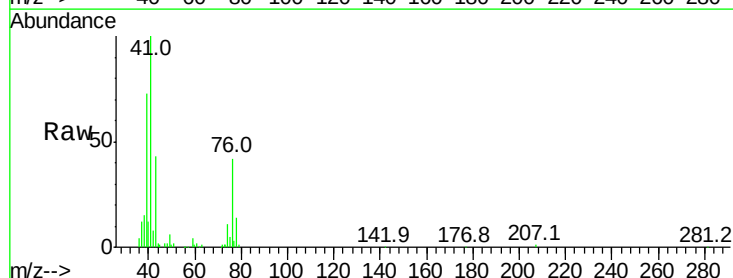
Tgt Ion: 41 Resp: 166639

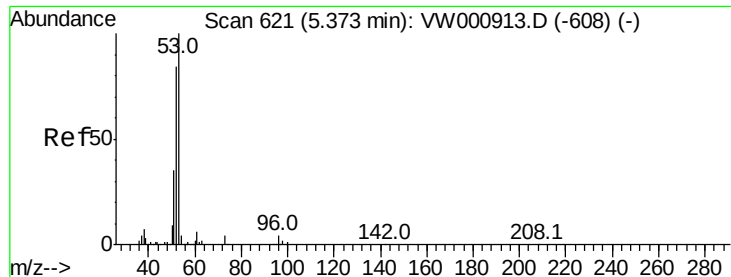
Ion Ratio Lower Upper

41 100

39 69.7 55.3 82.9

76 38.0 29.9 44.9





#15

Acrylonitrile

Concen: 228.873 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :
MSVOA_W
ClientSampled :

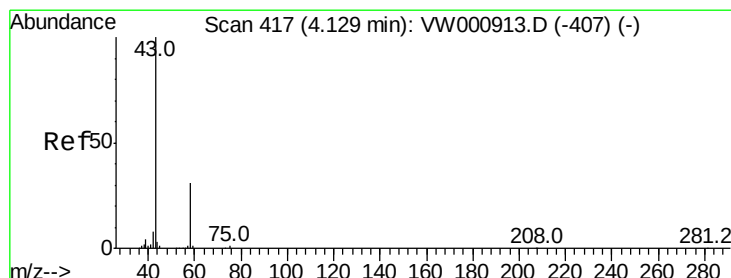
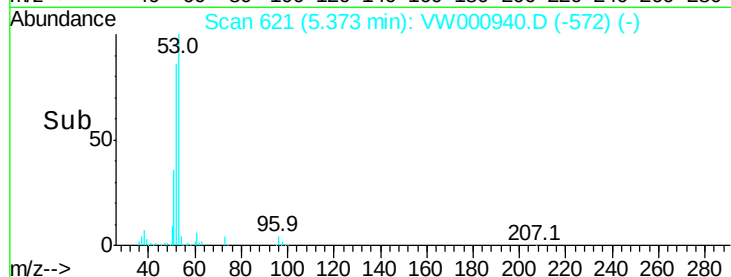
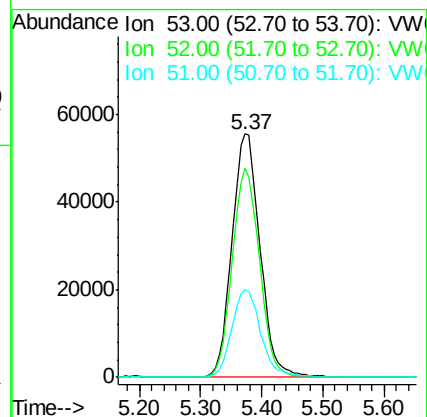
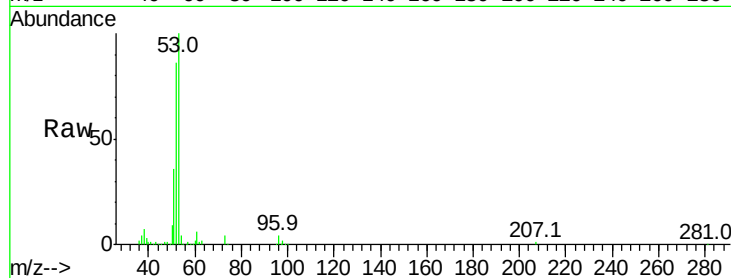
Tot Ion: 53 Resp: 175203

Ion Ratio Lower Upper

53 100

52 83.5 66.6 99.8

51 37.6 29.4 44.0



#16

Acetone

Concen: 202.462 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW000940.D

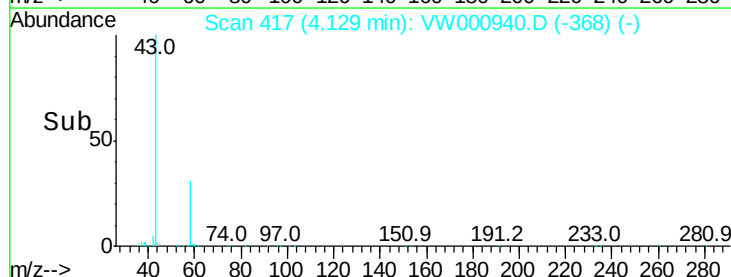
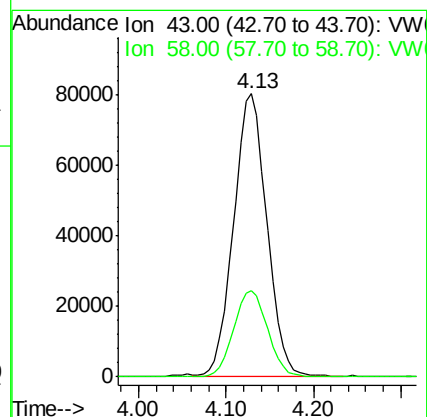
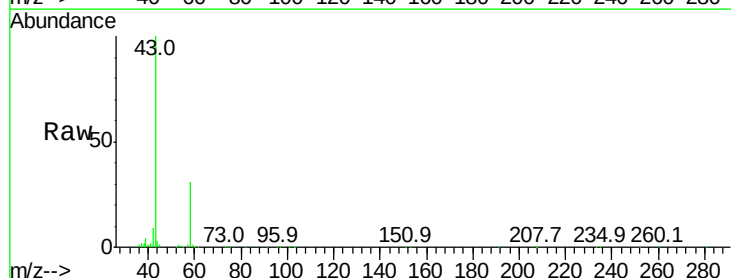
Acq: 24 Jan 2018 10:20

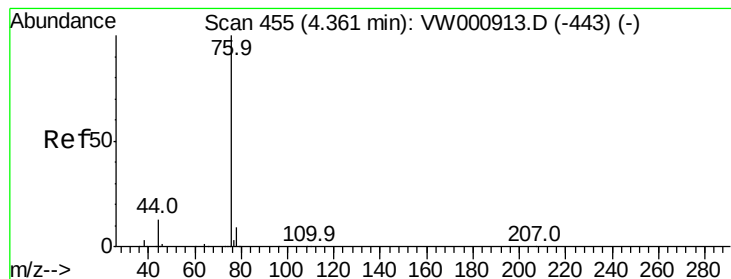
Tgt Ion: 43 Resp: 210506

Ion Ratio Lower Upper

43 100

58 30.7 24.9 37.3





#17

Carbon Disulfide

Concen: 52.229 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

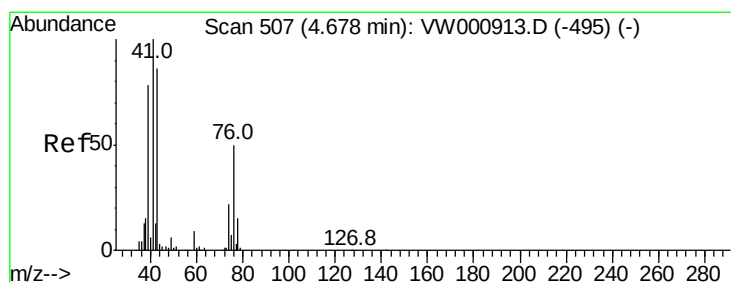
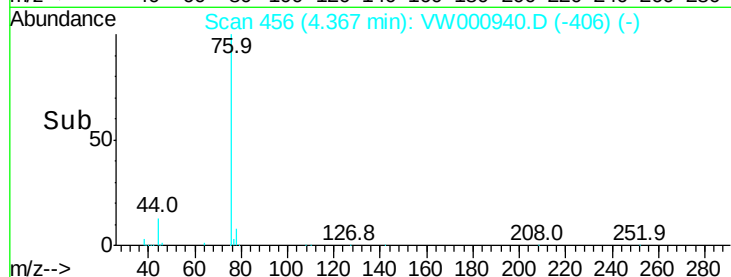
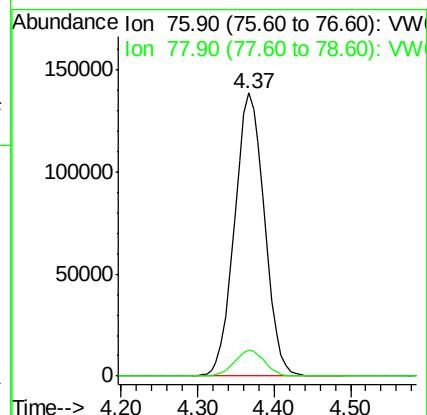
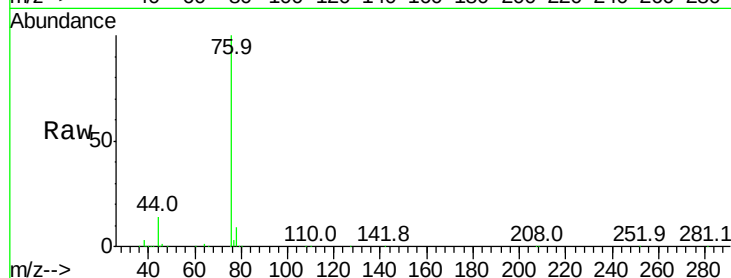
ClientSampleId :

Tot Ion: 76 Resp: 374749

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



#18

Methyl Acetate

Concen: 41.724 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW000940.D

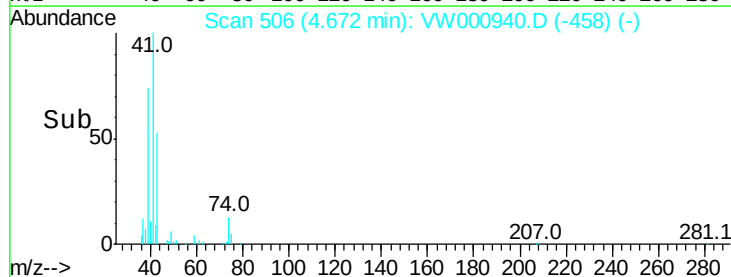
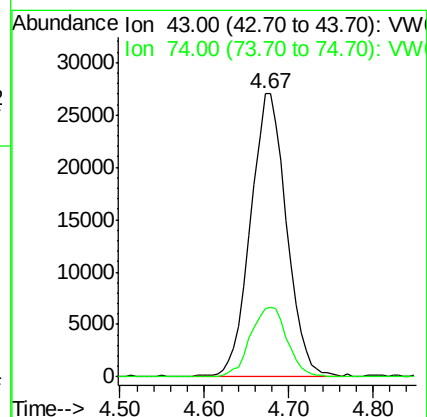
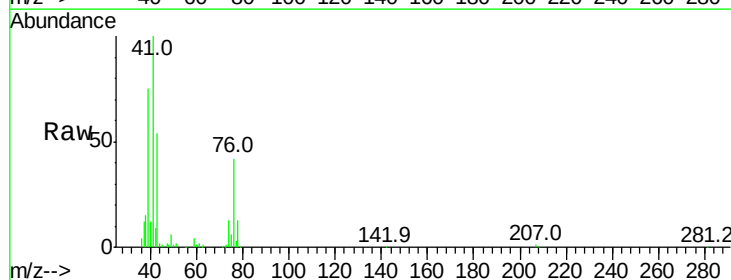
Acq: 24 Jan 2018 10:20

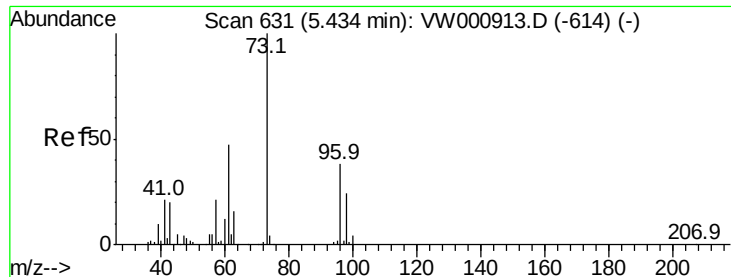
Tgt Ion: 43 Resp: 78859

Ion Ratio Lower Upper

43 100

74 24.9 20.5 30.7

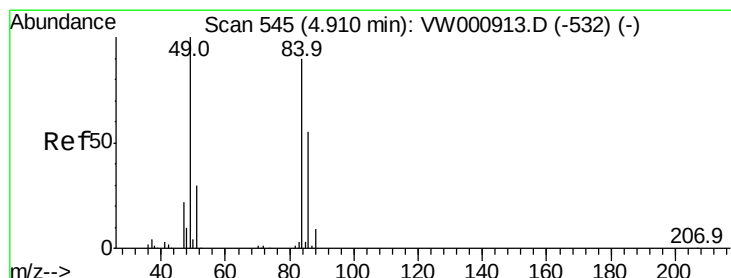
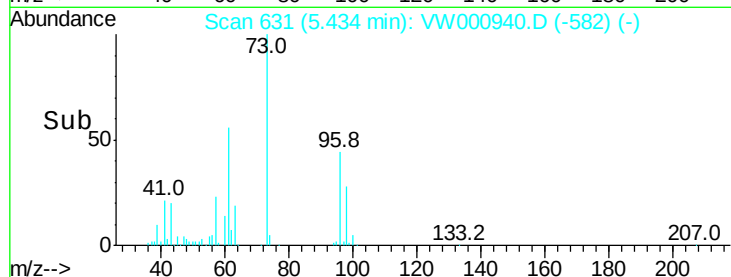
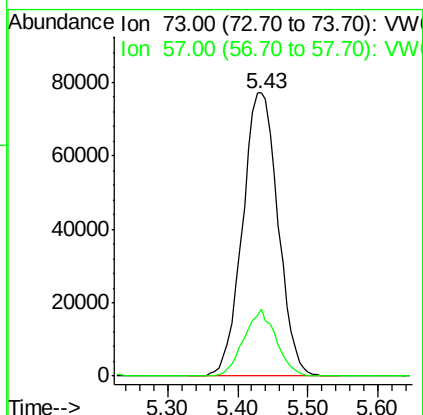
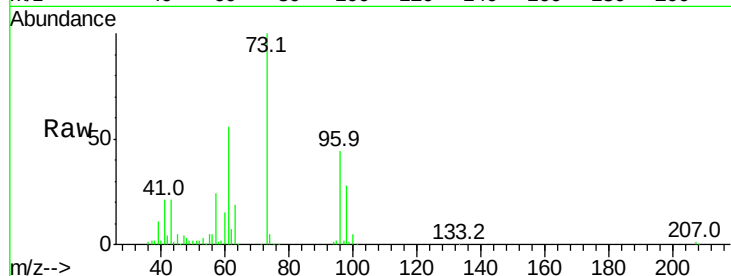




#19
Methyl tert-butyl Ether
Concen: 48.628 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

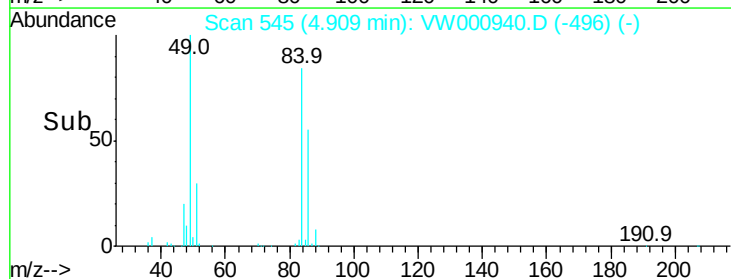
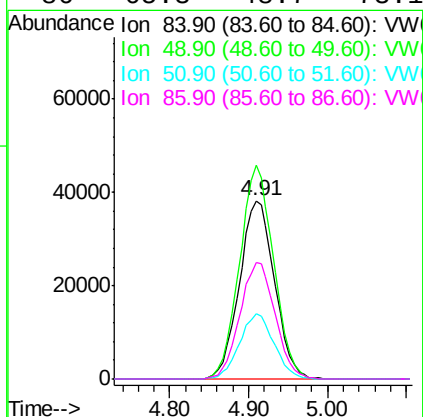
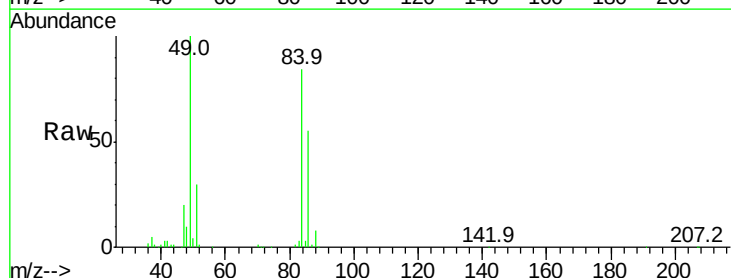
Instrument :
MSVOA_W
ClientSampleId :

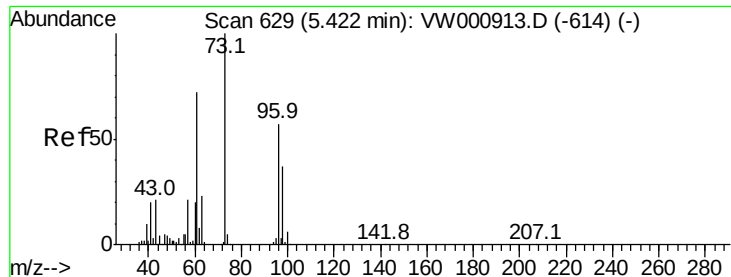
Tot Ion: 73 Resp: 271379
Ion Ratio Lower Upper
73 100
57 23.5 16.7 25.1



#20
Methylene Chloride
Concen: 51.179 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 84 Resp: 118288
Ion Ratio Lower Upper
84 100
49 119.6 89.0 133.4
51 36.3 26.7 40.1
86 65.3 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 50.855 ug/l

RT: 5.42 min Scan# 629

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampleId :

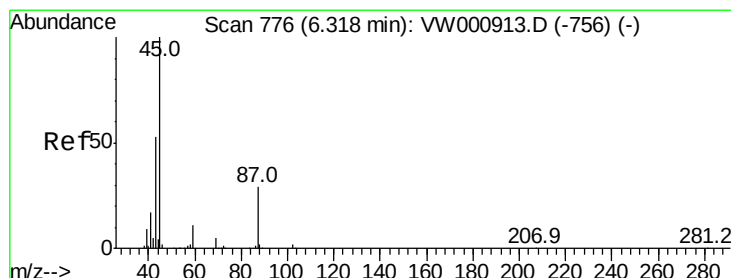
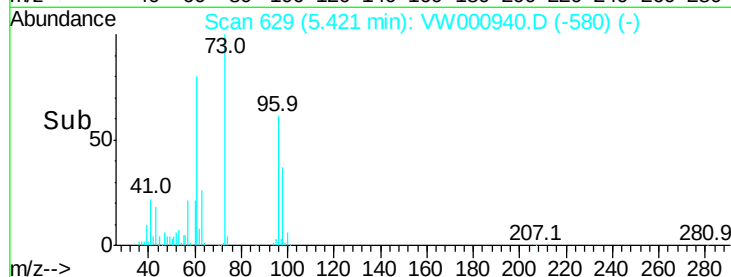
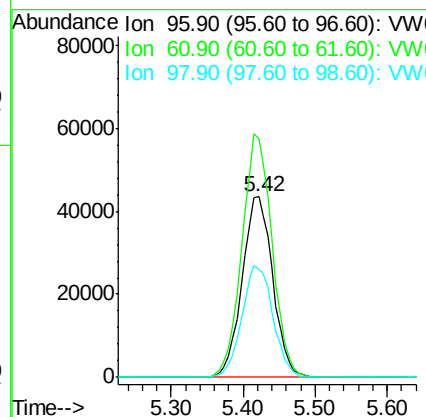
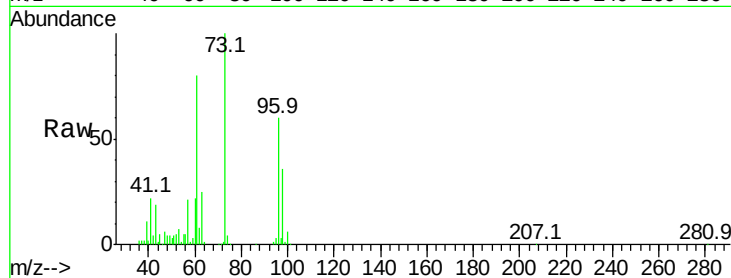
Tot Ion: 96 Resp: 128366

Ion Ratio Lower Upper

96 100

61 132.1 101.1 151.7

98 60.2 52.2 78.2



#22

Diisopropyl ether

Concen: 51.569 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Tgt Ion: 45 Resp: 312518

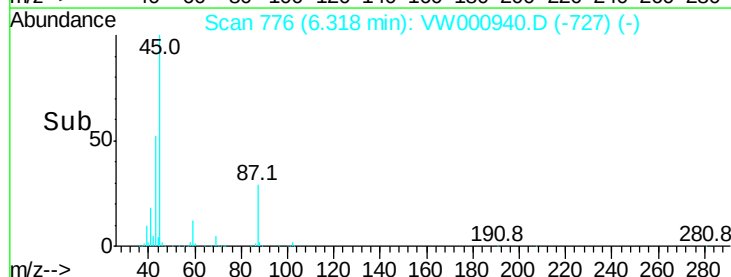
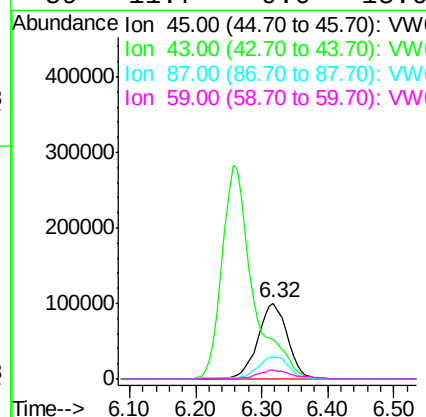
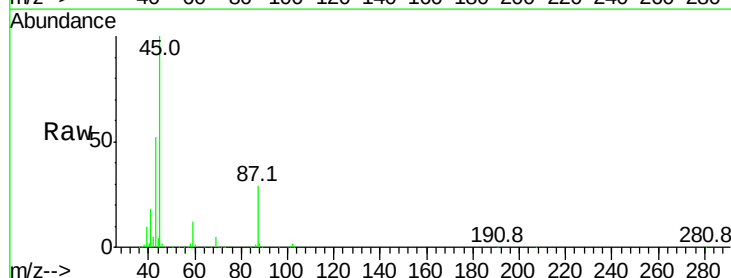
Ion Ratio Lower Upper

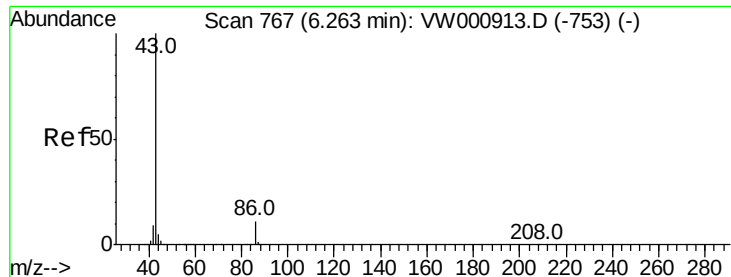
45 100

43 52.2 42.7 64.1

87 29.5 23.8 35.8

59 11.7 9.0 13.6





#23

Vinyl Acetate

Concen: 242.548 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.01 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

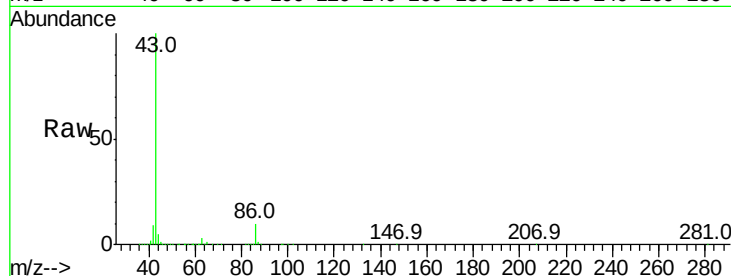
ClientSampleId :

Tot Ion: 43 Resp: 913334

Ion Ratio Lower Upper

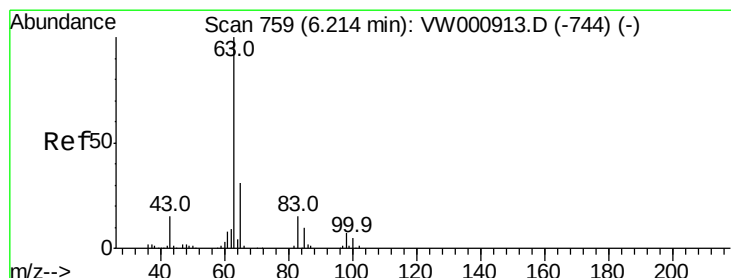
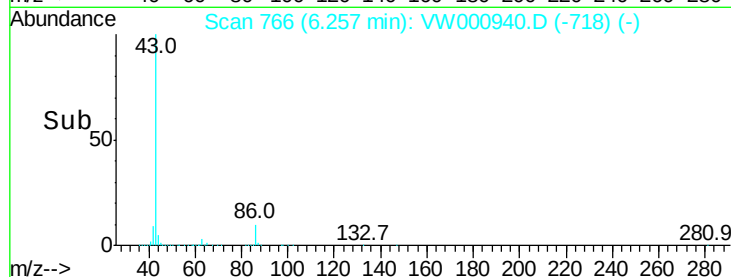
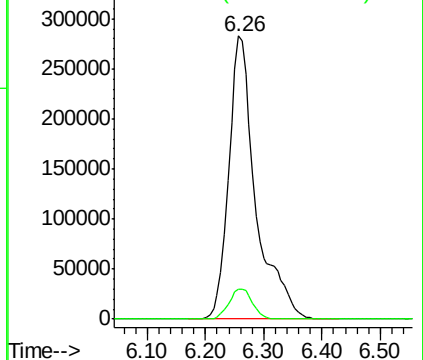
43 100

86 10.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.624 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

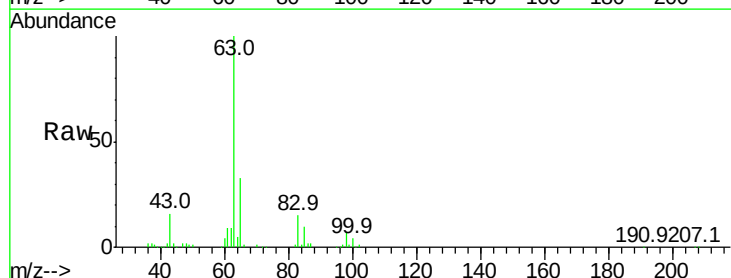
Tgt Ion: 63 Resp: 205354

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

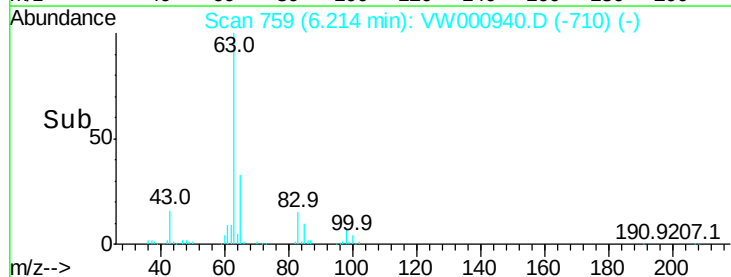
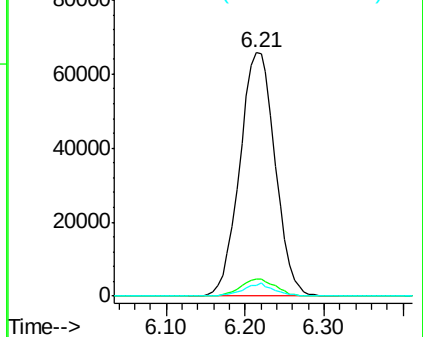
100 4.2 2.5 7.4

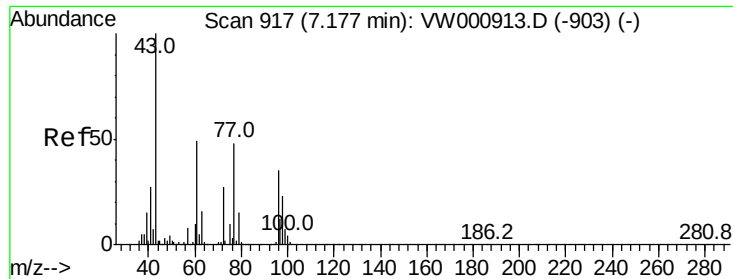


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 223.868 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

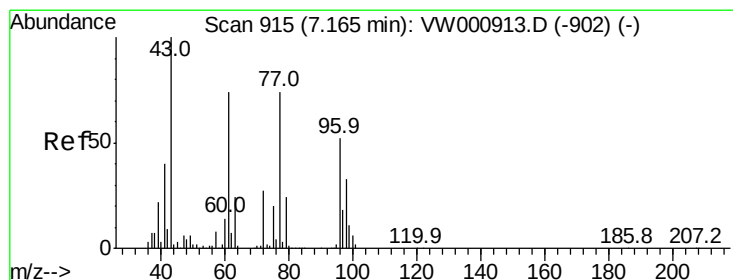
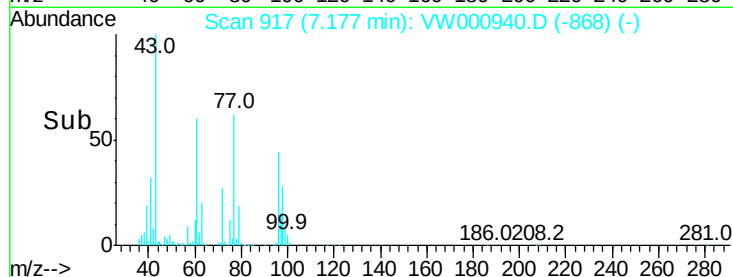
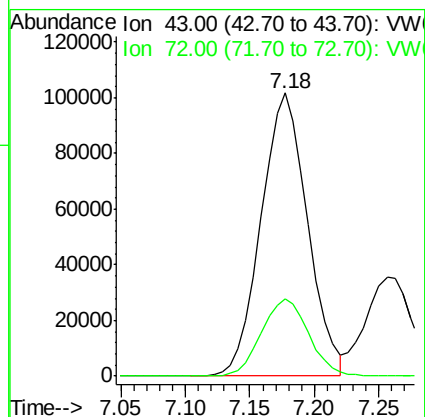
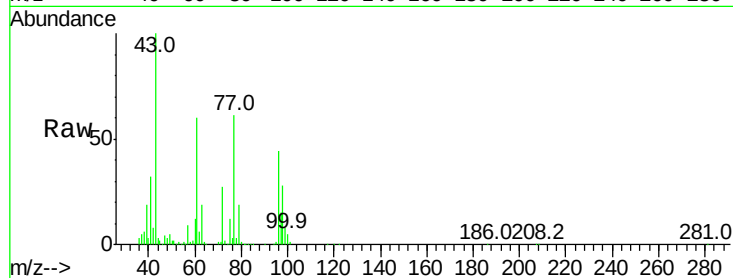
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 254483

Ion Ratio Lower Upper

43 100

72 27.4 21.5 32.3



#26

2,2-Dichloropropane

Concen: 49.528 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW000940.D

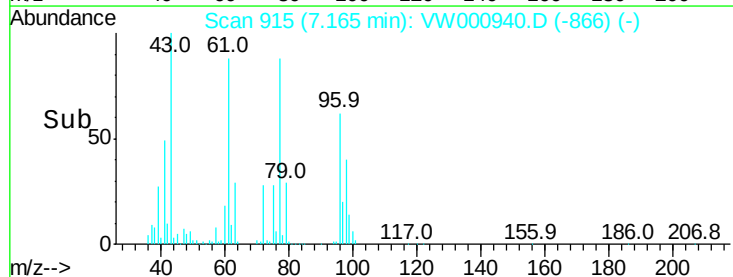
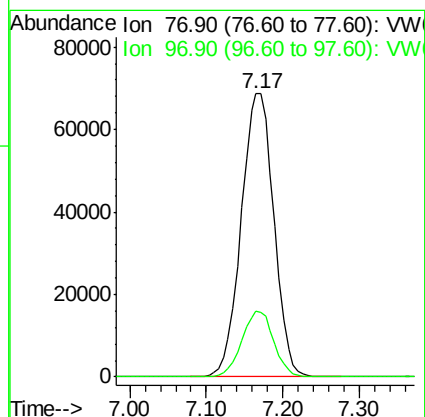
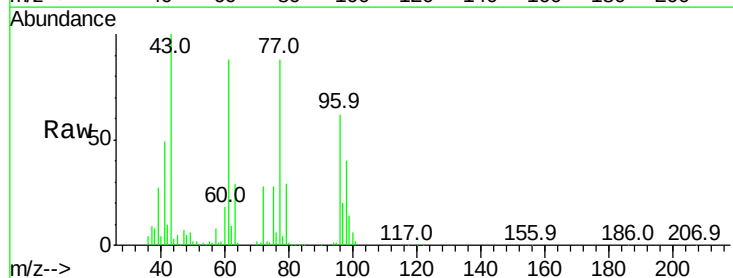
Acq: 24 Jan 2018 10:20

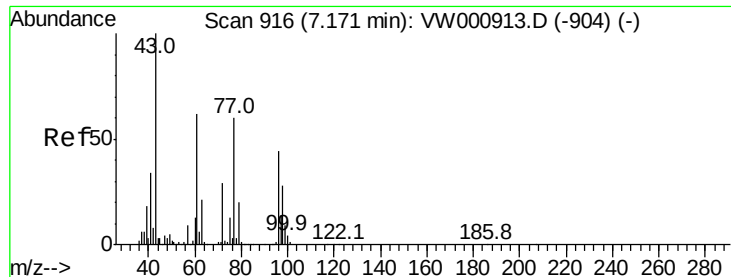
Tgt Ion: 77 Resp: 203379

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 49.690 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampled :

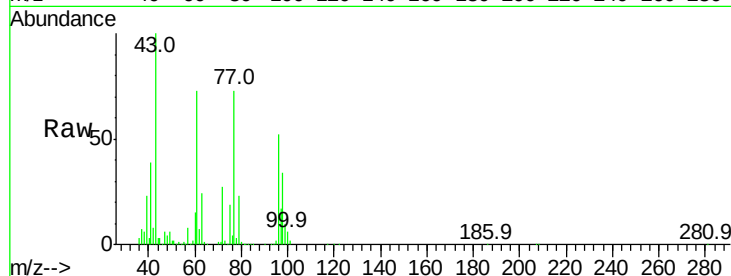
Tot Ion: 96 Resp: 129624

Ion Ratio Lower Upper

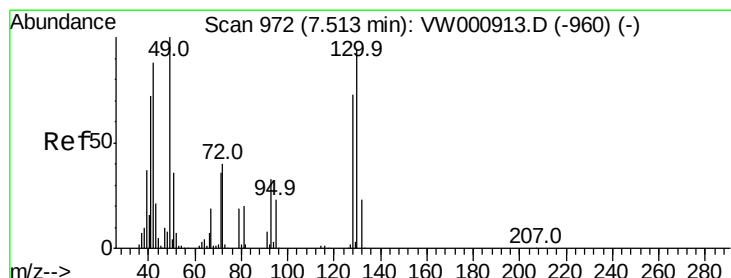
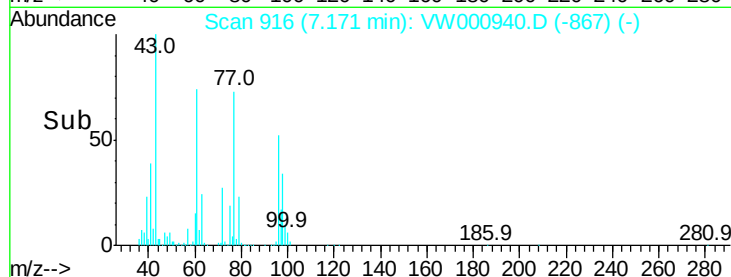
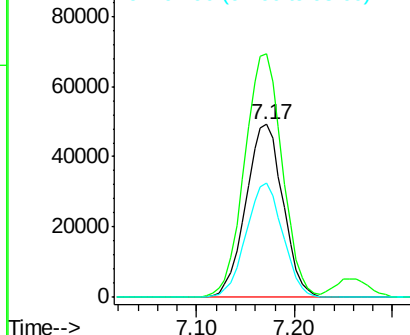
96 100

61 142.9 0.0 279.8

98 65.3 0.0 127.6



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



#28

Bromochloromethane

Concen: 48.391 ug/l

RT: 7.51 min Scan# 972

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

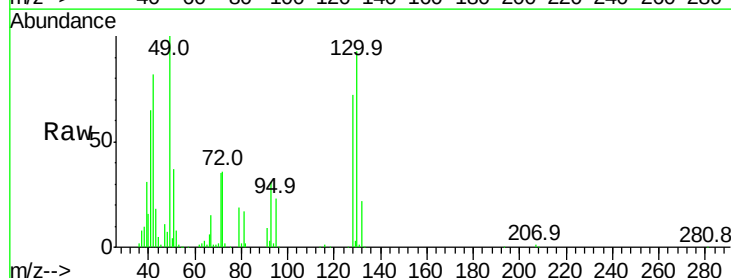
Tgt Ion: 49 Resp: 82455

Ion Ratio Lower Upper

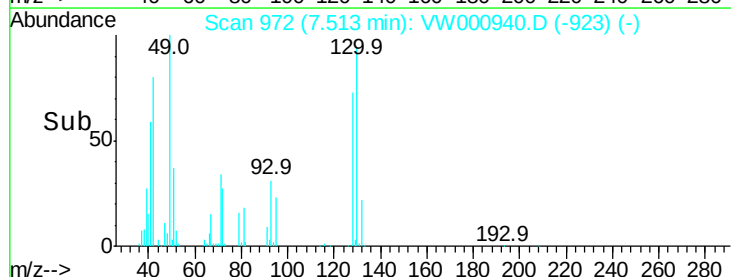
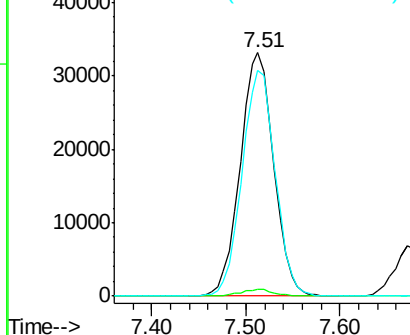
49 100

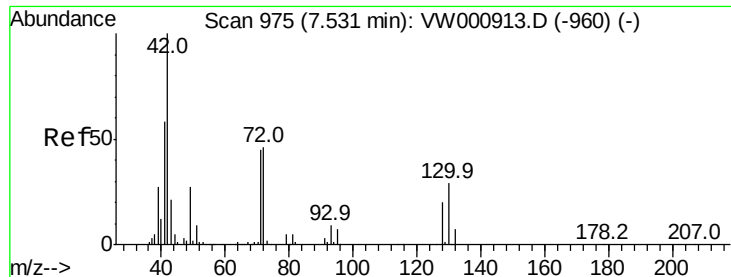
129 2.7 0.0 2.8

130 91.9 73.8 110.6



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

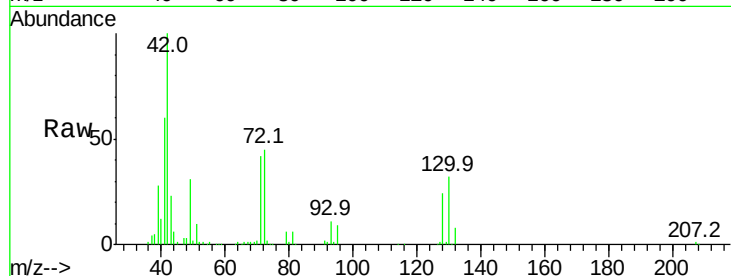




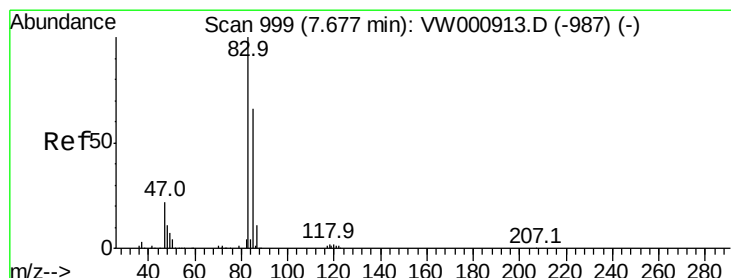
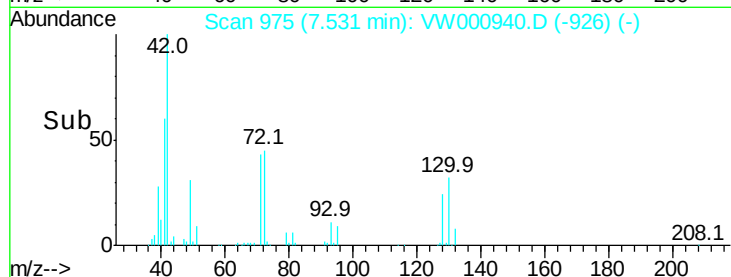
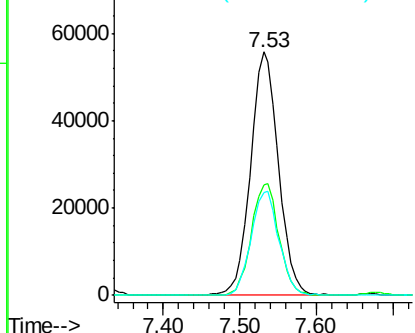
#29
Tetrahydrofuran
Concen: 227.061 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 142015
Ion Ratio Lower Upper
42 100
72 45.4 37.1 55.7
71 42.7 34.9 52.3

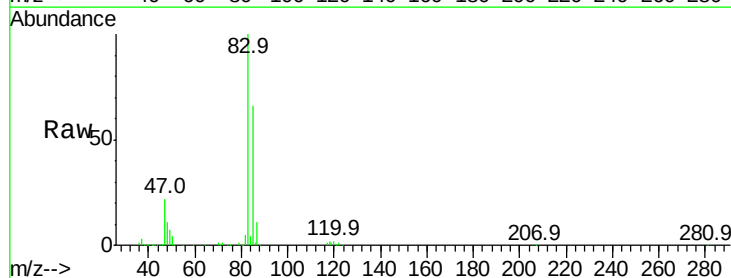


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

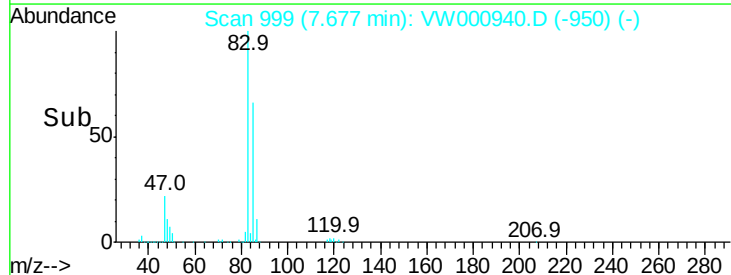
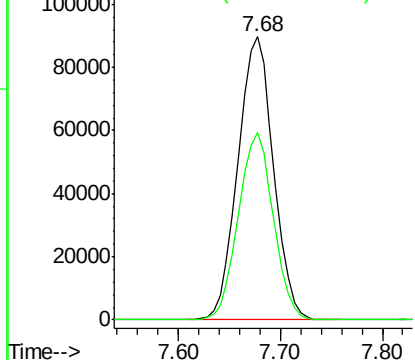


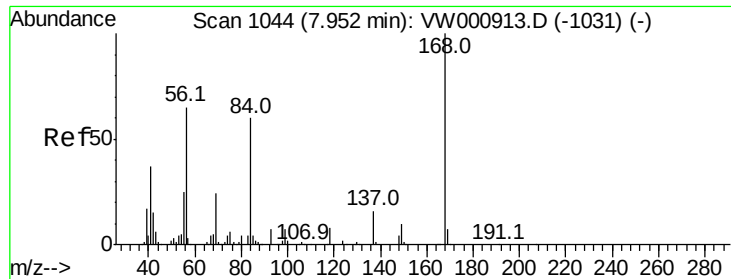
#30
Chloroform
Concen: 49.595 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 83 Resp: 216991
Ion Ratio Lower Upper
83 100
85 66.1 52.5 78.7



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

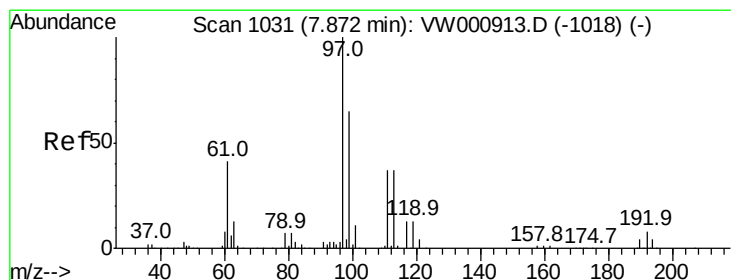
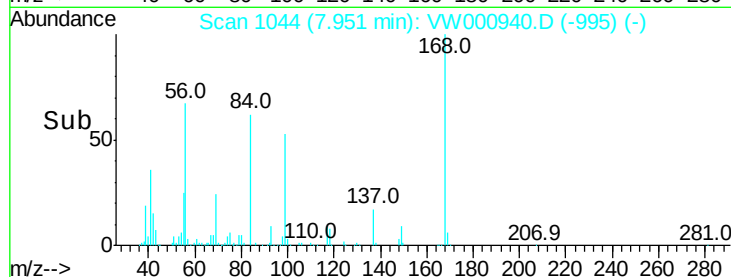
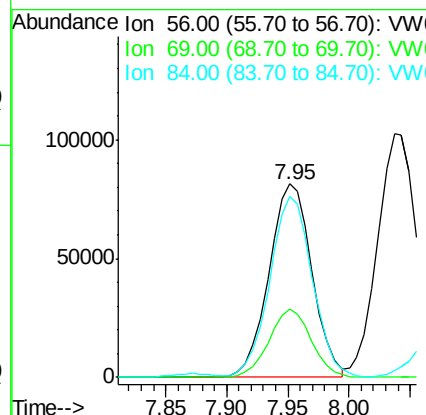
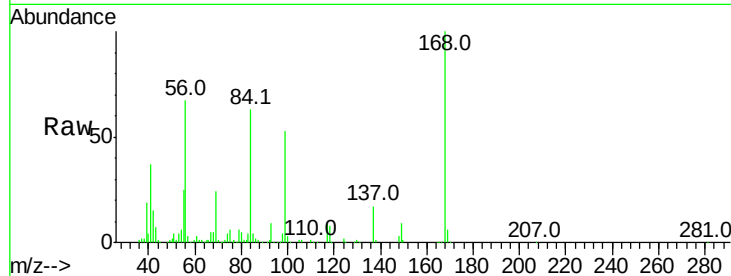




#31
Cyclohexane
Concen: 47.488 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

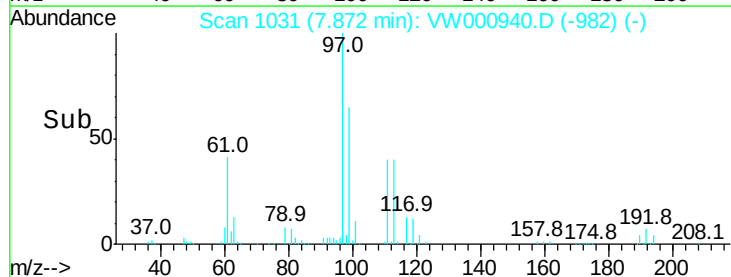
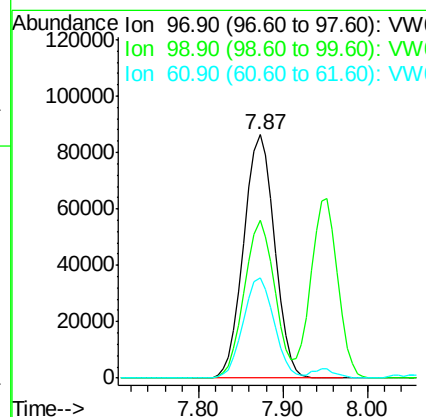
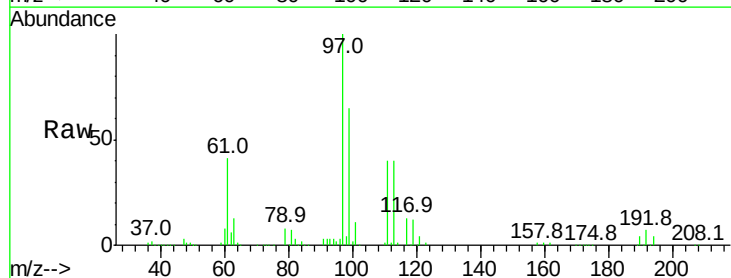
Instrument :
MSVOA_W
ClientSampled :

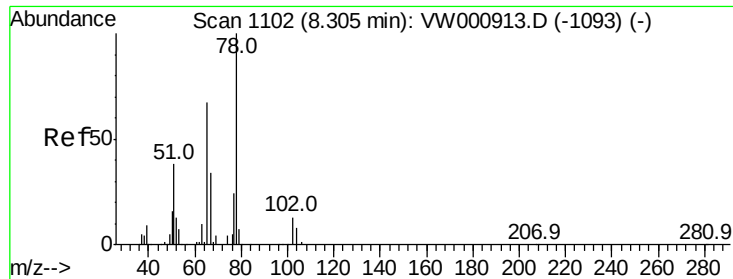
Tot Ion: 56 Resp: 198868
Ion Ratio Lower Upper
56 100
69 35.6 29.2 43.8
84 92.0 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 50.617 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 97 Resp: 214016
Ion Ratio Lower Upper
97 100
99 63.6 52.6 78.8
61 41.3 32.9 49.3

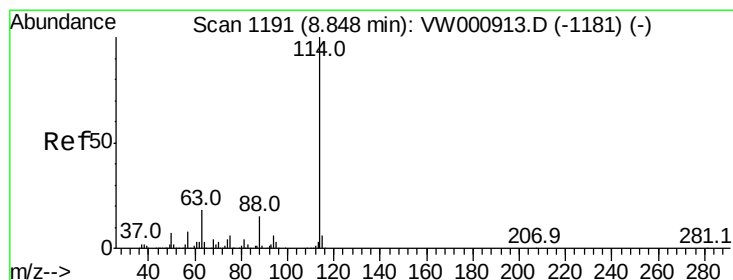
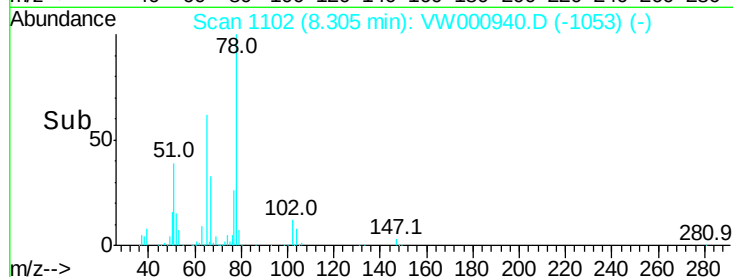
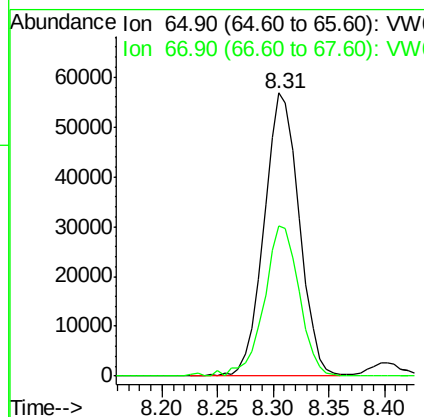
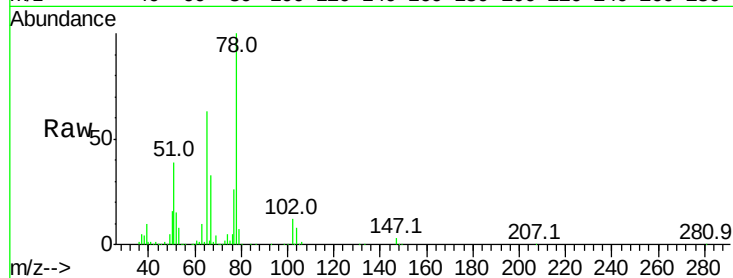




#33
 1,2-Dichloroethane-d4
 Concen: 48.490 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

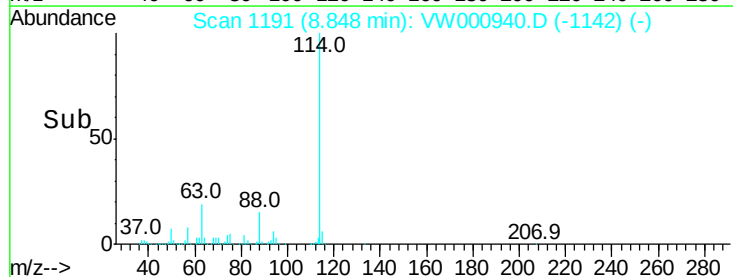
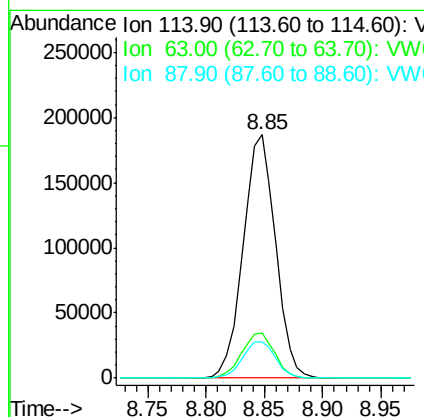
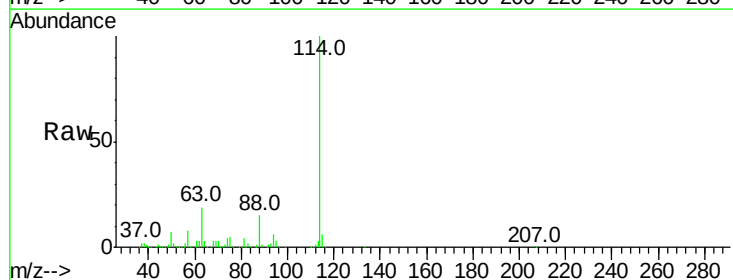
Instrument :
 MSVOA_W
 ClientSampleId :

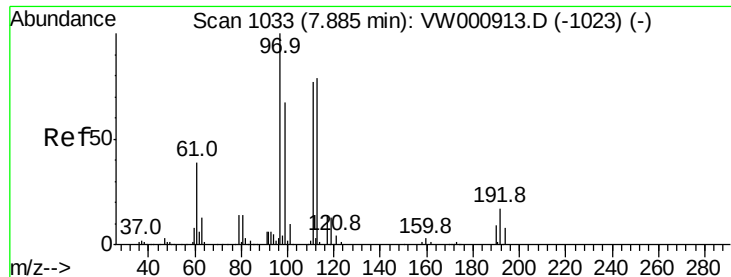
Tot Ion: 65 Resp: 124594
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion: 114 Resp: 362601
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 15.1 0.0 29.8

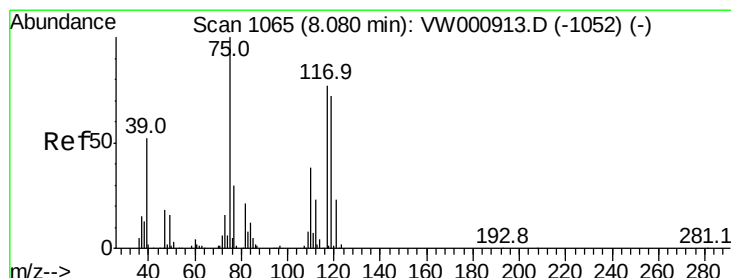
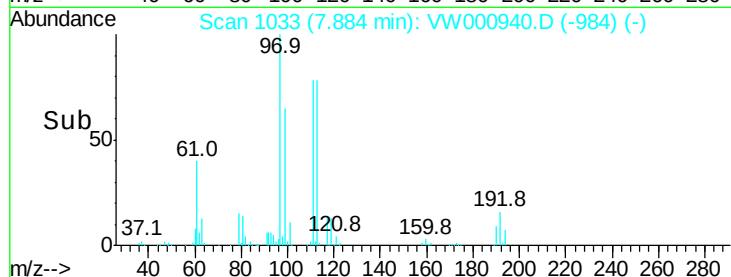
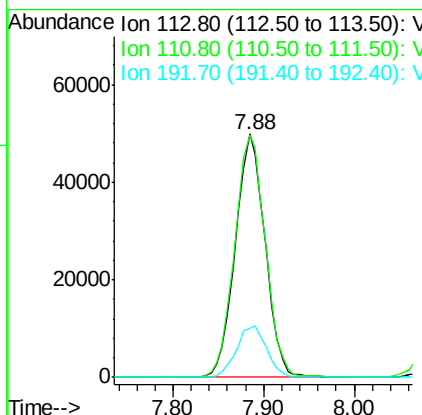
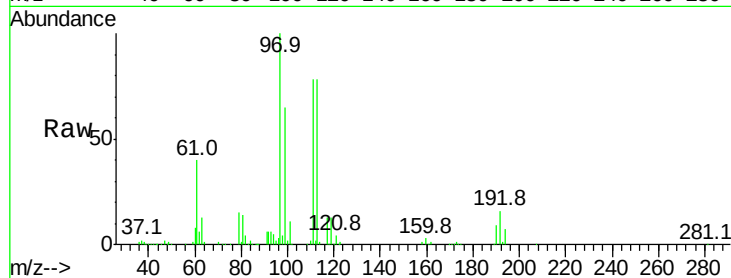




#35
 Dibromofluoromethane
 Concen: 50.932 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

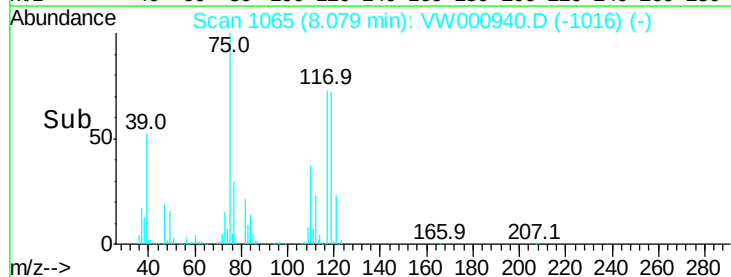
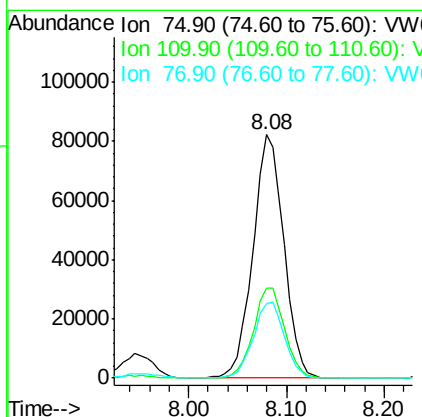
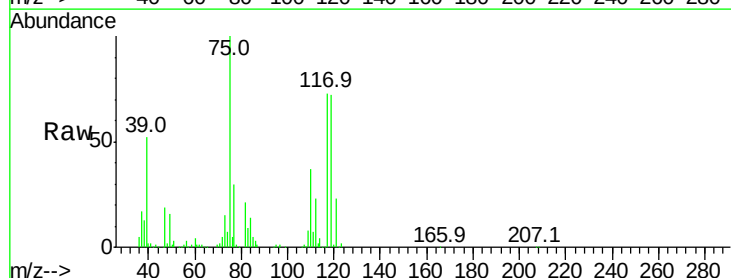
Instrument :
 MSVOA_W
 ClientSampleId :

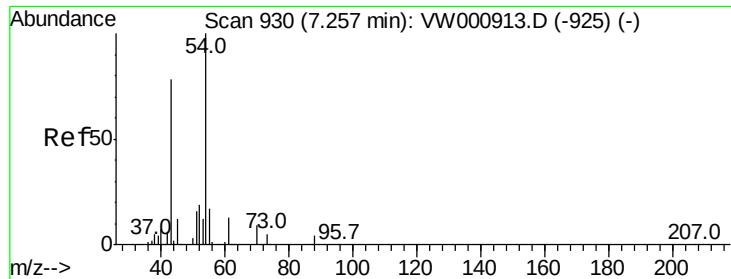
Tot Ion:113 Resp: 113137
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.4 120.6
 192 21.6 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 52.360 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion: 75 Resp: 181149
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.6 56.0
 77 31.6 24.6 36.8

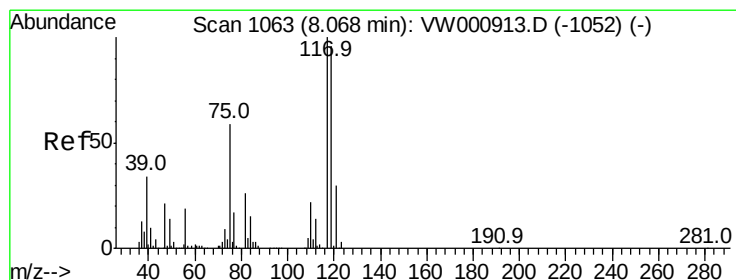
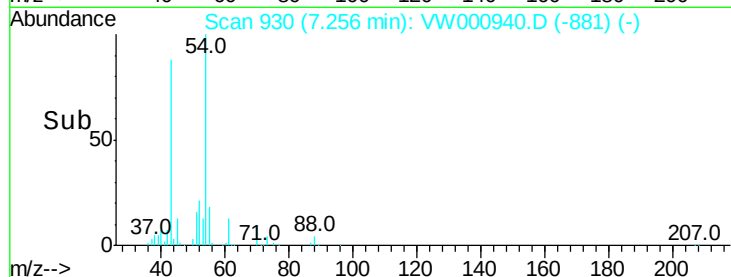
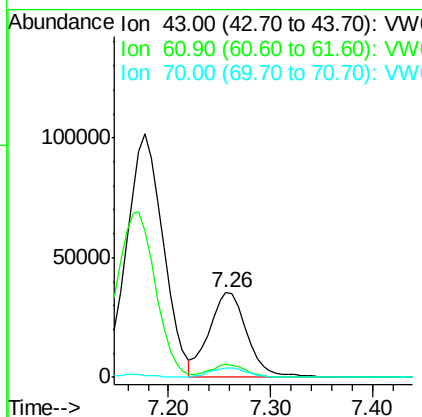
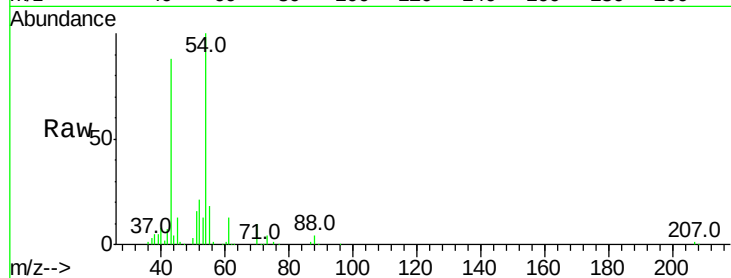




#37
Ethyl Acetate
Concen: 46.923 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

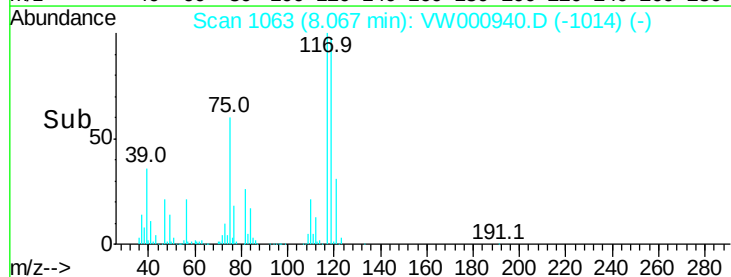
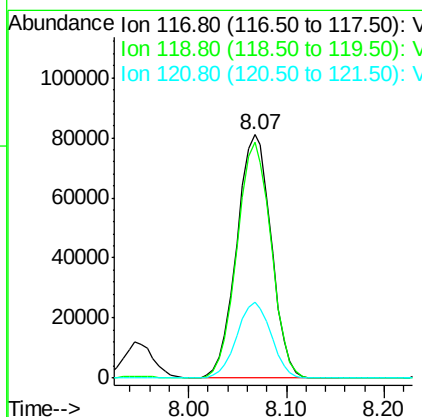
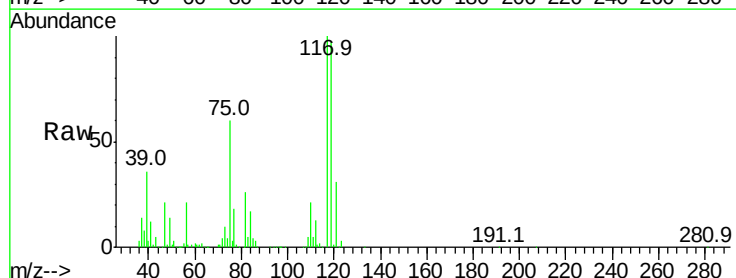
Instrument :
MSVOA_W
ClientSampleId :

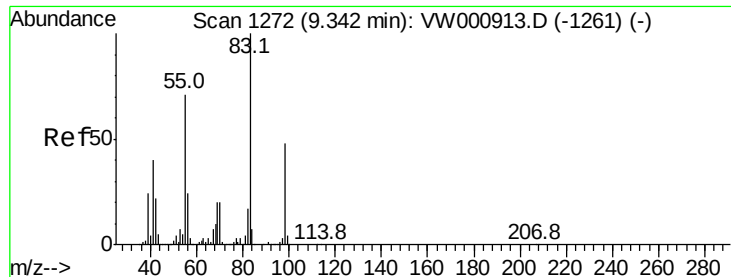
Tot Ion: 43 Resp: 91636
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 11.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 51.956 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 117 Resp: 198301
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
121 31.0 24.3 36.5

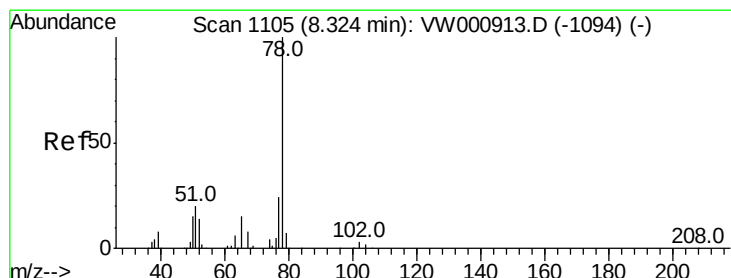
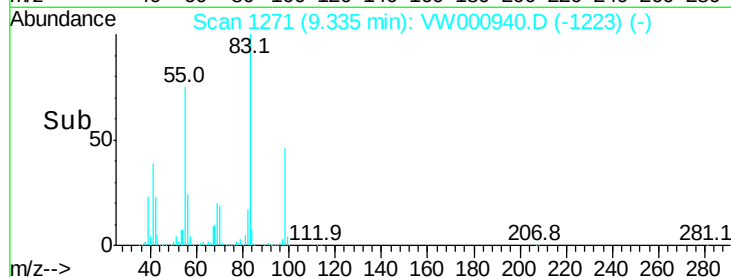
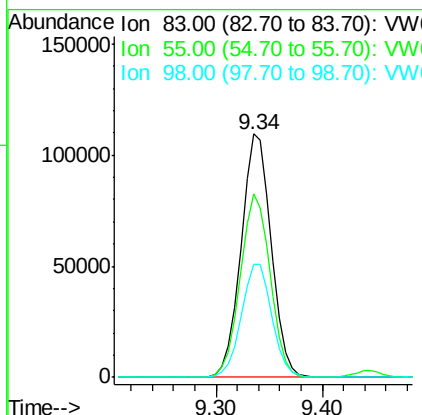
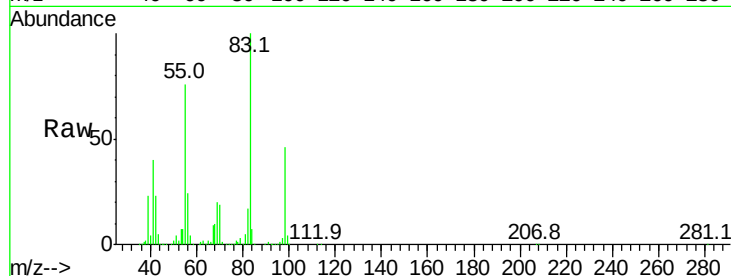




#39
Methylvlcyclohexane
Concen: 52.221 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

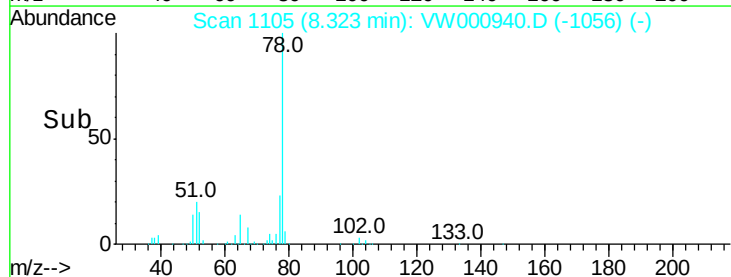
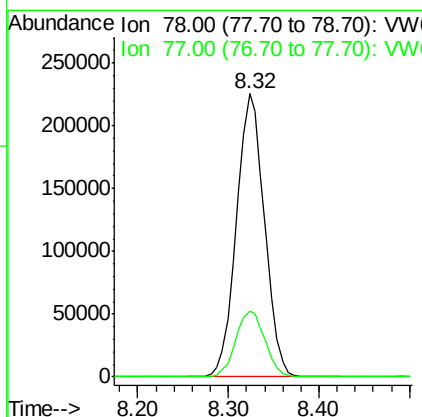
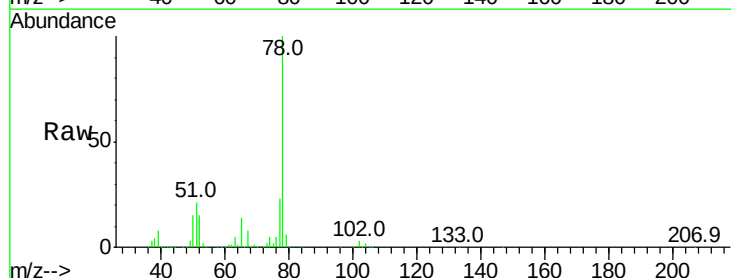
Instrument :
MSVOA_W
ClientSampled :

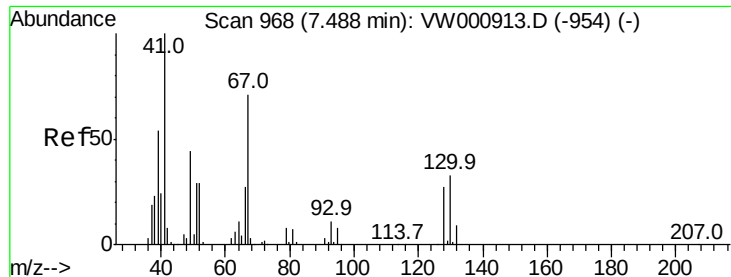
Tot Ion: 83 Resp: 217617
Ion Ratio Lower Upper
83 100
55 75.5 56.4 84.6
98 46.4 38.2 57.4



#40
Benzene
Concen: 51.560 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 78 Resp: 485051
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

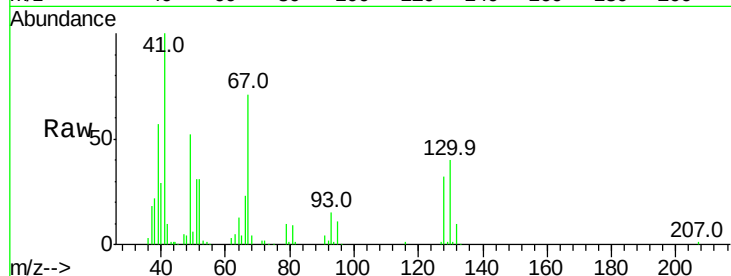




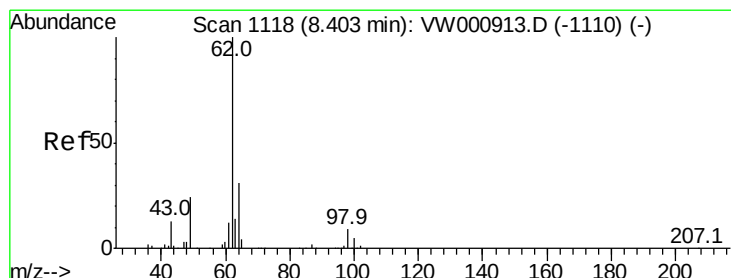
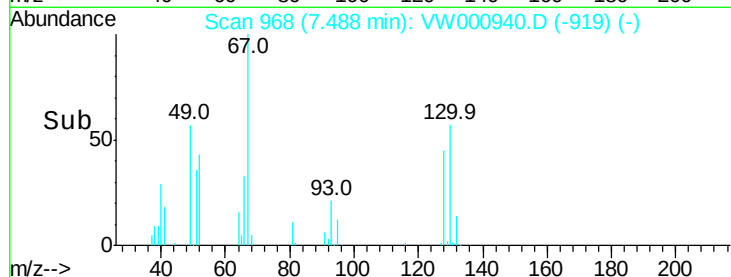
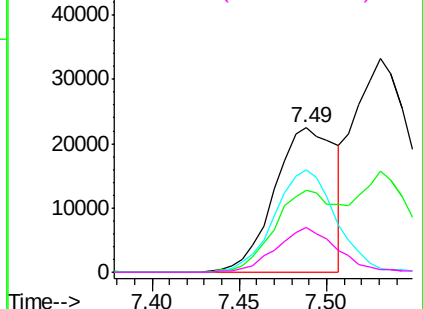
#41
Methacrylonitrile
Concen: 50.206 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 55031
Ion Ratio Lower Upper
41 100
39 62.5 43.4 65.0
67 71.4 59.0 88.4
52 31.1 24.6 36.8

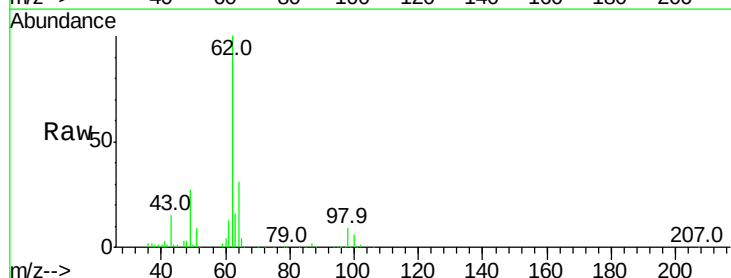


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

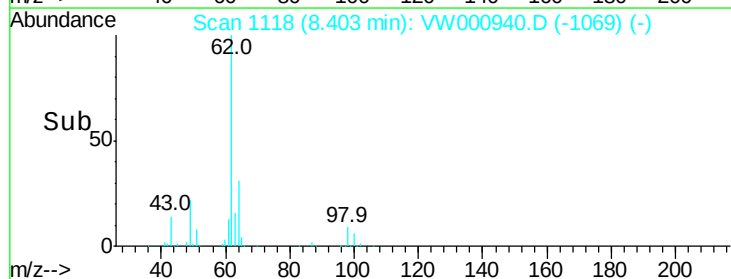
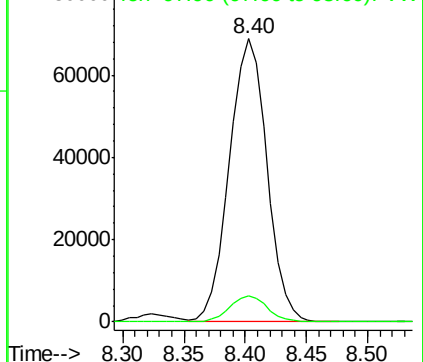


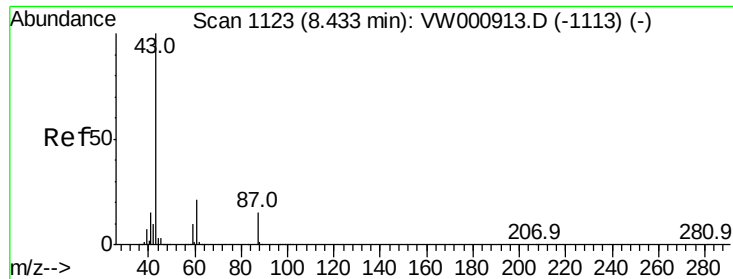
#42
1,2-Dichloroethane
Concen: 50.631 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 62 Resp: 146764
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0



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





#43

Isopropyl Acetate

Concen: 46.907 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampleId :

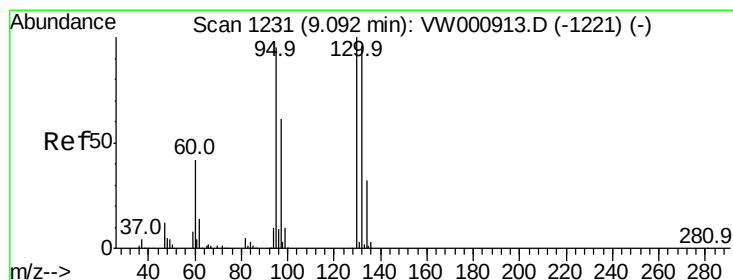
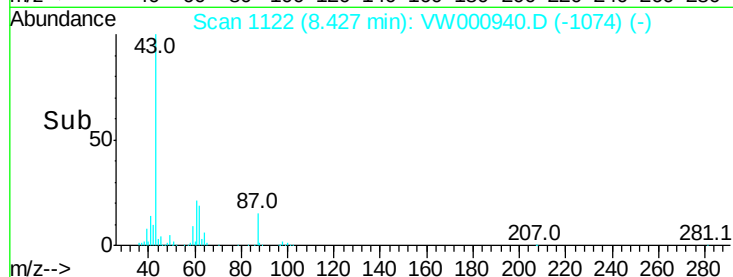
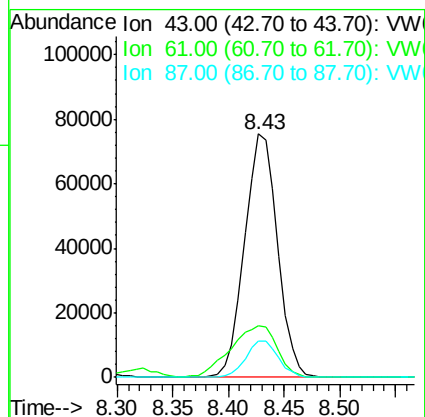
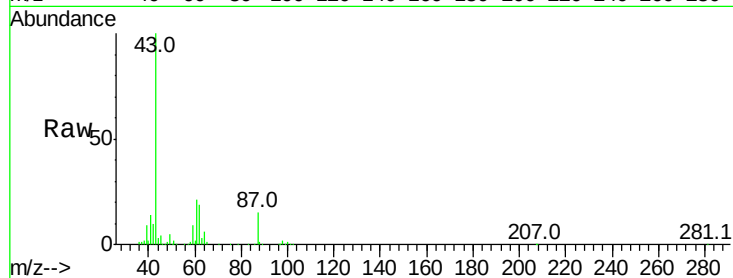
Tot Ion: 43 Resp: 155290

Ion Ratio Lower Upper

43 100

61 29.9 23.6 35.4

87 14.8 11.7 17.5



#44

Trichloroethene

Concen: 50.829 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW000940.D

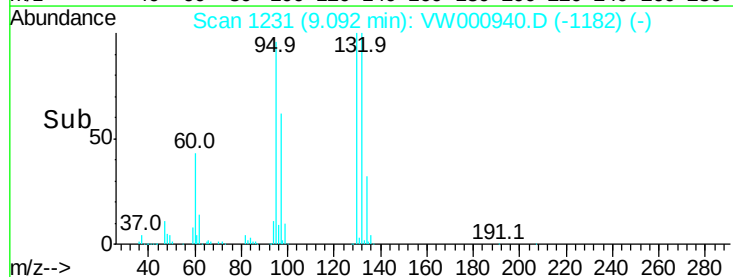
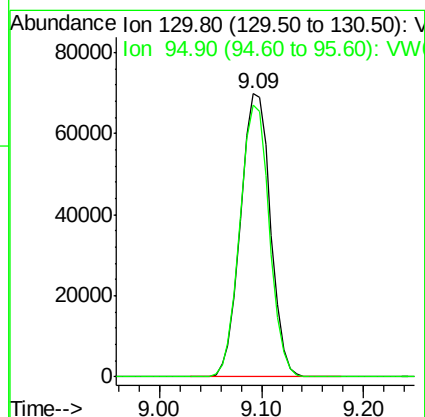
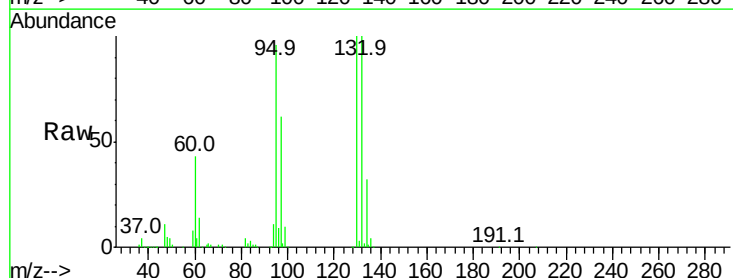
Acq: 24 Jan 2018 10:20

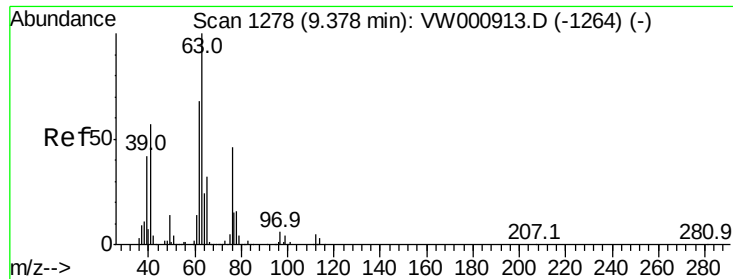
Tgt Ion:130 Resp: 142080

Ion Ratio Lower Upper

130 100

95 95.9 0.0 190.4

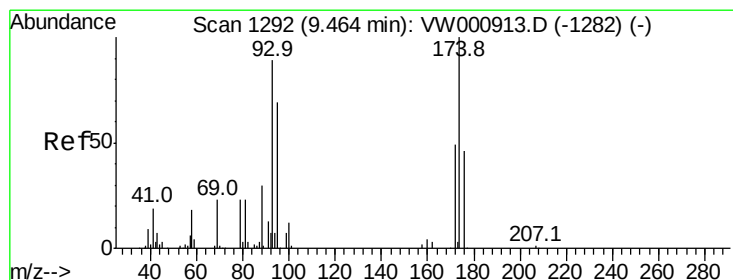
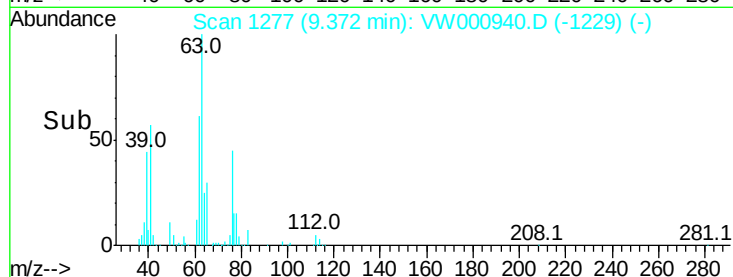
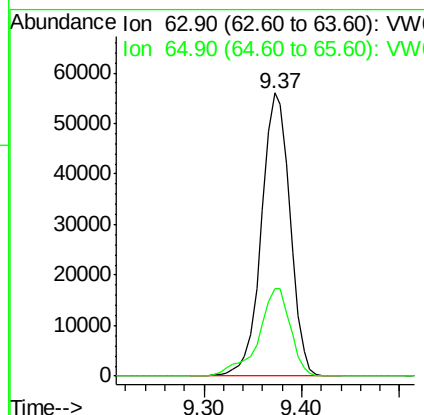
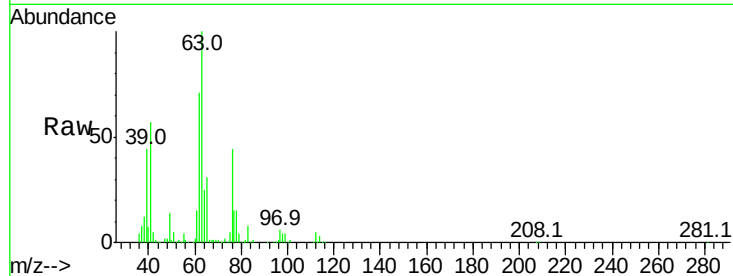




#45
 1,2-Dichloropropane
 Concen: 51.757 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

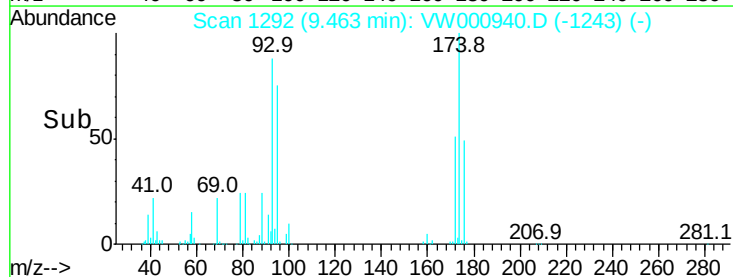
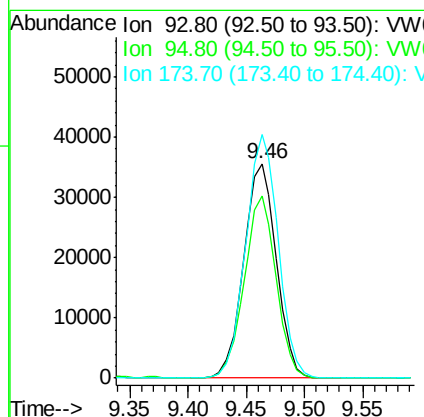
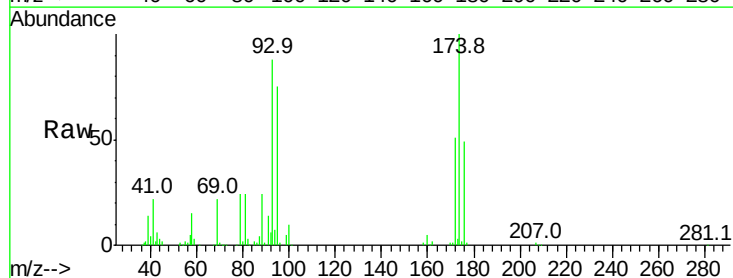
Instrument :
 MSVOA_W
 ClientSampleId :

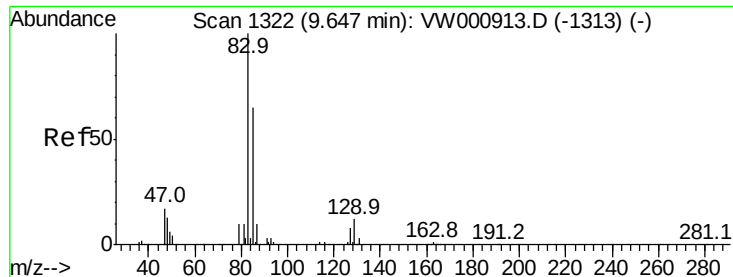
Tot Ion: 63 Resp: 113594
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.2 37.8



#46
 Dibromomethane
 Concen: 49.590 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion: 93 Resp: 69533
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.8 98.6
 174 113.3 89.0 133.6





#47

Bromodichloromethane

Concen: 51.070 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :
MSVOA_W
ClientSampled :

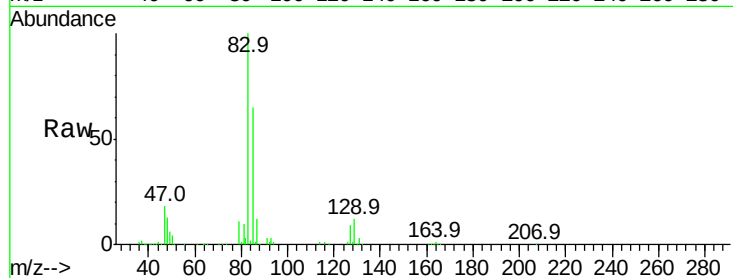
Tot Ion: 83 Resp: 158382

Ion Ratio Lower Upper

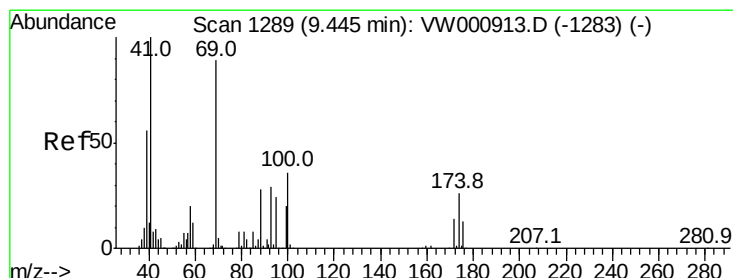
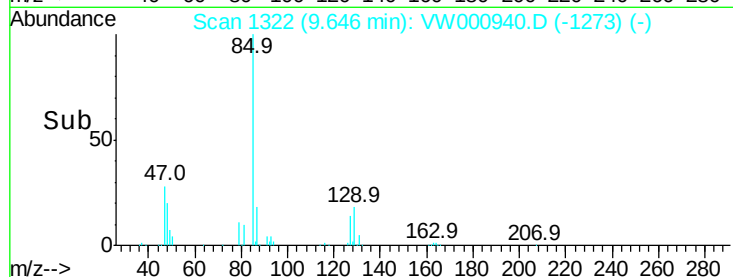
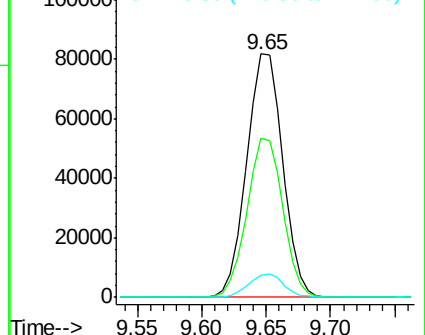
83 100

85 65.4 52.0 78.0

127 9.3 6.8 10.2



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



#48

Methyl methacrylate

Concen: 47.980 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

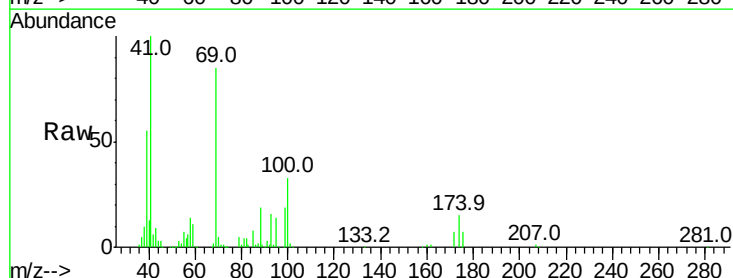
Tgt Ion: 41 Resp: 76289

Ion Ratio Lower Upper

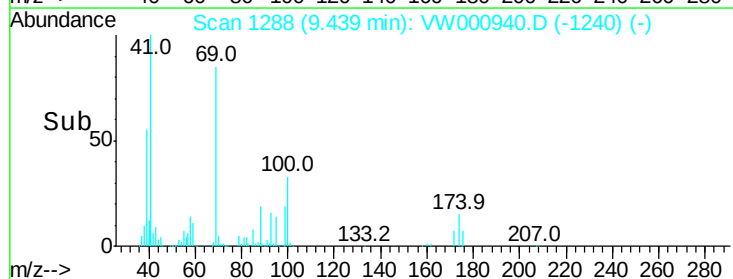
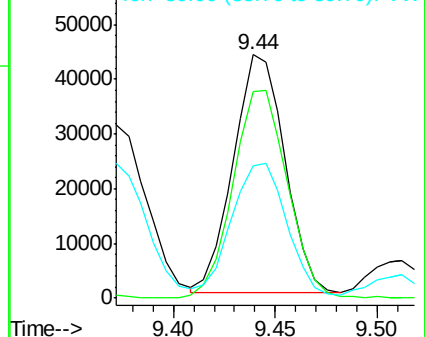
41 100

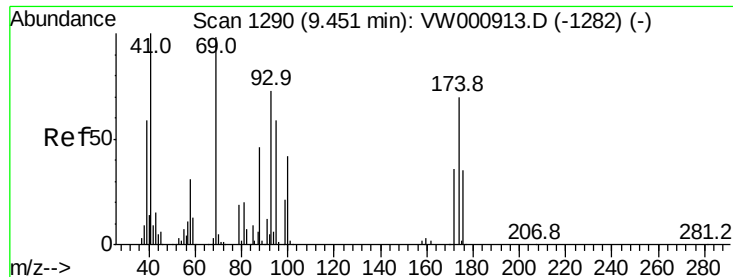
69 92.6 72.9 109.3

39 61.3 48.4 72.6



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





#49

1,4-Dioxane

Concen: 907.577 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :
MSVOA_W
ClientSampleId :

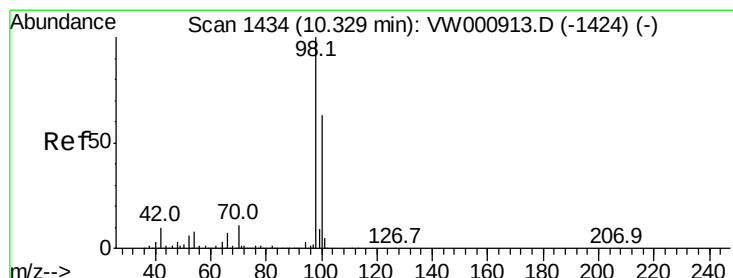
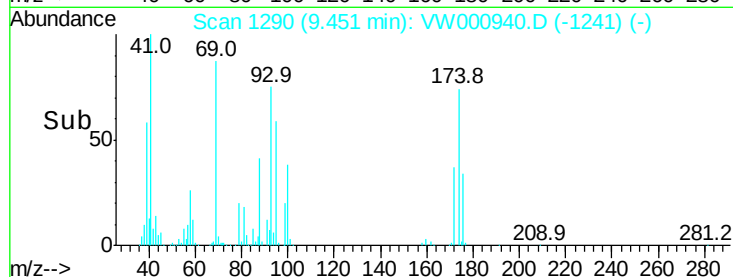
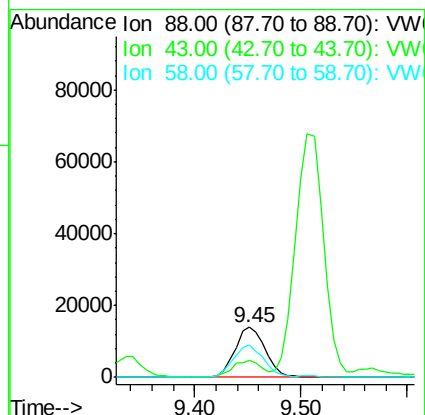
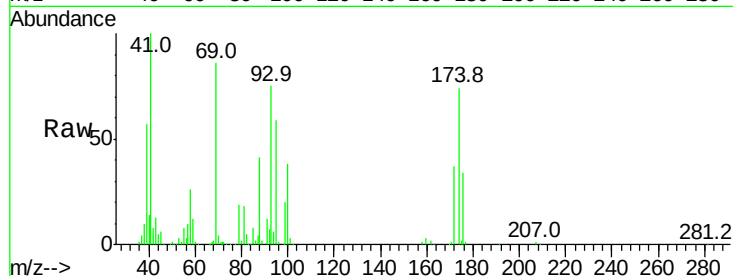
Tot Ion: 88 Resp: 27816

Ion Ratio Lower Upper

88 100

43 30.9 24.5 36.7

58 65.0 54.7 82.1



#50

Toluene-d8

Concen: 52.455 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW000940.D

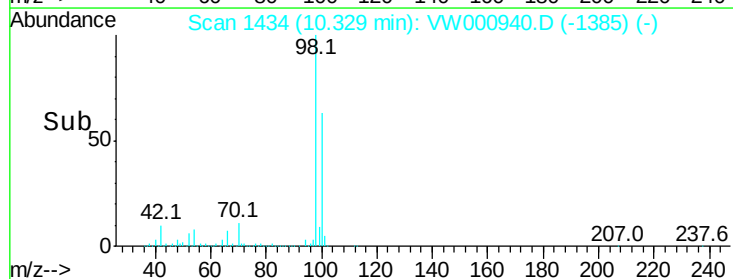
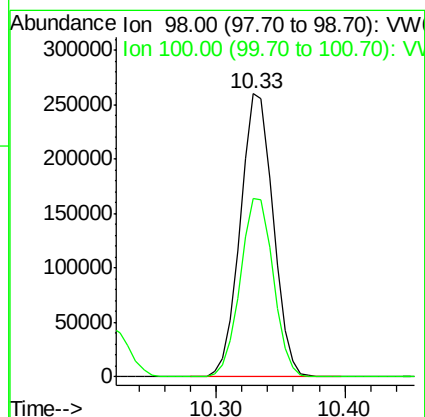
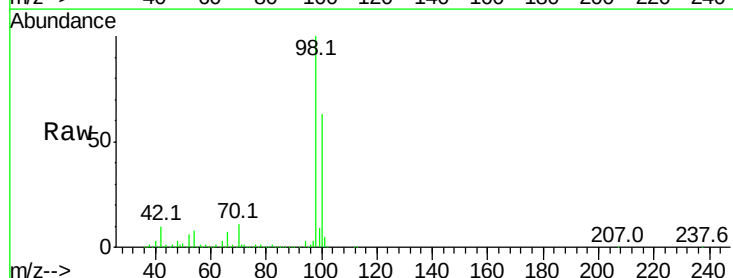
Acq: 24 Jan 2018 10:20

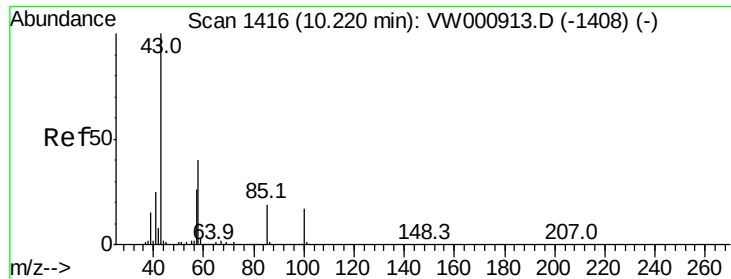
Tgt Ion: 98 Resp: 459354

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 234.607 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

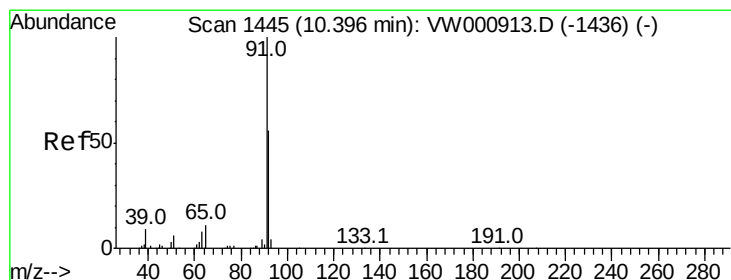
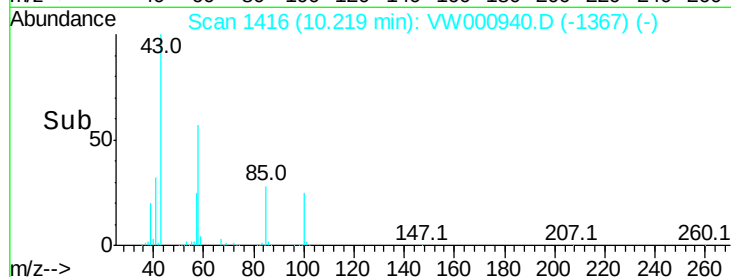
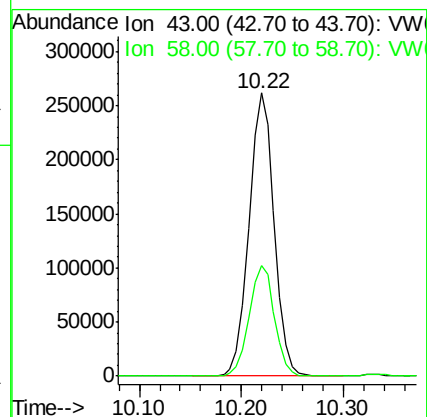
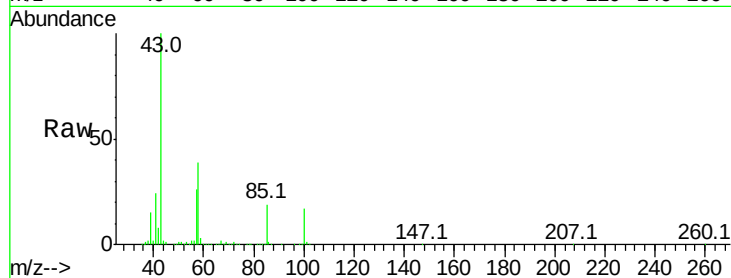
ClientSampleId :

Tot Ion: 43 Resp: 446920

Ion Ratio Lower Upper

43 100

58 39.3 32.0 48.0



#52

Toluene

Concen: 52.170 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW000940.D

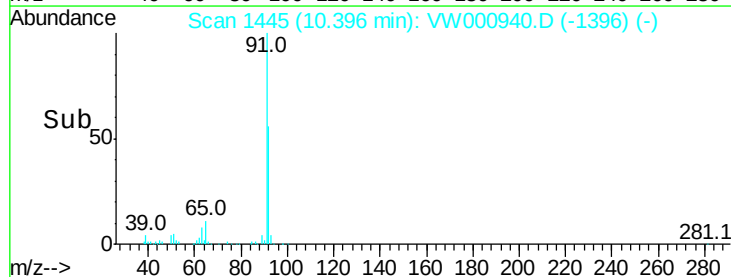
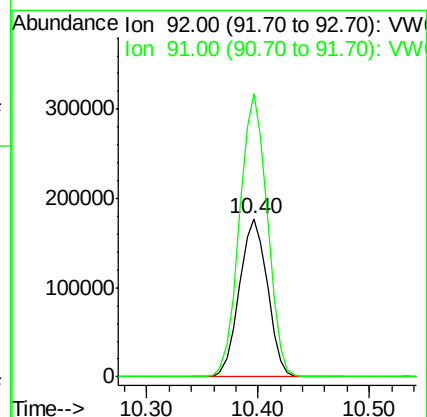
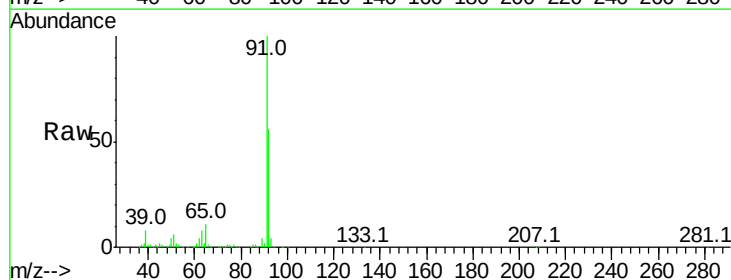
Acq: 24 Jan 2018 10:20

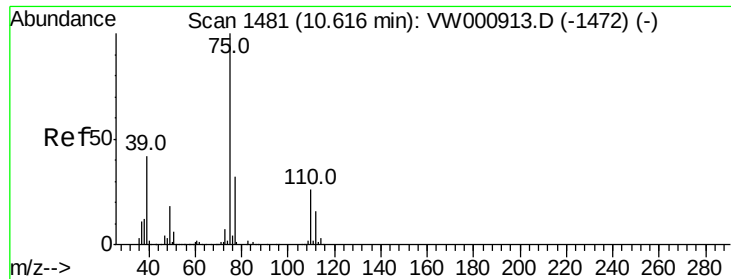
Tgt Ion: 92 Resp: 310038

Ion Ratio Lower Upper

92 100

91 176.8 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 50.921 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

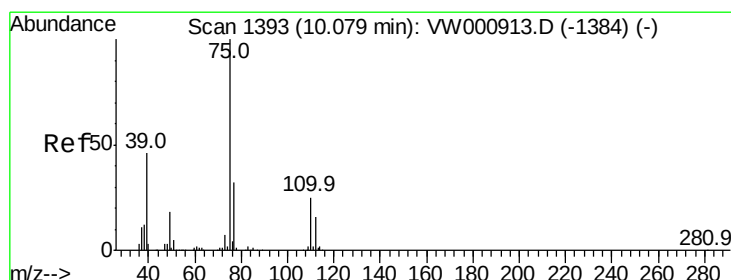
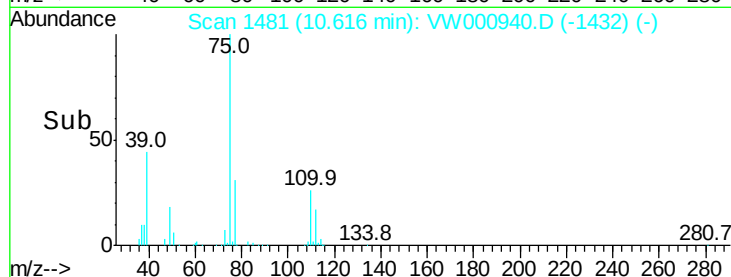
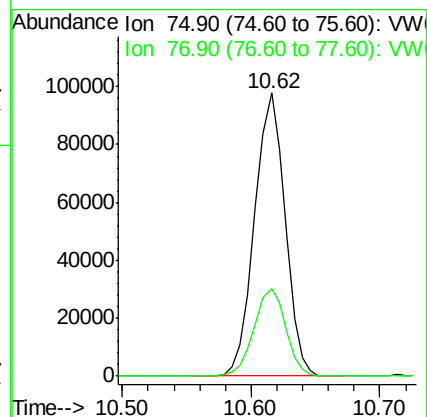
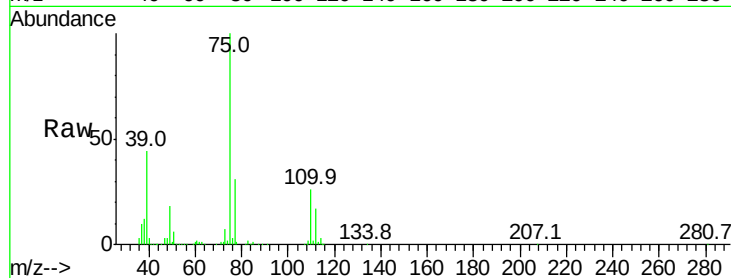
ClientSampled :

Tot Ion: 75 Resp: 159984

Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.621 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

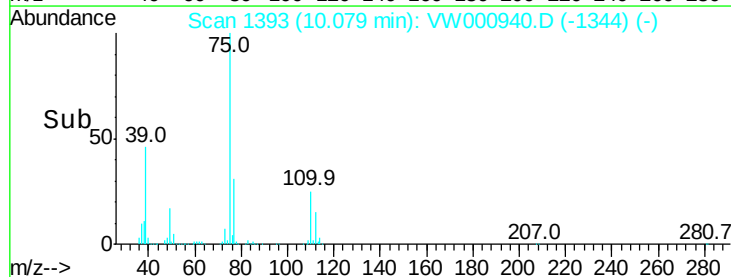
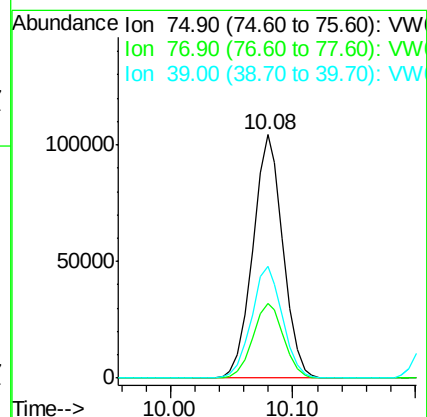
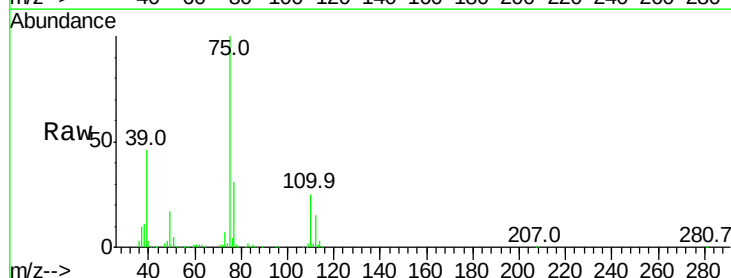
Tgt Ion: 75 Resp: 178421

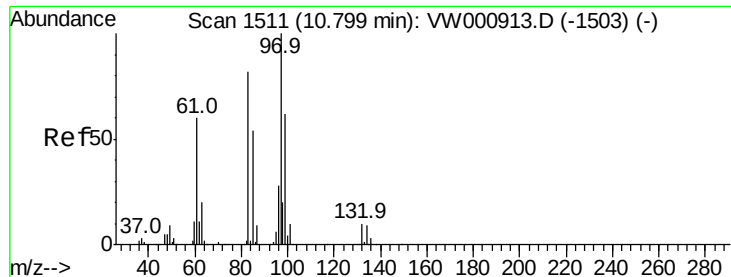
Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

39 45.8 37.0 55.6

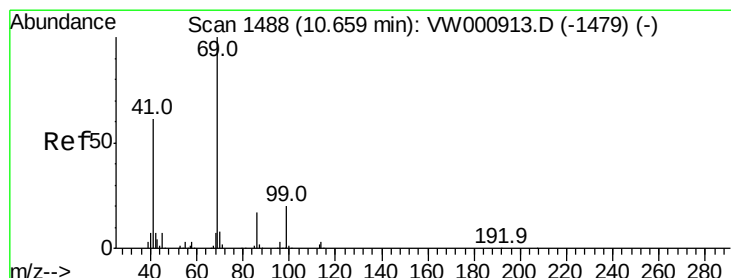
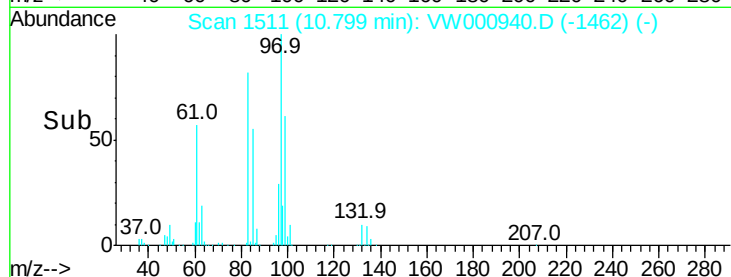
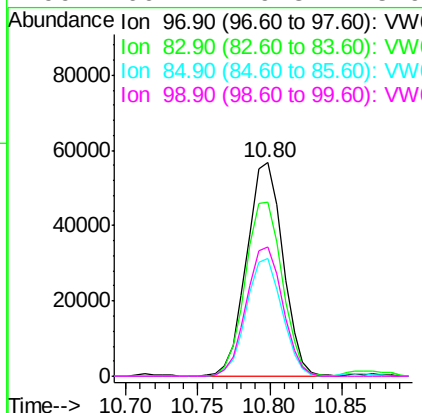
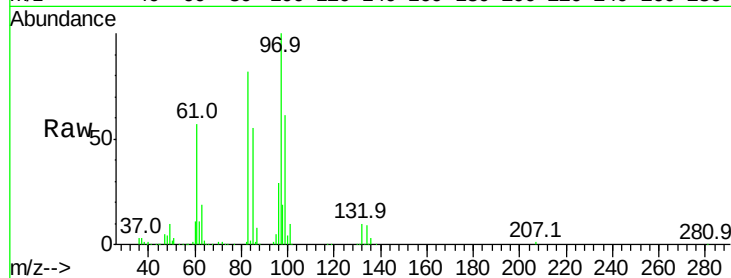




#55
 1,1,2-Trichloroethane
 Concen: 50.520 ug/l
 RT: 10.80 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

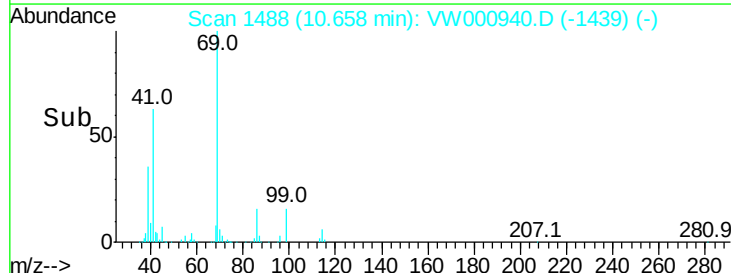
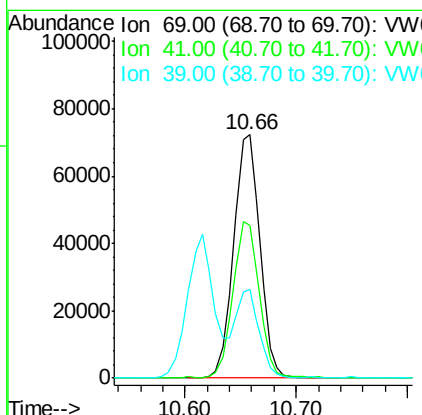
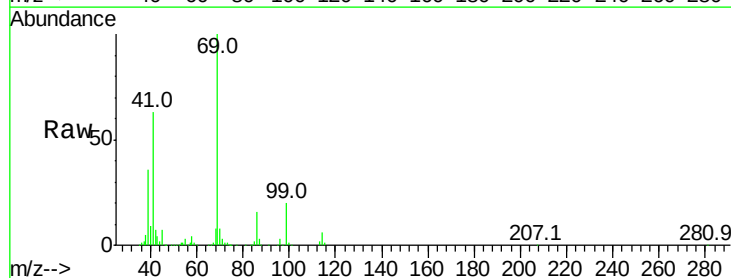
Instrument :
 MSVOA_W
 ClientSampled :

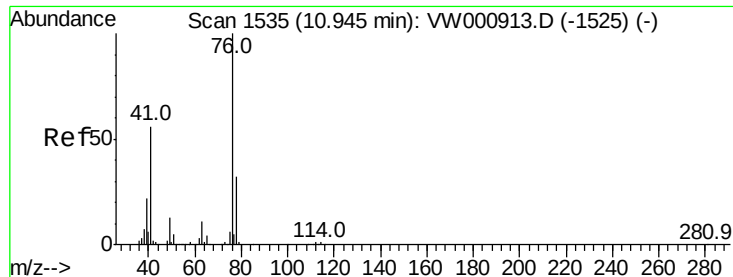
Tot Ion:	97	Resp:	98919
Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.2	97.8
85	55.4	43.1	64.7
99	60.7	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 45.175 ug/l
 RT: 10.66 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion:	69	Resp:	117806
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.3	75.5
39	34.7	28.6	42.8





#57

1,3-Dichloropropane

Concen: 50.416 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

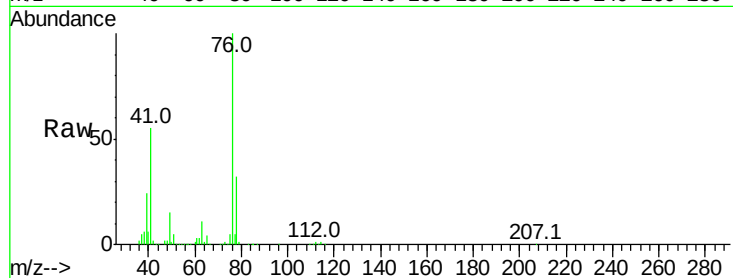
ClientSampleId :

Tot Ion: 76 Resp: 161215

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

80000

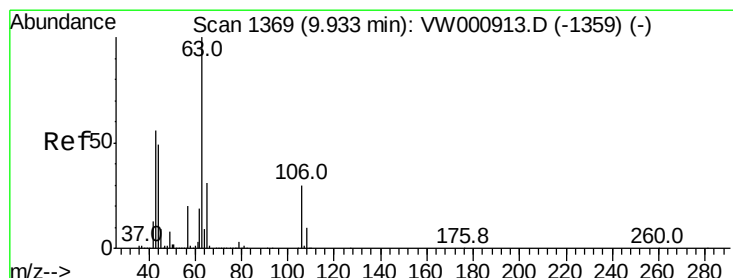
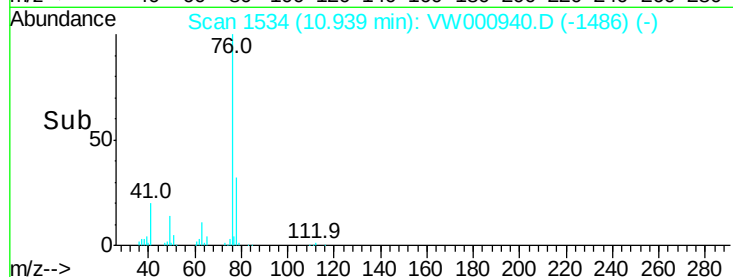
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 229.833 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW000940.D

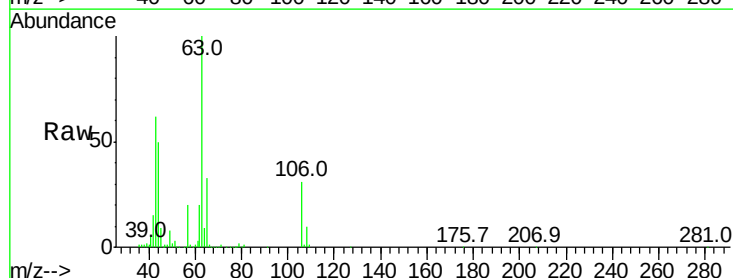
Acq: 24 Jan 2018 10:20

Tgt Ion: 63 Resp: 339428

Ion Ratio Lower Upper

63 100

106 30.0 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

200000

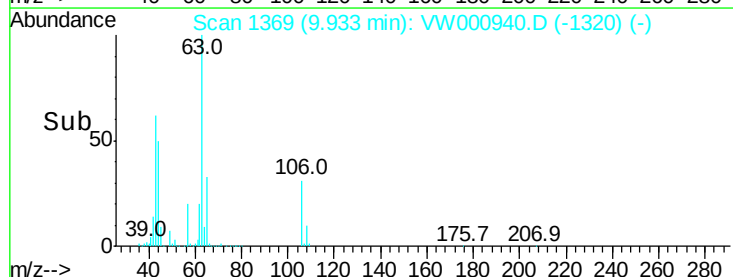
150000

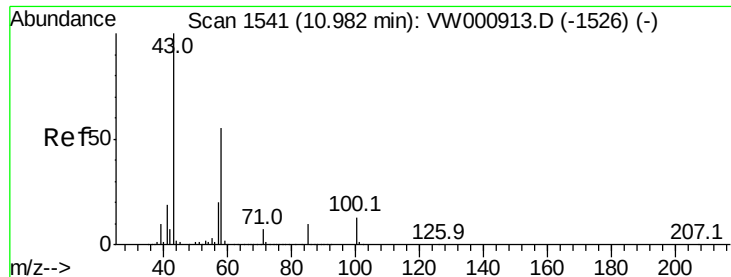
100000

50000

0

Time-->

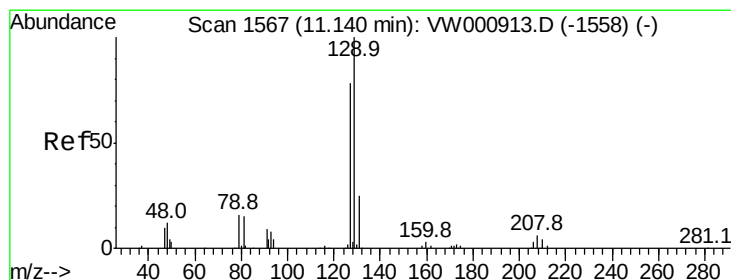
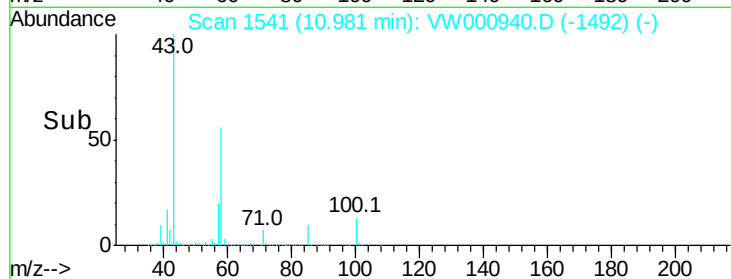
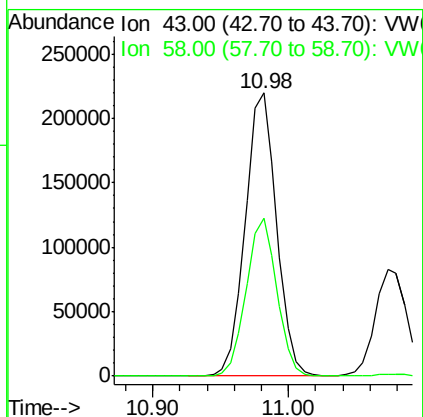
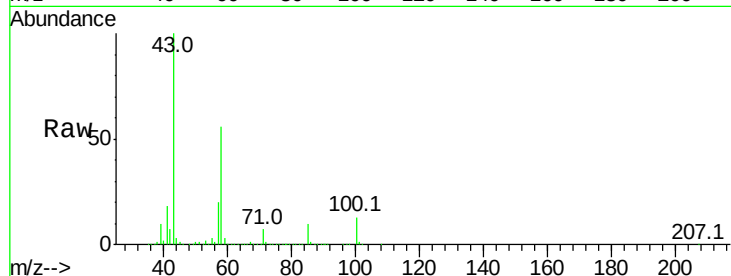




#59
2-Hexanone
Concen: 213.266 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

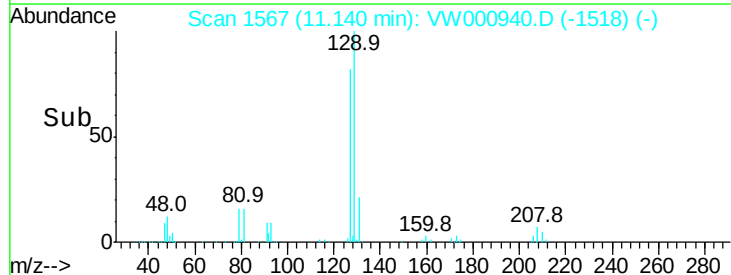
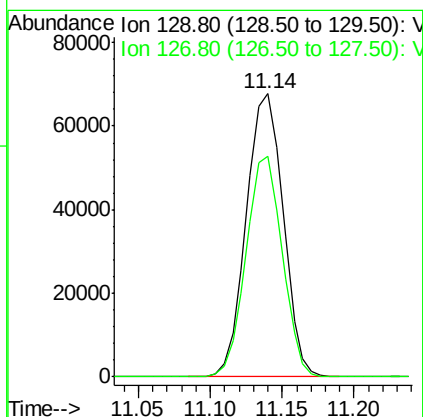
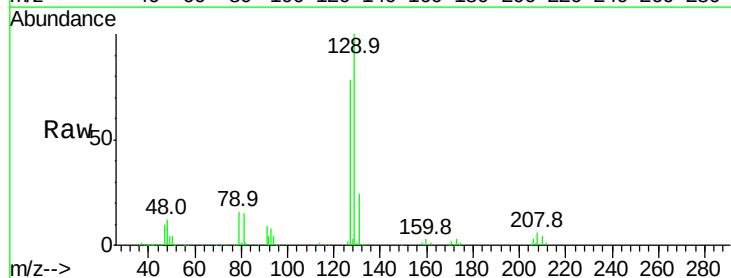
Instrument :
MSVOA_W
ClientSampled :

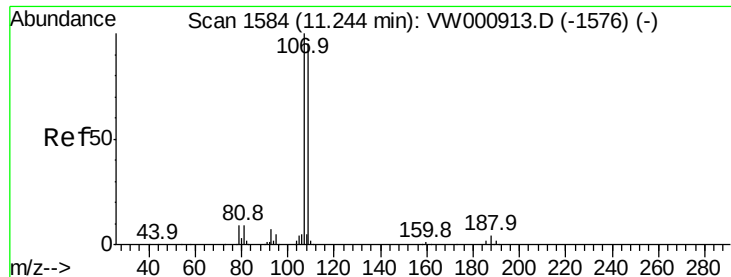
Tot Ion: 43 Resp: 353318
Ion Ratio Lower Upper
43 100
58 54.9 27.4 82.2



#60
Dibromochloromethane
Concen: 50.861 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 129 Resp: 120282
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2

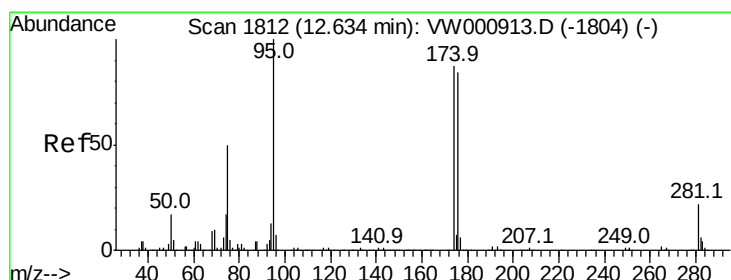
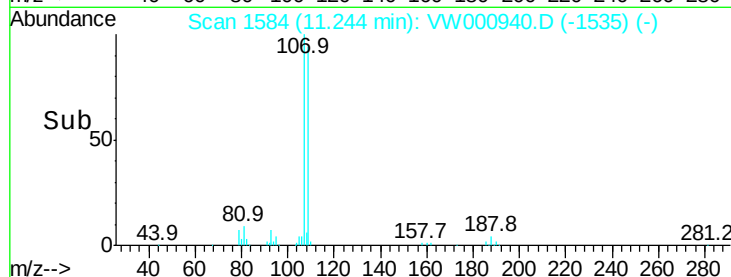
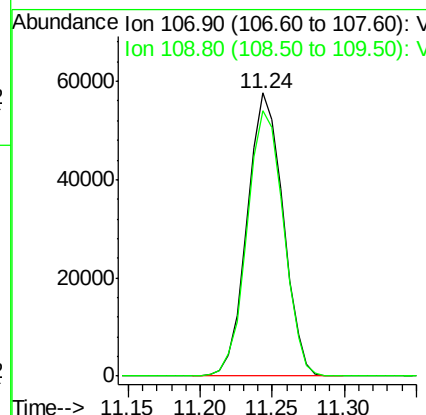
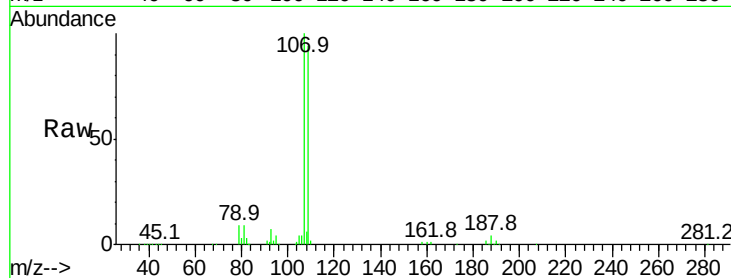




#61
 1,2-Dibromoethane
 Concen: 48.678 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

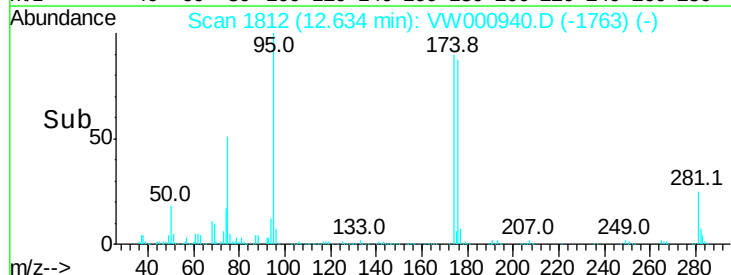
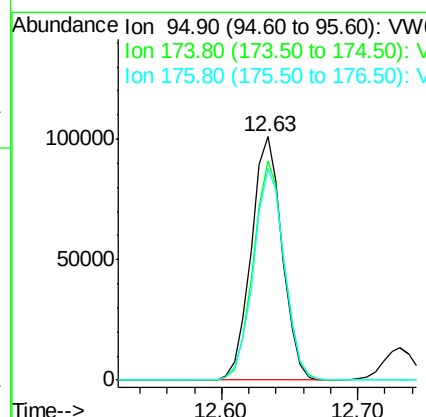
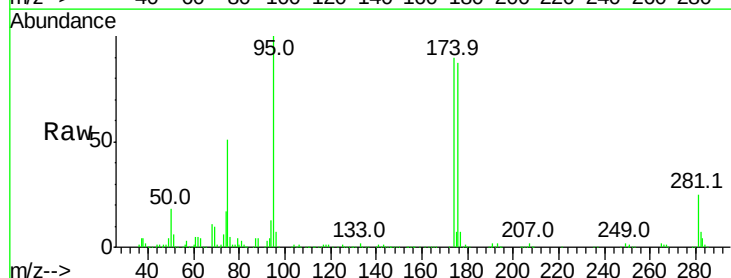
Instrument :
 MSVOA_W
 ClientSampleId :

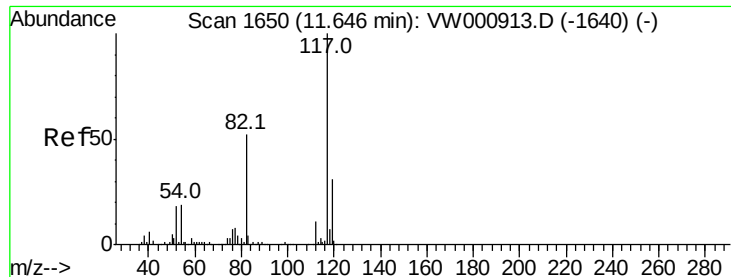
Tot Ion:107 Resp: 99303
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 50.524 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion: 95 Resp: 161130
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 176.8
 176 86.8 0.0 171.8

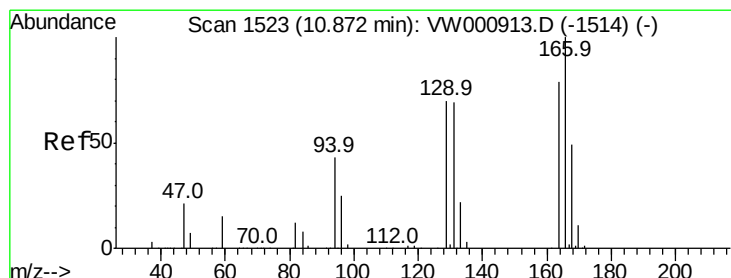
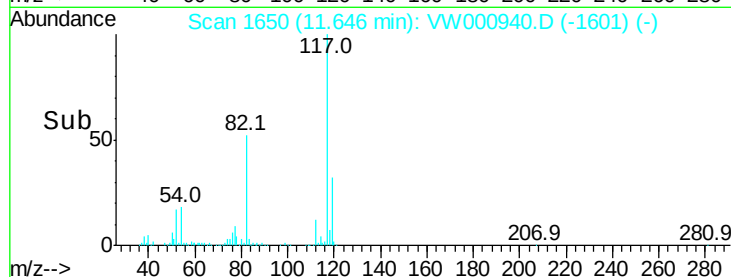
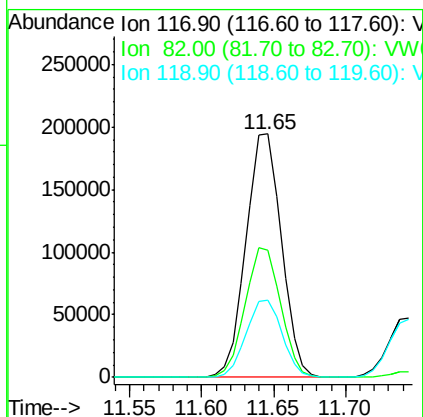
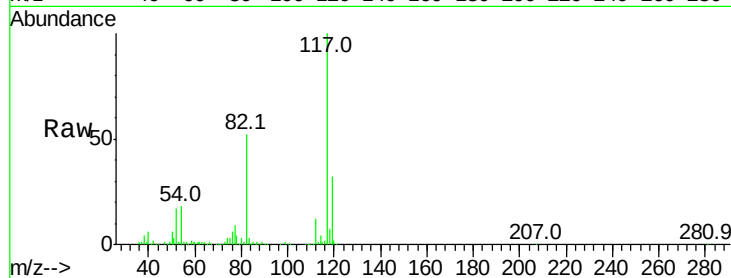




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

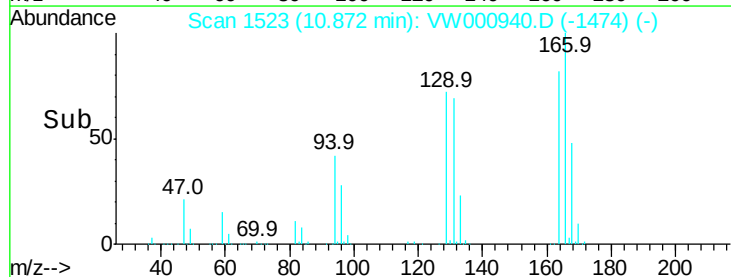
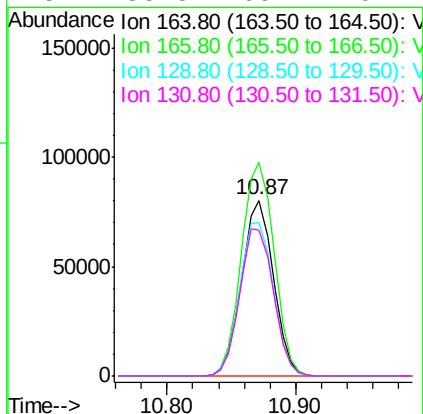
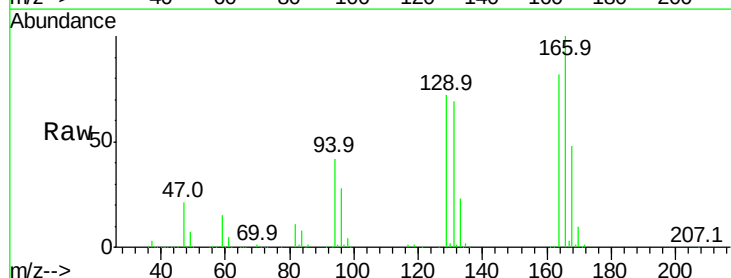
Instrument :
MSVOA_W
ClientSampleId :

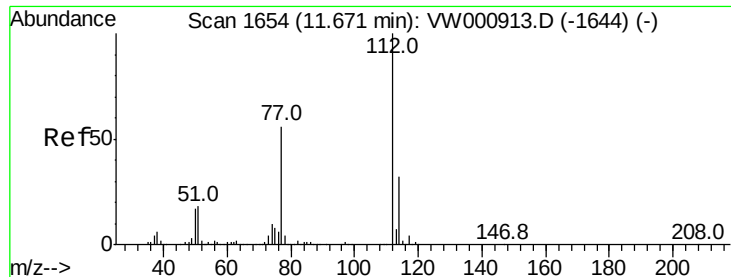
Tot Ion:117 Resp: 331751
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 49.714 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion:164 Resp: 136883
Ion Ratio Lower Upper
164 100
166 121.5 100.9 151.3
129 87.8 70.5 105.7
131 83.3 69.4 104.2

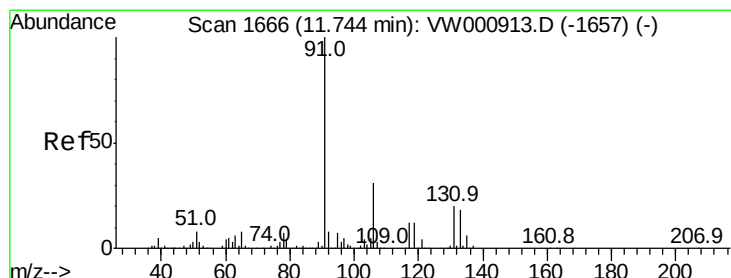
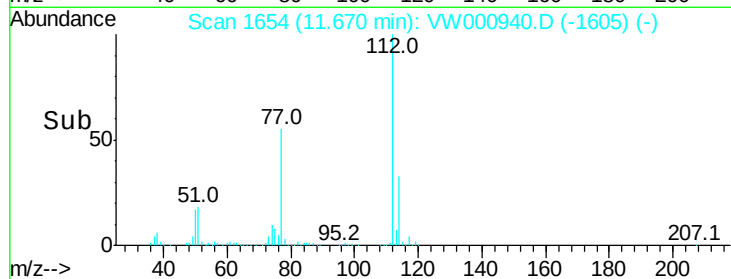
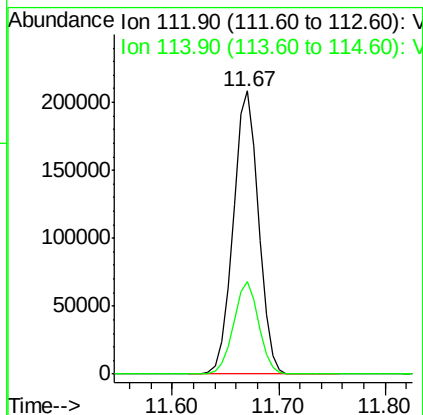
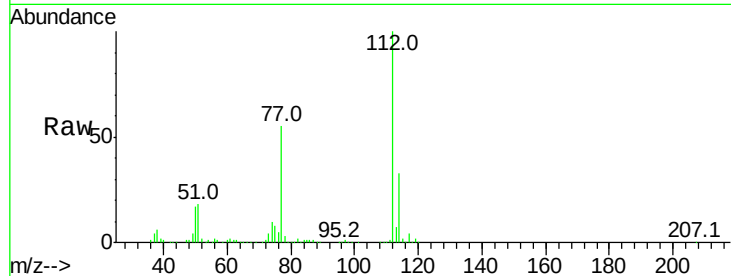




#65
Chlorobenzene
Concen: 50.969 ug/l
RT: 11.67 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

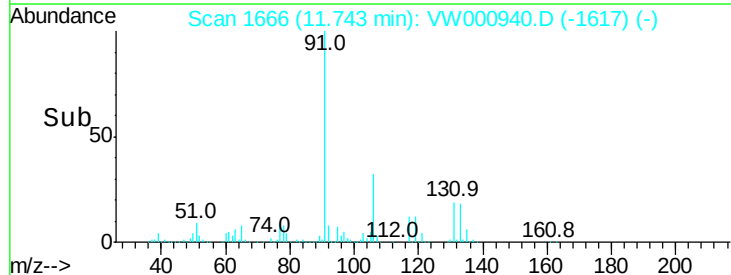
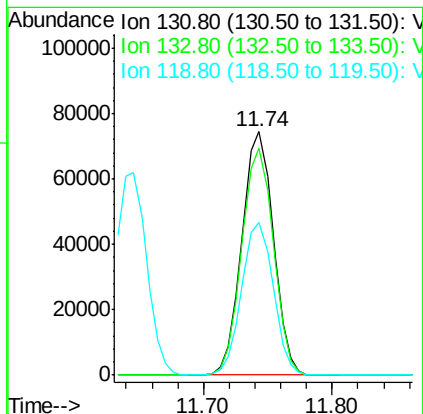
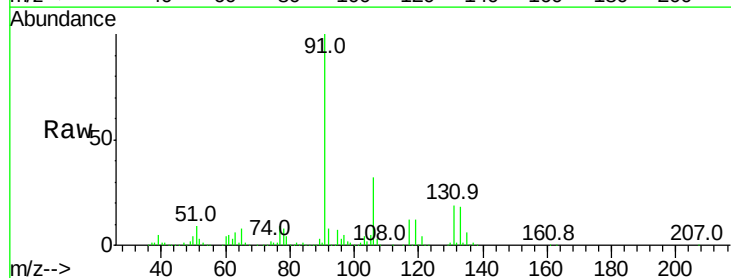
Instrument :
MSVOA_W
ClientSampled :

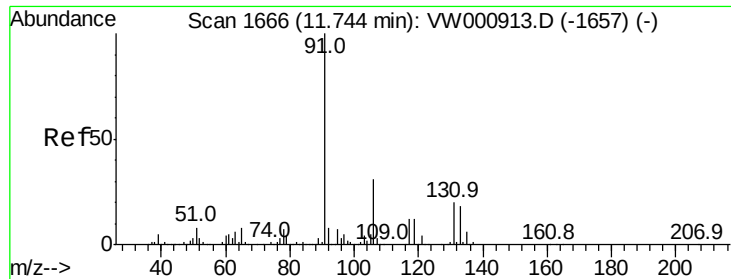
Tot Ion:112 Resp: 346917
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.557 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion:131 Resp: 126009
Ion Ratio Lower Upper
131 100
133 93.9 47.3 142.0
119 63.1 31.6 94.7

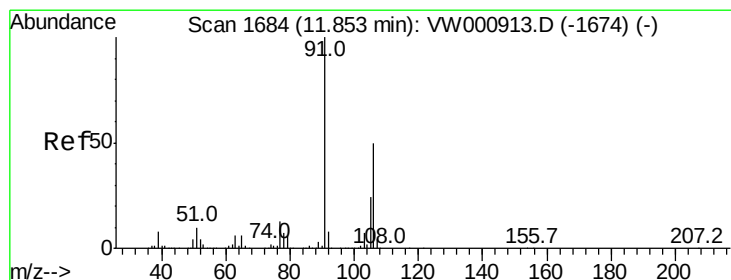
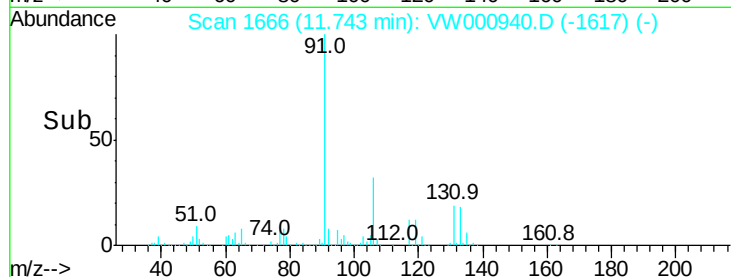
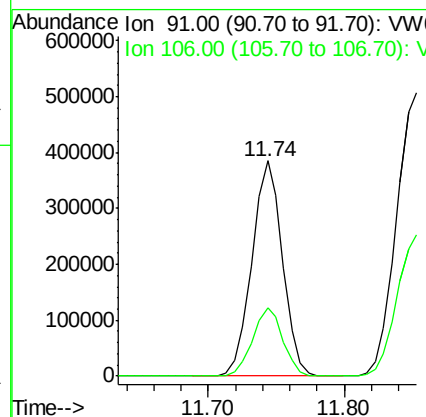
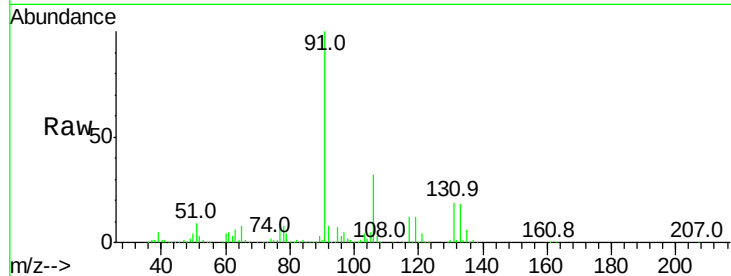




#67
Ethyl Benzene
Concen: 52.511 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

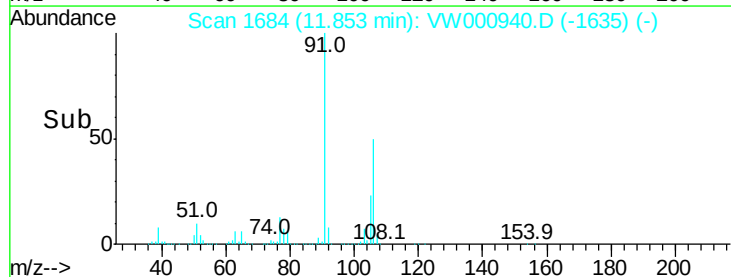
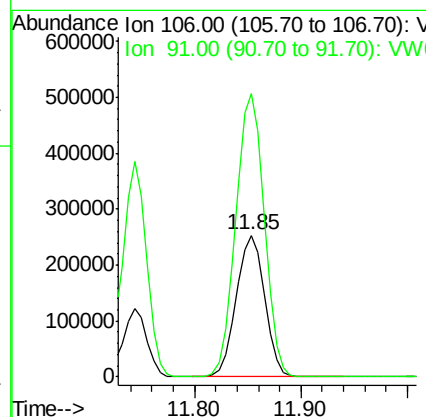
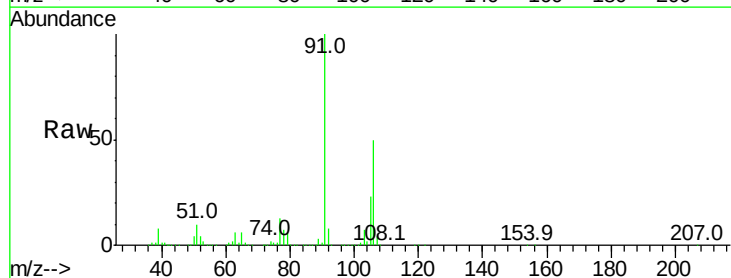
Instrument :
MSVOA_W
ClientSampled :

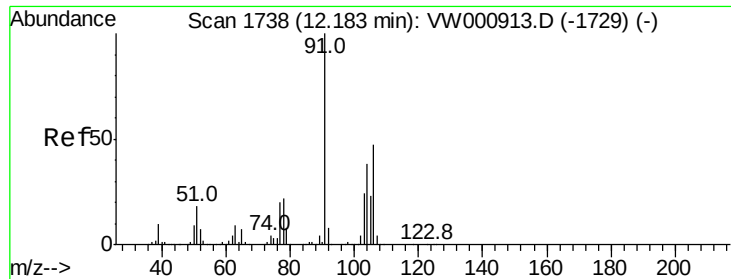
Tot Ion: 91 Resp: 603741
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 106.248 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 106 Resp: 474810
Ion Ratio Lower Upper
106 100
91 200.8 161.9 242.9

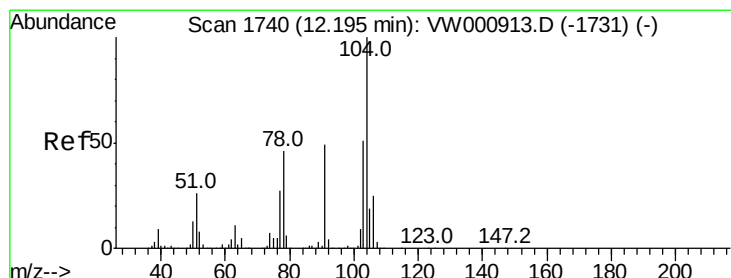
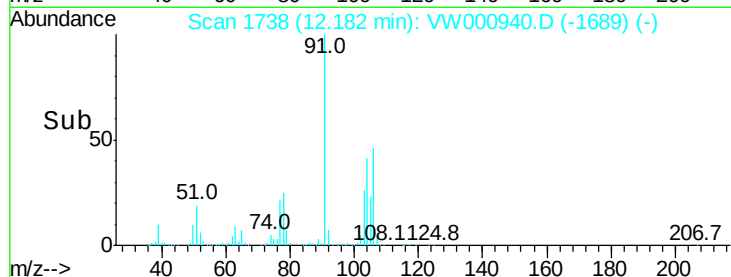
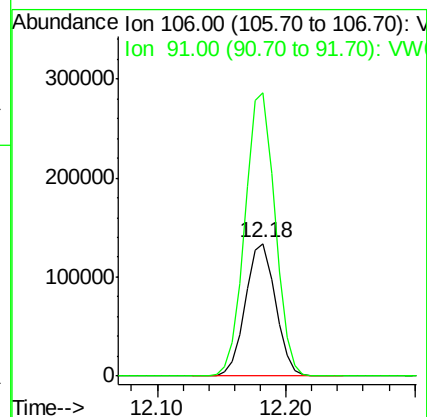
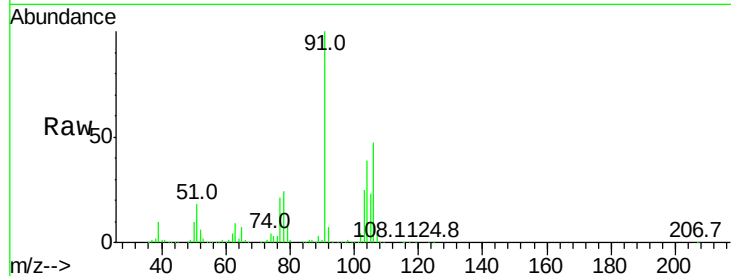




#69
o-Xylene
Concen: 52.545 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

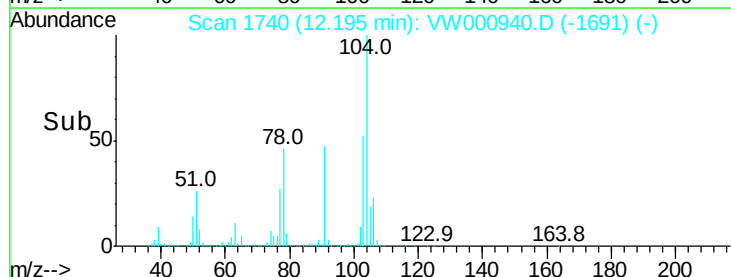
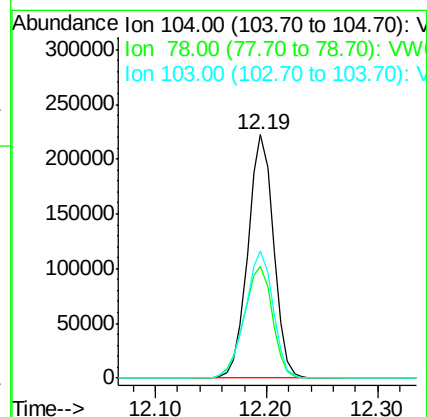
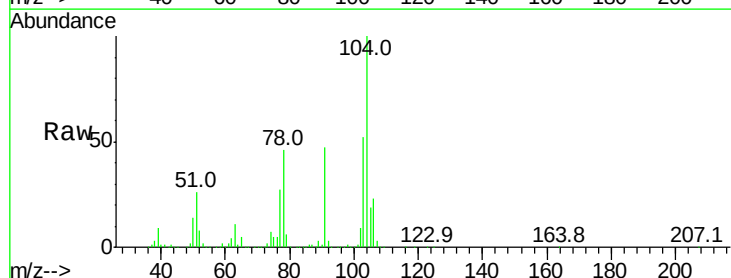
Instrument :
MSVOA_W
ClientSampleId :

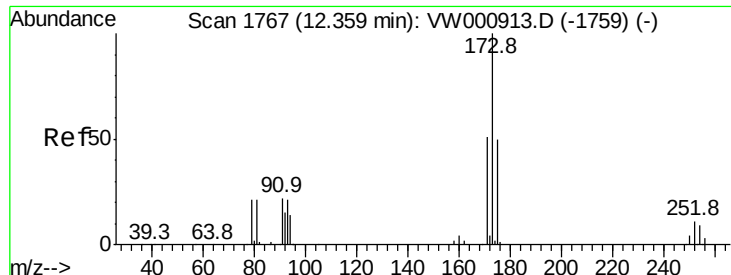
Tot Ion:106 Resp: 215336
Ion Ratio Lower Upper
106 100
91 213.7 106.3 318.8



#70
Styrene
Concen: 53.408 ug/l
RT: 12.19 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion:104 Resp: 356788
Ion Ratio Lower Upper
104 100
78 50.9 40.1 60.1
103 56.5 44.6 66.8





#71

Bromoform

Concen: 49.631 ug/l

RT: 12.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampleId :

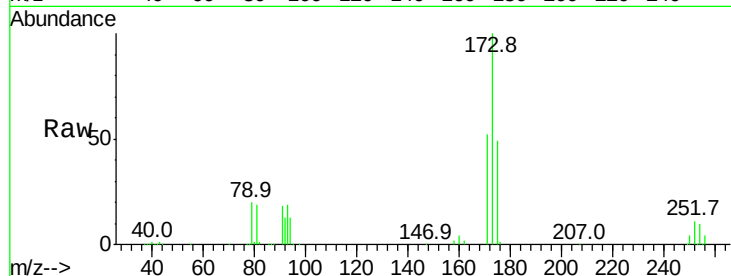
Tot Ion:173 Resp: 82296

Ion Ratio Lower Upper

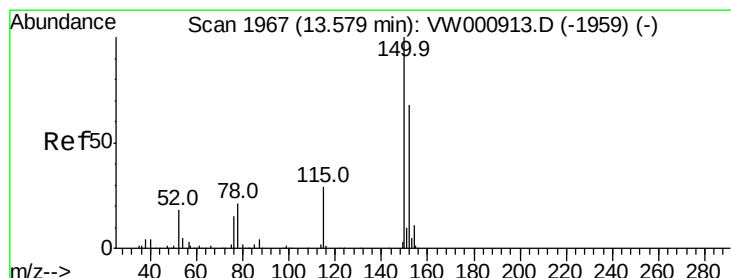
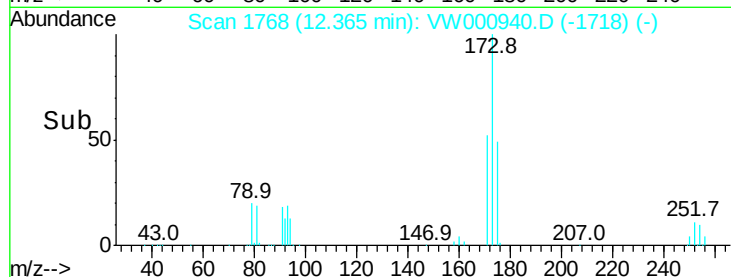
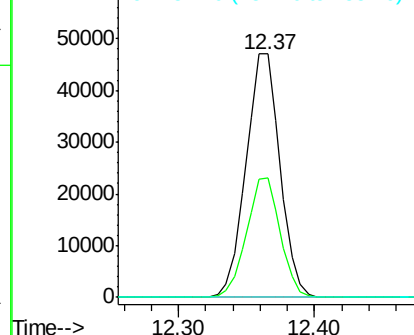
173 100

175 48.5 24.7 74.1

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1967

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

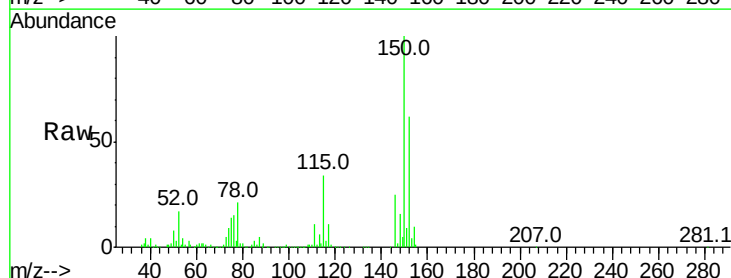
Tgt Ion:152 Resp: 176883

Ion Ratio Lower Upper

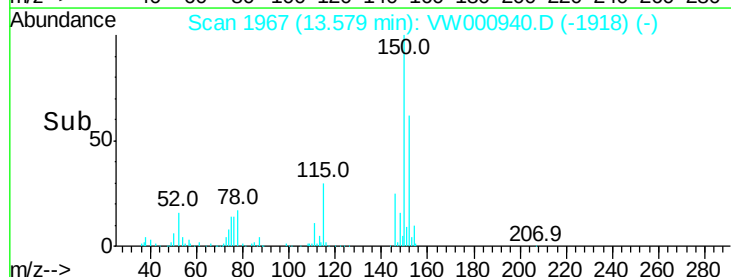
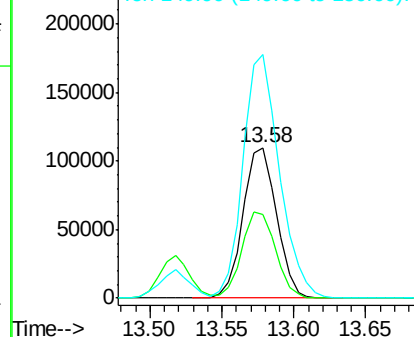
152 100

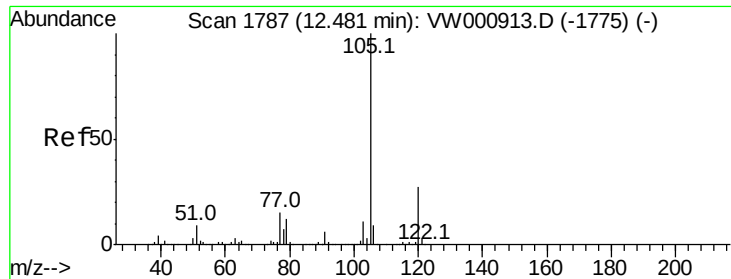
115 57.9 28.5 85.5

150 175.9 0.0 342.0



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





#73

Isopropylbenzene

Concen: 53.383 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

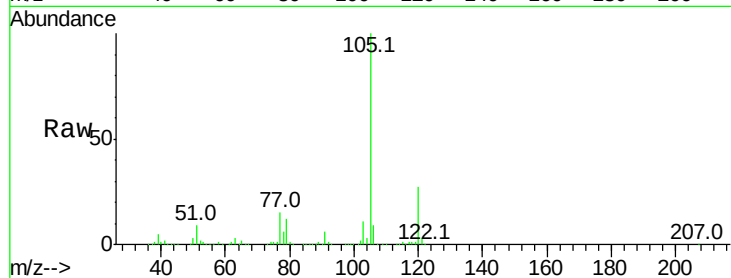
ClientSampled :

Tot Ion:105 Resp: 610150

Ion Ratio Lower Upper

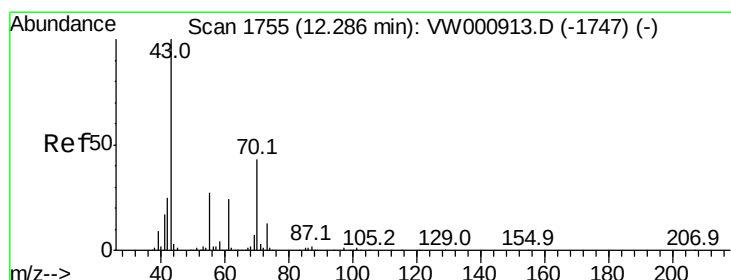
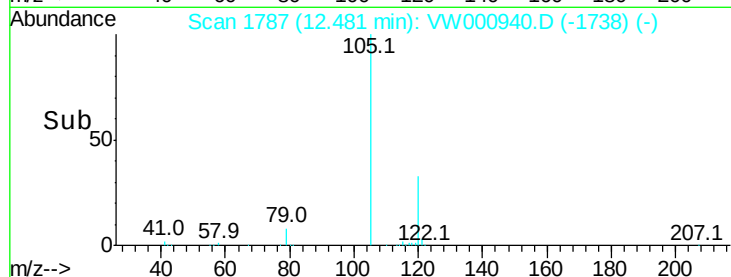
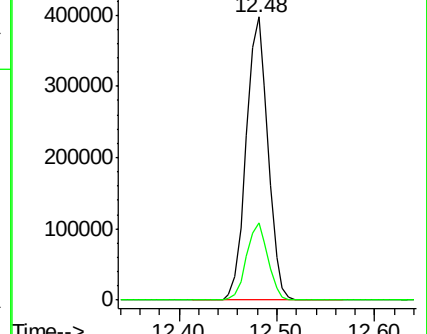
105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.065 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Tgt Ion: 43 Resp: 136172

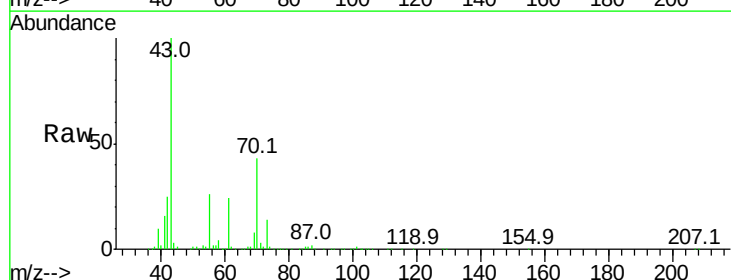
Ion Ratio Lower Upper

43 100

70 44.3 35.8 53.8

55 27.9 21.4 32.2

61 24.9 19.5 29.3

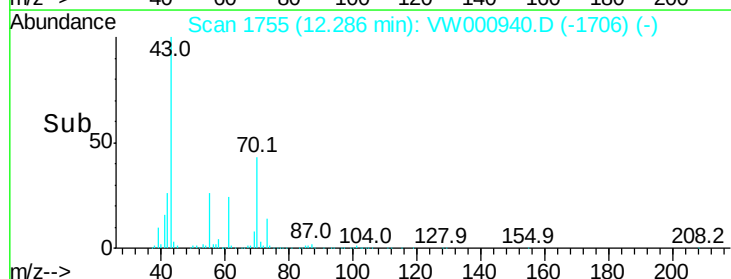
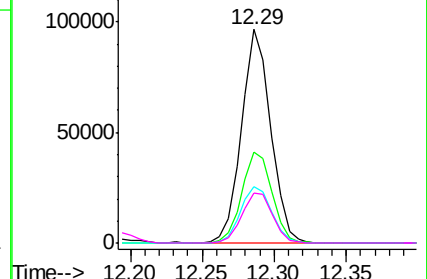


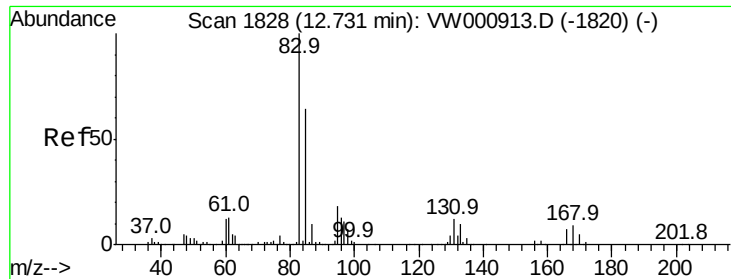
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 50.086 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampled :

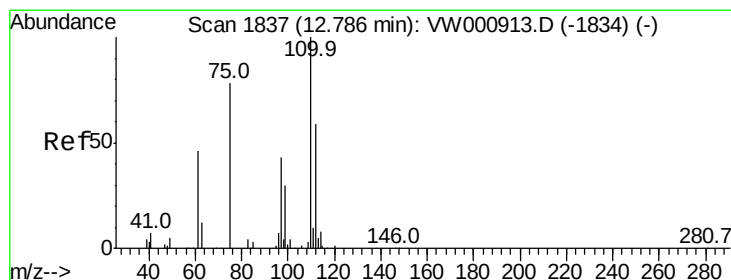
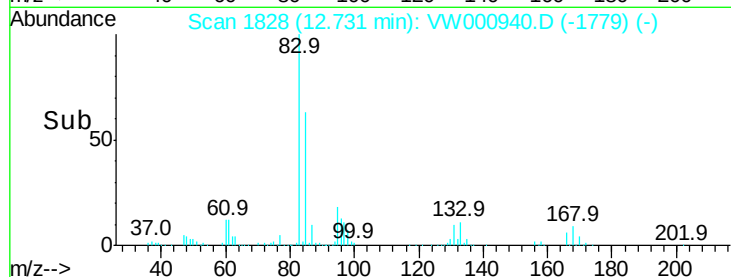
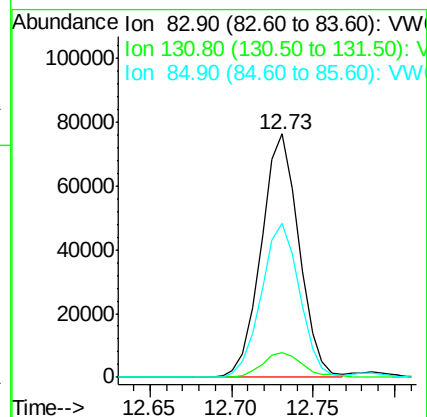
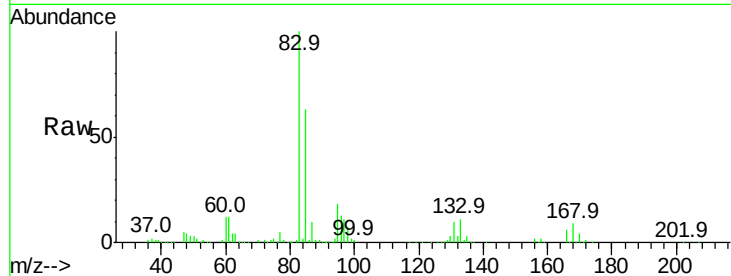
Tot Ion: 83 Resp: 122352

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.7

85 64.0 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 81.187 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VW000940.D

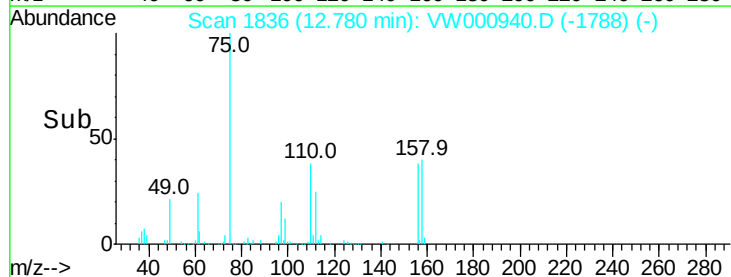
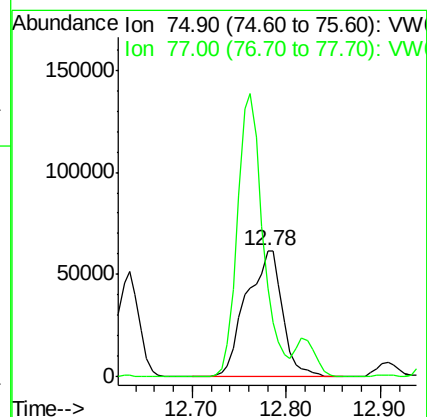
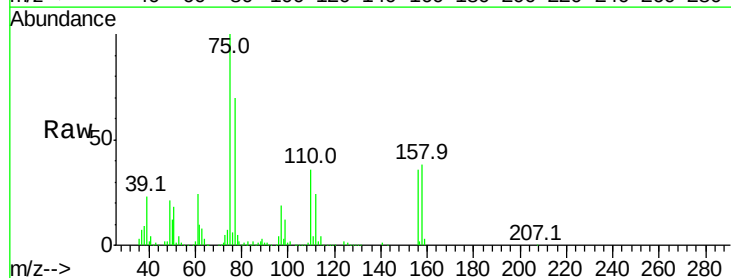
Acq: 24 Jan 2018 10:20

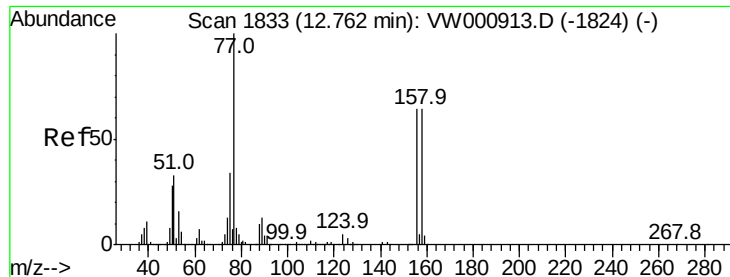
Tgt Ion: 75 Resp: 166175

Ion Ratio Lower Upper

75 100

77 158.5 0.0 0.0#





#77

Bromobenzene

Concen: 51.830 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampled :

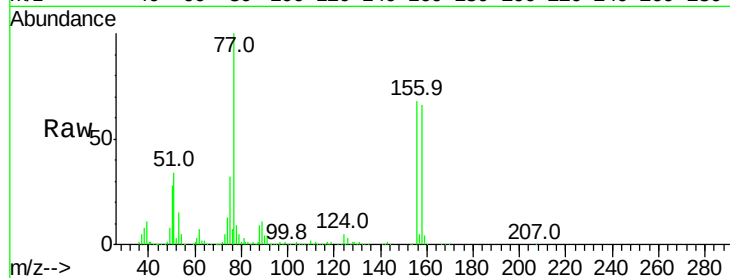
Tot Ion:156 Resp: 150713

Ion Ratio Lower Upper

156 100

77 174.8 89.0 267.1

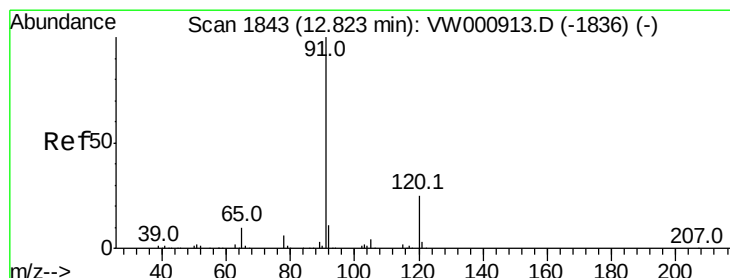
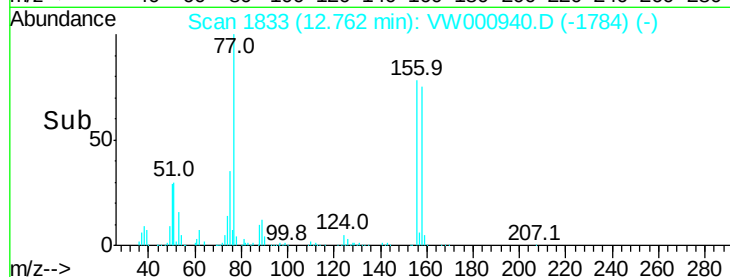
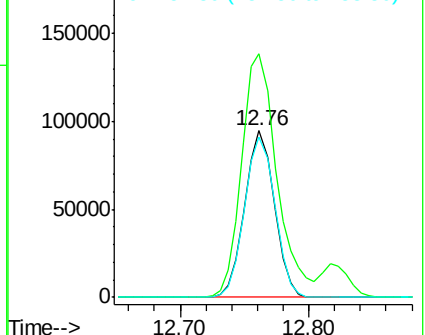
158 98.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.619 ug/l

RT: 12.82 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VW000940.D

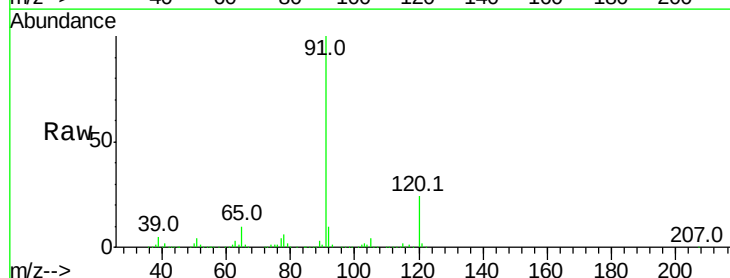
Acq: 24 Jan 2018 10:20

Tgt Ion: 91 Resp: 739368

Ion Ratio Lower Upper

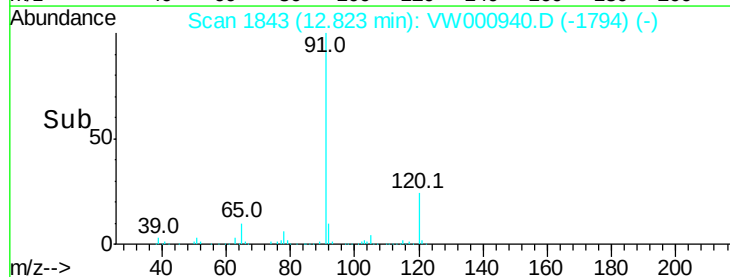
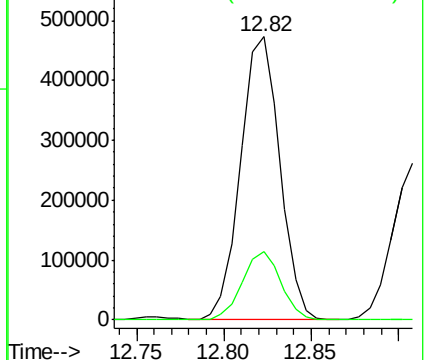
91 100

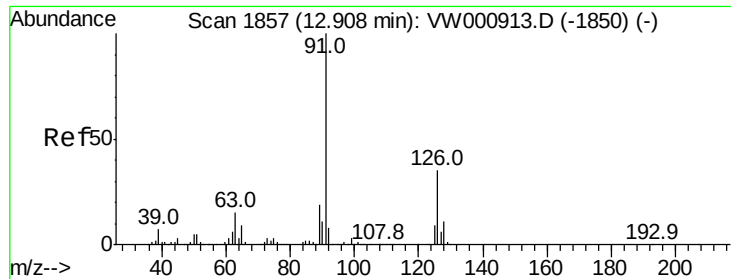
120 23.6 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

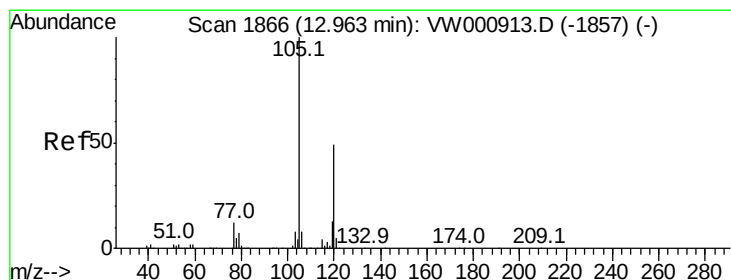
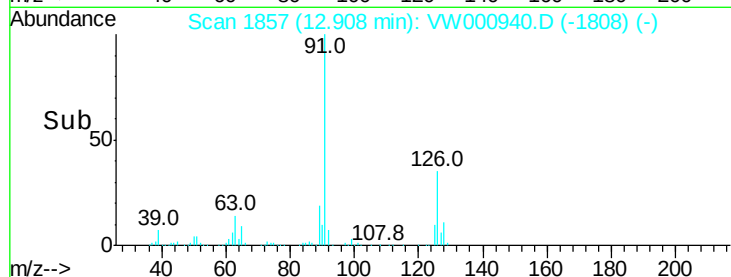
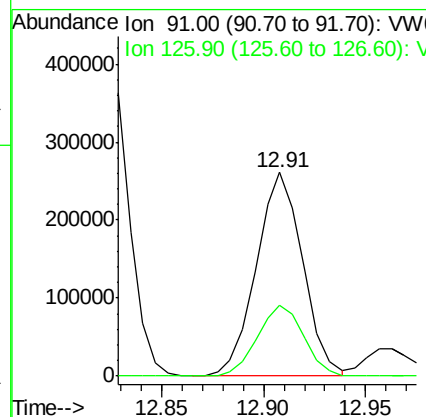
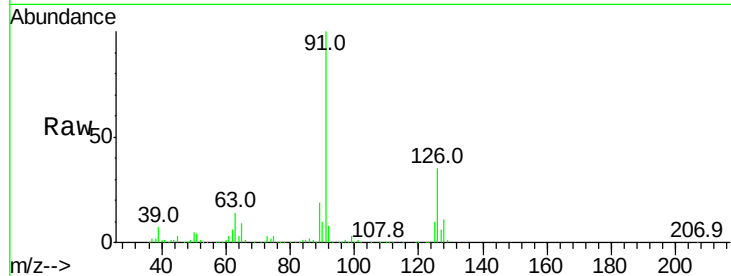




#79
 2-Chlorotoluene
 Concen: 53.009 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

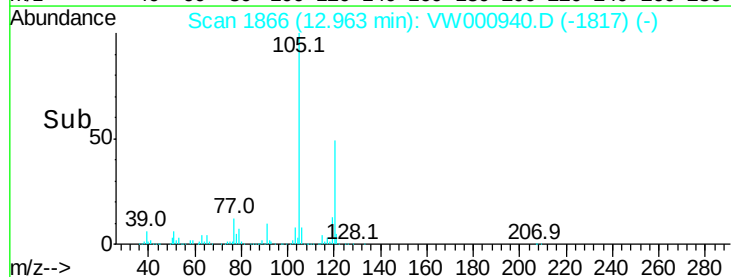
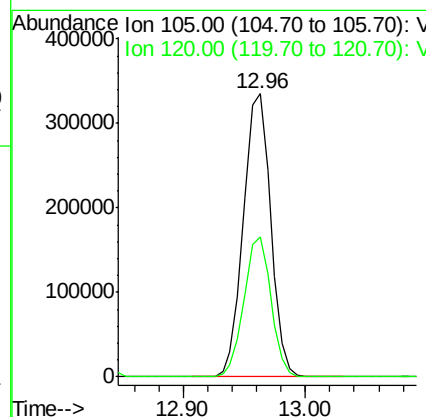
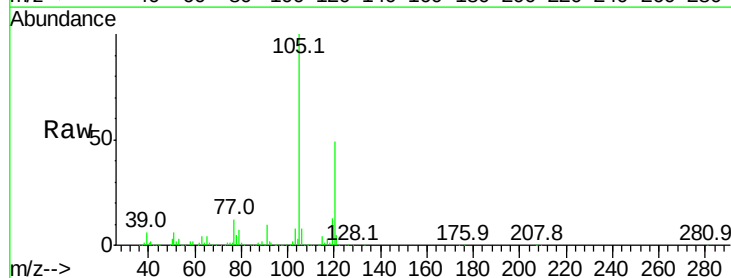
Instrument :
 MSVOA_W
 ClientSampled :

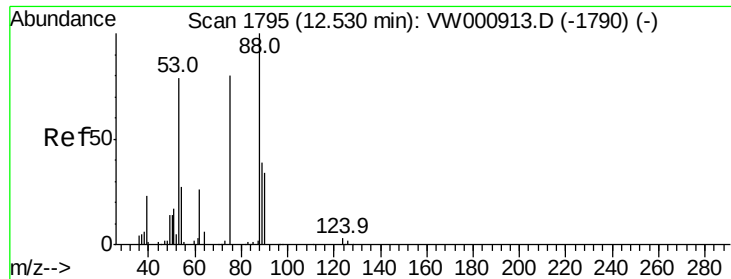
Tot Ion: 91 Resp: 412356
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.377 ug/l
 RT: 12.96 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion:105 Resp: 519004
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9

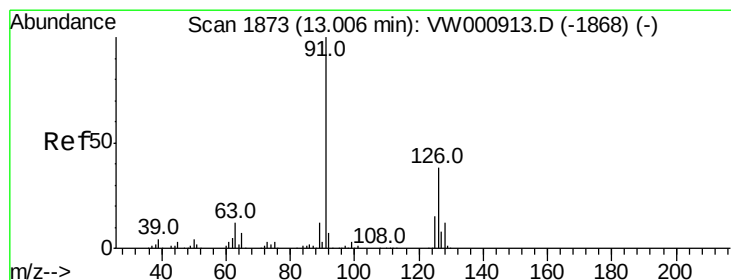
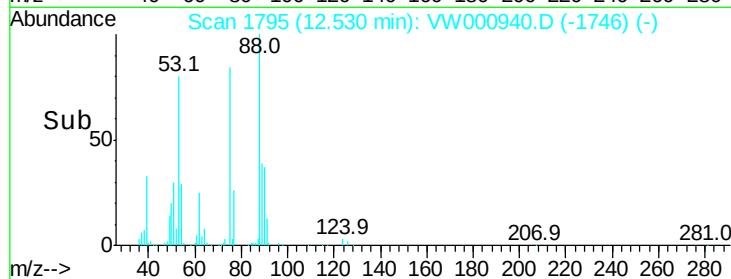
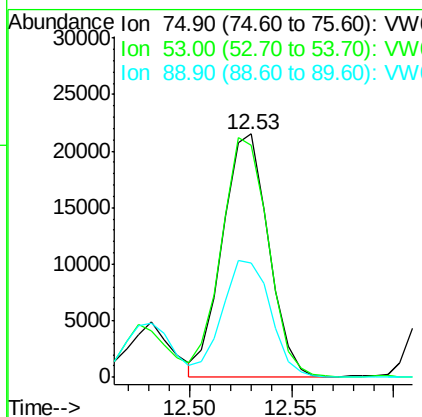
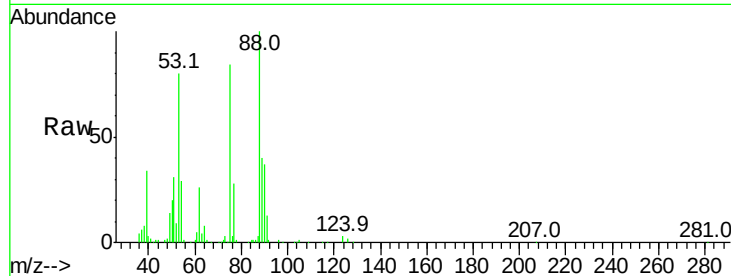




#81
trans-1,4-Dichloro-2-butene
Concen: 41.757 ug/l
RT: 12.53 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

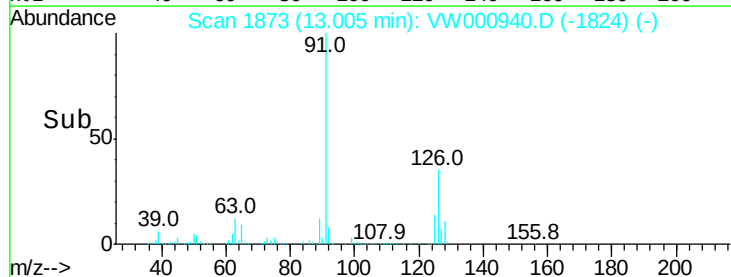
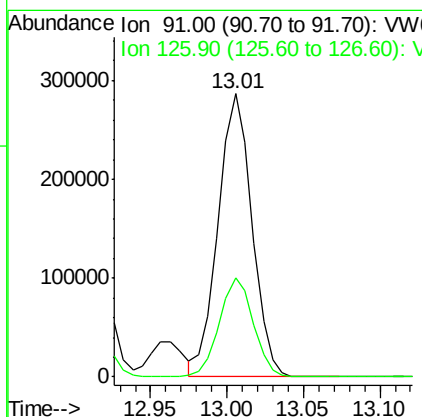
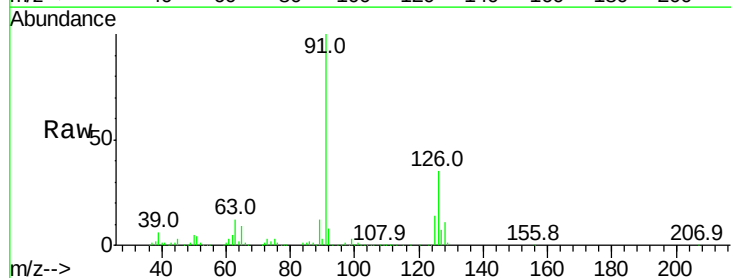
Instrument :
MSVOA_W
ClientSampled :

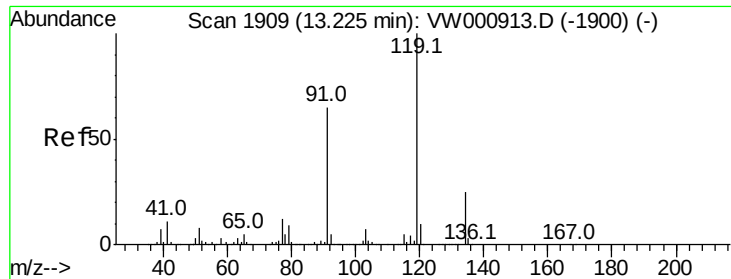
Tot Ion: 75 Resp: 33401
Ion Ratio Lower Upper
75 100
53 101.2 77.5 116.3
89 51.3 38.2 57.4



#82
4-Chlorotoluene
Concen: 53.156 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 91 Resp: 439301
Ion Ratio Lower Upper
91 100
126 35.0 17.6 52.9

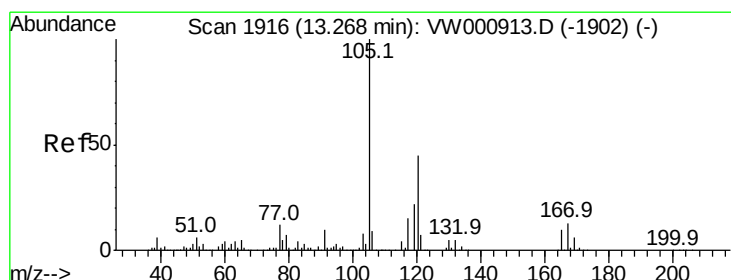
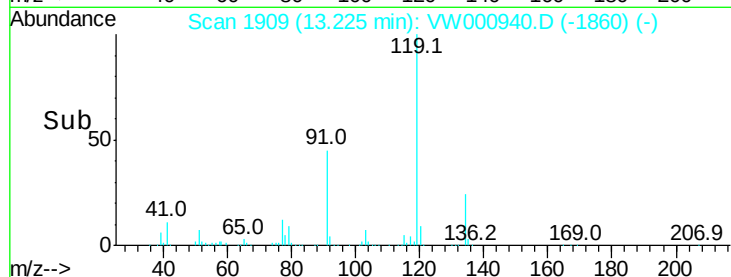
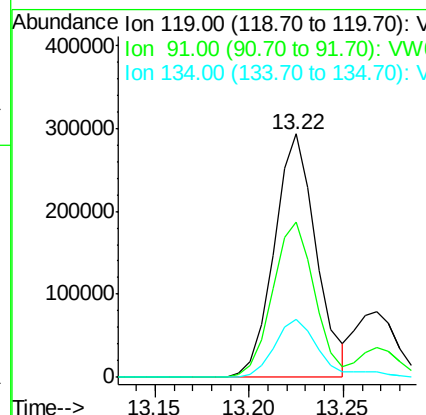
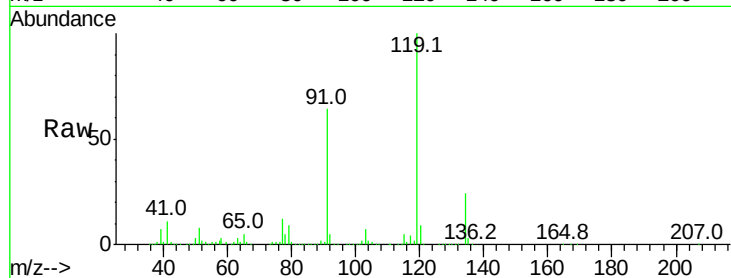




#83
 tert-Butylbenzene
 Concen: 52.986 ug/l
 RT: 13.22 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

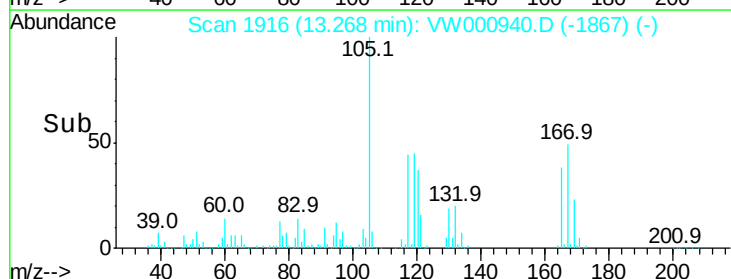
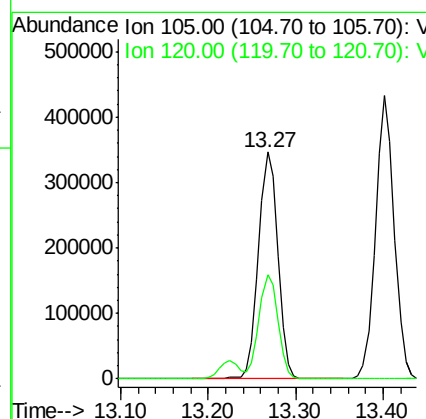
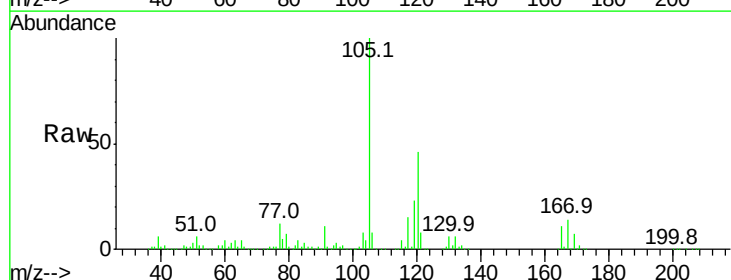
Instrument :
 MSVOA_W
 ClientSampleId :

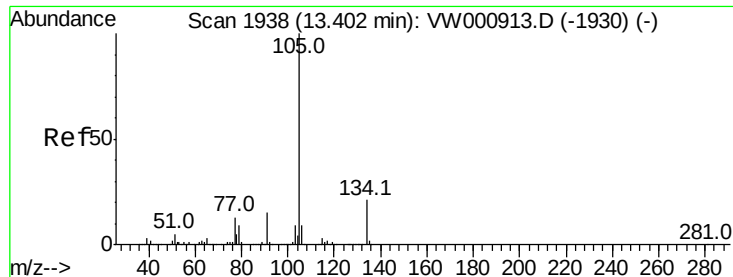
Tot Ion:119 Resp: 451448
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.4 97.0
 134 26.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.203 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion:105 Resp: 532976
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.0

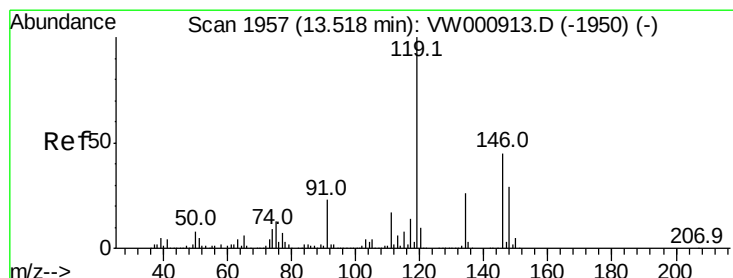
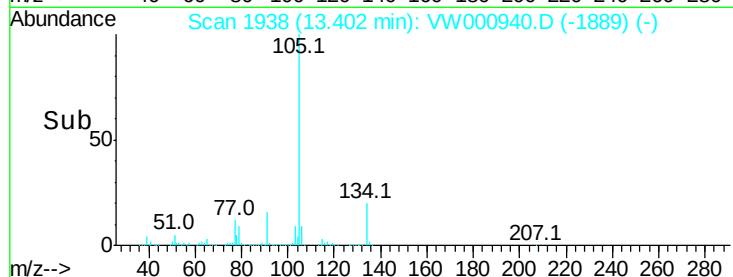
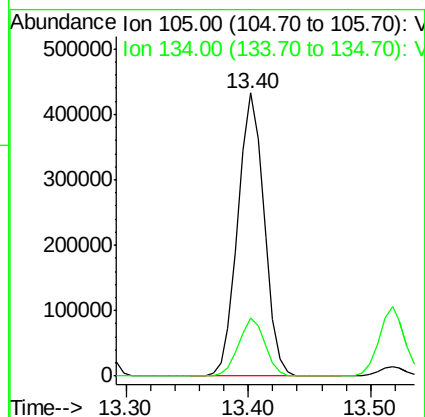
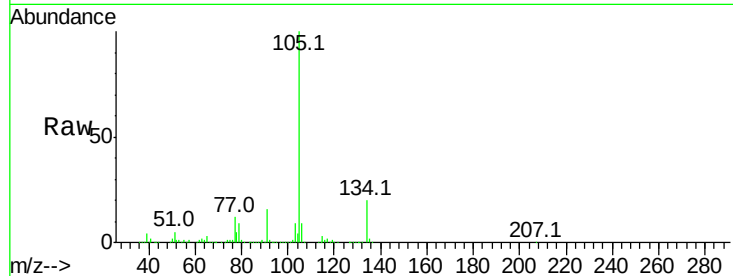




#85
 sec-Butylbenzene
 Concen: 52.323 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

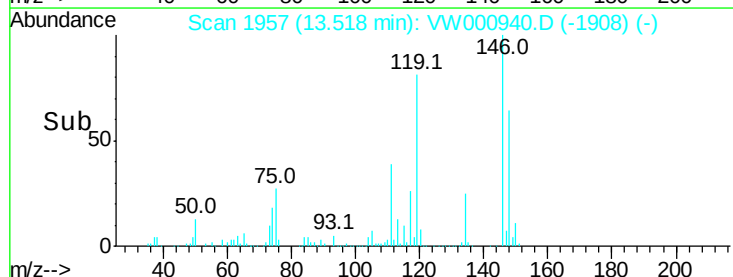
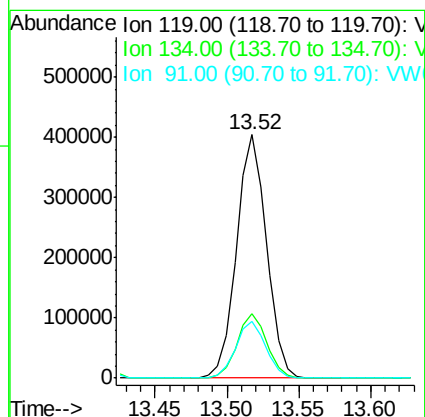
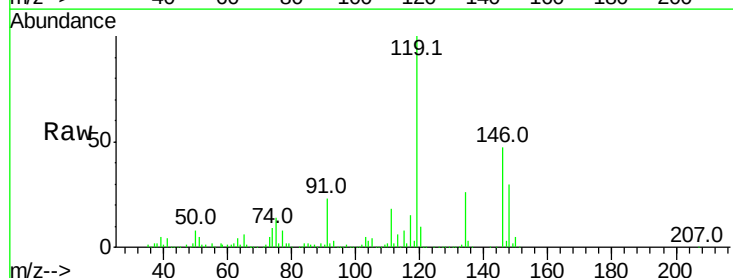
Instrument :
 MSVOA_W
 ClientSampled :

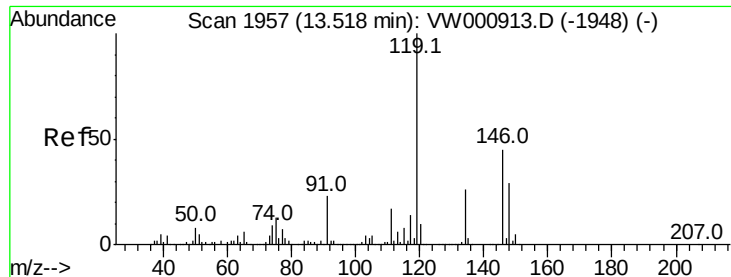
Tot Ion:105 Resp: 643293
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 53.664 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion:119 Resp: 585209
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 23.2 11.7 35.0

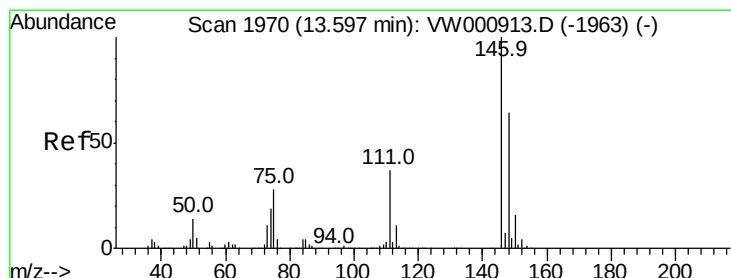
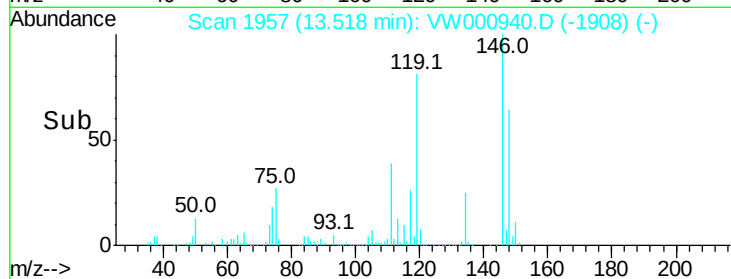
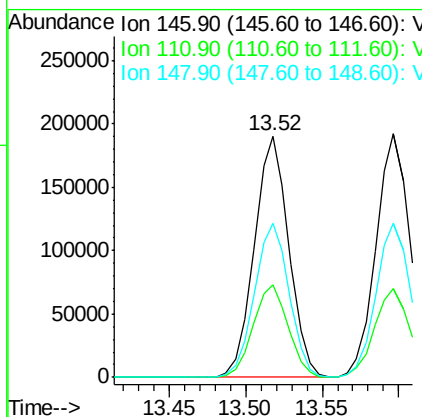
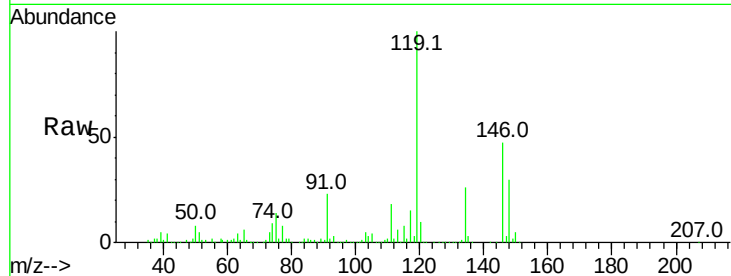




#87
 1,3-Dichlorobenzene
 Concen: 51.831 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

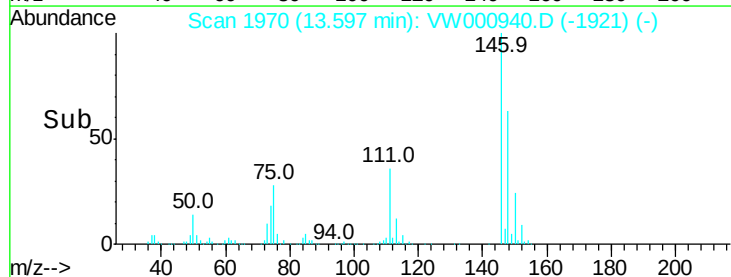
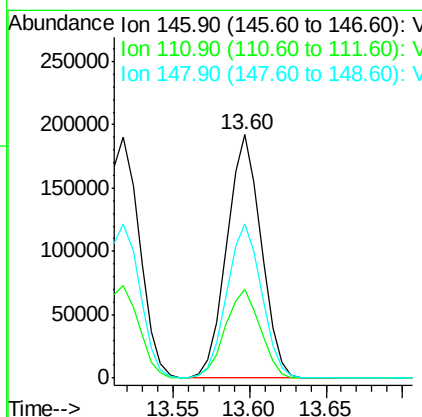
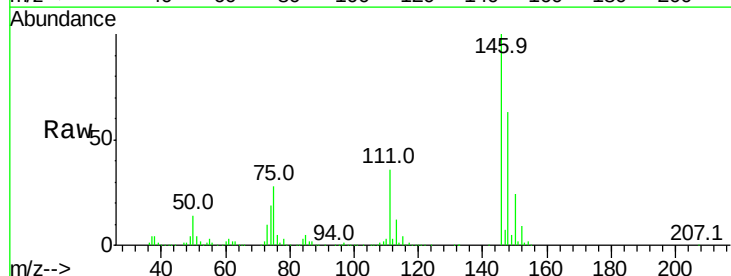
Instrument :
 MSVOA_W
 ClientSampled :

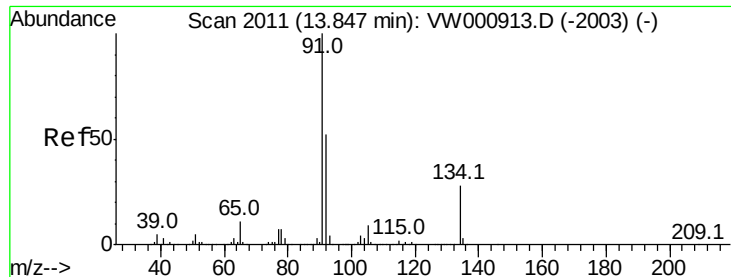
Tot Ion:146 Resp: 298951
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.0
 148 64.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 51.767 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion:146 Resp: 298563
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.0 57.0
 148 64.2 32.4 97.2

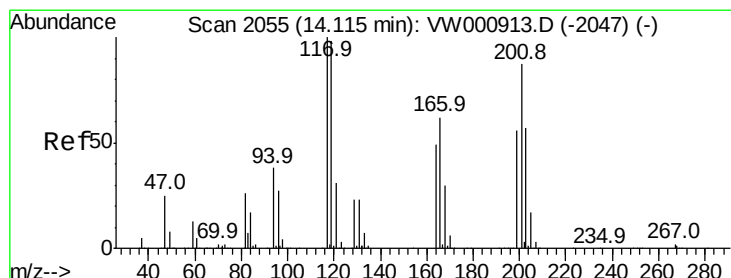
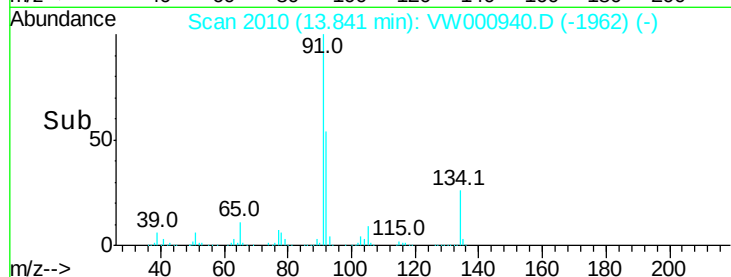
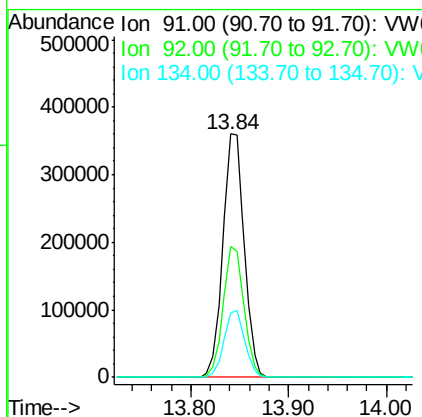
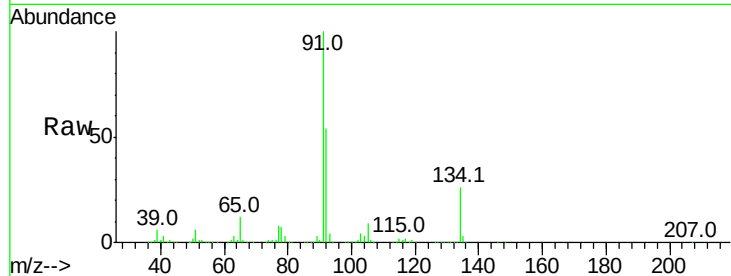




#89
n-Butylbenzene
Concen: 53.249 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.01 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

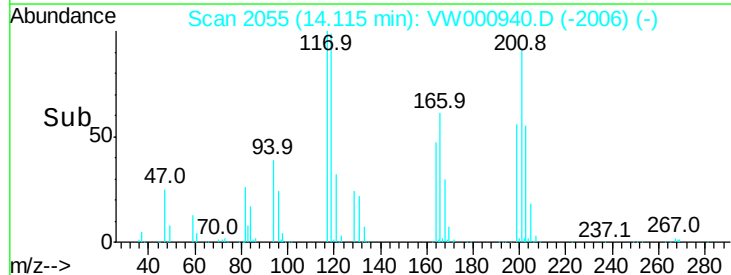
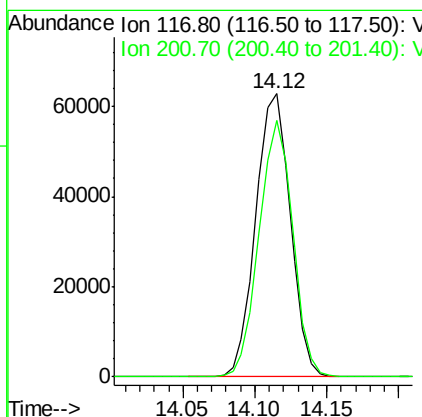
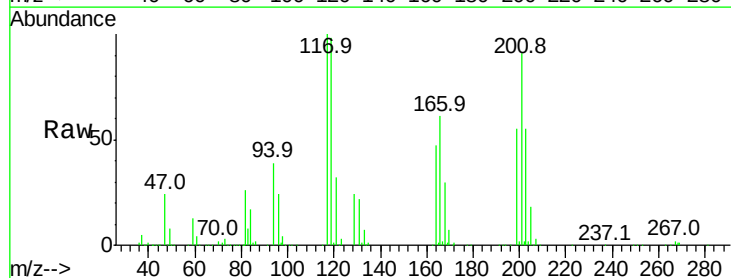
Instrument :
MSVOA_W
ClientSampleId :

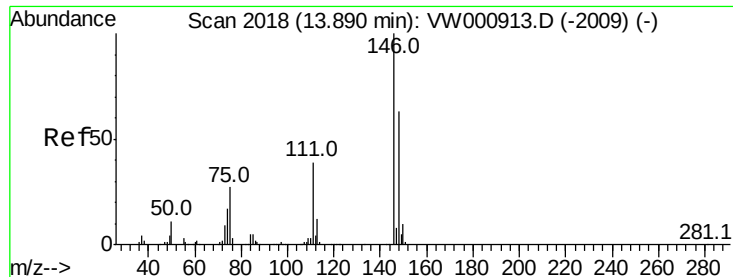
Tot Ion: 91 Resp: 545475
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 26.8 13.7 41.1



#90
Hexachloroethane
Concen: 51.556 ug/l
RT: 14.12 min Scan# 2055
Delta R.T. -0.00 min
Lab File: VW000940.D
Acq: 24 Jan 2018 10:20

Tgt Ion: 117 Resp: 104507
Ion Ratio Lower Upper
117 100
201 88.1 42.8 128.3





#91

1,2-Dichlorobenzene

Concen: 51.332 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. -0.00 min

Lab File: VW000940.D

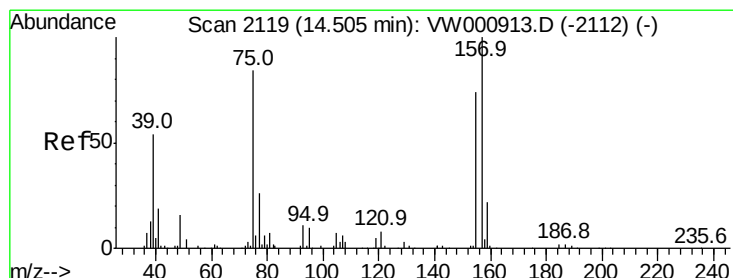
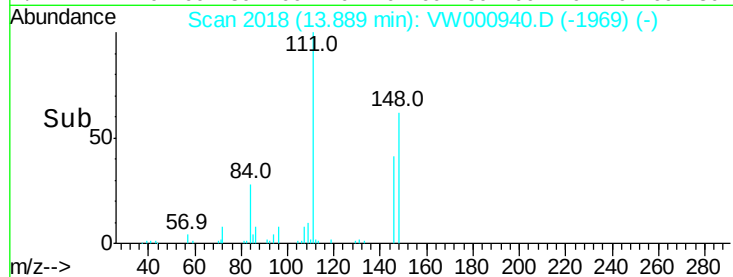
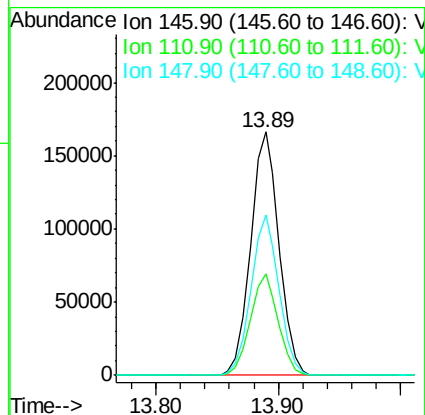
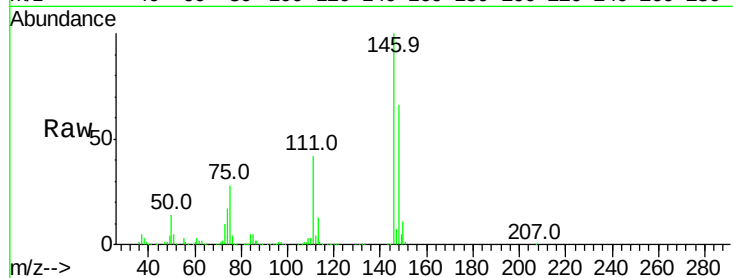
Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	146	Resp:	266687
Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.8	59.4
148	64.9	31.8	95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.264 ug/l

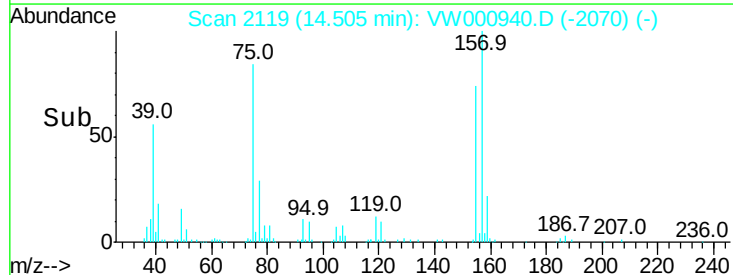
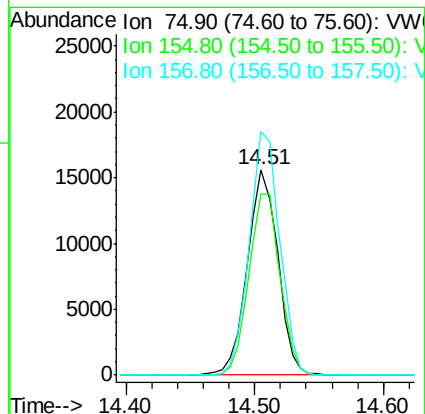
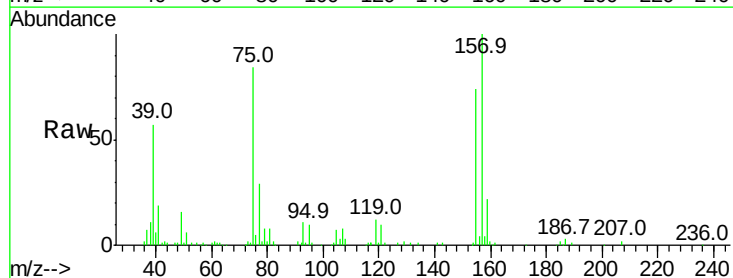
RT: 14.51 min Scan# 2119

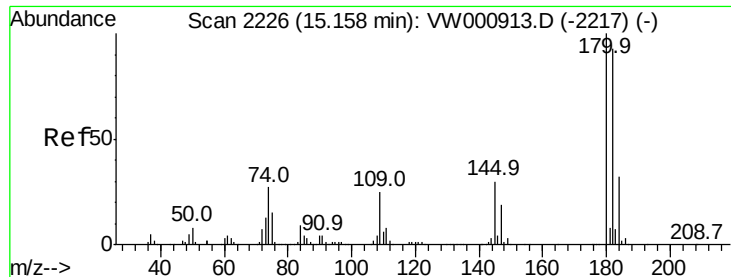
Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Tgt Ion:	75	Resp:	25481
Ion	Ratio	Lower	Upper
75	100		
155	90.0	45.9	137.6
157	118.1	59.8	179.3

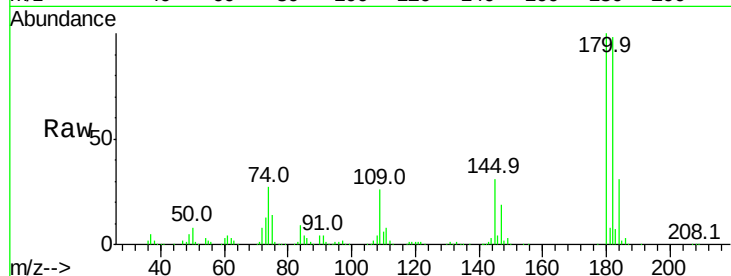




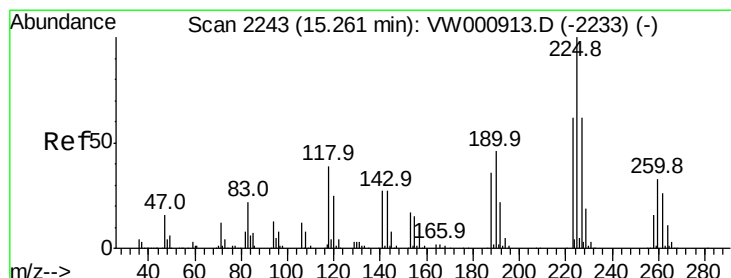
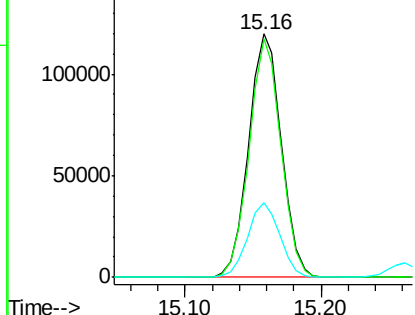
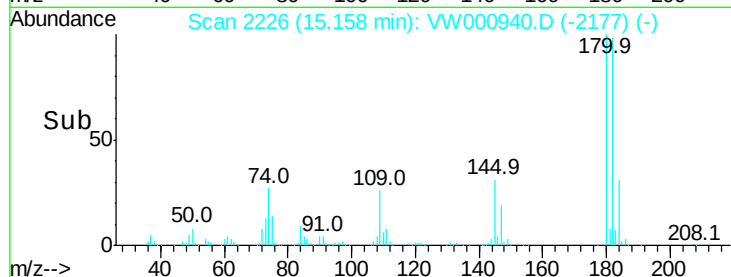
#93
 1,2,4-Trichlorobenzene
 Concen: 52.151 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	30.3	14.9	44.7

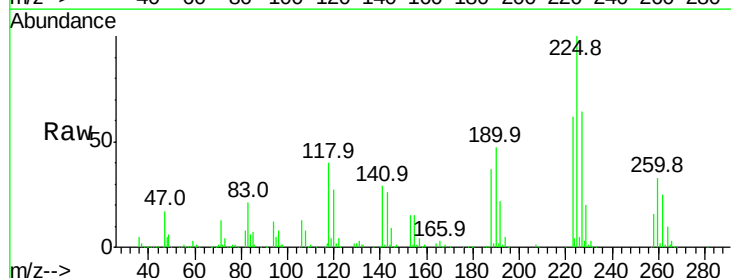


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

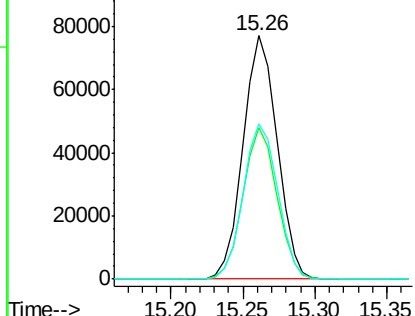
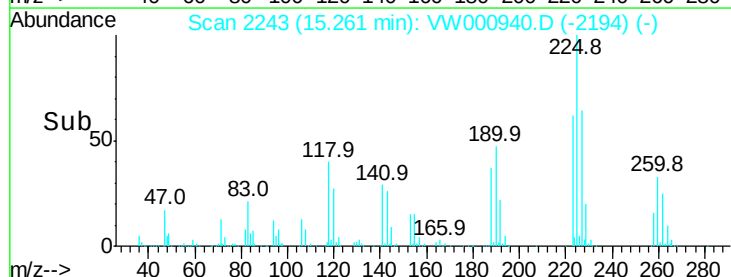


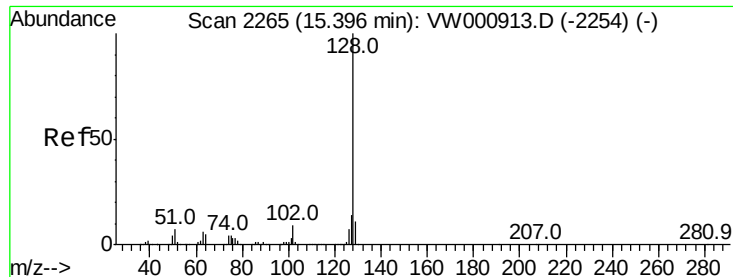
#94
 Hexachlorobutadiene
 Concen: 51.499 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: VW000940.D
 Acq: 24 Jan 2018 10:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.3	93.8
227	64.4	31.8	95.3



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





#95

Naphthalene

Concen: 52.868 ug/l

RT: 15.40 min Scan# 2265

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

Instrument :

MSVOA_W

ClientSampleId :

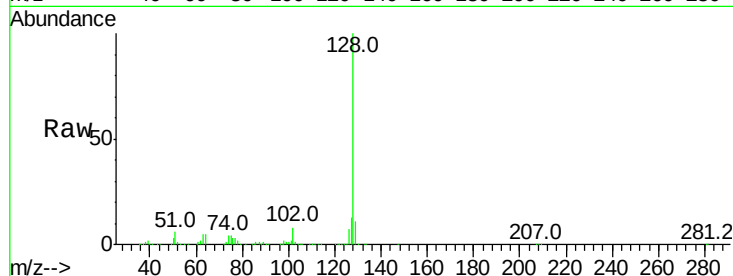
Tot Ion:128 Resp: 432098

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

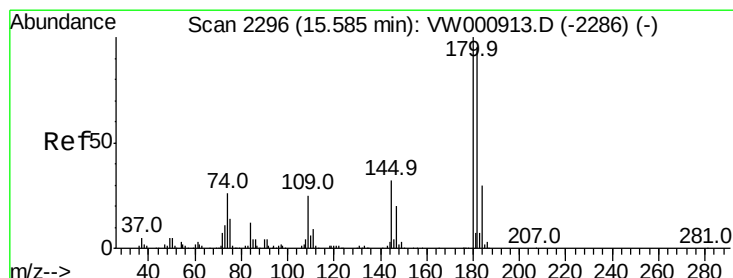
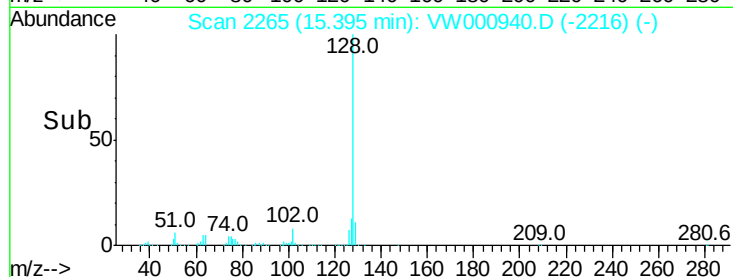
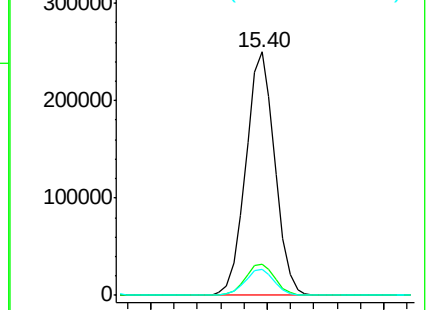
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.539 ug/l

RT: 15.58 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VW000940.D

Acq: 24 Jan 2018 10:20

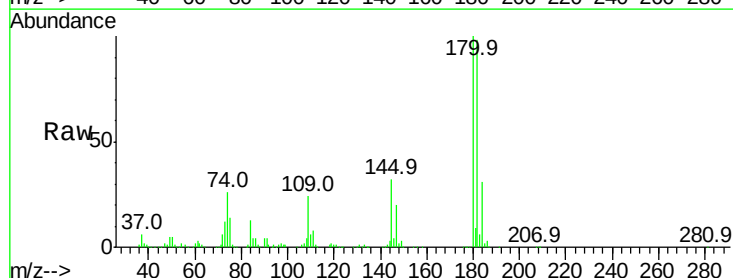
Tgt Ion:180 Resp: 187139

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 32.0 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

