

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003870.D
 Acq On : 11 Jul 2018 17:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 01:54:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	353690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169185	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	135374	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	
35) Dibromofluoromethane	7.88	113	119410	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	10.33	98	475407	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.62	95	168501	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	56043	50.168	ug/l	97
3) Chloromethane	2.21	50	89971	42.424	ug/l	98
4) Vinyl Chloride	2.36	62	127913	45.729	ug/l	99
5) Bromomethane	2.78	94	83202	42.138	ug/l	98
6) Chloroethane	2.92	64	77227	46.036	ug/l	99
7) Trichlorofluoromethane	3.25	101	60772	53.781	ug/l	97
8) Diethyl Ether	3.67	74	55885	48.257	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117212	53.337	ug/l	100
10) Methyl Iodide	4.26	142	166202	50.810	ug/l	99
11) Tert butyl alcohol	5.22	59	36827	226.232	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	114267	52.957	ug/l	96
13) Acrolein	3.90	56	47199	210.800	ug/l	98
14) Allyl chloride	4.66	41	204241	54.443	ug/l	98
15) Acrylonitrile	5.38	53	140628	242.492	ug/l	99
16) Acetone	4.14	43	147901	283.799	ug/l	98
17) Carbon Disulfide	4.37	76	347280	49.092	ug/l	98
18) Methyl Acetate	4.68	43	69062	47.003	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	225113	50.488	ug/l	99
20) Methylene Chloride	4.91	84	142663	56.765	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	125308	49.054	ug/l	98
22) Diisopropyl ether	6.31	45	414116	50.212	ug/l	99
23) Vinyl Acetate	6.26	43	1271378	252.529	ug/l	100
24) 1,1-Dichloroethane	6.21	63	241864	48.488	ug/l	99
25) 2-Butanone	7.18	43	198982	243.773	ug/l	100
26) 2,2-Dichloropropane	7.17	77	144243	53.314	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	137979	48.846	ug/l	99
28) Bromochloromethane	7.51	49	100150	45.070	ug/l	99
29) Tetrahydrofuran	7.54	42	123521	235.402	ug/l	99
30) Chloroform	7.68	83	243527	47.859	ug/l	98
31) Cyclohexane	7.95	56	221006	50.420	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	191911	49.555	ug/l	99
36) 1,1-Dichloropropene	8.08	75	198181	52.809	ug/l	99
37) Ethyl Acetate	7.26	43	88539	48.487	ug/l	99
38) Carbon Tetrachloride	8.07	117	185324	51.939	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	231208	56.252	ug/l	98
40) Benzene	8.32	78	546430	50.931	ug/l	99
41) Methacrylonitrile	7.49	41	55105	52.461	ug/l	94
42) 1,2-Dichloroethane	8.40	62	166290	47.891	ug/l	99
43) Isopropyl Acetate	8.43	43	168252	48.617	ug/l	99
44) Trichloroethene	9.09	130	137105	50.690	ug/l	99
45) 1,2-Dichloropropane	9.37	63	140167	50.245	ug/l	100
46) Dibromomethane	9.46	93	70368	47.973	ug/l	99
47) Bromodichloromethane	9.65	83	178857	49.565	ug/l	99
48) Methyl methacrylate	9.44	41	81815	49.640	ug/l	98
49) 1,4-Dioxane	9.48	88	20063	915.173	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	448703	250.550	ug/l	100
52) Toluene	10.39	92	345496	51.933	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	186110	51.654	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	213049	52.382	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97913	48.062	ug/l	97
56) Ethyl methacrylate	10.65	69	130324	52.422	ug/l	97
57) 1,3-Dichloropropane	10.94	76	177271	49.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	323215	247.087	ug/l	99
59) 2-Hexanone	10.98	43	318481	258.977	ug/l	99
60) Dibromochloromethane	11.13	129	116898	49.156	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92299	47.376	ug/l	99
64) Tetrachloroethene	10.87	164	117193	48.930	ug/l	99
65) Chlorobenzene	11.66	112	363482	50.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	129093	51.754	ug/l	98
67) Ethyl Benzene	11.74	91	660753	54.136	ug/l	98
68) m/p-Xylenes	11.84	106	503137	107.649	ug/l	99
69) o-Xylene	12.17	106	234923	54.472	ug/l	100
70) Styrene	12.18	104	400523	54.613	ug/l	100
71) Bromoform	12.35	173	68829	50.000	ug/l #	99
73) Isopropylbenzene	12.47	105	662978	57.863	ug/l	100
74) N-amyl acetate	12.28	43	163089	52.513	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	117859	50.742	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	159573	96.049	ug/l #	100
77) Bromobenzene	12.76	156	149721	52.636	ug/l	99
78) n-propylbenzene	12.81	91	828541	57.606	ug/l	100
79) 2-Chlorotoluene	12.90	91	458115	55.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	563127	57.025	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38596	56.830	ug/l	95
82) 4-Chlorotoluene	12.99	91	486206	54.719	ug/l	99
83) tert-Butylbenzene	13.21	119	478792	58.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	573745	55.927	ug/l	99
85) sec-Butylbenzene	13.39	105	708868	58.184	ug/l	100
86) p-Isopropyltoluene	13.51	119	619525	58.195	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	305298	52.975	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298975	51.590	ug/l	99
89) n-Butylbenzene	13.83	91	608311	58.090	ug/l	100
90) Hexachloroethane	14.10	117	109643	53.467	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	265449	51.175	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19340	48.102	ug/l	98

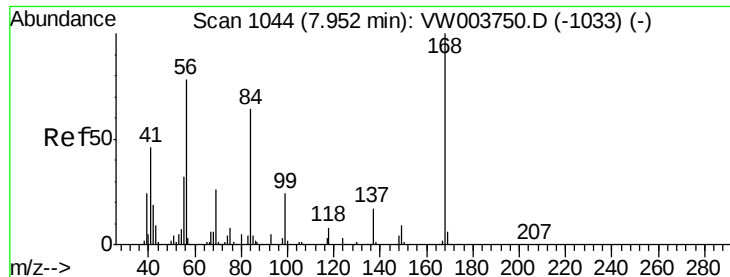
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	189010	53.833	ug/l	99
94) Hexachlorobutadiene	15.25	225	112718	56.126	ug/l	97
95) Naphthalene	15.38	128	347405	55.363	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	166540	52.975	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

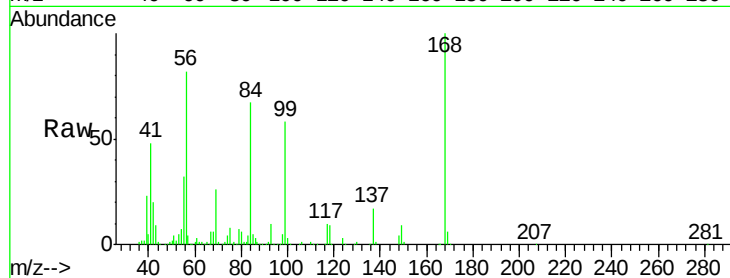
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 229696

Ion Ratio Lower Upper

168 100

99 57.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

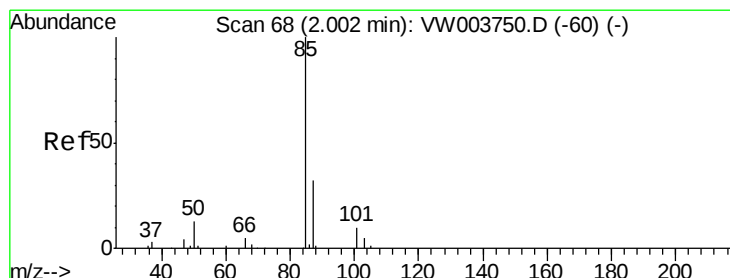
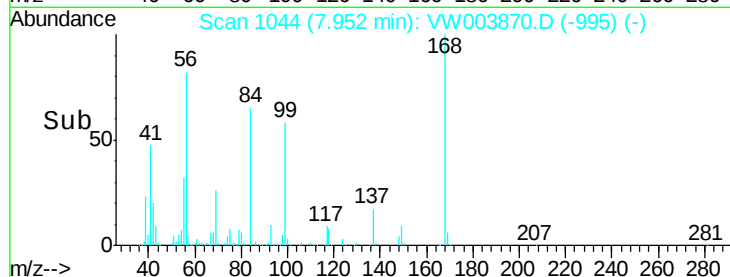
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.168 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003870.D

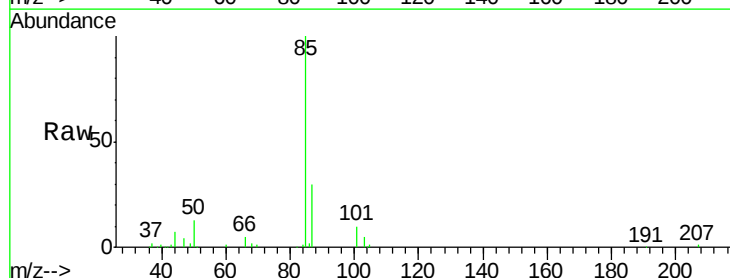
Acq: 11 Jul 2018 17:57

Tgt Ion: 85 Resp: 56043

Ion Ratio Lower Upper

85 100

87 30.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

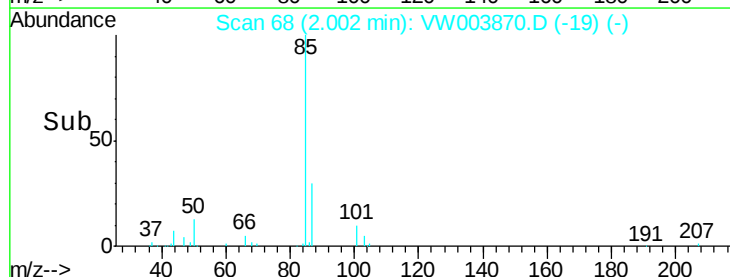
15000

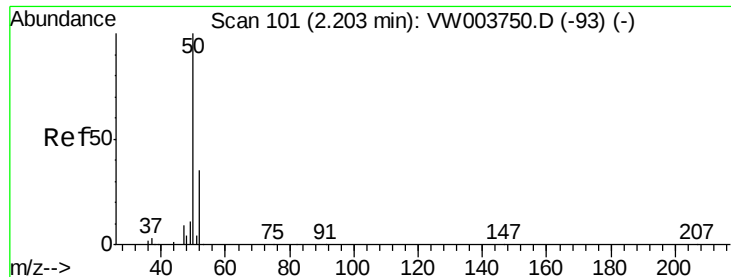
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 42.424 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

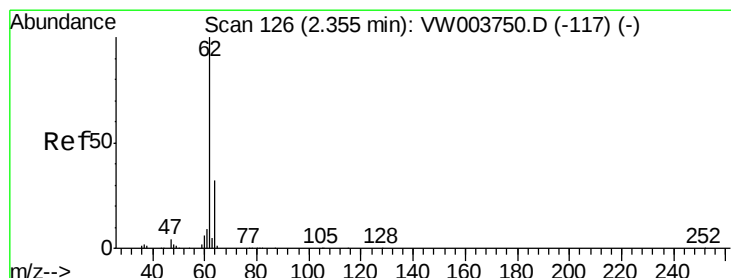
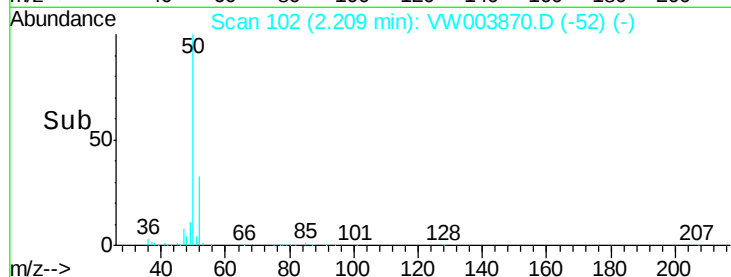
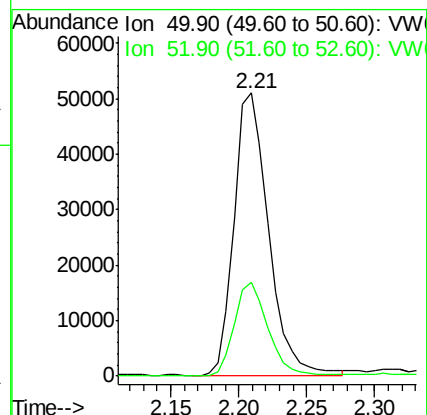
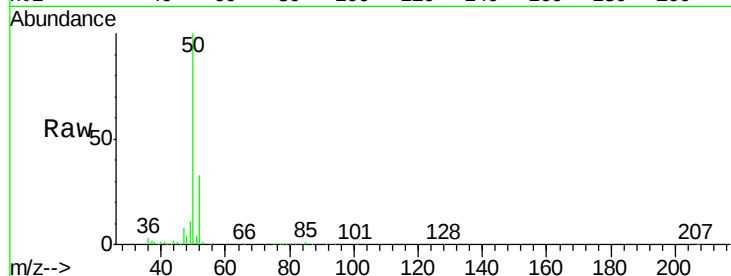
ClientSampled :

Tot Ion: 50 Resp: 89971

Ion Ratio Lower Upper

50 100

52 33.4 27.8 41.6



#4

Vinyl Chloride

Concen: 45.729 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003870.D

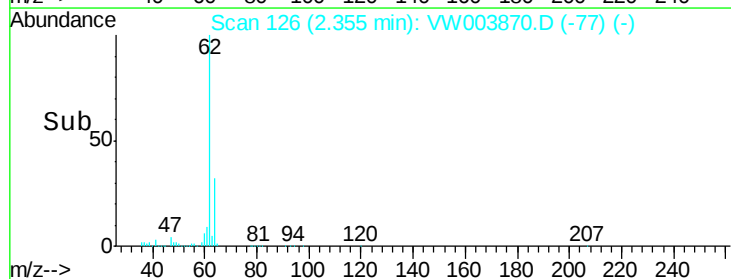
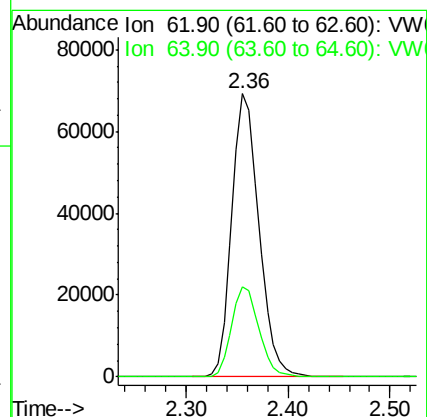
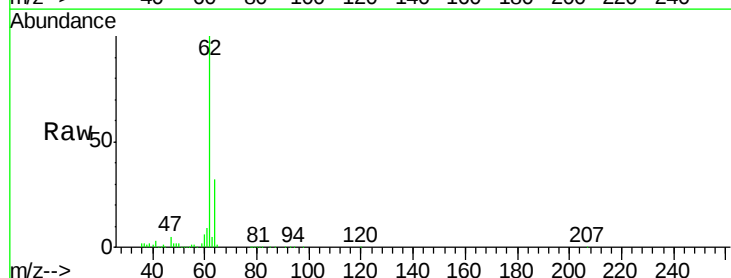
Acq: 11 Jul 2018 17:57

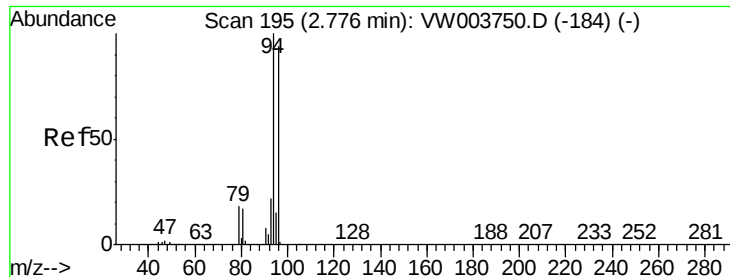
Tgt Ion: 62 Resp: 127913

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 42.138 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

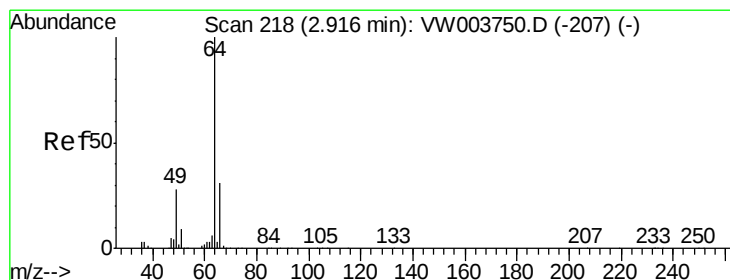
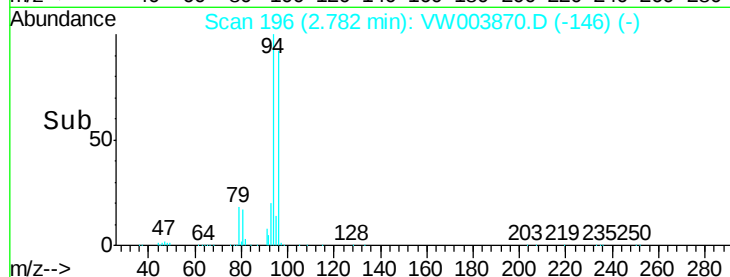
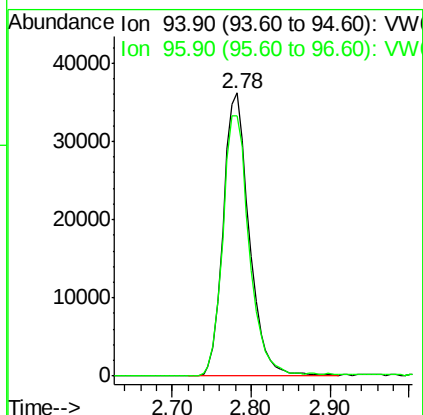
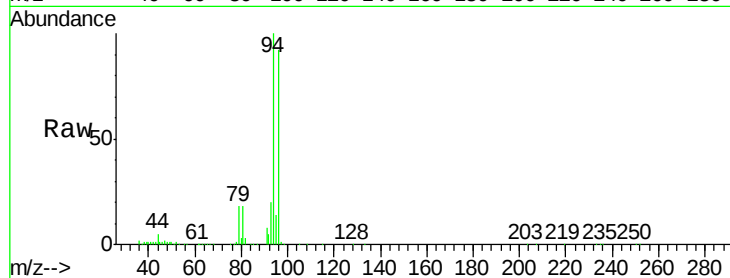
ClientSampled :

Tot Ion: 94 Resp: 83202

Ion Ratio Lower Upper

94 100

96 91.7 74.8 112.2



#6

Chloroethane

Concen: 46.036 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003870.D

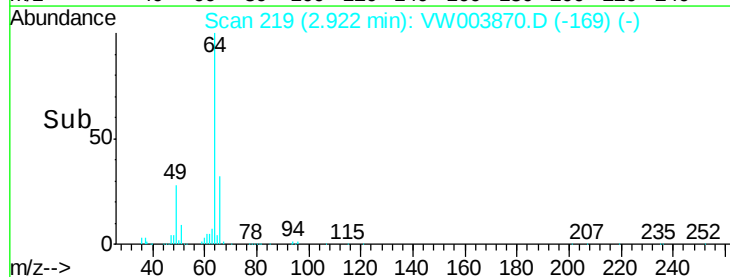
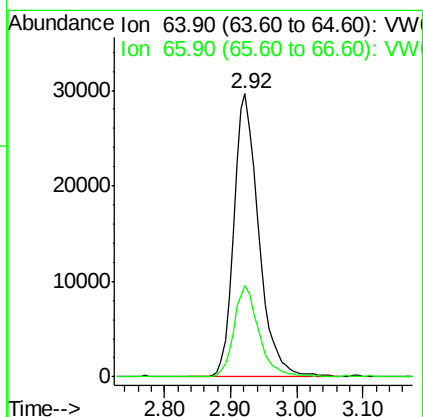
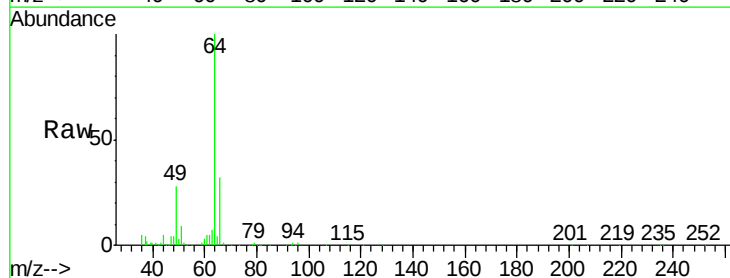
Acq: 11 Jul 2018 17:57

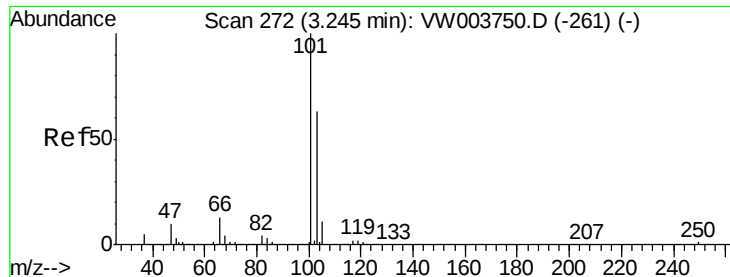
Tgt Ion: 64 Resp: 77227

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



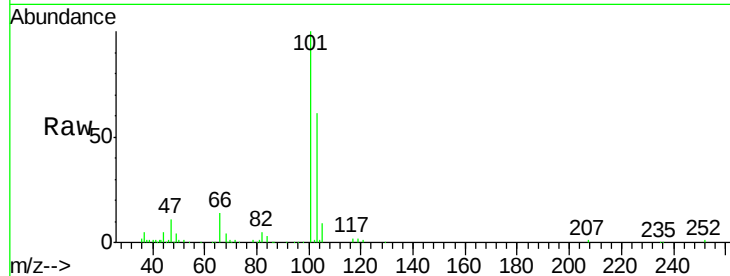


#7

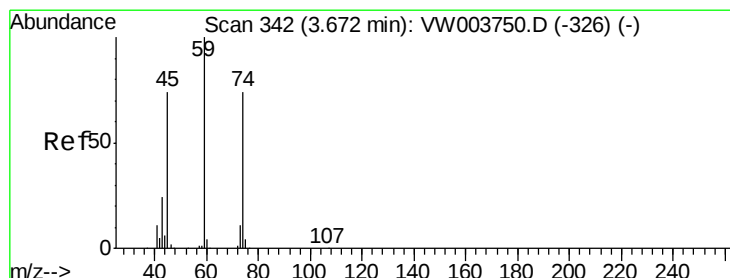
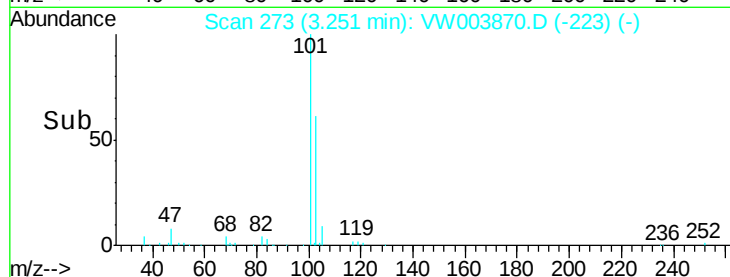
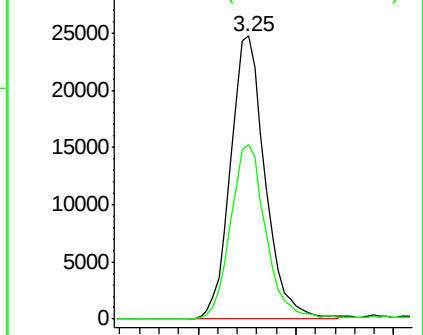
Trichlorofluoromethane
Concen: 53.781 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:101 Resp: 60772
Ion Ratio Lower Upper
101 100
103 61.2 50.7 76.1



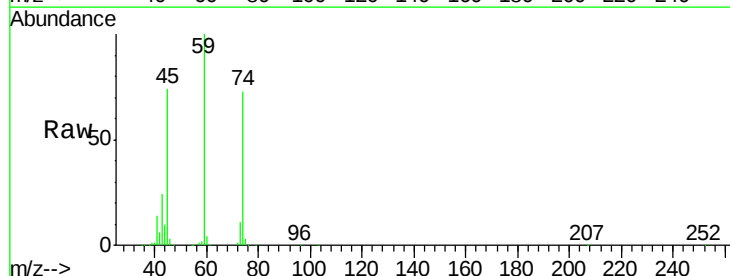
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



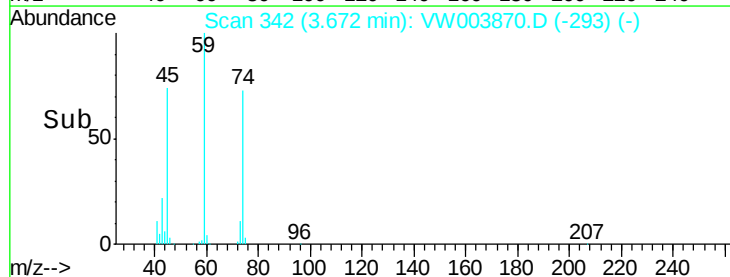
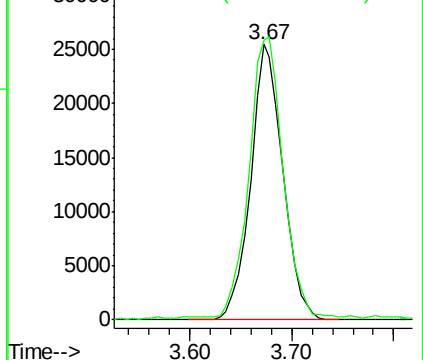
#8

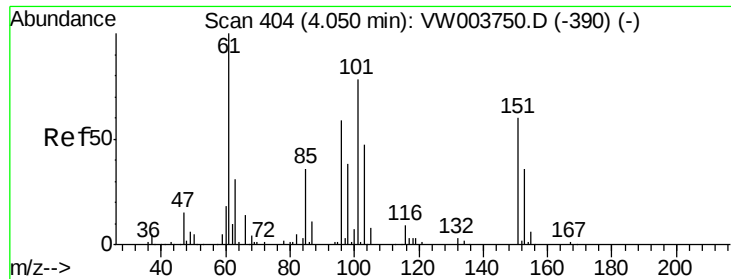
Diethyl Ether
Concen: 48.257 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 74 Resp: 55885
Ion Ratio Lower Upper
74 100
45 109.2 52.4 157.2



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.337 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampled :

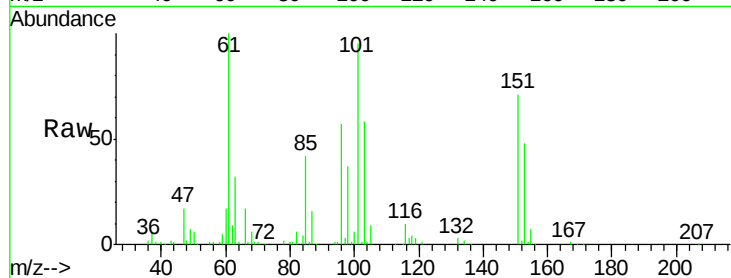
Tot Ion:101 Resp: 117212

Ion Ratio Lower Upper

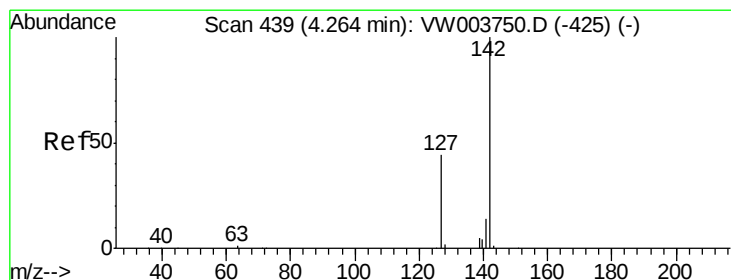
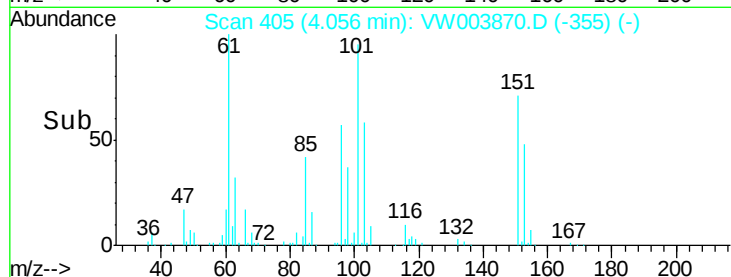
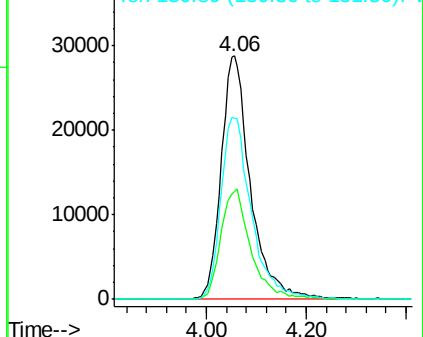
101 100

85 45.8 37.1 55.7

151 77.9 62.3 93.5



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: 50.810 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

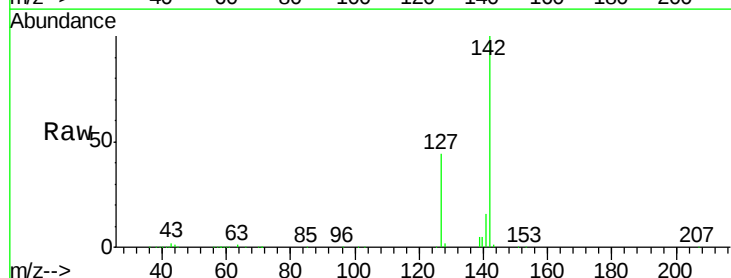
Tgt Ion:142 Resp: 166202

Ion Ratio Lower Upper

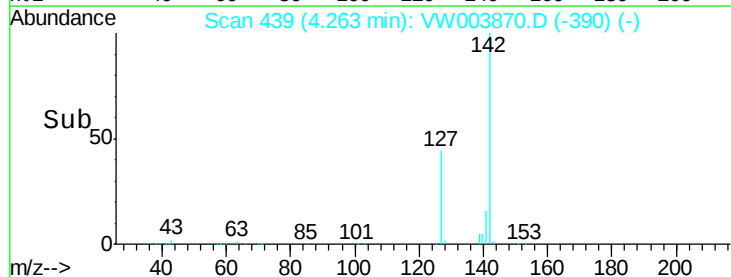
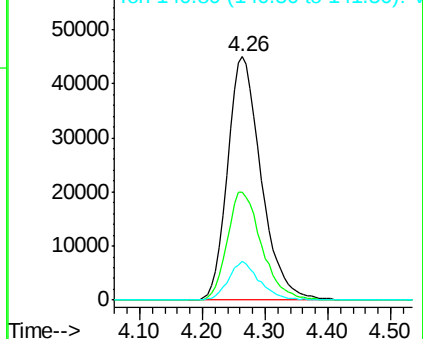
142 100

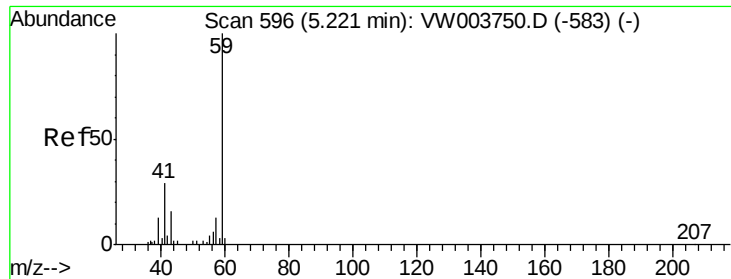
127 45.7 36.1 54.1

141 14.8 11.6 17.4



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



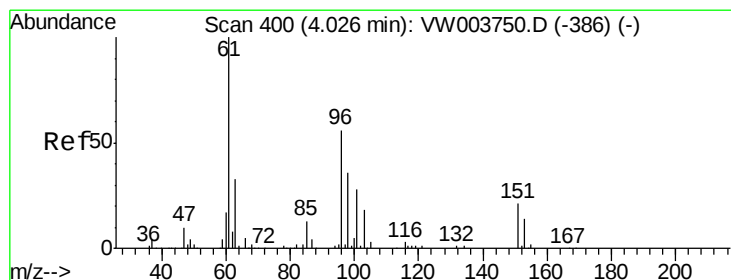
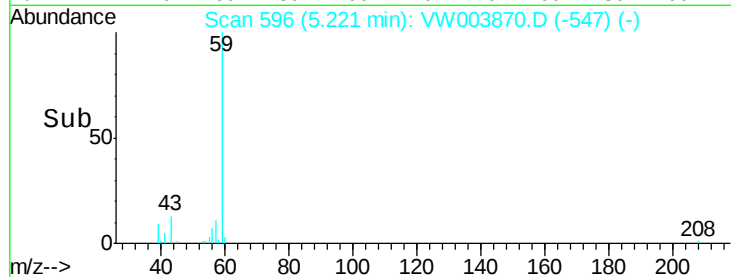
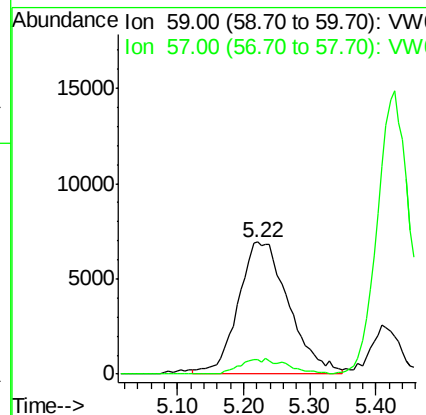
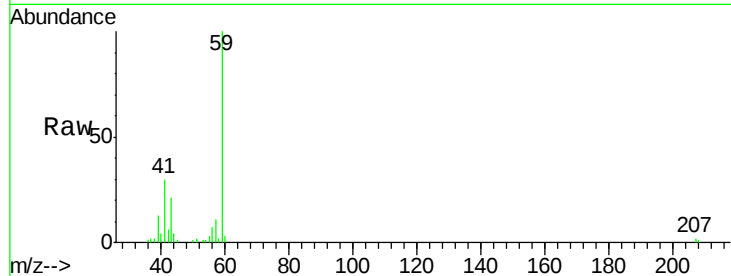


#11

Tert butyl alcohol
 Concen: 226.232 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :

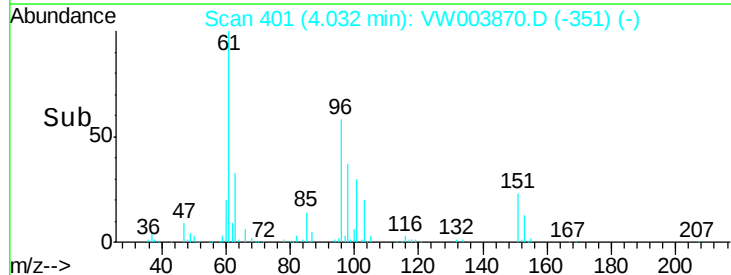
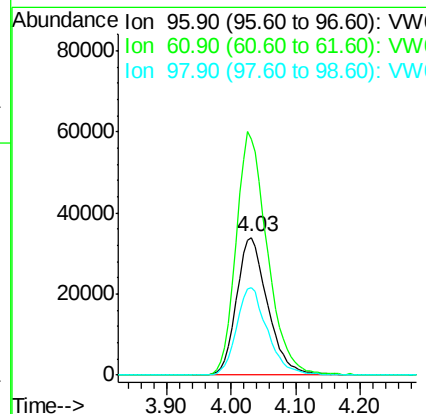
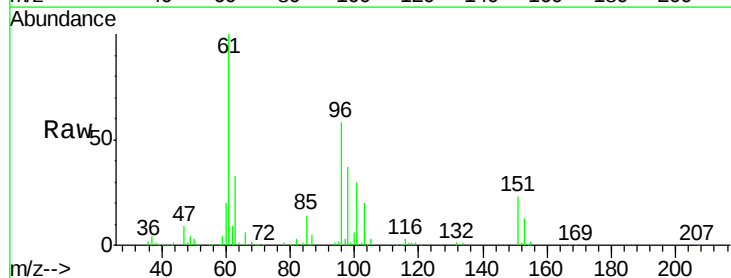
Tot Ion: 59 Resp: 36827
 Ion Ratio Lower Upper
 59 100
 57 5.1 9.3 13.9#

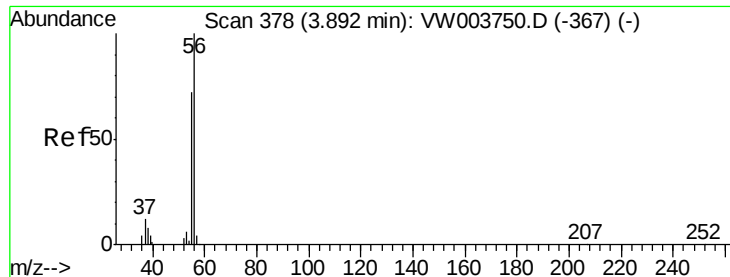


#12

1,1-Dichloroethene
 Concen: 52.957 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion: 96 Resp: 114267
 Ion Ratio Lower Upper
 96 100
 61 171.5 143.2 214.8
 98 63.5 51.4 77.0





#13

Acrolein

Concen: 210.800 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

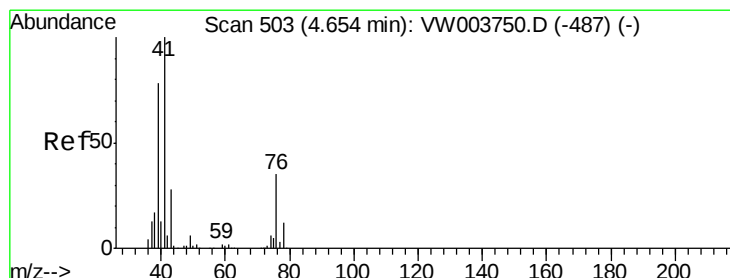
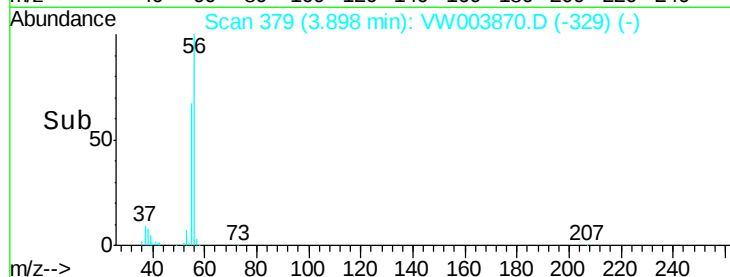
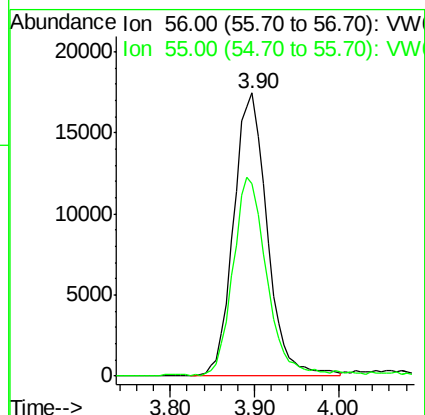
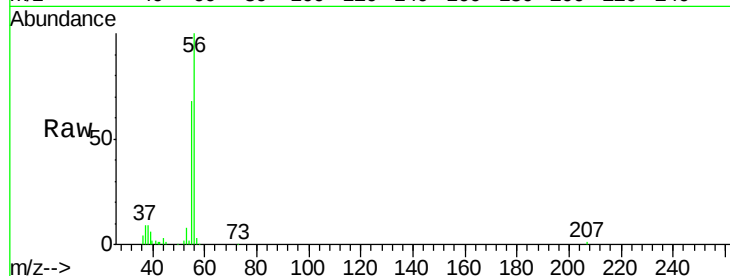
ClientSampleId :

Tot Ion: 56 Resp: 47199

Ion Ratio Lower Upper

56 100

55 70.3 57.5 86.3



#14

Allyl chloride

Concen: 54.443 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

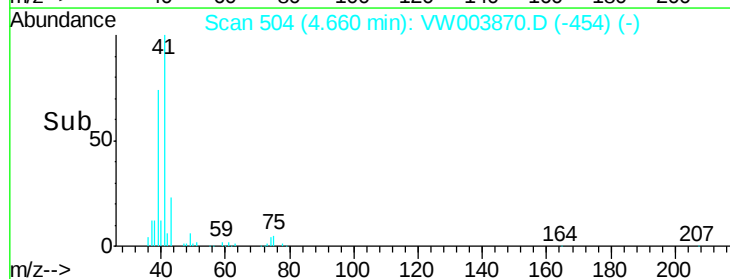
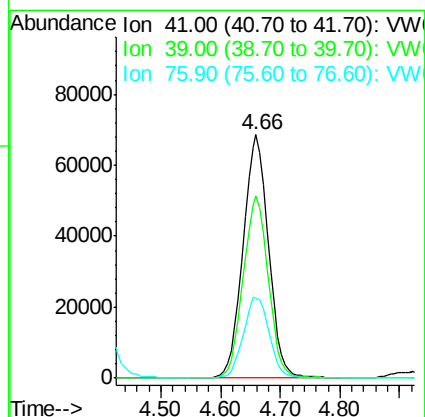
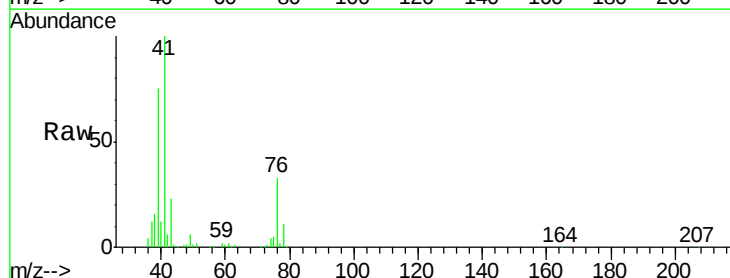
Tgt Ion: 41 Resp: 204241

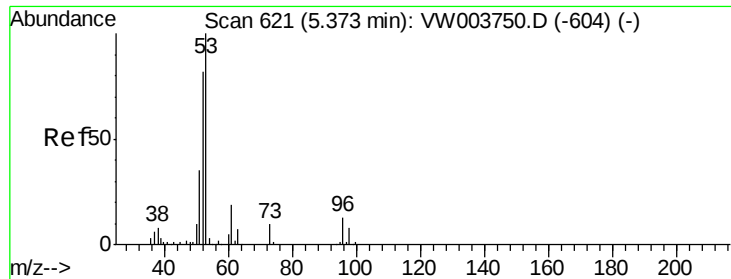
Ion Ratio Lower Upper

41 100

39 73.6 60.9 91.3

76 33.8 27.5 41.3





#15

Acrylonitrile

Concen: 242.492 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :

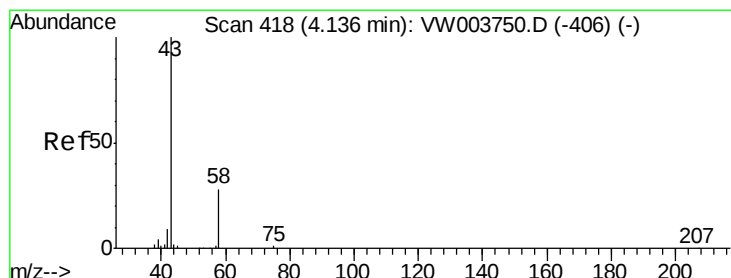
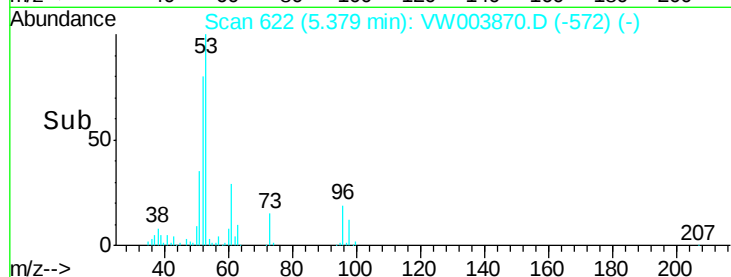
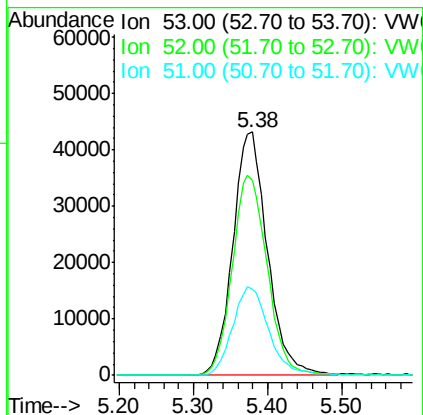
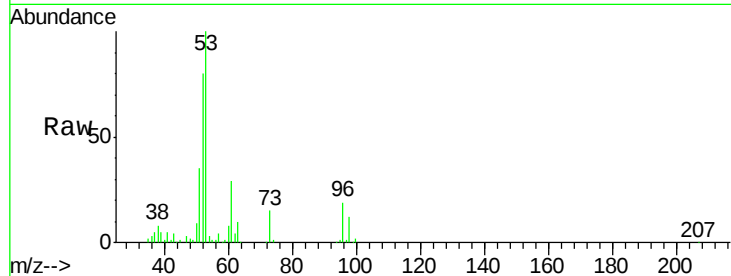
Tot Ion: 53 Resp: 140628

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.2

51 38.2 30.2 45.4



#16

Acetone

Concen: 283.799 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003870.D

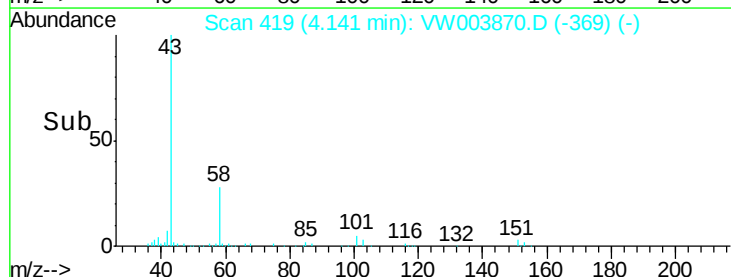
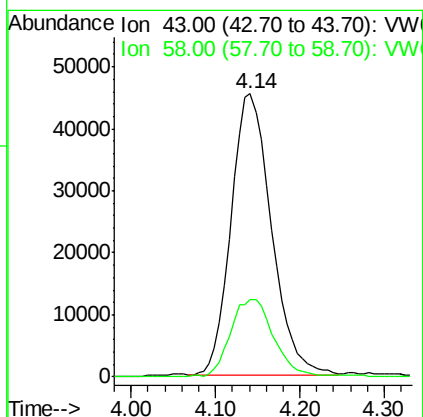
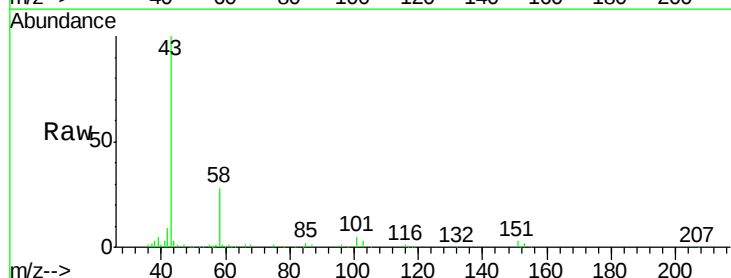
Acq: 11 Jul 2018 17:57

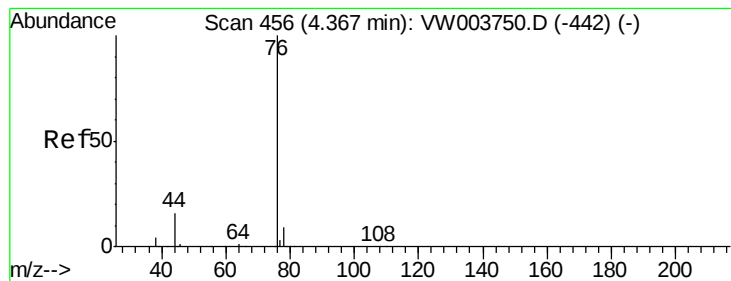
Tgt Ion: 43 Resp: 147901

Ion Ratio Lower Upper

43 100

58 27.3 22.6 34.0





#17

Carbon Disulfide

Concen: 49.092 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

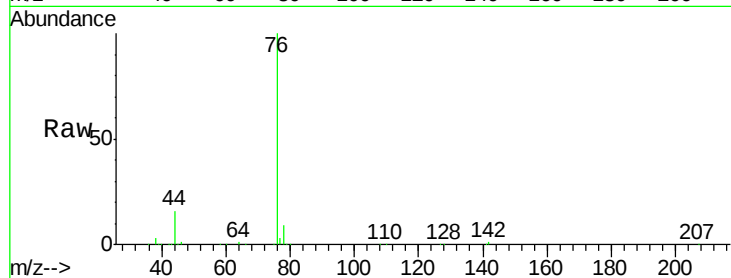
ClientSampled :

Tot Ion: 76 Resp: 347280

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

120000

100000

80000

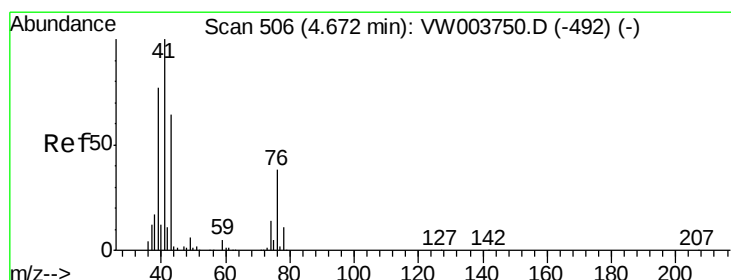
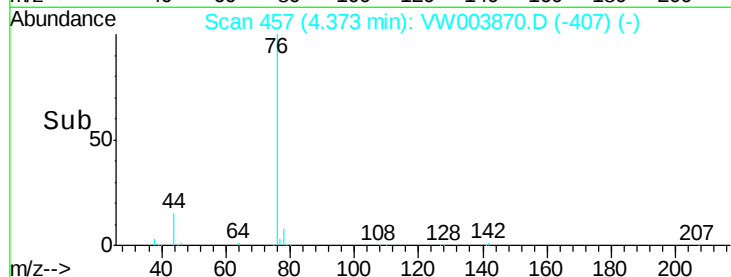
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.003 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003870.D

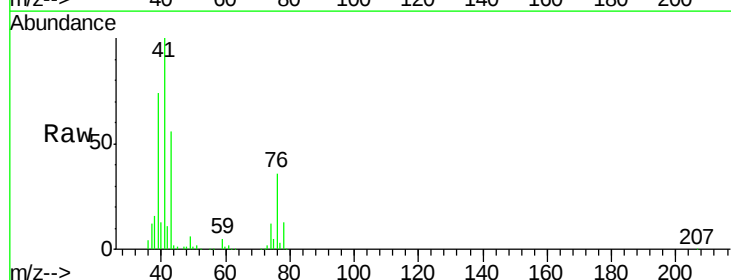
Acq: 11 Jul 2018 17:57

Tgt Ion: 43 Resp: 69062

Ion Ratio Lower Upper

43 100

74 22.8 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

25000

20000

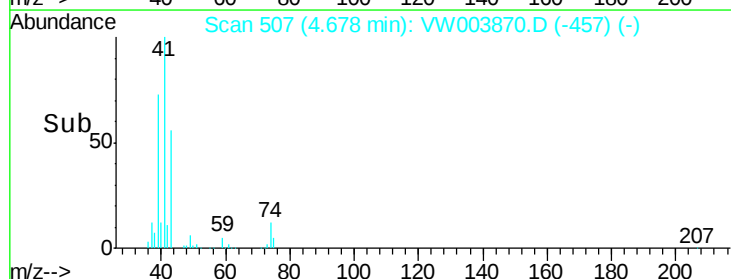
15000

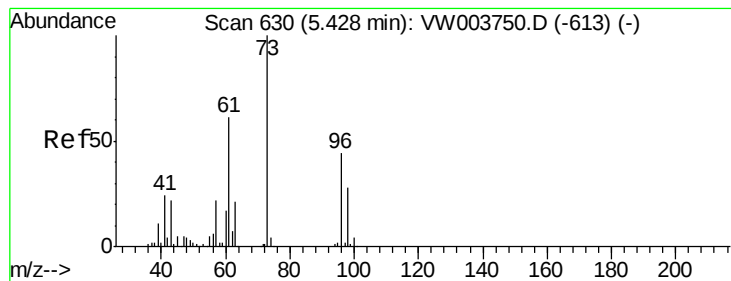
10000

5000

0

Time-->



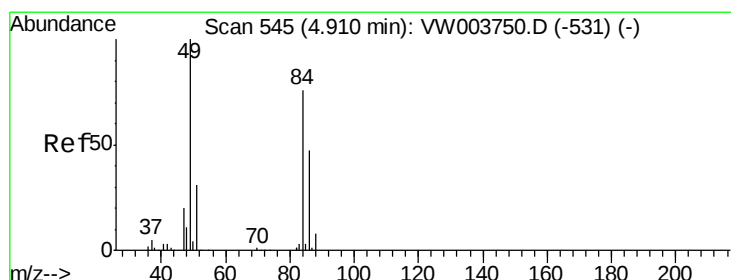
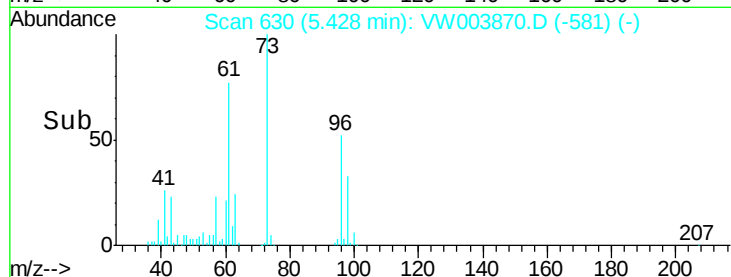
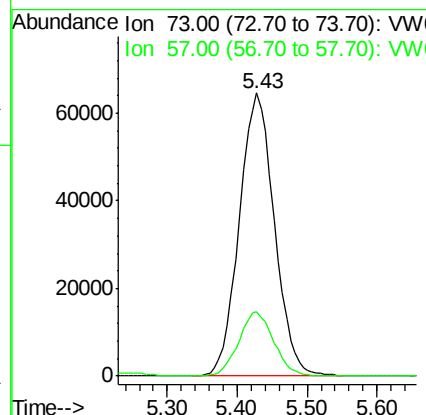
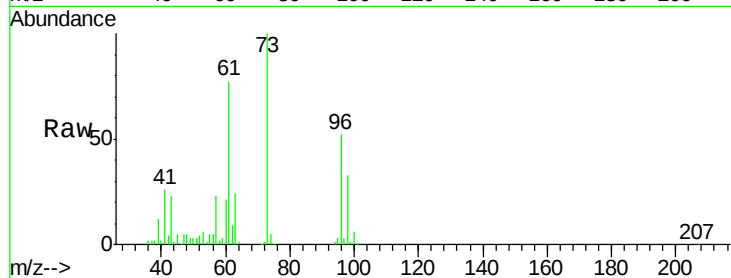


#19

Methyl tert-butyl Ether
 Concen: 50.488 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampled :

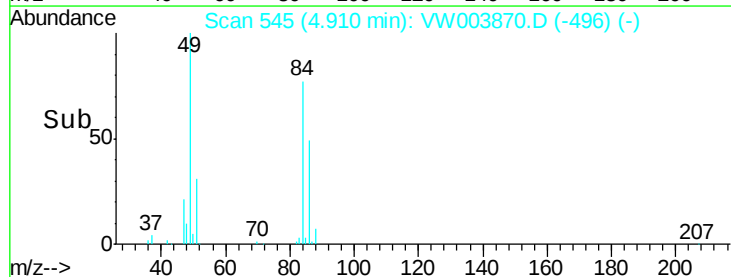
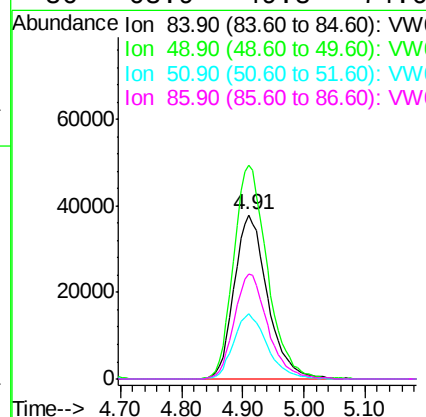
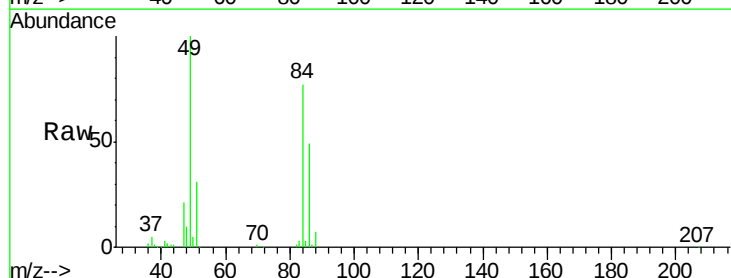
Tot Ion: 73 Resp: 225113
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.9 26.9

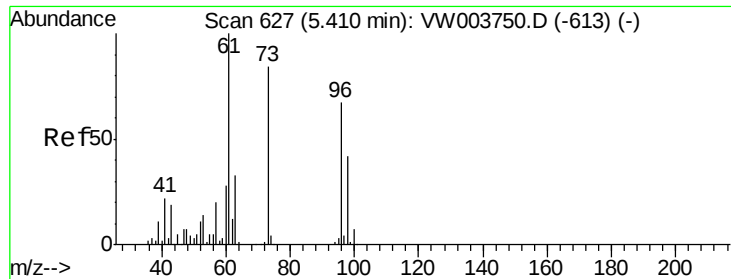


#20

Methylene Chloride
 Concen: 56.765 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion: 84 Resp: 142663
 Ion Ratio Lower Upper
 84 100
 49 129.9 105.1 157.7
 51 39.8 32.5 48.7
 86 63.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 49.054 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :

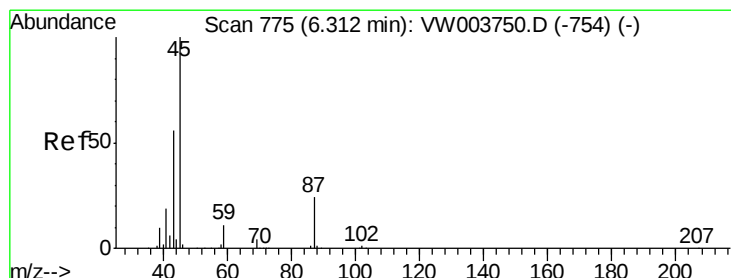
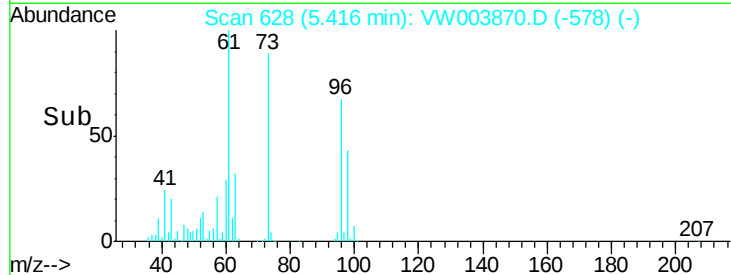
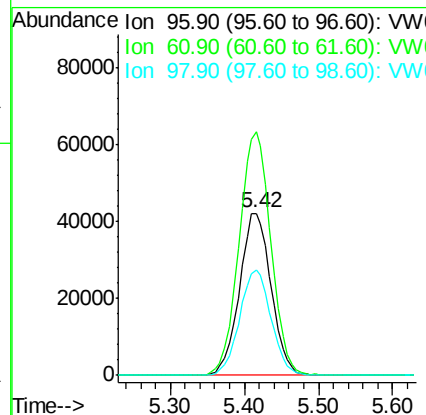
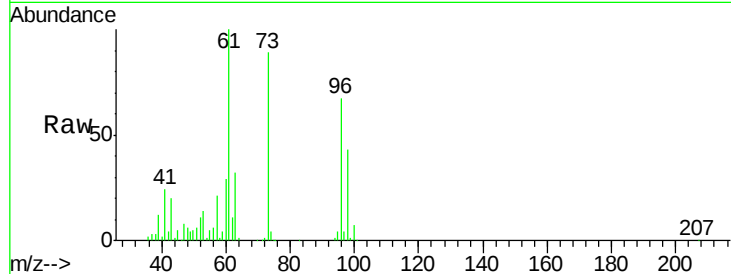
Tot Ion: 96 Resp: 125308

Ion Ratio Lower Upper

96 100

61 150.1 119.0 178.6

98 64.9 49.8 74.8



#22

Diisopropyl ether

Concen: 50.212 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion: 45 Resp: 414116

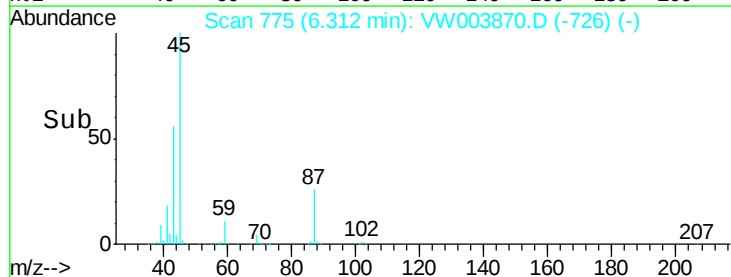
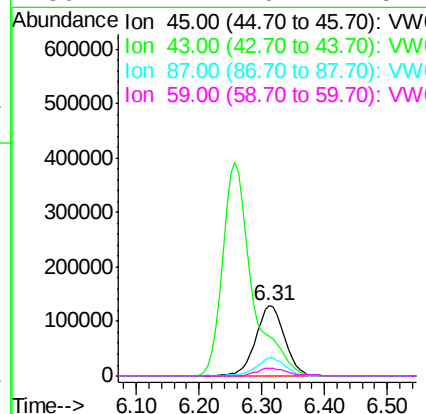
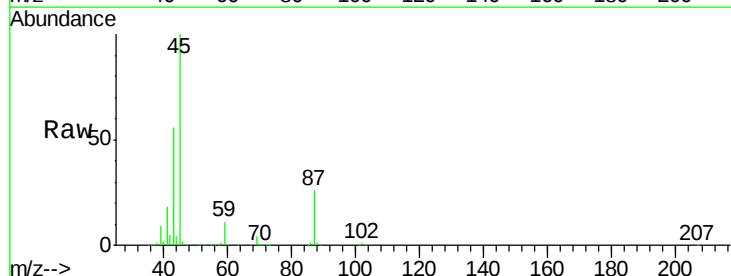
Ion Ratio Lower Upper

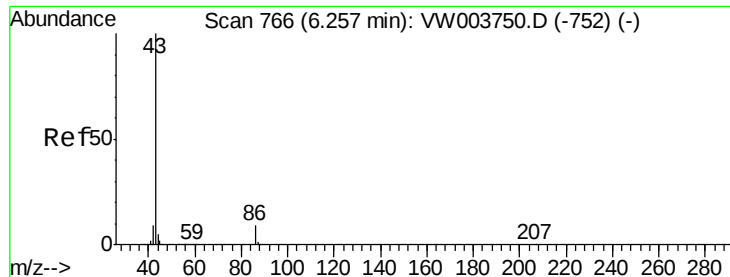
45 100

43 56.0 44.5 66.7

87 25.7 19.6 29.4

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 252.529 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

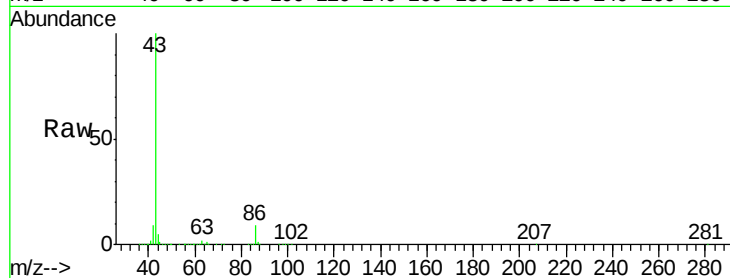
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1271378

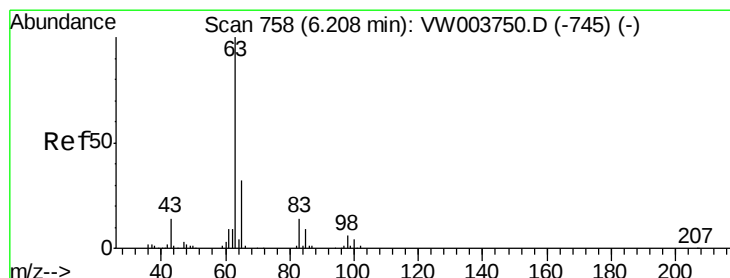
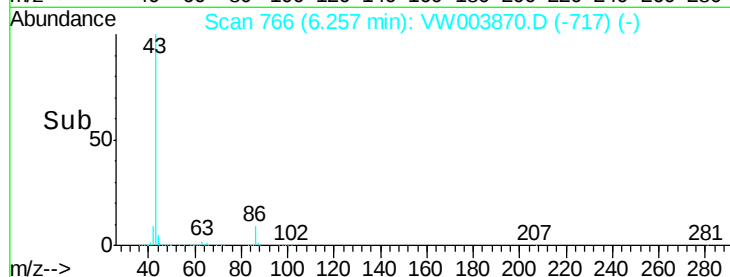
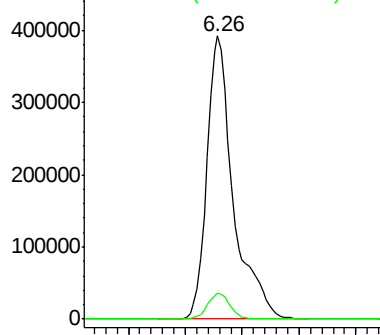
Ion Ratio Lower Upper

43 100

86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.488 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

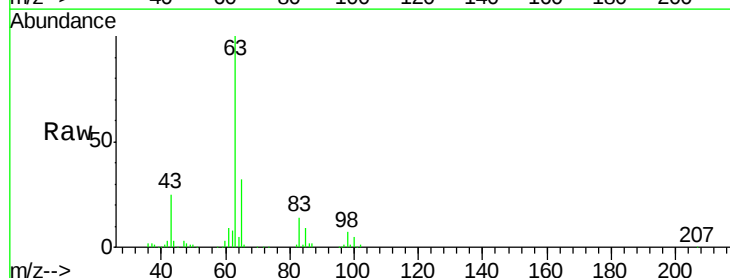
Tgt Ion: 63 Resp: 241864

Ion Ratio Lower Upper

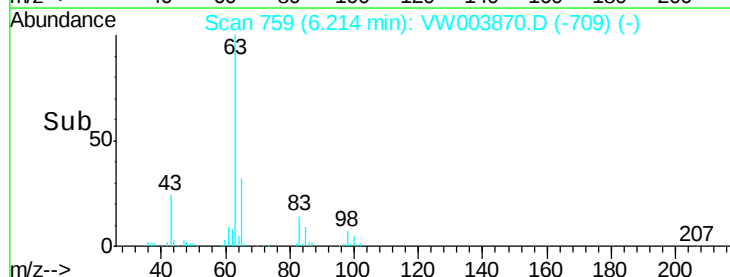
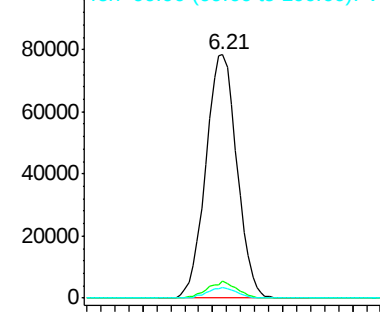
63 100

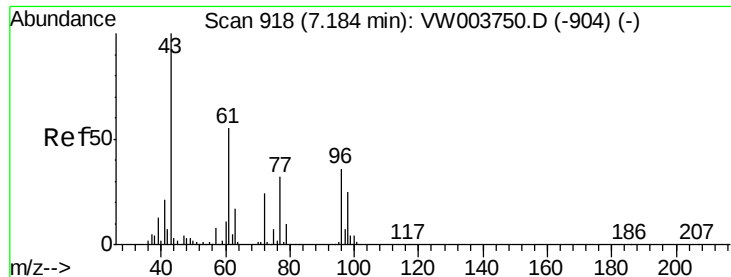
98 6.8 3.2 9.6

100 4.6 2.1 6.2



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: 243.773 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

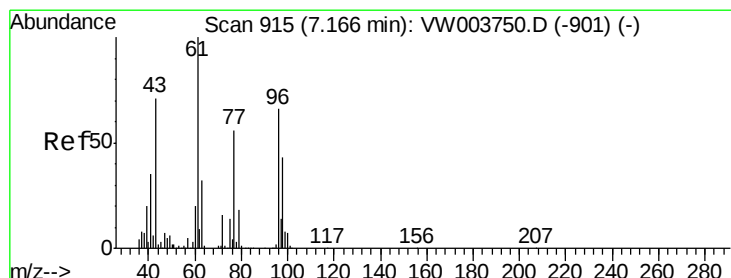
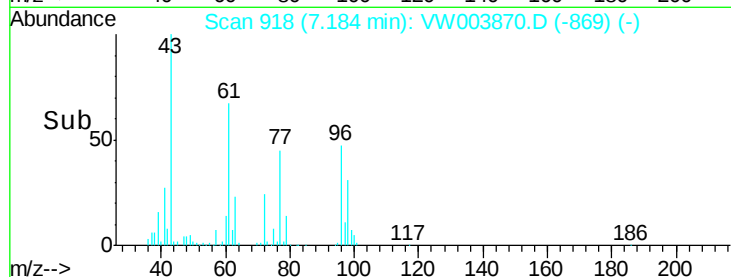
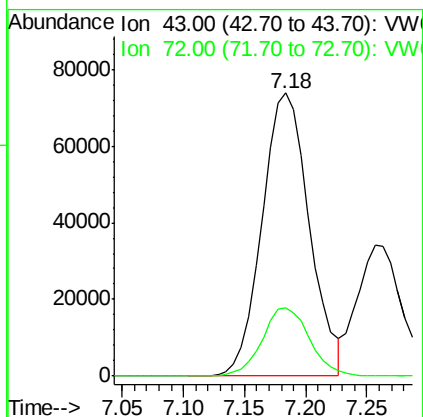
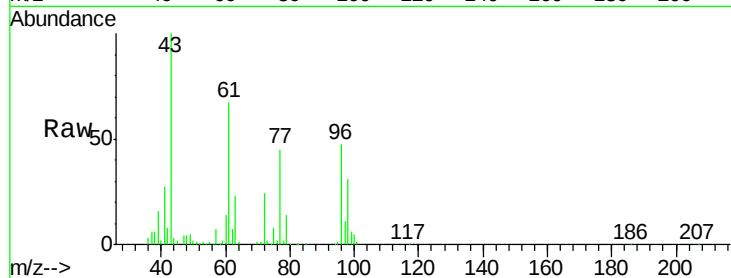
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 198982

Ion Ratio Lower Upper

43 100

72 24.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 53.314 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003870.D

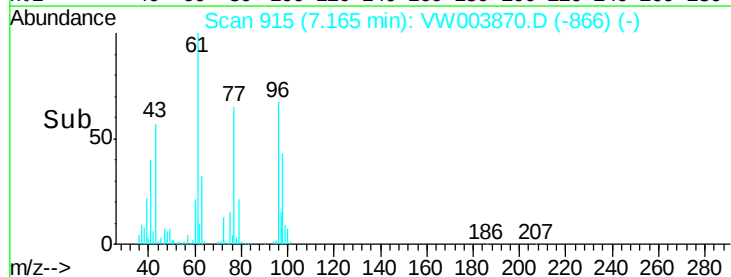
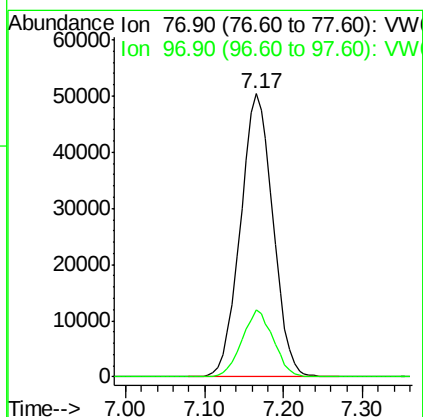
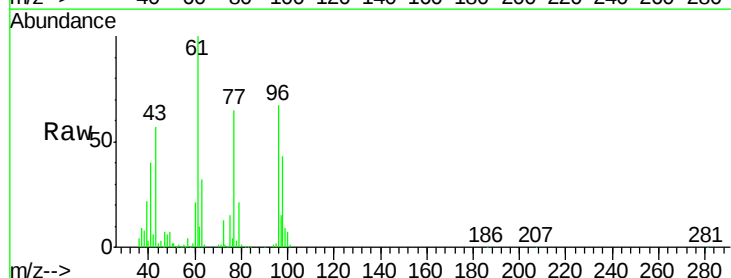
Acq: 11 Jul 2018 17:57

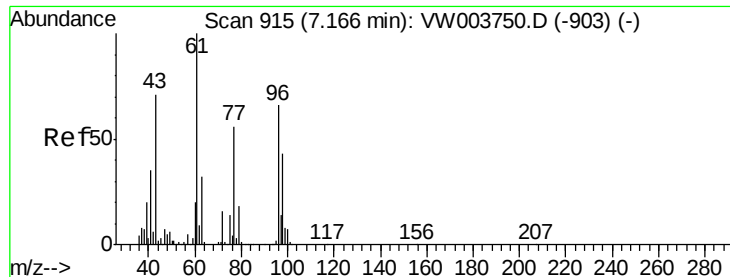
Tgt Ion: 77 Resp: 144243

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



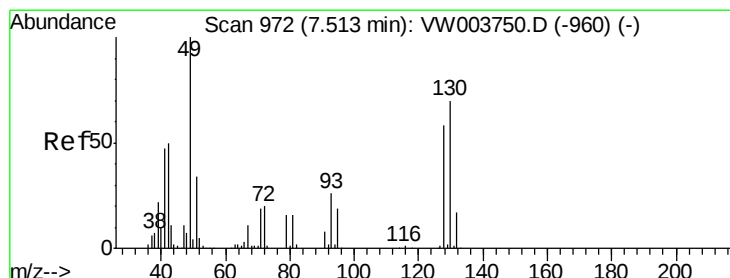
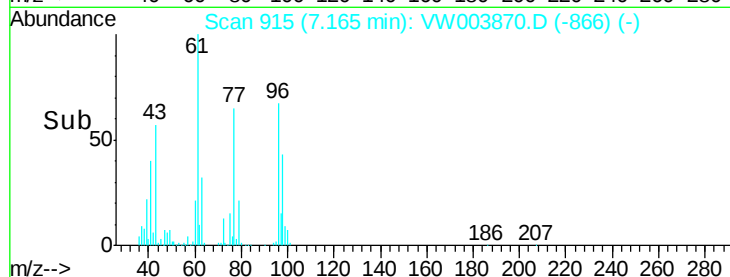
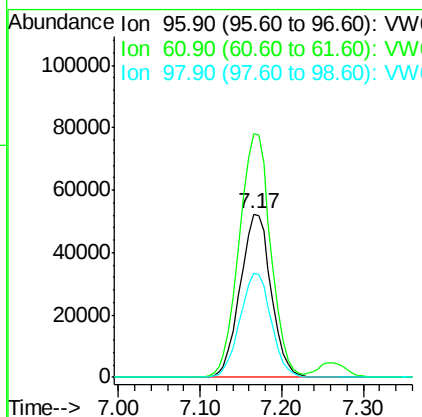
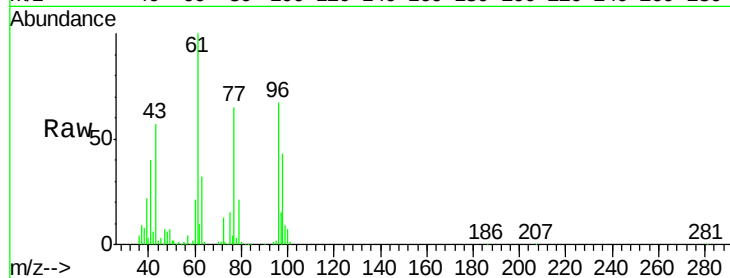


#27

cis-1,2-Dichloroethene
 Concen: 48.846 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampled :

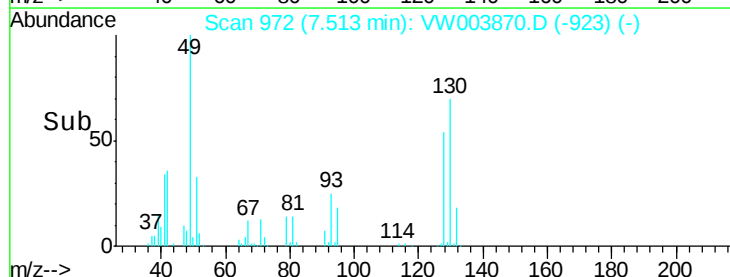
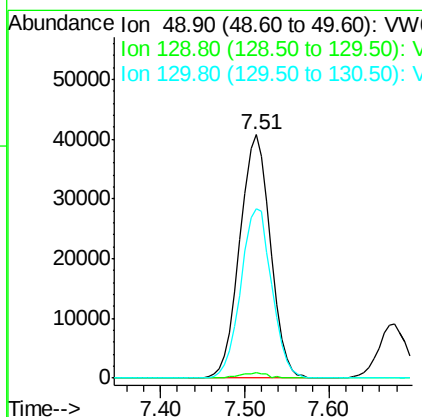
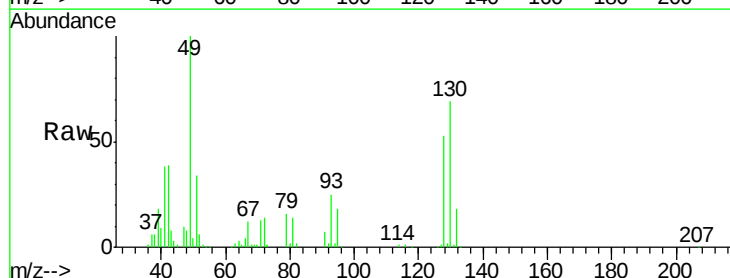
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	300.8
98	64.3	0.0	128.6

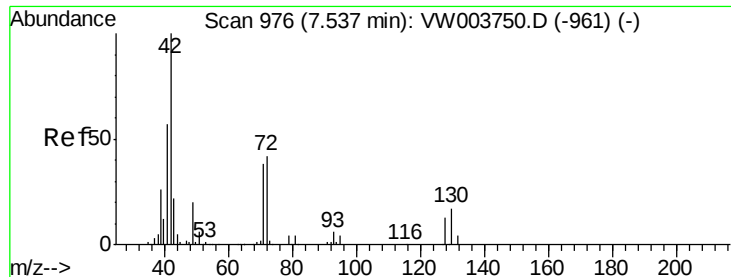


#28

Bromochloromethane
 Concen: 45.070 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	70.3	56.9	85.3

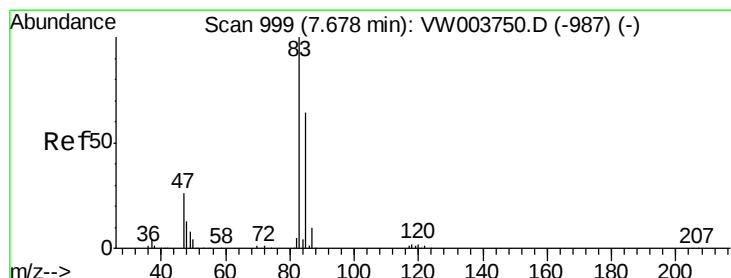
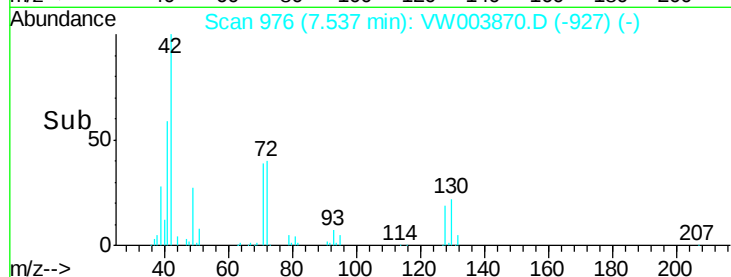
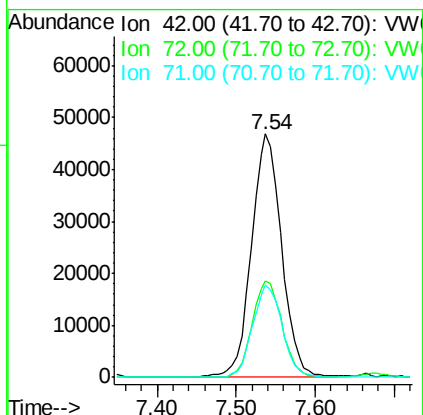
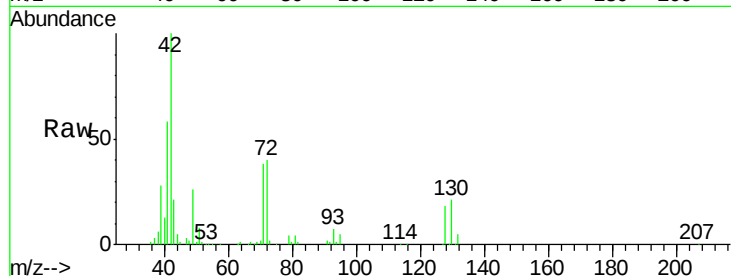




#29
Tetrahydrofuran
Concen: 235.402 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

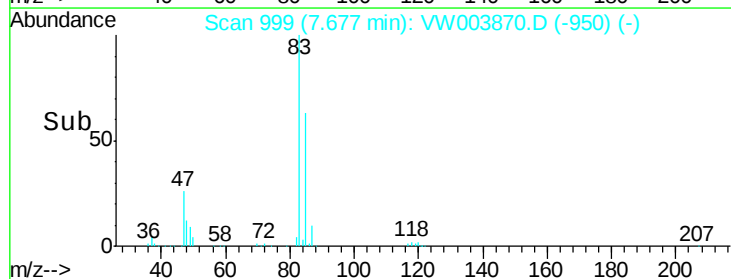
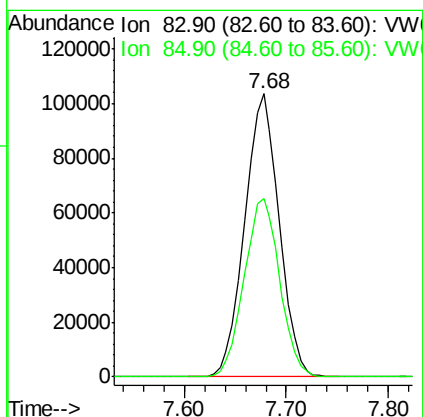
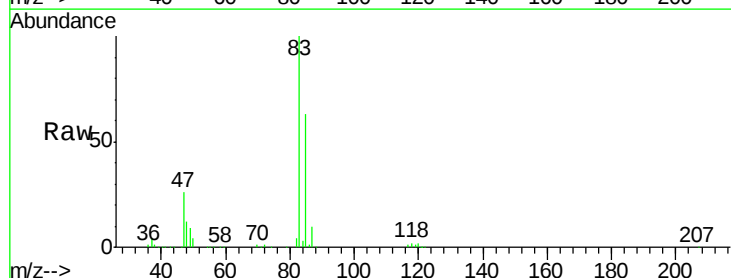
Instrument :
MSVOA_W
ClientSampleId :

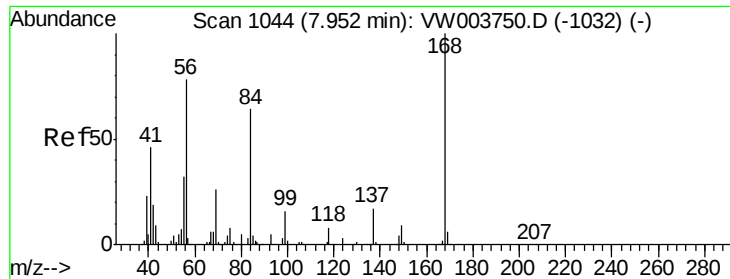
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.8	47.8
71	37.5	30.3	45.5



#30
Chloroform
Concen: 47.859 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3

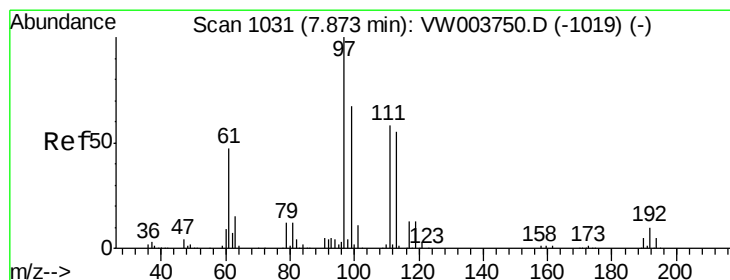
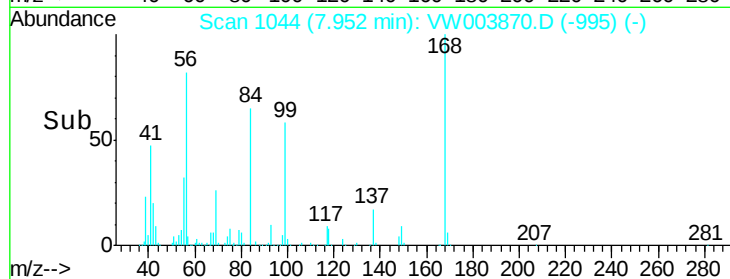
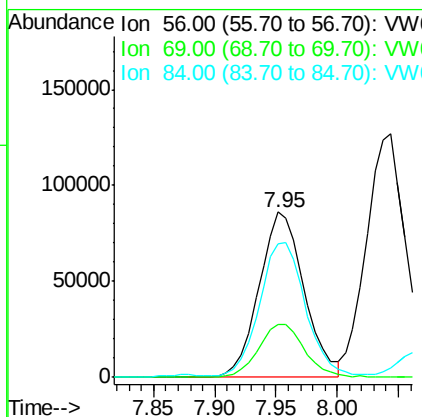
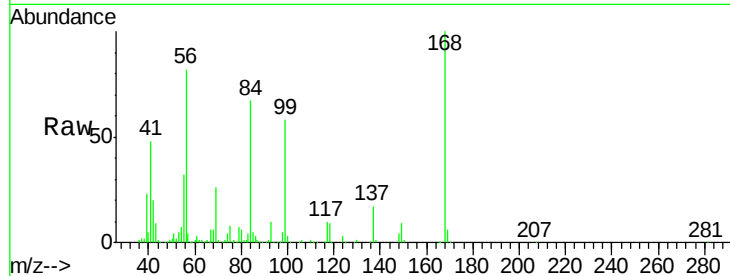




#31
Cyclohexane
Concen: 50.420 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

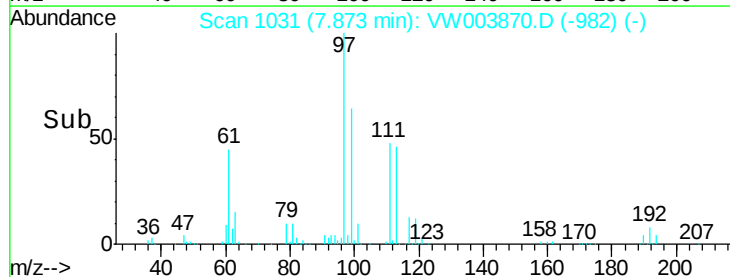
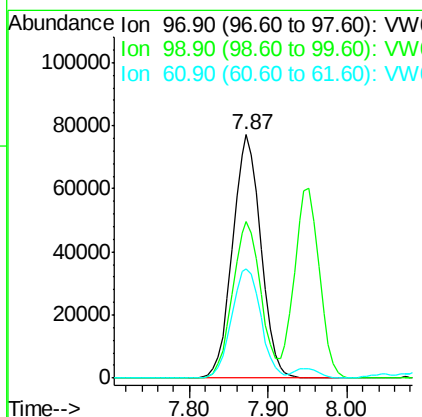
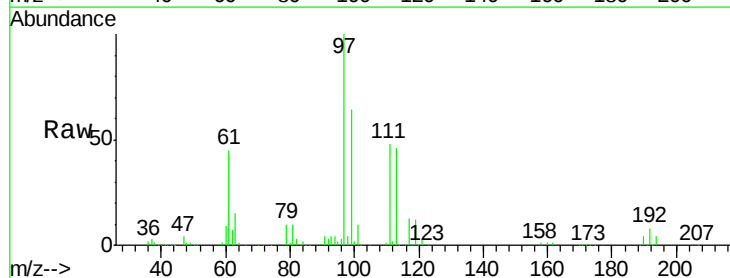
Instrument :
MSVOA_W
ClientSampled :

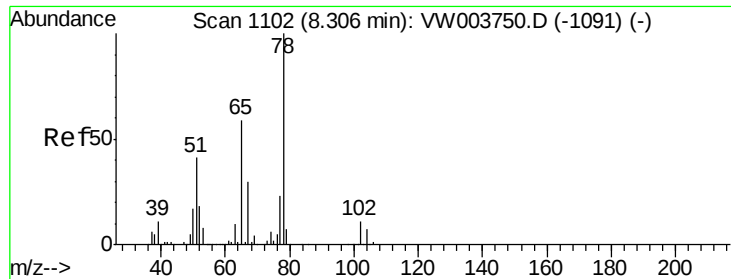
Tot Ion: 56 Resp: 221006
Ion Ratio Lower Upper
56 100
69 31.7 26.2 39.4
84 79.3 65.5 98.3



#32
1,1,1-Trichloroethane
Concen: 49.555 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 97 Resp: 191911
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 46.6 37.6 56.4

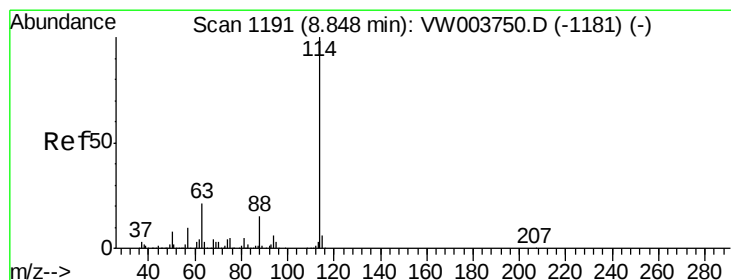
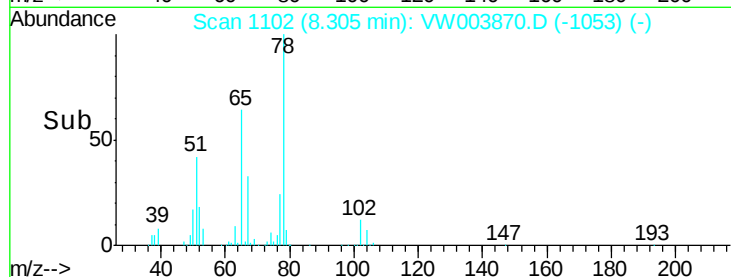
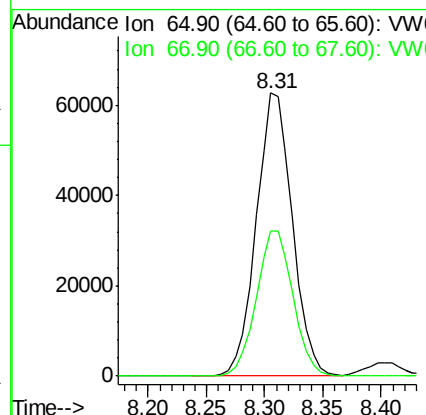
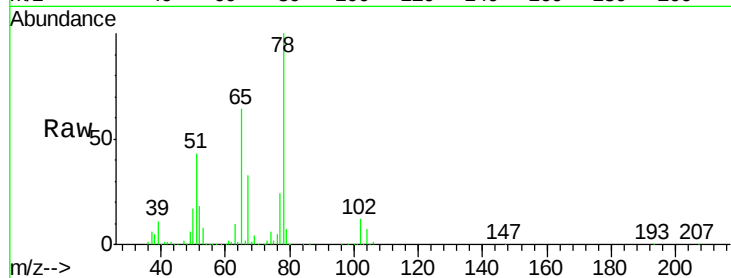




#33
 1,2-Dichloroethane-d4
 Concen: 45.068 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

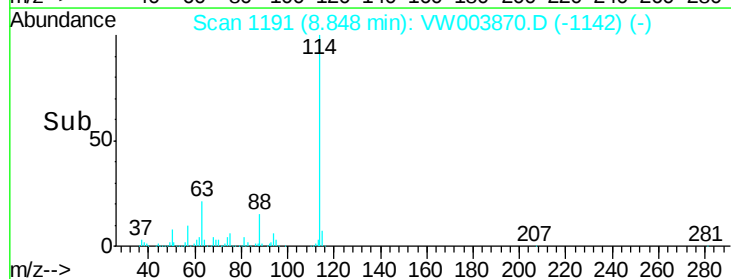
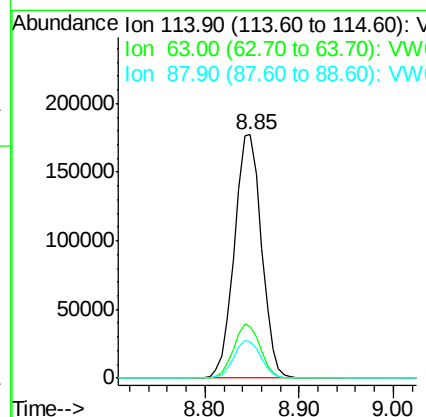
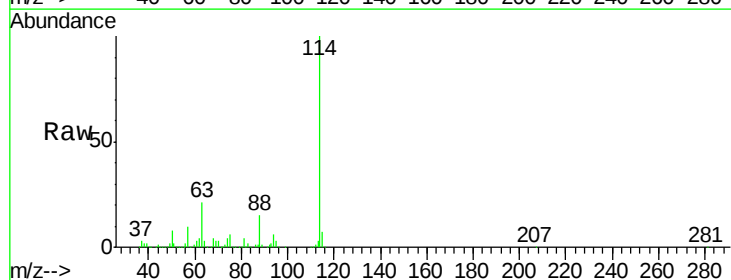
Instrument :
 MSVOA_W
 ClientSampleId :

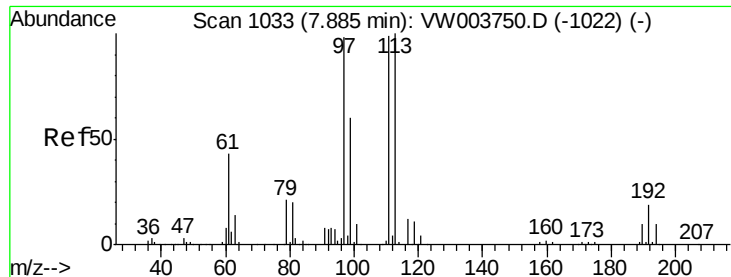
Tot Ion: 65 Resp: 135374
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion: 114 Resp: 353690
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.8
 88 15.0 0.0 30.2

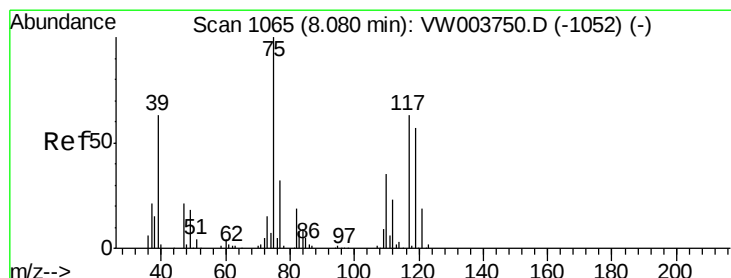
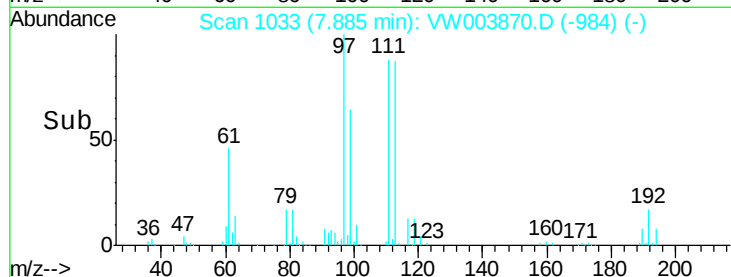
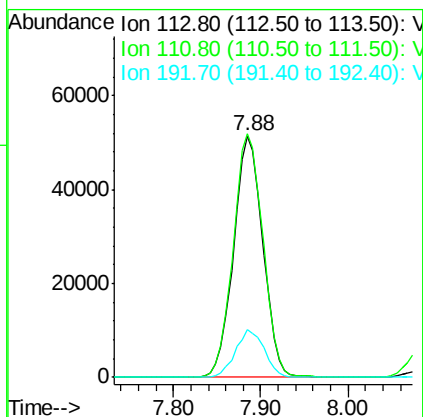
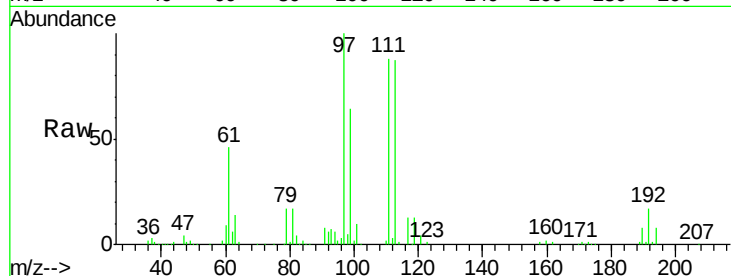




#35
 Dibromofluoromethane
 Concen: 48.238 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

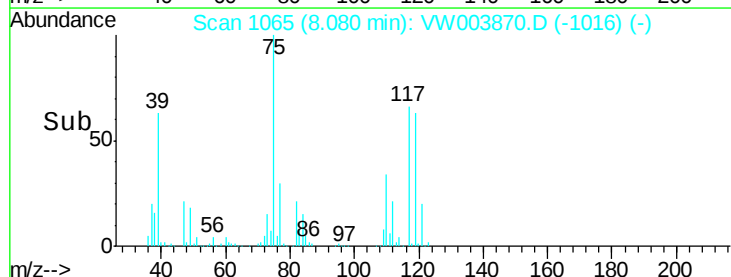
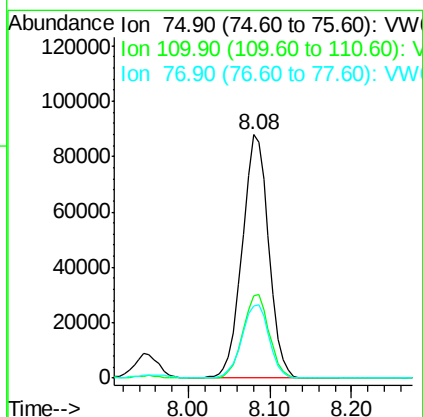
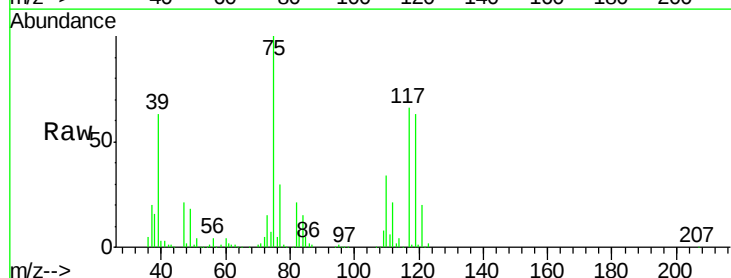
Instrument :
 MSVOA_W
 ClientSampleId :

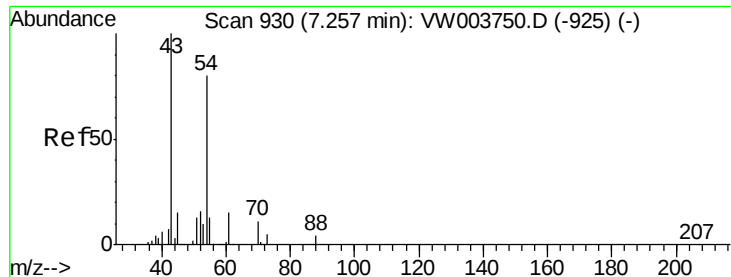
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	19.5	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 52.809 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.6
77	31.1	24.8	37.2

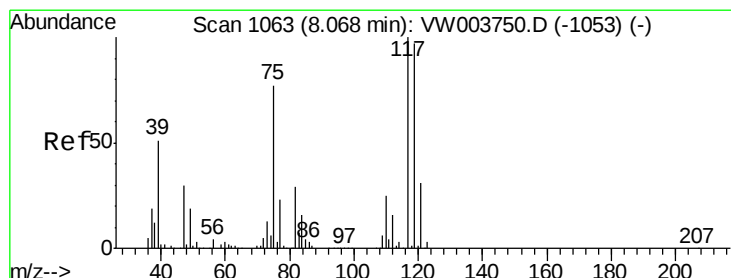
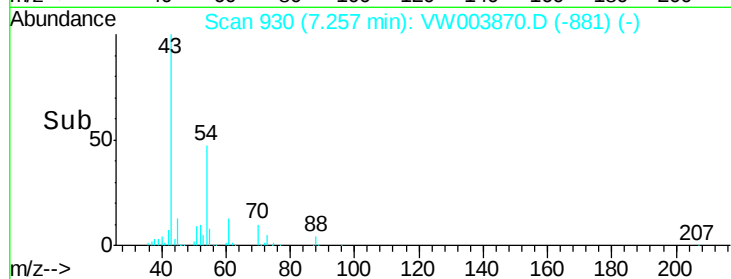
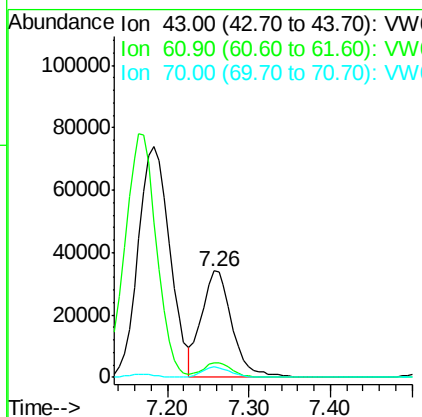
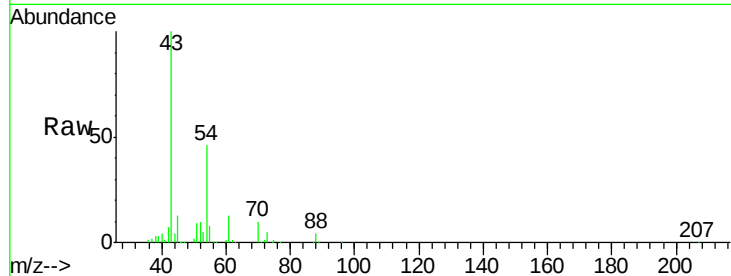




#37
Ethyl Acetate
Concen: 48.487 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

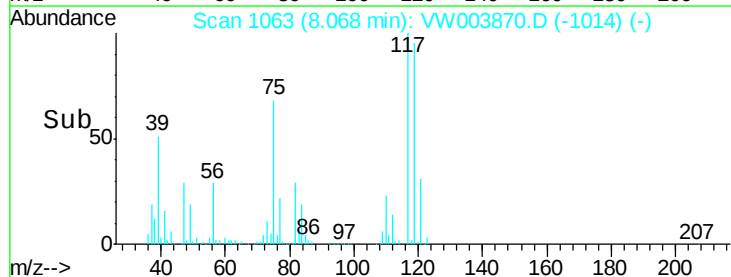
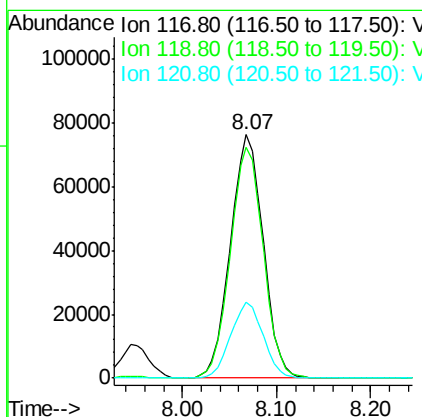
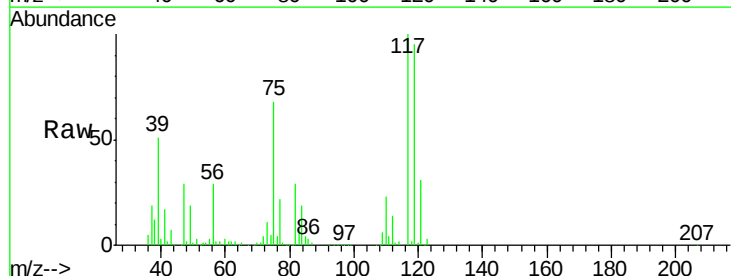
Instrument :
MSVOA_W
ClientSampled :

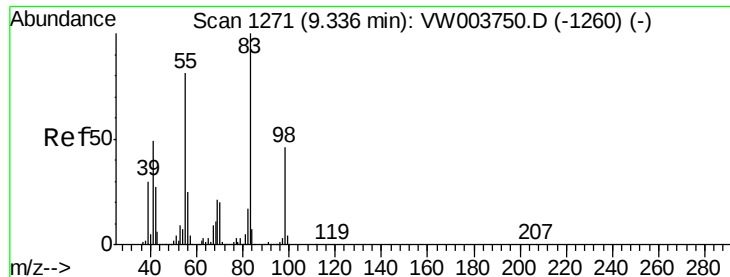
Tot Ion: 43 Resp: 88539
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 9.2 7.5 11.3



#38
Carbon Tetrachloride
Concen: 51.939 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 117 Resp: 185324
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.2
121 31.3 24.6 37.0

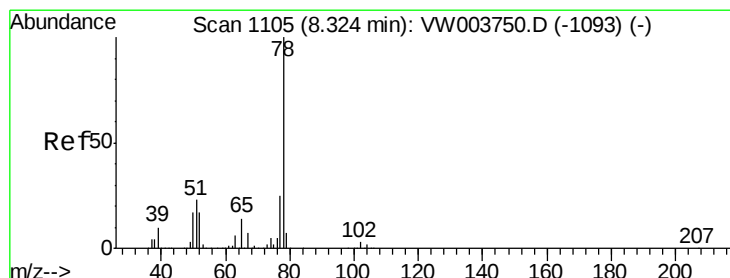
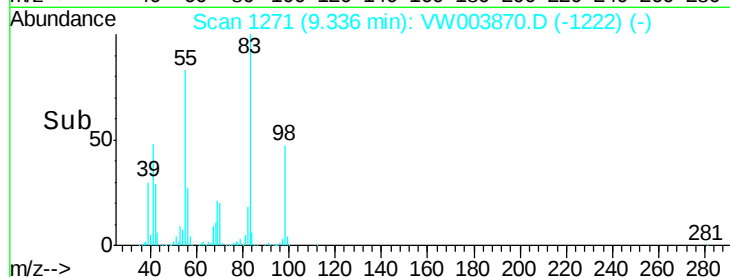
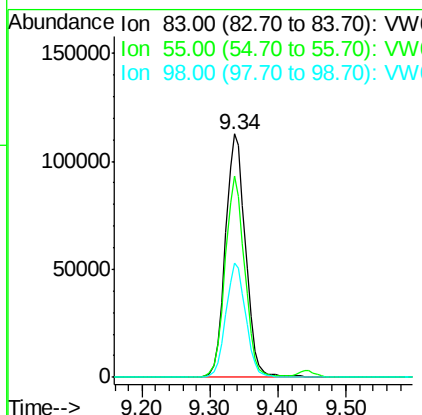
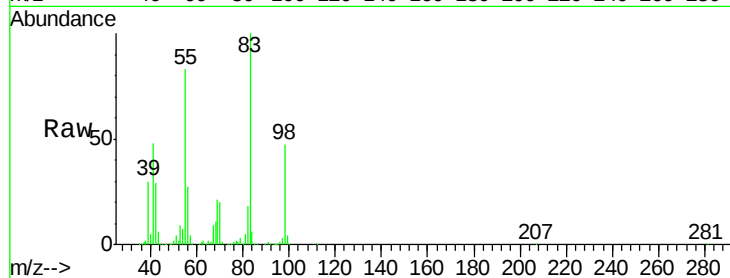




#39
Methvlcvclohexane
Concen: 56.252 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

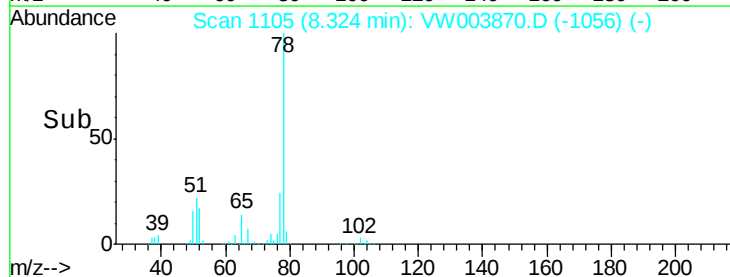
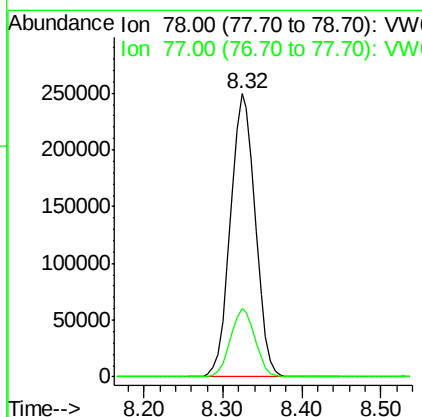
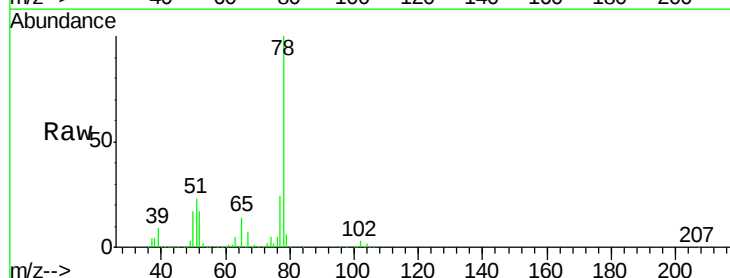
Instrument :
MSVOA_W
ClientSampled :

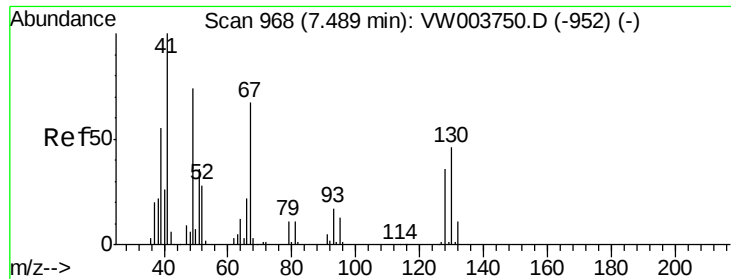
Tot Ion: 83 Resp: 231208
Ion Ratio Lower Upper
83 100
55 82.9 65.1 97.7
98 46.9 36.7 55.1



#40
Benzene
Concen: 50.931 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 78 Resp: 546430
Ion Ratio Lower Upper
78 100
77 24.2 19.7 29.5

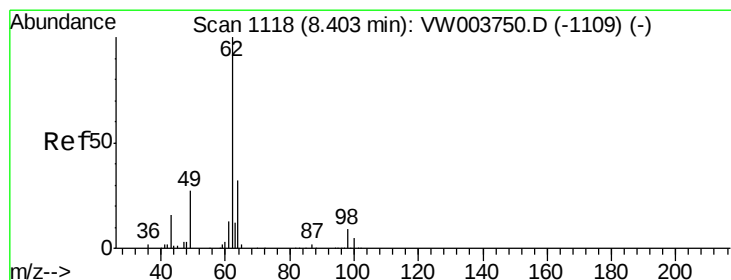
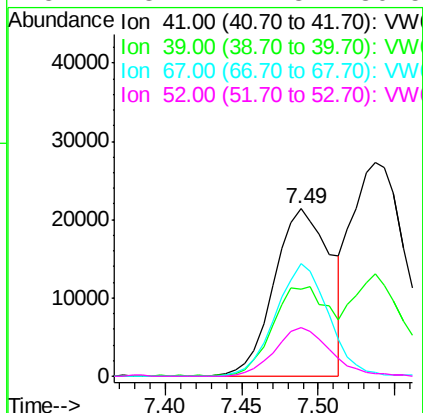
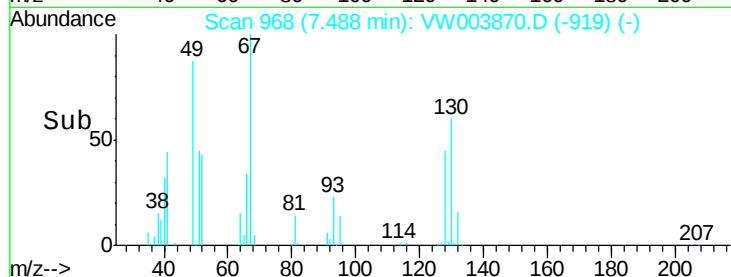
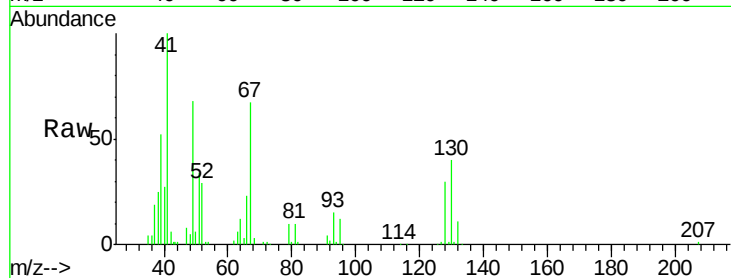




#41
Methacrylonitrile
Concen: 52.461 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

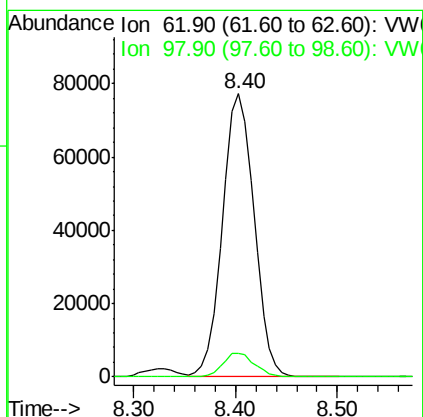
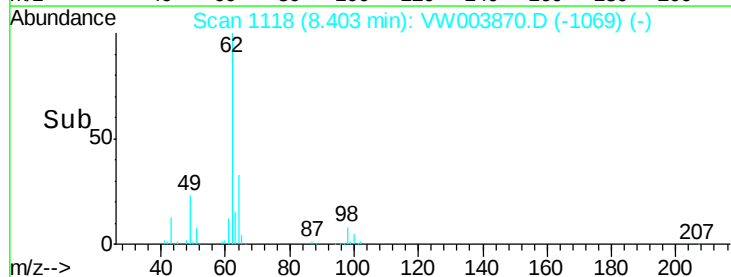
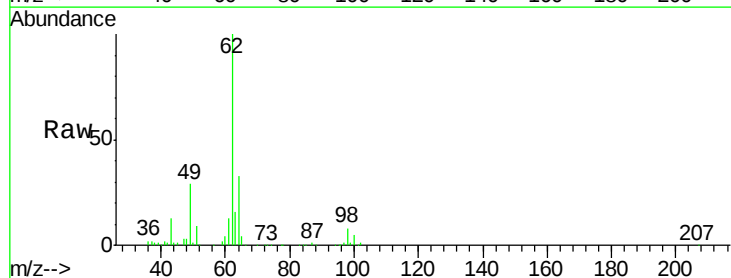
Instrument :
MSVOA_W
ClientSampleId :

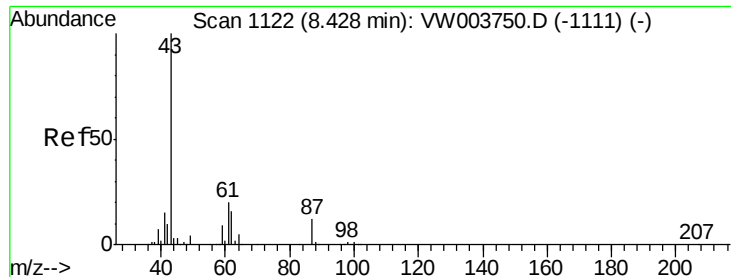
Tot Ion: 41 Resp: 55105
Ion Ratio Lower Upper
41 100
39 54.7 49.5 74.3
67 62.9 53.8 80.8
52 28.7 24.3 36.5



#42
1,2-Dichloroethane
Concen: 47.891 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 62 Resp: 166290
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.4





#43

Isopropyl Acetate

Concen: 48.617 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :

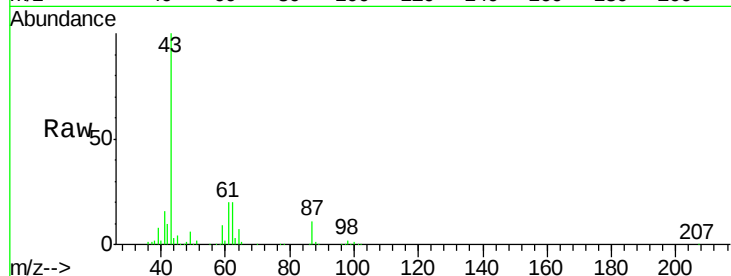
Tot Ion: 43 Resp: 168252

Ion Ratio Lower Upper

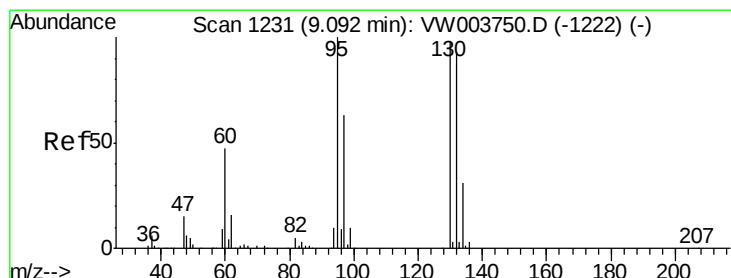
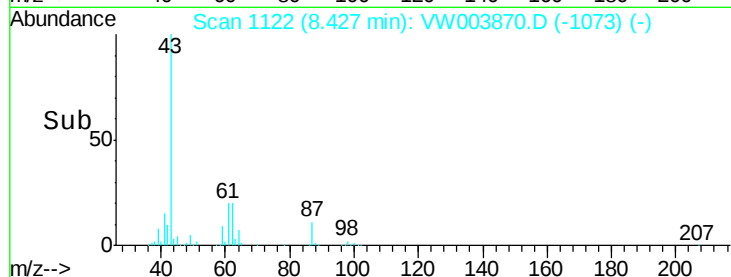
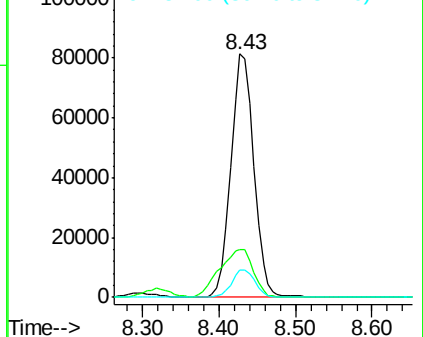
43 100

61 28.9 22.8 34.2

87 11.6 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.690 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003870.D

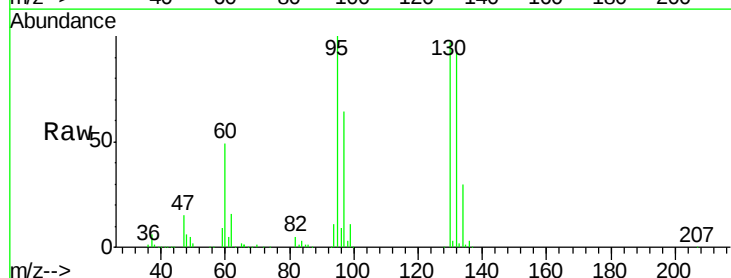
Acq: 11 Jul 2018 17:57

Tgt Ion:130 Resp: 137105

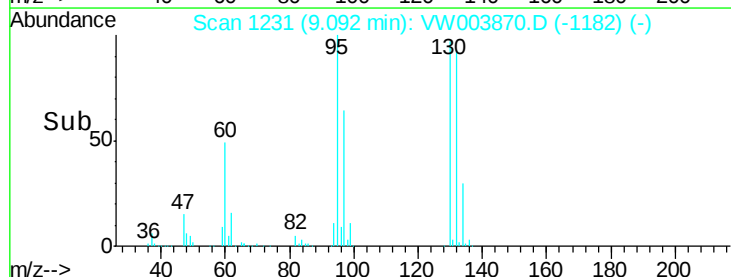
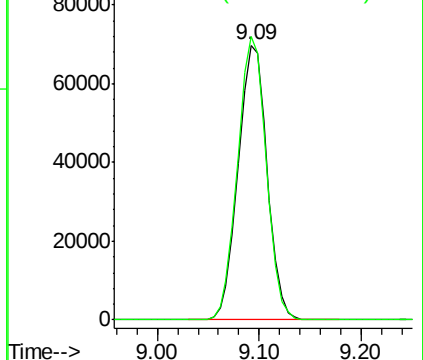
Ion Ratio Lower Upper

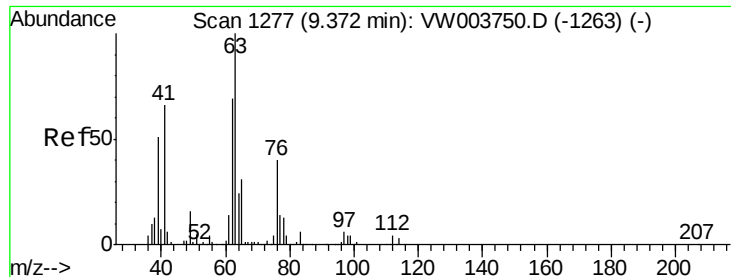
130 100

95 103.1 0.0 203.8



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

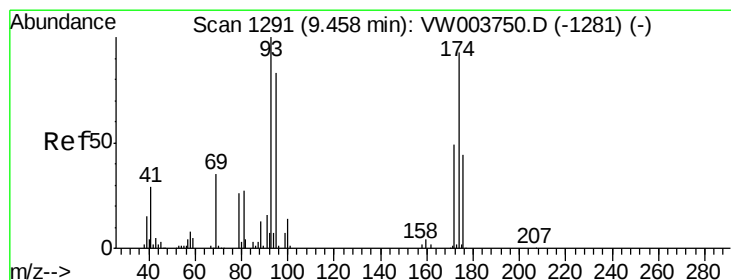
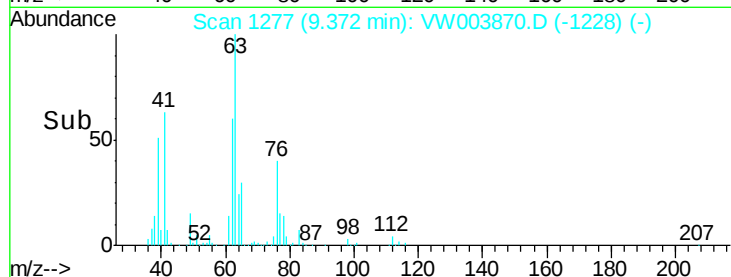
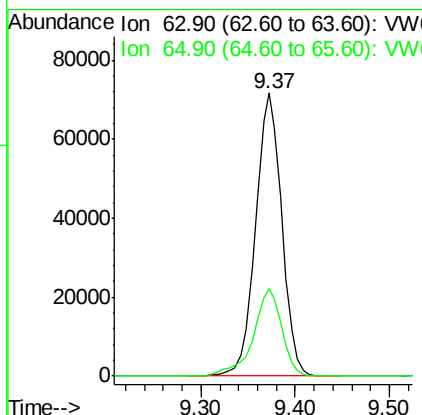
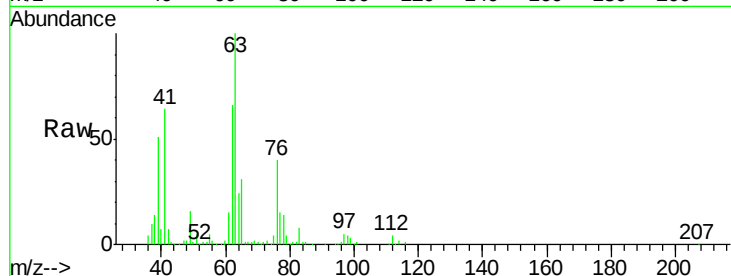




#45
 1,2-Dichloropropane
 Concen: 50.245 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

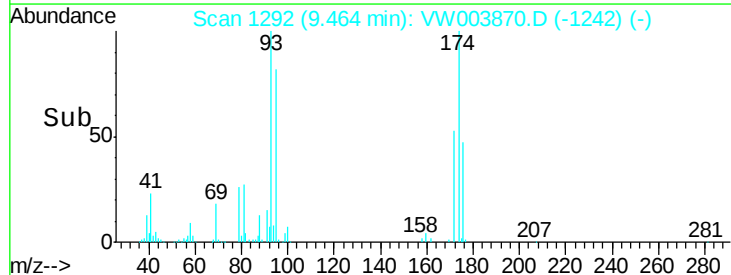
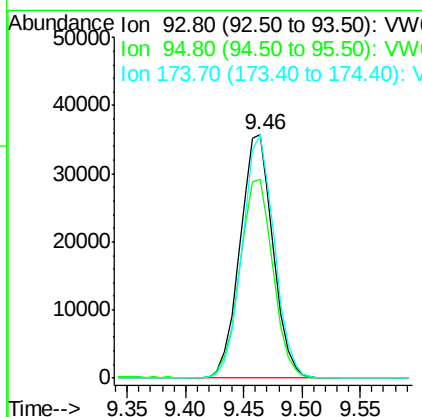
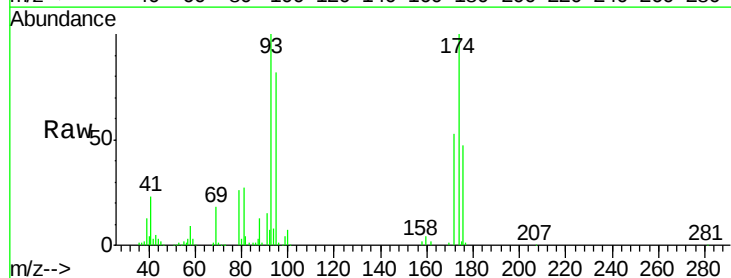
Instrument :
 MSVOA_W
 ClientSampleId :

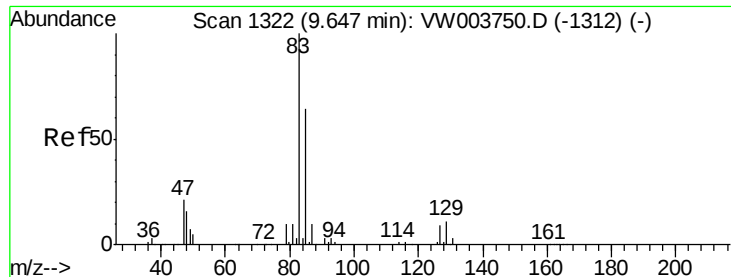
Tot Ion: 63 Resp: 140167
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 47.973 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion: 93 Resp: 70368
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 97.5 78.1 117.1





#47

Bromodichloromethane

Concen: 49.565 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

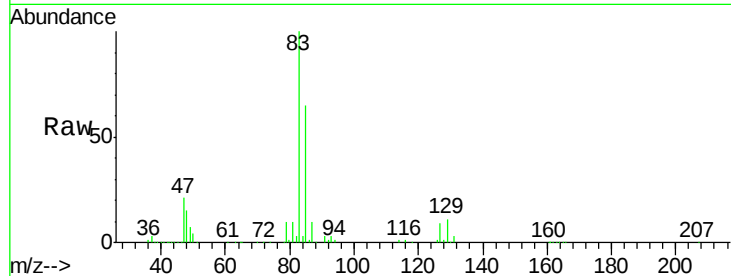
Tot Ion: 83 Resp: 178857

Ion Ratio Lower Upper

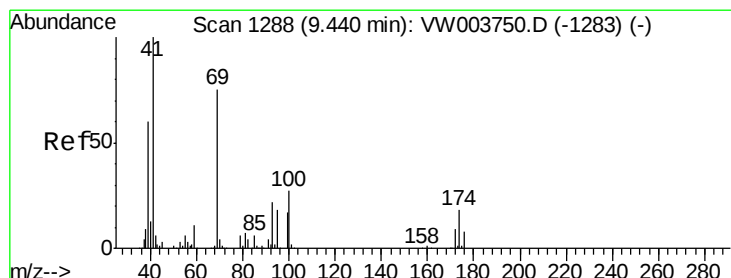
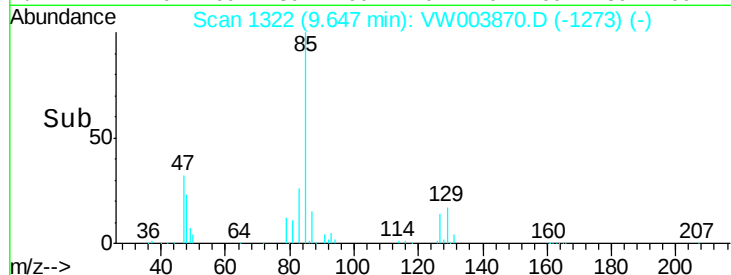
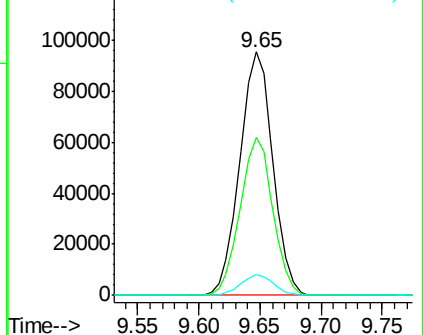
83 100

85 64.8 51.4 77.0

127 8.8 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: 49.640 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

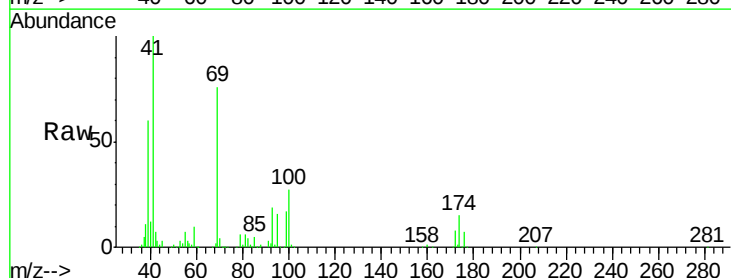
Tgt Ion: 41 Resp: 81815

Ion Ratio Lower Upper

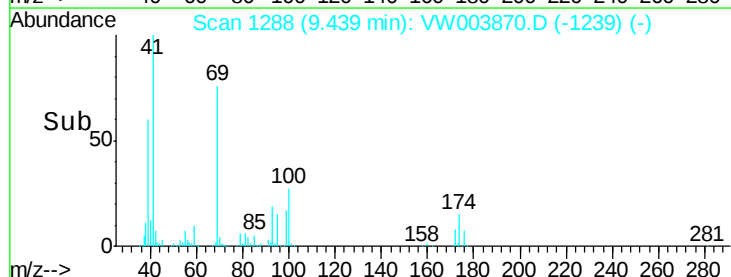
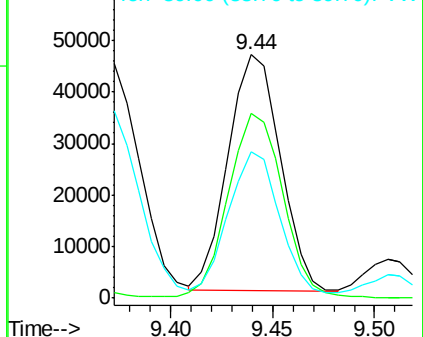
41 100

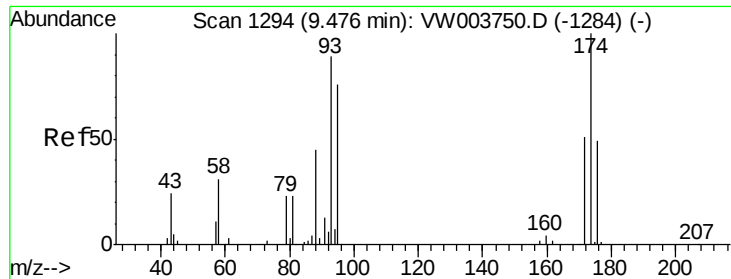
69 82.5 63.8 95.8

39 62.5 50.2 75.2



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

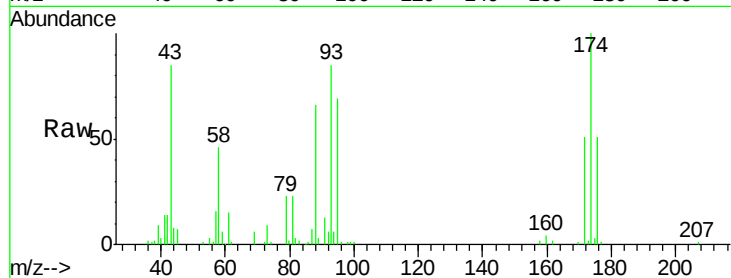




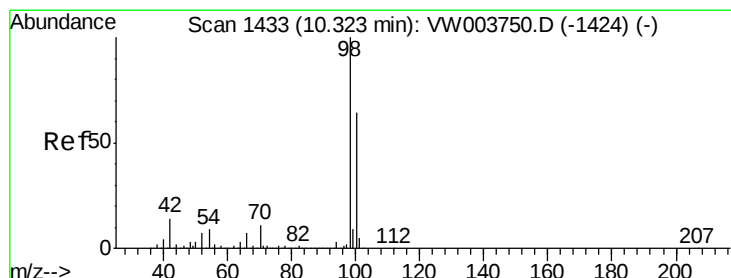
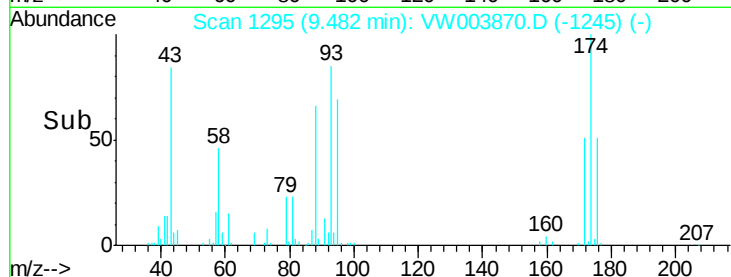
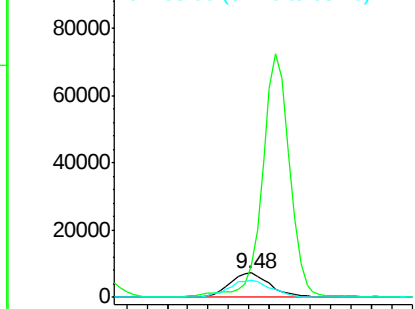
#49
1,4-Dioxane
Concen: 915.173 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 20063
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.8 59.7 89.5

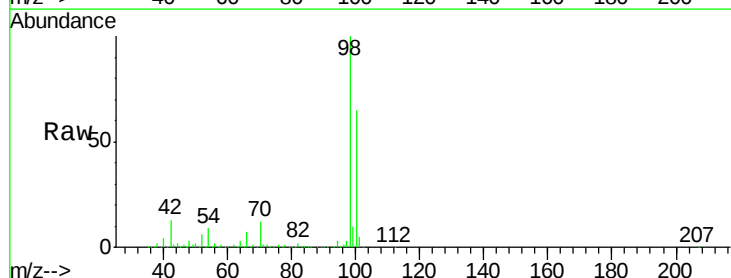


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

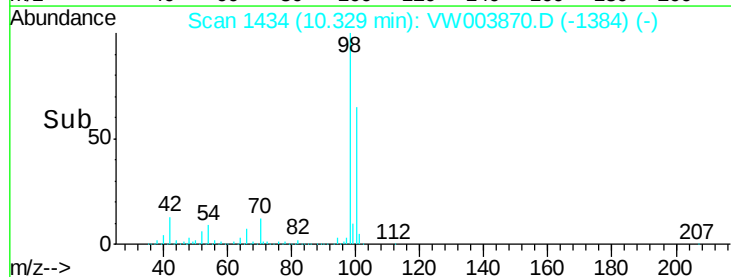
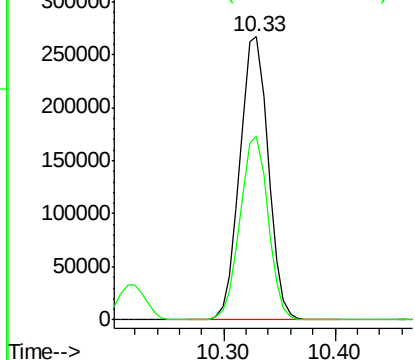


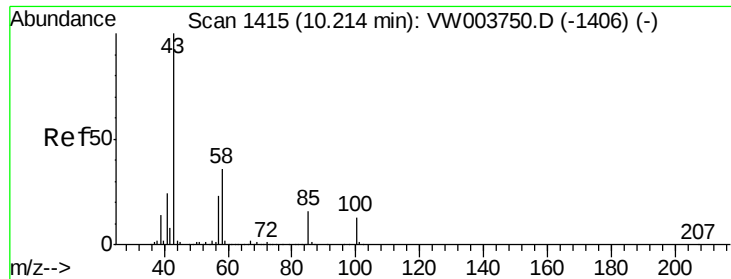
#50
Toluene-d8
Concen: 50.206 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 98 Resp: 475407
Ion Ratio Lower Upper
98 100
100 63.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 250.550 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

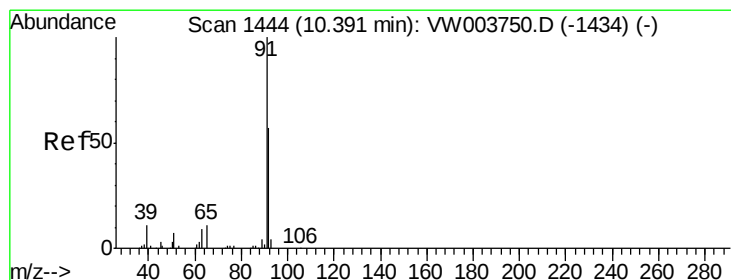
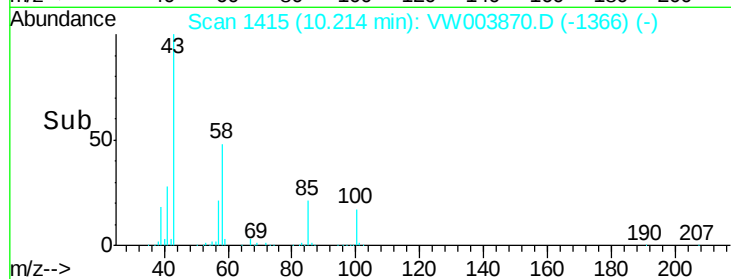
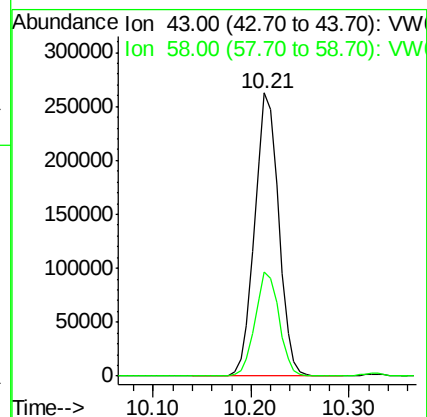
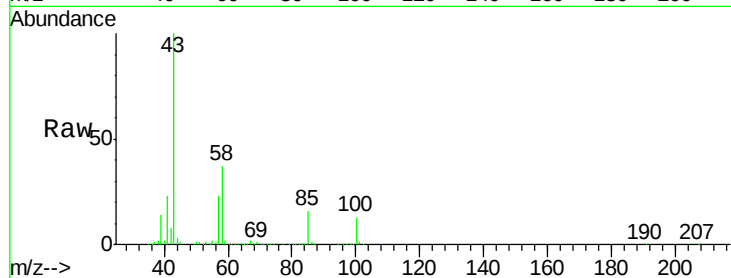
ClientSampled :

Tot Ion: 43 Resp: 448703

Ion Ratio Lower Upper

43 100

58 36.7 29.3 43.9



#52

Toluene

Concen: 51.933 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003870.D

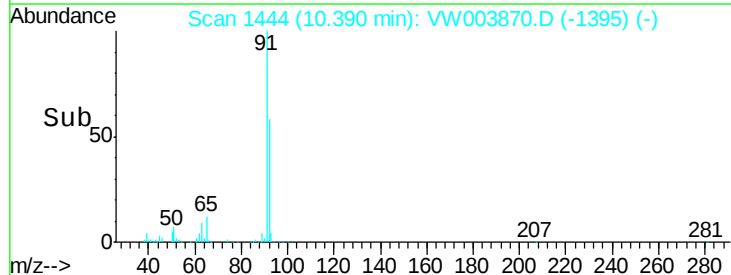
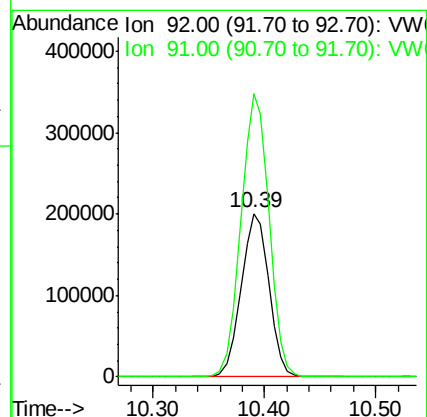
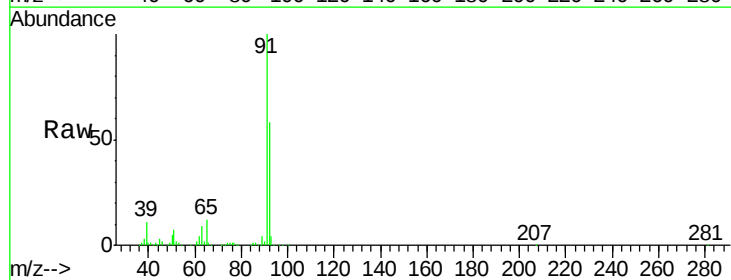
Acq: 11 Jul 2018 17:57

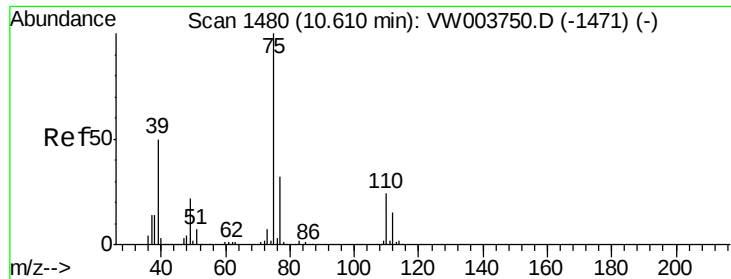
Tgt Ion: 92 Resp: 345496

Ion Ratio Lower Upper

92 100

91 174.6 140.6 211.0

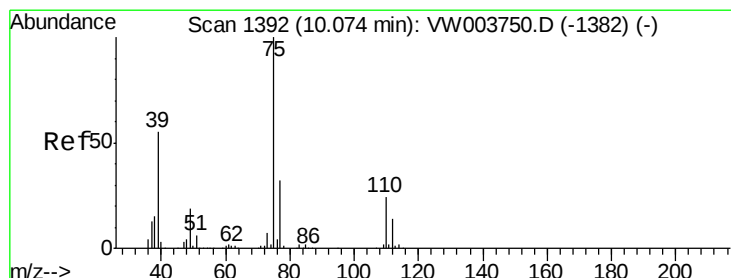
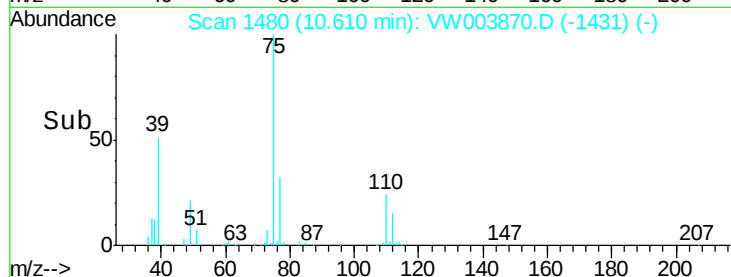
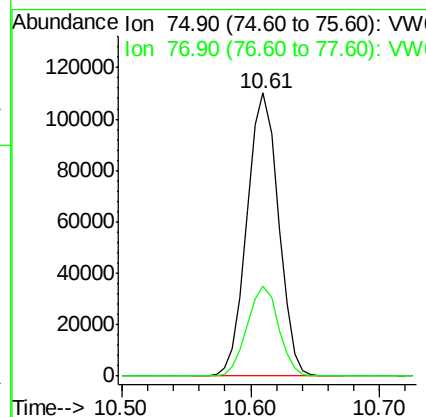
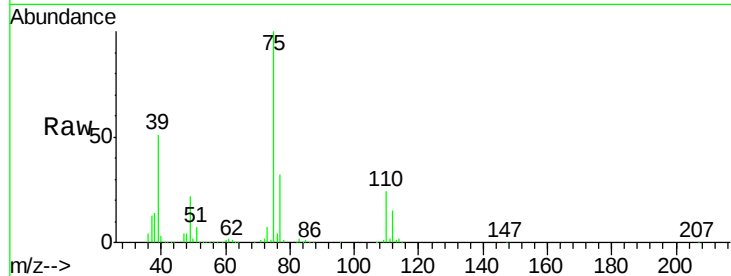




#53
t-1,3-Dichloropropene
Concen: 51.654 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

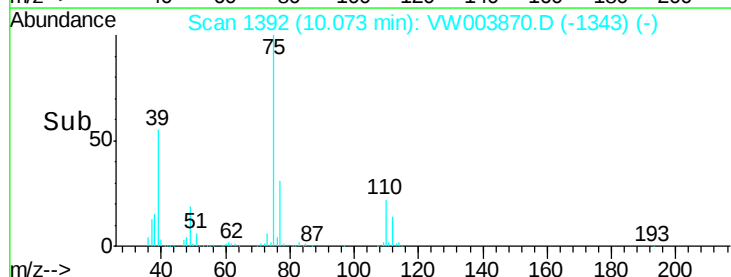
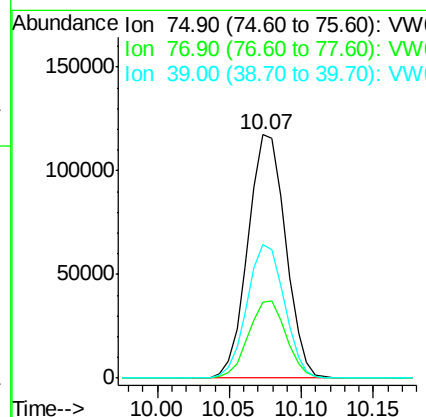
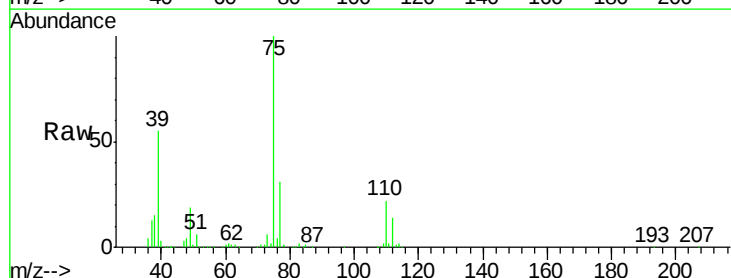
Instrument :
MSVOA_W
ClientSampleId :

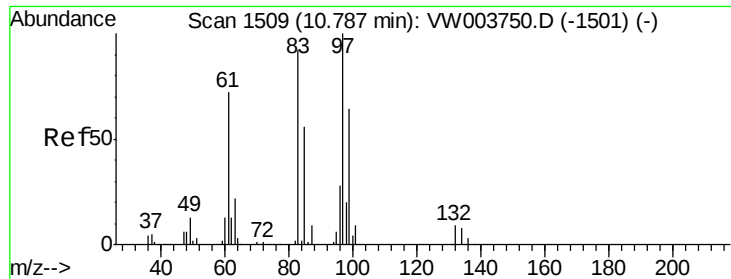
Tot Ion: 75 Resp: 186110
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 52.382 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 75 Resp: 213049
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 54.6 43.6 65.4

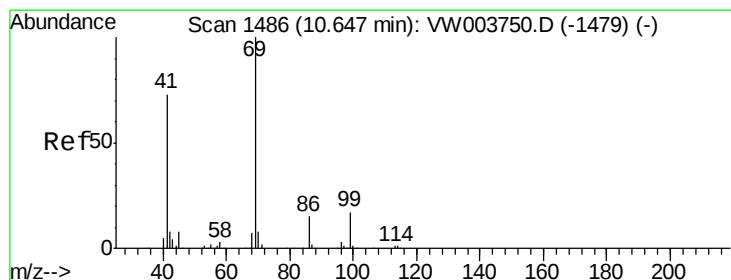
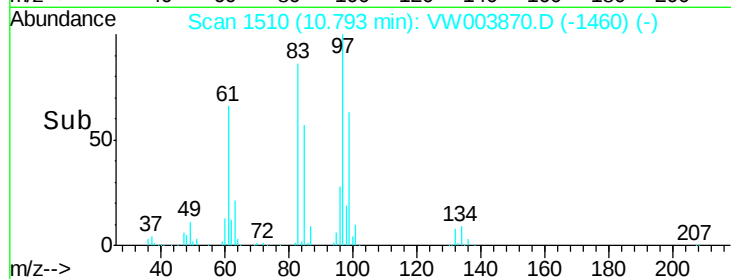
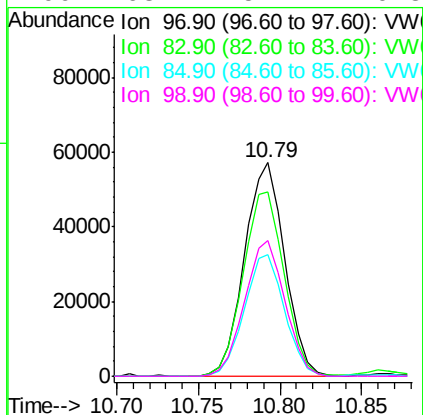
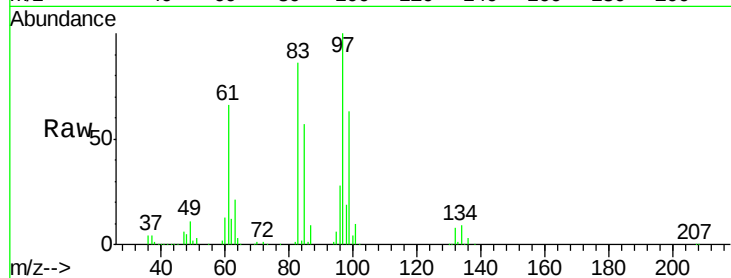




#55
 1,1,2-Trichloroethane
 Concen: 48.062 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

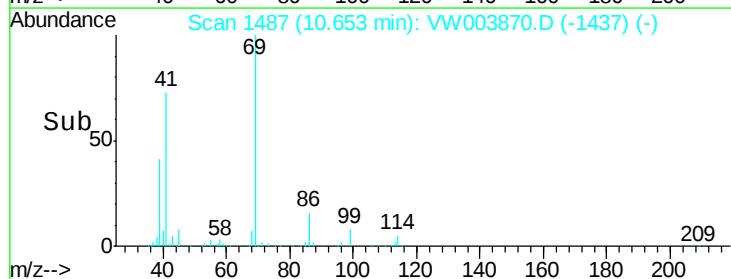
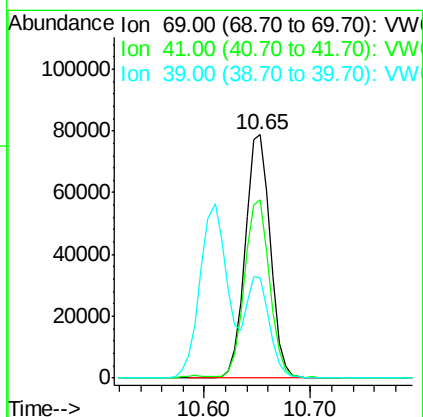
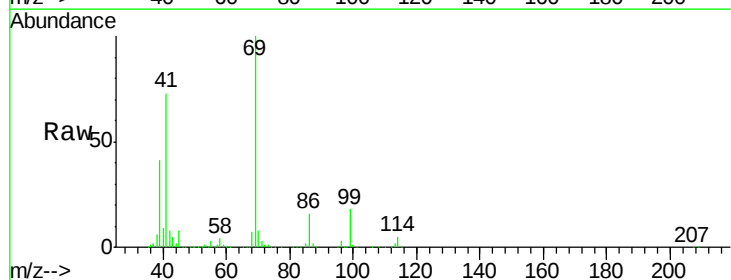
Instrument :
 MSVOA_W
 ClientSampleId :

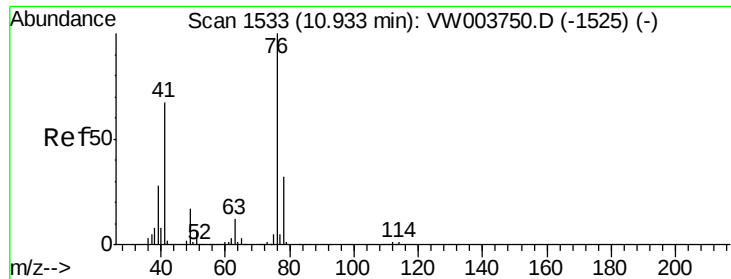
Tot Ion:	97	Resp:	97913
Ion	Ratio	Lower	Upper
97	100		
83	86.3	73.8	110.6
85	56.8	45.0	67.4
99	63.2	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 52.422 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion:	69	Resp:	130324
Ion	Ratio	Lower	Upper
69	100		
41	73.4	59.0	88.4
39	36.6	32.8	49.2

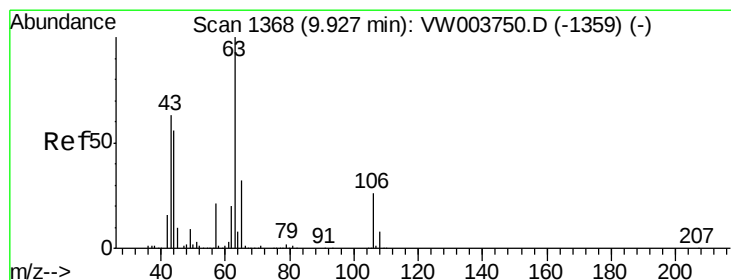
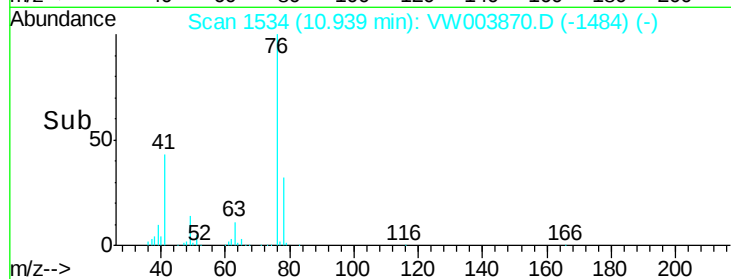
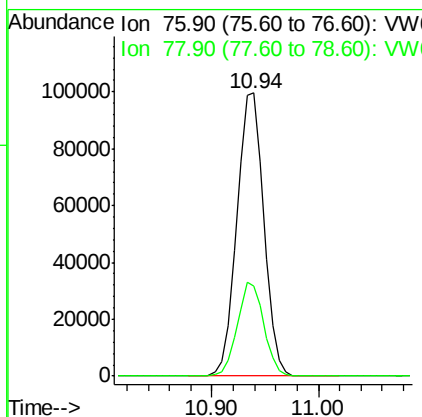
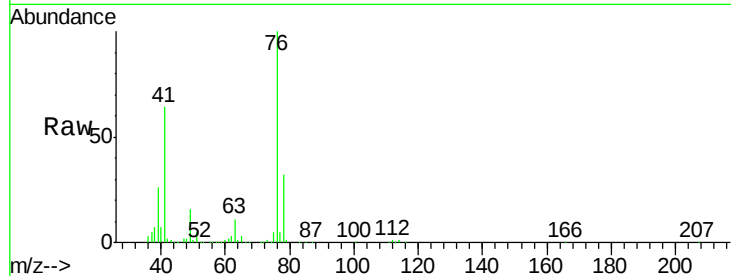




#57
 1,3-Dichloropropane
 Concen: 49.924 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

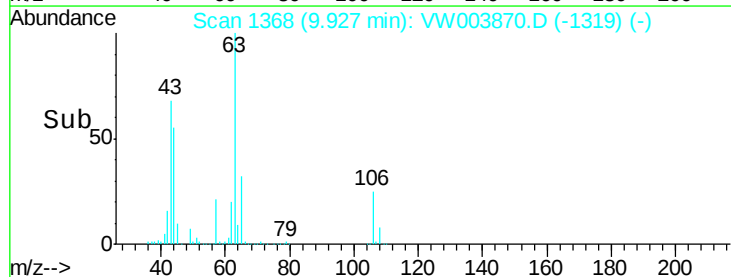
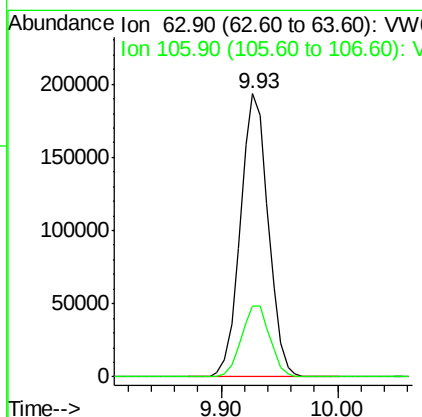
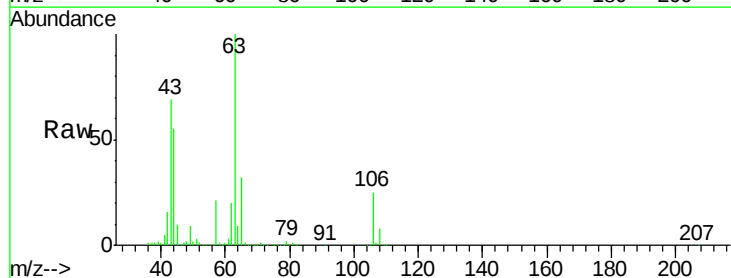
Instrument :
 MSVOA_W
 ClientSampleId :

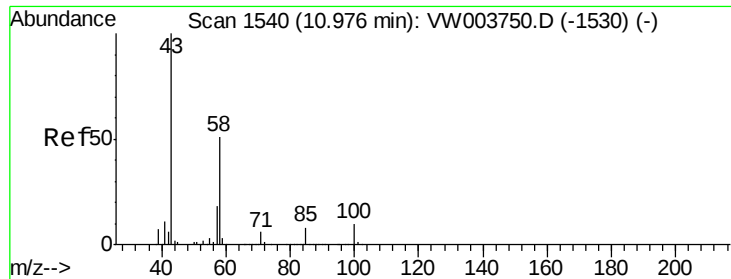
Tot Ion: 76 Resp: 177271
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.087 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion: 63 Resp: 323215
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.9 31.3

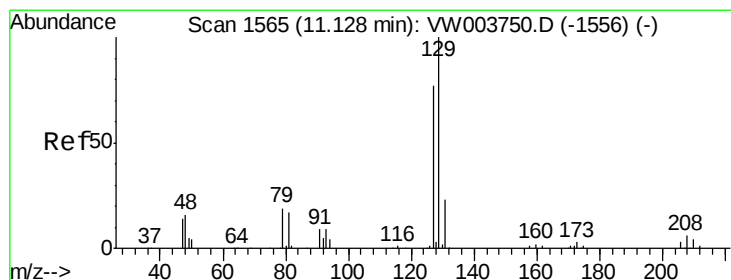
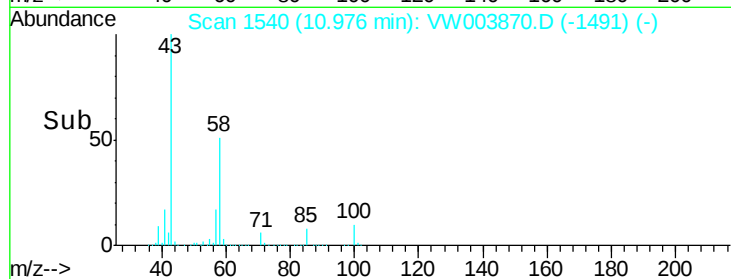
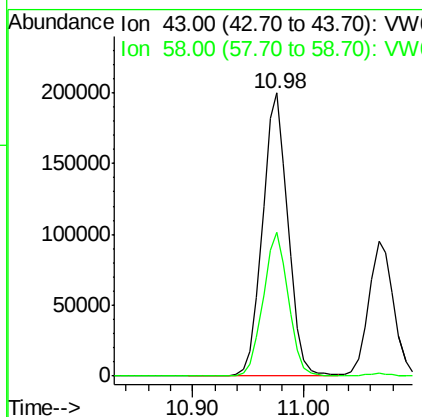
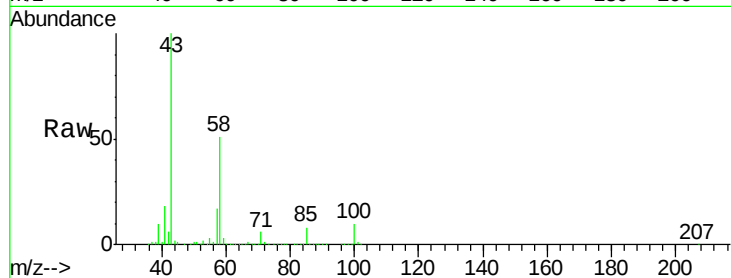




#59
2-Hexanone
Concen: 258.977 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

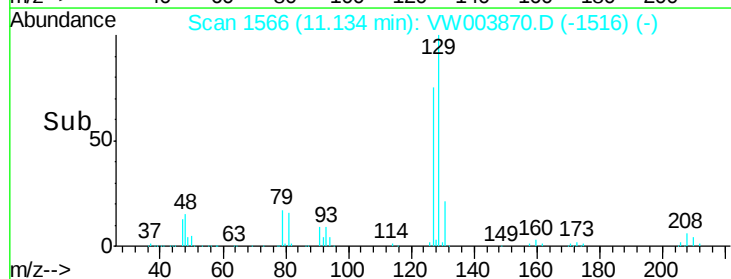
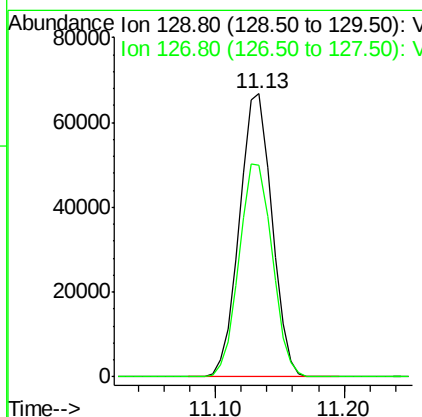
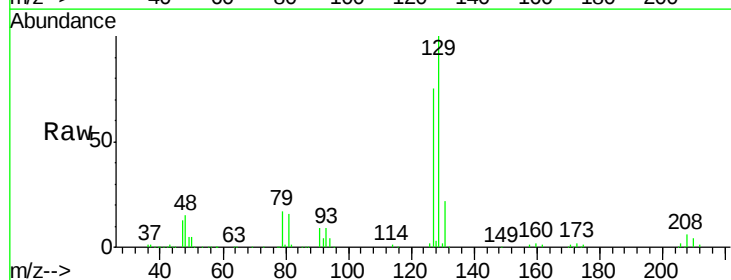
Instrument :
MSVOA_W
ClientSampled :

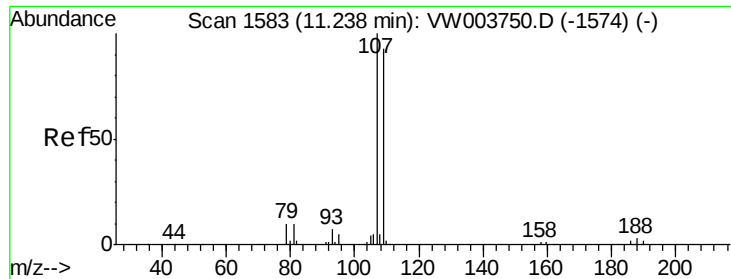
Tot Ion: 43 Resp: 318481
Ion Ratio Lower Upper
43 100
58 50.2 25.4 76.2



#60
Dibromochloromethane
Concen: 49.156 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 129 Resp: 116898
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6

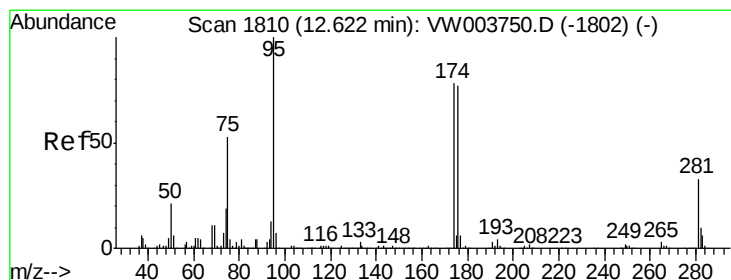
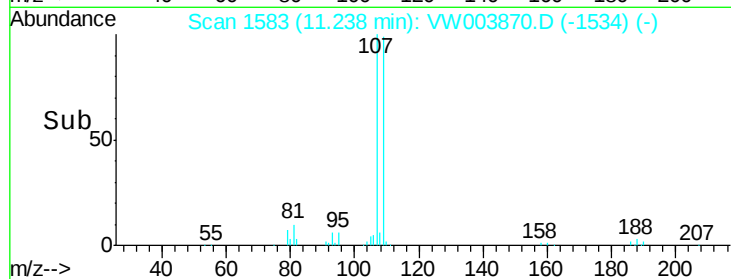
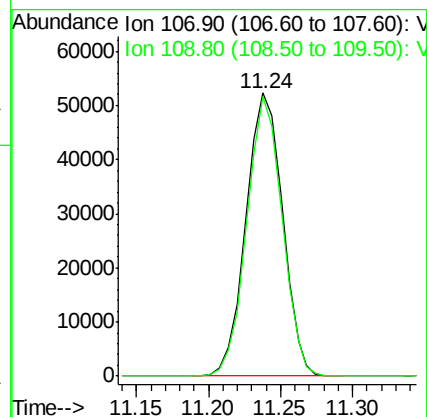
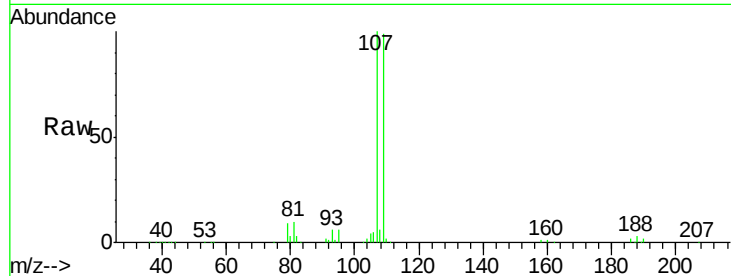




#61
 1,2-Dibromoethane
 Concen: 47.376 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

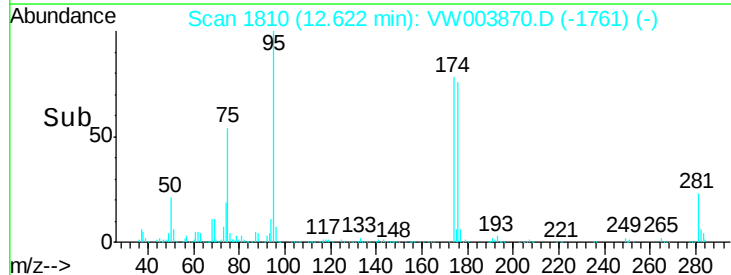
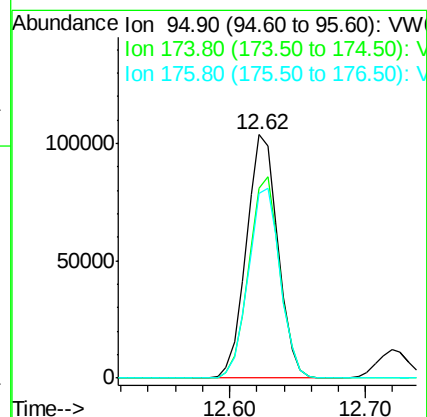
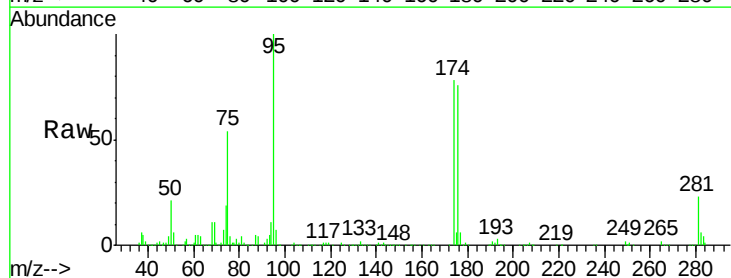
Instrument :
 MSVOA_W
 ClientSampleId :

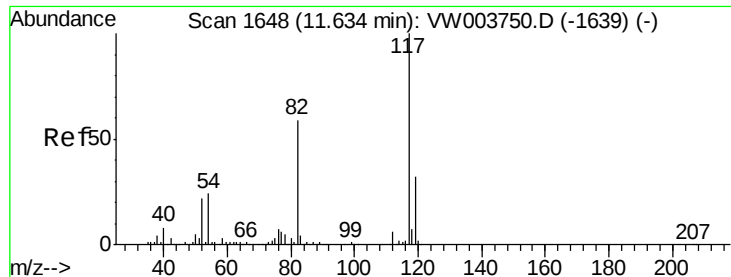
Tot Ion:107 Resp: 92299
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.182 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion: 95 Resp: 168501
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 163.4
 176 78.7 0.0 156.8

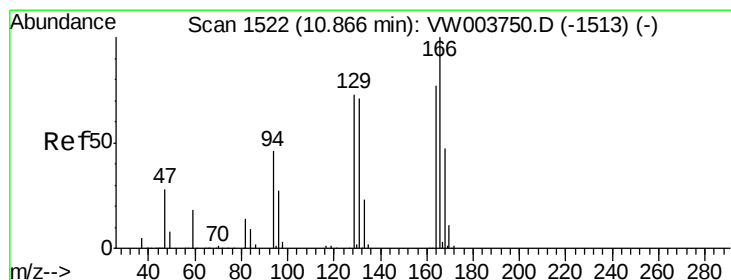
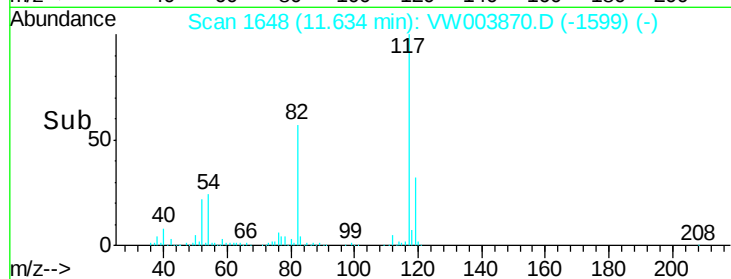
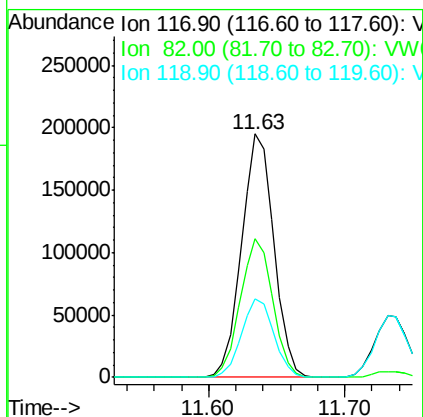
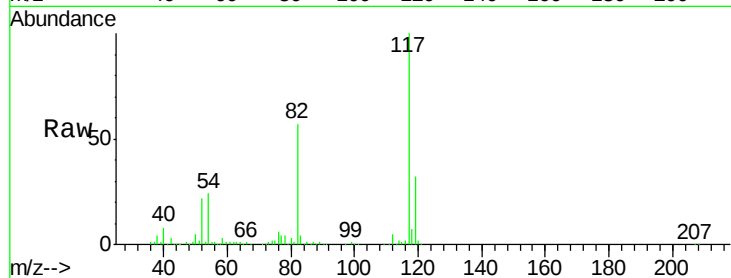




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

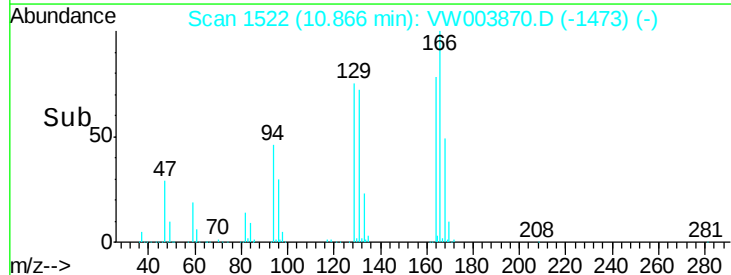
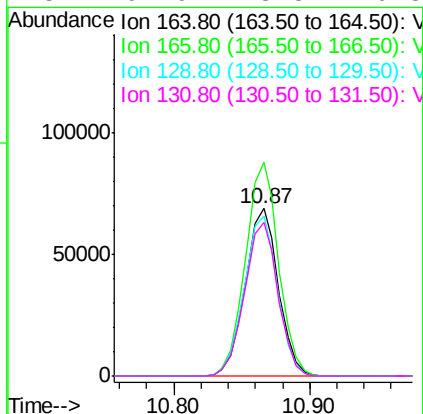
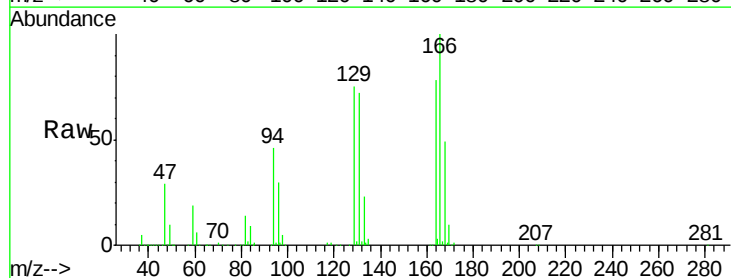
Instrument :
MSVOA_W
ClientSampleId :

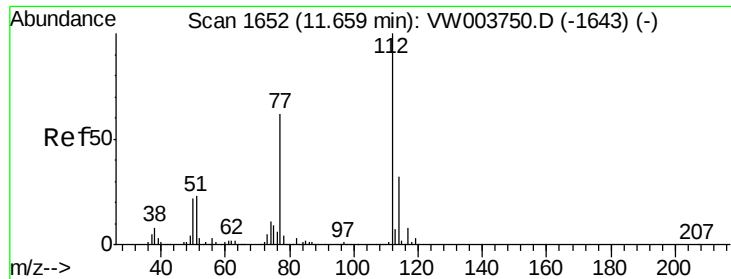
Tot Ion:117 Resp: 323798
Ion Ratio Lower Upper
117 100
82 57.2 46.9 70.3
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 48.930 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion:164 Resp: 117193
Ion Ratio Lower Upper
164 100
166 127.7 104.2 156.4
129 96.0 75.8 113.8
131 91.9 73.5 110.3

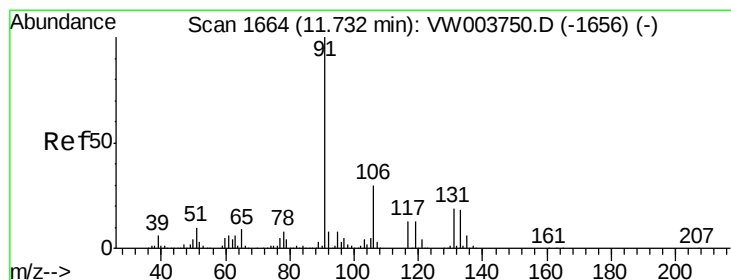
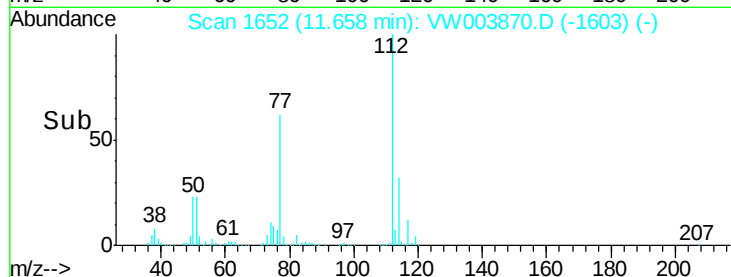
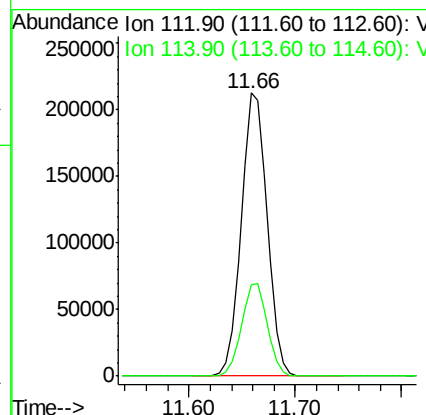
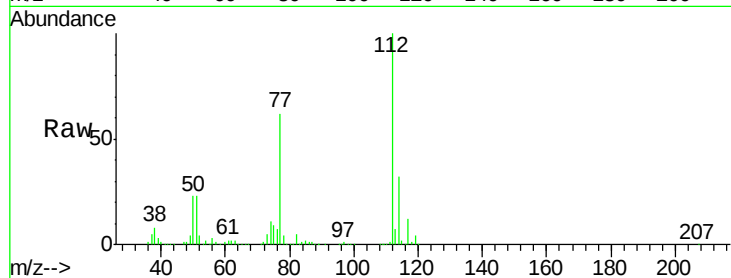




#65
Chlorobenzene
Concen: 50.922 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

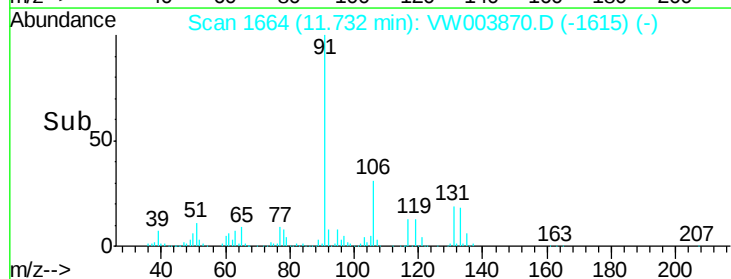
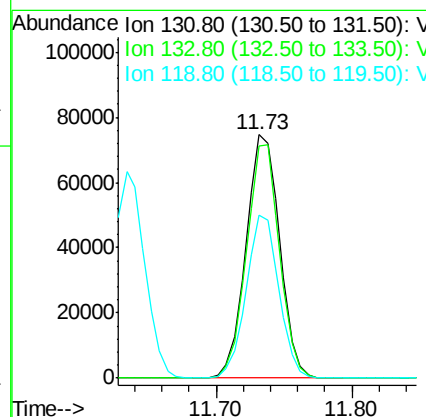
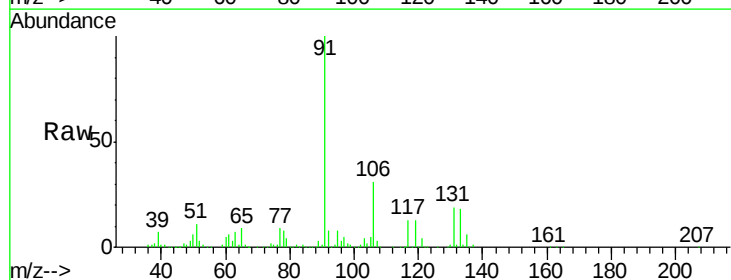
Instrument :
MSVOA_W
ClientSampleId :

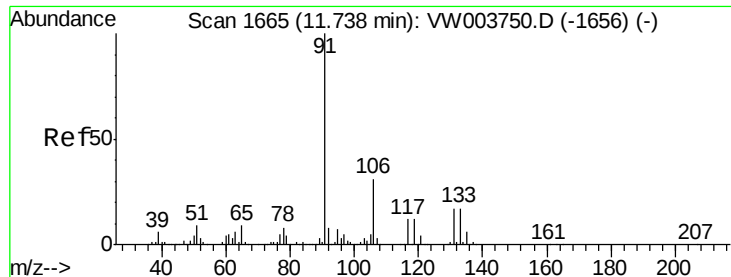
Tot Ion:112 Resp: 363482
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.754 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion:131 Resp: 129093
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.2
119 65.1 33.2 99.6

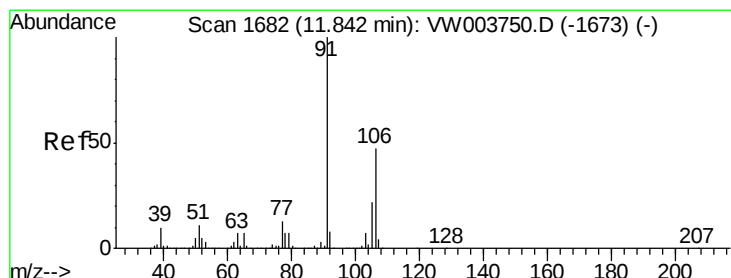
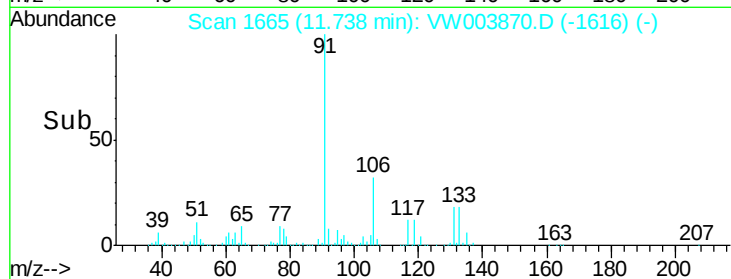
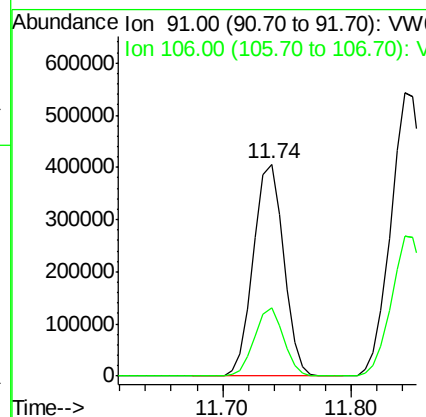
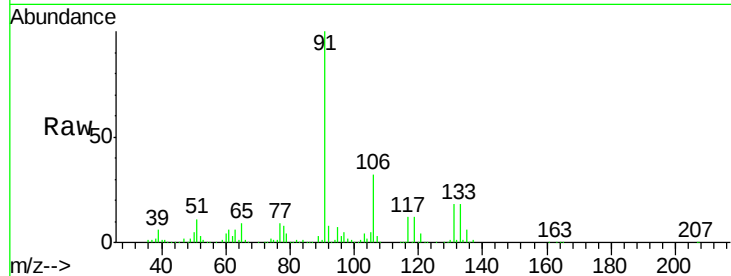




#67
Ethyl Benzene
Concen: 54.136 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

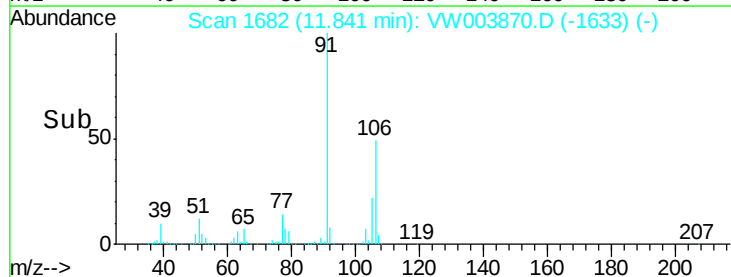
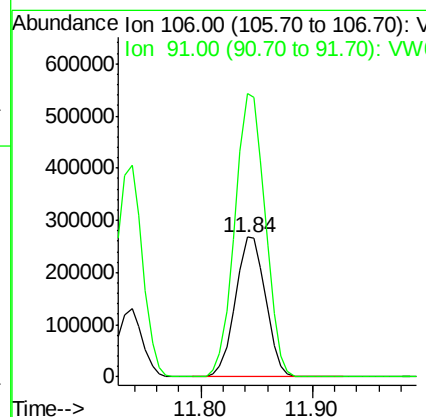
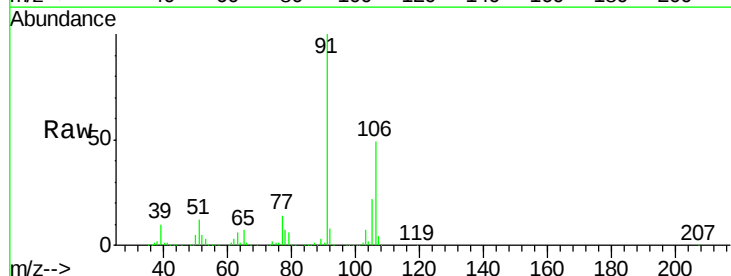
Instrument :
MSVOA_W
ClientSampled :

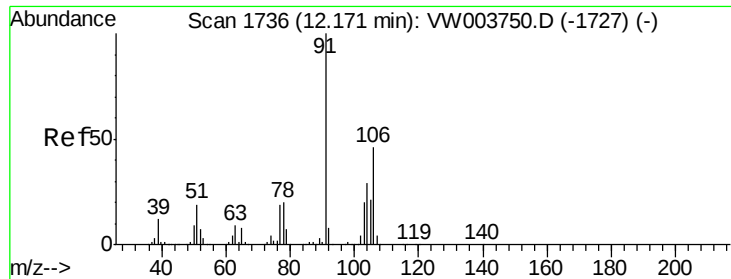
Tot Ion: 91 Resp: 660753
Ion Ratio Lower Upper
91 100
106 32.1 24.6 37.0



#68
m/p-Xylenes
Concen: 107.649 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 106 Resp: 503137
Ion Ratio Lower Upper
106 100
91 203.7 164.3 246.5

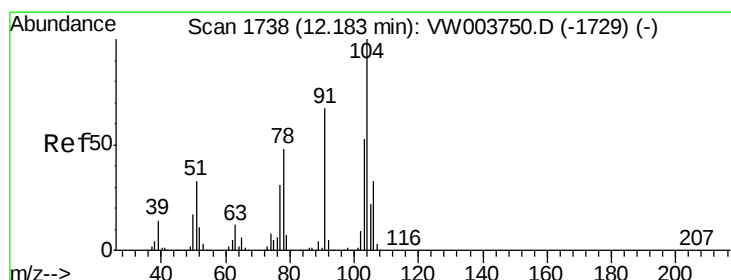
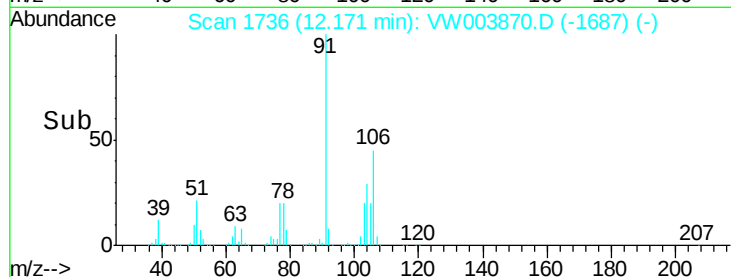
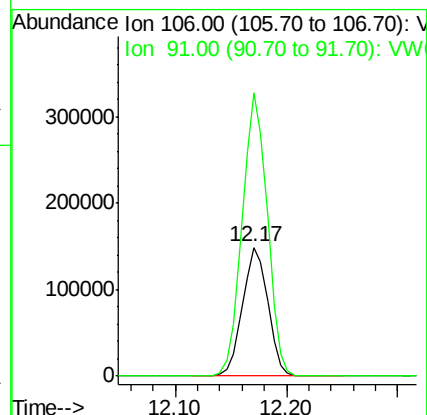
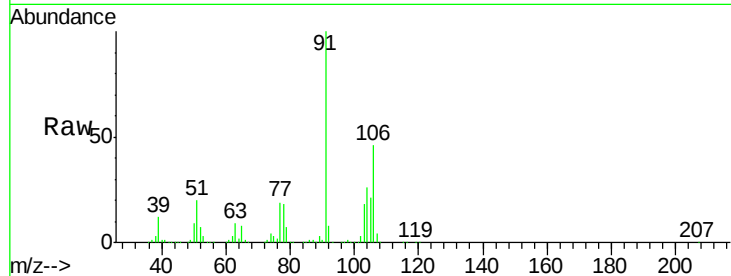




#69
o-Xylene
Concen: 54.472 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

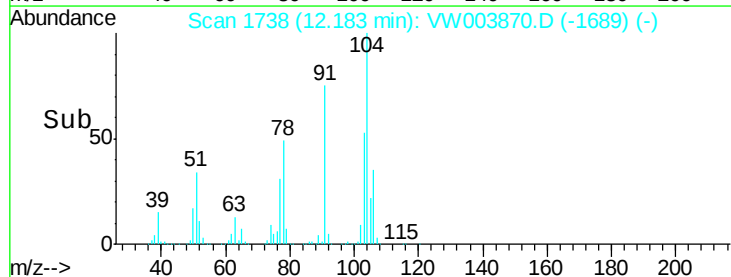
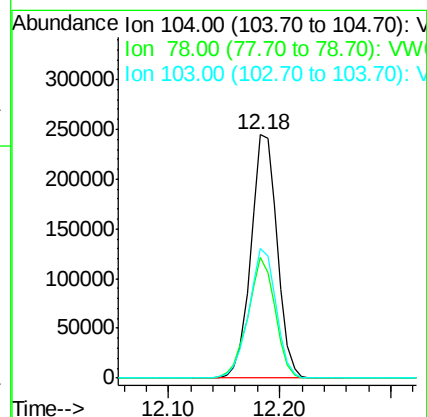
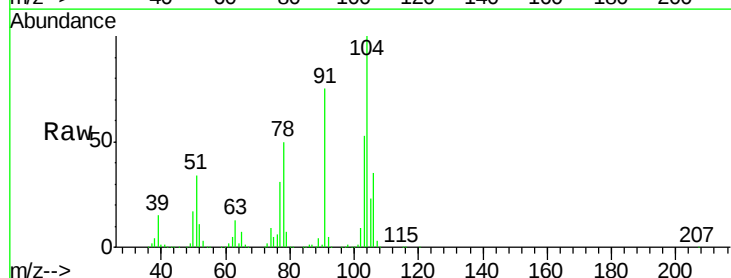
Instrument :
MSVOA_W
ClientSampled :

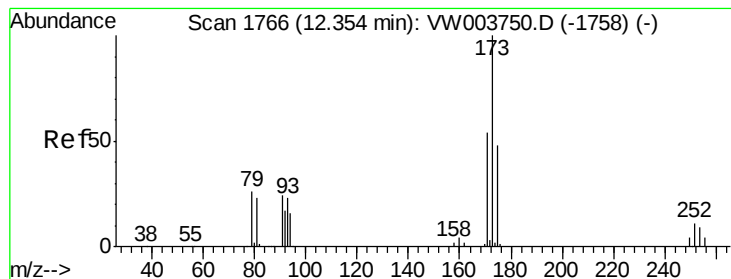
Tot Ion:106 Resp: 234923
Ion Ratio Lower Upper
106 100
91 217.8 109.1 327.2



#70
Styrene
Concen: 54.613 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion:104 Resp: 400523
Ion Ratio Lower Upper
104 100
78 51.3 41.1 61.7
103 55.3 44.6 67.0





#71

Bromoform

Concen: 50.000 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampled :

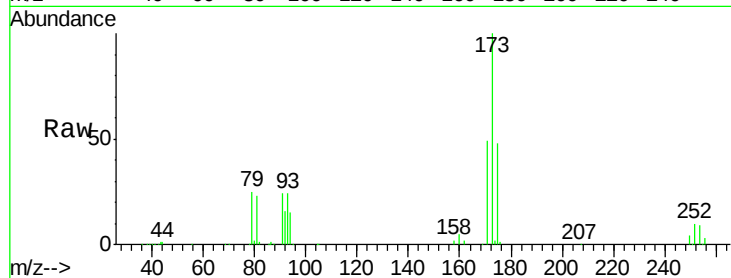
Tot Ion:173 Resp: 68829

Ion Ratio Lower Upper

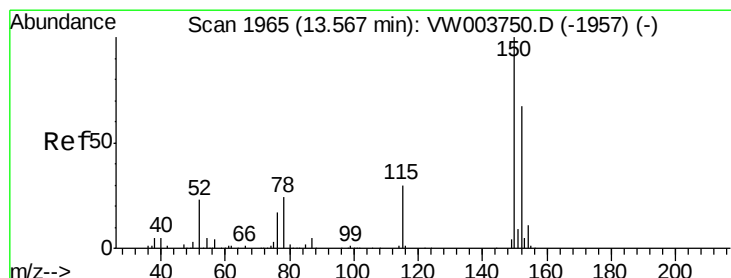
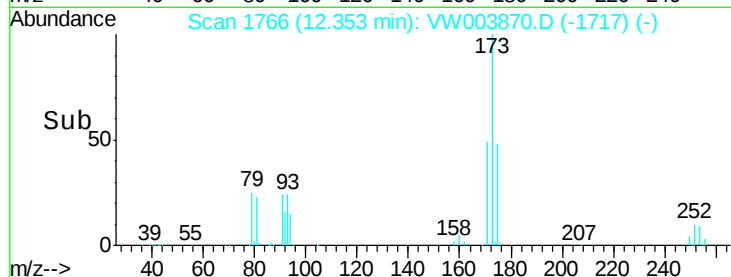
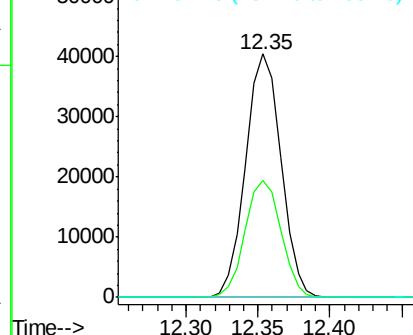
173 100

175 49.0 24.1 72.4

254 0.2 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

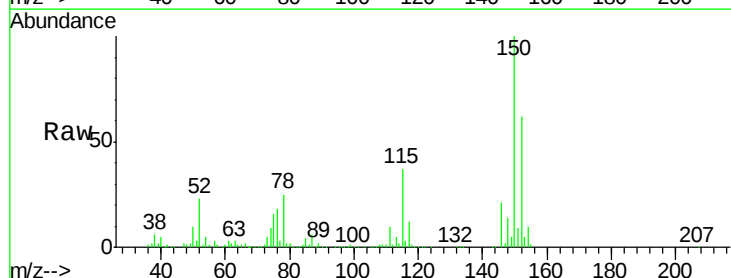
Tgt Ion:152 Resp: 169185

Ion Ratio Lower Upper

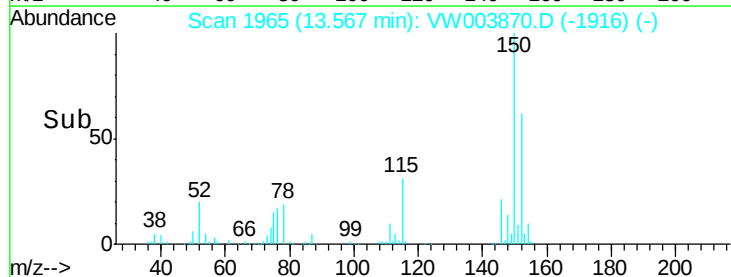
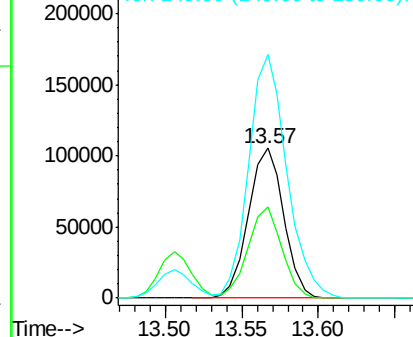
152 100

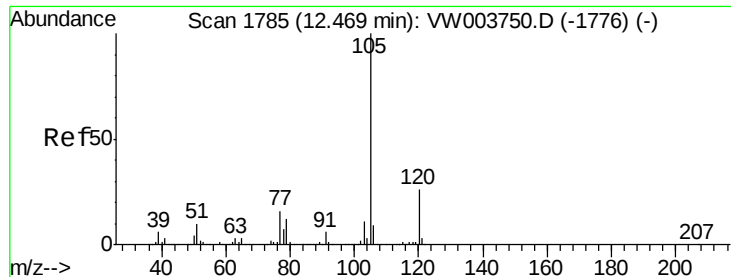
115 58.0 28.9 86.8

150 175.2 0.0 342.4



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





#73

Isopropylbenzene

Concen: 57.863 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

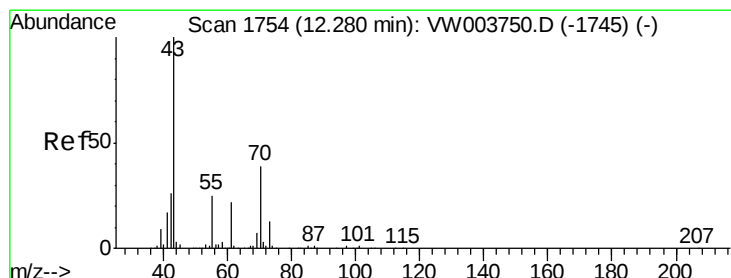
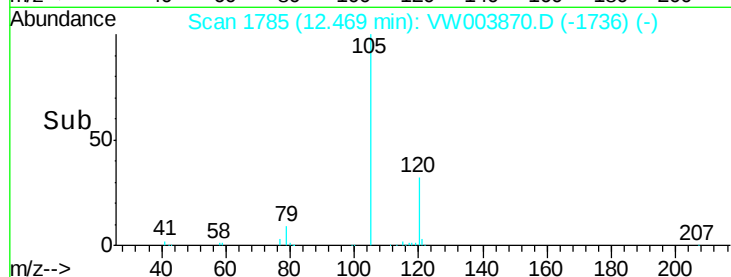
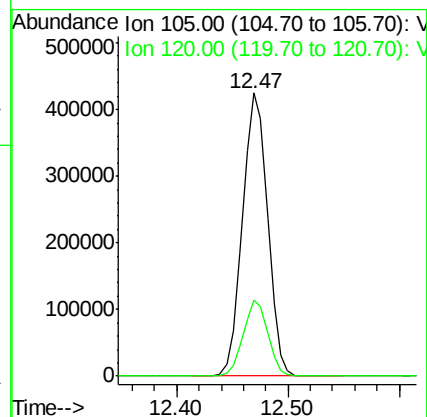
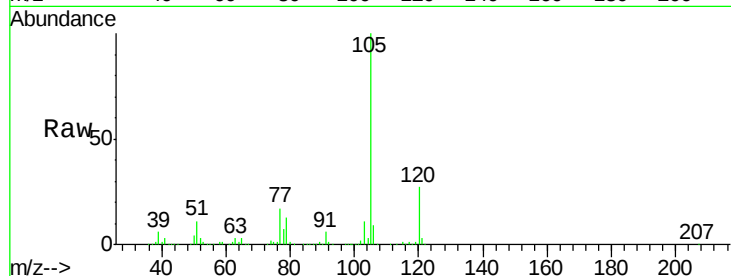
ClientSampleId :

Tot Ion:105 Resp: 662978

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 52.513 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion: 43 Resp: 163089

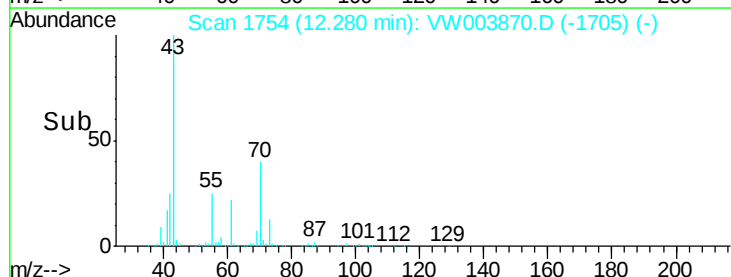
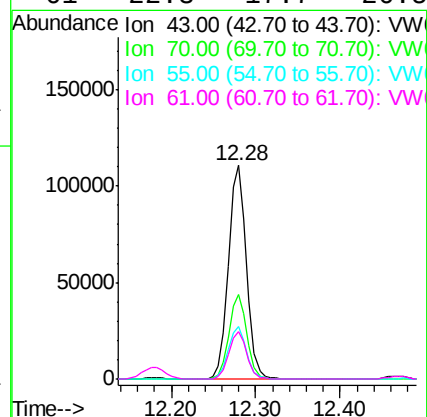
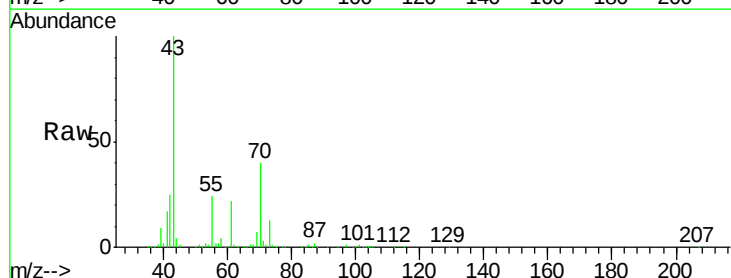
Ion Ratio Lower Upper

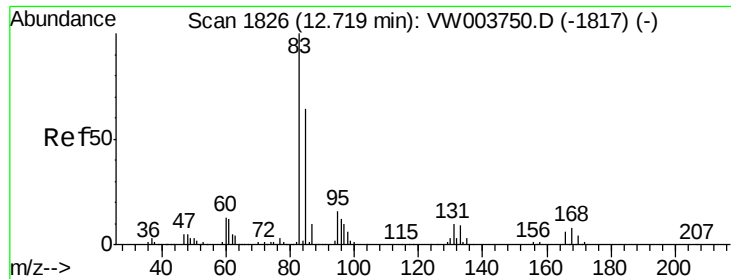
43 100

70 39.3 31.3 46.9

55 24.9 20.1 30.1

61 22.3 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.742 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampled :

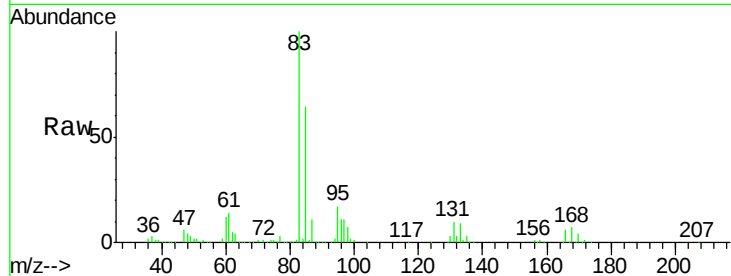
Tot Ion: 83 Resp: 117859

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

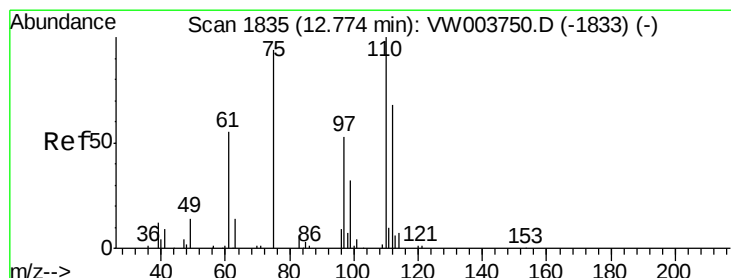
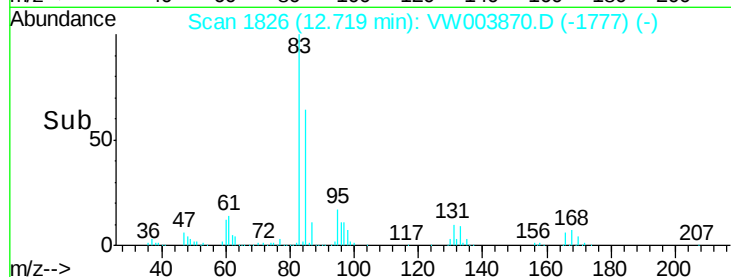
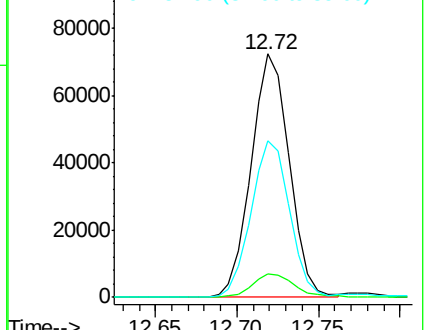
85 65.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 96.049 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003870.D

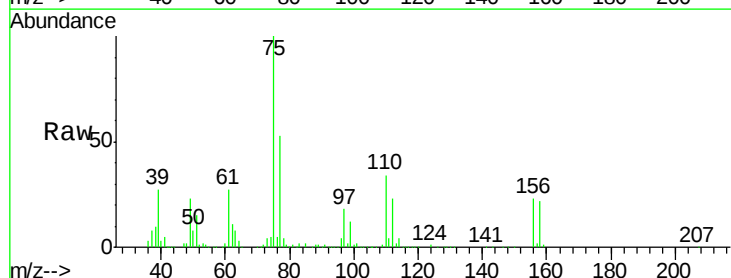
Acq: 11 Jul 2018 17:57

Tgt Ion: 75 Resp: 159573

Ion Ratio Lower Upper

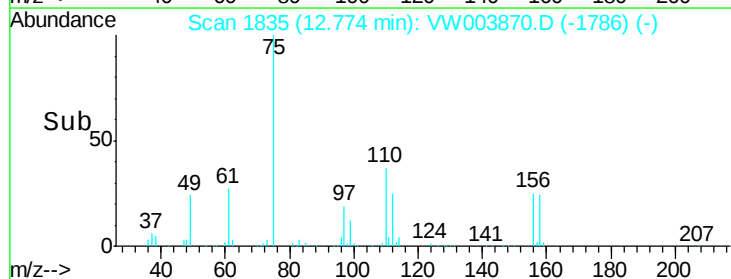
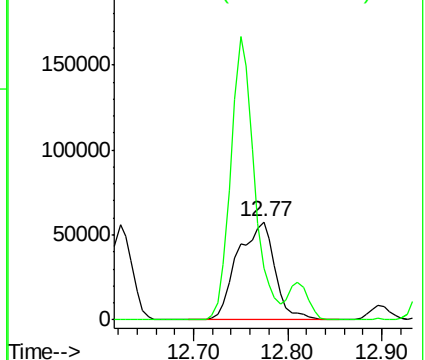
75 100

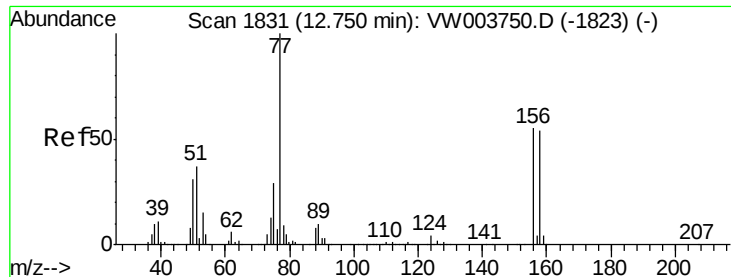
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.636 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003870.D

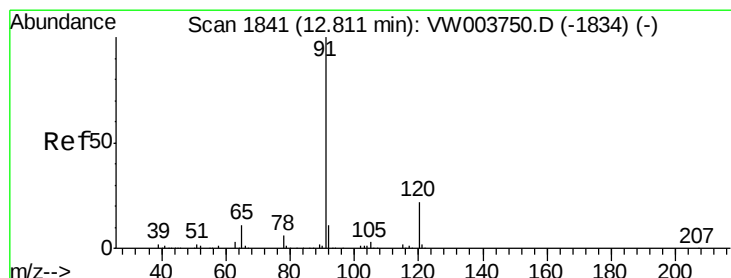
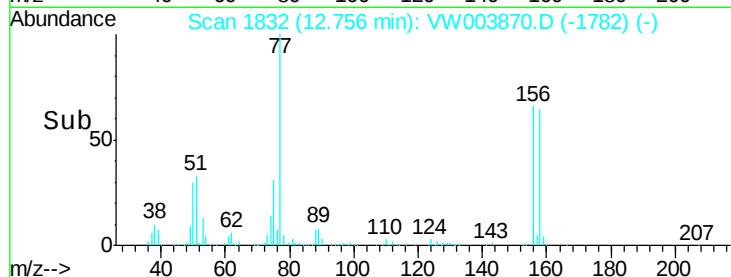
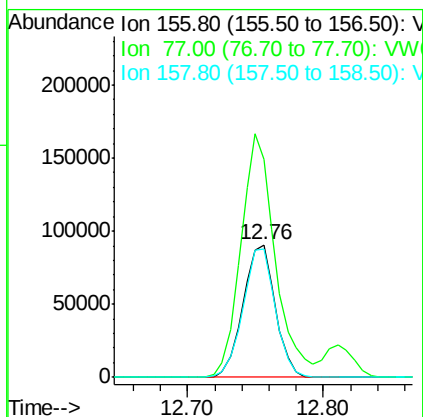
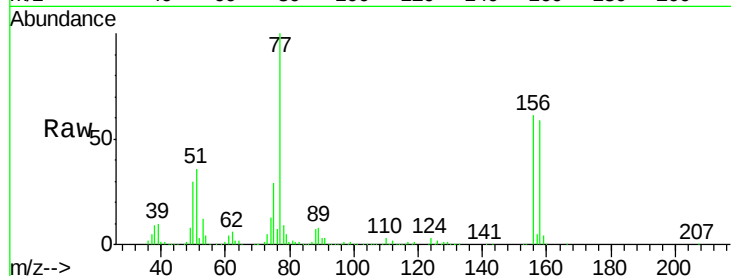
Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:156 Resp: 149721
 Ion Ratio Lower Upper
 156 100
 77 195.3 98.7 296.0
 158 97.4 49.0 147.0



#78

n-propylbenzene

Concen: 57.606 ug/l

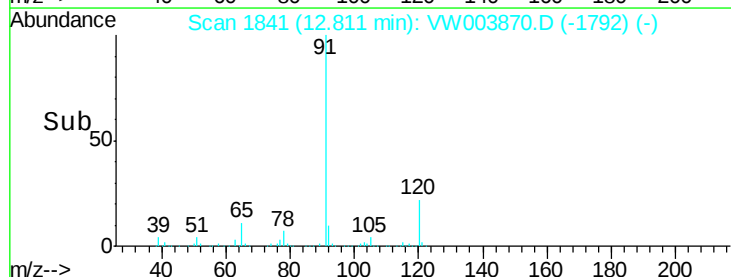
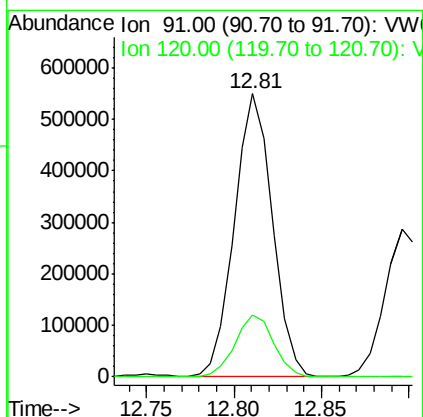
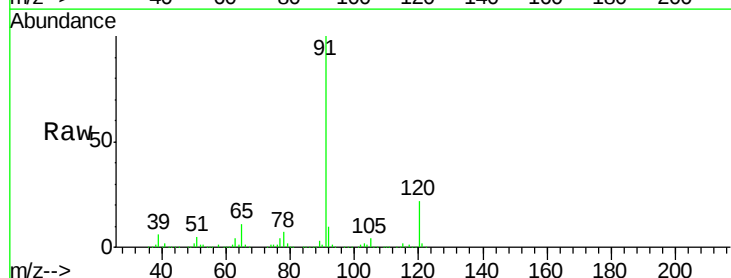
RT: 12.81 min Scan# 1841

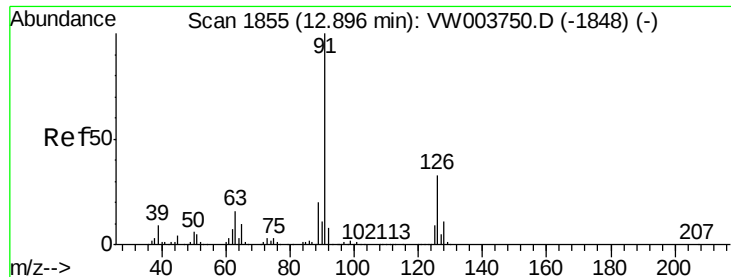
Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion: 91 Resp: 828541
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.2 33.6





#79

2-Chlorotoluene

Concen: 55.441 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

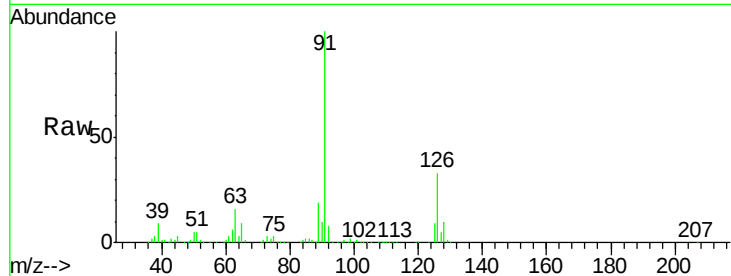
ClientSampleId :

Tot Ion: 91 Resp: 458115

Ion Ratio Lower Upper

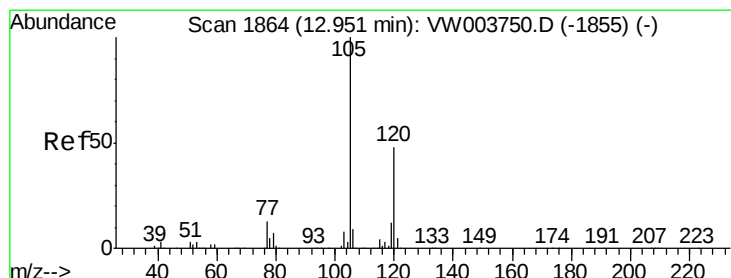
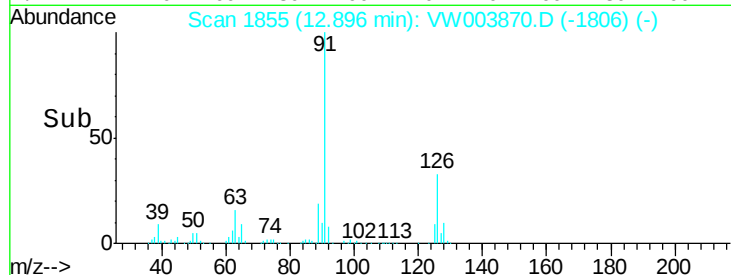
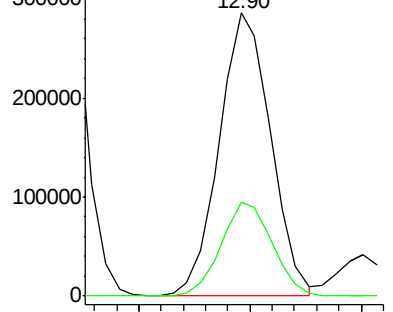
91 100

126 33.4 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 57.025 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003870.D

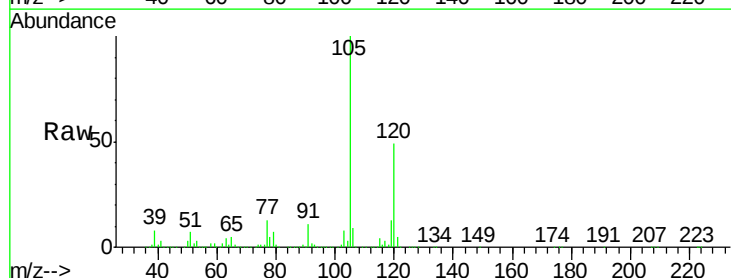
Acq: 11 Jul 2018 17:57

Tgt Ion:105 Resp: 563127

Ion Ratio Lower Upper

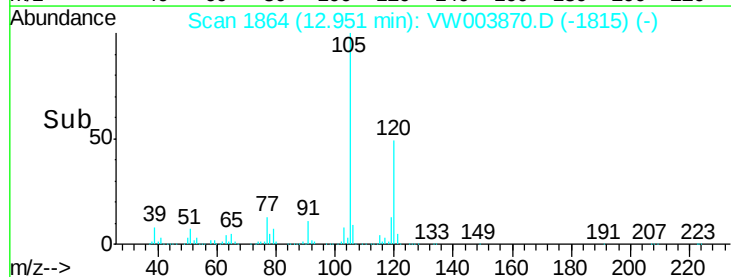
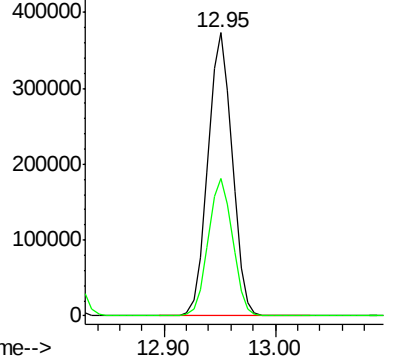
105 100

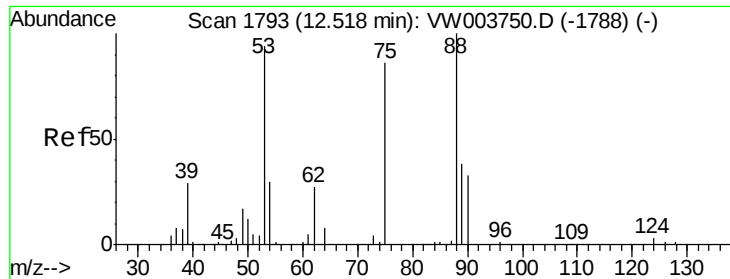
120 48.8 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 56.830 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

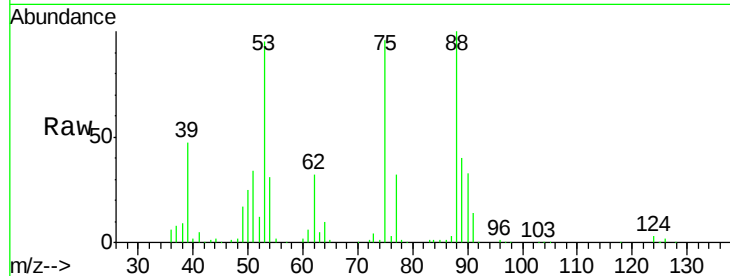
Tot Ion: 75 Resp: 38596

Ion Ratio Lower Upper

75 100

53 100.7 85.0 127.6

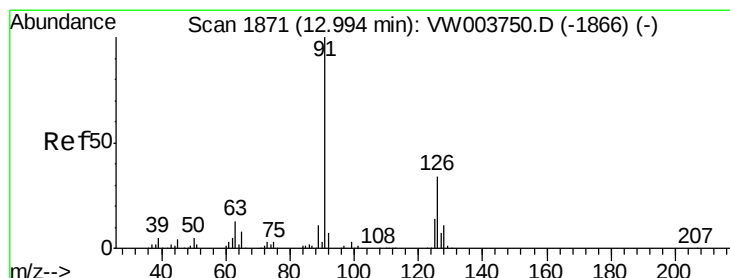
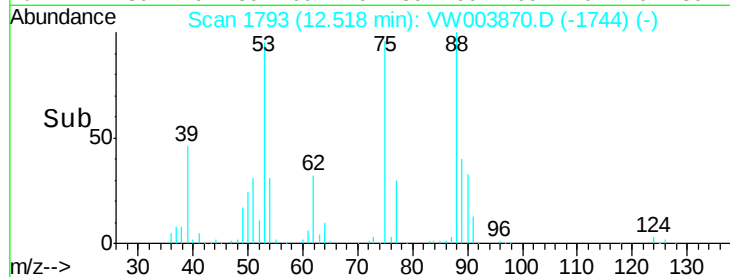
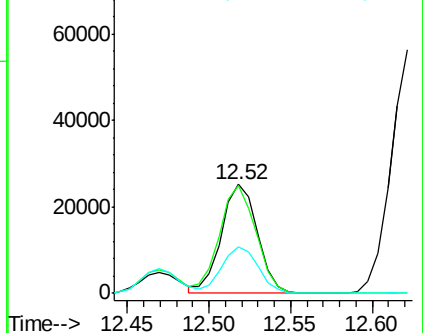
89 43.6 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 54.719 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003870.D

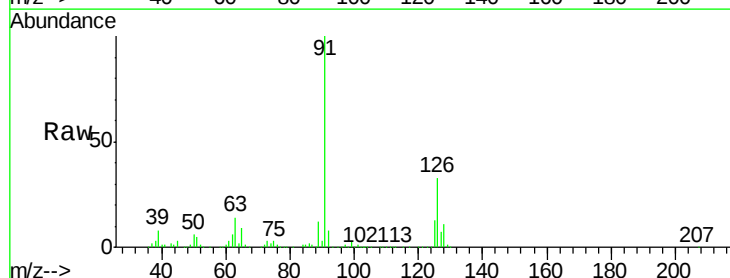
Acq: 11 Jul 2018 17:57

Tgt Ion: 91 Resp: 486206

Ion Ratio Lower Upper

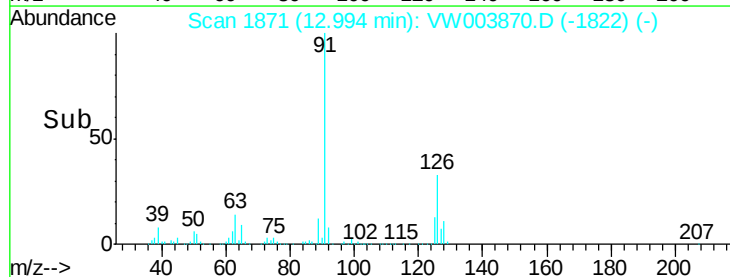
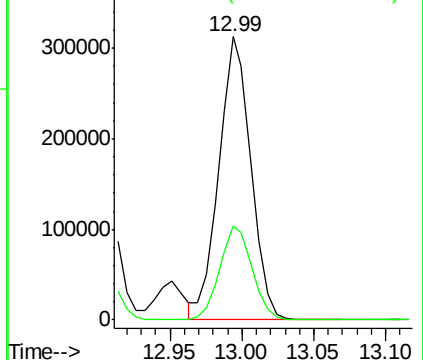
91 100

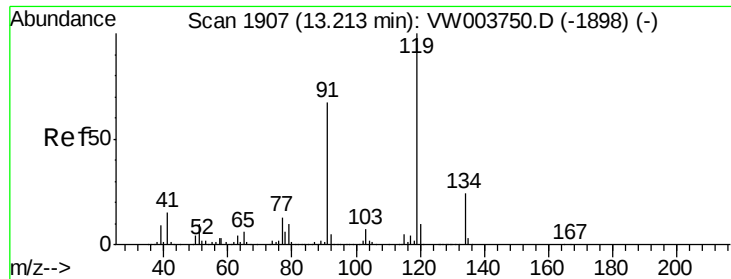
126 33.5 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

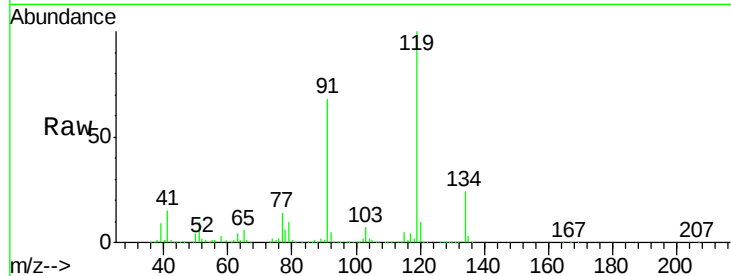




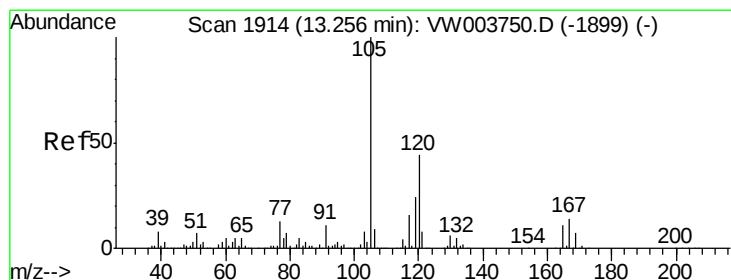
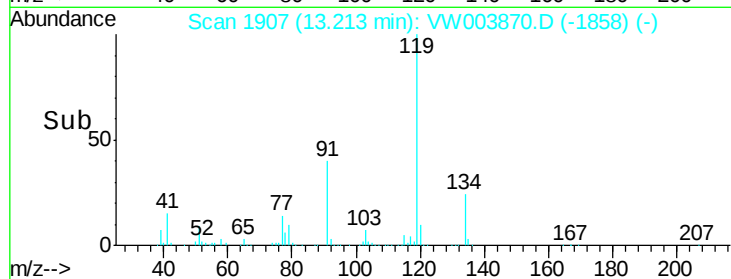
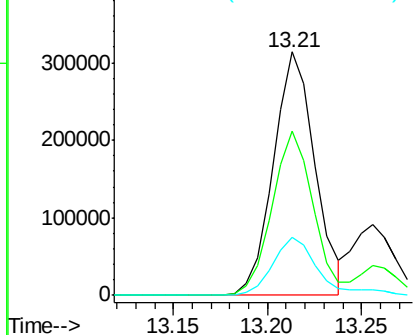
#83
tert-Butylbenzene
Concen: 58.790 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 478792
Ion Ratio Lower Upper
119 100
91 67.6 33.0 98.9
134 26.2 12.8 38.4

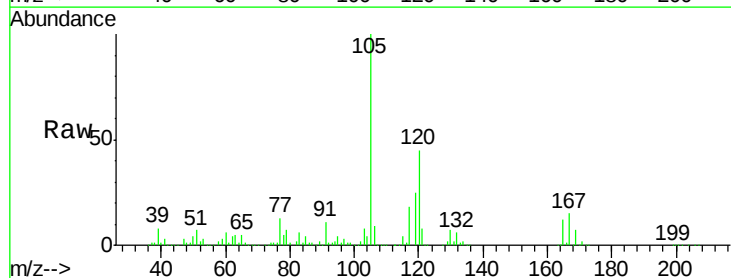


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

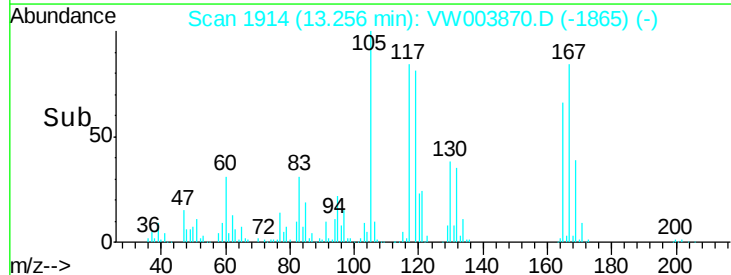
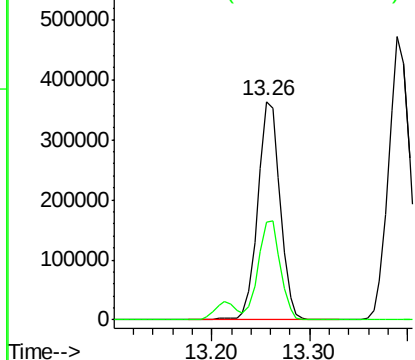


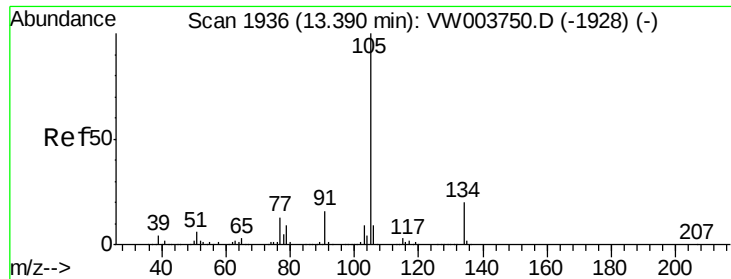
#84
1,2,4-Trimethylbenzene
Concen: 55.927 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion:105 Resp: 573745
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

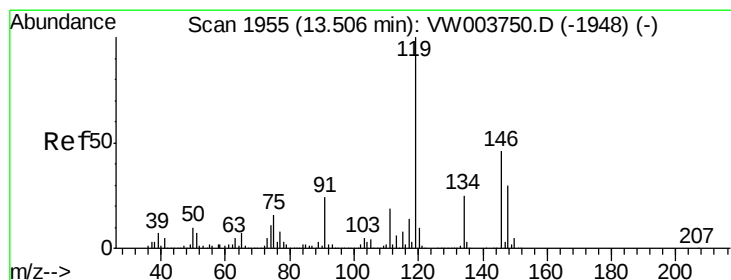
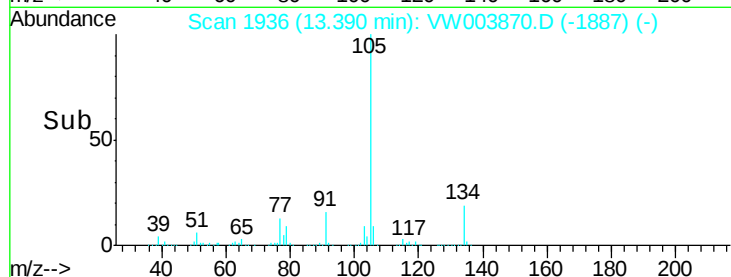
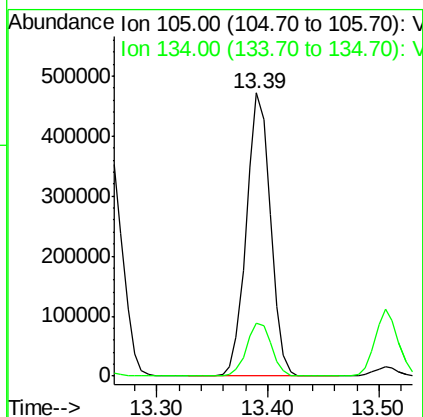
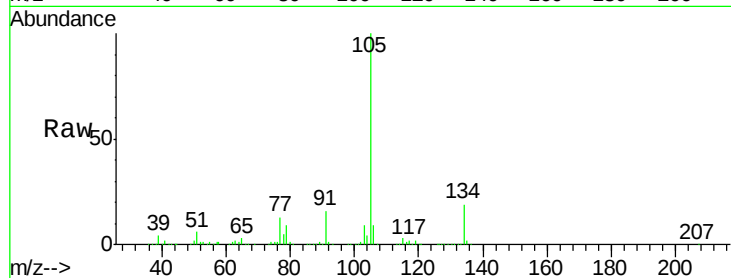




#85
 sec-Butylbenzene
 Concen: 58.184 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

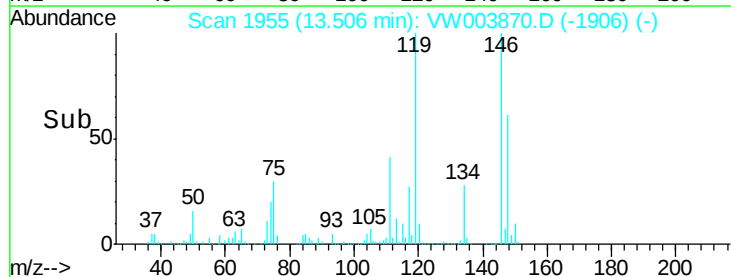
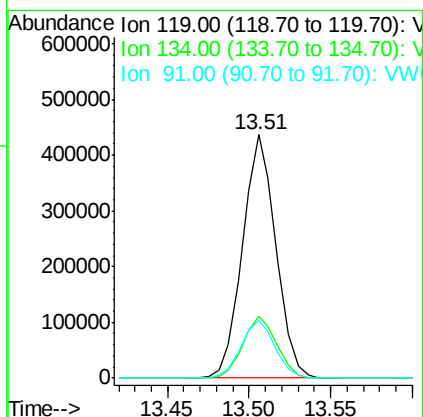
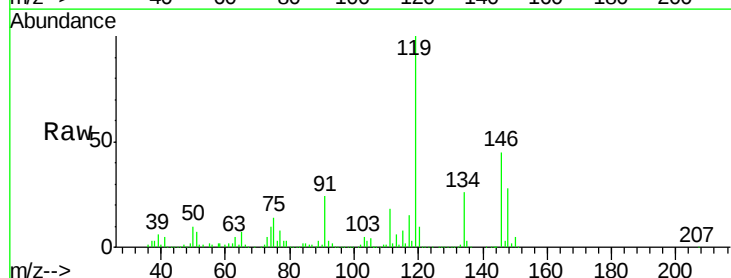
Instrument :
 MSVOA_W
 ClientSampled :

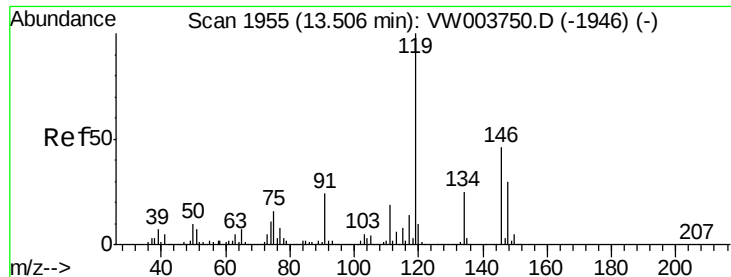
Tot Ion:105 Resp: 708868
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 58.195 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion:119 Resp: 619525
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 24.0 11.9 35.9

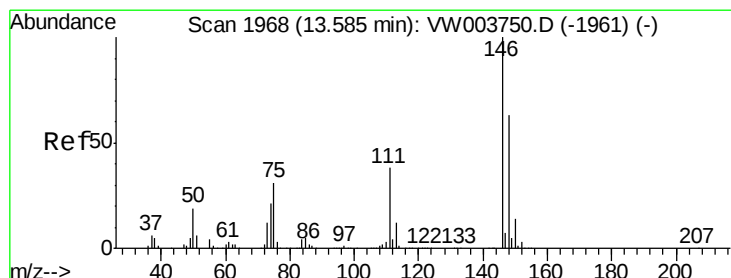
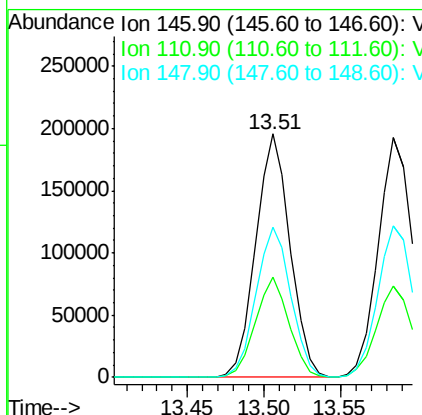
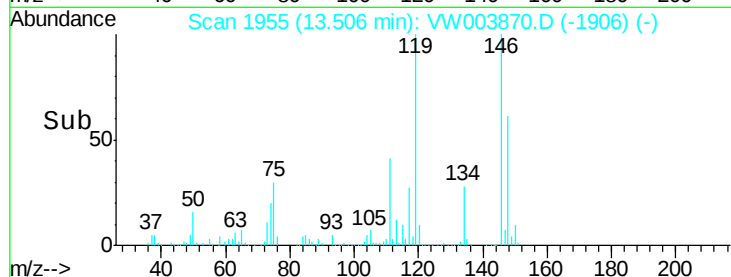
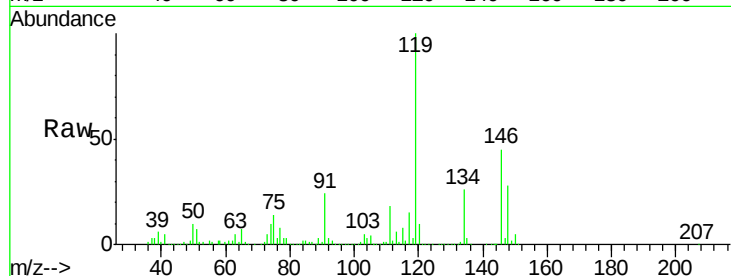




#87
 1,3-Dichlorobenzene
 Concen: 52.975 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

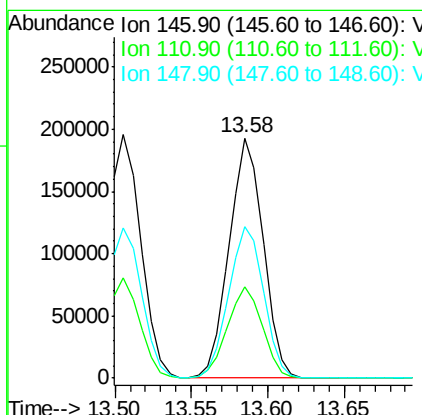
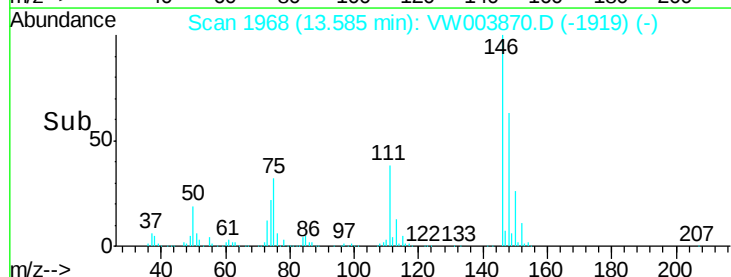
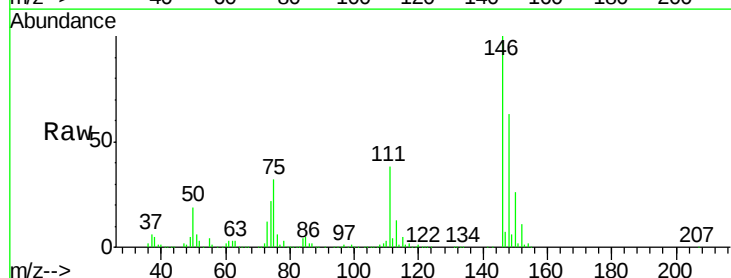
Instrument :
 MSVOA_W
 ClientSampled :

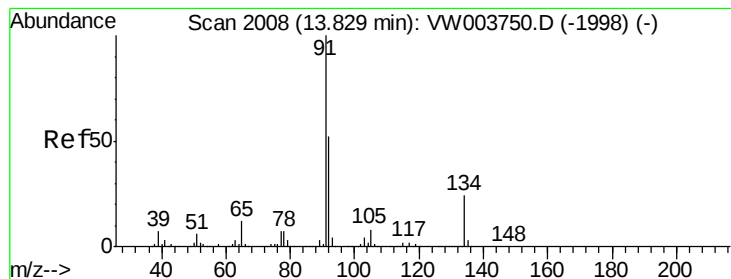
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.5
148	62.6	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.590 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.4
148	64.6	31.9	95.7





#89

n-Butylbenzene

Concen: 58.090 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampled :

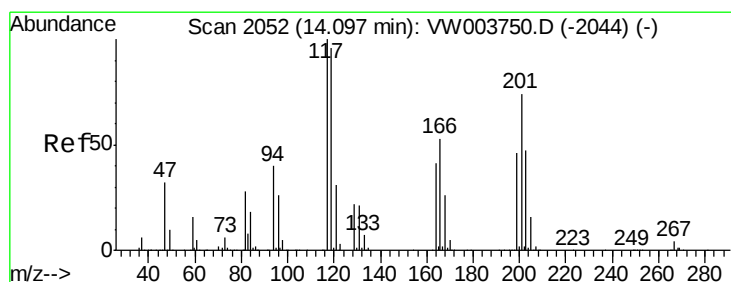
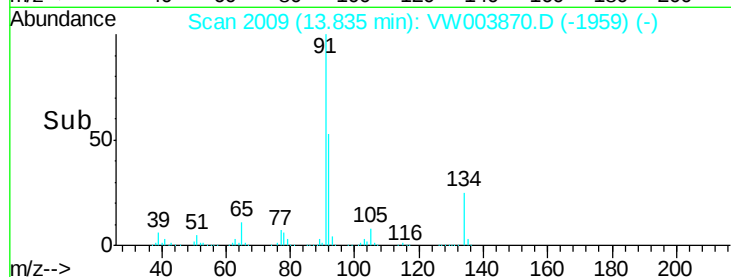
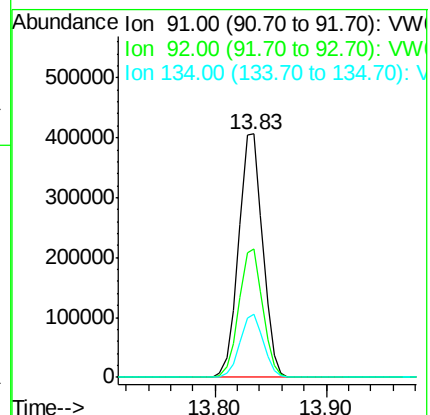
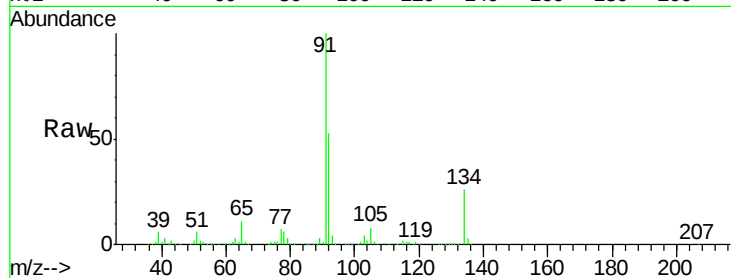
Tot Ion: 91 Resp: 608311

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.3

134 25.4 12.4 37.4



#90

Hexachloroethane

Concen: 53.467 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW003870.D

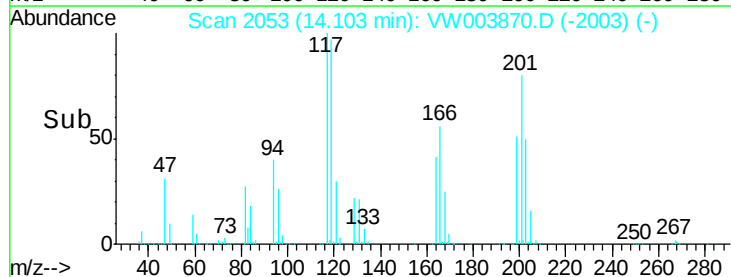
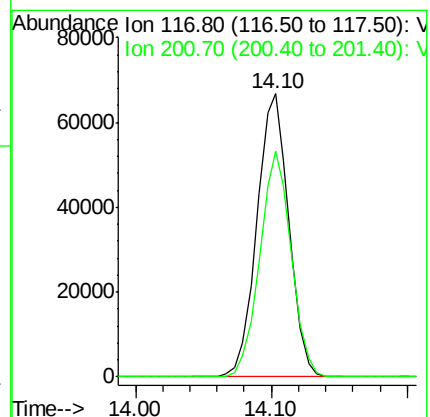
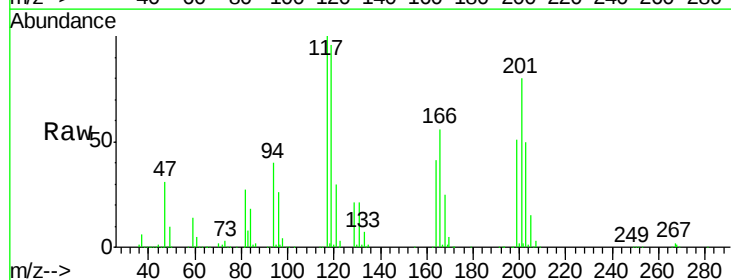
Acq: 11 Jul 2018 17:57

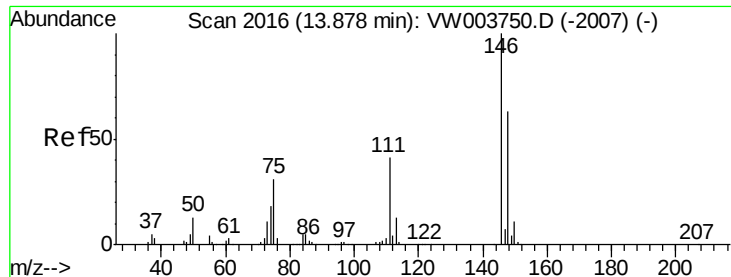
Tgt Ion: 117 Resp: 109643

Ion Ratio Lower Upper

117 100

201 78.3 39.2 117.6

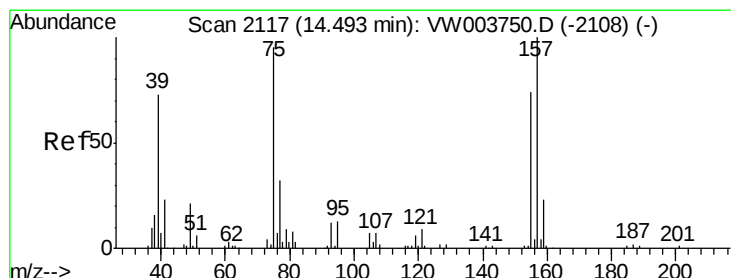
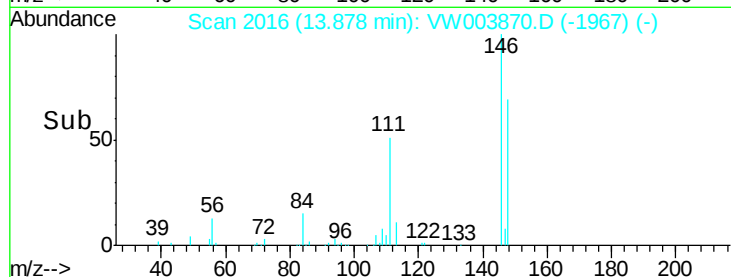
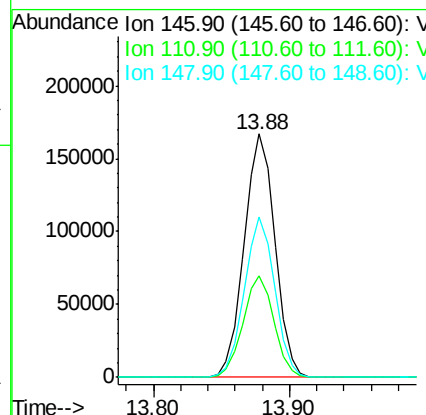
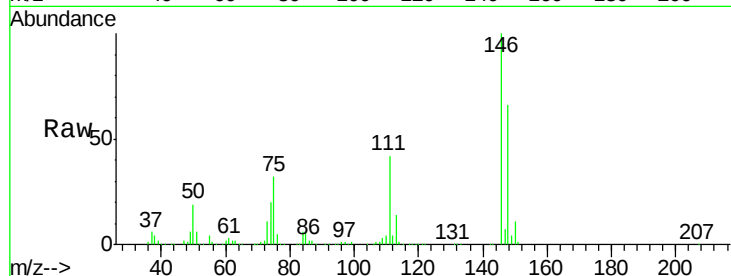




#91
 1,2-Dichlorobenzene
 Concen: 51.175 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

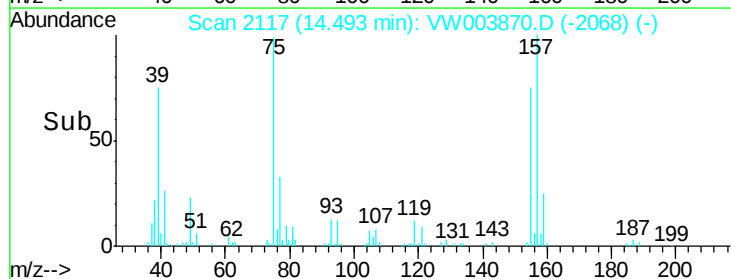
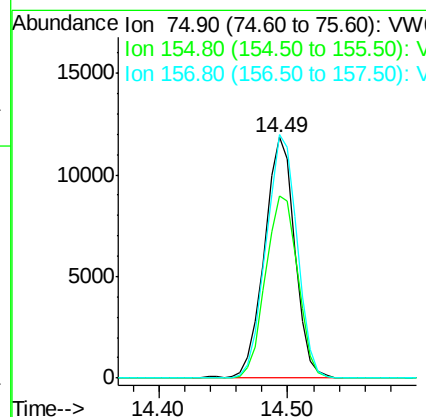
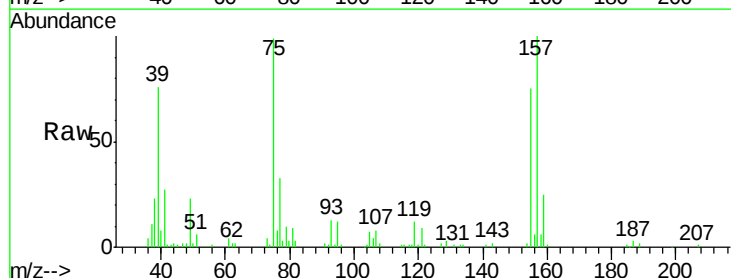
Instrument :
 MSVOA_W
 ClientSampled :

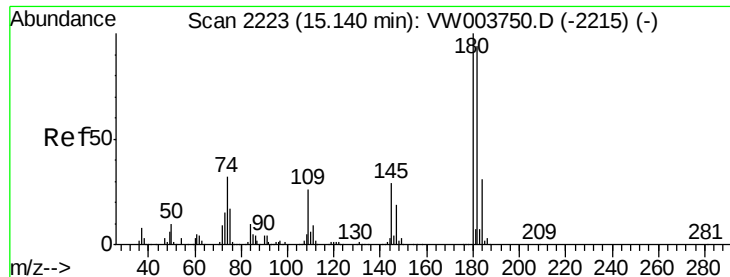
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	65.0	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.102 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.2	117.6
157	103.5	50.7	152.1

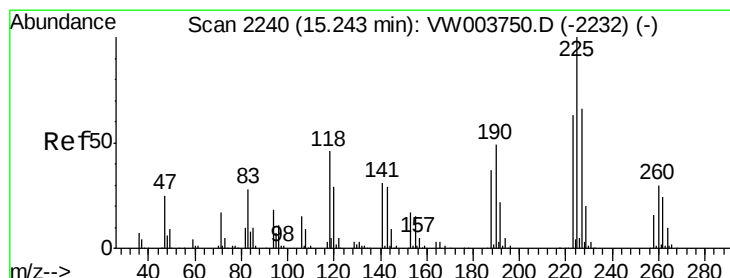
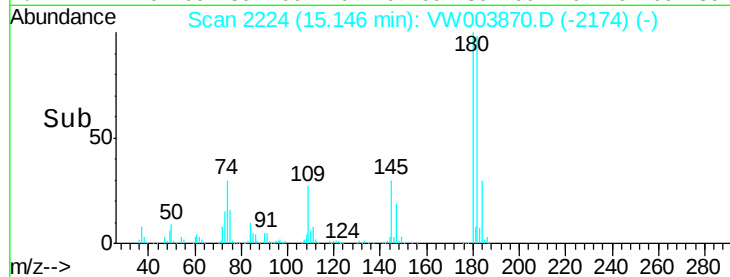
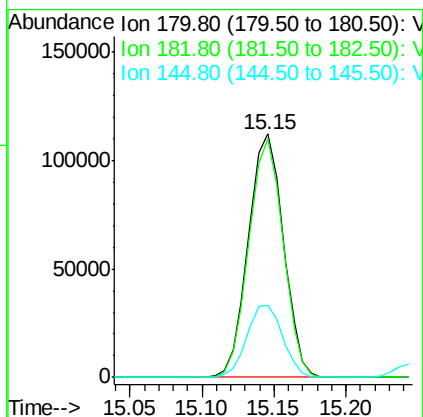
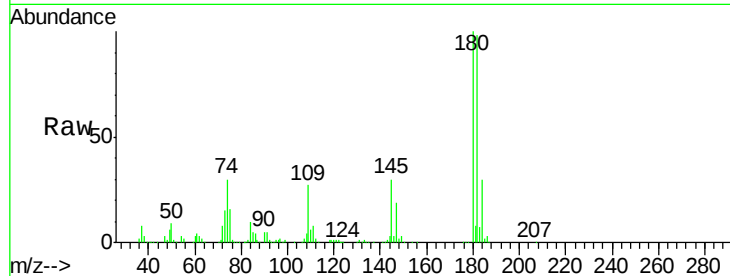




#93
 1,2,4-Trichlorobenzene
 Concen: 53.833 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

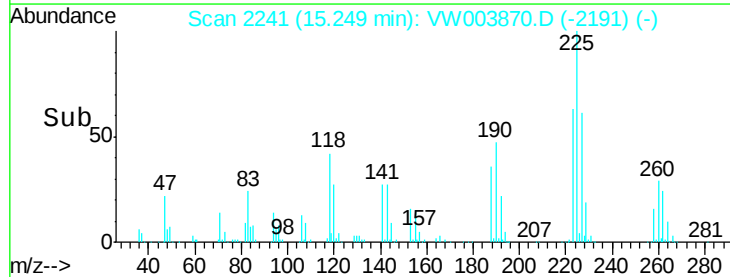
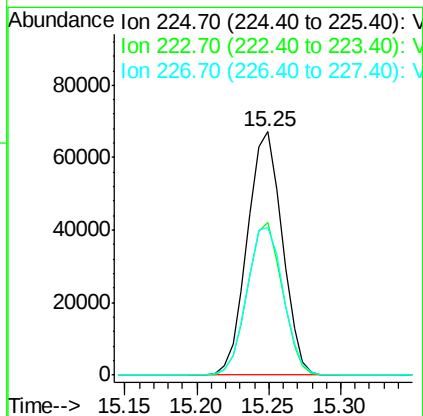
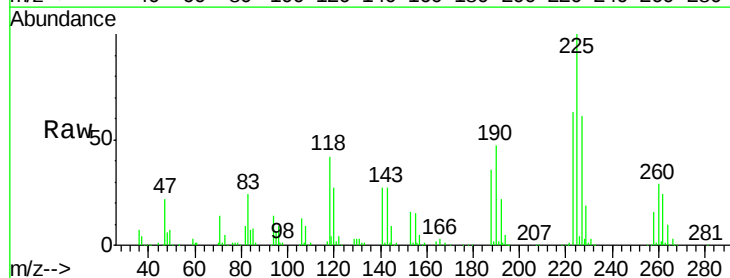
Instrument :
 MSVOA_W
 ClientSampleId :

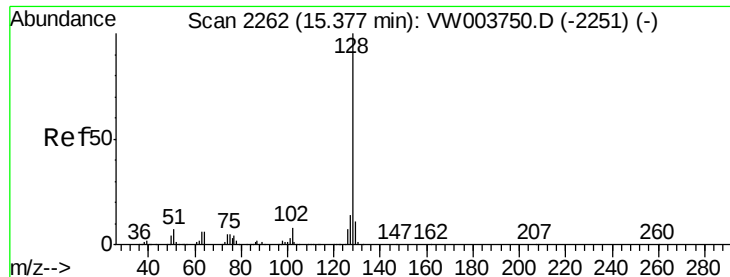
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.2
145	30.2	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 56.126 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.6	97.7
227	62.9	32.5	97.5





#95

Naphthalene

Concen: 55.363 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampled :

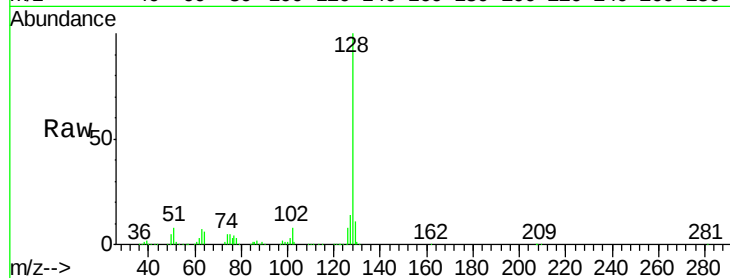
Tot Ion:128 Resp: 347405

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

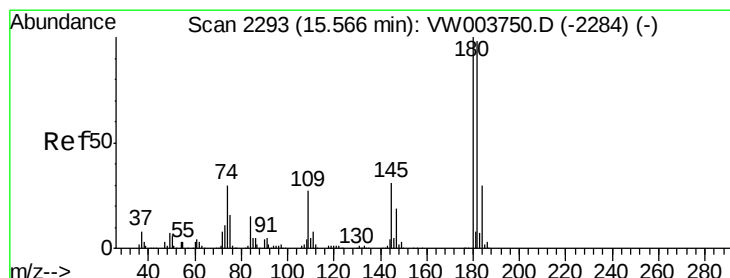
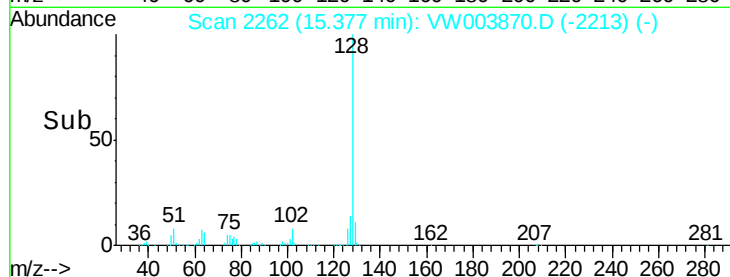
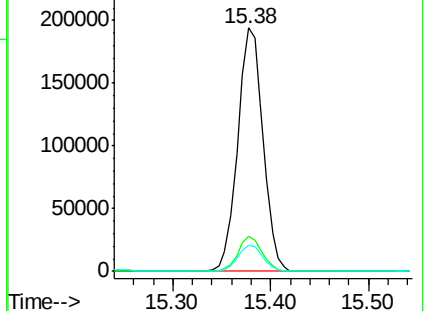
129 10.7 8.6 13.0



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: 52.975 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

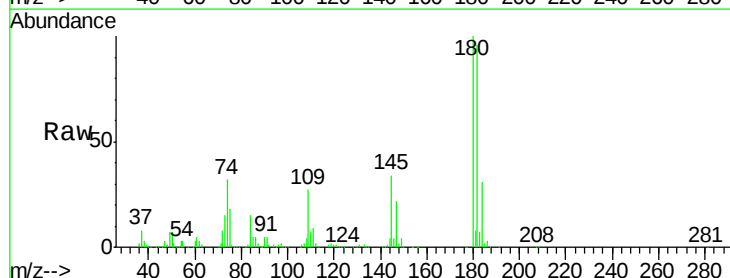
Tgt Ion:180 Resp: 166540

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 32.7 15.8 47.4



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

