

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003923.D
 Acq On : 13 Jul 2018 18:54
 Operator : VA/AP
 Sample : VW0713SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 23:53:38 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	216045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164601	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	136848	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	120790	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
50) Toluene-d8	10.33	98	478195	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.62	95	172135	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	20447	19.460	ug/l	99
3) Chloromethane	2.21	50	40436	20.271	ug/l	92
4) Vinyl Chloride	2.36	62	56399	21.437	ug/l	99
5) Bromomethane	2.78	94	34869	18.775	ug/l	93
6) Chloroethane	2.92	64	35132	22.266	ug/l	99
7) Trichlorofluoromethane	3.25	101	29210	27.483	ug/l	98
8) Diethyl Ether	3.67	74	23774	21.826	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51262	24.801	ug/l	99
10) Methyl Iodide	4.26	142	71779	23.330	ug/l	99
11) Tert butyl alcohol	5.24	59	15513	101.319	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	50340	24.804	ug/l	95
13) Acrolein	3.89	56	16618	72.463	ug/l	100
14) Allyl chloride	4.66	41	86595	24.542	ug/l	97
15) Acrylonitrile	5.37	53	56943	104.394	ug/l	99
16) Acetone	4.14	43	57542	117.391	ug/l	95
17) Carbon Disulfide	4.37	76	157764	23.711	ug/l	99
18) Methyl Acetate	4.68	43	28188	20.397	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	89133	21.254	ug/l	99
20) Methylene Chloride	4.91	84	71602	28.049	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53885	22.427	ug/l	97
22) Diisopropyl ether	6.31	45	171872	22.156	ug/l	98
23) Vinyl Acetate	6.26	43	494776	104.485	ug/l	100
24) 1,1-Dichloroethane	6.21	63	102418	21.830	ug/l	100
25) 2-Butanone	7.18	43	78879	102.741	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63876	25.101	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57153	21.511	ug/l	97
28) Bromochloromethane	7.51	49	42603	20.384	ug/l	99
29) Tetrahydrofuran	7.54	42	48071	97.401	ug/l	98
30) Chloroform	7.68	83	103443	21.614	ug/l	97
31) Cyclohexane	7.95	56	94861	23.009	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	82131	22.548	ug/l	100
36) 1,1-Dichloropropene	8.08	75	84113	23.446	ug/l	100
37) Ethyl Acetate	7.26	43	33995	19.474	ug/l	98
38) Carbon Tetrachloride	8.07	117	78380	22.978	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003923.D
 Acq On : 13 Jul 2018 18:54
 Operator : VA/AP
 Sample : VW0713SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 23:53:38 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)
39) Methylcyclohexane	9.34	83	94676	24.095	ug/l	98
40) Benzene	8.32	78	230460	22.470	ug/l	100
41) Methacrylonitrile	7.49	41	21041	20.954	ug/l	92
42) 1,2-Dichloroethane	8.40	62	70144	21.132	ug/l	99
43) Isopropyl Acetate	8.43	43	65782	19.883	ug/l	99
44) Trichloroethene	9.09	130	57926	22.403	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57696	21.635	ug/l	99
46) Dibromomethane	9.46	93	28752	20.504	ug/l	99
47) Bromodichloromethane	9.65	83	72246	20.943	ug/l	99
48) Methyl methacrylate	9.44	41	31408	19.934	ug/l	99
49) 1,4-Dioxane	9.48	88	8201	391.319	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	172308	100.646	ug/l	99
52) Toluene	10.39	92	146639	23.057	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	74184	21.538	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	86300	22.196	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40279	20.682	ug/l	95
56) Ethyl methacrylate	10.65	69	48361	20.349	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71624	21.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	104797	92.506	ug/l	99
59) 2-Hexanone	10.98	43	116840	99.386	ug/l	100
60) Dibromochloromethane	11.13	129	46395	20.408	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38584	20.717	ug/l	98
64) Tetrachloroethene	10.87	164	50354	22.253	ug/l	96
65) Chlorobenzene	11.66	112	152762	22.652	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	51431	21.824	ug/l	99
67) Ethyl Benzene	11.74	91	268439	23.279	ug/l	99
68) m/p-Xylenes	11.85	106	209908	47.537	ug/l	99
69) o-Xylene	12.17	106	96227	23.617	ug/l	100
70) Styrene	12.19	104	159530	23.025	ug/l	99
71) Bromoform	12.35	173	27177	20.897	ug/l #	100
73) Isopropylbenzene	12.47	105	269512	24.177	ug/l	100
74) N-amyl acetate	12.28	43	62873	20.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47976	21.230	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63241	39.126	ug/l #	100
77) Bromobenzene	12.75	156	62555	22.604	ug/l	98
78) n-propylbenzene	12.81	91	340206	24.312	ug/l	100
79) 2-Chlorotoluene	12.90	91	187114	23.275	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	229423	23.879	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14388	21.775	ug/l	99
82) 4-Chlorotoluene	12.99	91	205903	23.818	ug/l	99
83) tert-Butylbenzene	13.21	119	190940	24.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	235648	23.610	ug/l	99
85) sec-Butylbenzene	13.39	105	287636	24.267	ug/l	100
86) p-Isopropyltoluene	13.51	119	254821	24.603	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	128153	22.856	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	126764	22.483	ug/l	98
89) n-Butylbenzene	13.83	91	241987	23.752	ug/l	99
90) Hexachloroethane	14.10	117	45024	22.567	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112219	22.237	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7822	19.997	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003923.D
Acq On : 13 Jul 2018 18:54
Operator : VA/AP
Sample : VW0713SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 13 23:53:38 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

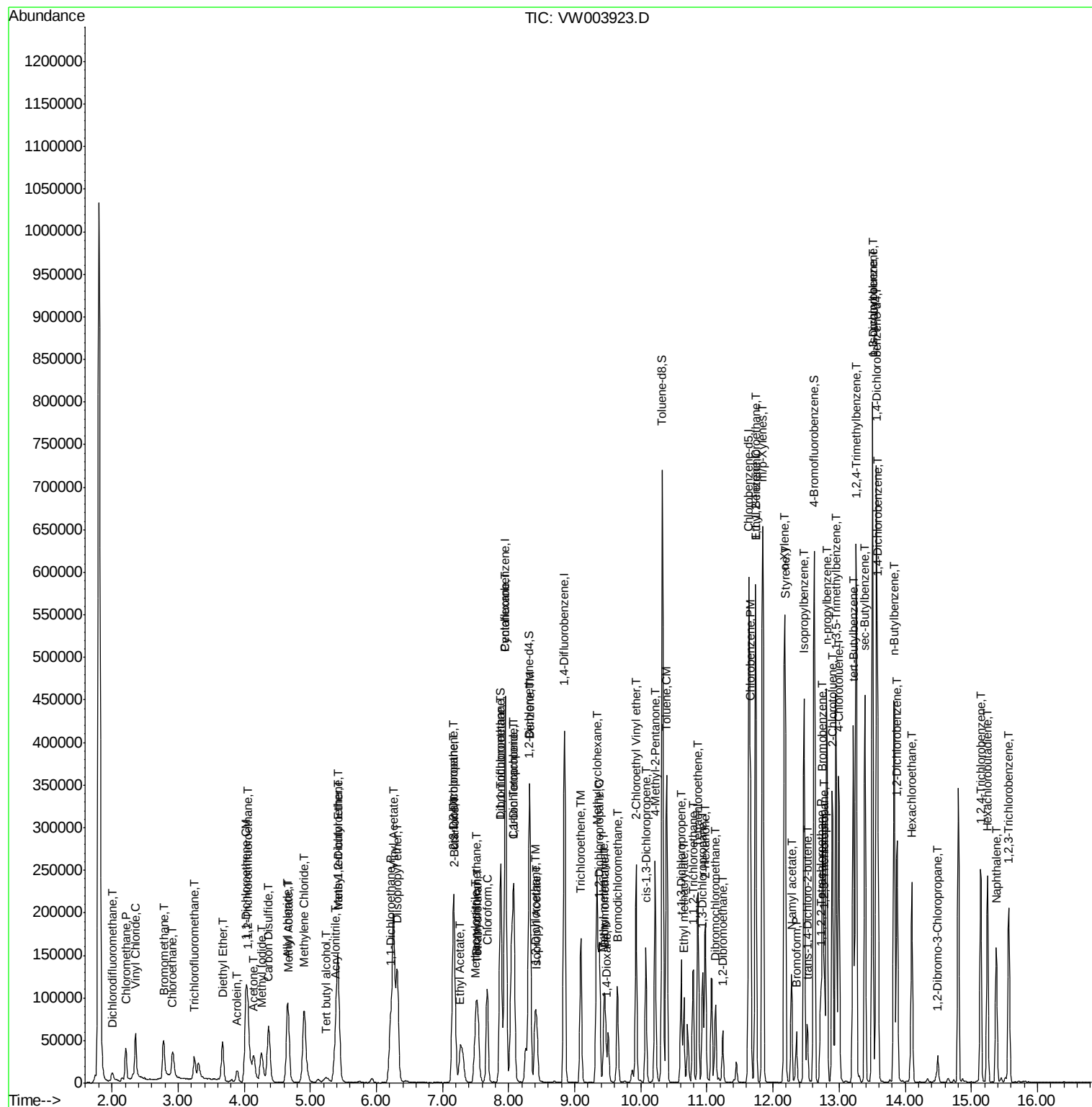
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78891	23.095	ug/l	99
94) Hexachlorobutadiene	15.24	225	45837	23.460	ug/l	99
95) Naphthalene	15.38	128	132944	21.776	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69184	22.620	ug/l	98

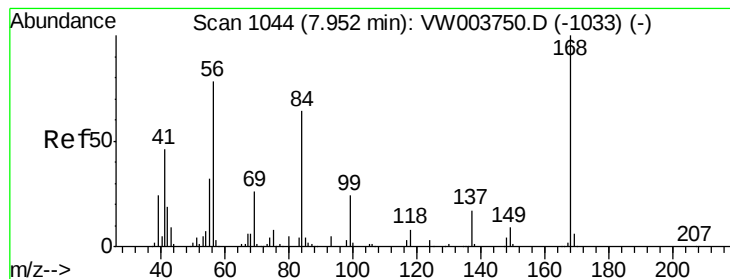
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003923.D
Acq On : 13 Jul 2018 18:54
Operator : VA/AP
Sample : VW0713SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 13 23:53:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

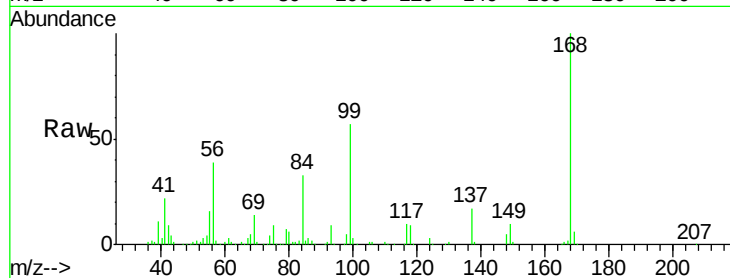
ClientSampleId :

Tot Ion:168 Resp: 216045

Ion Ratio Lower Upper

168 100

99 57.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

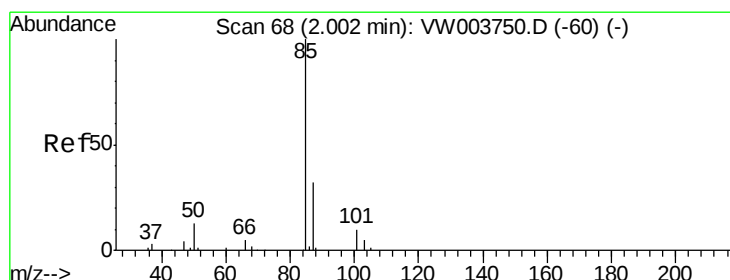
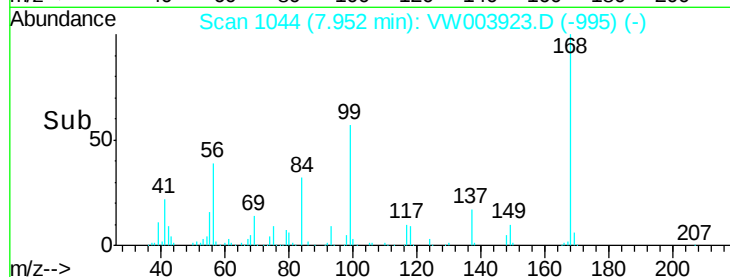
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.460 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003923.D

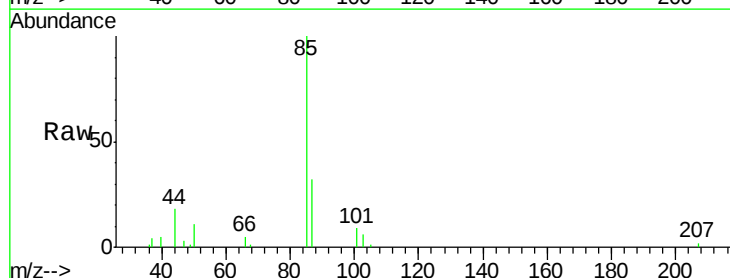
Acq: 13 Jul 2018 18:54

Tgt Ion: 85 Resp: 20447

Ion Ratio Lower Upper

85 100

87 31.7 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

6000

4000

2000

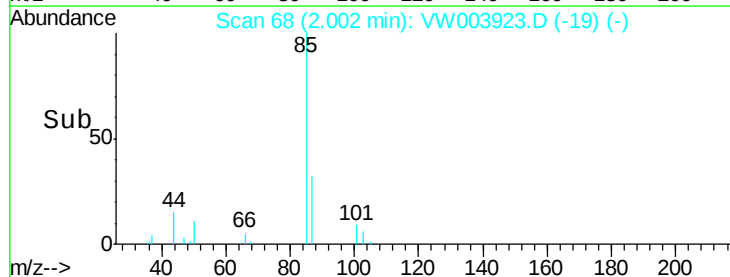
0

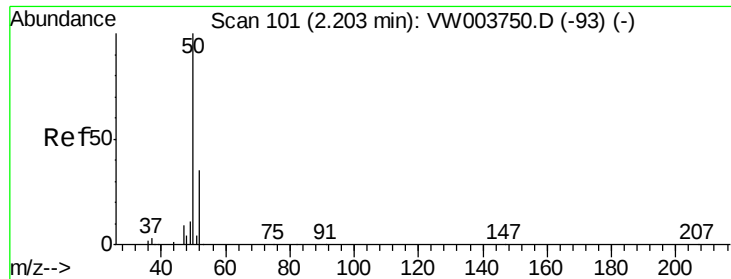
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 20.271 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

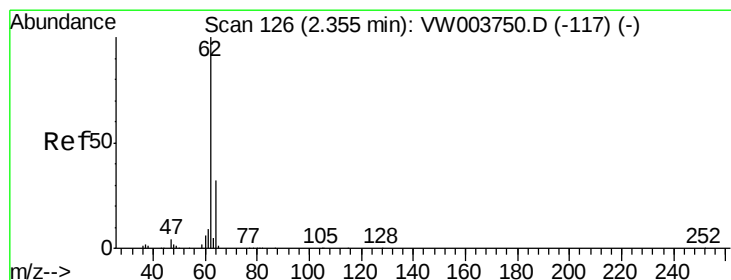
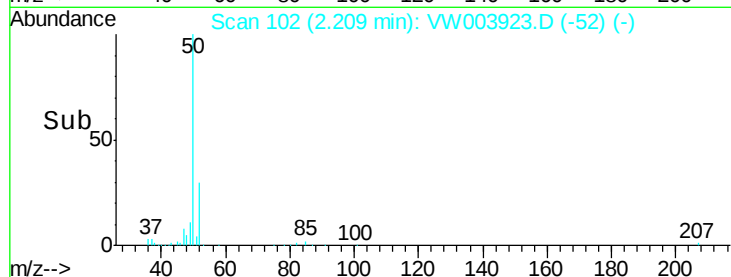
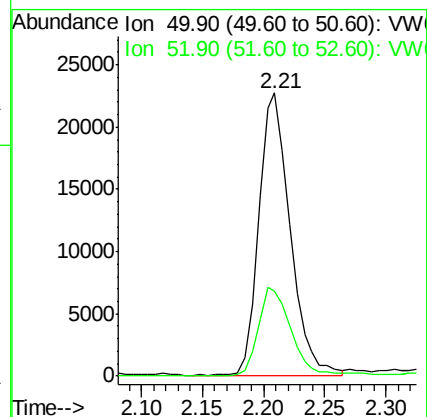
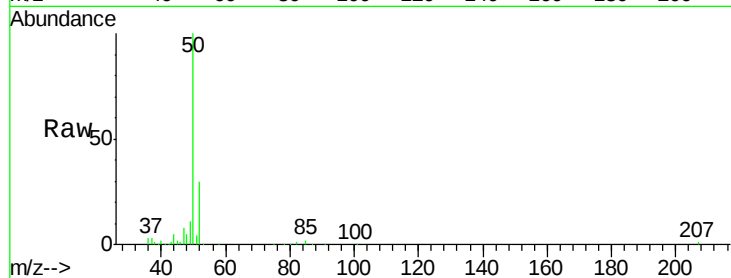
ClientSampled :

Tot Ion: 50 Resp: 40436

Ion Ratio Lower Upper

50 100

52 30.3 27.8 41.6



#4

Vinyl Chloride

Concen: 21.437 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003923.D

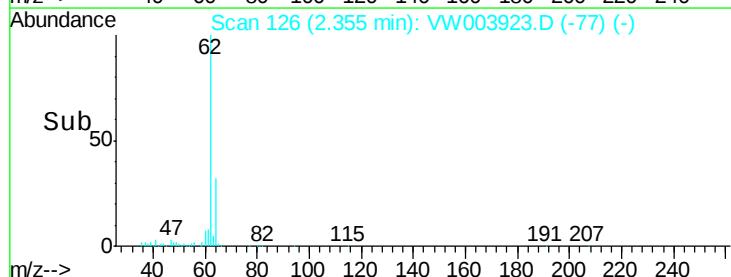
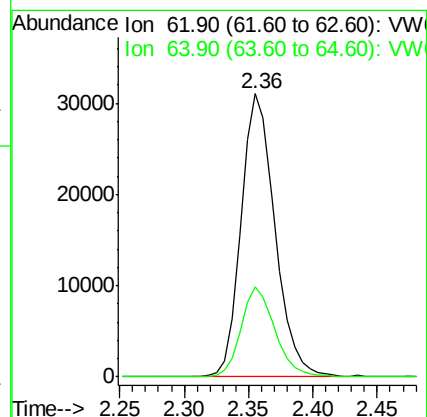
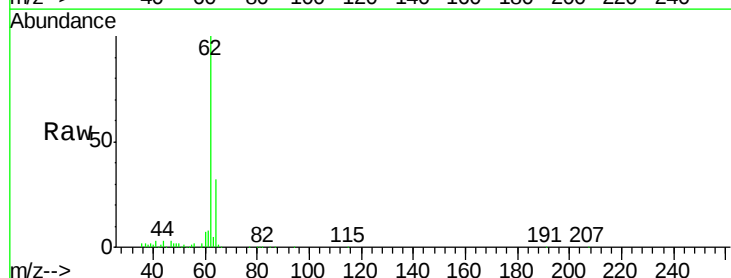
Acq: 13 Jul 2018 18:54

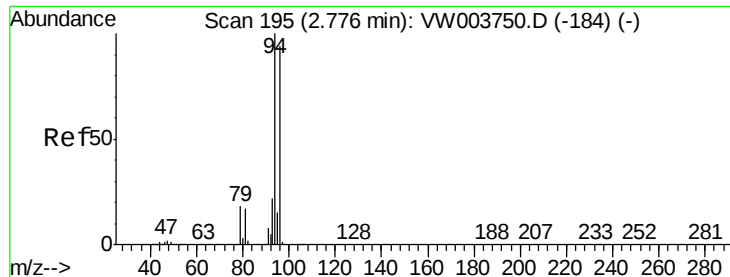
Tgt Ion: 62 Resp: 56399

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 18.775 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

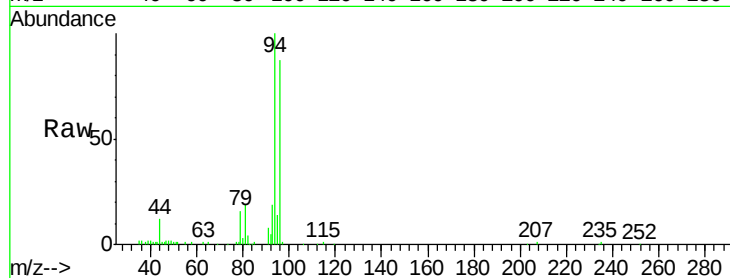
ClientSampleId :

Tot Ion: 94 Resp: 34869

Ion Ratio Lower Upper

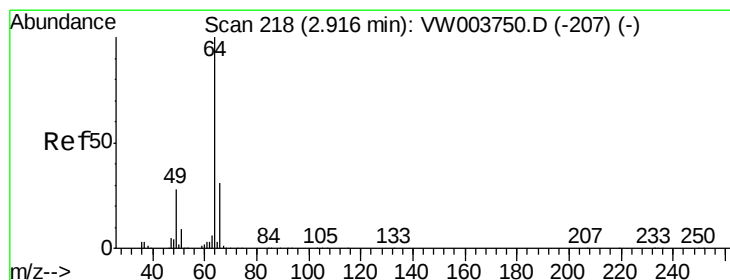
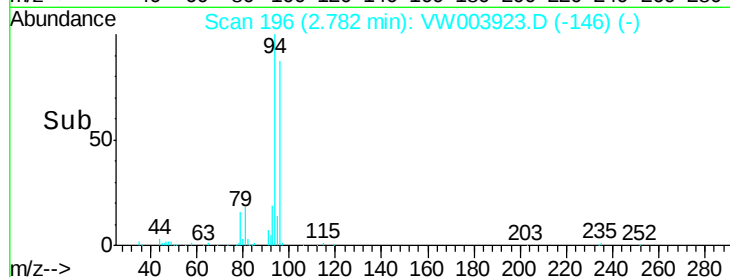
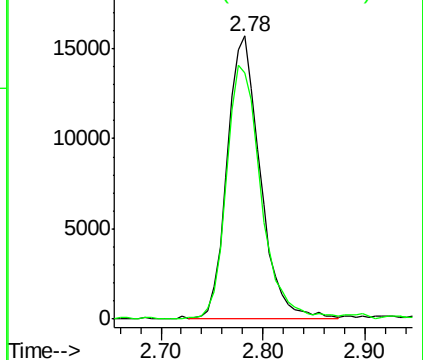
94 100

96 86.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.266 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003923.D

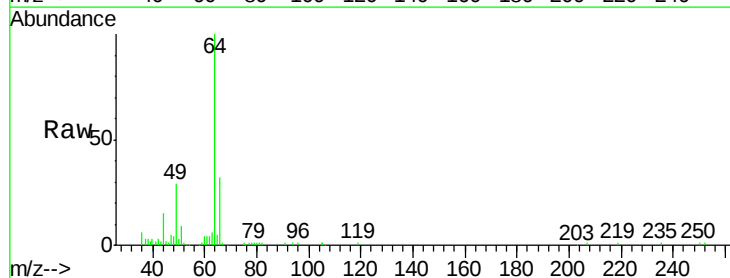
Acq: 13 Jul 2018 18:54

Tgt Ion: 64 Resp: 35132

Ion Ratio Lower Upper

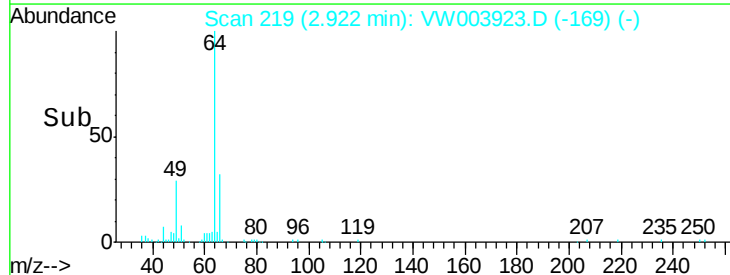
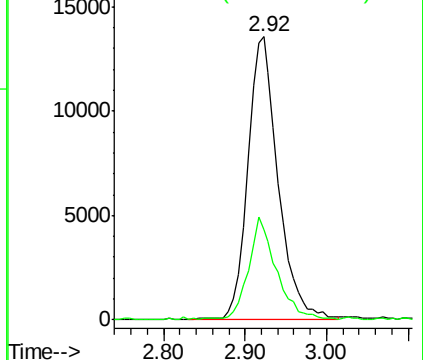
64 100

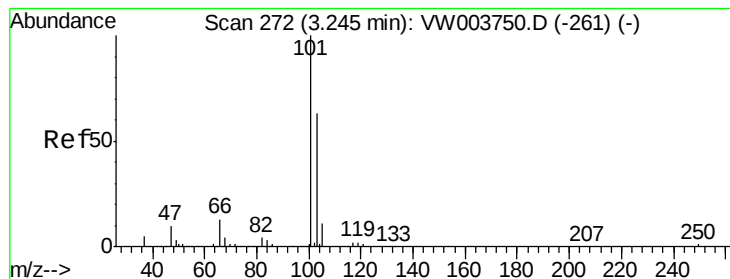
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



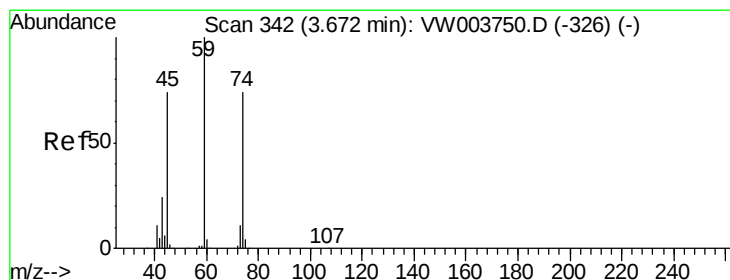
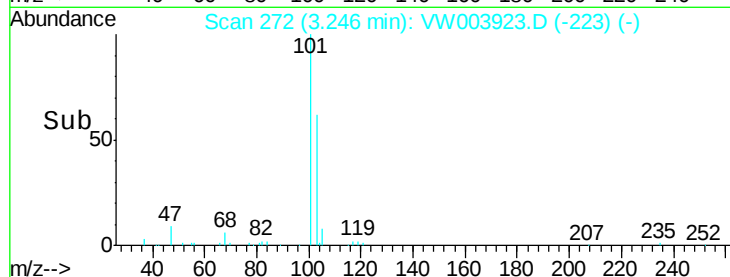
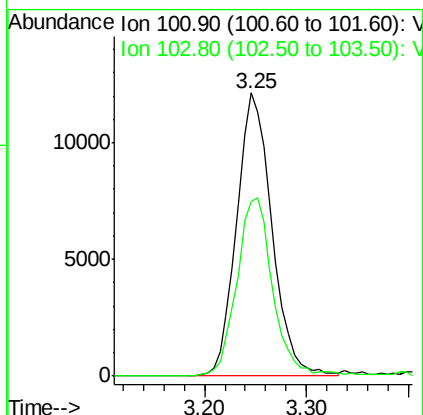
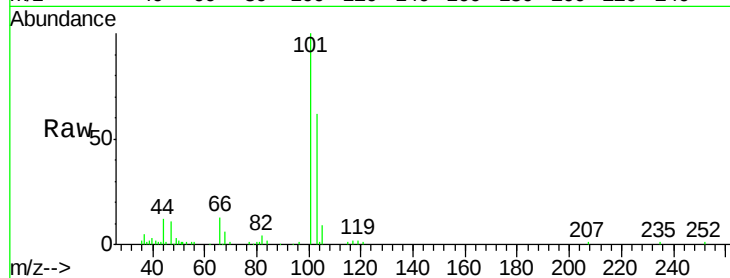


#7

Trichlorofluoromethane
 Concen: 27.483 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Instrument :
 MSVOA_W
 ClientSampled :

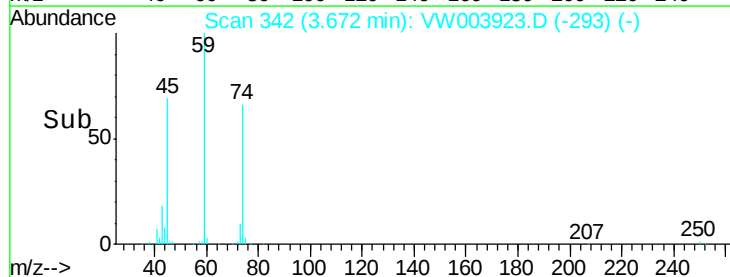
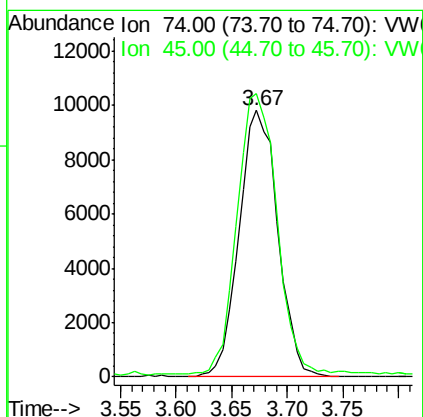
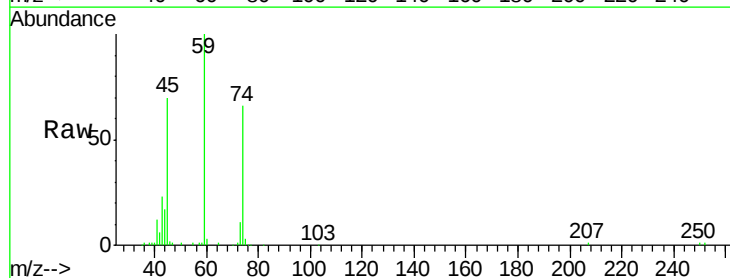
Tot Ion:101 Resp: 29210
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.7 76.1

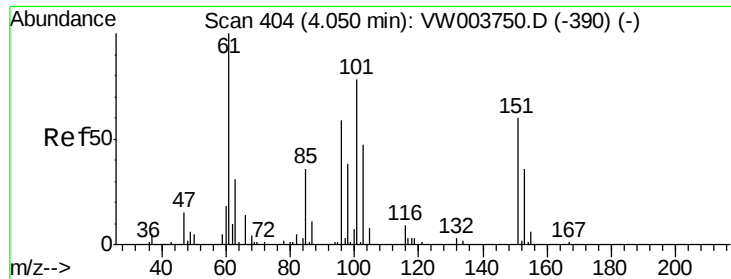


#8

Diethyl Ether
 Concen: 21.826 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion: 74 Resp: 23774
 Ion Ratio Lower Upper
 74 100
 45 107.9 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.801 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :

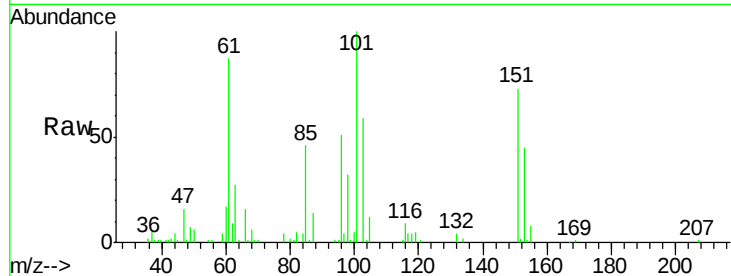
Tot Ion:101 Resp: 51262

Ion Ratio Lower Upper

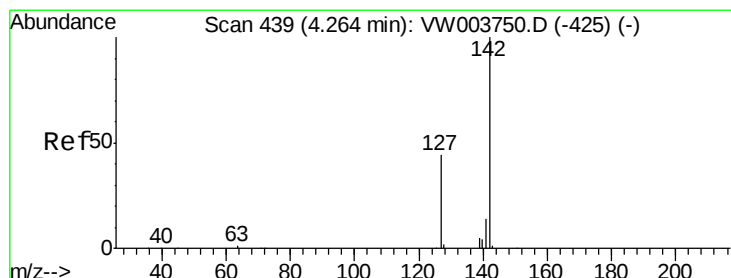
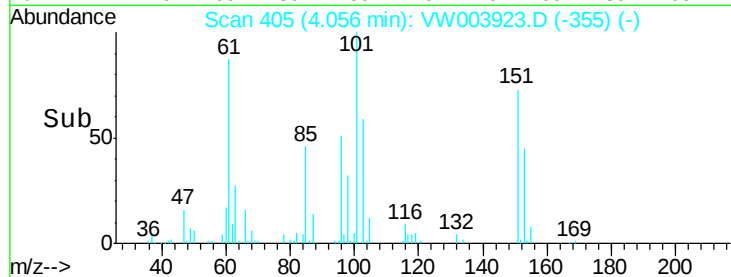
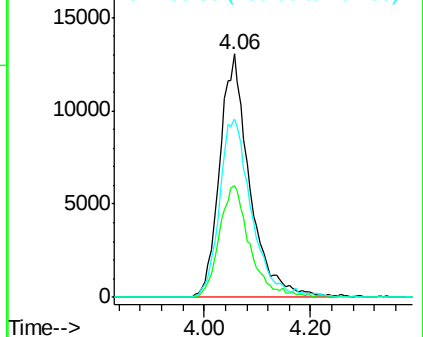
101 100

85 46.4 37.1 55.7

151 76.8 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.330 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

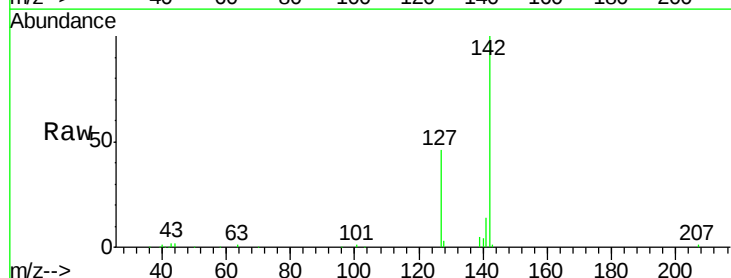
Tgt Ion:142 Resp: 71779

Ion Ratio Lower Upper

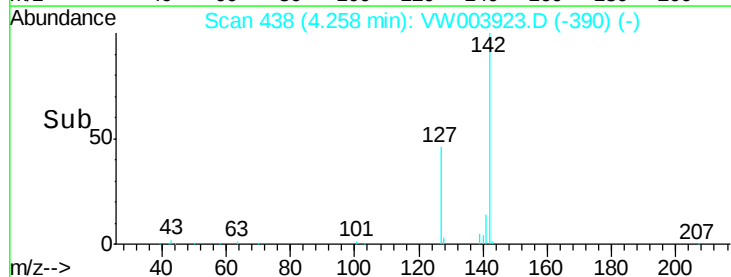
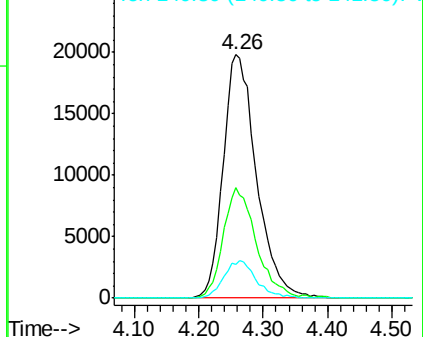
142 100

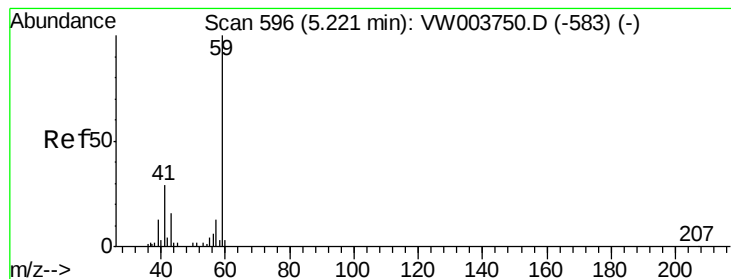
127 44.8 36.1 54.1

141 15.0 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



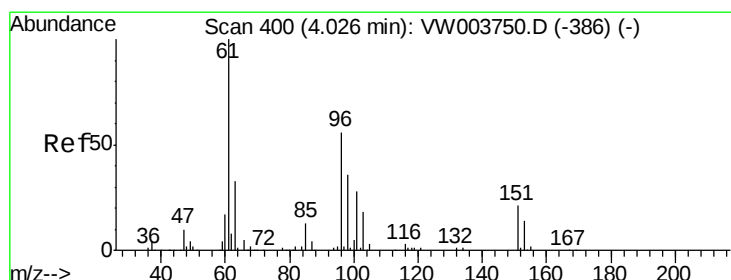
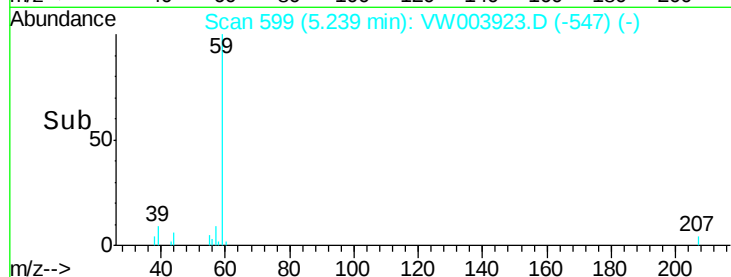
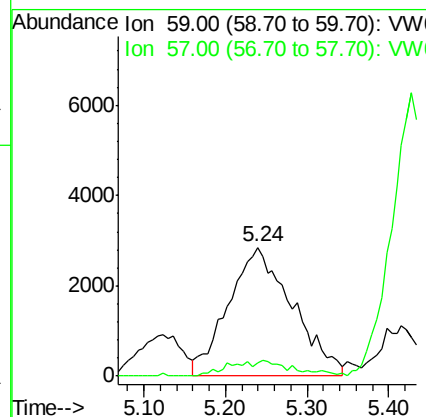
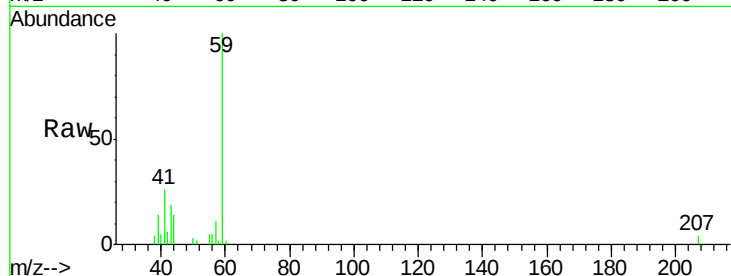


#11

Tert butyl alcohol
Concen: 101.319 ug/l
RT: 5.24 min Scan# 599
Delta R.T. 0.02 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :

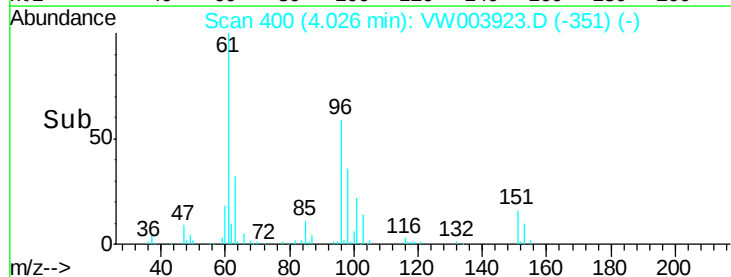
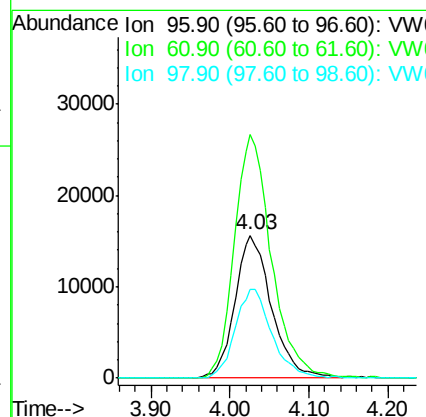
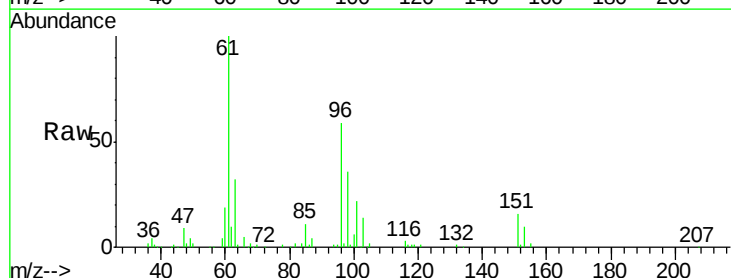
Tot Ion: 59 Resp: 15513
Ion Ratio Lower Upper
59 100
57 4.4 9.3 13.9#

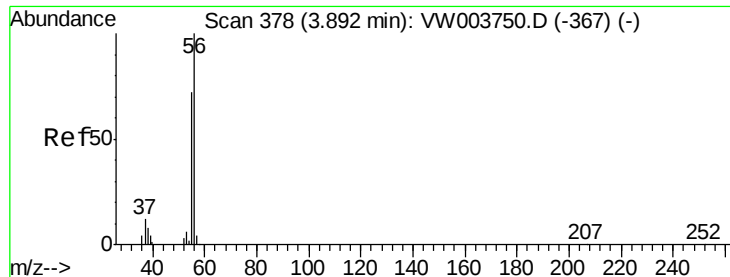


#12

1,1-Dichloroethene
Concen: 24.804 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 96 Resp: 50340
Ion Ratio Lower Upper
96 100
61 170.4 143.2 214.8
98 61.8 51.4 77.0





#13

Acrolein

Concen: 72.463 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

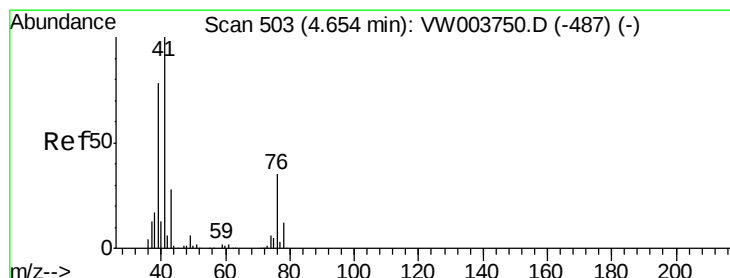
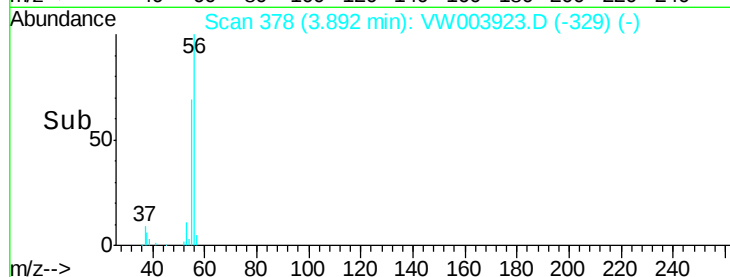
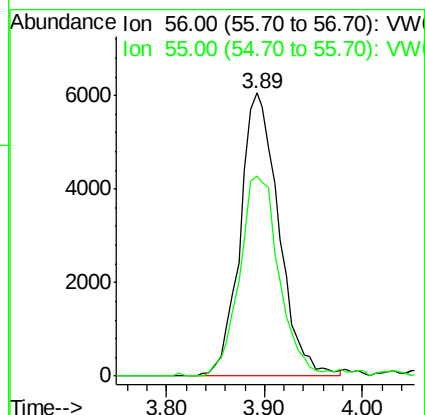
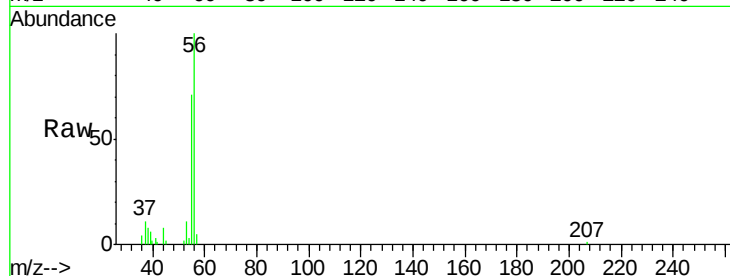
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 16618

Ion Ratio Lower Upper

56 100

55 72.1 57.5 86.3



#14

Allyl chloride

Concen: 24.542 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

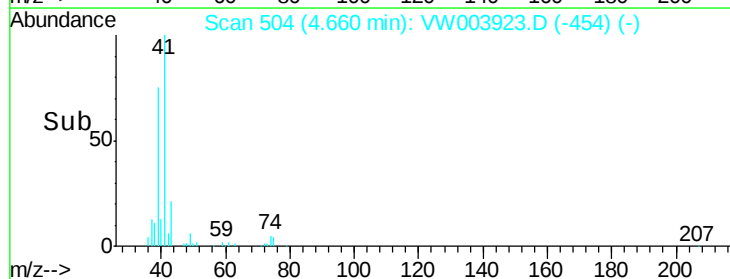
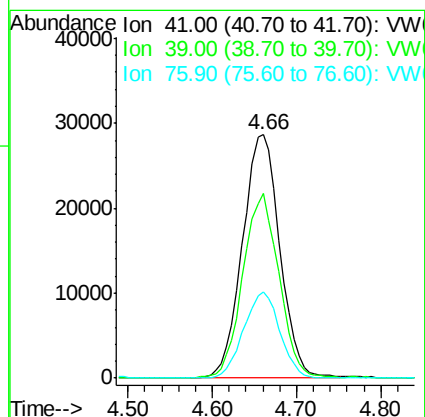
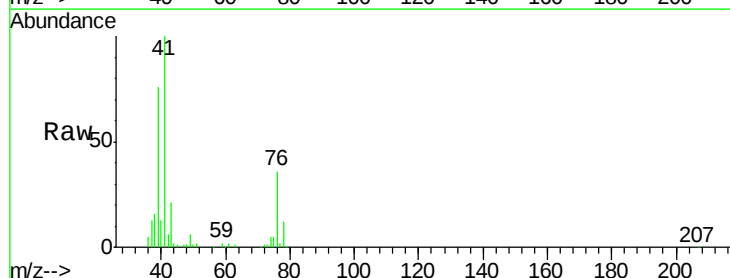
Tgt Ion: 41 Resp: 86595

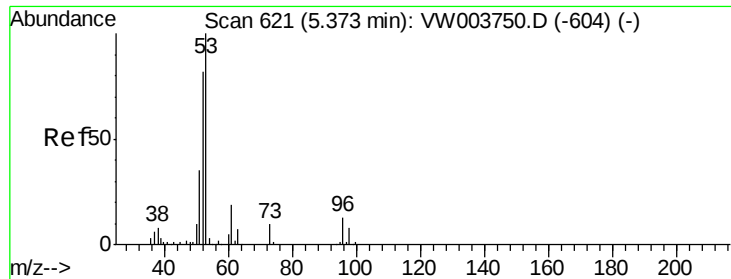
Ion Ratio Lower Upper

41 100

39 73.1 60.9 91.3

76 34.1 27.5 41.3

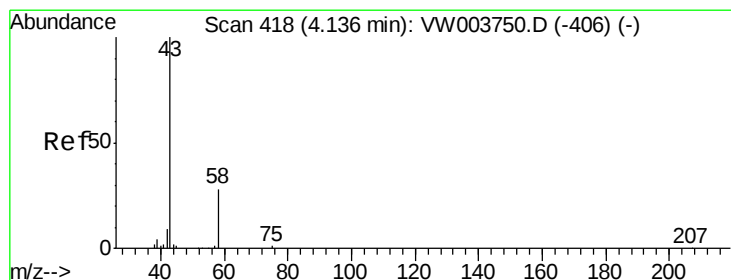
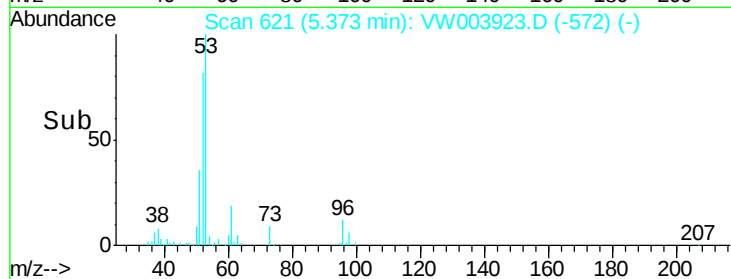
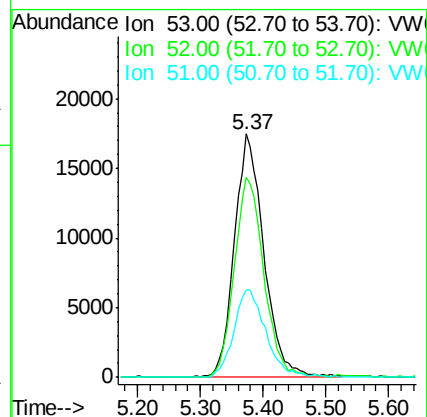
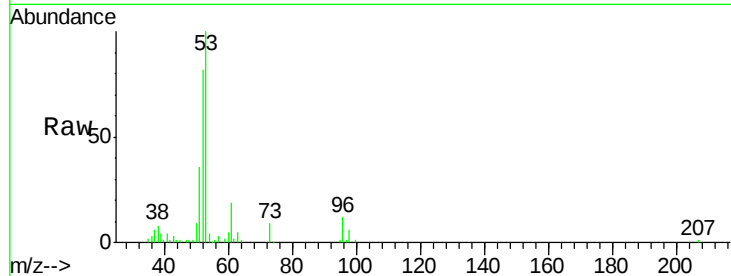




#15
 Acrylonitrile
 Concen: 104.394 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

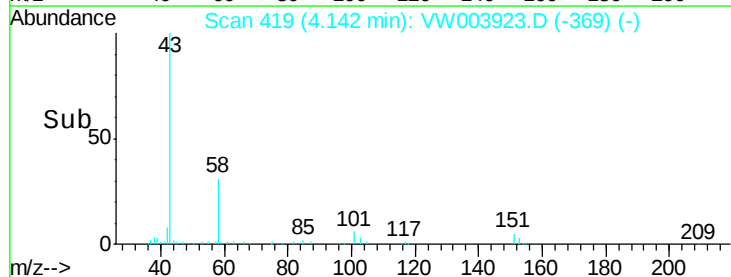
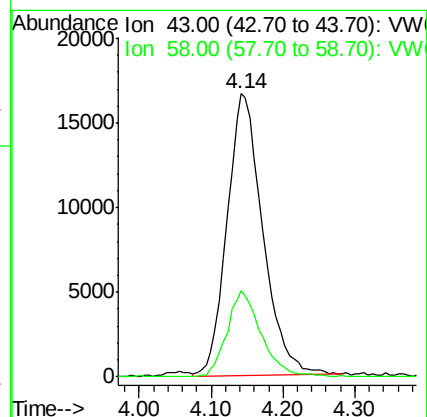
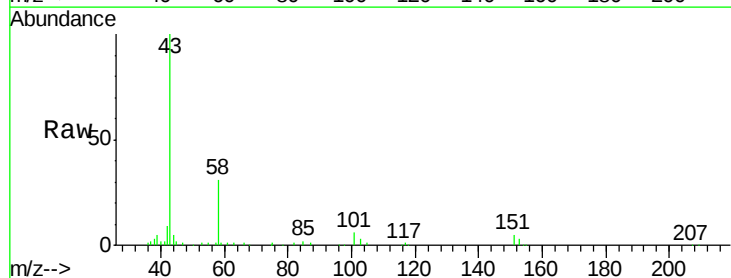
Instrument :
 MSVOA_W
 ClientSampled :

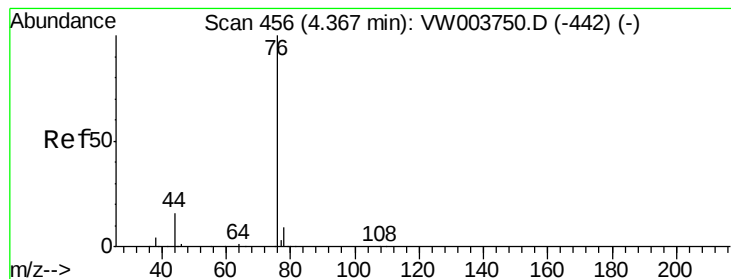
Tot Ion	53	Resp	56943
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.2
51	38.9	30.2	45.4



#16
 Acetone
 Concen: 117.391 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion	43	Resp	57542
Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.6	34.0





#17

Carbon Disulfide

Concen: 23.711 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

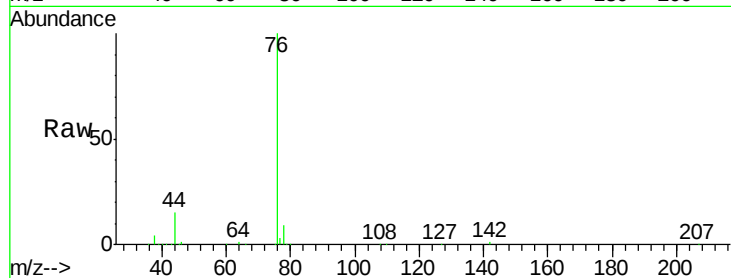
ClientSampled :

Tot Ion: 76 Resp: 157764

Ion Ratio Lower Upper

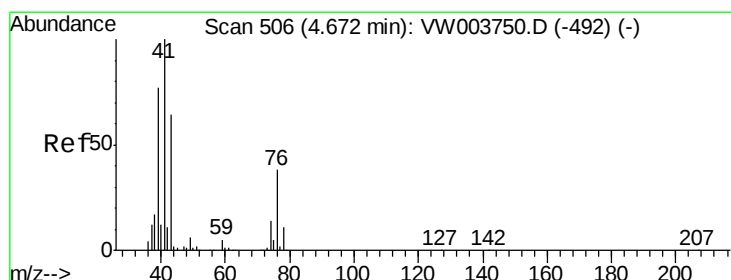
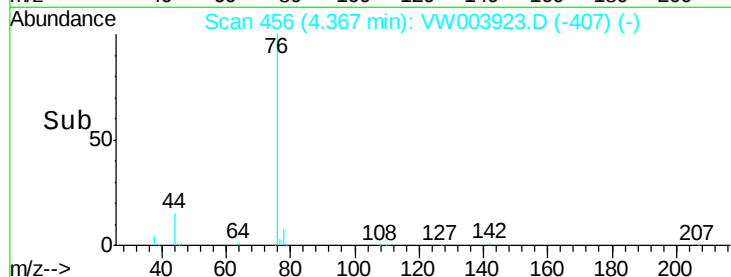
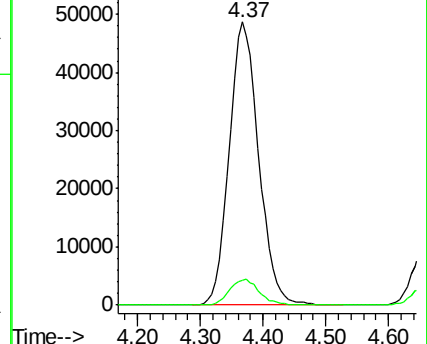
76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.397 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003923.D

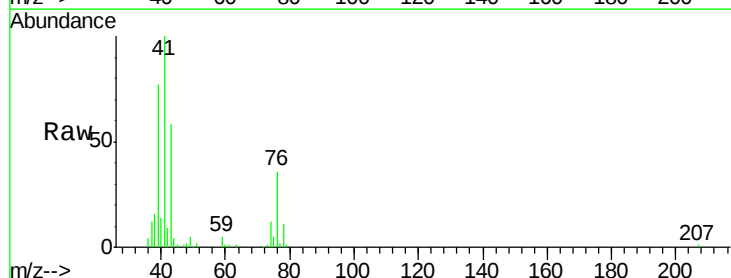
Acq: 13 Jul 2018 18:54

Tgt Ion: 43 Resp: 28188

Ion Ratio Lower Upper

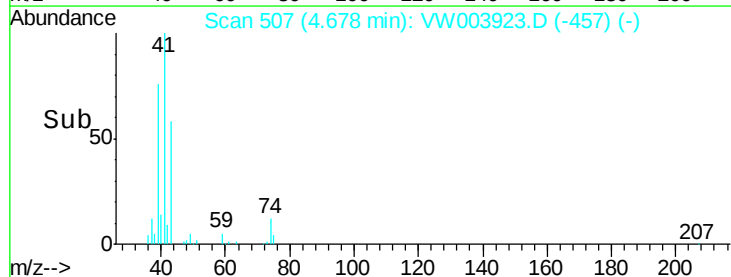
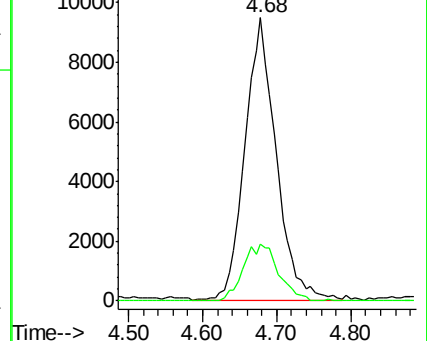
43 100

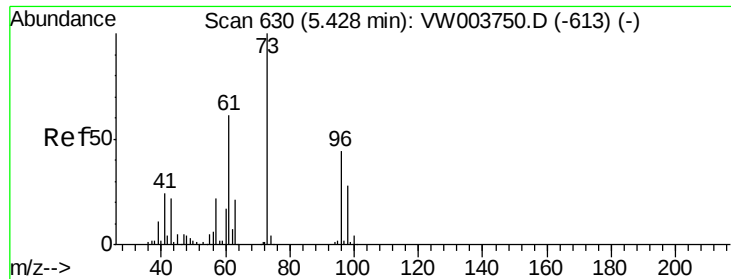
74 22.3 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

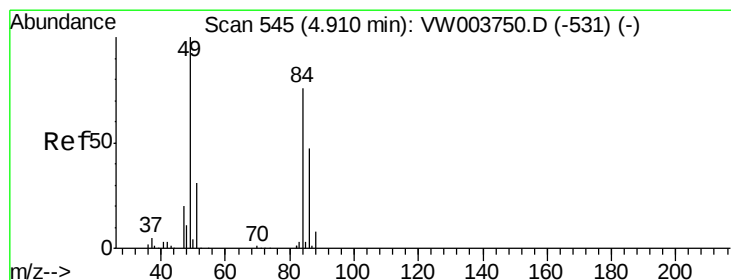
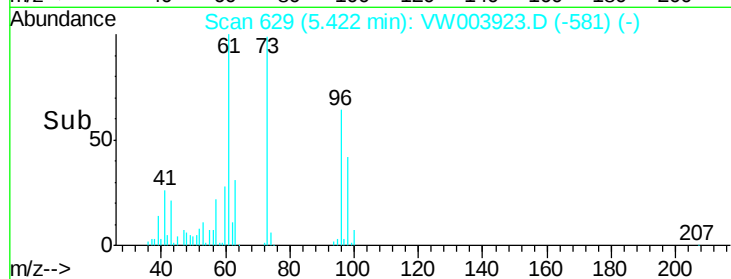
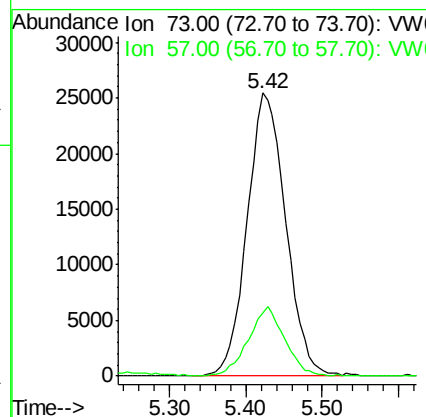
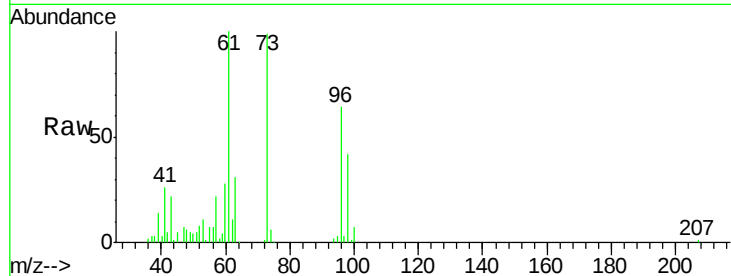




#19
Methyl tert-butyl Ether
Concen: 21.254 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

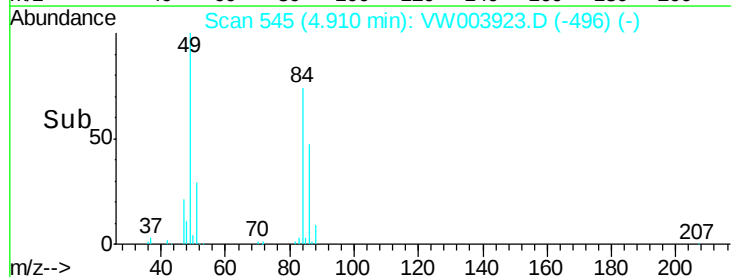
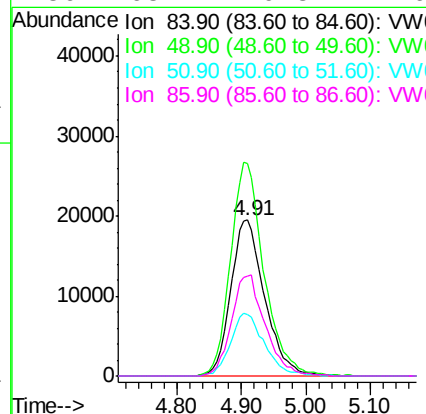
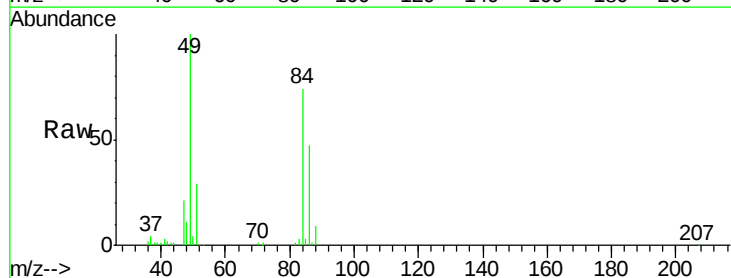
Instrument :
MSVOA_W
ClientSampled :

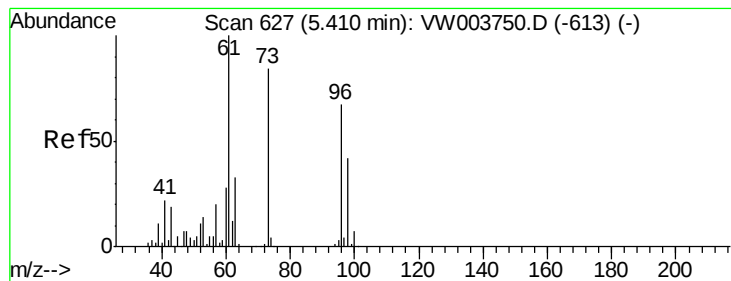
Tot Ion: 73 Resp: 89133
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 28.049 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 84 Resp: 71602
Ion Ratio Lower Upper
84 100
49 135.8 105.1 157.7
51 39.7 32.5 48.7
86 63.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 22.427 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

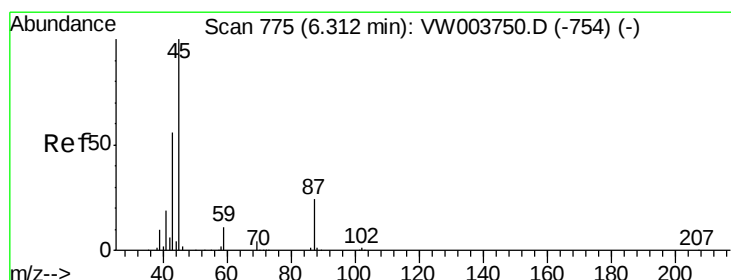
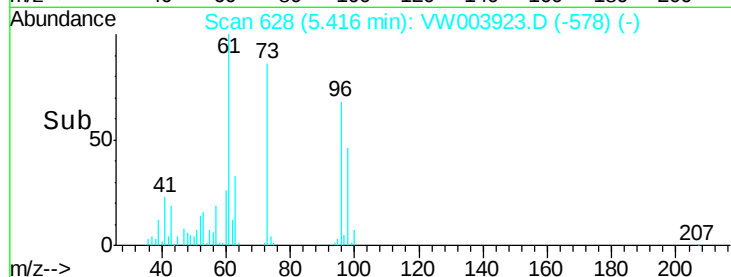
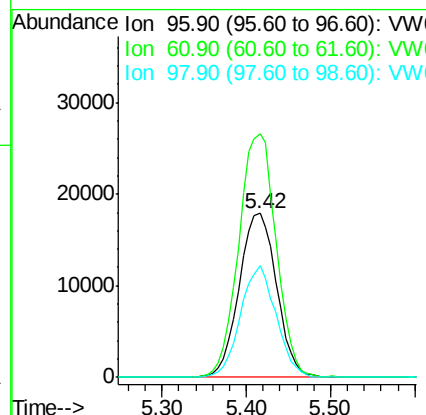
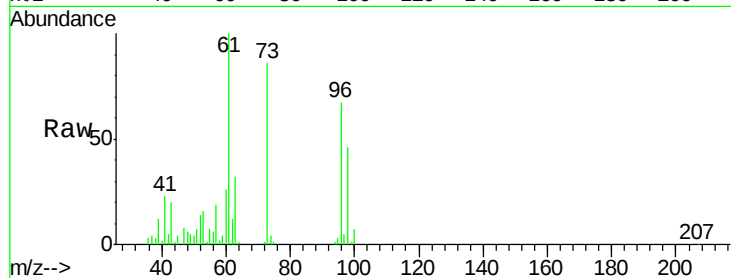
Tot Ion: 96 Resp: 53885

Ion Ratio Lower Upper

96 100

61 148.5 119.0 178.6

98 68.5 49.8 74.8



#22

Diisopropyl ether

Concen: 22.156 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion: 45 Resp: 171872

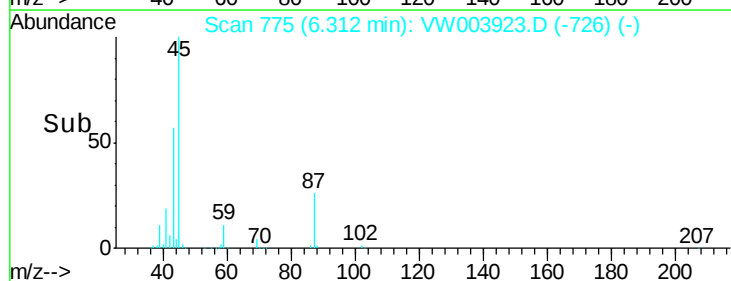
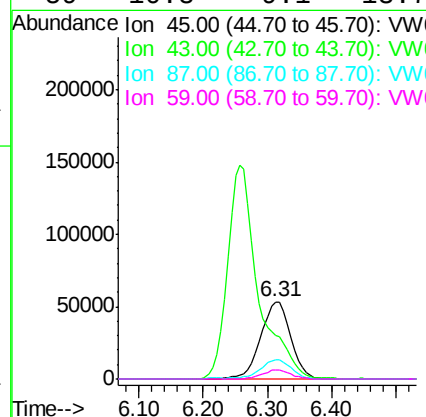
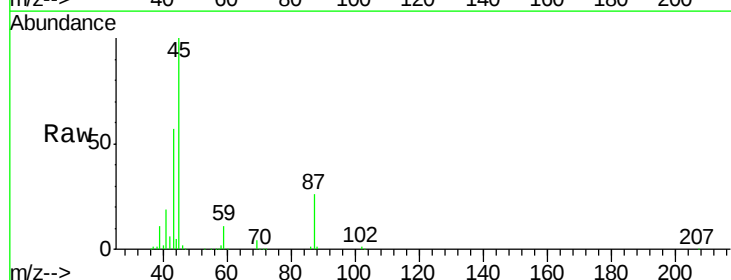
Ion Ratio Lower Upper

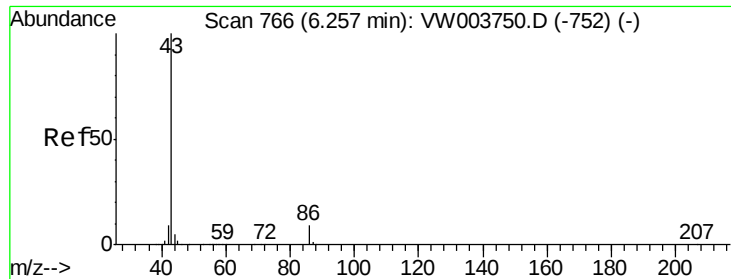
45 100

43 57.1 44.5 66.7

87 25.5 19.6 29.4

59 10.8 9.1 13.7





#23

Vinyl Acetate

Concen: 104.485 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

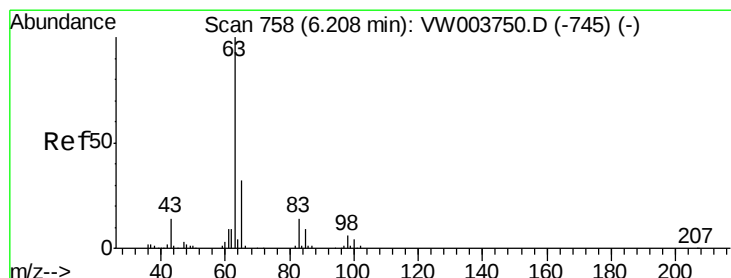
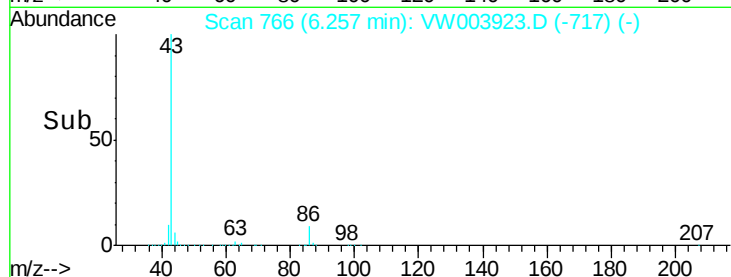
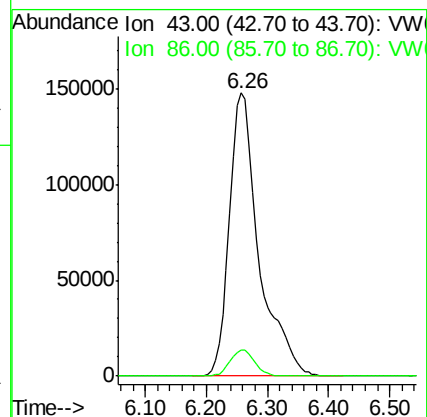
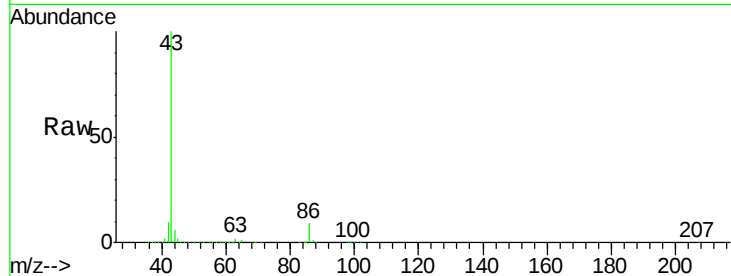
ClientSampleId :

Tot Ion: 43 Resp: 494776

Ion Ratio Lower Upper

43 100

86 9.3 7.3 10.9



#24

1,1-Dichloroethane

Concen: 21.830 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

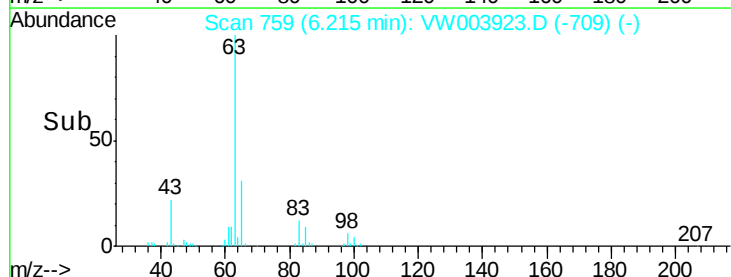
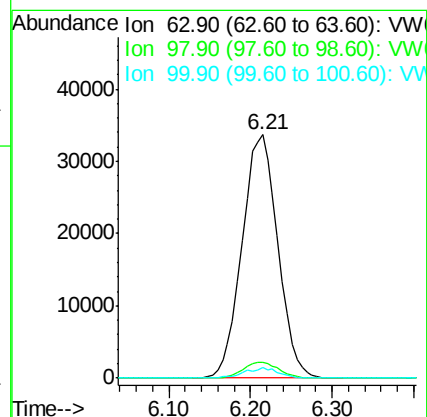
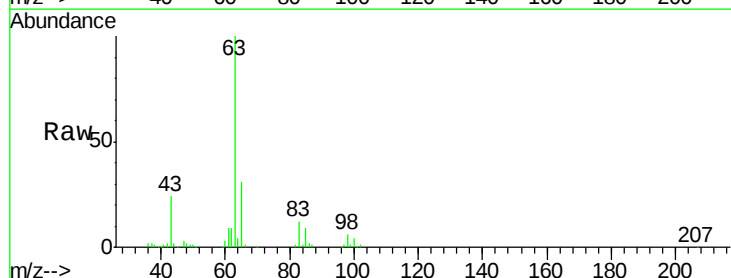
Tgt Ion: 63 Resp: 102418

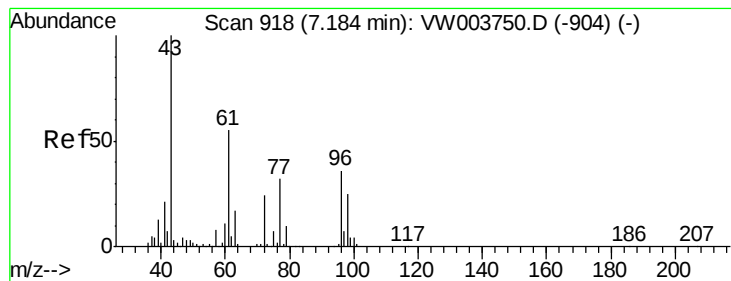
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 102.741 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

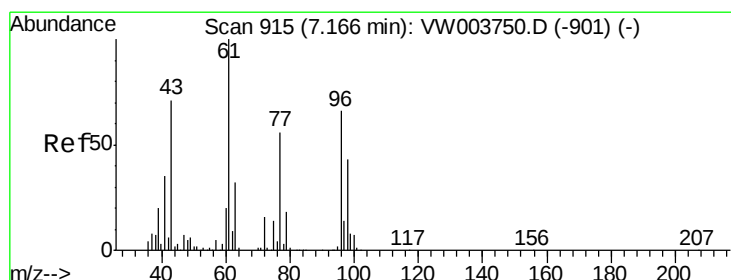
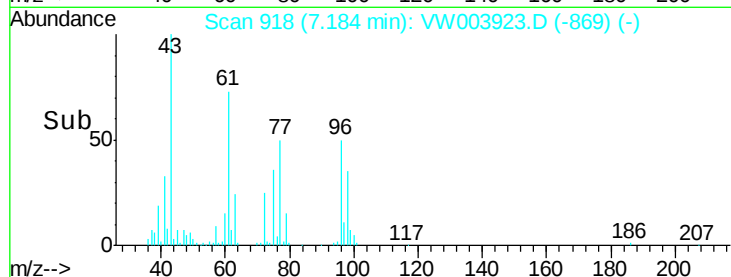
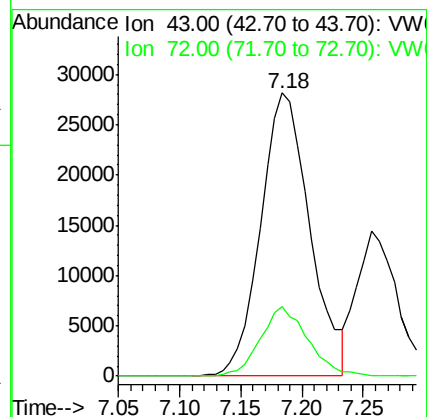
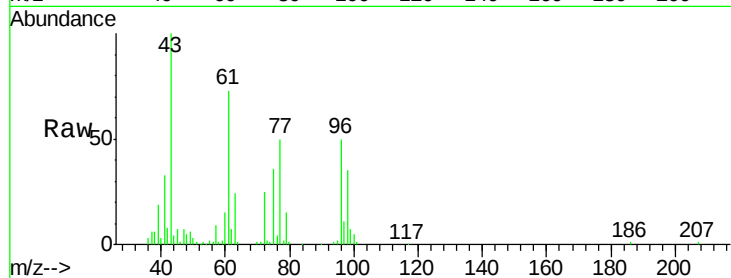
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 78879

Ion Ratio Lower Upper

43 100

72 24.6 19.4 29.2



#26

2,2-Dichloropropane

Concen: 25.101 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003923.D

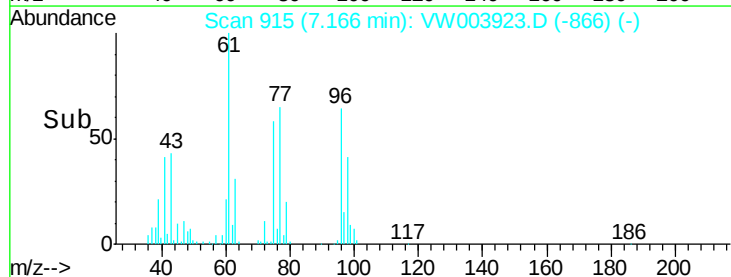
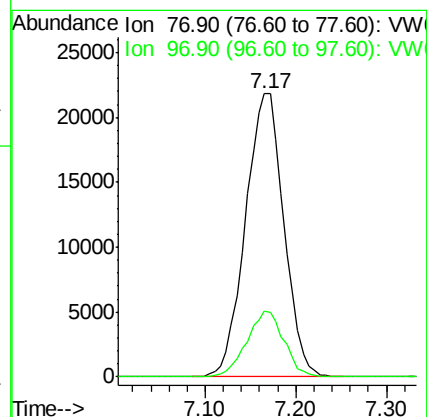
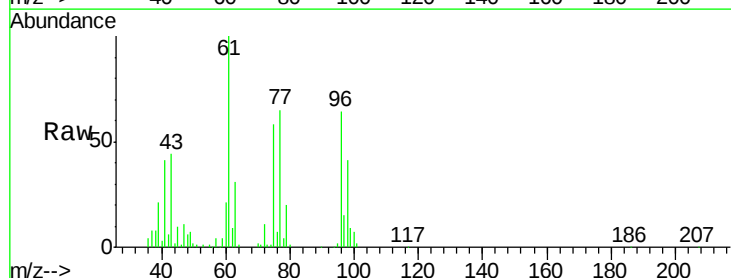
Acq: 13 Jul 2018 18:54

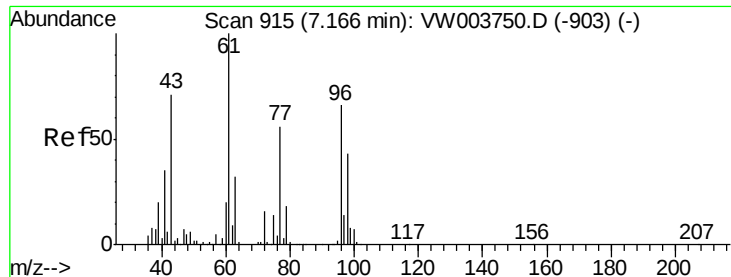
Tgt Ion: 77 Resp: 63876

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5



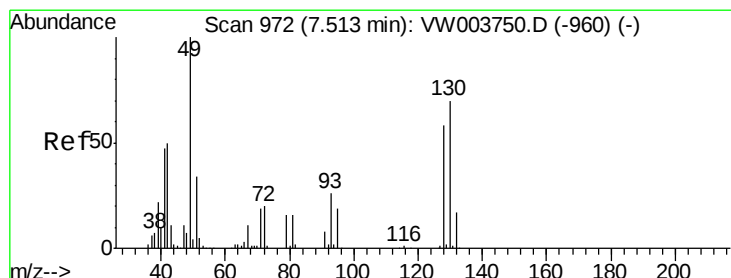
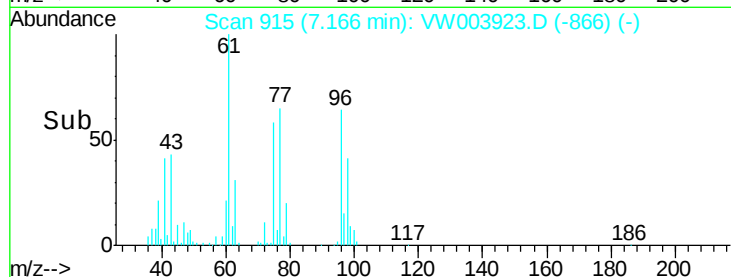
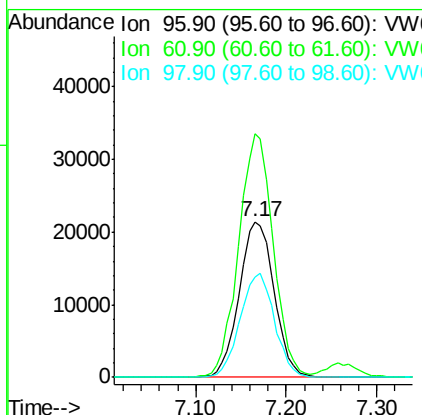
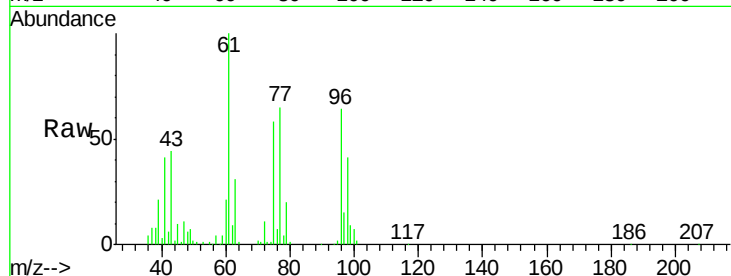


#27

cis-1,2-Dichloroethene
Concen: 21.511 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampled :

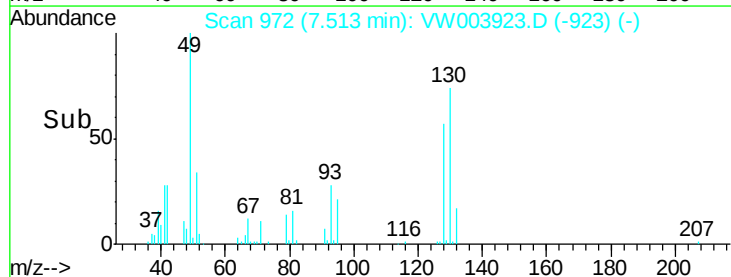
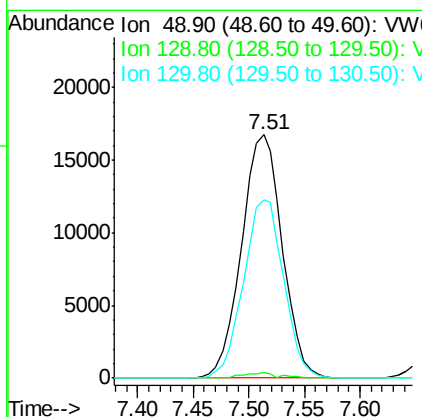
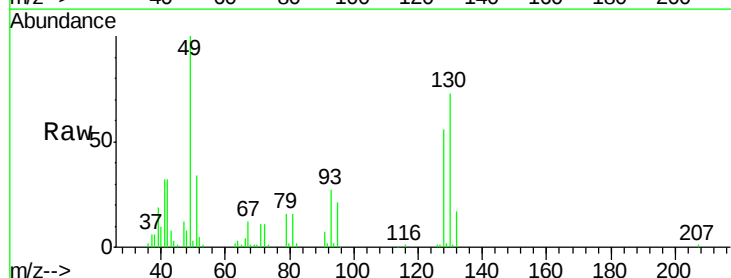
Tot Ion	96	Resp	57153
Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	300.8
98	65.3	0.0	128.6

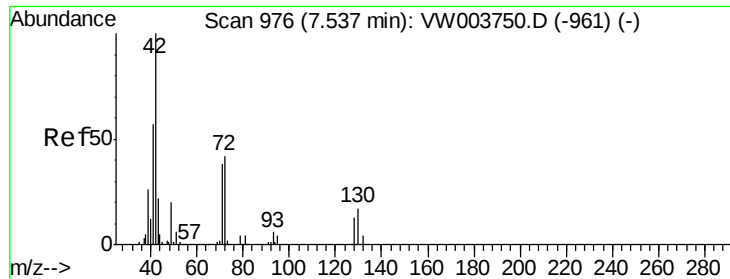


#28

Bromochloromethane
Concen: 20.384 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	49	Resp	42603
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	72.0	56.9	85.3

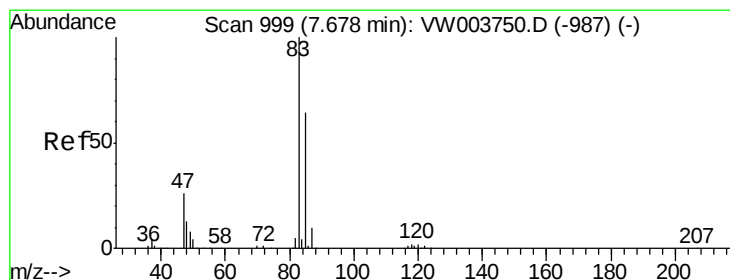
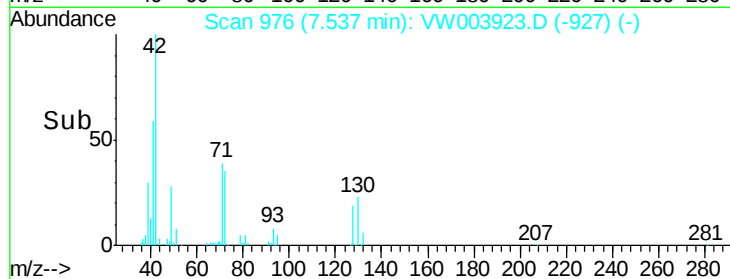
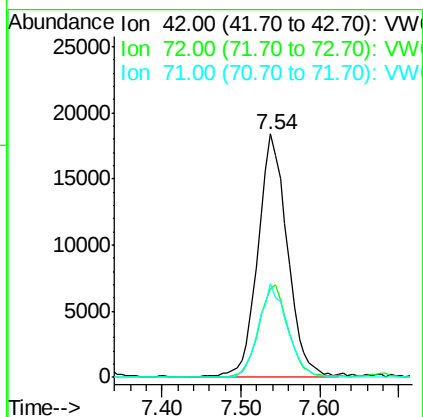
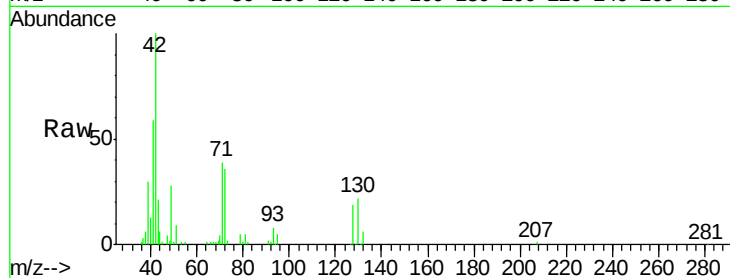




#29
Tetrahydrofuran
Concen: 97.401 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

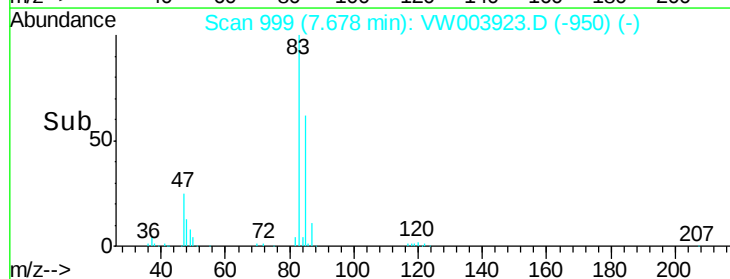
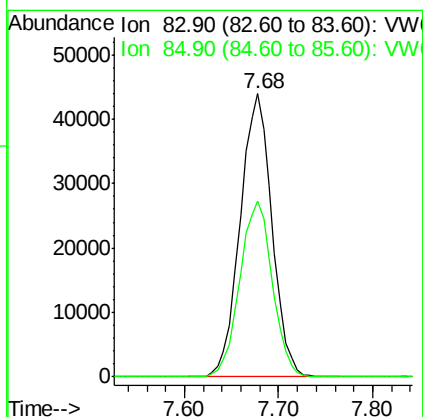
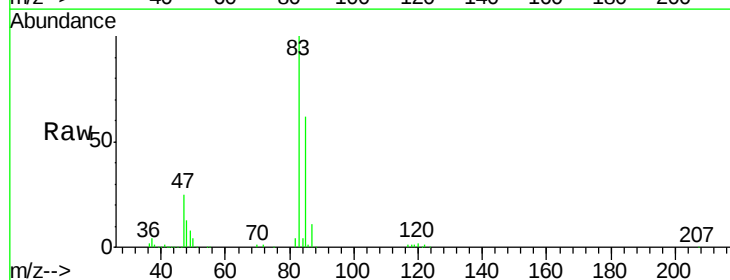
Instrument :
MSVOA_W
ClientSampleId :

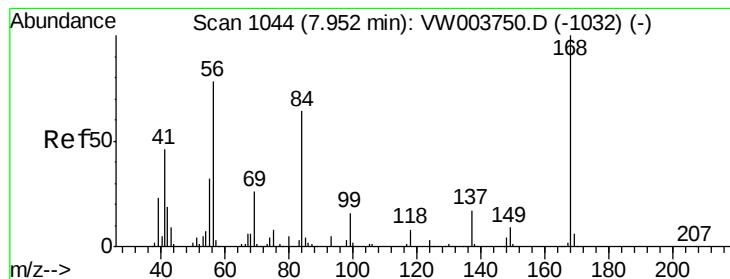
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	31.8	47.8
71	37.2	30.3	45.5



#30
Chloroform
Concen: 21.614 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.5	77.3





#31

Cyclohexane

Concen: 23.009 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

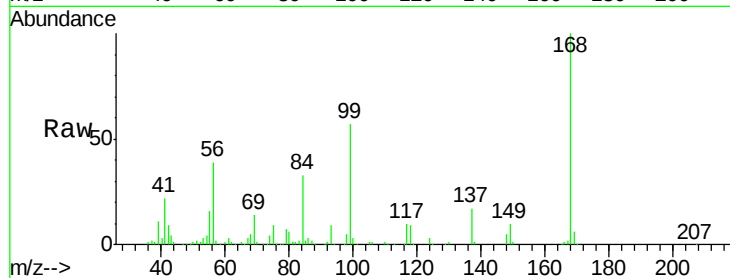
Tot Ion: 56 Resp: 94861

Ion Ratio Lower Upper

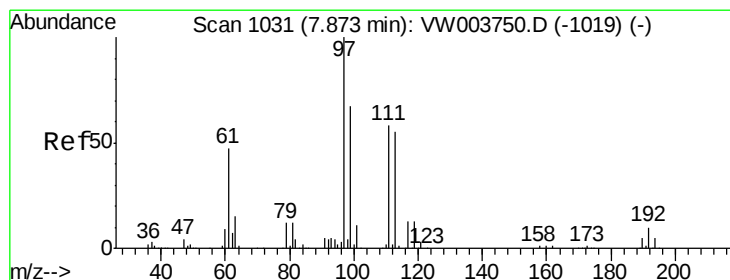
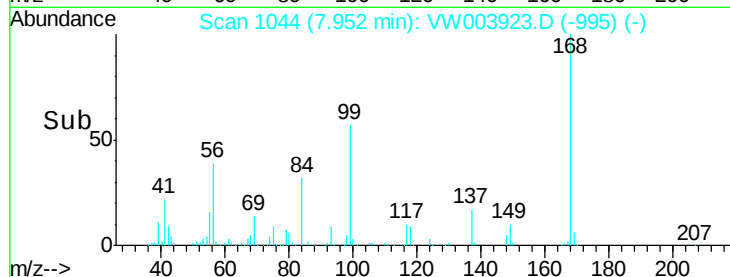
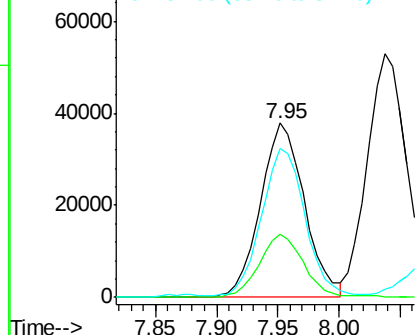
56 100

69 36.2 26.2 39.4

84 83.8 65.5 98.3



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



#32

1,1,1-Trichloroethane

Concen: 22.548 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

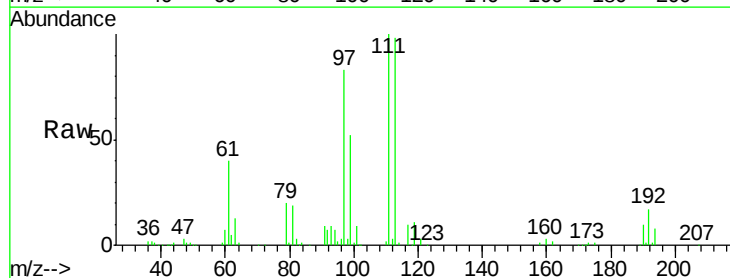
Tgt Ion: 97 Resp: 82131

Ion Ratio Lower Upper

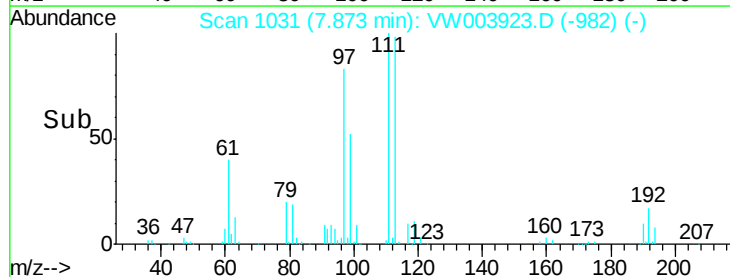
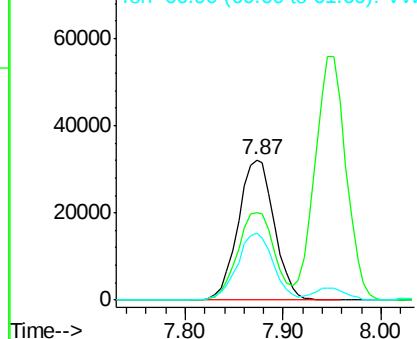
97 100

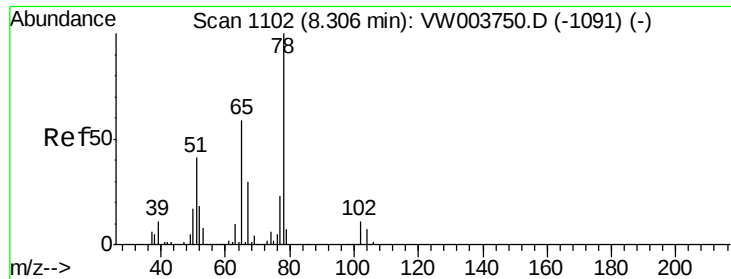
99 64.2 51.2 76.8

61 47.4 37.6 56.4



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





#33

1,2-Dichloroethane-d4

Concen: 48.437 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

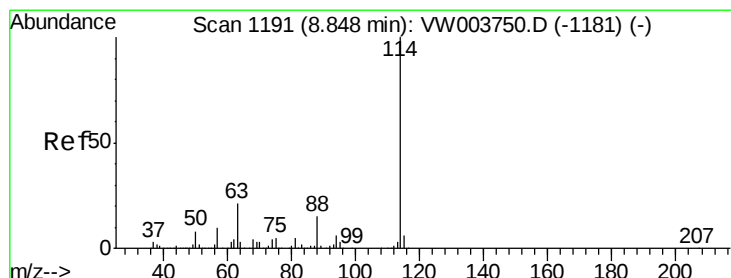
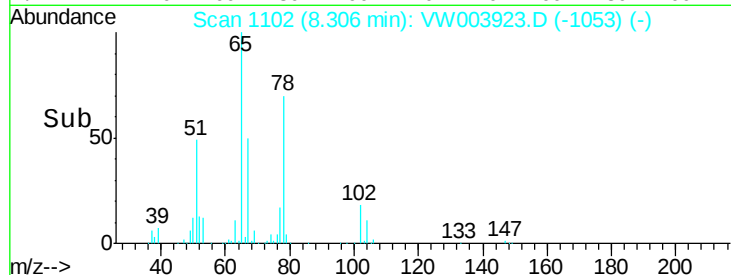
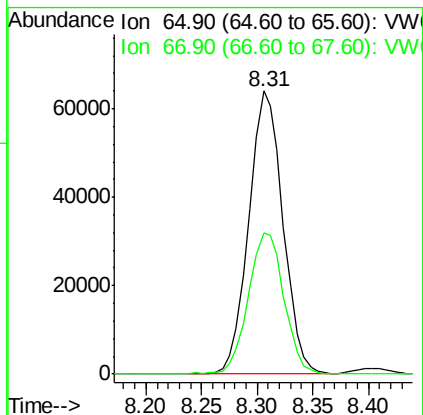
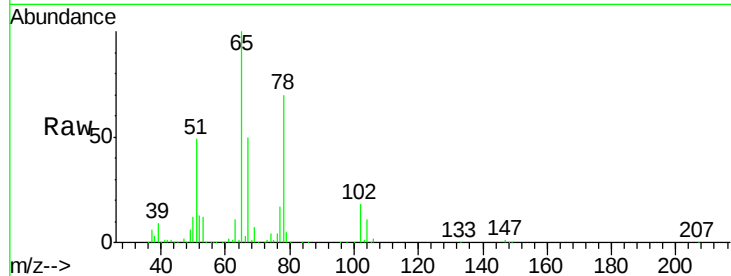
ClientSampleId :

Tot Ion: 65 Resp: 136848

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

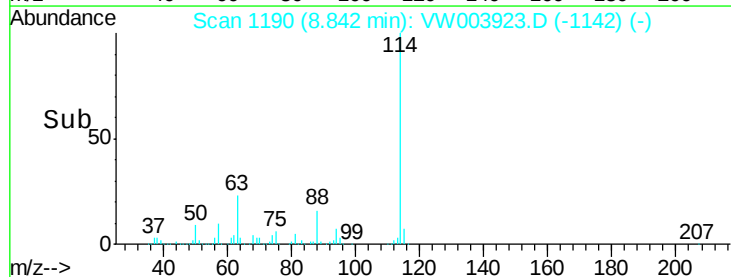
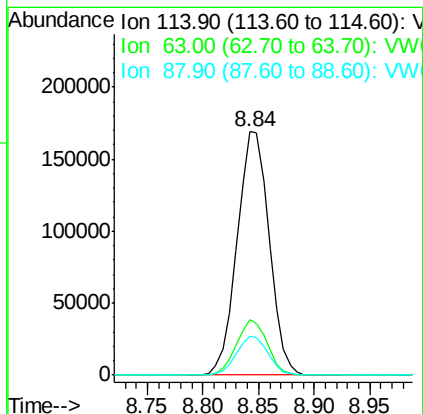
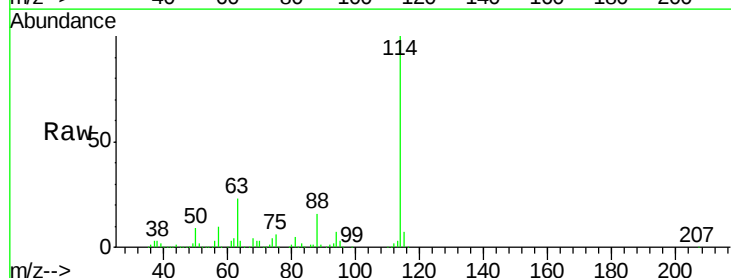
Tgt Ion: 114 Resp: 338116

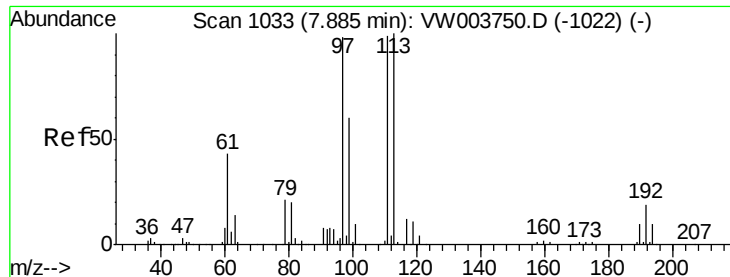
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 15.7 0.0 30.2

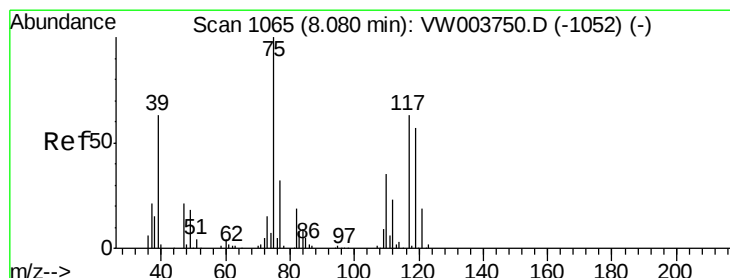
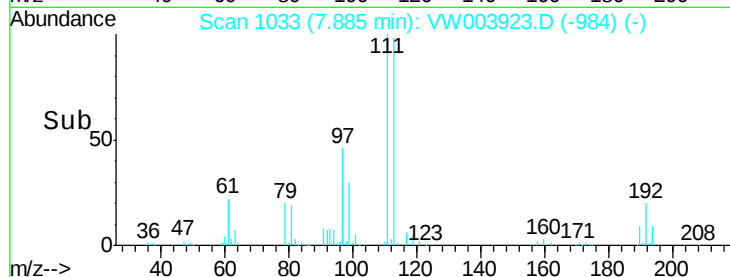
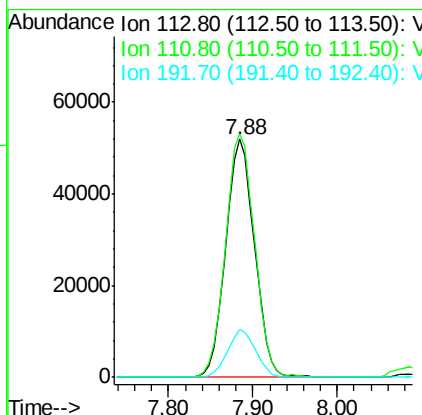
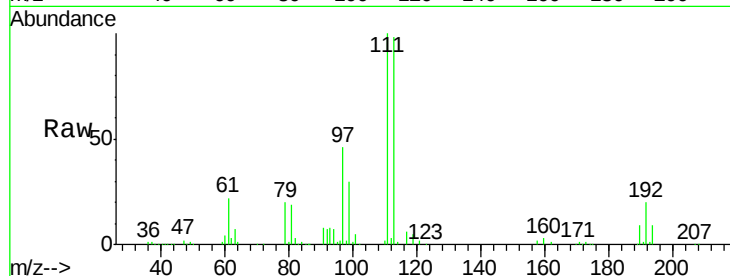




#35
 Dibromofluoromethane
 Concen: 51.043 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

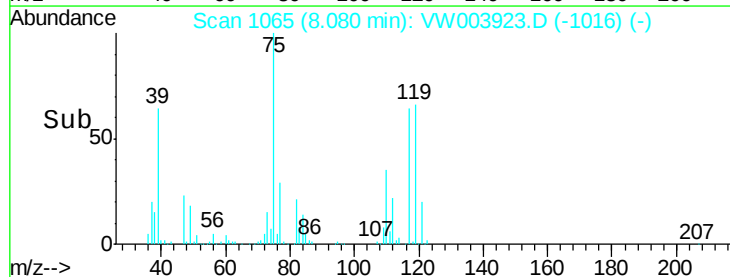
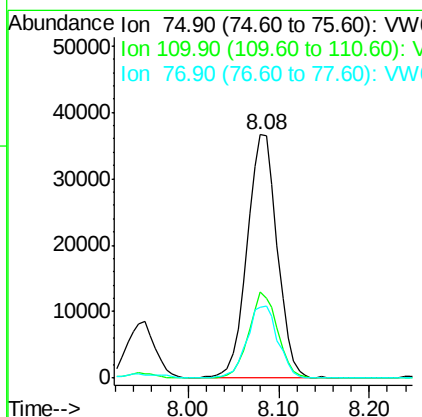
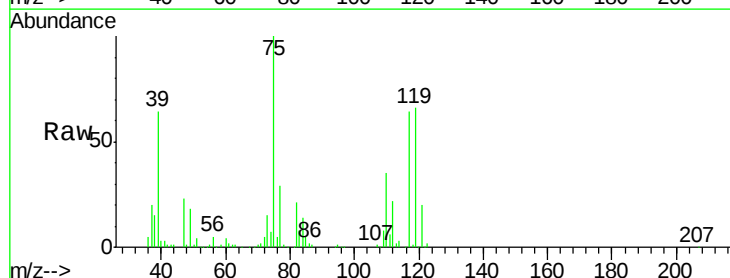
Instrument :
 MSVOA_W
 ClientSampleId :

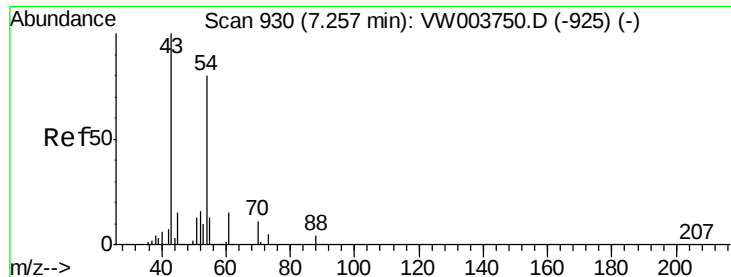
Tot Ion:113 Resp: 120790
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.7 122.5
 192 19.5 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 23.446 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion: 75 Resp: 84113
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.6
 77 30.8 24.8 37.2

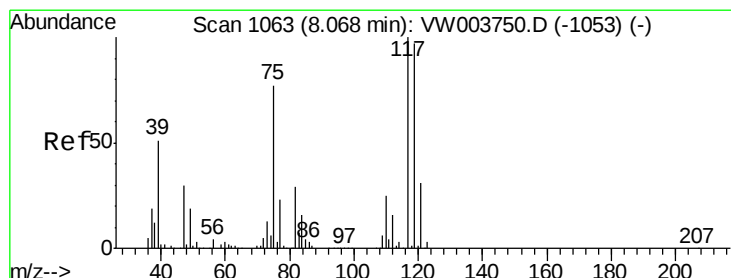
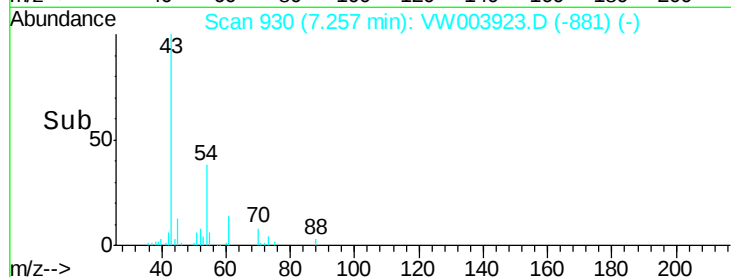
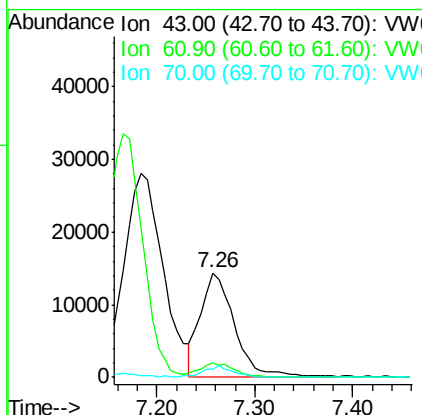
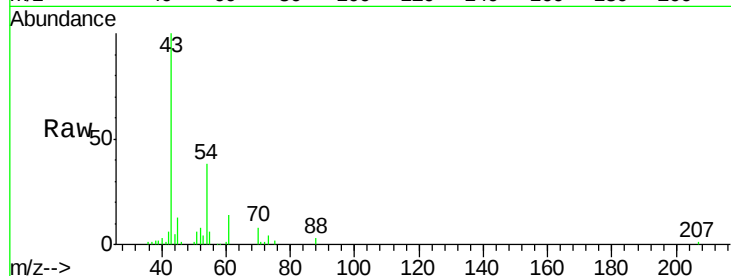




#37
Ethyl Acetate
Concen: 19.474 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

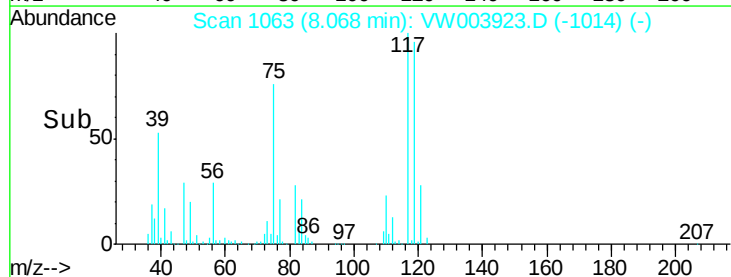
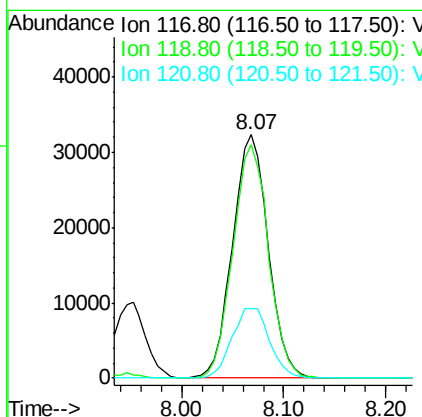
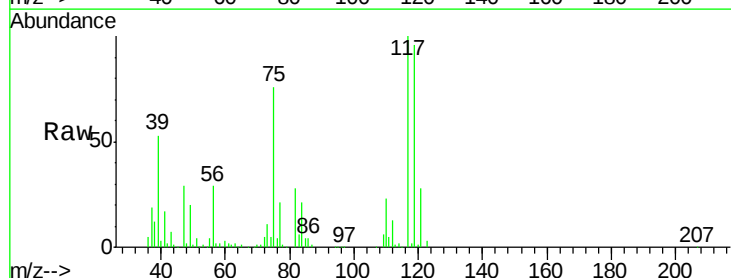
Instrument :
MSVOA_W
ClientSampleId :

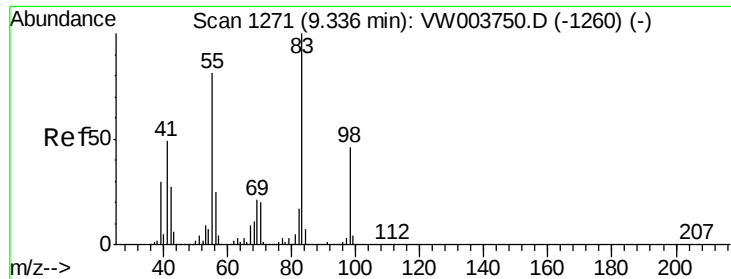
Tot Ion: 43 Resp: 33995
Ion Ratio Lower Upper
43 100
61 14.2 10.6 15.8
70 9.8 7.5 11.3



#38
Carbon Tetrachloride
Concen: 22.978 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 117 Resp: 78380
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2
121 28.3 24.6 37.0

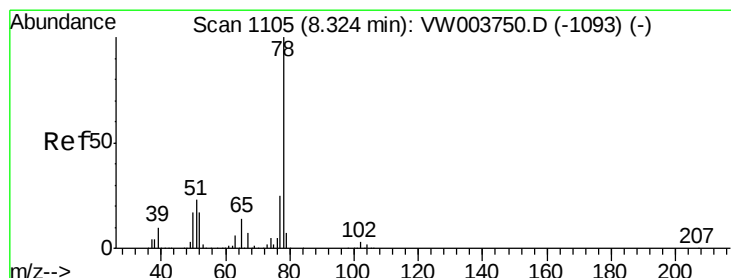
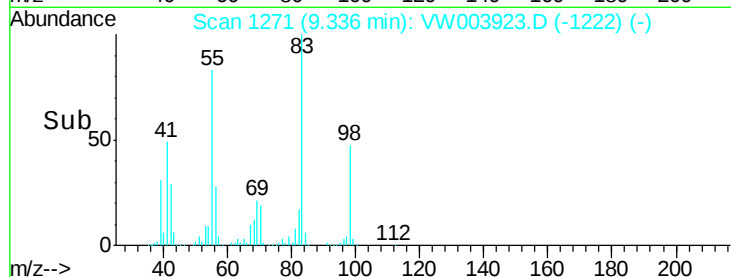
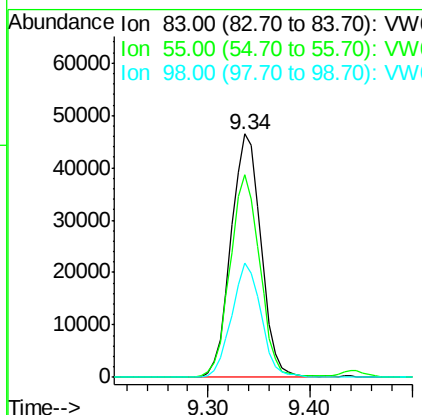
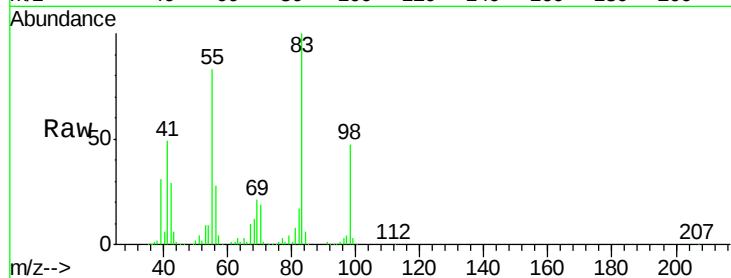




#39
Methvlcvclohexane
Concen: 24.095 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

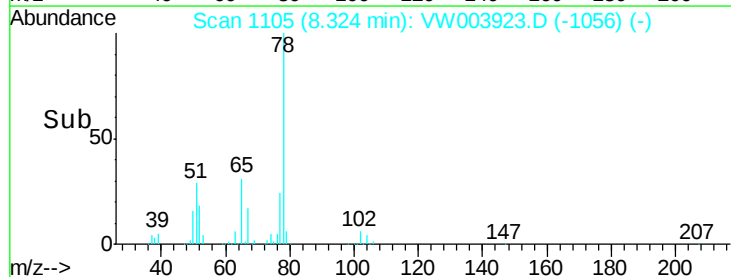
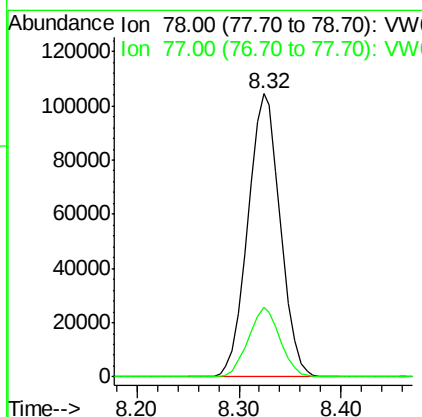
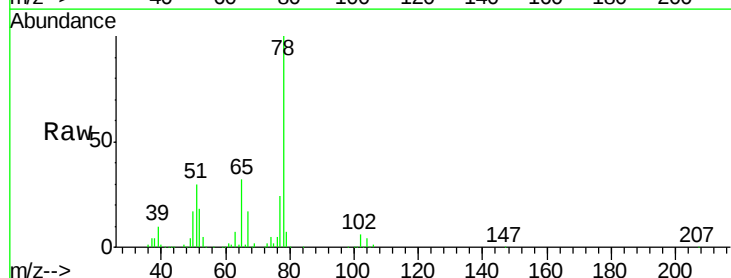
Instrument :
MSVOA_W
ClientSampled :

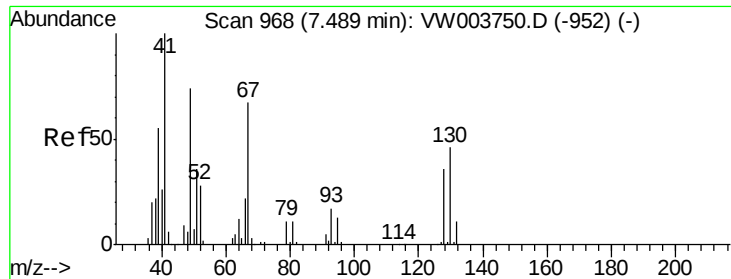
Tot Ion: 83 Resp: 94676
Ion Ratio Lower Upper
83 100
55 83.4 65.1 97.7
98 46.9 36.7 55.1



#40
Benzene
Concen: 22.470 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 78 Resp: 230460
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5

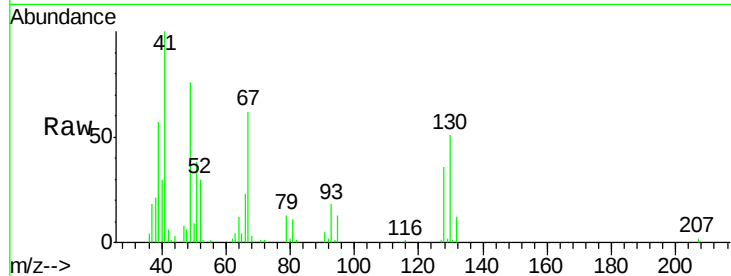




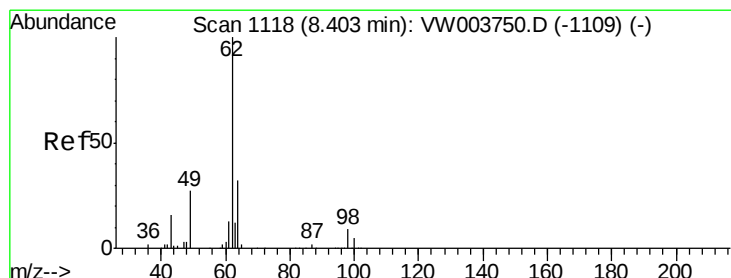
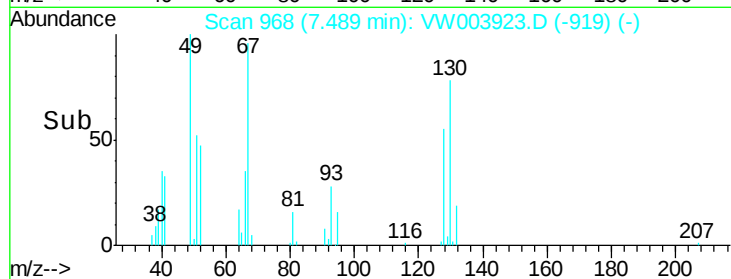
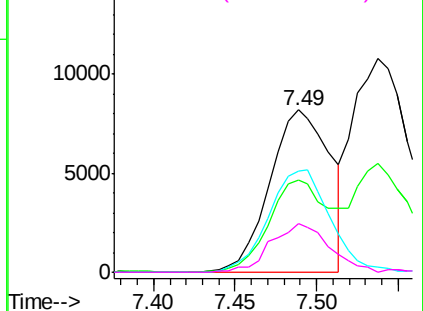
#41
Methacrylonitrile
Concen: 20.954 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	21041
Ion	Ratio	Lower	Upper
41	100		
39	51.2	49.5	74.3
67	64.2	53.8	80.8
52	29.0	24.3	36.5

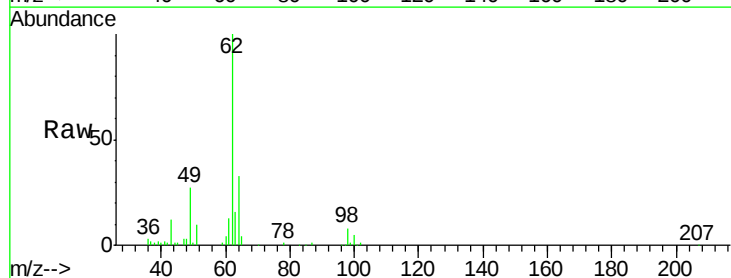


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

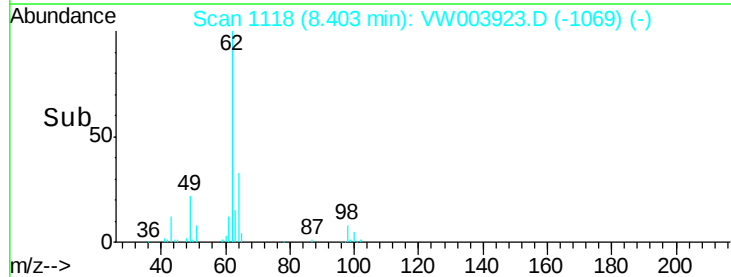
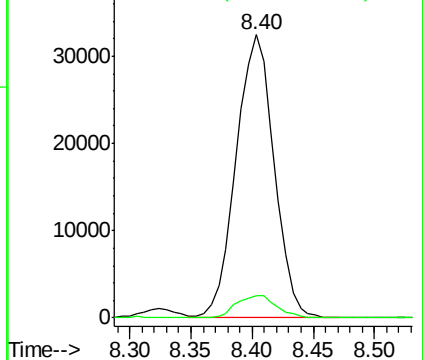


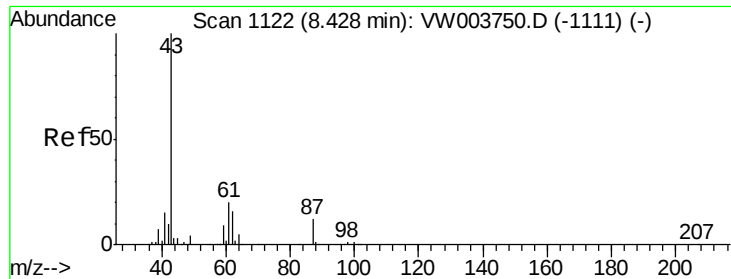
#42
1,2-Dichloroethane
Concen: 21.132 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion:	62	Resp:	70144
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4



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





#43

Isopropyl Acetate

Concen: 19.883 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampled :

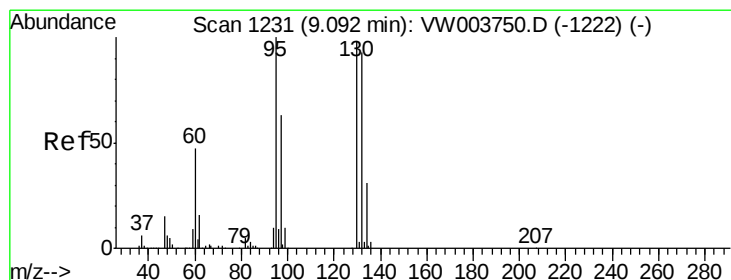
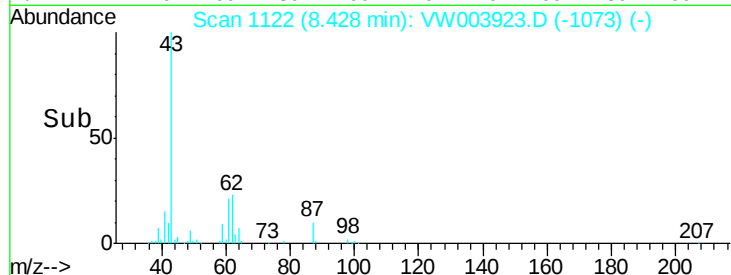
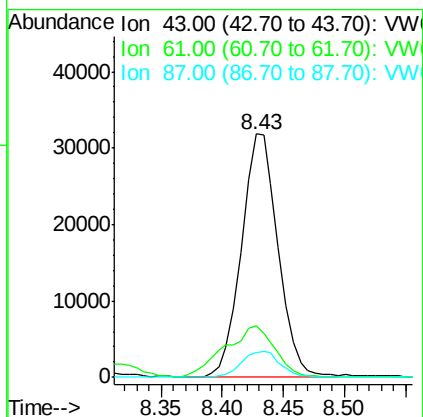
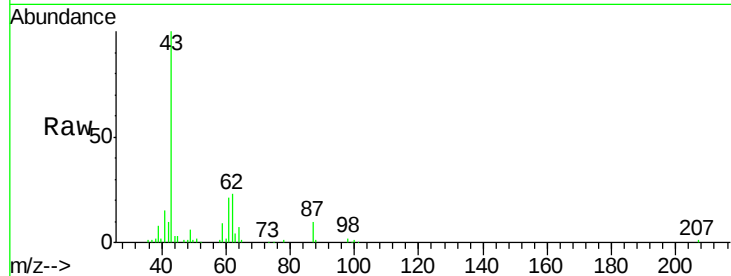
Tot Ion: 43 Resp: 65782

Ion Ratio Lower Upper

43 100

61 29.3 22.8 34.2

87 11.4 9.5 14.3



#44

Trichloroethene

Concen: 22.403 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003923.D

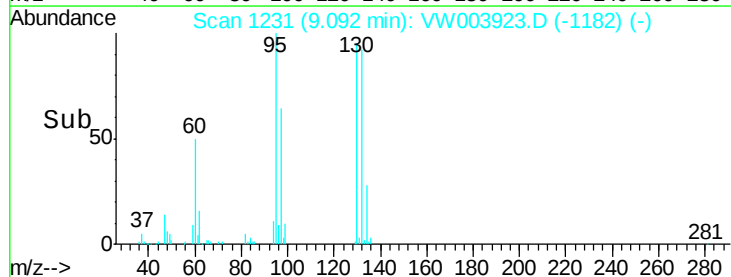
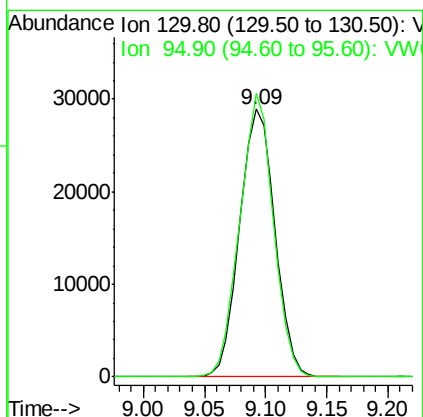
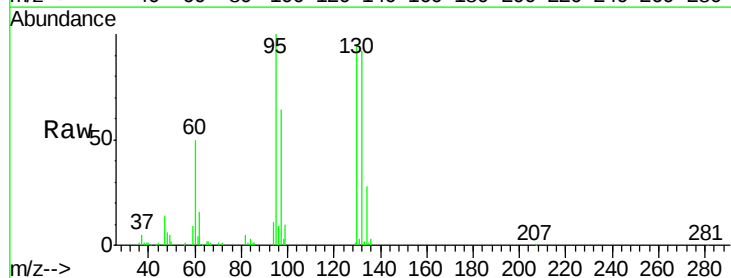
Acq: 13 Jul 2018 18:54

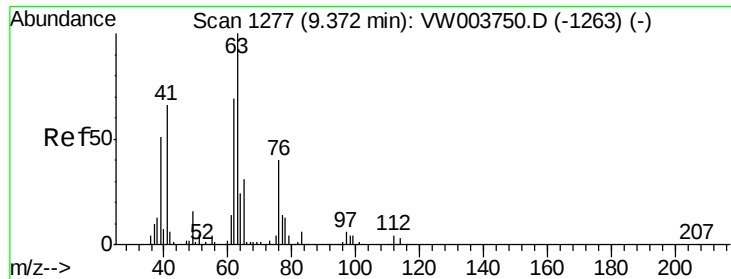
Tgt Ion: 130 Resp: 57926

Ion Ratio Lower Upper

130 100

95 105.7 0.0 203.8

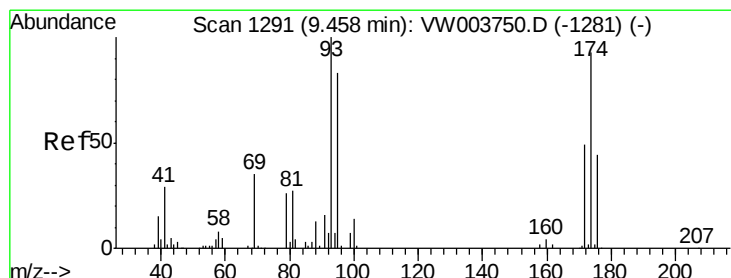
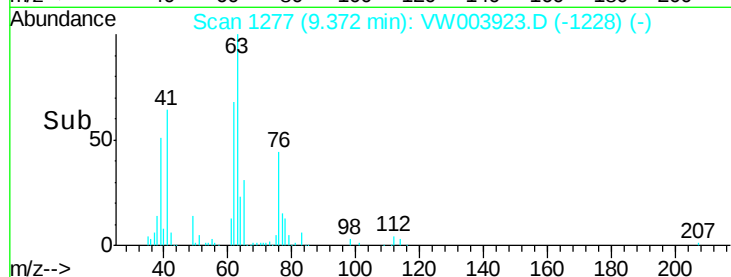
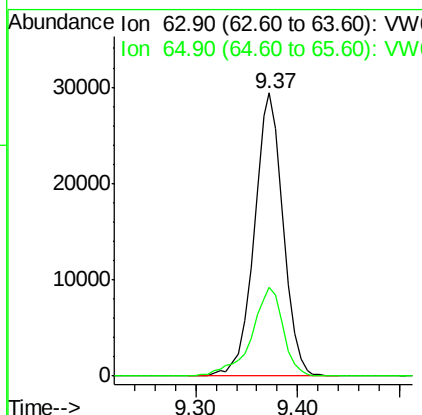
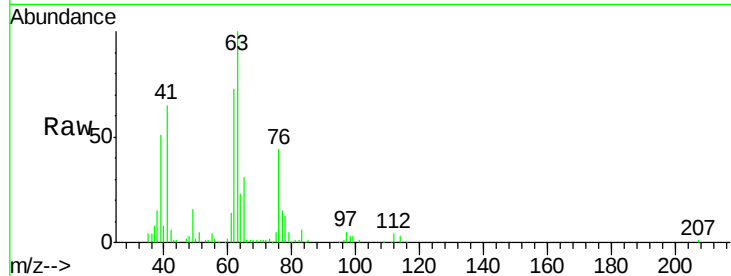




#45
 1,2-Dichloropropane
 Concen: 21.635 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

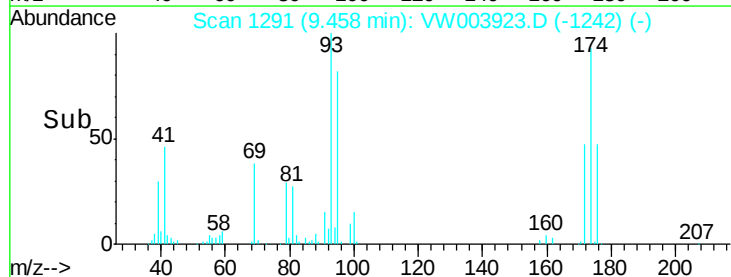
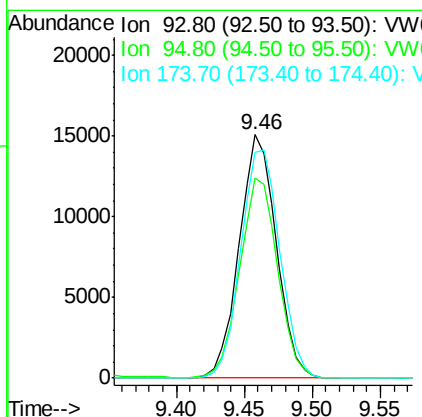
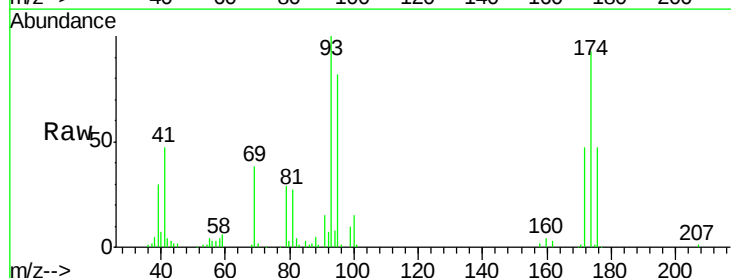
Instrument :
 MSVOA_W
 ClientSampled :

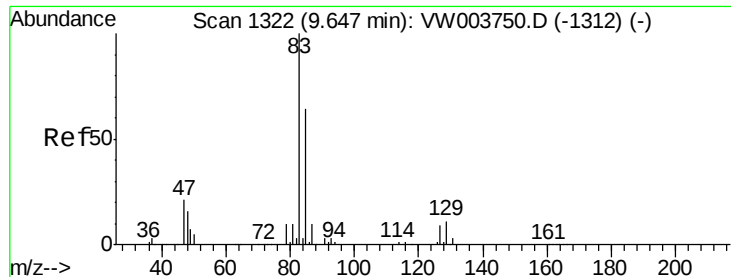
Tot Ion: 63 Resp: 57696
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.9 37.3



#46
 Dibromomethane
 Concen: 20.504 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion: 93 Resp: 28752
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.2 100.8
 174 99.1 78.1 117.1





#47

Bromodichloromethane

Concen: 20.943 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampled :

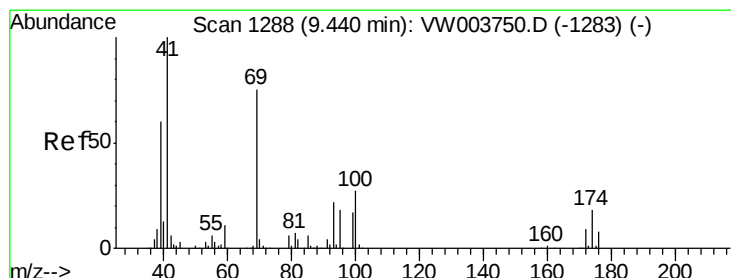
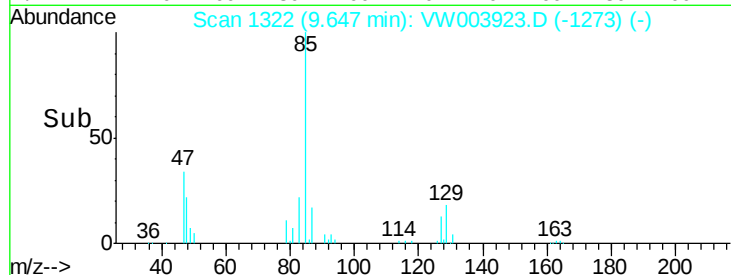
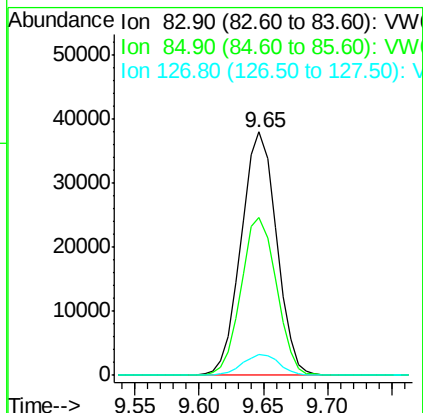
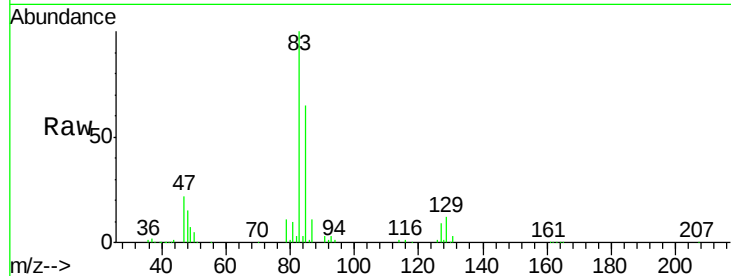
Tot Ion: 83 Resp: 72246

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

127 8.5 6.8 10.2



#48

Methyl methacrylate

Concen: 19.934 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

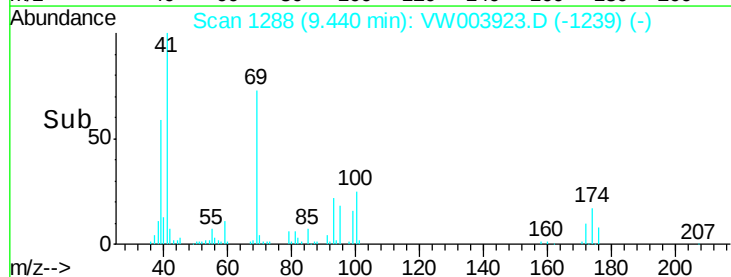
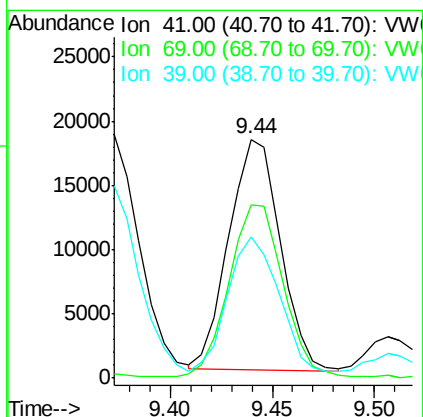
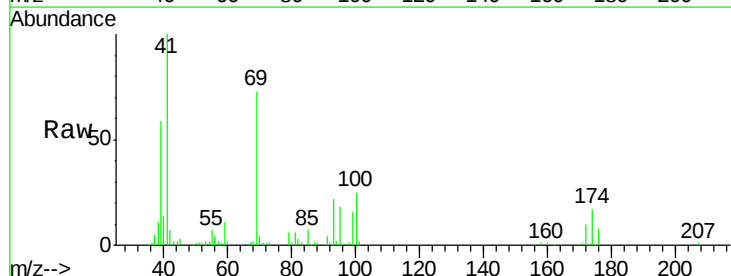
Tgt Ion: 41 Resp: 31408

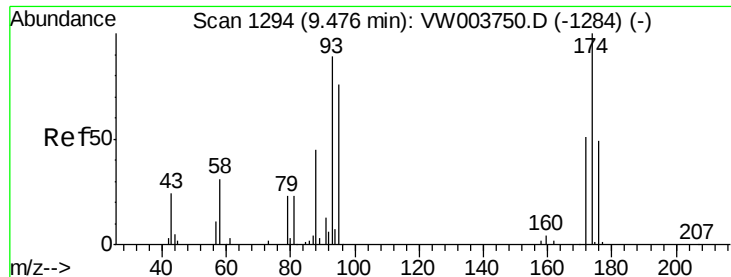
Ion Ratio Lower Upper

41 100

69 79.7 63.8 95.8

39 63.5 50.2 75.2

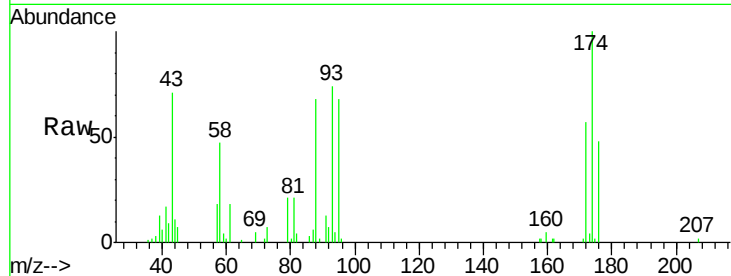




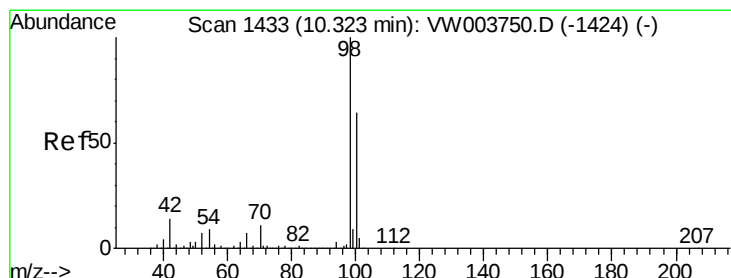
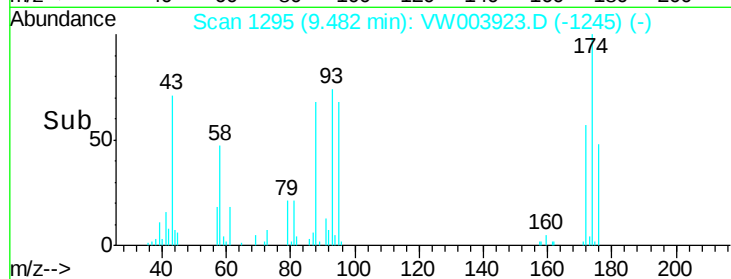
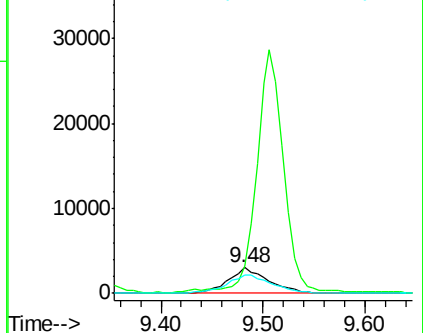
#49
1,4-Dioxane
Concen: 391.319 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 8201
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 79.1 59.7 89.5

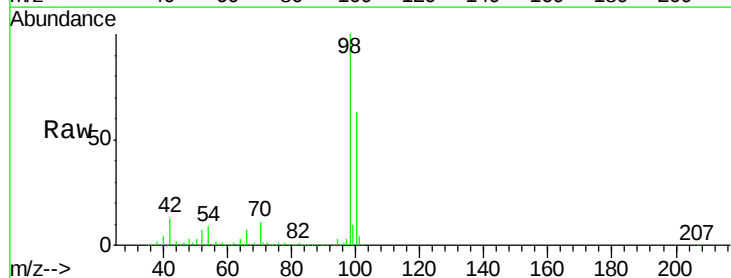


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

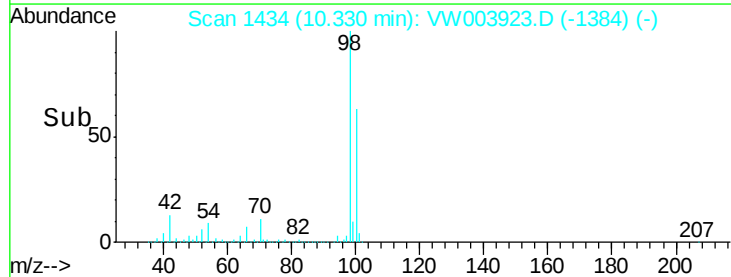
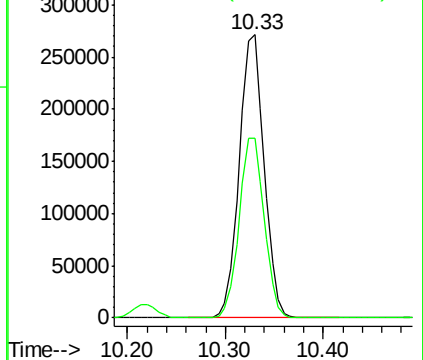


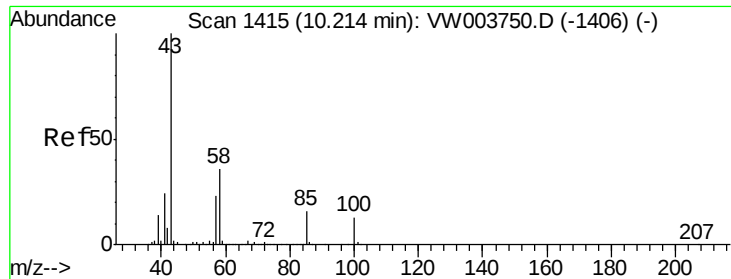
#50
Toluene-d8
Concen: 52.827 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 98 Resp: 478195
Ion Ratio Lower Upper
98 100
100 64.1 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: 100.646 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

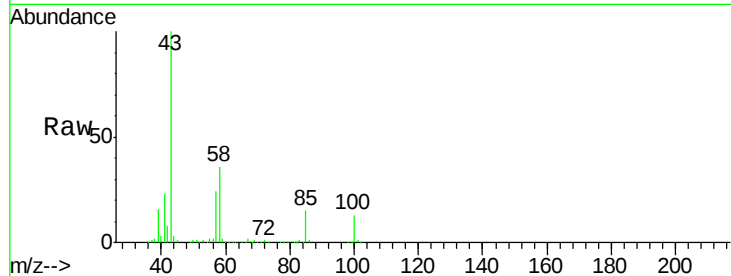
ClientSampleId :

Tot Ion: 43 Resp: 172308

Ion Ratio Lower Upper

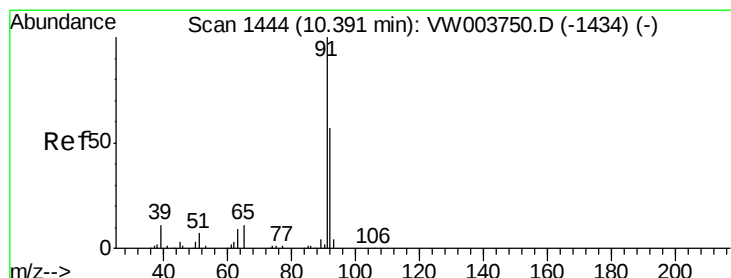
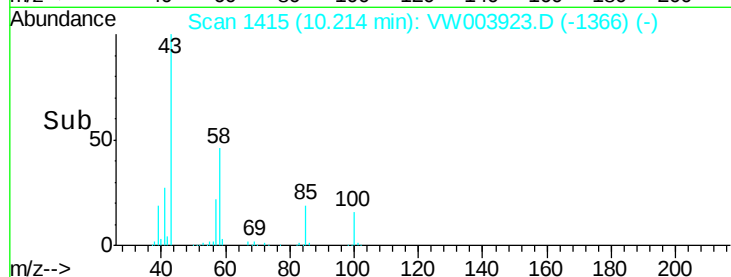
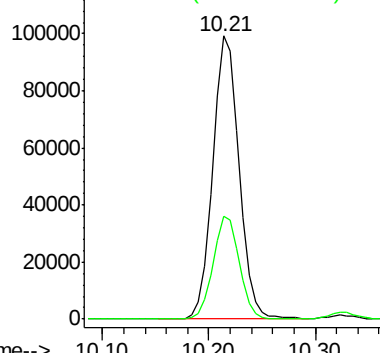
43 100

58 36.3 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 23.057 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003923.D

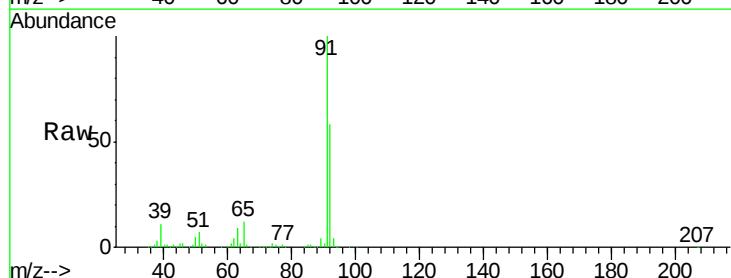
Acq: 13 Jul 2018 18:54

Tgt Ion: 92 Resp: 146639

Ion Ratio Lower Upper

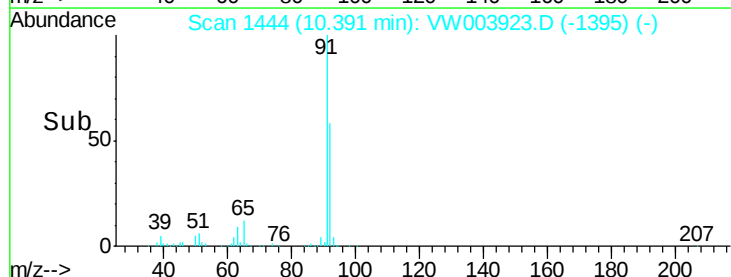
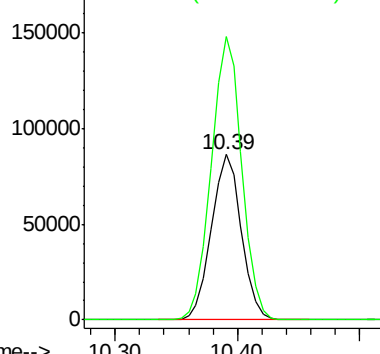
92 100

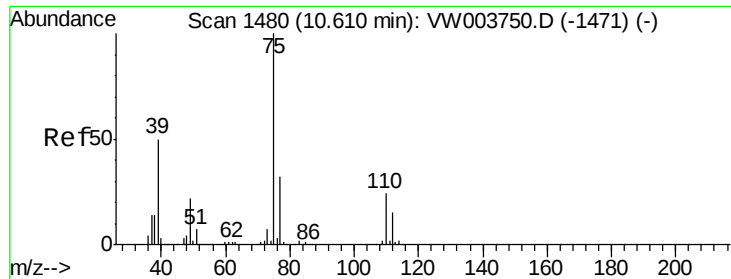
91 173.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 21.538 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

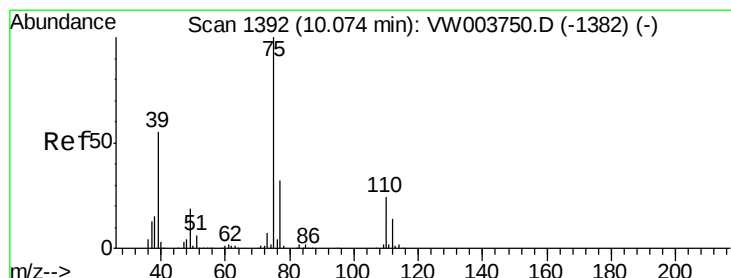
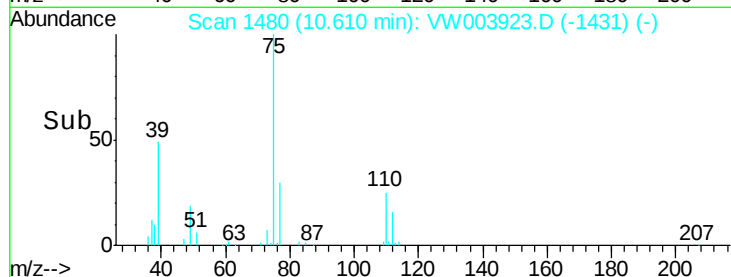
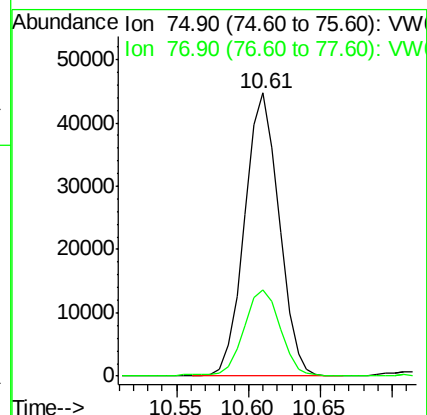
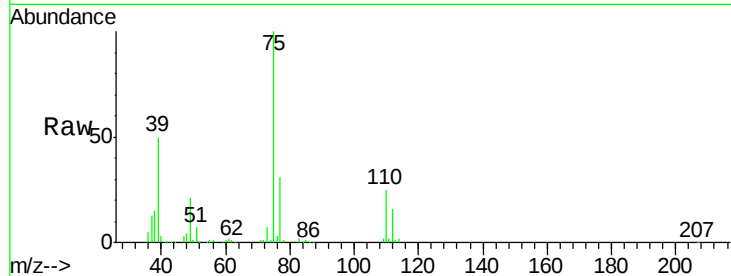
ClientSampled :

Tot Ion: 75 Resp: 74184

Ion Ratio Lower Upper

75 100

77 30.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 22.196 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

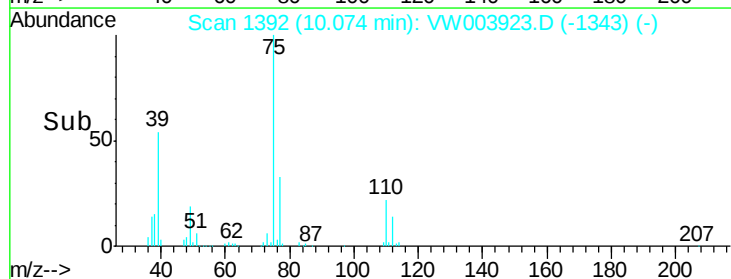
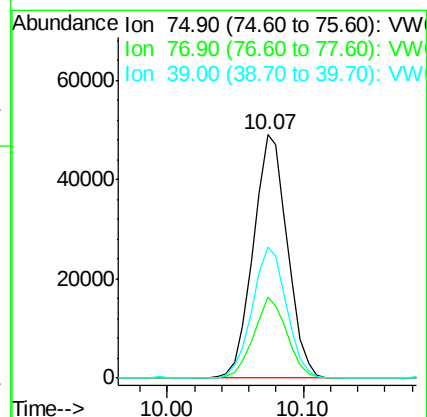
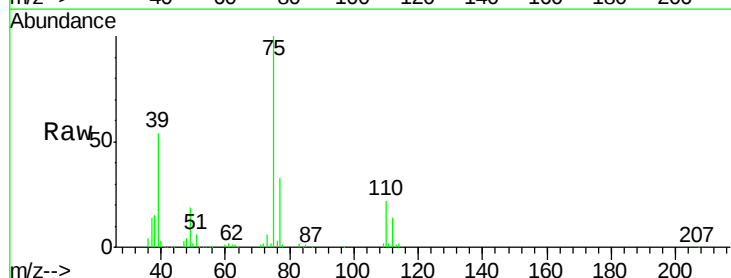
Tgt Ion: 75 Resp: 86300

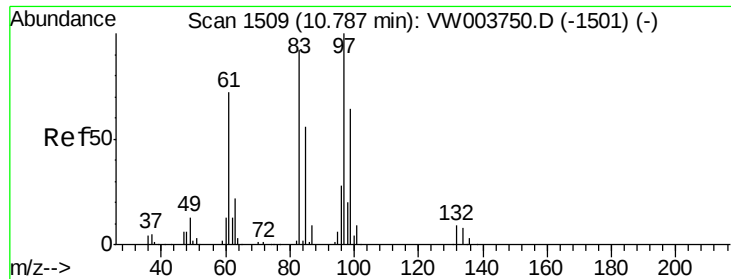
Ion Ratio Lower Upper

75 100

77 33.1 25.6 38.4

39 53.8 43.6 65.4

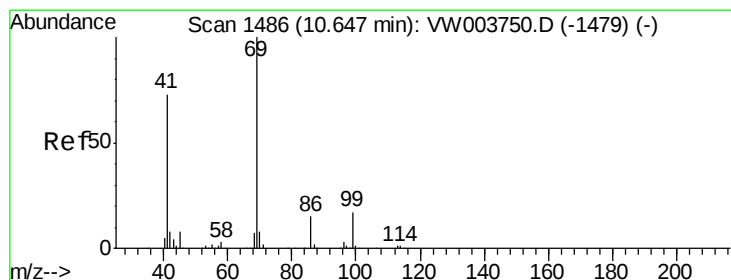
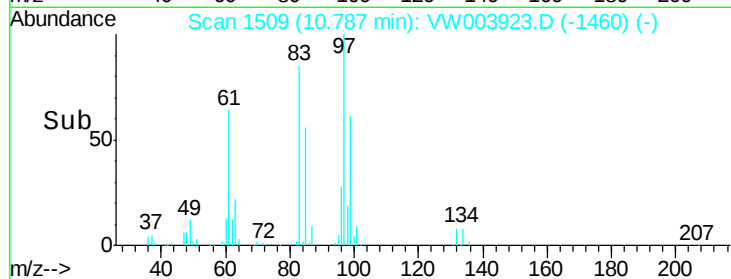
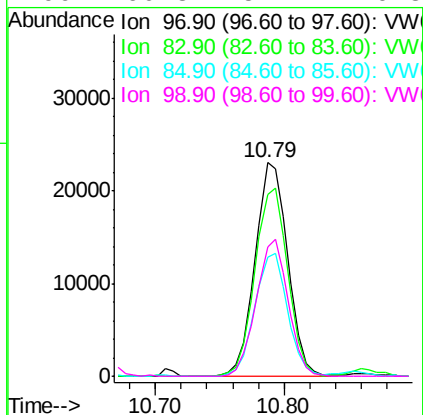
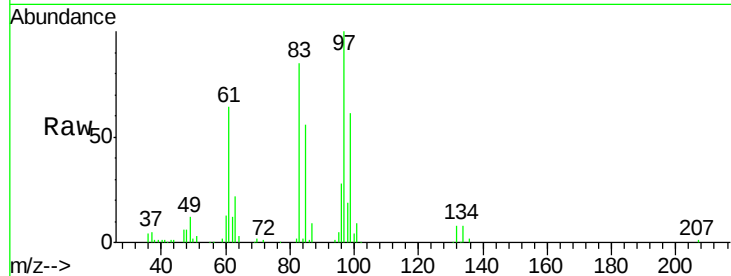




#55
 1,1,2-Trichloroethane
 Concen: 20.682 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

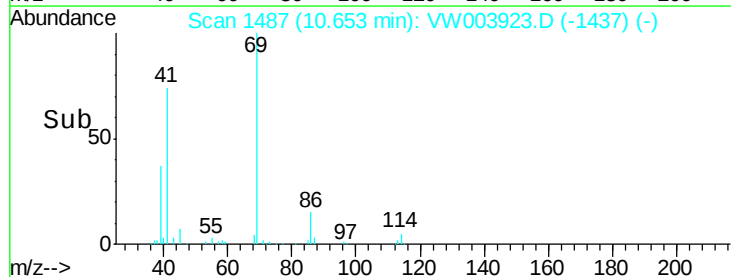
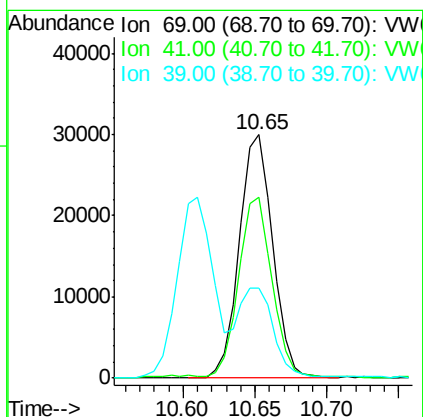
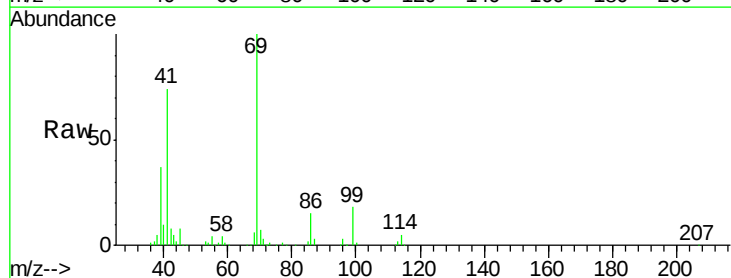
Instrument :
 MSVOA_W
 ClientSampleId :

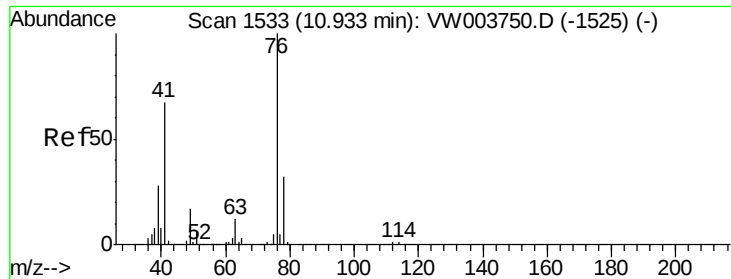
Tot Ion:	97	Resp:	40279
Ion	Ratio	Lower	Upper
97	100		
83	85.4	73.8	110.6
85	55.7	45.0	67.4
99	60.8	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 20.349 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion:	69	Resp:	48361
Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.0	88.4
39	35.6	32.8	49.2

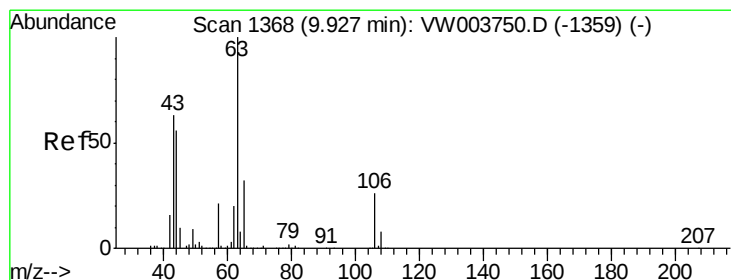
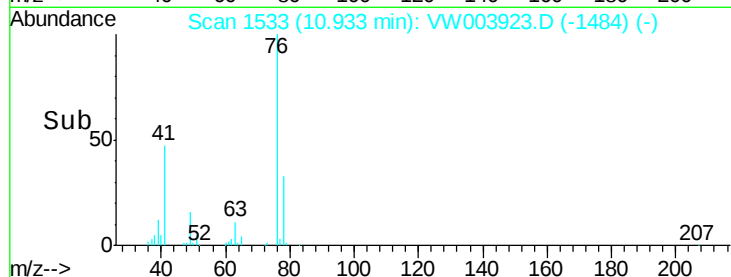
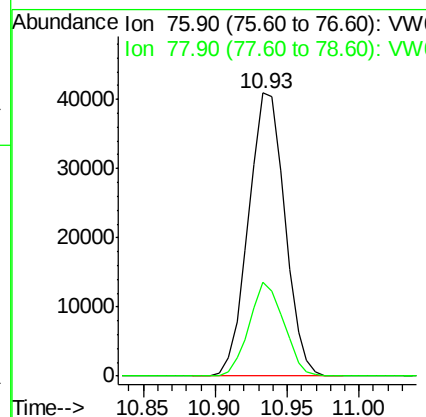
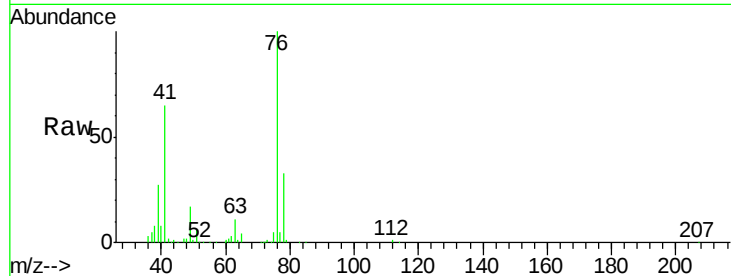




#57
 1,3-Dichloropropane
 Concen: 21.100 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

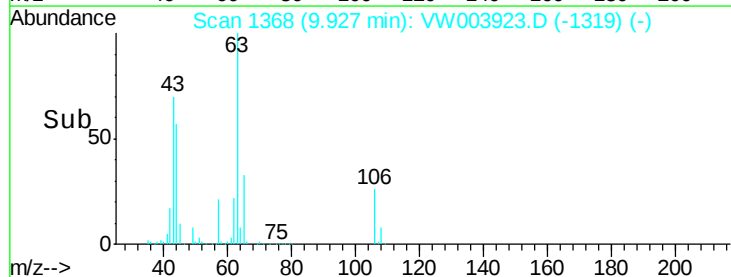
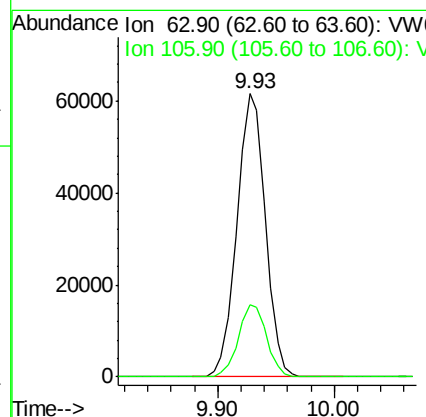
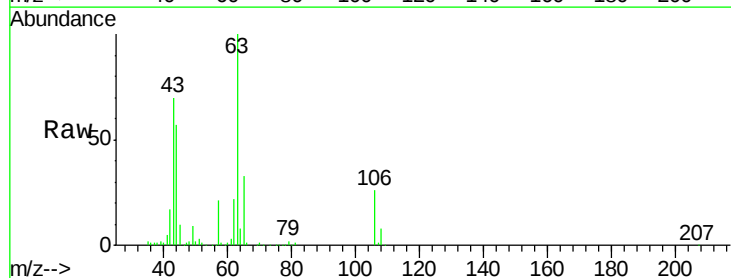
Instrument :
 MSVOA_W
 ClientSampled :

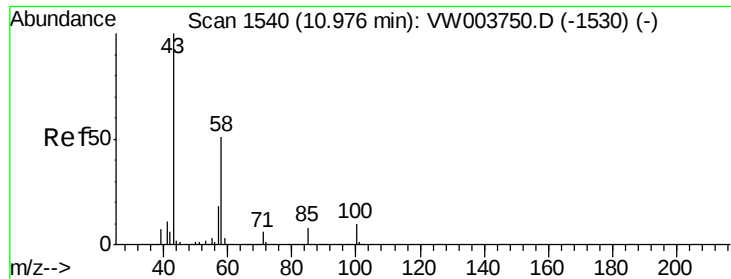
Tot Ion: 76 Resp: 71624
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.506 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion: 63 Resp: 104797
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.9 31.3

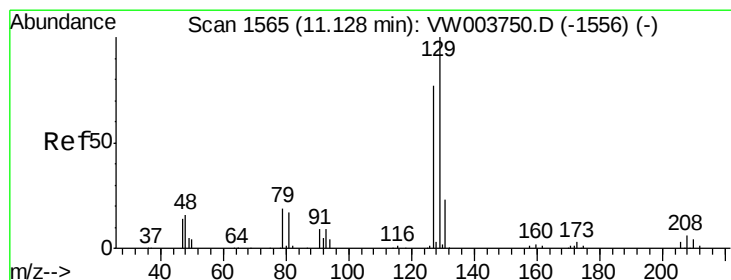
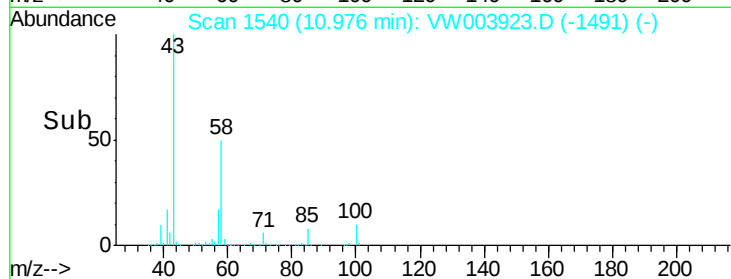
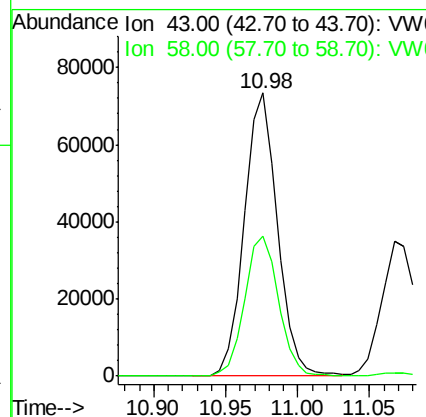
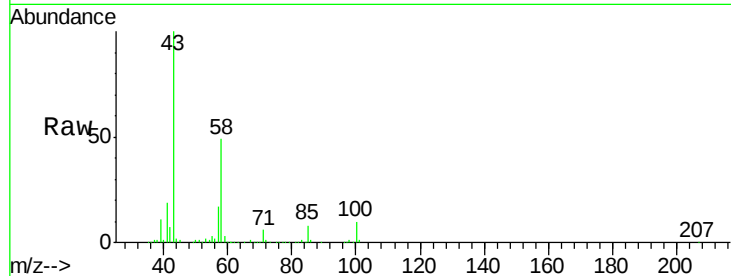




#59
2-Hexanone
Concen: 99.386 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

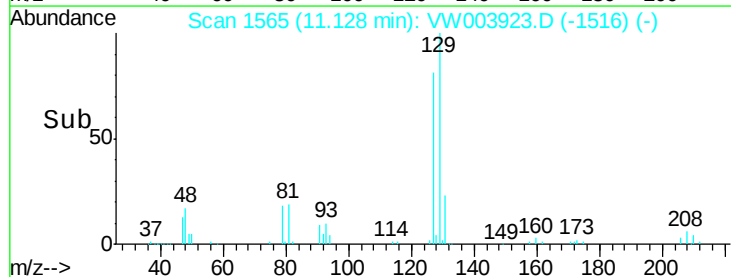
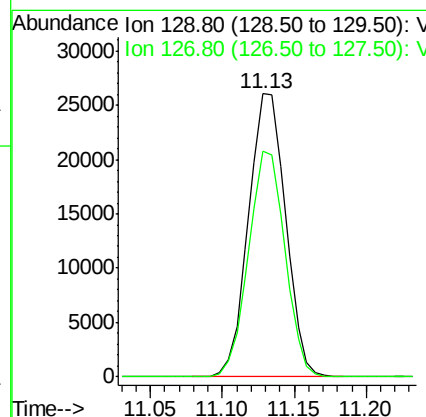
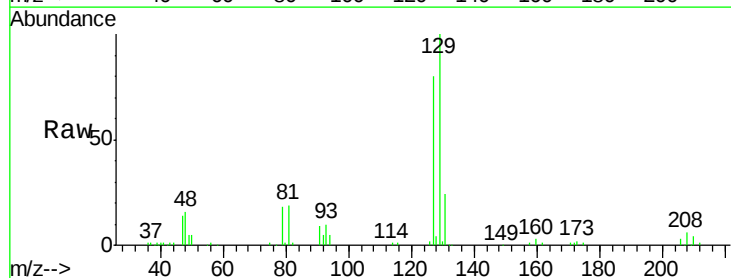
Instrument :
MSVOA_W
ClientSampled :

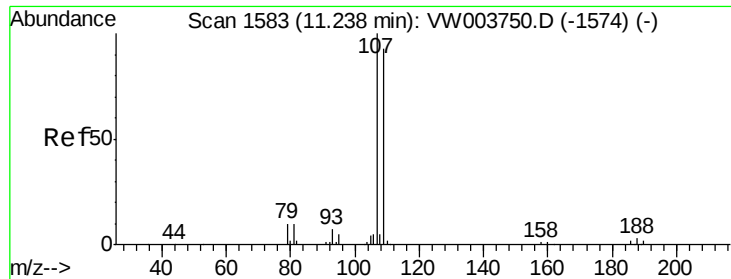
Tot Ion: 43 Resp: 116840
Ion Ratio Lower Upper
43 100
58 50.5 25.4 76.2



#60
Dibromochloromethane
Concen: 20.408 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 129 Resp: 46395
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6

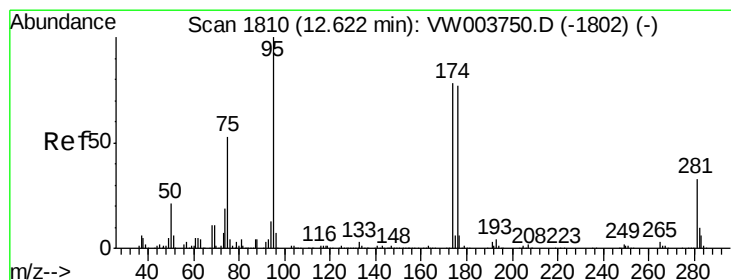
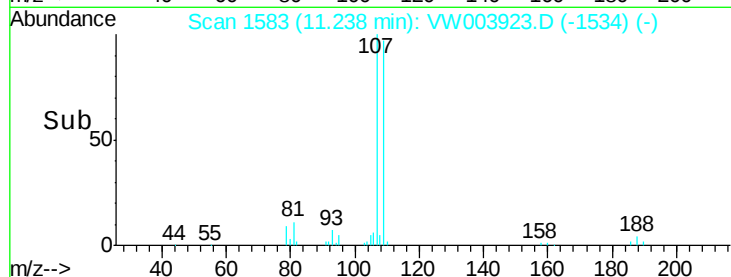
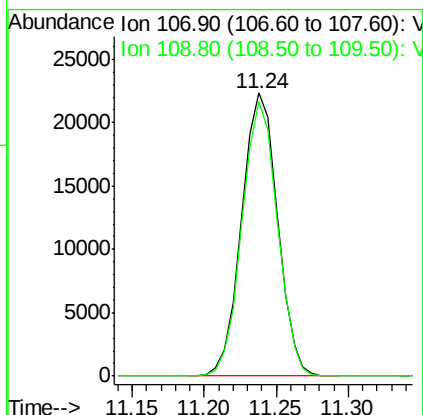
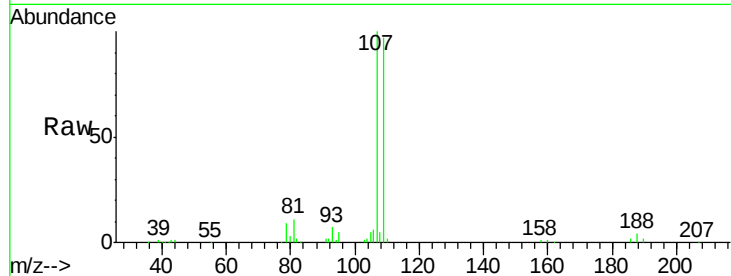




#61
 1,2-Dibromoethane
 Concen: 20.717 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

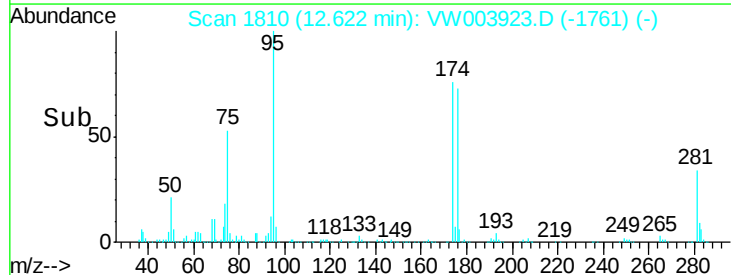
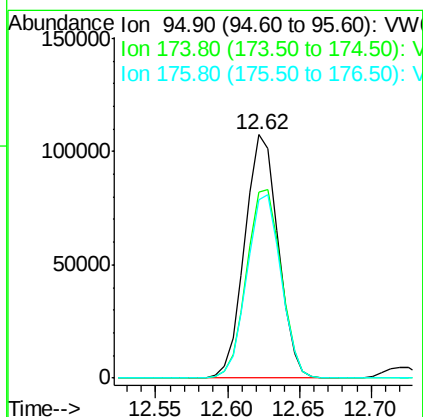
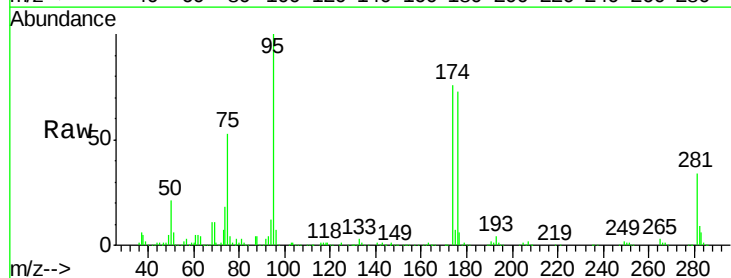
Instrument :
 MSVOA_W
 ClientSampleId :

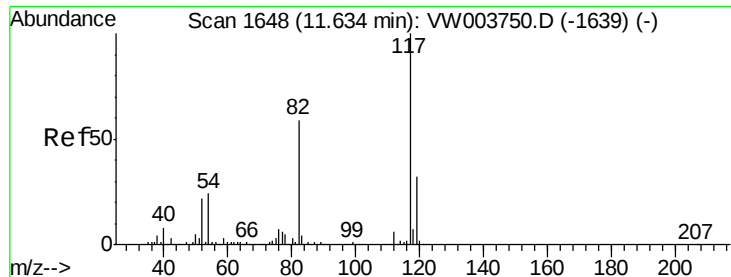
Tot Ion: 107 Resp: 38584
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.557 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion: 95 Resp: 172135
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 163.4
 176 76.9 0.0 156.8

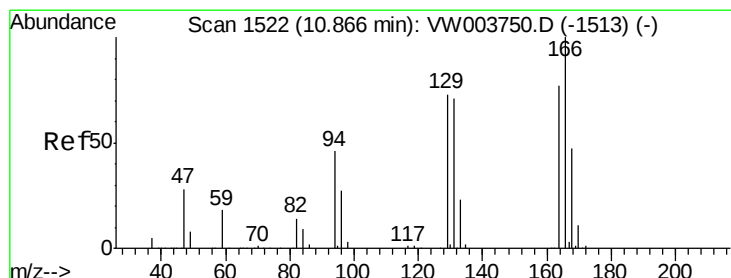
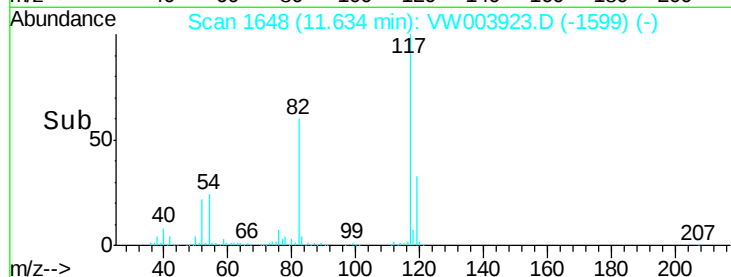
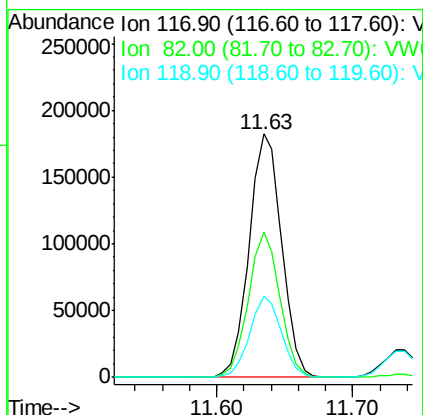
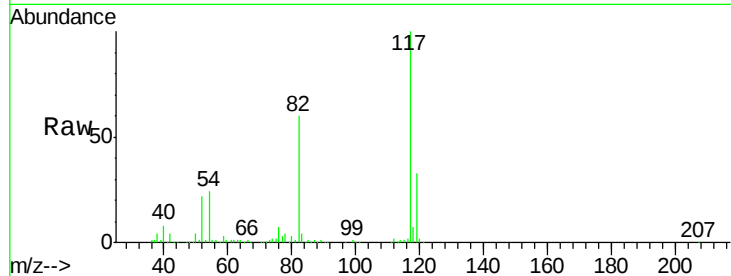




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

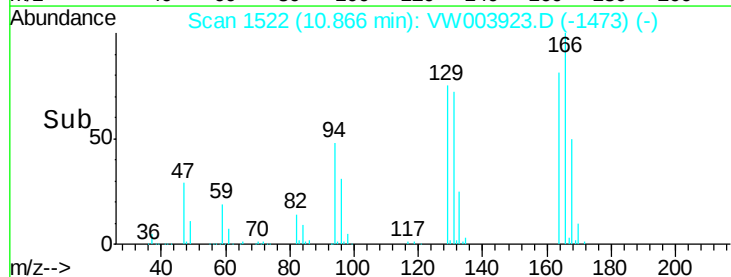
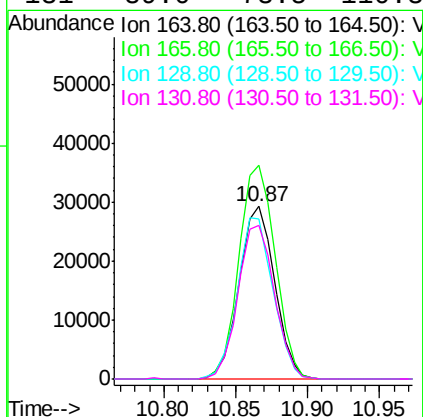
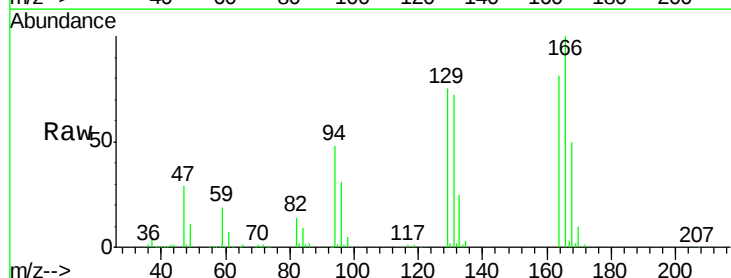
Instrument :
MSVOA_W
ClientSampleId :

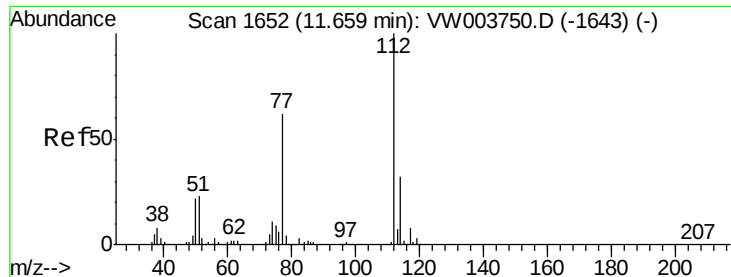
Tot Ion:117 Resp: 305912
Ion Ratio Lower Upper
117 100
82 59.5 46.9 70.3
119 33.4 25.5 38.3



#64
Tetrachloroethene
Concen: 22.253 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion:164 Resp: 50354
Ion Ratio Lower Upper
164 100
166 123.6 104.2 156.4
129 92.4 75.8 113.8
131 89.0 73.5 110.3

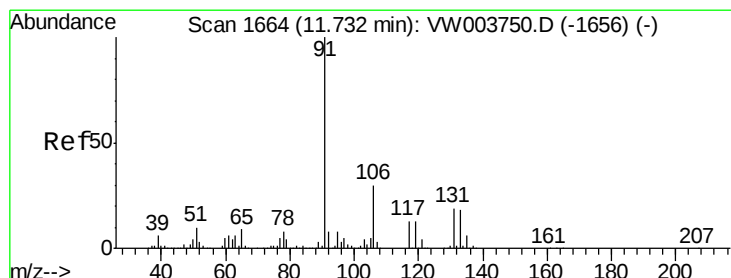
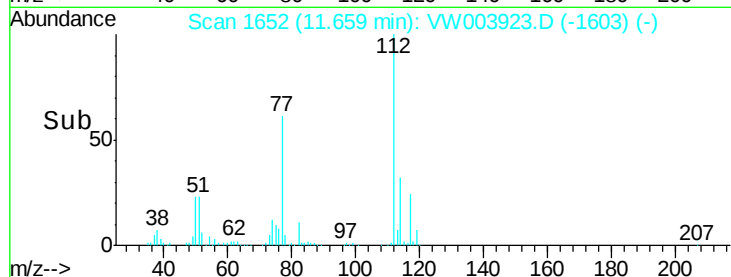
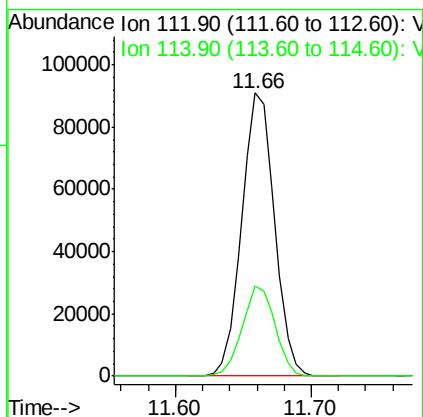
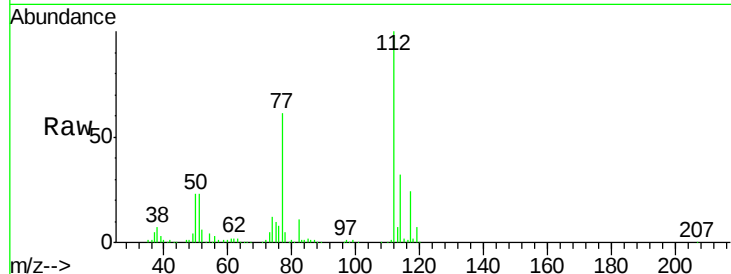




#65
Chlorobenzene
Concen: 22.652 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

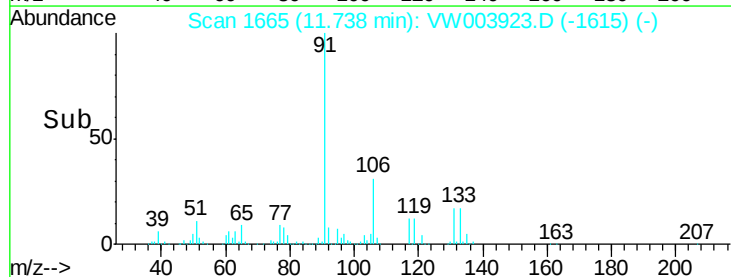
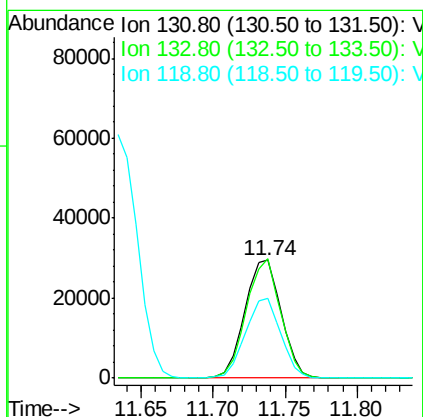
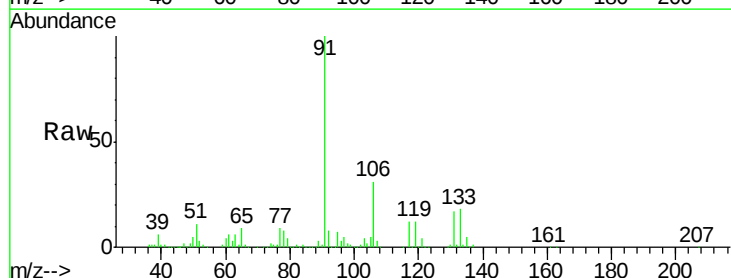
Instrument :
MSVOA_W
ClientSampled :

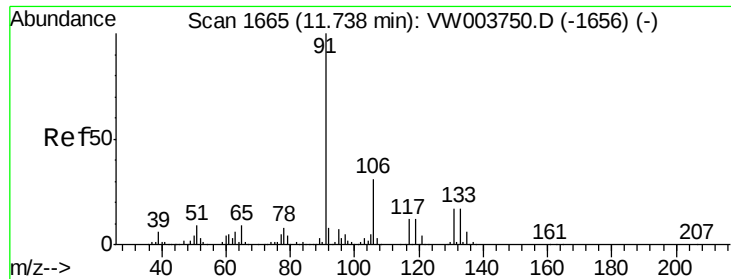
Tot Ion:112 Resp: 152762
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.824 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion:131 Resp: 51431
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.2
119 65.6 33.2 99.6

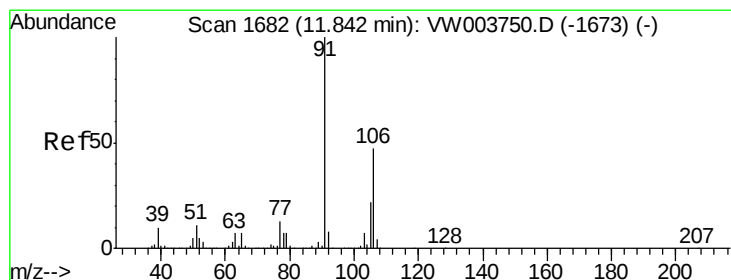
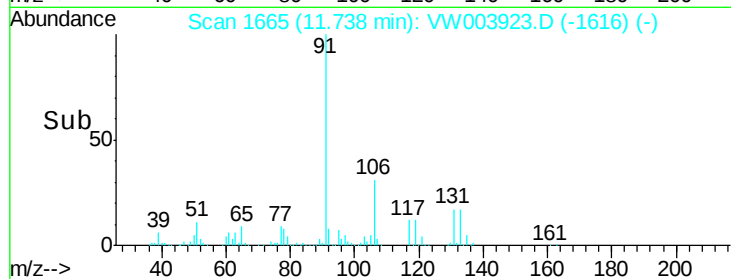
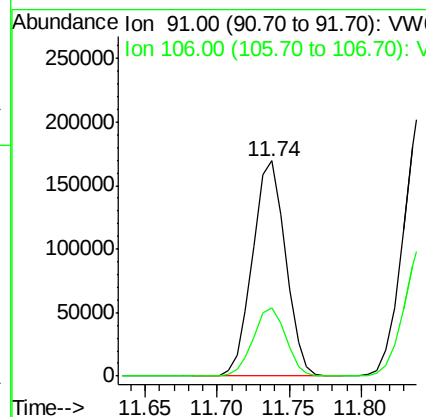
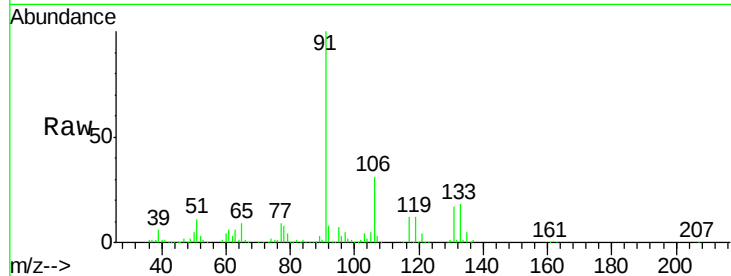




#67
Ethyl Benzene
Concen: 23.279 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

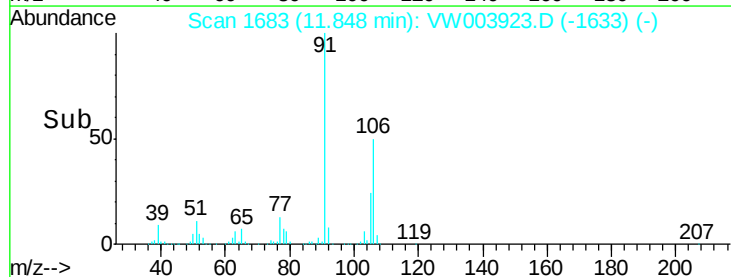
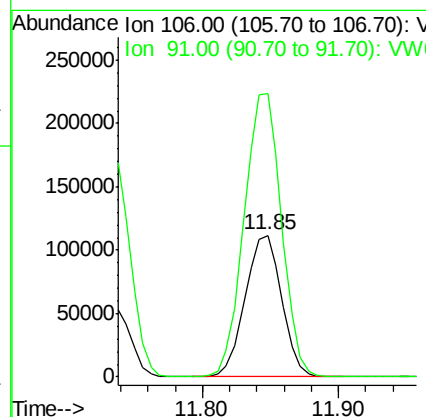
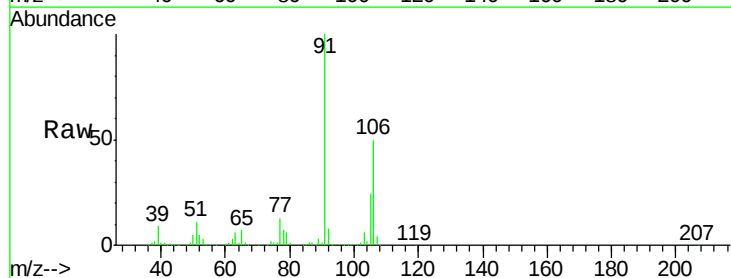
Instrument :
MSVOA_W
ClientSampled :

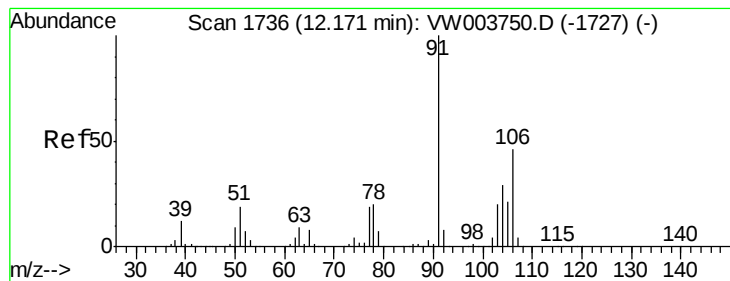
Tot Ion: 91 Resp: 268439
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0



#68
m/p-Xylenes
Concen: 47.537 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 106 Resp: 209908
Ion Ratio Lower Upper
106 100
91 204.4 164.3 246.5





#69

o-Xylene

Concen: 23.617 ug/l

RT: 12.17 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

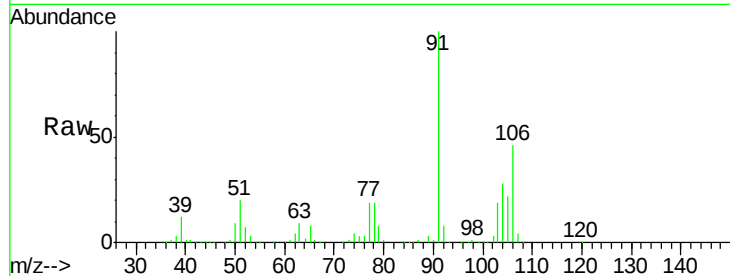
ClientSampled :

Tot Ion:106 Resp: 96227

Ion Ratio Lower Upper

106 100

91 217.6 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

150000

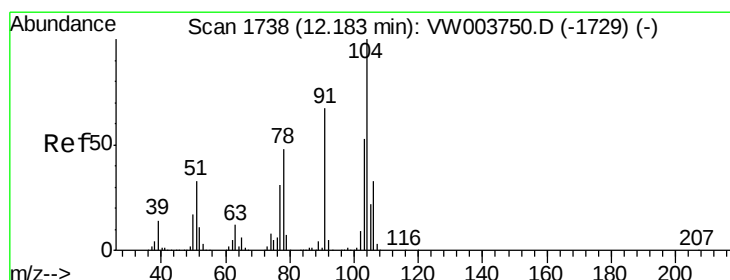
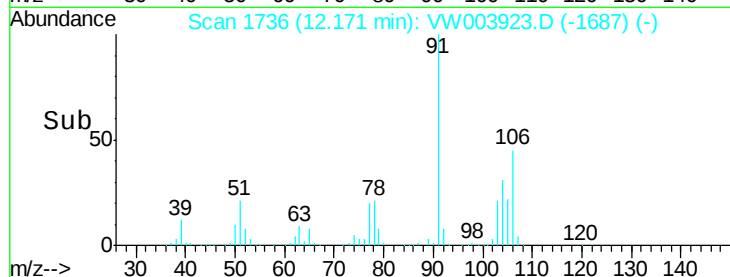
100000

50000

0

12.10 12.15 12.20 12.25

Time-->



#70

Styrene

Concen: 23.025 ug/l

RT: 12.19 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

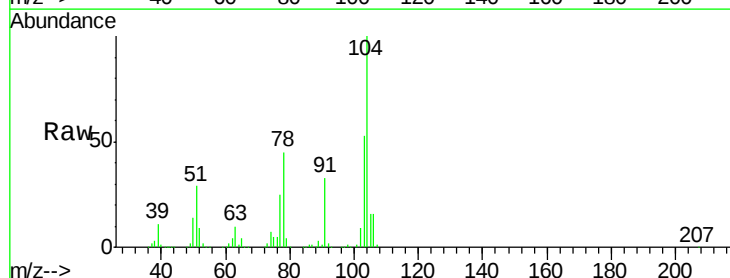
Tgt Ion:104 Resp: 159530

Ion Ratio Lower Upper

104 100

78 52.2 41.1 61.7

103 56.7 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V

120000

100000

80000

60000

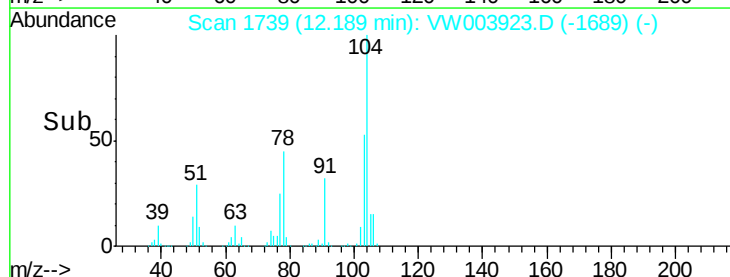
40000

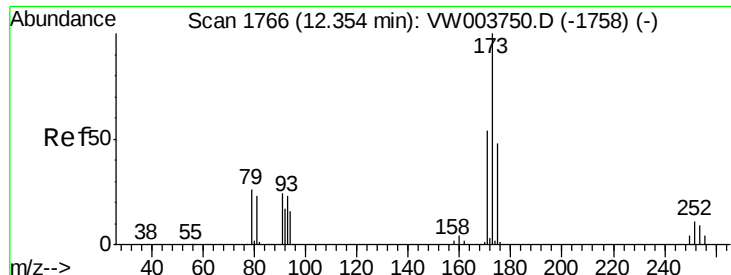
20000

0

12.10 12.20

Time-->





#71

Bromoform

Concen: 20.897 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampled :

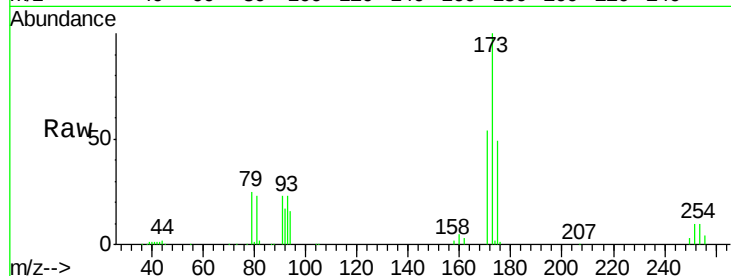
Tot Ion:173 Resp: 27177

Ion Ratio Lower Upper

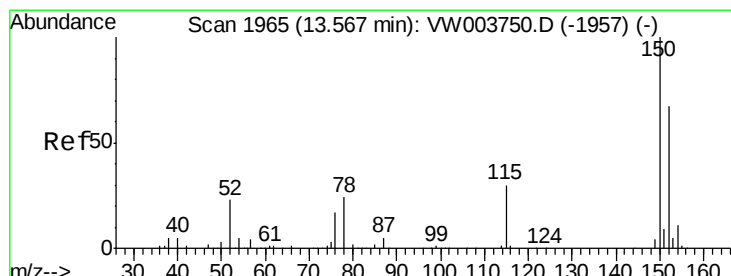
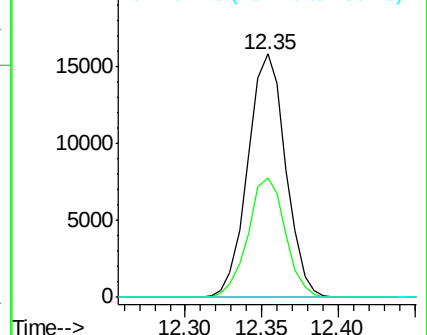
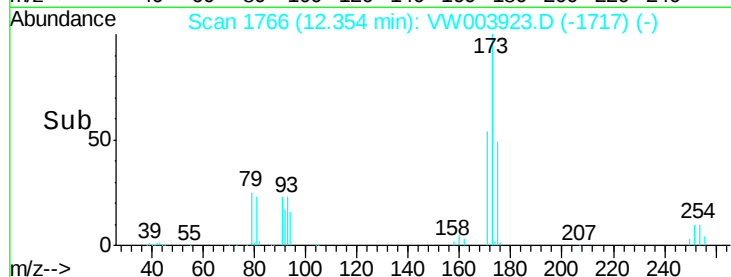
173 100

175 48.5 24.1 72.4

254 0.0 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: VW003923.D

Acq: 13 Jul 2018 18:54

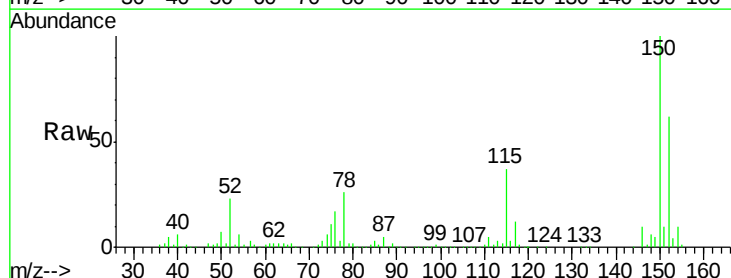
Tgt Ion:152 Resp: 164601

Ion Ratio Lower Upper

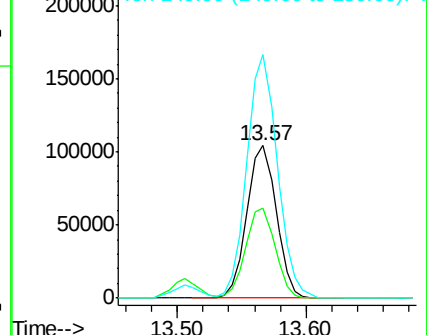
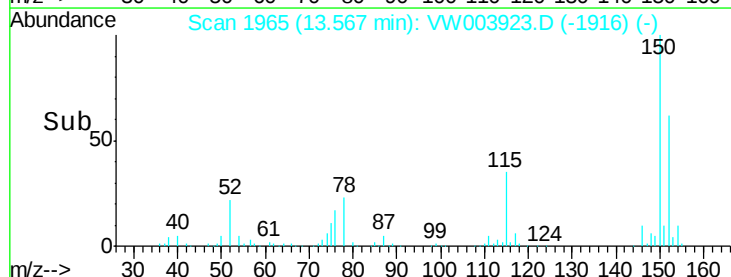
152 100

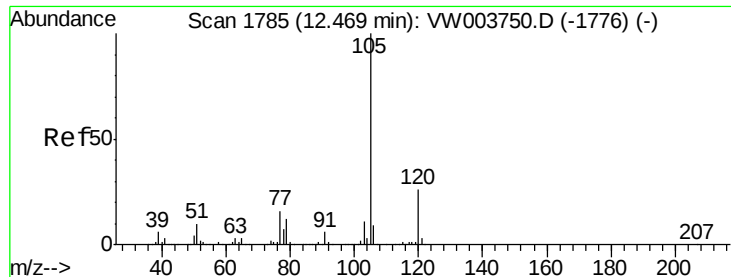
115 59.0 28.9 86.8

150 165.2 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: 24.177 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

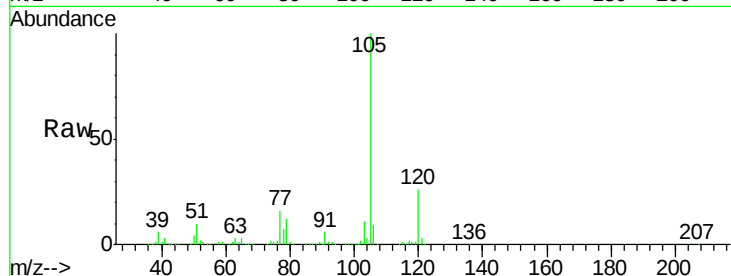
ClientSampleId :

Tot Ion:105 Resp: 269512

Ion Ratio Lower Upper

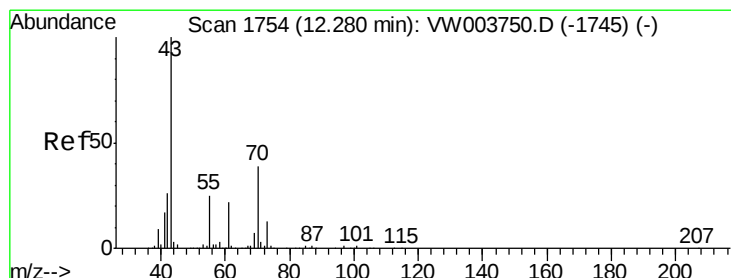
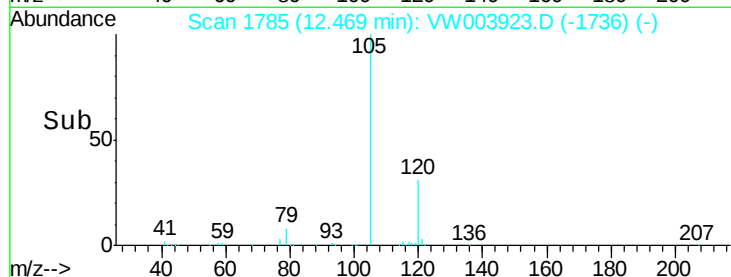
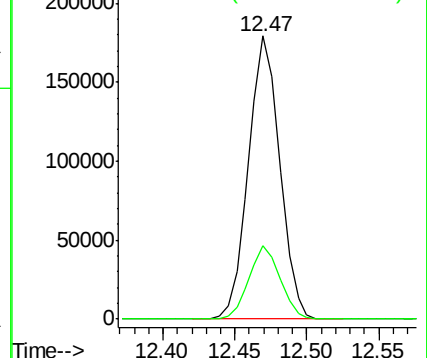
105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.808 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion: 43 Resp: 62873

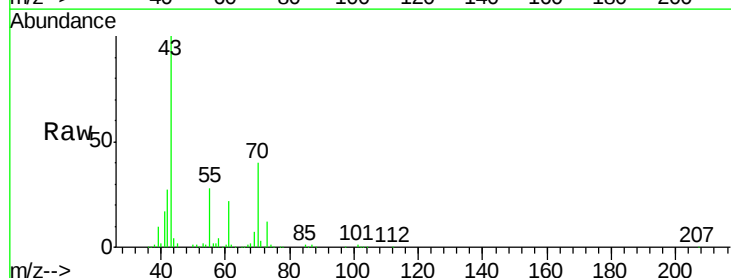
Ion Ratio Lower Upper

43 100

70 38.8 31.3 46.9

55 26.8 20.1 30.1

61 22.0 17.7 26.5

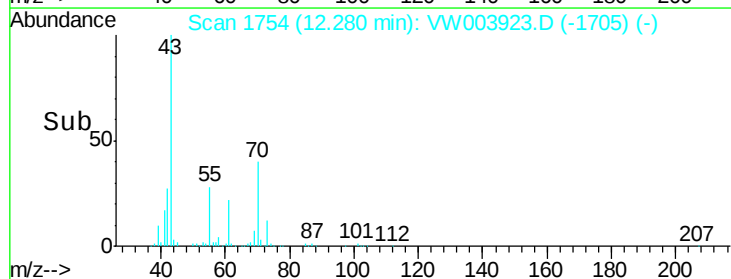
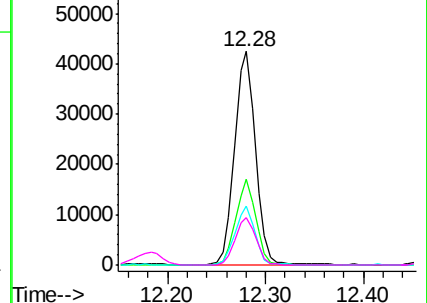


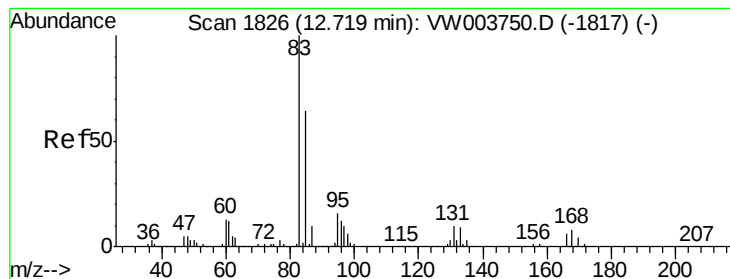
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.230 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

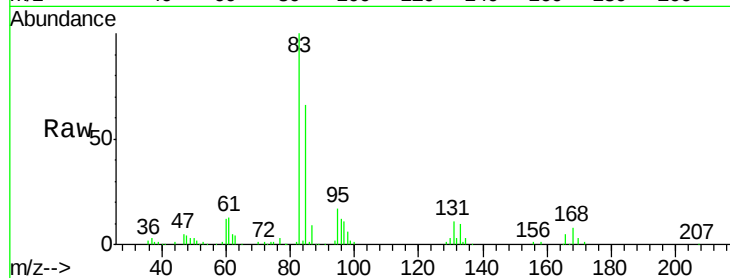
Tot Ion: 83 Resp: 47976

Ion Ratio Lower Upper

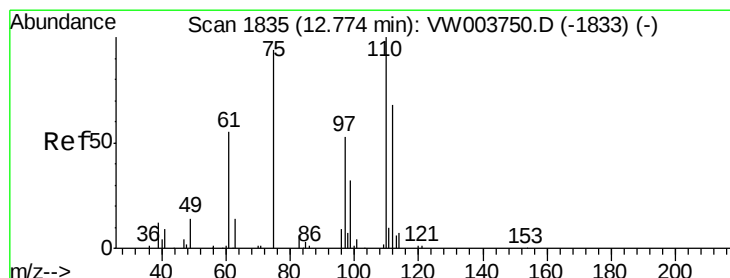
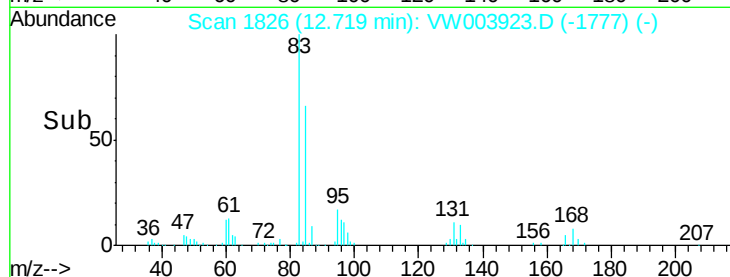
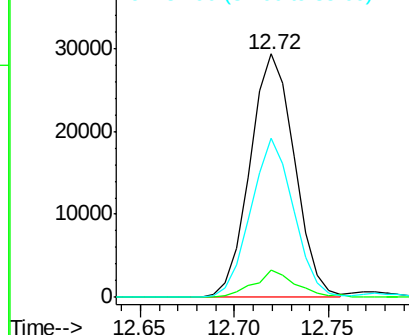
83 100

131 10.7 5.1 15.4

85 63.3 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: 39.126 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003923.D

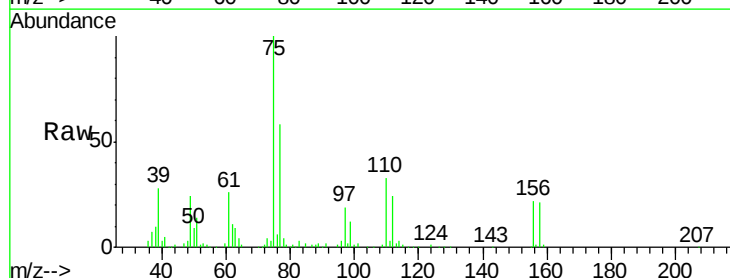
Acq: 13 Jul 2018 18:54

Tgt Ion: 75 Resp: 63241

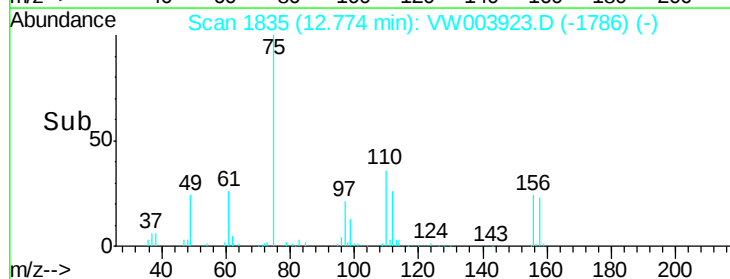
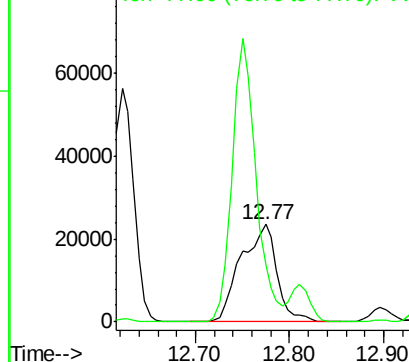
Ion Ratio Lower Upper

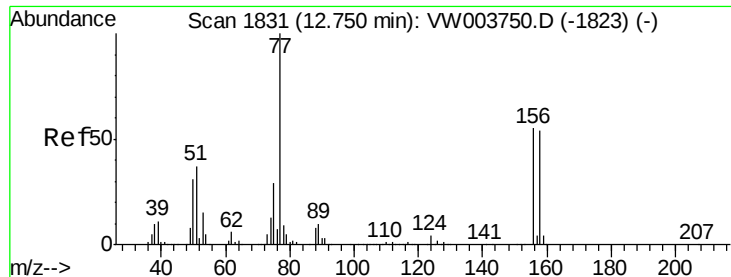
75 100

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: 22.604 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampled :

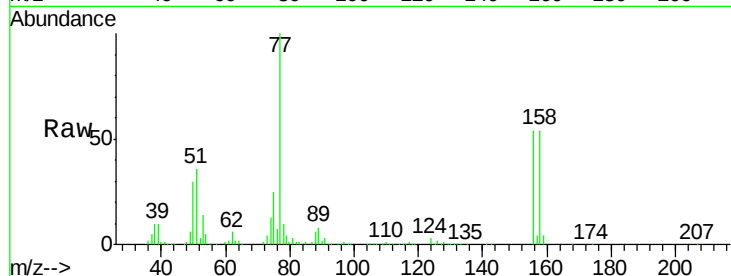
Tot Ion:156 Resp: 62555

Ion Ratio Lower Upper

156 100

77 193.7 98.7 296.0

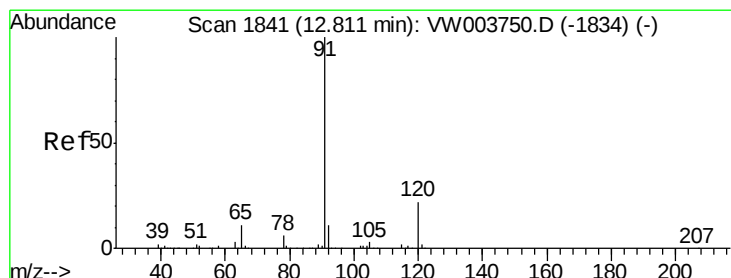
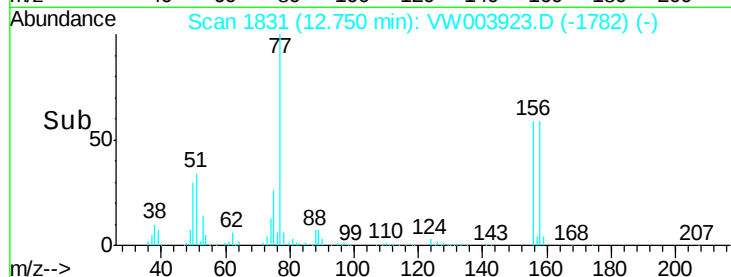
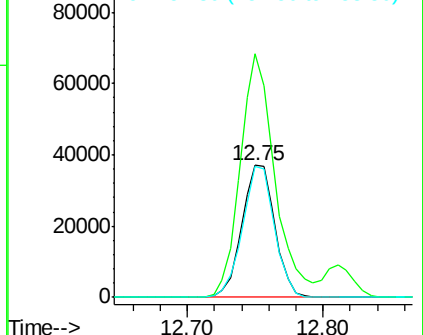
158 96.4 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 24.312 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003923.D

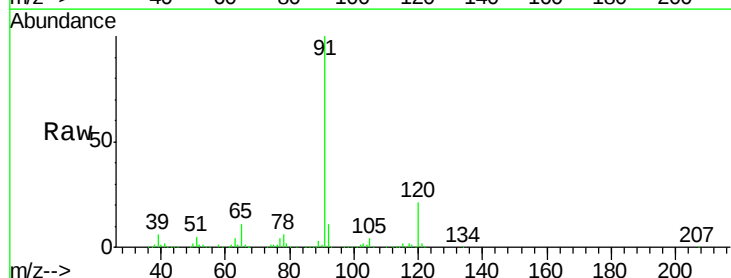
Acq: 13 Jul 2018 18:54

Tgt Ion: 91 Resp: 340206

Ion Ratio Lower Upper

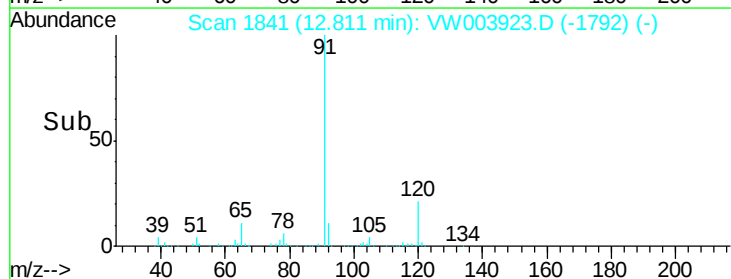
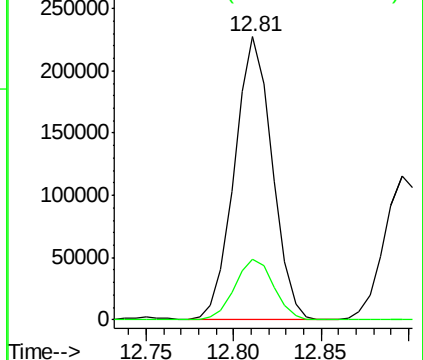
91 100

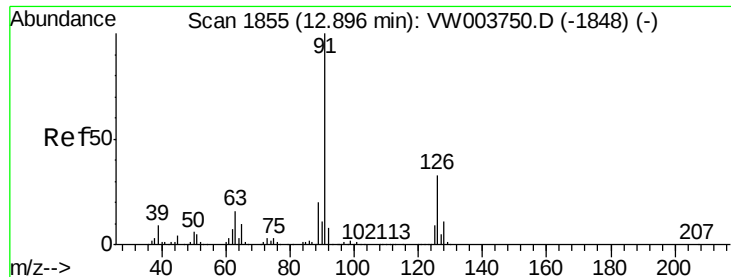
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.275 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

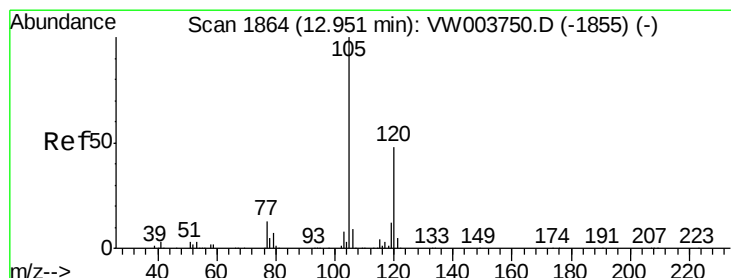
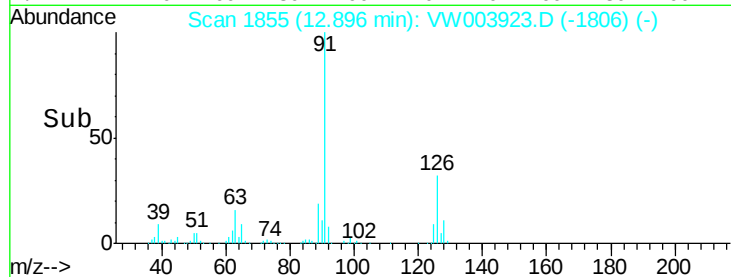
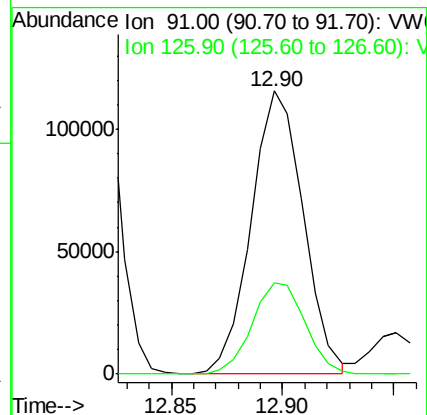
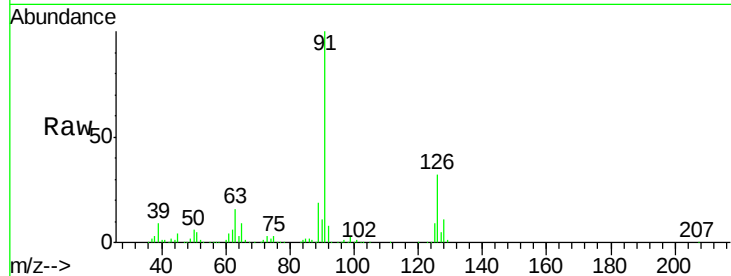
ClientSampleId :

Tot Ion: 91 Resp: 187114

Ion Ratio Lower Upper

91 100

126 33.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 23.879 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003923.D

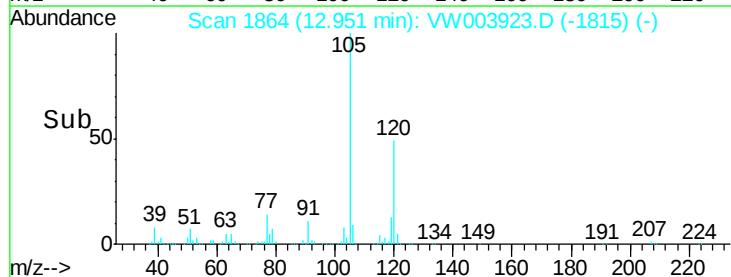
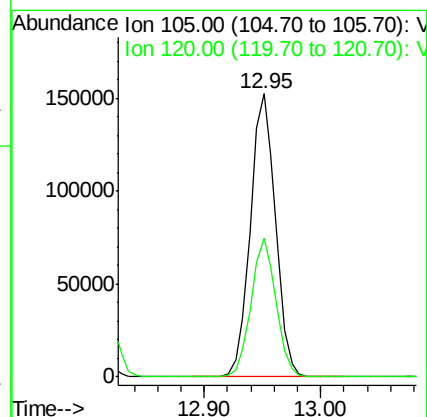
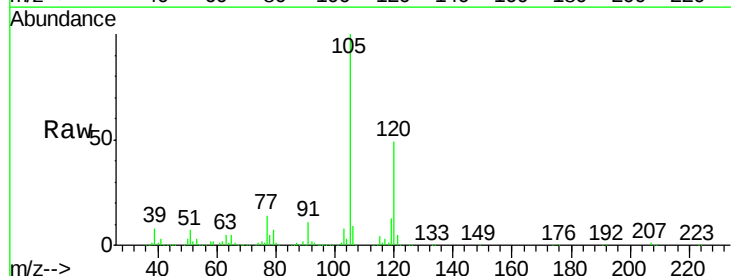
Acq: 13 Jul 2018 18:54

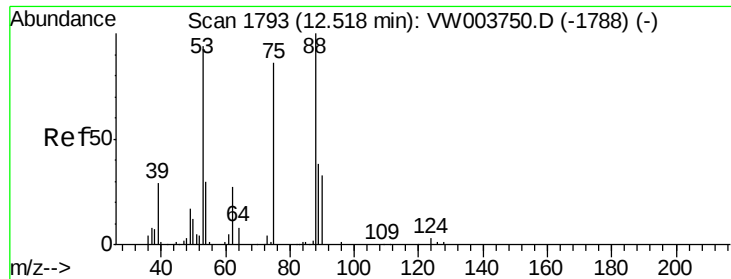
Tgt Ion:105 Resp: 229423

Ion Ratio Lower Upper

105 100

120 48.3 24.2 72.6

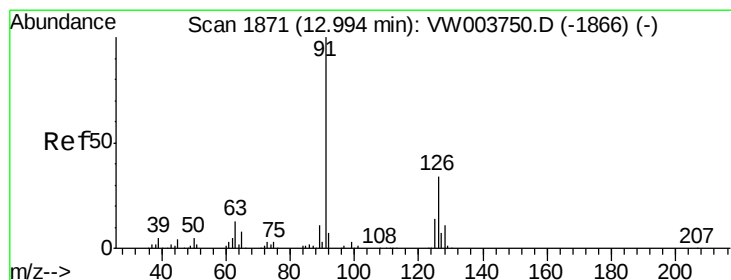
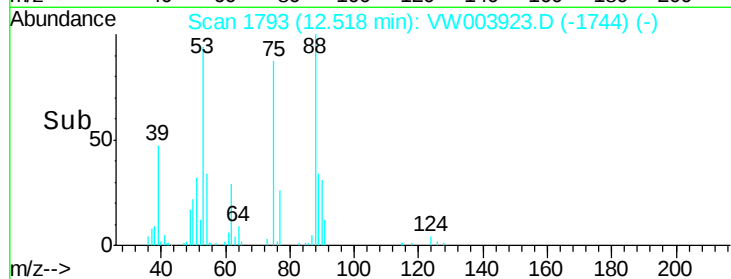
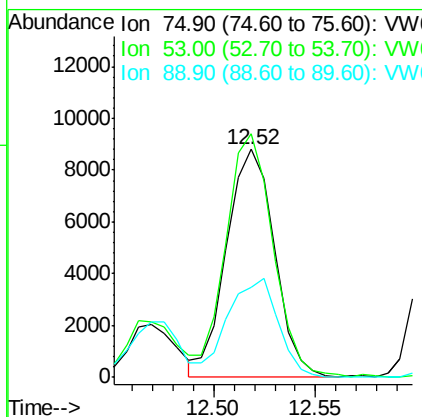
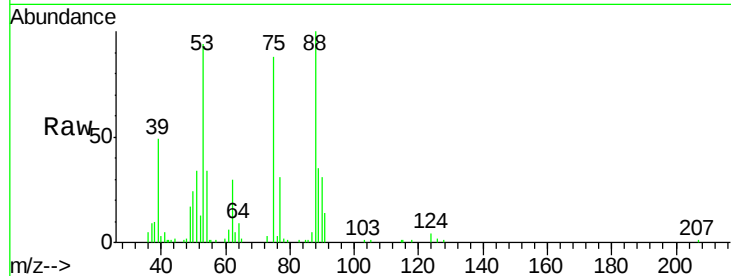




#81
trans-1,4-Dichloro-2-butene
Concen: 21.775 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

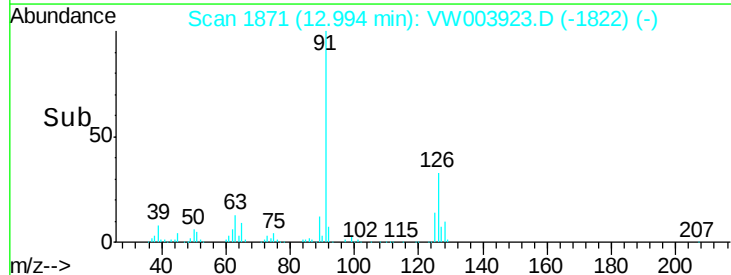
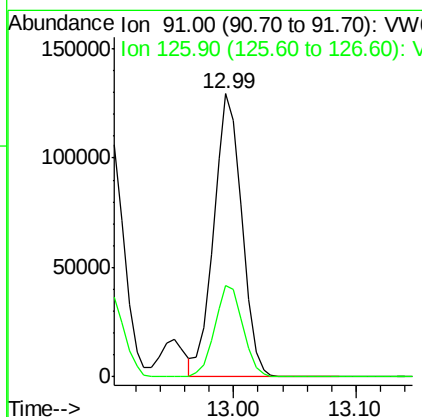
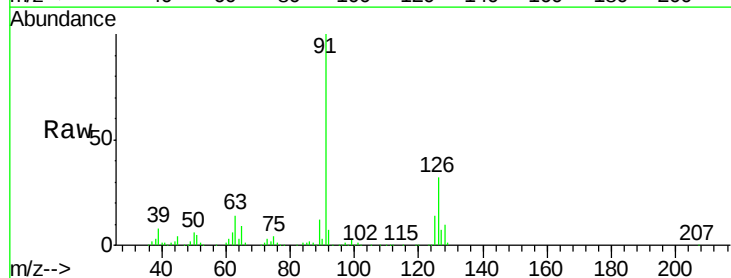
Instrument :
MSVOA_W
ClientSampled :

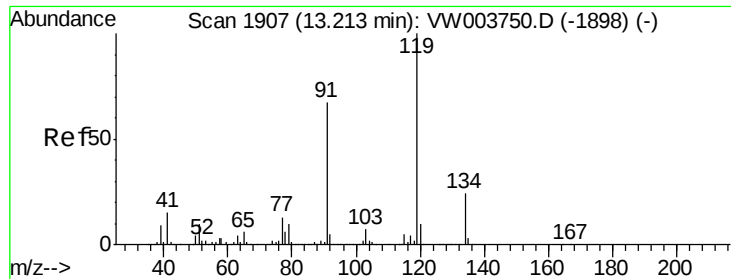
Tot Ion: 75 Resp: 14388
Ion Ratio Lower Upper
75 100
53 105.5 85.0 127.6
89 45.0 36.3 54.5



#82
4-Chlorotoluene
Concen: 23.818 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 91 Resp: 205903
Ion Ratio Lower Upper
91 100
126 32.7 16.5 49.5

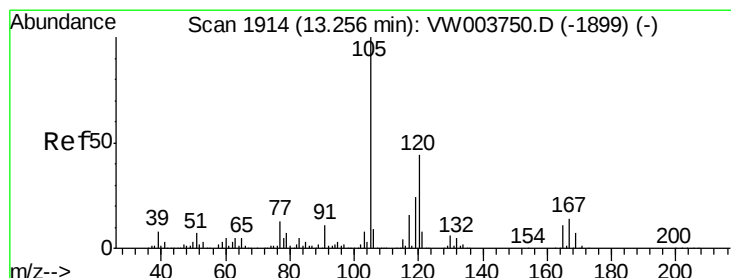
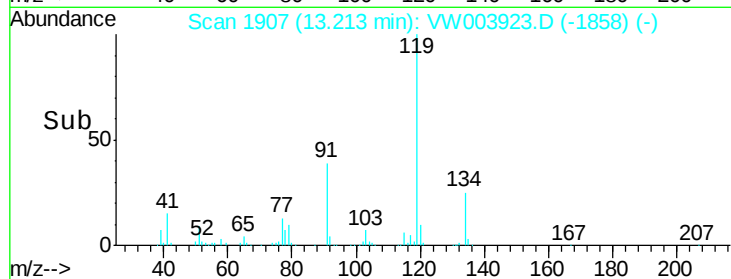
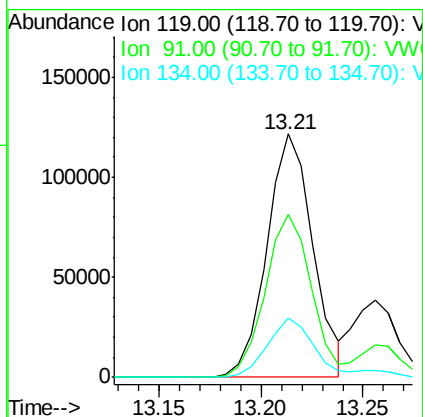
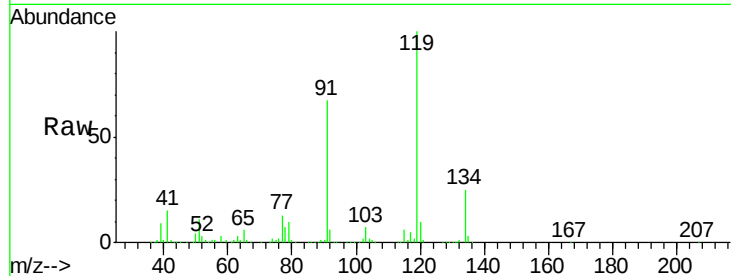




#83
tert-Butylbenzene
Concen: 24.098 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

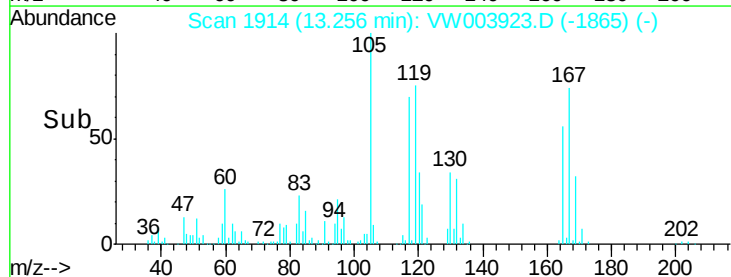
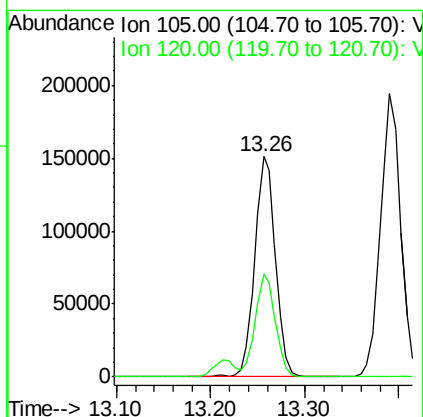
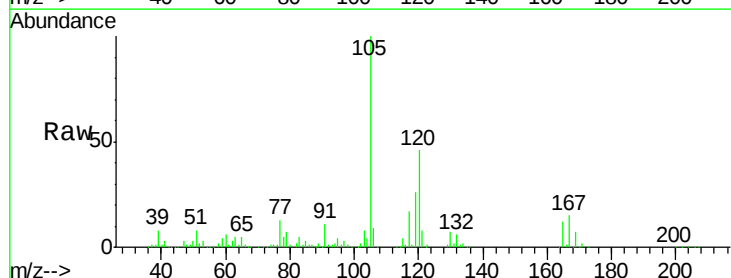
Instrument :
MSVOA_W
ClientSampleId :

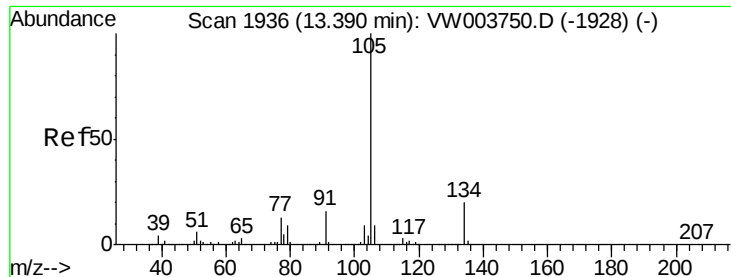
Tot Ion:119 Resp: 190940
Ion Ratio Lower Upper
119 100
91 66.7 33.0 98.9
134 26.7 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 23.610 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion:105 Resp: 235648
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 24.267 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

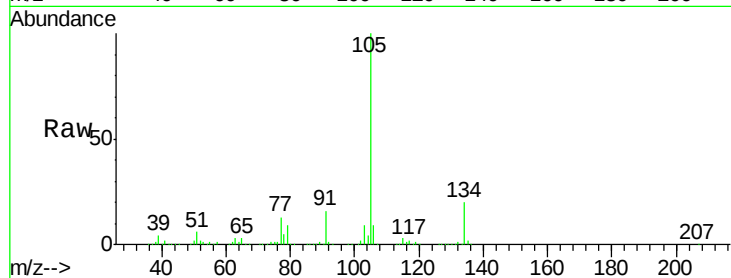
ClientSampleId :

Tot Ion:105 Resp: 287636

Ion Ratio Lower Upper

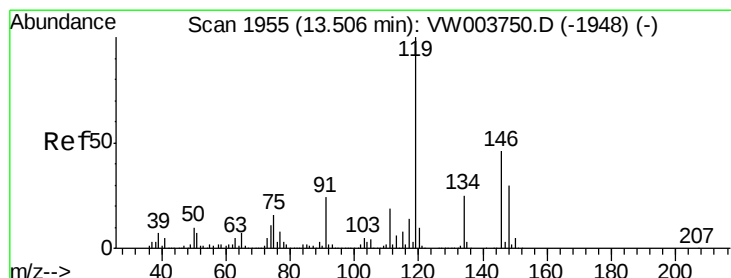
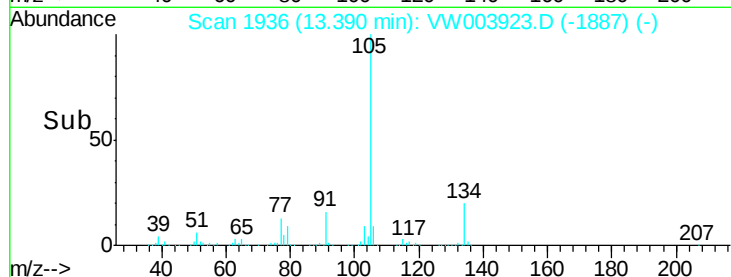
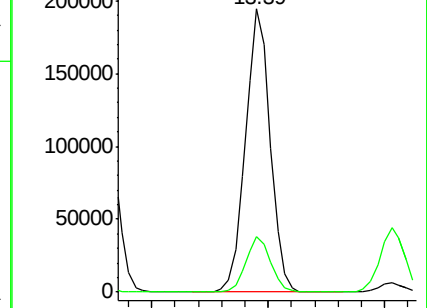
105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 24.603 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

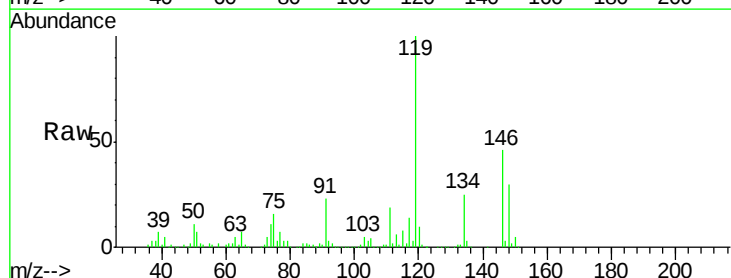
Tgt Ion:119 Resp: 254821

Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

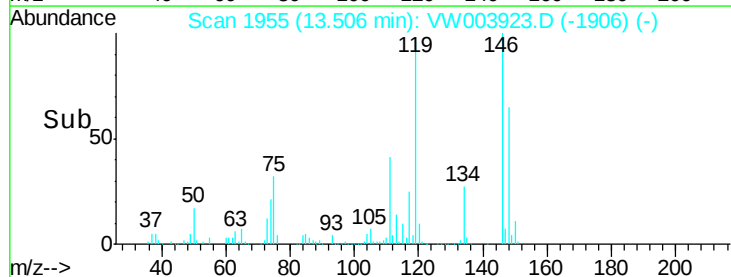
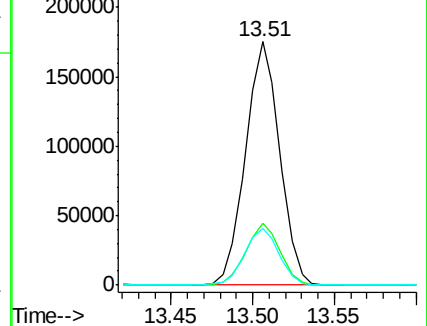
91 23.8 11.9 35.9

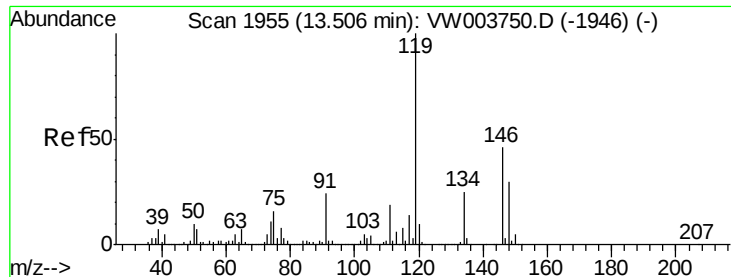


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

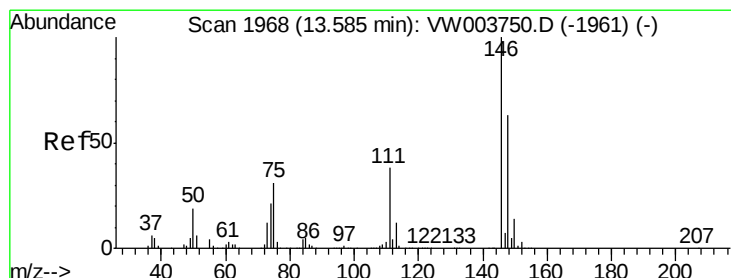
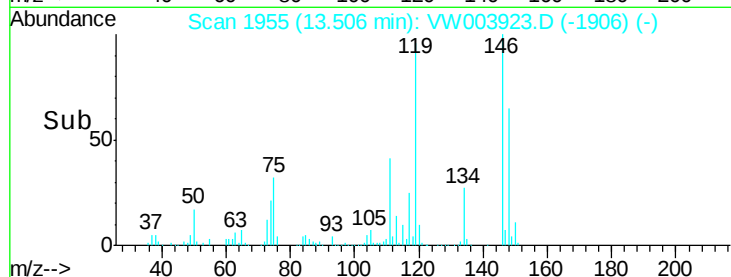
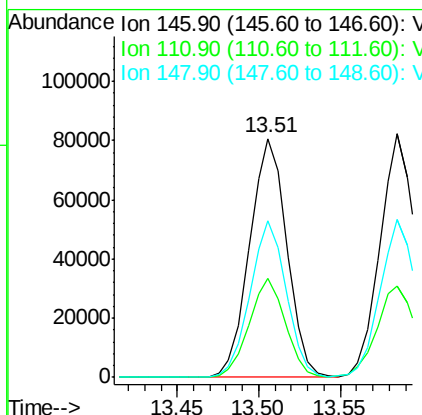
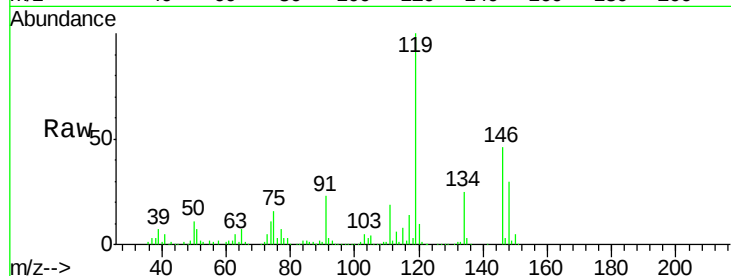




#87
 1,3-Dichlorobenzene
 Concen: 22.856 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

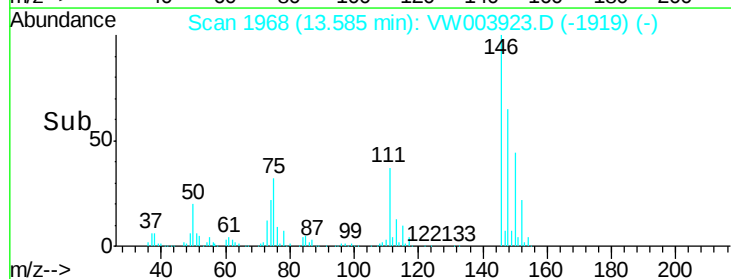
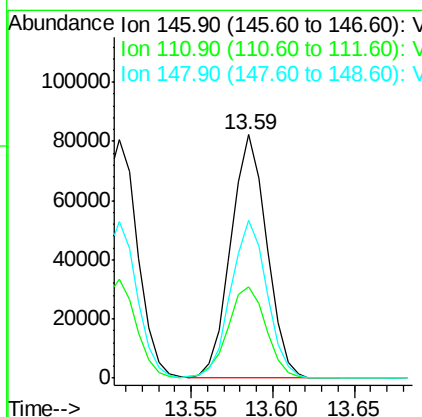
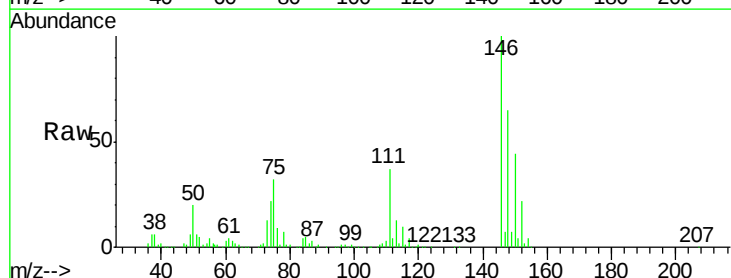
Instrument :
 MSVOA_W
 ClientSampled :

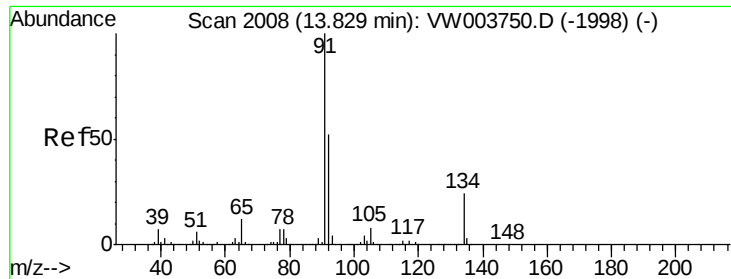
Tot Ion:146 Resp: 128153
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 22.483 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion:146 Resp: 126764
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.4 58.4
 148 65.0 31.9 95.7

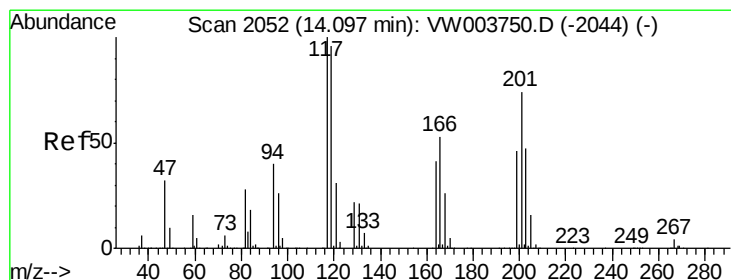
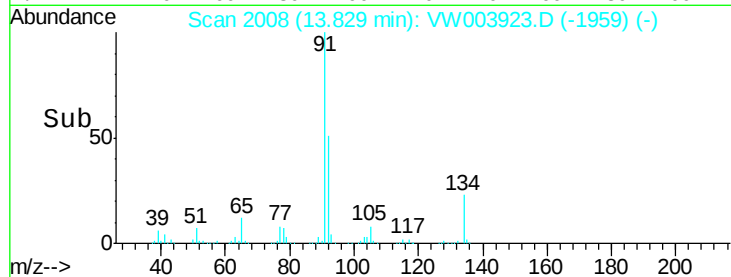
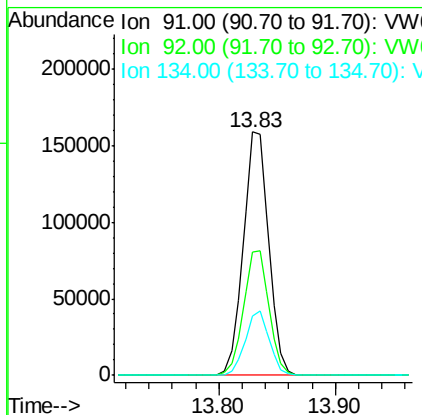
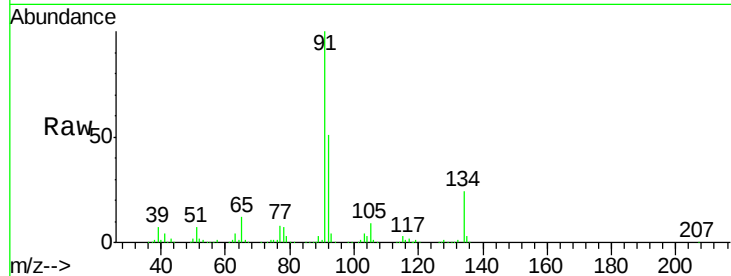




#89
n-Butylbenzene
Concen: 23.752 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

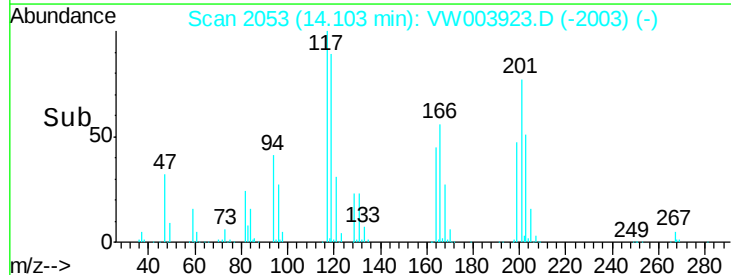
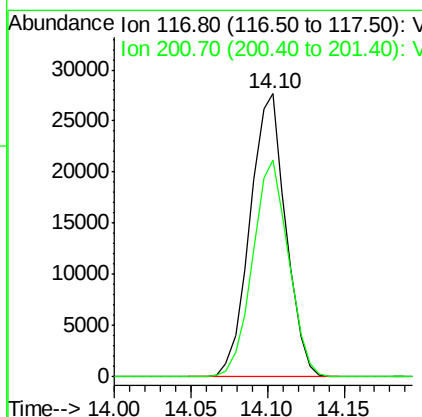
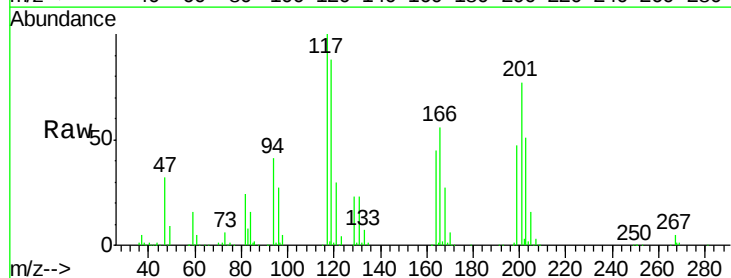
Instrument :
MSVOA_W
ClientSampleId :

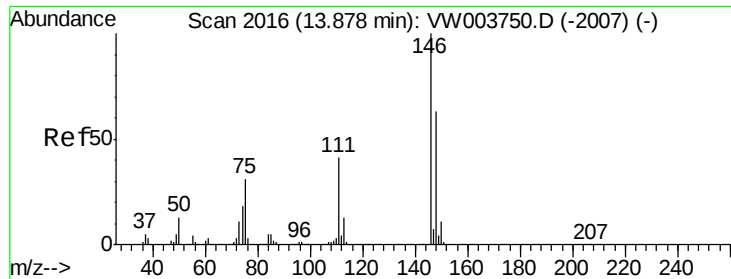
Tot Ion: 91 Resp: 241987
Ion Ratio Lower Upper
91 100
92 51.0 26.1 78.3
134 25.0 12.4 37.4



#90
Hexachloroethane
Concen: 22.567 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 117 Resp: 45024
Ion Ratio Lower Upper
117 100
201 76.7 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 22.237 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

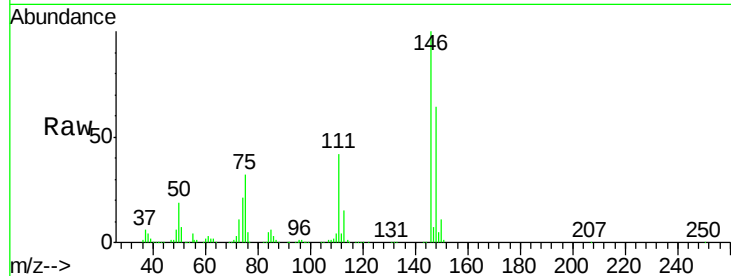
Tot Ion:146 Resp: 112219

Ion Ratio Lower Upper

146 100

111 41.6 20.7 62.1

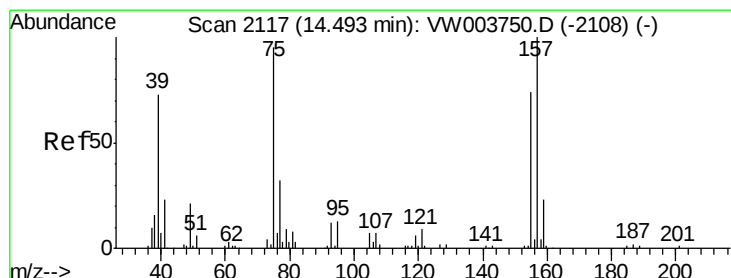
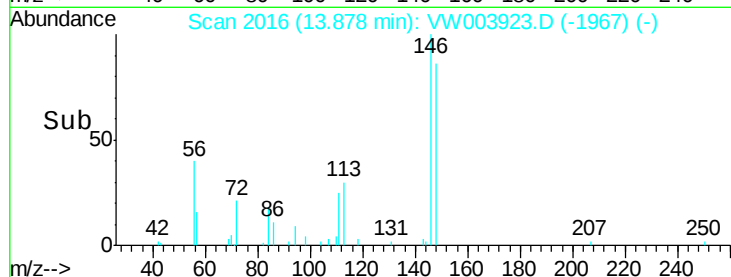
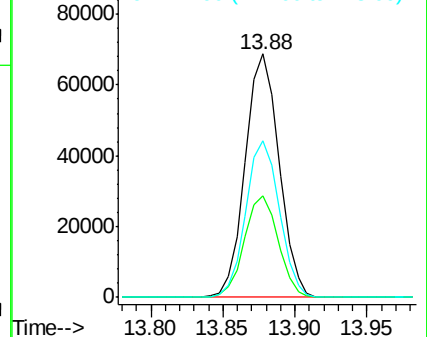
148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.997 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

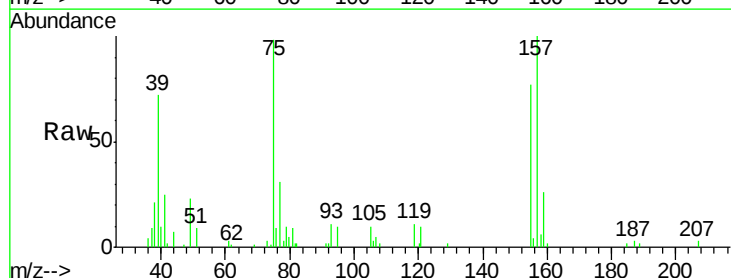
Tgt Ion: 75 Resp: 7822

Ion Ratio Lower Upper

75 100

155 78.9 39.2 117.6

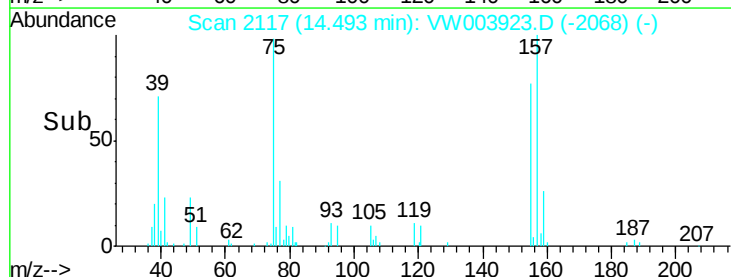
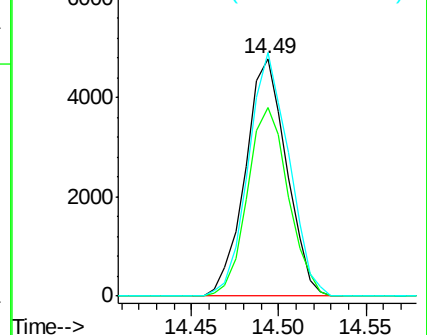
157 100.7 50.7 152.1

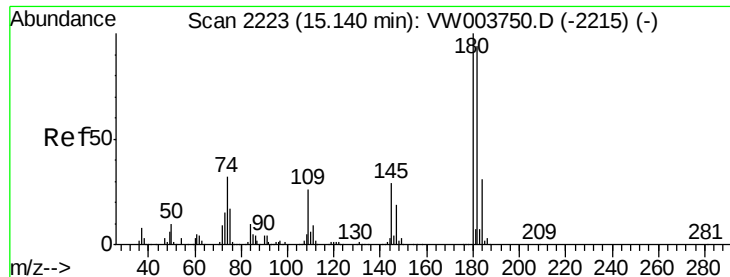


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

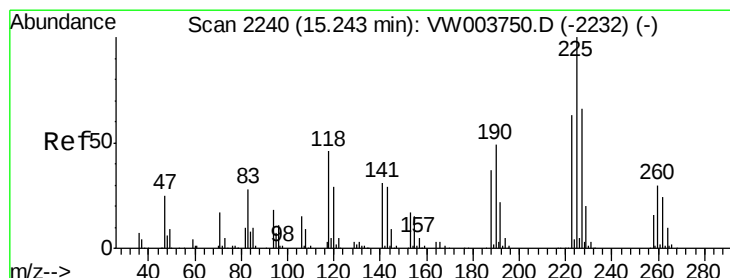
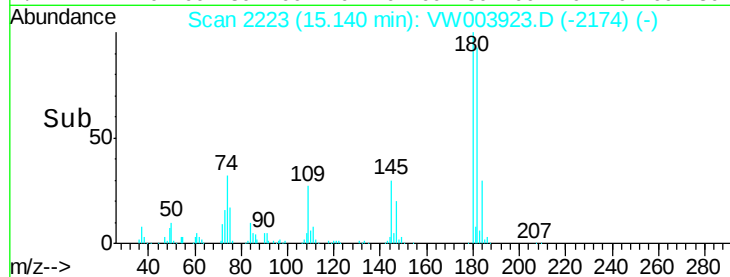
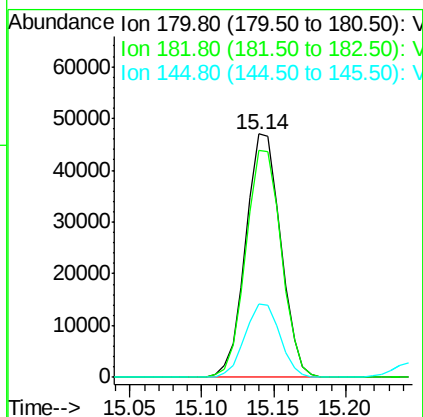
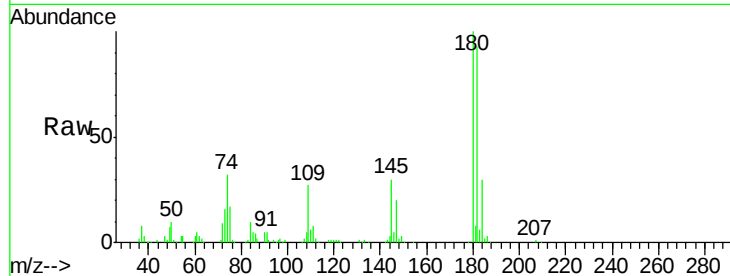




#93
 1,2,4-Trichlorobenzene
 Concen: 23.095 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

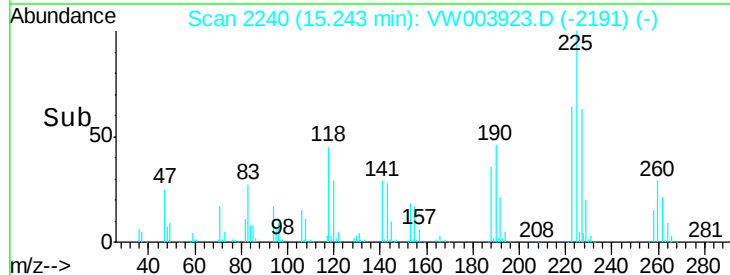
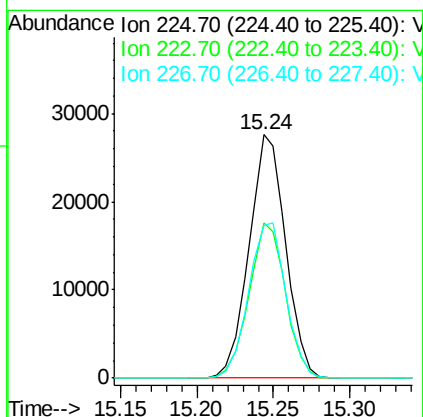
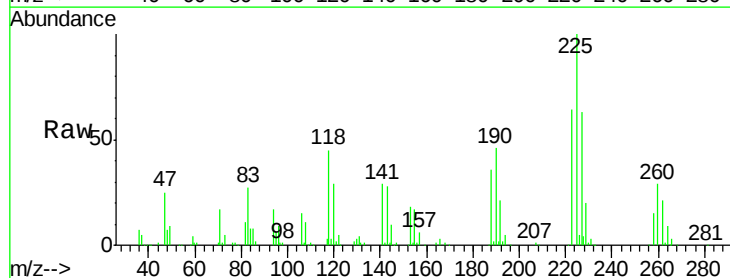
Instrument :
 MSVOA_W
 ClientSampleId :

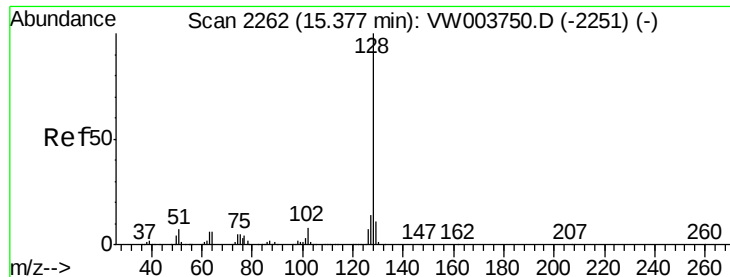
Tot Ion:180 Resp: 78891
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.4 142.2
 145 30.7 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 23.460 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion:225 Resp: 45837
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.6 97.7
 227 65.1 32.5 97.5





#95

Naphthalene

Concen: 21.776 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

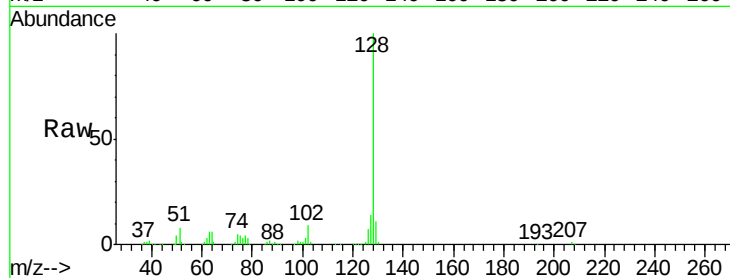
Tot Ion:128 Resp: 132944

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

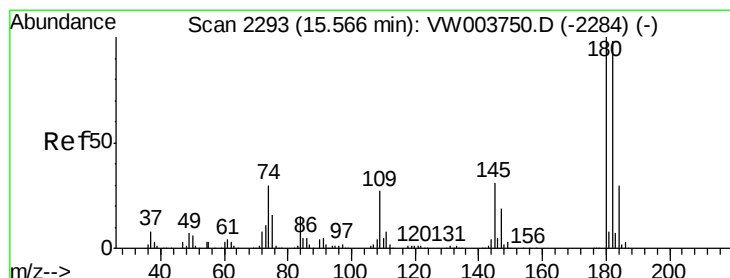
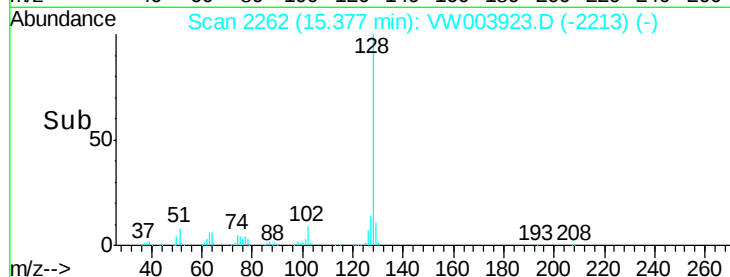
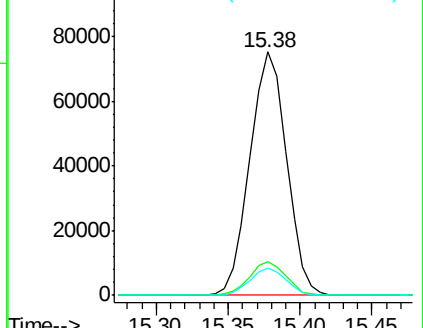
129 11.0 8.6 13.0



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: 22.620 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

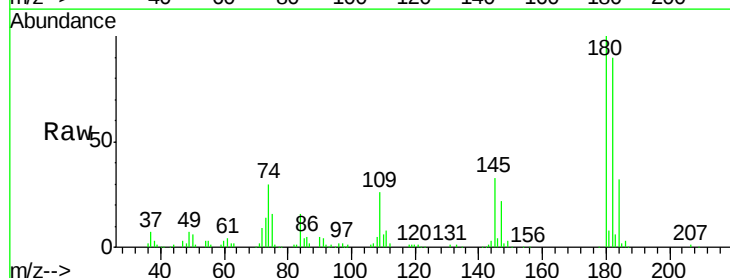
Tgt Ion:180 Resp: 69184

Ion Ratio Lower Upper

180 100

182 92.8 47.4 142.3

145 31.1 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

