

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061518\
 Data File : VW003295.D
 Acq On : 15 Jun 2018 16:44
 Operator : SY/AP
 Sample : J2923-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 16 03:47:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	340462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178014	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	14049	5.54	ug/l	0.00
Spiked Amount			Recovery	=	11.08%	
35) Dibromofluoromethane	7.88	113	12551	5.50	ug/l	0.00
Spiked Amount			Recovery	=	11.00%	
50) Toluene-d8	10.33	98	46564	5.15	ug/l	0.00
Spiked Amount			Recovery	=	10.30%	
62) 4-Bromofluorobenzene	12.63	95	16265	5.08	ug/l	0.00
Spiked Amount			Recovery	=	10.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	3395	4.795	ug/l	91
3) Chloromethane	2.21	50	10863	6.073	ug/l	99
4) Vinyl Chloride	2.36	62	15237	5.843	ug/l	98
5) Bromomethane	2.78	94	10007	5.774	ug/l	100
6) Chloroethane	2.92	64	10477	5.772	ug/l #	86
7) Trichlorofluoromethane	3.25	101	9038	5.785	ug/l	93
8) Diethyl Ether	3.68	74	6444	5.615	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.06	101	12610	5.813	ug/l	98
10) Methyl Iodide	4.26	142	18143	5.530	ug/l	99
11) Tert butyl alcohol	5.25	59	1820	13.379	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	11576	5.461	ug/l	99
13) Acrolein	3.90	56	5393	27.728	ug/l	90
14) Allyl chloride	4.67	41	20423	5.562	ug/l	96
15) Acrylonitrile	5.38	53	13151	27.853	ug/l	98
16) Acetone	4.15	43	17130	32.200	ug/l	95
17) Carbon Disulfide	4.37	76	37287	5.950	ug/l	100
18) Methyl Acetate	4.68	43	8515	6.747	ug/l #	74
19) Methyl tert-butyl Ether	5.43	73	20584	5.184	ug/l	95
20) Methylene Chloride	4.91	84	20103	5.639	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	12895	5.589	ug/l #	83
22) Diisopropyl ether	6.32	45	35874	4.854	ug/l	97
23) Vinyl Acetate	6.26	43	92777	21.785	ug/l	98
24) 1,1-Dichloroethane	6.22	63	23508	5.358	ug/l	98
25) 2-Butanone	7.18	43	19086	28.852	ug/l	96
26) 2,2-Dichloropropane	7.17	77	17616	6.016	ug/l	95
27) cis-1,2-Dichloroethene	7.18	96	13240	5.224	ug/l	93
28) Bromochloromethane	7.52	49	9690	5.308	ug/l	100
29) Tetrahydrofuran	7.55	42	10627	26.286	ug/l	98
30) Chloroform	7.68	83	24261	5.428	ug/l	94
31) Cyclohexane	7.96	56	26083	6.364	ug/l #	86
32) 1,1,1-Trichloroethane	7.87	97	19493	5.284	ug/l	97
36) 1,1-Dichloropropene	8.09	75	19052	5.372	ug/l	98
37) Ethyl Acetate	7.26	43	8525	5.802	ug/l	98
38) Carbon Tetrachloride	8.07	117	18366	5.279	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	20534	5.004	ug/l	94
40) Benzene	8.33	78	53235	5.445	ug/l	97
41) Methacrylonitrile	7.49	41	3861	4.282	ug/l #	77
42) 1,2-Dichloroethane	8.40	62	16689	5.449	ug/l	100
43) Isopropyl Acetate	8.43	43	14998	5.141	ug/l	97
44) Trichloroethene	9.09	130	14332	5.533	ug/l	93
45) 1,2-Dichloropropane	9.37	63	13283	5.336	ug/l	95
46) Dibromomethane	9.46	93	6988	5.483	ug/l	97
47) Bromodichloromethane	9.65	83	16765	5.132	ug/l	99
48) Methyl methacrylate	9.45	41	6222	4.538	ug/l	91
49) 1,4-Dioxane	9.50	88	1905	99.004	ug/l	91
51) 4-Methyl-2-Pentanone	10.22	43	37576	25.276	ug/l	99
52) Toluene	10.39	92	31790	5.071	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	16099	4.825	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	18470	4.863	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	9411	5.241	ug/l	93
56) Ethyl methacrylate	10.65	69	9672	4.435	ug/l #	92
57) 1,3-Dichloropropane	10.94	76	16224	5.238	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.93	63	24329	24.888	ug/l	100
59) 2-Hexanone	10.98	43	24570	23.659	ug/l	96
60) Dibromochloromethane	11.13	129	10819	5.066	ug/l	97
61) 1,2-Dibromoethane	11.24	107	9031	5.317	ug/l	99
64) Tetrachloroethene	10.87	164	12256	5.382	ug/l	96
65) Chlorobenzene	11.66	112	37009	5.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	12306	4.939	ug/l	98
67) Ethyl Benzene	11.74	91	59476	4.732	ug/l	98
68) m/p-Xylenes	11.85	106	45642	9.554	ug/l	98
69) o-Xylene	12.17	106	20548	4.641	ug/l	98
70) Styrene	12.19	104	33452	4.539	ug/l	99
71) Bromoform	12.36	173	6325	4.898	ug/l #	99
73) Isopropylbenzene	12.48	105	57142	4.615	ug/l	99
74) N-amyl acetate	12.28	43	12964	4.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	11409	5.447	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	14133	9.287	ug/l #	100
77) Bromobenzene	12.76	156	14809	5.136	ug/l	96
78) n-propylbenzene	12.81	91	69789	4.603	ug/l	99
79) 2-Chlorotoluene	12.90	91	41525	4.847	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	47887	4.608	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2994	4.527	ug/l	86
82) 4-Chlorotoluene	12.99	91	44315	4.876	ug/l	99
83) tert-Butylbenzene	13.21	119	39515	4.461	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	49049	4.588	ug/l	100
85) sec-Butylbenzene	13.39	105	61200	4.649	ug/l	99
86) p-Isopropyltoluene	13.51	119	52504	4.522	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	30182	5.095	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	31050	5.273	ug/l	93
89) n-Butylbenzene	13.83	91	53726	4.747	ug/l	98
90) Hexachloroethane	14.10	117	10253	4.881	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	26913	5.187	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1997	5.665	ug/l	92

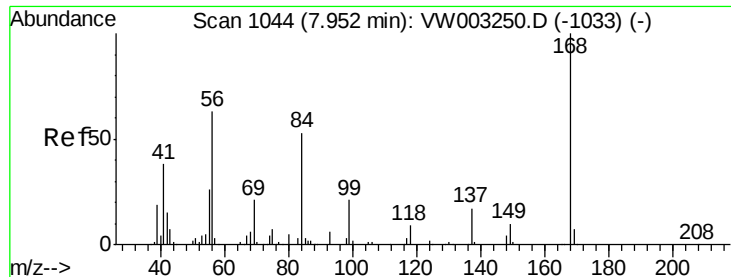
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	18122	4.975	ug/l	97
94) Hexachlorobutadiene	15.25	225	11187	5.105	ug/l	100
95) Naphthalene	15.38	128	28043	4.538	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	16219	5.058	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

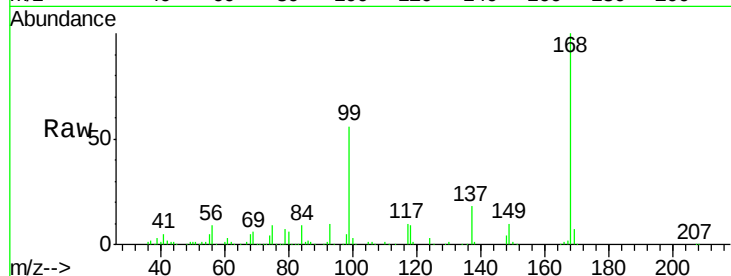
ClientSampled :

Tot Ion:168 Resp: 234179

Ion Ratio Lower Upper

168 100

99 55.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

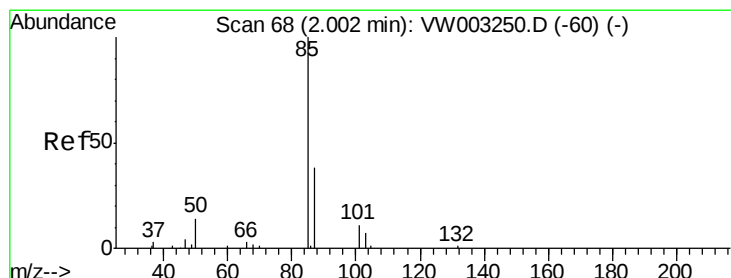
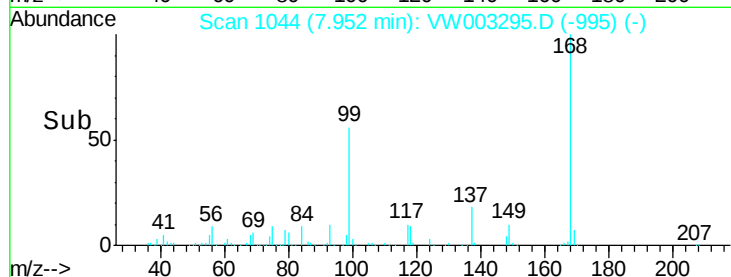
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 4.795 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003295.D

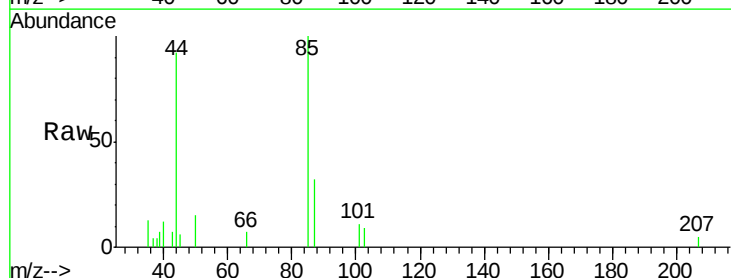
Acq: 15 Jun 2018 16:44

Tgt Ion: 85 Resp: 3395

Ion Ratio Lower Upper

85 100

87 32.3 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

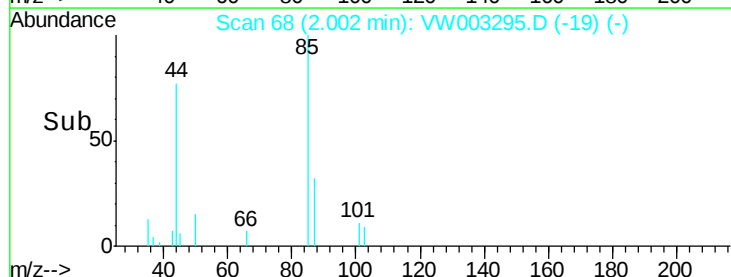
1500

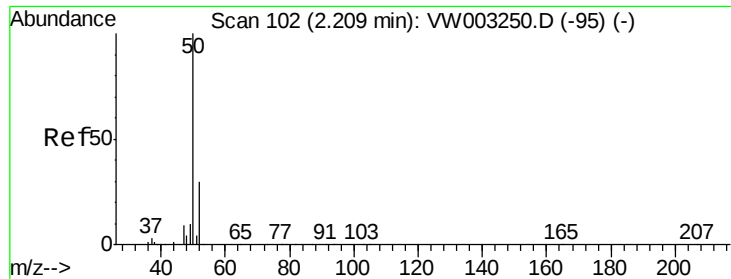
1000

500

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 6.073 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

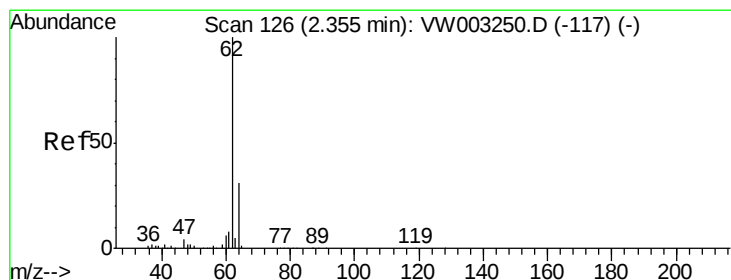
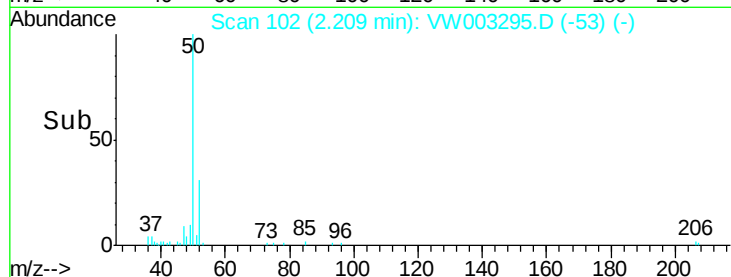
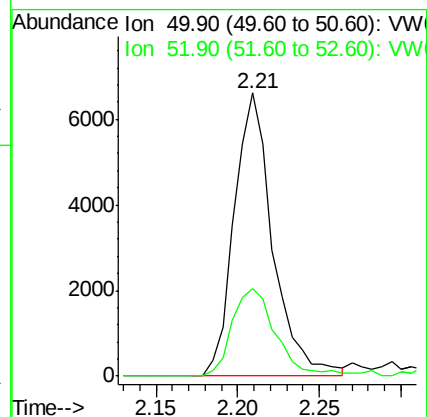
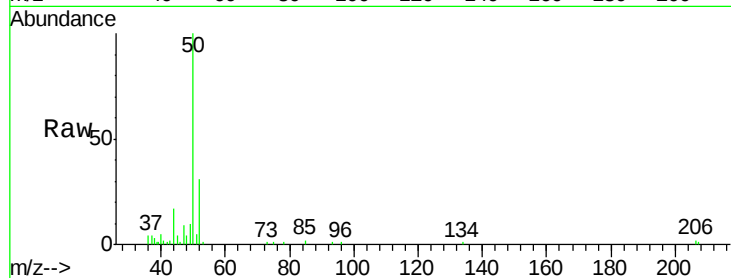
ClientSampled :

Tot Ion: 50 Resp: 10863

Ion Ratio Lower Upper

50 100

52 30.8 24.2 36.2



#4

Vinyl Chloride

Concen: 5.843 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003295.D

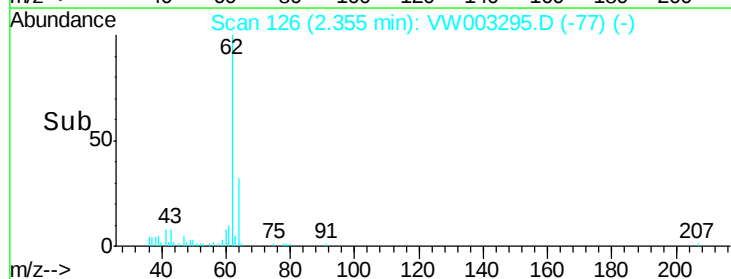
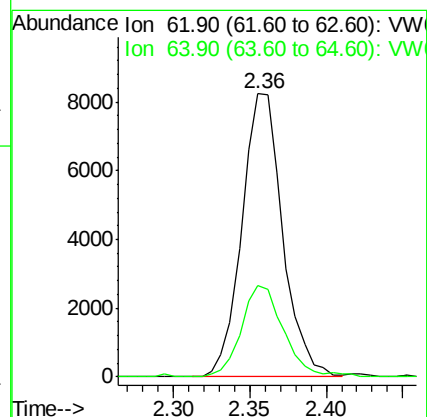
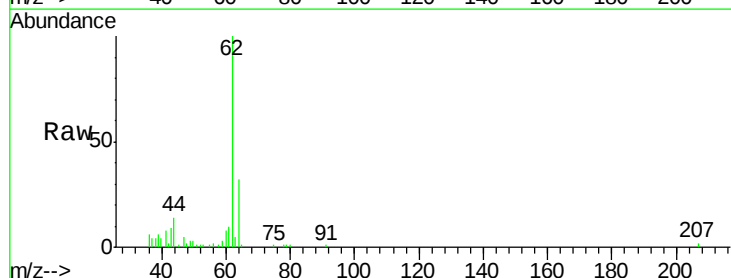
Acq: 15 Jun 2018 16:44

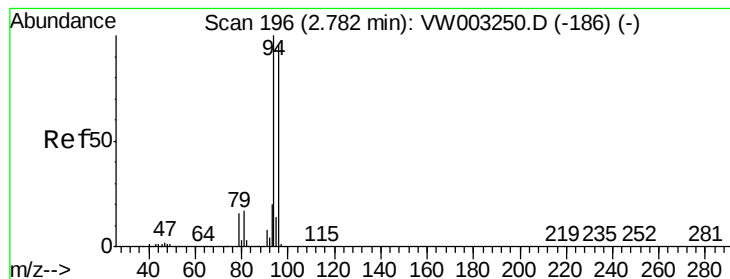
Tgt Ion: 62 Resp: 15237

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 5.774 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

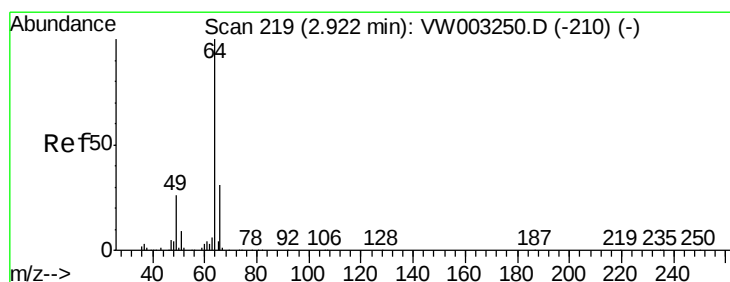
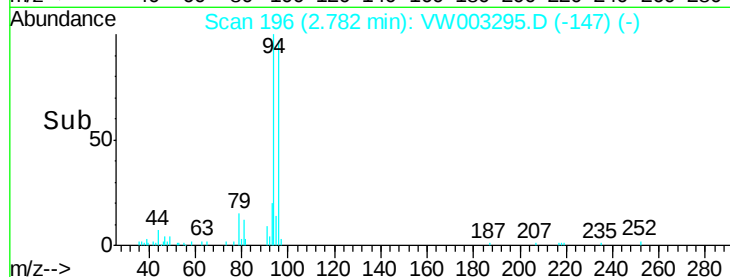
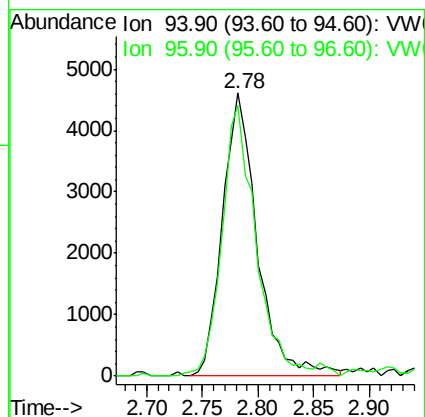
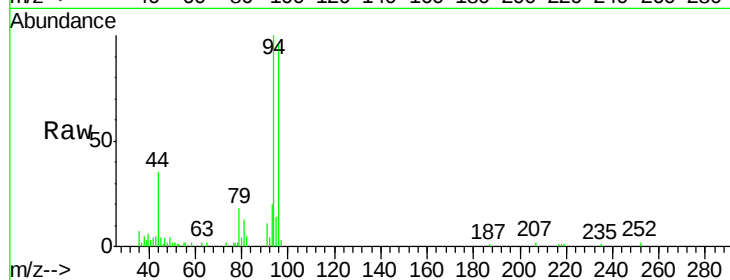
ClientSampleId :

Tot Ion: 94 Resp: 10007

Ion Ratio Lower Upper

94 100

96 95.6 76.5 114.7



#6

Chloroethane

Concen: 5.772 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003295.D

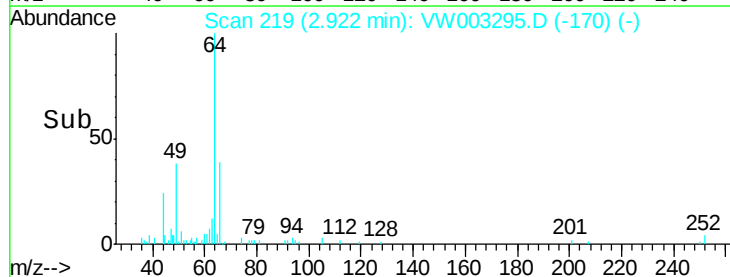
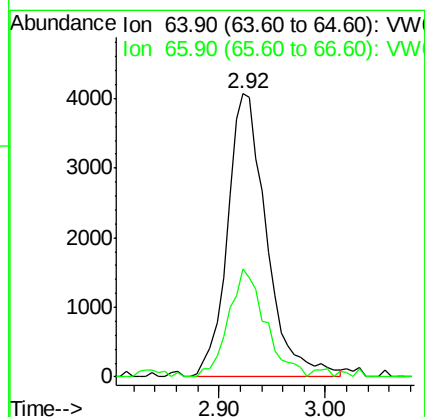
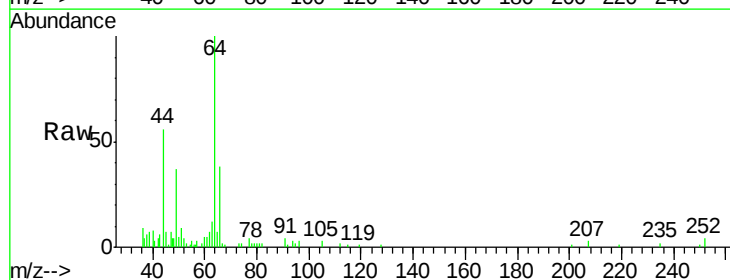
Acq: 15 Jun 2018 16:44

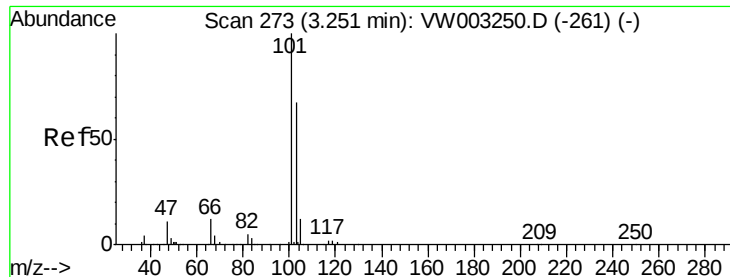
Tgt Ion: 64 Resp: 10477

Ion Ratio Lower Upper

64 100

66 38.4 24.4 36.6#



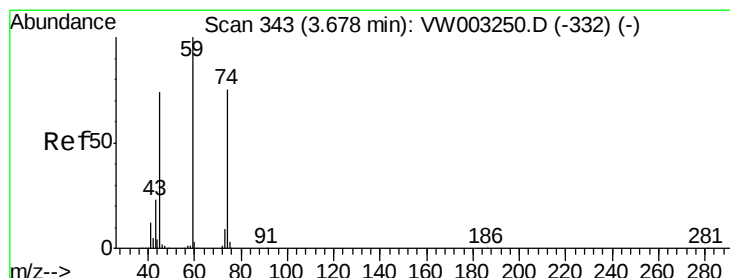
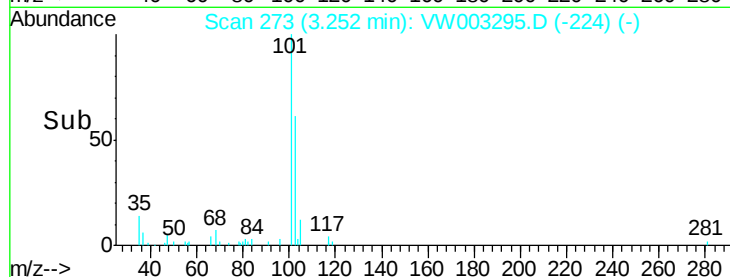
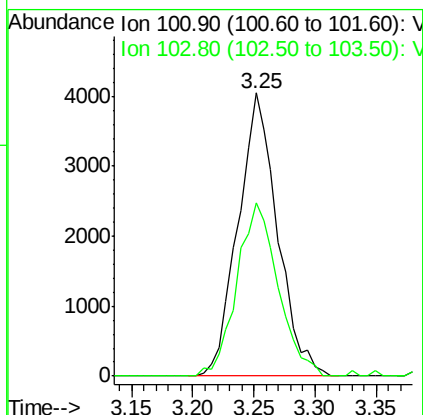
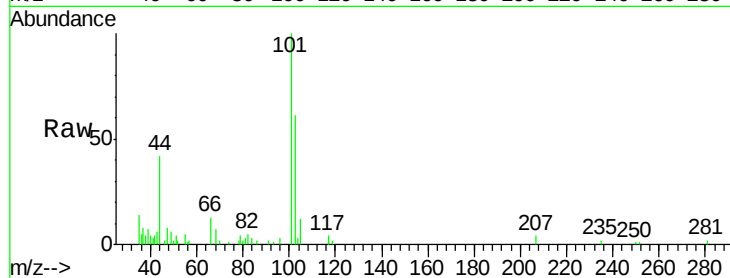


#7

Trichlorofluoromethane
Concen: 5.785 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Instrument :
MSVOA_W
ClientSampleId :

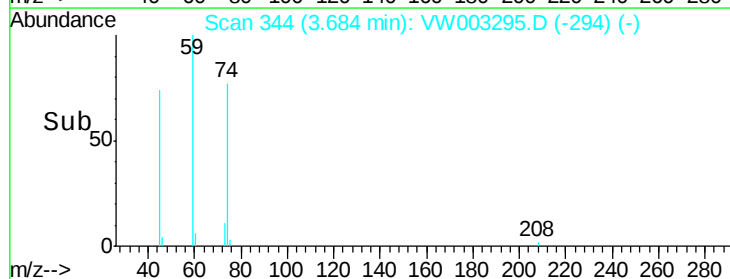
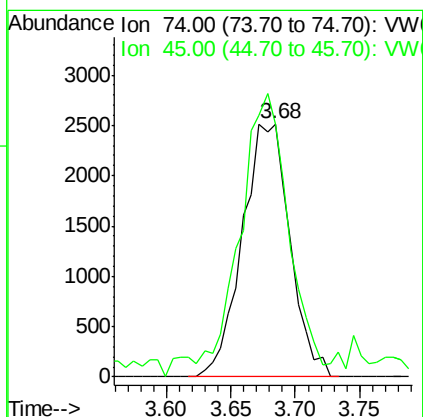
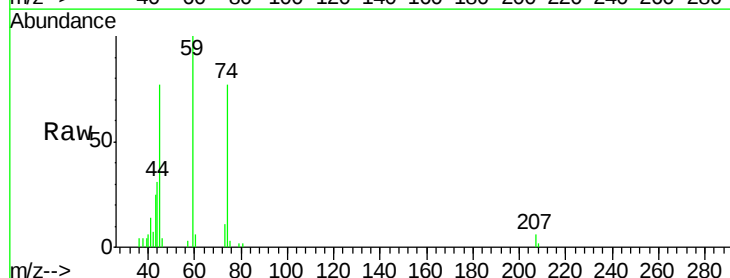
Tot Ion:101 Resp: 9038
Ion Ratio Lower Upper
101 100
103 61.3 53.4 80.0

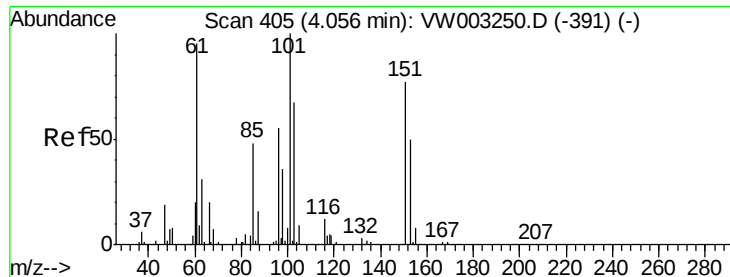


#8

Diethyl Ether
Concen: 5.615 ug/l
RT: 3.68 min Scan# 344
Delta R.T. 0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 74 Resp: 6444
Ion Ratio Lower Upper
74 100
45 118.7 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.813 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

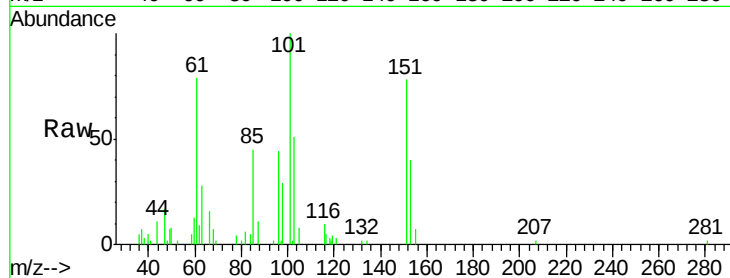
Tot Ion:101 Resp: 12610

Ion Ratio Lower Upper

101 100

85 46.7 37.0 55.6

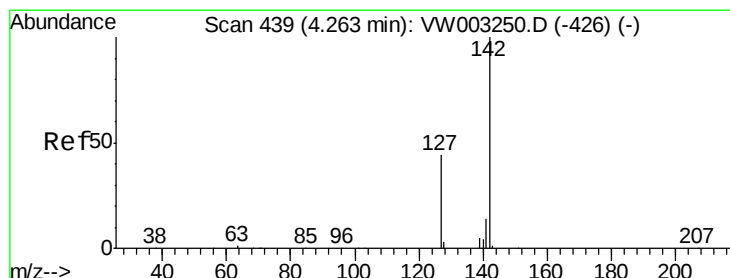
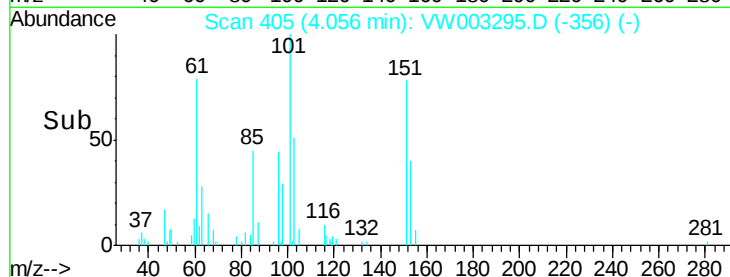
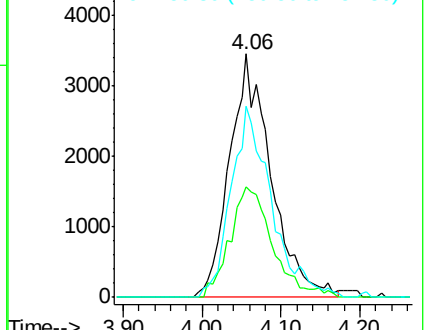
151 76.5 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.530 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

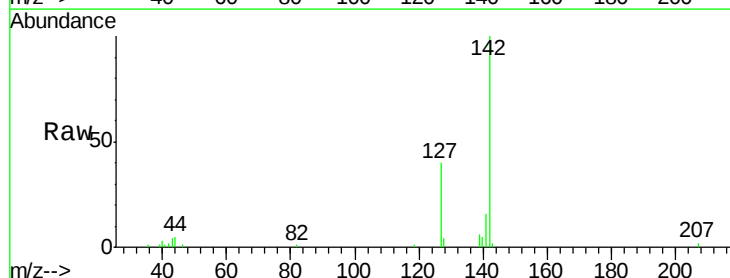
Tgt Ion:142 Resp: 18143

Ion Ratio Lower Upper

142 100

127 46.1 36.5 54.7

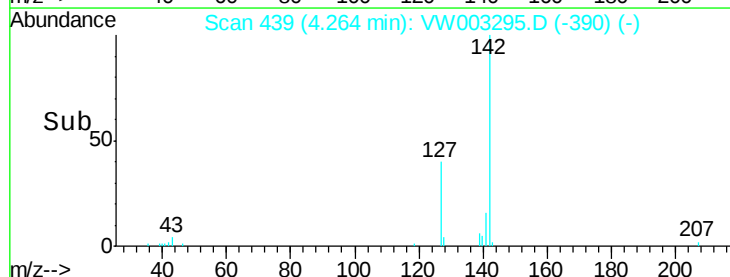
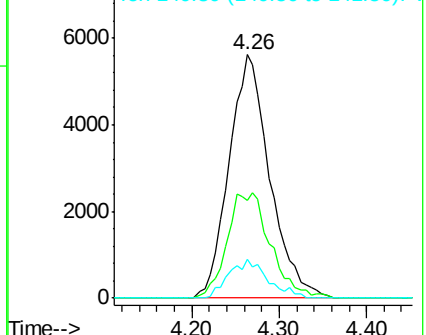
141 15.2 12.1 18.1

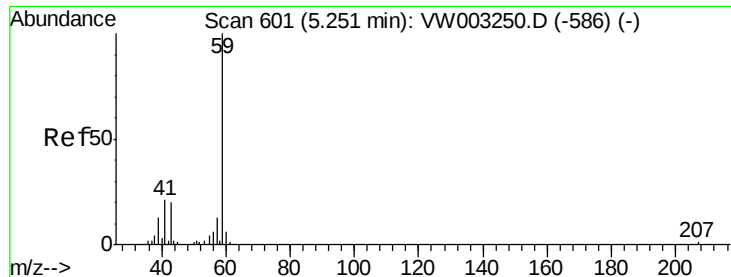


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



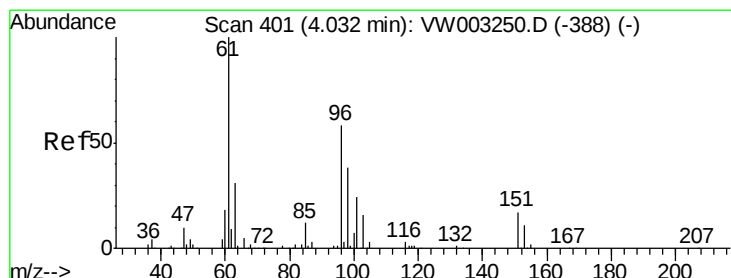
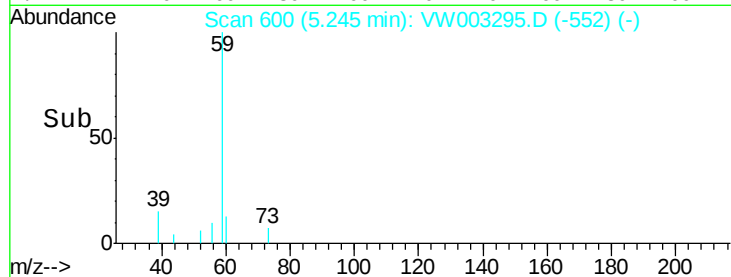
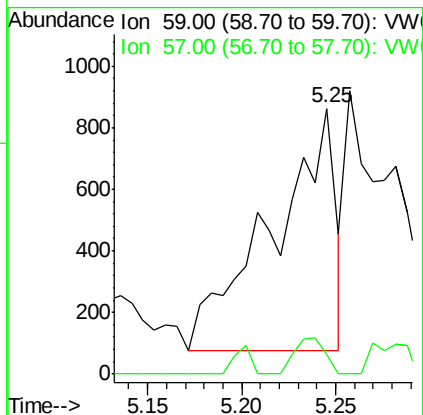
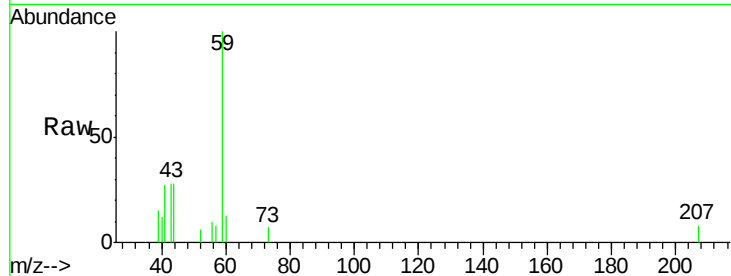


#11

Tert butyl alcohol
Concen: 13.379 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Instrument :
MSVOA_W
ClientSampled :

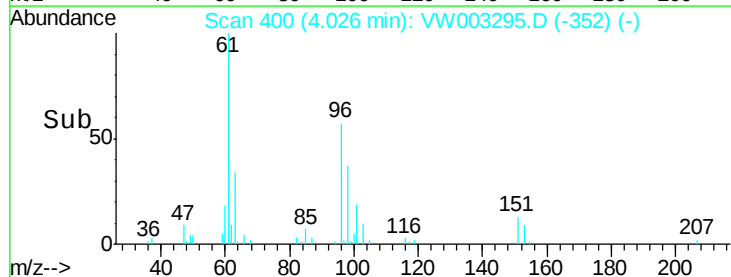
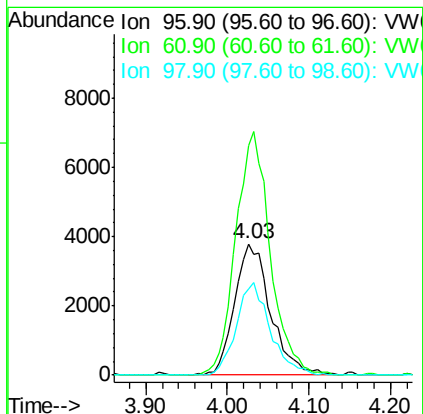
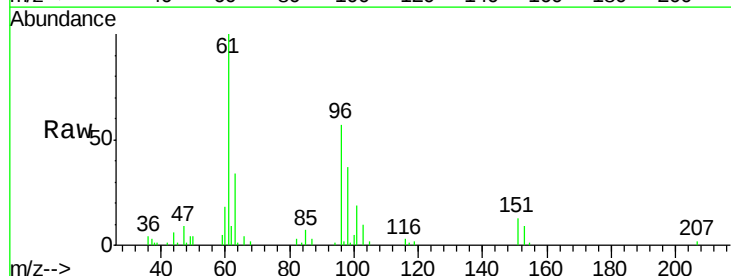
Tot Ion: 59 Resp: 1820
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

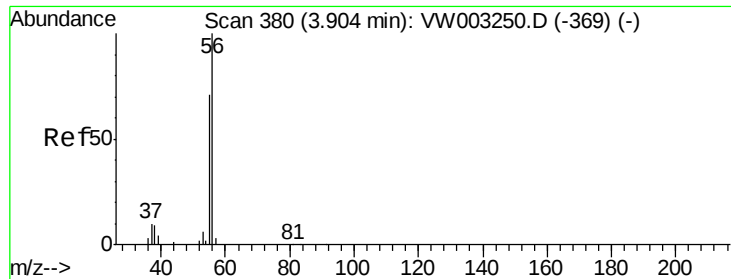


#12

1,1-Dichloroethene
Concen: 5.461 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 96 Resp: 11576
Ion Ratio Lower Upper
96 100
61 174.9 139.0 208.4
98 65.3 53.3 79.9





#13

Acrolein

Concen: 27.728 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

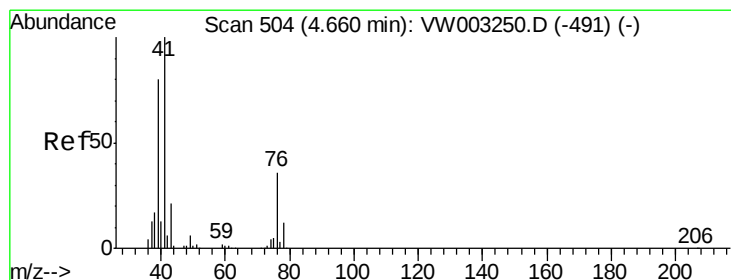
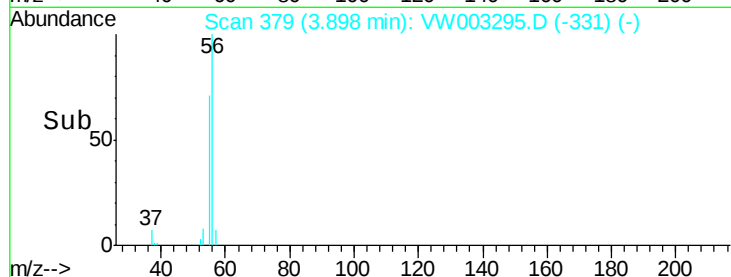
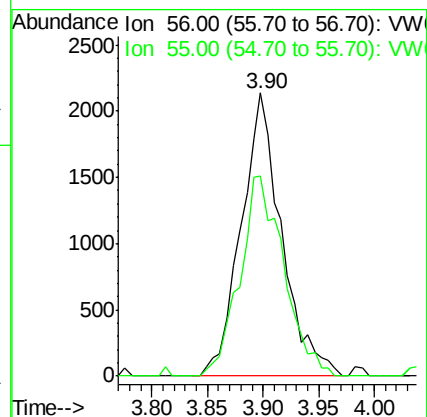
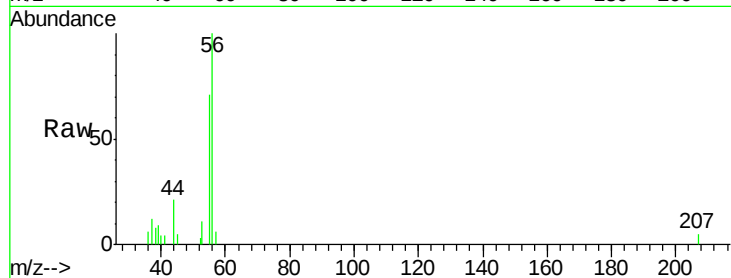
ClientSampleId :

Tot Ion: 56 Resp: 5393

Ion Ratio Lower Upper

56 100

55 77.2 55.4 83.2



#14

Allyl chloride

Concen: 5.562 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

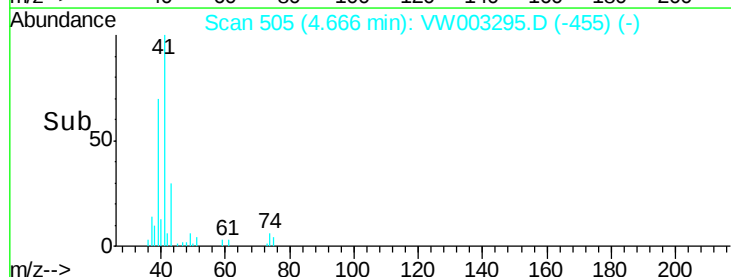
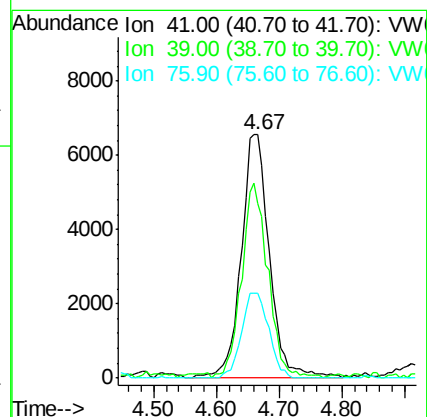
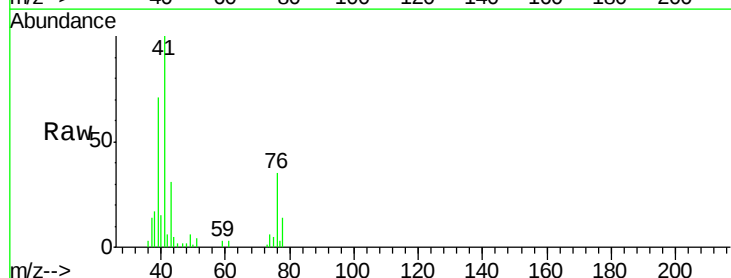
Tgt Ion: 41 Resp: 20423

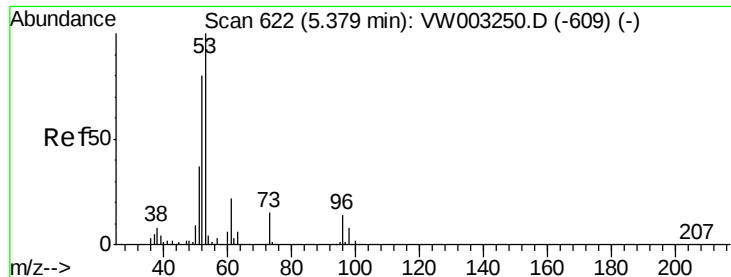
Ion Ratio Lower Upper

41 100

39 74.9 63.2 94.8

76 33.5 28.0 42.0





#15

Acrylonitrile

Concen: 27.853 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

ClientSampled :

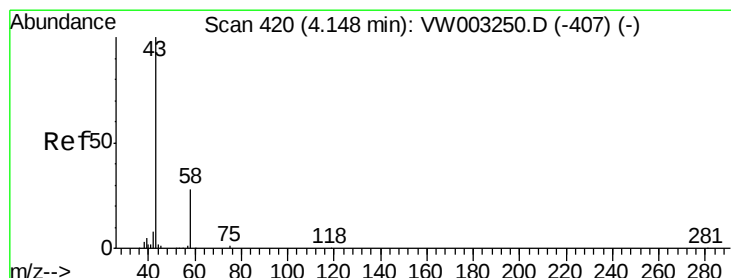
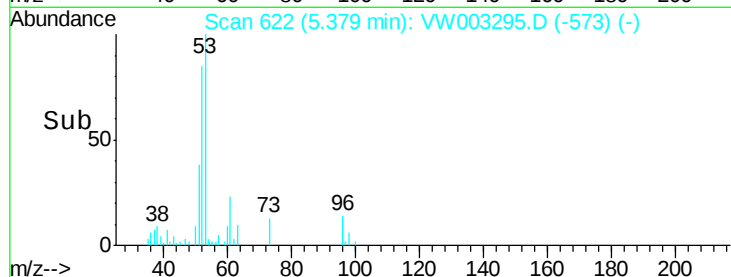
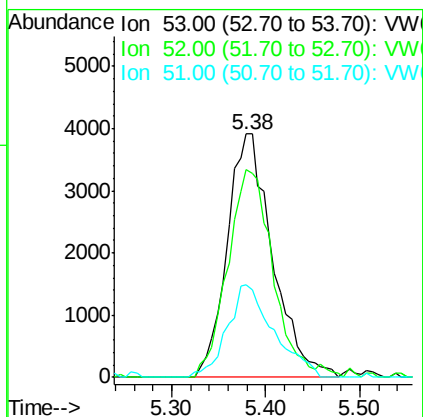
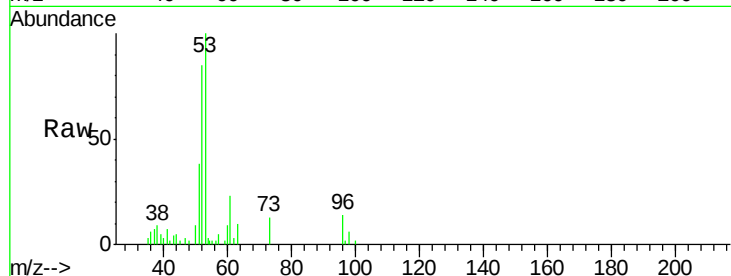
Tot Ion: 53 Resp: 13151

Ion Ratio Lower Upper

53 100

52 85.7 66.6 100.0

51 38.7 30.6 46.0



#16

Acetone

Concen: 32.200 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003295.D

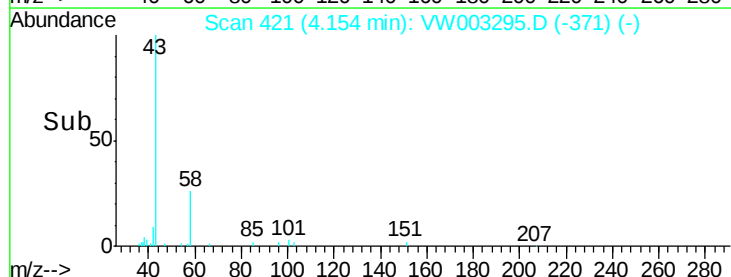
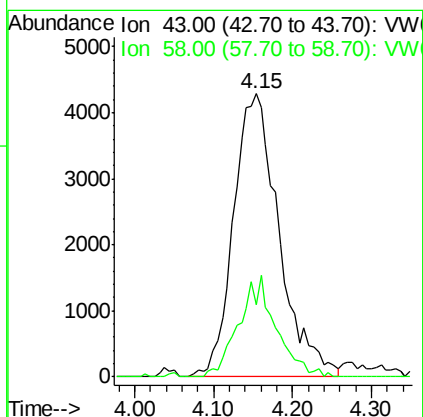
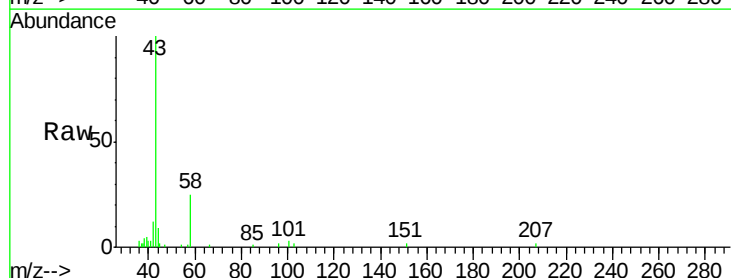
Acq: 15 Jun 2018 16:44

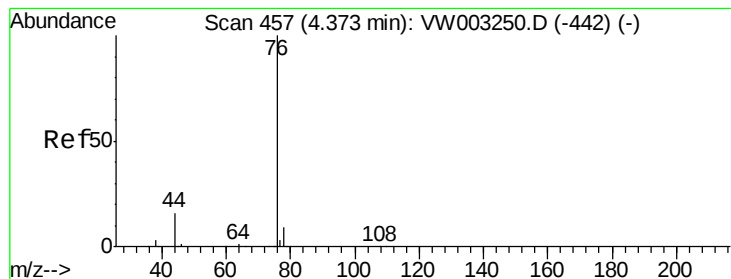
Tgt Ion: 43 Resp: 17130

Ion Ratio Lower Upper

43 100

58 25.4 22.6 34.0





#17

Carbon Disulfide

Concen: 5.950 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

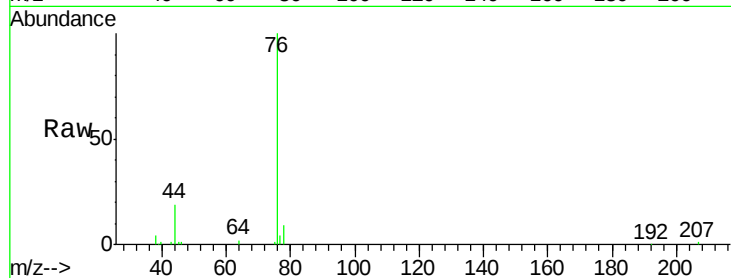
ClientSampleId :

Tot Ion: 76 Resp: 37287

Ion Ratio Lower Upper

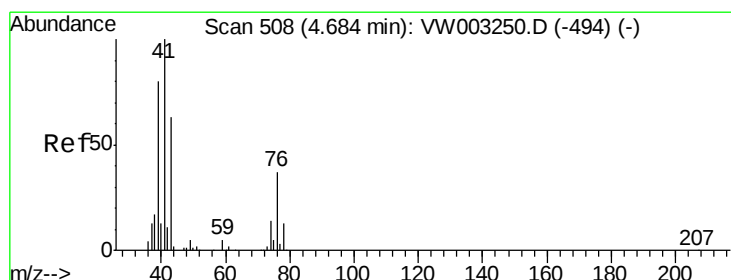
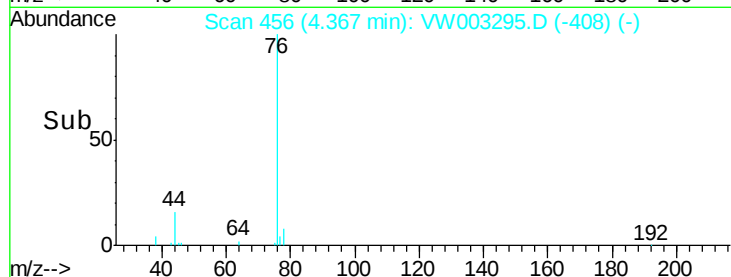
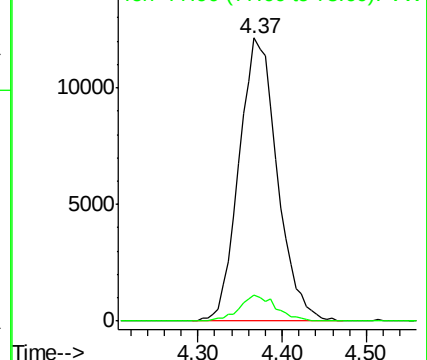
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 6.747 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003295.D

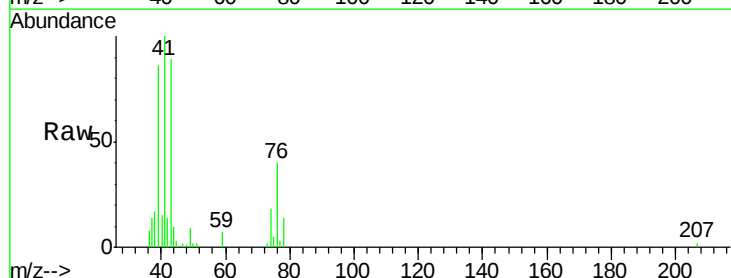
Acq: 15 Jun 2018 16:44

Tgt Ion: 43 Resp: 8515

Ion Ratio Lower Upper

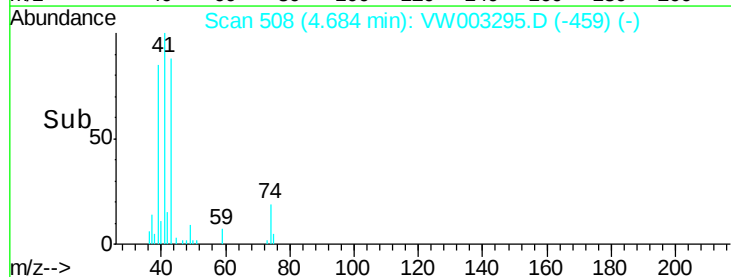
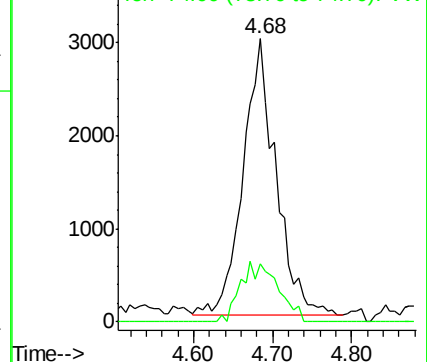
43 100

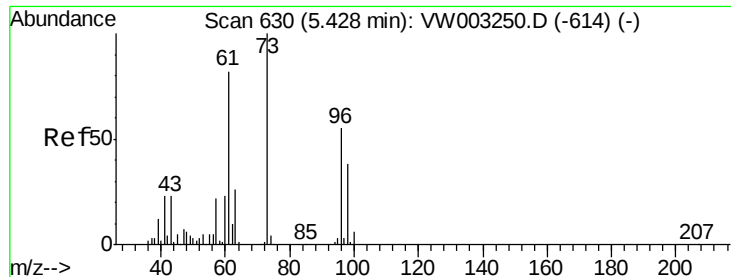
74 10.9 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

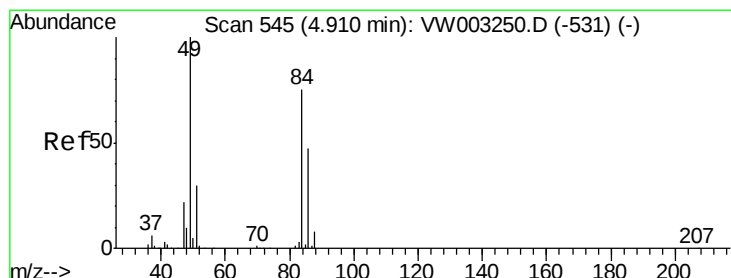
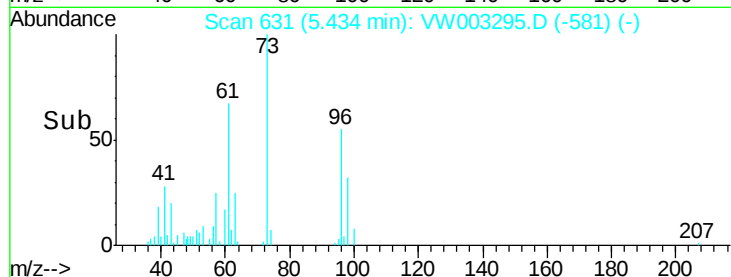
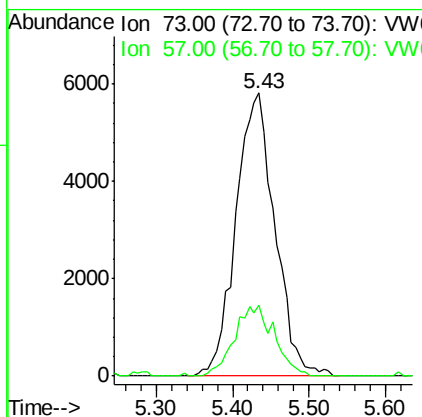
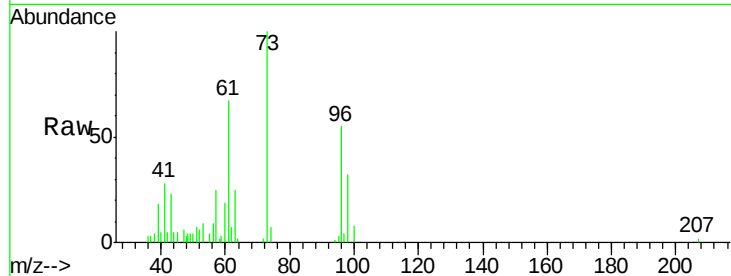




#19
Methyl tert-butyl Ether
Concen: 5.184 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

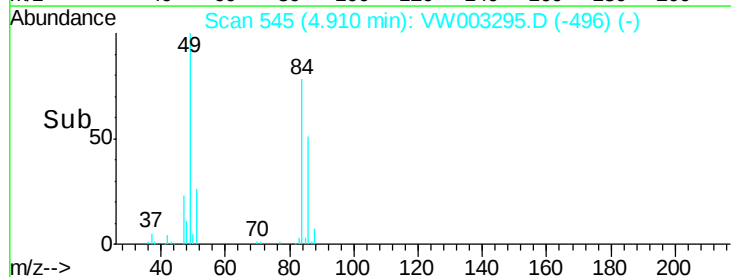
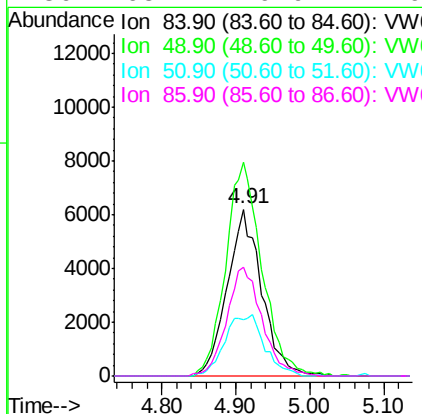
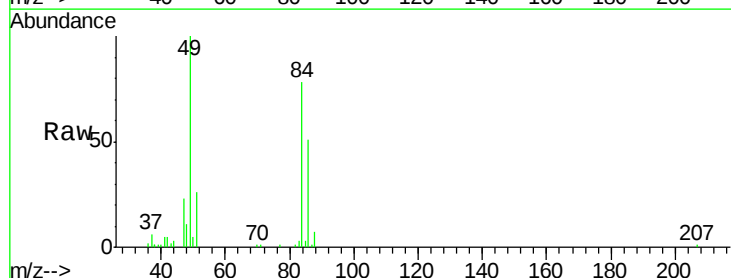
Instrument :
MSVOA_W
ClientSampled :

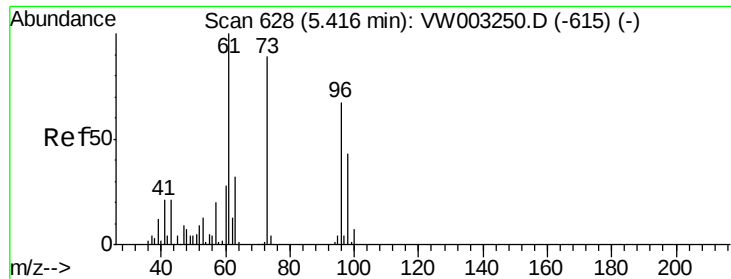
Tot Ion: 73 Resp: 20584
Ion Ratio Lower Upper
73 100
57 24.9 18.0 27.0



#20
Methylene Chloride
Concen: 5.639 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 84 Resp: 20103
Ion Ratio Lower Upper
84 100
49 127.9 106.3 159.5
51 33.6 32.0 48.0
86 65.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.589 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :
MSVOA_W
ClientSampleId :

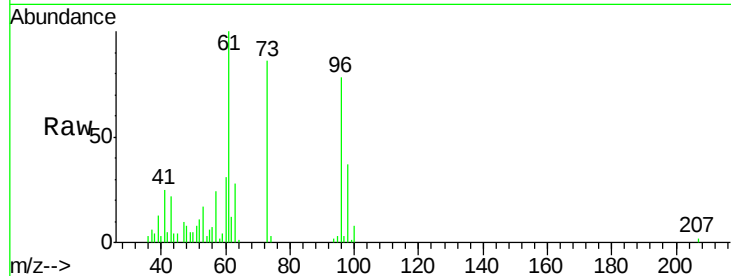
Tot Ion: 96 Resp: 12895

Ion Ratio Lower Upper

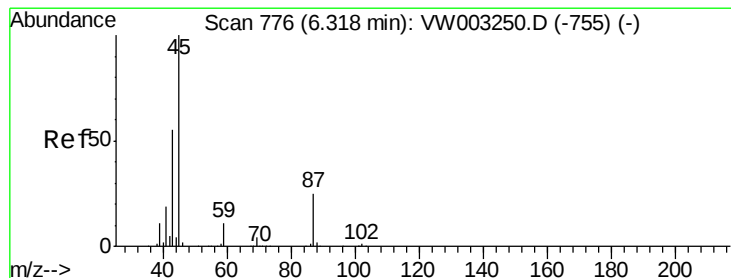
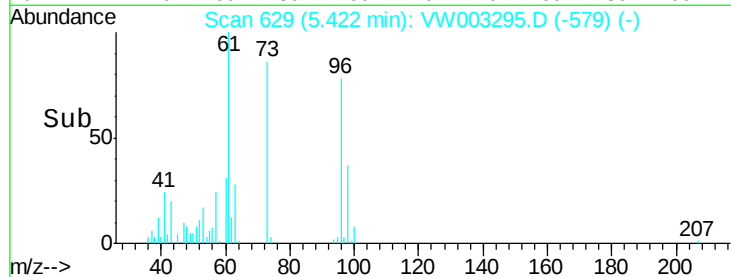
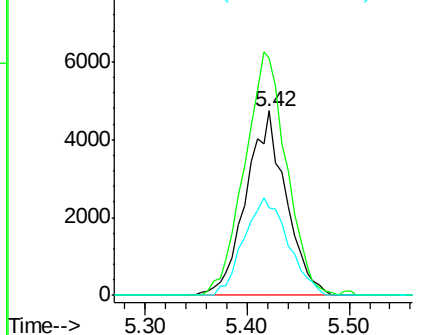
96 100

61 128.8 118.7 178.1

98 47.3 51.0 76.6#



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



#22

Diisopropyl ether

Concen: 4.854 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Tgt Ion: 45 Resp: 35874

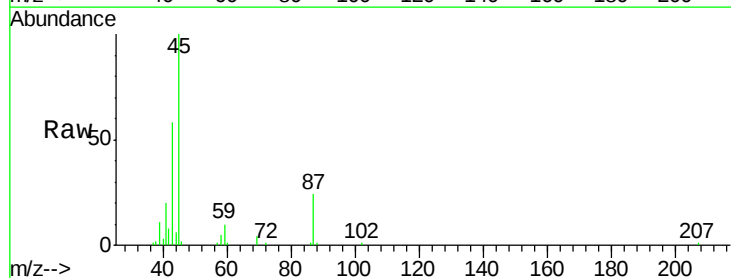
Ion Ratio Lower Upper

45 100

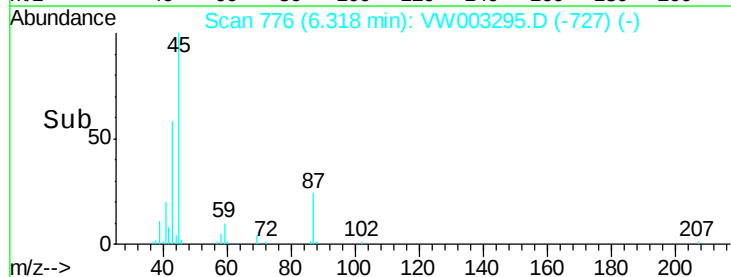
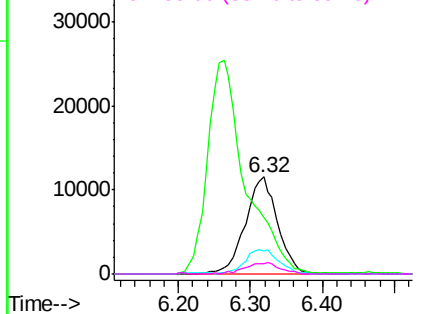
43 57.3 44.0 66.0

87 24.0 20.6 31.0

59 10.4 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 21.785 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

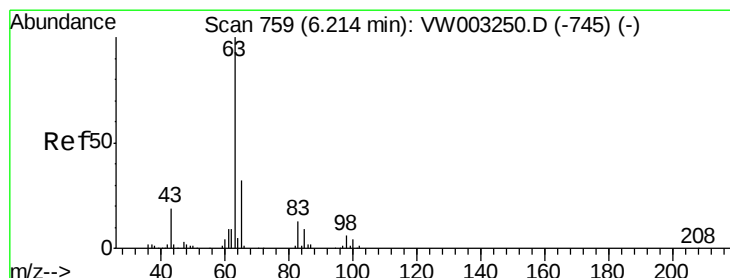
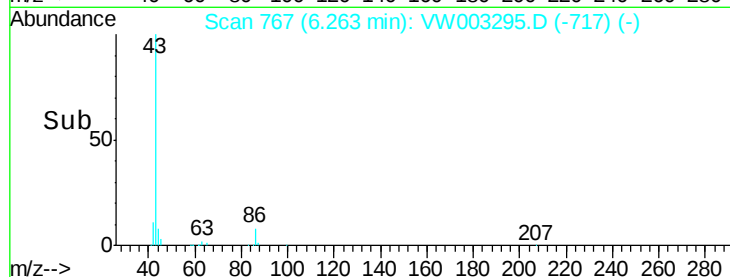
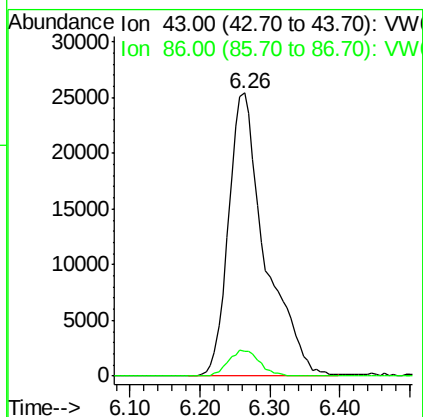
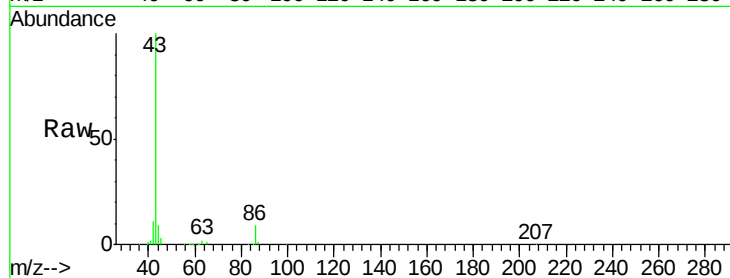
ClientSampleId :

Tot Ion: 43 Resp: 92777

Ion Ratio Lower Upper

43 100

86 8.6 7.5 11.3



#24

1,1-Dichloroethane

Concen: 5.358 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

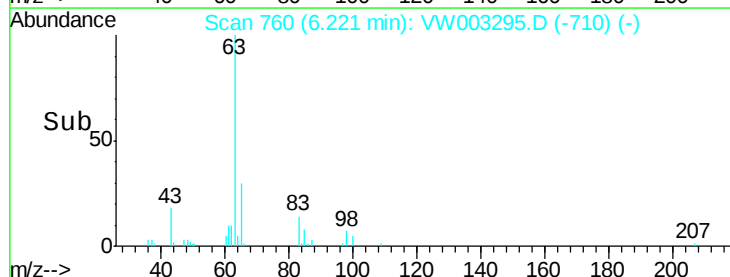
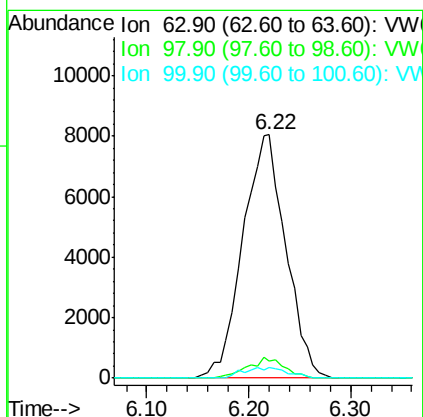
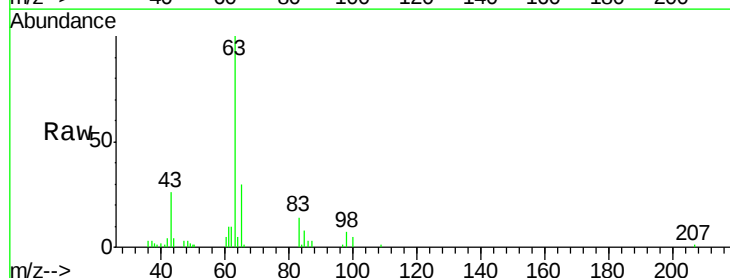
Tgt Ion: 63 Resp: 23508

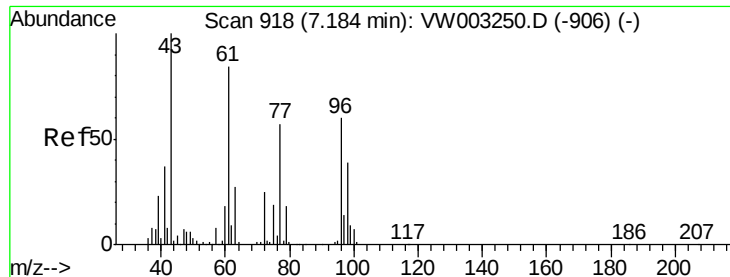
Ion Ratio Lower Upper

63 100

98 6.8 2.8 8.3

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 28.852 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

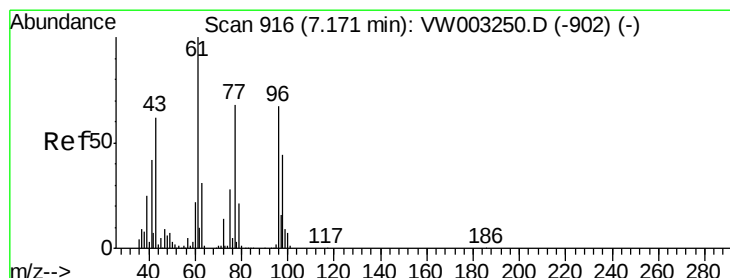
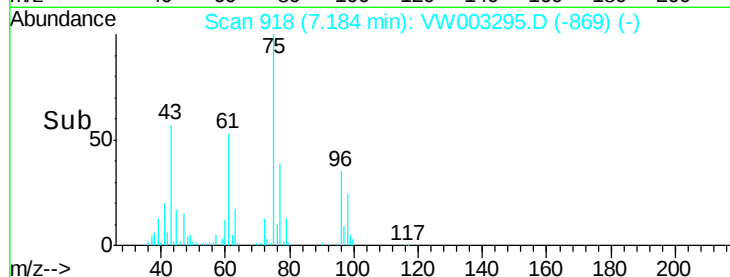
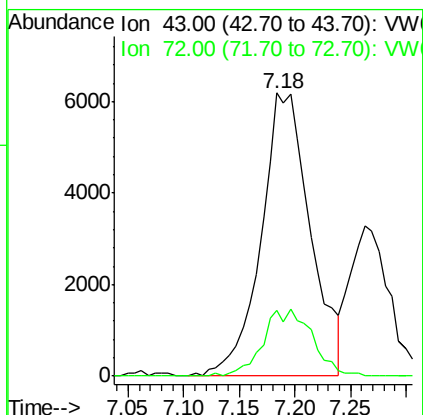
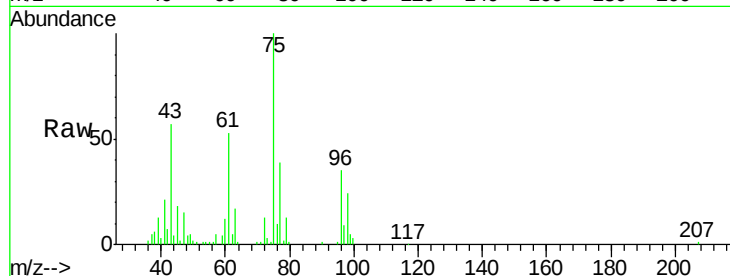
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 19086

Ion Ratio Lower Upper

43 100

72 23.2 20.3 30.5



#26

2,2-Dichloropropane

Concen: 6.016 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003295.D

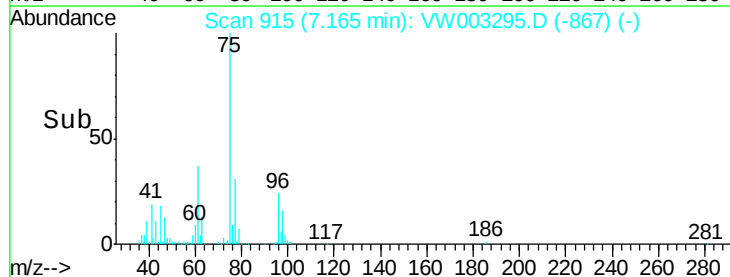
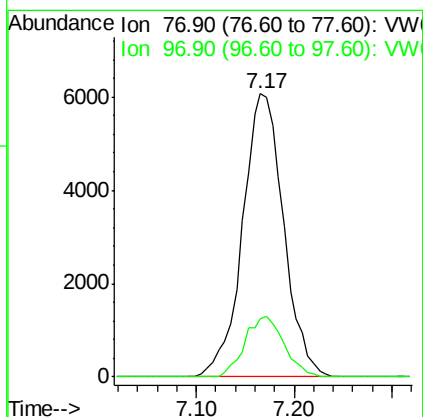
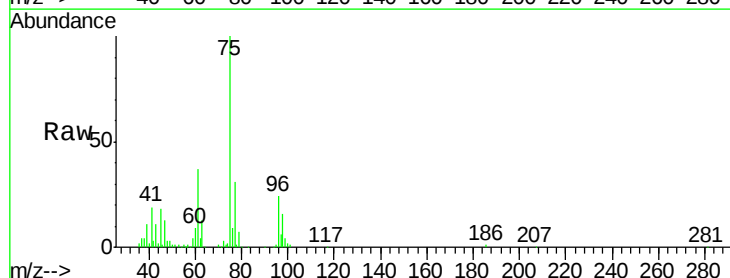
Acq: 15 Jun 2018 16:44

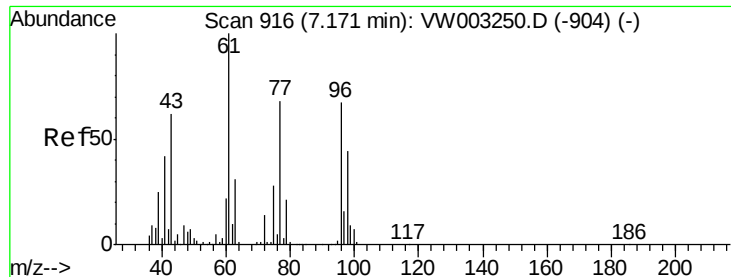
Tgt Ion: 77 Resp: 17616

Ion Ratio Lower Upper

77 100

97 20.3 11.3 33.9



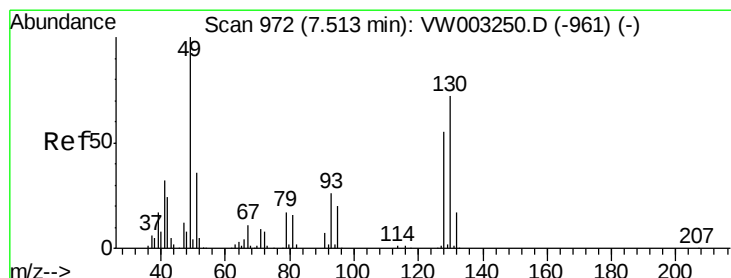
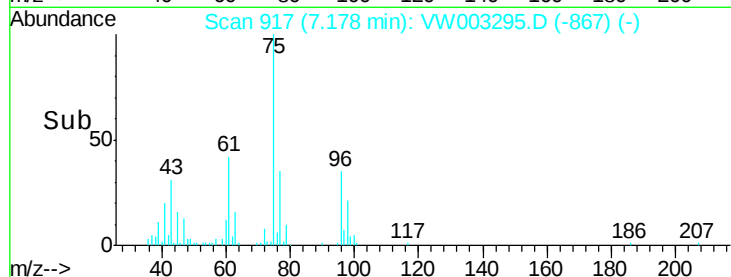
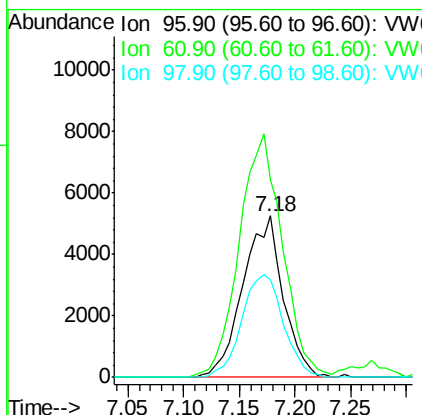
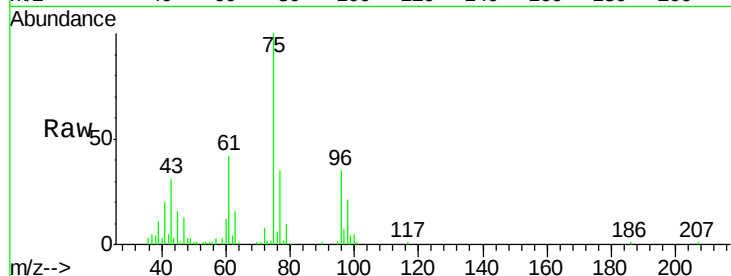


#27

cis-1,2-Dichloroethene
Concen: 5.224 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Instrument :
MSVOA_W
ClientSampled :

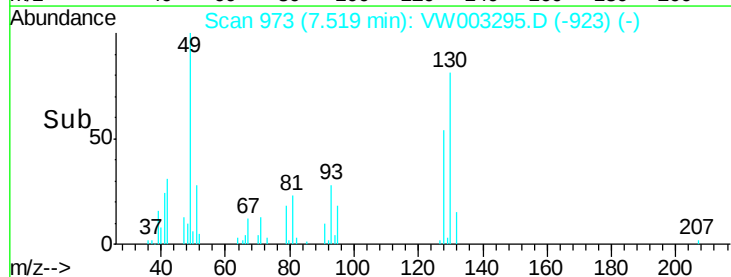
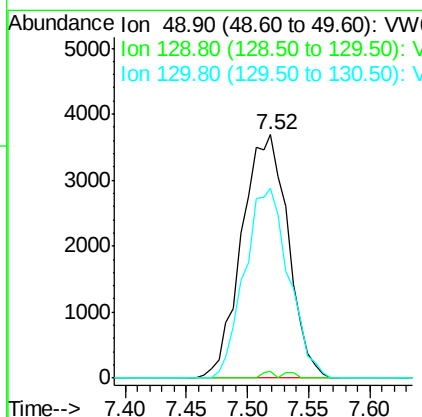
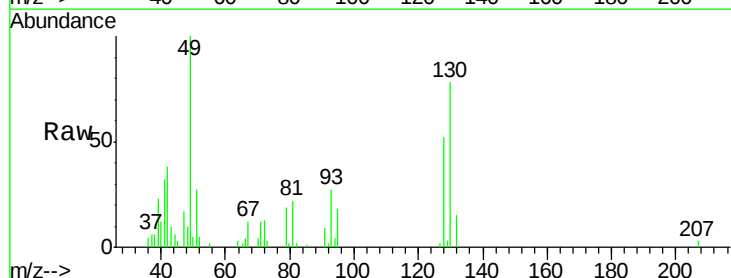
Tot Ion: 96 Resp: 13240
Ion Ratio Lower Upper
96 100
61 161.2 0.0 298.8
98 65.7 0.0 130.4

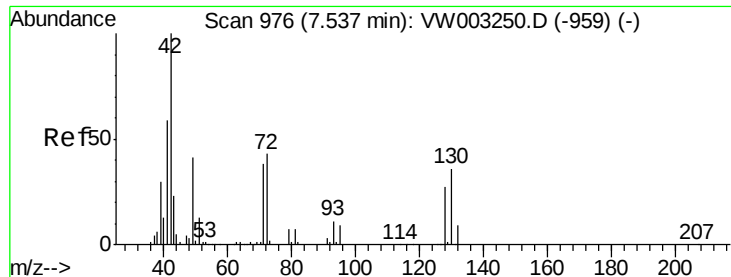


#28

Bromochloromethane
Concen: 5.308 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 49 Resp: 9690
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.6
130 74.5 59.4 89.2

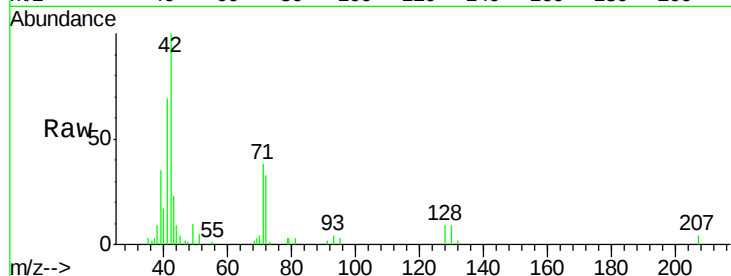




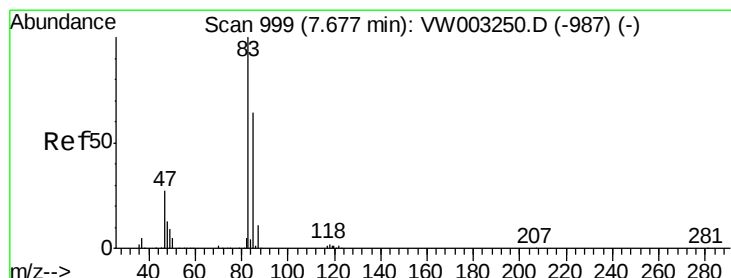
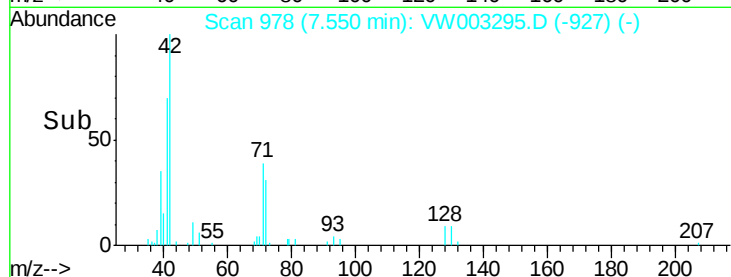
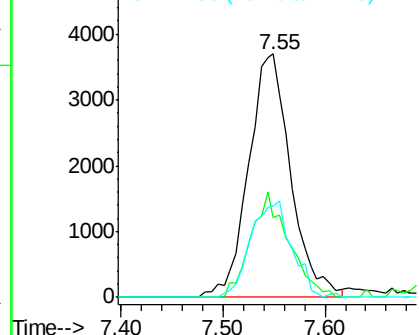
#29
Tetrahydrofuran
Concen: 26.286 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	32.4	48.6
71	38.1	31.2	46.8

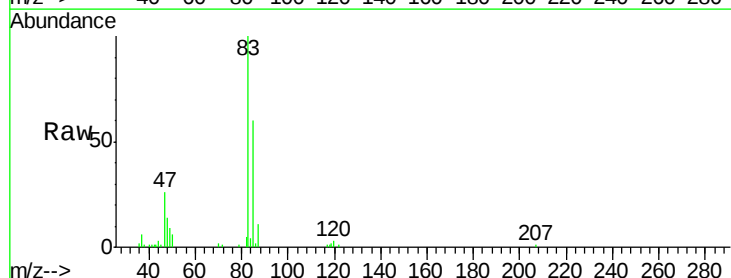


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

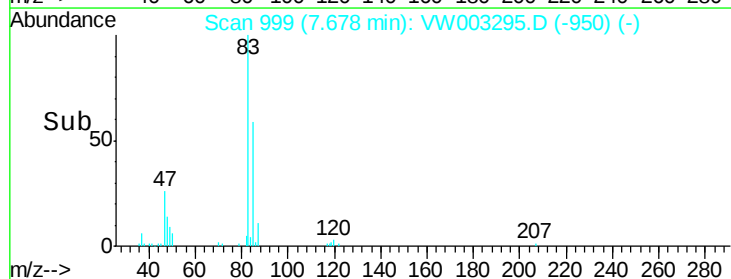
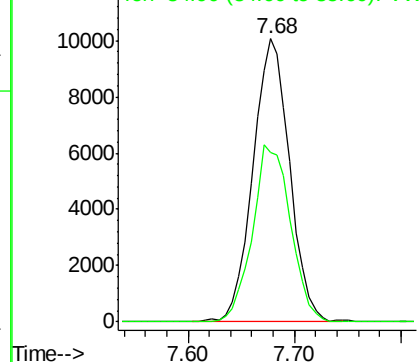


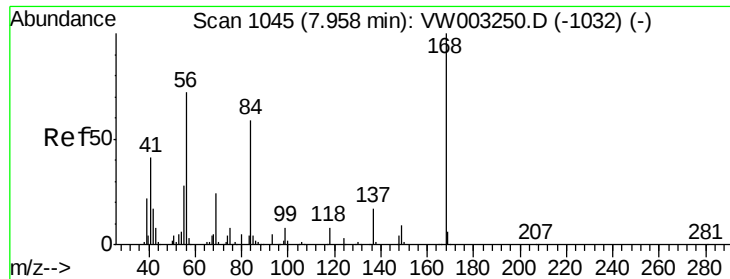
#30
Chloroform
Concen: 5.428 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.7	51.3	76.9



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

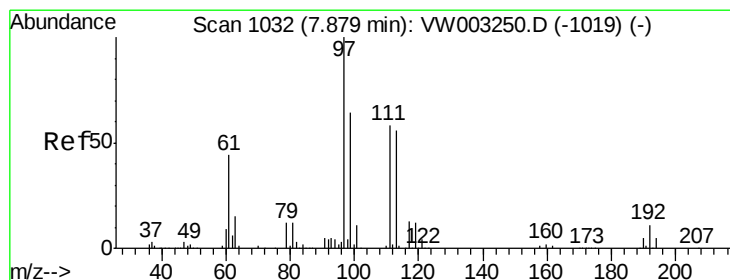
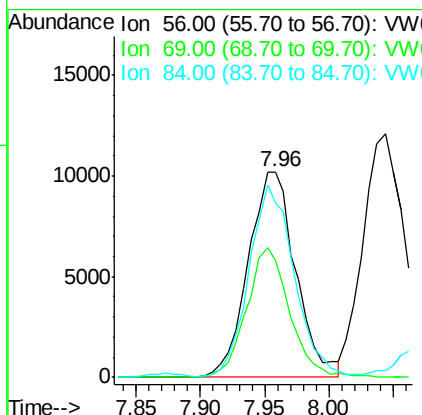
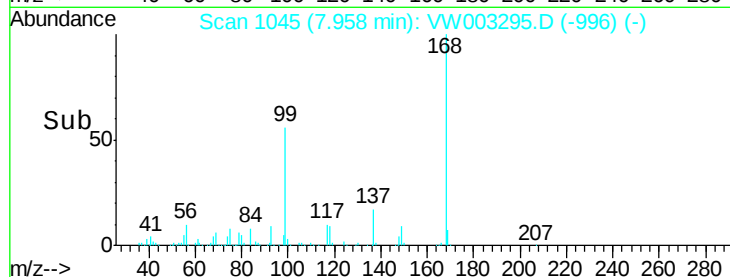
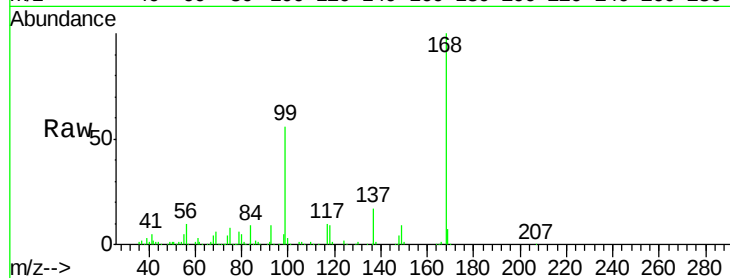




#31
Cyclohexane
Concen: 6.364 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

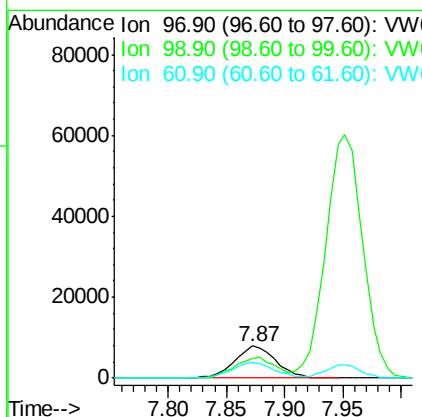
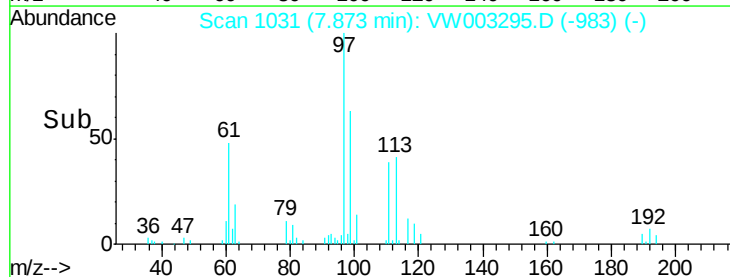
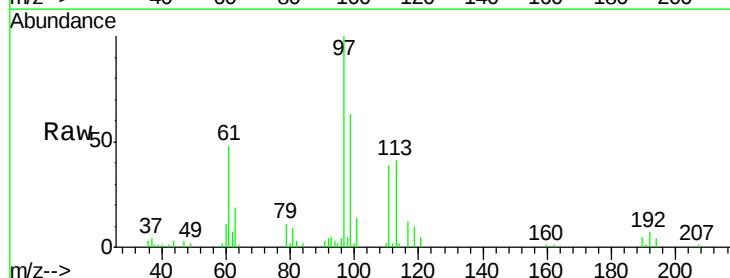
Instrument :
MSVOA_W
ClientSampled :

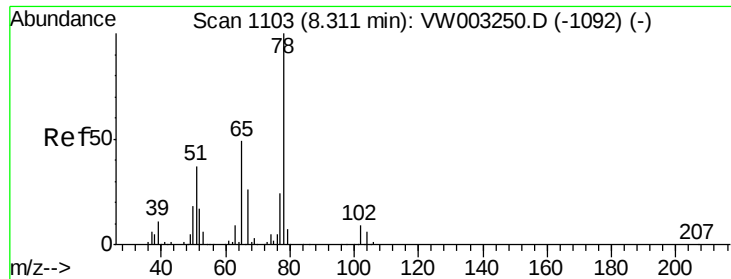
Tot Ion: 56 Resp: 26083
Ion Ratio Lower Upper
56 100
69 56.9 26.3 39.5#
84 84.1 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 5.284 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 97 Resp: 19493
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 50.2 37.6 56.4

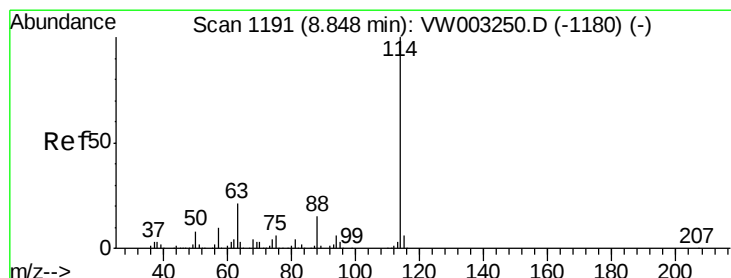
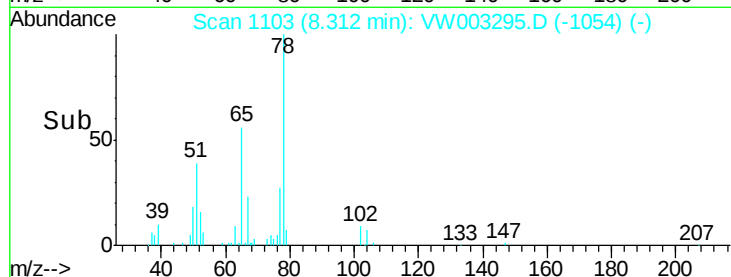
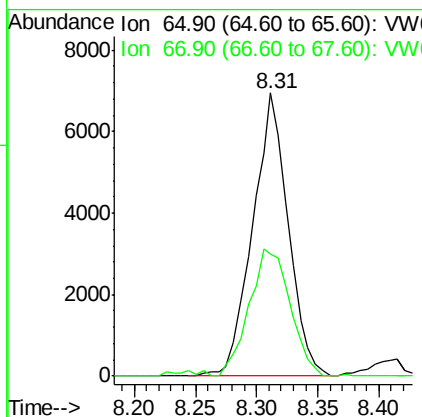
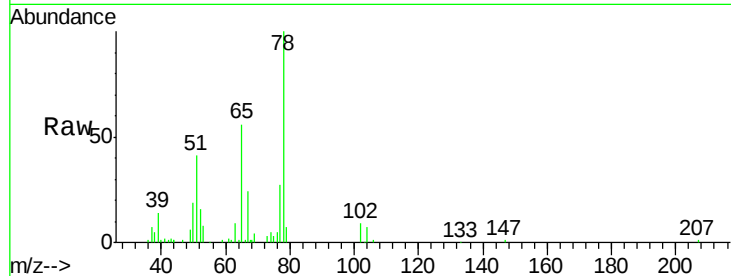




#33
 1,2-Dichloroethane-d4
 Concen: 5.539 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

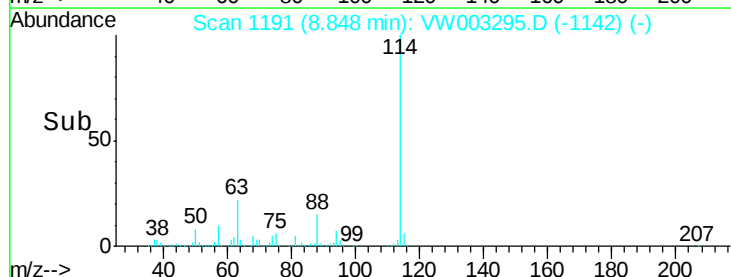
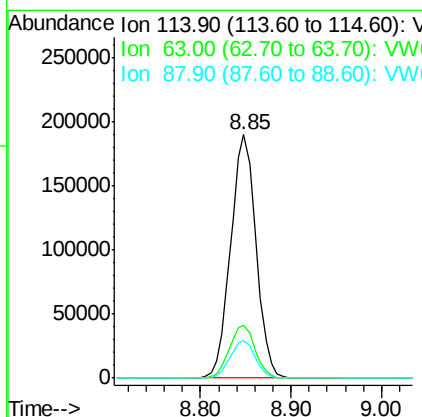
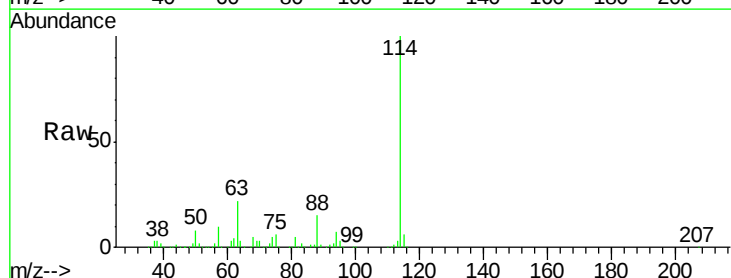
Instrument :
 MSVOA_W
 ClientSampleId :

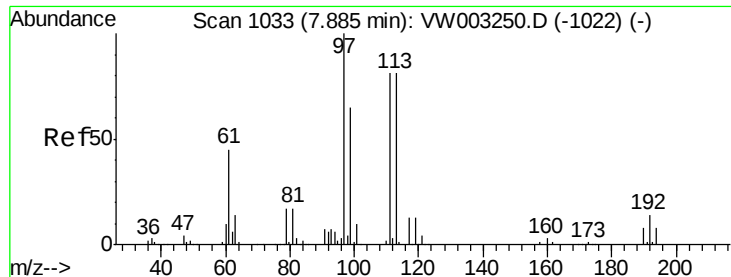
Tot Ion: 65 Resp: 14049
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Tgt Ion: 114 Resp: 367246
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 15.3 0.0 29.6

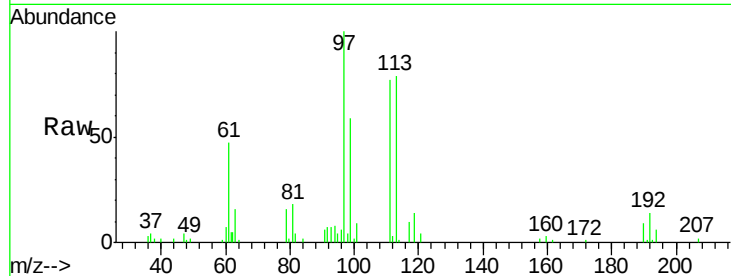




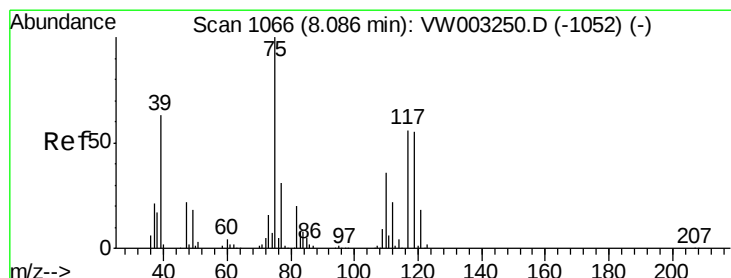
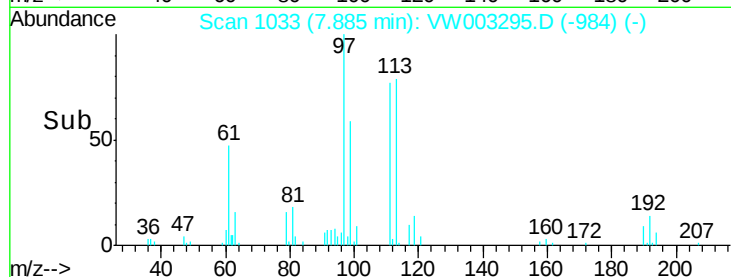
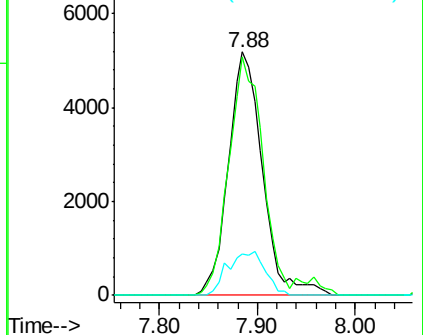
#35
 Dibromofluoromethane
 Concen: 5.500 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 12551
 Ion Ratio Lower Upper
 113 100
 111 97.2 82.2 123.2
 192 19.9 16.2 24.2

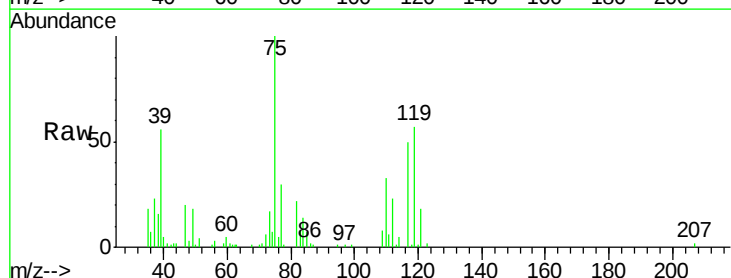


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

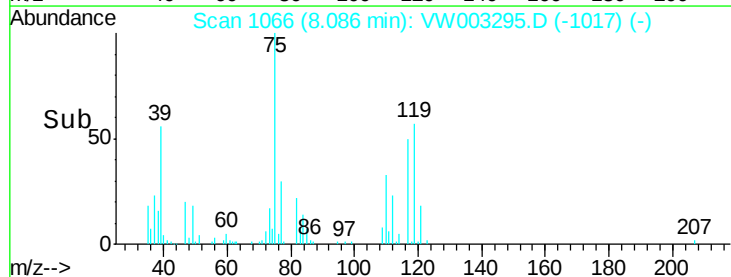
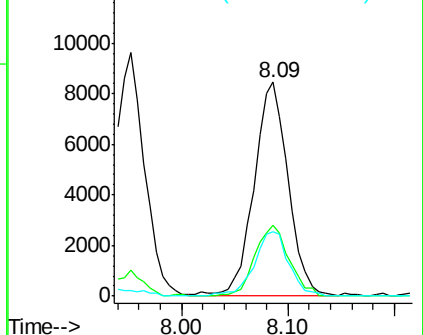


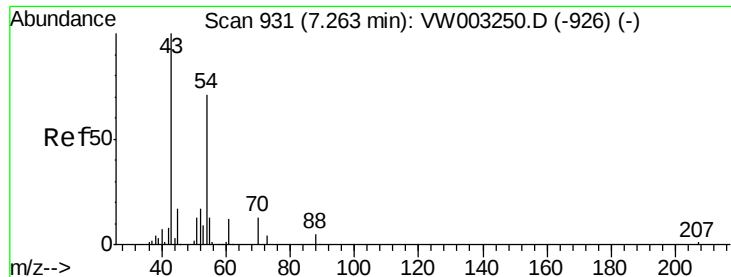
#36
 1,1-Dichloropropene
 Concen: 5.372 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Tgt Ion: 75 Resp: 19052
 Ion Ratio Lower Upper
 75 100
 110 32.9 17.1 51.3
 77 30.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

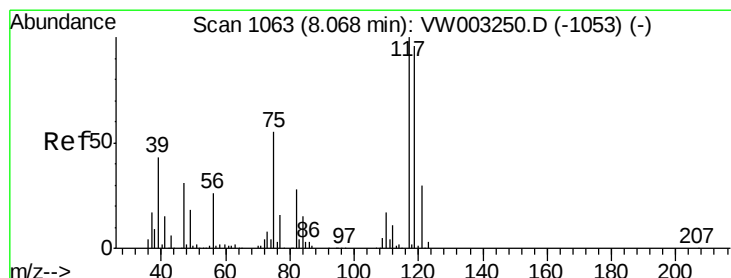
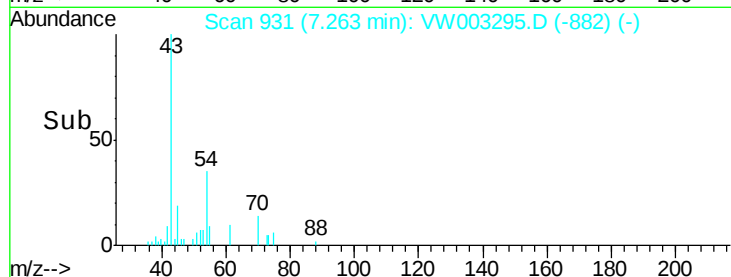
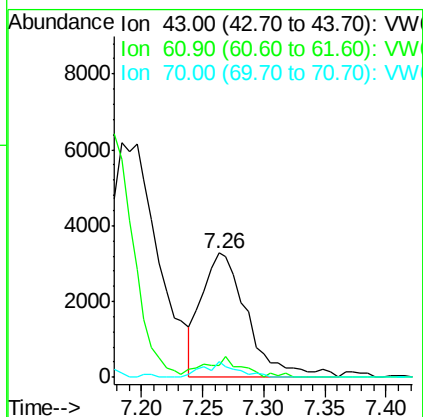
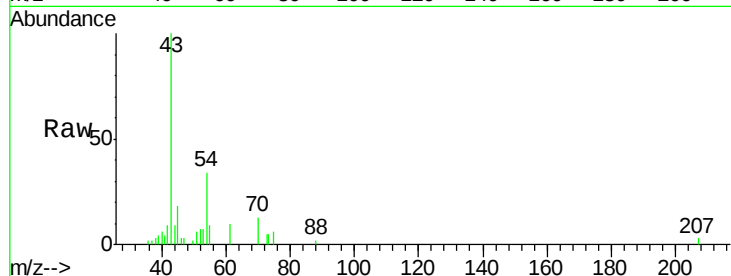




#37
Ethyl Acetate
Concen: 5.802 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

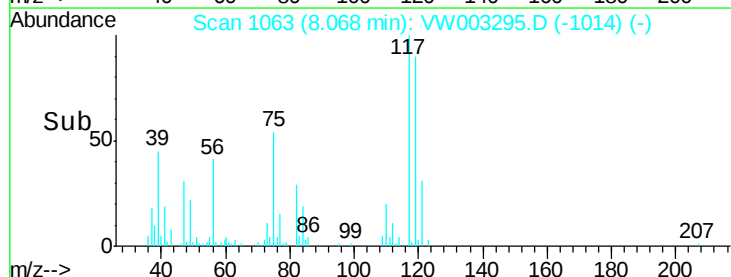
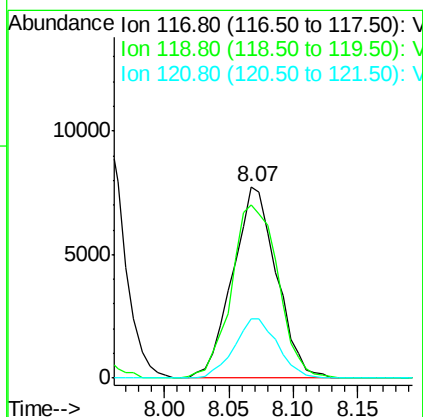
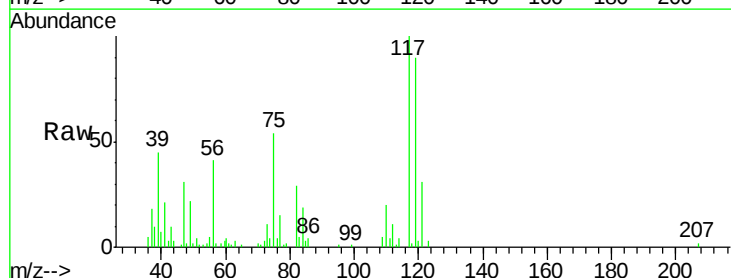
Instrument :
MSVOA_W
ClientSampled :

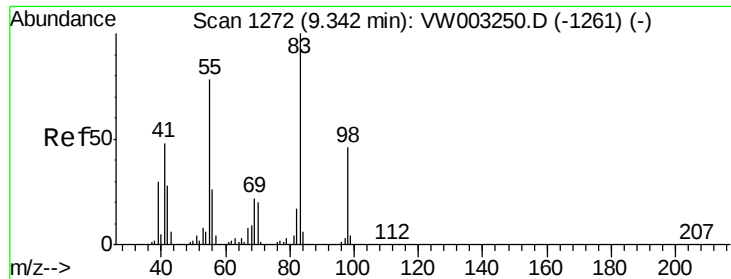
Tot Ion: 43 Resp: 8525
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 9.0 7.8 11.6



#38
Carbon Tetrachloride
Concen: 5.279 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 117 Resp: 18366
Ion Ratio Lower Upper
117 100
119 90.4 76.6 115.0
121 31.2 23.9 35.9

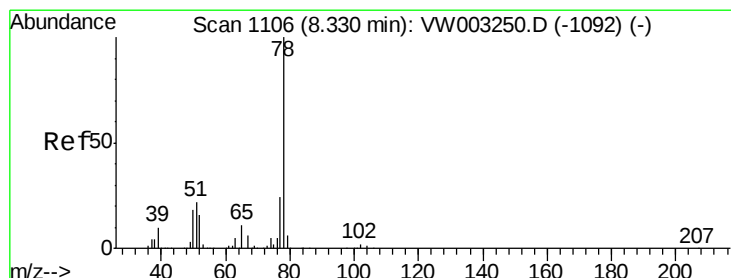
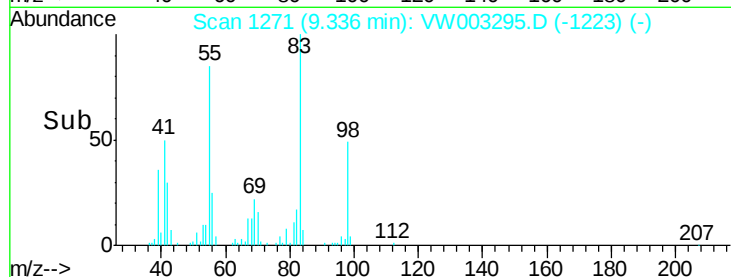
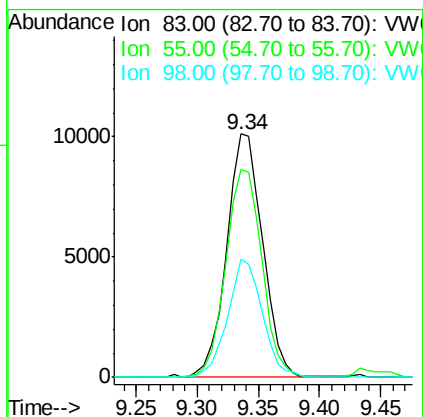
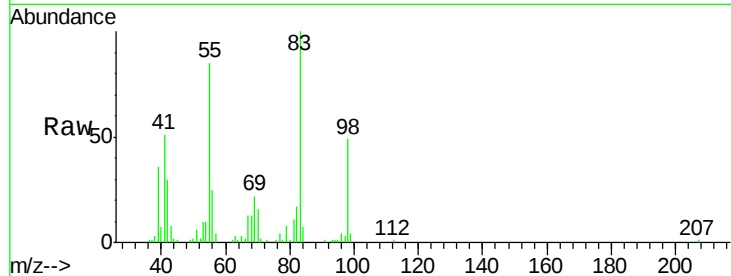




#39
Methvlcvclohexane
Concen: 5.004 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

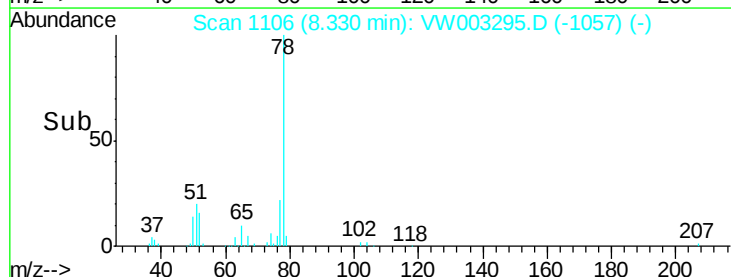
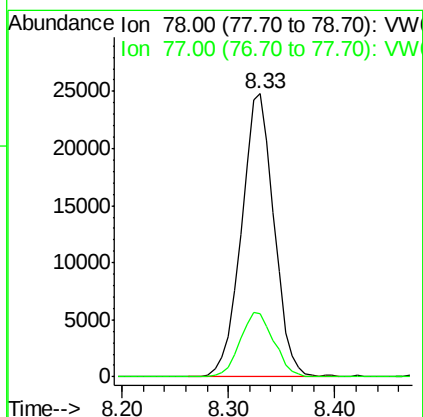
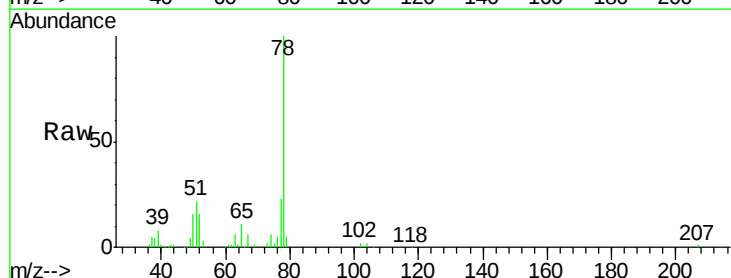
Instrument :
MSVOA_W
ClientSampled :

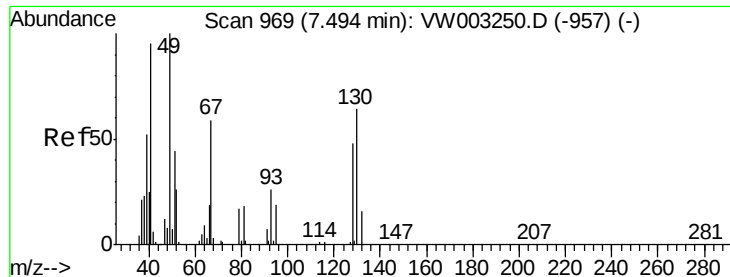
Tot Ion: 83 Resp: 20534
Ion Ratio Lower Upper
83 100
55 84.8 62.6 93.8
98 48.7 37.0 55.4



#40
Benzene
Concen: 5.445 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 78 Resp: 53235
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6





#41

Methacrylonitrile

Concen: 4.282 ug/l

RT: 7.49 min Scan# 969

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 41 Resp: 3861

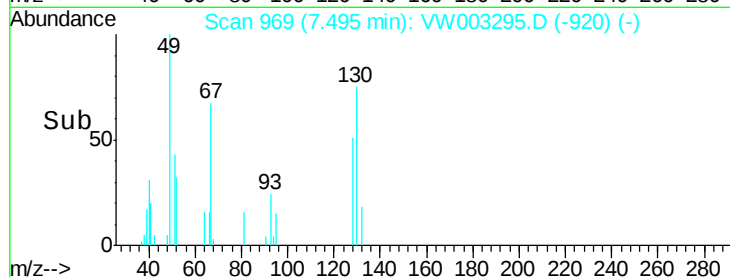
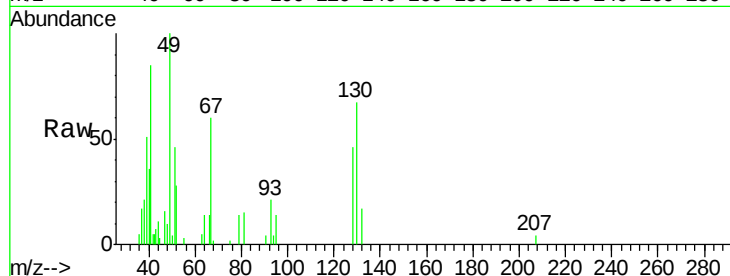
Ion Ratio Lower Upper

41 100

39 74.2 45.8 68.8#

67 85.3 52.3 78.5#

52 41.5 24.1 36.1#

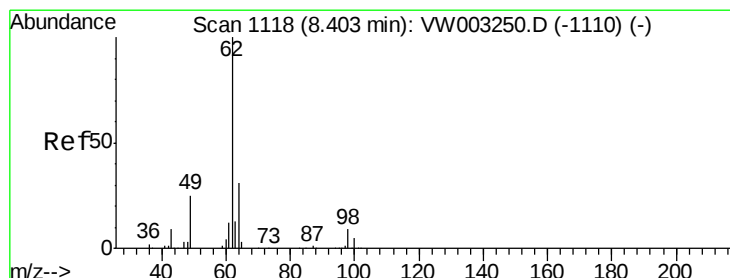
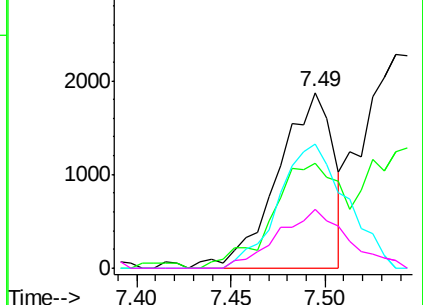


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 5.449 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003295.D

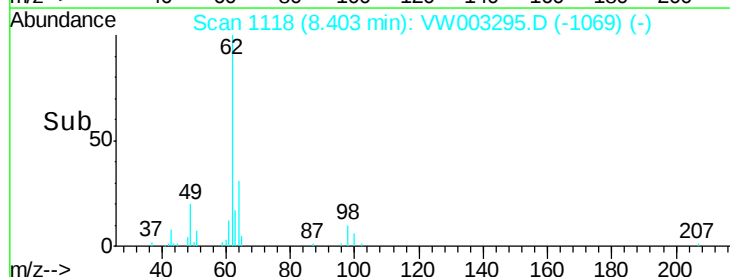
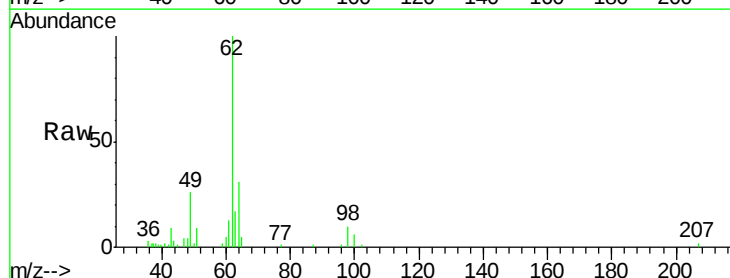
Acq: 15 Jun 2018 16:44

Tgt Ion: 62 Resp: 16689

Ion Ratio Lower Upper

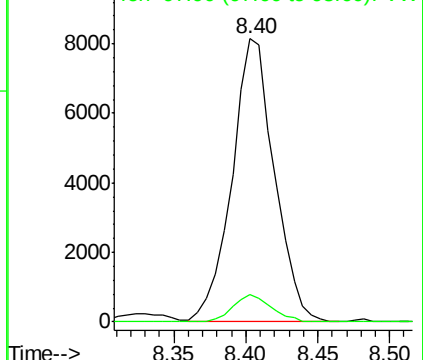
62 100

98 8.7 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 5.141 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

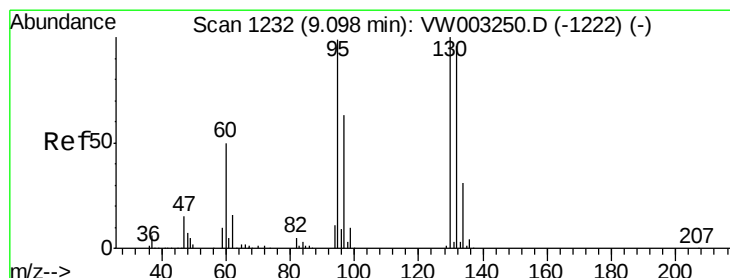
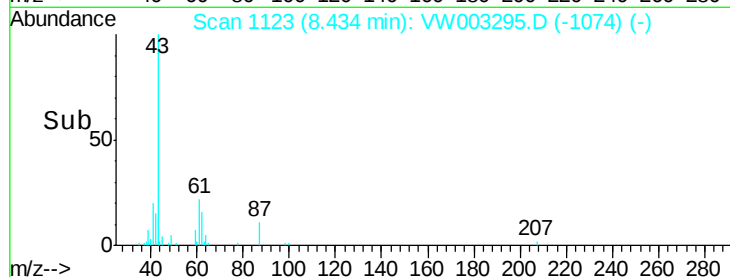
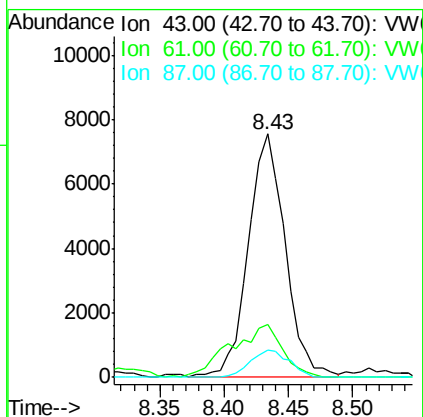
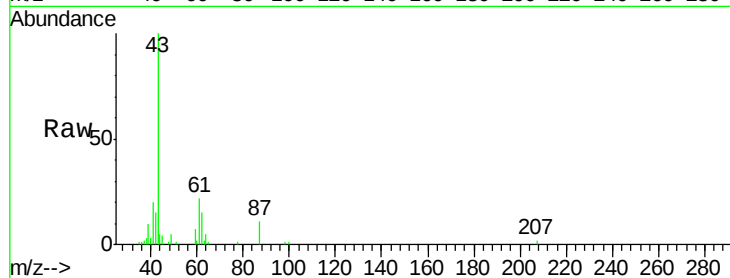
Tot Ion: 43 Resp: 14998

Ion Ratio Lower Upper

43 100

61 30.7 23.1 34.7

87 11.8 9.8 14.6



#44

Trichloroethene

Concen: 5.533 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003295.D

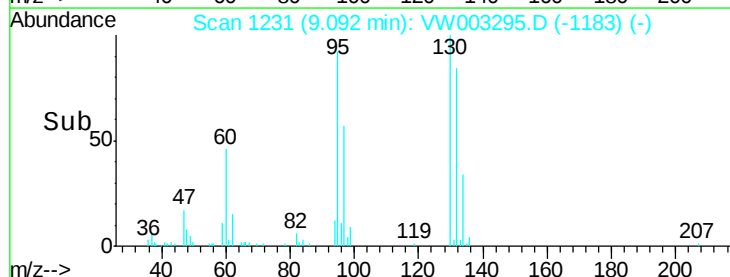
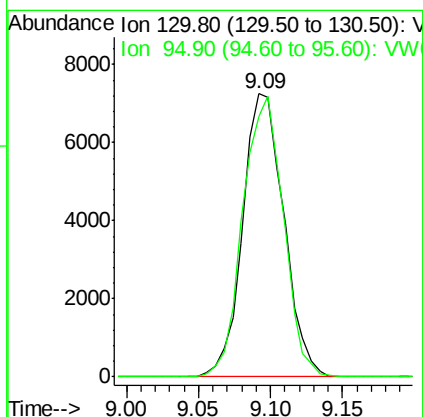
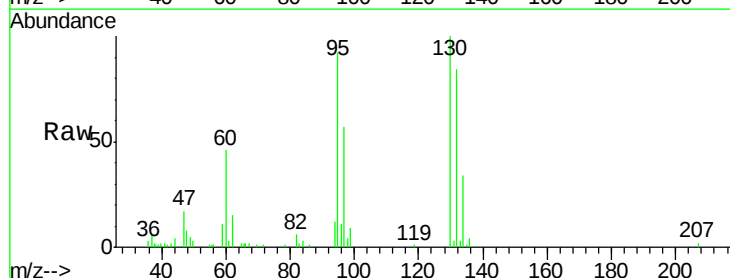
Acq: 15 Jun 2018 16:44

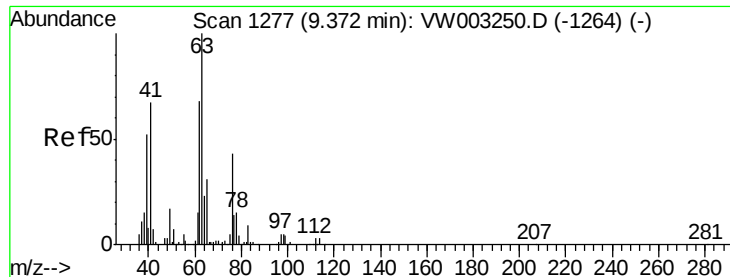
Tgt Ion: 130 Resp: 14332

Ion Ratio Lower Upper

130 100

95 91.8 0.0 198.0





#45

1,2-Dichloropropane

Concen: 5.336 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

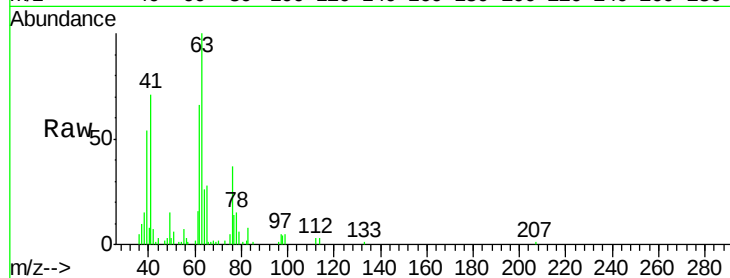
ClientSampleId :

Tot Ion: 63 Resp: 13283

Ion Ratio Lower Upper

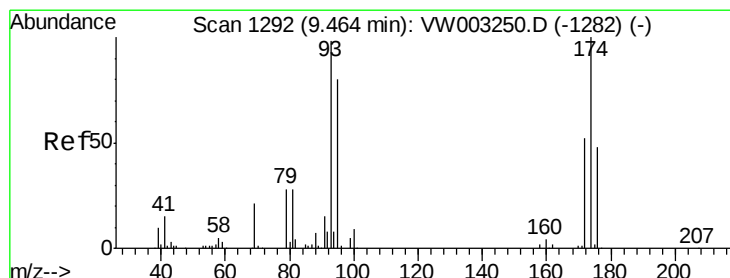
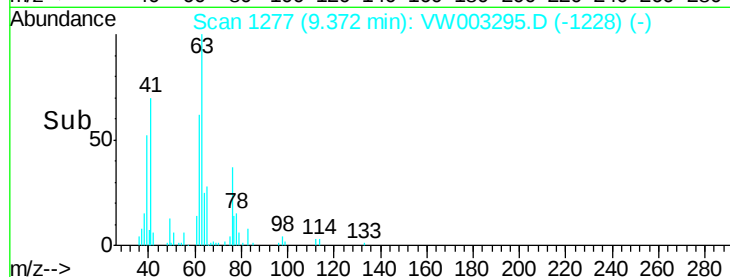
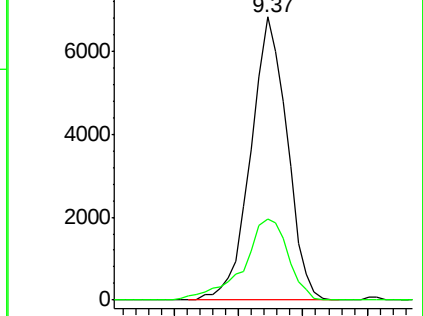
63 100

65 28.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 5.483 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

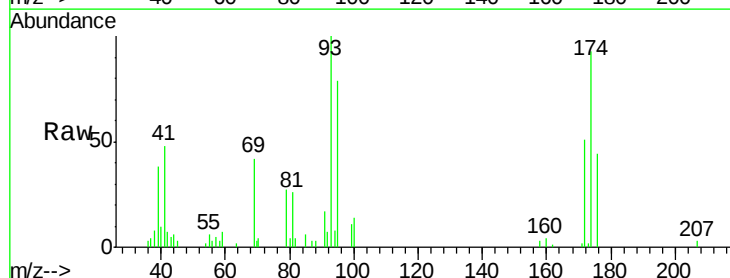
Tgt Ion: 93 Resp: 6988

Ion Ratio Lower Upper

93 100

95 79.0 65.8 98.8

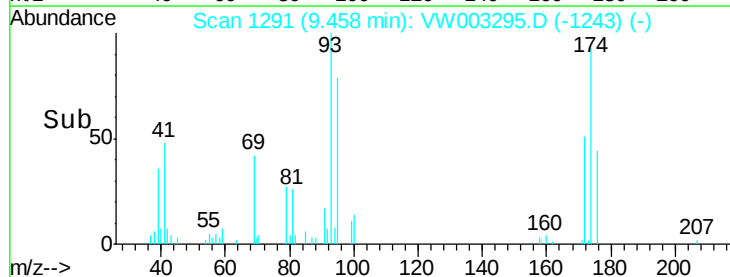
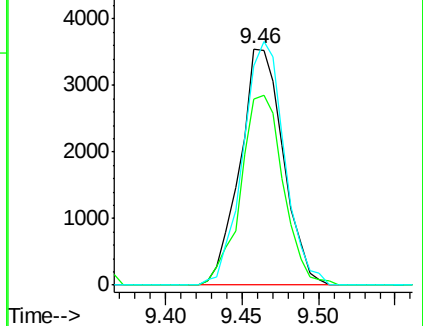
174 99.2 81.4 122.0

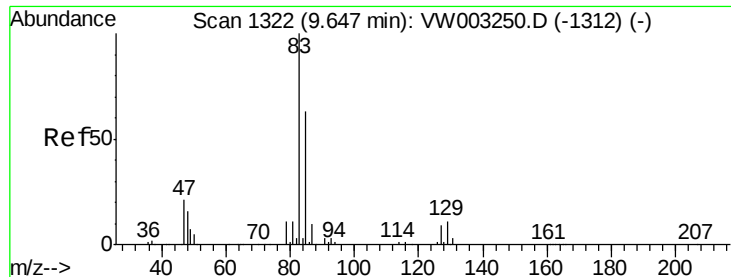


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.132 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :
MSVOA_W
ClientSampled :

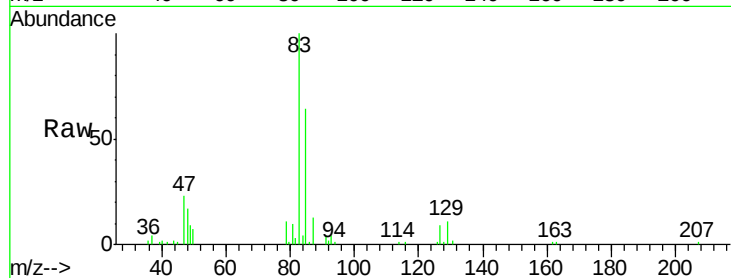
Tot Ion: 83 Resp: 16765

Ion Ratio Lower Upper

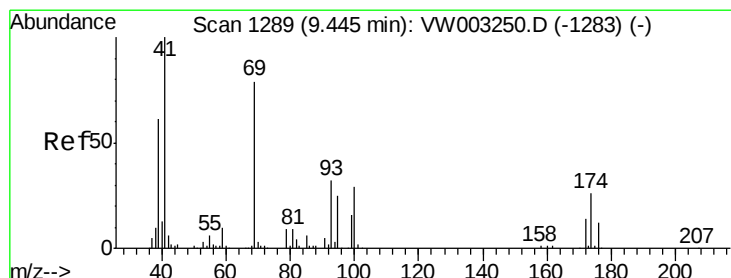
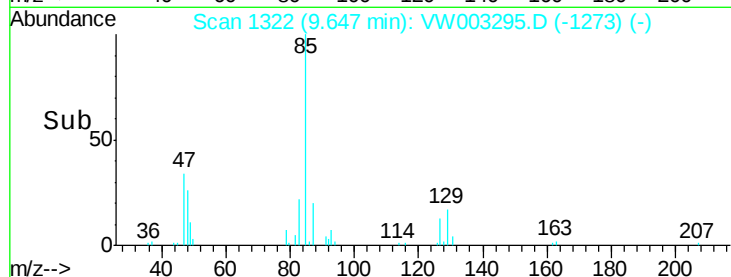
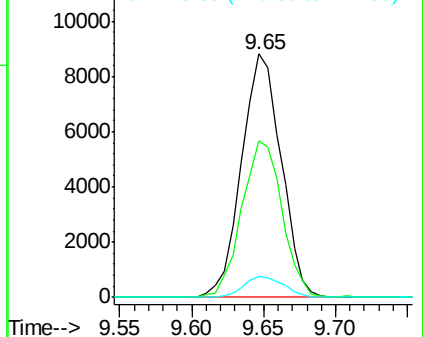
83 100

85 64.3 50.6 75.8

127 8.5 6.8 10.2



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



#48

Methyl methacrylate

Concen: 4.538 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

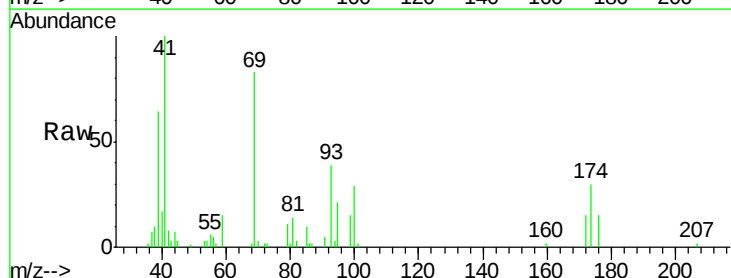
Tgt Ion: 41 Resp: 6222

Ion Ratio Lower Upper

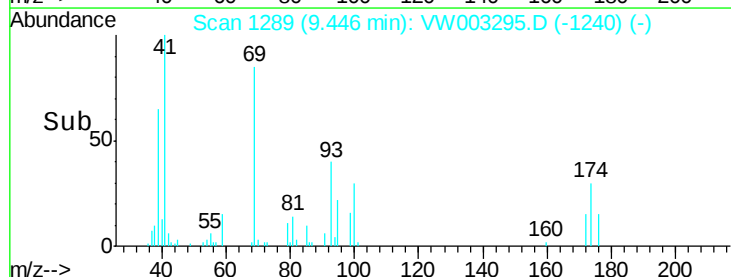
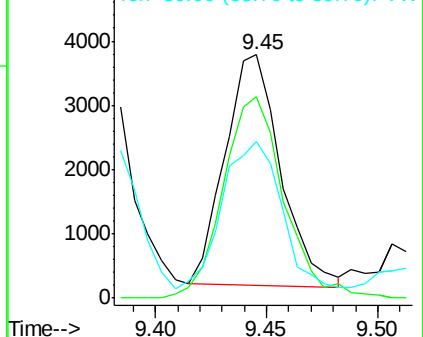
41 100

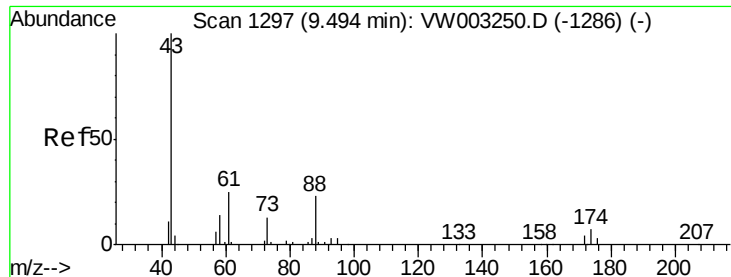
69 95.3 65.4 98.2

39 68.2 54.2 81.2



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

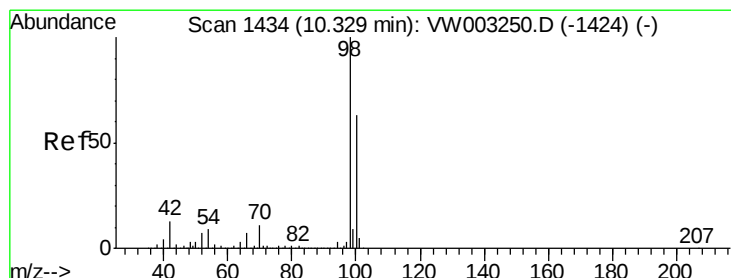
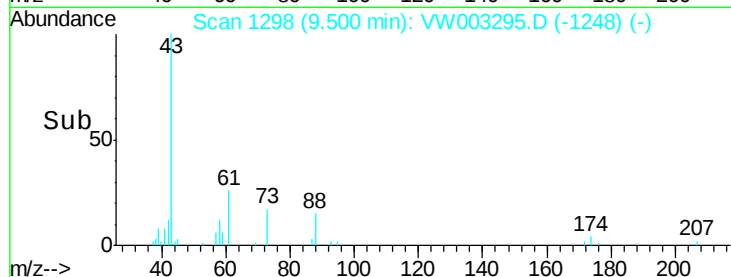
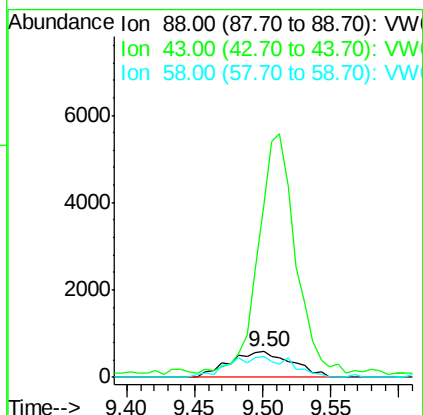
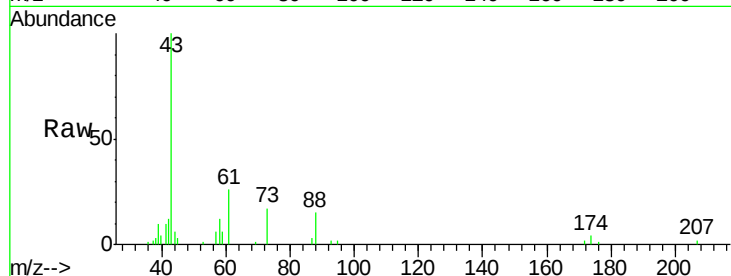




#49
1,4-Dioxane
Concen: 99.004 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

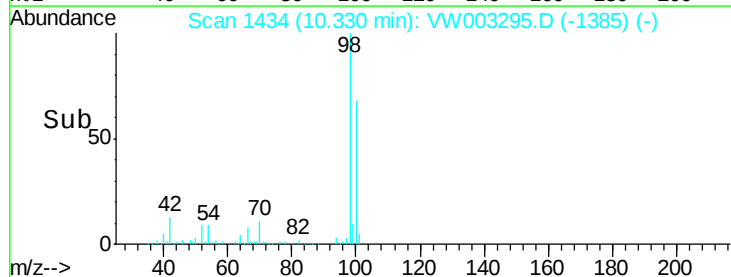
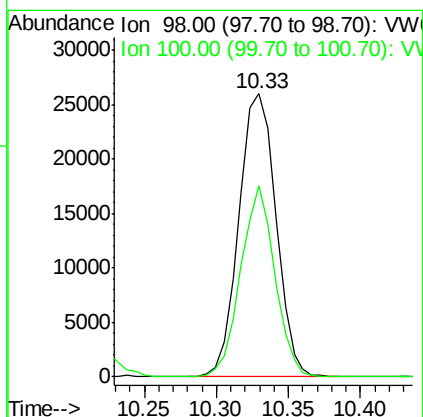
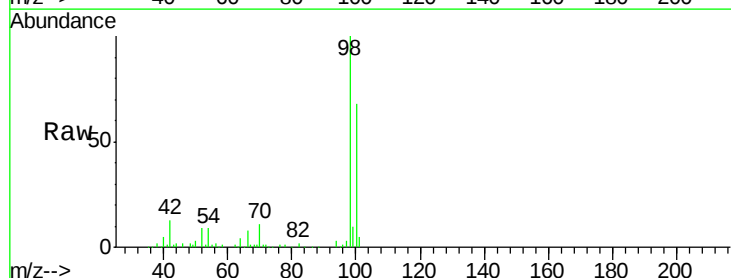
Instrument :
MSVOA_W
ClientSampleId :

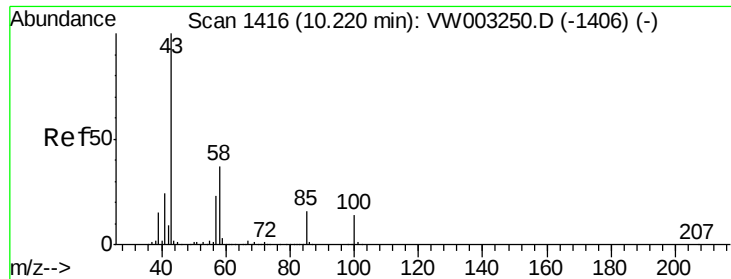
Tot Ion: 88 Resp: 1905
Ion Ratio Lower Upper
88 100
43 542.6 454.7 682.1
58 80.6 58.6 88.0



#50
Toluene-d8
Concen: 5.146 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 98 Resp: 46564
Ion Ratio Lower Upper
98 100
100 61.9 50.8 76.2

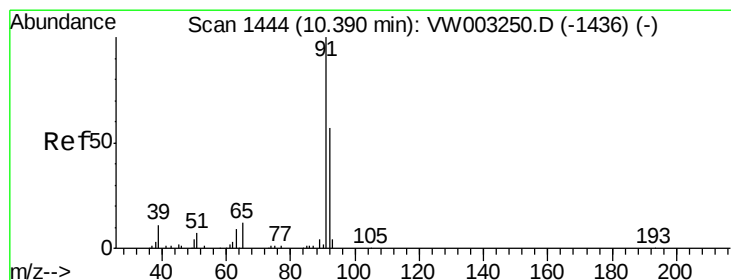
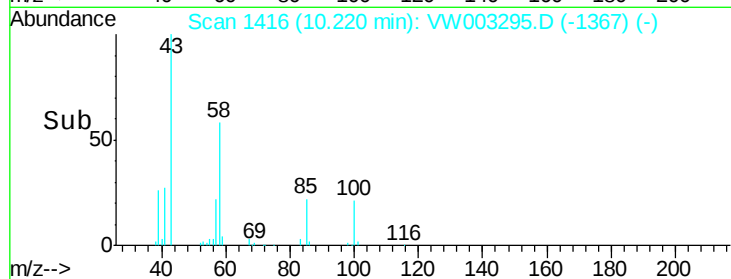
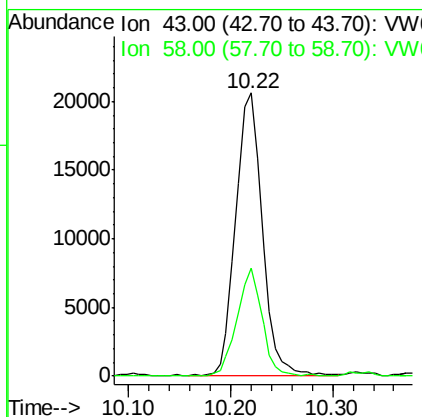
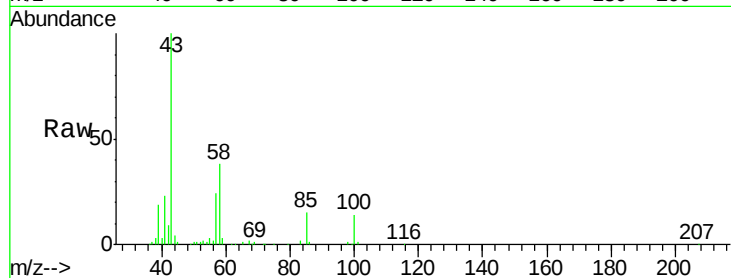




#51
4-Methyl-2-Pentanone
Concen: 25.276 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

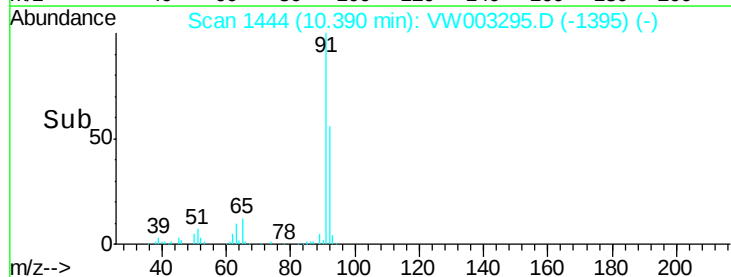
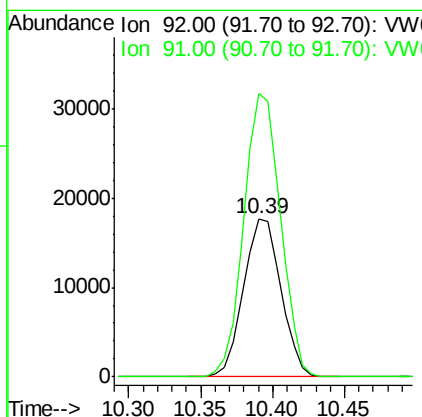
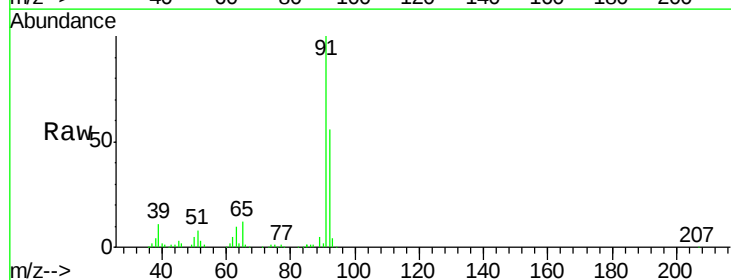
Instrument :
MSVOA_W
ClientSampled :

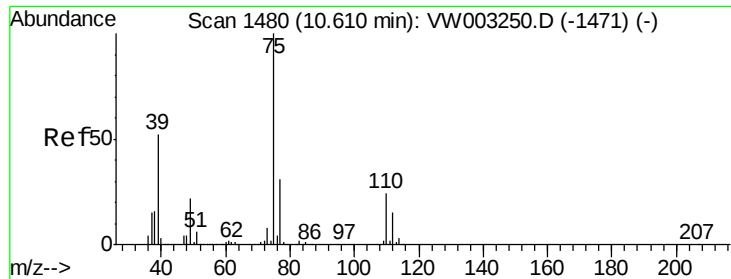
Tot Ion: 43 Resp: 37576
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.4



#52
Toluene
Concen: 5.071 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 92 Resp: 31790
Ion Ratio Lower Upper
92 100
91 176.1 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 4.825 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

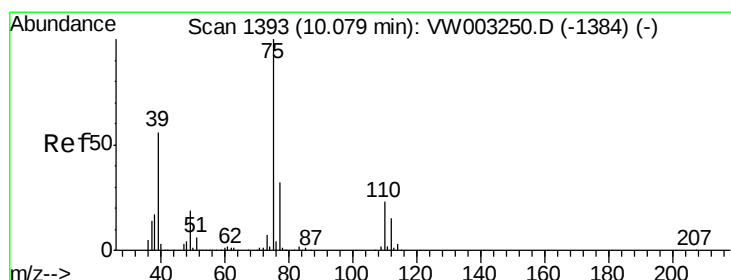
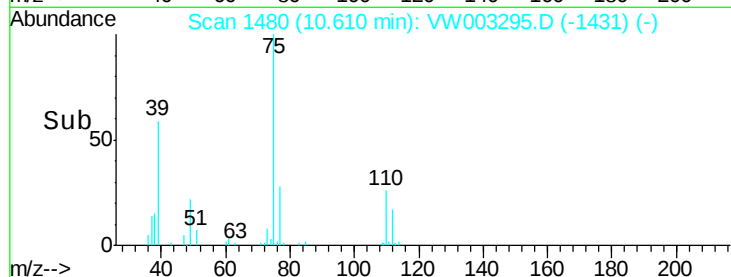
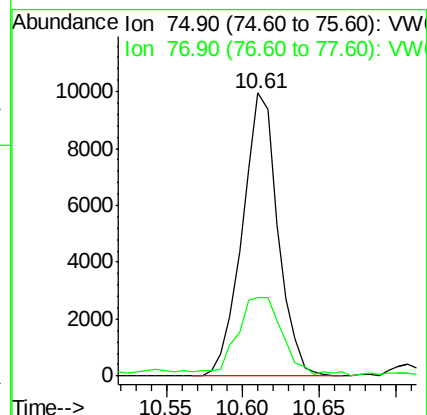
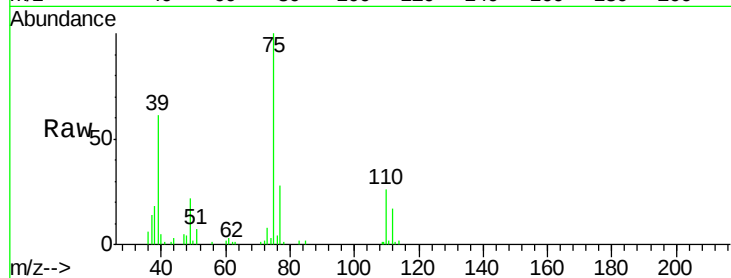
ClientSampled :

Tot Ion: 75 Resp: 16099

Ion Ratio Lower Upper

75 100

77 26.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 4.863 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

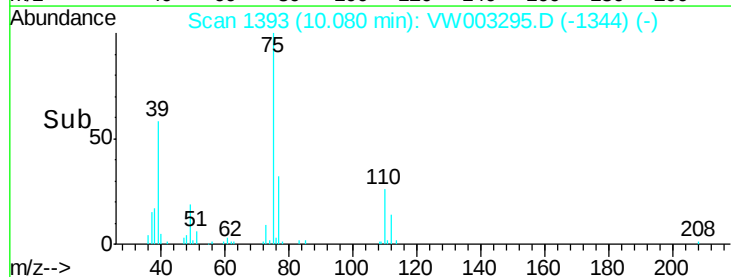
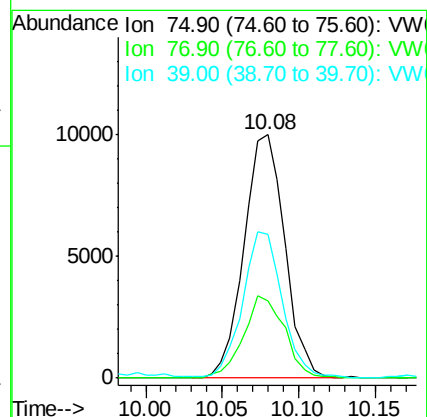
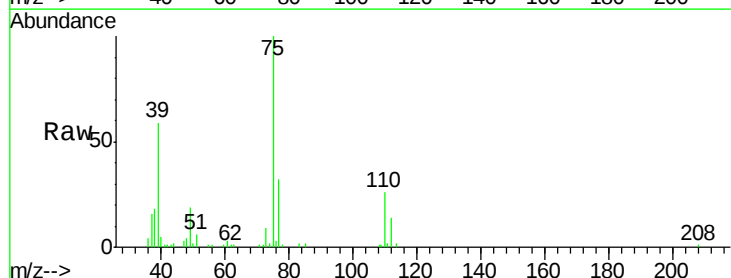
Tgt Ion: 75 Resp: 18470

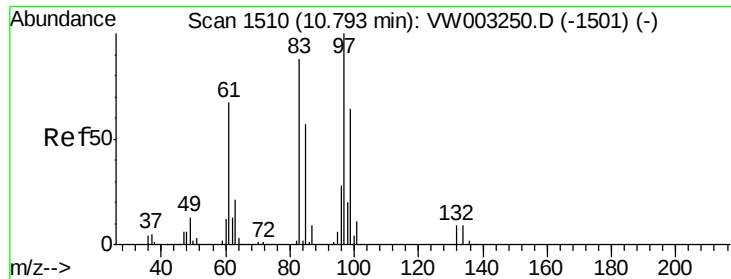
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 58.7 45.2 67.8

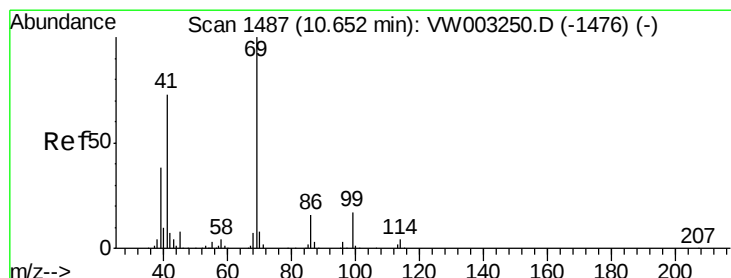
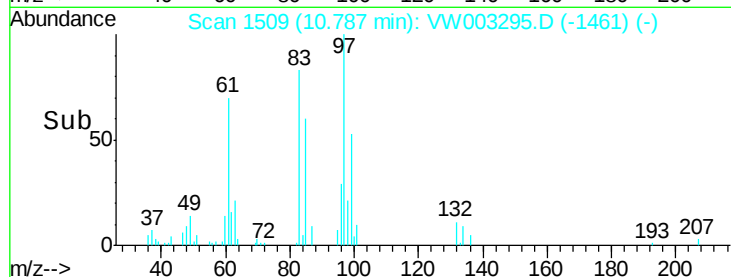
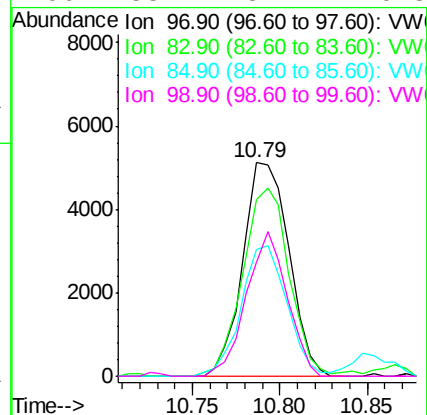
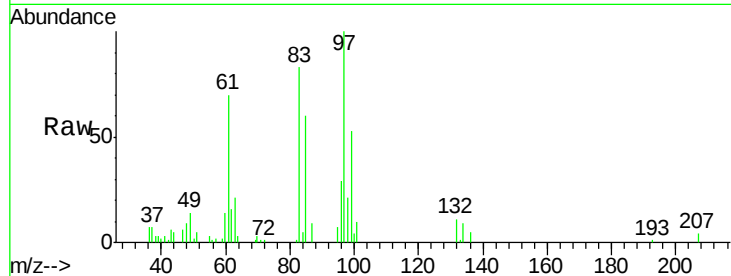




#55
 1,1,2-Trichloroethane
 Concen: 5.241 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

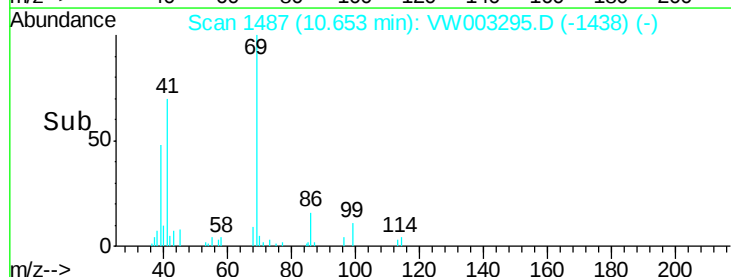
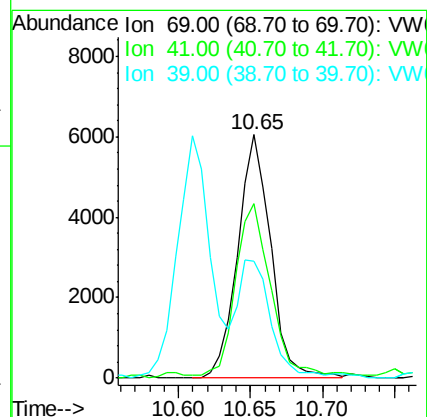
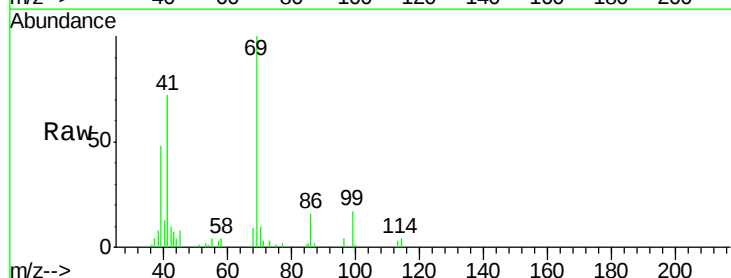
Instrument :
 MSVOA_W
 ClientSampleId :

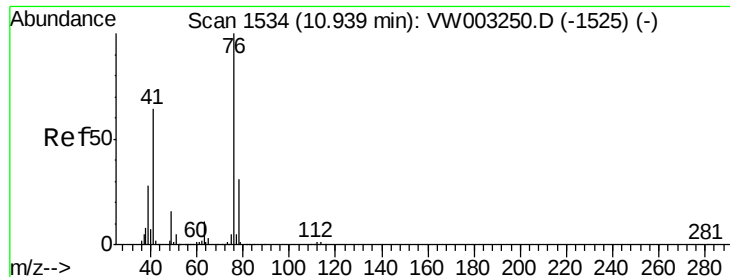
Tot Ion:	97	Resp:	9411
Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.2	105.2
85	59.5	45.6	68.4
99	53.2	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 4.435 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Tgt Ion:	69	Resp:	9672
Ion	Ratio	Lower	Upper
69	100		
41	75.2	57.8	86.6
39	49.8	32.7	49.1#





#57

1,3-Dichloropropane

Concen: 5.238 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

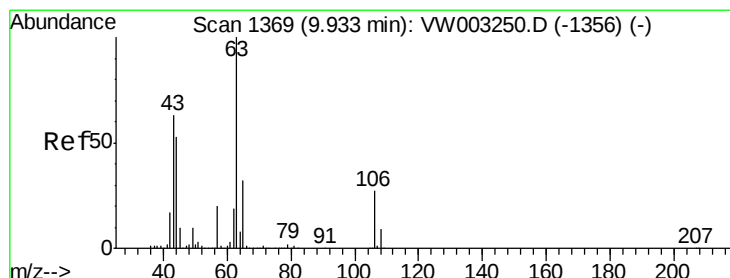
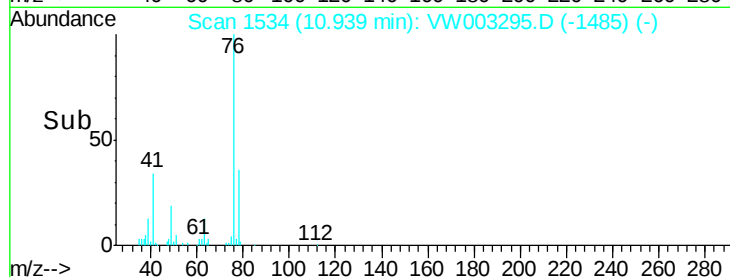
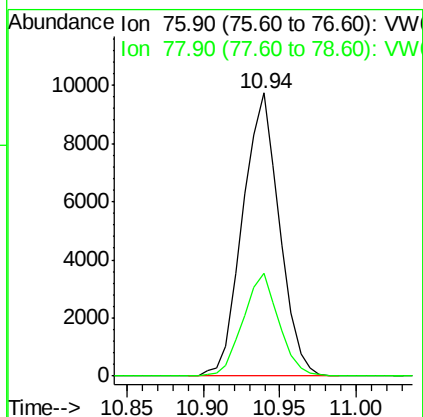
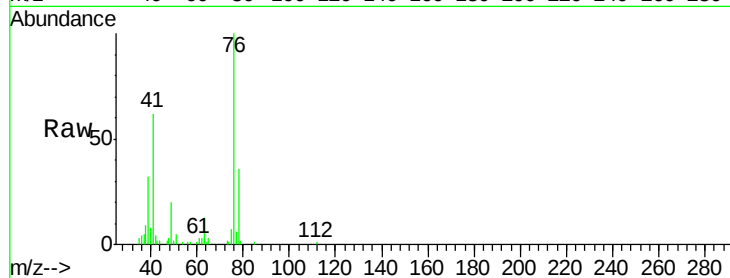
ClientSampled :

Tot Ion: 76 Resp: 16224

Ion Ratio Lower Upper

76 100

78 35.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 24.888 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW003295.D

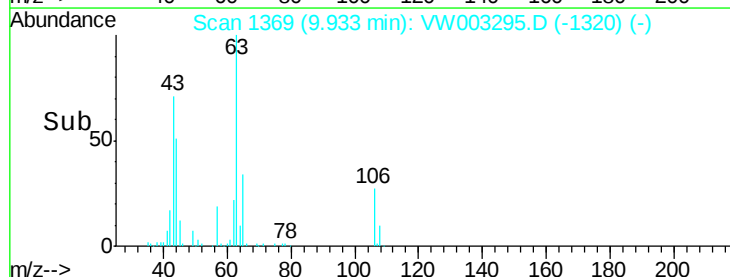
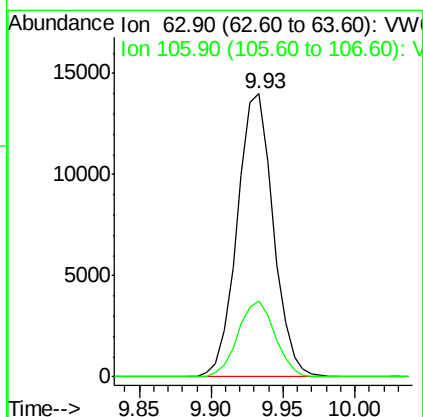
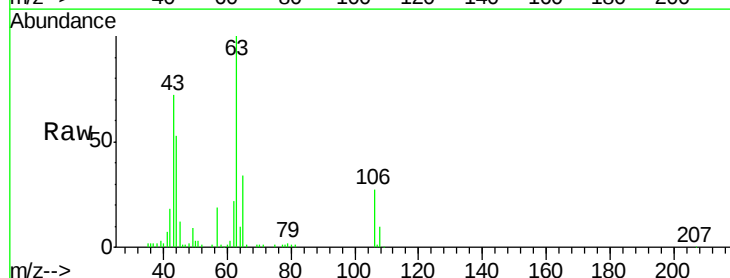
Acq: 15 Jun 2018 16:44

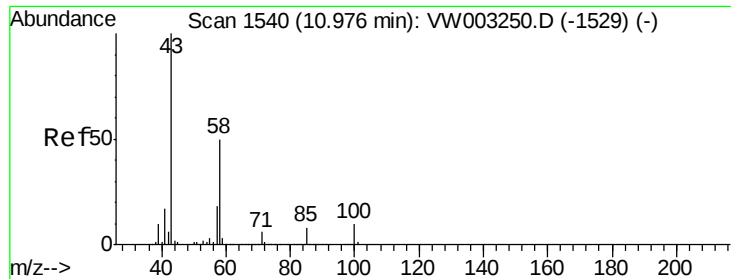
Tgt Ion: 63 Resp: 24329

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8

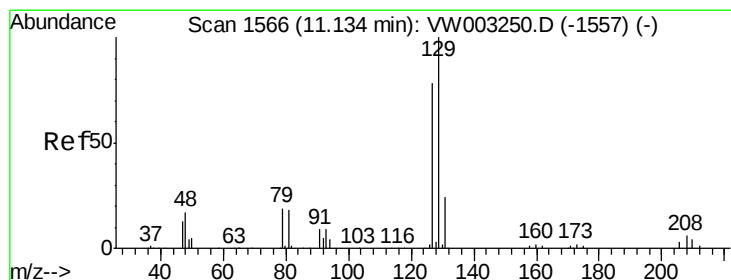
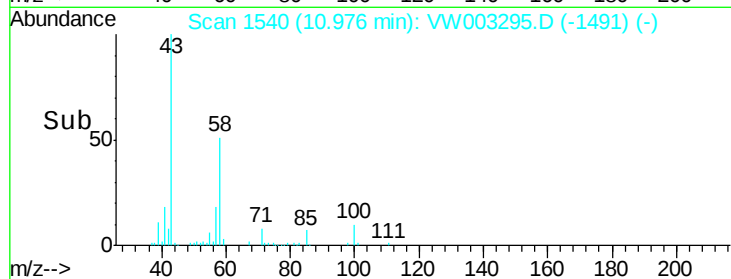
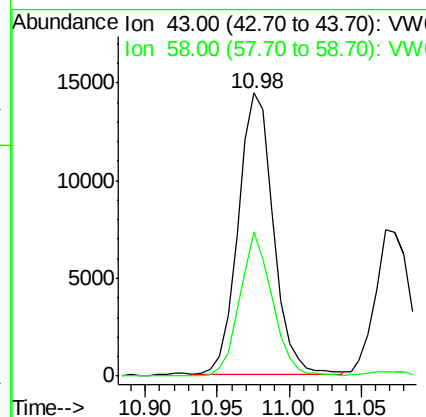
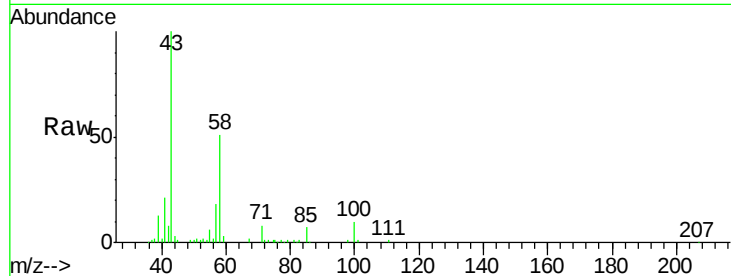




#59
2-Hexanone
Concen: 23.659 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

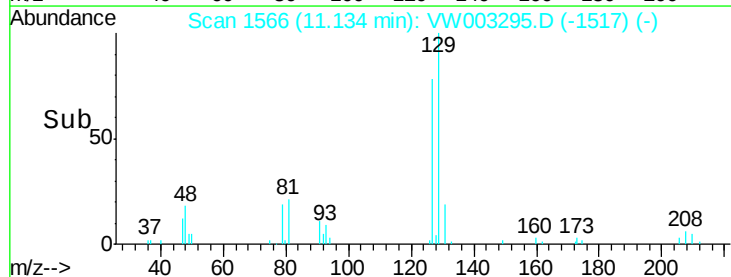
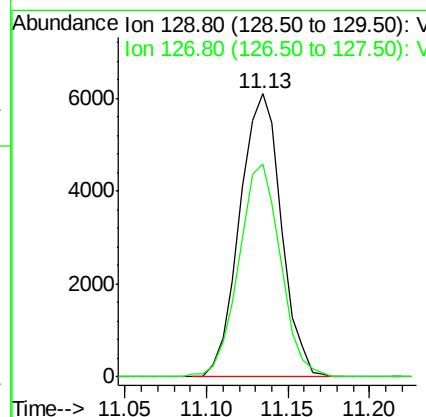
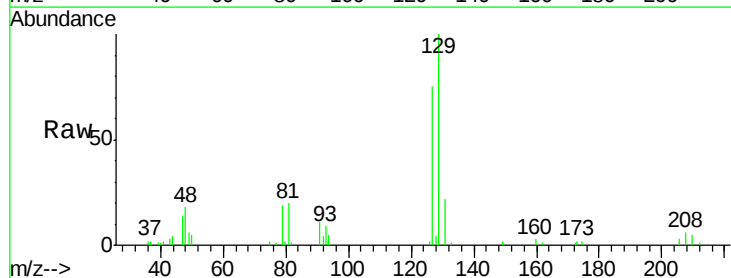
Instrument :
MSVOA_W
ClientSampleId :

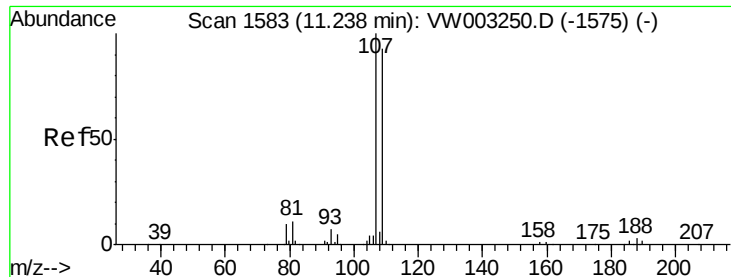
Tot Ion: 43 Resp: 24570
Ion Ratio Lower Upper
43 100
58 47.4 25.0 75.0



#60
Dibromochloromethane
Concen: 5.066 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 129 Resp: 10819
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.5





#61

1,2-Dibromoethane

Concen: 5.317 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

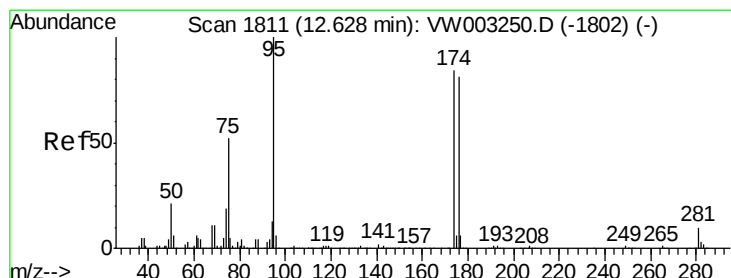
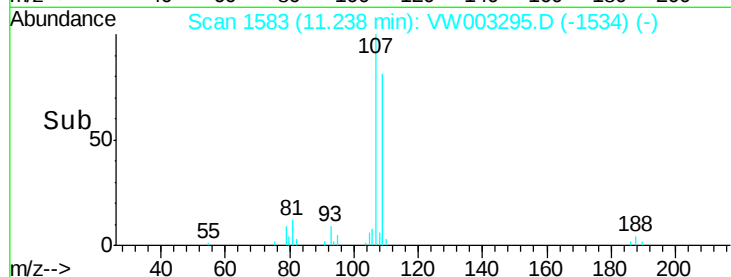
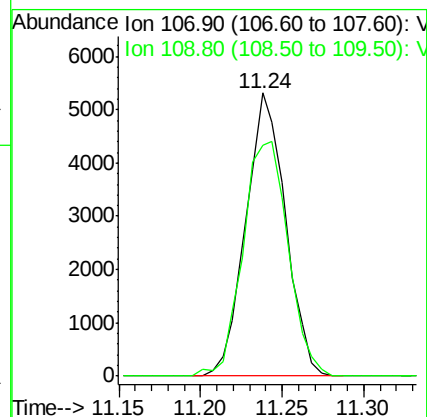
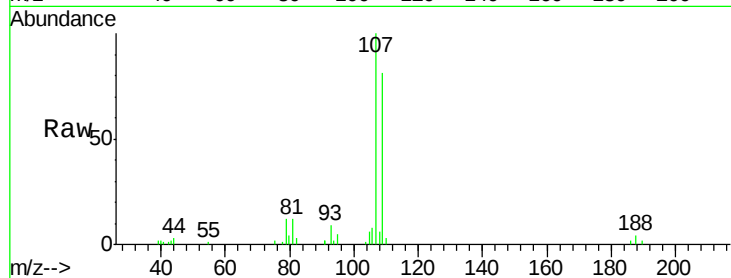
ClientSampleId :

Tot Ion:107 Resp: 9031

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 5.079 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

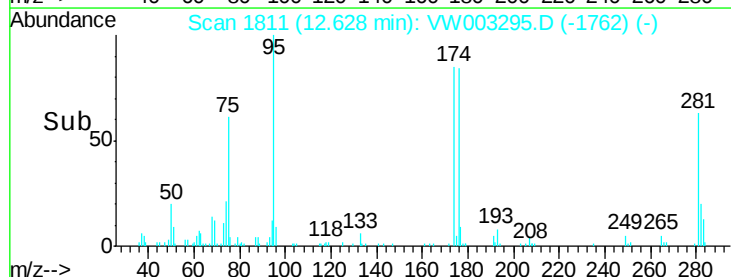
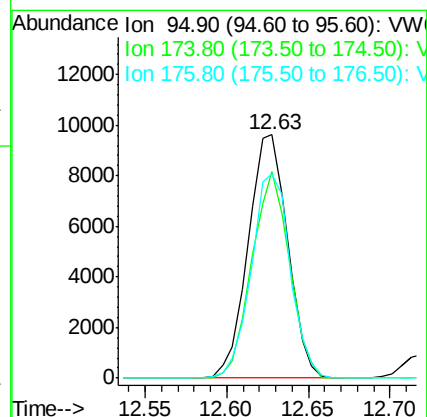
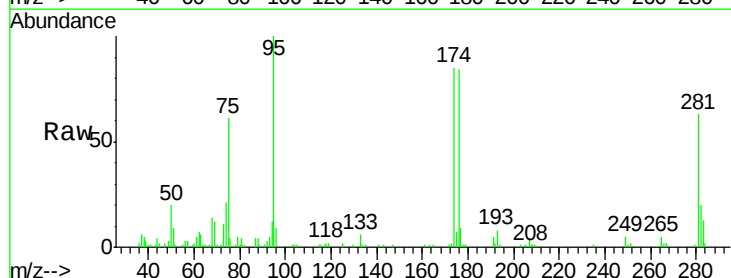
Tgt Ion: 95 Resp: 16265

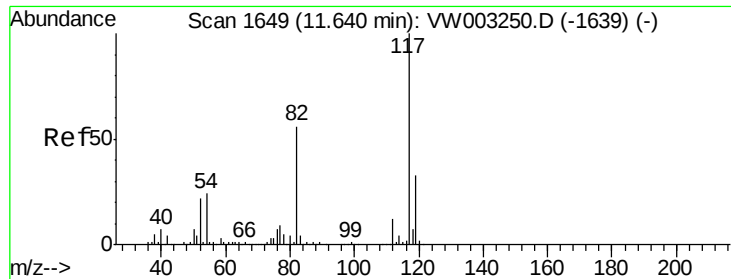
Ion Ratio Lower Upper

95 100

174 80.6 0.0 166.4

176 82.7 0.0 162.0

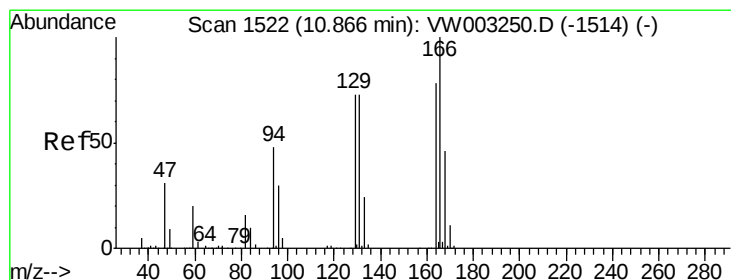
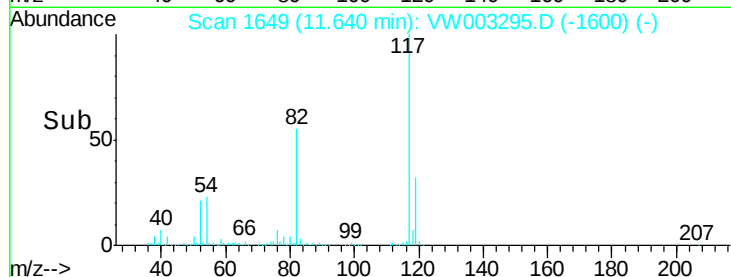
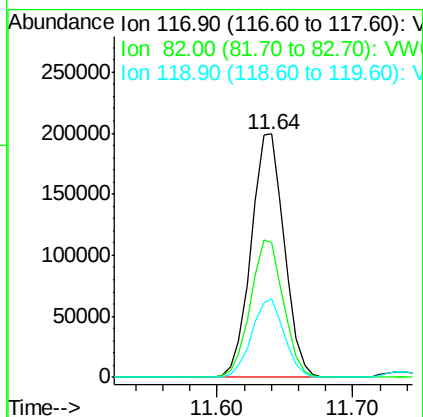
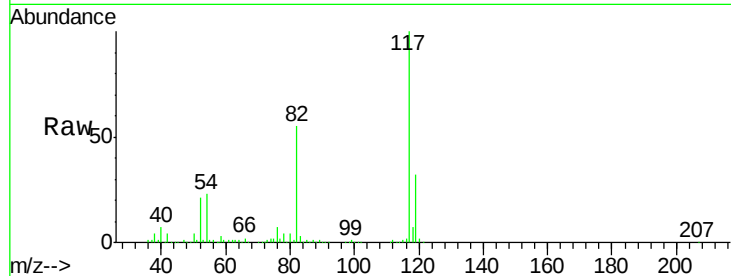




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

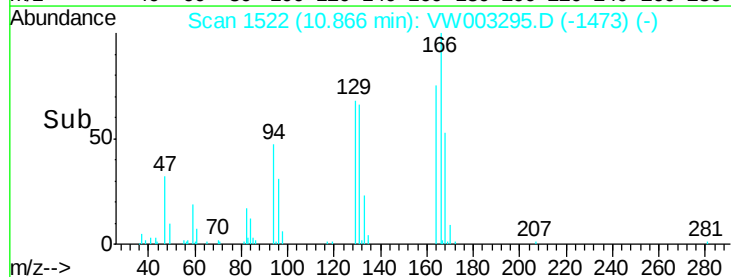
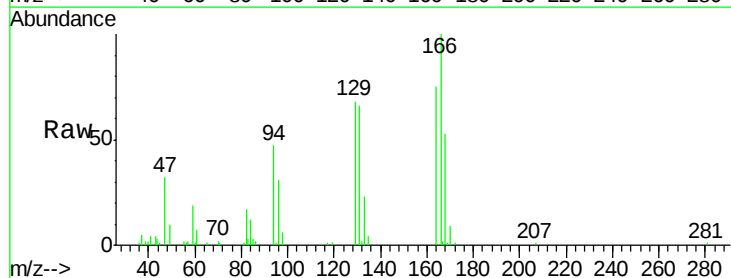
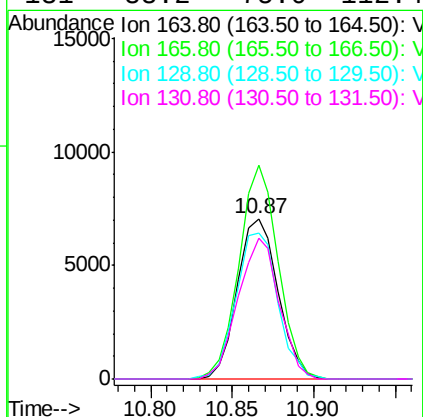
Instrument :
MSVOA_W
ClientSampled :

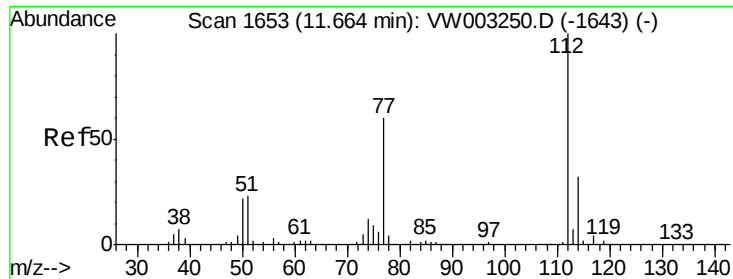
Tot Ion:117 Resp: 340462
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.2 26.7 40.1



#64
Tetrachloroethene
Concen: 5.382 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion:164 Resp: 12256
Ion Ratio Lower Upper
164 100
166 133.5 102.6 154.0
129 91.3 75.2 112.8
131 88.2 75.0 112.4

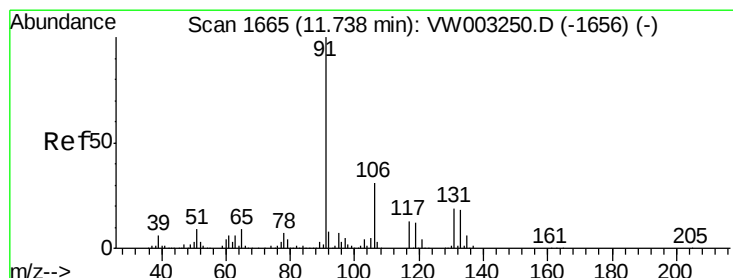
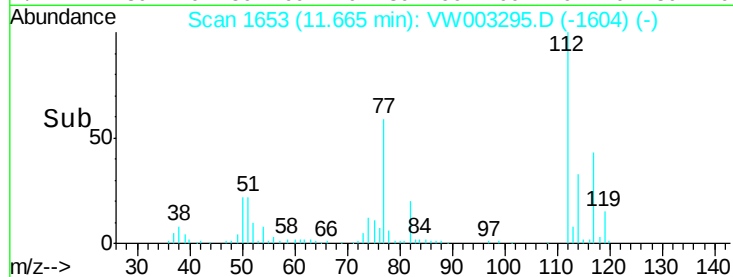
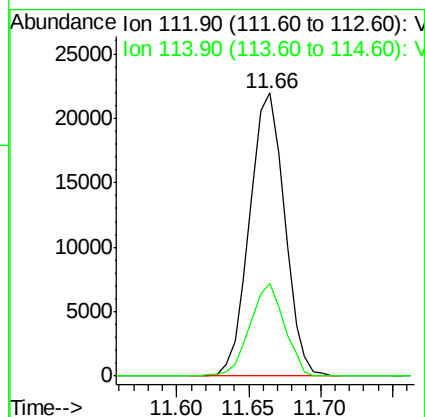
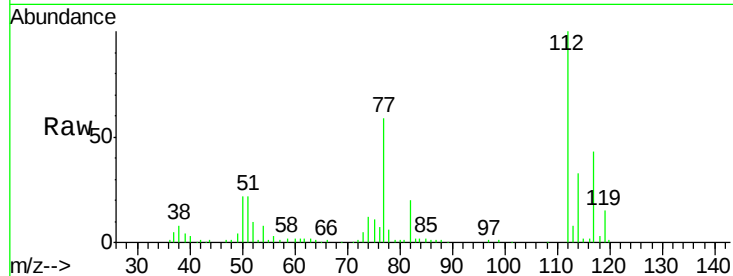




#65
Chlorobenzene
Concen: 5.220 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

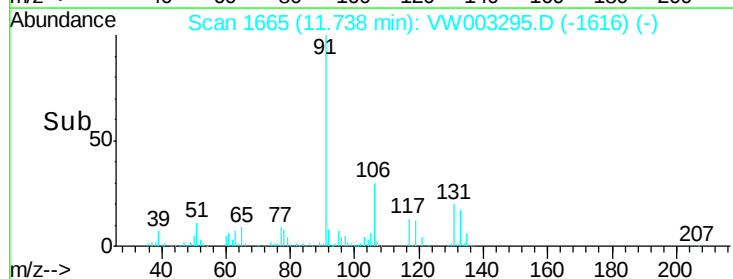
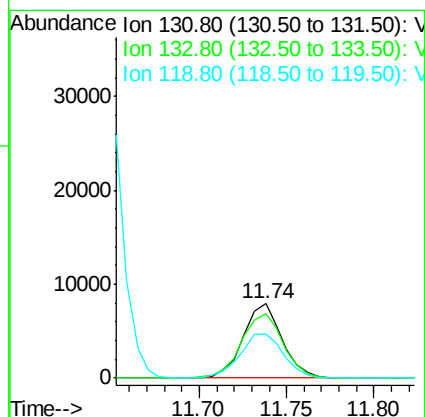
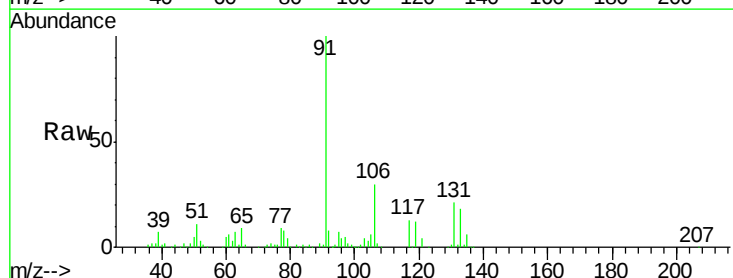
Instrument :
MSVOA_W
ClientSampleId :

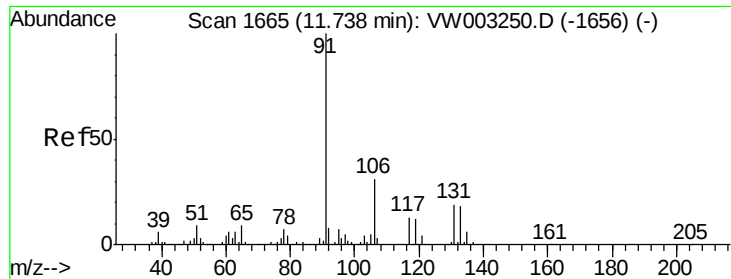
Tot Ion:112 Resp: 37009
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.939 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion:131 Resp: 12306
Ion Ratio Lower Upper
131 100
133 93.3 47.3 142.0
119 66.9 32.5 97.4

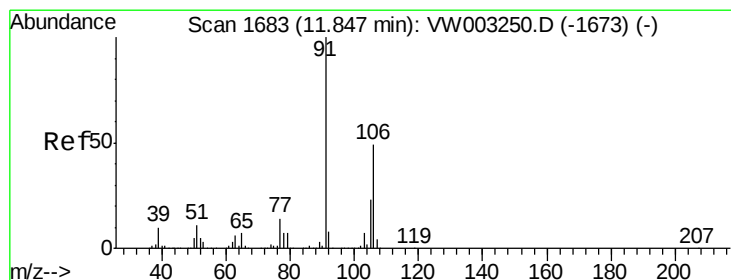
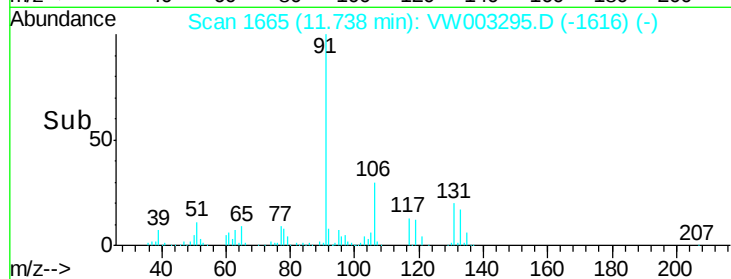
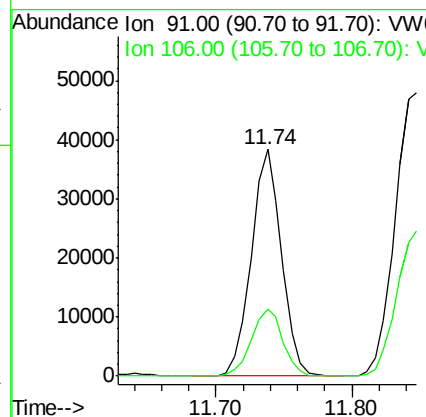
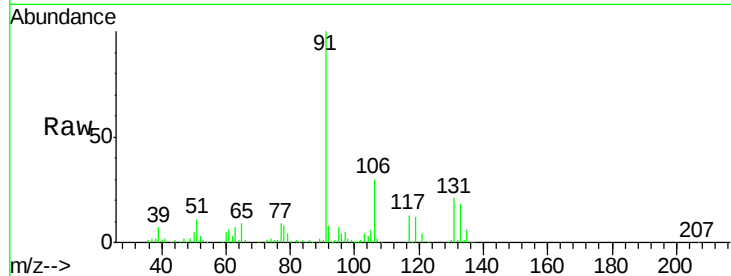




#67
Ethyl Benzene
Concen: 4.732 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

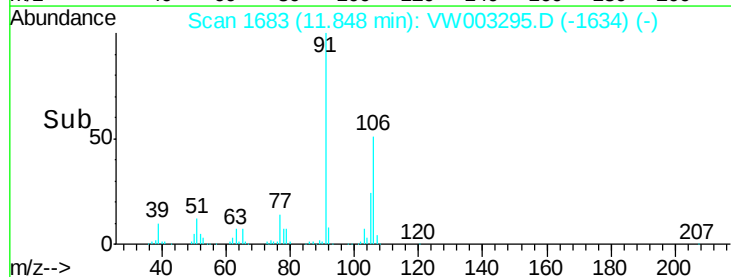
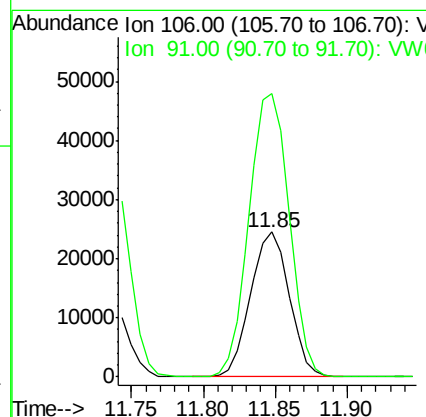
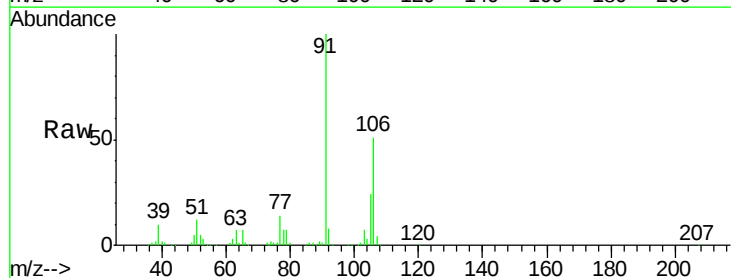
Instrument :
MSVOA_W
ClientSampleId :

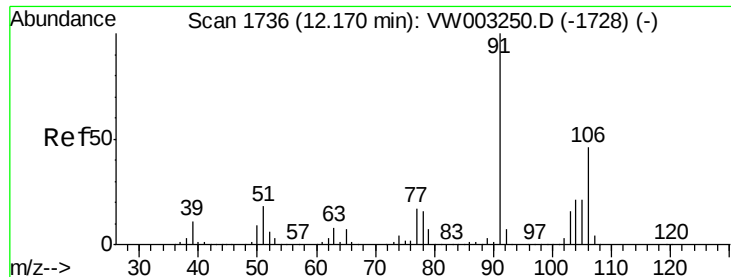
Tot Ion: 91 Resp: 59476
Ion Ratio Lower Upper
91 100
106 29.8 24.7 37.1



#68
m/p-Xylenes
Concen: 9.554 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 106 Resp: 45642
Ion Ratio Lower Upper
106 100
91 203.0 165.4 248.0

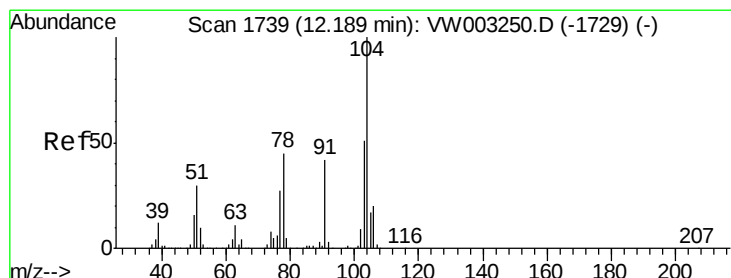
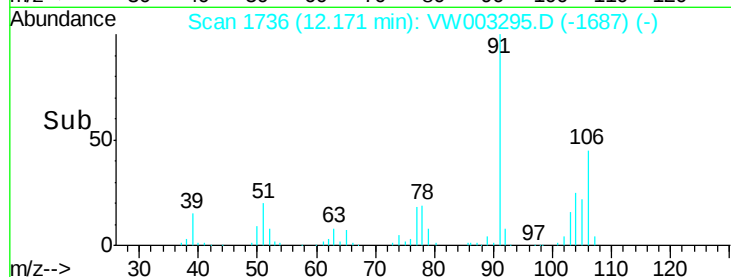
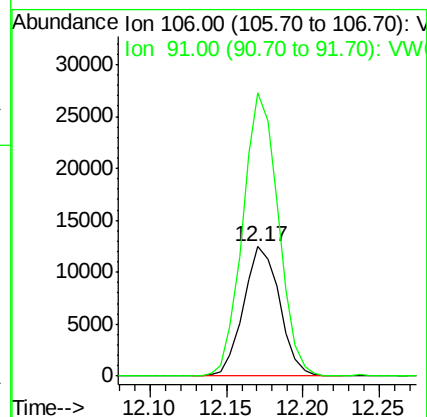
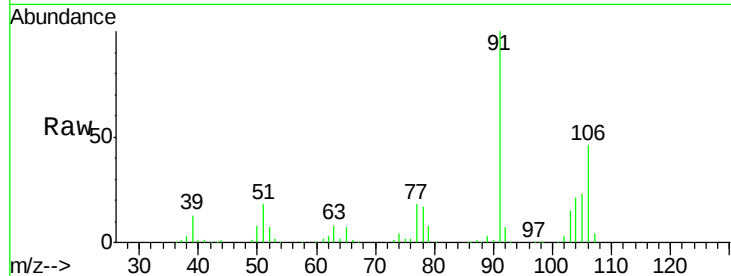




#69
o-Xylene
Concen: 4.641 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

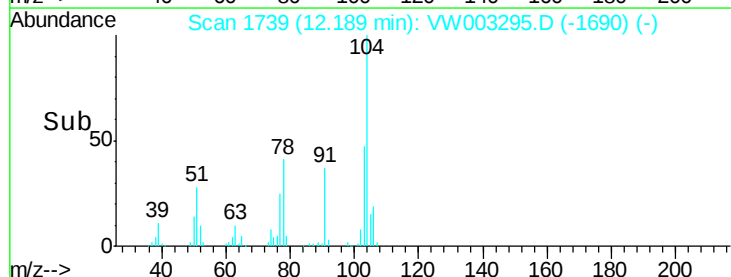
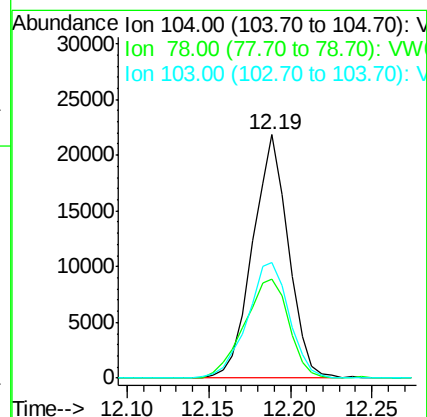
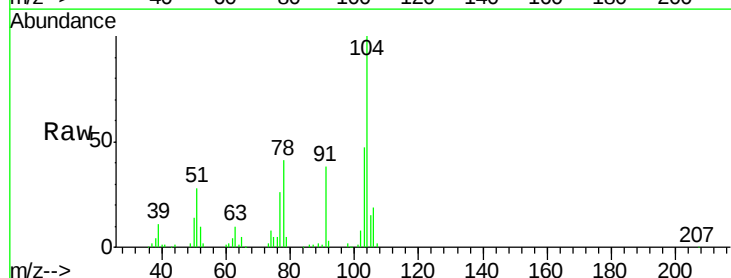
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 20548
Ion Ratio Lower Upper
106 100
91 214.4 108.6 325.6



#70
Styrene
Concen: 4.539 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion:104 Resp: 33452
Ion Ratio Lower Upper
104 100
78 50.7 41.3 61.9
103 55.4 45.0 67.4

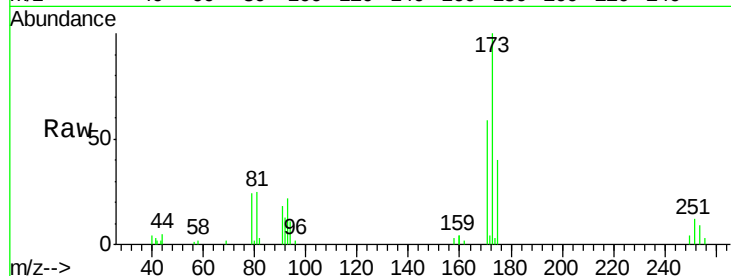




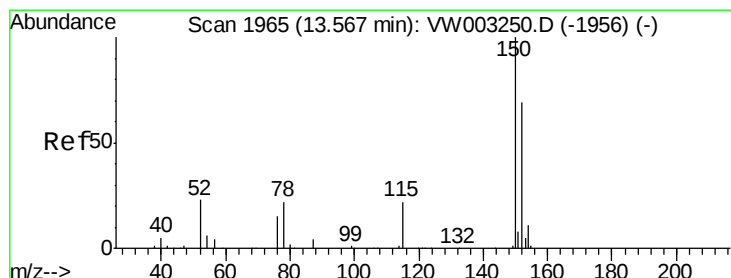
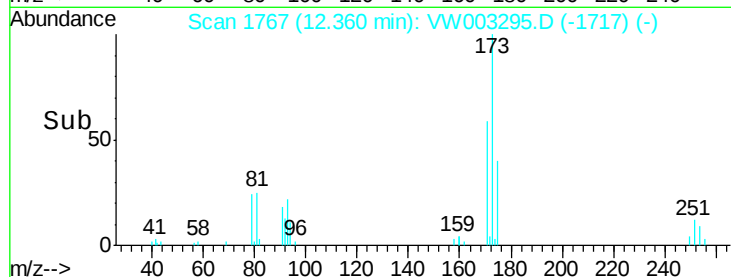
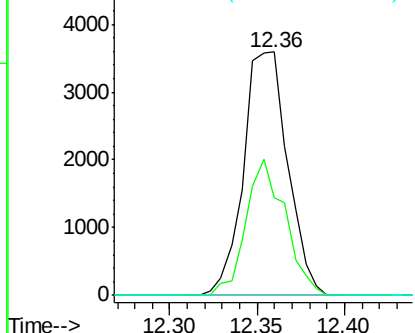
#71
Bromoform
Concen: 4.898 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. 0.01 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:173 Resp: 6325
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.4
254 0.0 0.1 0.1#

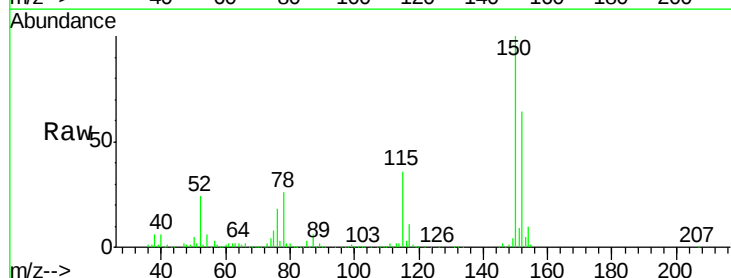


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

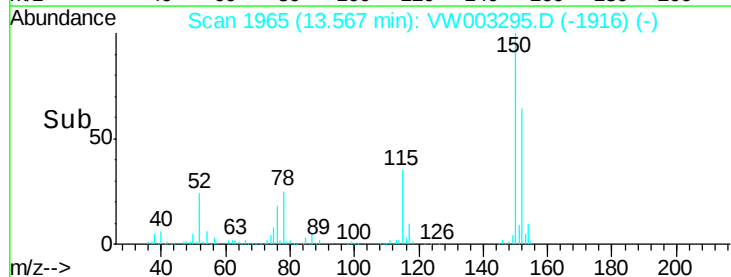
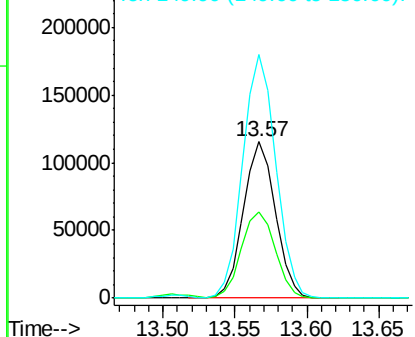


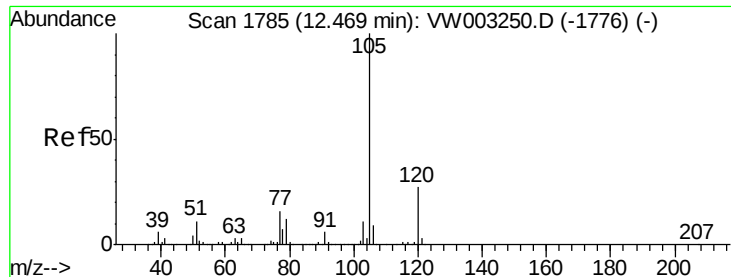
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion:152 Resp: 178014
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 160.3 0.0 349.6



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: 4.615 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

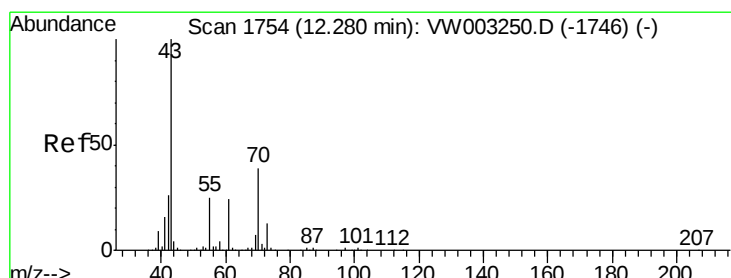
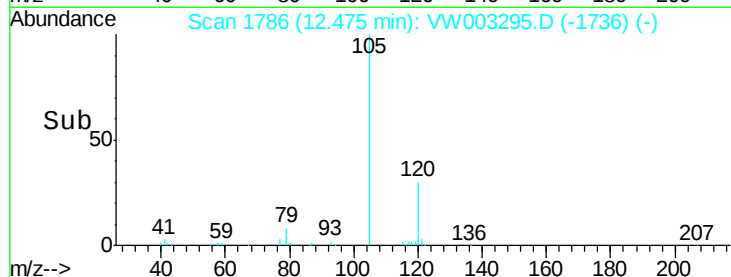
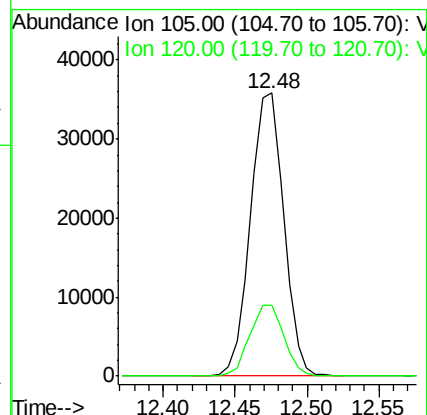
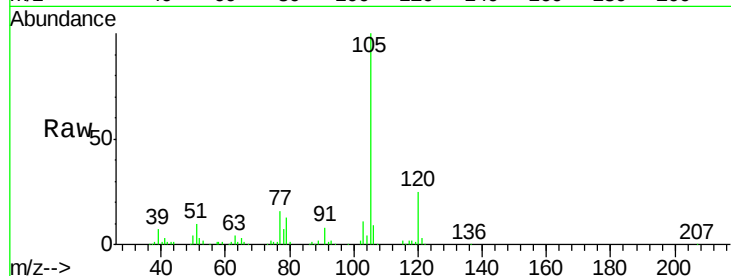
ClientSampleId :

Tot Ion:105 Resp: 57142

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.6



#74

N-ethyl acetate

Concen: 4.600 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Tgt Ion: 43 Resp: 12964

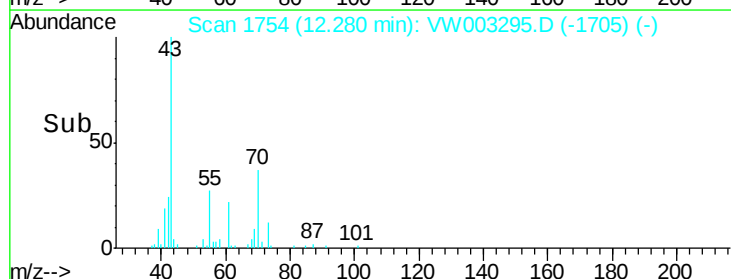
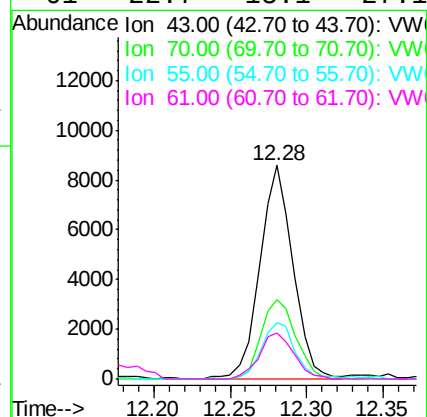
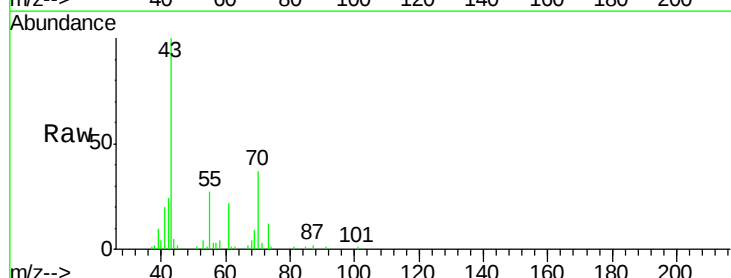
Ion Ratio Lower Upper

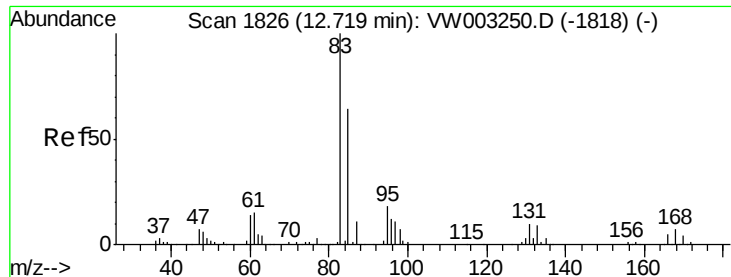
43 100

70 38.9 31.0 46.6

55 27.0 19.7 29.5

61 22.7 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.447 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

ClientSampled :

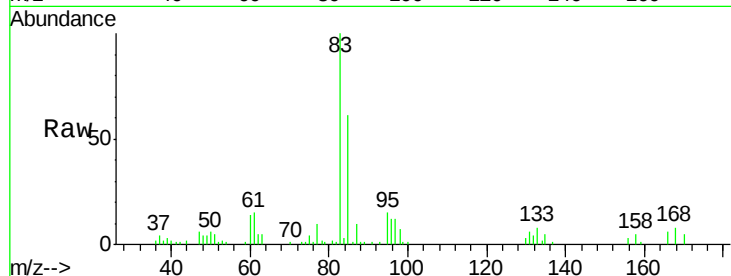
Tot Ion: 83 Resp: 11409

Ion Ratio Lower Upper

83 100

131 9.9 5.4 16.2

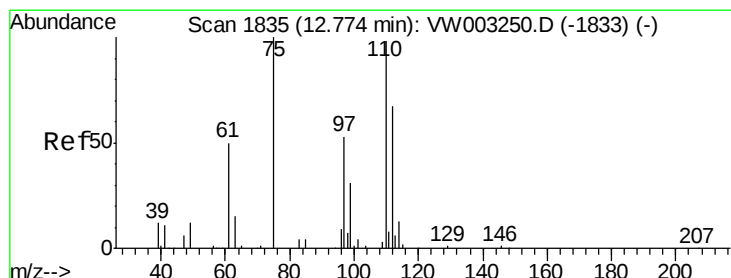
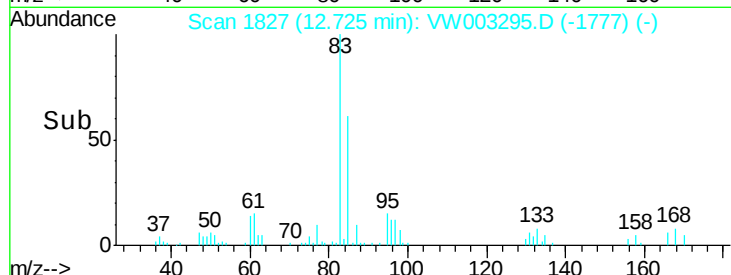
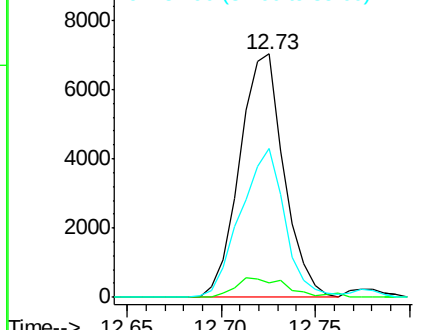
85 61.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 9.287 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003295.D

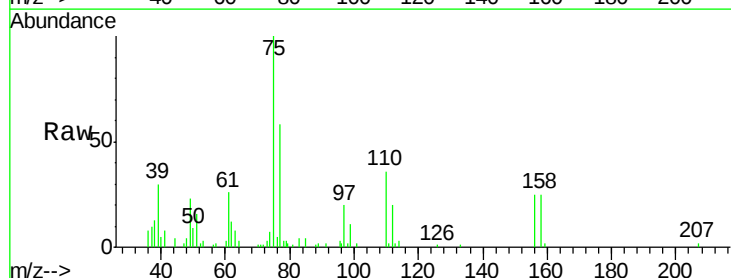
Acq: 15 Jun 2018 16:44

Tgt Ion: 75 Resp: 14133

Ion Ratio Lower Upper

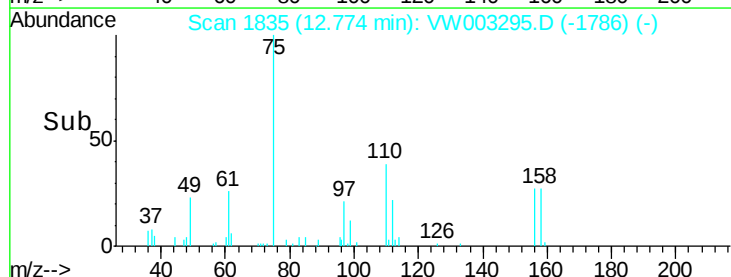
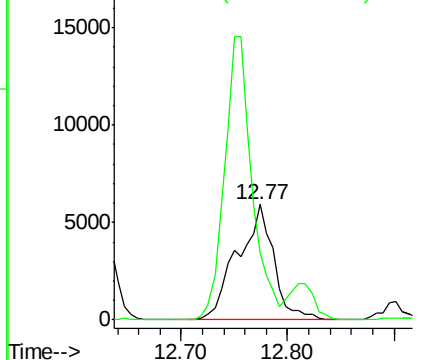
75 100

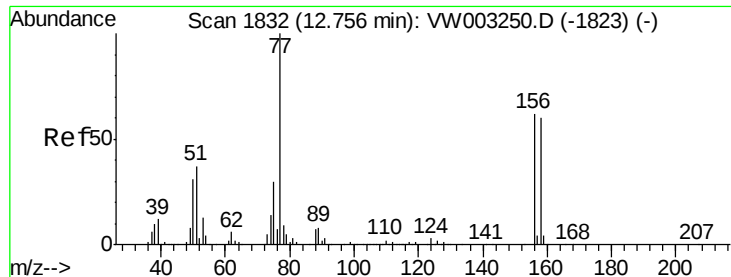
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.136 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

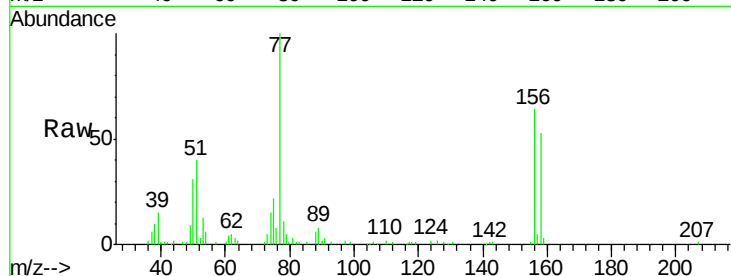
Tot Ion:156 Resp: 14809

Ion Ratio Lower Upper

156 100

77 177.3 92.3 276.9

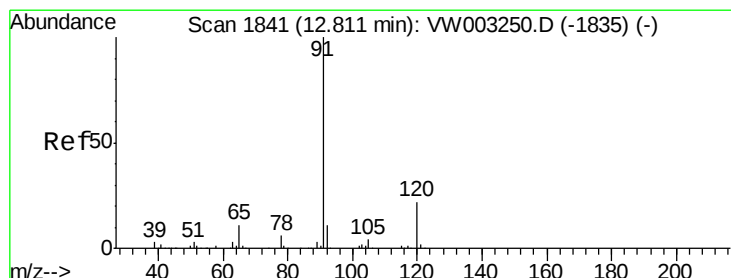
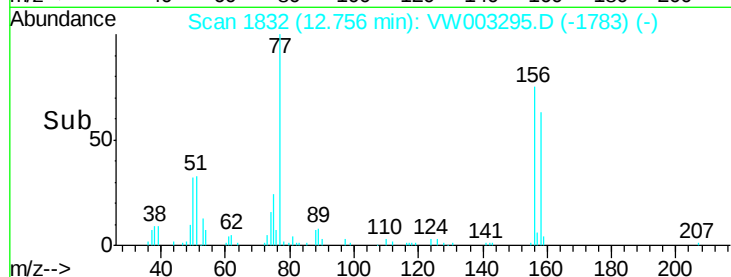
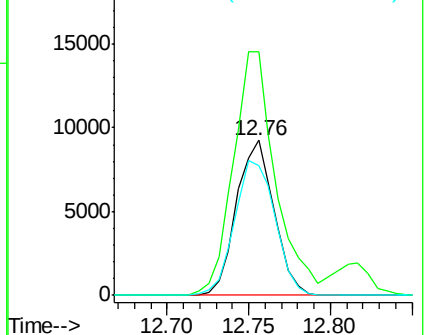
158 94.2 47.5 142.6



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: 4.603 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003295.D

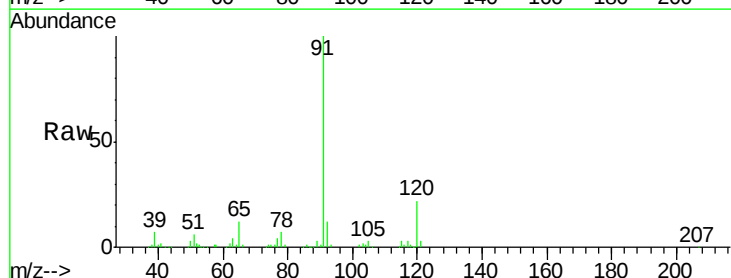
Acq: 15 Jun 2018 16:44

Tgt Ion: 91 Resp: 69789

Ion Ratio Lower Upper

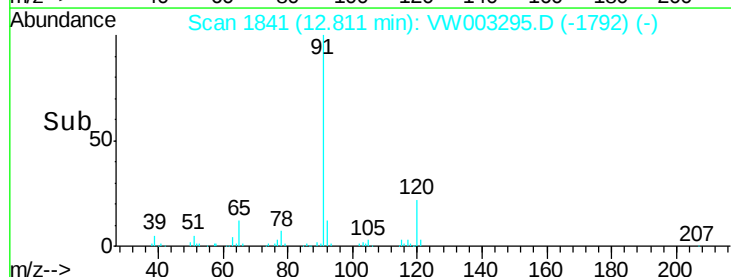
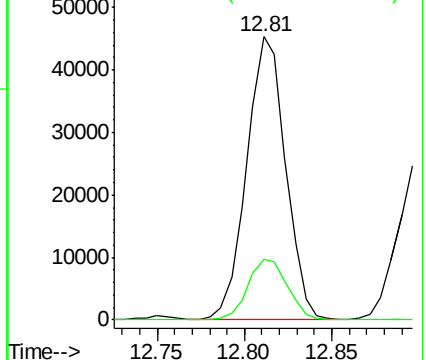
91 100

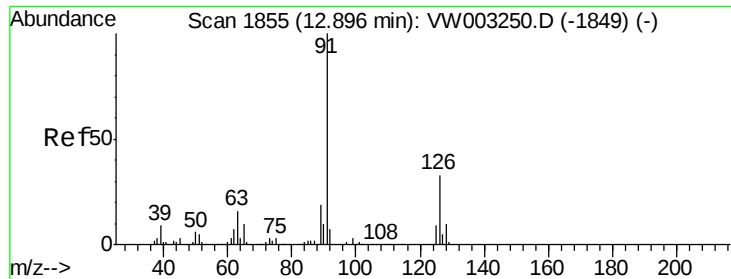
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

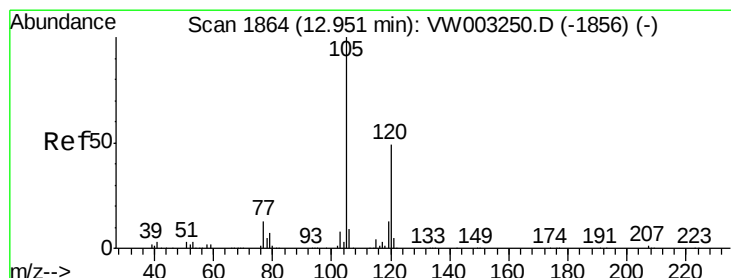
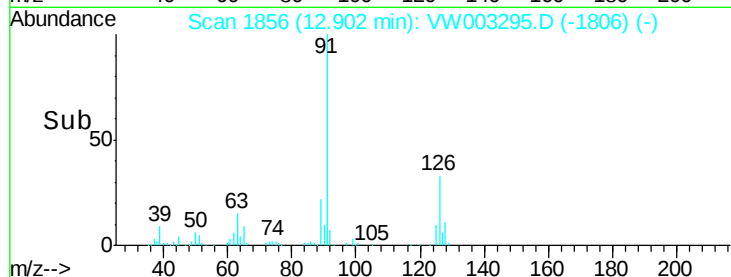
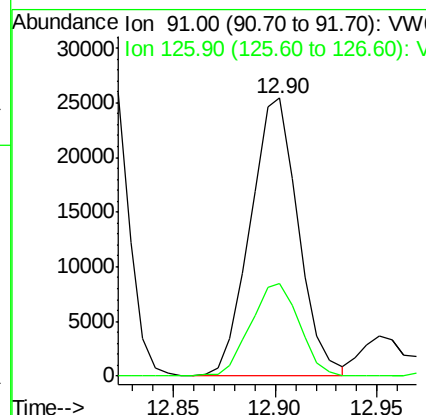
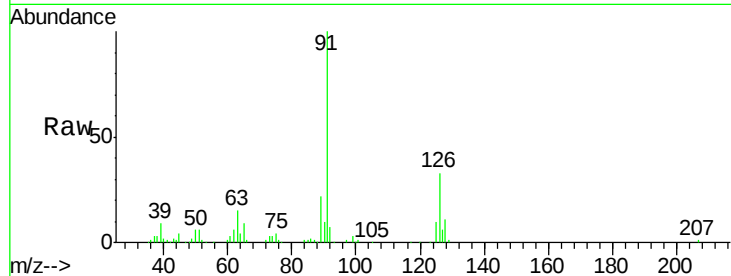




#79
 2-Chlorotoluene
 Concen: 4.847 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

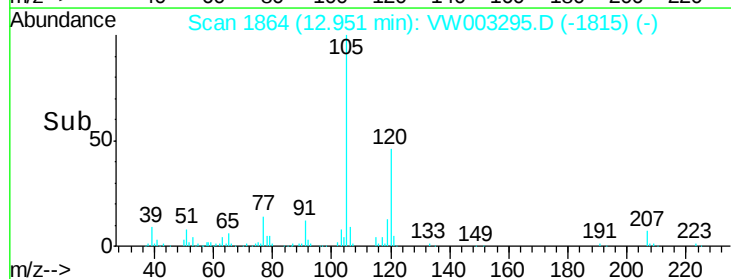
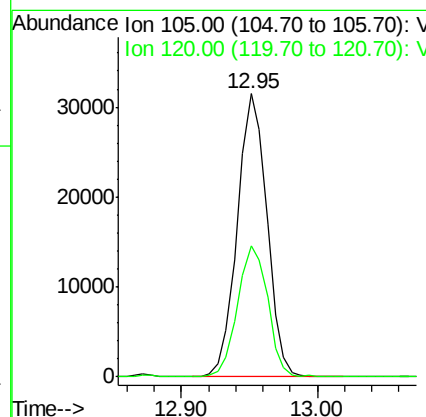
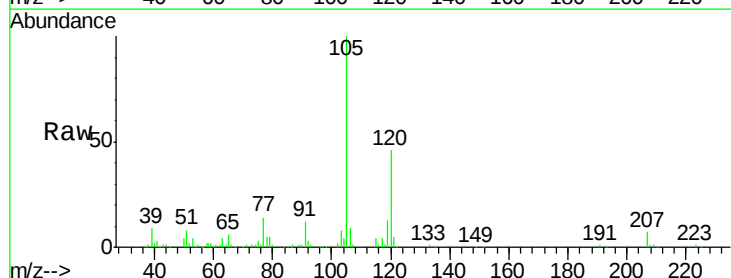
Instrument :
 MSVOA_W
 ClientSampled :

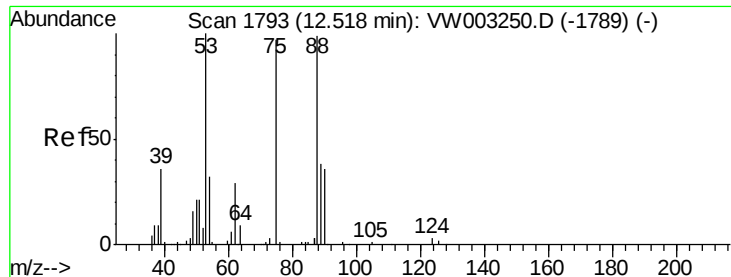
Tot Ion: 91 Resp: 41525
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 4.608 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Tgt Ion: 105 Resp: 47887
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 4.527 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

ClientSampled :

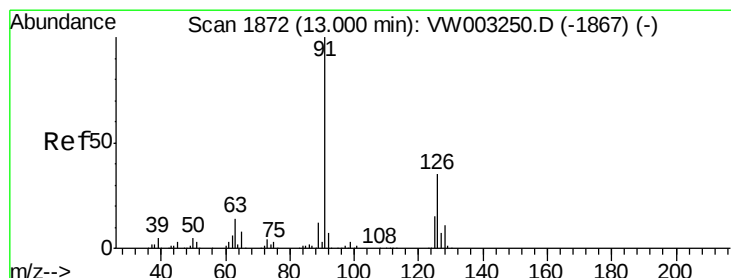
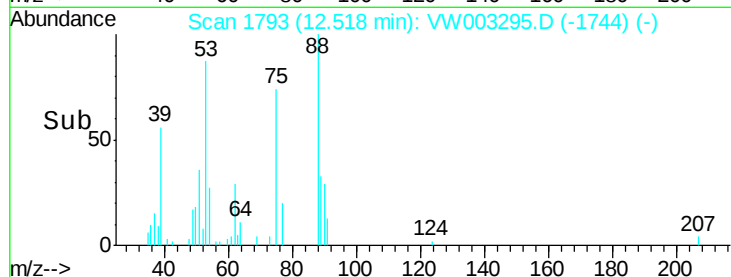
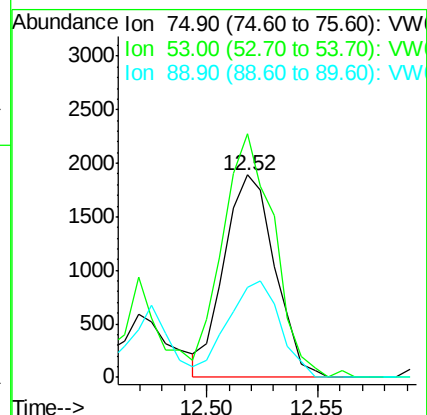
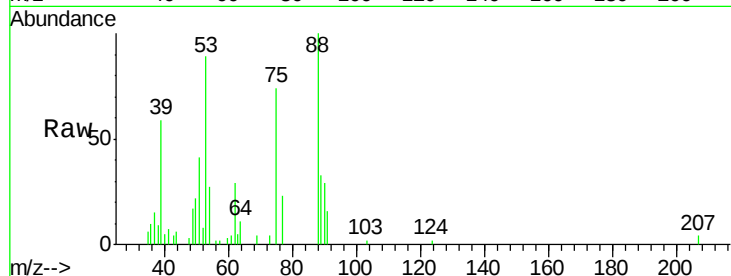
Tot Ion: 75 Resp: 2994

Ion Ratio Lower Upper

75 100

53 122.6 82.9 124.3

89 49.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 4.876 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003295.D

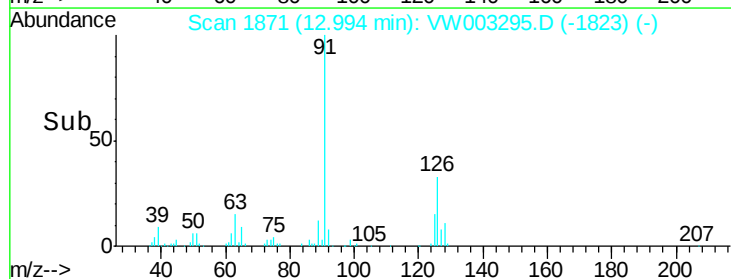
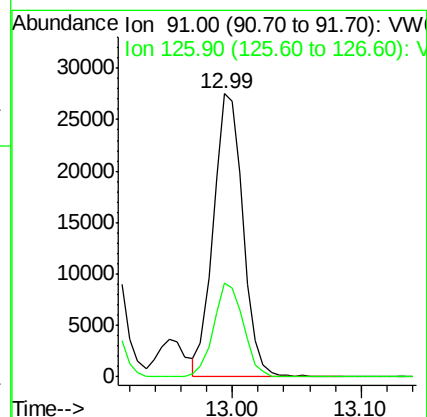
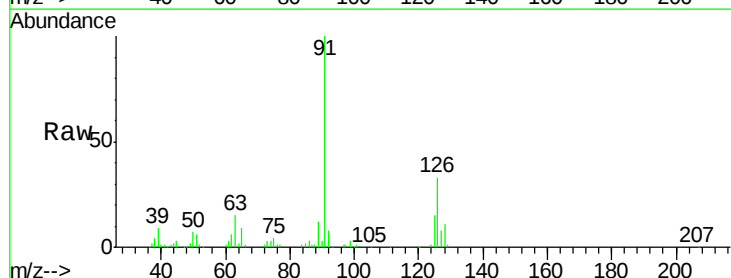
Acq: 15 Jun 2018 16:44

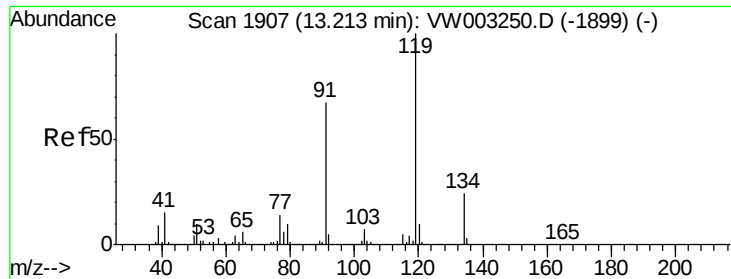
Tgt Ion: 91 Resp: 44315

Ion Ratio Lower Upper

91 100

126 33.1 16.8 50.3

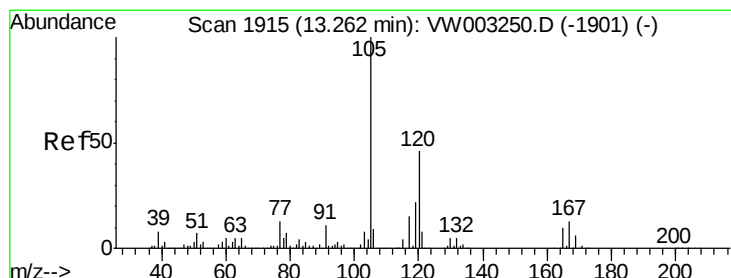
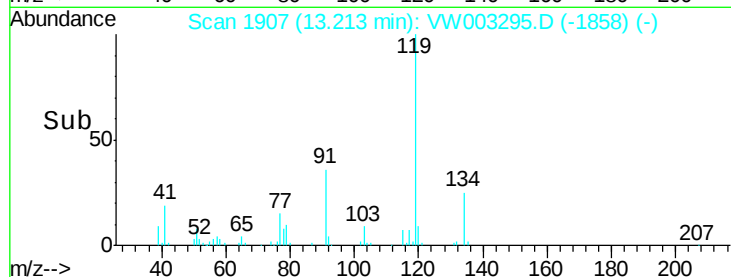
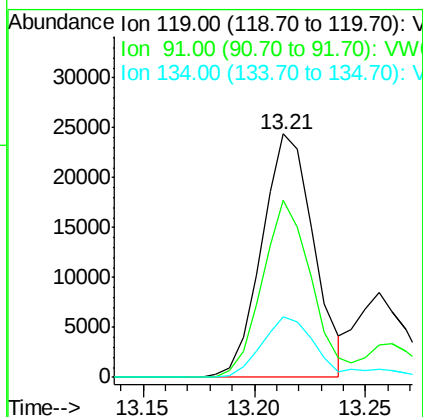
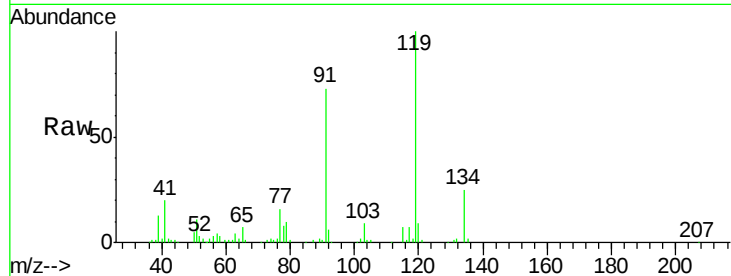




#83
tert-Butylbenzene
Concen: 4.461 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

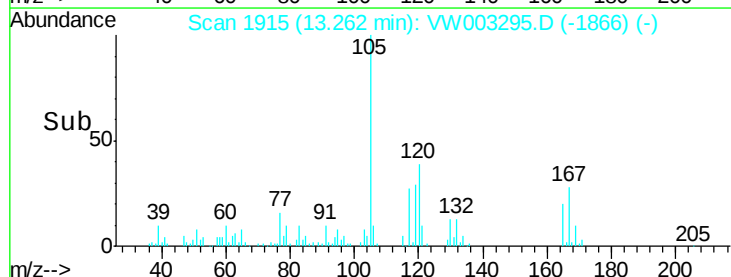
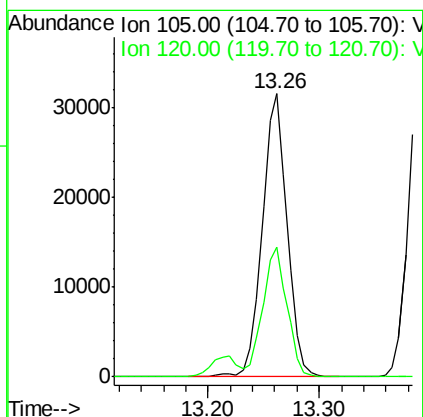
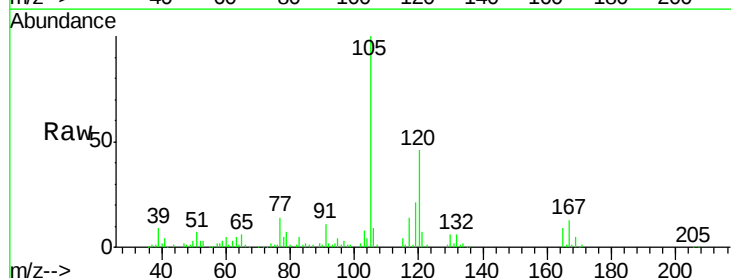
Instrument :
MSVOA_W
ClientSampled :

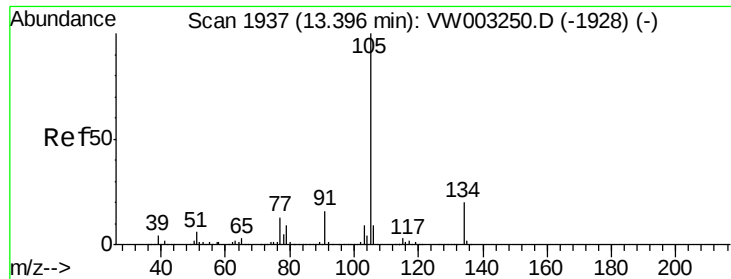
Tot Ion:119 Resp: 39515
Ion Ratio Lower Upper
119 100
91 69.1 33.9 101.7
134 25.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 4.588 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion:105 Resp: 49049
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5

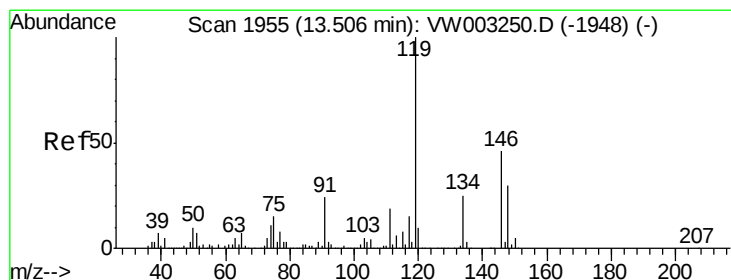
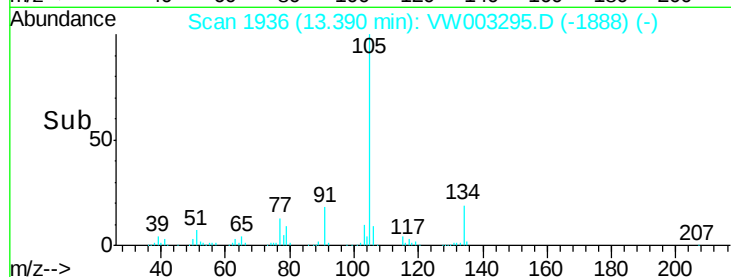
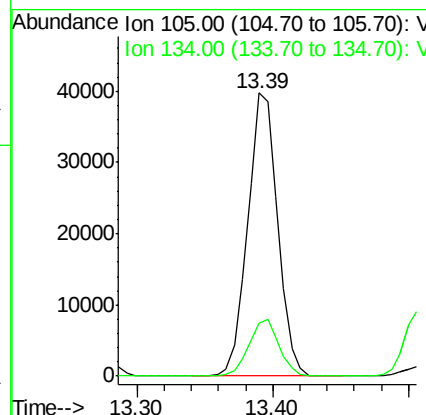
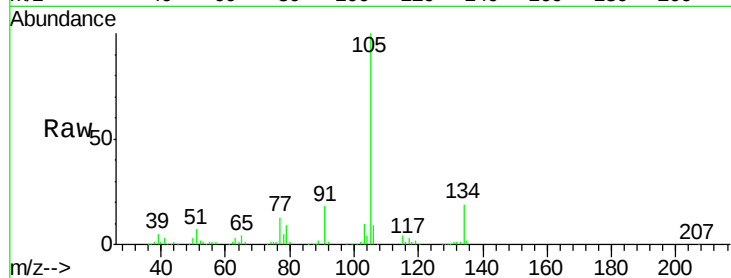




#85
 sec-Butylbenzene
 Concen: 4.649 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

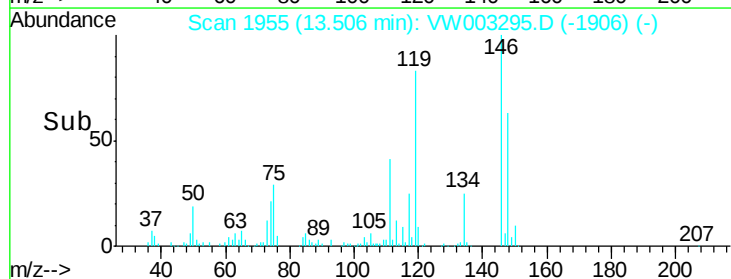
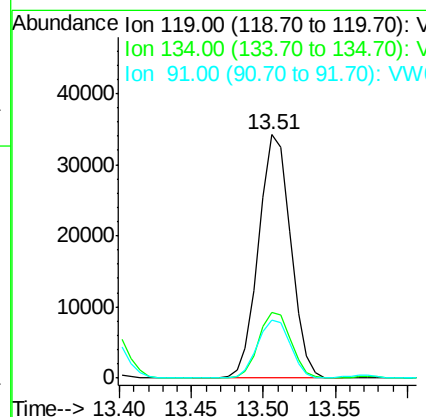
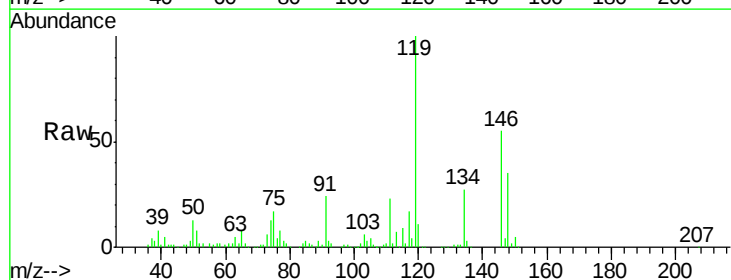
Instrument :
 MSVOA_W
 ClientSampled :

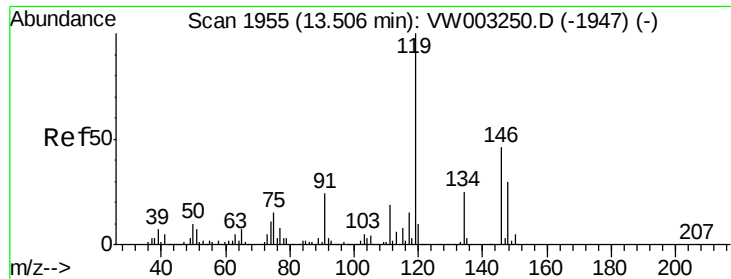
Tot Ion:105 Resp: 61200
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.522 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Tgt Ion:119 Resp: 52504
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.9 38.7
 91 24.5 11.8 35.3

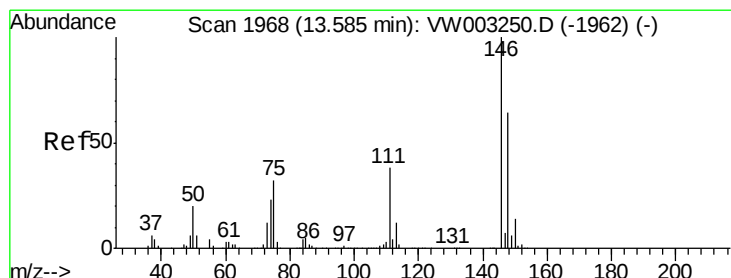
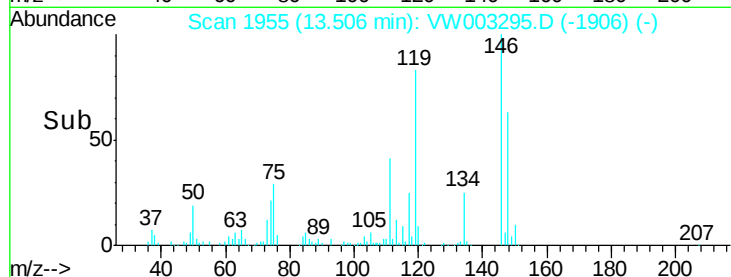
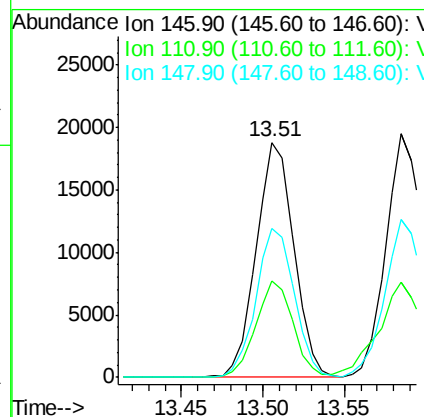
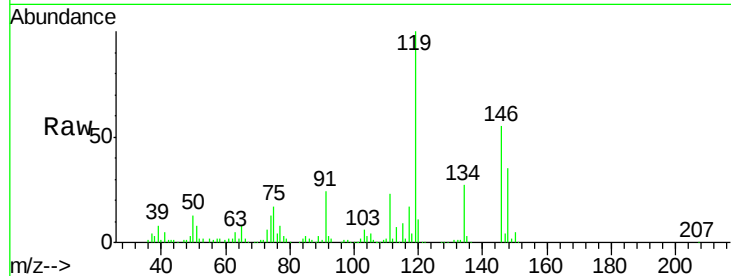




#87
 1,3-Dichlorobenzene
 Concen: 5.095 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

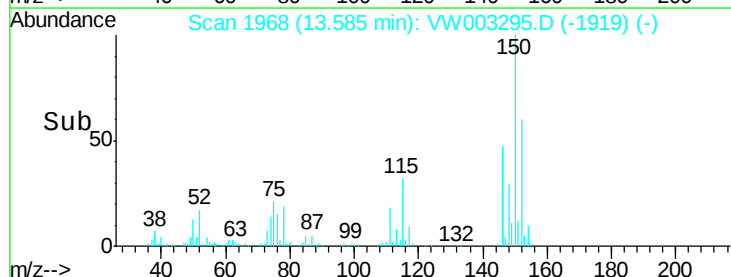
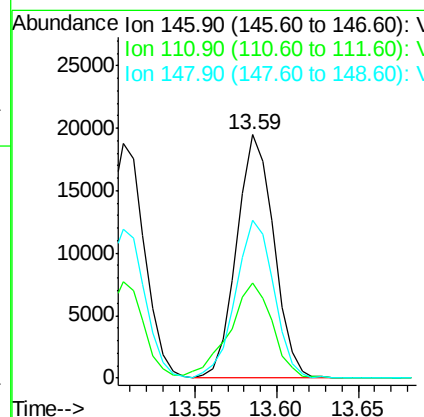
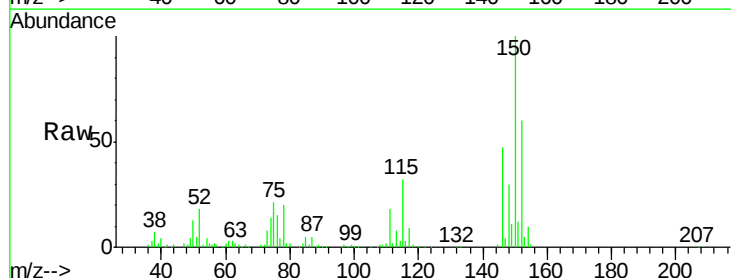
Instrument :
 MSVOA_W
 ClientSampleId :

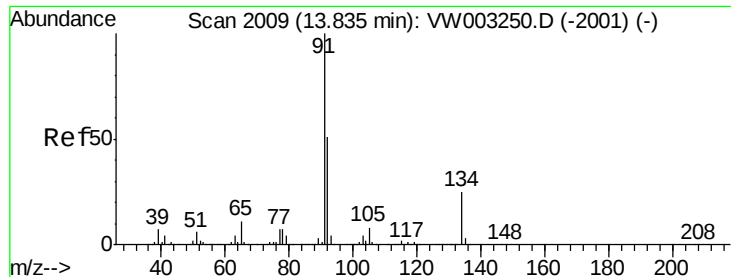
Tot Ion:146 Resp: 30182
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.8 59.4
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.273 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Tgt Ion:146 Resp: 31050
 Ion Ratio Lower Upper
 146 100
 111 45.2 19.2 57.6
 148 66.7 31.8 95.4

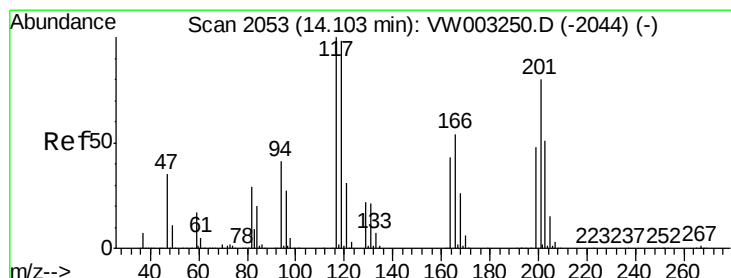
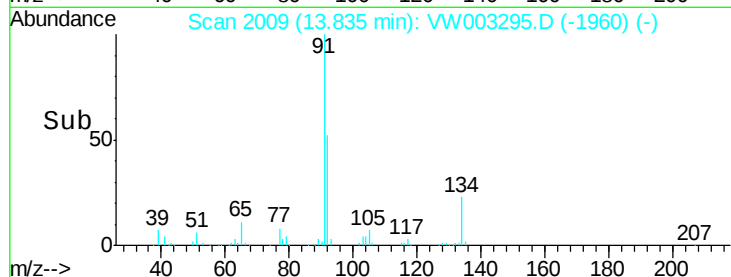
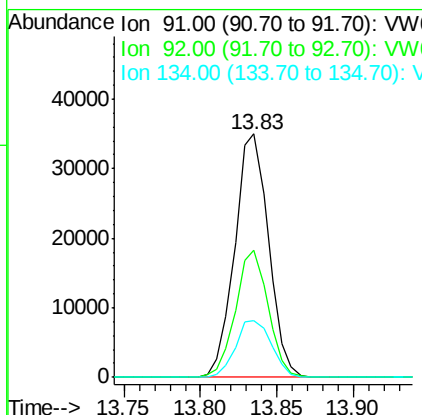
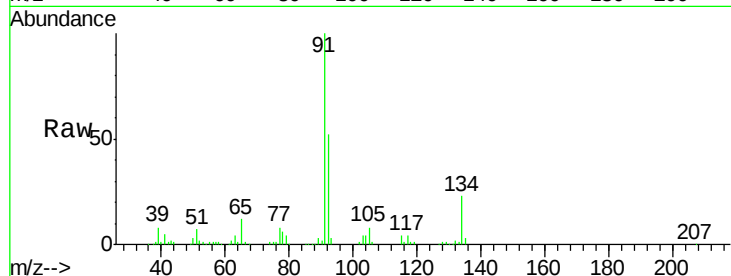




#89
n-Butylbenzene
Concen: 4.747 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

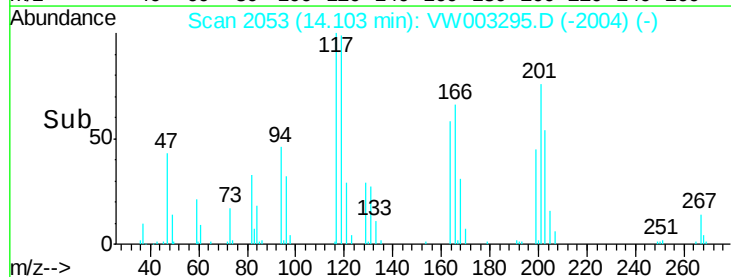
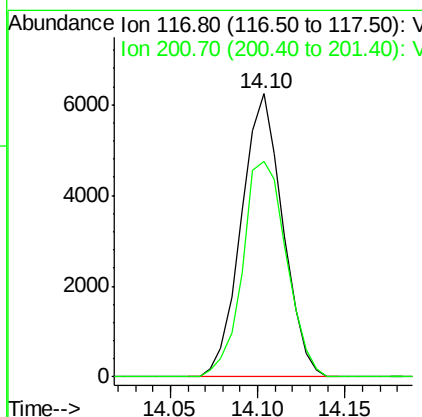
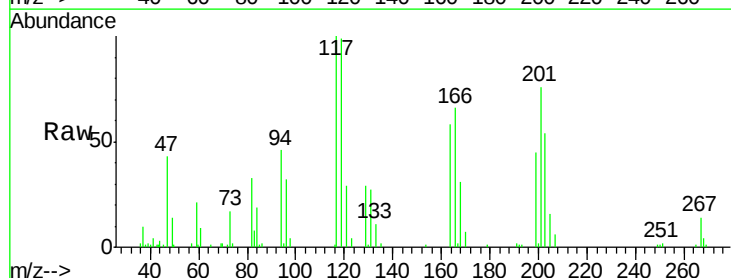
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 91 Resp: 53726
Ion Ratio Lower Upper
91 100
92 50.5 26.0 78.0
134 24.6 12.7 38.0



#90
Hexachloroethane
Concen: 4.881 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003295.D
Acq: 15 Jun 2018 16:44

Tgt Ion: 117 Resp: 10253
Ion Ratio Lower Upper
117 100
201 80.7 39.5 118.5

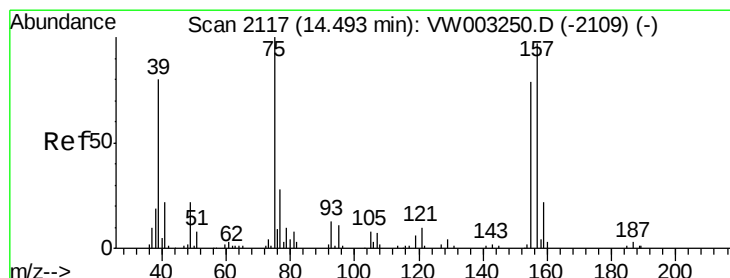
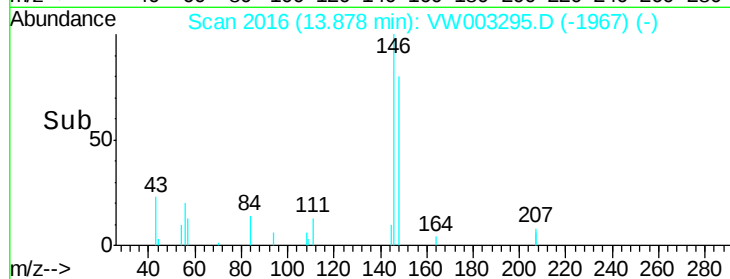
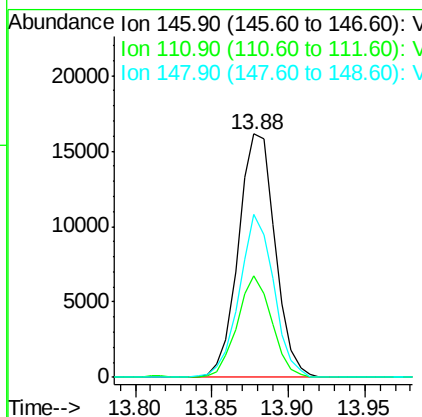
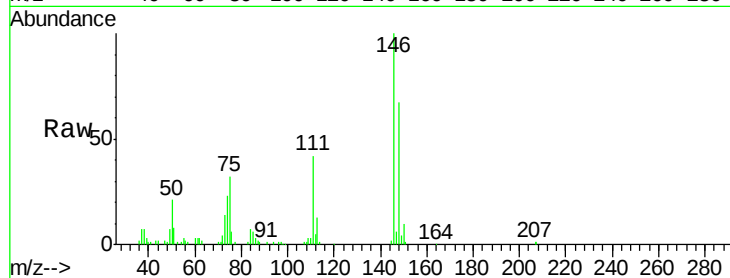




#91
 1,2-Dichlorobenzene
 Concen: 5.187 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

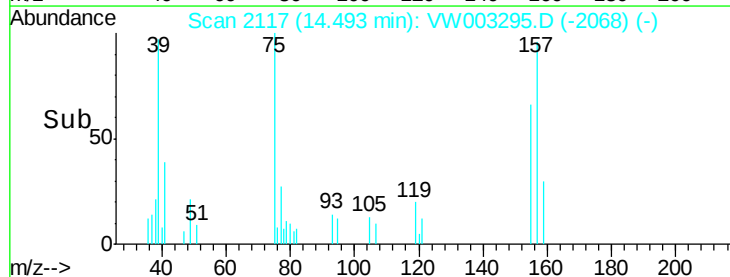
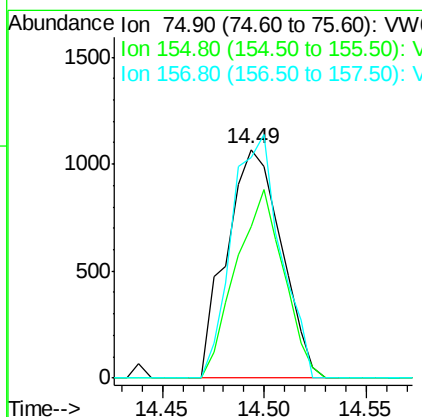
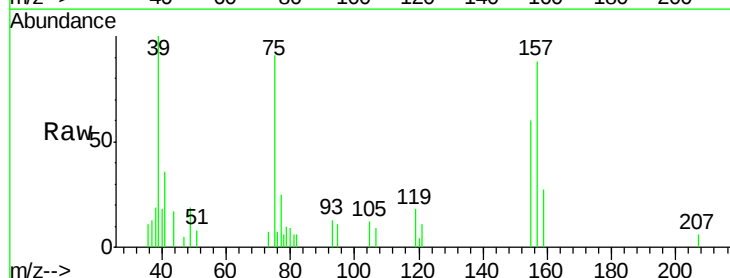
Instrument :
 MSVOA_W
 ClientSampleId :

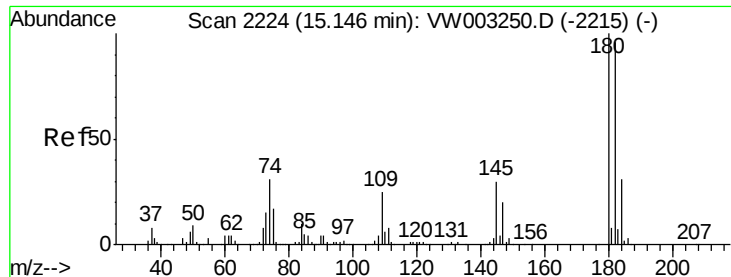
Tot Ion:146 Resp: 26913
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.3 61.0
 148 62.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.665 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Tgt Ion: 75 Resp: 1997
 Ion Ratio Lower Upper
 75 100
 155 71.9 39.4 118.2
 157 94.4 51.5 154.5

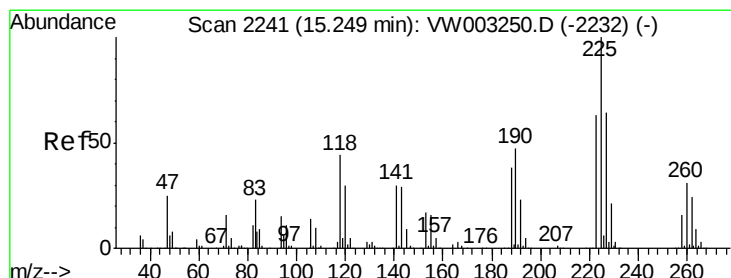
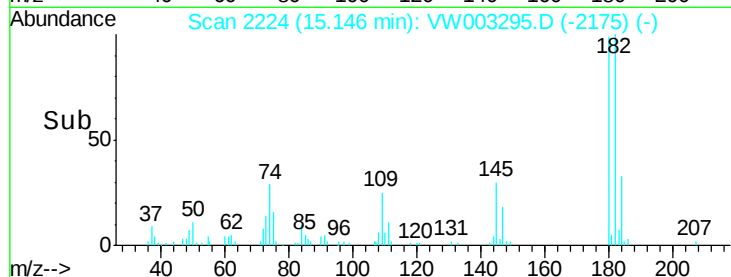
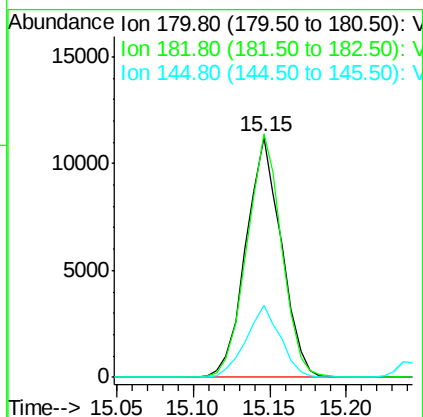
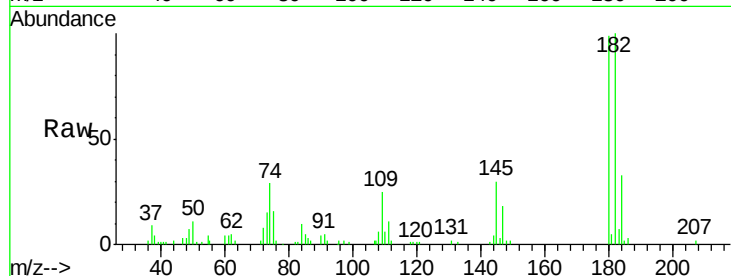




#93
 1,2,4-Trichlorobenzene
 Concen: 4.975 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

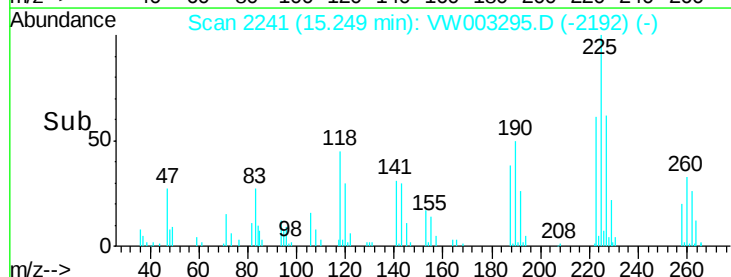
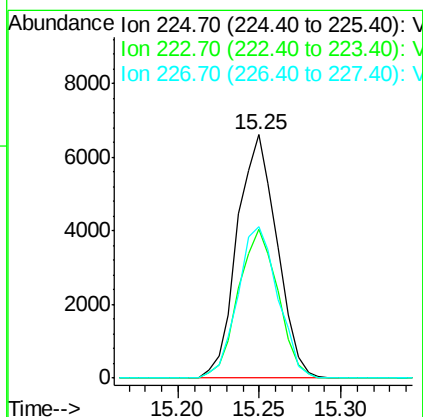
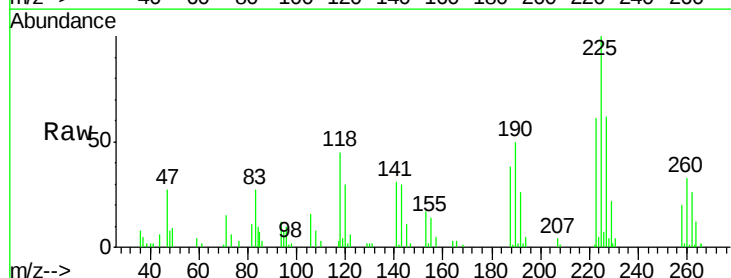
Instrument :
 MSVOA_W
 ClientSampleId :

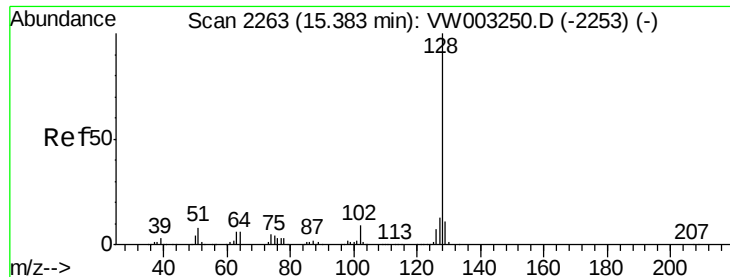
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.9	143.6
145	28.9	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 5.105 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003295.D
 Acq: 15 Jun 2018 16:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.6	92.0
227	63.0	31.7	95.1





#95

Naphthalene

Concen: 4.538 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

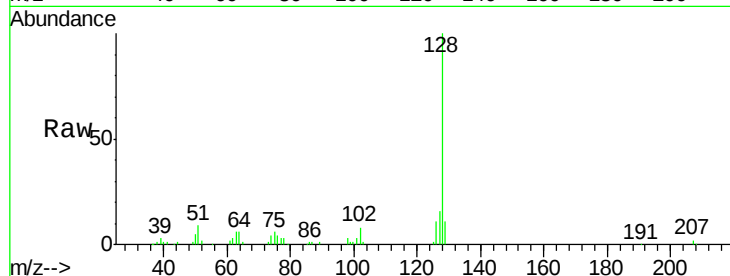
Tot Ion:128 Resp: 28043

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

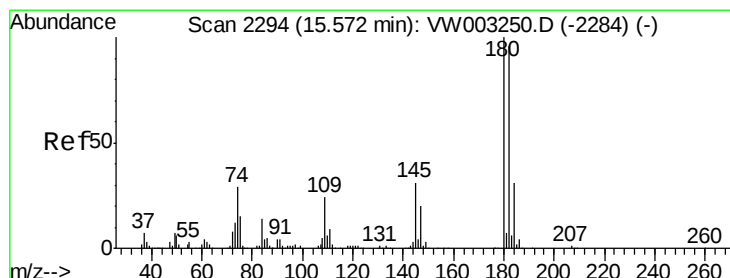
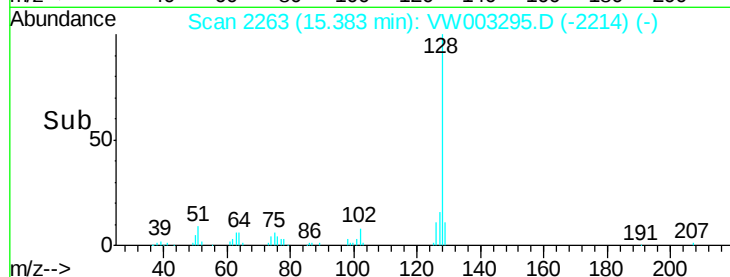
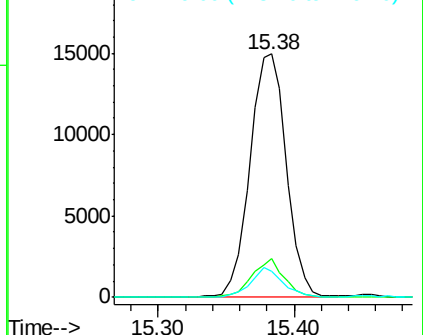
129 10.5 8.9 13.3



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: 5.058 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW003295.D

Acq: 15 Jun 2018 16:44

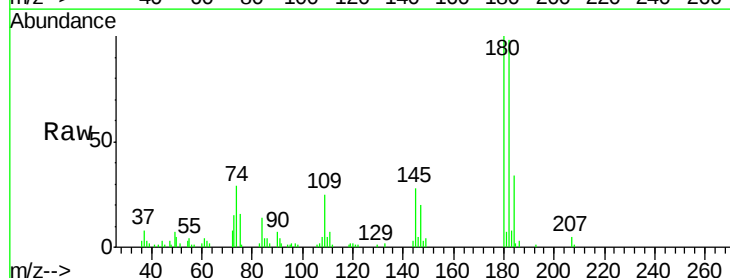
Tgt Ion:180 Resp: 16219

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.6

145 32.1 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

