

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003455.D
 Acq On : 23 Jun 2018 13:02
 Operator : SY/AP
 Sample : VW0623SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

Quant Time: Jun 25 02:31:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	382871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151259	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.88	113	136049	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.33	98	547100	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.63	95	194091	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29661	36.361	ug/l	94
3) Chloromethane	2.21	50	45687	22.167	ug/l	93
4) Vinyl Chloride	2.36	62	63770	21.225	ug/l	96
5) Bromomethane	2.78	94	39684	19.872	ug/l	96
6) Chloroethane	2.92	64	42923	20.524	ug/l	97
7) Trichlorofluoromethane	3.25	101	45722	25.402	ug/l	95
8) Diethyl Ether	3.68	74	27151	20.534	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54607	21.848	ug/l	99
10) Methyl Iodide	4.26	142	80480	21.291	ug/l	99
11) Tert butyl alcohol	5.24	59	5686	36.277	ug/l #	75
12) 1,1-Dichloroethene	4.03	96	52803	21.618	ug/l	98
13) Acrolein	3.90	56	16697	74.508	ug/l	94
14) Allyl chloride	4.66	41	89193	21.081	ug/l	100
15) Acrylonitrile	5.38	53	53995	99.251	ug/l	99
16) Acetone	4.15	43	61309	100.023	ug/l	94
17) Carbon Disulfide	4.37	76	156100	21.617	ug/l	97
18) Methyl Acetate	4.68	43	26877	18.484	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	93114	20.354	ug/l	100
20) Methylene Chloride	4.91	84	59773	20.814	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57873	21.771	ug/l	98
22) Diisopropyl ether	6.32	45	180475	21.195	ug/l	98
23) Vinyl Acetate	6.26	43	499933	101.883	ug/l	100
24) 1,1-Dichloroethane	6.21	63	110352	21.830	ug/l	97
25) 2-Butanone	7.19	43	74965	98.355	ug/l	96
26) 2,2-Dichloropropane	7.17	77	74290	22.021	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62401	21.369	ug/l	99
28) Bromochloromethane	7.51	49	39802	18.921	ug/l	98
29) Tetrahydrofuran	7.54	42	43594	93.585	ug/l	98
30) Chloroform	7.68	83	110783	21.512	ug/l	99
31) Cyclohexane	7.96	56	100271	21.232	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	92770	21.824	ug/l	100
36) 1,1-Dichloropropene	8.09	75	88190	21.892	ug/l	99
37) Ethyl Acetate	7.27	43	33362	19.990	ug/l	98
38) Carbon Tetrachloride	8.07	117	87080	22.037	ug/l	98

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 Sample : VW0623SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0623SBS01

Quant Time: Jun 25 02:31:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99337	21.311	ug/l	97
40) Benzene	8.33	78	242526	21.841	ug/l	98
41) Methacrylonitrile	7.49	41	18739	18.298	ug/l	93
42) 1,2-Dichloroethane	8.40	62	73942	21.254	ug/l	99
43) Isopropyl Acetate	8.43	43	64085	19.339	ug/l	99
44) Trichloroethene	9.10	130	63086	21.440	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61142	21.626	ug/l	96
46) Dibromomethane	9.46	93	30367	20.979	ug/l	98
47) Bromodichloromethane	9.65	83	78582	21.179	ug/l	99
48) Methyl methacrylate	9.44	41	30023	19.278	ug/l	100
49) 1,4-Dioxane	9.50	88	7830	358.256	ug/l	78
51) 4-Methyl-2-Pentanone	10.22	43	160546	95.078	ug/l	99
52) Toluene	10.39	92	157490	22.117	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	79646	21.014	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	91408	21.189	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42465	20.819	ug/l	94
56) Ethyl methacrylate	10.65	69	47539	19.193	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73770	20.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	109798	98.885	ug/l	98
59) 2-Hexanone	10.98	43	116318	98.606	ug/l	98
60) Dibromochloromethane	11.13	129	49556	20.430	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40168	20.819	ug/l	96
64) Tetrachloroethene	10.87	164	54565	21.307	ug/l	99
65) Chlorobenzene	11.66	112	170469	21.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	58701	20.951	ug/l	99
67) Ethyl Benzene	11.74	91	303371	21.465	ug/l	100
68) m/p-Xylenes	11.85	106	235578	43.849	ug/l	99
69) o-Xylene	12.18	106	107248	21.540	ug/l	99
70) Styrene	12.19	104	178128	21.493	ug/l	99
71) Bromoform	12.35	173	29037	19.997	ug/l #	99
73) Isopropylbenzene	12.48	105	301400	21.127	ug/l	100
74) N-amyl acetate	12.28	43	59912	18.451	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	48667	20.164	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	63827	36.401	ug/l #	100
77) Bromobenzene	12.76	156	70976	21.363	ug/l	99
78) n-propylbenzene	12.81	91	378244	21.653	ug/l	100
79) 2-Chlorotoluene	12.90	91	209854	21.258	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	261972	21.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14128	18.541	ug/l	96
82) 4-Chlorotoluene	13.00	91	224894	21.475	ug/l	100
83) tert-Butylbenzene	13.22	119	223937	21.944	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	267378	21.707	ug/l	99
85) sec-Butylbenzene	13.40	105	327662	21.601	ug/l	100
86) p-Isopropyltoluene	13.51	119	287611	21.498	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	146273	21.431	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	144295	21.266	ug/l	99
89) n-Butylbenzene	13.83	91	283281	21.722	ug/l	99
90) Hexachloroethane	14.10	117	53098	21.940	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	128583	21.507	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7788	19.175	ug/l	98

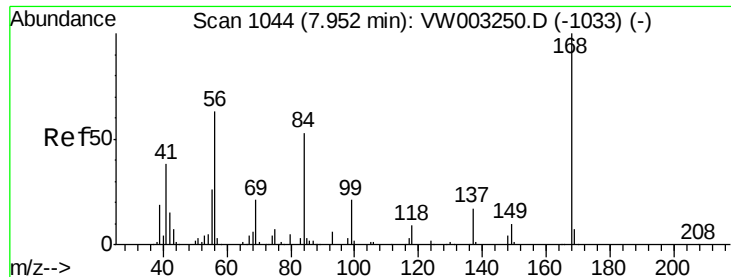
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003455.D
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Operator : SY/AP
Sample : VW0623SBSD01
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Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Quant Time: Jun 25 02:31:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86349	20.574	ug/l	99
94) Hexachlorobutadiene	15.25	225	53831	21.322	ug/l	100
95) Naphthalene	15.38	128	133233	18.714	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74136	20.068	ug/l	100

(#) = 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: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

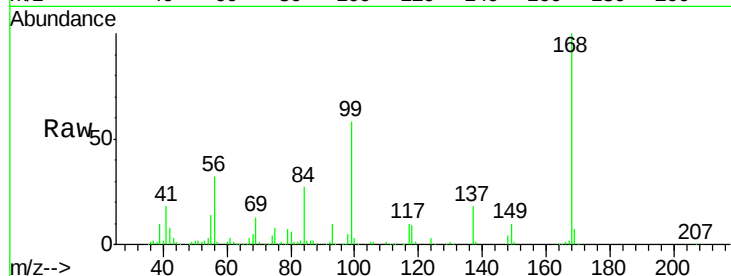
VW0623SBSD01

Tgt Ion:168 Resp: 269819

Ion Ratio Lower Upper

168 100

99 57.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

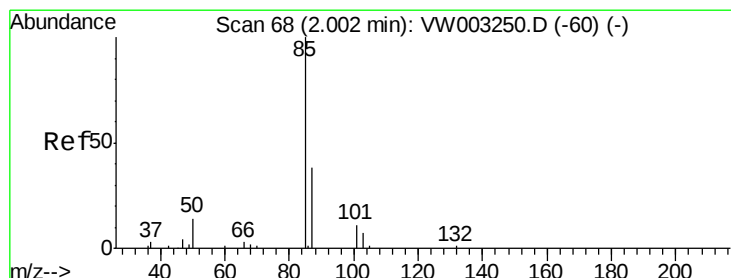
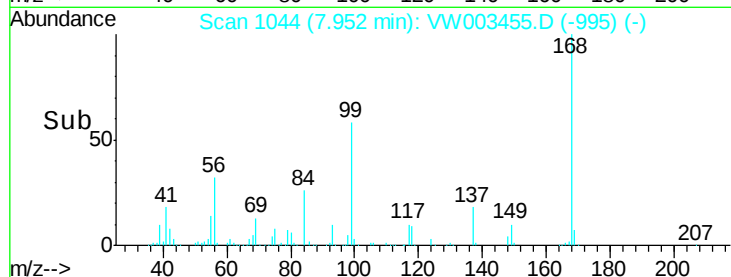
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 36.361 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003455.D

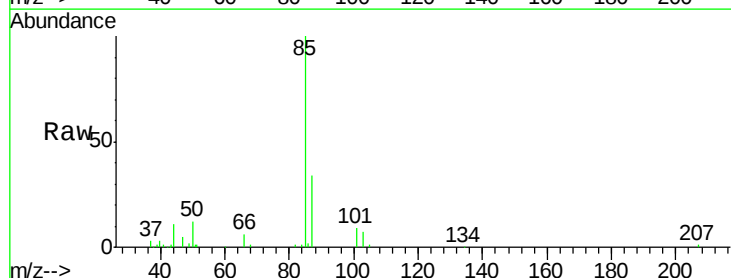
Acq: 23 Jun 2018 13:02

Tgt Ion: 85 Resp: 29661

Ion Ratio Lower Upper

85 100

87 33.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

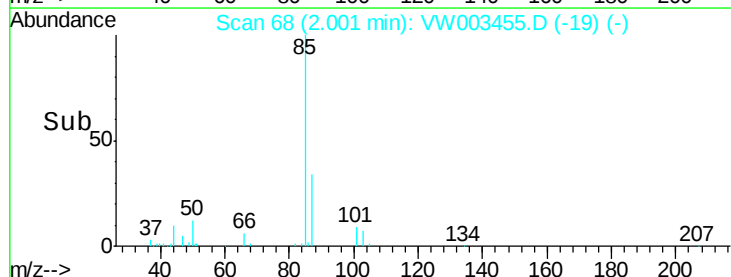
2.00

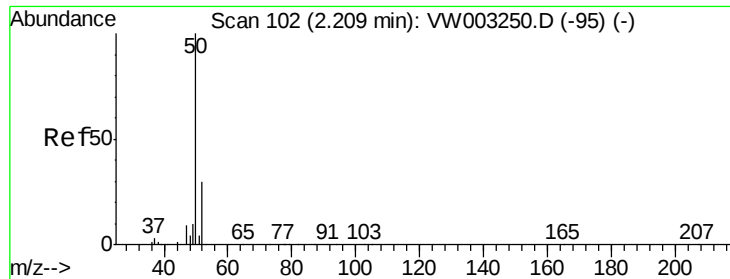
10000

5000

0

Time-->





#3

Chloromethane

Concen: 22.167 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

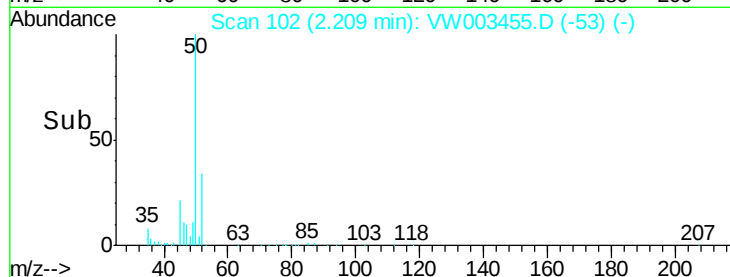
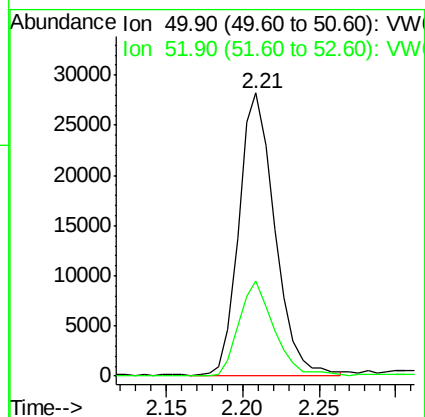
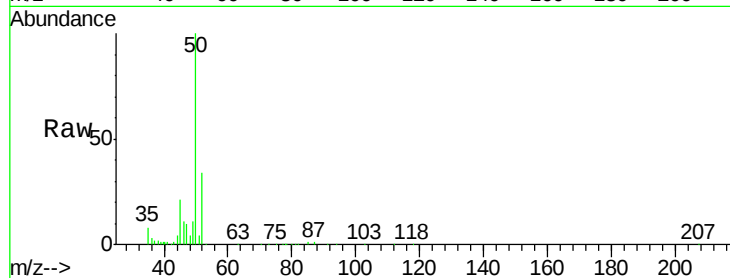
VW0623SBSD01

Tgt Ion: 50 Resp: 45687

Ion Ratio Lower Upper

50 100

52 33.9 24.2 36.2



#4

Vinyl Chloride

Concen: 21.225 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003455.D

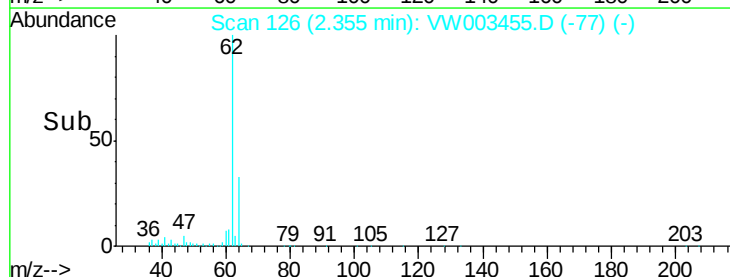
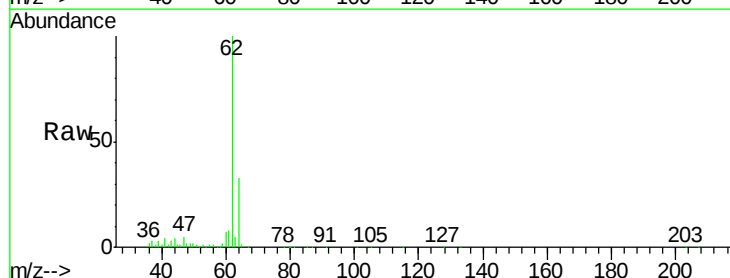
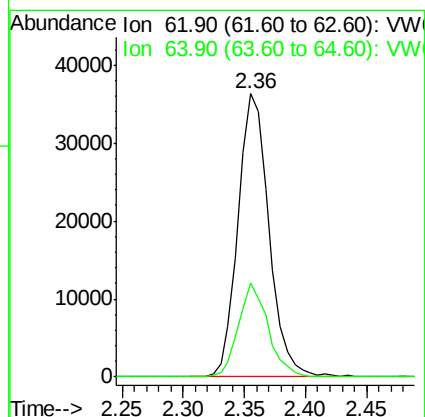
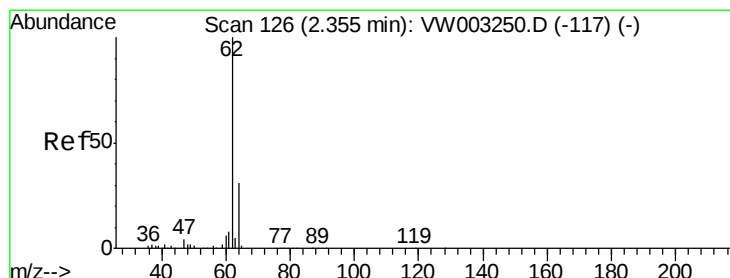
Acq: 23 Jun 2018 13:02

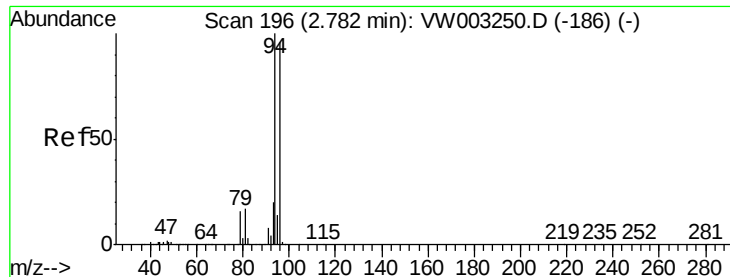
Tgt Ion: 62 Resp: 63770

Ion Ratio Lower Upper

62 100

64 33.4 24.9 37.3





#5

Bromomethane

Concen: 19.872 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

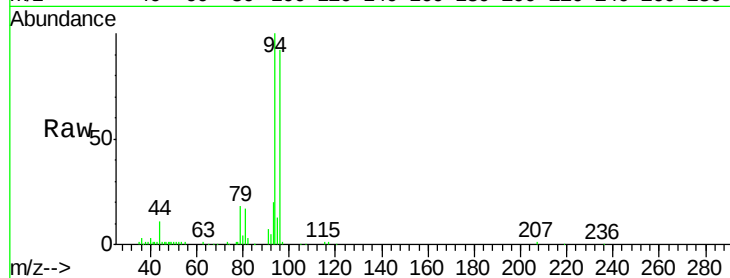
VW0623SBS01

Tgt Ion: 94 Resp: 39684

Ion Ratio Lower Upper

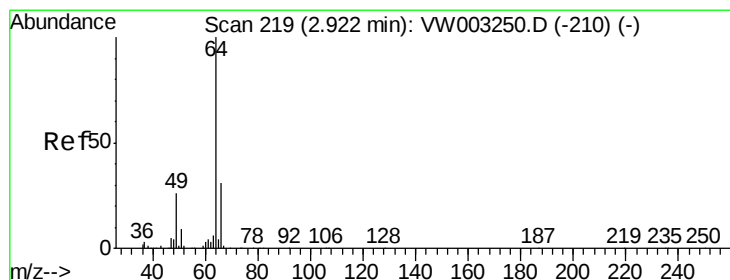
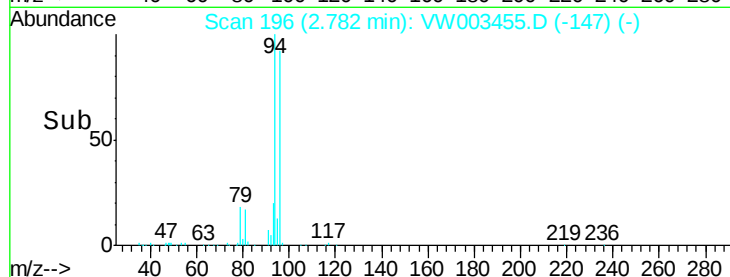
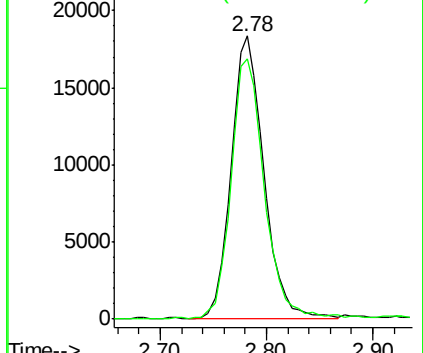
94 100

96 91.6 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.524 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003455.D

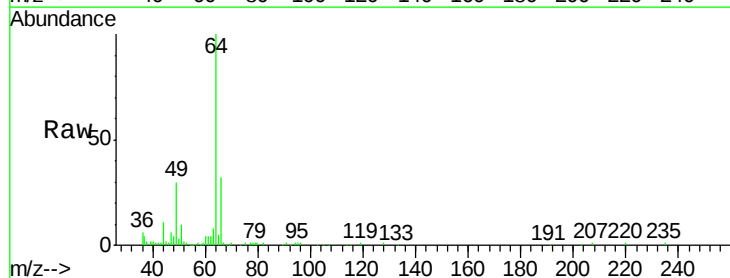
Acq: 23 Jun 2018 13:02

Tgt Ion: 64 Resp: 42923

Ion Ratio Lower Upper

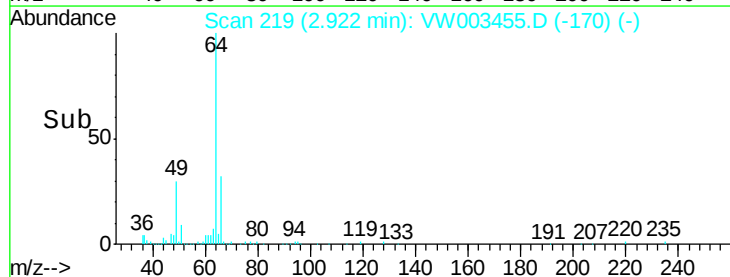
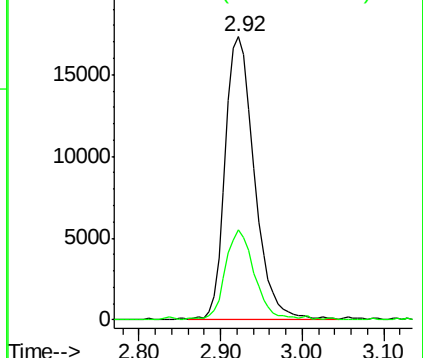
64 100

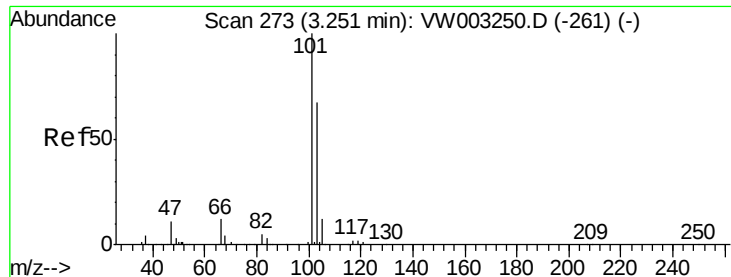
66 31.9 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



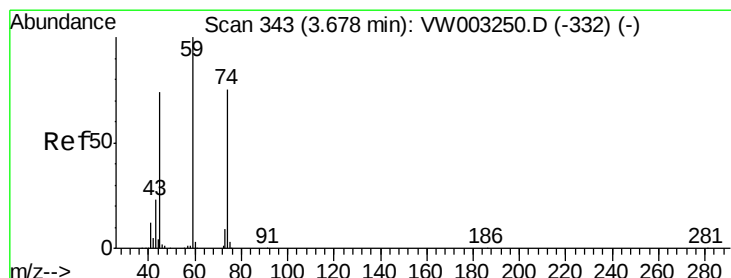
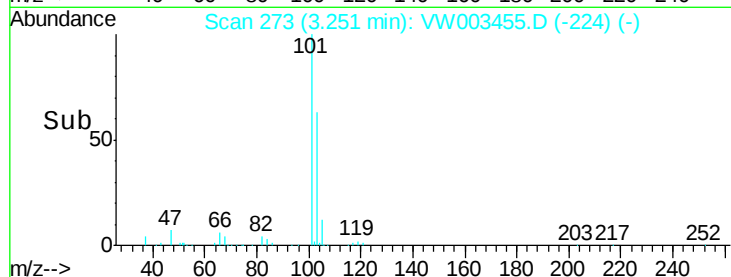
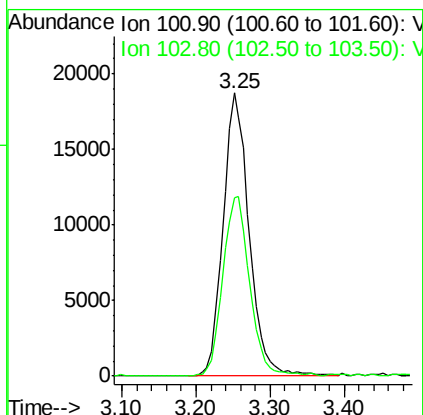
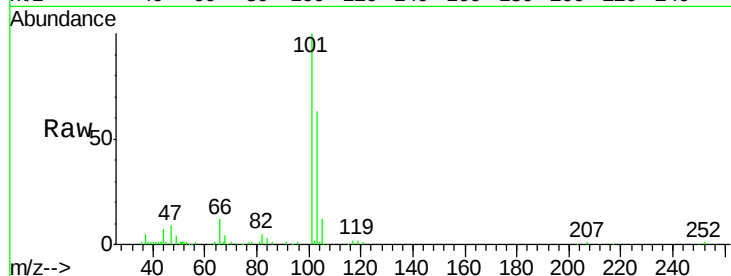


#7

Trichlorofluoromethane
Concen: 25.402 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

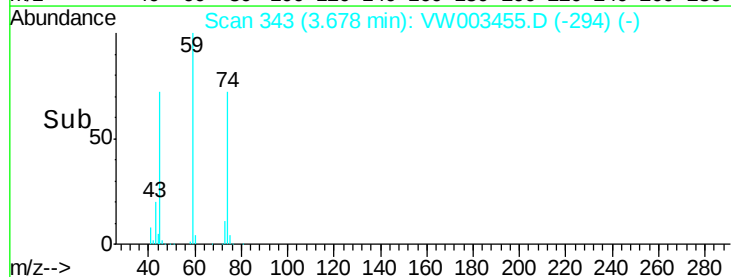
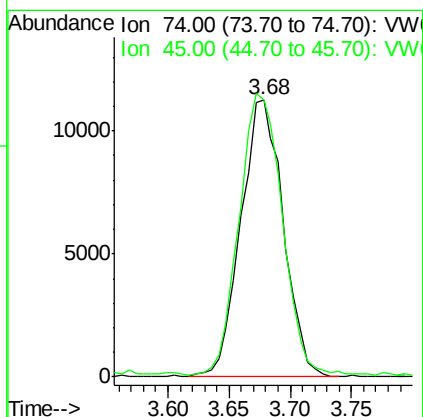
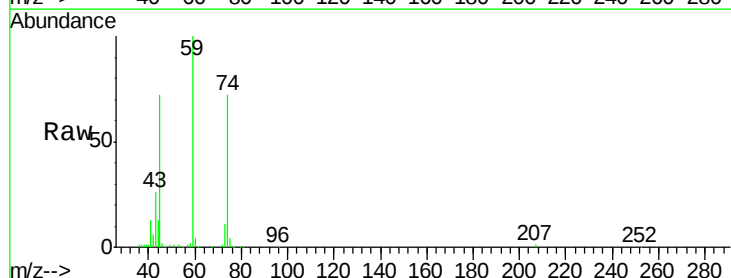
Tgt Ion:101 Resp: 45722
Ion Ratio Lower Upper
101 100
103 63.1 53.4 80.0

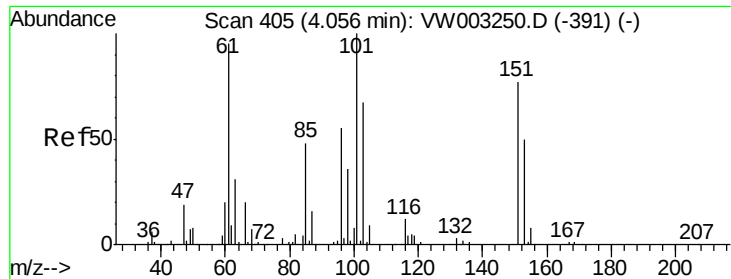


#8

Diethyl Ether
Concen: 20.534 ug/l
RT: 3.68 min Scan# 343
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 74 Resp: 27151
Ion Ratio Lower Upper
74 100
45 104.0 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.848 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

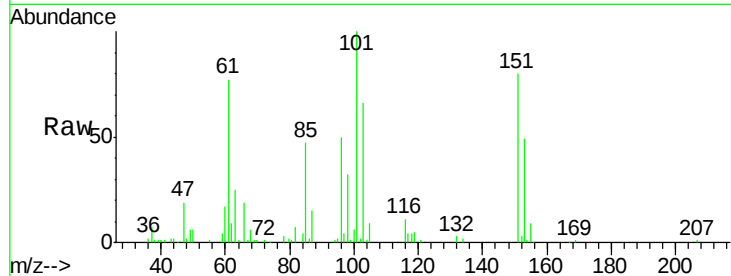
Tgt Ion:101 Resp: 54607

Ion Ratio Lower Upper

101 100

85 46.1 37.0 55.6

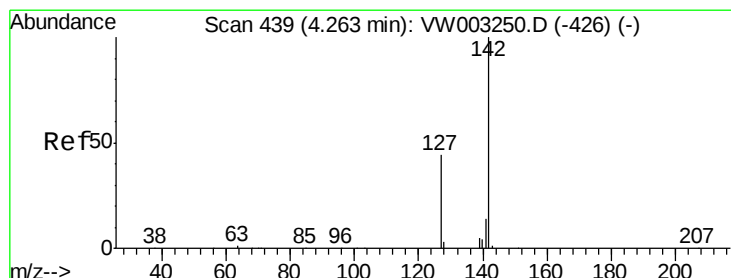
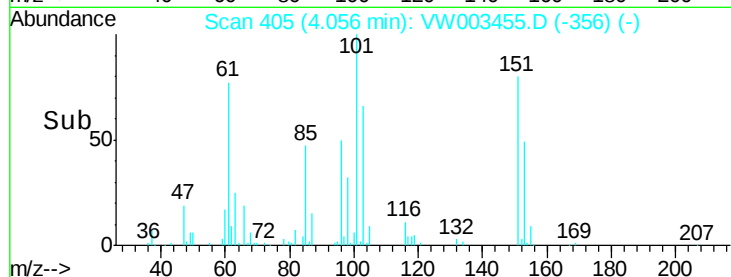
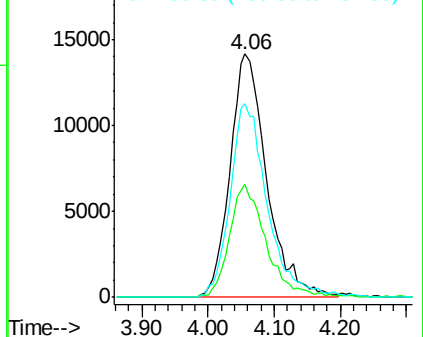
151 80.5 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.291 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

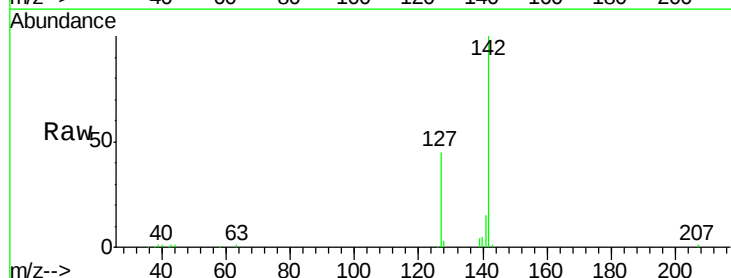
Tgt Ion:142 Resp: 80480

Ion Ratio Lower Upper

142 100

127 46.1 36.5 54.7

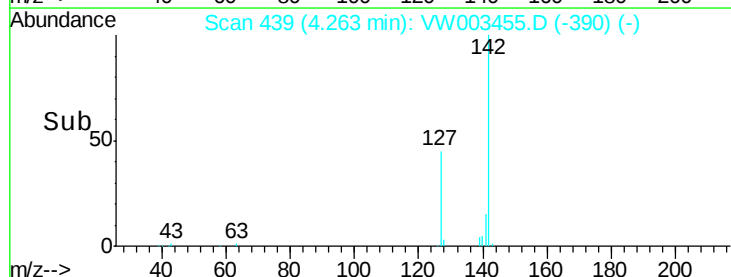
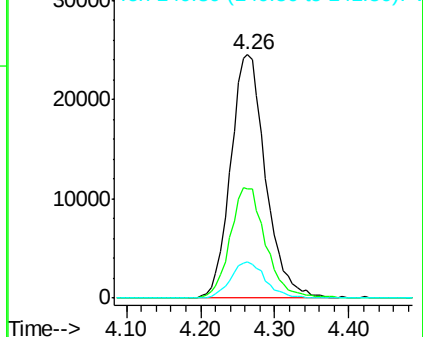
141 14.8 12.1 18.1

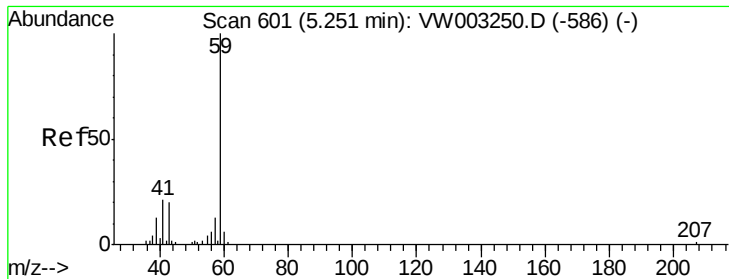


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



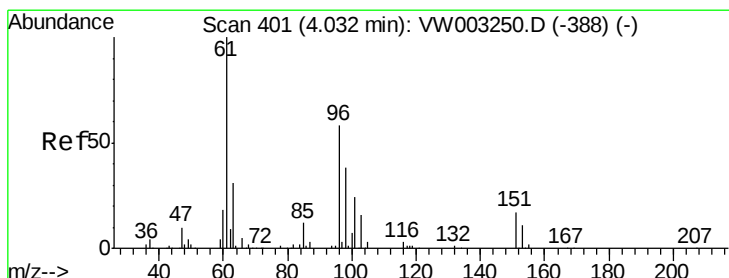
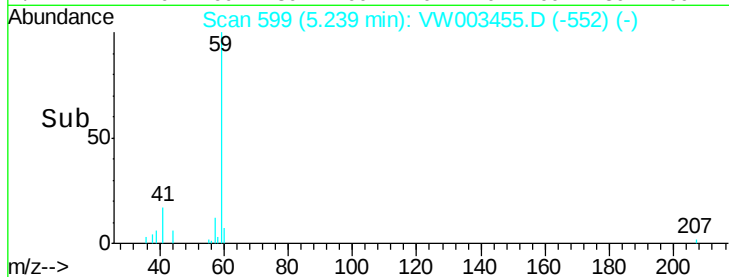
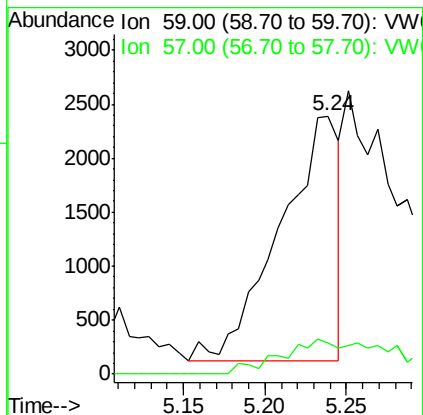
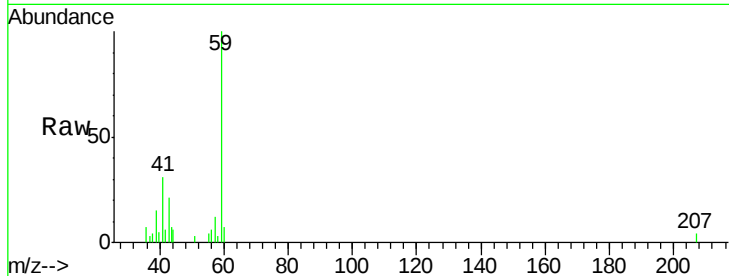


#11

Tert butyl alcohol
 Concen: 36.277 ug/l
 RT: 5.24 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

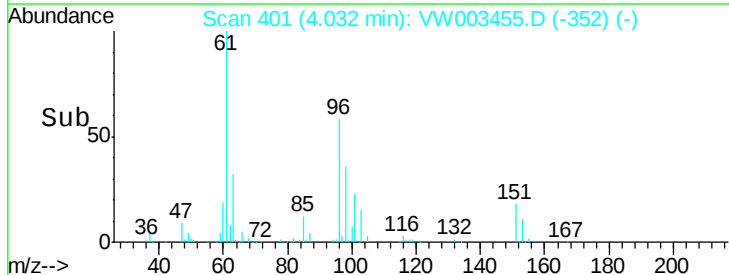
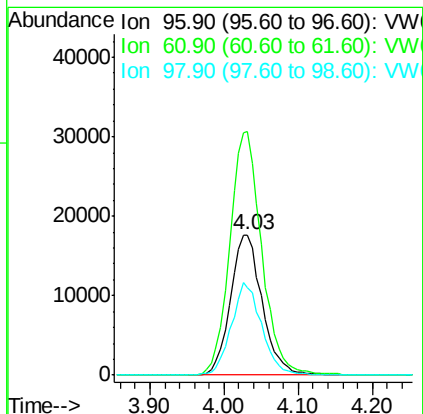
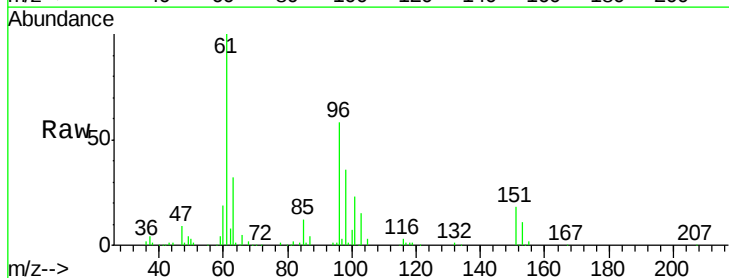
Tgt Ion: 59 Resp: 5686
 Ion Ratio Lower Upper
 59 100
 57 13.5 4.2 6.2#

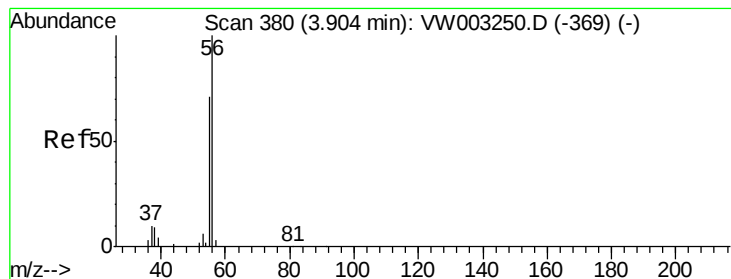


#12

1,1-Dichloroethene
 Concen: 21.618 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 96 Resp: 52803
 Ion Ratio Lower Upper
 96 100
 61 173.2 139.0 208.4
 98 62.7 53.3 79.9





#13

Acrolein

Concen: 74.508 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

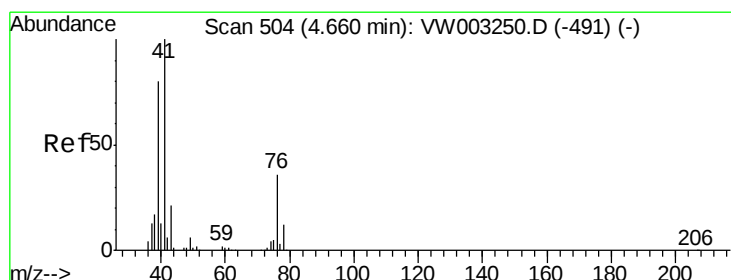
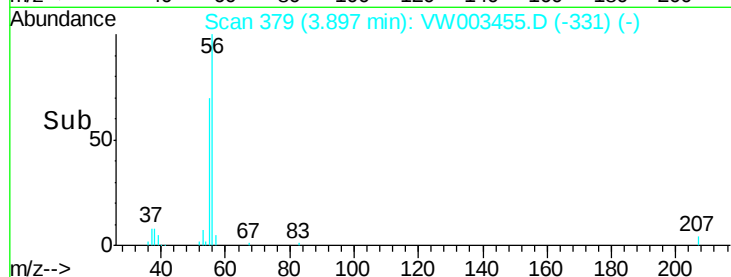
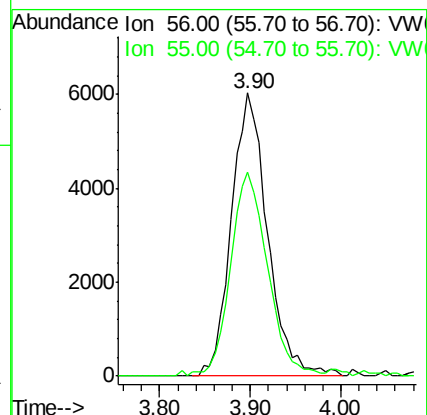
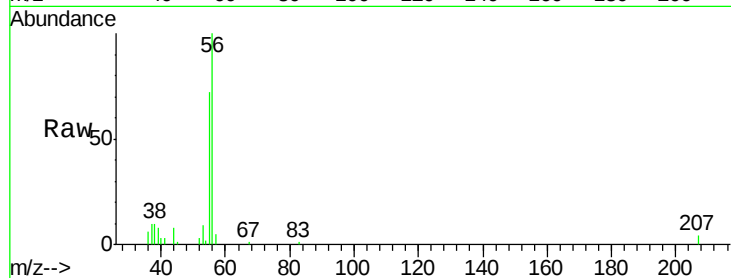
VW0623SBSD01

Tgt Ion: 56 Resp: 16697

Ion Ratio Lower Upper

56 100

55 73.9 55.4 83.2



#14

Allyl chloride

Concen: 21.081 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

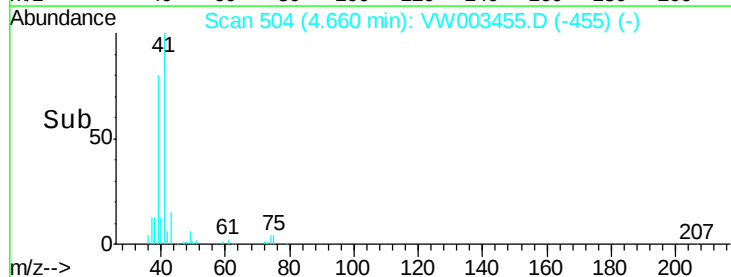
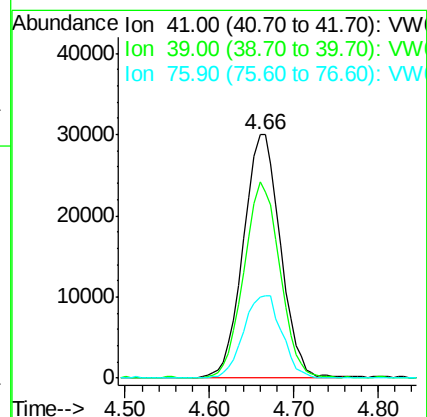
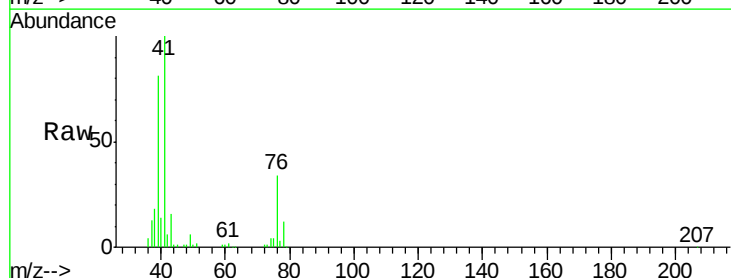
Tgt Ion: 41 Resp: 89193

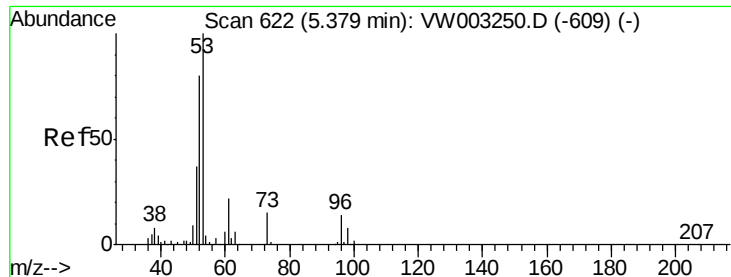
Ion Ratio Lower Upper

41 100

39 78.9 63.2 94.8

76 35.1 28.0 42.0





#15

Acrylonitrile

Concen: 99.251 ug/l

RT: 5.38 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

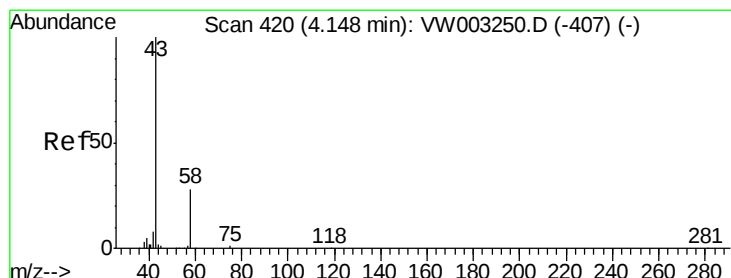
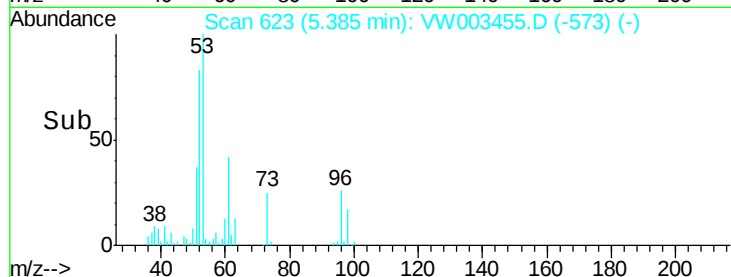
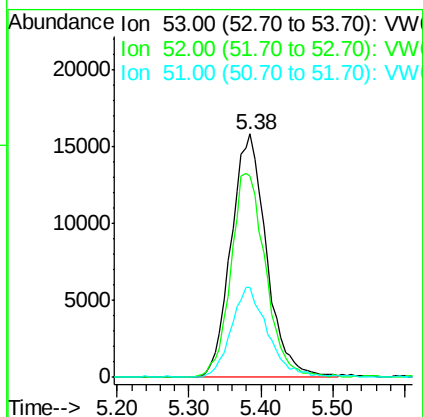
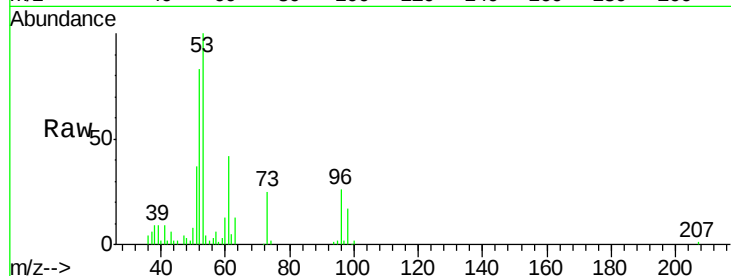
Tgt Ion: 53 Resp: 53995

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

51 38.1 30.6 46.0



#16

Acetone

Concen: 100.023 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW003455.D

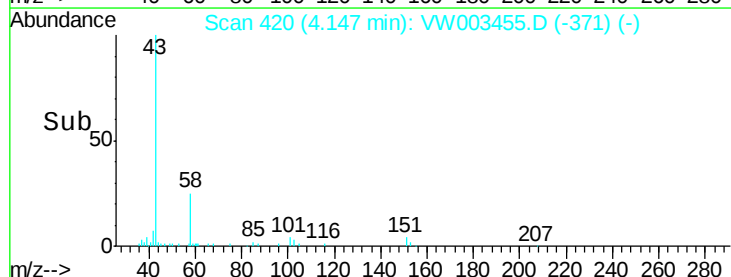
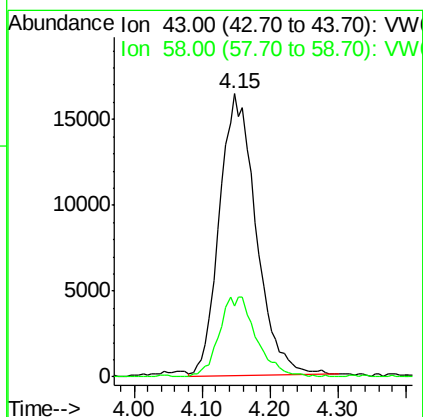
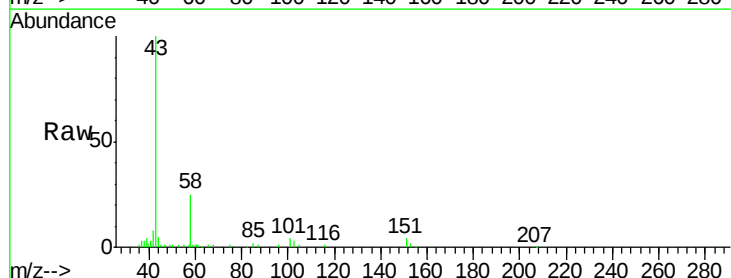
Acq: 23 Jun 2018 13:02

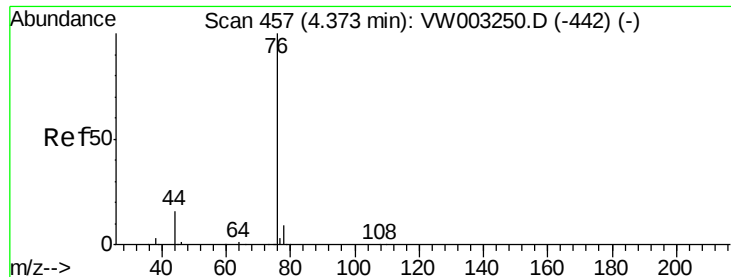
Tgt Ion: 43 Resp: 61309

Ion Ratio Lower Upper

43 100

58 25.2 22.6 34.0





#17

Carbon Disulfide

Concen: 21.617 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

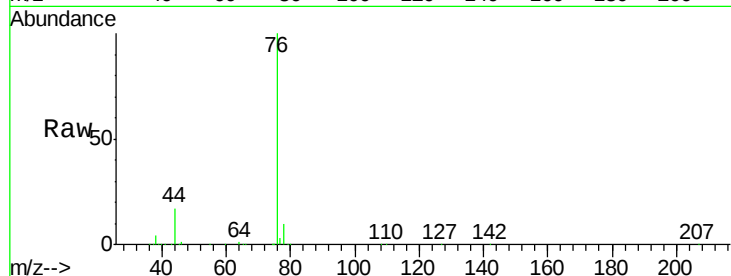
VW0623SBSD01

Tgt Ion: 76 Resp: 156100

Ion Ratio Lower Upper

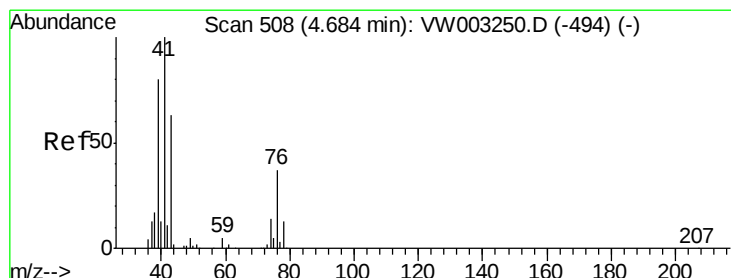
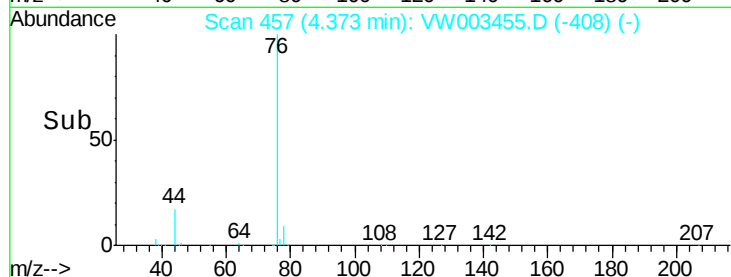
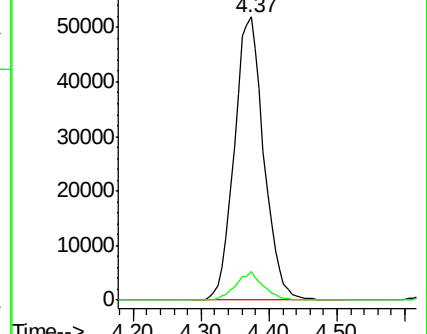
76 100

78 9.9 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: 18.484 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003455.D

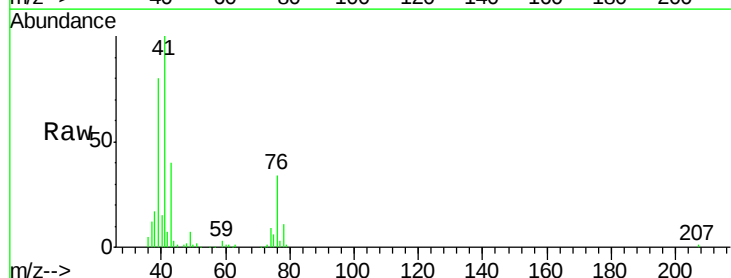
Acq: 23 Jun 2018 13:02

Tgt Ion: 43 Resp: 26877

Ion Ratio Lower Upper

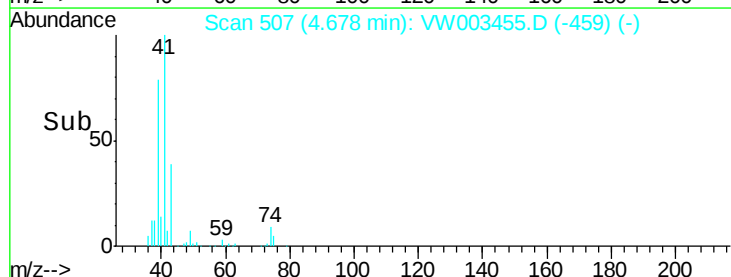
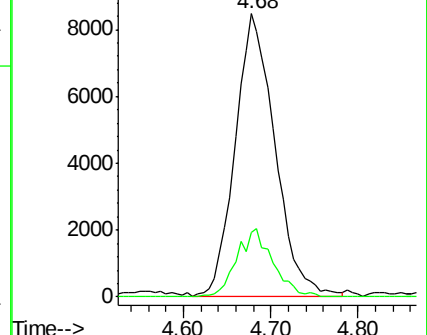
43 100

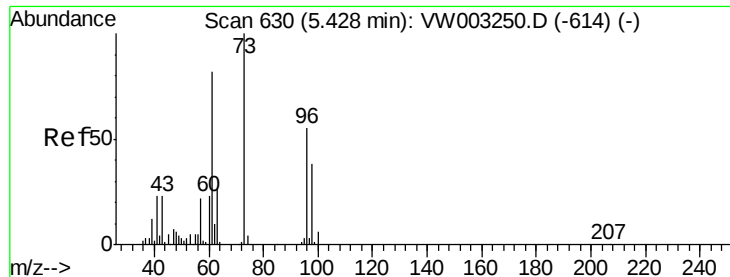
74 21.8 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



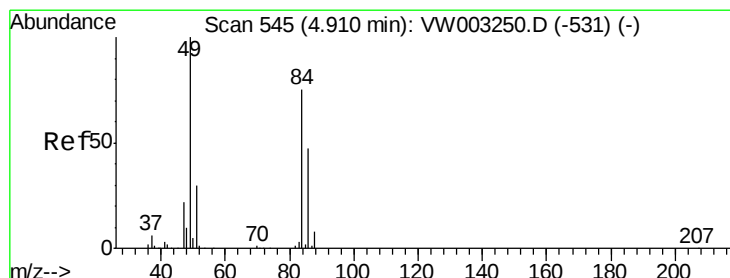
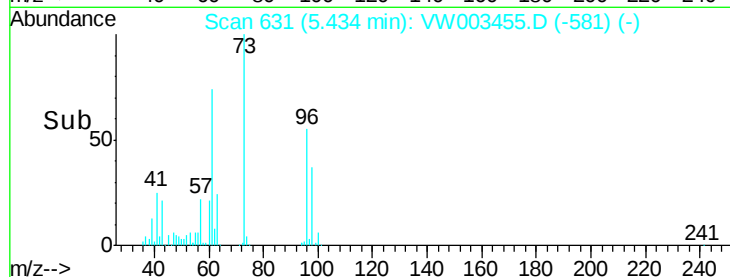
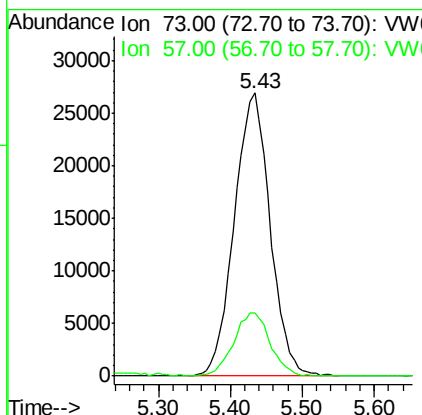
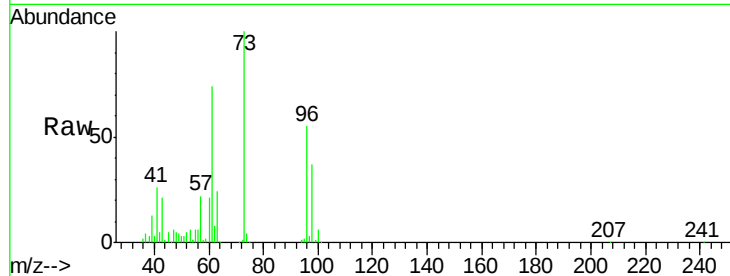


#19

Methyl tert-butyl Ether
 Concen: 20.354 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

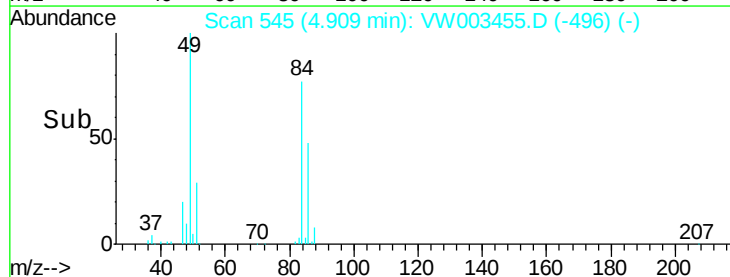
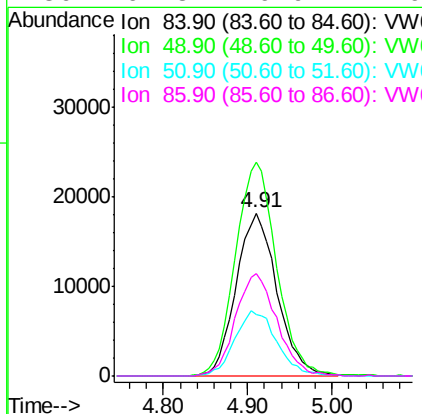
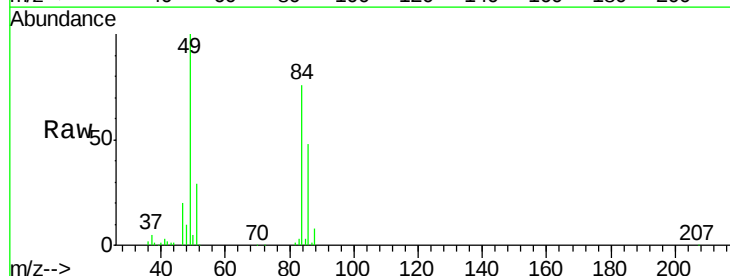
Tgt Ion: 73 Resp: 93114
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.0 27.0

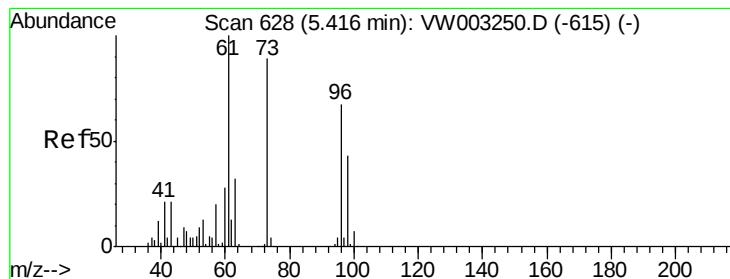


#20

Methylene Chloride
 Concen: 20.814 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 84 Resp: 59773
 Ion Ratio Lower Upper
 84 100
 49 131.2 106.3 159.5
 51 37.8 32.0 48.0
 86 62.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.771 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

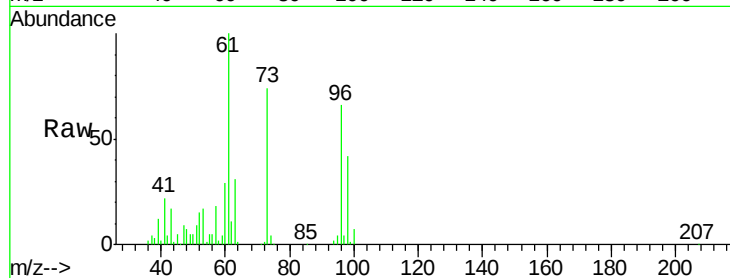
Tgt Ion: 96 Resp: 57873

Ion Ratio Lower Upper

96 100

61 150.6 118.7 178.1

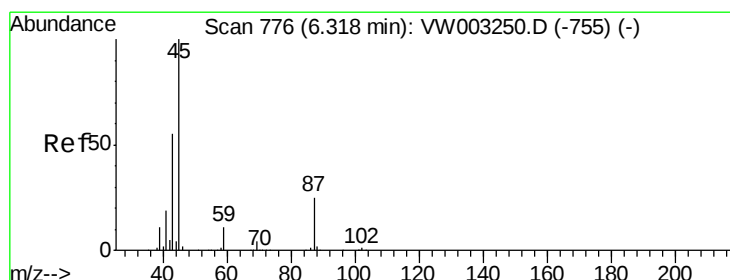
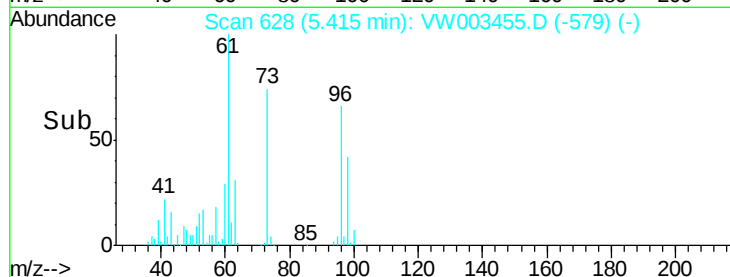
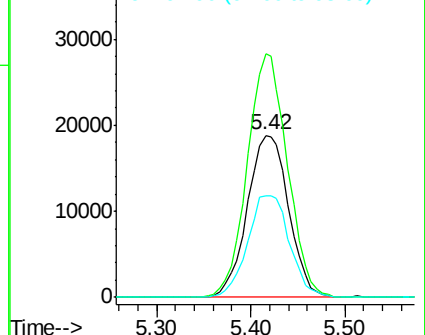
98 62.8 51.0 76.6



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: 21.195 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion: 45 Resp: 180475

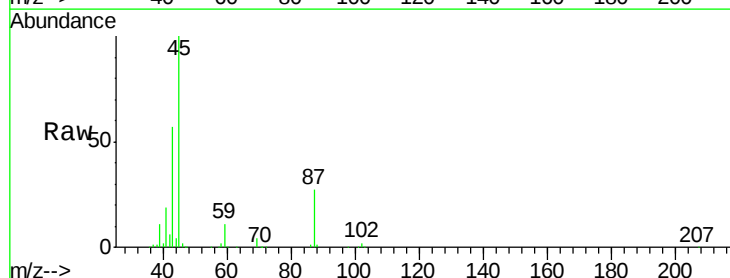
Ion Ratio Lower Upper

45 100

43 56.5 44.0 66.0

87 26.4 20.6 31.0

59 11.1 8.8 13.2

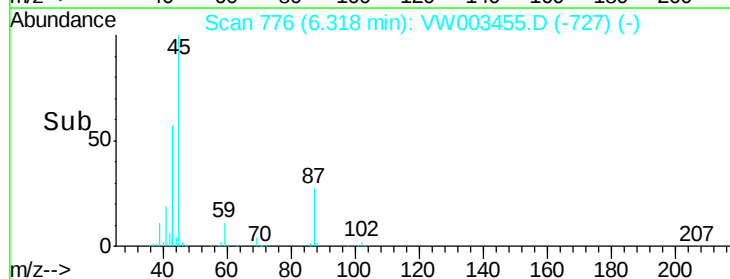
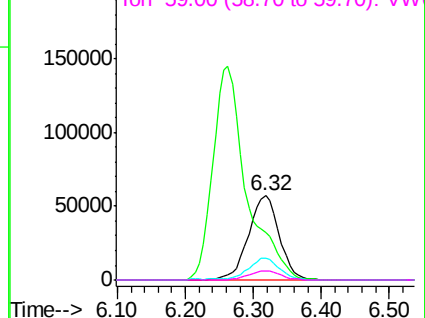


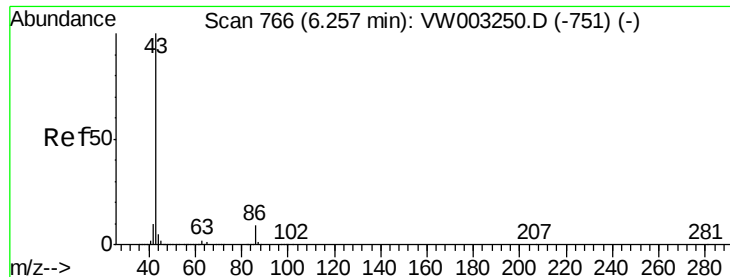
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 101.883 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

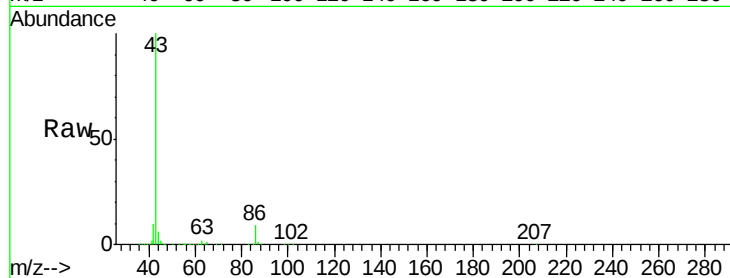
VW0623SBS01

Tgt Ion: 43 Resp: 499933

Ion Ratio Lower Upper

43 100

86 9.3 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

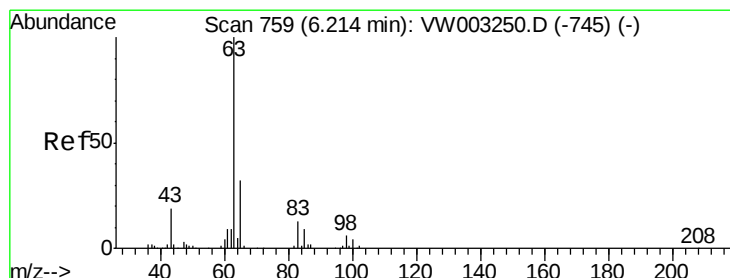
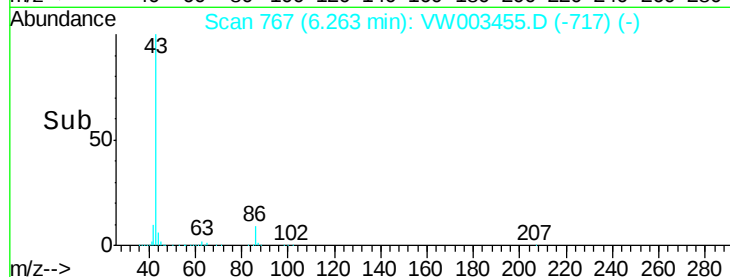
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.830 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

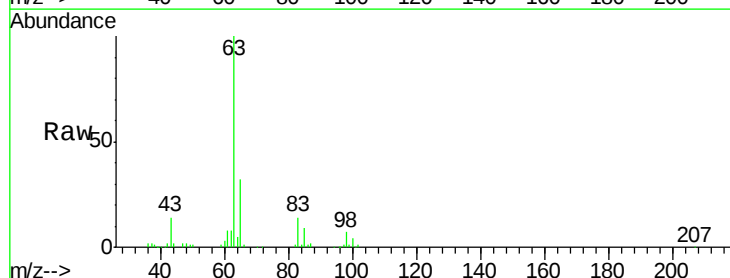
Tgt Ion: 63 Resp: 110352

Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

100 3.9 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

50000

40000

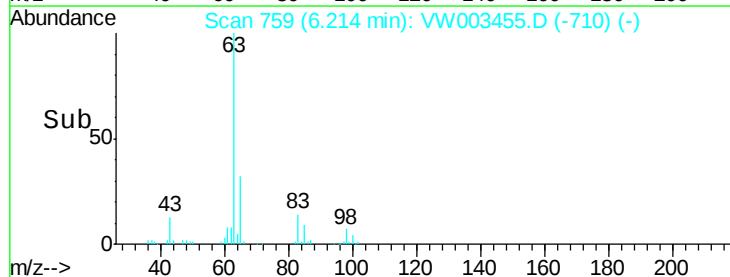
30000

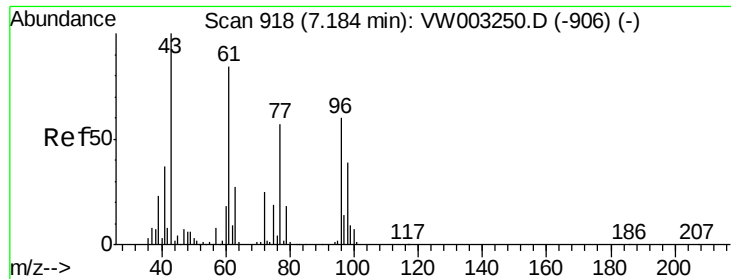
20000

10000

0

Time-->





#25

2-Butanone

Concen: 98.355 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

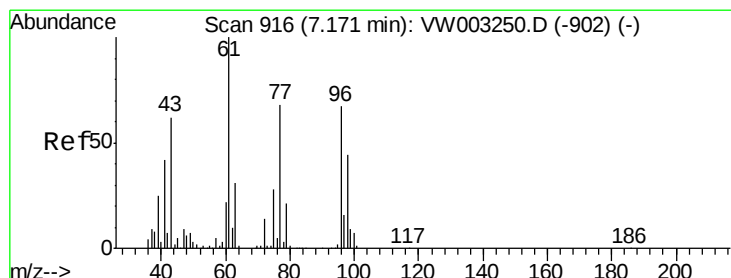
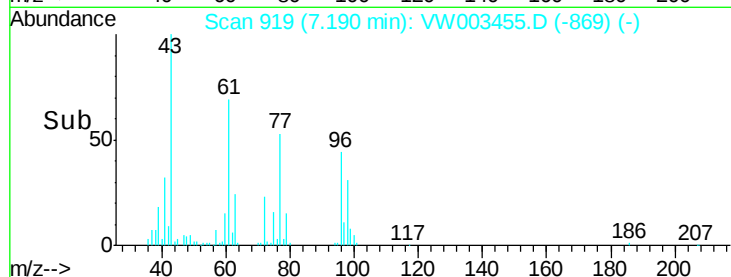
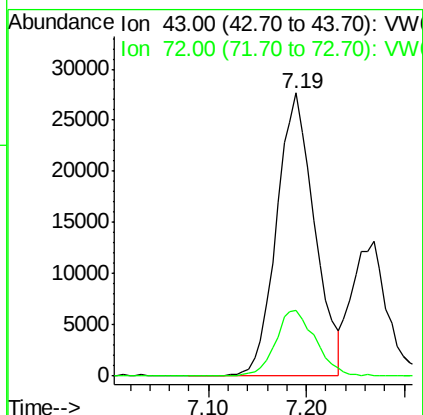
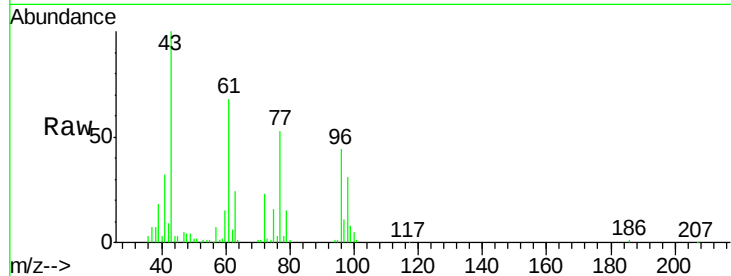
VW0623SBSD01

Tgt Ion: 43 Resp: 74965

Ion Ratio Lower Upper

43 100

72 23.2 20.3 30.5



#26

2,2-Dichloropropane

Concen: 22.021 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003455.D

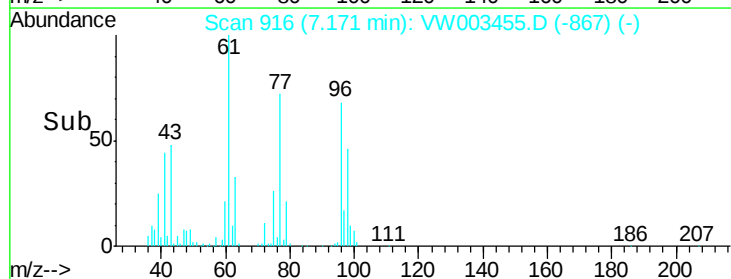
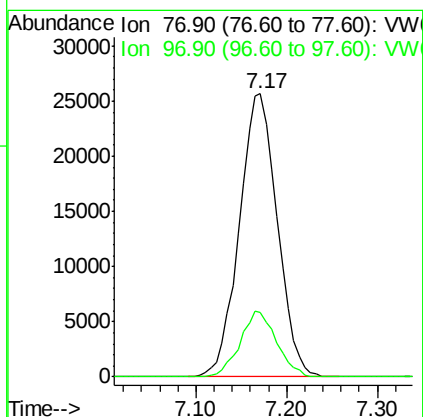
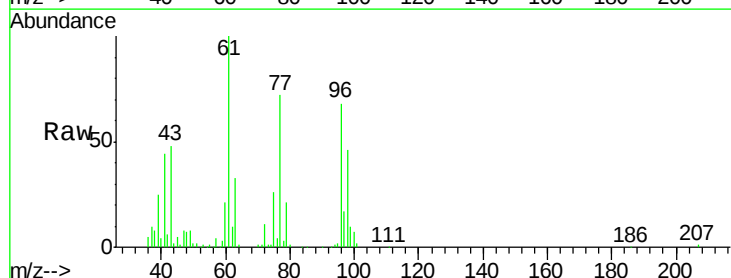
Acq: 23 Jun 2018 13:02

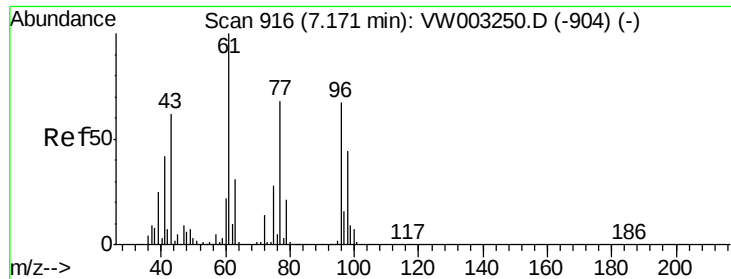
Tgt Ion: 77 Resp: 74290

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9



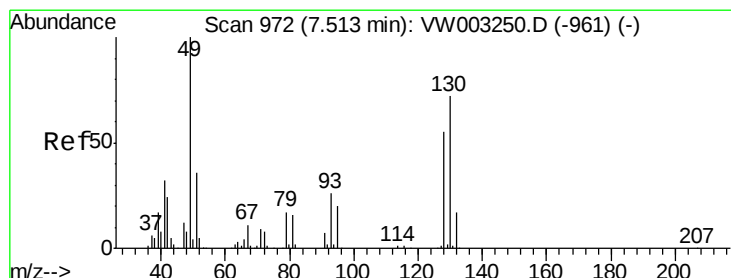
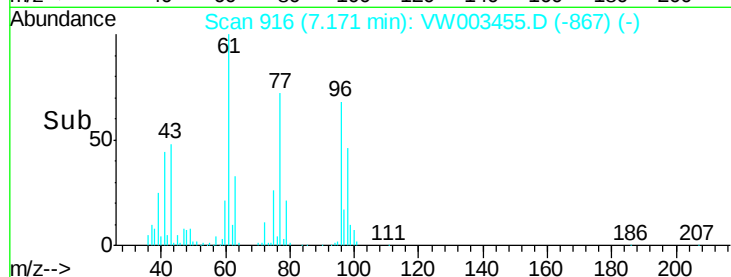
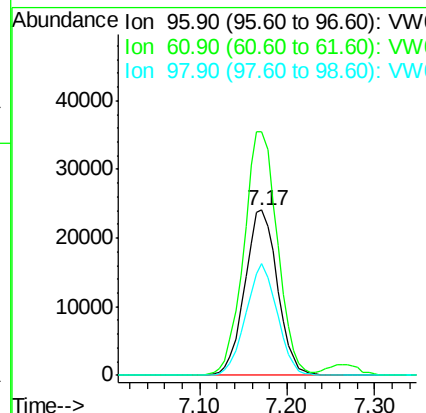
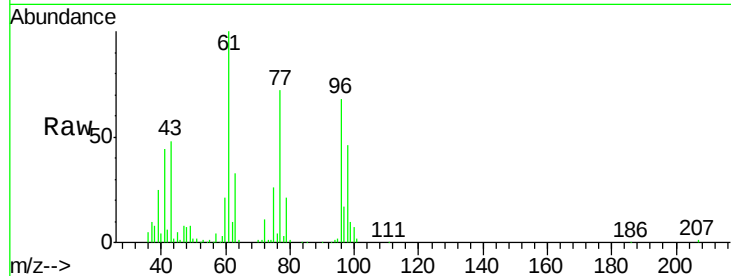


#27

cis-1,2-Dichloroethene
Concen: 21.369 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

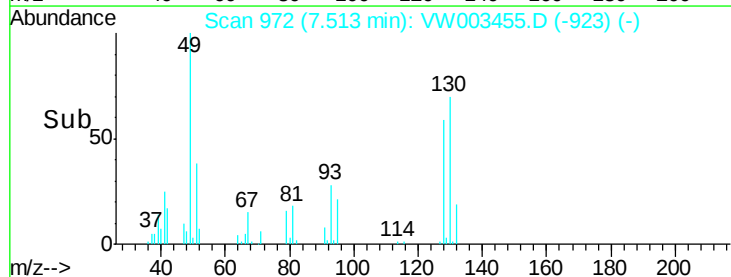
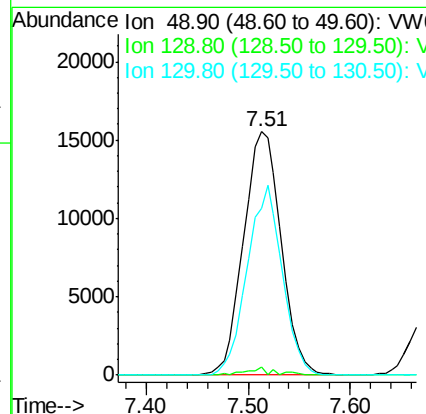
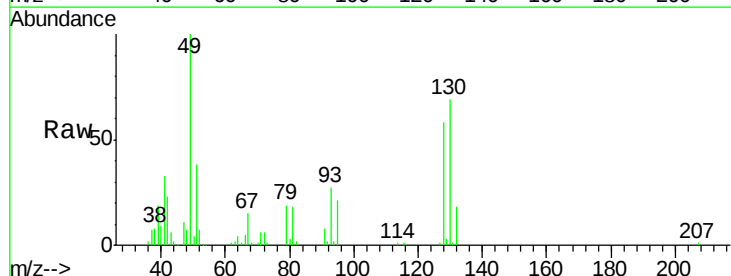
Tgt Ion: 96 Resp: 62401
Ion Ratio Lower Upper
96 100
61 151.8 0.0 298.8
98 65.0 0.0 130.4

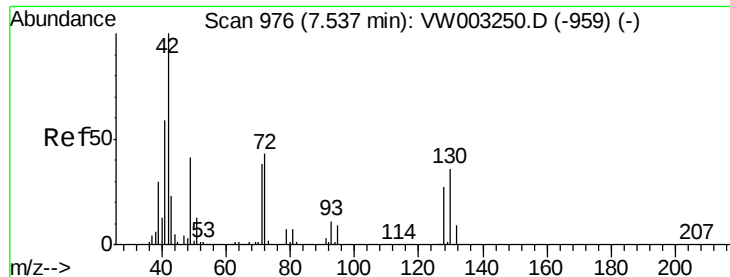


#28

Bromochloromethane
Concen: 18.921 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 49 Resp: 39802
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 72.6 59.4 89.2





#29

Tetrahydrofuran

Concen: 93.585 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

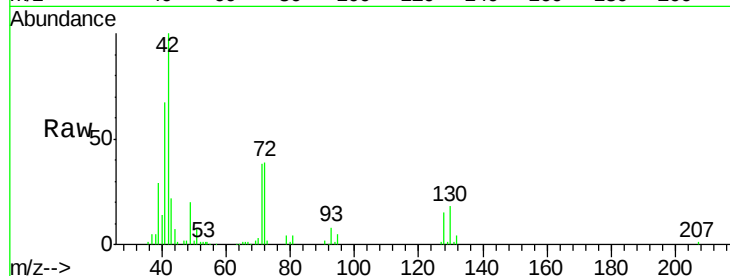
Tgt Ion: 42 Resp: 43594

Ion Ratio Lower Upper

42 100

72 39.3 32.4 48.6

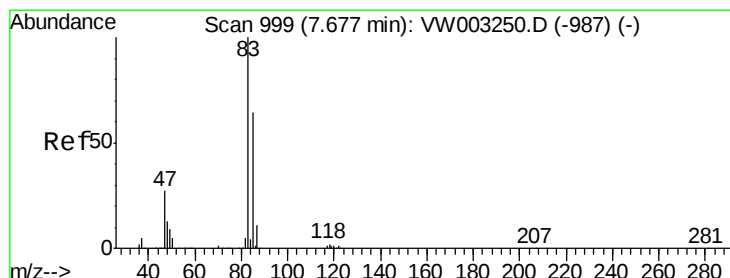
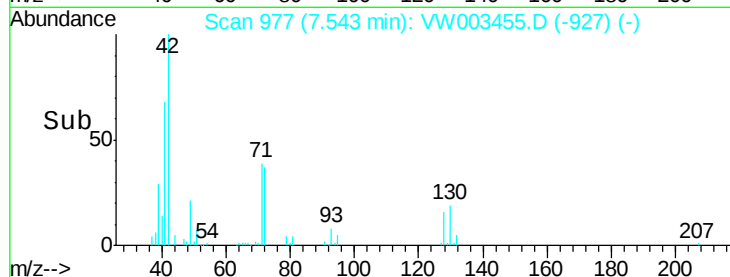
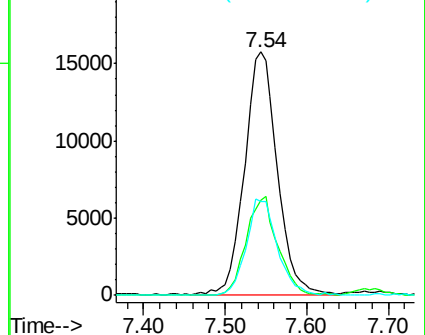
71 37.9 31.2 46.8



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: 21.512 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003455.D

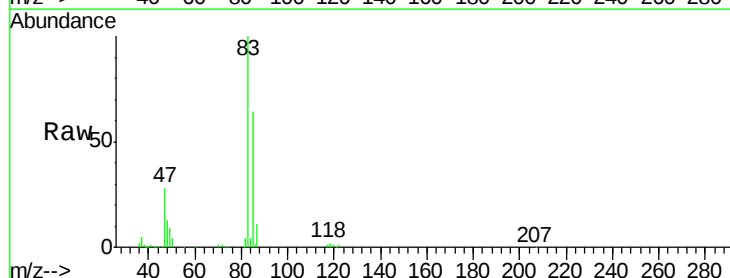
Acq: 23 Jun 2018 13:02

Tgt Ion: 83 Resp: 110783

Ion Ratio Lower Upper

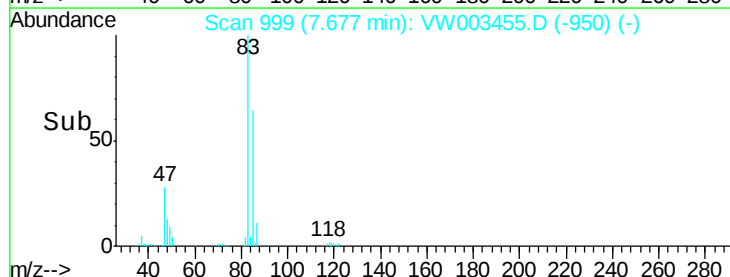
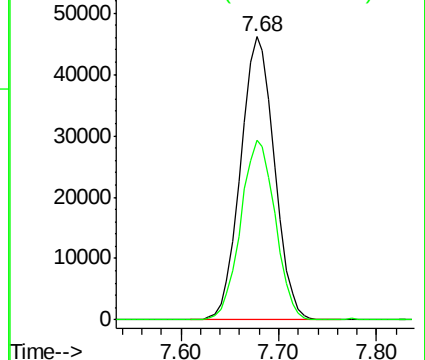
83 100

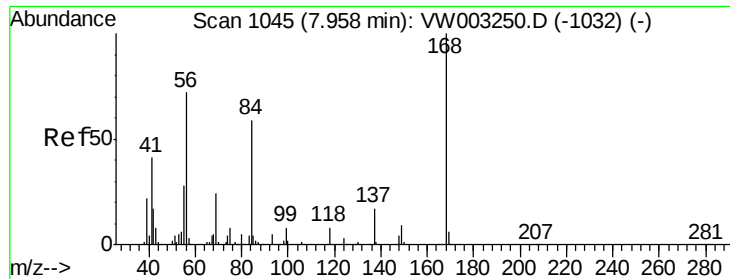
85 63.5 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

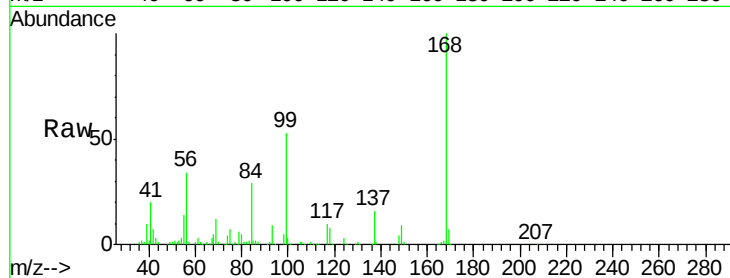




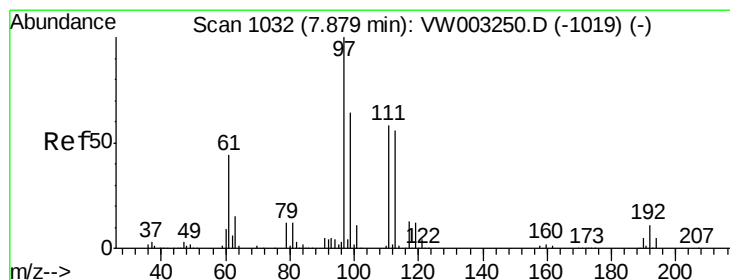
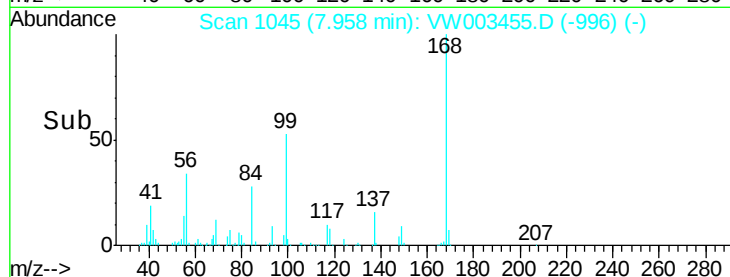
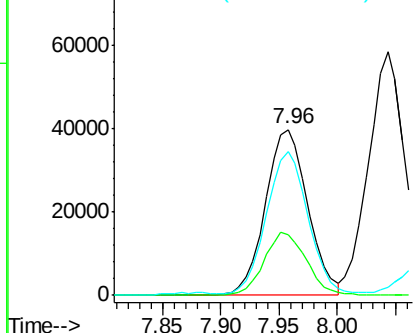
#31
Cyclohexane
Concen: 21.232 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tgt Ion: 56 Resp: 100271
Ion Ratio Lower Upper
56 100
69 36.7 26.3 39.5
84 85.6 65.7 98.5

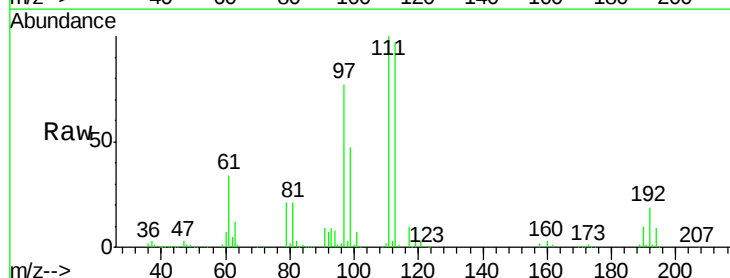


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

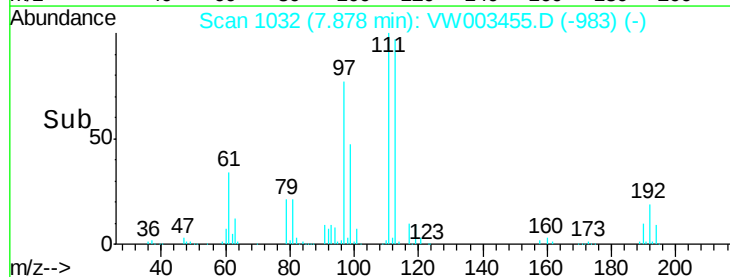
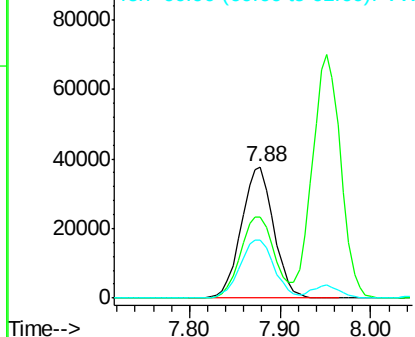


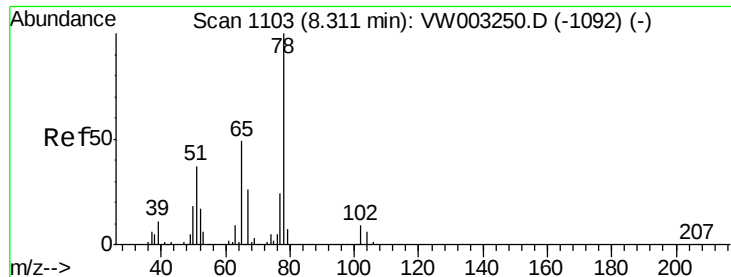
#32
1,1,1-Trichloroethane
Concen: 21.824 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 97 Resp: 92770
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 46.8 37.6 56.4



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





#33

1,2-Dichloroethane-d4

Concen: 51.756 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

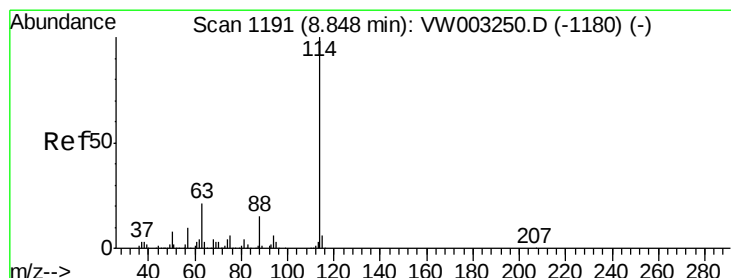
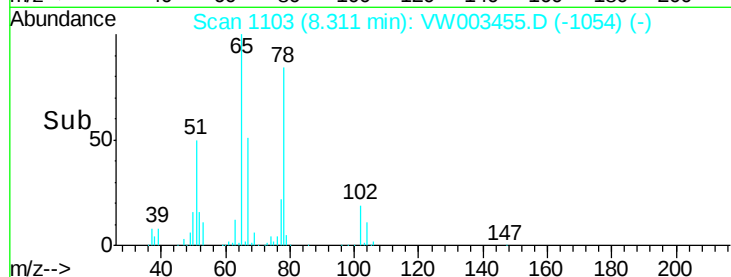
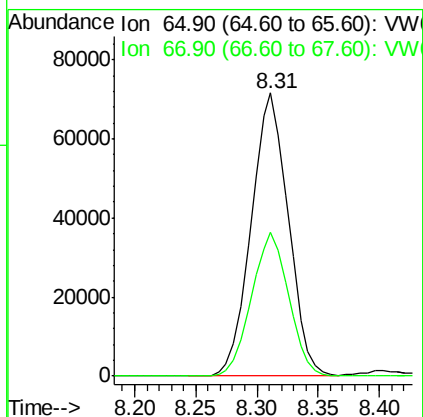
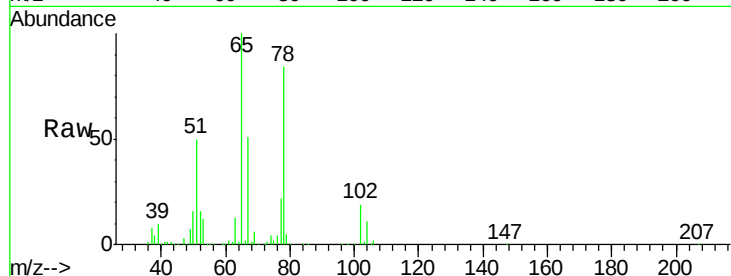
VW0623SBSD01

Tgt Ion: 65 Resp: 151259

Ion Ratio Lower Upper

65 100

67 51.1 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: VW003455.D

Acq: 23 Jun 2018 13:02

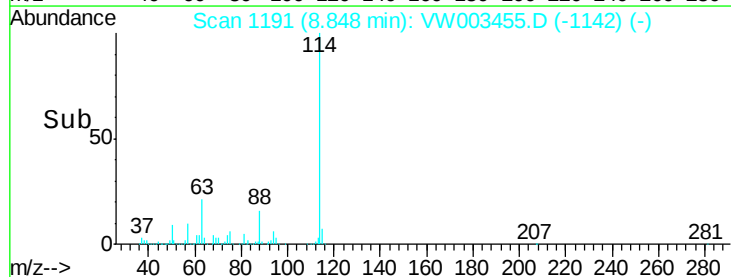
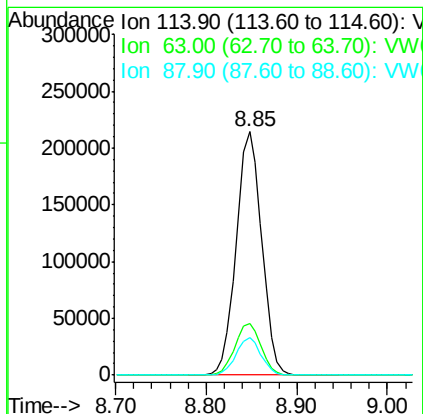
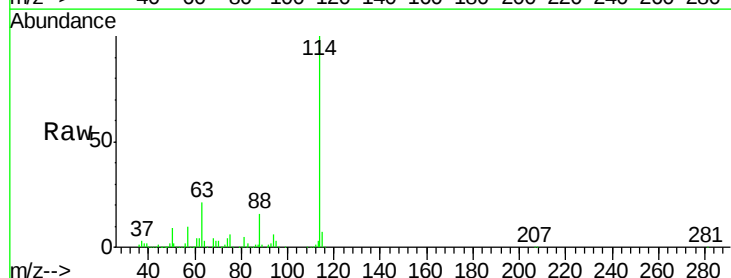
Tgt Ion: 114 Resp: 417140

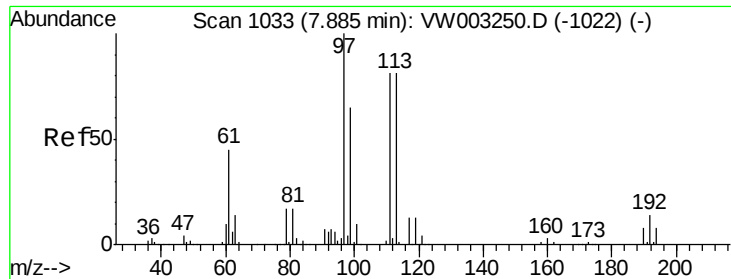
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.0

88 15.5 0.0 29.6

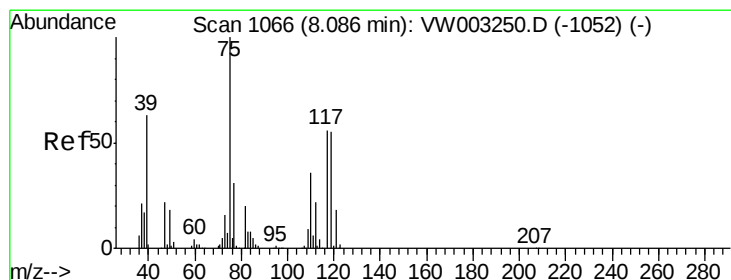
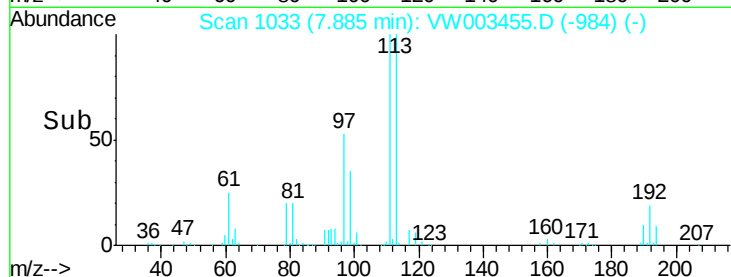
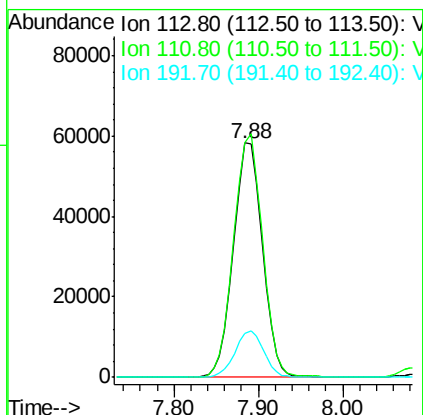
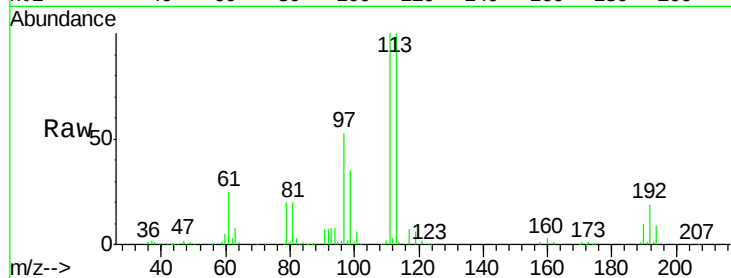




#35
 Dibromofluoromethane
 Concen: 52.488 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

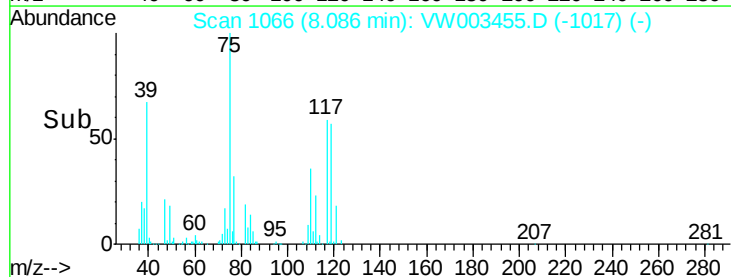
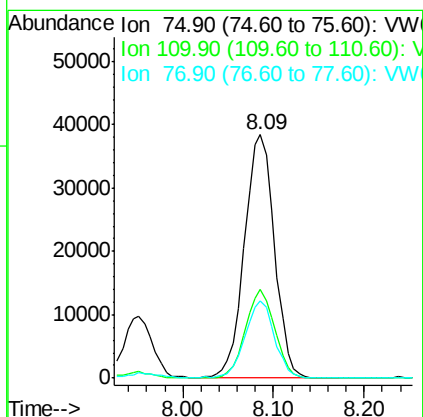
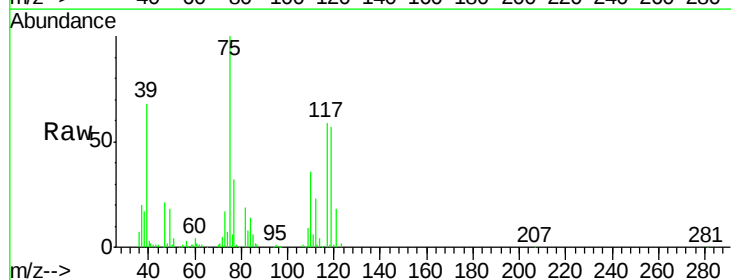
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

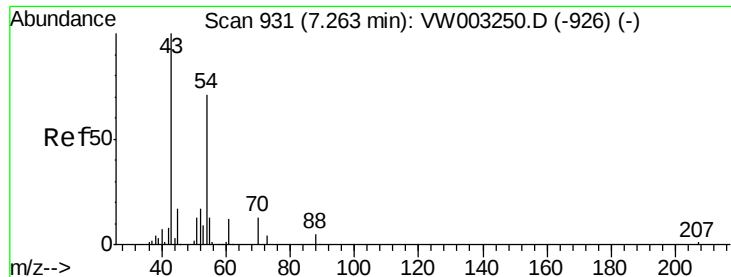
Tgt Ion: 113 Resp: 136049
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 21.892 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 75 Resp: 88190
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.1 51.3
 77 31.2 24.9 37.3

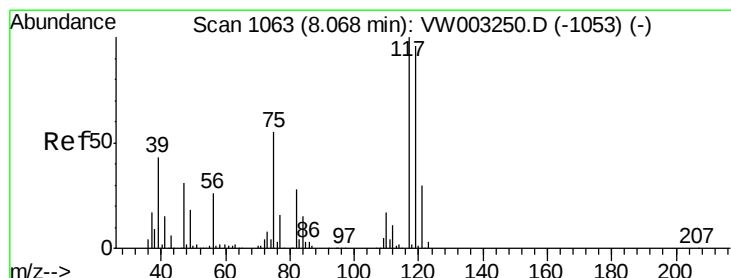
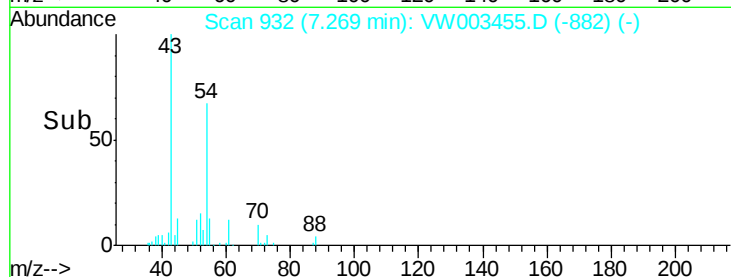
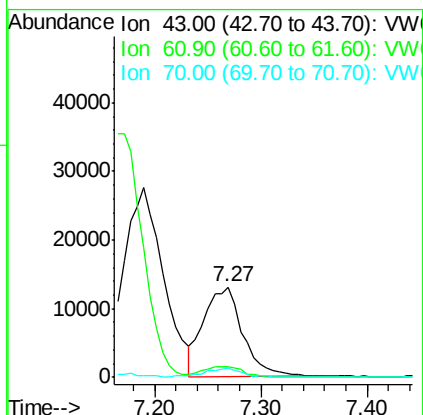
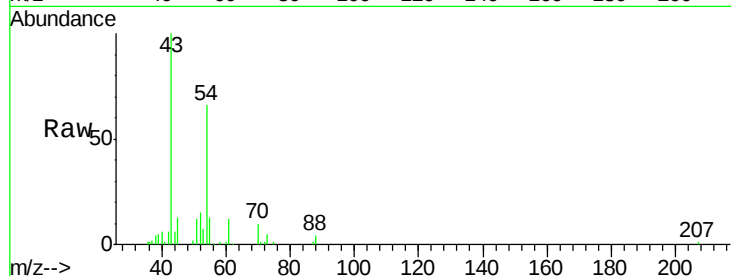




#37
 Ethyl Acetate
 Concen: 19.990 ug/l
 RT: 7.27 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

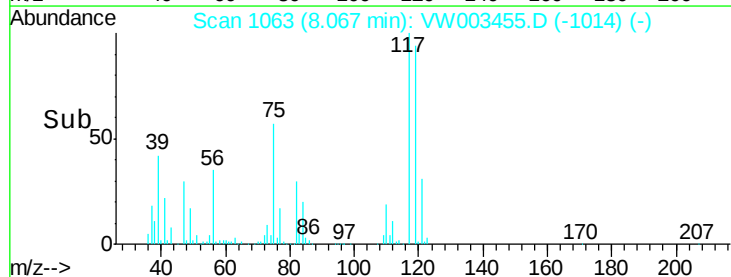
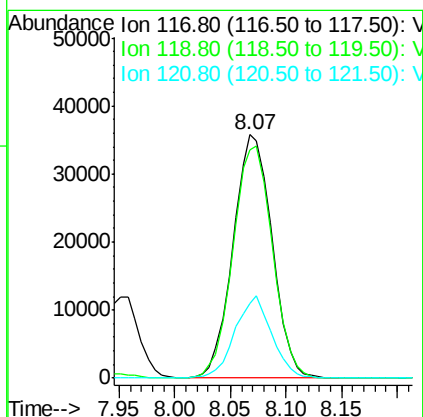
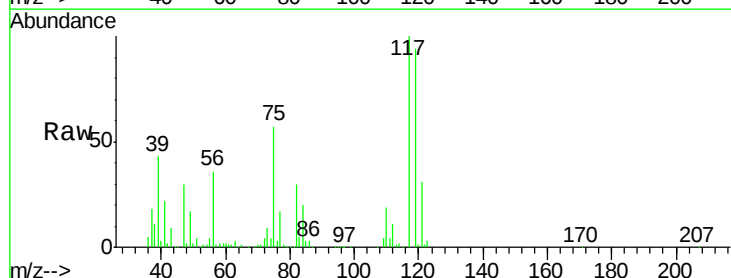
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

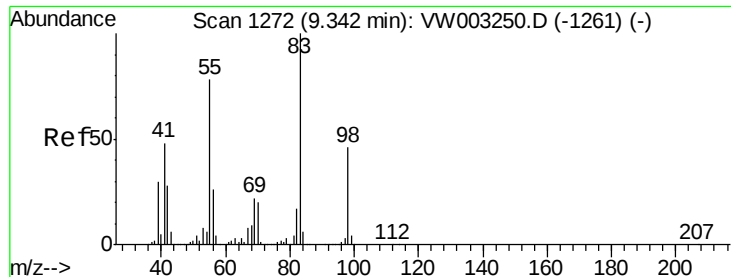
Tgt Ion: 43 Resp: 33362
 Ion Ratio Lower Upper
 43 100
 61 12.5 10.8 16.2
 70 9.9 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 22.037 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 117 Resp: 87080
 Ion Ratio Lower Upper
 117 100
 119 93.9 76.6 115.0
 121 30.7 23.9 35.9

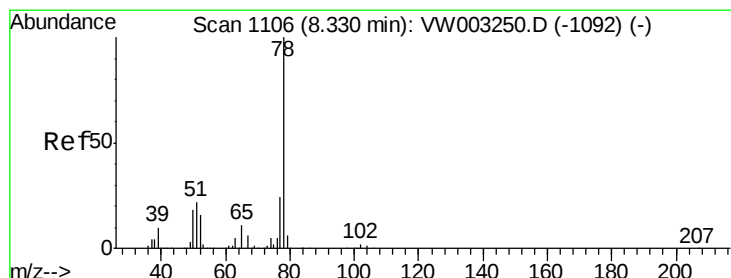
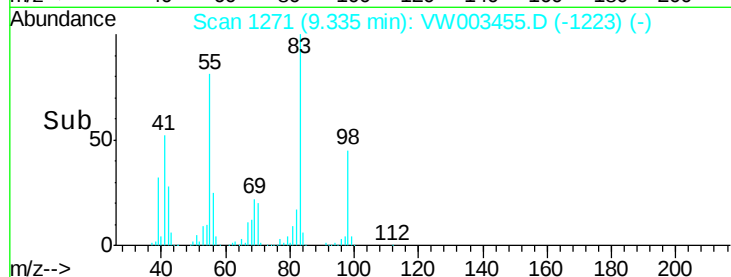
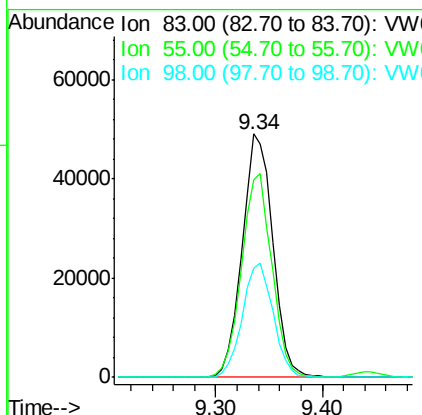
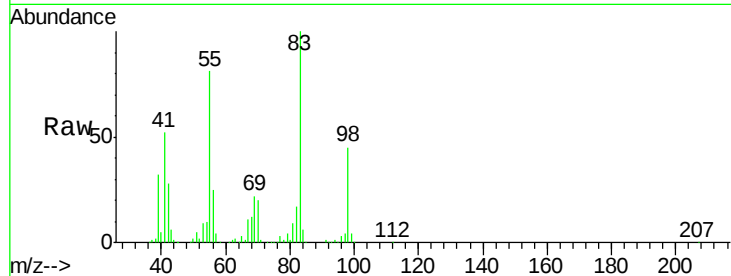




#39
Methylcyclohexane
Concen: 21.311 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

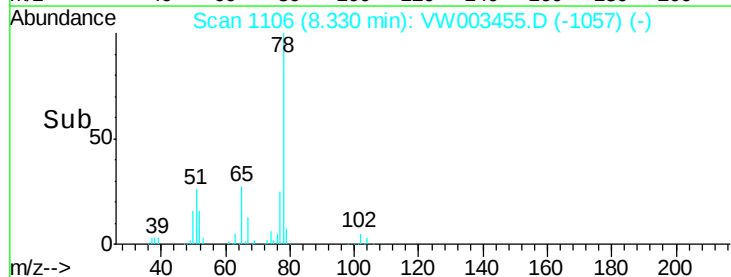
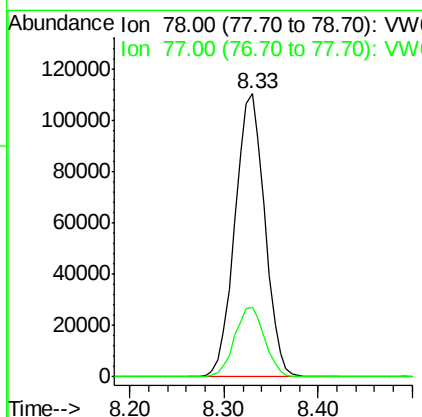
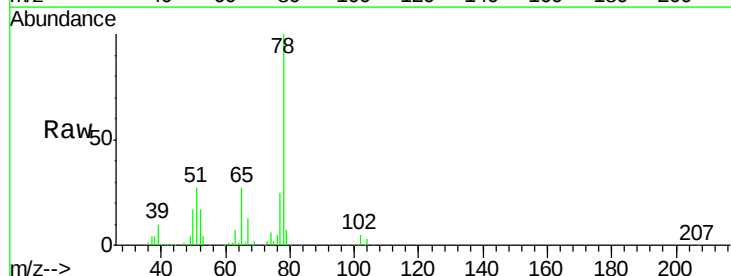
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

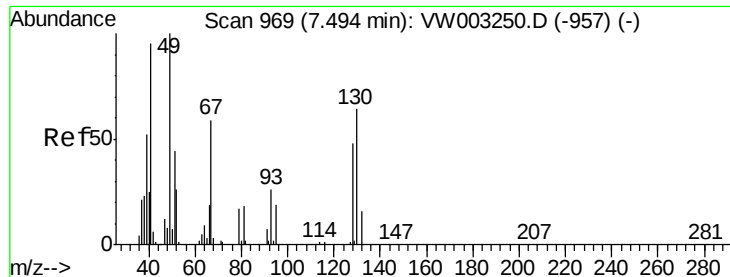
Tgt Ion: 83 Resp: 99337
Ion Ratio Lower Upper
83 100
55 81.4 62.6 93.8
98 44.6 37.0 55.4



#40
Benzene
Concen: 21.841 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 78 Resp: 242526
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6

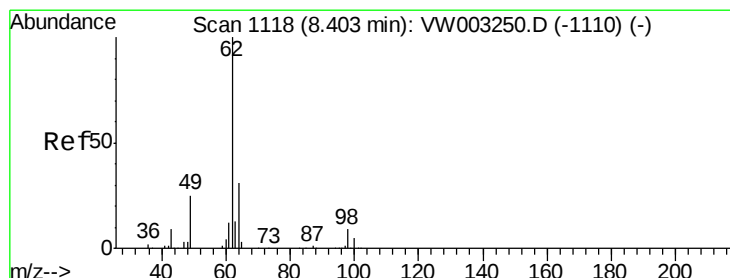
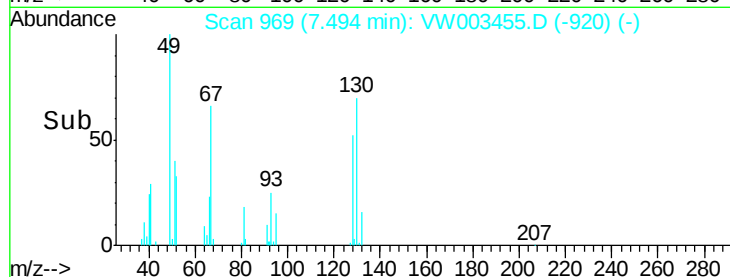
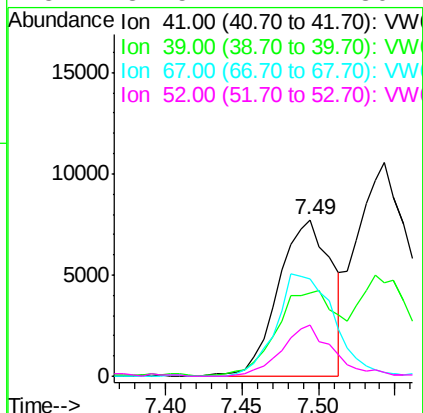
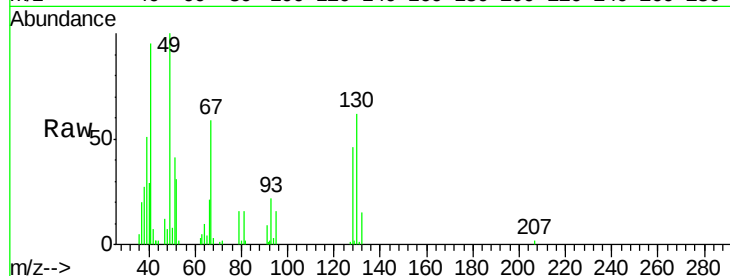




#41
Methacrylonitrile
Concen: 18.298 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

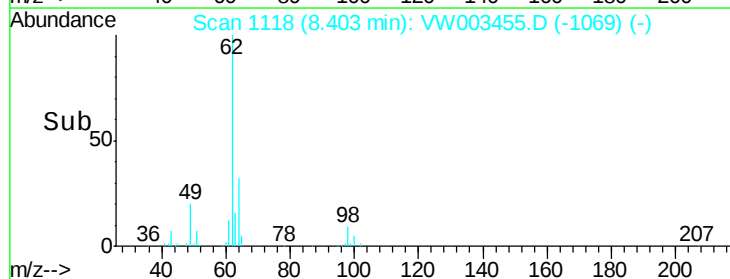
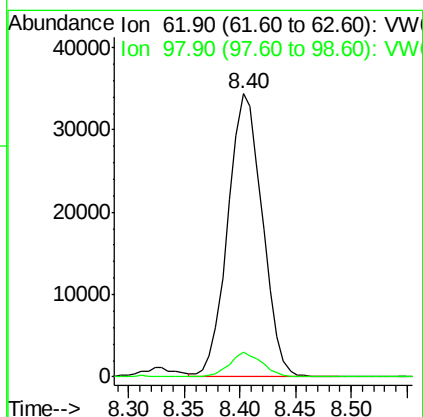
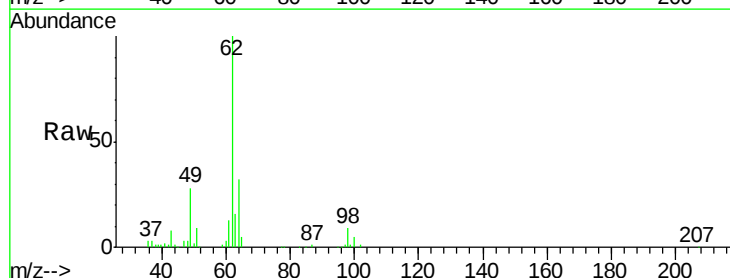
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tgt Ion:	41	Resp:	18739
Ion	Ratio	Lower	Upper
41	100		
39	64.2	45.8	68.8
67	71.5	52.3	78.5
52	31.5	24.1	36.1



#42
1,2-Dichloroethane
Concen: 21.254 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion:	62	Resp:	73942
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.339 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

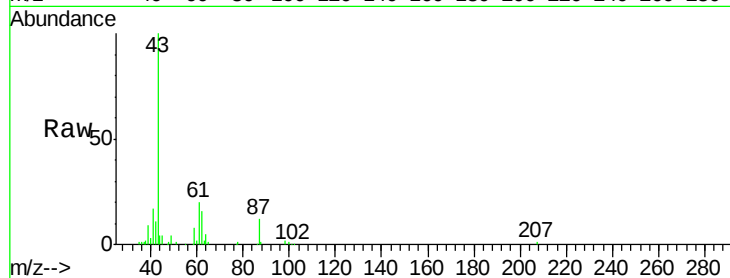
Tgt Ion: 43 Resp: 64085

Ion Ratio Lower Upper

43 100

61 29.4 23.1 34.7

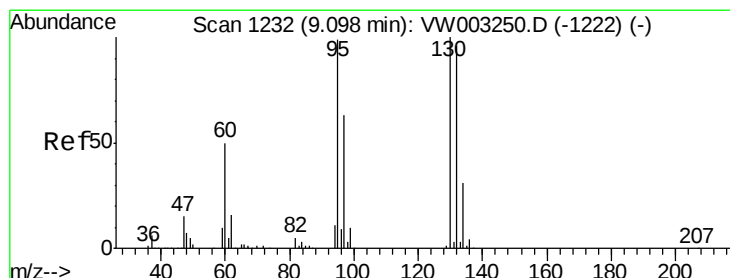
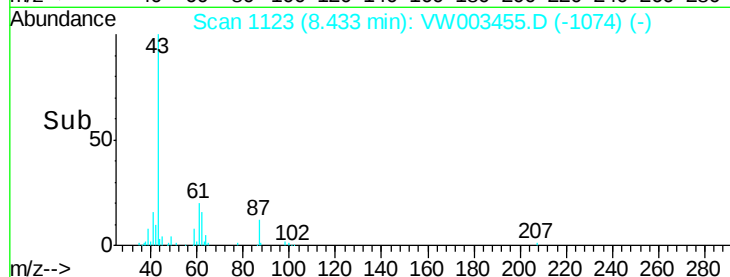
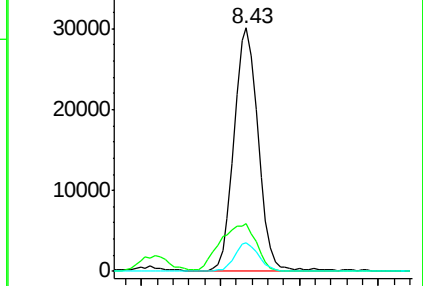
87 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.440 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW003455.D

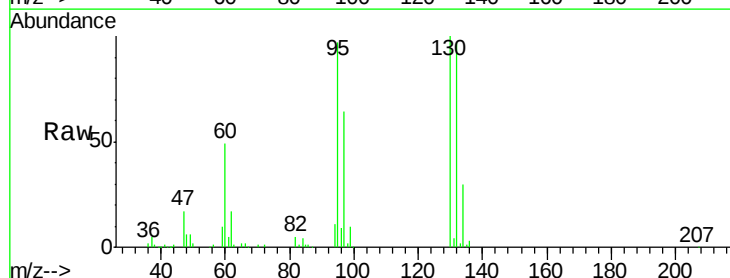
Acq: 23 Jun 2018 13:02

Tgt Ion: 130 Resp: 63086

Ion Ratio Lower Upper

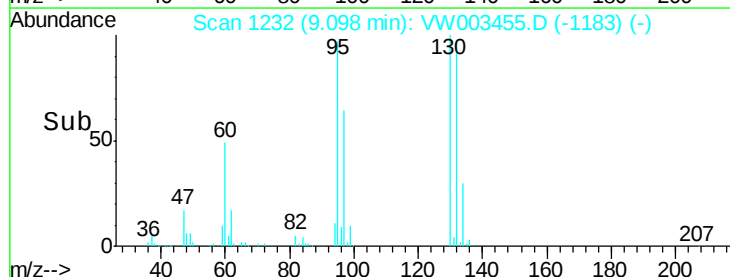
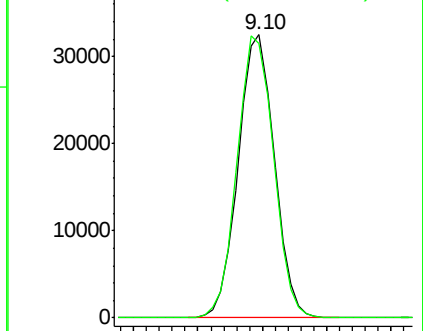
130 100

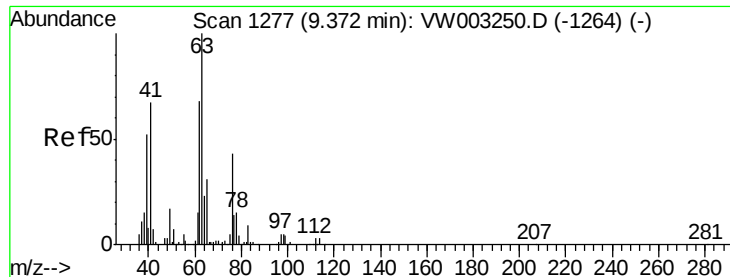
95 97.1 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

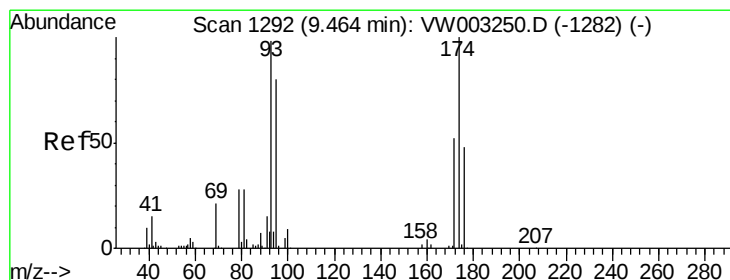
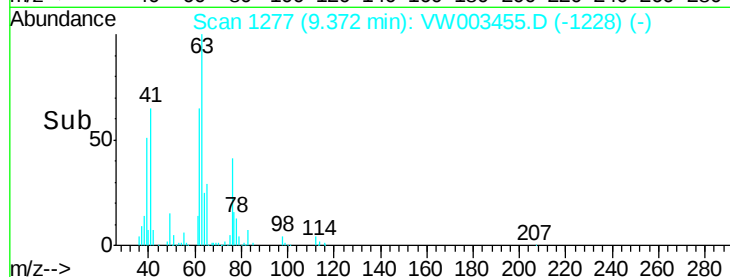
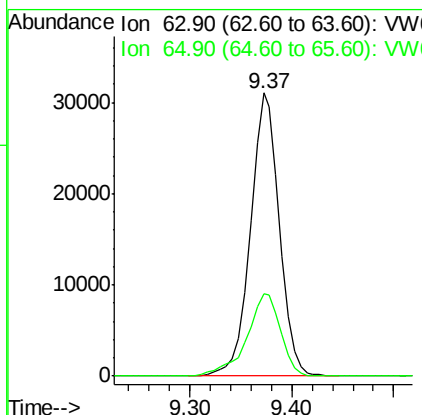
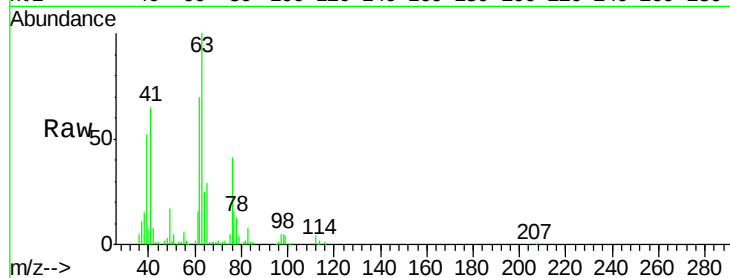




#45
 1,2-Dichloropropane
 Concen: 21.626 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

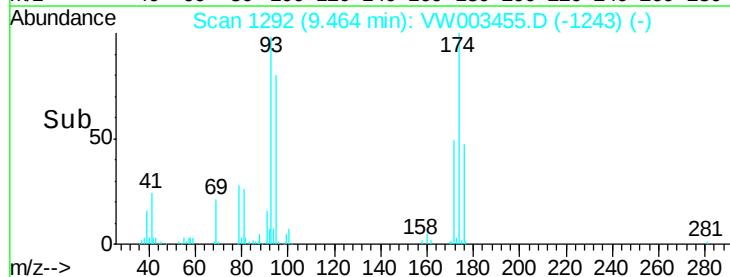
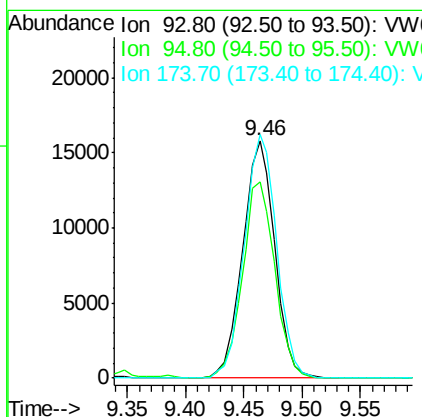
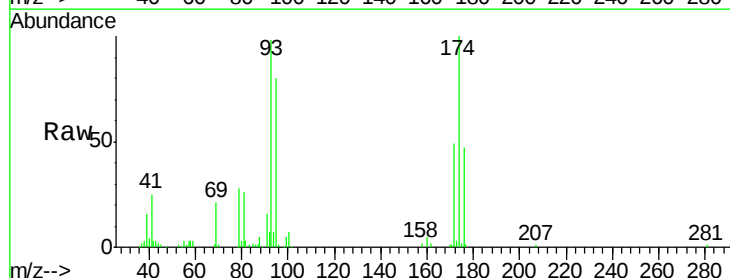
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

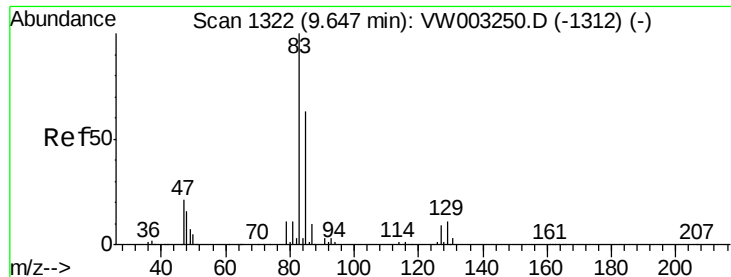
Tgt Ion: 63 Resp: 61142
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.1 37.7



#46
 Dibromomethane
 Concen: 20.979 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 93 Resp: 30367
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.8 98.8
 174 103.5 81.4 122.0





#47

Bromodichloromethane

Concen: 21.179 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

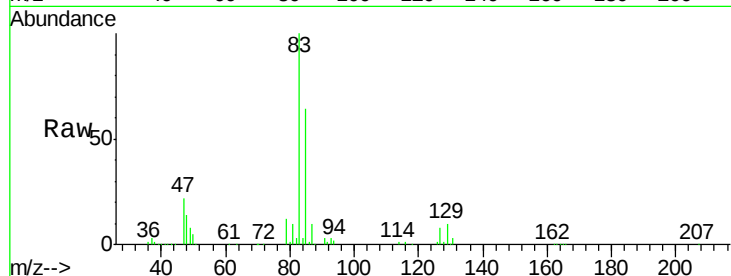
Tgt Ion: 83 Resp: 78582

Ion Ratio Lower Upper

83 100

85 63.5 50.6 75.8

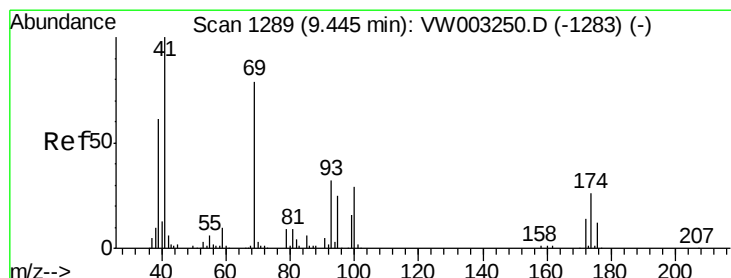
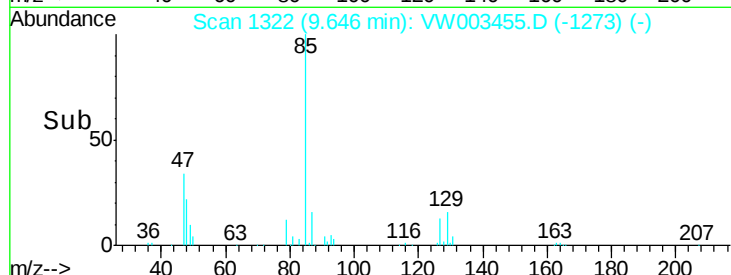
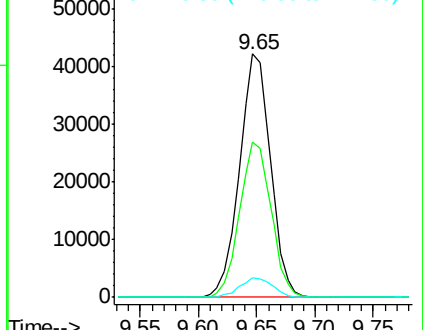
127 8.1 6.8 10.2



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: 19.278 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

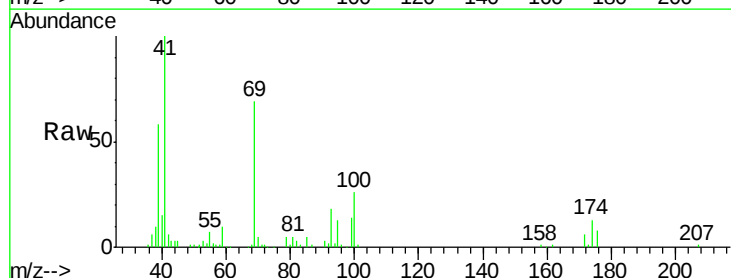
Tgt Ion: 41 Resp: 30023

Ion Ratio Lower Upper

41 100

69 82.0 65.4 98.2

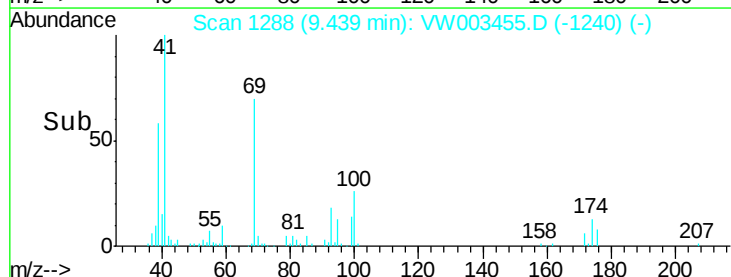
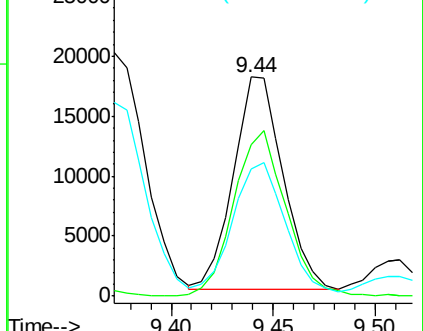
39 67.8 54.2 81.2

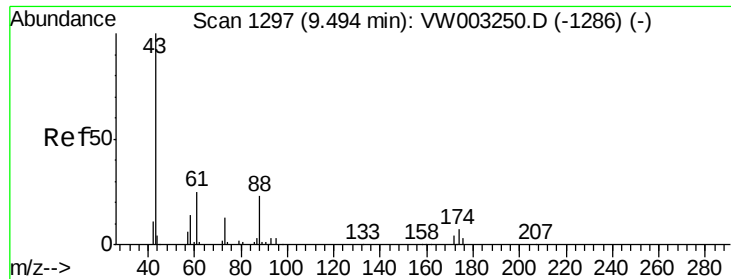


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

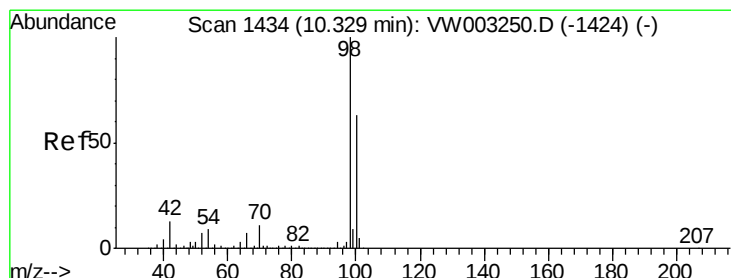
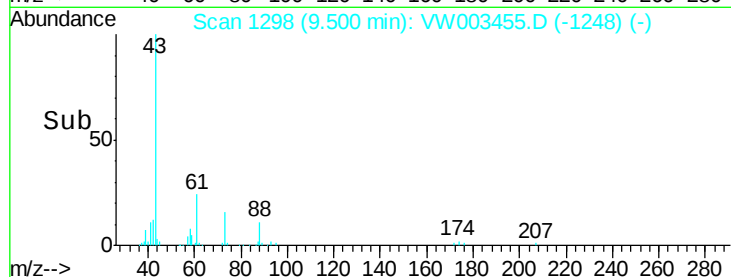
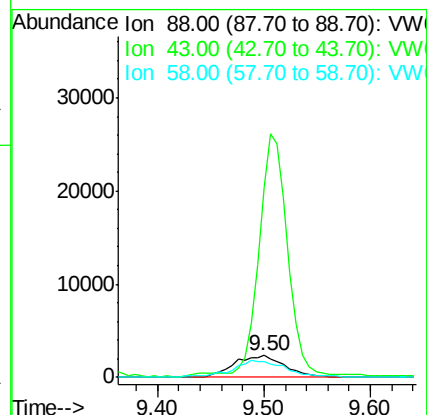
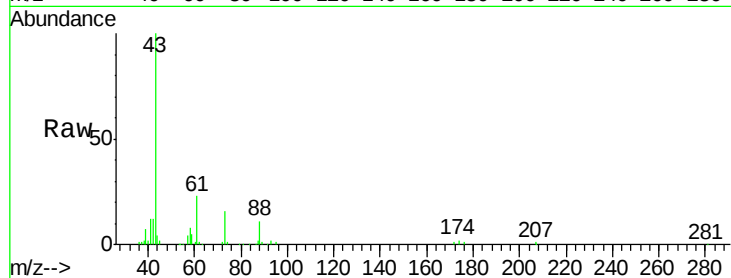




#49
1,4-Dioxane
Concen: 358.256 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

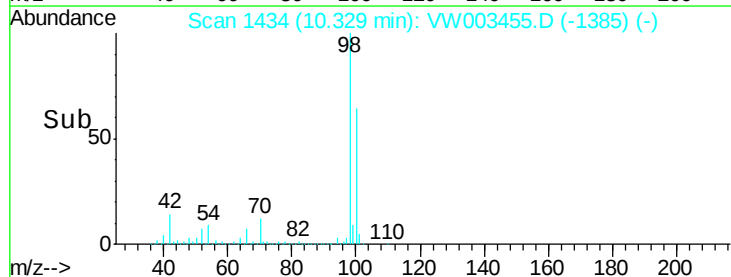
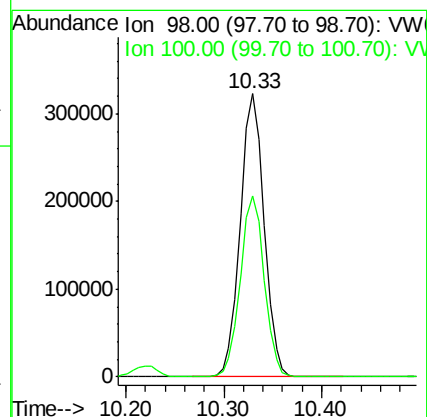
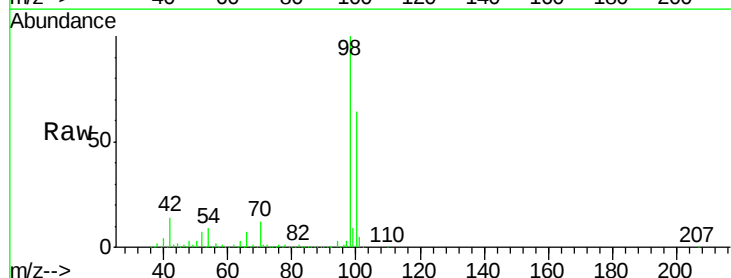
Instrument :
MSVOA_W
ClientSampled :
VW0623SBSD01

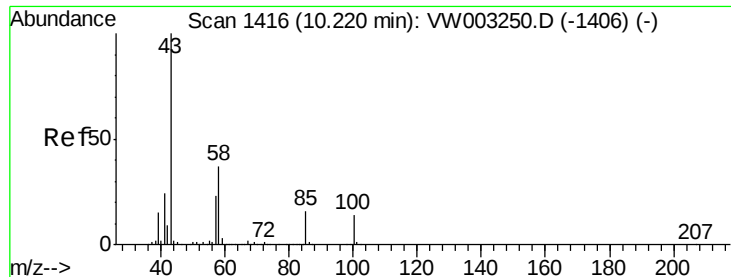
Tgt Ion: 88 Resp: 7830
Ion Ratio Lower Upper
88 100
43 640.4 454.7 682.1
58 81.3 58.6 88.0



#50
Toluene-d8
Concen: 53.231 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 98 Resp: 547100
Ion Ratio Lower Upper
98 100
100 64.1 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 95.078 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

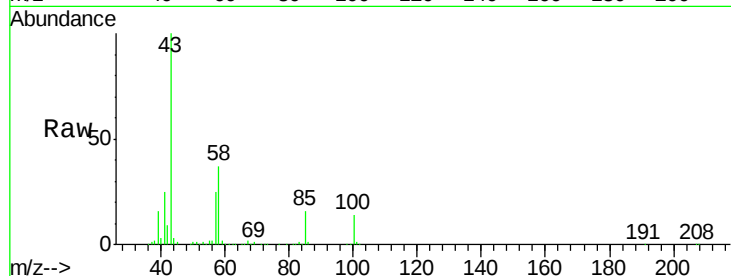
VW0623SBSD01

Tgt Ion: 43 Resp: 160546

Ion Ratio Lower Upper

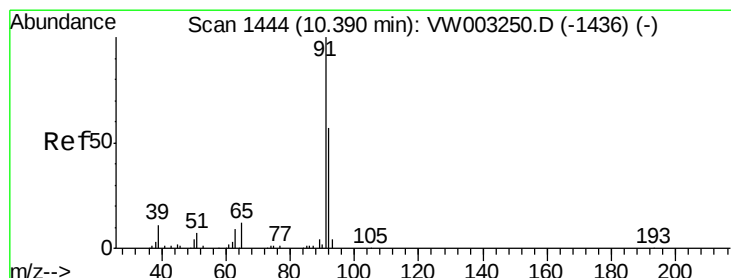
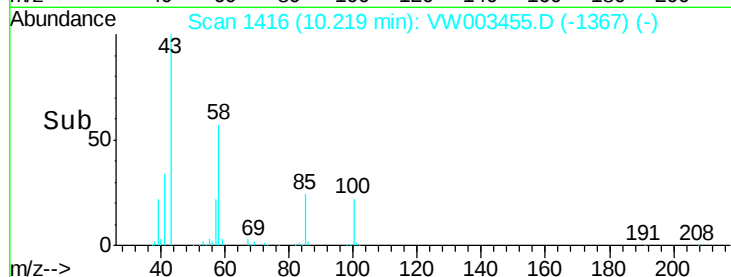
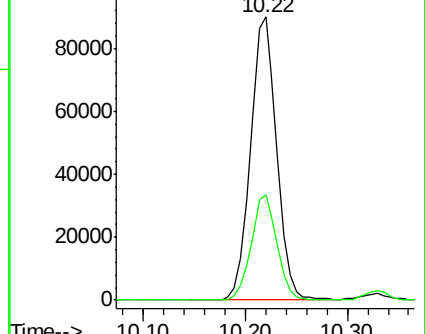
43 100

58 36.5 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 22.117 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003455.D

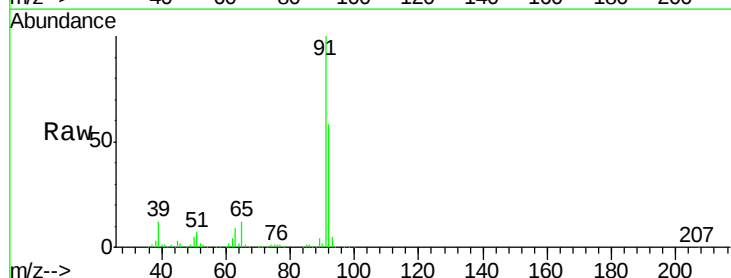
Acq: 23 Jun 2018 13:02

Tgt Ion: 92 Resp: 157490

Ion Ratio Lower Upper

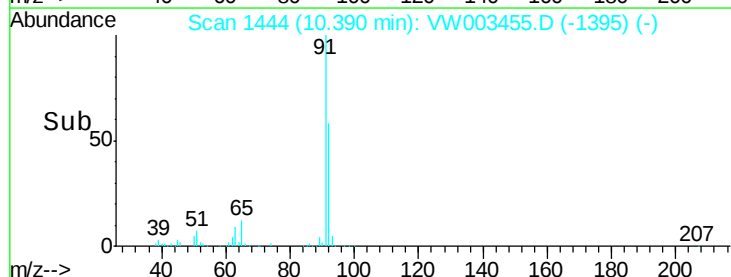
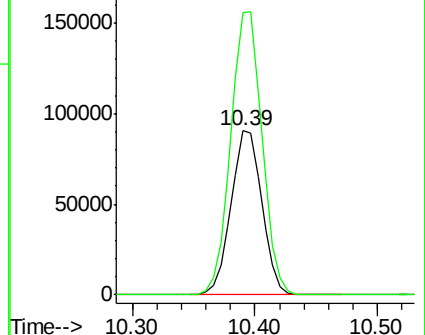
92 100

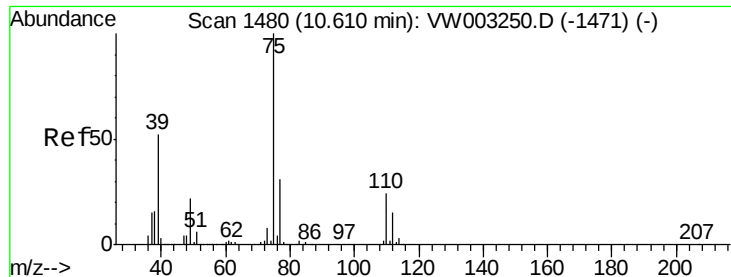
91 174.9 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 21.014 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

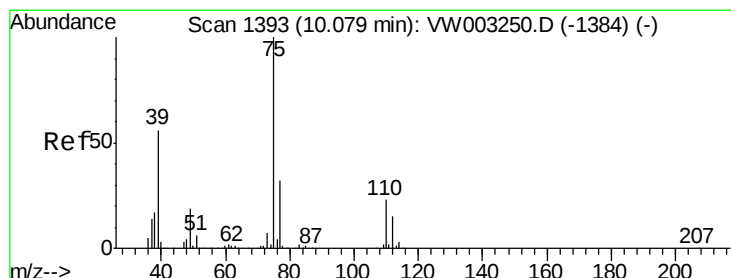
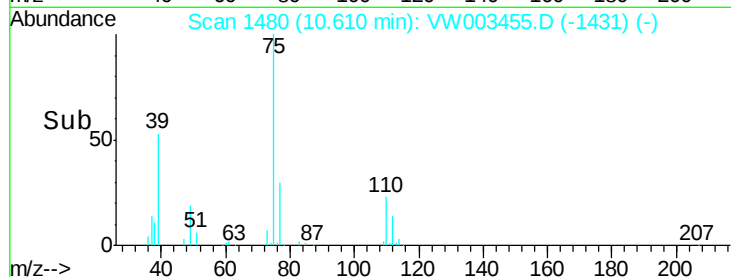
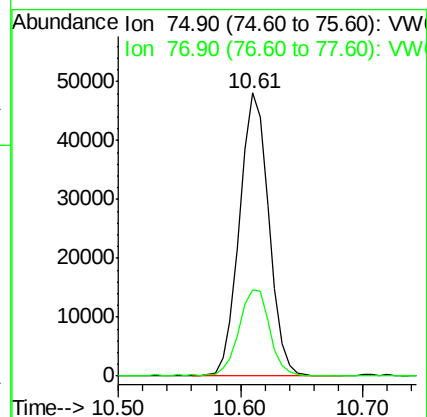
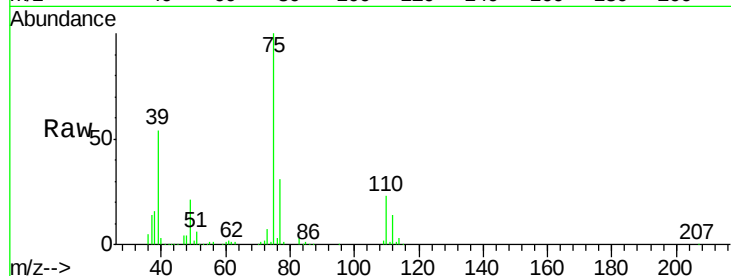
VW0623SBSD01

Tgt Ion: 75 Resp: 79646

Ion Ratio Lower Upper

75 100

77 30.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 21.189 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

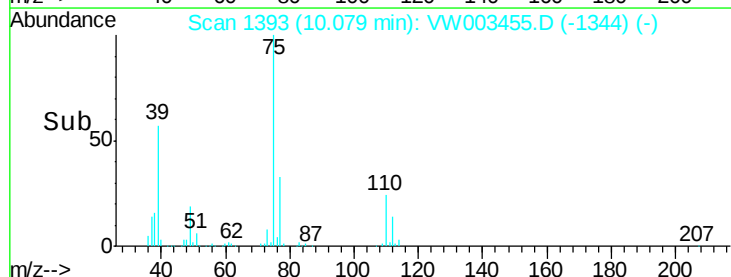
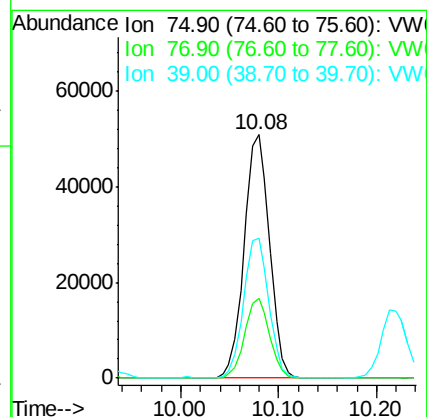
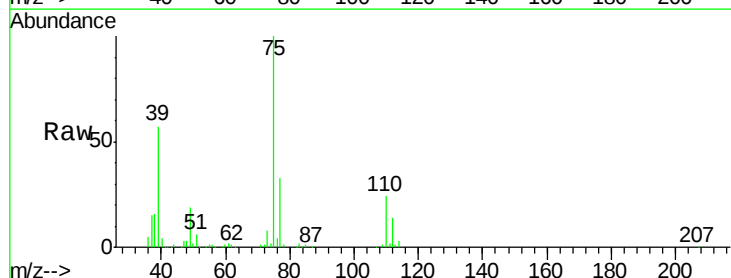
Tgt Ion: 75 Resp: 91408

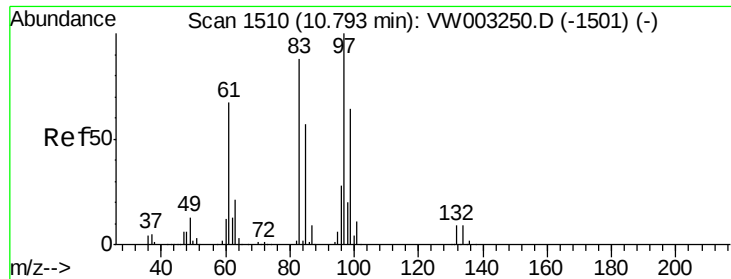
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

39 57.1 45.2 67.8

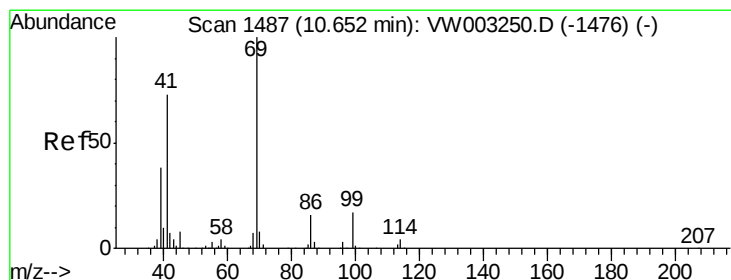
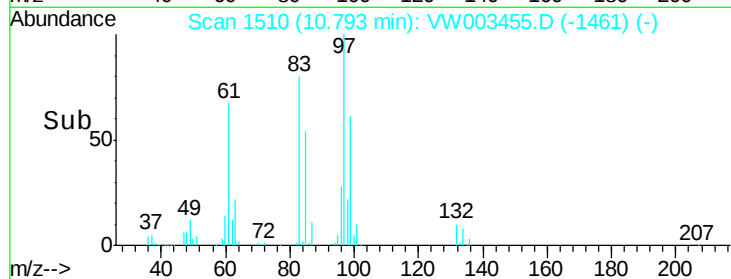
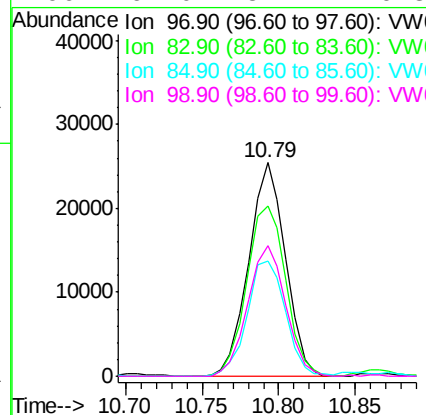
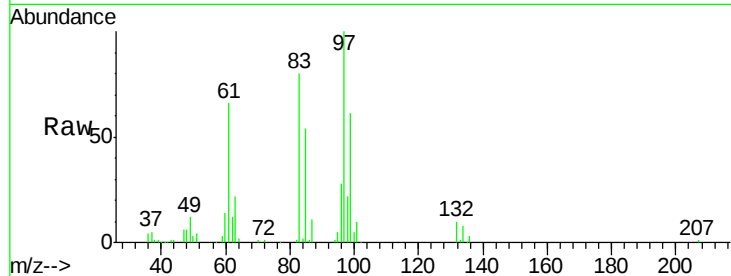




#55
 1,1,2-Trichloroethane
 Concen: 20.819 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

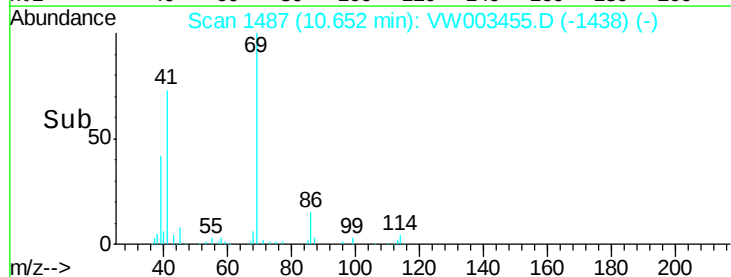
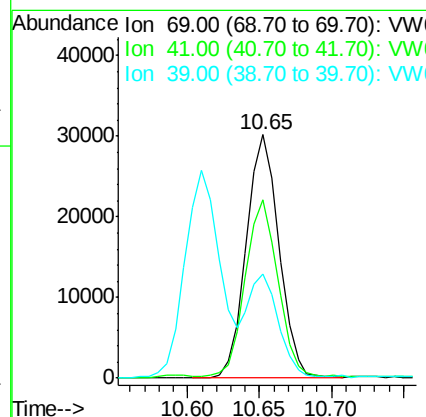
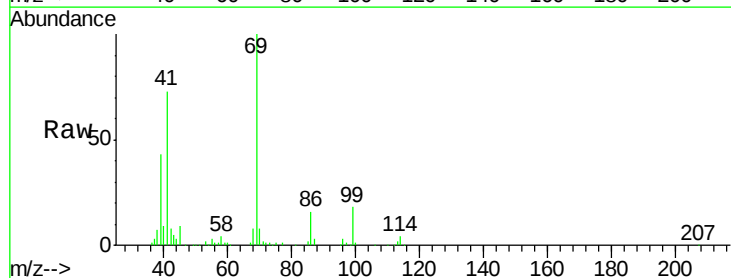
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

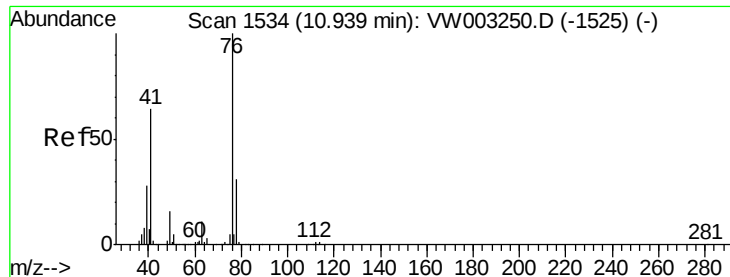
Tgt Ion: 97 Resp: 42465
 Ion Ratio Lower Upper
 97 100
 83 79.9 70.2 105.2
 85 54.0 45.6 68.4
 99 61.0 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 19.193 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 69 Resp: 47539
 Ion Ratio Lower Upper
 69 100
 41 72.5 57.8 86.6
 39 39.9 32.7 49.1





#57

1,3-Dichloropropane

Concen: 20.969 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

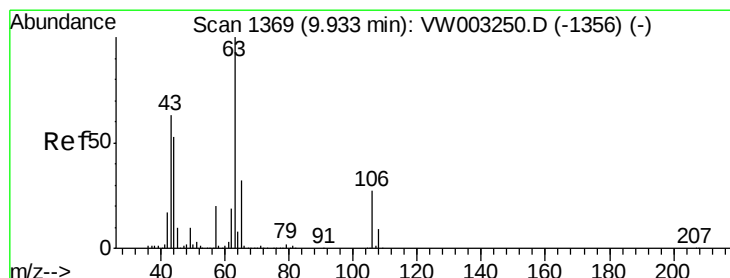
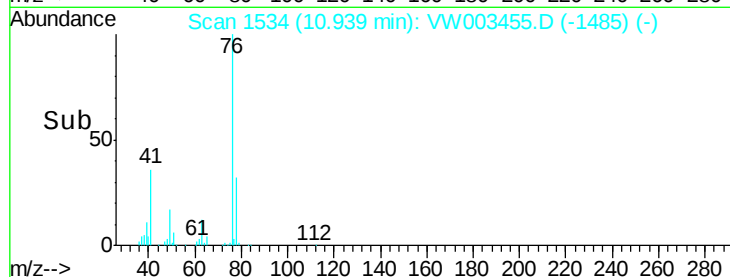
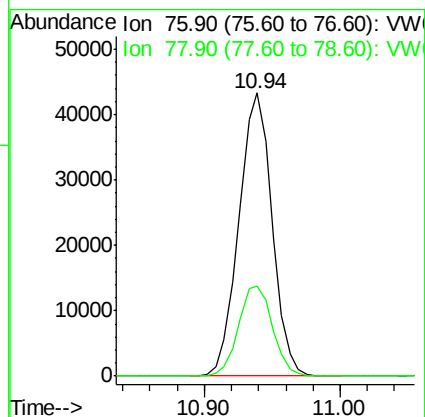
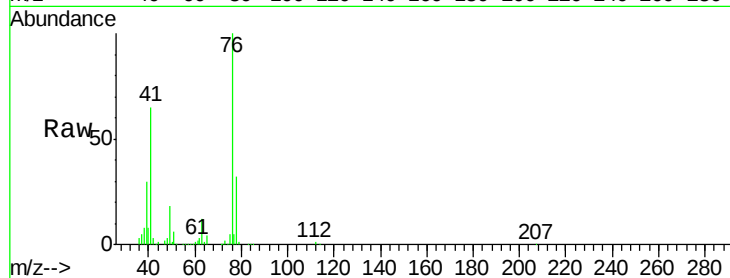
VW0623SBSD01

Tgt Ion: 76 Resp: 73770

Ion Ratio Lower Upper

76 100

78 32.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 98.885 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW003455.D

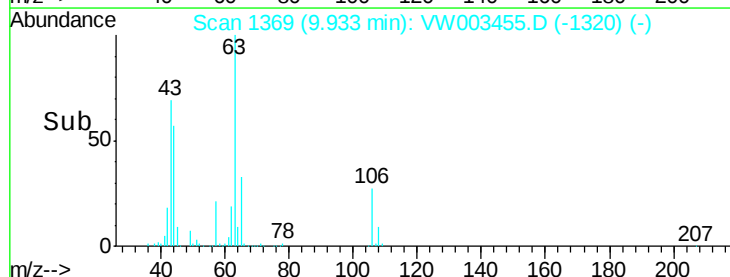
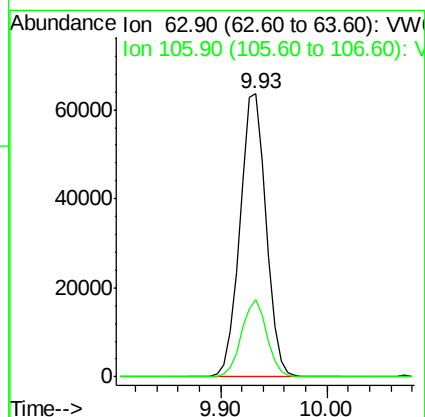
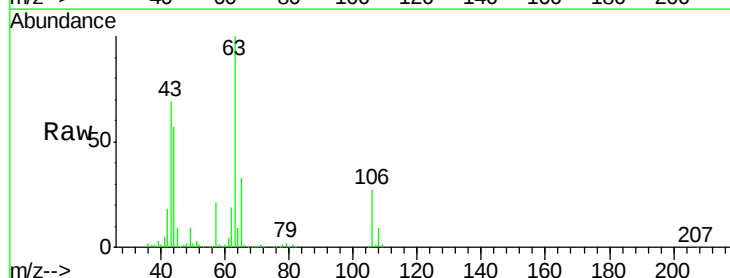
Acq: 23 Jun 2018 13:02

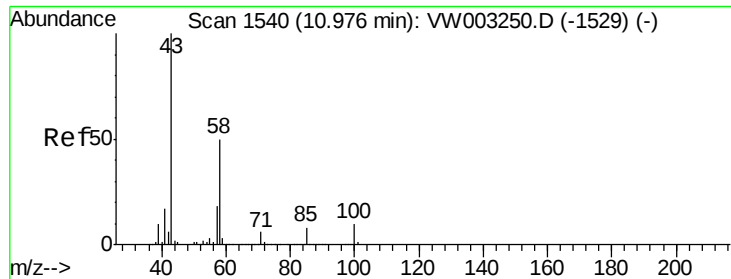
Tgt Ion: 63 Resp: 109798

Ion Ratio Lower Upper

63 100

106 26.5 21.8 32.8

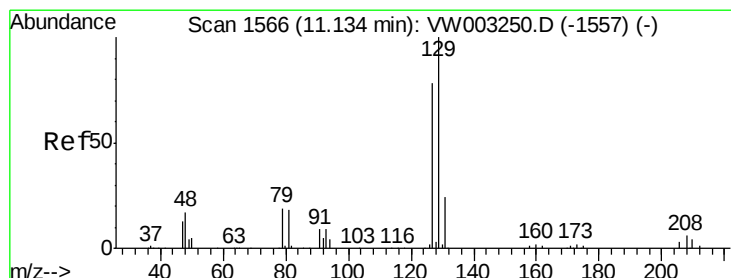
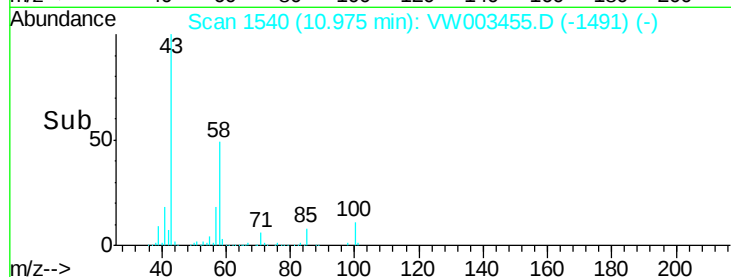
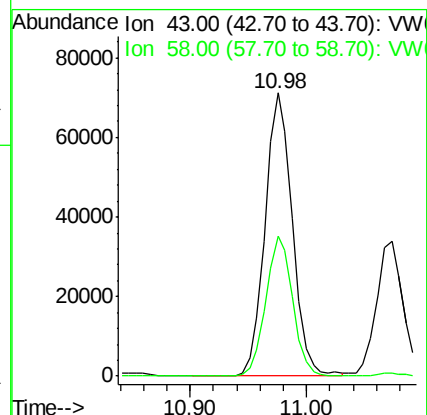
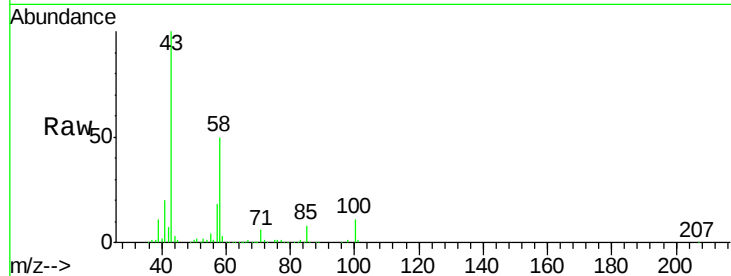




#59
2-Hexanone
Concen: 98.606 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

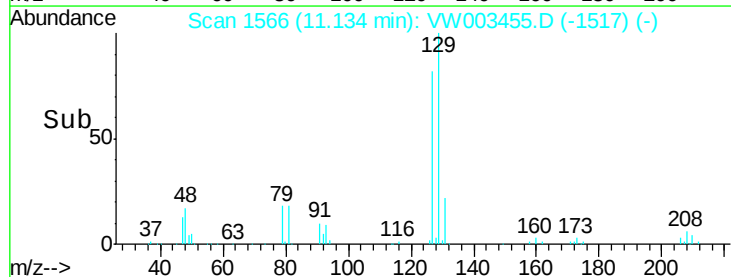
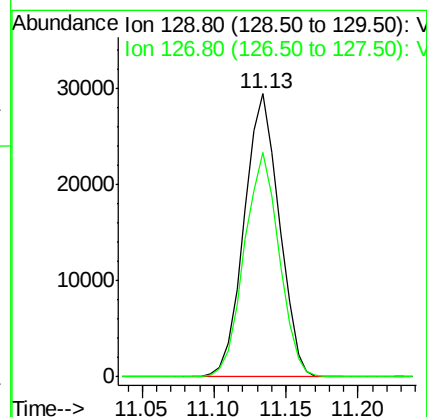
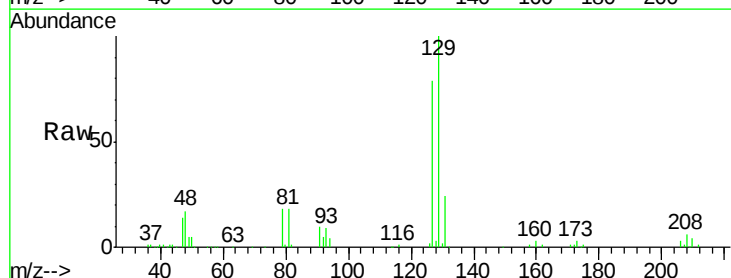
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

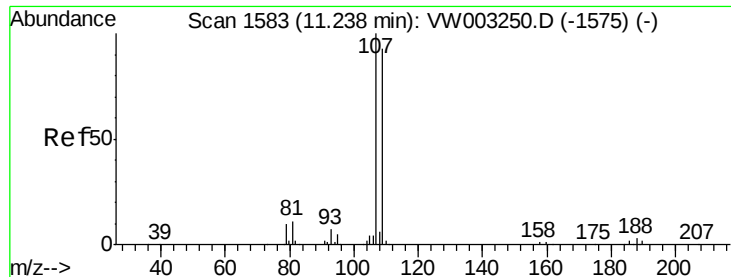
Tgt Ion: 43 Resp: 116318
Ion Ratio Lower Upper
43 100
58 48.9 25.0 75.0



#60
Dibromochloromethane
Concen: 20.430 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 129 Resp: 49556
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.5

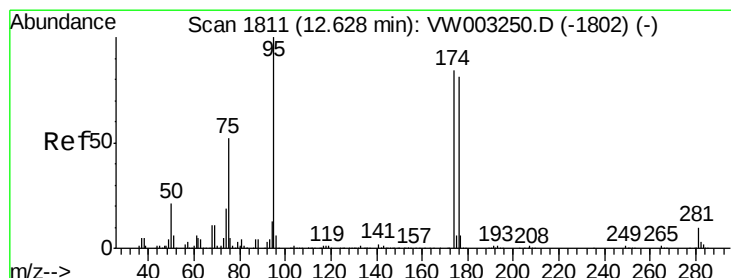
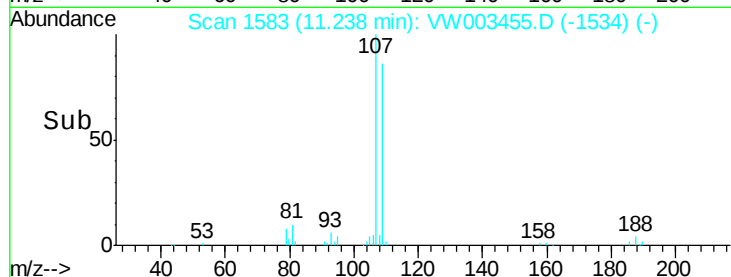
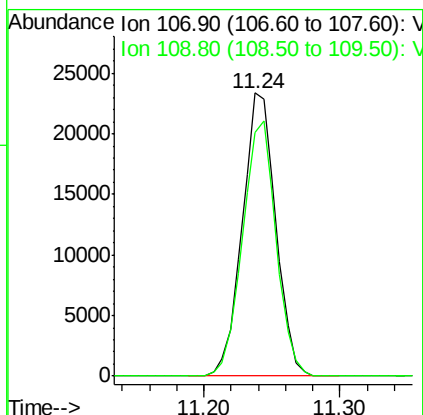
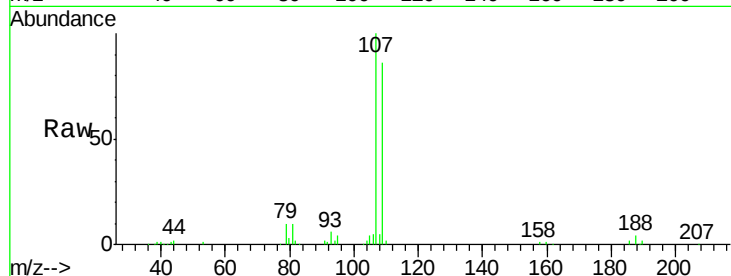




#61
 1,2-Dibromoethane
 Concen: 20.819 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

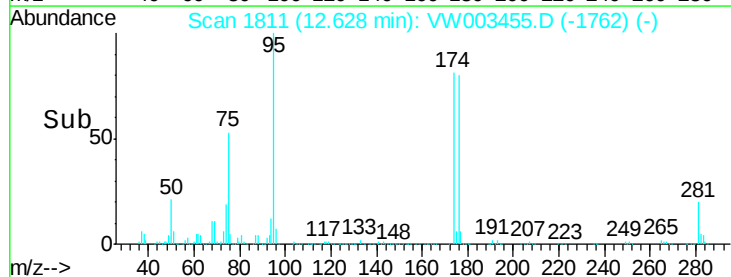
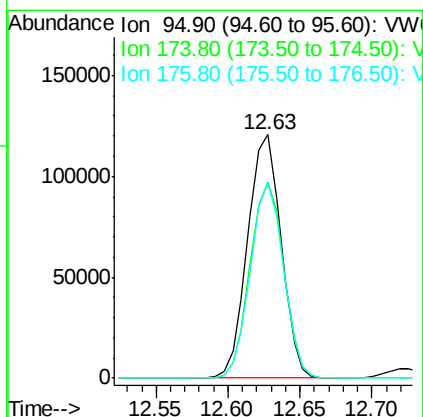
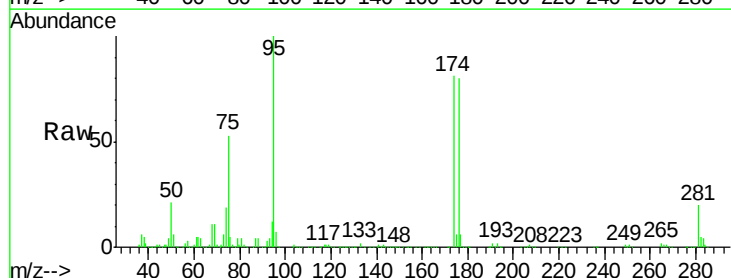
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

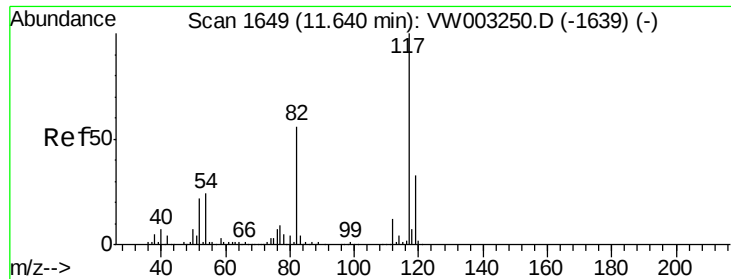
Tgt Ion: 107 Resp: 40168
 Ion Ratio Lower Upper
 107 100
 109 90.5 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 53.363 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 95 Resp: 194091
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 166.4
 176 79.3 0.0 162.0

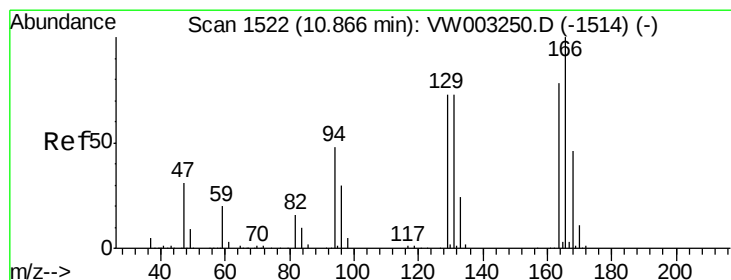
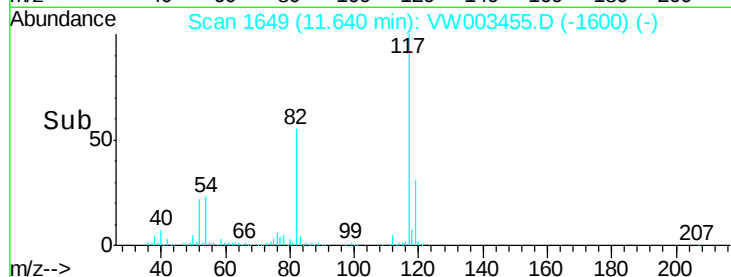
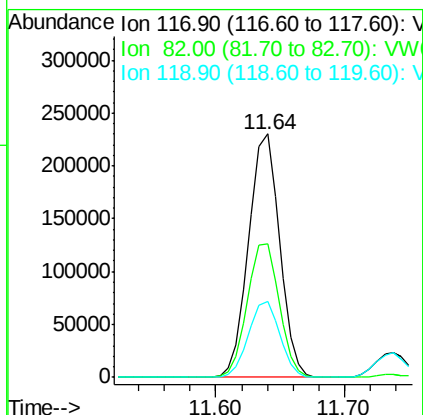
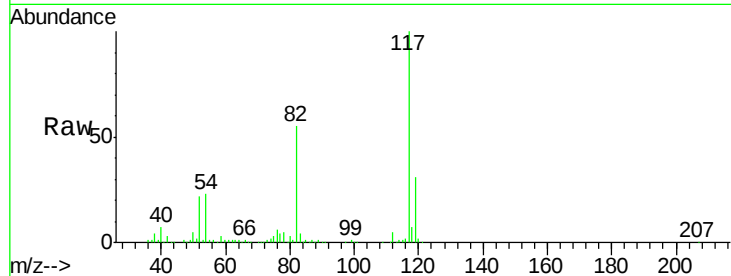




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

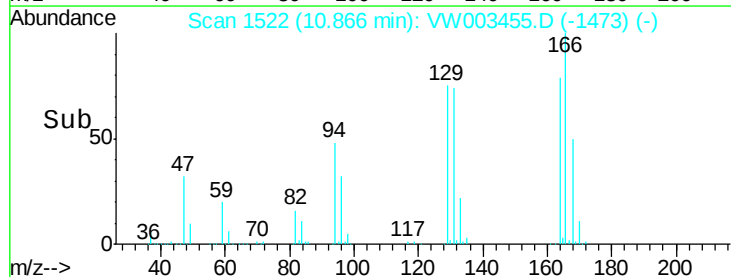
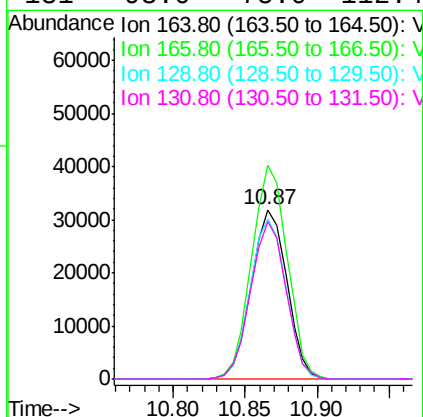
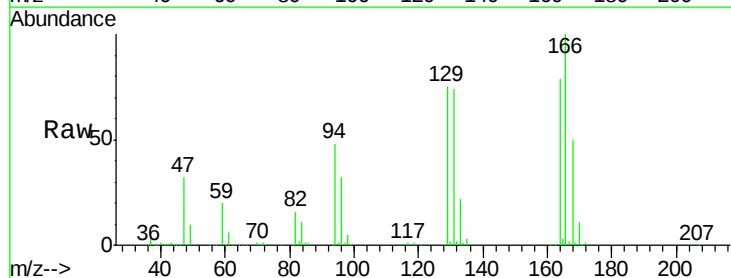
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

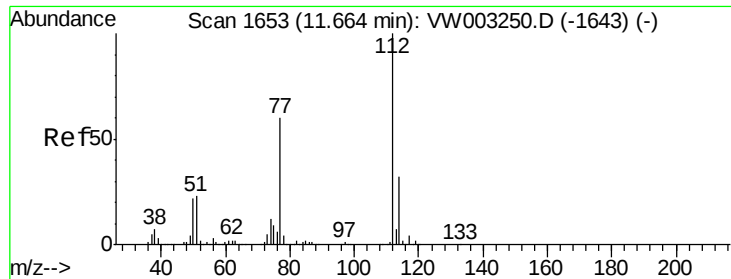
Tgt Ion:117 Resp: 382871
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 31.4 26.7 40.1



#64
Tetrachloroethene
Concen: 21.307 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion:164 Resp: 54565
Ion Ratio Lower Upper
164 100
166 126.1 102.6 154.0
129 94.3 75.2 112.8
131 93.0 75.0 112.4

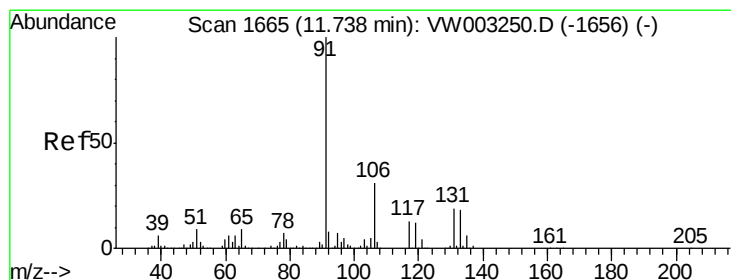
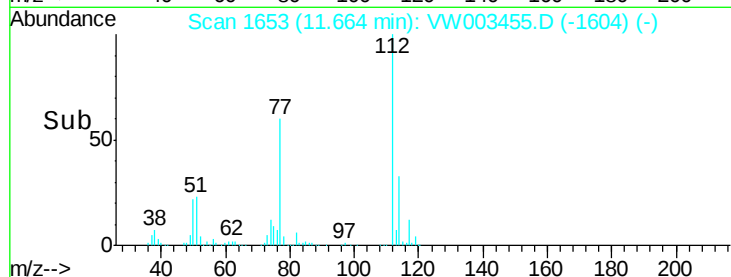
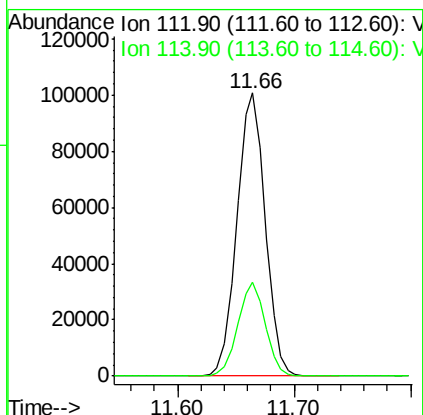
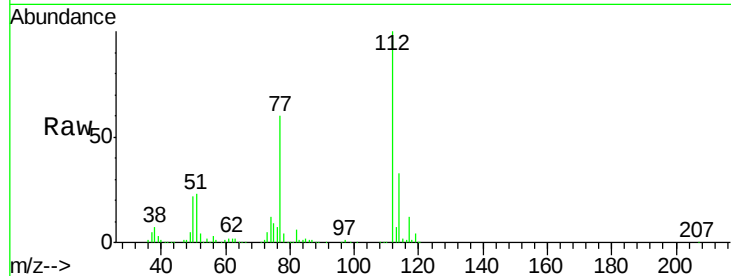




#65
Chlorobenzene
Concen: 21.381 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

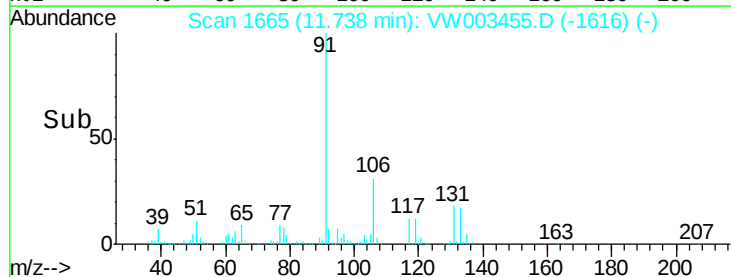
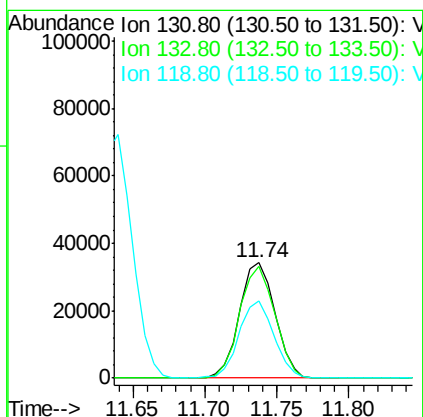
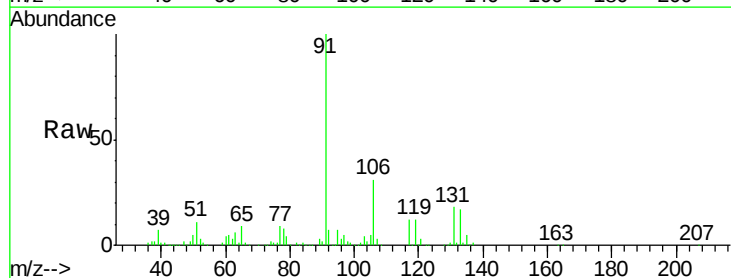
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

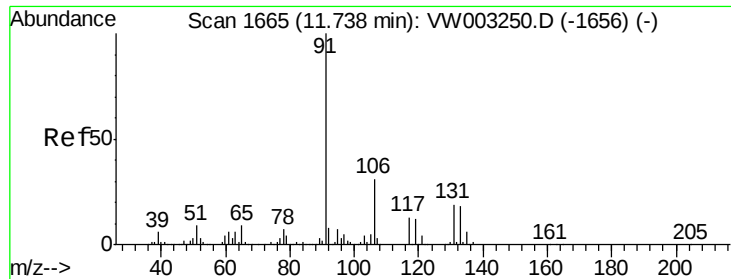
Tgt Ion:112 Resp: 170469
Ion Ratio Lower Upper
112 100
114 33.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.951 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion:131 Resp: 58701
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 65.8 32.5 97.4

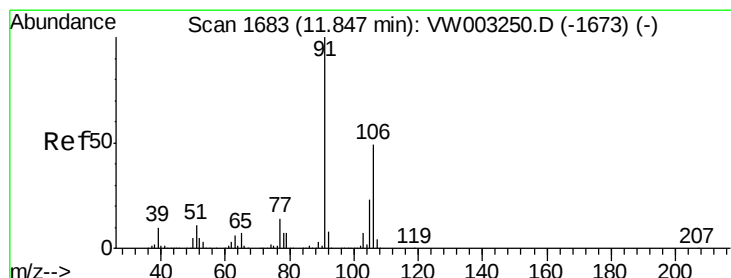
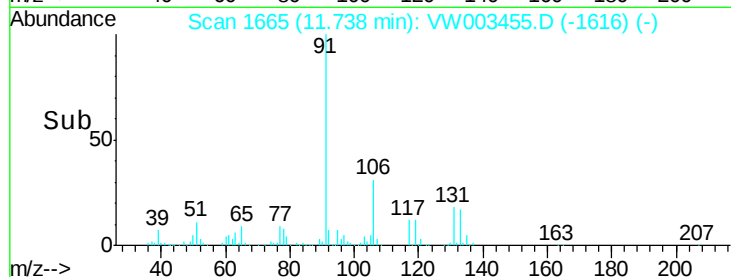
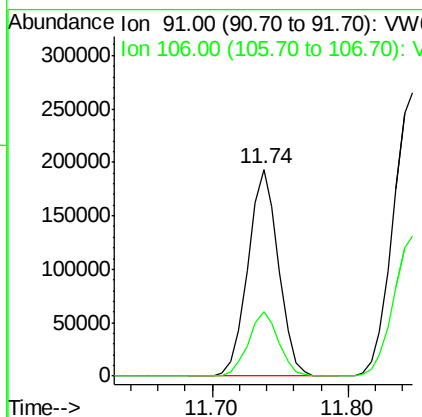
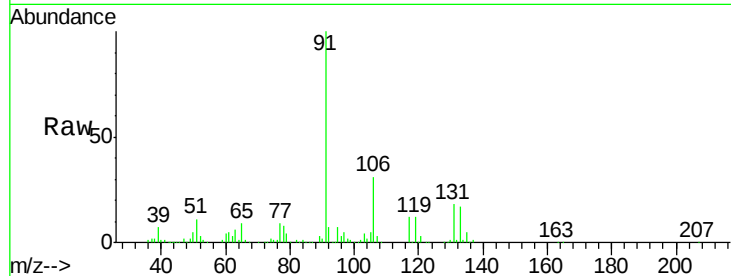




#67
Ethyl Benzene
Concen: 21.465 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

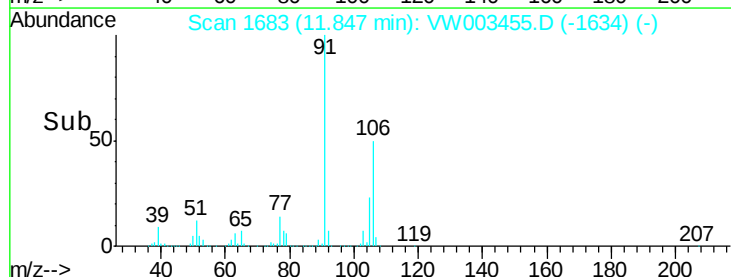
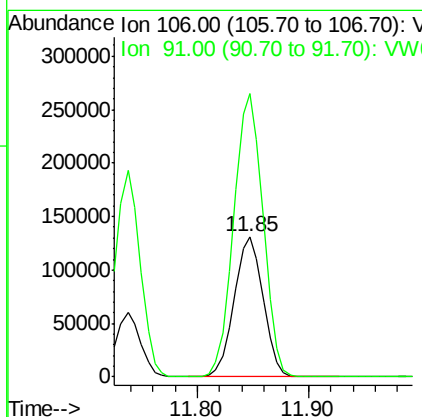
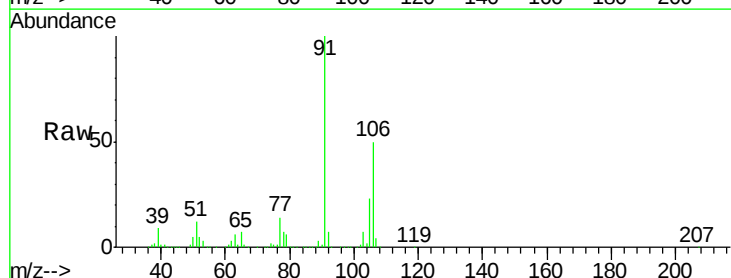
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

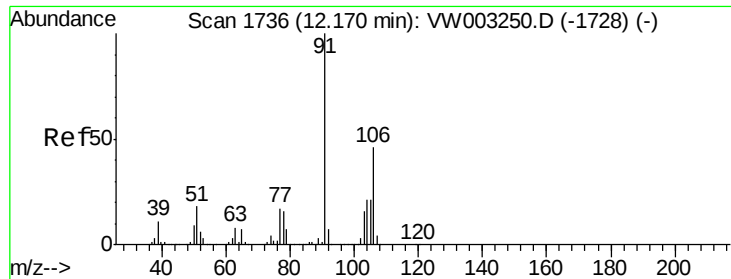
Tgt Ion: 91 Resp: 303371
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1



#68
m/p-Xylenes
Concen: 43.849 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion: 106 Resp: 235578
Ion Ratio Lower Upper
106 100
91 204.6 165.4 248.0

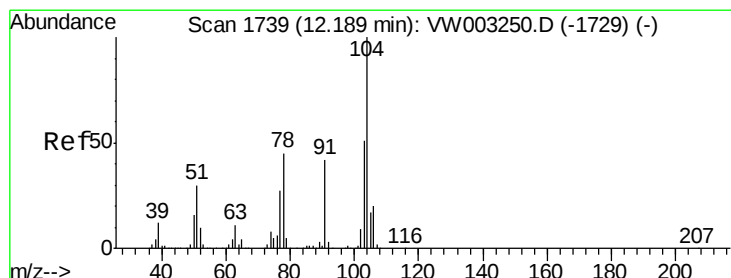
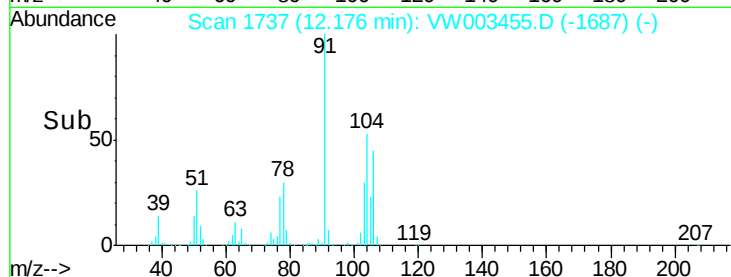
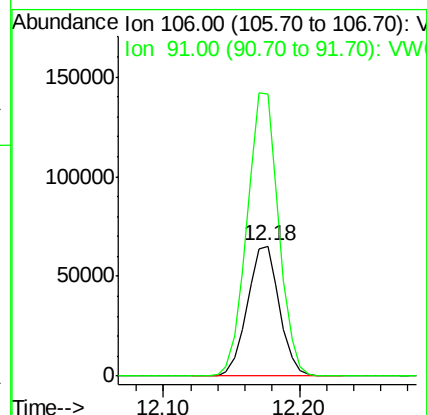
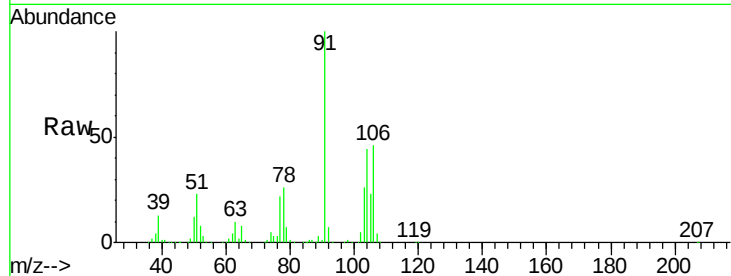




#69
o-Xylene
Concen: 21.540 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

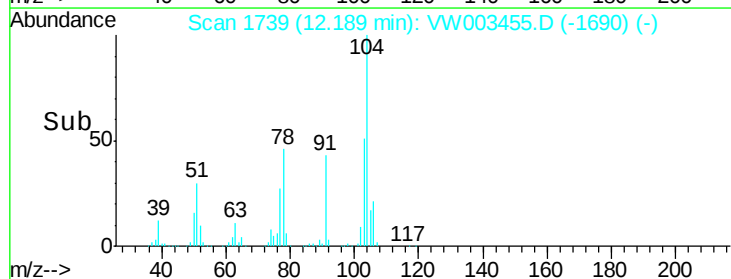
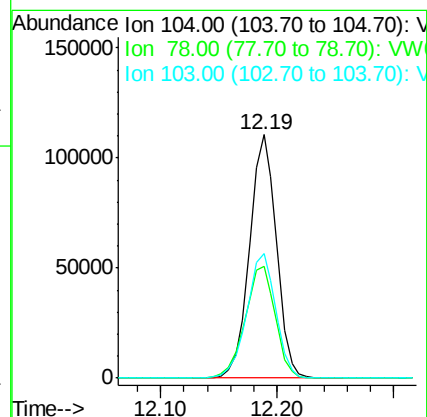
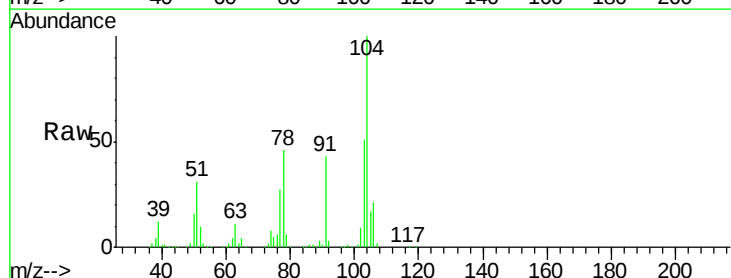
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

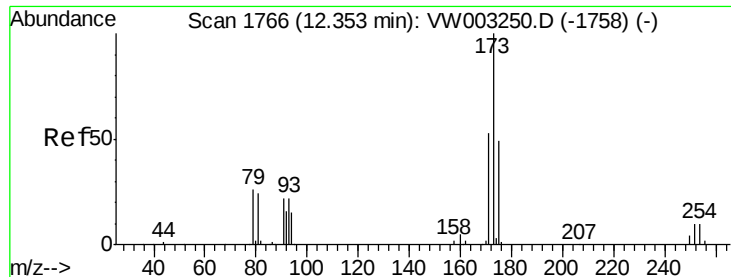
Tgt Ion:106 Resp: 107248
Ion Ratio Lower Upper
106 100
91 216.2 108.6 325.6



#70
Styrene
Concen: 21.493 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion:104 Resp: 178128
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 55.4 45.0 67.4





#71

Bromoform

Concen: 19.997 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

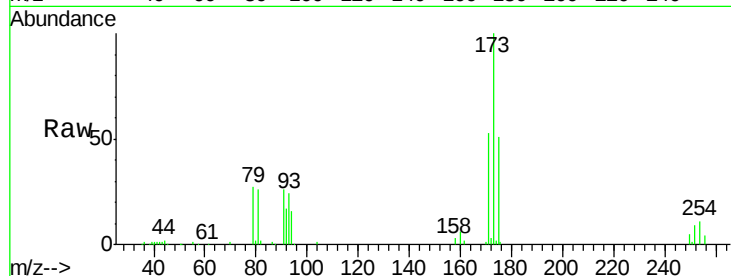
Tgt Ion:173 Resp: 29037

Ion Ratio Lower Upper

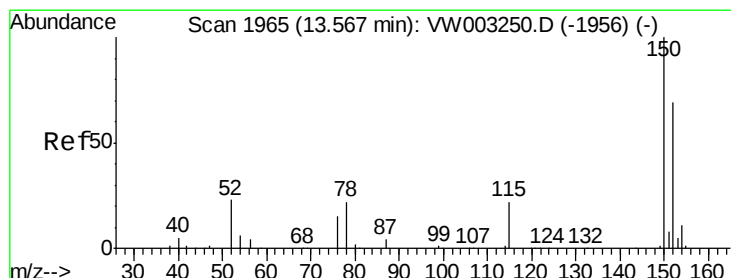
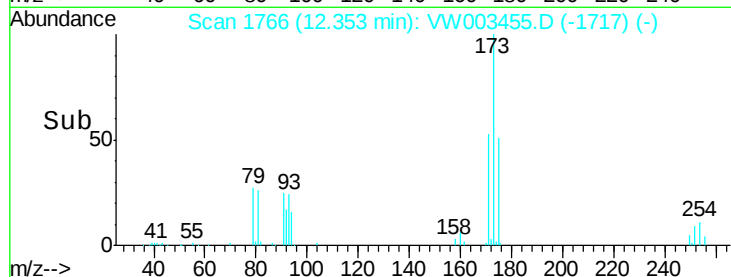
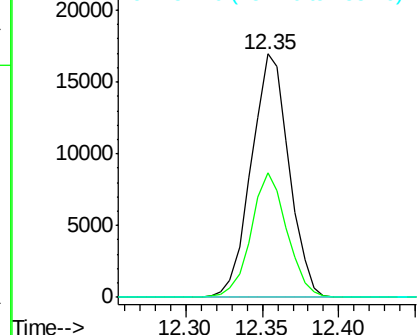
173 100

175 48.5 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: VW003455.D

Acq: 23 Jun 2018 13:02

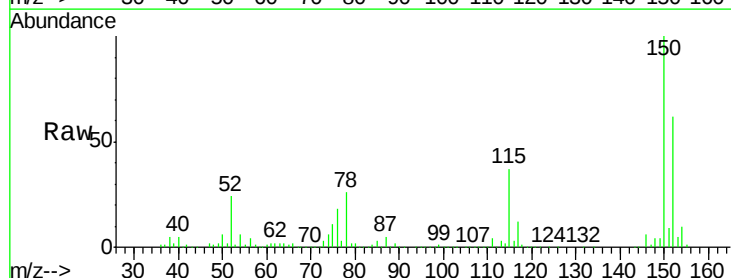
Tgt Ion:152 Resp: 205106

Ion Ratio Lower Upper

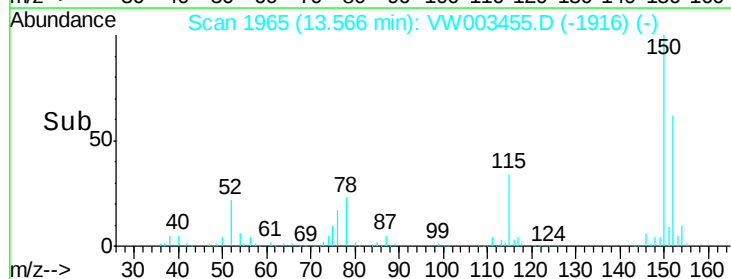
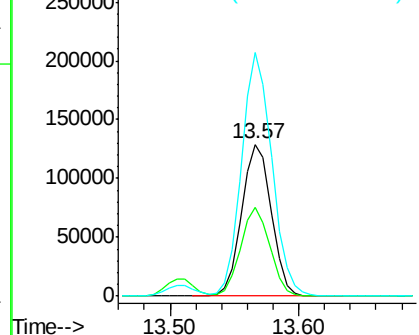
152 100

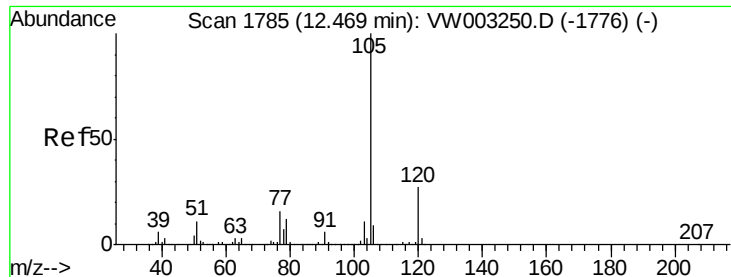
115 58.0 29.3 88.0

150 163.9 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: 21.127 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

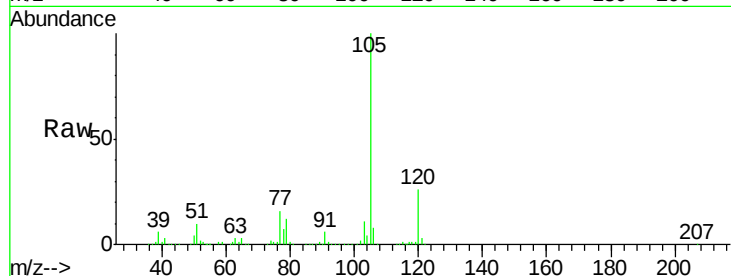
VW0623SBSD01

Tgt Ion:105 Resp: 301400

Ion Ratio Lower Upper

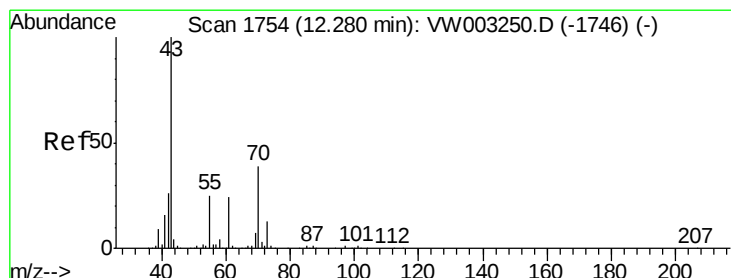
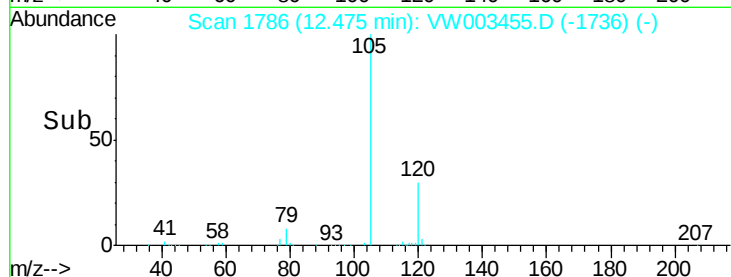
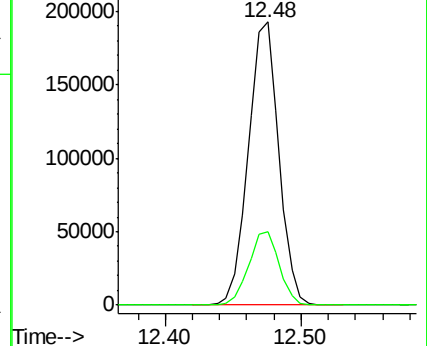
105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.451 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Tgt Ion: 43 Resp: 59912

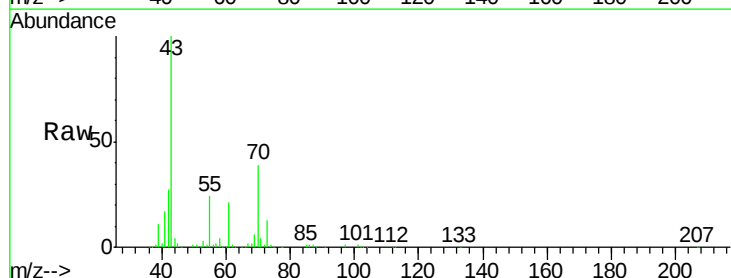
Ion Ratio Lower Upper

43 100

70 39.5 31.0 46.6

55 26.7 19.7 29.5

61 21.7 18.1 27.1

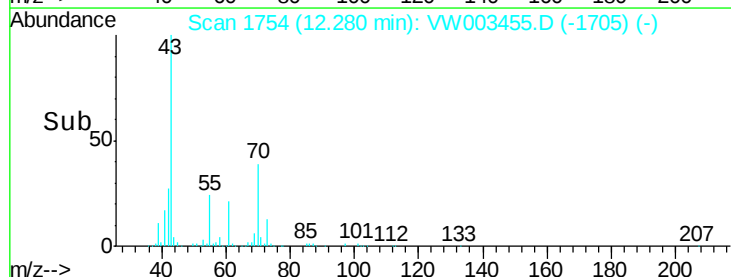
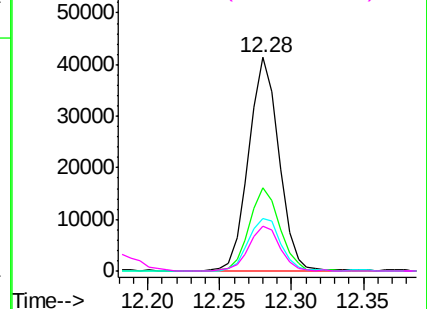


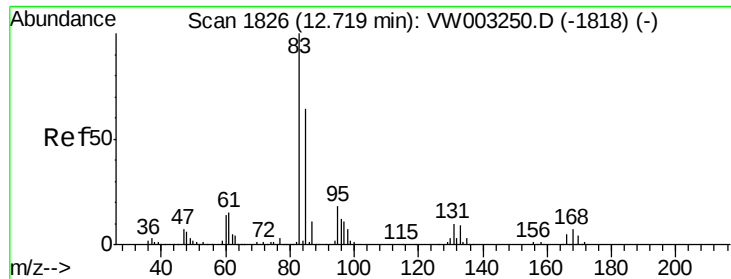
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

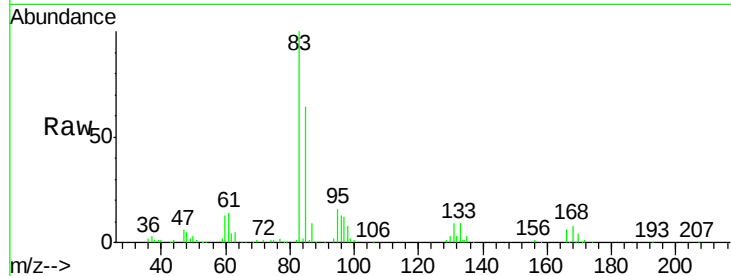




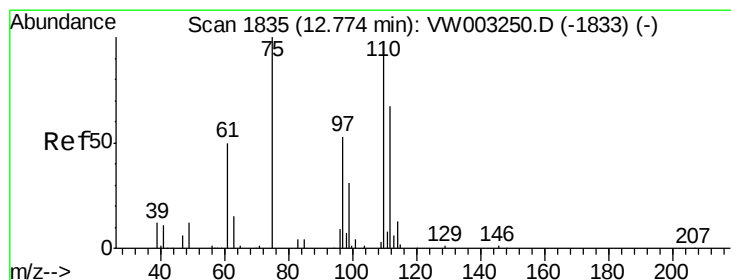
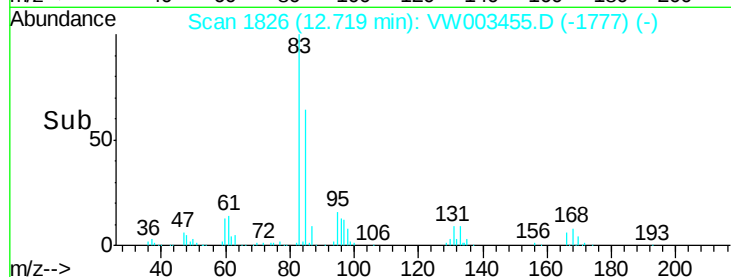
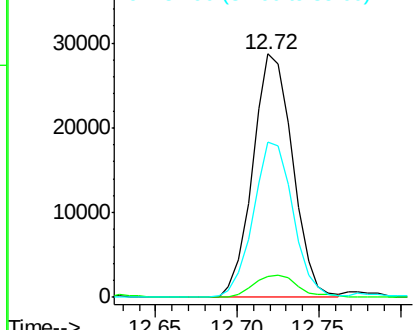
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.164 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tgt Ion: 83 Resp: 48667
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.4 16.2
 85 63.7 31.9 95.7

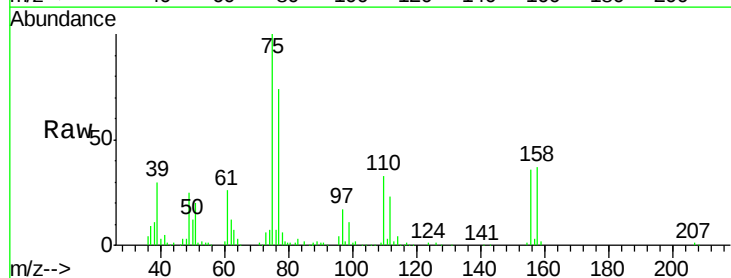


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VW

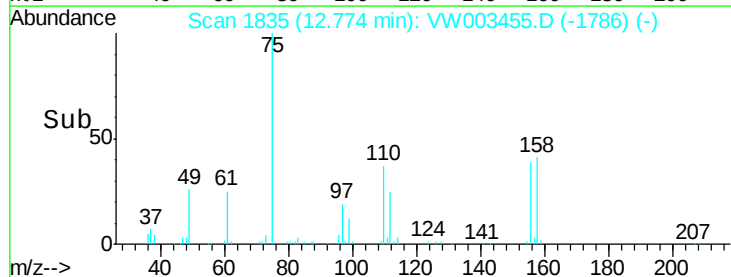
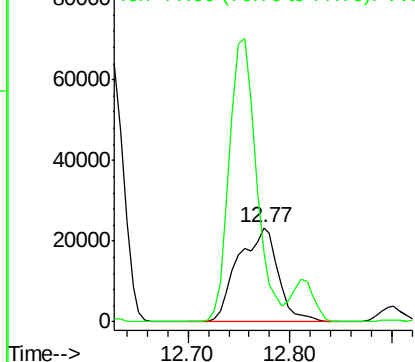


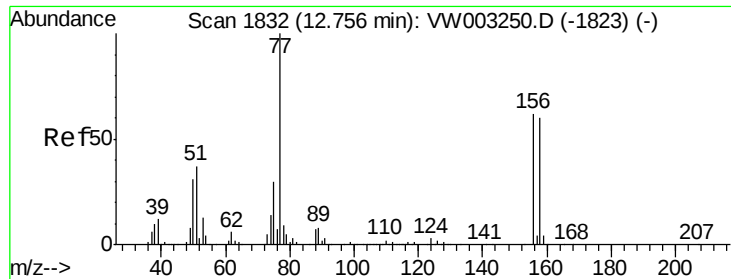
#76
 1,2,3-Trichloropropane
 Concen: 36.401 ug/l
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion: 75 Resp: 63827
 Ion Ratio Lower Upper
 75 100
 77 203.0 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: 21.363 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

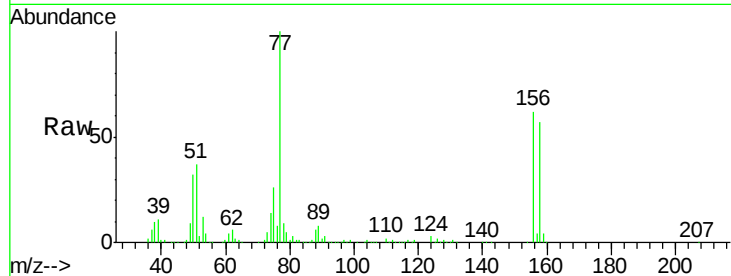
Tgt Ion:156 Resp: 70976

Ion Ratio Lower Upper

156 100

77 182.5 92.3 276.9

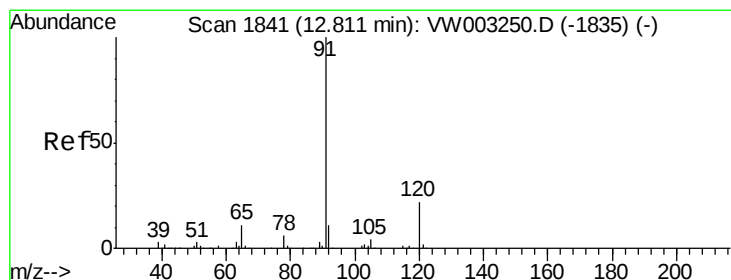
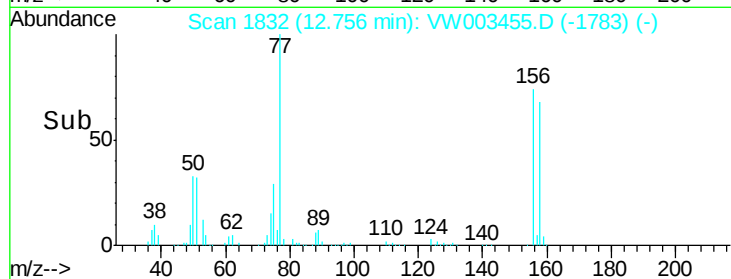
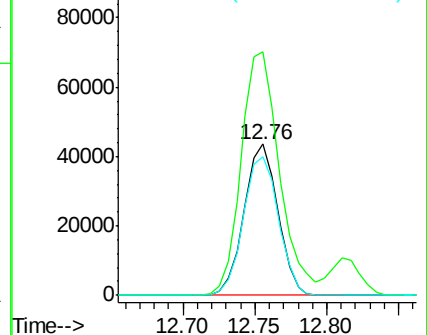
158 95.0 47.5 142.6



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: 21.653 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003455.D

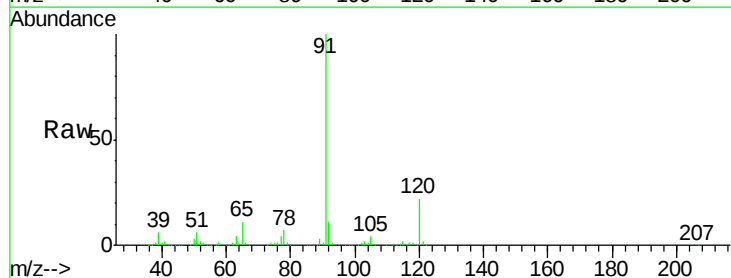
Acq: 23 Jun 2018 13:02

Tgt Ion: 91 Resp: 378244

Ion Ratio Lower Upper

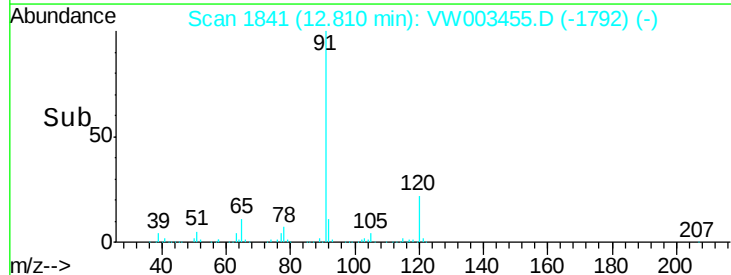
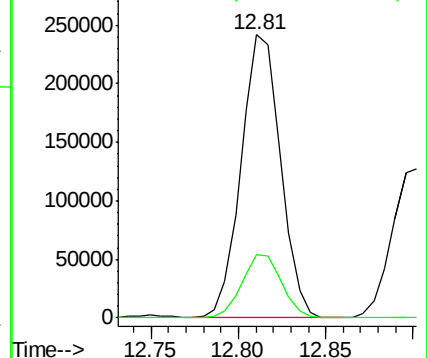
91 100

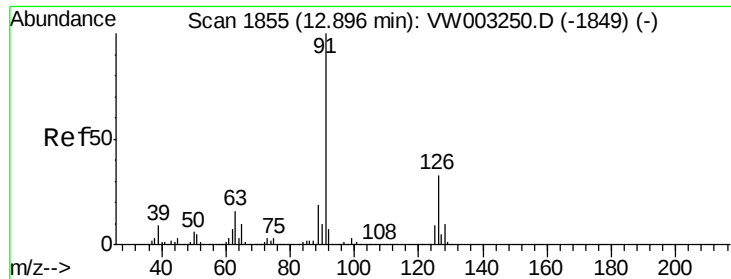
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.258 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

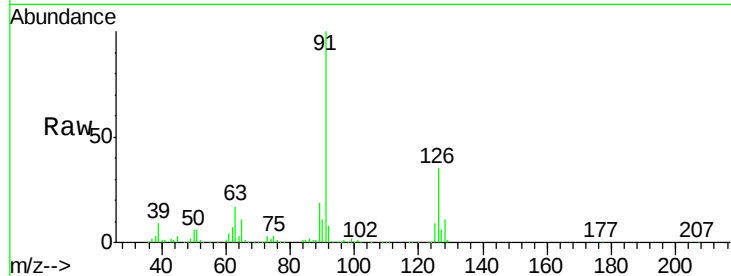
VW0623SBSD01

Tgt Ion: 91 Resp: 209854

Ion Ratio Lower Upper

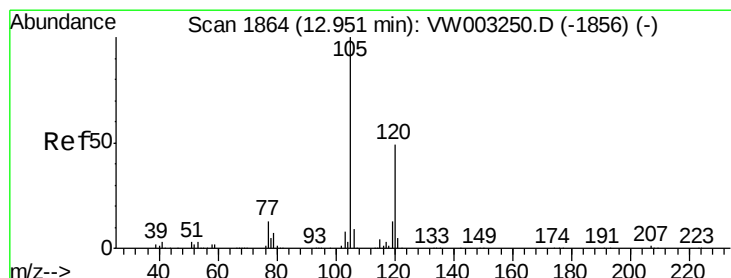
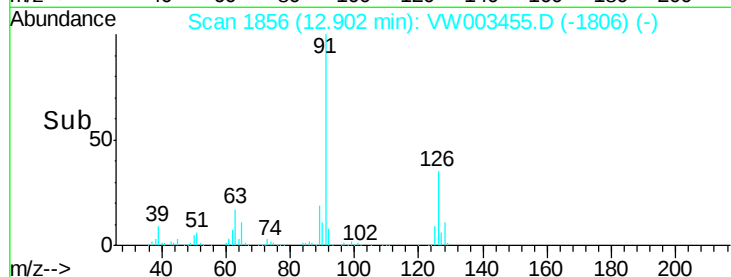
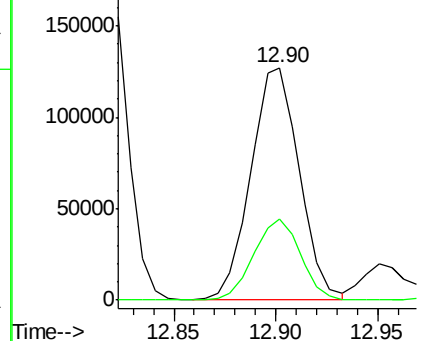
91 100

126 33.8 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.878 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003455.D

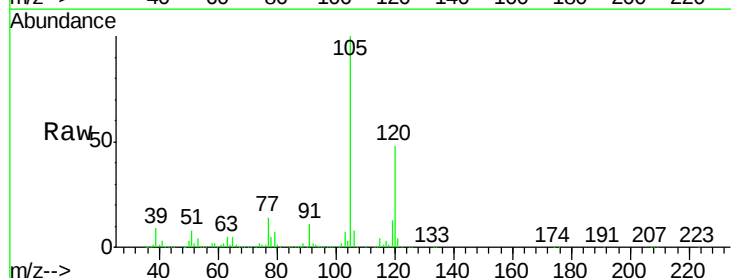
Acq: 23 Jun 2018 13:02

Tgt Ion: 105 Resp: 261972

Ion Ratio Lower Upper

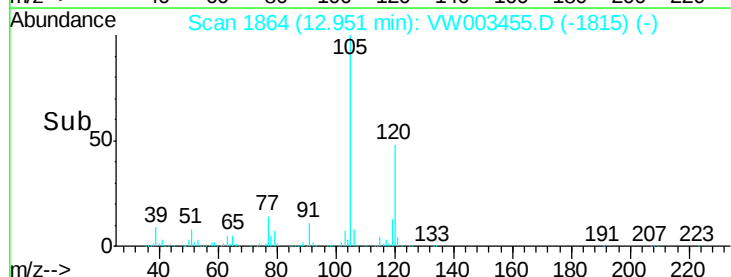
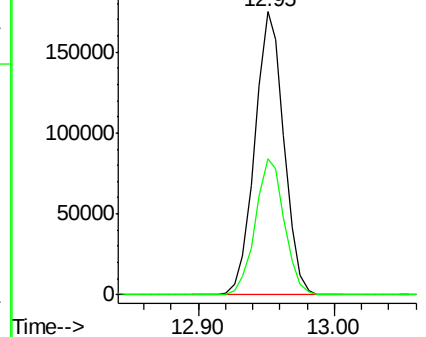
105 100

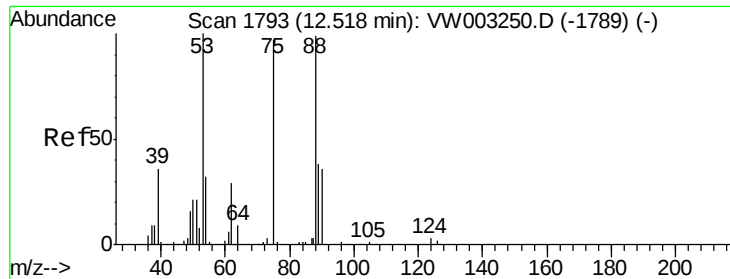
120 48.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.541 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

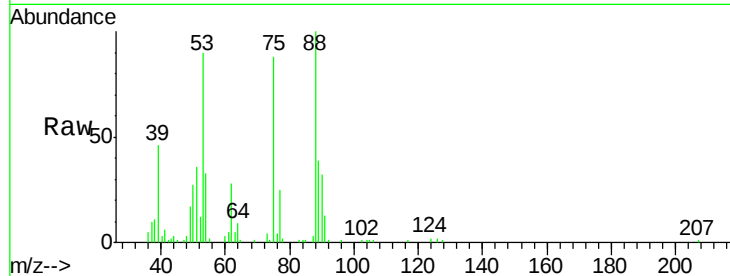
Tgt Ion: 75 Resp: 14128

Ion Ratio Lower Upper

75 100

53 108.6 82.9 124.3

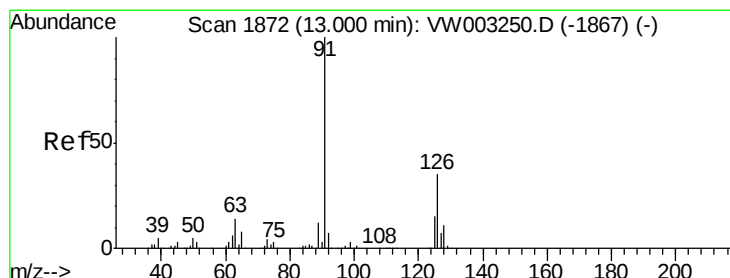
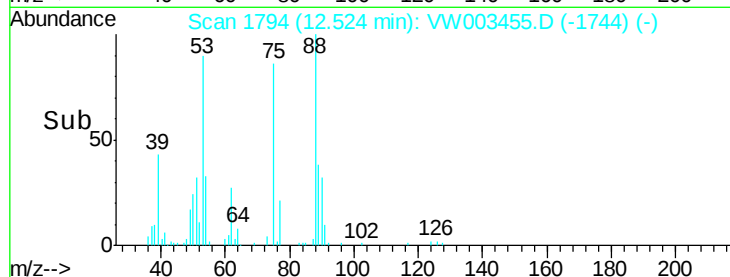
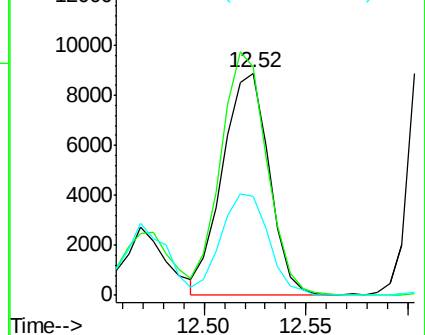
89 46.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.475 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW003455.D

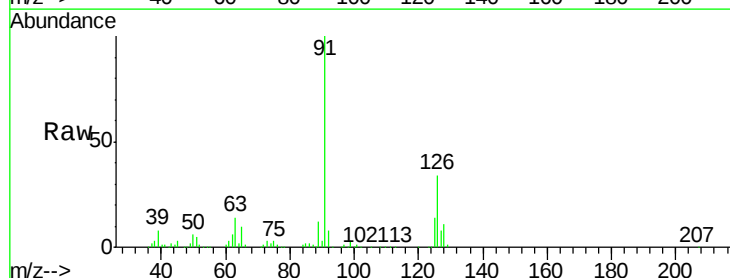
Acq: 23 Jun 2018 13:02

Tgt Ion: 91 Resp: 224894

Ion Ratio Lower Upper

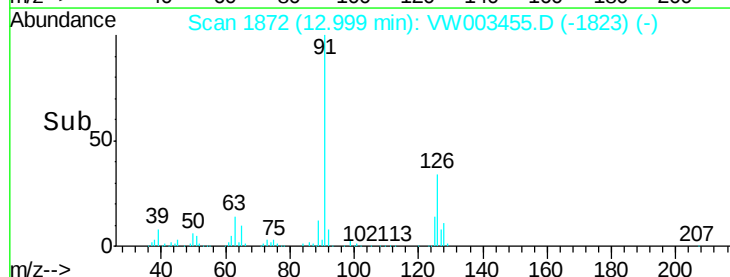
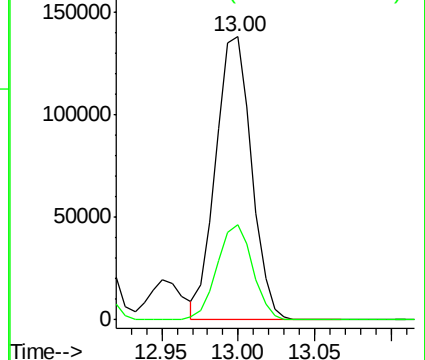
91 100

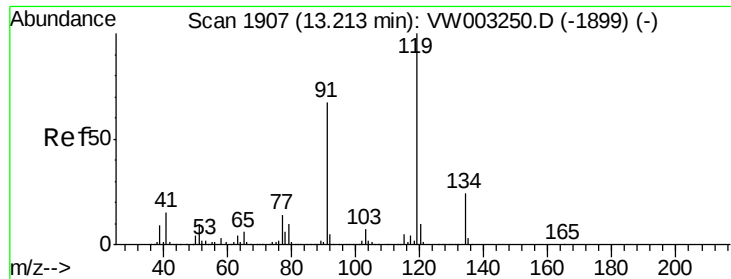
126 33.5 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

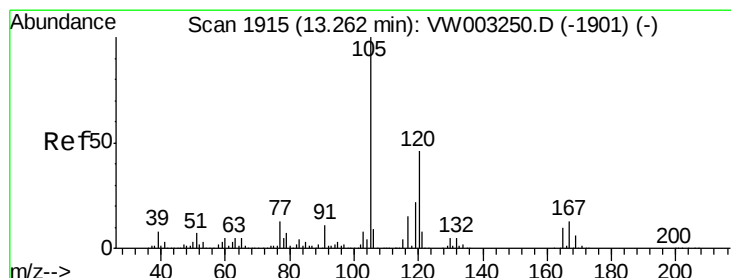
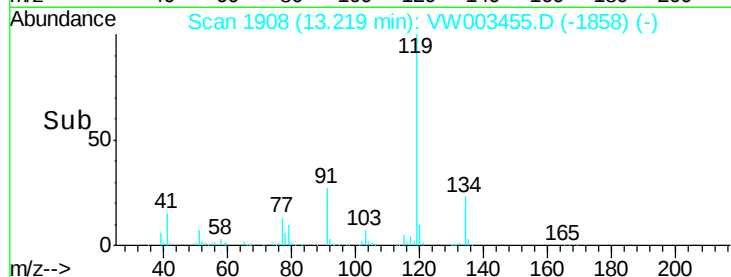
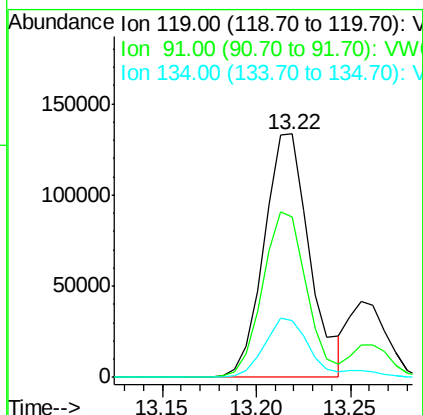
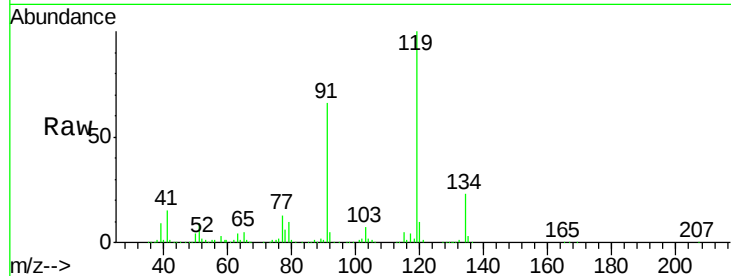




#83
 tert-Butylbenzene
 Concen: 21.944 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

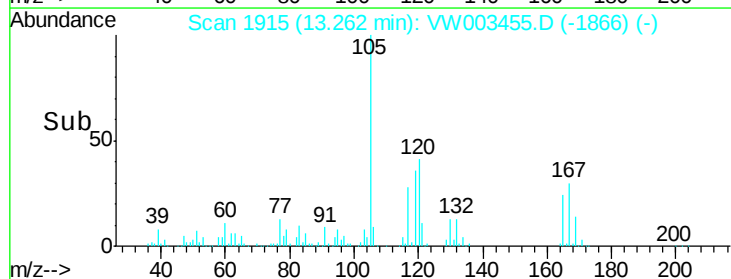
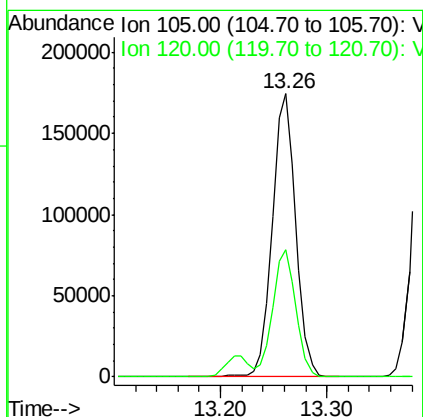
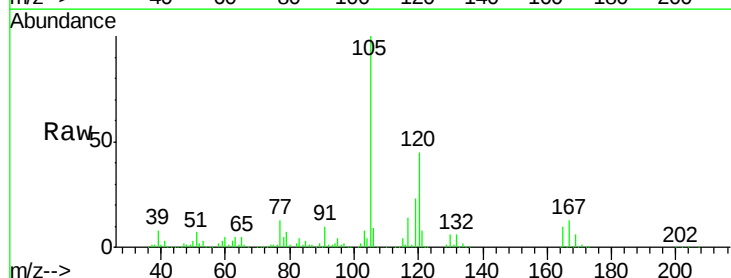
Instrument :
 MSVOA_W
 ClientSampled :
 VW0623SBSD01

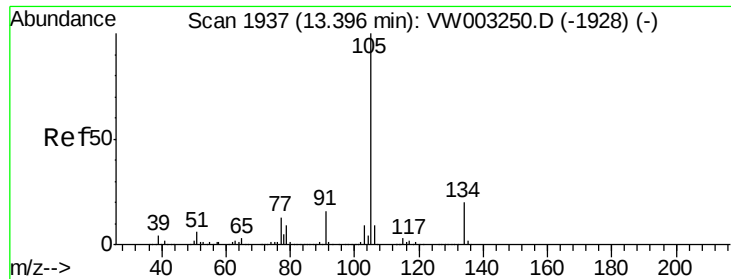
Tgt Ion:119 Resp: 223937
 Ion Ratio Lower Upper
 119 100
 91 65.9 33.9 101.7
 134 25.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.707 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion:105 Resp: 267378
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.5 67.5

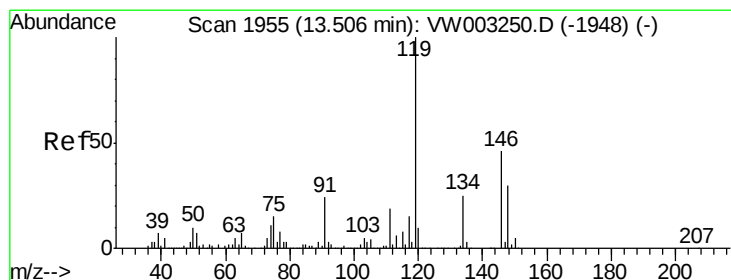
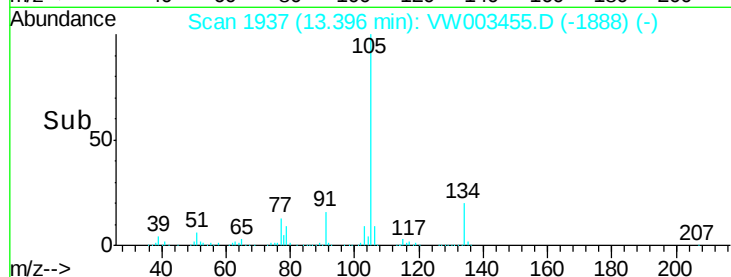
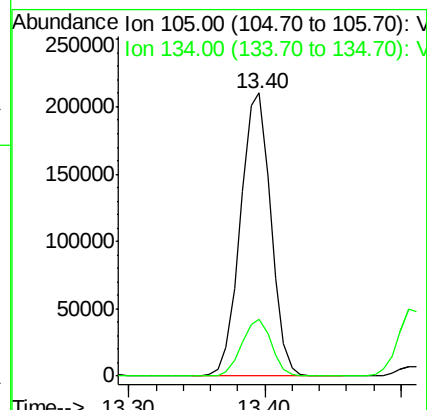
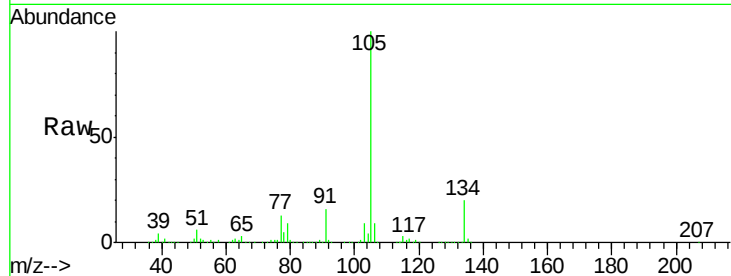




#85
 sec-Butylbenzene
 Concen: 21.601 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

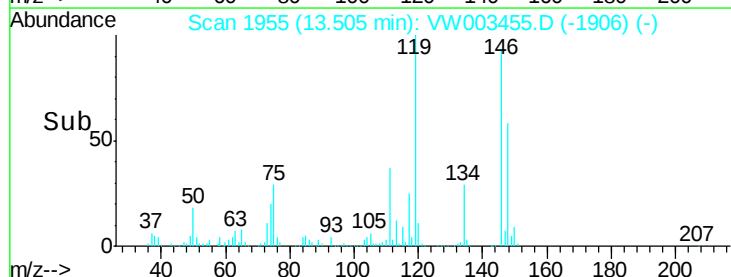
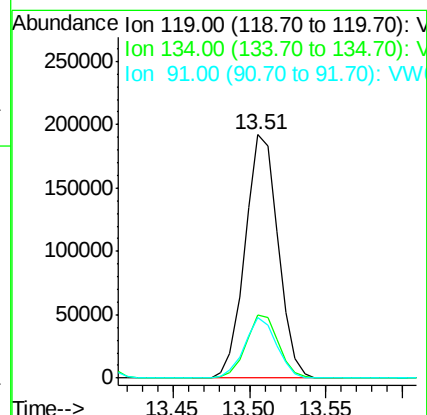
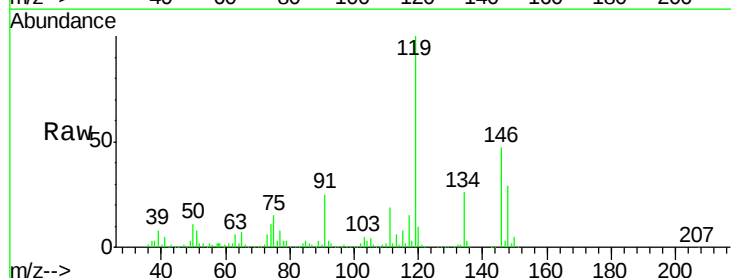
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

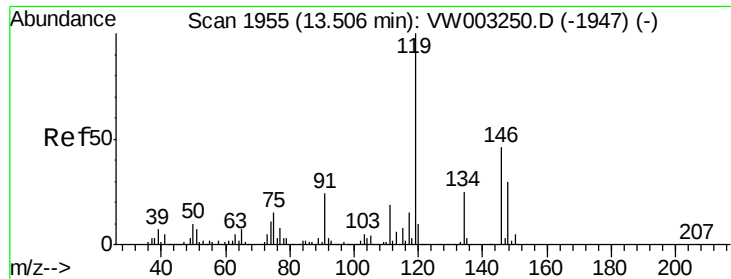
Tgt Ion:105 Resp: 327662
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.498 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion:119 Resp: 287611
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.1 11.8 35.3

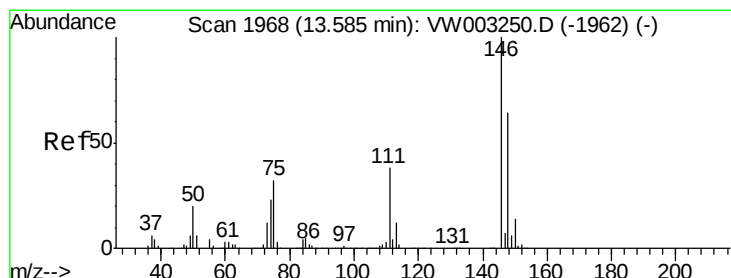
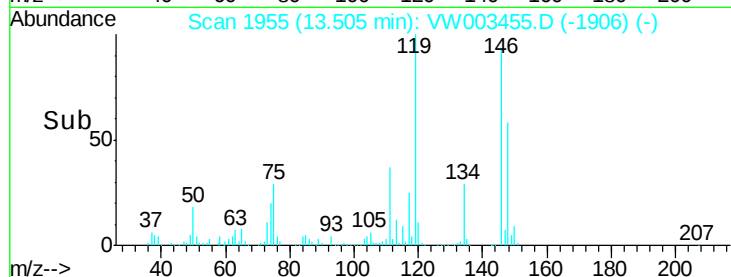
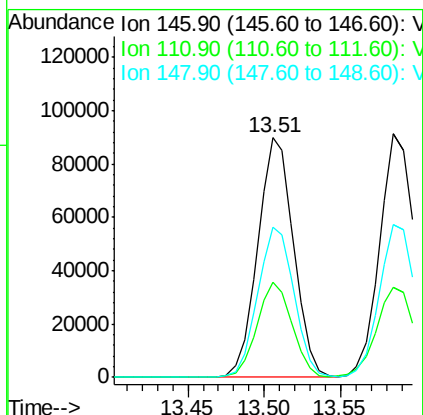
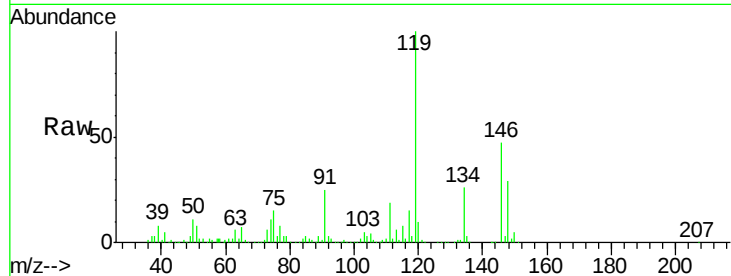




#87
 1,3-Dichlorobenzene
 Concen: 21.431 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

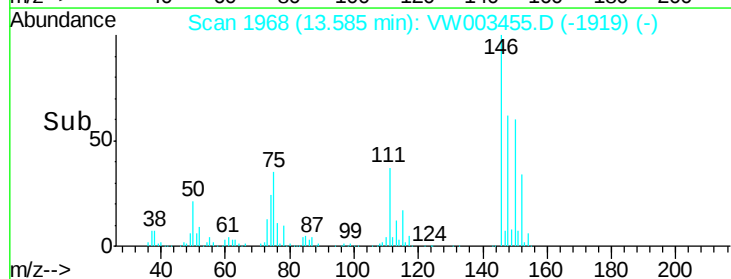
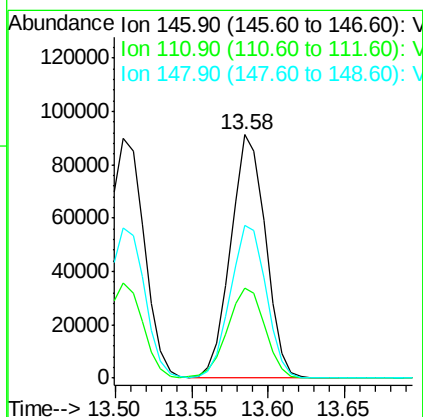
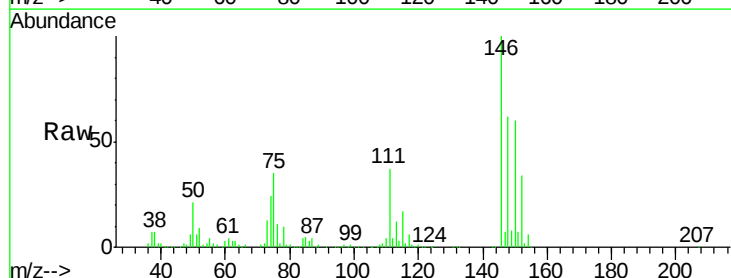
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

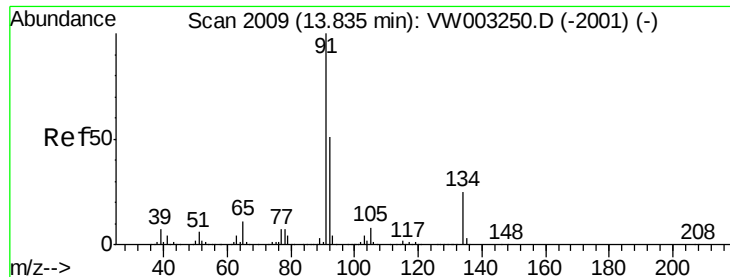
Tgt Ion:146 Resp: 146273
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.8 59.4
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.266 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion:146 Resp: 144295
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 21.722 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW003455.D

Acq: 23 Jun 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD01

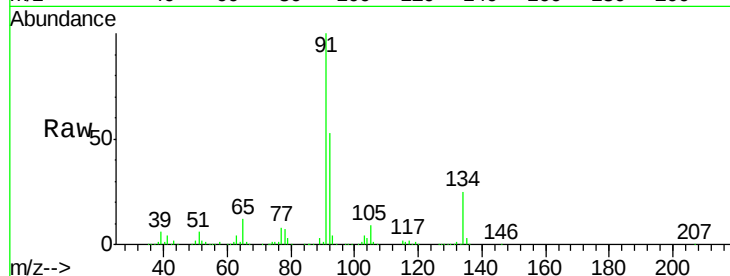
Tgt Ion: 91 Resp: 283281

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

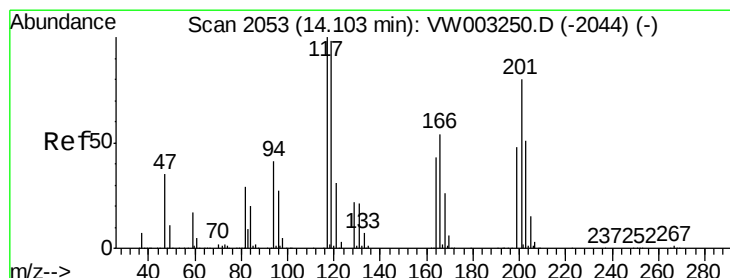
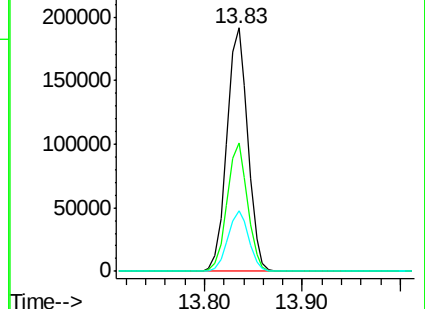
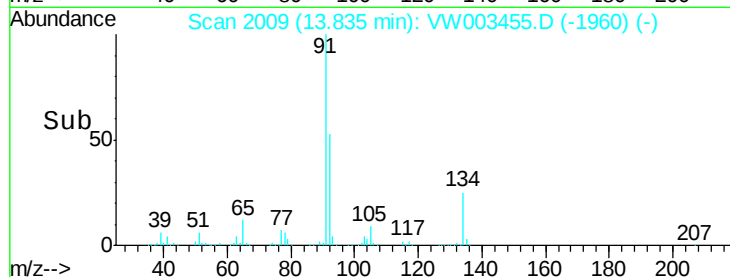
134 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.940 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW003455.D

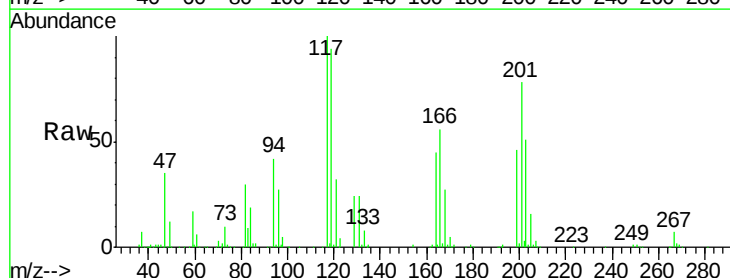
Acq: 23 Jun 2018 13:02

Tgt Ion: 117 Resp: 53098

Ion Ratio Lower Upper

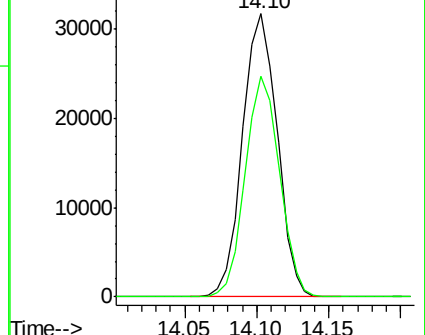
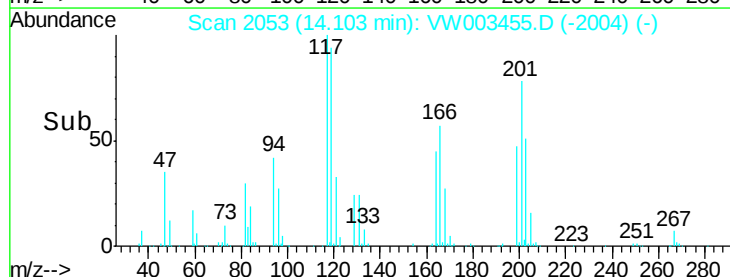
117 100

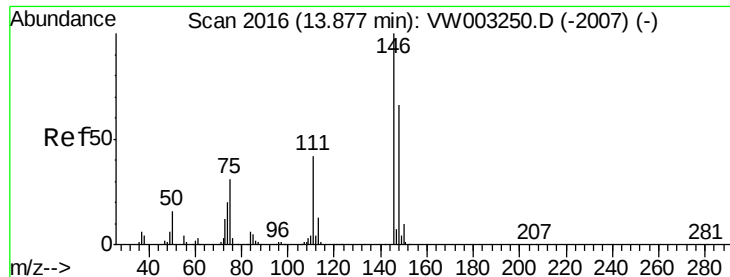
201 76.9 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

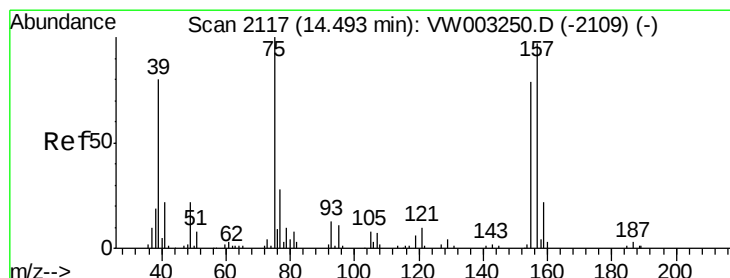
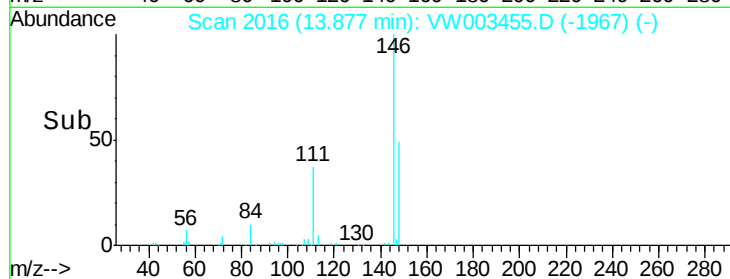
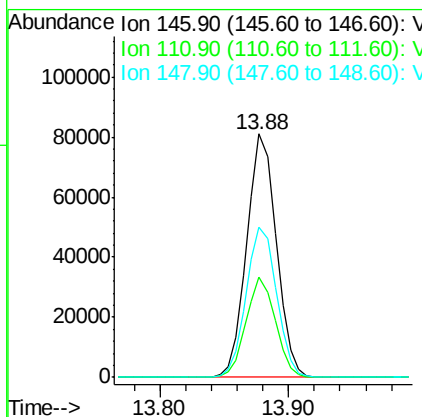
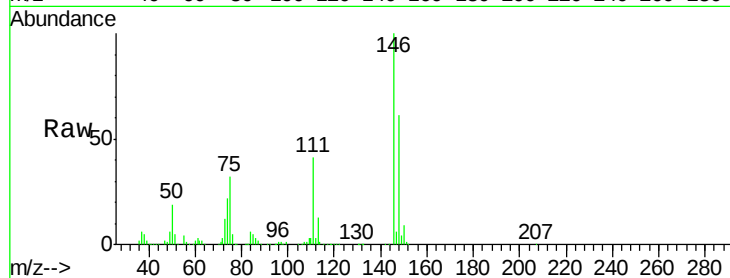




#91
 1,2-Dichlorobenzene
 Concen: 21.507 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

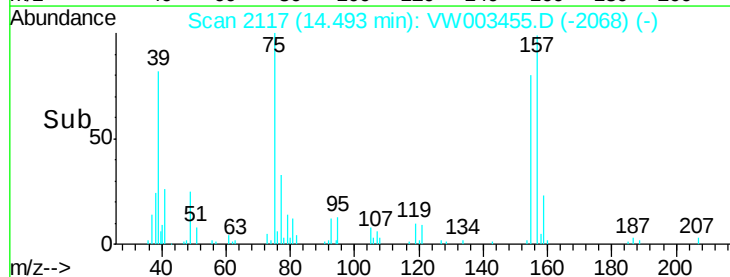
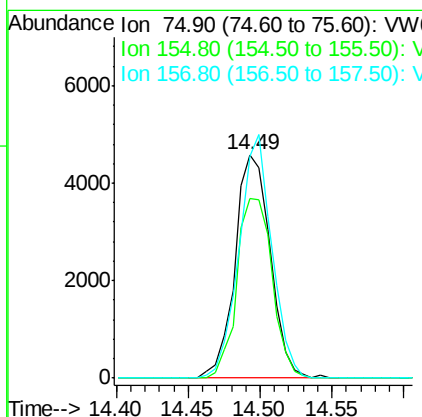
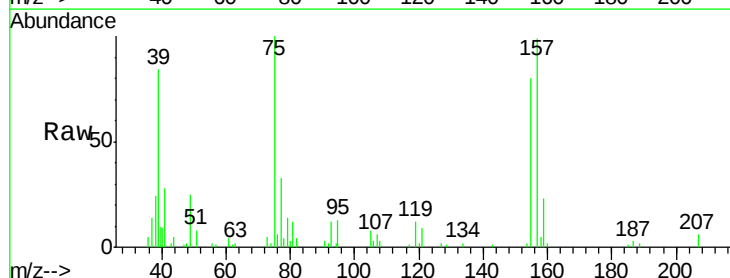
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

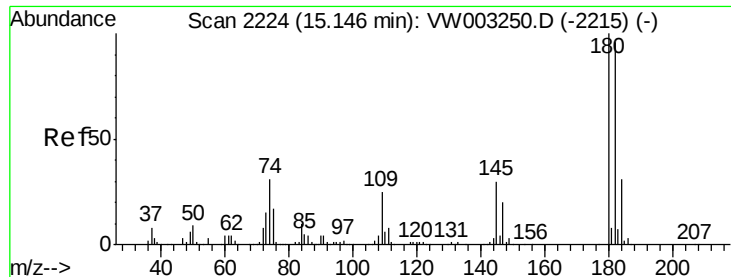
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	63.2	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.175 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003455.D
 Acq: 23 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	39.4	118.2
157	101.0	51.5	154.5

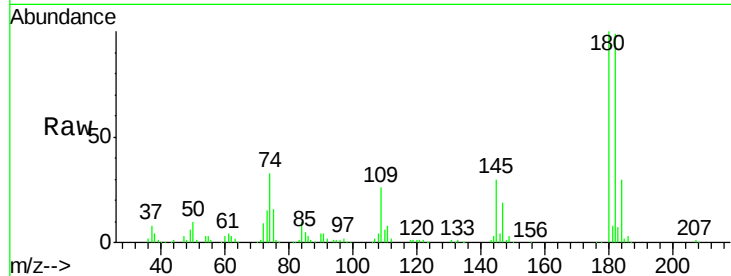




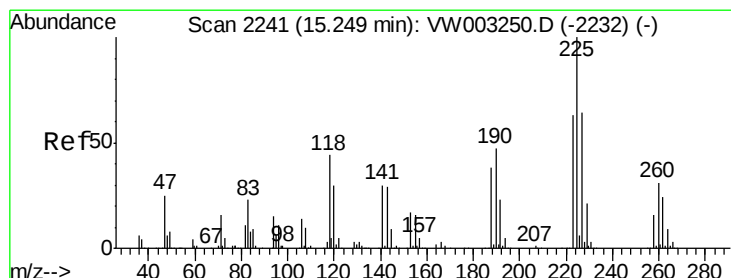
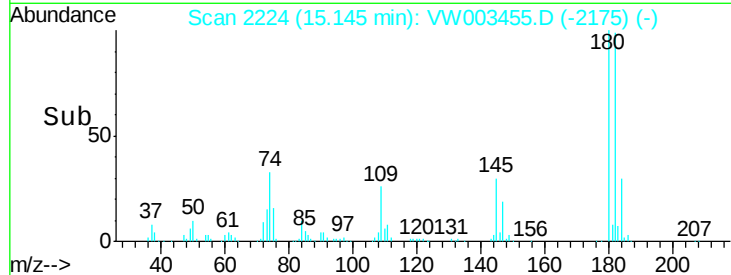
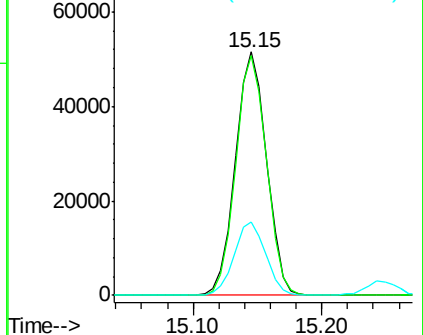
#93
1,2,4-Trichlorobenzene
Concen: 20.574 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tgt Ion:180 Resp: 86349
Ion Ratio Lower Upper
180 100
182 97.0 47.9 143.6
145 30.5 15.2 45.5

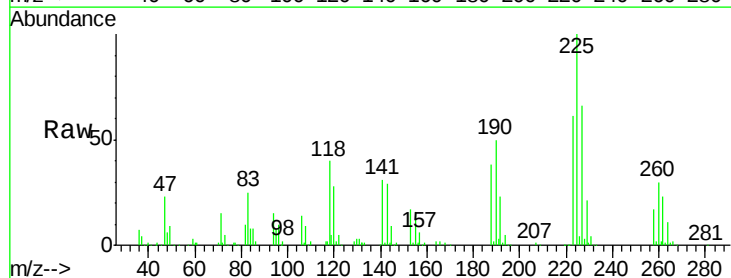


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

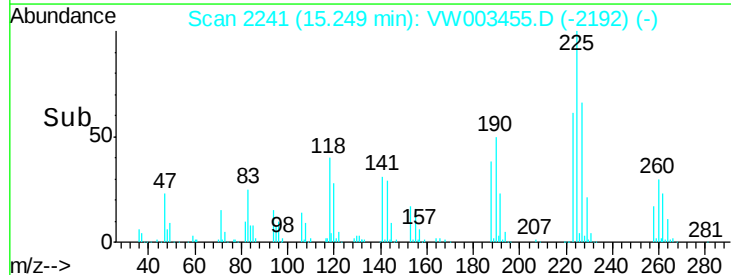
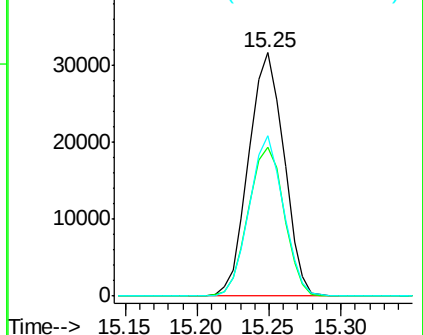


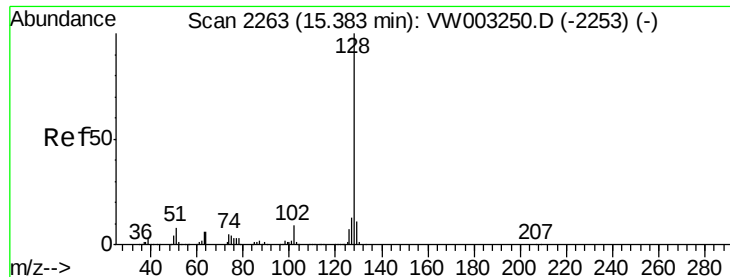
#94
Hexachlorobutadiene
Concen: 21.322 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion:225 Resp: 53831
Ion Ratio Lower Upper
225 100
223 61.8 30.6 92.0
227 63.4 31.7 95.1



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

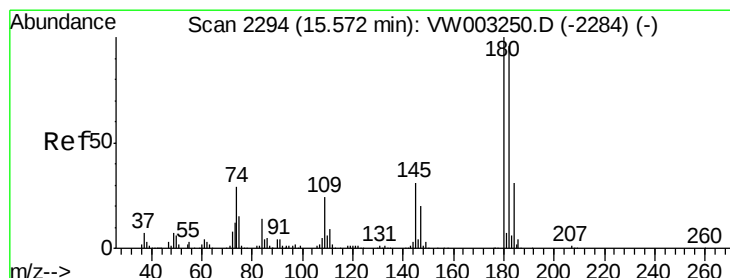
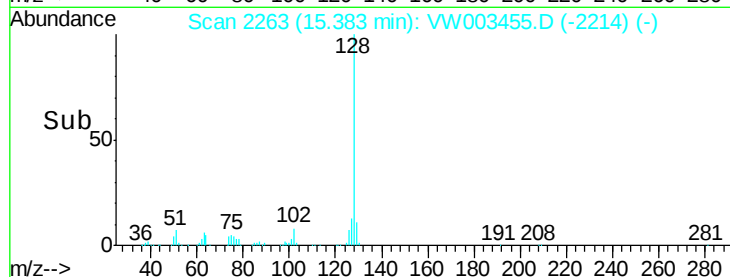
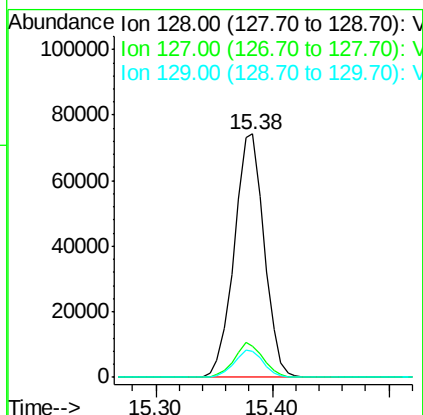
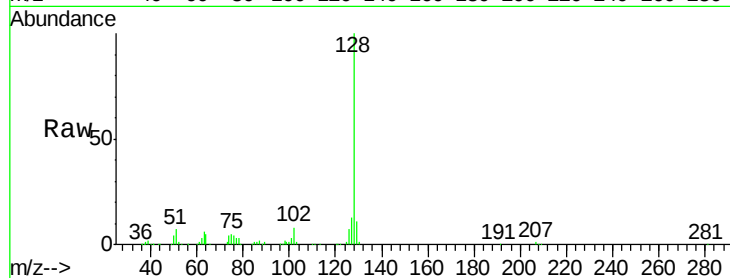




#95
Naphthalene
Concen: 18.714 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Tgt Ion:128 Resp: 133233
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.068 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW003455.D
Acq: 23 Jun 2018 13:02

Tgt Ion:180 Resp: 74136
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 32.4 15.8 47.4

