

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003580.D
 Acq On : 26 Jun 2018 21:05
 Operator : SY/AP
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Quant Time: Jun 27 01:23:29 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	196472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120125	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
35) Dibromofluoromethane	7.88	113	103183	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
50) Toluene-d8	10.33	98	413709	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
62) 4-Bromofluorobenzene	12.62	95	148334	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	12755	21.474	ug/l	92
3) Chloromethane	2.21	50	32263	21.498	ug/l	95
4) Vinyl Chloride	2.36	62	45364	20.735	ug/l	97
5) Bromomethane	2.78	94	30567	21.021	ug/l	96
6) Chloroethane	2.92	64	31429	20.638	ug/l	98
7) Trichlorofluoromethane	3.25	101	27939	21.317	ug/l	100
8) Diethyl Ether	3.68	74	21956	22.804	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40307	22.147	ug/l	98
10) Methyl Iodide	4.26	142	58956	21.419	ug/l	99
11) Tert butyl alcohol	5.23	59	13663	119.713	ug/l	99
12) 1,1-Dichloroethene	4.03	96	39358	22.129	ug/l	95
13) Acrolein	3.90	56	12976	79.521	ug/l	99
14) Allyl chloride	4.66	41	68534	22.246	ug/l	98
15) Acrylonitrile	5.38	53	48801	123.192	ug/l	98
16) Acetone	4.15	43	48970	109.718	ug/l	92
17) Carbon Disulfide	4.37	76	114026	21.686	ug/l	98
18) Methyl Acetate	4.68	43	24352	22.999	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	76292	22.903	ug/l	99
20) Methylene Chloride	4.90	84	55793	27.797	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	43487	22.467	ug/l	98
22) Diisopropyl ether	6.31	45	144955	23.379	ug/l	95
23) Vinyl Acetate	6.26	43	414239	115.935	ug/l	99
24) 1,1-Dichloroethane	6.21	63	85089	23.117	ug/l	99
25) 2-Butanone	7.18	43	67145	120.983	ug/l	93
26) 2,2-Dichloropropane	7.17	77	51260	20.867	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47035	22.120	ug/l	96
28) Bromochloromethane	7.51	49	32902	21.480	ug/l	96
29) Tetrahydrofuran	7.54	42	41868	123.434	ug/l	98
30) Chloroform	7.68	83	87875	23.433	ug/l	99
31) Cyclohexane	7.95	56	72881	21.194	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	70587	22.804	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67616	22.614	ug/l	98
37) Ethyl Acetate	7.26	43	29654	23.940	ug/l	100
38) Carbon Tetrachloride	8.07	117	64592	22.023	ug/l	98

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 ALS Vial : 10 Sample Multiplier: 1

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 VW0627SBS01

Quant Time: Jun 27 01:23:29 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	72030	20.820	ug/l	94
40) Benzene	8.32	78	188174	22.832	ug/l	97
41) Methacrylonitrile	7.49	41	18137	23.860	ug/l	98
42) 1,2-Dichloroethane	8.40	62	60671	23.496	ug/l	99
43) Isopropyl Acetate	8.43	43	56724	23.062	ug/l	99
44) Trichloroethene	9.09	130	48567	22.239	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48929	23.316	ug/l	97
46) Dibromomethane	9.46	93	25158	23.416	ug/l	98
47) Bromodichloromethane	9.65	83	62992	22.873	ug/l	99
48) Methyl methacrylate	9.44	41	27618	23.893	ug/l	97
49) 1,4-Dioxane	9.49	88	7540	464.804	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	153167	122.212	ug/l	99
52) Toluene	10.39	92	121196	22.931	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61609	21.900	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	70440	22.000	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35379	23.369	ug/l	94
56) Ethyl methacrylate	10.65	69	40786	22.185	ug/l	97
57) 1,3-Dichloropropane	10.93	76	61212	23.443	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	96911	117.592	ug/l	97
59) 2-Hexanone	10.98	43	104542	119.403	ug/l	99
60) Dibromochloromethane	11.13	129	40790	22.656	ug/l	98
61) 1,2-Dibromoethane	11.24	107	33652	23.499	ug/l	98
64) Tetrachloroethene	10.87	164	43509	22.361	ug/l	96
65) Chlorobenzene	11.66	112	131993	21.789	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	45808	21.518	ug/l	99
67) Ethyl Benzene	11.74	91	229878	21.407	ug/l	99
68) m/p-Xylenes	11.85	106	178329	43.686	ug/l	99
69) o-Xylene	12.17	106	81435	21.526	ug/l	98
70) Styrene	12.19	104	137574	21.848	ug/l	99
71) Bromoform	12.35	173	23867	21.632	ug/l #	99
73) Isopropylbenzene	12.47	105	226640	20.747	ug/l	99
74) N-amyl acetate	12.28	43	55797	22.441	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42750	23.132	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55768	41.536	ug/l #	100
77) Bromobenzene	12.76	156	54399	21.383	ug/l	97
78) n-propylbenzene	12.81	91	285786	21.366	ug/l	100
79) 2-Chlorotoluene	12.90	91	164738	21.794	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	196397	21.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11904	20.402	ug/l	90
82) 4-Chlorotoluene	12.99	91	172406	21.500	ug/l	100
83) tert-Butylbenzene	13.21	119	163898	20.975	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	205203	21.756	ug/l	100
85) sec-Butylbenzene	13.39	105	245874	21.169	ug/l	100
86) p-Isopropyltoluene	13.51	119	215645	21.050	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112828	21.589	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112862	21.723	ug/l	98
89) n-Butylbenzene	13.83	91	206527	20.682	ug/l	100
90) Hexachloroethane	14.10	117	38804	20.939	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	101684	22.212	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7393	23.772	ug/l	95

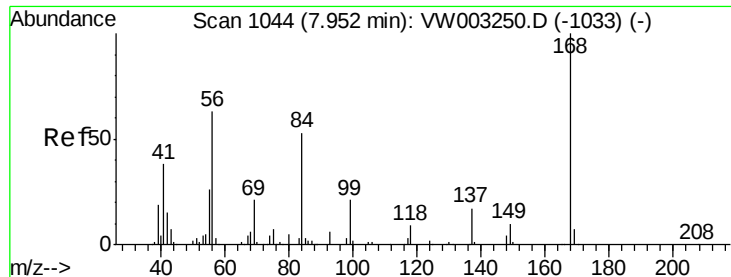
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	69462	21.614	ug/l	98
94) Hexachlorobutadiene	15.25	225	40899	21.156	ug/l	98
95) Naphthalene	15.38	128	119274	21.879	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	61574	21.767	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

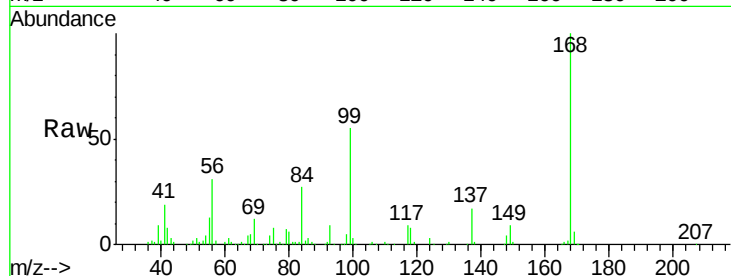
VW0627SBS01

Tgt Ion:168 Resp: 196472

Ion Ratio Lower Upper

168 100

99 55.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

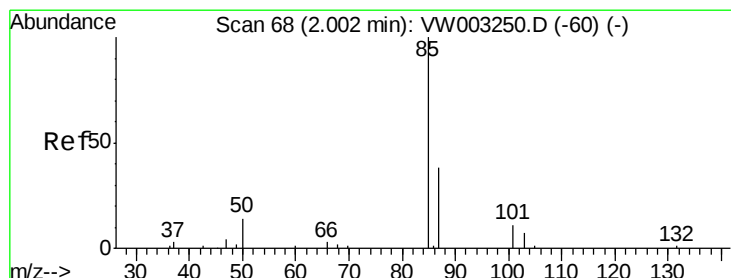
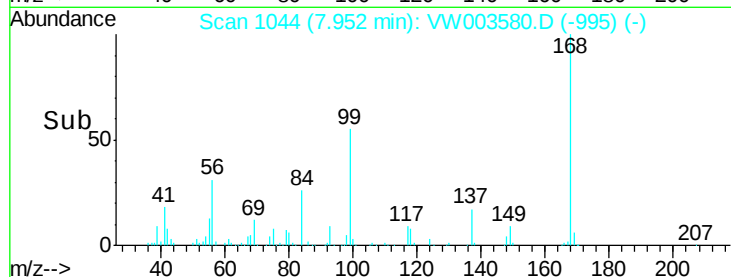
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.474 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003580.D

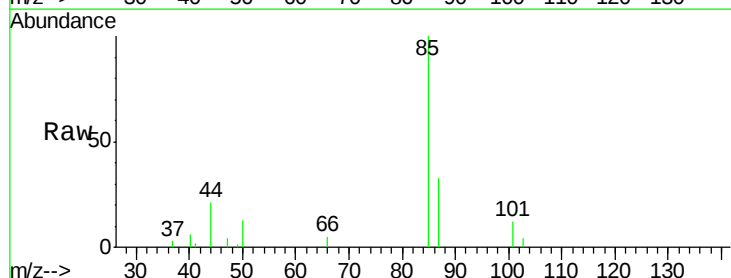
Acq: 26 Jun 2018 21:05

Tgt Ion: 85 Resp: 12755

Ion Ratio Lower Upper

85 100

87 33.3 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

5000

4000

3000

2000

1000

0

1.90

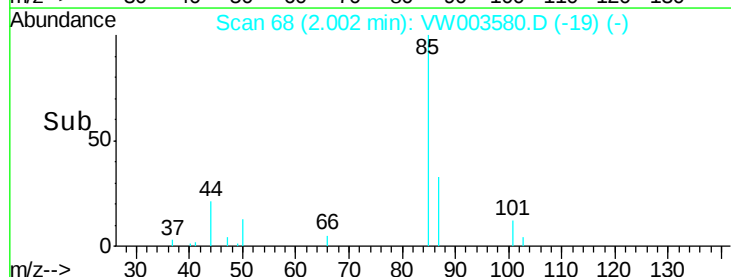
1.95

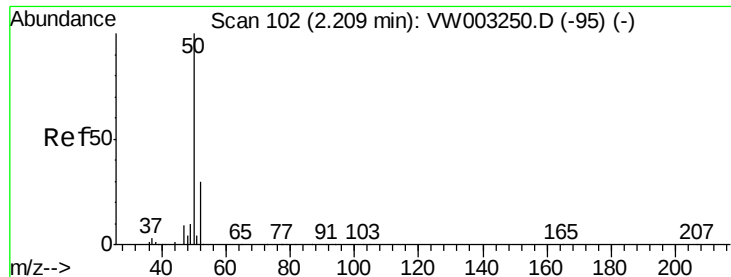
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 21.498 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

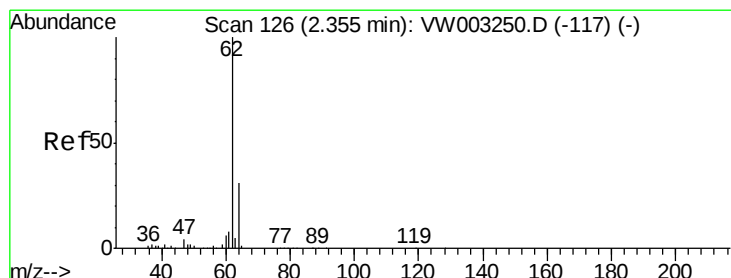
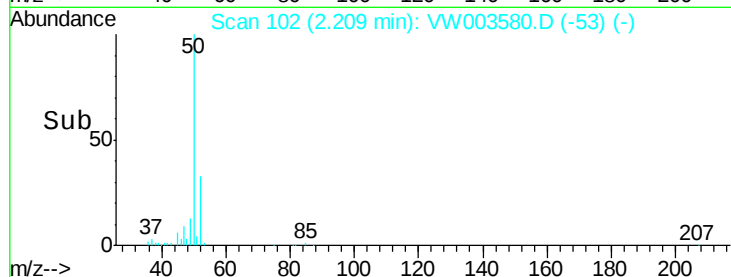
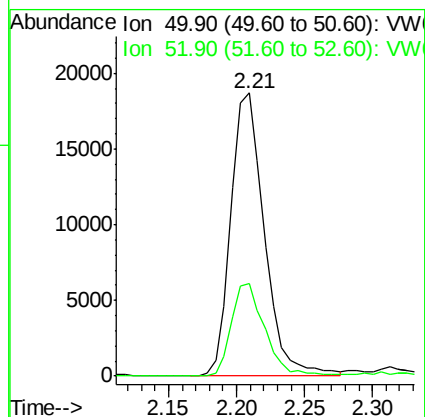
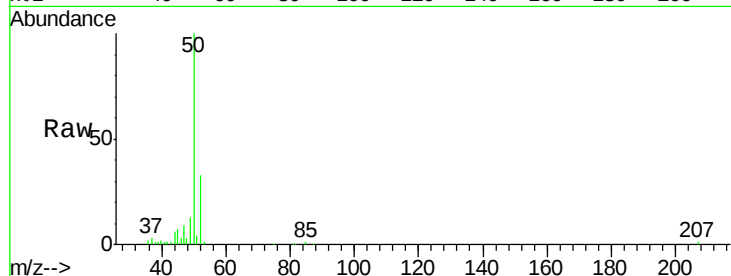
VW0627SBS01

Tgt Ion: 50 Resp: 32263

Ion Ratio Lower Upper

50 100

52 32.7 24.2 36.2



#4

Vinyl Chloride

Concen: 20.735 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003580.D

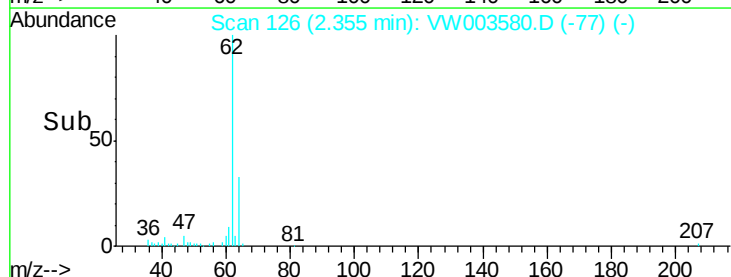
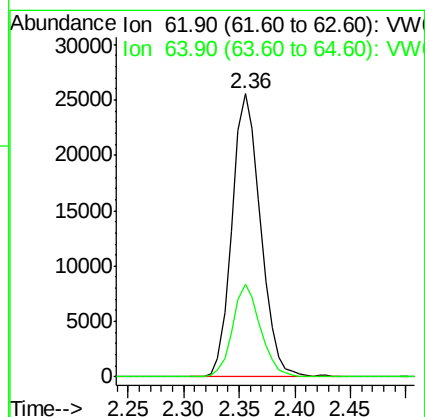
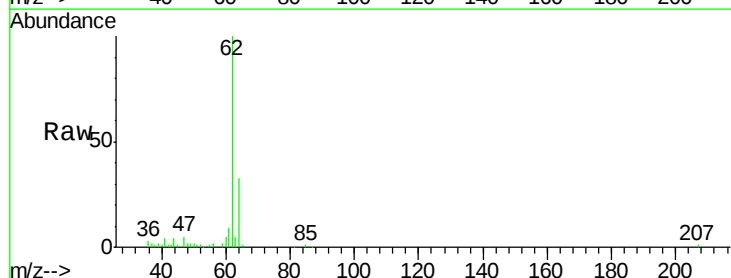
Acq: 26 Jun 2018 21:05

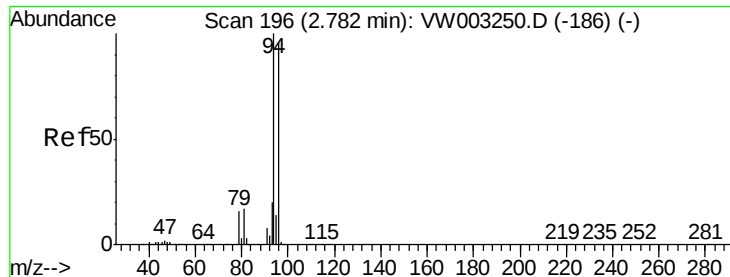
Tgt Ion: 62 Resp: 45364

Ion Ratio Lower Upper

62 100

64 32.8 24.9 37.3





#5

Bromomethane

Concen: 21.021 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

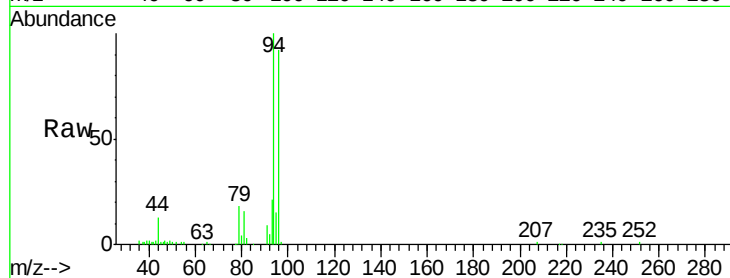
VW0627SBS01

Tgt Ion: 94 Resp: 30567

Ion Ratio Lower Upper

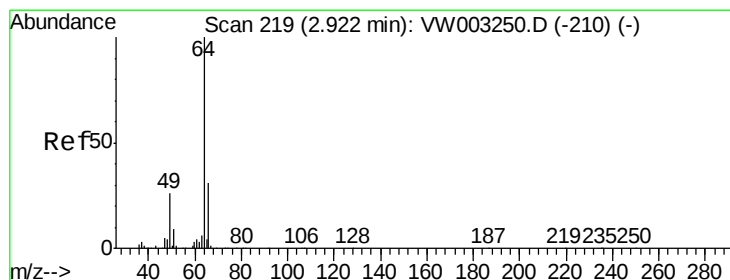
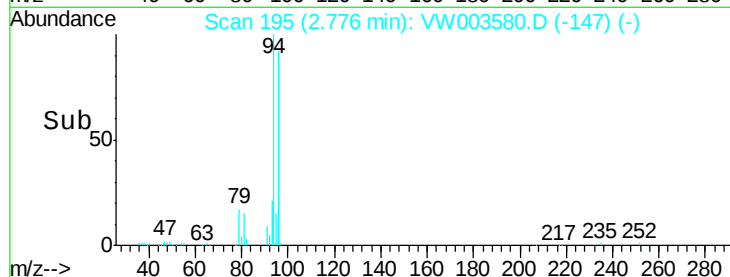
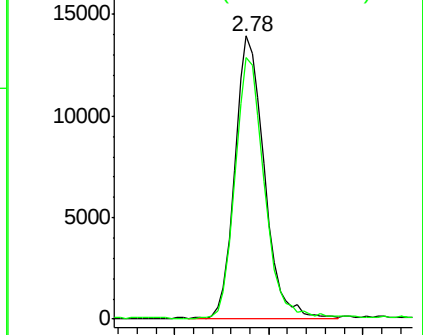
94 100

96 92.1 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: 20.638 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003580.D

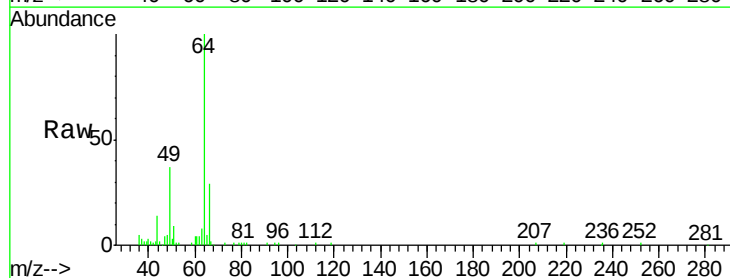
Acq: 26 Jun 2018 21:05

Tgt Ion: 64 Resp: 31429

Ion Ratio Lower Upper

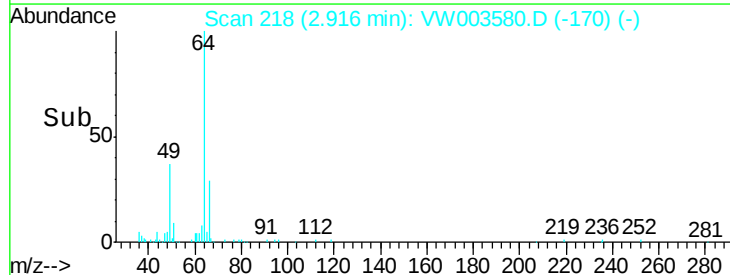
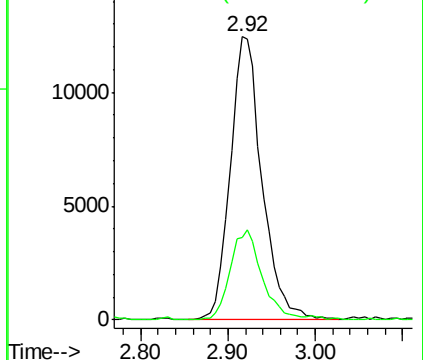
64 100

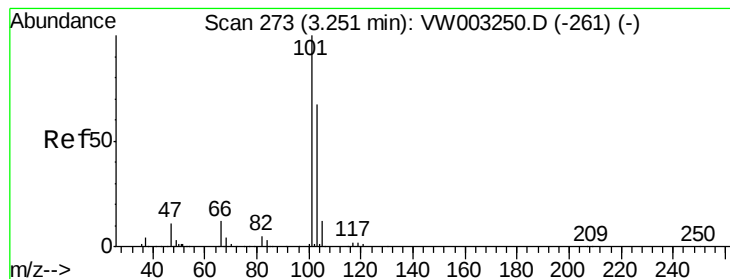
66 29.3 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



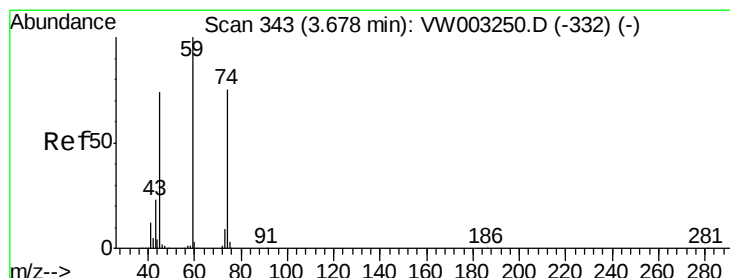
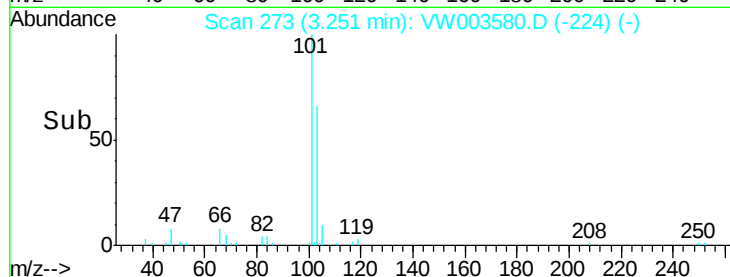
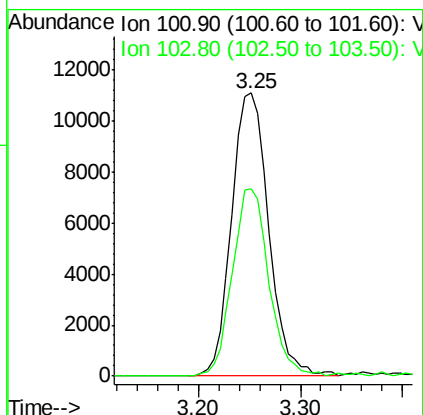
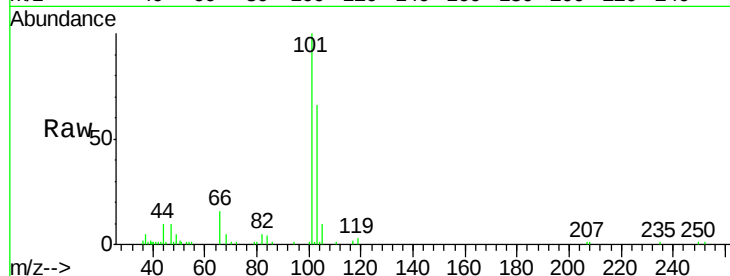


#7

Trichlorofluoromethane
Concen: 21.317 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

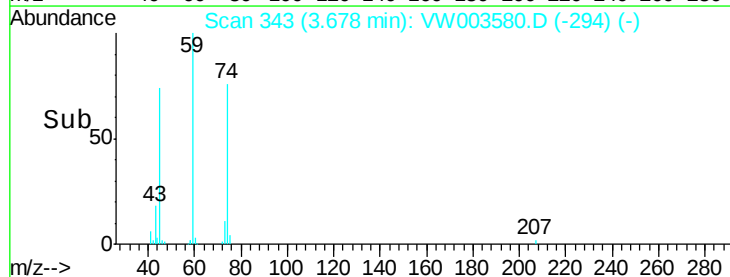
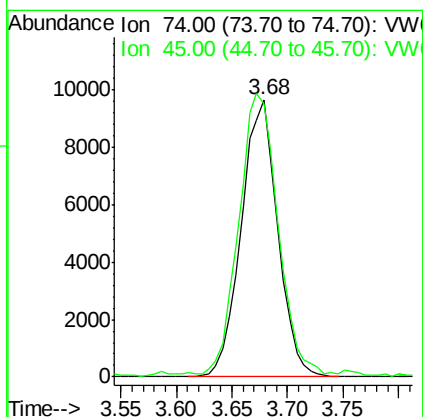
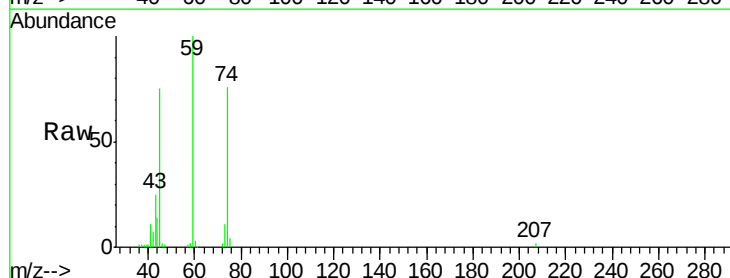
Tgt Ion:101 Resp: 27939
Ion Ratio Lower Upper
101 100
103 66.4 53.4 80.0

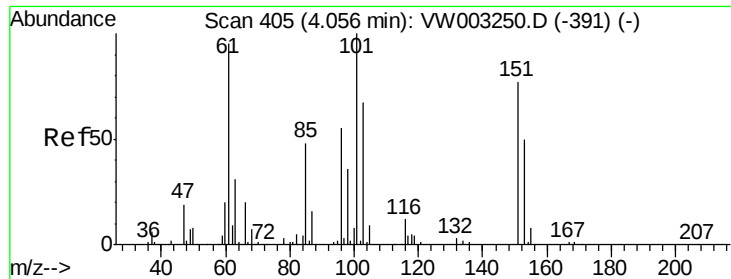


#8

Diethyl Ether
Concen: 22.804 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 74 Resp: 21956
Ion Ratio Lower Upper
74 100
45 107.8 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.147 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

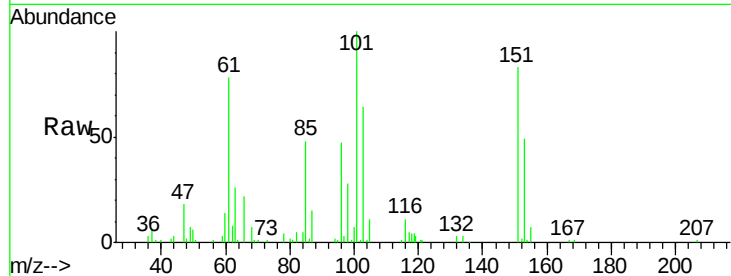
Tgt Ion:101 Resp: 40307

Ion Ratio Lower Upper

101 100

85 47.7 37.0 55.6

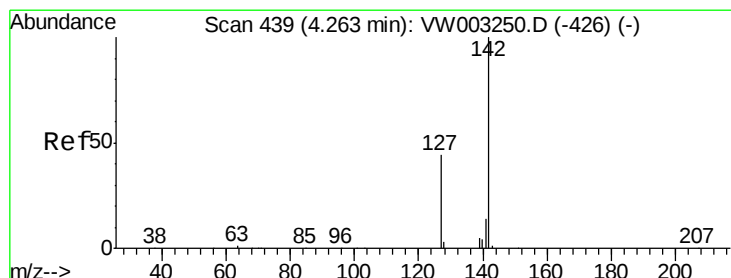
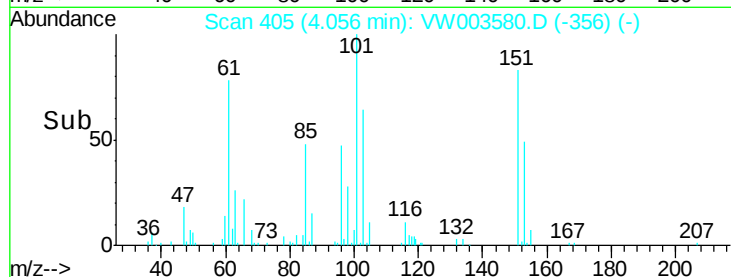
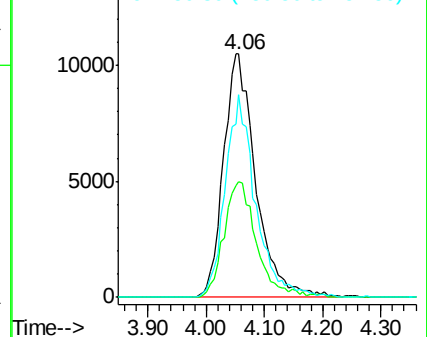
151 77.7 63.3 94.9



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: 21.419 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

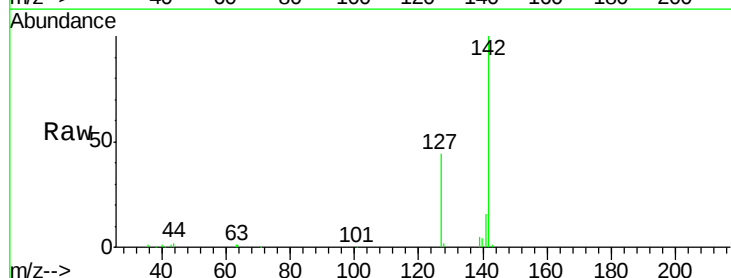
Tgt Ion:142 Resp: 58956

Ion Ratio Lower Upper

142 100

127 46.0 36.5 54.7

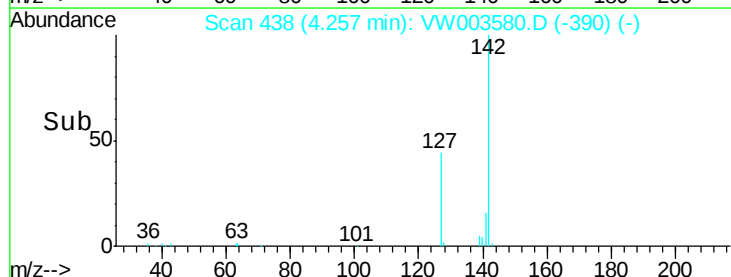
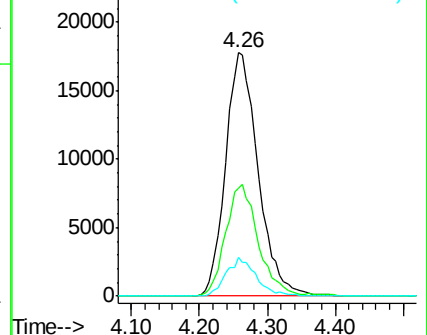
141 14.6 12.1 18.1

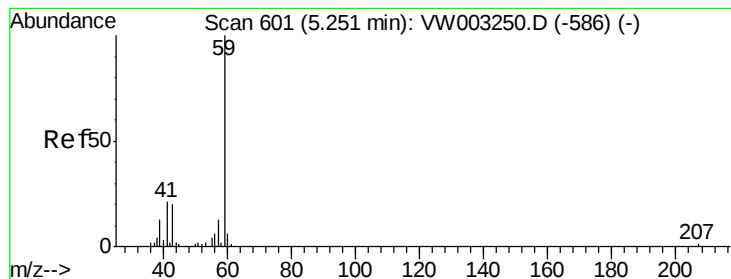


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



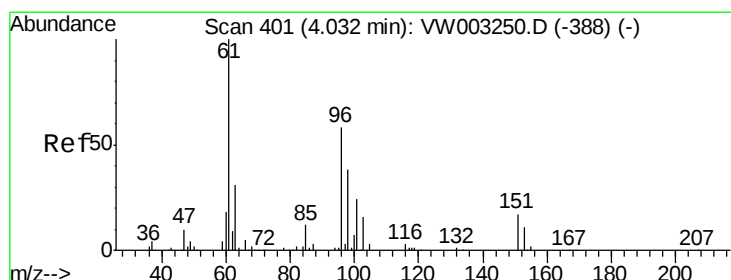
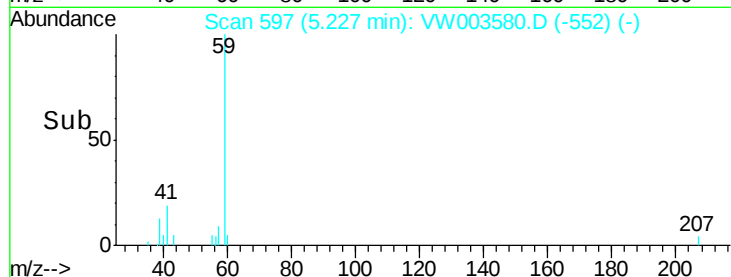
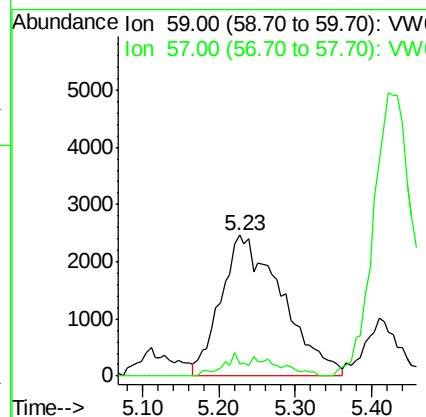
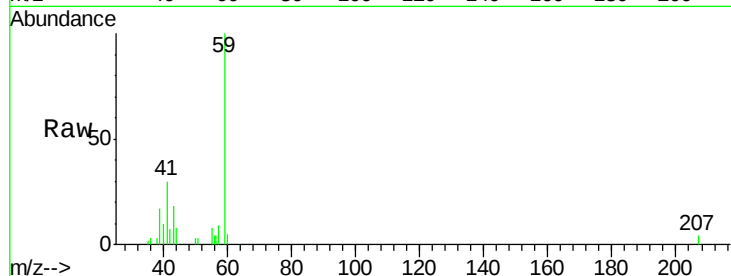


#11

Tert butyl alcohol
Concen: 119.713 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

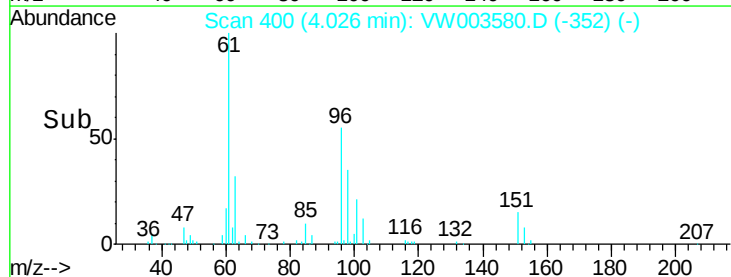
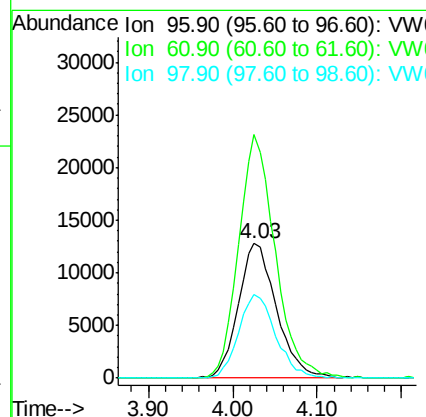
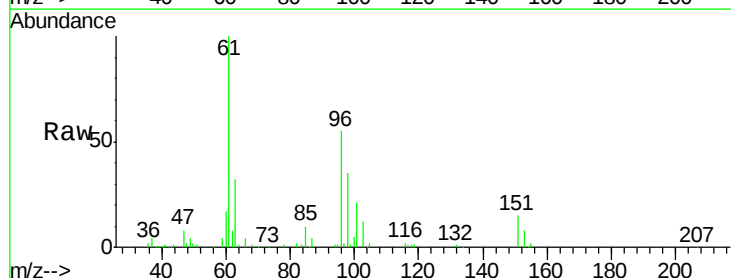
Tgt Ion: 59 Resp: 13663
Ion Ratio Lower Upper
59 100
57 5.5 4.2 6.2

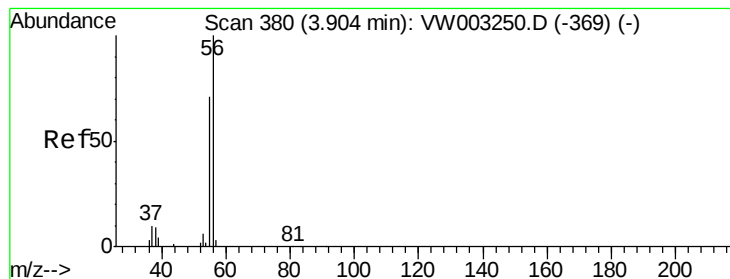


#12

1,1-Dichloroethene
Concen: 22.129 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 96 Resp: 39358
Ion Ratio Lower Upper
96 100
61 181.3 139.0 208.4
98 62.6 53.3 79.9





#13

Acrolein

Concen: 79.521 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

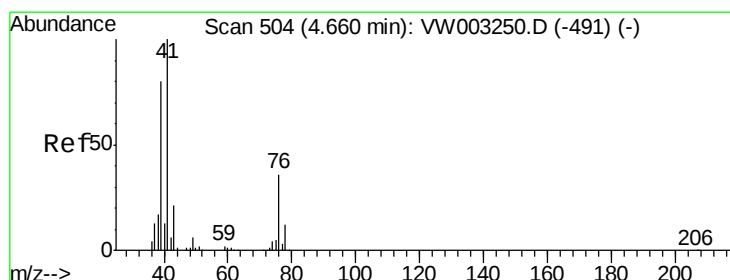
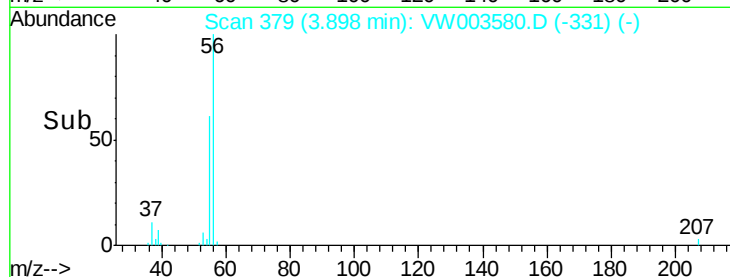
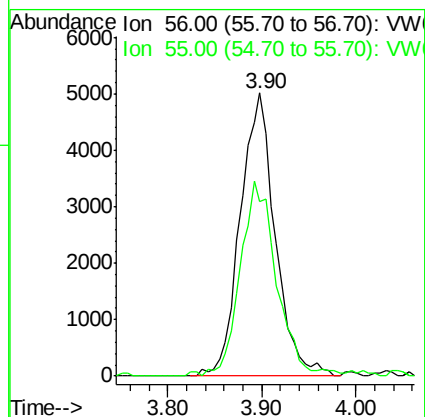
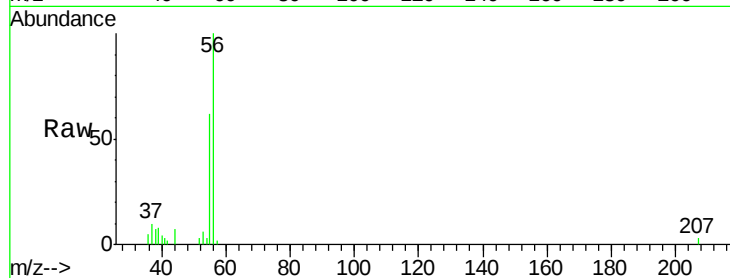
VW0627SBS01

Tgt Ion: 56 Resp: 12976

Ion Ratio Lower Upper

56 100

55 70.5 55.4 83.2



#14

Allyl chloride

Concen: 22.246 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

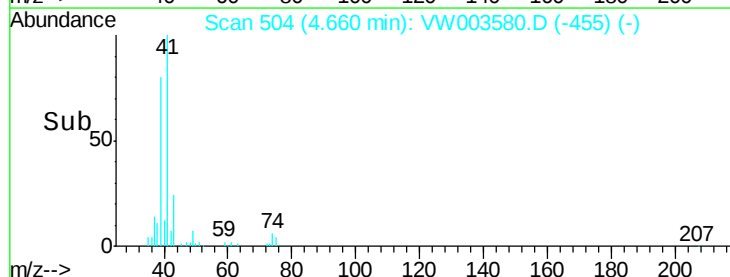
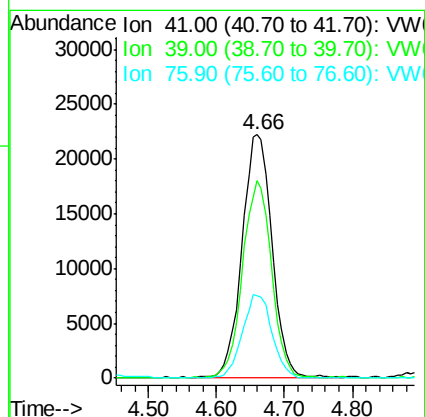
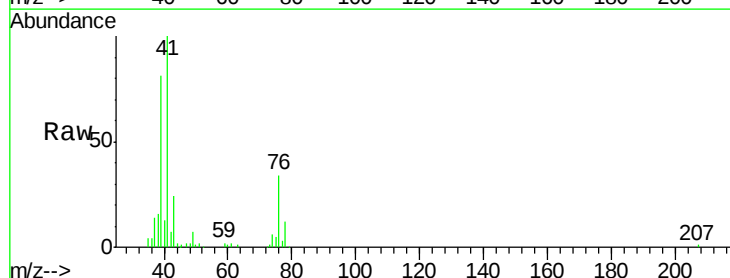
Tgt Ion: 41 Resp: 68534

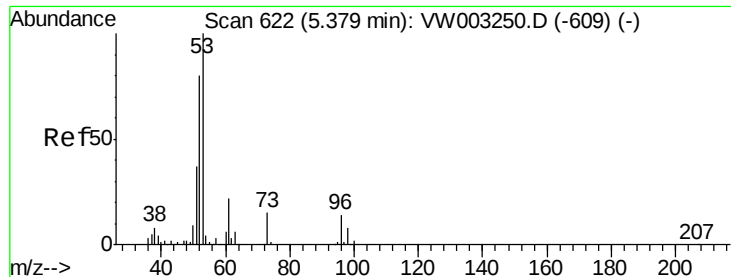
Ion Ratio Lower Upper

41 100

39 77.9 63.2 94.8

76 33.6 28.0 42.0





#15

Acrylonitrile

Concen: 123.192 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

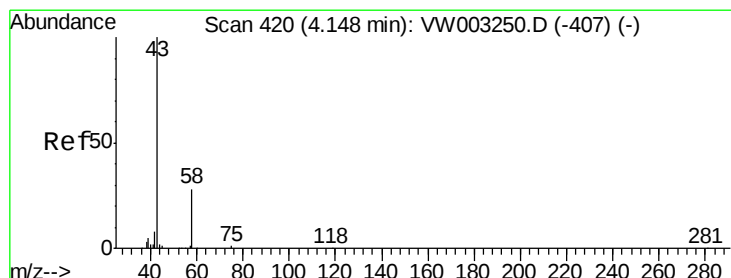
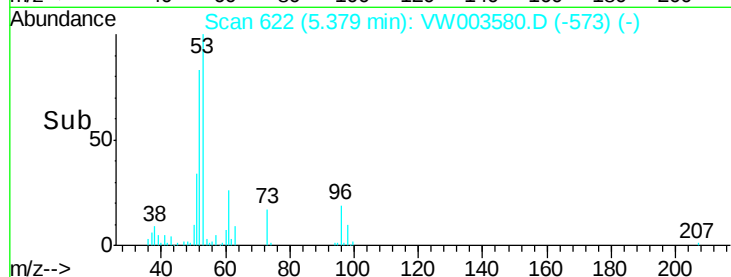
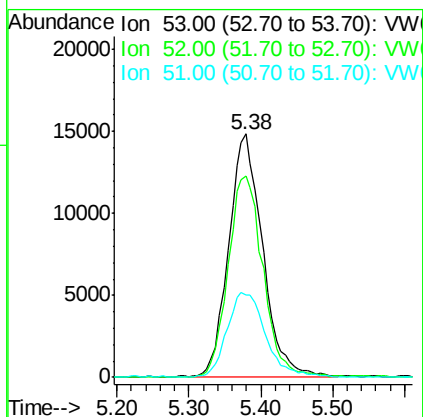
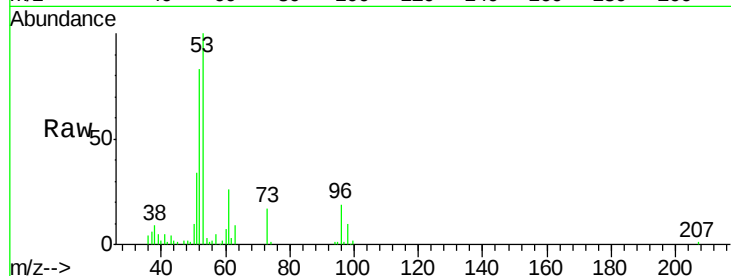
Tgt Ion: 53 Resp: 48801

Ion Ratio Lower Upper

53 100

52 85.1 66.6 100.0

51 39.4 30.6 46.0



#16

Acetone

Concen: 109.718 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003580.D

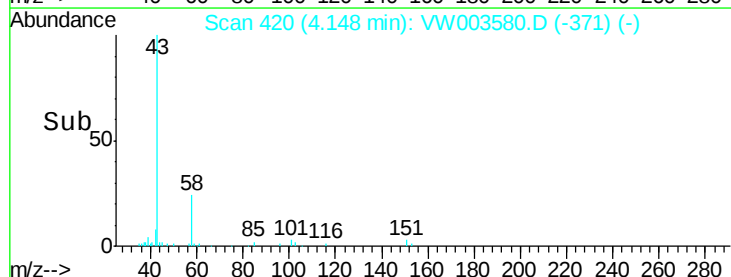
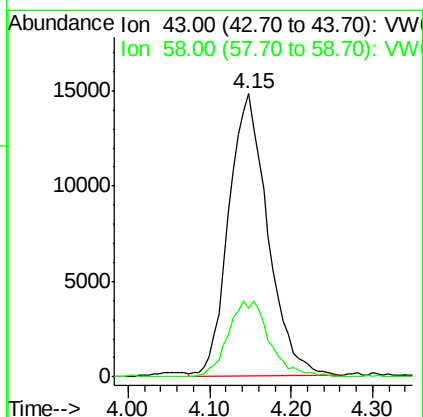
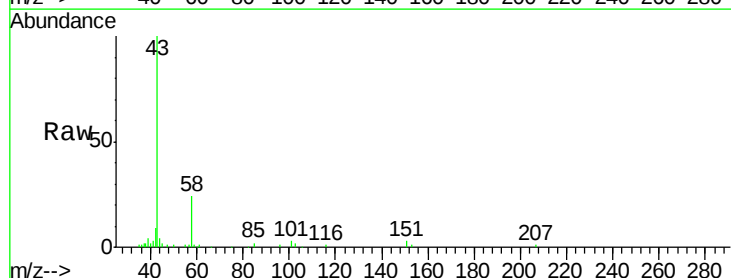
Acq: 26 Jun 2018 21:05

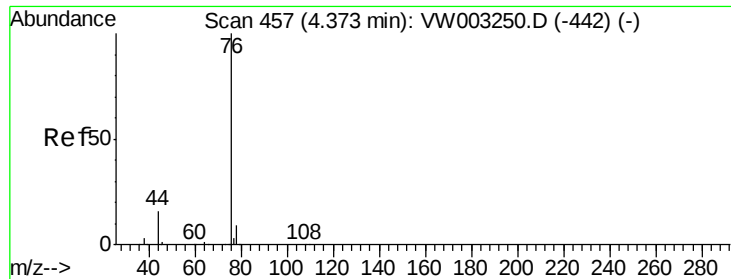
Tgt Ion: 43 Resp: 48970

Ion Ratio Lower Upper

43 100

58 24.3 22.6 34.0





#17

Carbon Disulfide

Concen: 21.686 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

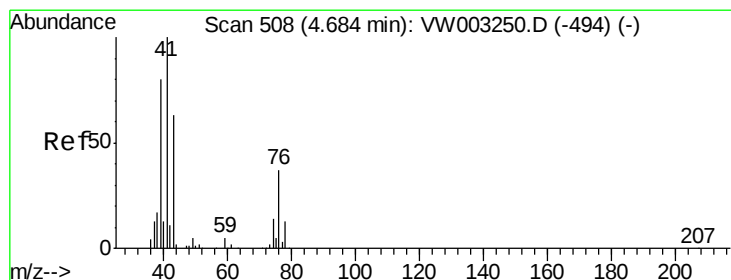
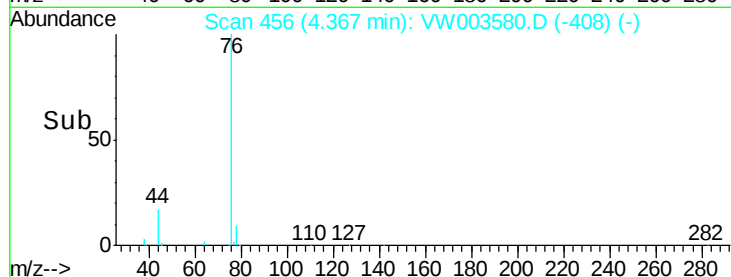
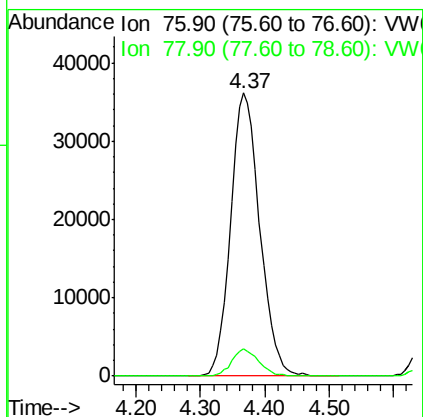
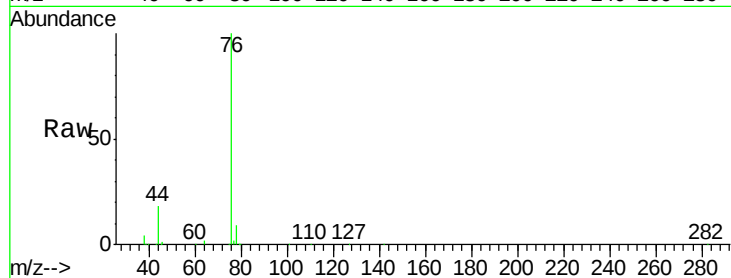
VW0627SBS01

Tgt Ion: 76 Resp: 114026

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#18

Methyl Acetate

Concen: 22.999 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003580.D

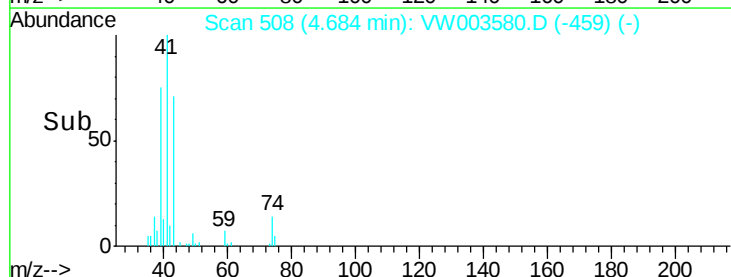
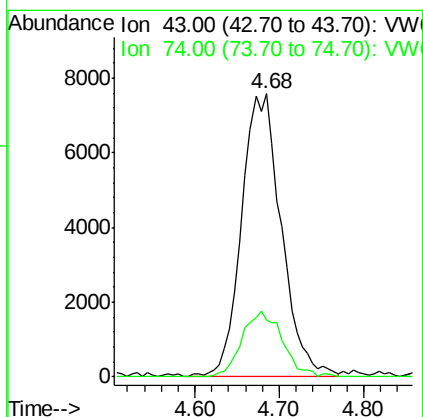
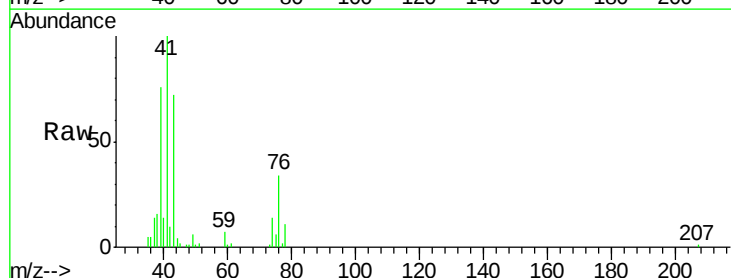
Acq: 26 Jun 2018 21:05

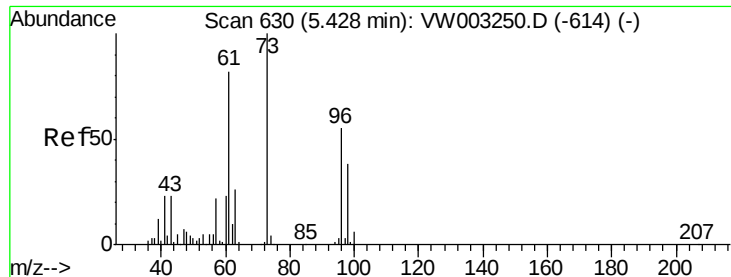
Tgt Ion: 43 Resp: 24352

Ion Ratio Lower Upper

43 100

74 23.3 18.7 28.1

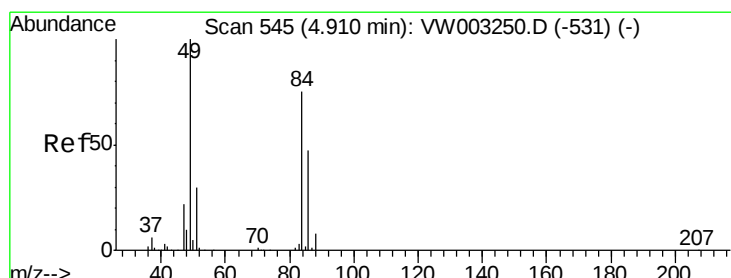
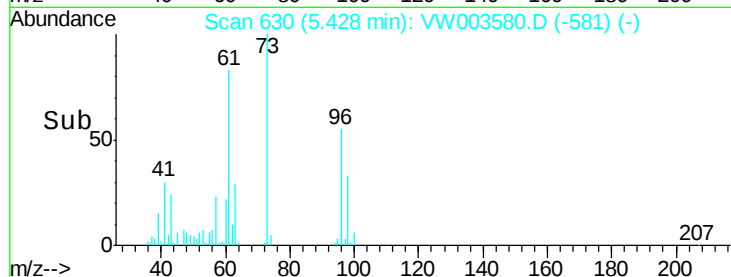
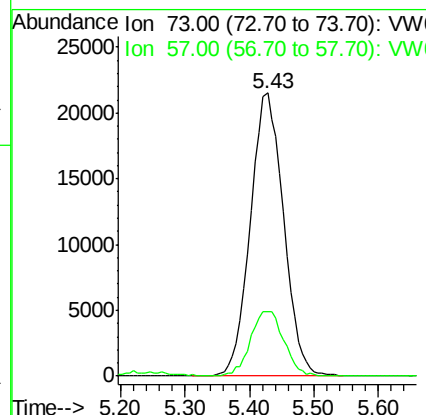
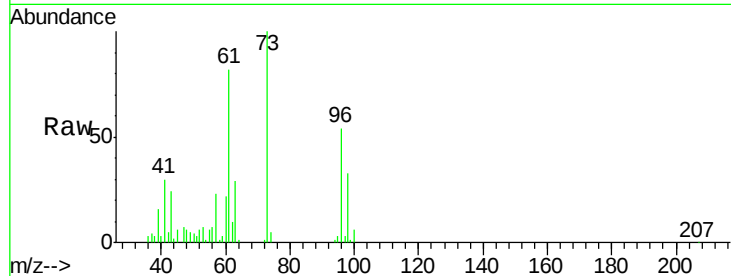




#19
Methyl tert-butyl Ether
Concen: 22.903 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

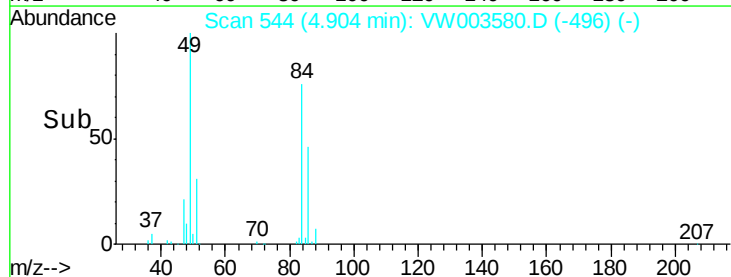
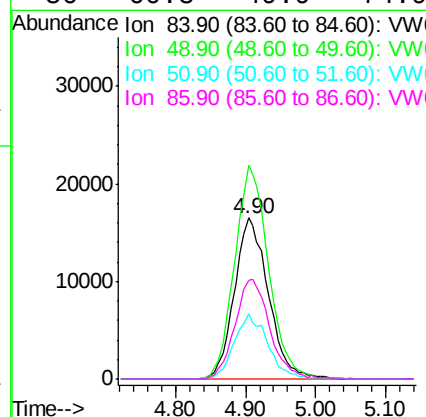
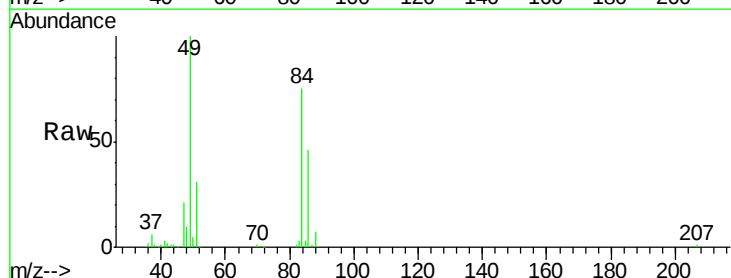
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

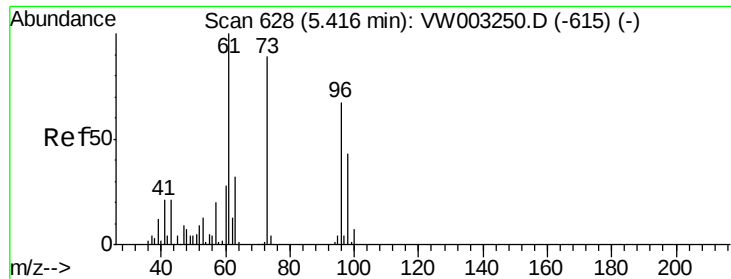
Tgt Ion: 73 Resp: 76292
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 27.797 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 84 Resp: 55793
Ion Ratio Lower Upper
84 100
49 132.5 106.3 159.5
51 40.6 32.0 48.0
86 60.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.467 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

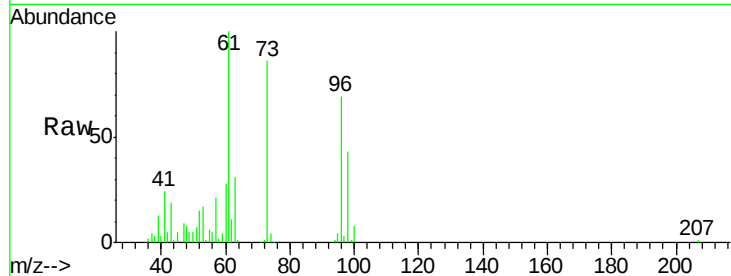
Tgt Ion: 96 Resp: 43487

Ion Ratio Lower Upper

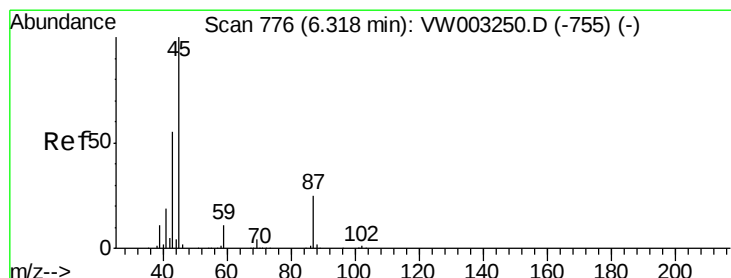
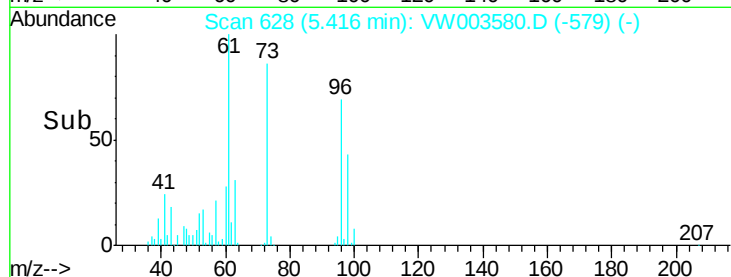
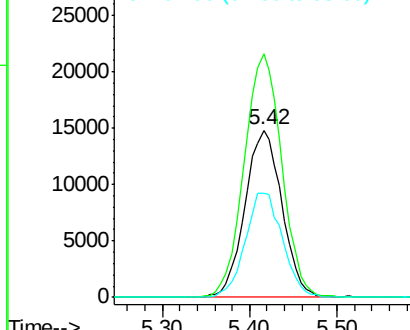
96 100

61 145.8 118.7 178.1

98 62.7 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: 23.379 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion: 45 Resp: 144955

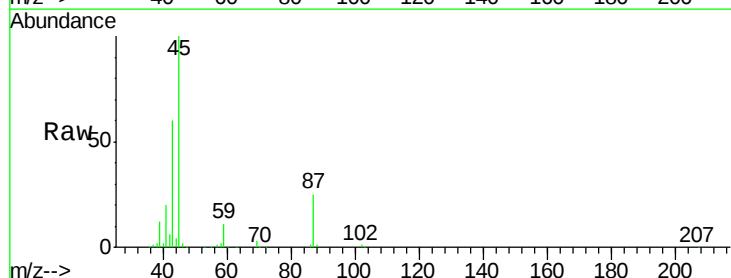
Ion Ratio Lower Upper

45 100

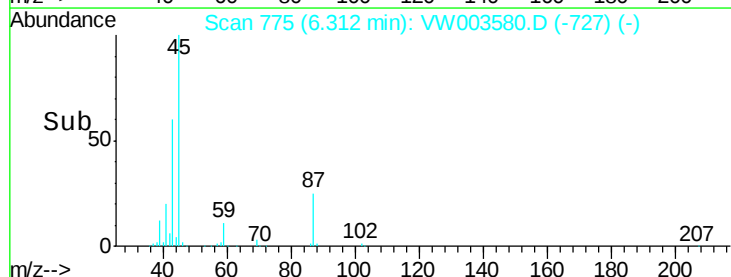
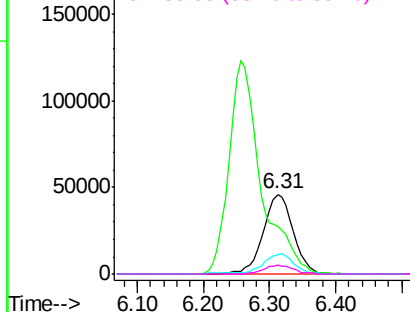
43 59.9 44.0 66.0

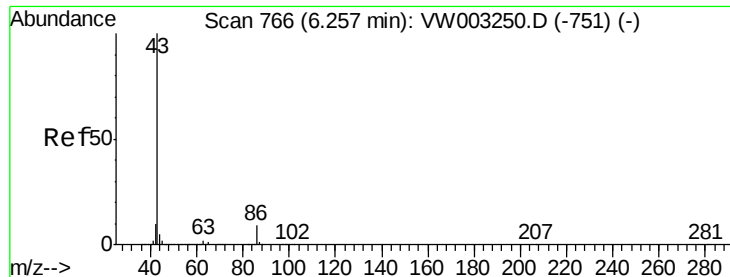
87 24.7 20.6 31.0

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: 115.935 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

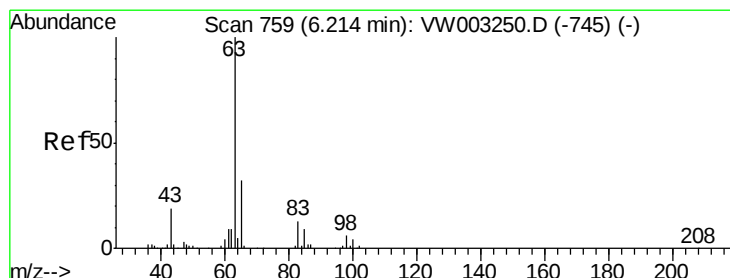
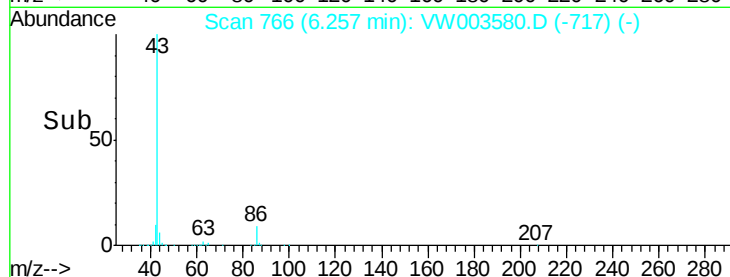
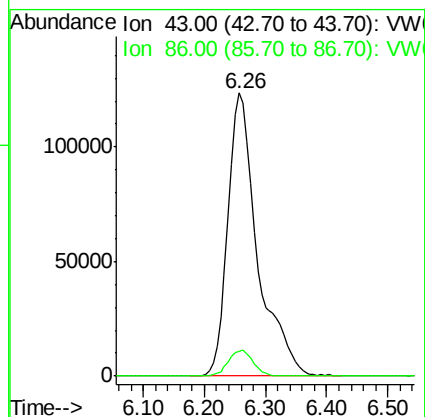
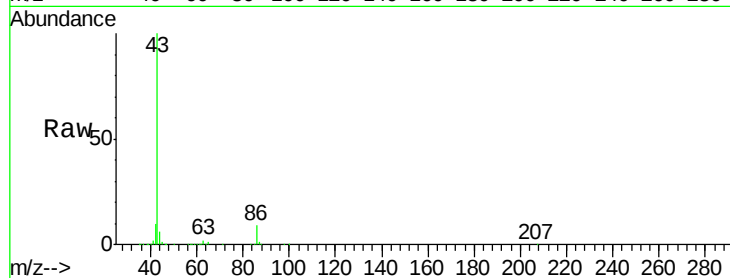
VW0627SBS01

Tgt Ion: 43 Resp: 414239

Ion Ratio Lower Upper

43 100

86 9.0 7.5 11.3



#24

1,1-Dichloroethane

Concen: 23.117 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

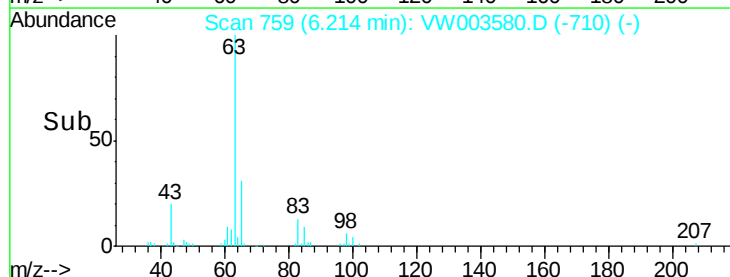
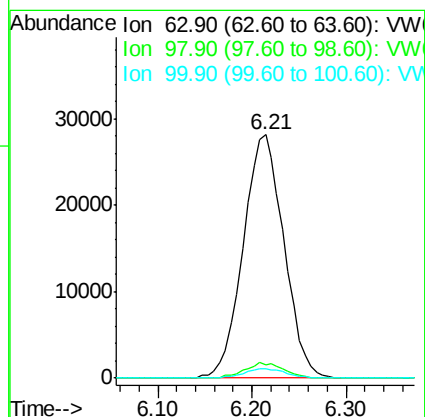
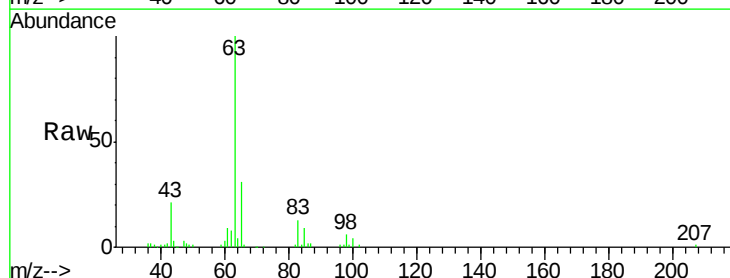
Tgt Ion: 63 Resp: 85089

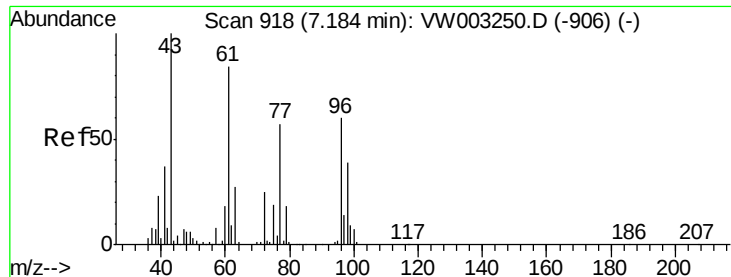
Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.3

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 120.983 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

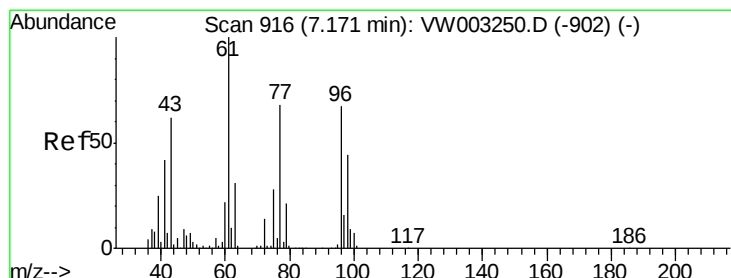
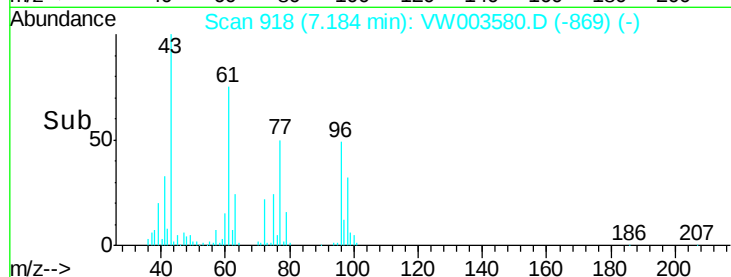
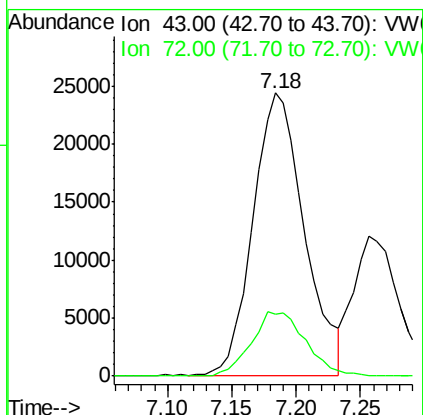
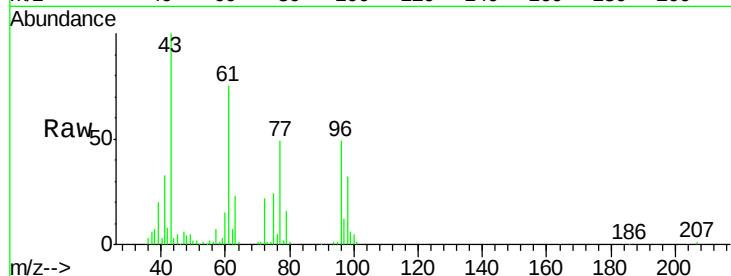
Instrument :
MSVOA_W
ClientSampled :
VW0627SBS01

Tgt Ion: 43 Resp: 67145

Ion Ratio Lower Upper

43 100

72 21.8 20.3 30.5



#26

2,2-Dichloropropane

Concen: 20.867 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003580.D

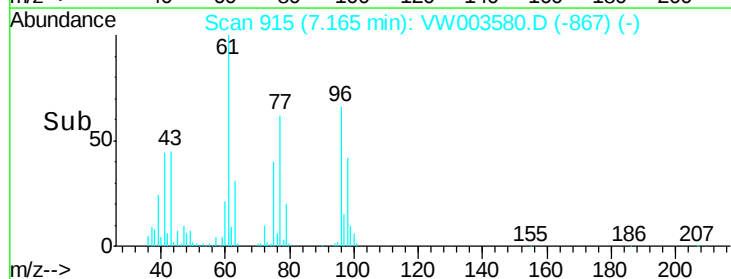
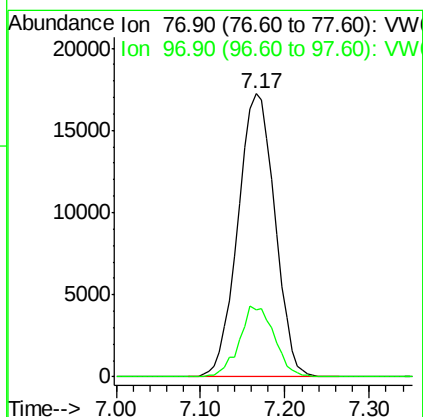
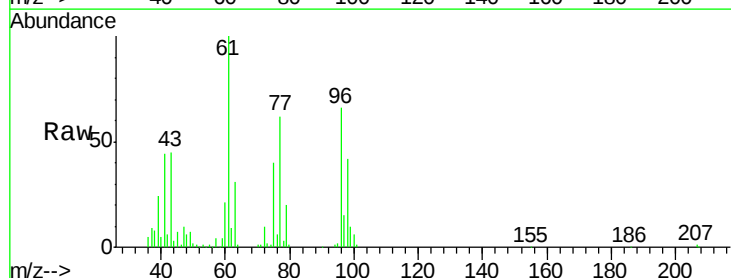
Acq: 26 Jun 2018 21:05

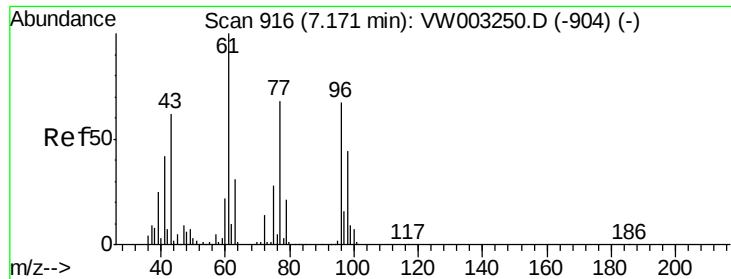
Tgt Ion: 77 Resp: 51260

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9

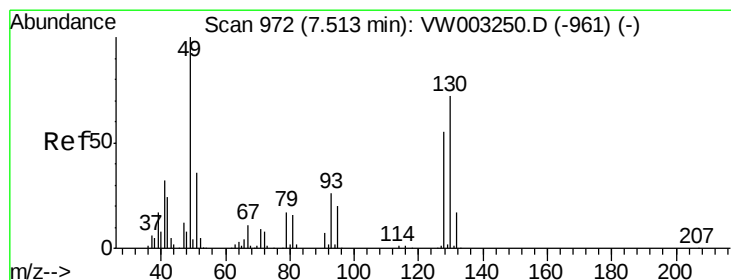
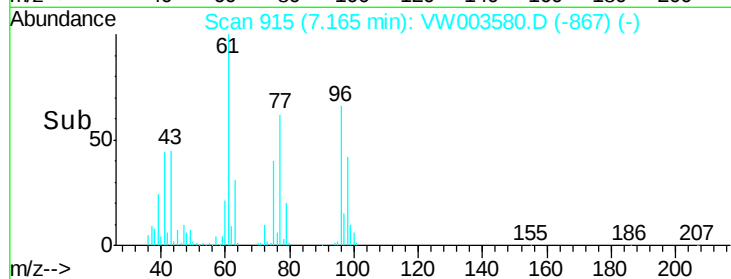
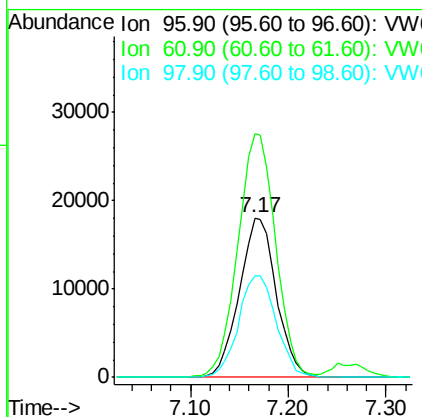
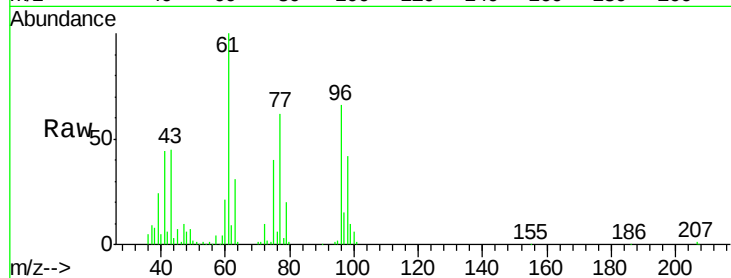




#27
 cis-1,2-Dichloroethene
 Concen: 22.120 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

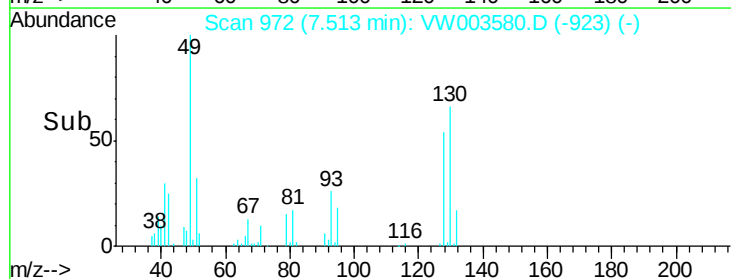
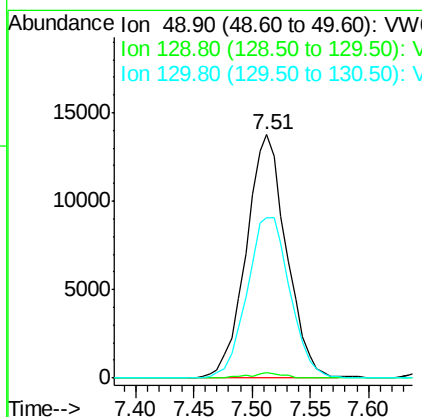
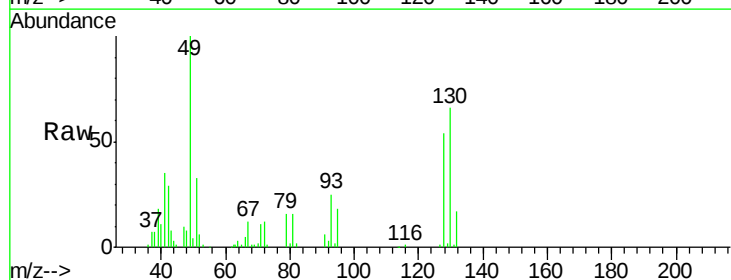
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

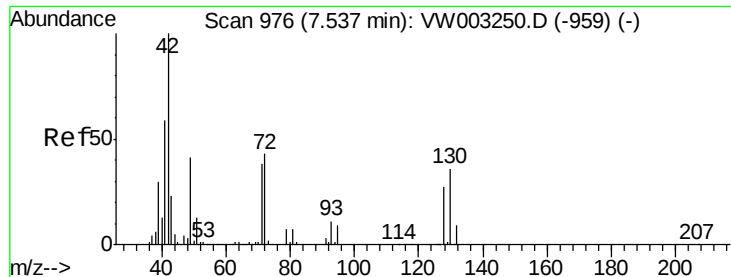
Tgt Ion: 96 Resp: 47035
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 298.8
 98 65.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.480 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 49 Resp: 32902
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 70.4 59.4 89.2

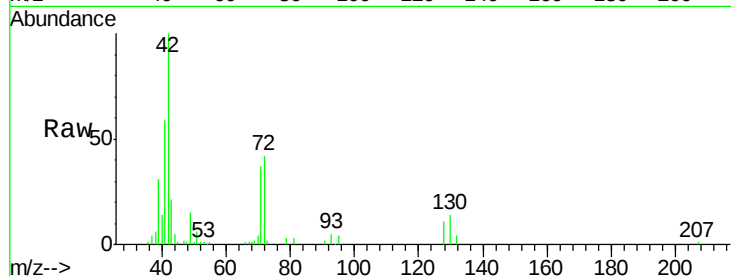




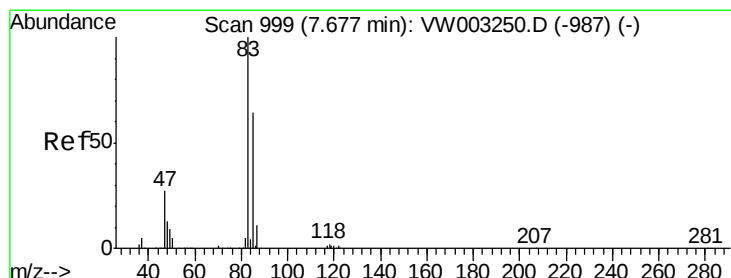
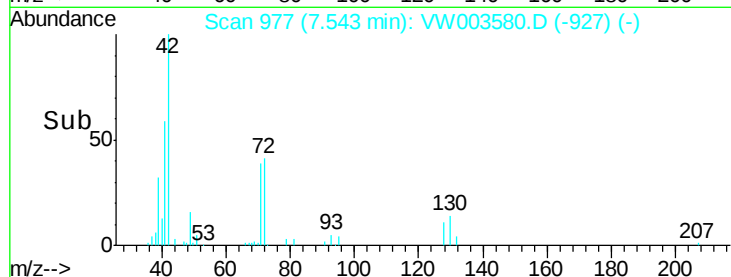
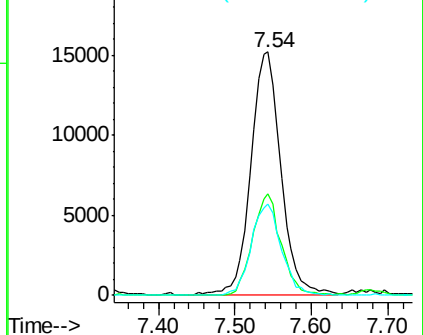
#29
Tetrahydrofuran
Concen: 123.434 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tgt Ion: 42 Resp: 41868
Ion Ratio Lower Upper
42 100
72 39.6 32.4 48.6
71 37.5 31.2 46.8

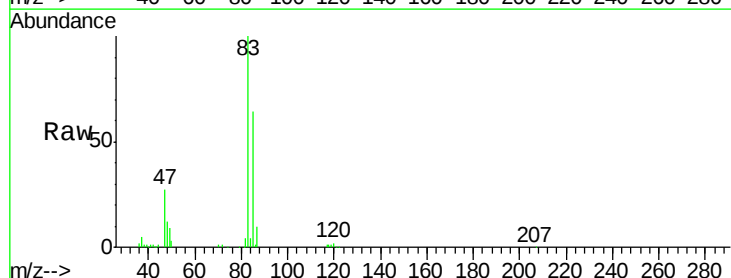


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

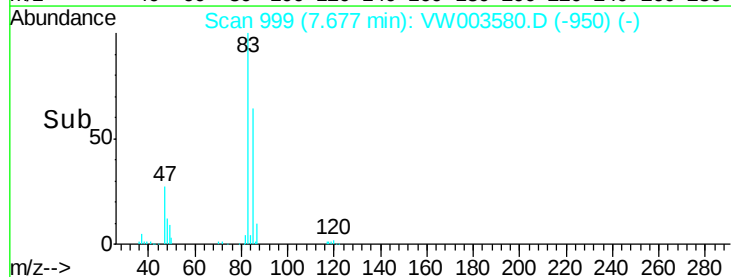
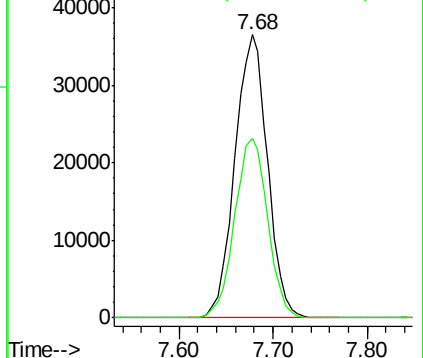


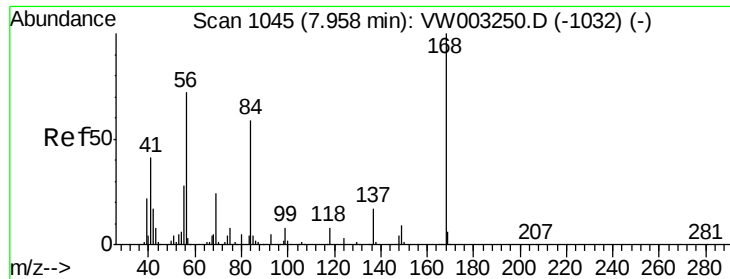
#30
Chloroform
Concen: 23.433 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 83 Resp: 87875
Ion Ratio Lower Upper
83 100
85 63.7 51.3 76.9



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

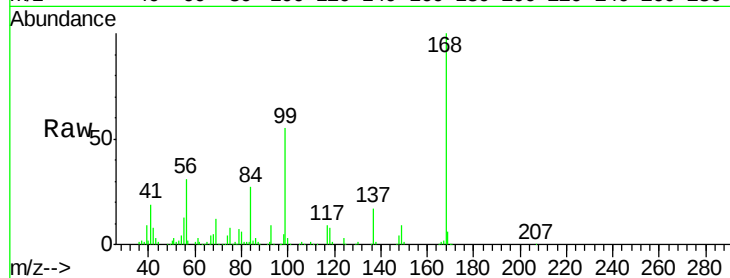




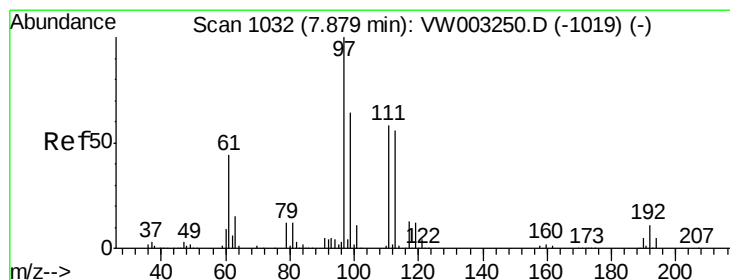
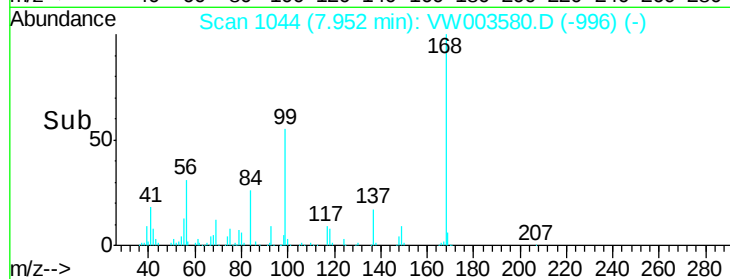
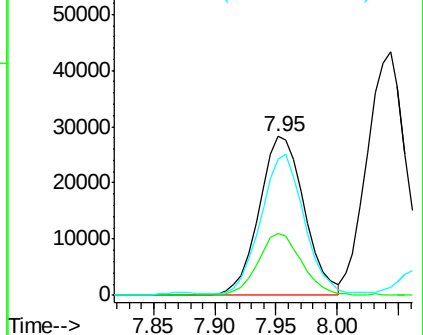
#31
Cyclohexane
Concen: 21.194 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tgt Ion: 56 Resp: 72881
Ion Ratio Lower Upper
56 100
69 39.2 26.3 39.5
84 83.5 65.7 98.5

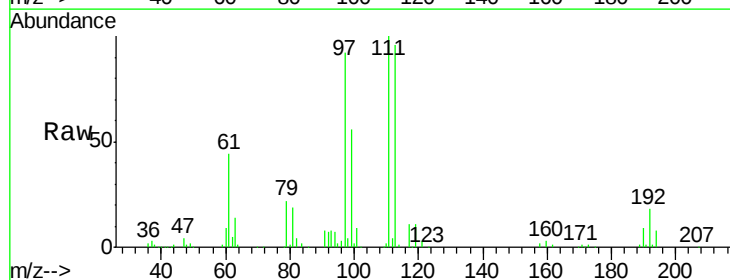


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

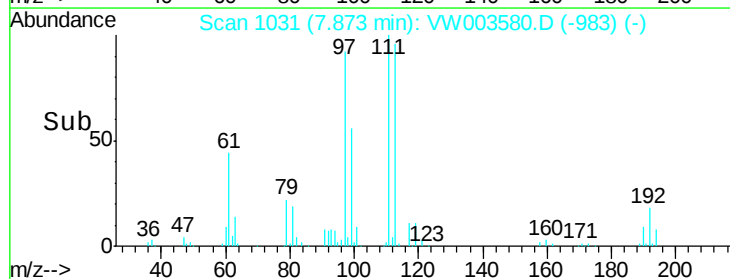
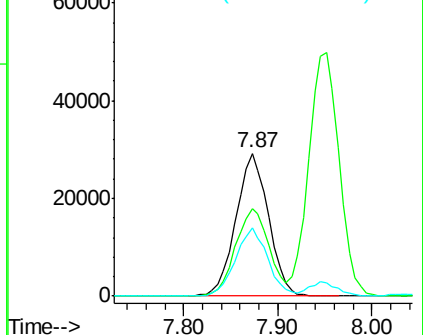


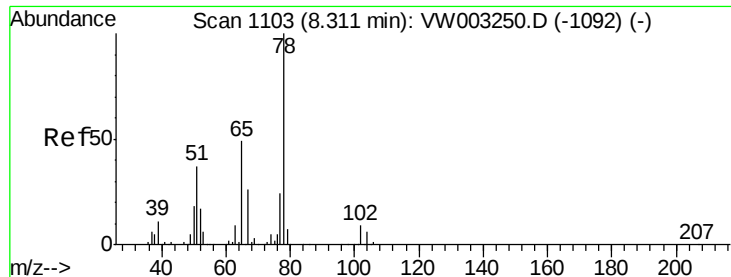
#32
1,1,1-Trichloroethane
Concen: 22.804 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 97 Resp: 70587
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 47.3 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: 56.447 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

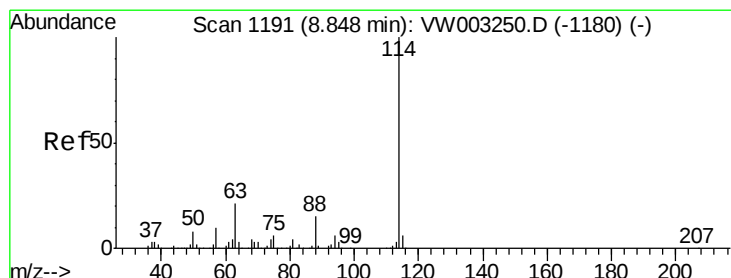
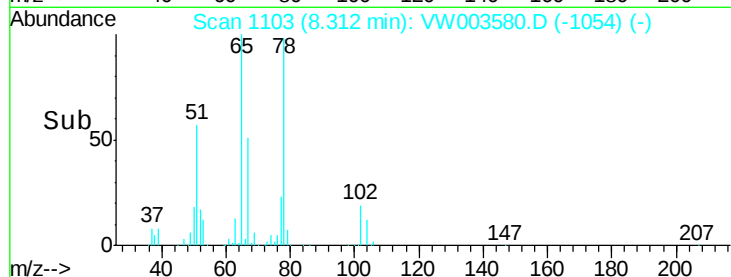
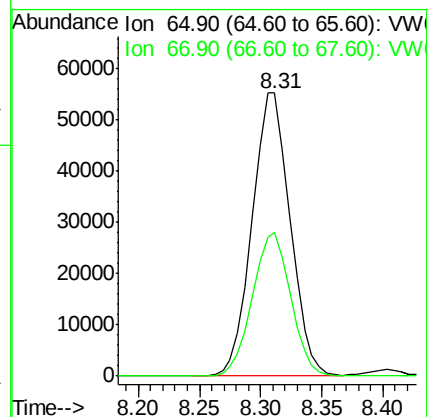
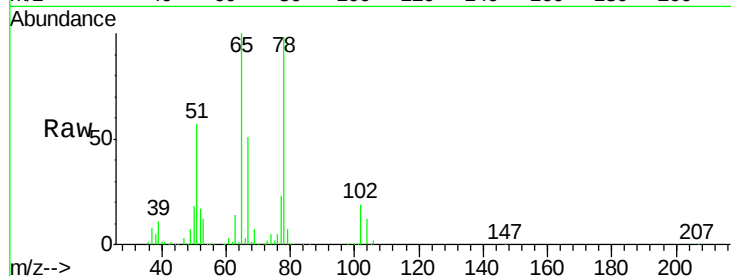
VW0627SBS01

Tgt Ion: 65 Resp: 120125

Ion Ratio Lower Upper

65 100

67 51.0 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: VW003580.D

Acq: 26 Jun 2018 21:05

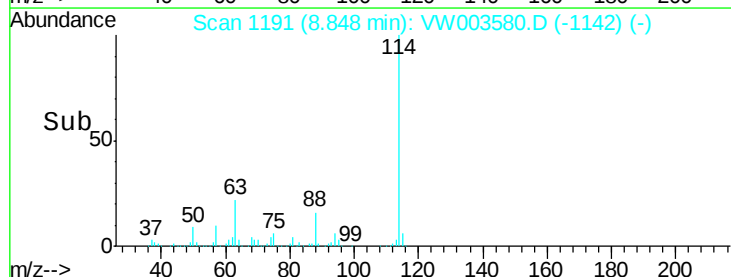
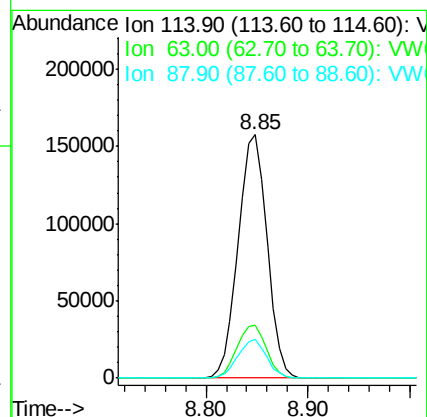
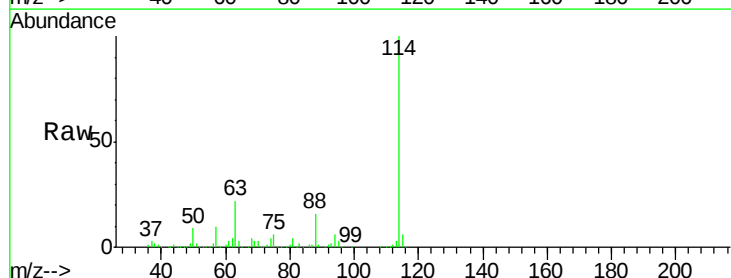
Tgt Ion: 114 Resp: 309610

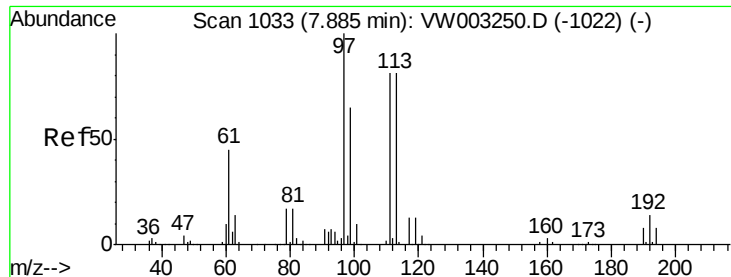
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

88 15.8 0.0 29.6

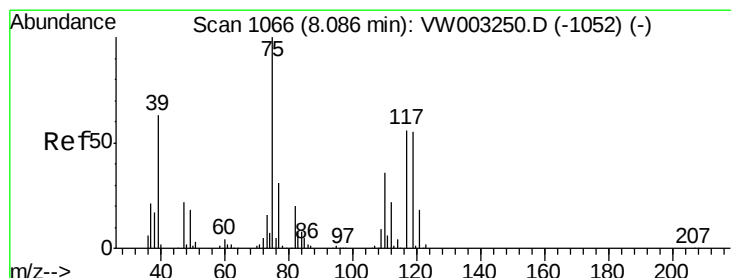
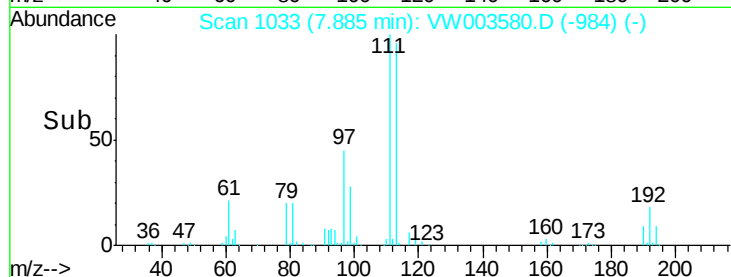
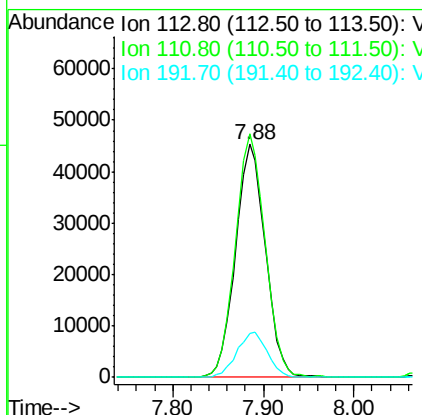
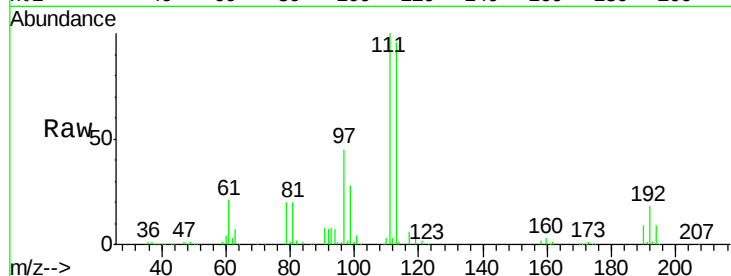




#35
 Dibromofluoromethane
 Concen: 53.634 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

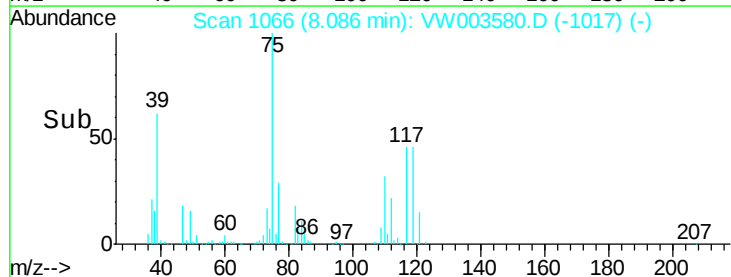
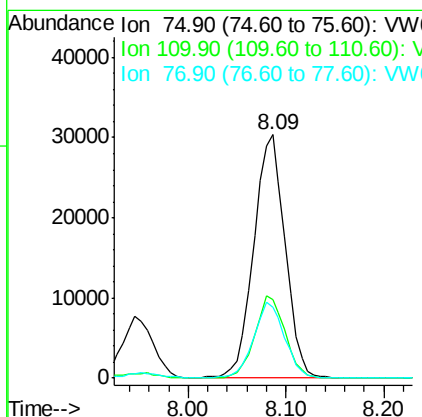
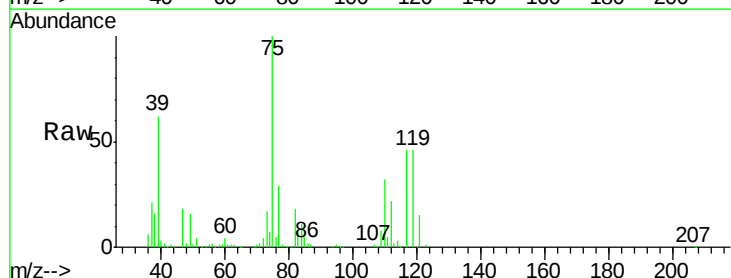
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

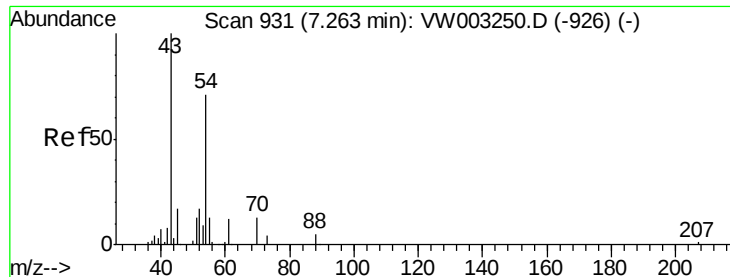
Tgt Ion: 113 Resp: 103183
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.2 123.2
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 22.614 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 75 Resp: 67616
 Ion Ratio Lower Upper
 75 100
 110 32.5 17.1 51.3
 77 30.8 24.9 37.3

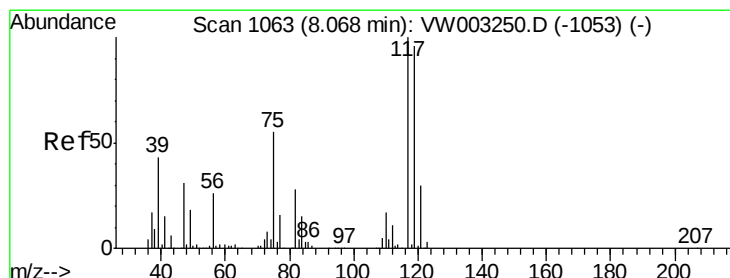
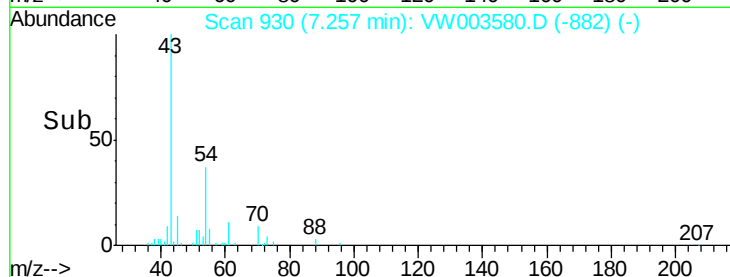
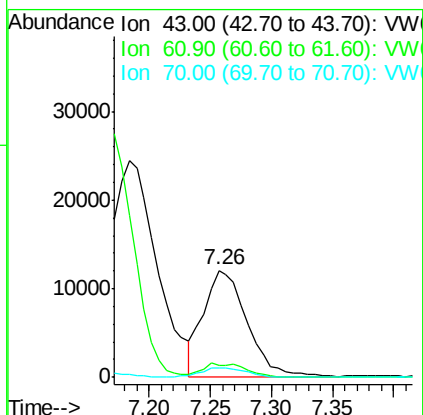
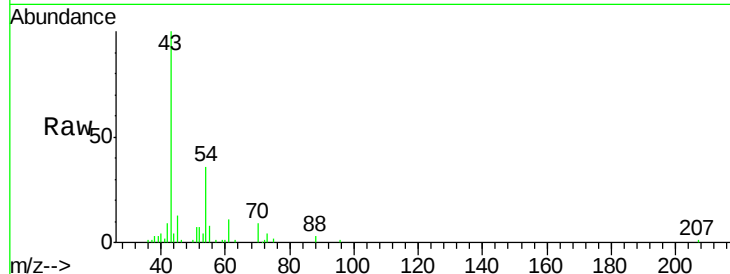




#37
Ethyl Acetate
Concen: 23.940 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

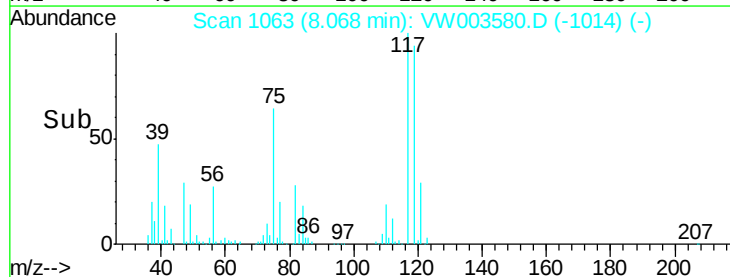
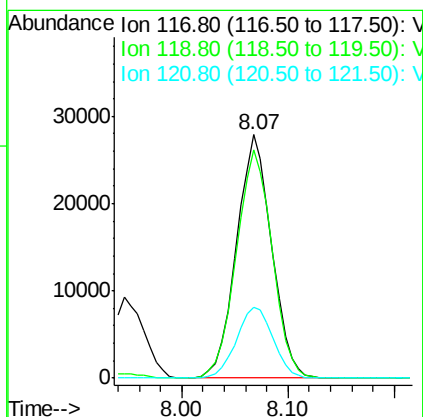
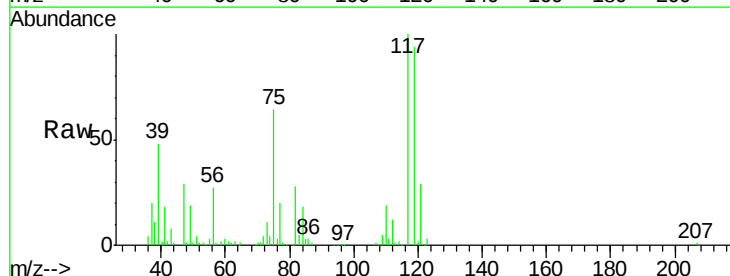
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

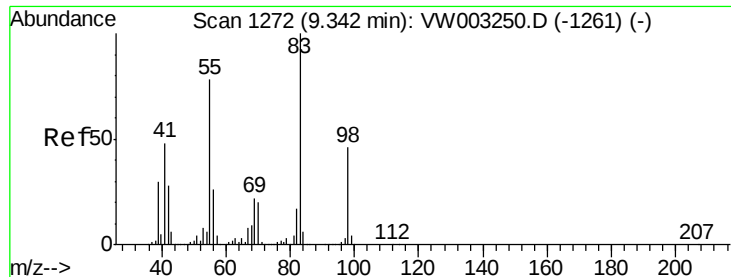
Tgt Ion: 43 Resp: 29654
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 9.6 7.8 11.6



#38
Carbon Tetrachloride
Concen: 22.023 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 117 Resp: 64592
Ion Ratio Lower Upper
117 100
119 93.6 76.6 115.0
121 29.1 23.9 35.9

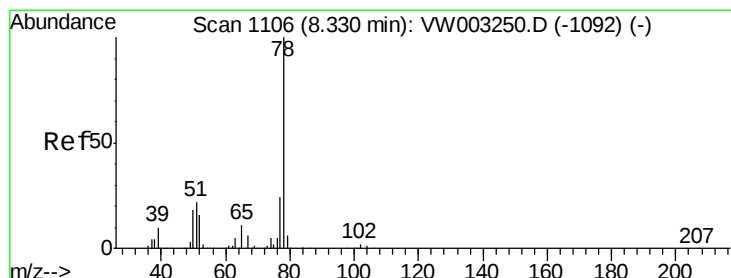
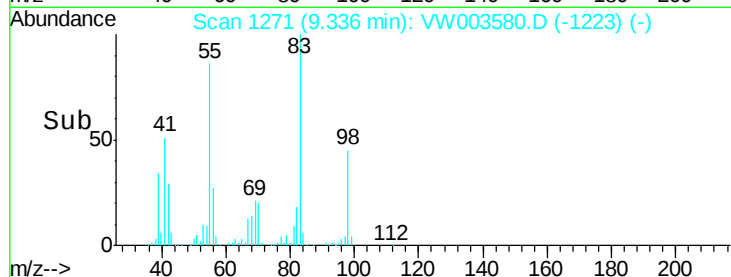
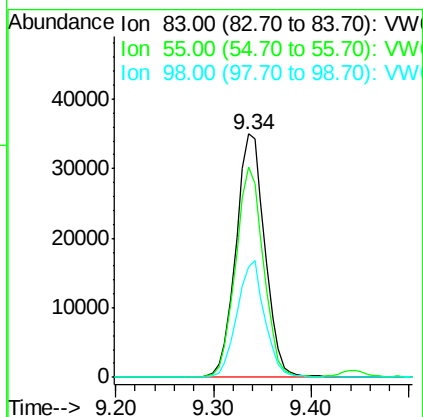
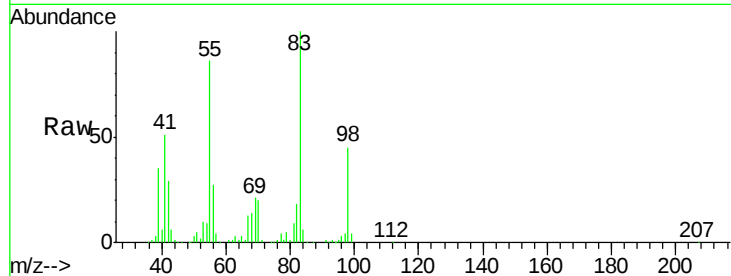




#39
Methylcyclohexane
Concen: 20.820 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

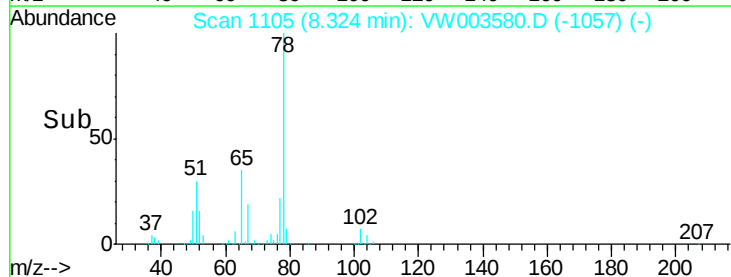
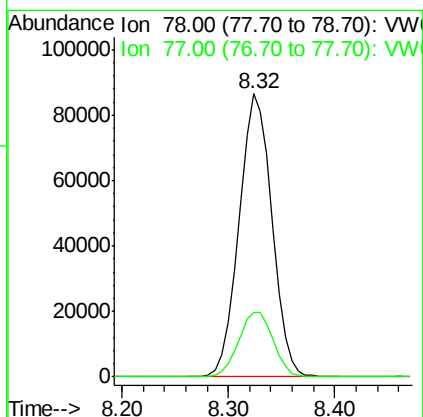
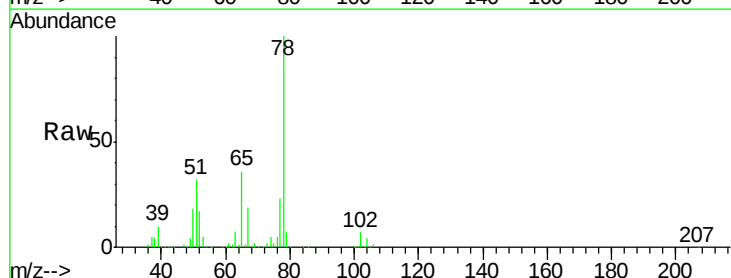
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tgt Ion: 83 Resp: 72030
Ion Ratio Lower Upper
83 100
55 86.3 62.6 93.8
98 45.4 37.0 55.4



#40
Benzene
Concen: 22.832 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 78 Resp: 188174
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6

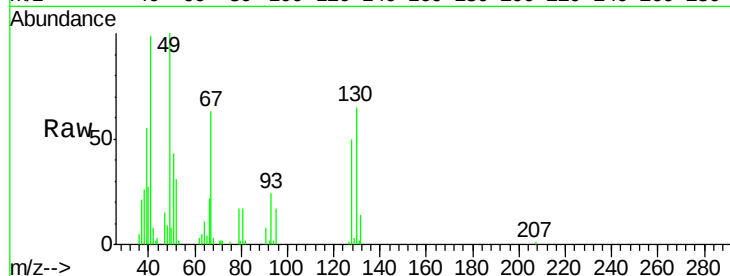




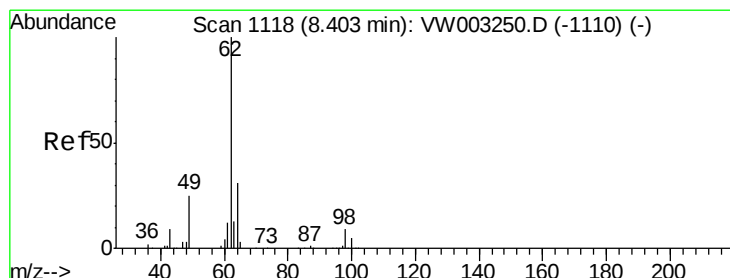
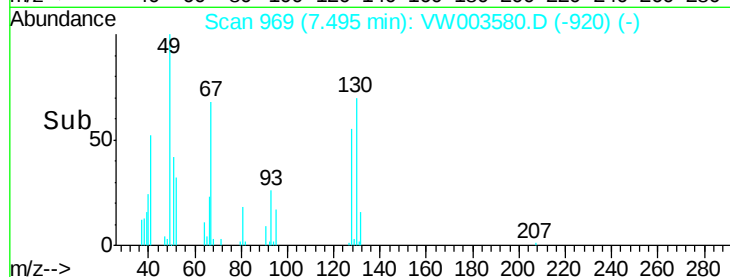
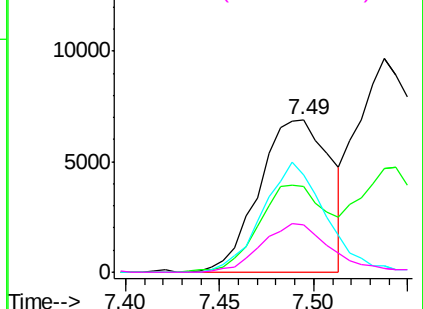
#41
Methacrylonitrile
Concen: 23.860 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tgt Ion:	41	Resp:	18137
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.8	68.8
67	64.1	52.3	78.5
52	31.5	24.1	36.1

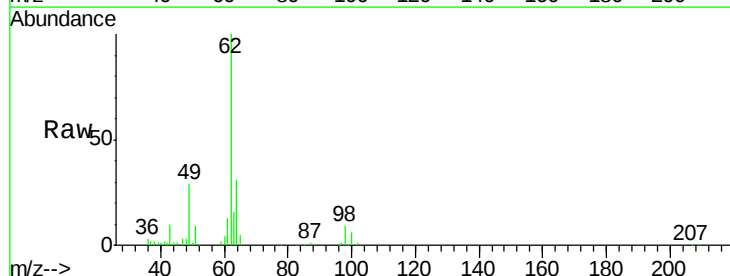


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

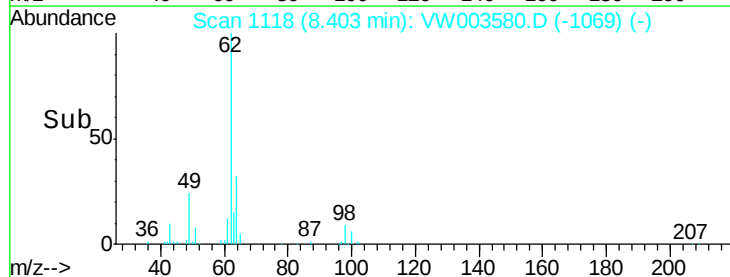
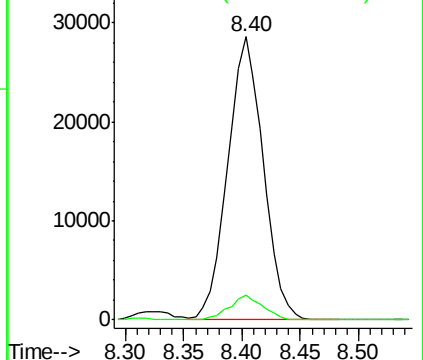


#42
1,2-Dichloroethane
Concen: 23.496 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion:	62	Resp:	60671
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2



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

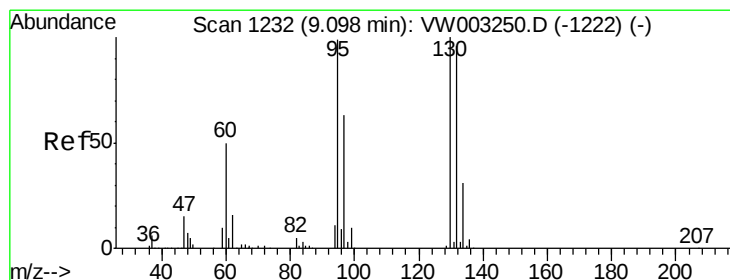
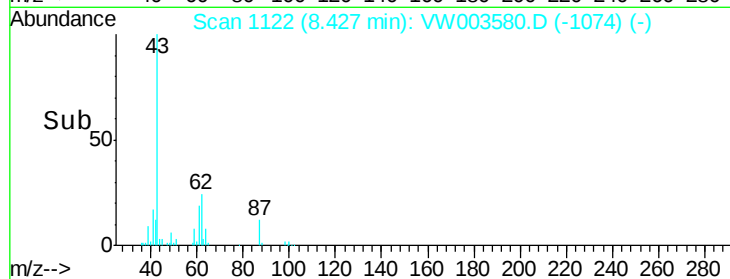
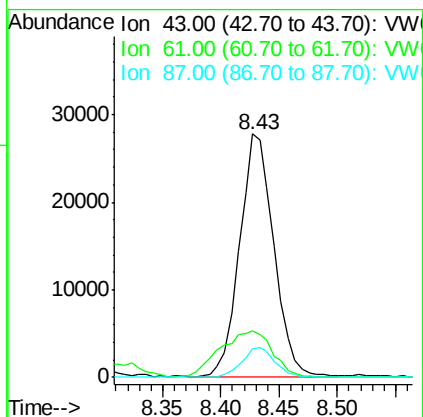
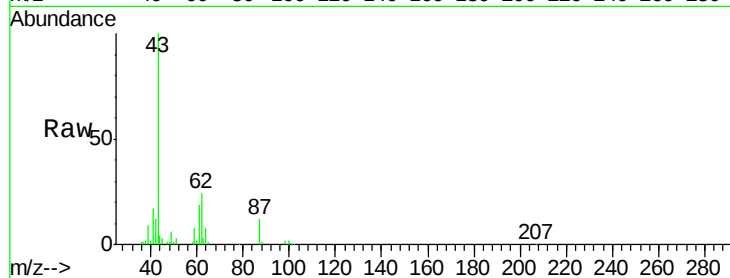




#43
Isopropyl Acetate
Concen: 23.062 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

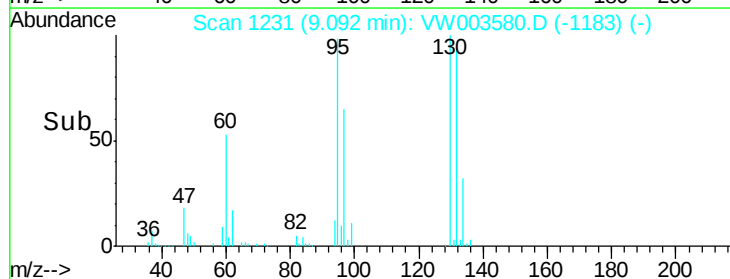
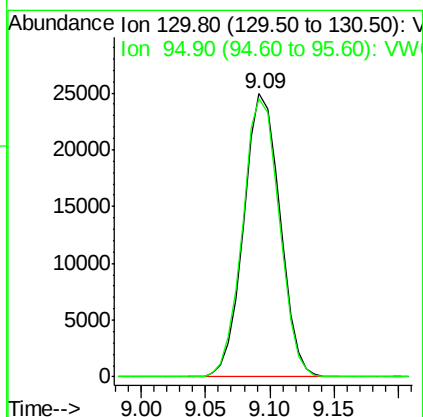
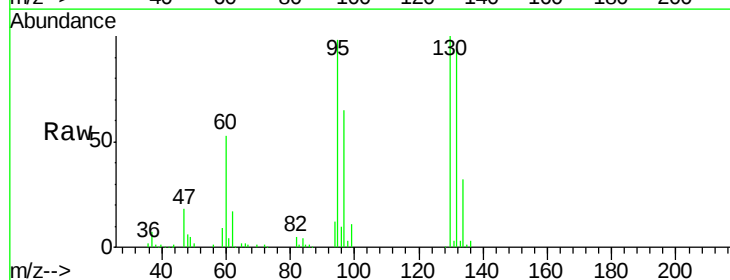
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tgt Ion: 43 Resp: 56724
Ion Ratio Lower Upper
43 100
61 29.5 23.1 34.7
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 22.239 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 130 Resp: 48567
Ion Ratio Lower Upper
130 100
95 98.3 0.0 198.0

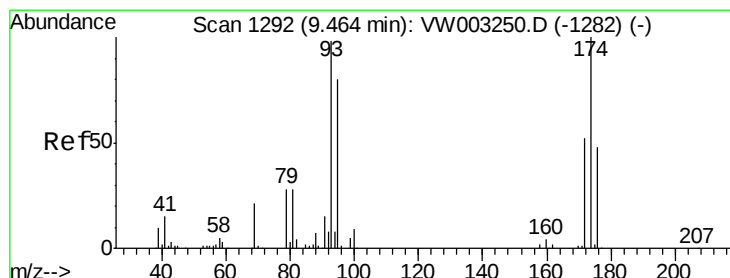
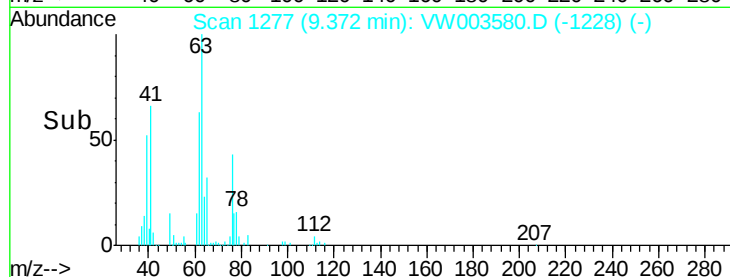
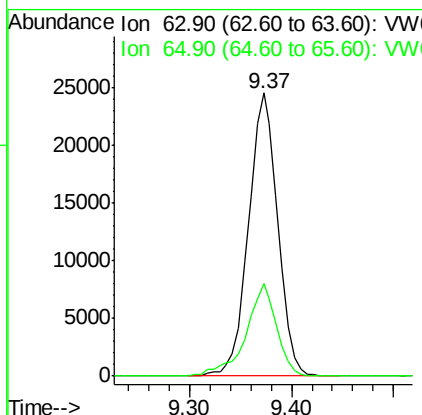
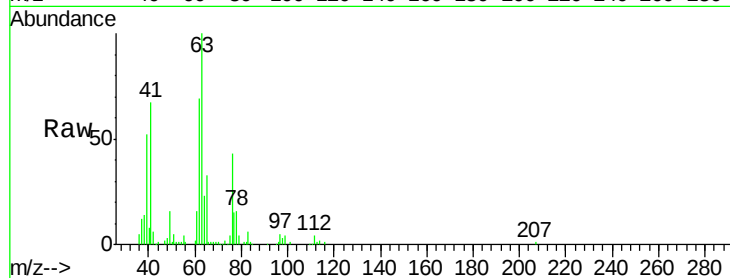




#45
 1,2-Dichloropropane
 Concen: 23.316 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

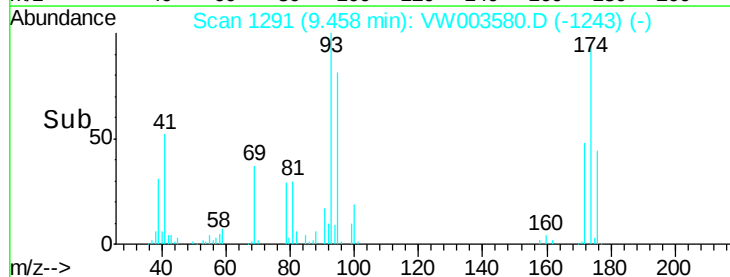
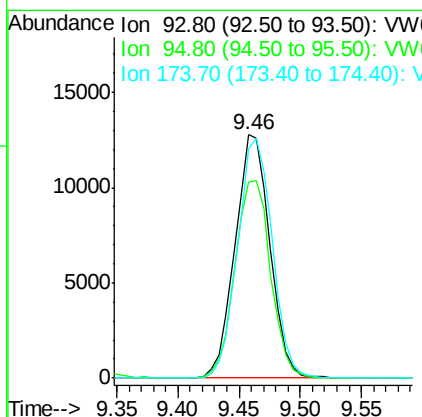
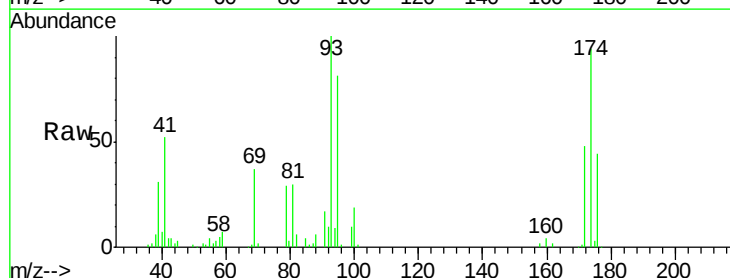
Instrument :
 MSVOA_W
 ClientSampled :
 VW0627SBS01

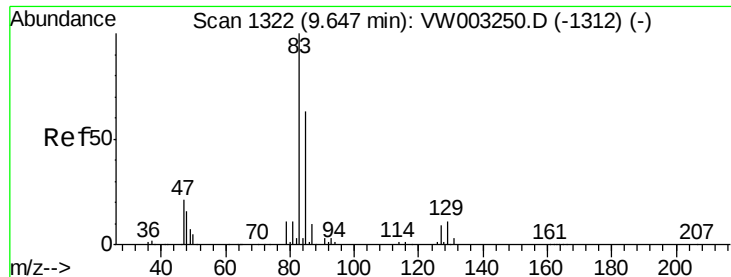
Tgt Ion: 63 Resp: 48929
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.1 37.7



#46
 Dibromomethane
 Concen: 23.416 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 93 Resp: 25158
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.8
 174 98.5 81.4 122.0





#47

Bromodichloromethane

Concen: 22.873 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

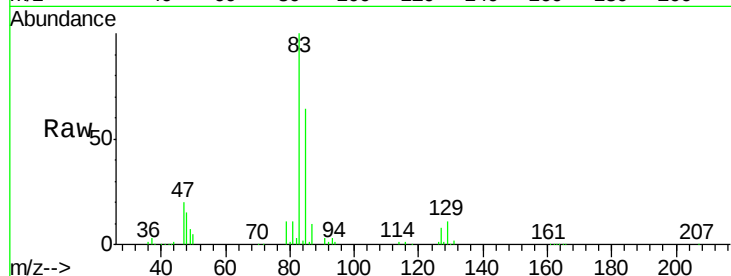
Tgt Ion: 83 Resp: 62992

Ion Ratio Lower Upper

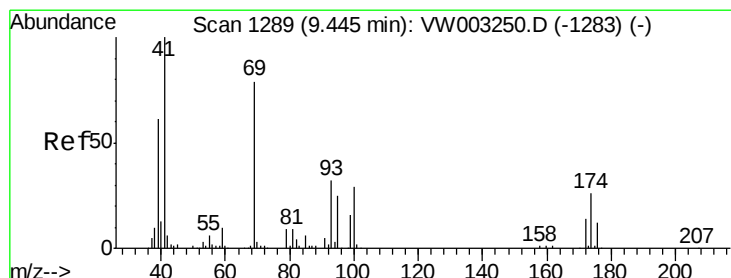
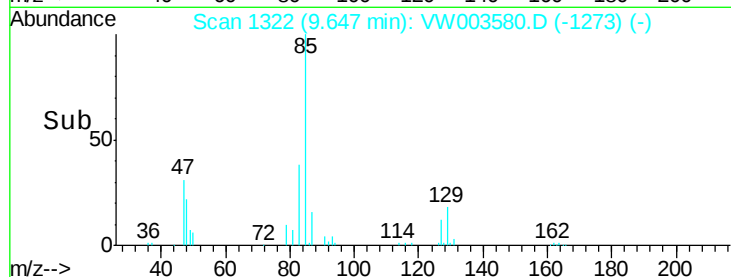
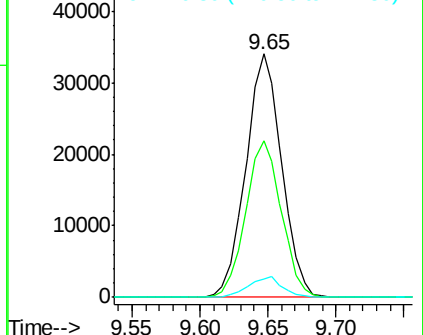
83 100

85 64.1 50.6 75.8

127 7.8 6.8 10.2



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



#48

Methyl methacrylate

Concen: 23.893 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

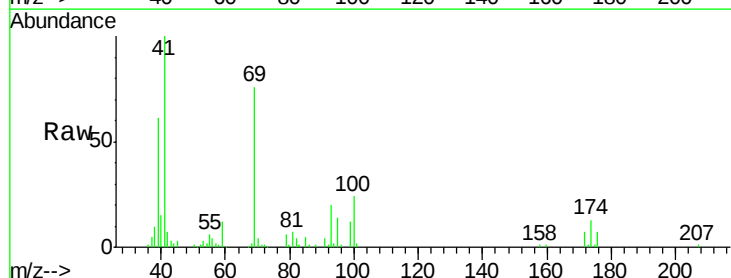
Tgt Ion: 41 Resp: 27618

Ion Ratio Lower Upper

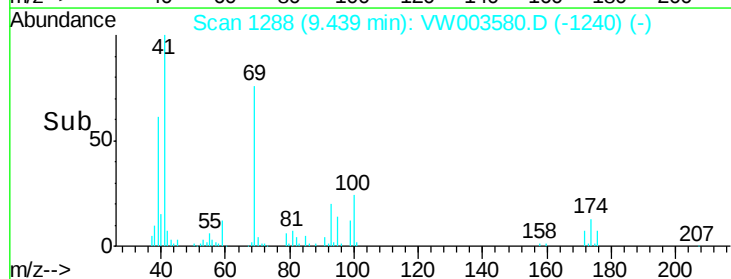
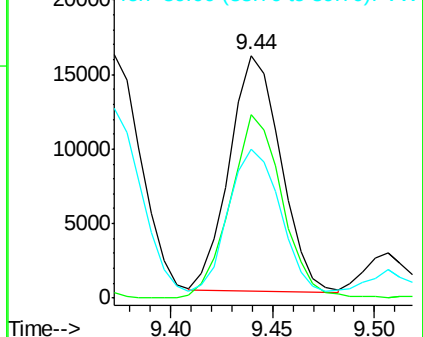
41 100

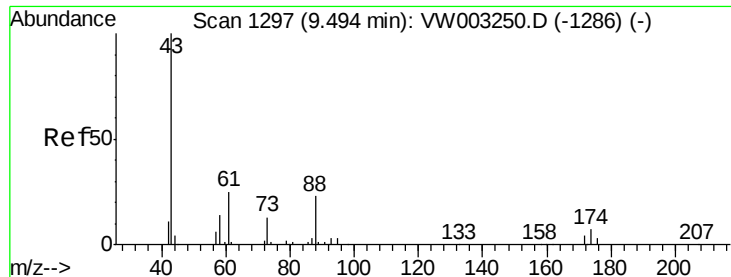
69 78.8 65.4 98.2

39 65.5 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

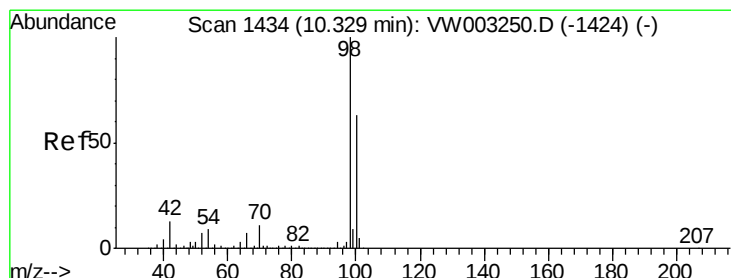
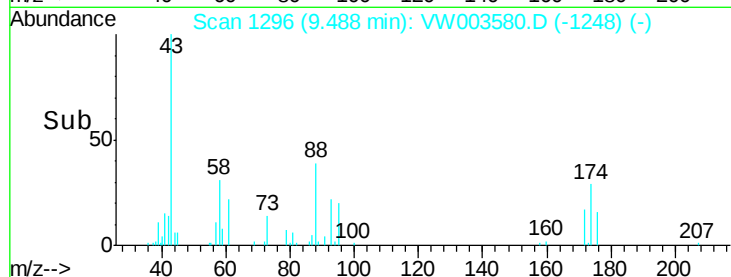
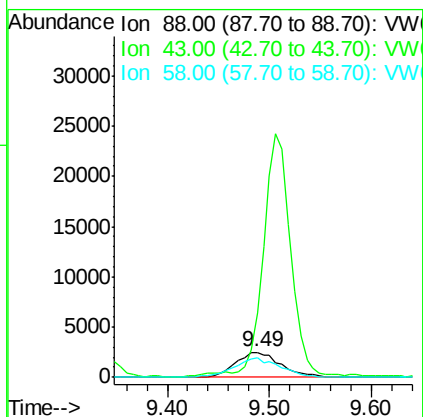
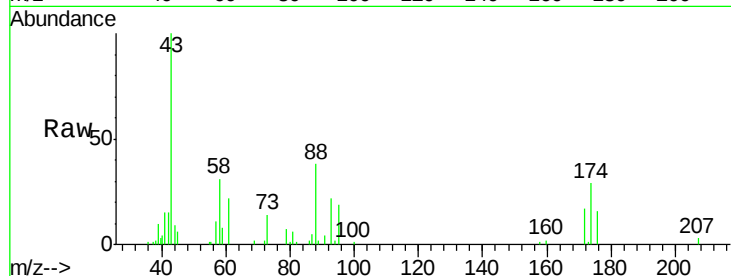




#49
1,4-Dioxane
Concen: 464.804 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

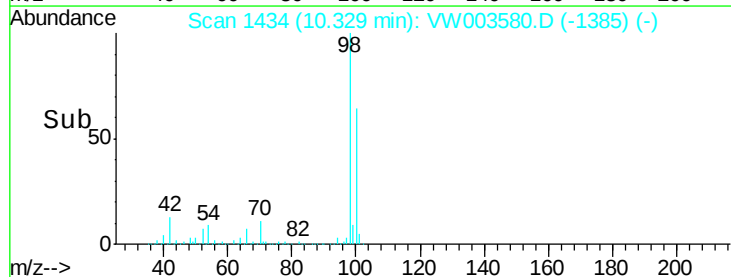
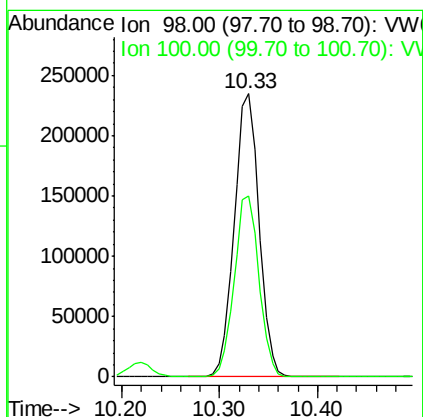
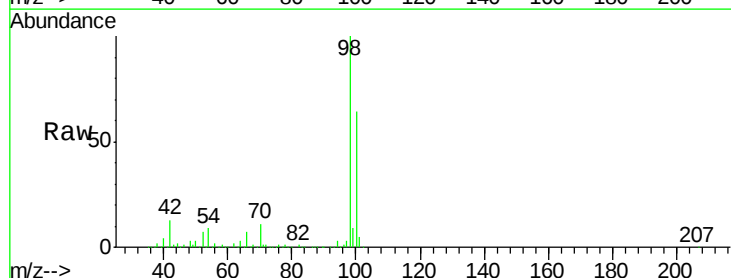
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

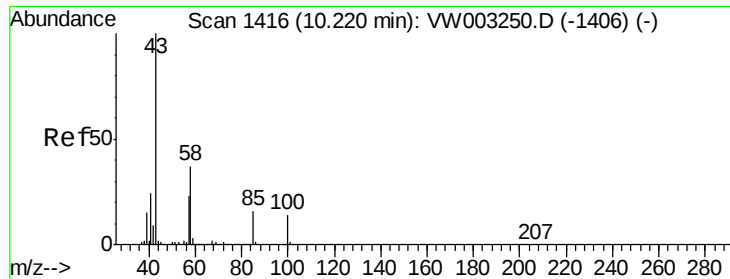
Tgt Ion: 88 Resp: 7540
Ion Ratio Lower Upper
88 100
43 609.6 454.7 682.1
58 79.2 58.6 88.0



#50
Toluene-d8
Concen: 54.233 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 98 Resp: 413709
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2

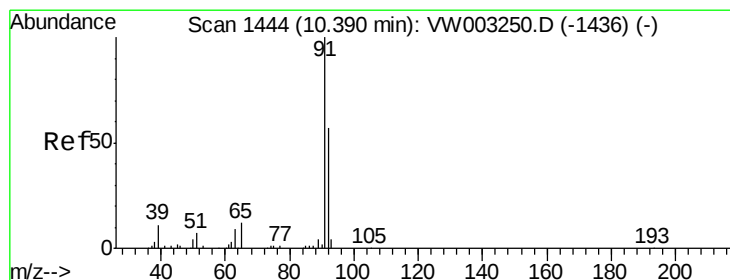
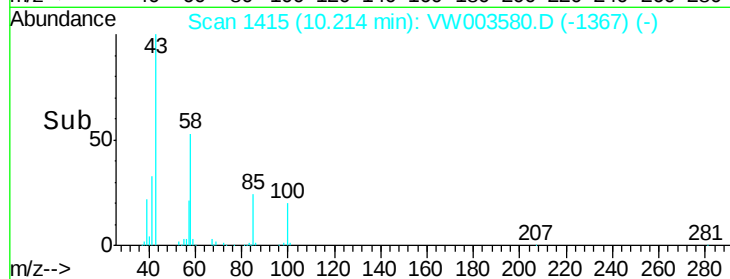
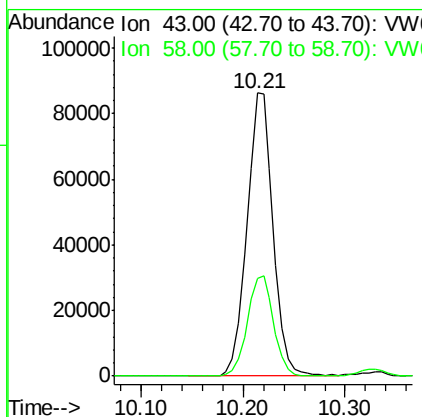
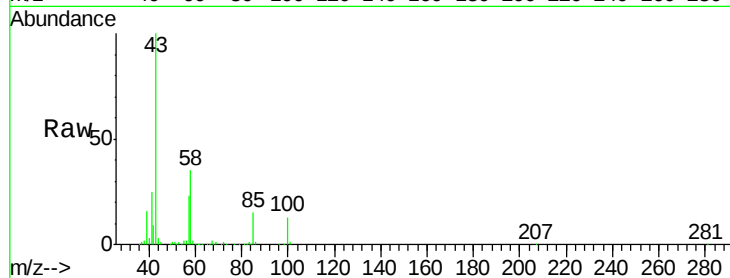




#51
 4-Methyl-2-Pentanone
 Concen: 122.212 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

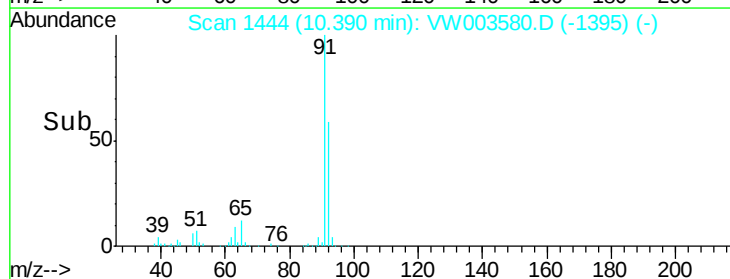
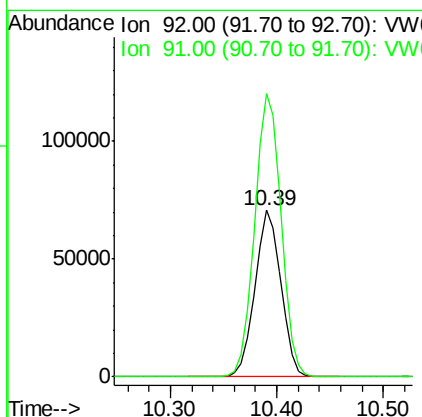
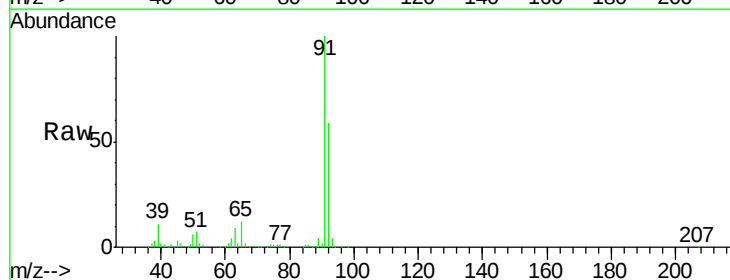
Instrument :
 MSVOA_W
 ClientSampled :
 VW0627SBS01

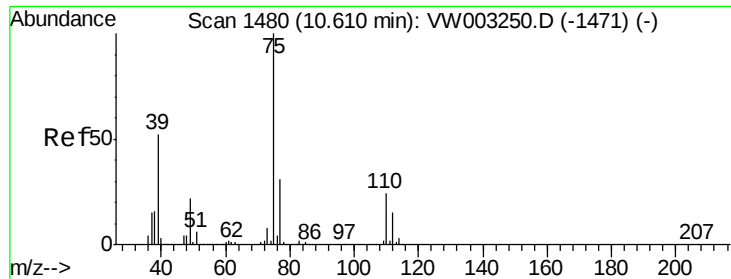
Tgt Ion: 43 Resp: 153167
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.0 43.4



#52
 Toluene
 Concen: 22.931 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 92 Resp: 121196
 Ion Ratio Lower Upper
 92 100
 91 173.0 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 21.900 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

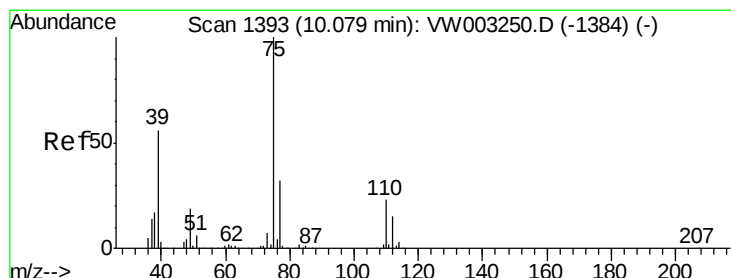
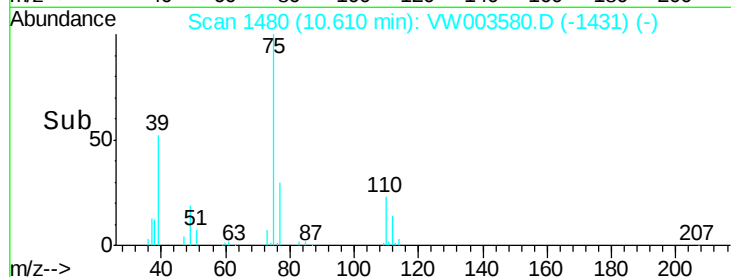
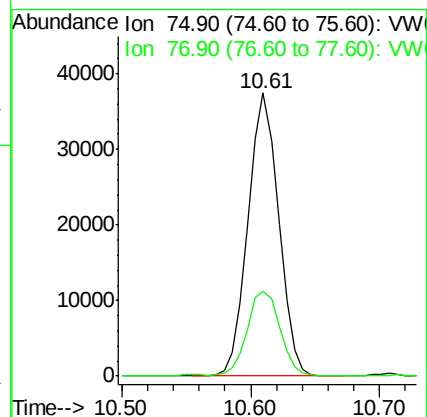
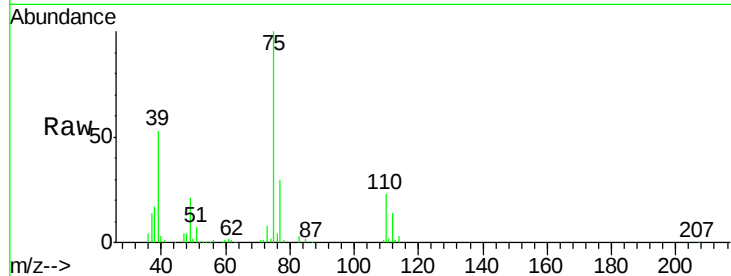
VW0627SBS01

Tgt Ion: 75 Resp: 61609

Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 22.000 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

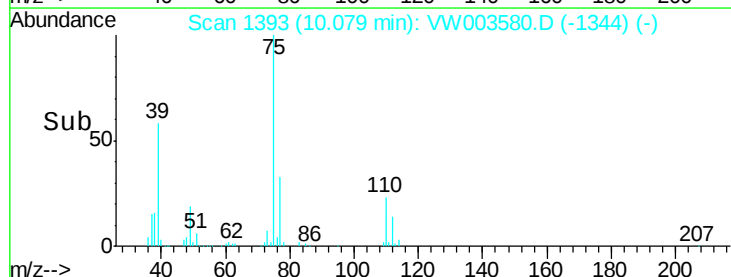
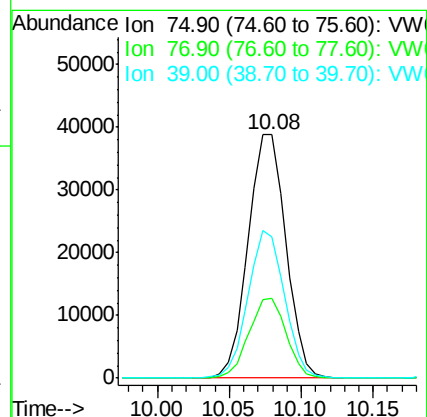
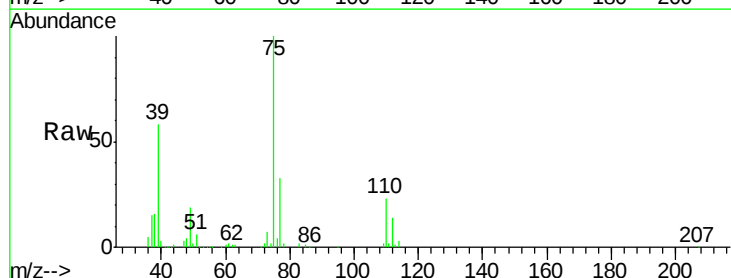
Tgt Ion: 75 Resp: 70440

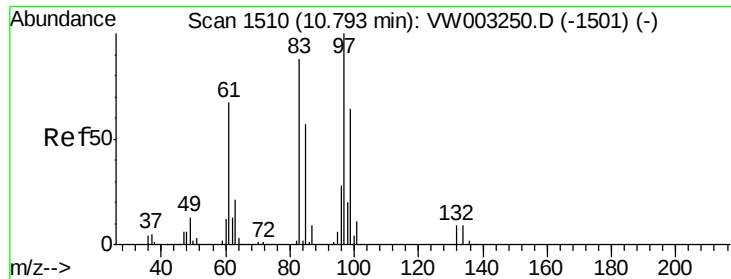
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

39 57.9 45.2 67.8

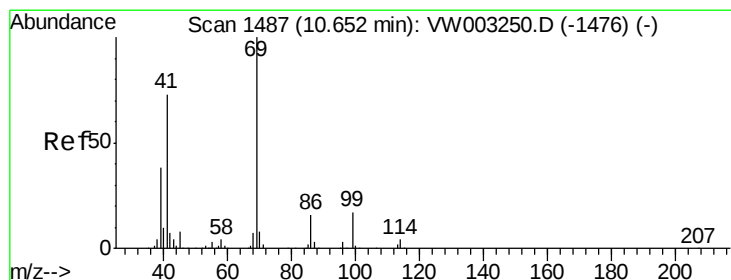
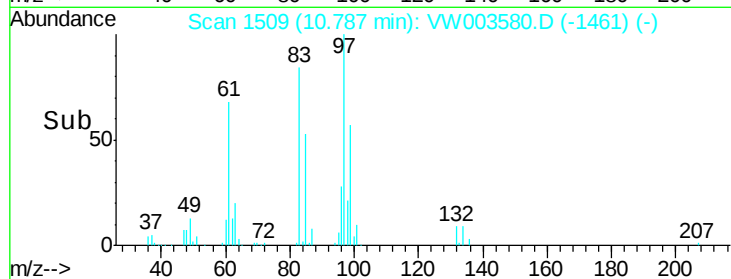
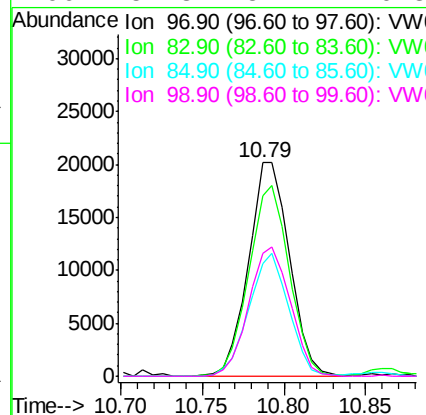
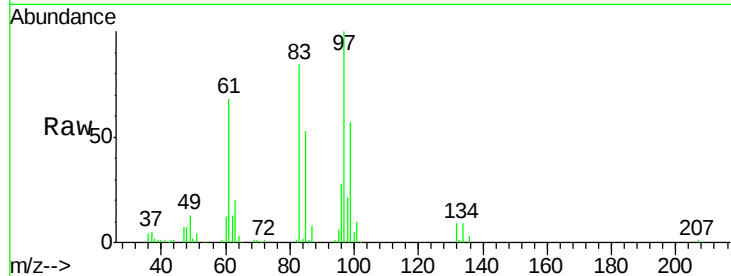




#55
 1,1,2-Trichloroethane
 Concen: 23.369 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

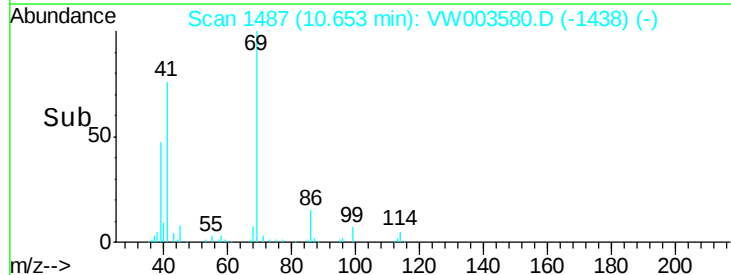
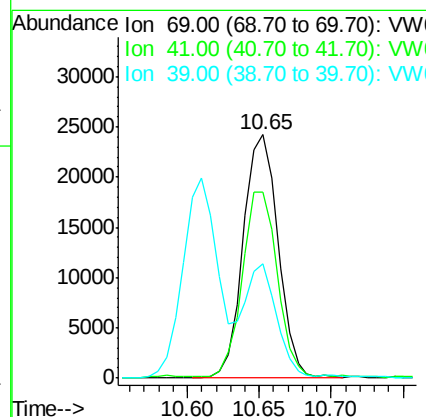
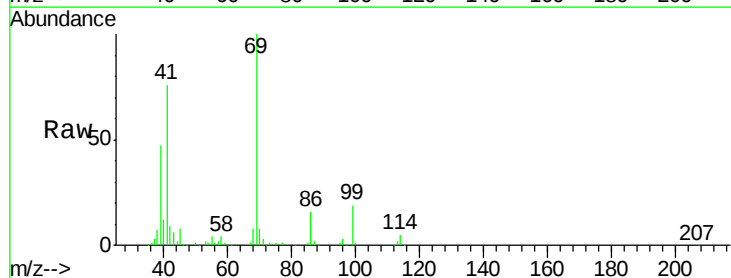
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

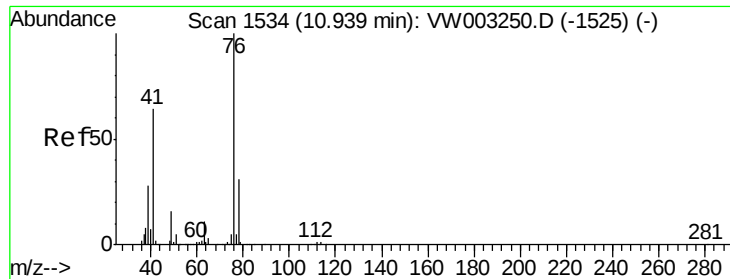
Tgt Ion:	97	Resp:	35379
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	52.8	45.6	68.4
99	57.3	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 22.185 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion:	69	Resp:	40786
Ion	Ratio	Lower	Upper
69	100		
41	76.6	57.8	86.6
39	40.9	32.7	49.1

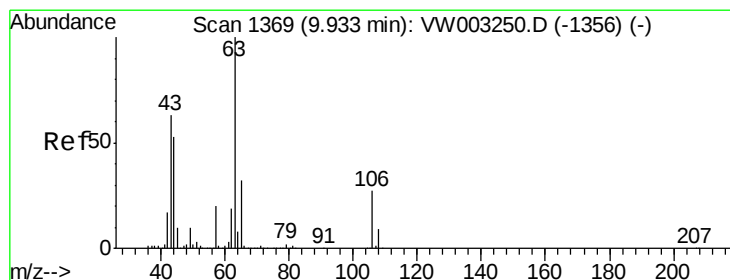
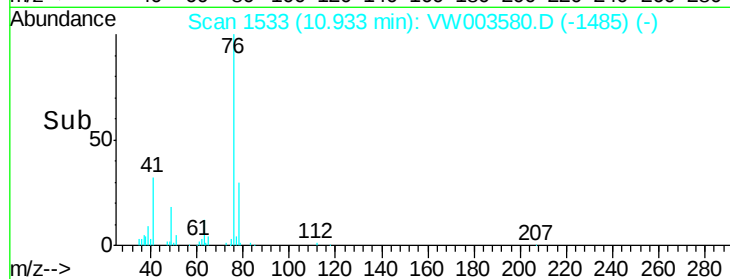
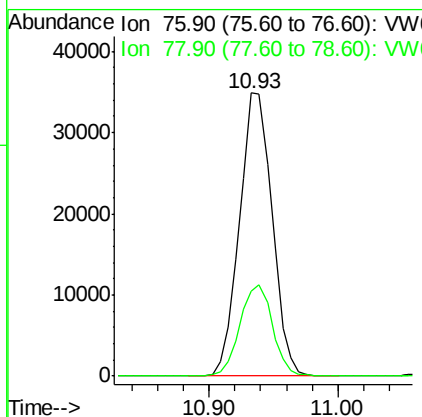
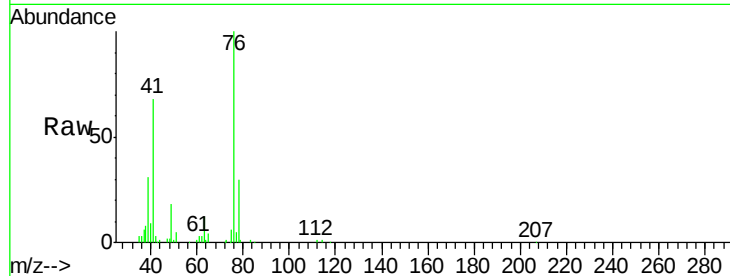




#57
 1,3-Dichloropropane
 Concen: 23.443 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

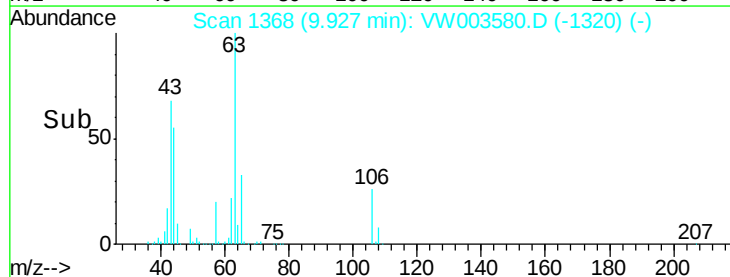
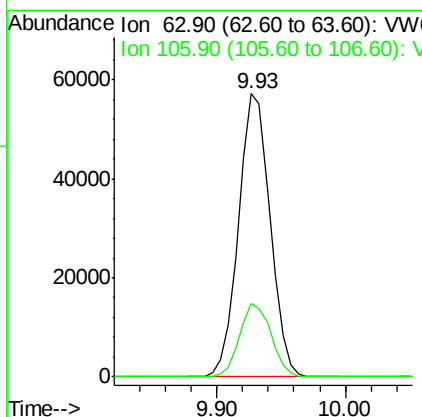
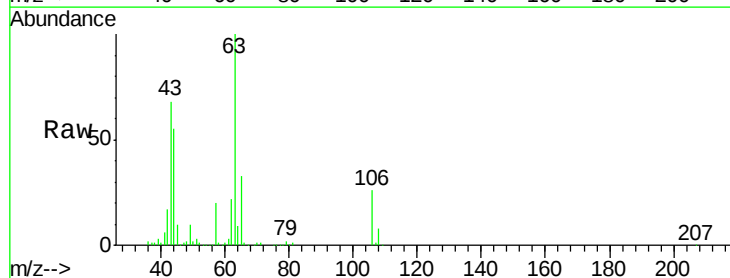
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

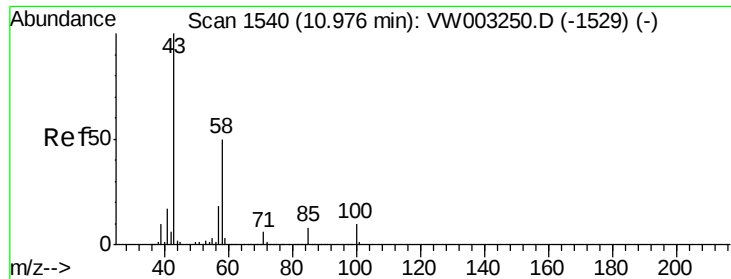
Tgt Ion: 76 Resp: 61212
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.592 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 63 Resp: 96911
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.8 32.8

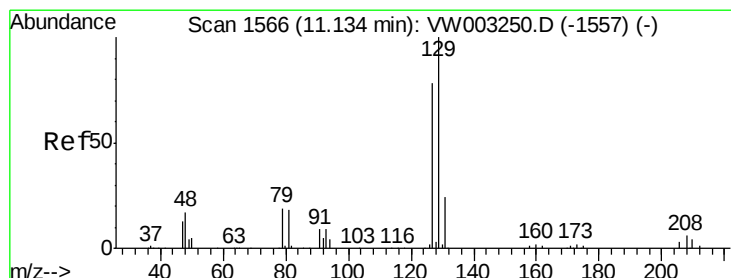
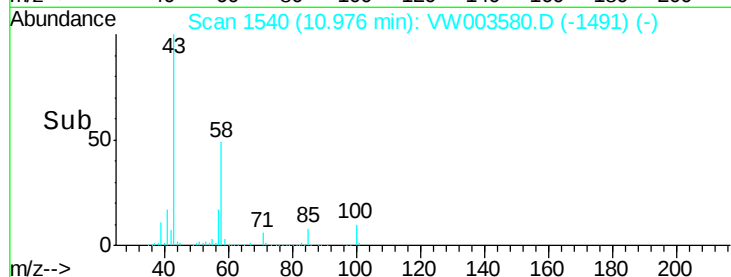
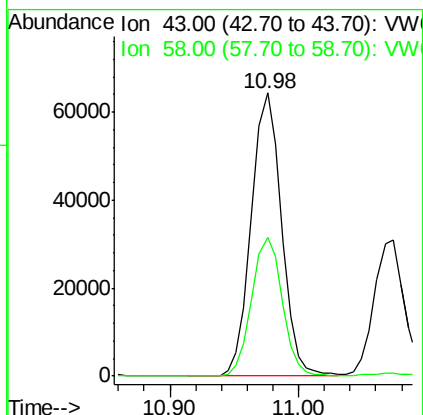
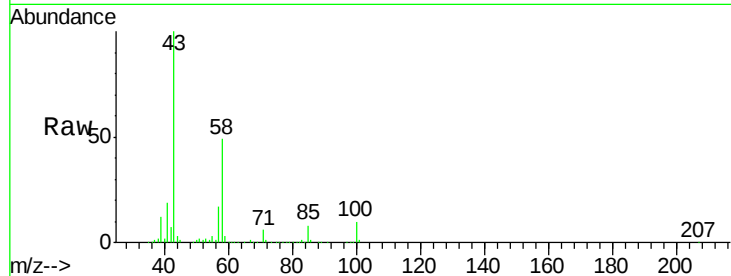




#59
2-Hexanone
Concen: 119.403 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

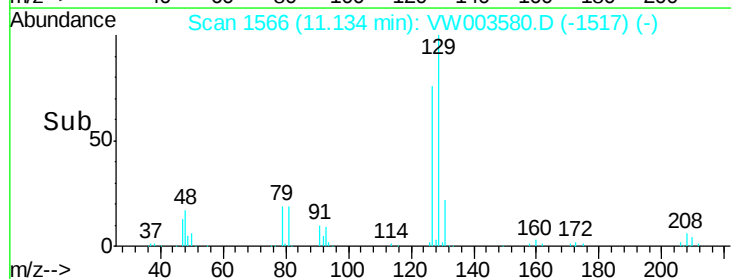
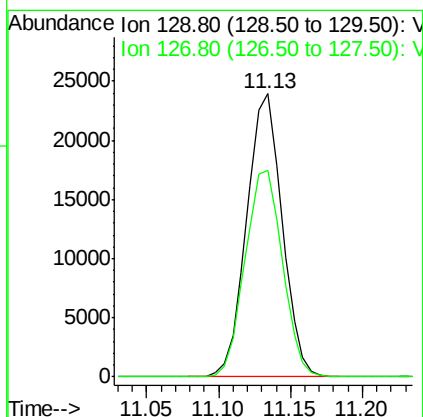
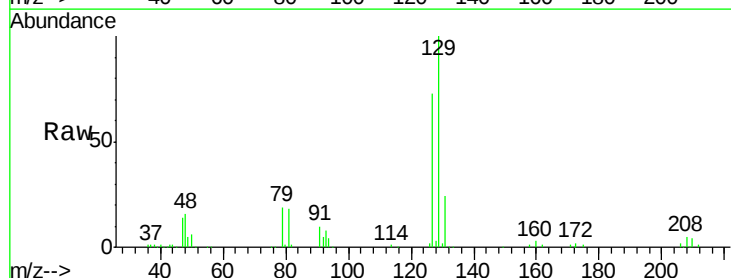
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

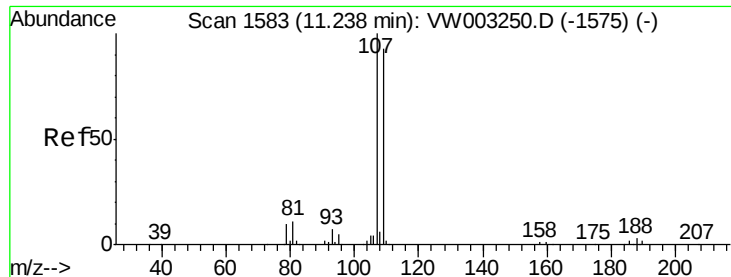
Tgt Ion: 43 Resp: 104542
Ion Ratio Lower Upper
43 100
58 49.5 25.0 75.0



#60
Dibromochloromethane
Concen: 22.656 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 129 Resp: 40790
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.5

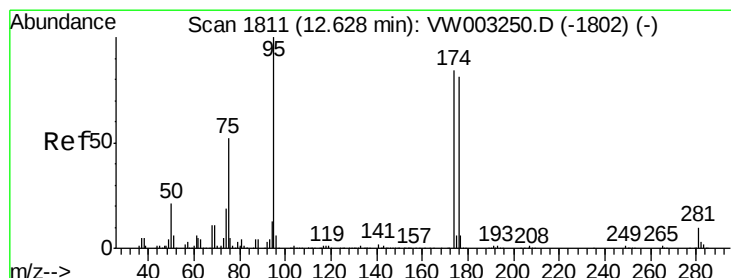
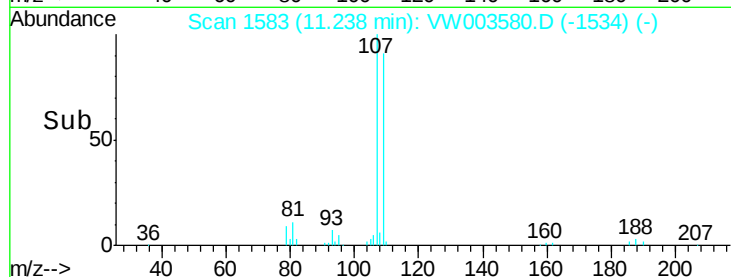
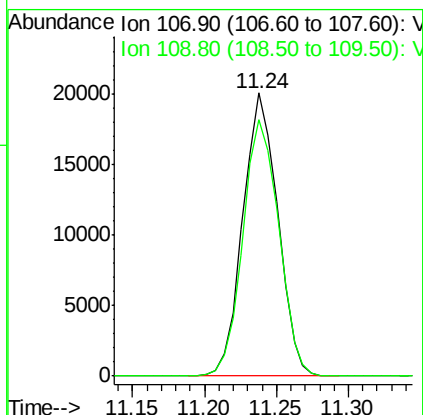
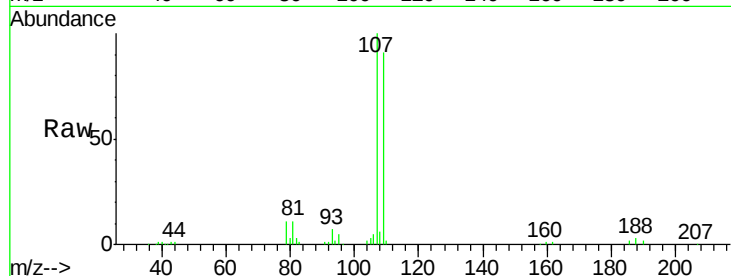




#61
 1,2-Dibromoethane
 Concen: 23.499 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

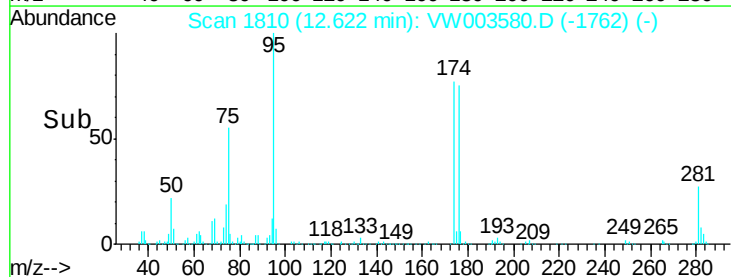
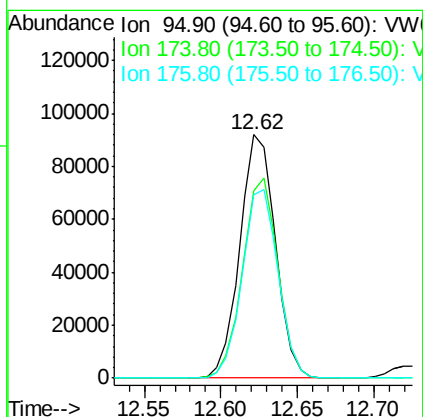
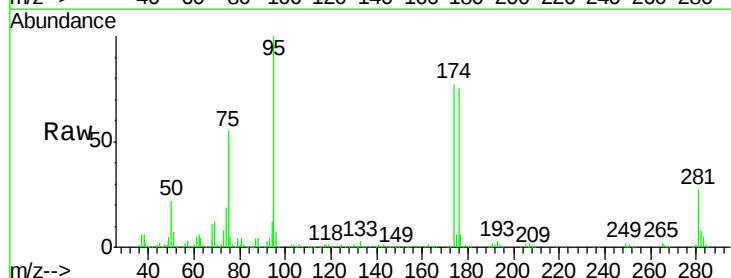
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

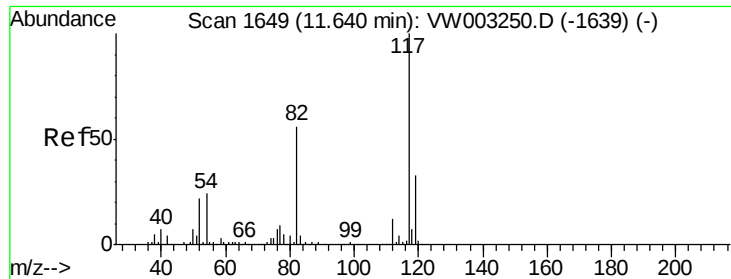
Tgt Ion: 107 Resp: 33652
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 54.946 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 95 Resp: 148334
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 166.4
 176 78.4 0.0 162.0

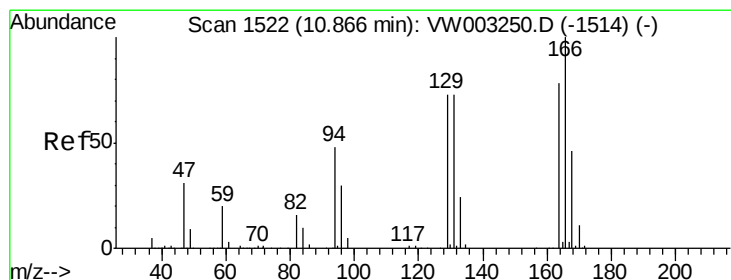
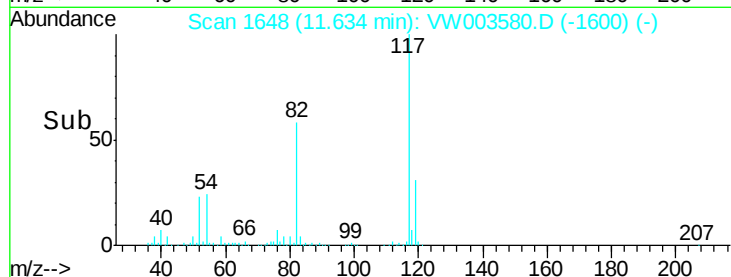
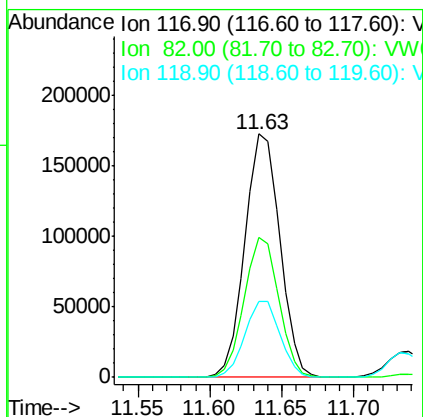
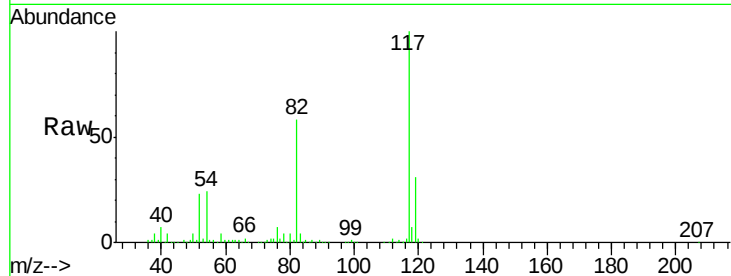




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

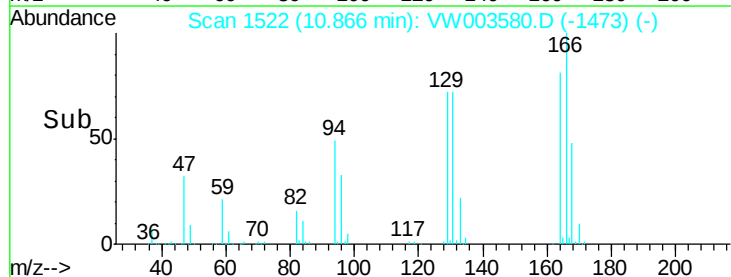
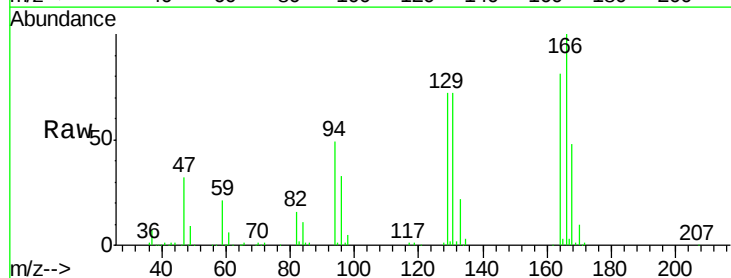
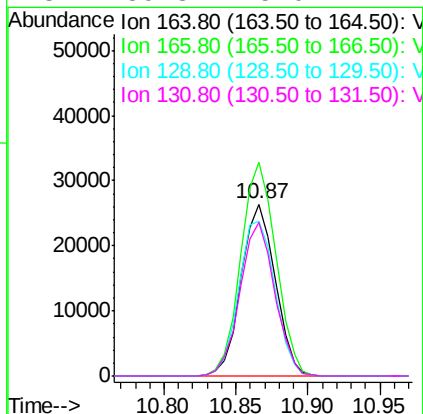
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

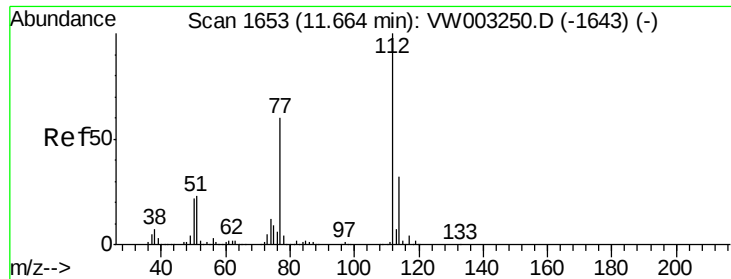
Tgt Ion:117 Resp: 290907
Ion Ratio Lower Upper
117 100
82 57.7 44.6 67.0
119 31.4 26.7 40.1



#64
Tetrachloroethene
Concen: 22.361 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion:164 Resp: 43509
Ion Ratio Lower Upper
164 100
166 124.2 102.6 154.0
129 89.8 75.2 112.8
131 89.3 75.0 112.4





#65

Chlorobenzene

Concen: 21.789 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

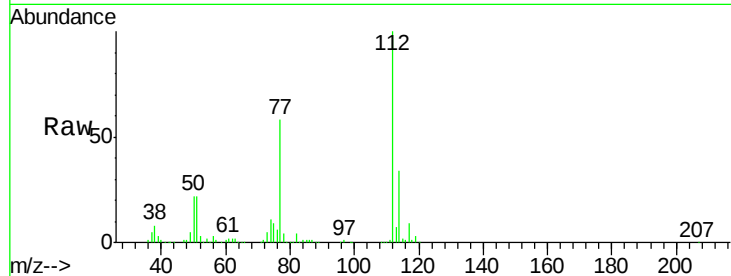
VW0627SBS01

Tgt Ion:112 Resp: 131993

Ion Ratio Lower Upper

112 100

114 33.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

80000

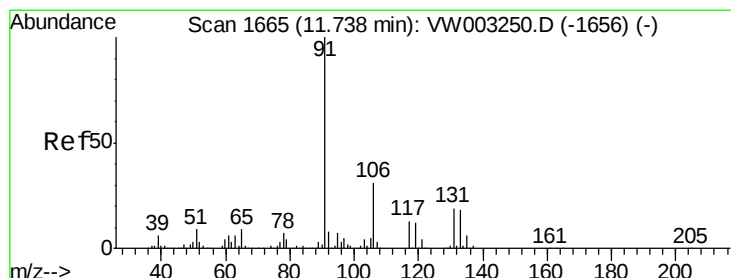
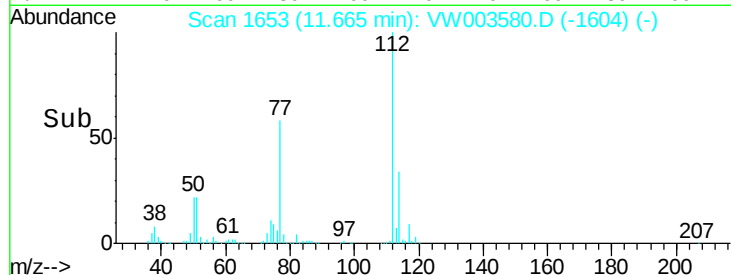
60000

40000

20000

0

Time--> 11.60 11.70



#66

1,1,1,2-Tetrachloroethane

Concen: 21.518 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

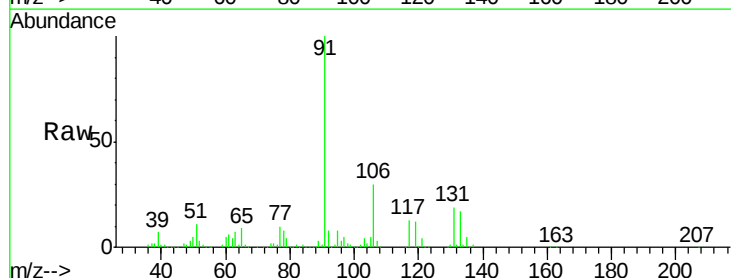
Tgt Ion:131 Resp: 45808

Ion Ratio Lower Upper

131 100

133 94.0 47.3 142.0

119 64.5 32.5 97.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

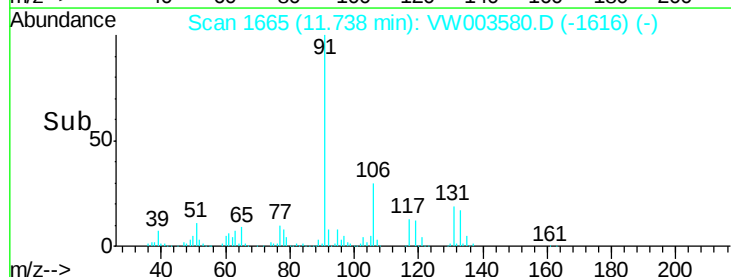
60000

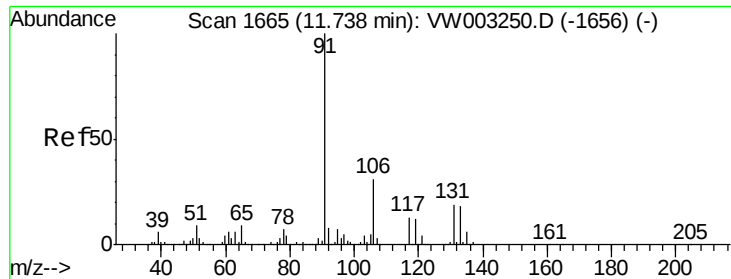
40000

20000

0

Time--> 11.65 11.70 11.75 11.80

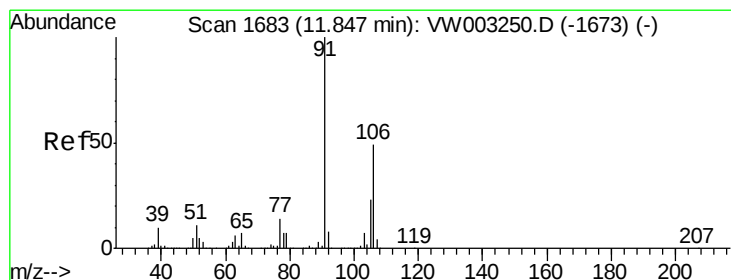
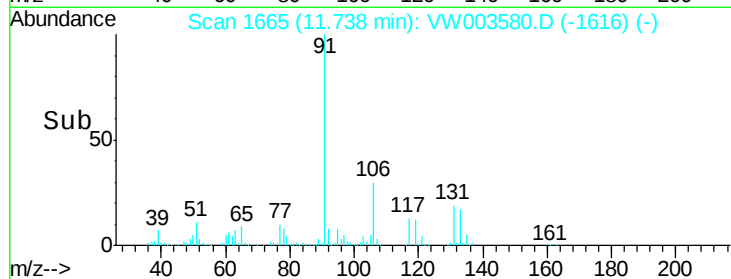
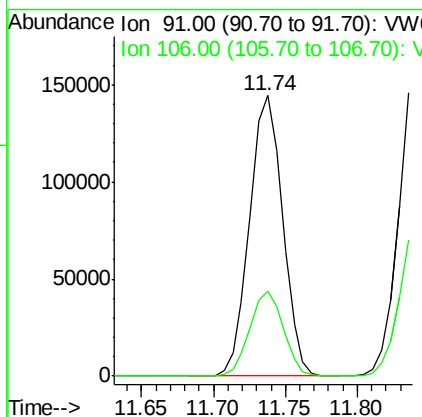
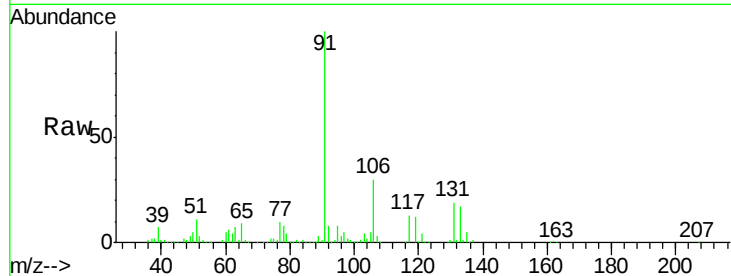




#67
Ethyl Benzene
Concen: 21.407 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

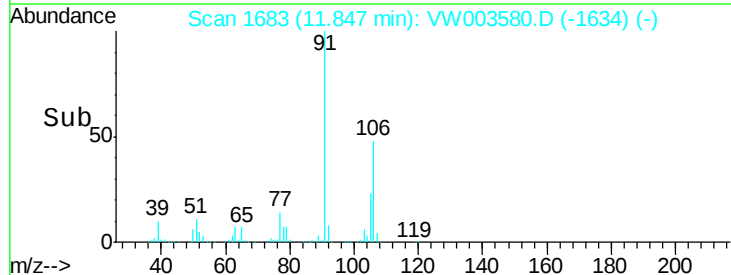
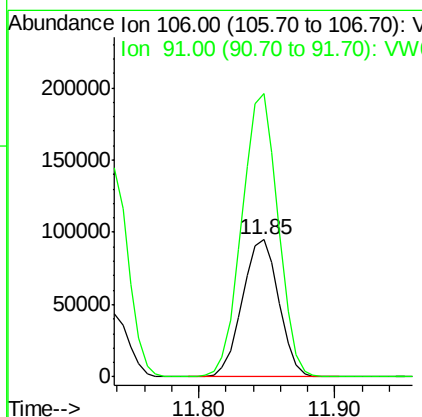
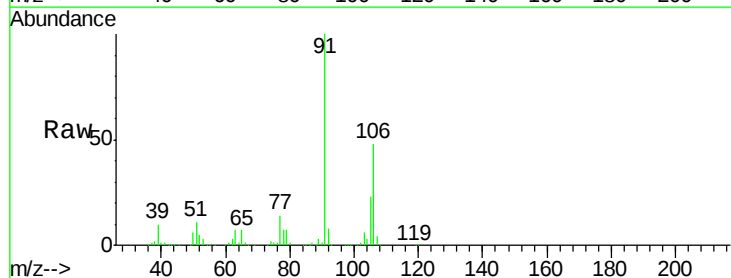
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

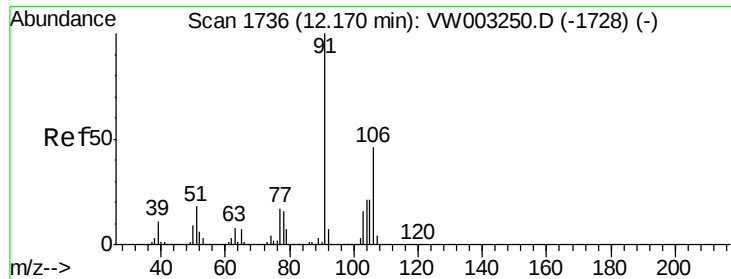
Tgt Ion: 91 Resp: 229878
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 43.686 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion:106 Resp: 178329
Ion Ratio Lower Upper
106 100
91 204.5 165.4 248.0

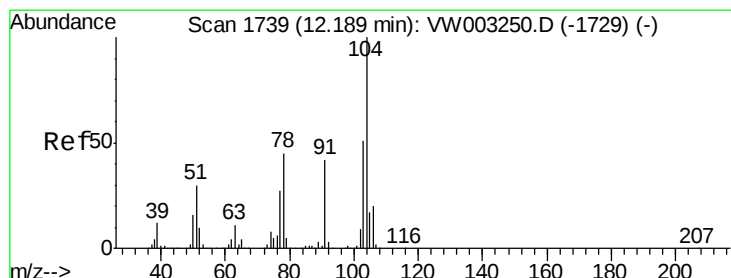
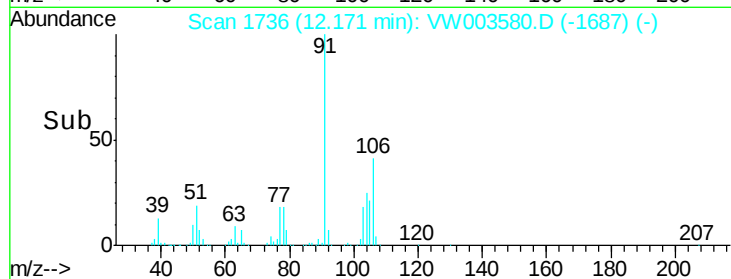
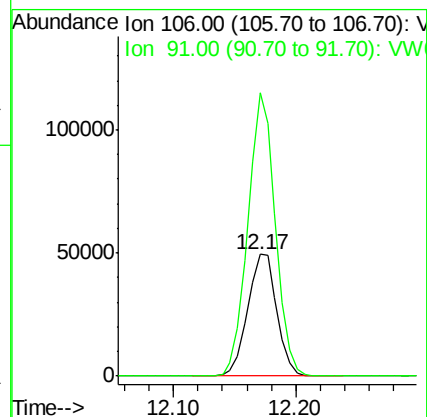
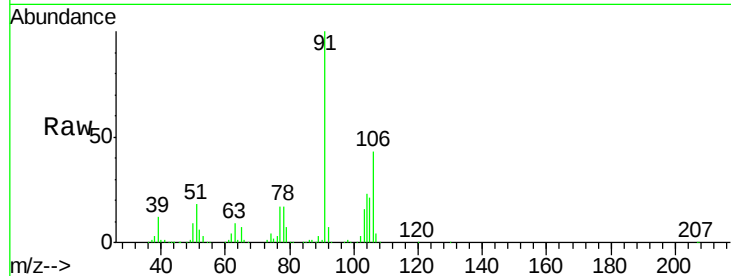




#69
o-Xylene
Concen: 21.526 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

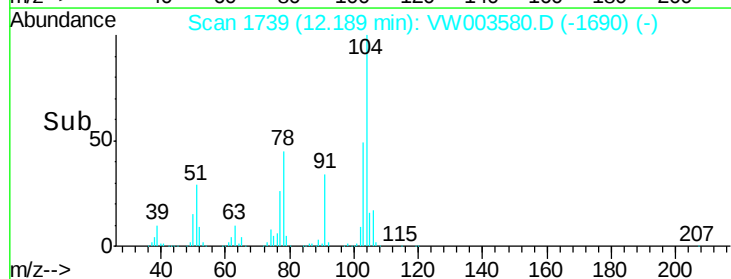
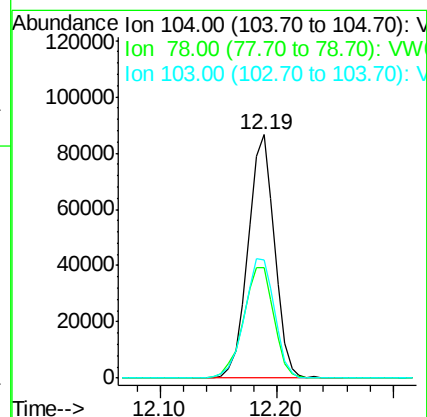
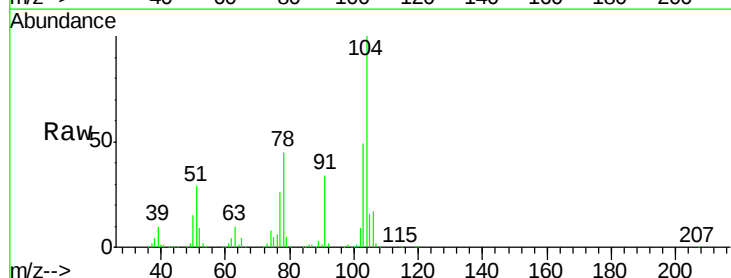
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

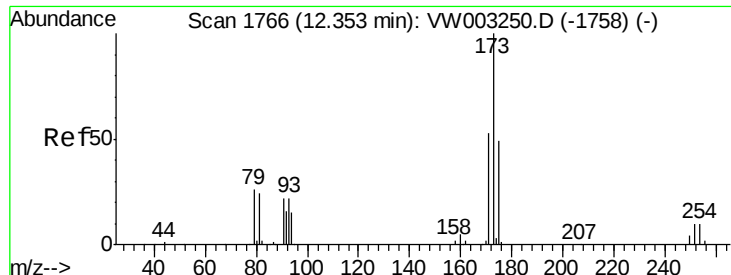
Tgt Ion:106 Resp: 81435
Ion Ratio Lower Upper
106 100
91 219.9 108.6 325.6



#70
Styrene
Concen: 21.848 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion:104 Resp: 137574
Ion Ratio Lower Upper
104 100
78 52.2 41.3 61.9
103 55.9 45.0 67.4





#71

Bromoform

Concen: 21.632 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

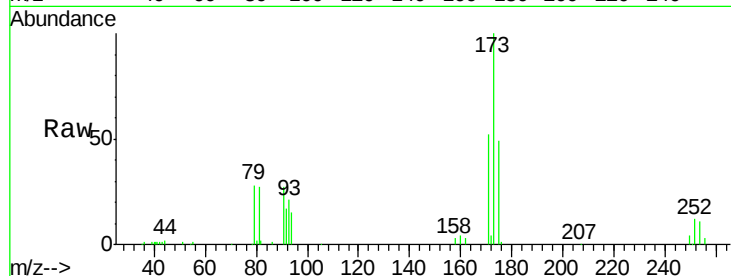
Tgt Ion:173 Resp: 23867

Ion Ratio Lower Upper

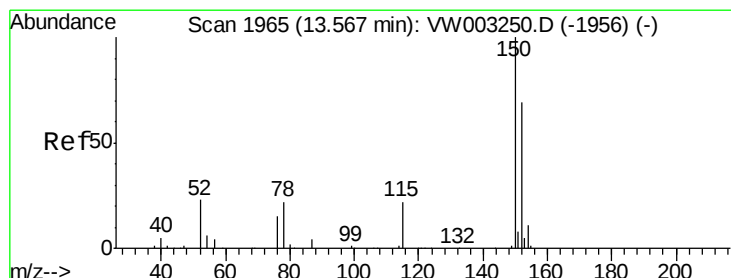
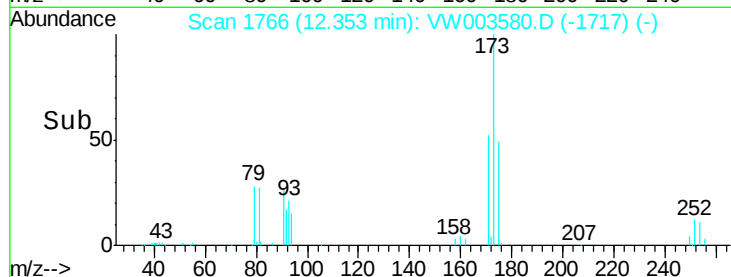
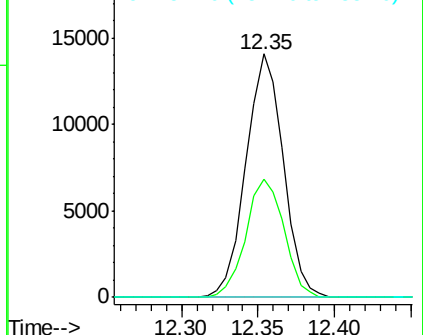
173 100

175 49.5 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: VW003580.D

Acq: 26 Jun 2018 21:05

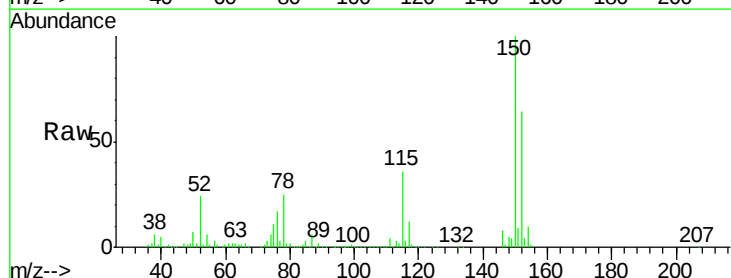
Tgt Ion:152 Resp: 157054

Ion Ratio Lower Upper

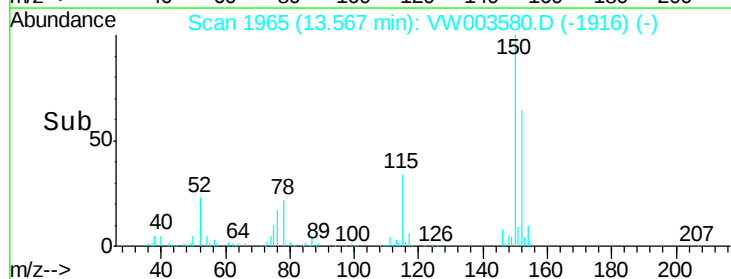
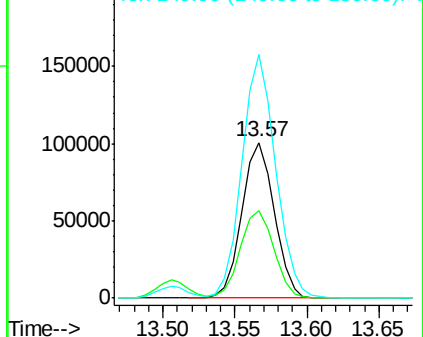
152 100

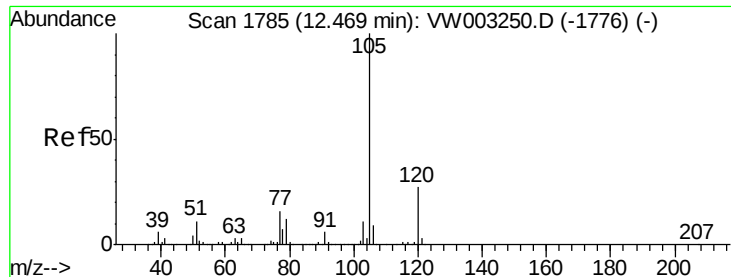
115 58.2 29.3 88.0

150 162.8 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: 20.747 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

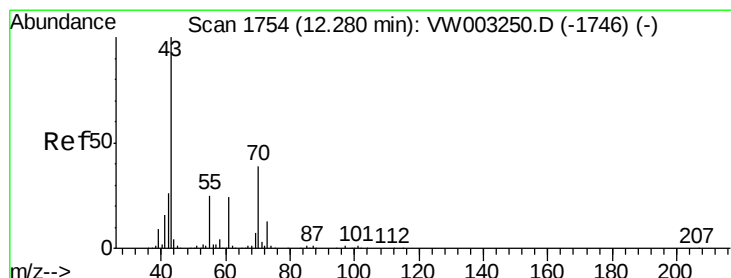
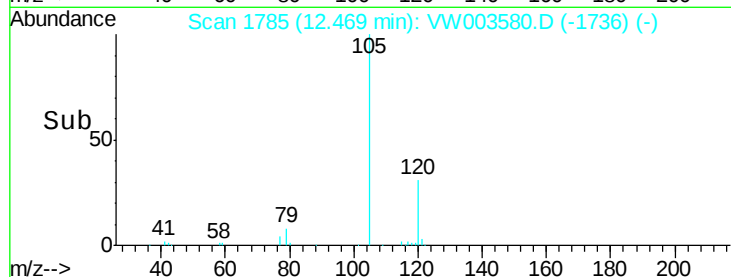
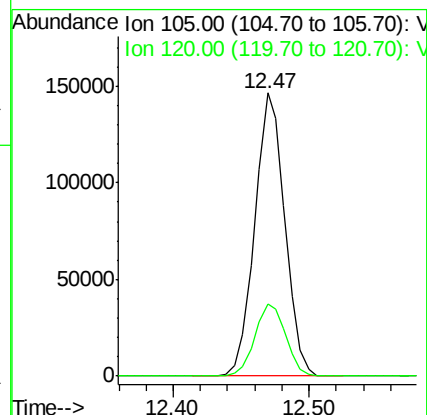
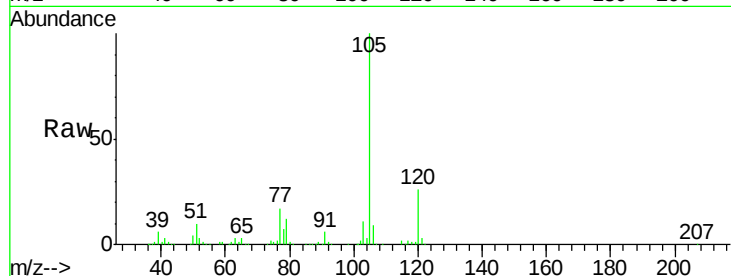
VW0627SBS01

Tgt Ion:105 Resp: 226640

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 22.441 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion: 43 Resp: 55797

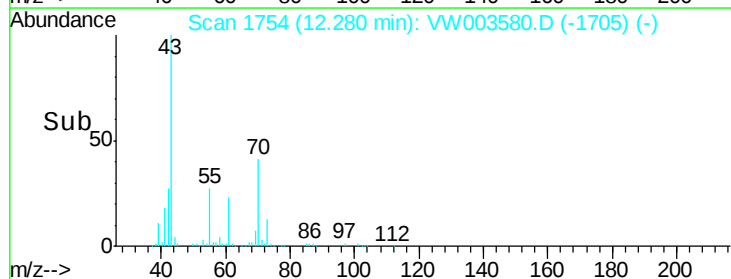
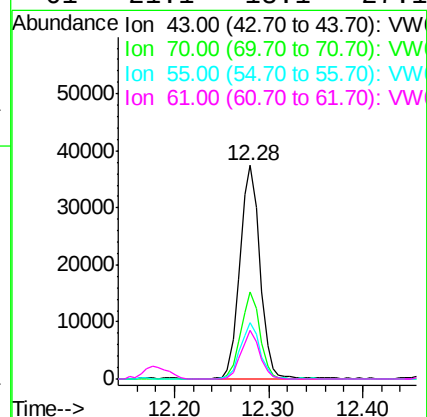
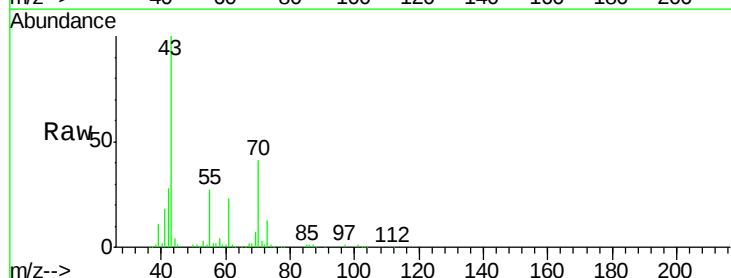
Ion Ratio Lower Upper

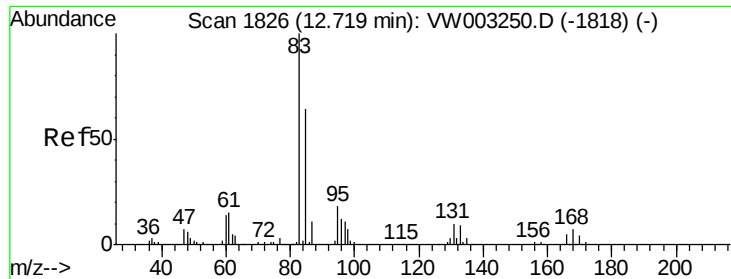
43 100

70 39.0 31.0 46.6

55 25.6 19.7 29.5

61 21.1 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.132 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

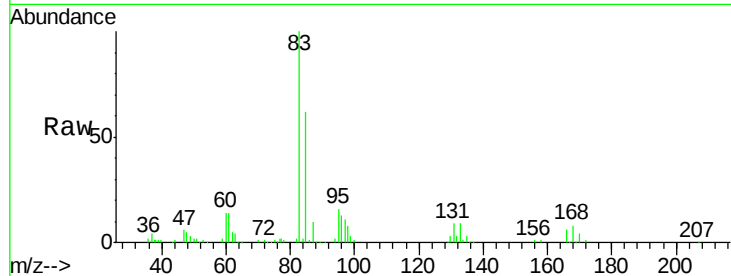
MSVOA_W

ClientSampleId :

VW0627SBS01

Tgt Ion: 83 Resp: 42750

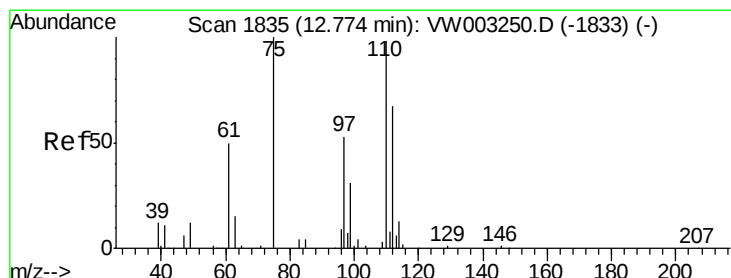
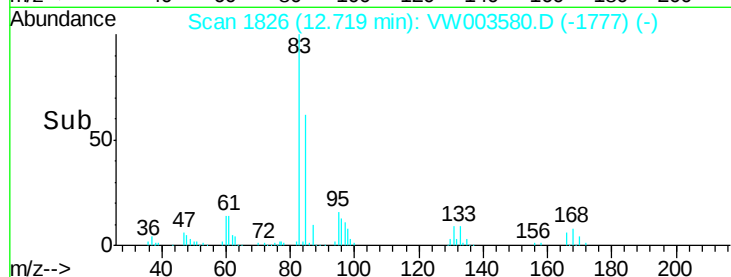
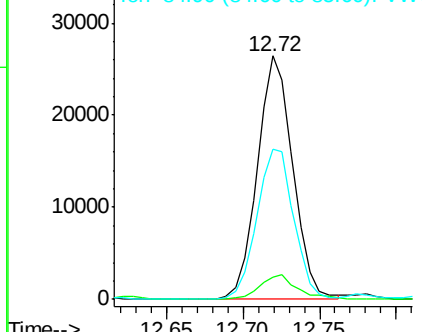
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	64.2	31.9	95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 41.536 ug/l

RT: 12.77 min Scan# 1835

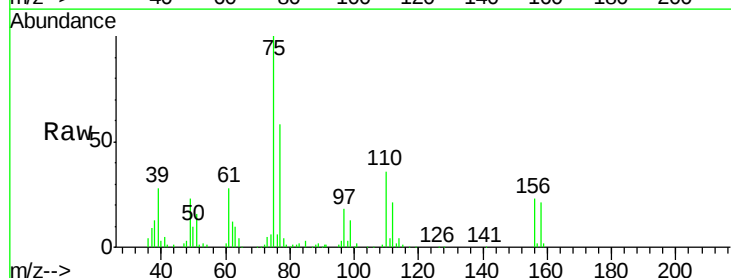
Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

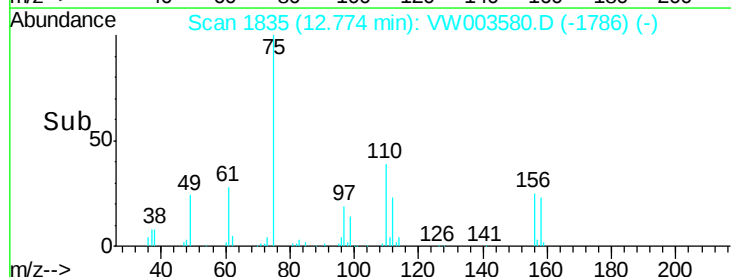
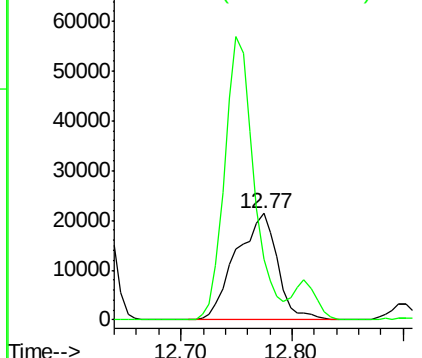
Tgt Ion: 75 Resp: 55768

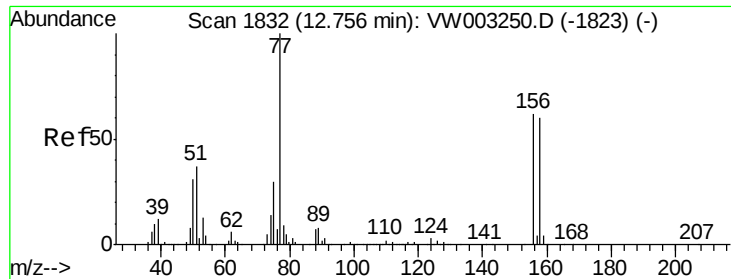
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.383 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

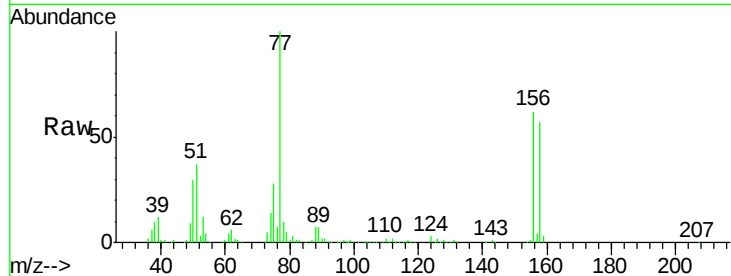
Tgt Ion:156 Resp: 54399

Ion Ratio Lower Upper

156 100

77 191.3 92.3 276.9

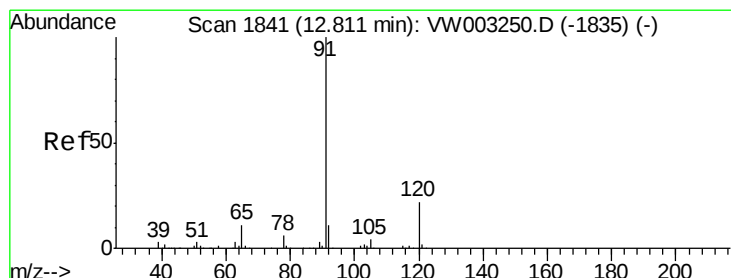
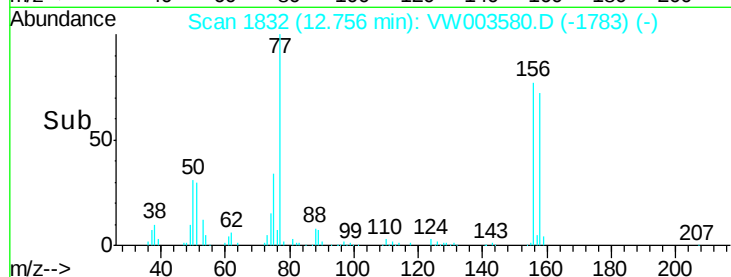
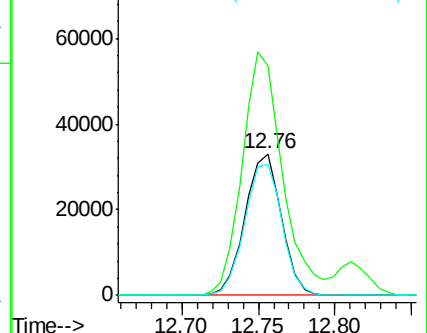
158 95.6 47.5 142.6



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: 21.366 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003580.D

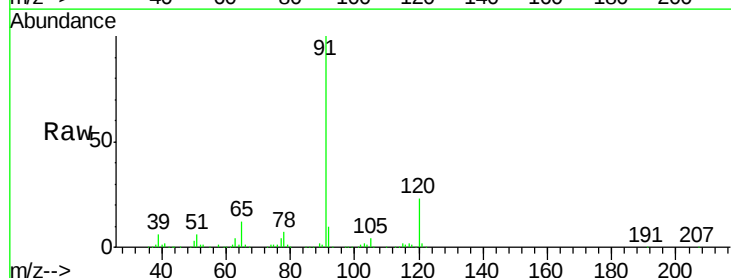
Acq: 26 Jun 2018 21:05

Tgt Ion: 91 Resp: 285786

Ion Ratio Lower Upper

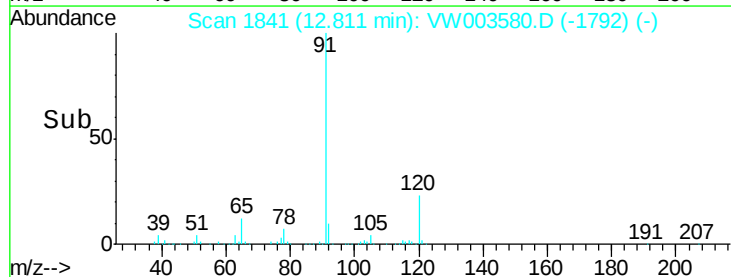
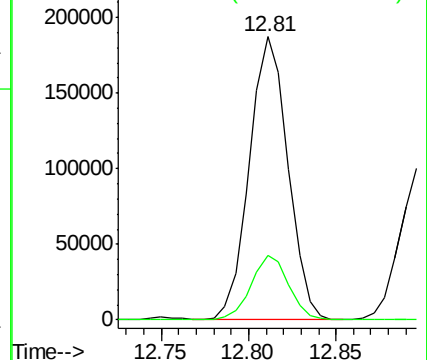
91 100

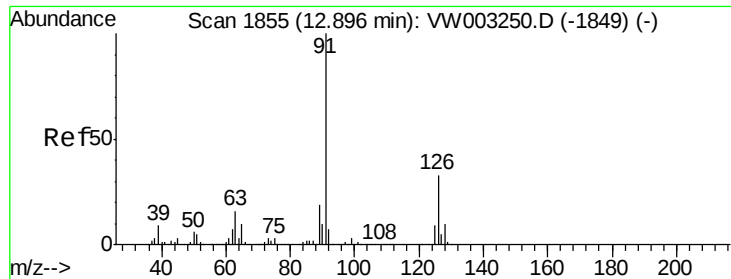
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.794 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

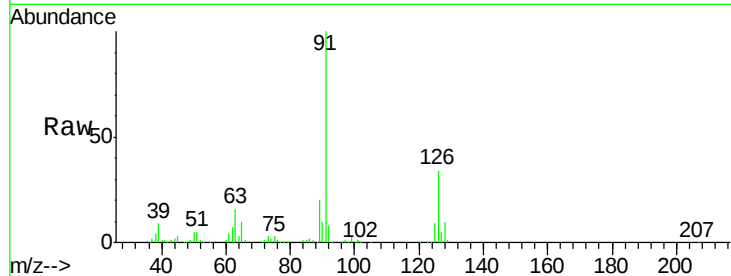
VW0627SBS01

Tgt Ion: 91 Resp: 164738

Ion Ratio Lower Upper

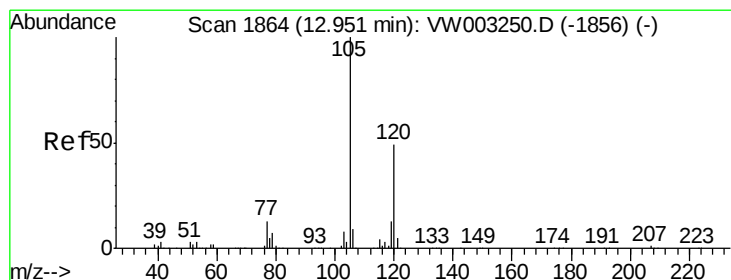
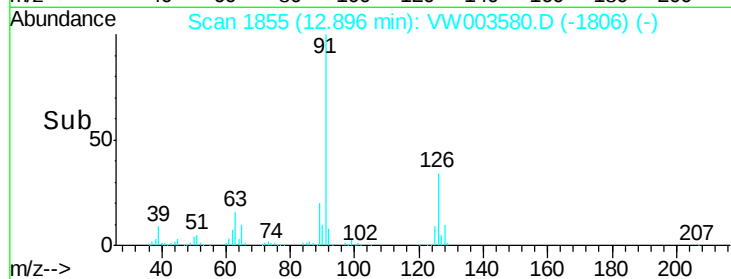
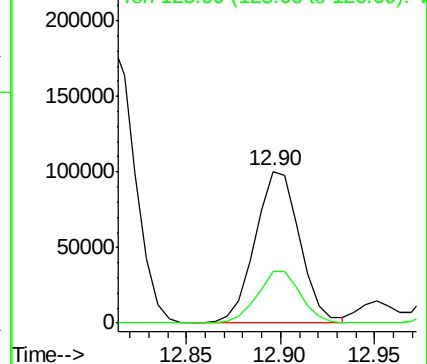
91 100

126 33.4 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: 21.419 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003580.D

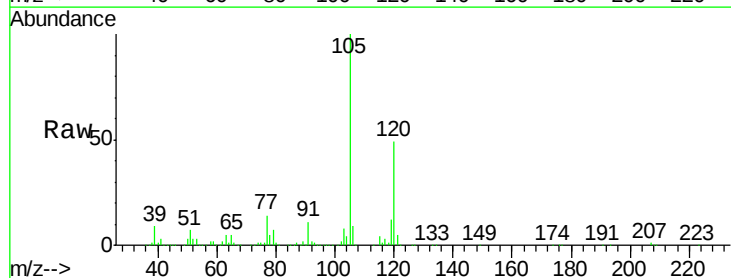
Acq: 26 Jun 2018 21:05

Tgt Ion: 105 Resp: 196397

Ion Ratio Lower Upper

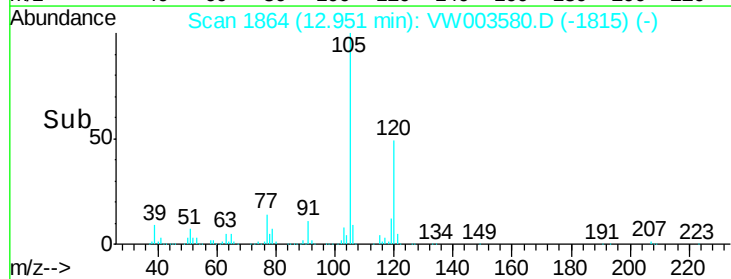
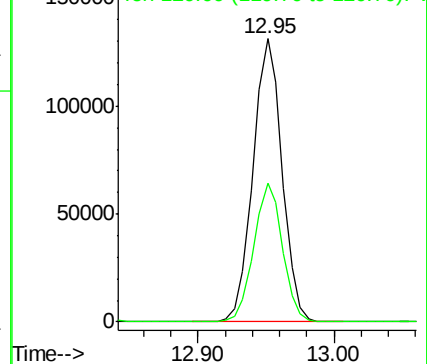
105 100

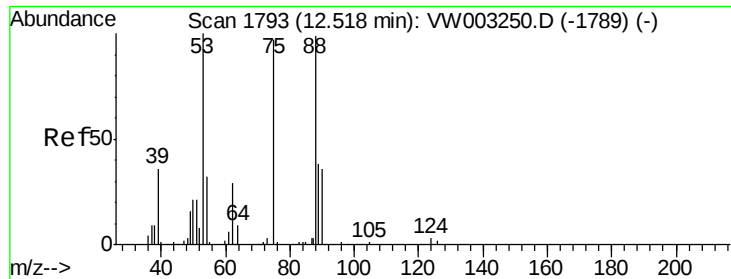
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

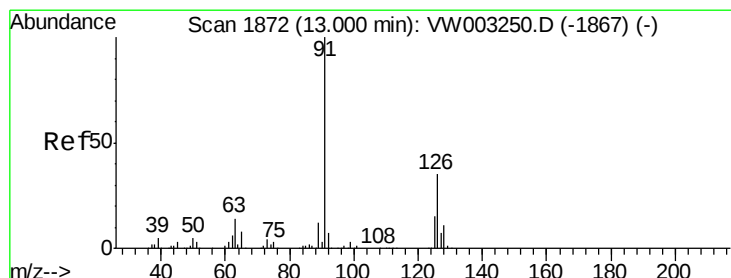
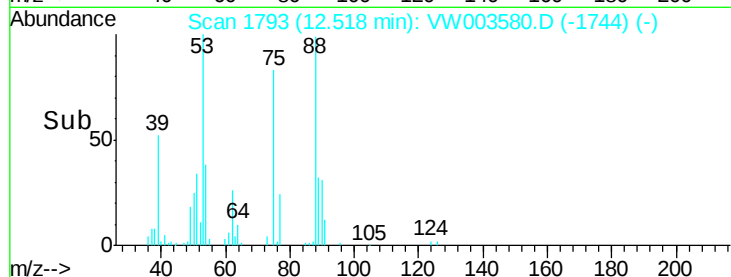
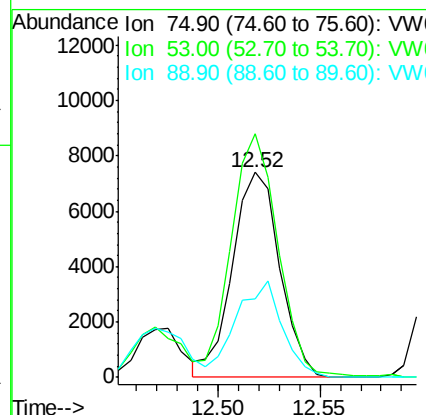
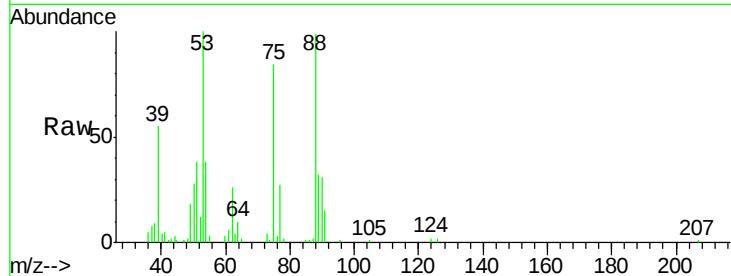




#81
trans-1,4-Dichloro-2-butene
Concen: 20.402 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

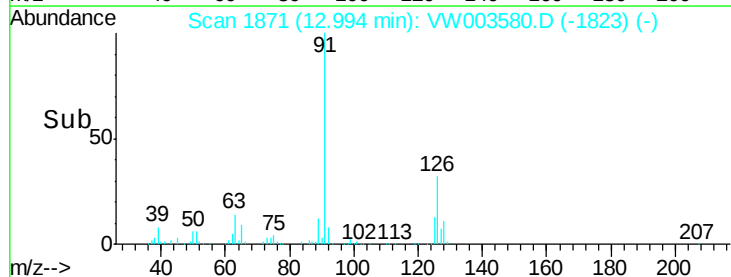
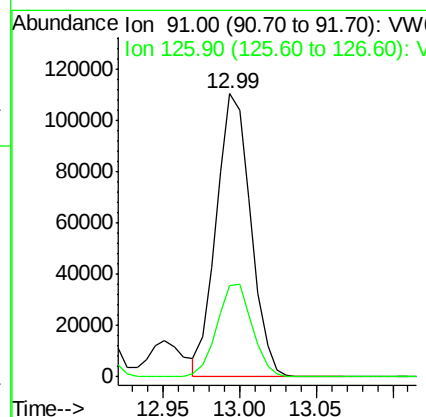
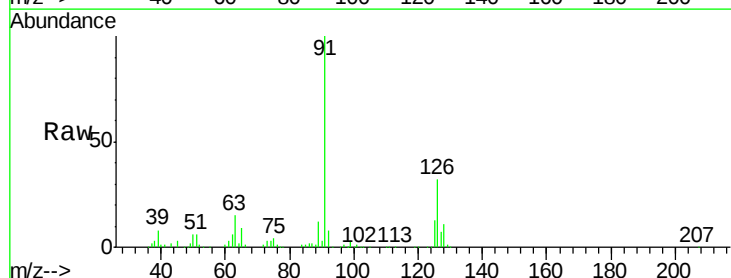
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

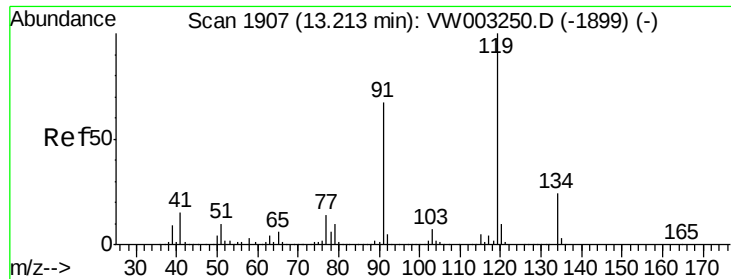
Tgt Ion: 75 Resp: 11904
Ion Ratio Lower Upper
75 100
53 118.3 82.9 124.3
89 46.2 36.7 55.1



#82
4-Chlorotoluene
Concen: 21.500 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 91 Resp: 172406
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3

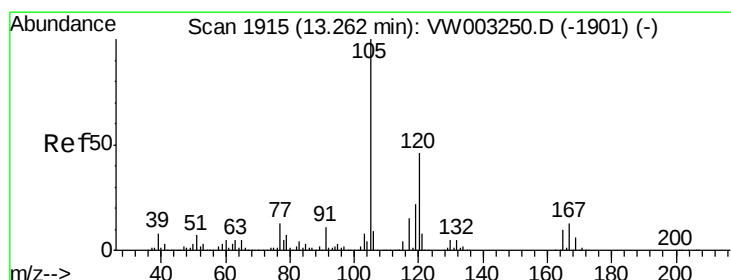
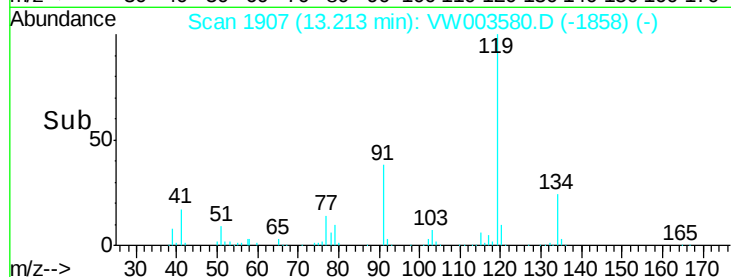
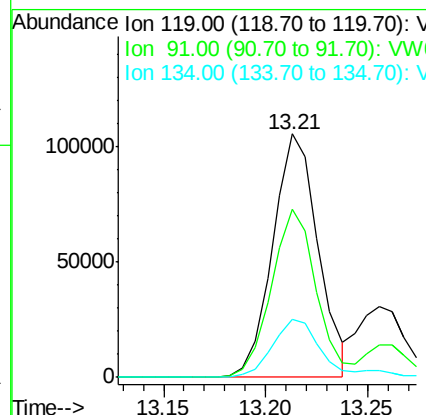
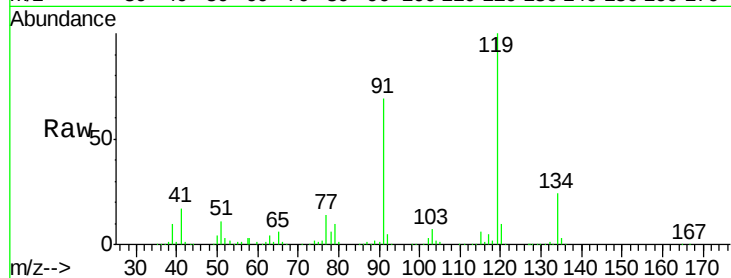




#83
tert-Butylbenzene
Concen: 20.975 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

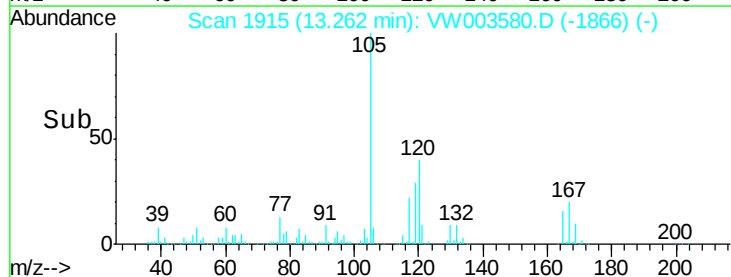
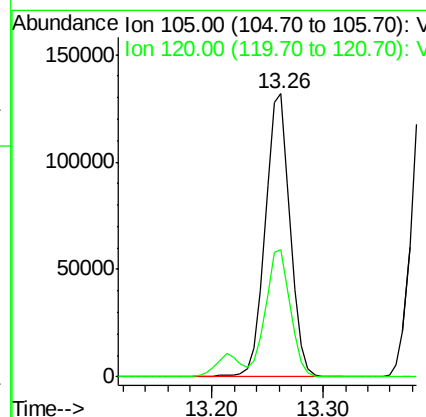
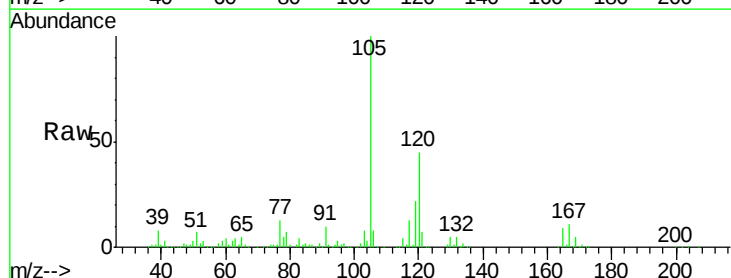
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

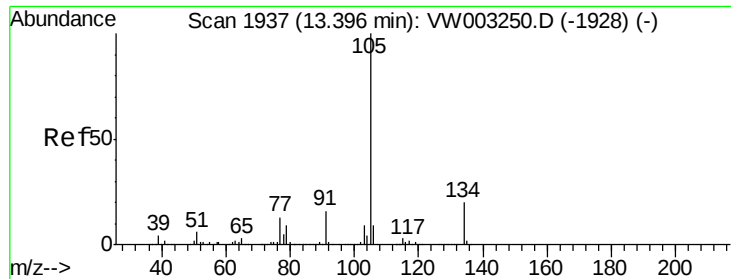
Tgt Ion:119 Resp: 163898
Ion Ratio Lower Upper
119 100
91 68.5 33.9 101.7
134 24.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.756 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion:105 Resp: 205203
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5

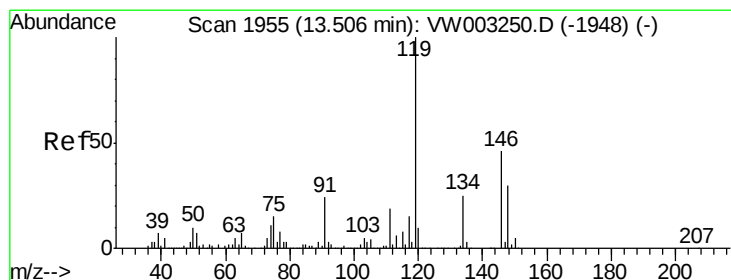
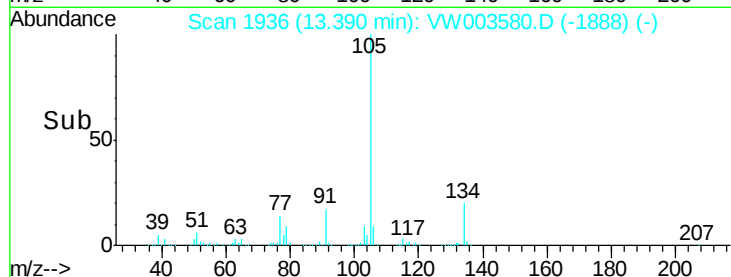
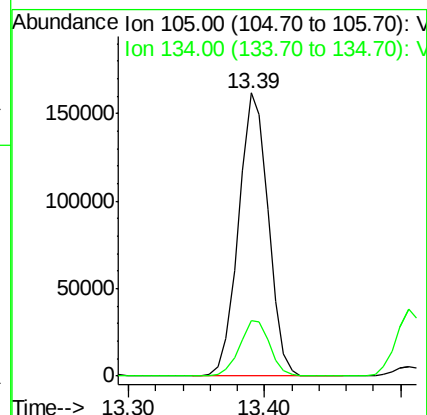
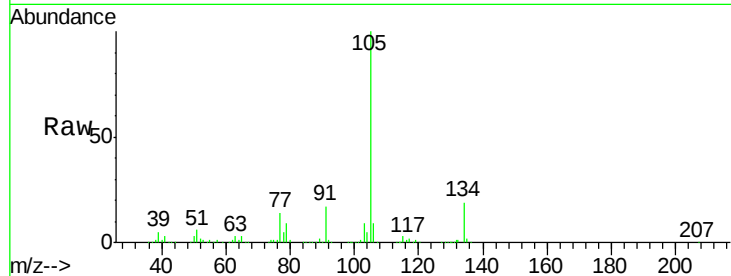




#85
 sec-Butylbenzene
 Concen: 21.169 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

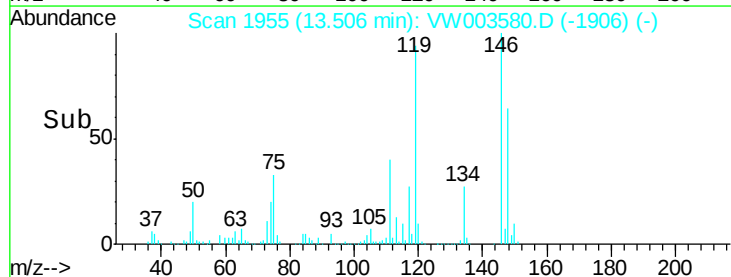
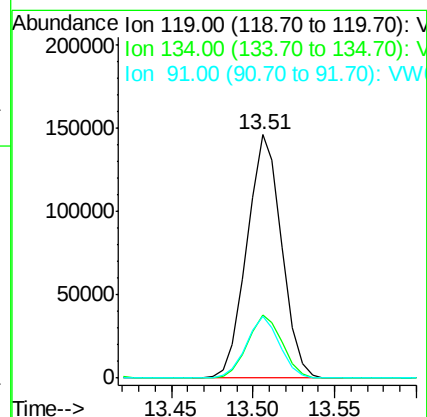
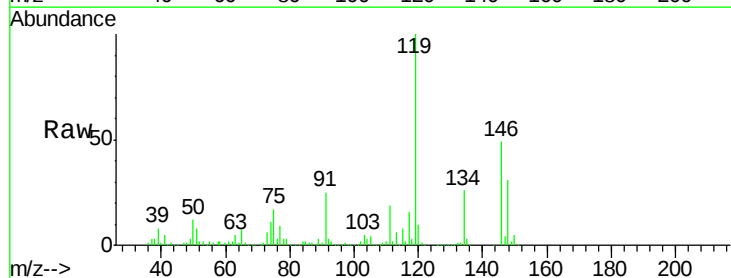
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

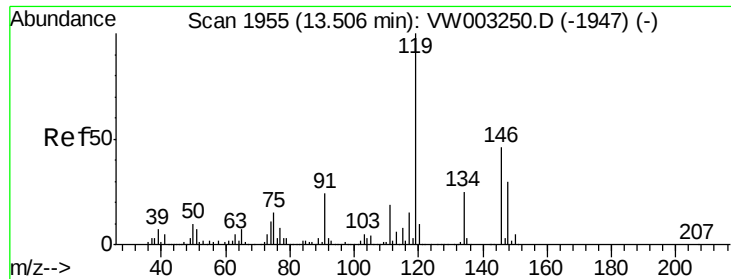
Tgt Ion:105 Resp: 245874
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.050 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion:119 Resp: 215645
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.3 11.8 35.3

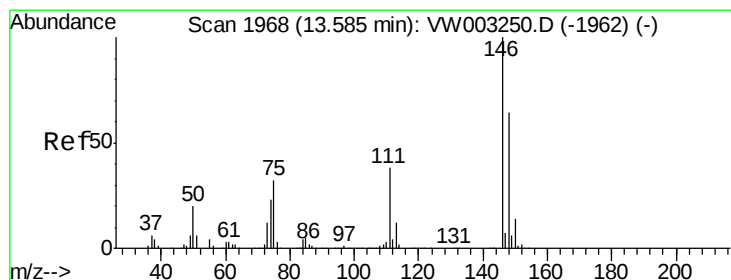
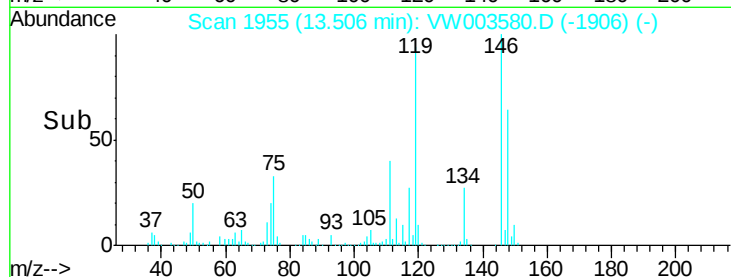
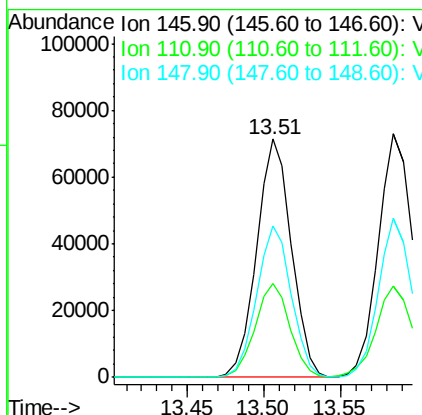
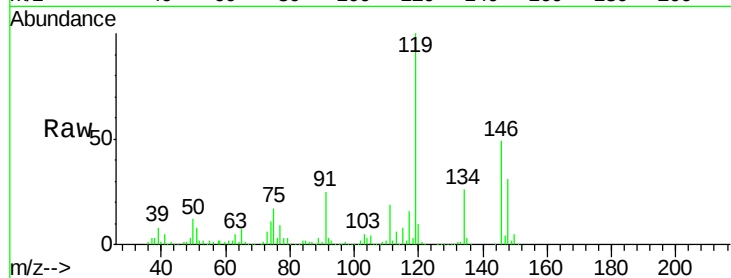




#87
 1,3-Dichlorobenzene
 Concen: 21.589 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

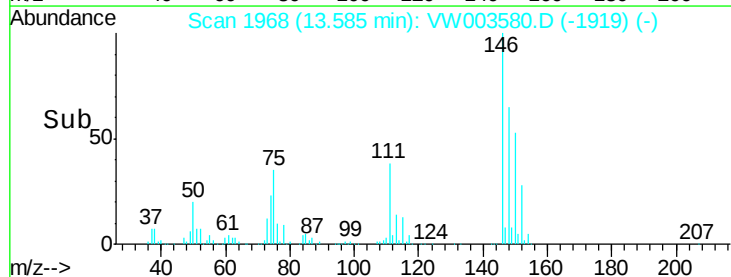
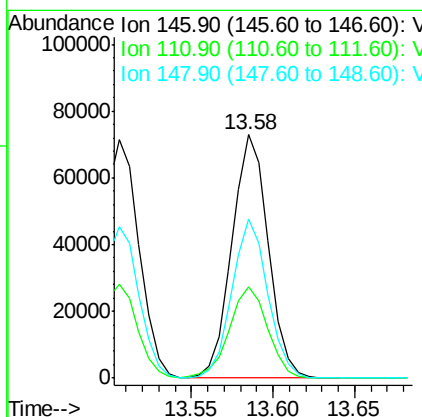
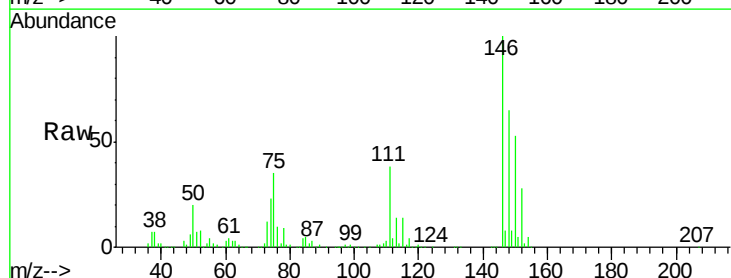
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

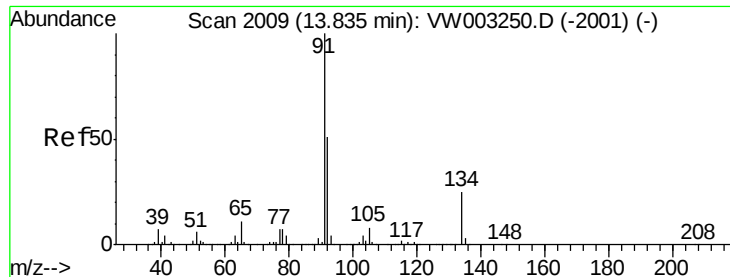
Tgt Ion:146 Resp: 112828
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.723 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion:146 Resp: 112862
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 20.682 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

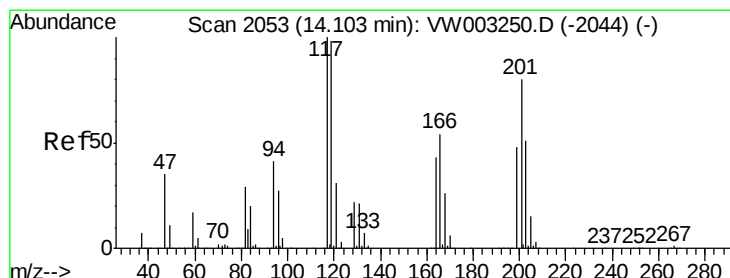
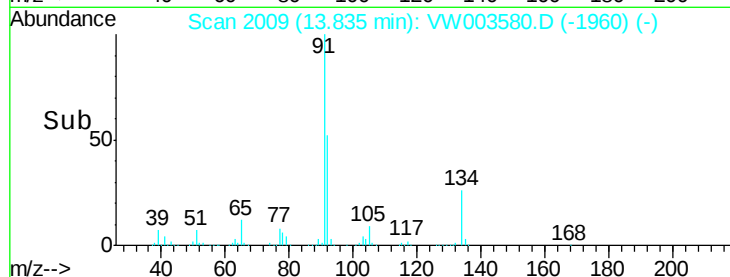
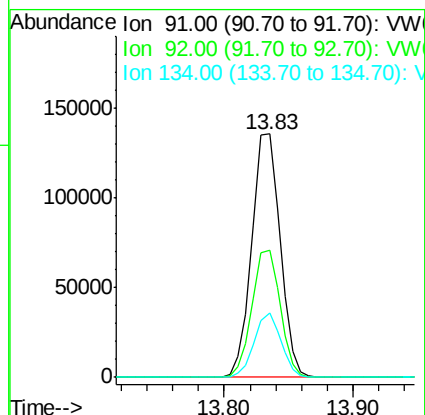
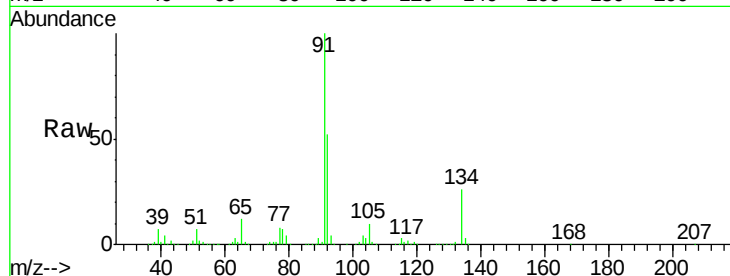
Tgt Ion: 91 Resp: 206527

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

134 25.0 12.7 38.0



#90

Hexachloroethane

Concen: 20.939 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003580.D

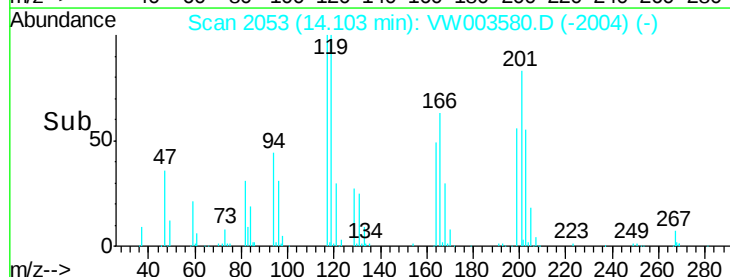
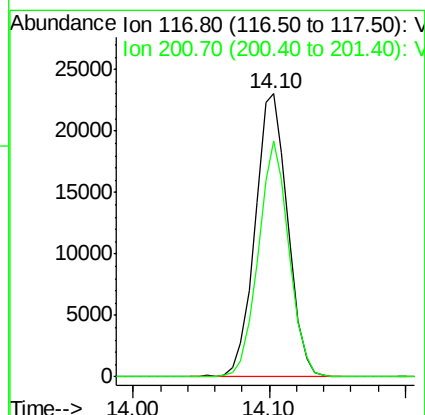
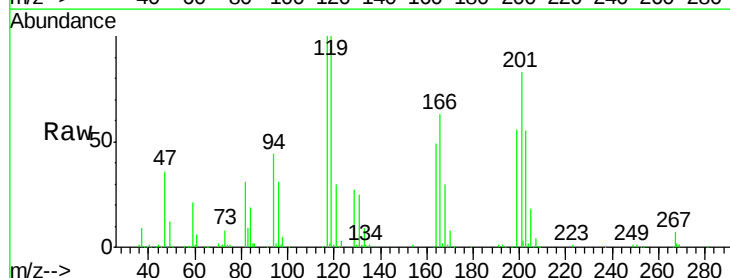
Acq: 26 Jun 2018 21:05

Tgt Ion: 117 Resp: 38804

Ion Ratio Lower Upper

117 100

201 77.9 39.5 118.5

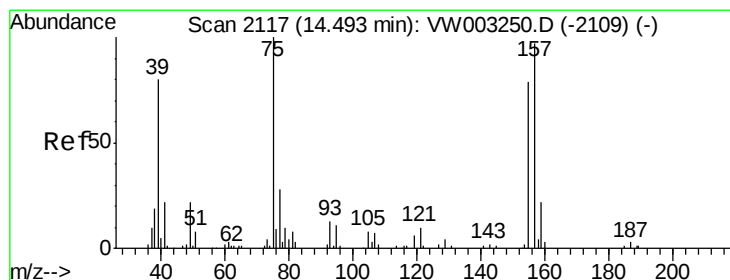
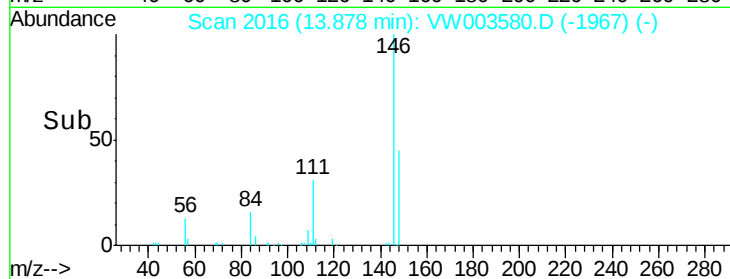
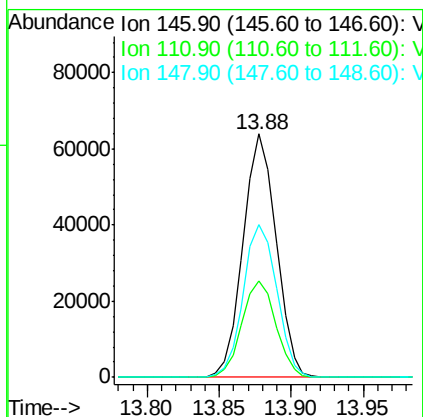
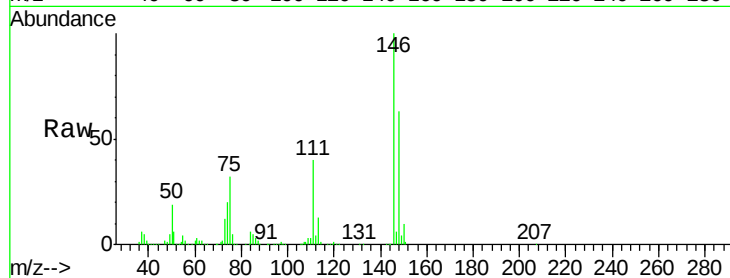




#91
 1,2-Dichlorobenzene
 Concen: 22.212 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

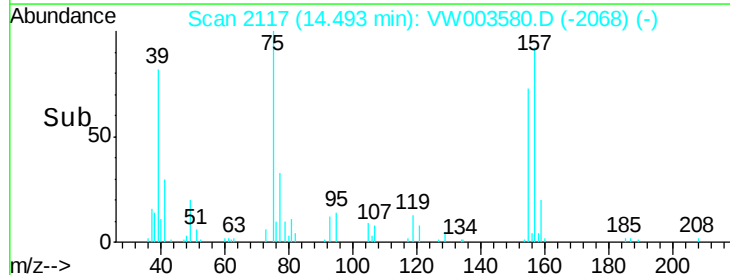
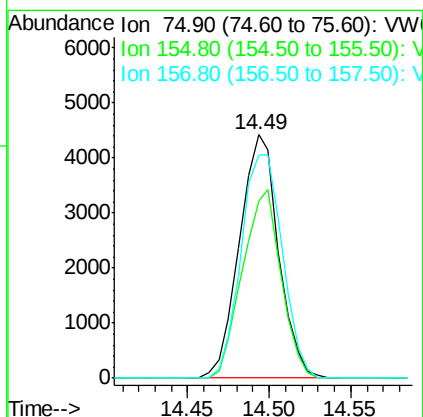
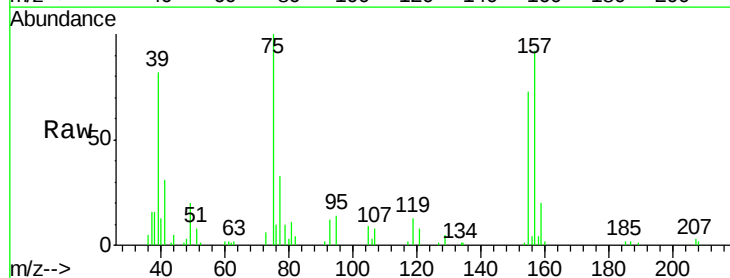
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

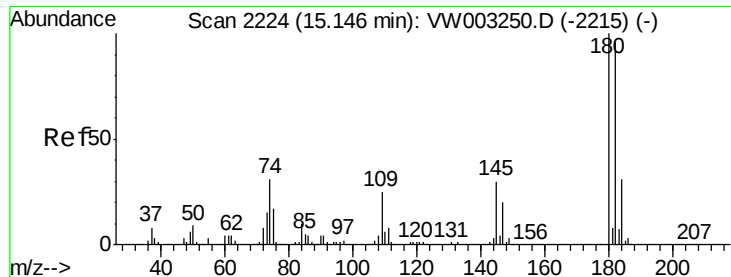
Tgt Ion: 146 Resp: 101684
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 61.0
 148 63.8 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.772 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 75 Resp: 7393
 Ion Ratio Lower Upper
 75 100
 155 76.1 39.4 118.2
 157 97.0 51.5 154.5

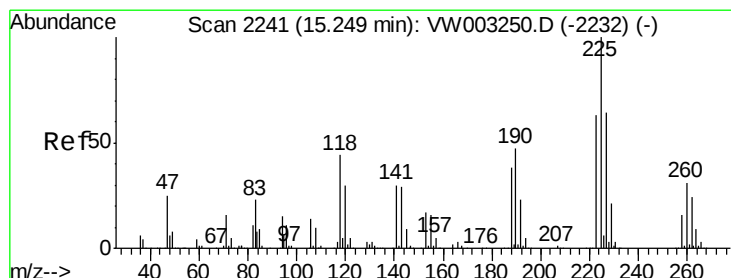
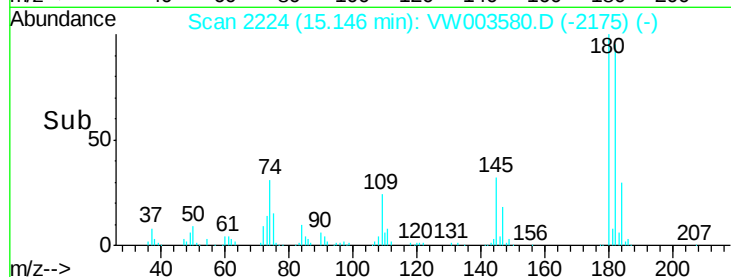
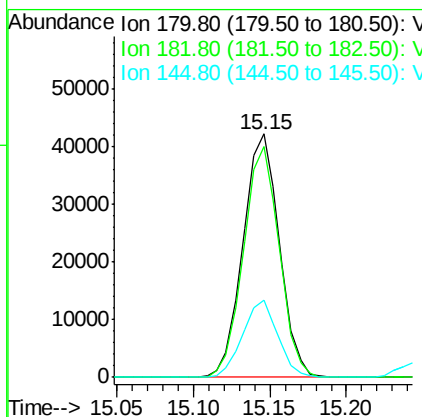
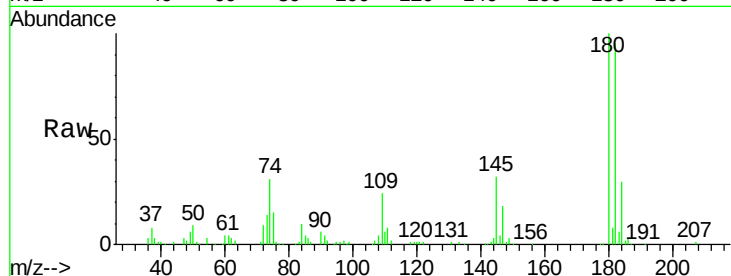




#93
 1,2,4-Trichlorobenzene
 Concen: 21.614 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

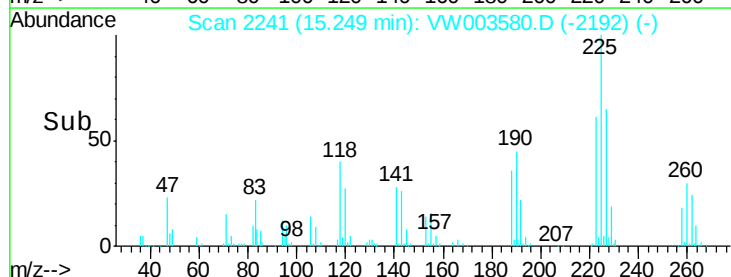
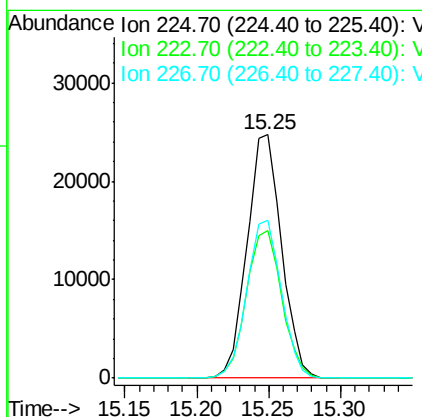
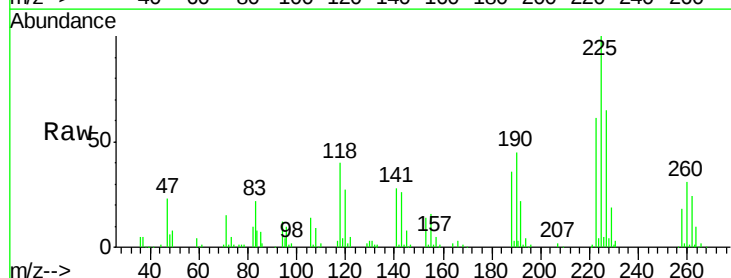
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

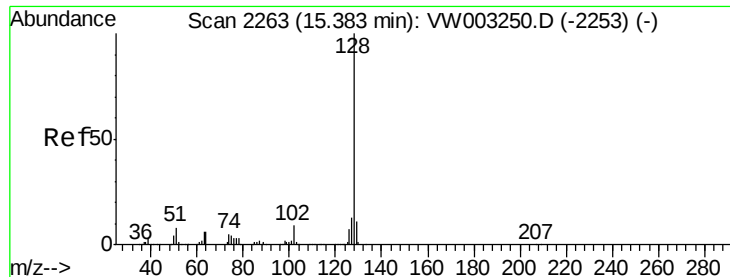
Tgt Ion:180 Resp: 69462
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.9 143.6
 145 30.7 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 21.156 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion:225 Resp: 40899
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.6 92.0
 227 65.0 31.7 95.1

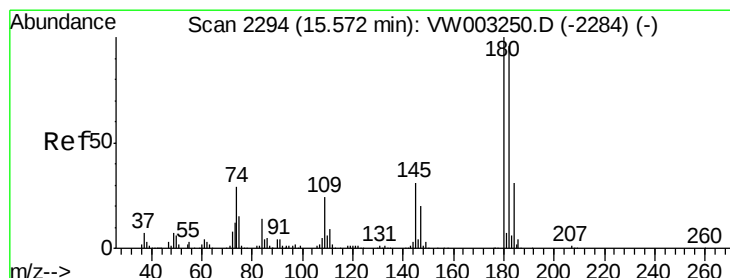
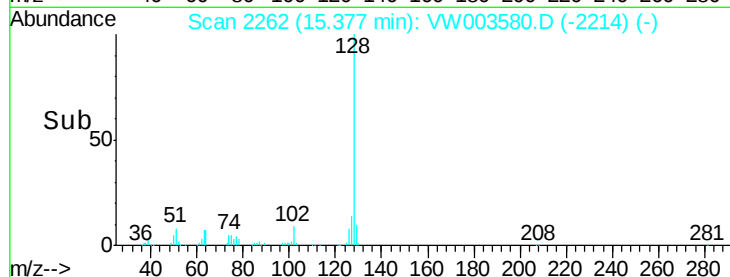
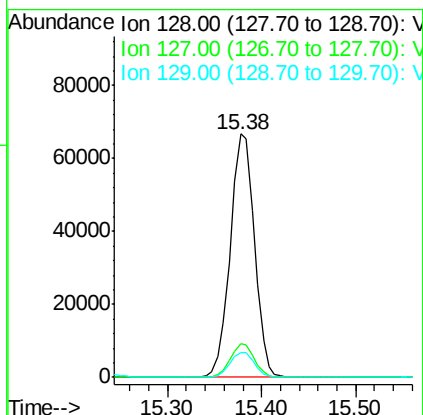
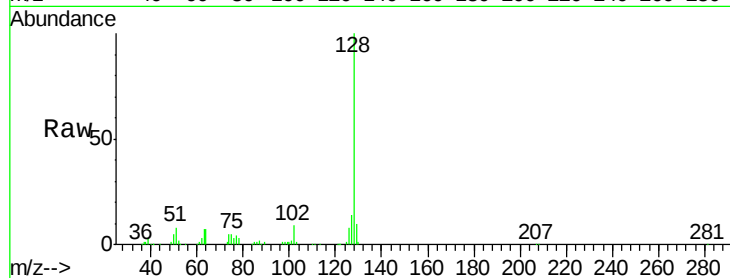




#95
Naphthalene
Concen: 21.879 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tgt Ion:128 Resp: 119274
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.767 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion:180 Resp: 61574
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 32.4 15.8 47.4

