

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003581.D
 Acq On : 26 Jun 2018 21:31
 Operator : SY/AP
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Quant Time: Jun 27 07:54:15 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	193489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	304339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	151064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116841	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
35) Dibromofluoromethane	7.88	113	102338	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.33	98	406364	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.62	95	142970	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15127	25.860	ug/l	97
3) Chloromethane	2.21	50	33284	22.520	ug/l	95
4) Vinyl Chloride	2.36	62	45815	21.264	ug/l	92
5) Bromomethane	2.78	94	30165	21.064	ug/l	95
6) Chloroethane	2.92	64	31460	20.977	ug/l	93
7) Trichlorofluoromethane	3.25	101	27851	21.577	ug/l	96
8) Diethyl Ether	3.67	74	20865	22.005	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40064	22.353	ug/l	100
10) Methyl Iodide	4.26	142	59098	21.802	ug/l	99
11) Tert butyl alcohol	5.24	59	12211	108.640	ug/l	100
12) 1,1-Dichloroethene	4.03	96	37672	21.508	ug/l	97
13) Acrolein	3.90	56	12368	76.963	ug/l	94
14) Allyl chloride	4.66	41	66370	21.875	ug/l	98
15) Acrylonitrile	5.37	53	47456	121.644	ug/l	98
16) Acetone	4.15	43	48688	110.768	ug/l	95
17) Carbon Disulfide	4.37	76	111334	21.500	ug/l	100
18) Methyl Acetate	4.68	43	24595	23.587	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	74169	22.608	ug/l	97
20) Methylene Chloride	4.91	84	53306	26.849	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	42140	22.106	ug/l	96
22) Diisopropyl ether	6.31	45	140134	22.950	ug/l	95
23) Vinyl Acetate	6.26	43	398730	113.315	ug/l	99
24) 1,1-Dichloroethane	6.21	63	81656	22.526	ug/l	96
25) 2-Butanone	7.18	43	64117	117.308	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50225	20.761	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	46985	22.437	ug/l	98
28) Bromochloromethane	7.52	49	32100	21.280	ug/l	97
29) Tetrahydrofuran	7.54	42	39495	118.233	ug/l	99
30) Chloroform	7.68	83	84165	22.790	ug/l	100
31) Cyclohexane	7.95	56	72980	21.550	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	69102	22.669	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65306	22.220	ug/l	100
37) Ethyl Acetate	7.26	43	29498	24.226	ug/l	98
38) Carbon Tetrachloride	8.07	117	63777	22.122	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003581.D
 Acq On : 26 Jun 2018 21:31
 Operator : SY/AP
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Quant Time: Jun 27 07:54:15 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	71703	21.084	ug/l	99
40) Benzene	8.32	78	182543	22.532	ug/l	96
41) Methacrylonitrile	7.49	41	17445	23.348	ug/l	98
42) 1,2-Dichloroethane	8.40	62	57810	22.776	ug/l	99
43) Isopropyl Acetate	8.43	43	55280	22.865	ug/l	99
44) Trichloroethene	9.10	130	46955	21.873	ug/l	99
45) 1,2-Dichloropropane	9.37	63	47440	22.998	ug/l	99
46) Dibromomethane	9.46	93	24287	22.997	ug/l	97
47) Bromodichloromethane	9.65	83	61072	22.560	ug/l	99
48) Methyl methacrylate	9.45	41	25934	22.825	ug/l	98
49) 1,4-Dioxane	9.49	88	7471	468.527	ug/l	89
51) 4-Methyl-2-Pentanone	10.21	43	147652	119.852	ug/l	99
52) Toluene	10.39	92	116626	22.449	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59437	21.494	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	68032	21.616	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34564	23.226	ug/l	97
56) Ethyl methacrylate	10.65	69	40024	22.148	ug/l	98
57) 1,3-Dichloropropane	10.94	76	58933	22.961	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	95172	117.482	ug/l	98
59) 2-Hexanone	10.98	43	101968	118.480	ug/l	98
60) Dibromochloromethane	11.13	129	40222	22.727	ug/l	96
61) 1,2-Dibromoethane	11.24	107	32440	23.045	ug/l	99
64) Tetrachloroethene	10.87	164	41558	22.074	ug/l	96
65) Chlorobenzene	11.66	112	128243	21.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	44486	21.597	ug/l	99
67) Ethyl Benzene	11.74	91	221160	21.285	ug/l	98
68) m/p-Xylenes	11.85	106	169843	43.002	ug/l	98
69) o-Xylene	12.17	106	78188	21.360	ug/l	99
70) Styrene	12.19	104	133103	21.846	ug/l	100
71) Bromoform	12.35	173	23614	22.120	ug/l #	98
73) Isopropylbenzene	12.47	105	221517	21.083	ug/l	99
74) N-amyl acetate	12.28	43	54450	22.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41691	23.454	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54436	42.152	ug/l #	100
77) Bromobenzene	12.76	156	52422	21.423	ug/l	98
78) n-propylbenzene	12.81	91	276680	21.505	ug/l	100
79) 2-Chlorotoluene	12.90	91	156817	21.568	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	191309	21.692	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12105	21.569	ug/l	96
82) 4-Chlorotoluene	12.99	91	166027	21.526	ug/l	99
83) tert-Butylbenzene	13.21	119	159202	21.181	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	198488	21.879	ug/l	99
85) sec-Butylbenzene	13.39	105	241215	21.591	ug/l	100
86) p-Isopropyltoluene	13.51	119	210650	21.378	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	108733	21.630	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108860	21.783	ug/l	99
89) n-Butylbenzene	13.83	91	204922	21.335	ug/l	99
90) Hexachloroethane	14.10	117	37654	21.124	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	97733	22.195	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7052	23.574	ug/l	94

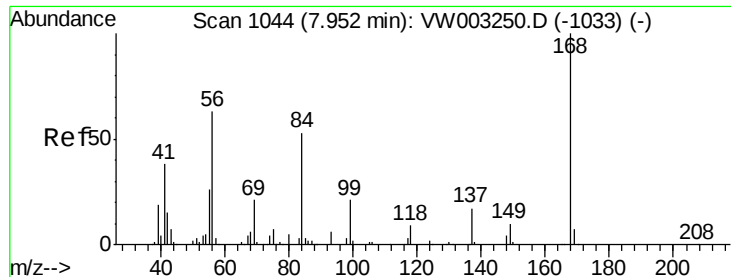
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
Data File : VW003581.D
Acq On : 26 Jun 2018 21:31
Operator : SY/AP
Sample : VW0626SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

Quant Time: Jun 27 07:54:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	65952	21.335	ug/l	98
94) Hexachlorobutadiene	15.25	225	38865	20.901	ug/l	98
95) Naphthalene	15.38	128	115462	22.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	59328	21.804	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: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

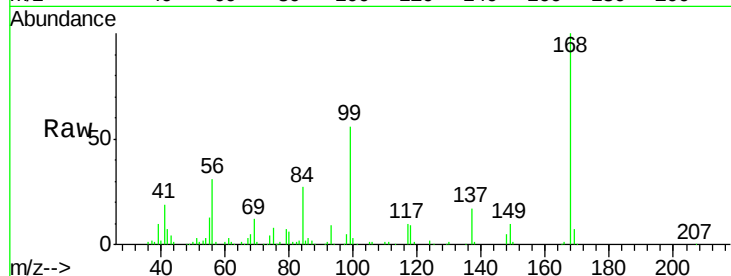
VW0627SBSD01

Tgt Ion:168 Resp: 193489

Ion Ratio Lower Upper

168 100

99 55.5 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

80000

60000

40000

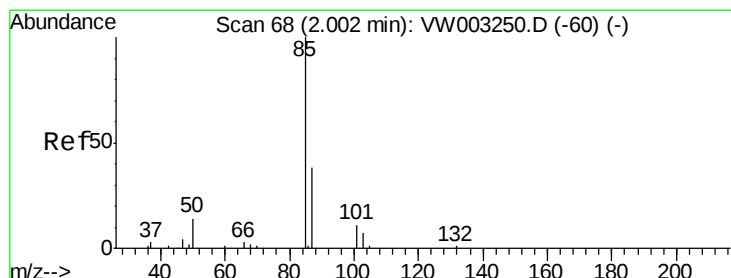
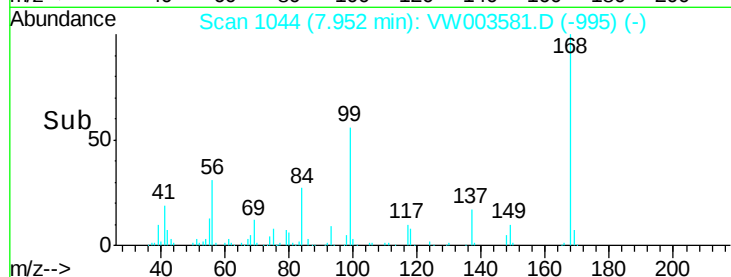
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 25.860 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003581.D

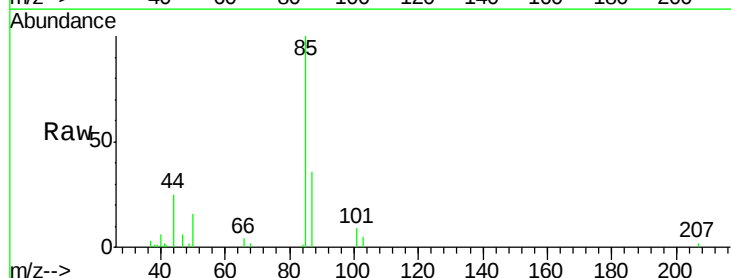
Acq: 26 Jun 2018 21:31

Tgt Ion: 85 Resp: 15127

Ion Ratio Lower Upper

85 100

87 36.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

2000

1000

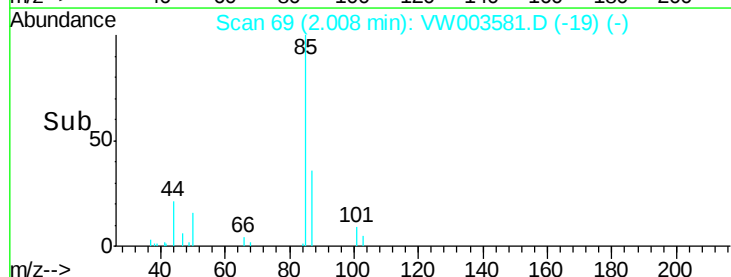
0

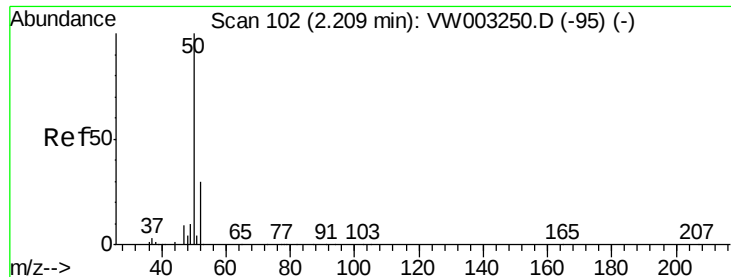
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 22.520 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

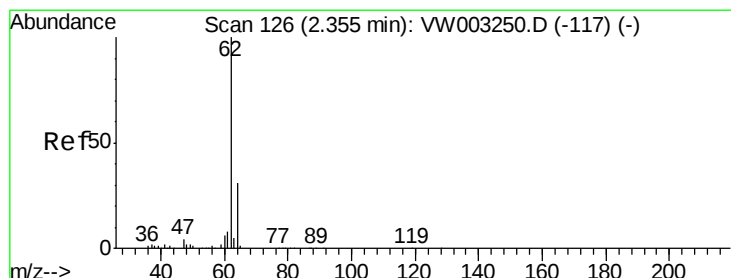
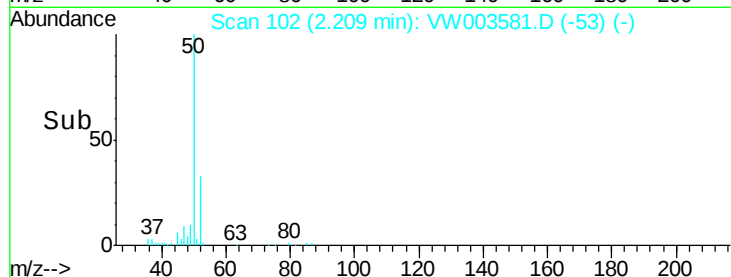
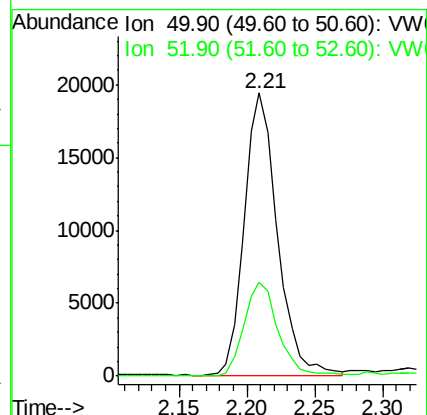
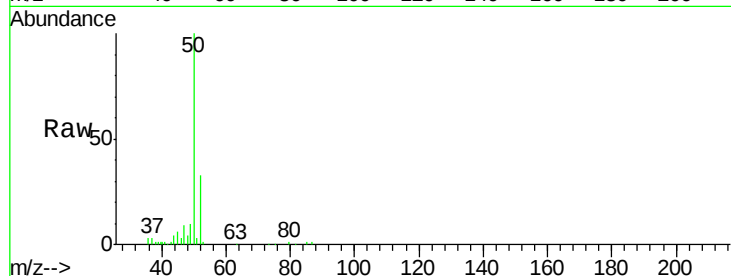
VW0627SBSD01

Tgt Ion: 50 Resp: 33284

Ion Ratio Lower Upper

50 100

52 33.1 24.2 36.2



#4

Vinyl Chloride

Concen: 21.264 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003581.D

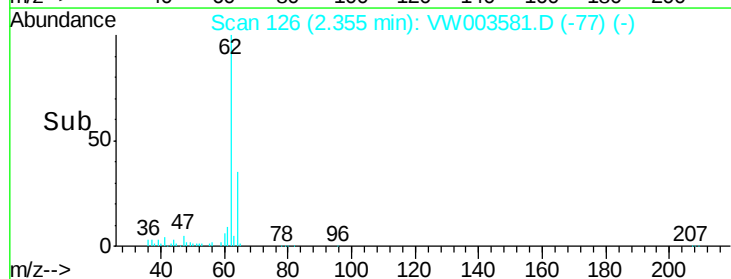
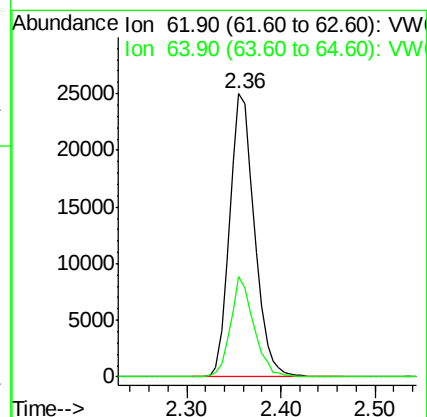
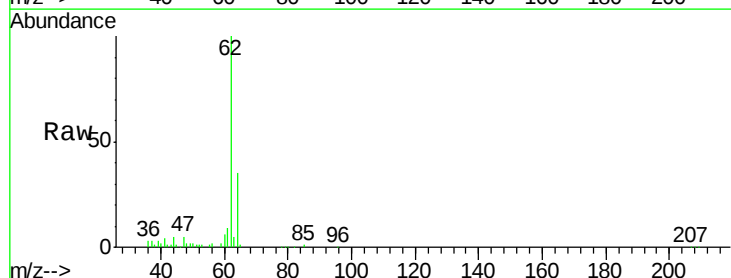
Acq: 26 Jun 2018 21:31

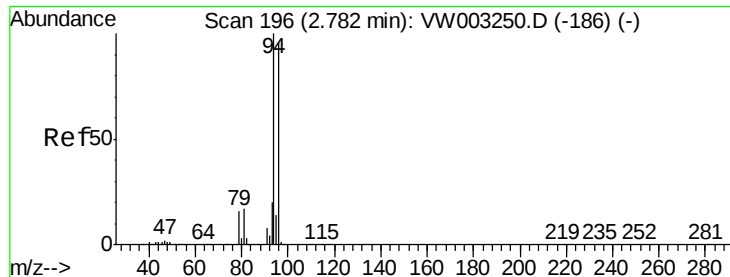
Tgt Ion: 62 Resp: 45815

Ion Ratio Lower Upper

62 100

64 35.3 24.9 37.3





#5

Bromomethane

Concen: 21.064 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

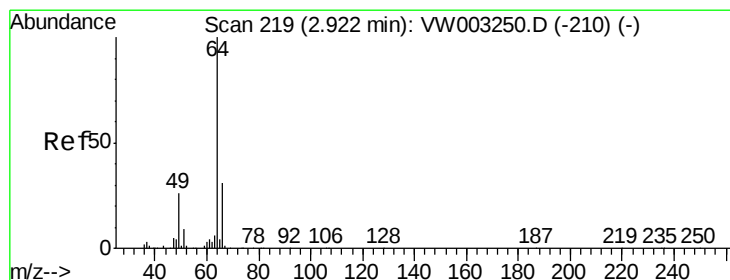
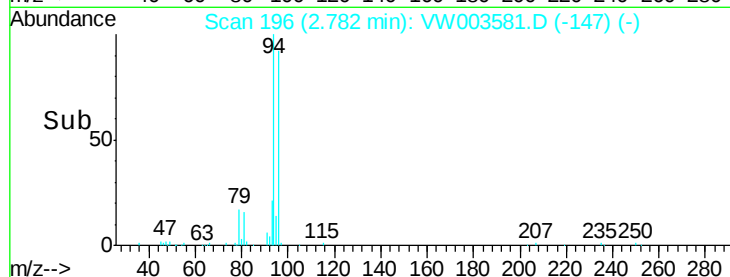
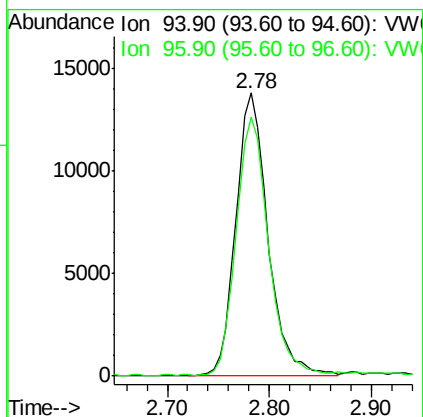
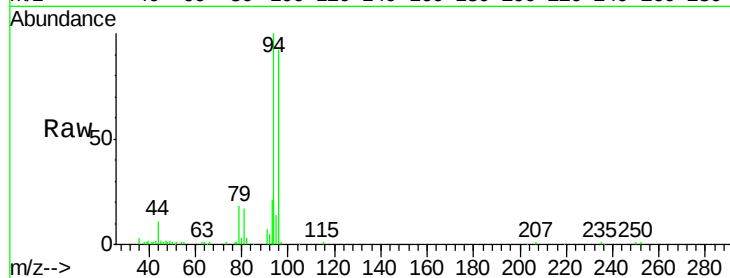
VW0627SBS01

Tgt Ion: 94 Resp: 30165

Ion Ratio Lower Upper

94 100

96 91.2 76.5 114.7



#6

Chloroethane

Concen: 20.977 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003581.D

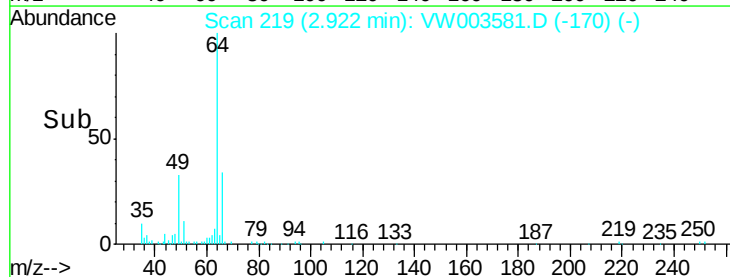
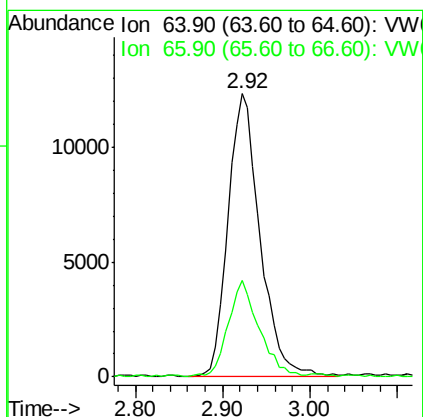
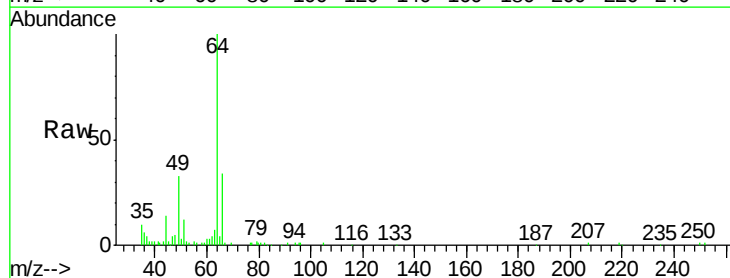
Acq: 26 Jun 2018 21:31

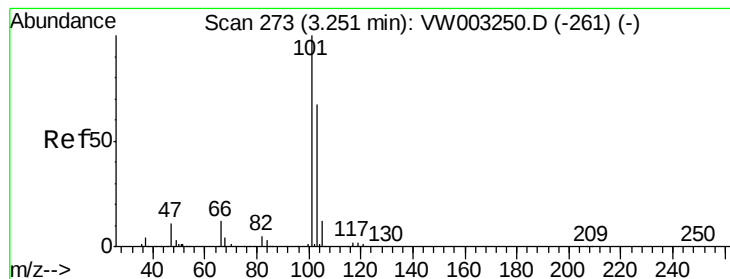
Tgt Ion: 64 Resp: 31460

Ion Ratio Lower Upper

64 100

66 34.1 24.4 36.6



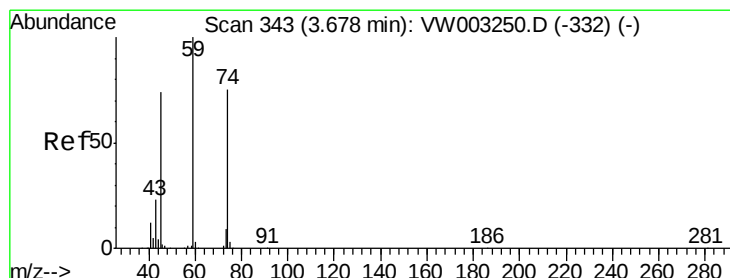
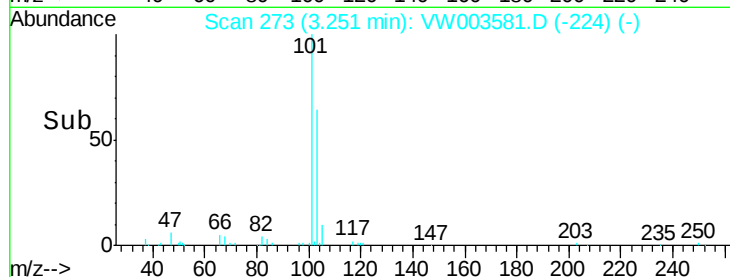
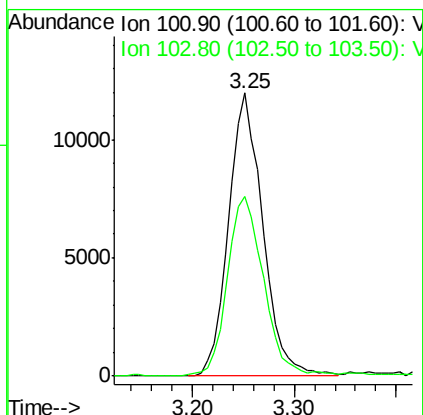
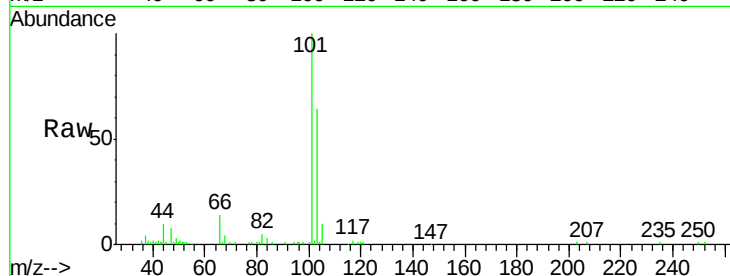


#7

Trichlorofluoromethane
 Concen: 21.577 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

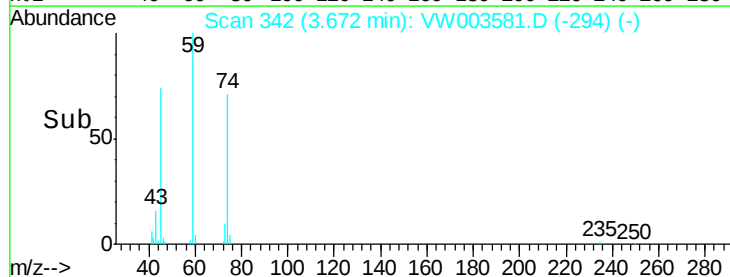
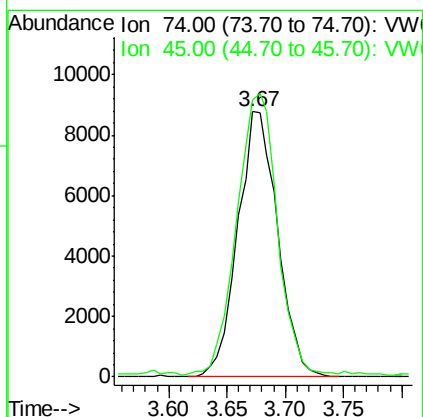
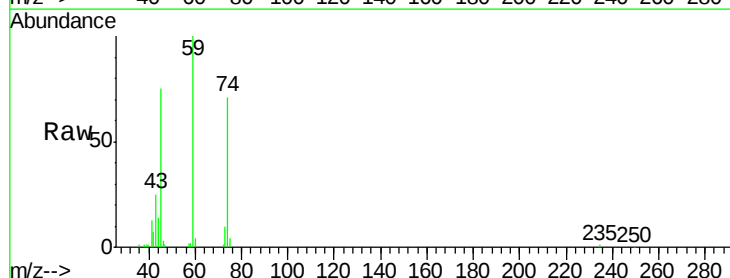
Tgt Ion:101 Resp: 27851
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.4 80.0

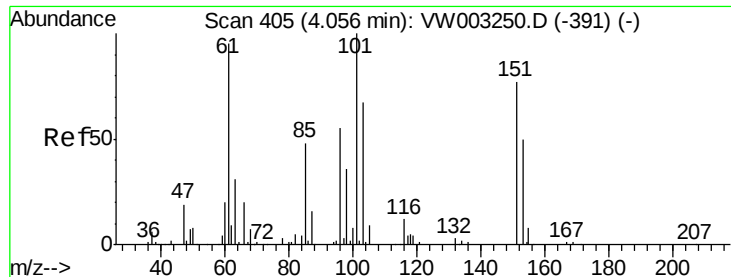


#8

Diethyl Ether
 Concen: 22.005 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion: 74 Resp: 20865
 Ion Ratio Lower Upper
 74 100
 45 107.7 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.353 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

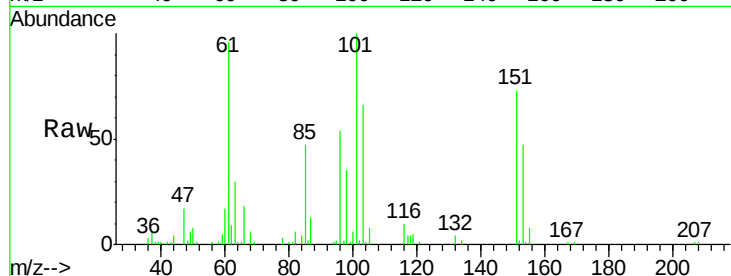
Tgt Ion:101 Resp: 40064

Ion Ratio Lower Upper

101 100

85 46.4 37.0 55.6

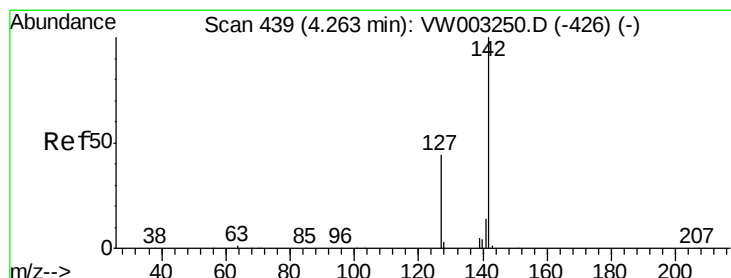
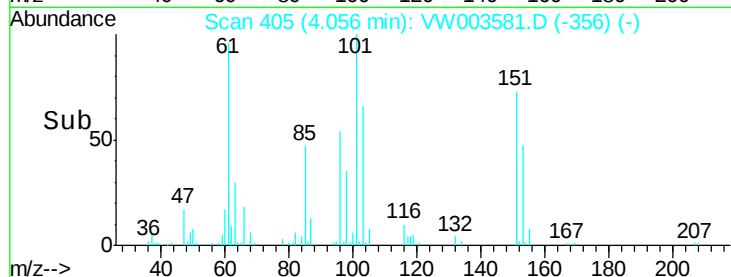
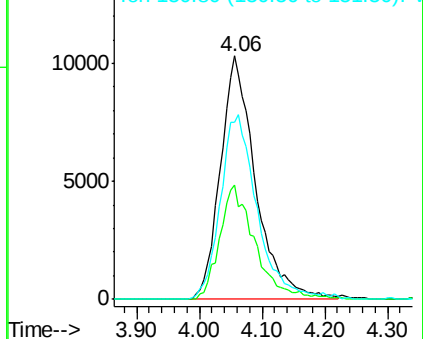
151 78.7 63.3 94.9



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: 21.802 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

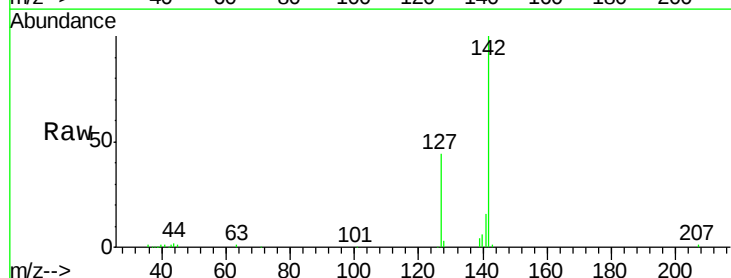
Tgt Ion:142 Resp: 59098

Ion Ratio Lower Upper

142 100

127 46.0 36.5 54.7

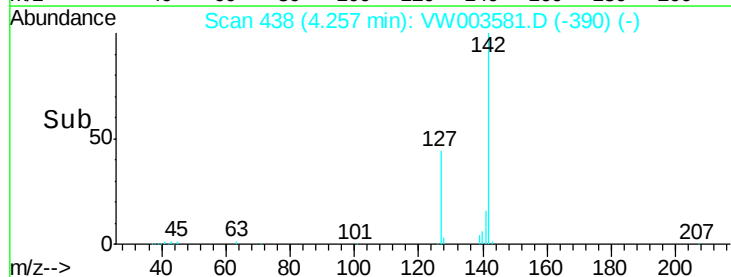
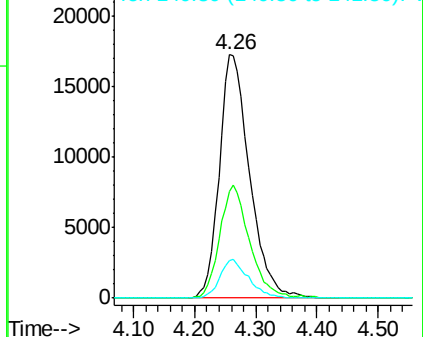
141 15.2 12.1 18.1

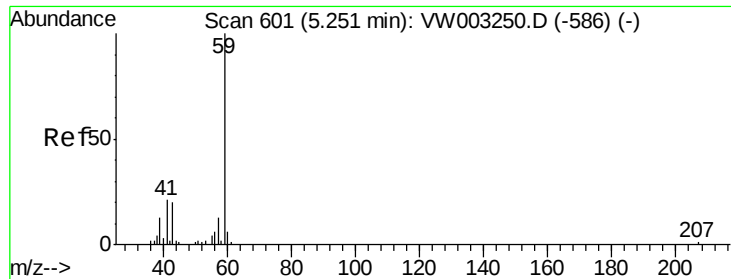


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

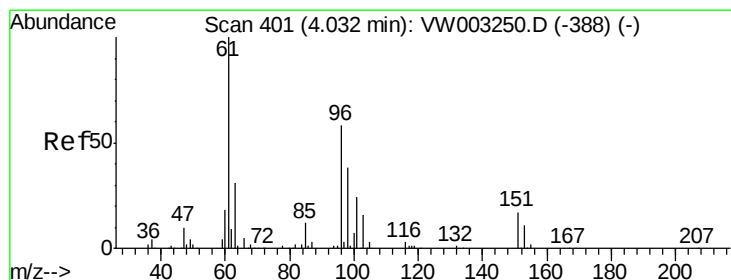
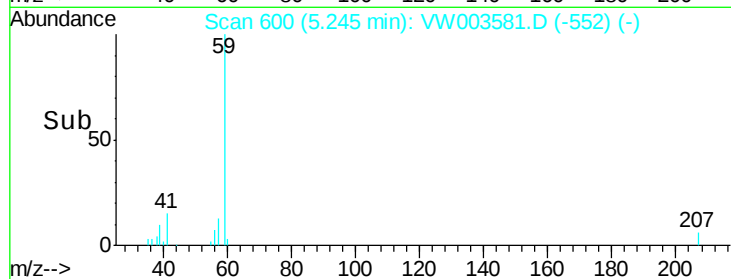
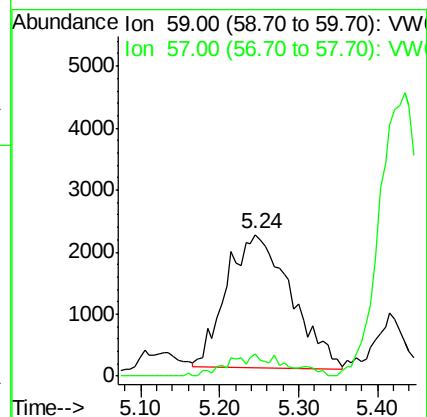
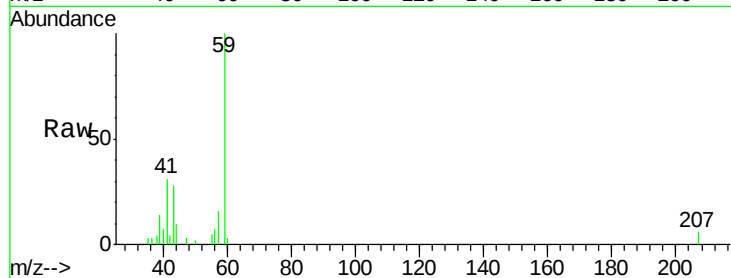




#11
Tert butyl alcohol
Concen: 108.640 ug/l
RT: 5.24 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

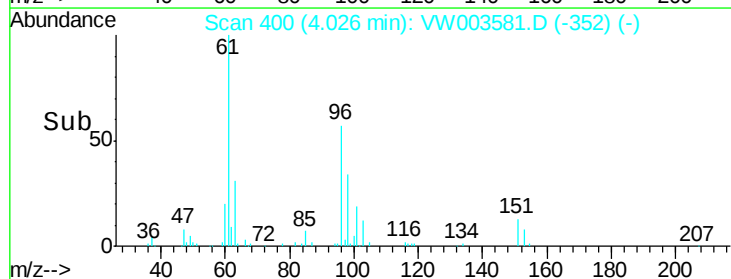
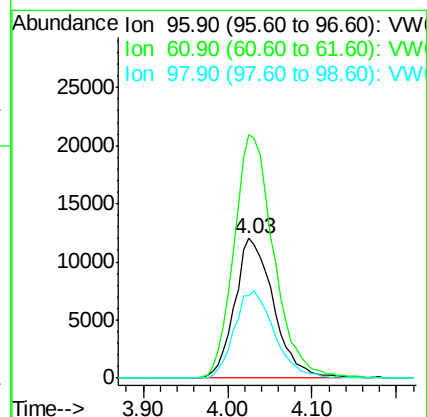
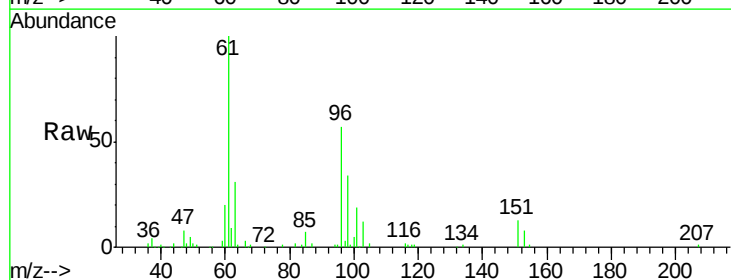
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

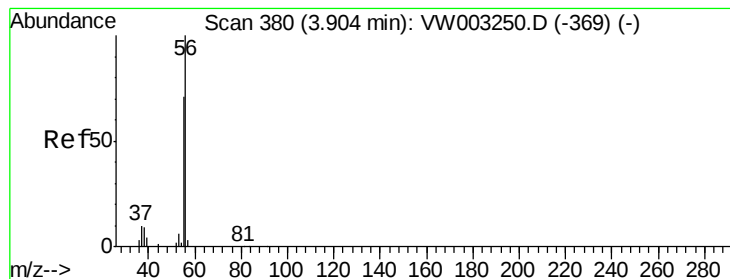
Tgt Ion: 59 Resp: 12211
Ion Ratio Lower Upper
59 100
57 5.3 4.2 6.2



#12
1,1-Dichloroethene
Concen: 21.508 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 96 Resp: 37672
Ion Ratio Lower Upper
96 100
61 174.5 139.0 208.4
98 59.1 53.3 79.9





#13

Acrolein

Concen: 76.963 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

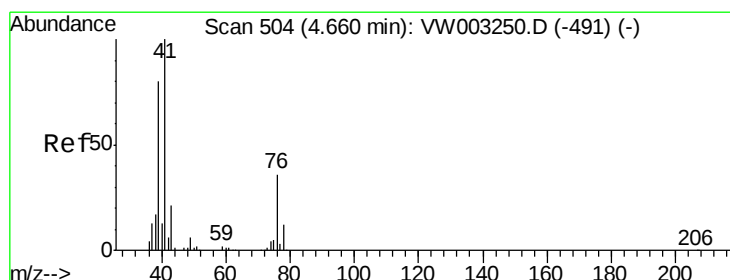
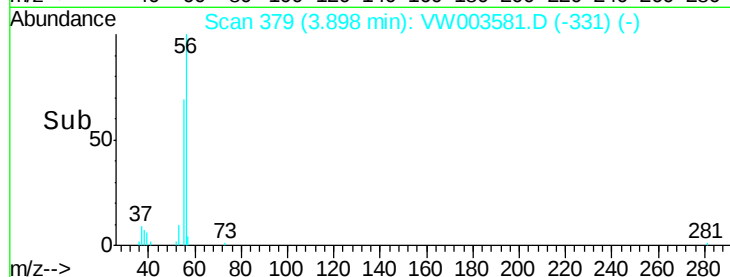
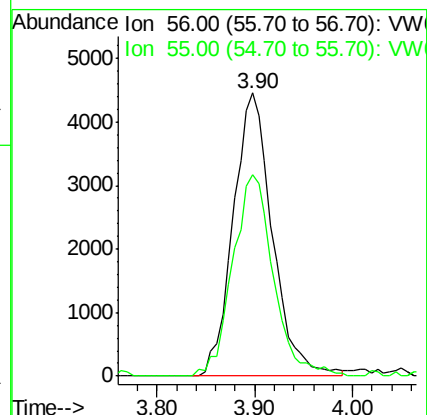
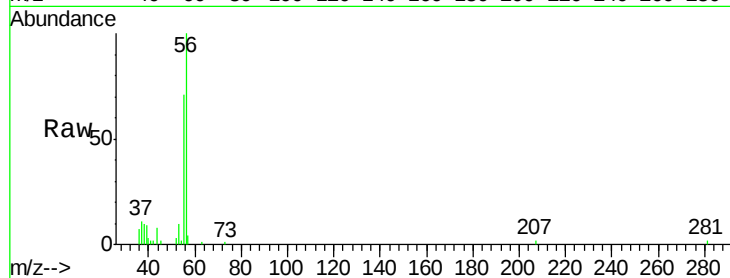
VW0627SBSD01

Tgt Ion: 56 Resp: 12368

Ion Ratio Lower Upper

56 100

55 74.0 55.4 83.2



#14

Allyl chloride

Concen: 21.875 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

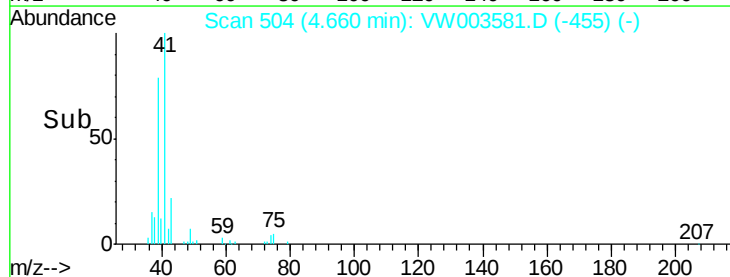
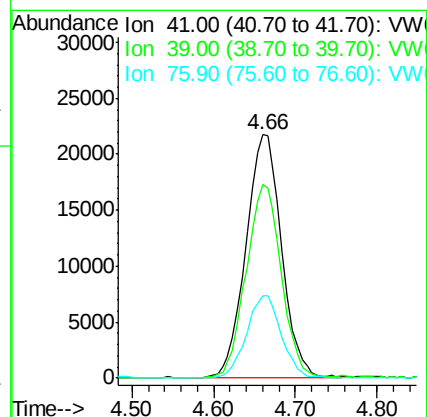
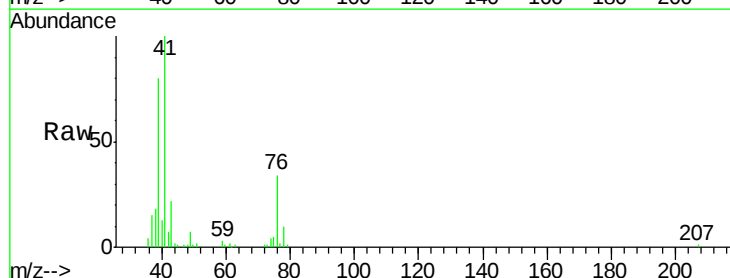
Tgt Ion: 41 Resp: 66370

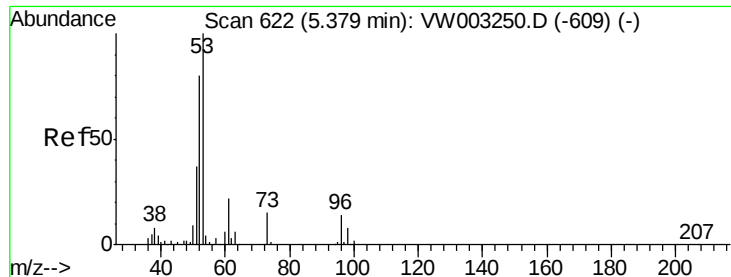
Ion Ratio Lower Upper

41 100

39 78.5 63.2 94.8

76 32.9 28.0 42.0





#15

Acrylonitrile

Concen: 121.644 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampled :

VW0627SBSD01

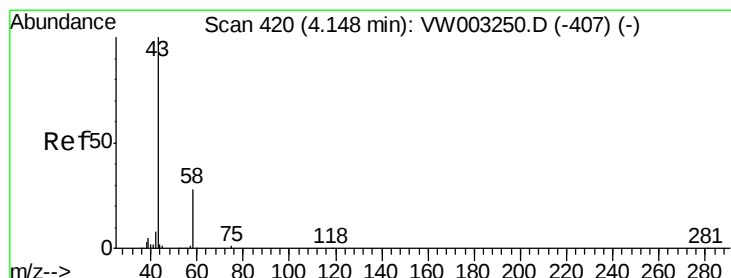
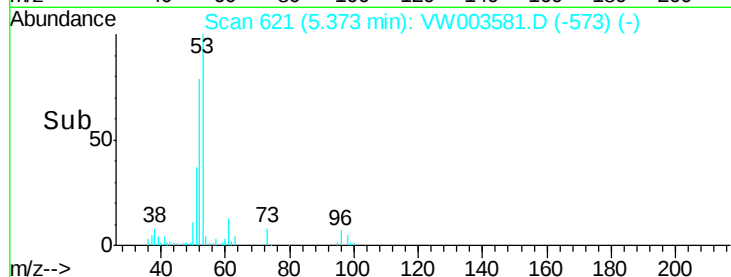
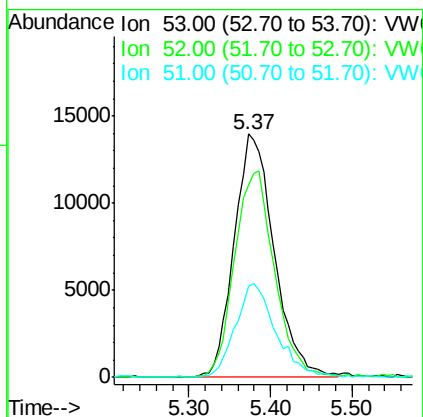
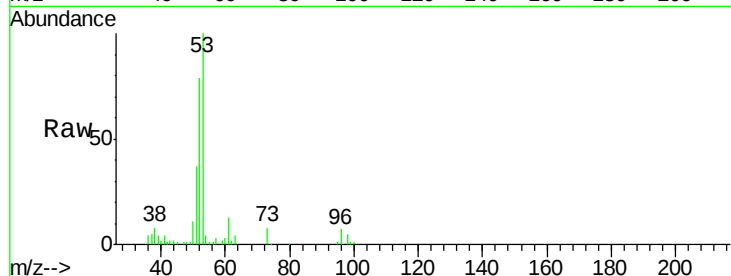
Tgt Ion: 53 Resp: 47456

Ion Ratio Lower Upper

53 100

52 84.9 66.6 100.0

51 39.1 30.6 46.0



#16

Acetone

Concen: 110.768 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003581.D

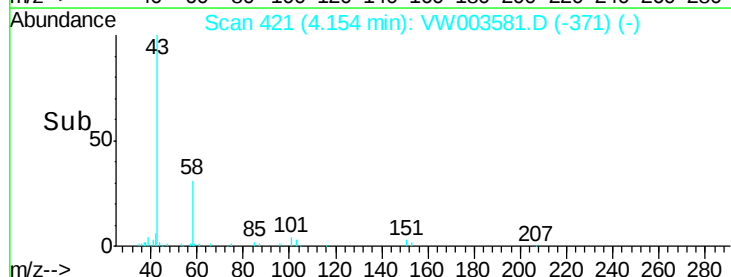
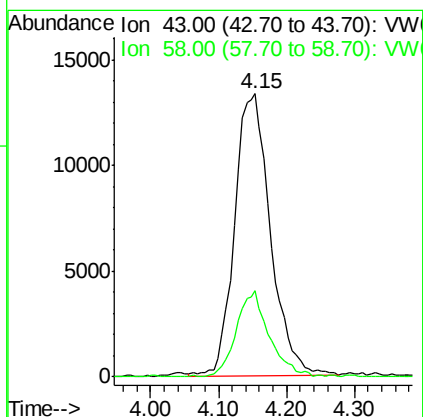
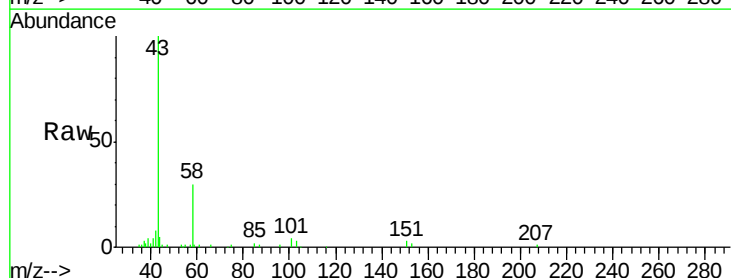
Acq: 26 Jun 2018 21:31

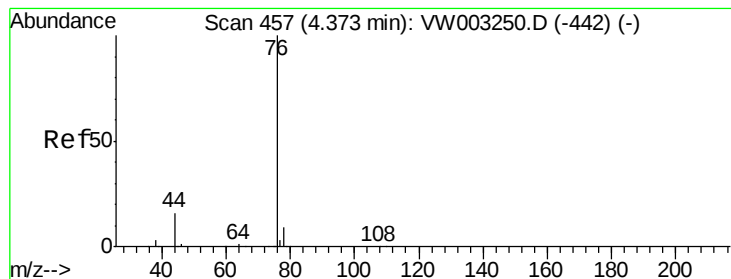
Tgt Ion: 43 Resp: 48688

Ion Ratio Lower Upper

43 100

58 30.7 22.6 34.0





#17

Carbon Disulfide

Concen: 21.500 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

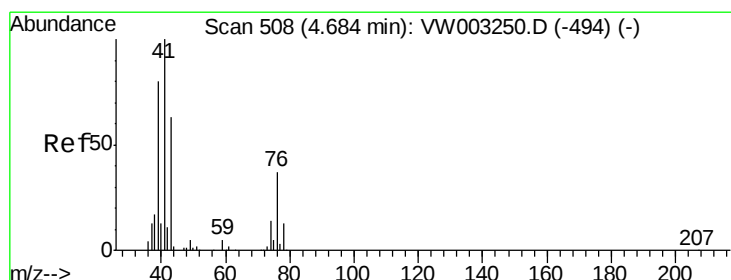
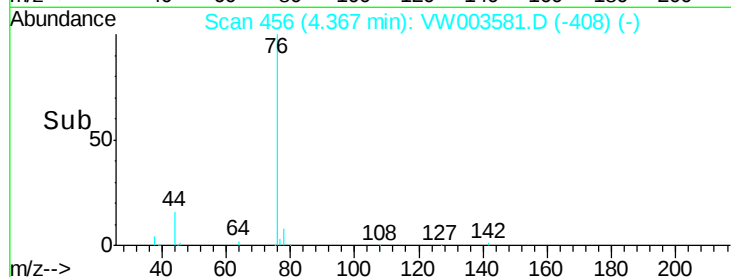
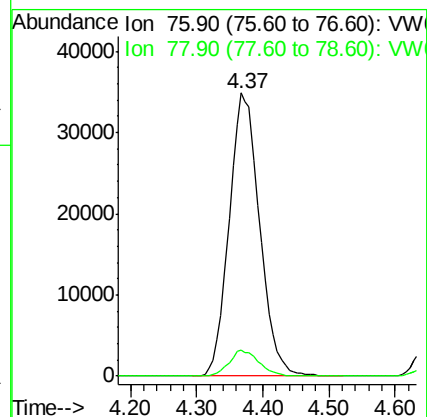
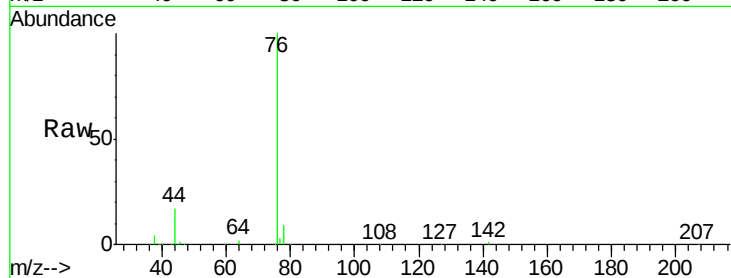
VW0627SBSD01

Tgt Ion: 76 Resp: 111334

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 23.587 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003581.D

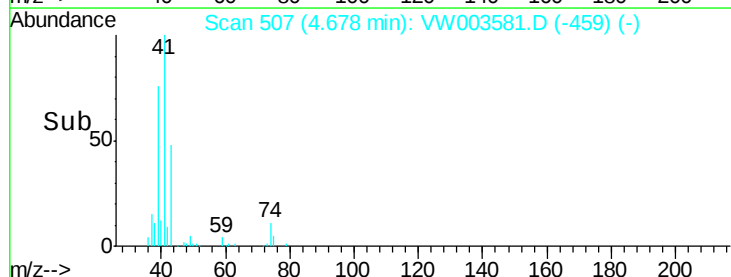
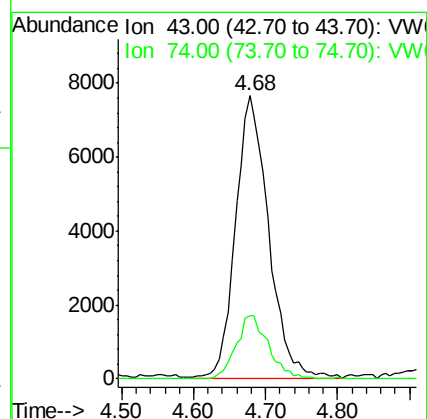
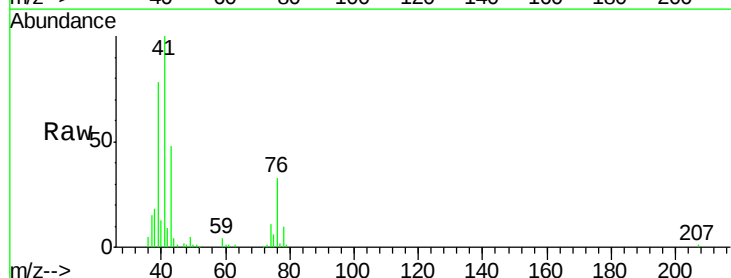
Acq: 26 Jun 2018 21:31

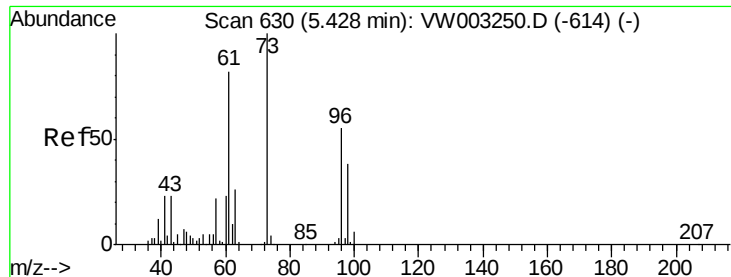
Tgt Ion: 43 Resp: 24595

Ion Ratio Lower Upper

43 100

74 21.6 18.7 28.1

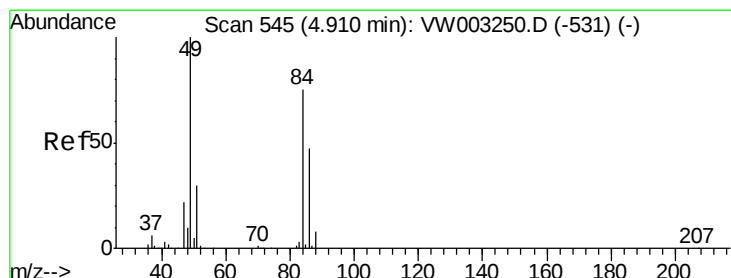
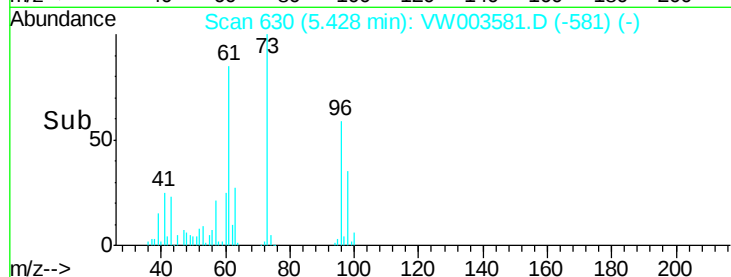
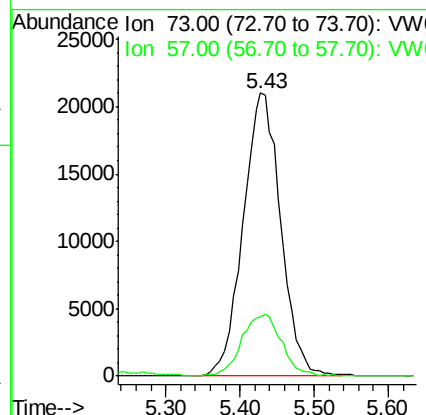
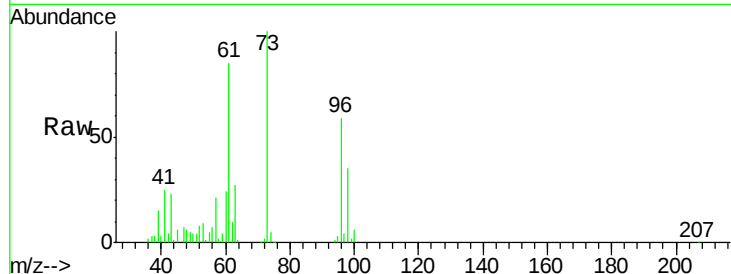




#19
Methyl tert-butyl Ether
Concen: 22.608 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

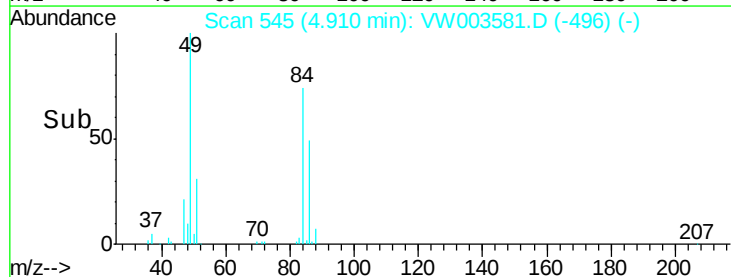
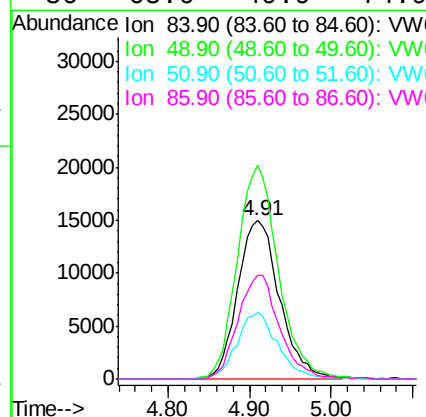
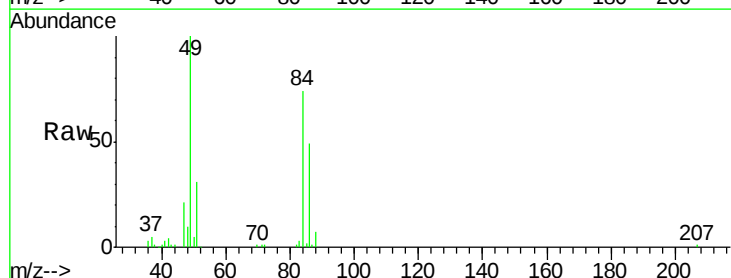
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

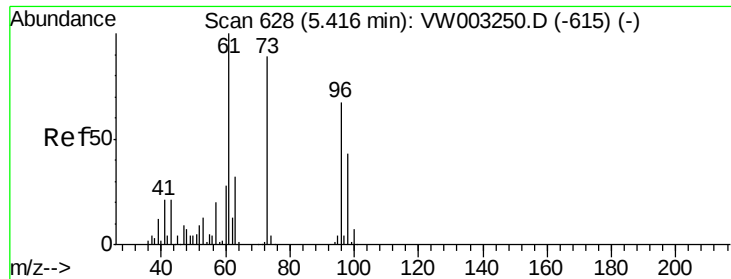
Tgt Ion: 73 Resp: 74169
Ion Ratio Lower Upper
73 100
57 20.8 18.0 27.0



#20
Methylene Chloride
Concen: 26.849 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 84 Resp: 53306
Ion Ratio Lower Upper
84 100
49 134.4 106.3 159.5
51 41.7 32.0 48.0
86 65.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.106 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

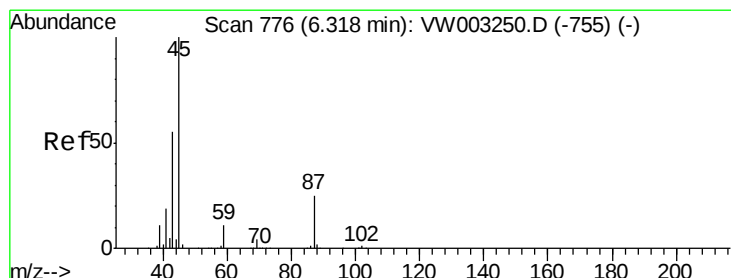
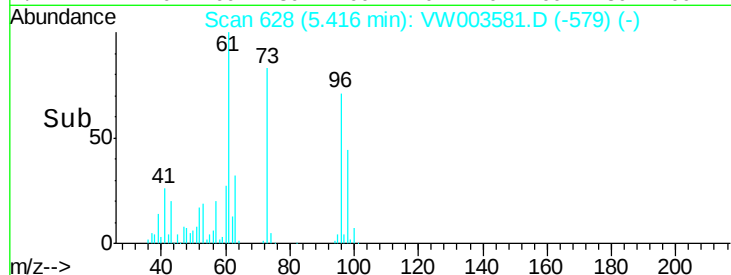
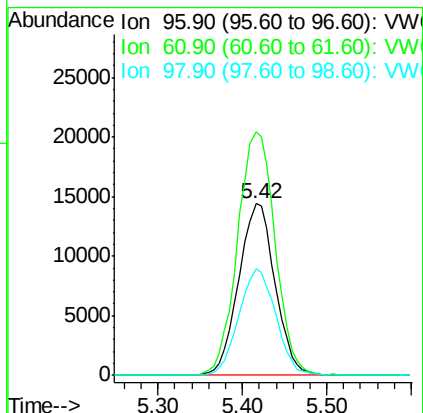
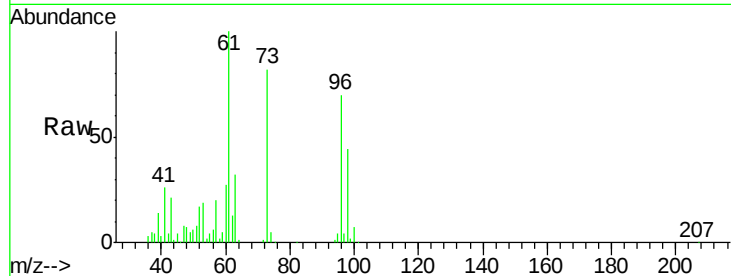
Tgt Ion: 96 Resp: 42140

Ion Ratio Lower Upper

96 100

61 142.1 118.7 178.1

98 62.3 51.0 76.6



#22

Diisopropyl ether

Concen: 22.950 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion: 45 Resp: 140134

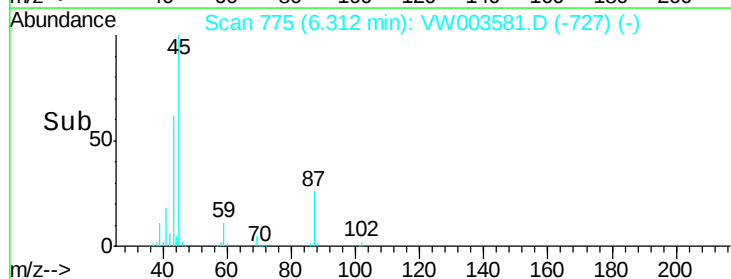
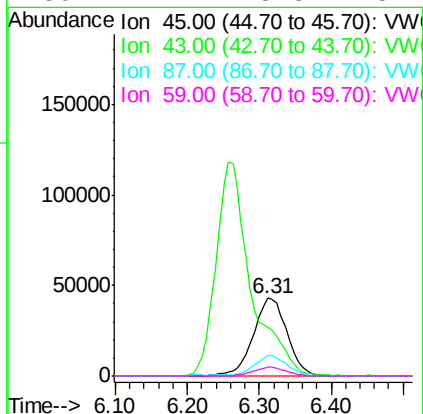
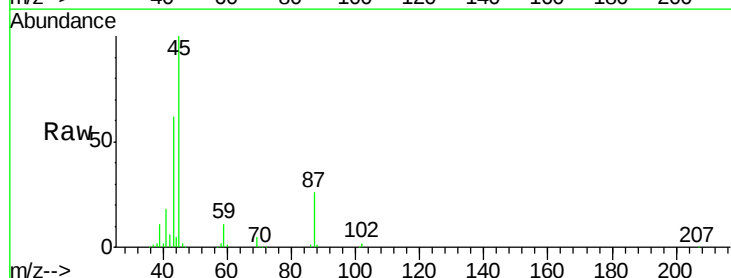
Ion Ratio Lower Upper

45 100

43 60.7 44.0 66.0

87 26.0 20.6 31.0

59 11.1 8.8 13.2





#23

Vinyl Acetate

Concen: 113.315 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

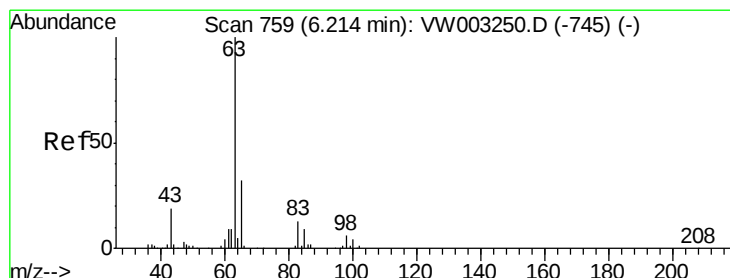
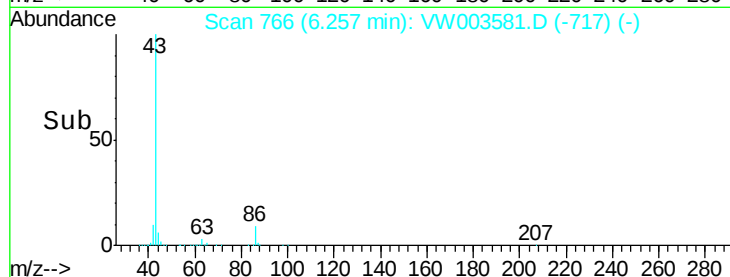
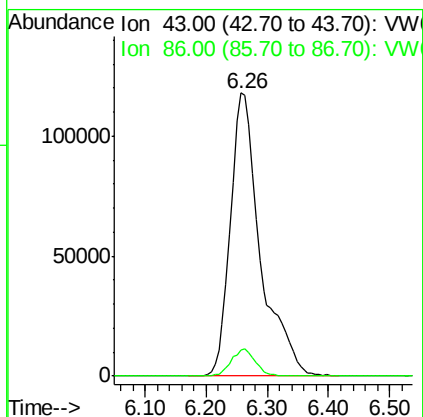
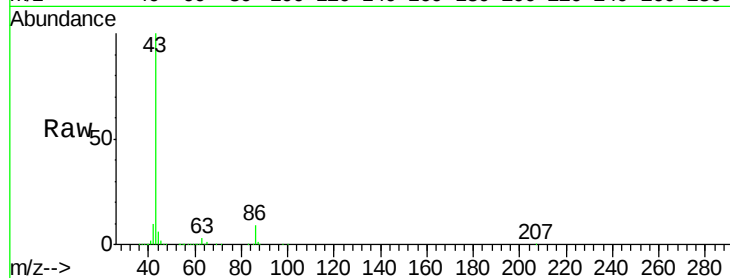
VW0627SBSD01

Tgt Ion: 43 Resp: 398730

Ion Ratio Lower Upper

43 100

86 9.1 7.5 11.3



#24

1,1-Dichloroethane

Concen: 22.526 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

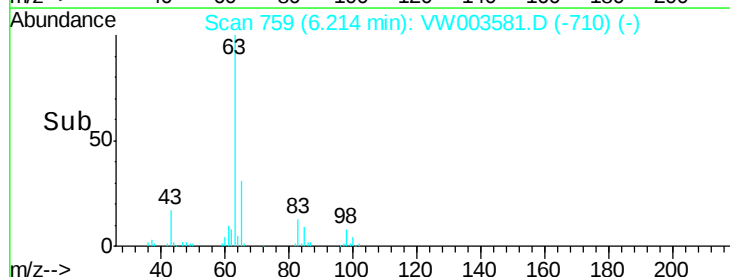
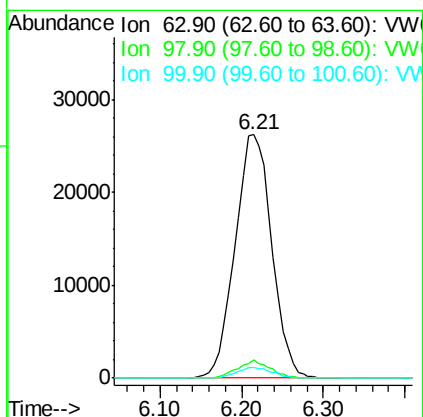
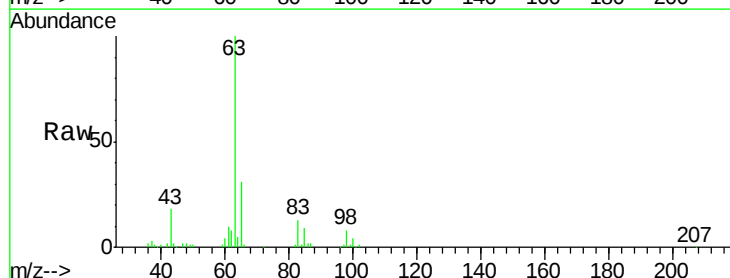
Tgt Ion: 63 Resp: 81656

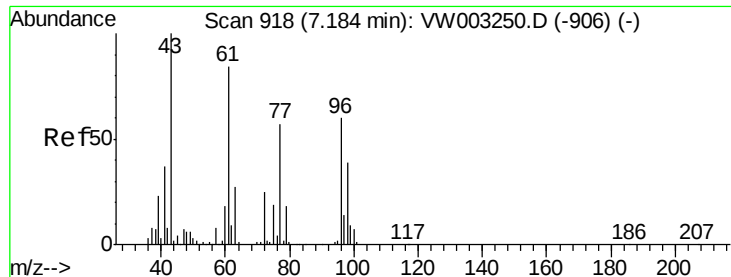
Ion Ratio Lower Upper

63 100

98 7.6 2.8 8.3

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 117.308 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

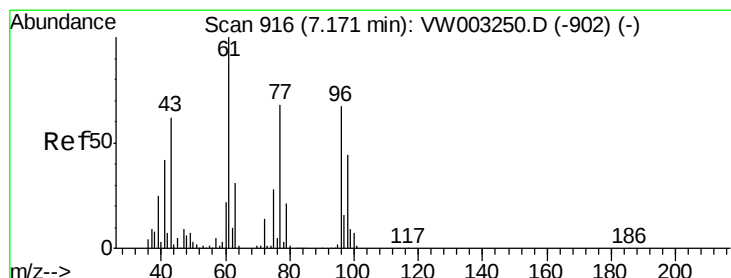
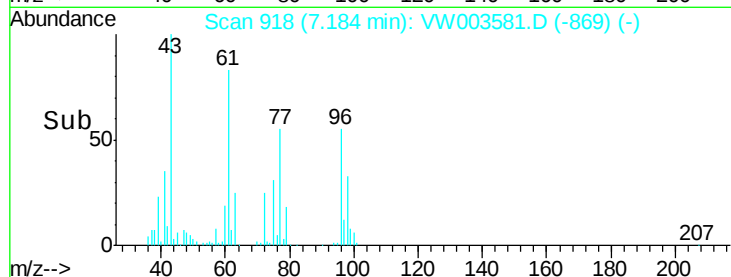
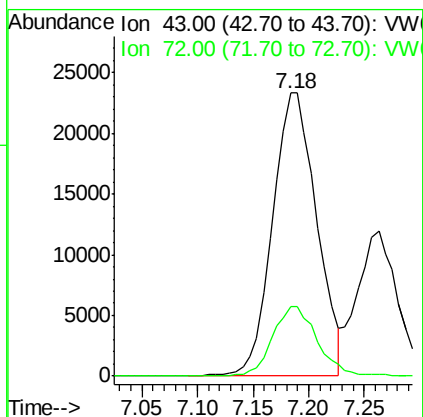
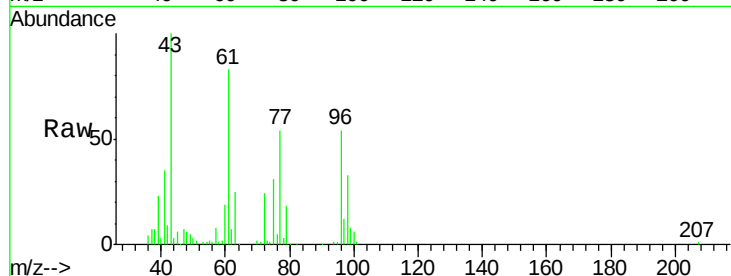
VW0627SBSD01

Tgt Ion: 43 Resp: 64117

Ion Ratio Lower Upper

43 100

72 24.5 20.3 30.5



#26

2,2-Dichloropropane

Concen: 20.761 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003581.D

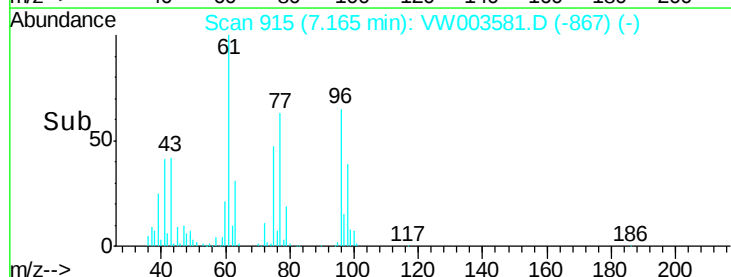
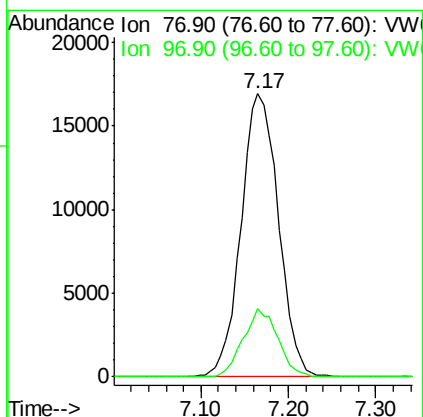
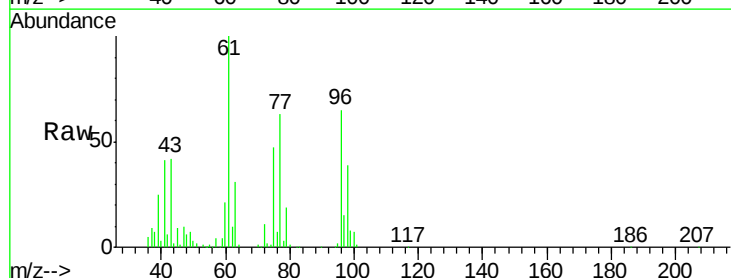
Acq: 26 Jun 2018 21:31

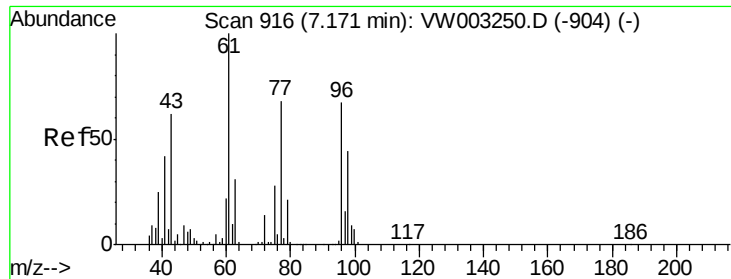
Tgt Ion: 77 Resp: 50225

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9



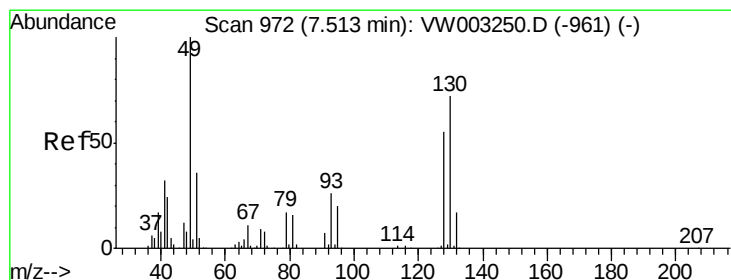
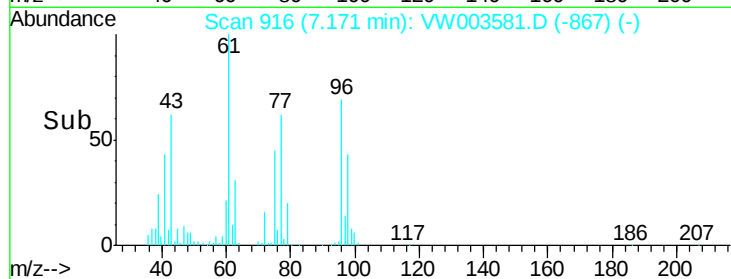
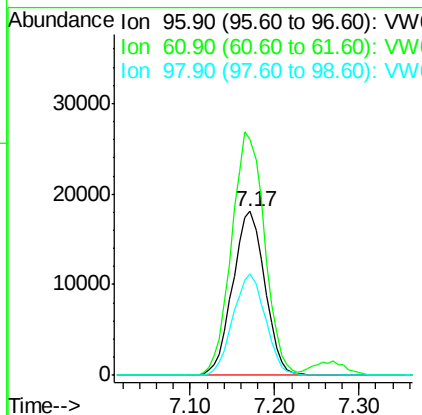
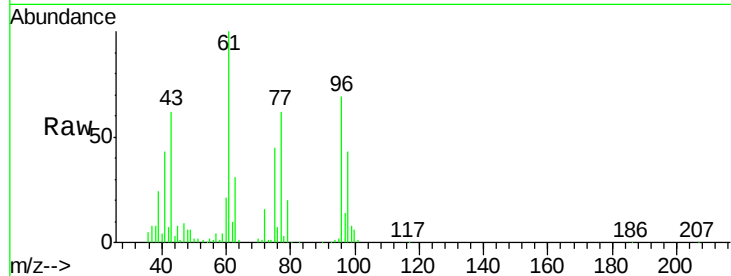


#27

cis-1,2-Dichloroethene
Concen: 22.437 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

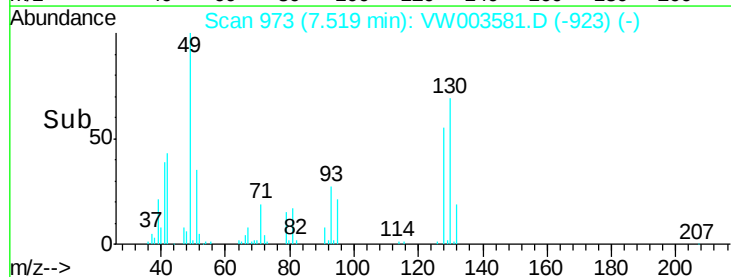
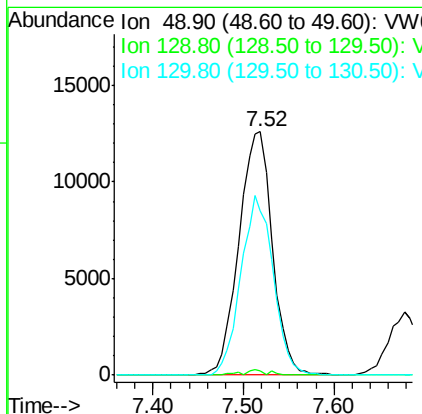
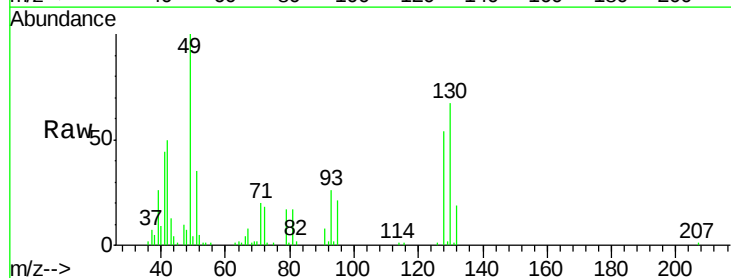
Tgt Ion: 96 Resp: 46985
Ion Ratio Lower Upper
96 100
61 151.2 0.0 298.8
98 61.8 0.0 130.4

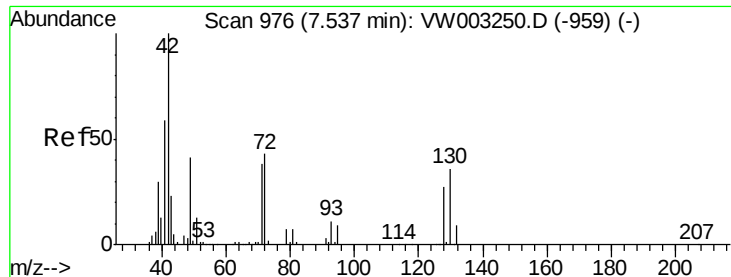


#28

Bromochloromethane
Concen: 21.280 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 49 Resp: 32100
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.6
130 71.5 59.4 89.2

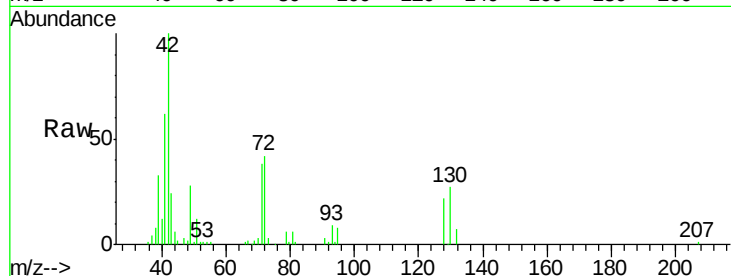




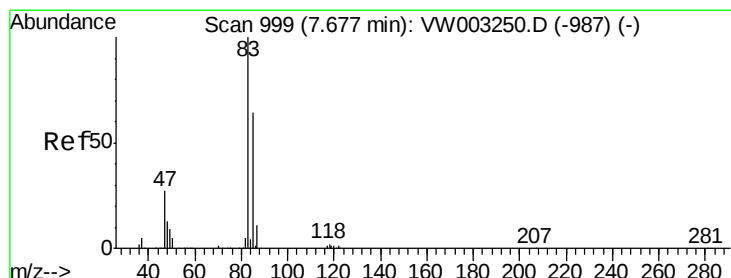
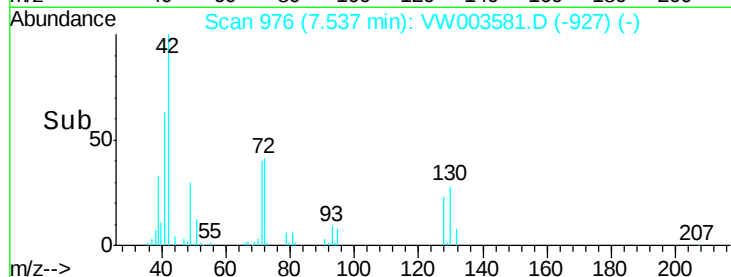
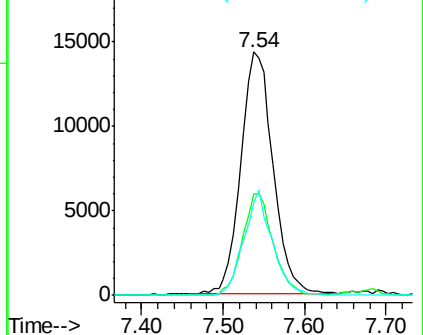
#29
Tetrahydrofuran
Concen: 118.233 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

Tgt Ion: 42 Resp: 39495
Ion Ratio Lower Upper
42 100
72 40.2 32.4 48.6
71 38.1 31.2 46.8

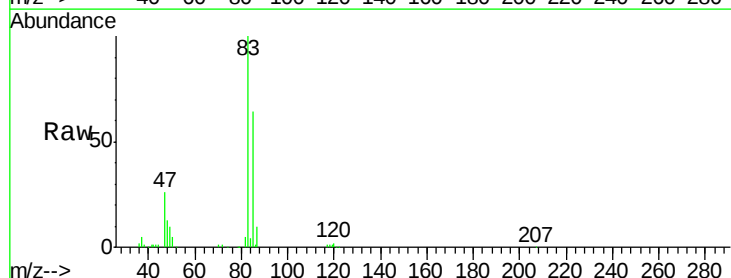


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

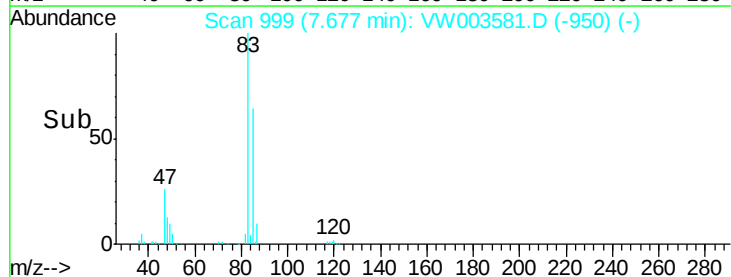
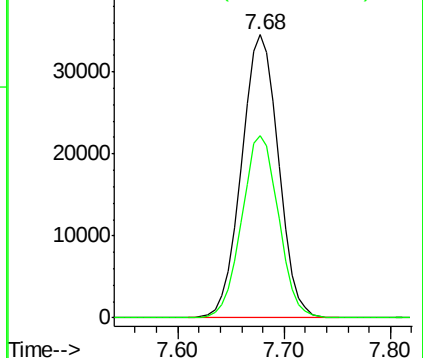


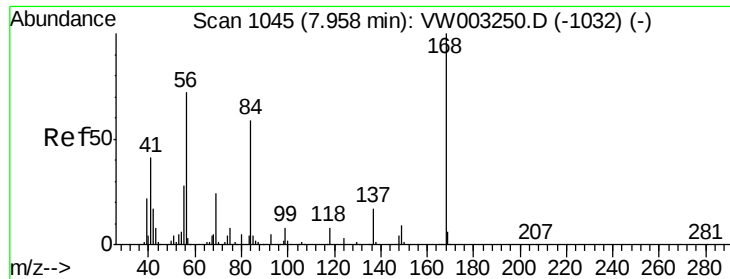
#30
Chloroform
Concen: 22.790 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 83 Resp: 84165
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9



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

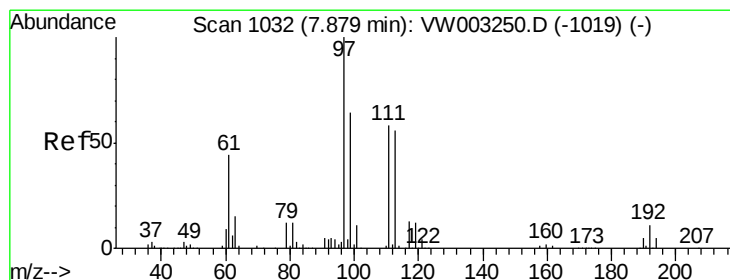
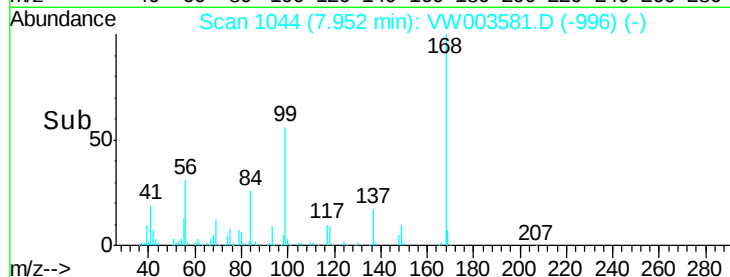
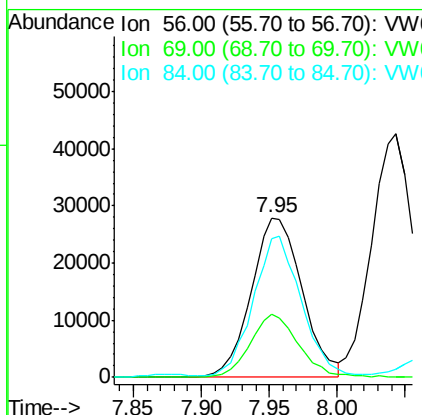
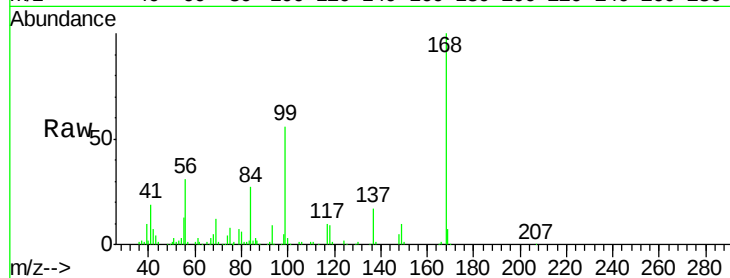




#31
Cyclohexane
Concen: 21.550 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

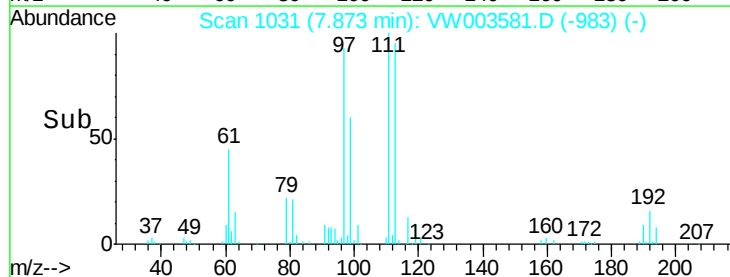
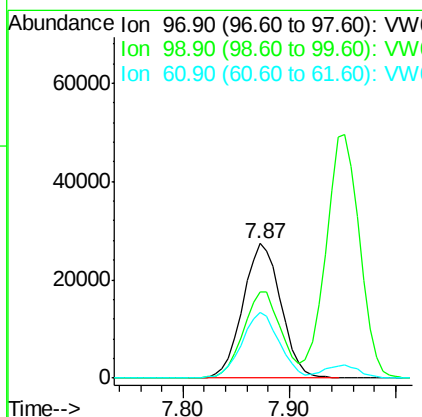
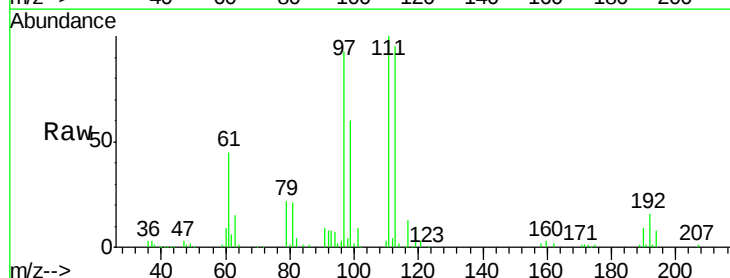
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

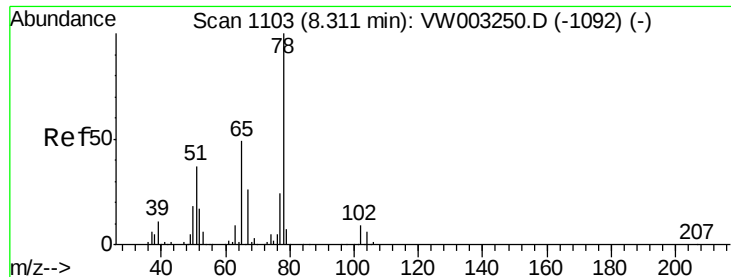
Tgt Ion: 56 Resp: 72980
Ion Ratio Lower Upper
56 100
69 39.5 26.3 39.5#
84 85.8 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 22.669 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 97 Resp: 69102
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 47.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 55.750 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

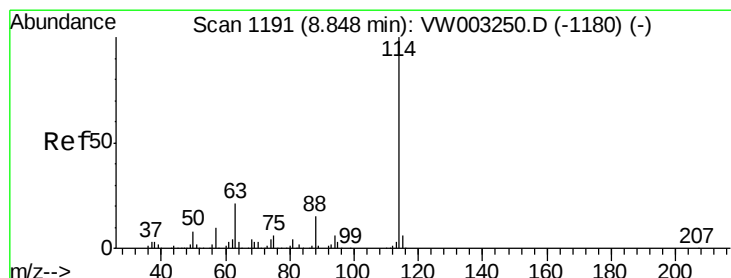
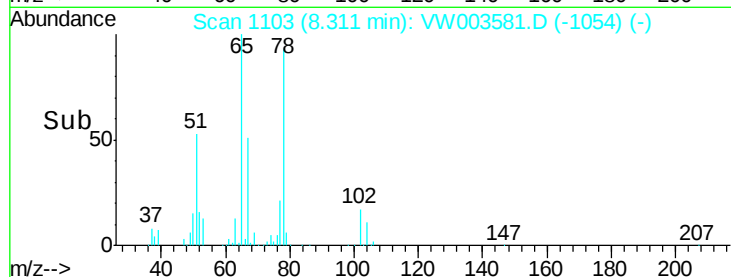
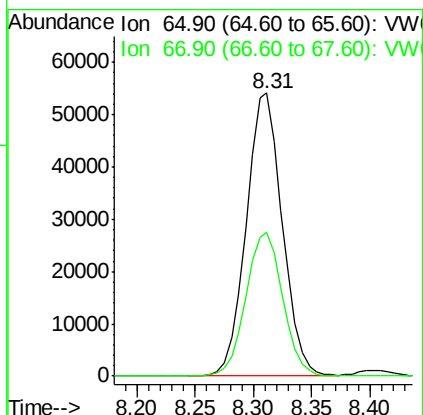
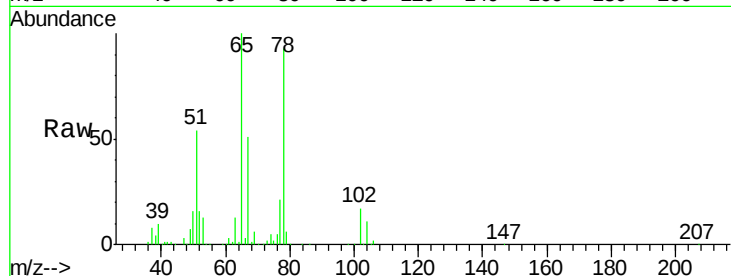
VW0627SBSD01

Tgt Ion: 65 Resp: 116841

Ion Ratio Lower Upper

65 100

67 51.9 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: VW003581.D

Acq: 26 Jun 2018 21:31

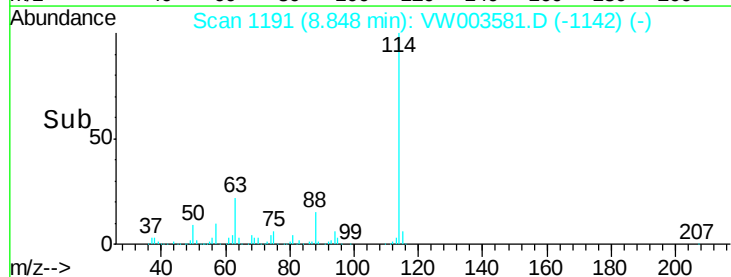
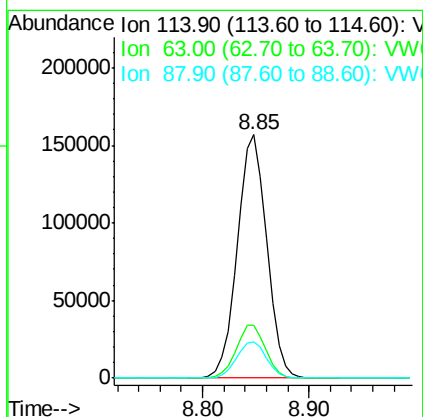
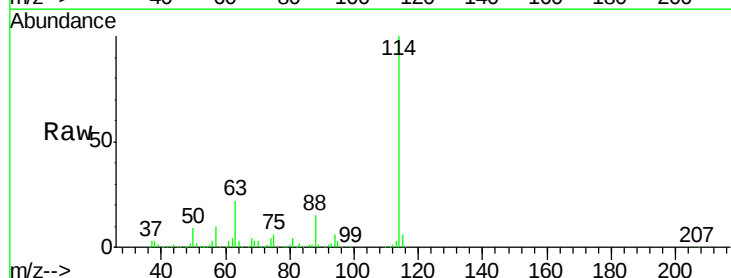
Tgt Ion: 114 Resp: 304339

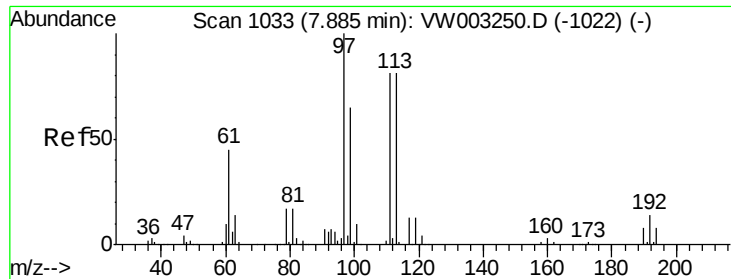
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 54.116 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

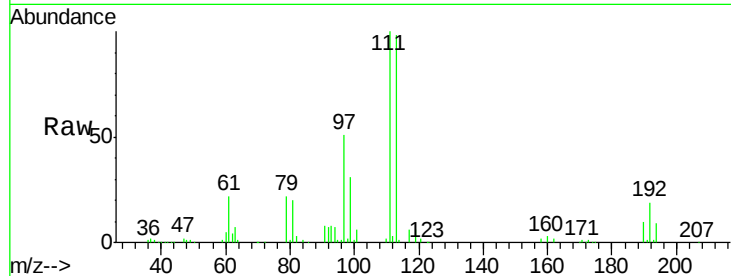
Tgt Ion:113 Resp: 102338

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

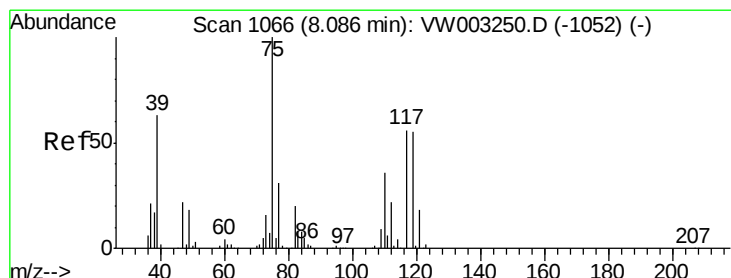
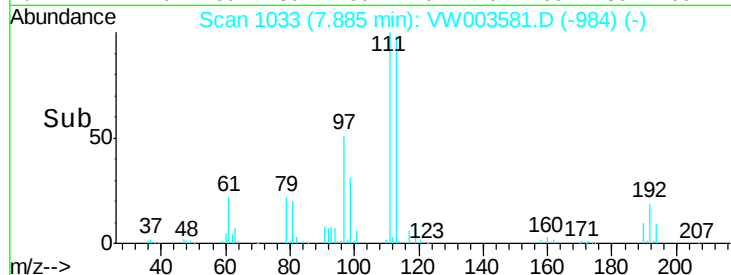
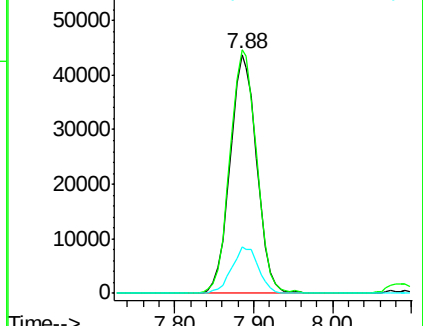
192 19.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.220 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

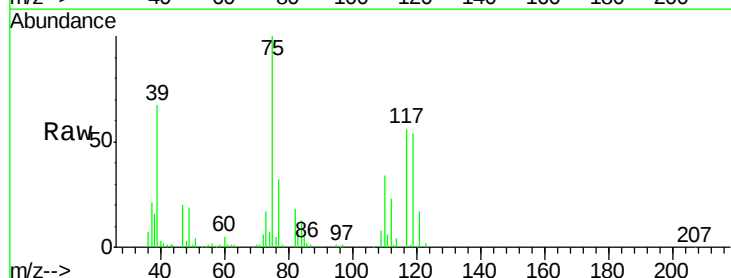
Tgt Ion: 75 Resp: 65306

Ion Ratio Lower Upper

75 100

110 34.4 17.1 51.3

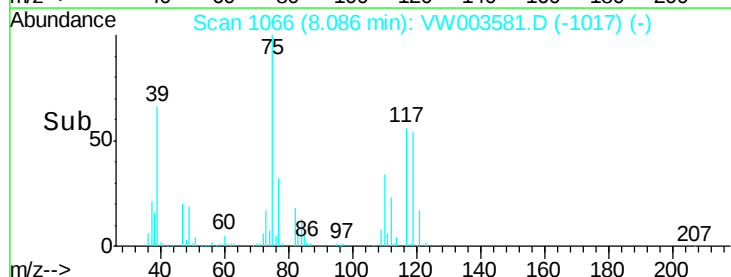
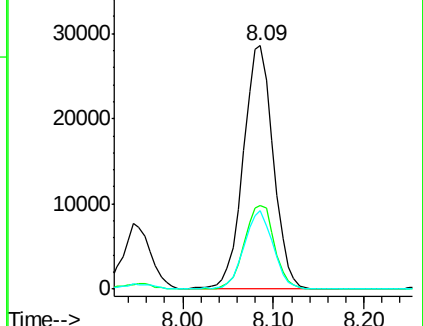
77 31.3 24.9 37.3

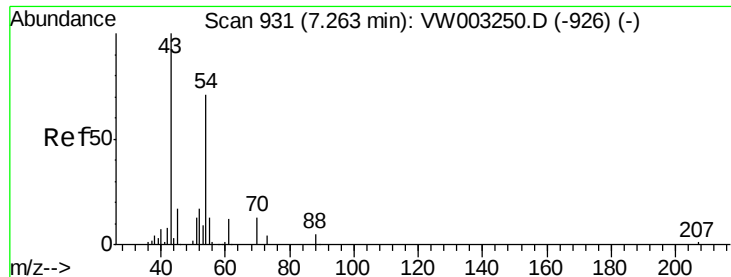


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

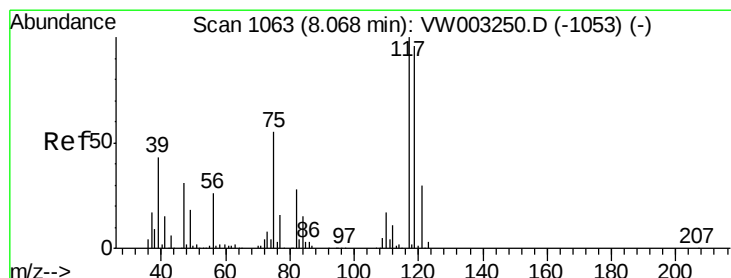
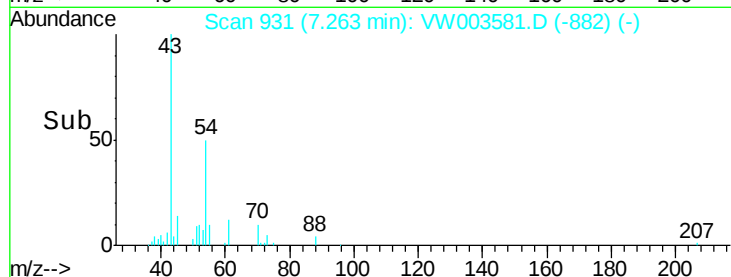
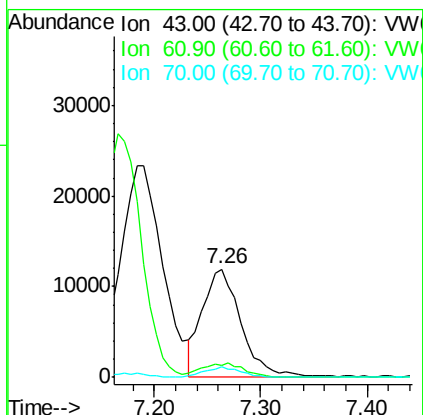
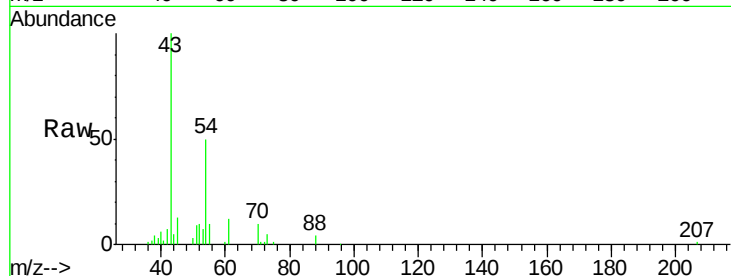




#37
Ethyl Acetate
Concen: 24.226 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

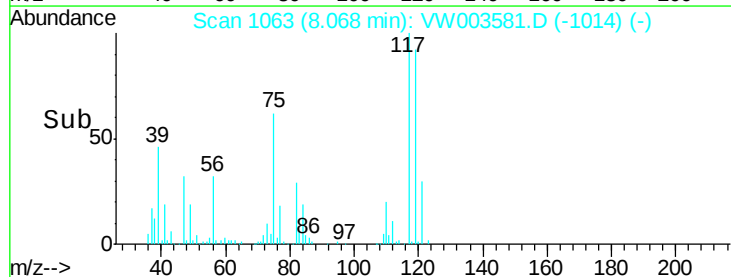
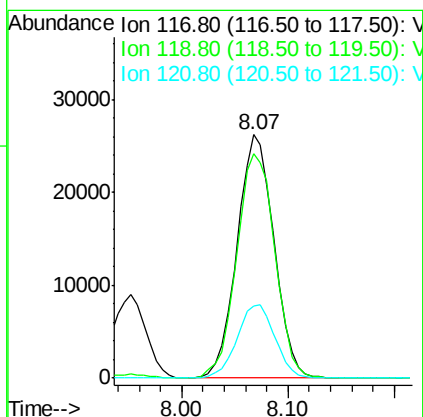
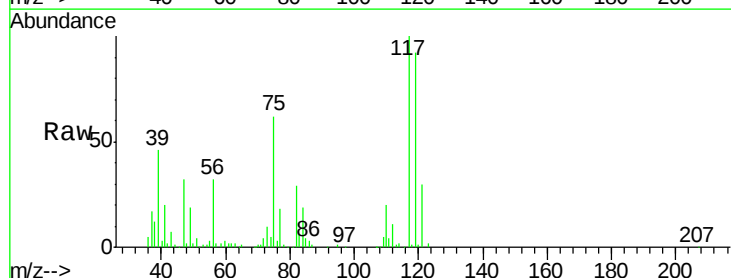
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

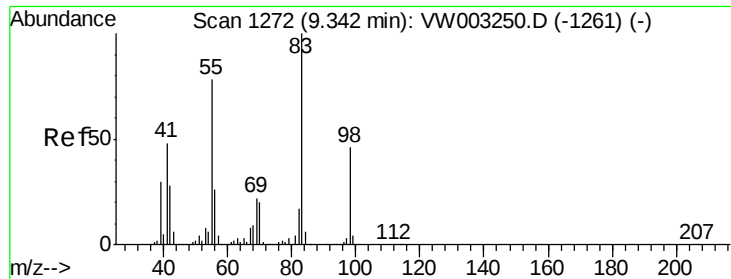
Tgt Ion: 43 Resp: 29498
Ion Ratio Lower Upper
43 100
61 14.5 10.8 16.2
70 9.2 7.8 11.6



#38
Carbon Tetrachloride
Concen: 22.122 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 117 Resp: 63777
Ion Ratio Lower Upper
117 100
119 92.3 76.6 115.0
121 29.7 23.9 35.9

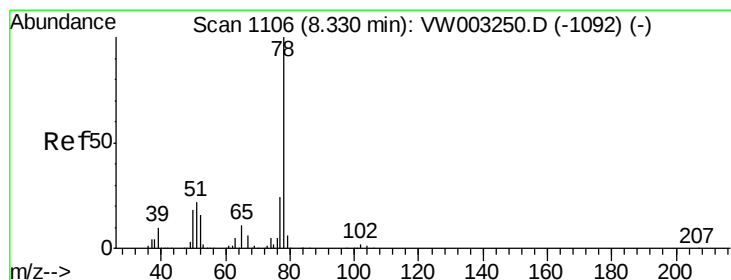
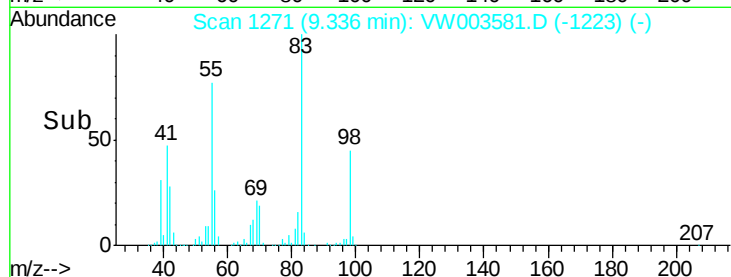
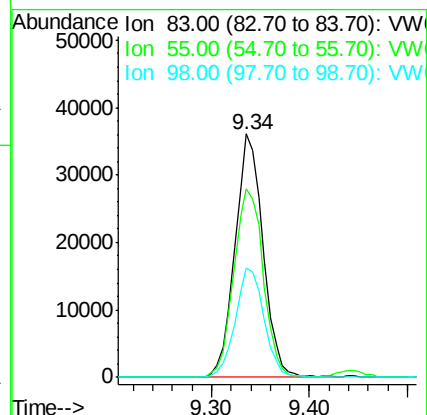
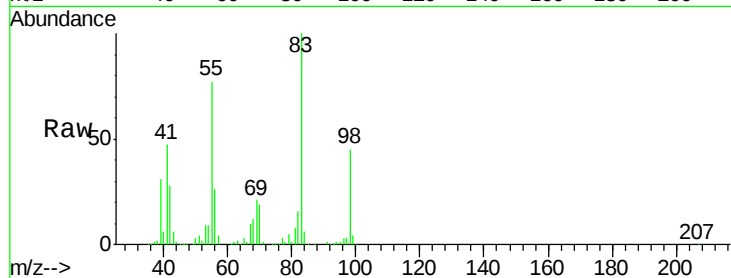




#39
Methylcyclohexane
Concen: 21.084 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

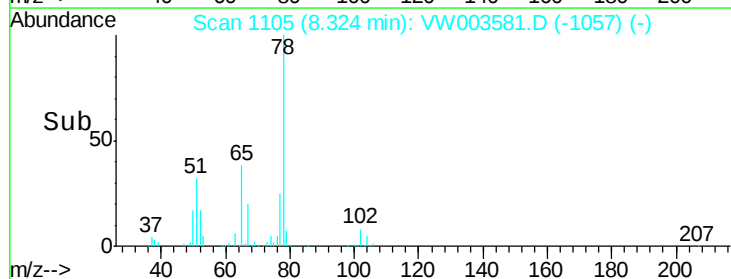
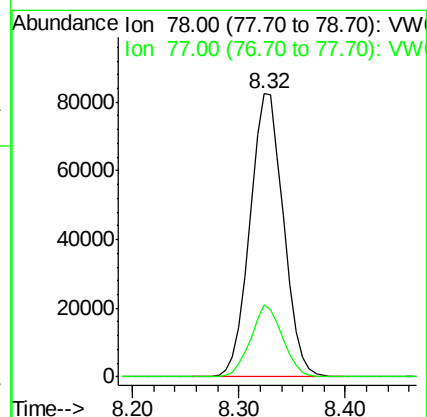
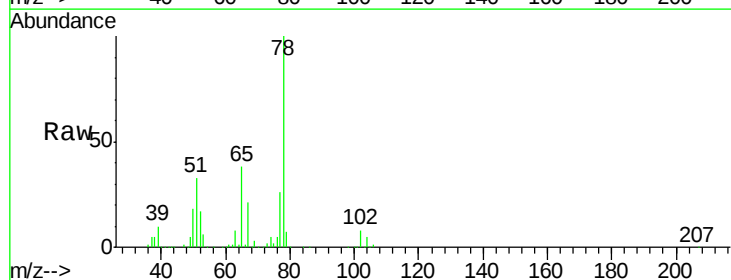
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tgt Ion: 83 Resp: 71703
Ion Ratio Lower Upper
83 100
55 77.3 62.6 93.8
98 45.0 37.0 55.4



#40
Benzene
Concen: 22.532 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 78 Resp: 182543
Ion Ratio Lower Upper
78 100
77 25.6 19.0 28.6

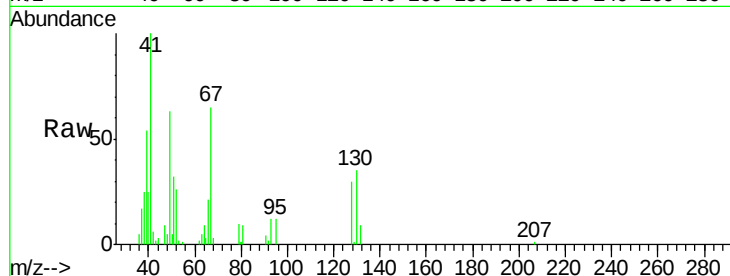




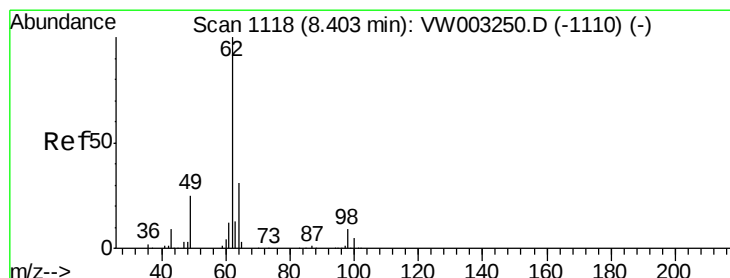
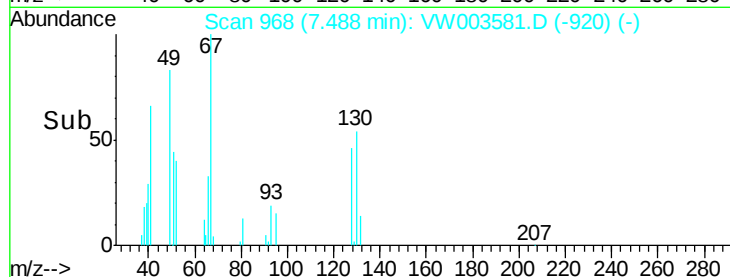
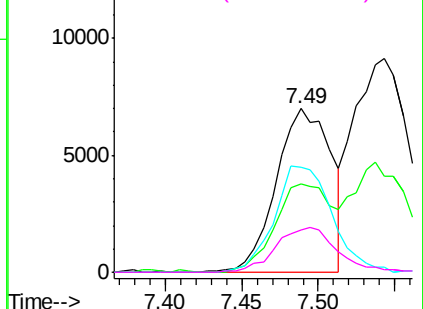
#41
Methacrylonitrile
Concen: 23.348 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

Tgt Ion:	41	Resp:	17445
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.8	68.8
67	68.1	52.3	78.5
52	30.5	24.1	36.1

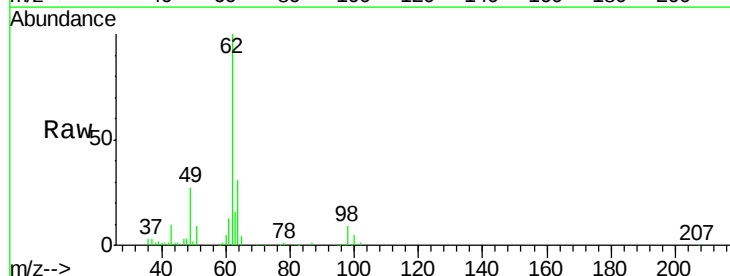


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

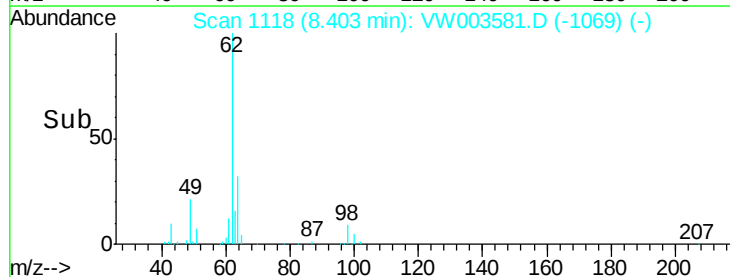
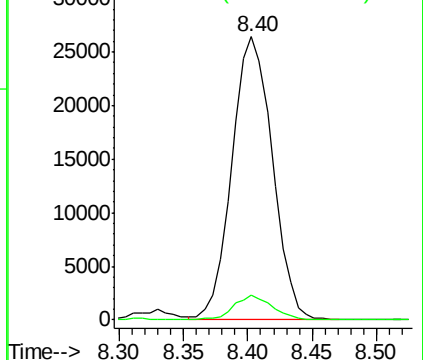


#42
1,2-Dichloroethane
Concen: 22.776 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion:	62	Resp:	57810
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: 22.865 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

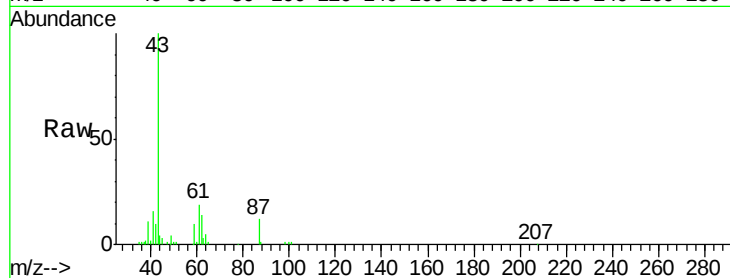
Tgt Ion: 43 Resp: 55280

Ion Ratio Lower Upper

43 100

61 29.4 23.1 34.7

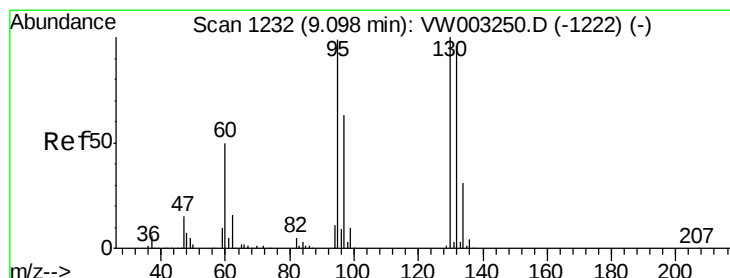
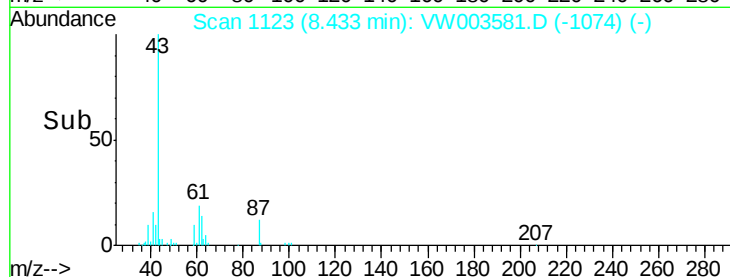
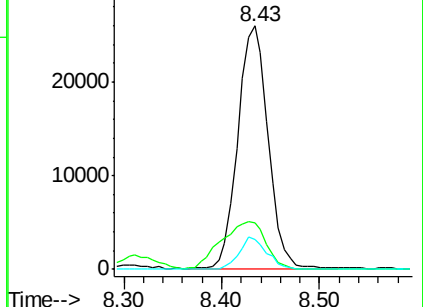
87 12.1 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.873 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003581.D

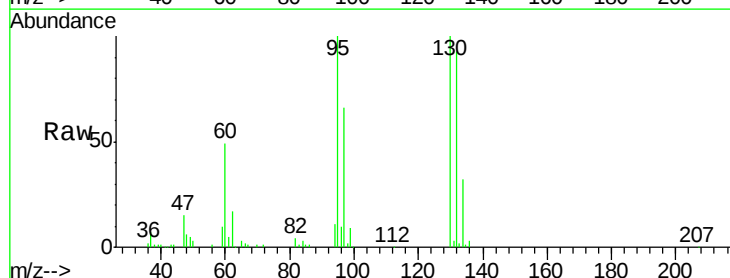
Acq: 26 Jun 2018 21:31

Tgt Ion: 130 Resp: 46955

Ion Ratio Lower Upper

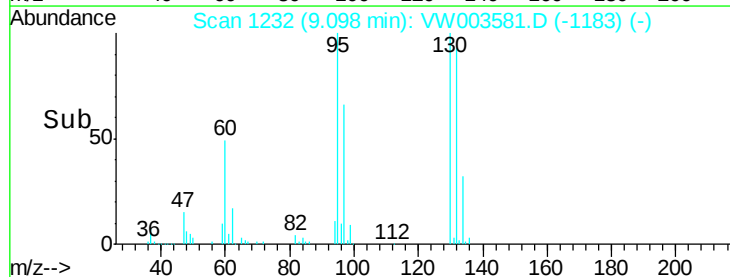
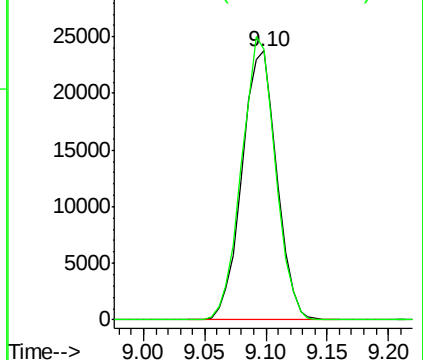
130 100

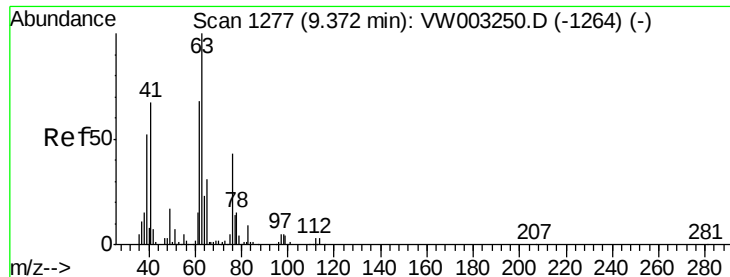
95 100.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 22.998 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampled :

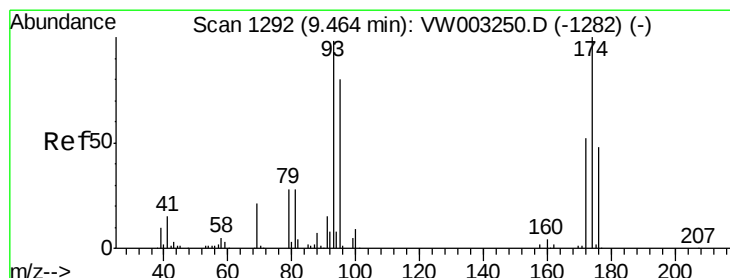
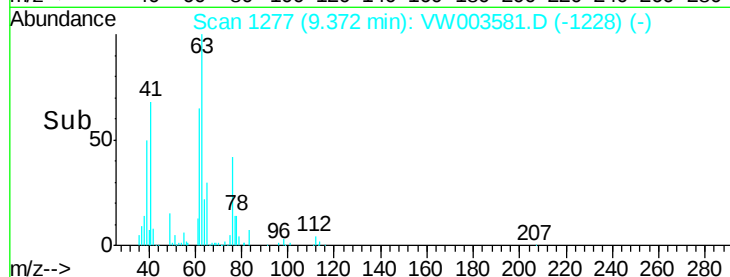
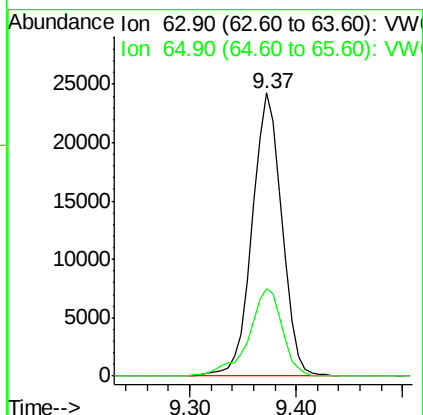
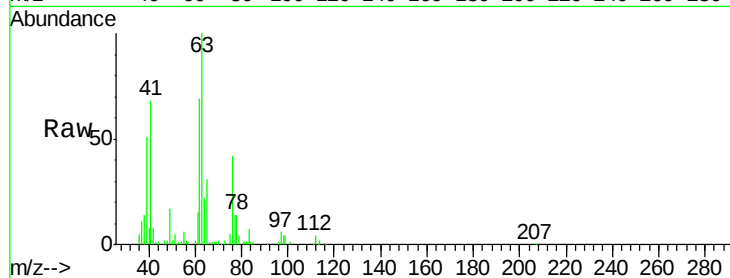
VW0627SBS01

Tgt Ion: 63 Resp: 47440

Ion Ratio Lower Upper

63 100

65 31.0 25.1 37.7



#46

Dibromomethane

Concen: 22.997 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

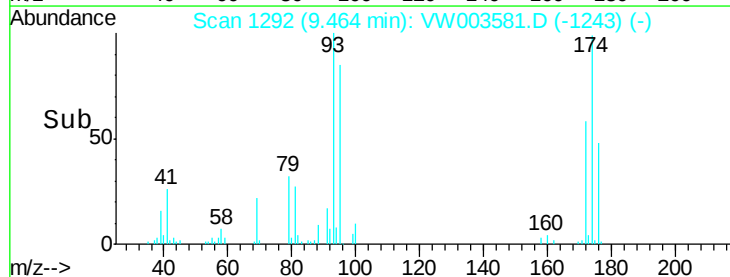
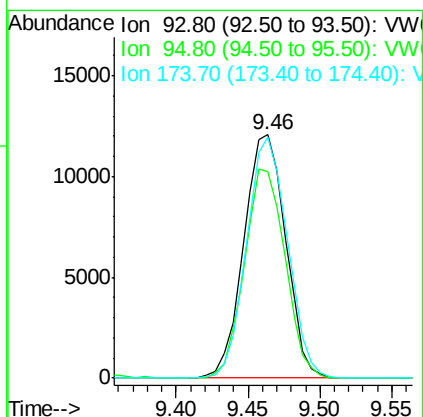
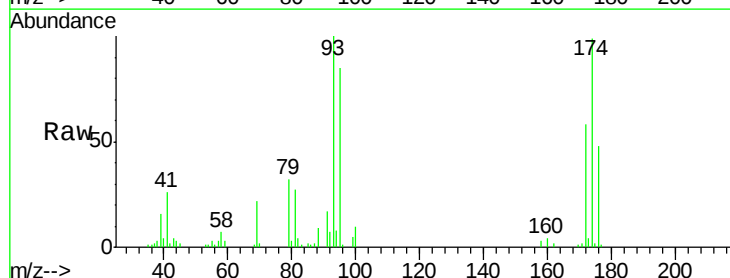
Tgt Ion: 93 Resp: 24287

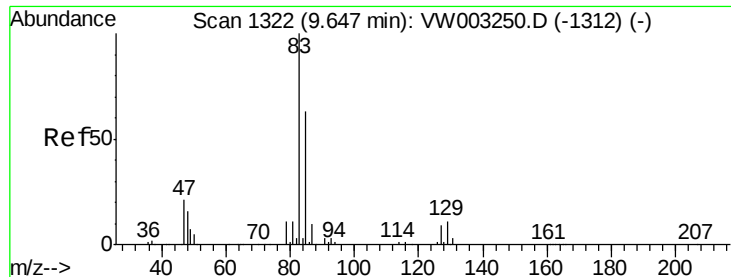
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.8

174 96.9 81.4 122.0





#47

Bromodichloromethane

Concen: 22.560 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

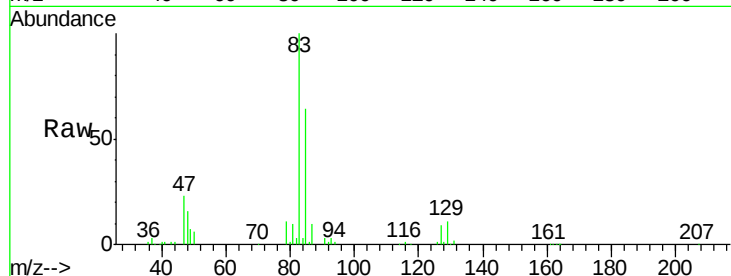
Tgt Ion: 83 Resp: 61072

Ion Ratio Lower Upper

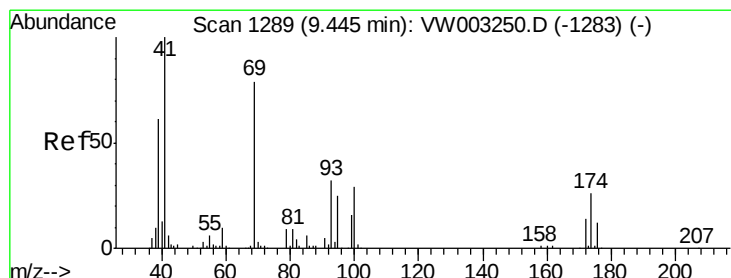
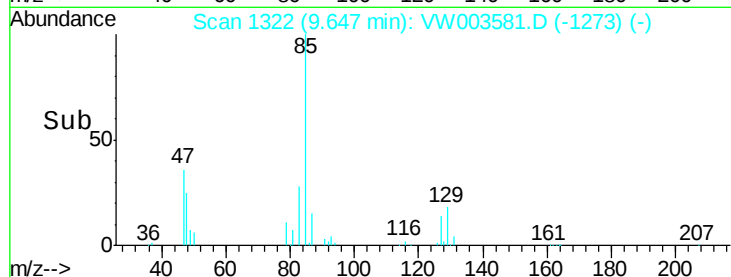
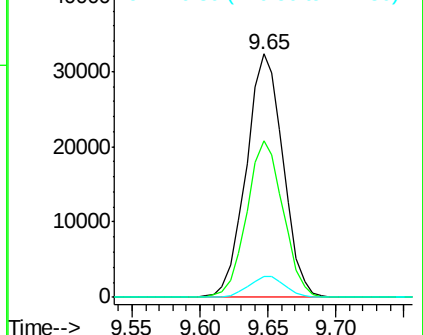
83 100

85 64.4 50.6 75.8

127 8.8 6.8 10.2



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



#48

Methyl methacrylate

Concen: 22.825 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

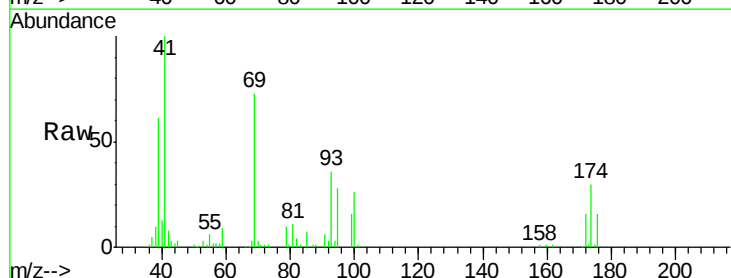
Tgt Ion: 41 Resp: 25934

Ion Ratio Lower Upper

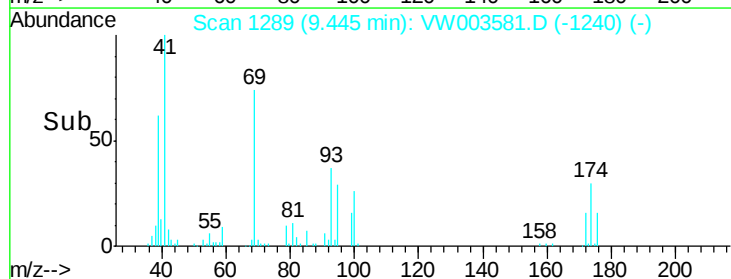
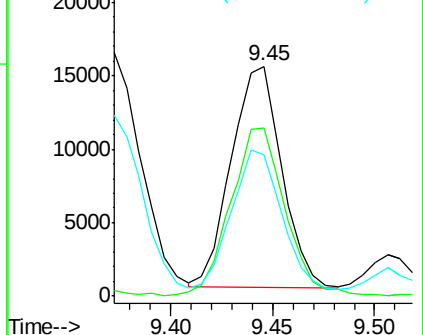
41 100

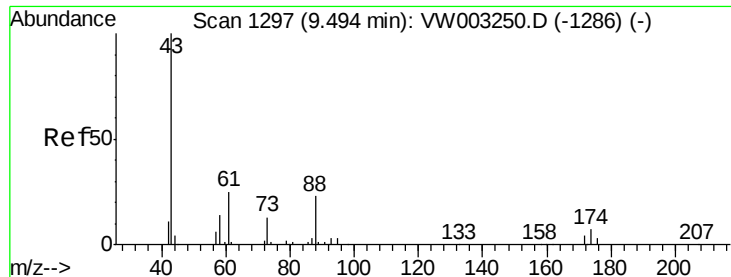
69 82.4 65.4 98.2

39 69.8 54.2 81.2



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

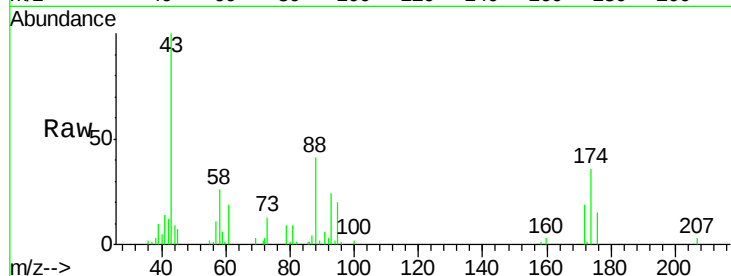




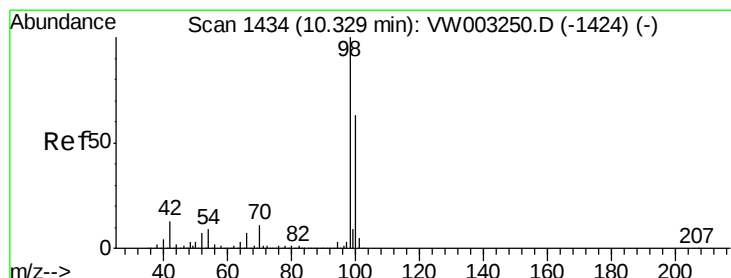
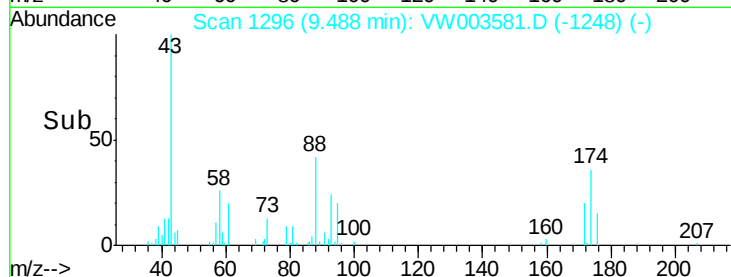
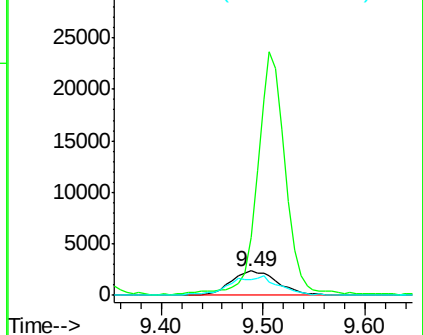
#49
1,4-Dioxane
Concen: 468.527 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

Tgt Ion: 88 Resp: 7471
Ion Ratio Lower Upper
88 100
43 602.8 454.7 682.1
58 82.4 58.6 88.0

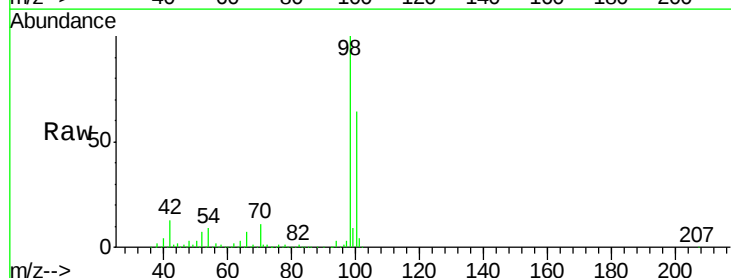


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

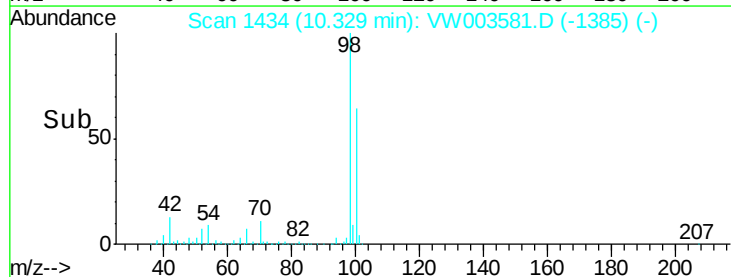
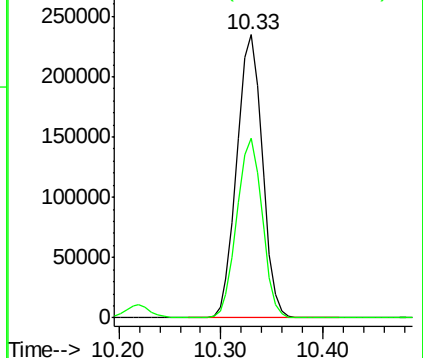


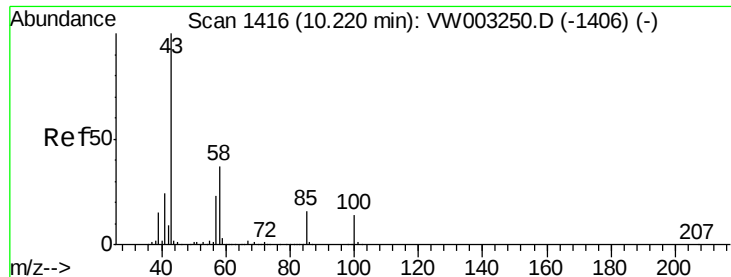
#50
Toluene-d8
Concen: 54.193 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 98 Resp: 406364
Ion Ratio Lower Upper
98 100
100 63.2 50.8 76.2



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

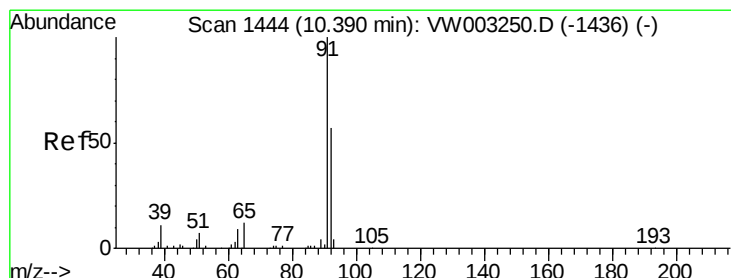
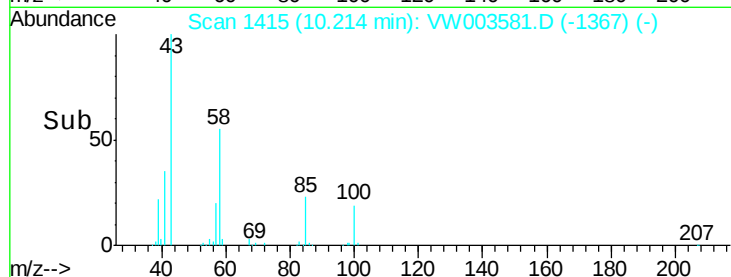
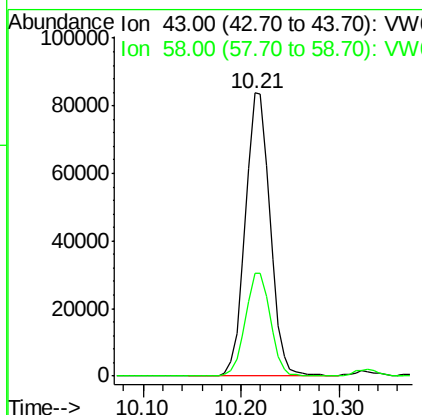
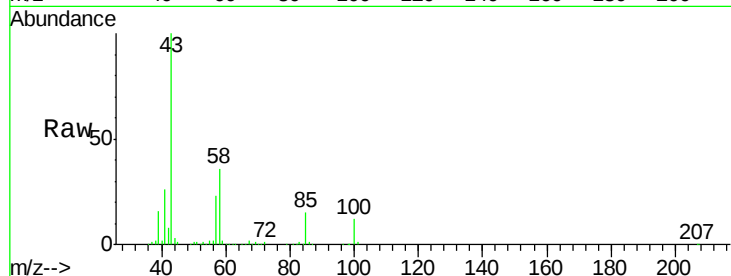




#51
 4-Methyl-2-Pentanone
 Concen: 119.852 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

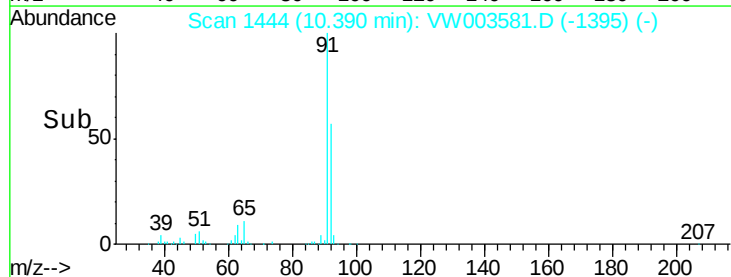
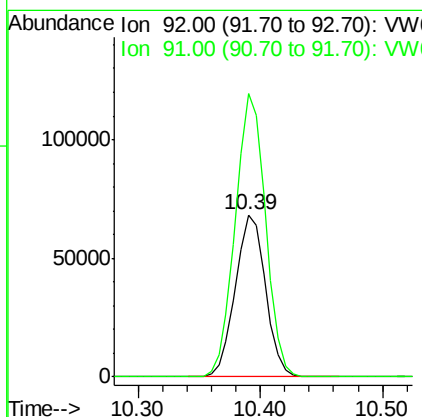
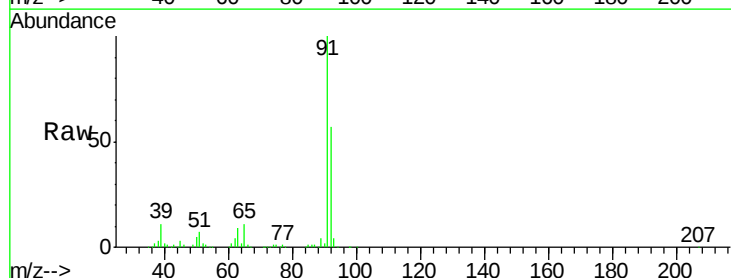
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

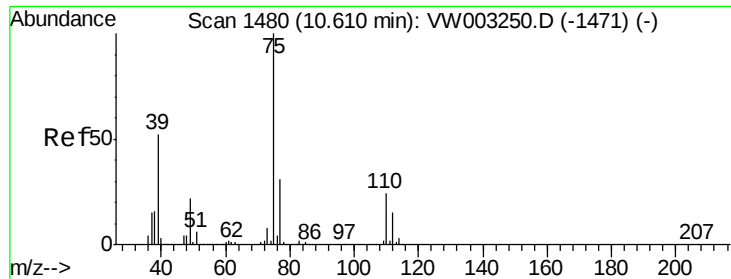
Tgt Ion: 43 Resp: 147652
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.0 43.4



#52
 Toluene
 Concen: 22.449 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion: 92 Resp: 116626
 Ion Ratio Lower Upper
 92 100
 91 175.2 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 21.494 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

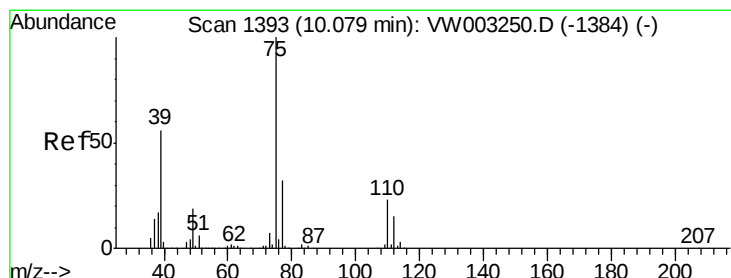
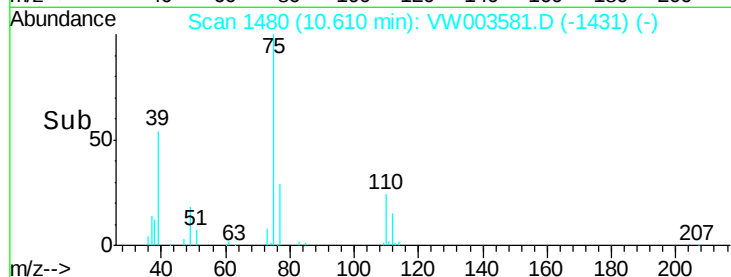
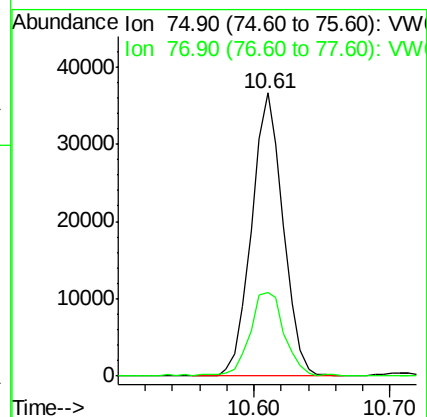
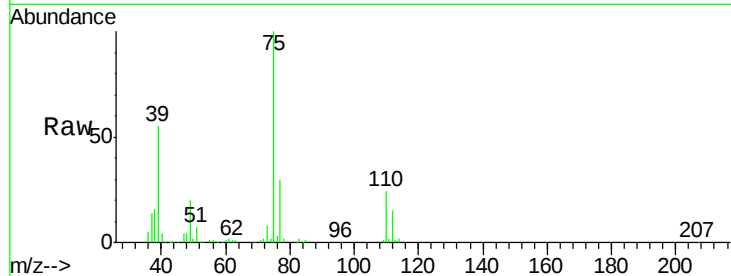
VW0627SBSD01

Tgt Ion: 75 Resp: 59437

Ion Ratio Lower Upper

75 100

77 29.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 21.616 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

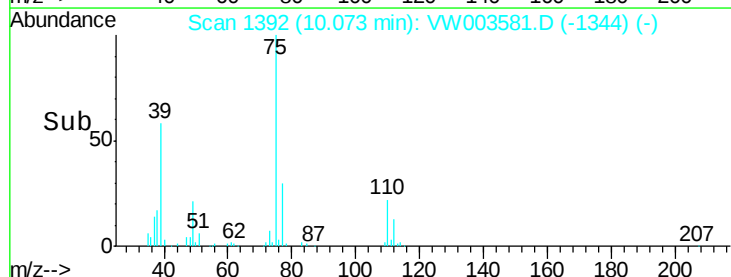
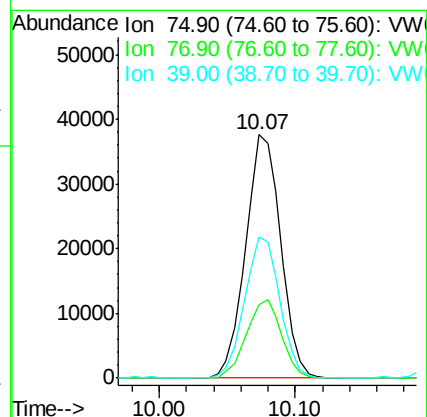
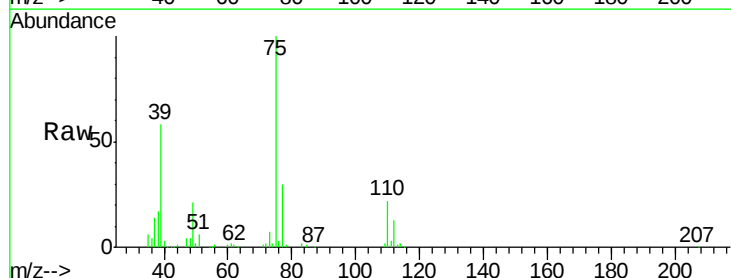
Tgt Ion: 75 Resp: 68032

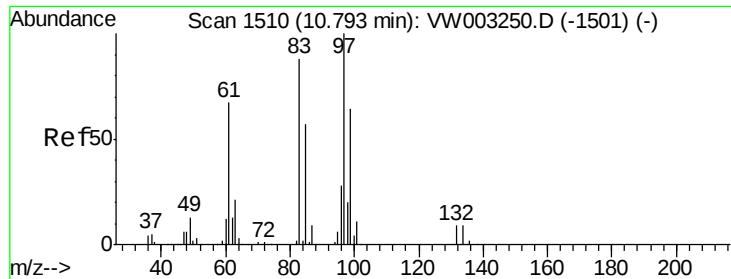
Ion Ratio Lower Upper

75 100

77 30.1 25.8 38.6

39 57.9 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 23.226 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tgt Ion: 97 Resp: 34564

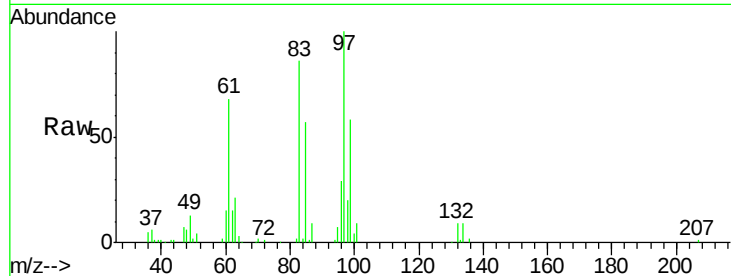
Ion Ratio Lower Upper

97 100

83 86.4 70.2 105.2

85 57.5 45.6 68.4

99 58.4 51.2 76.8

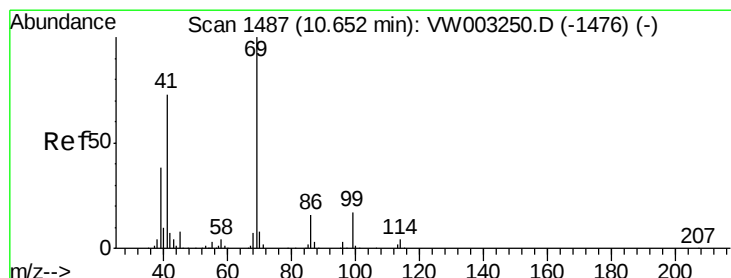
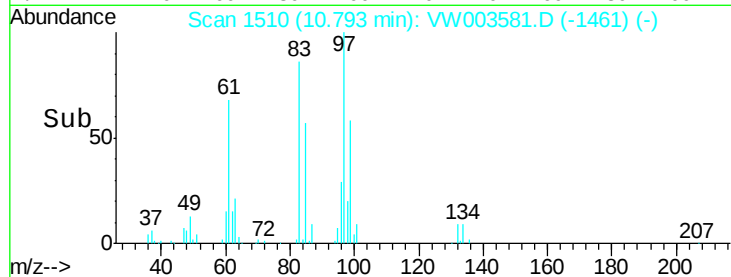
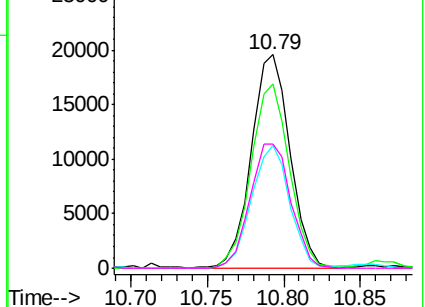


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 22.148 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

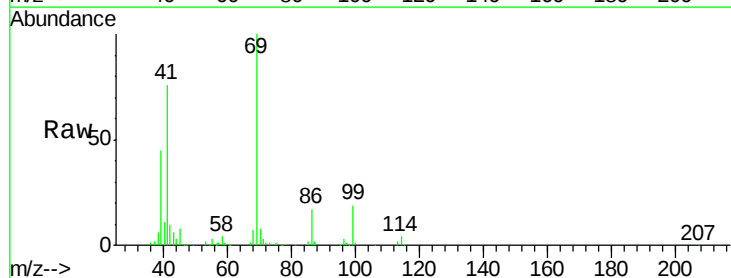
Tgt Ion: 69 Resp: 40024

Ion Ratio Lower Upper

69 100

41 74.6 57.8 86.6

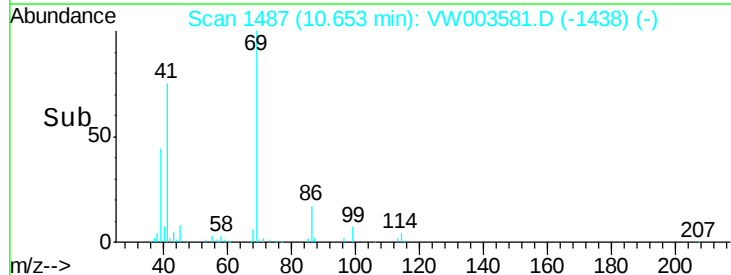
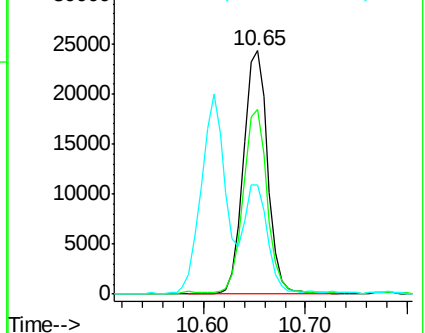
39 40.8 32.7 49.1

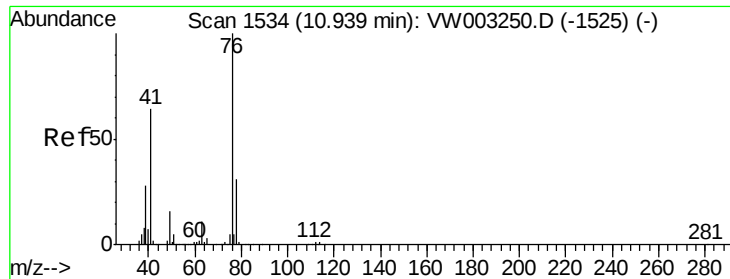


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

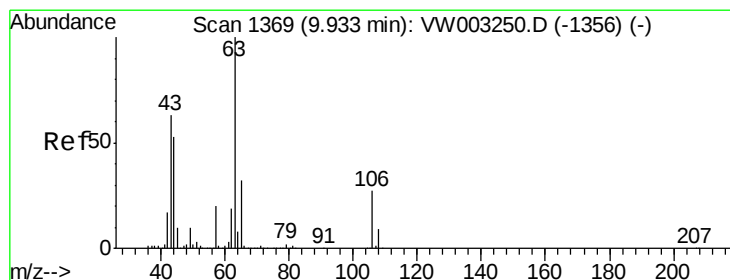
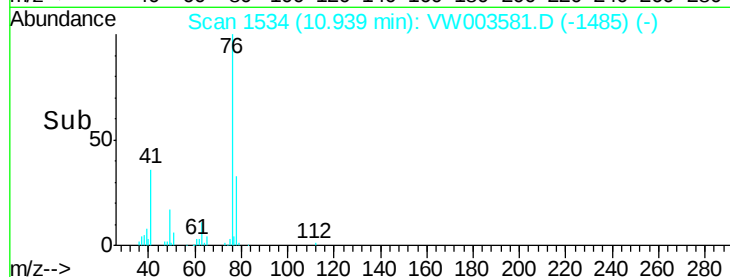
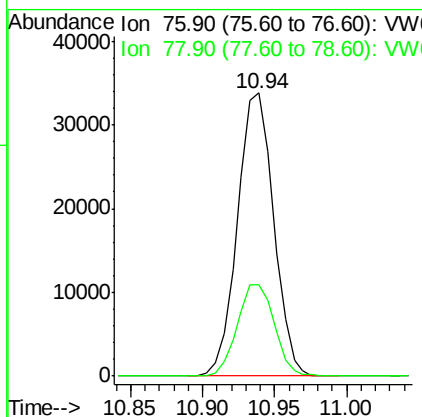
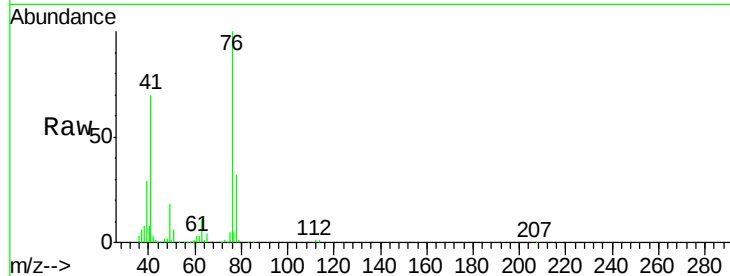




#57
 1,3-Dichloropropane
 Concen: 22.961 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

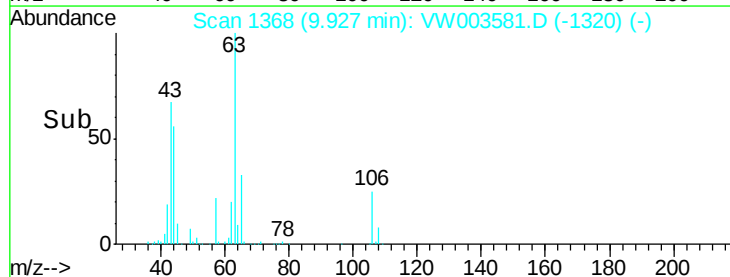
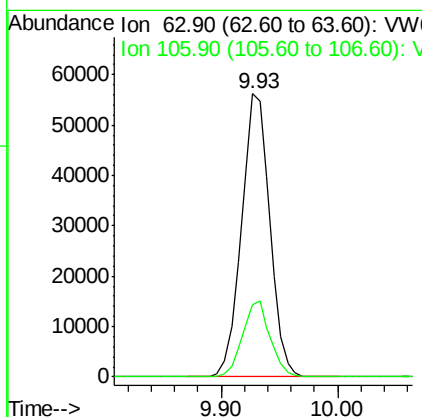
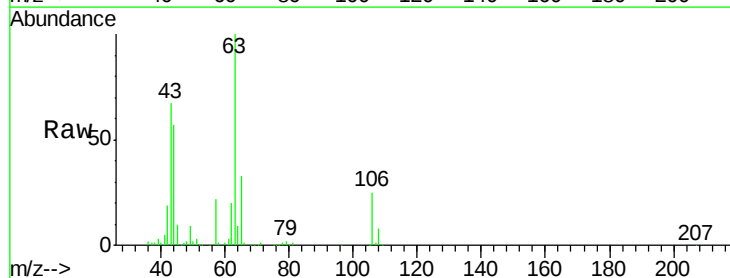
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

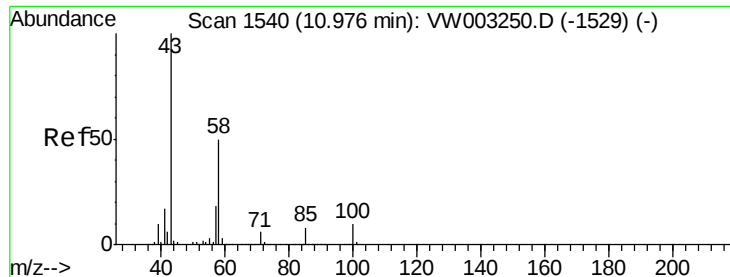
Tgt Ion: 76 Resp: 58933
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.482 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion: 63 Resp: 95172
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.8 32.8

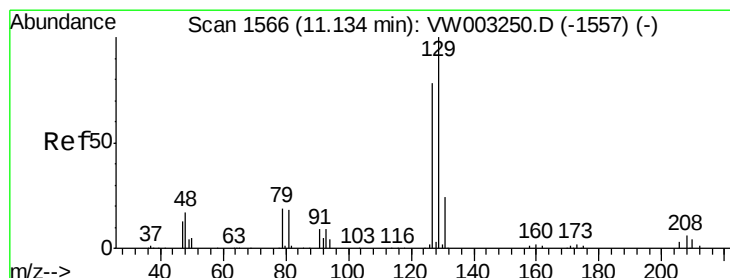
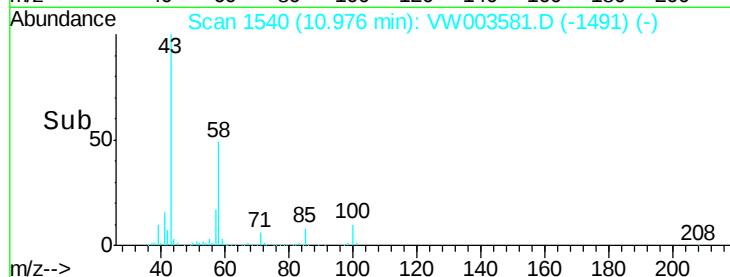
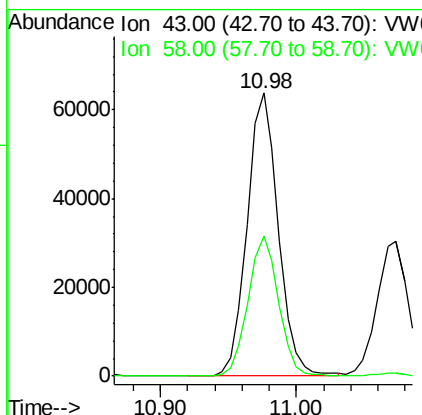
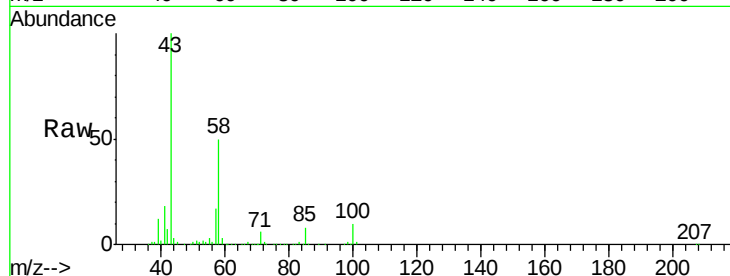




#59
2-Hexanone
Concen: 118.480 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

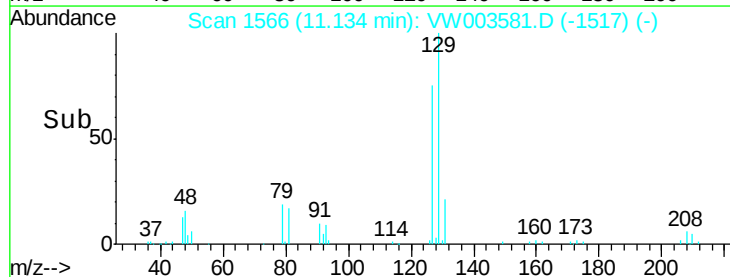
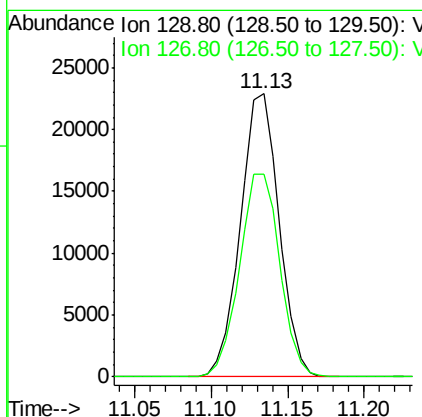
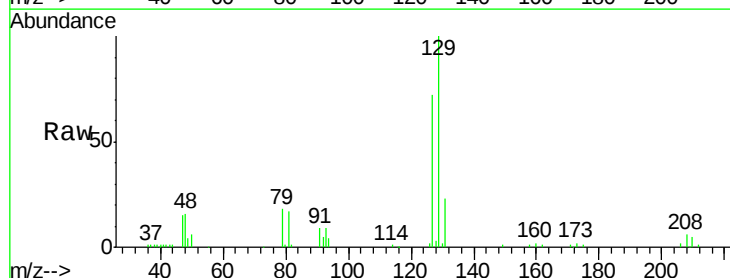
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

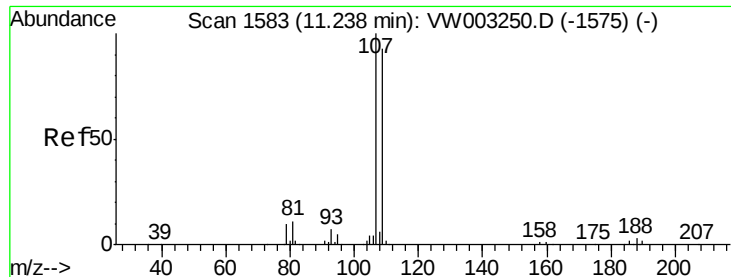
Tgt Ion: 43 Resp: 101968
Ion Ratio Lower Upper
43 100
58 48.7 25.0 75.0



#60
Dibromochloromethane
Concen: 22.727 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 129 Resp: 40222
Ion Ratio Lower Upper
129 100
127 75.0 39.1 117.5

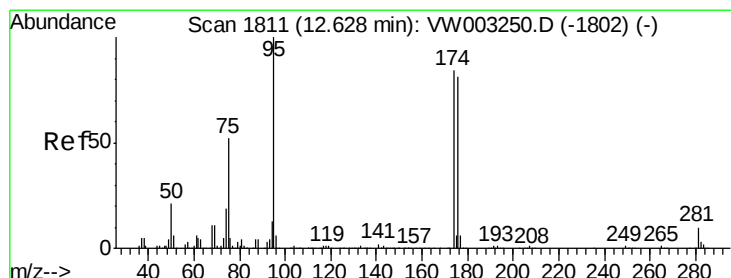
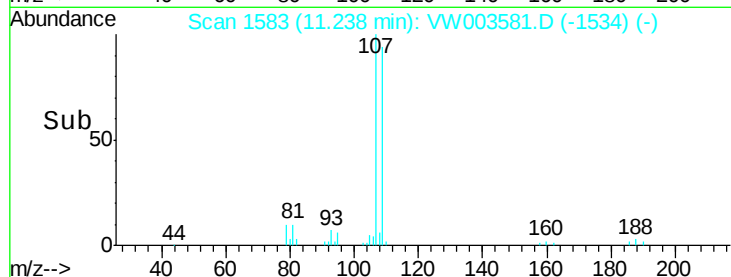
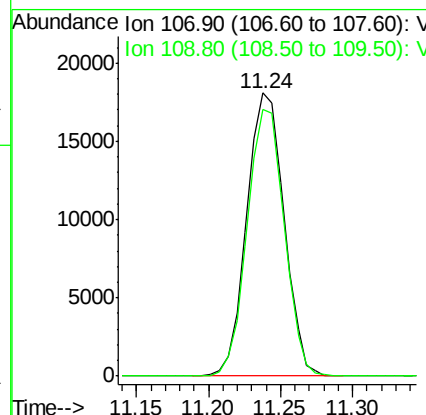
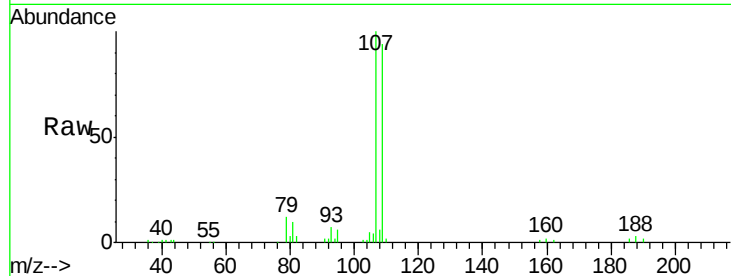




#61
1,2-Dibromoethane
Concen: 23.045 ug/l
RT: 11.24 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

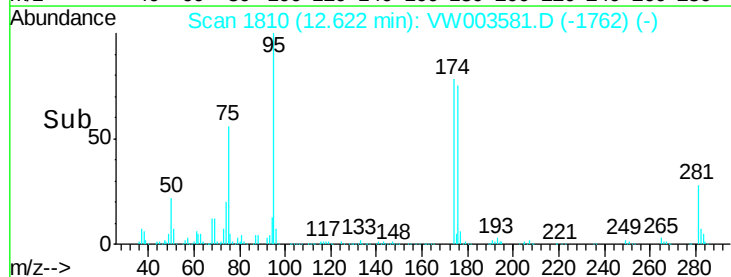
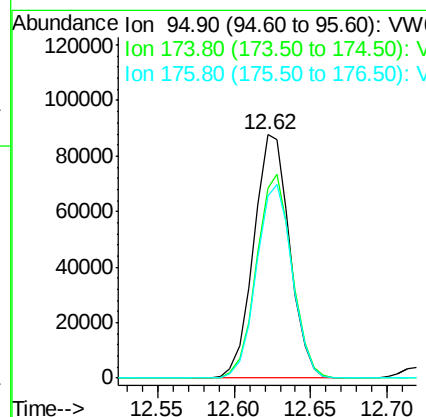
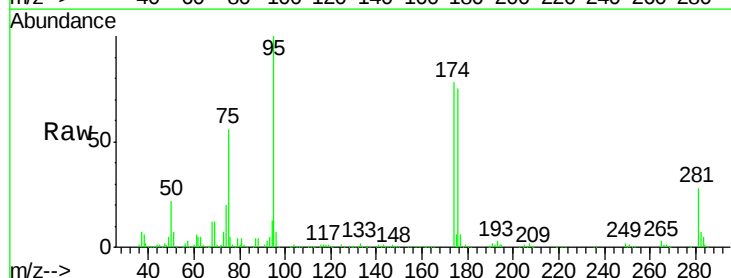
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

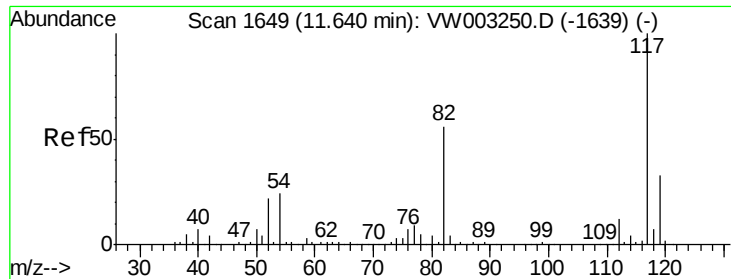
Tgt Ion: 107 Resp: 32440
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 53.877 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 95 Resp: 142970
Ion Ratio Lower Upper
95 100
174 82.7 0.0 166.4
176 79.1 0.0 162.0

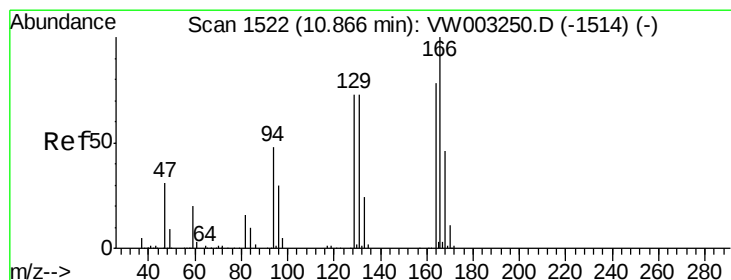
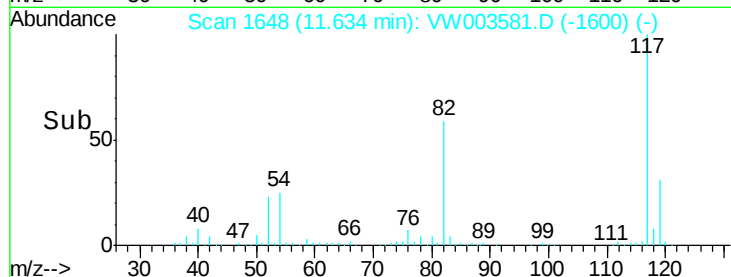
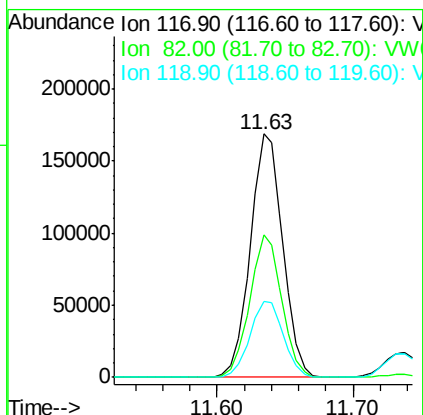
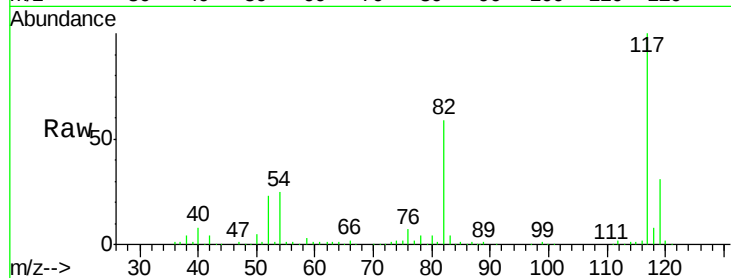




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

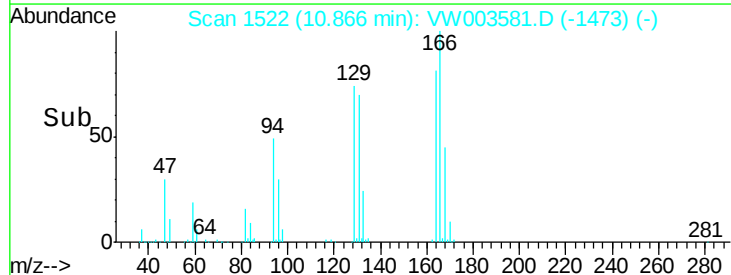
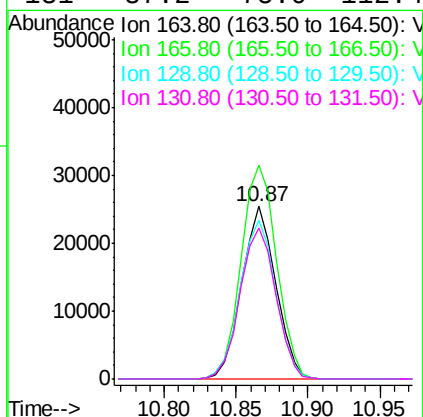
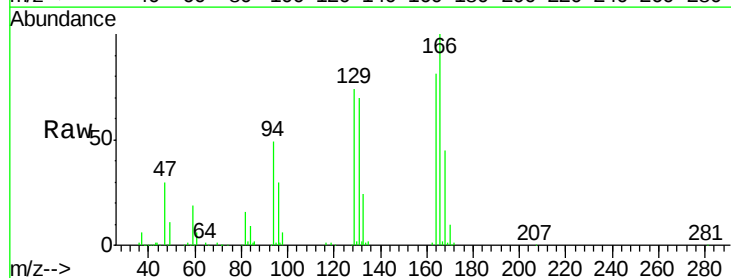
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

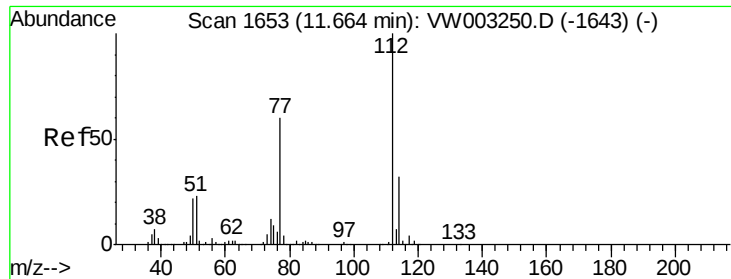
Tgt Ion:117 Resp: 281474
Ion Ratio Lower Upper
117 100
82 58.6 44.6 67.0
119 31.4 26.7 40.1



#64
Tetrachloroethene
Concen: 22.074 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion:164 Resp: 41558
Ion Ratio Lower Upper
164 100
166 123.7 102.6 154.0
129 91.7 75.2 112.8
131 87.2 75.0 112.4





#65

Chlorobenzene

Concen: 21.879 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

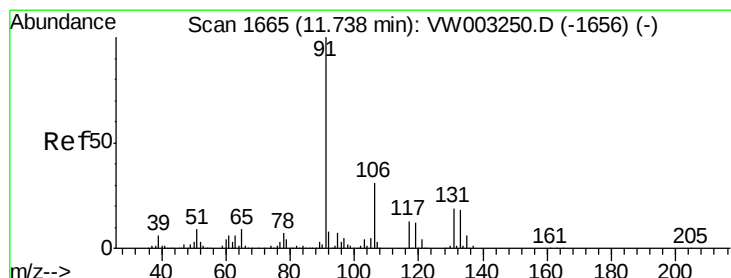
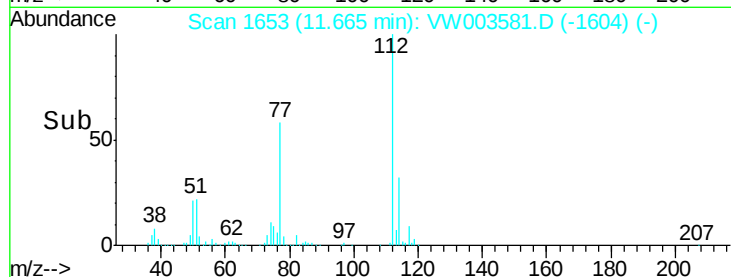
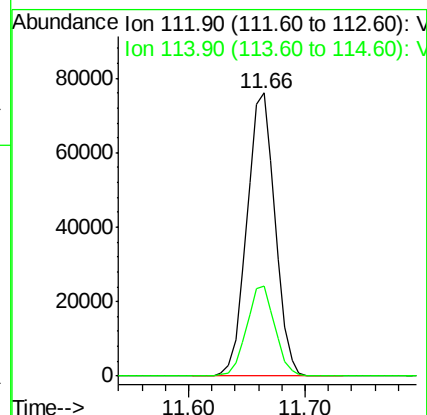
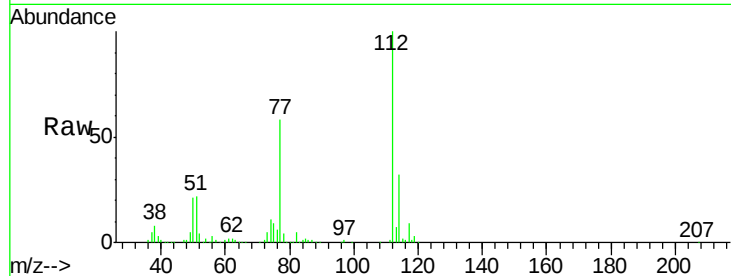
VW0627SBSD01

Tgt Ion:112 Resp: 128243

Ion Ratio Lower Upper

112 100

114 31.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.597 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

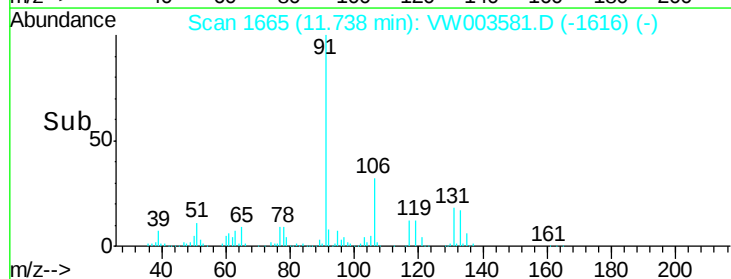
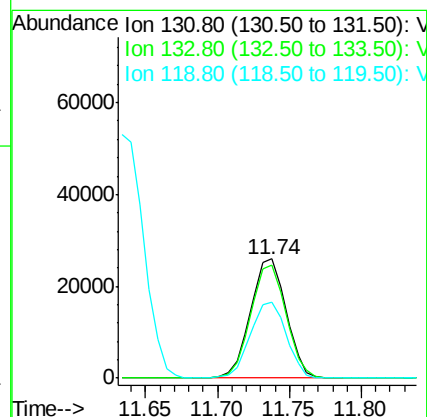
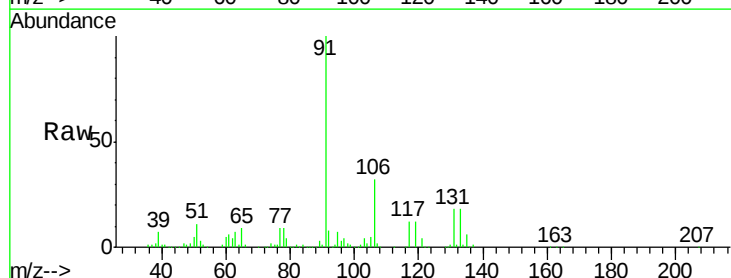
Tgt Ion:131 Resp: 44486

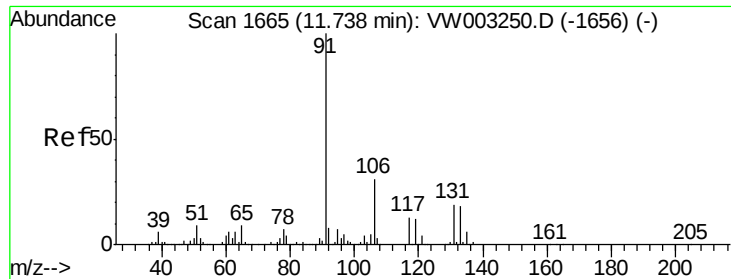
Ion Ratio Lower Upper

131 100

133 94.1 47.3 142.0

119 64.3 32.5 97.4

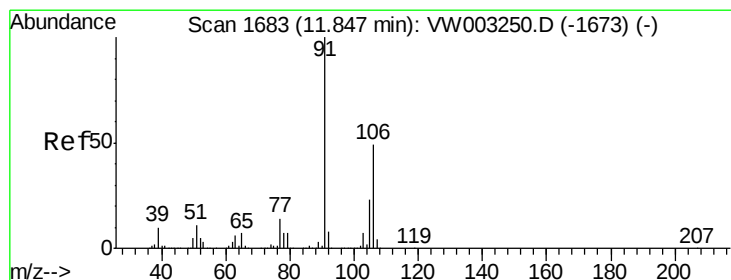
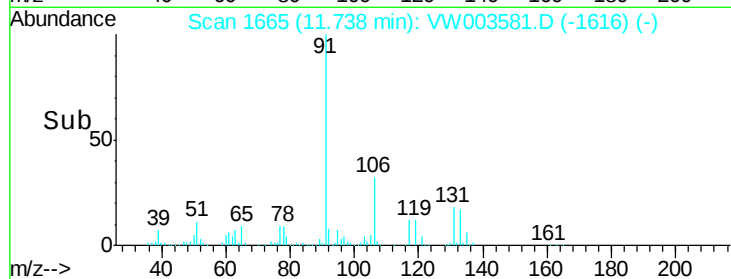
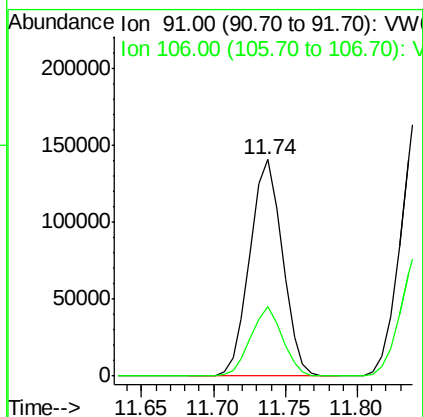
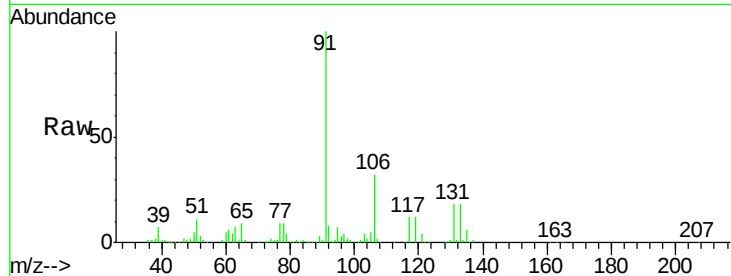




#67
Ethyl Benzene
Concen: 21.285 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

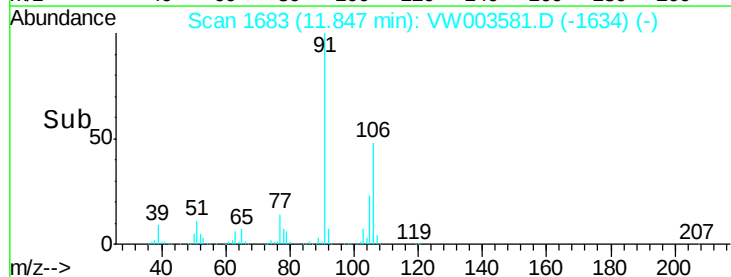
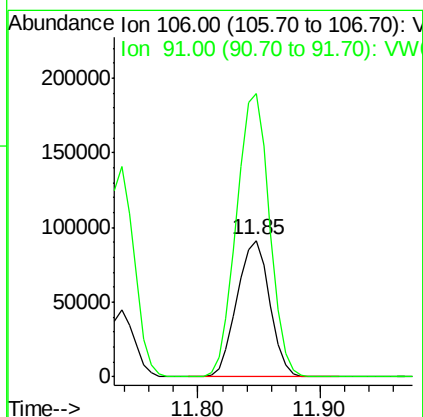
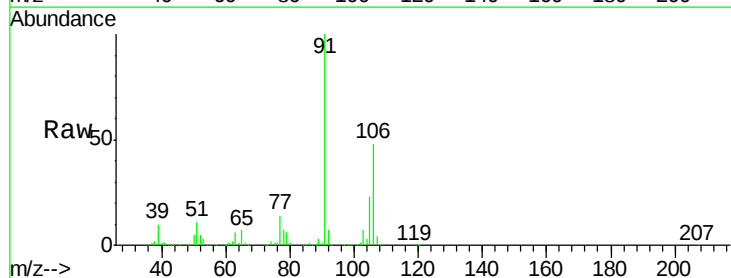
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

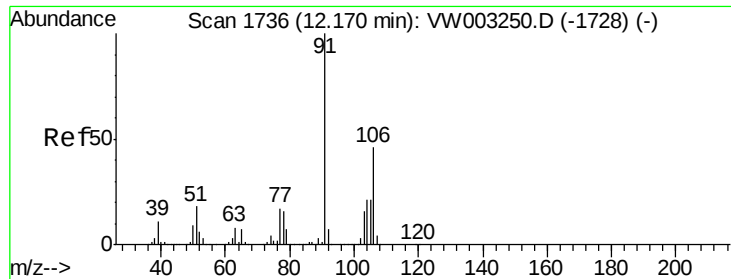
Tgt Ion: 91 Resp: 221160
Ion Ratio Lower Upper
91 100
106 32.1 24.7 37.1



#68
m/p-Xylenes
Concen: 43.002 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 106 Resp: 169843
Ion Ratio Lower Upper
106 100
91 209.2 165.4 248.0

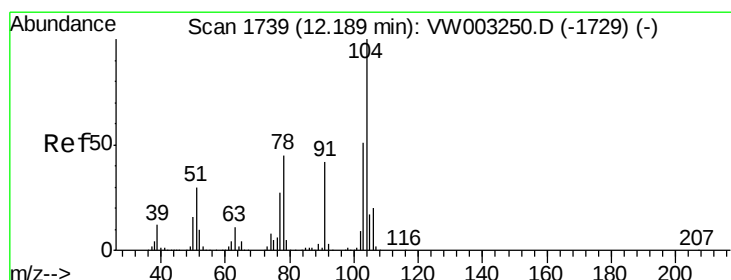
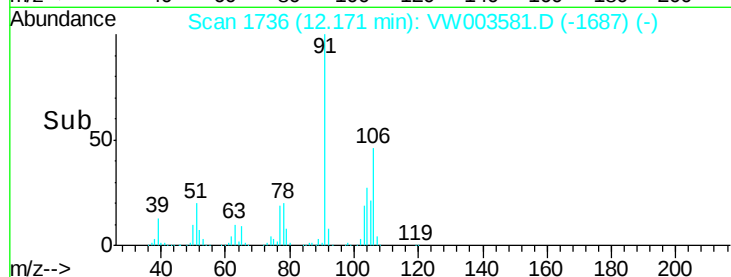
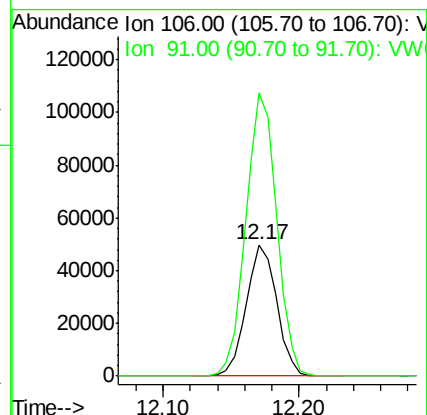
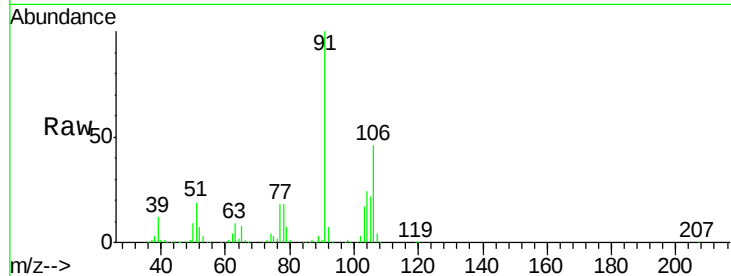




#69
o-Xylene
Concen: 21.360 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

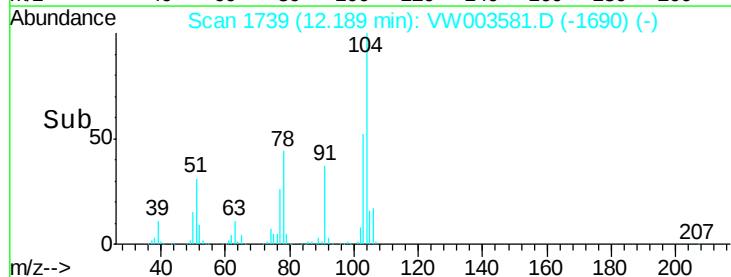
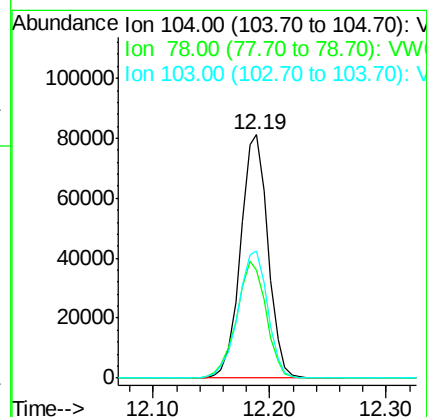
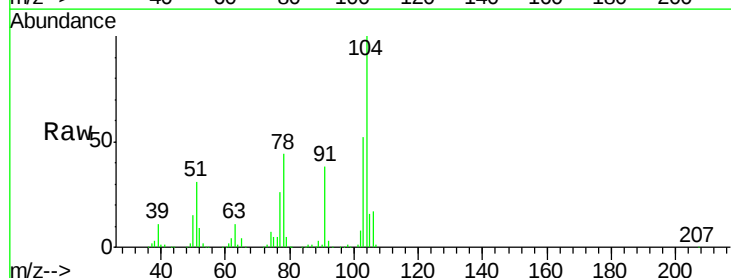
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

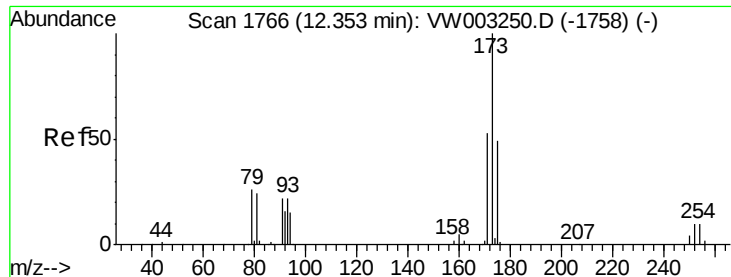
Tgt Ion:106 Resp: 78188
Ion Ratio Lower Upper
106 100
91 218.4 108.6 325.6



#70
Styrene
Concen: 21.846 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion:104 Resp: 133103
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 56.4 45.0 67.4





#71

Bromoform

Concen: 22.120 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

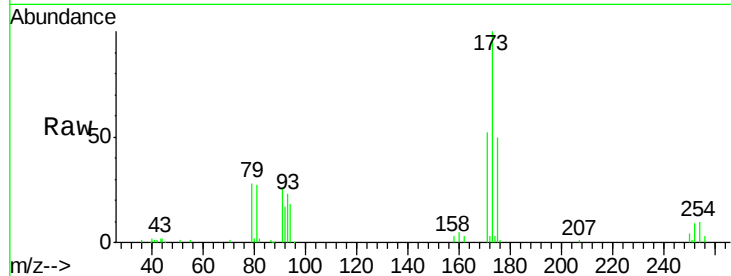
Tgt Ion:173 Resp: 23614

Ion Ratio Lower Upper

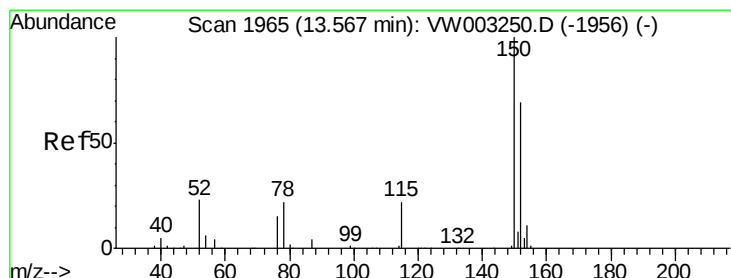
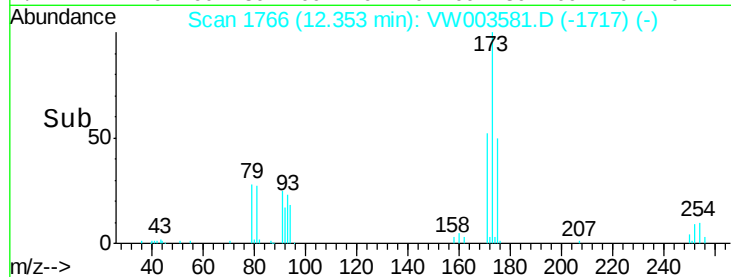
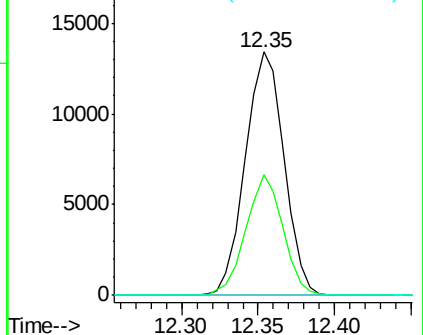
173 100

175 47.3 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

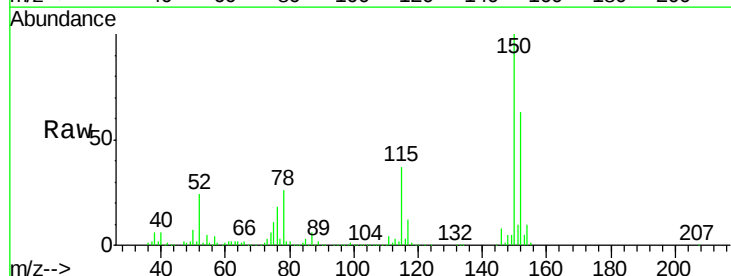
Tgt Ion:152 Resp: 151064

Ion Ratio Lower Upper

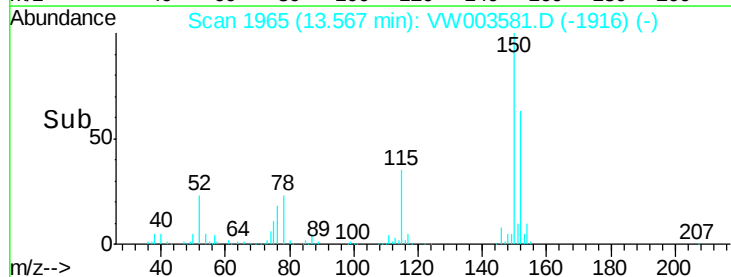
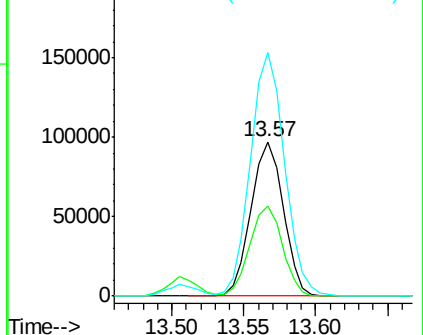
152 100

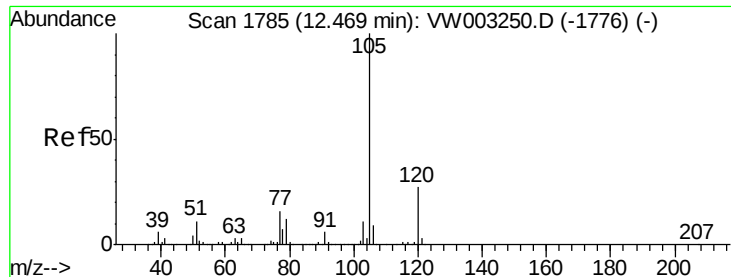
115 58.9 29.3 88.0

150 166.0 0.0 349.6



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





#73

Isopropylbenzene

Concen: 21.083 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

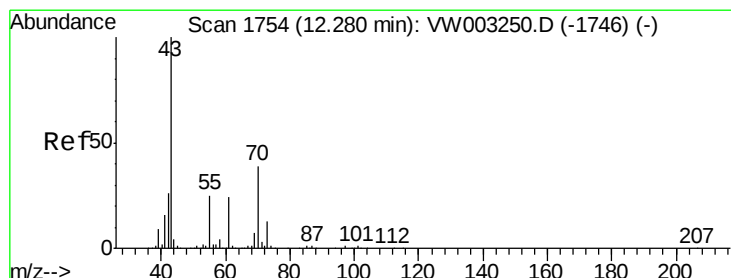
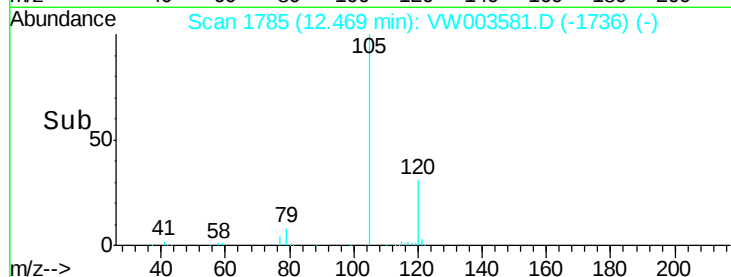
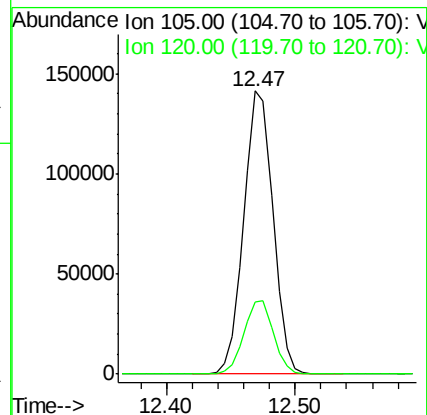
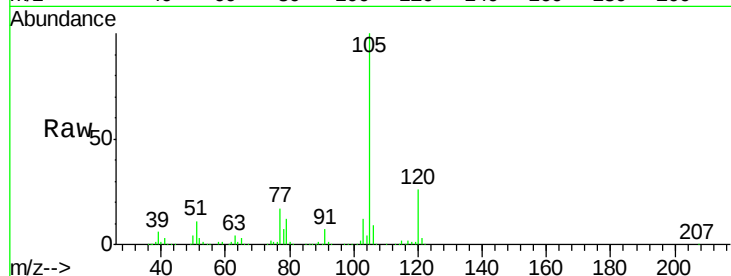
VW0627SBSD01

Tgt Ion:105 Resp: 221517

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 22.768 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion: 43 Resp: 54450

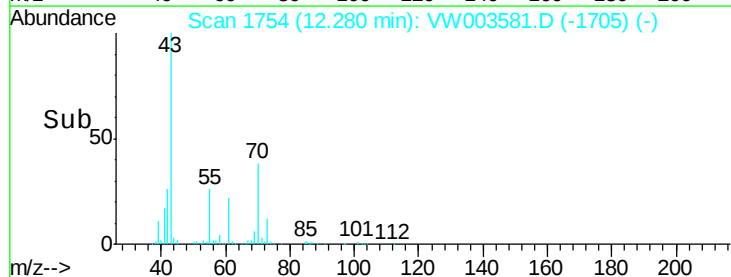
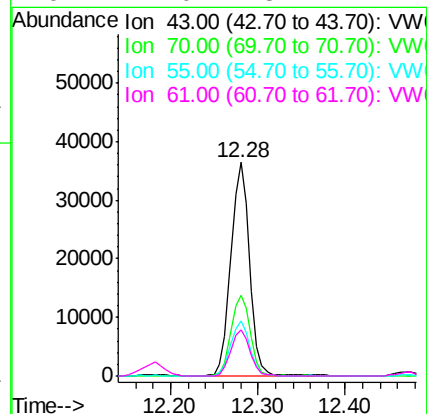
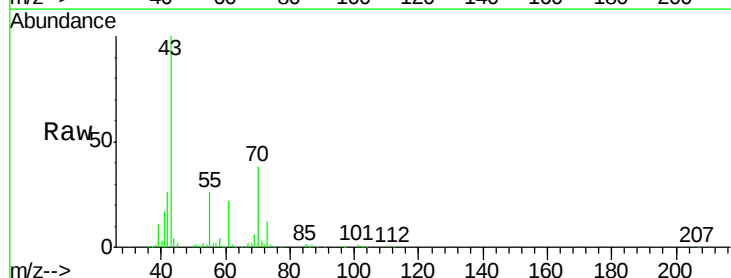
Ion Ratio Lower Upper

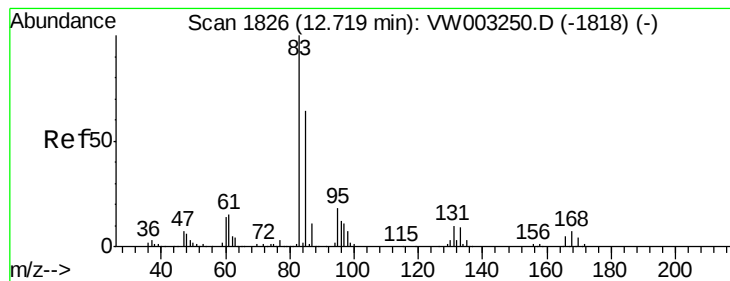
43 100

70 38.6 31.0 46.6

55 26.2 19.7 29.5

61 22.0 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.454 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

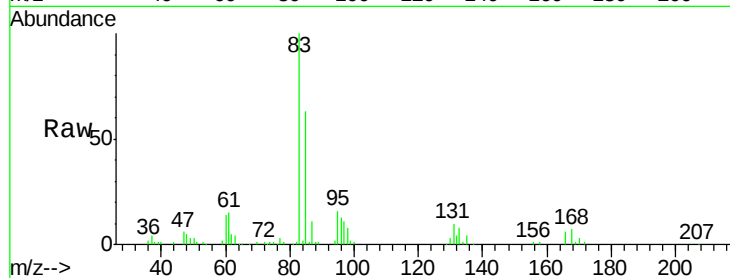
Tgt Ion: 83 Resp: 41691

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

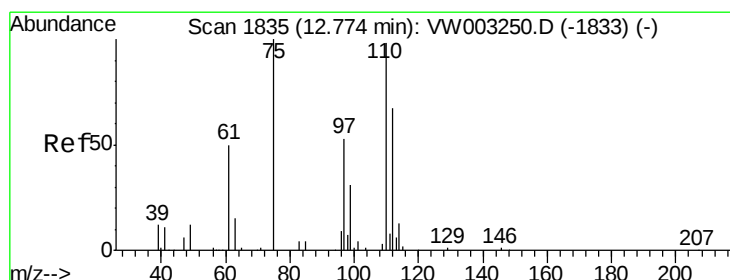
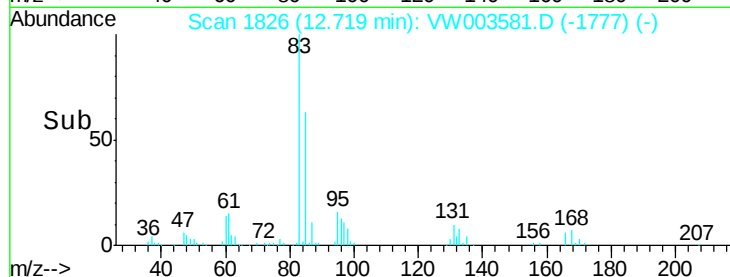
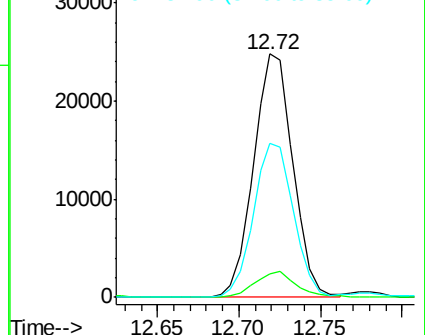
85 64.4 31.9 95.7



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: 42.152 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003581.D

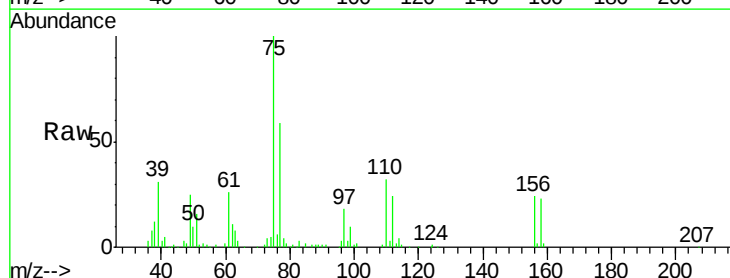
Acq: 26 Jun 2018 21:31

Tgt Ion: 75 Resp: 54436

Ion Ratio Lower Upper

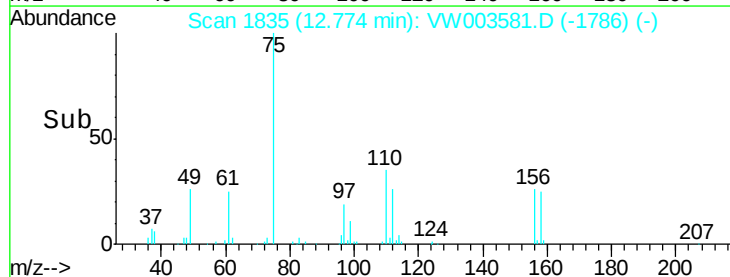
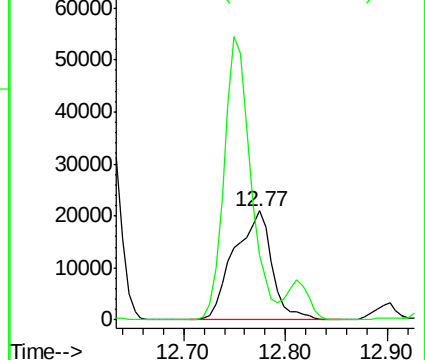
75 100

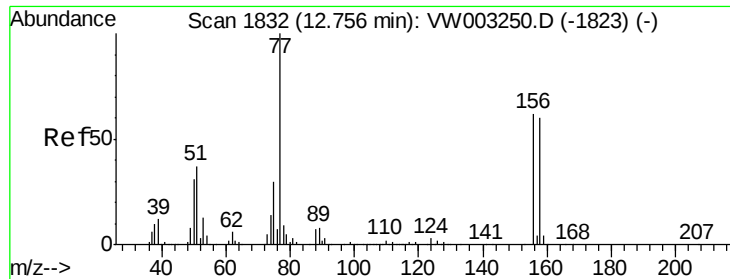
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

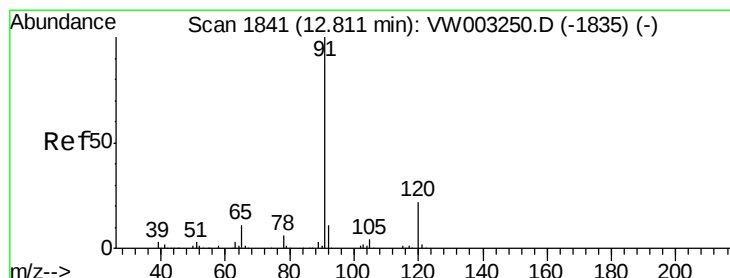
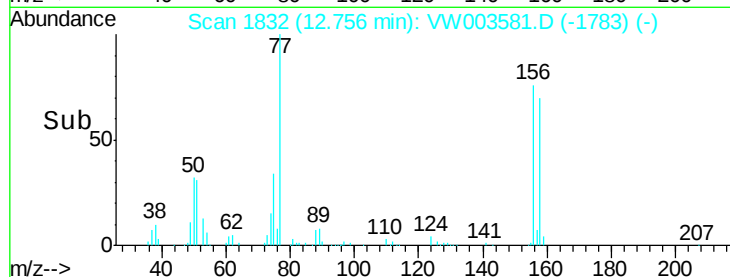
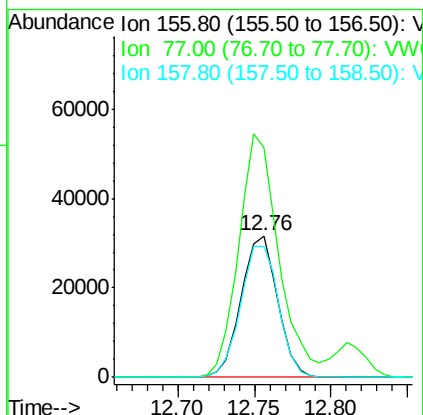
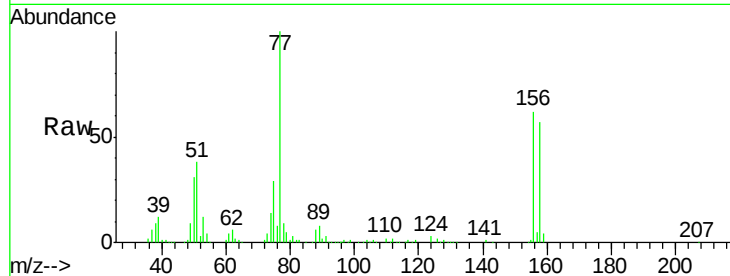




#77
Bromobenzene
Concen: 21.423 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

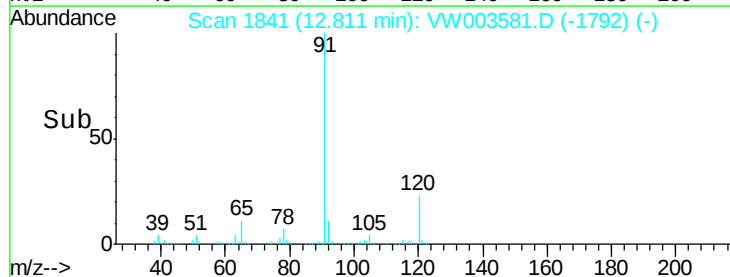
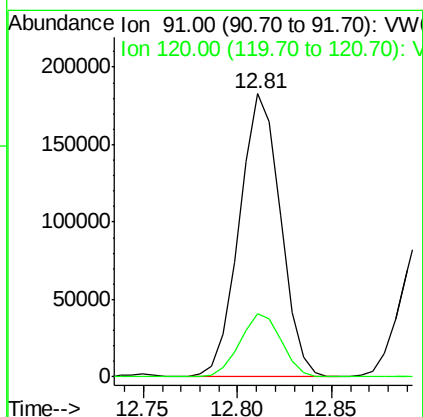
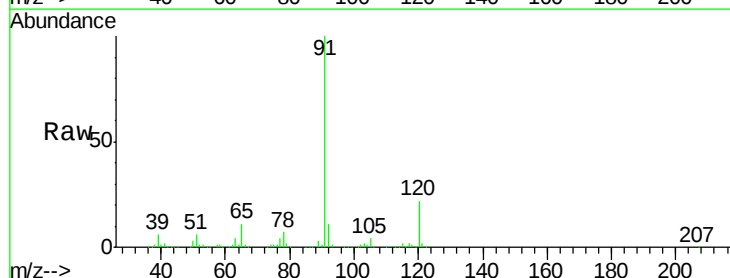
Instrument :
MSVOA_W
ClientSampled :
VW0627SBSD01

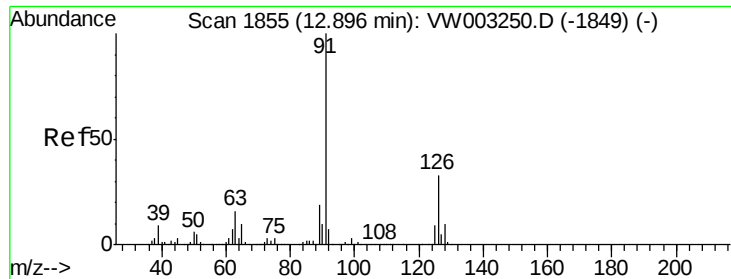
Tgt Ion:156 Resp: 52422
Ion Ratio Lower Upper
156 100
77 188.7 92.3 276.9
158 96.7 47.5 142.6



#78
n-propylbenzene
Concen: 21.505 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 91 Resp: 276680
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 21.568 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

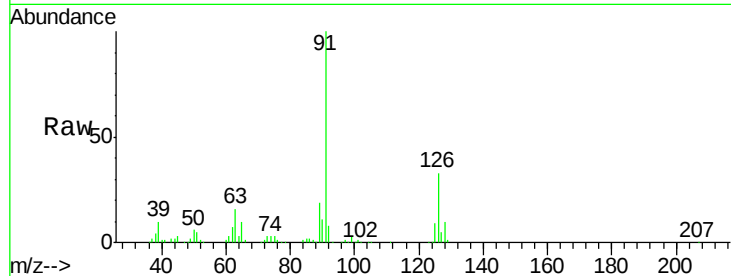
VW0627SBSD01

Tgt Ion: 91 Resp: 156817

Ion Ratio Lower Upper

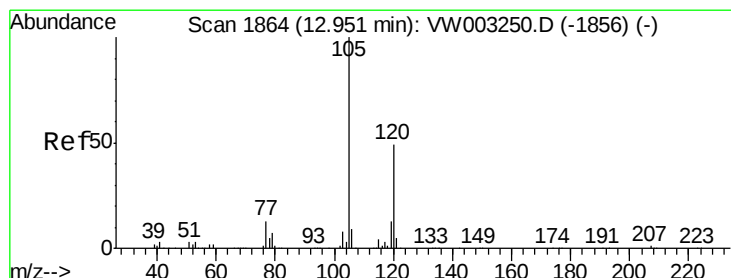
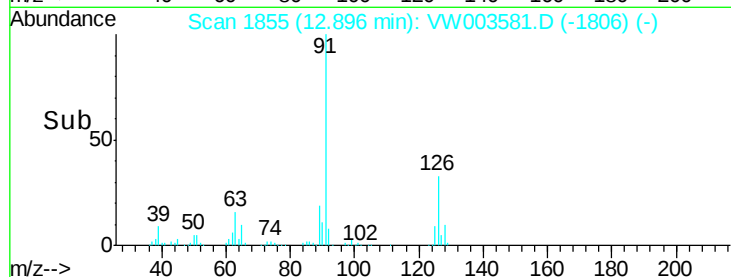
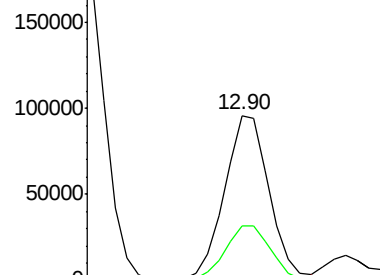
91 100

126 33.8 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.692 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003581.D

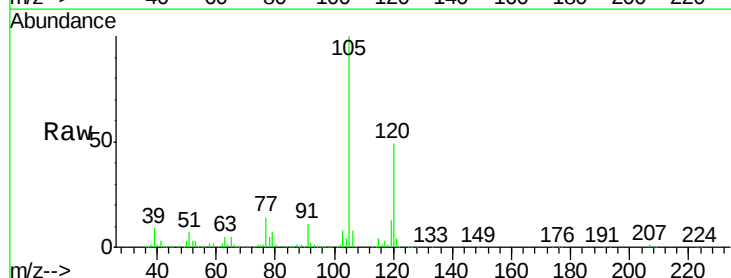
Acq: 26 Jun 2018 21:31

Tgt Ion: 105 Resp: 191309

Ion Ratio Lower Upper

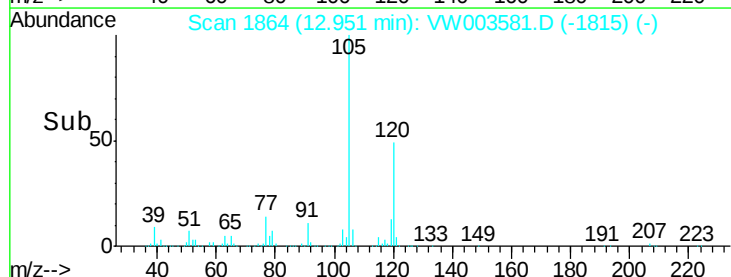
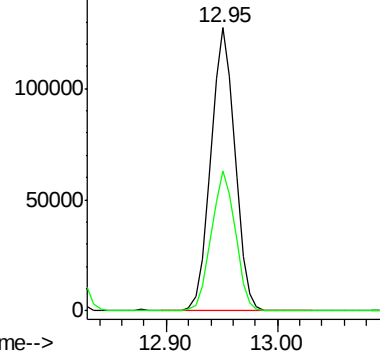
105 100

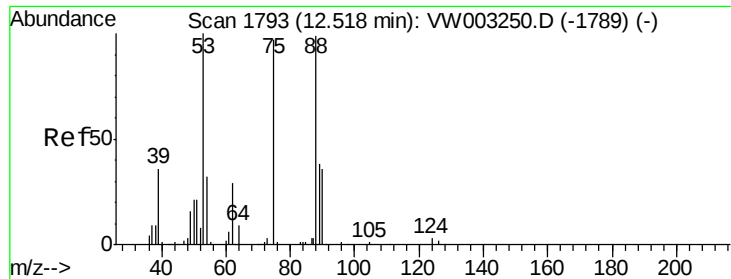
120 49.2 24.3 72.9



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: 21.569 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

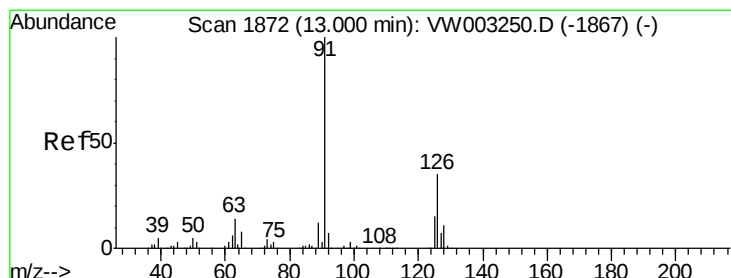
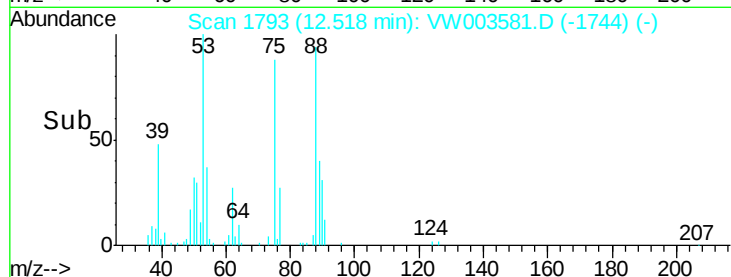
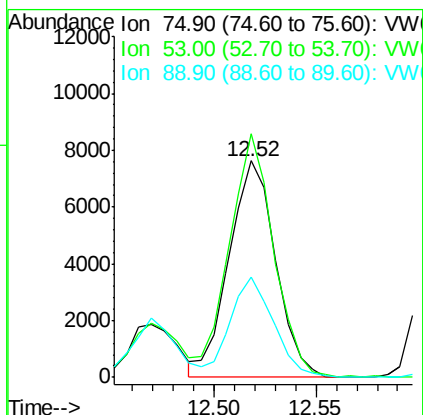
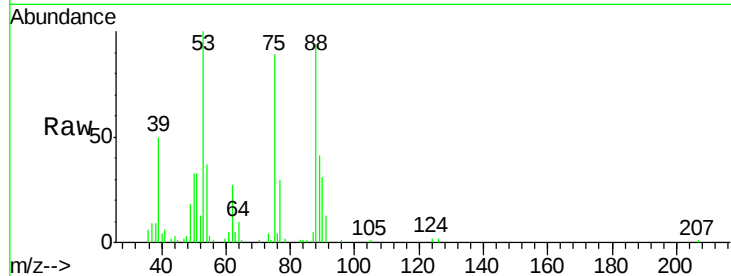
Tgt Ion: 75 Resp: 12105

Ion Ratio Lower Upper

75 100

53 107.2 82.9 124.3

89 42.9 36.7 55.1



#82

4-Chlorotoluene

Concen: 21.526 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003581.D

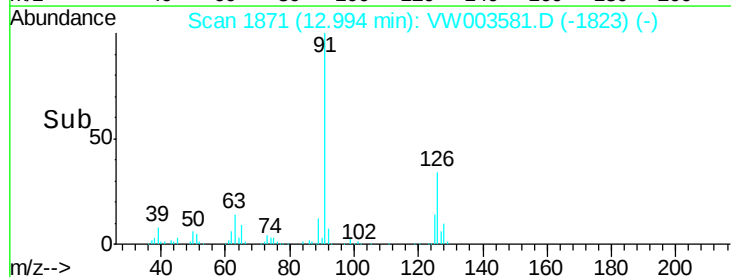
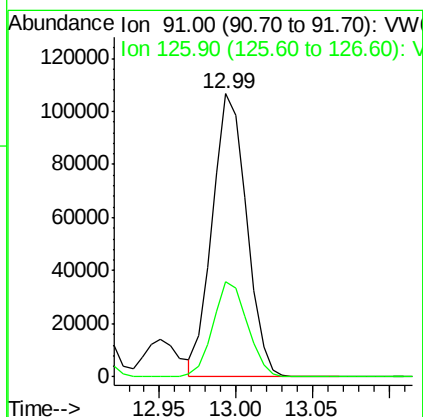
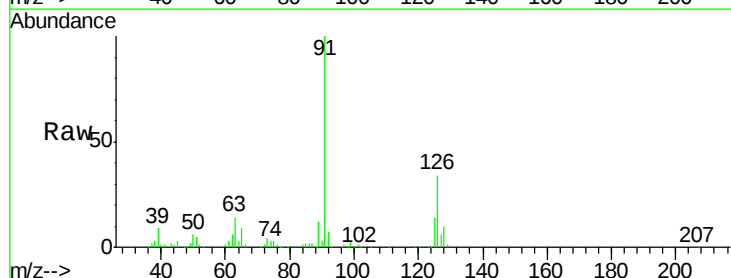
Acq: 26 Jun 2018 21:31

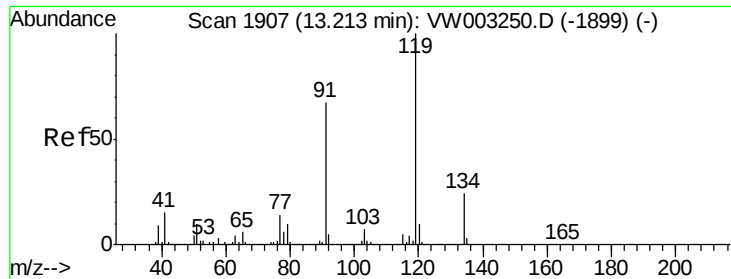
Tgt Ion: 91 Resp: 166027

Ion Ratio Lower Upper

91 100

126 33.9 16.8 50.3

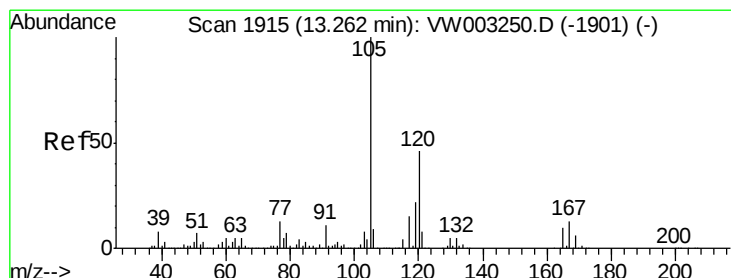
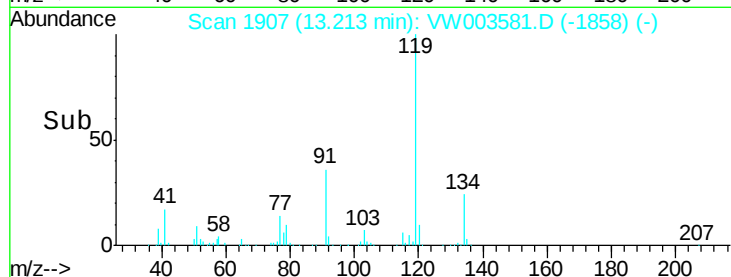
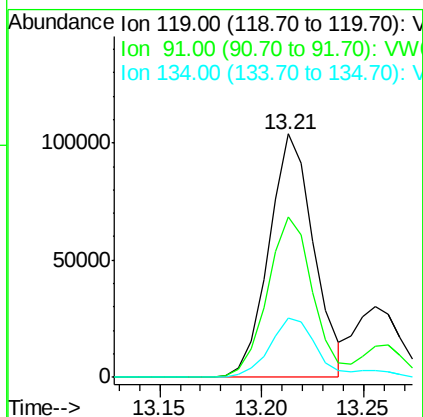
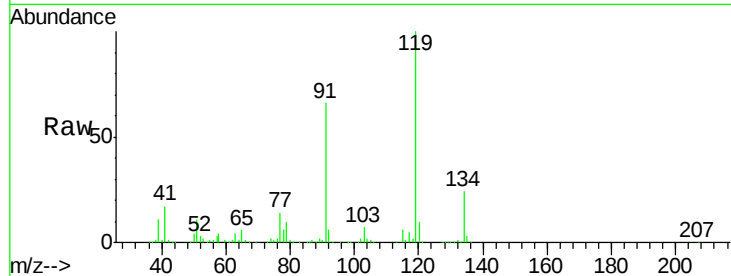




#83
 tert-Butylbenzene
 Concen: 21.181 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

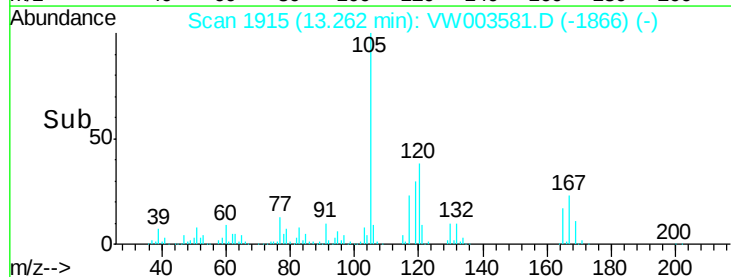
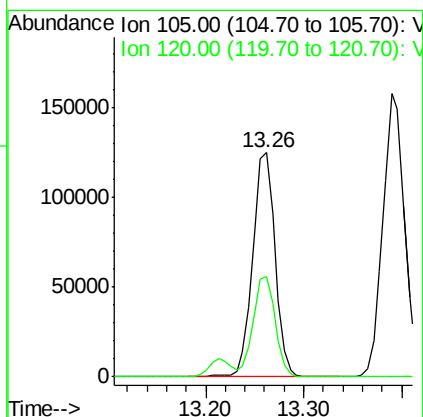
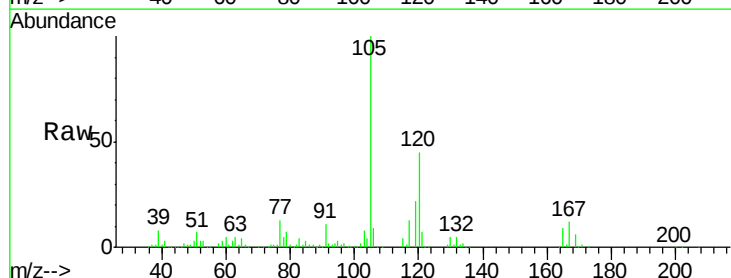
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

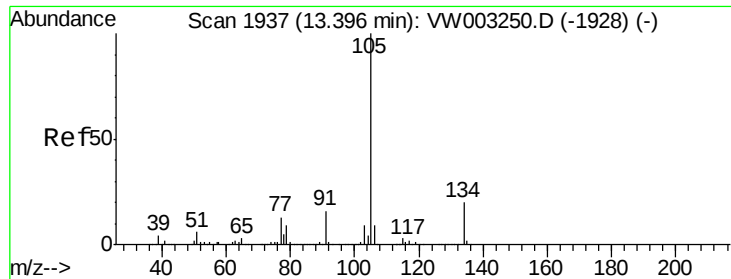
Tgt Ion:119 Resp: 159202
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.9 101.7
 134 24.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.879 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion:105 Resp: 198488
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.5 67.5

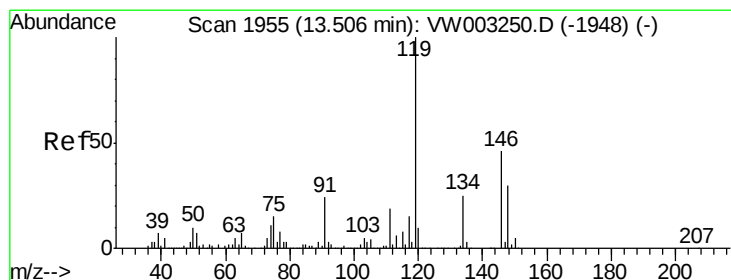
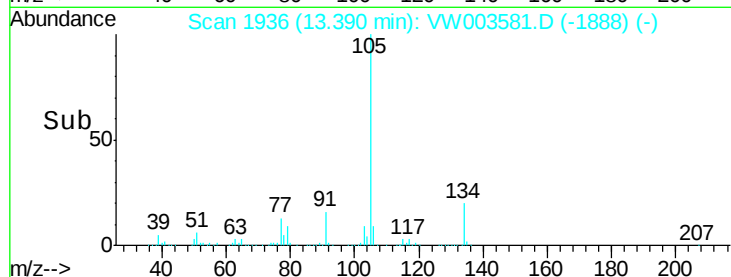
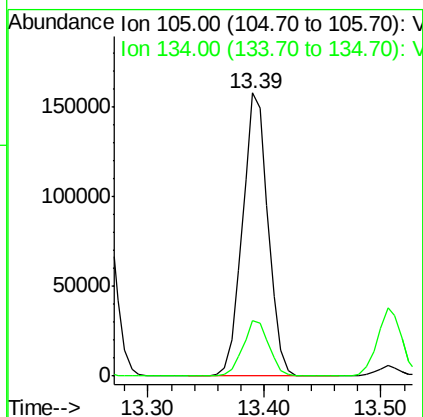
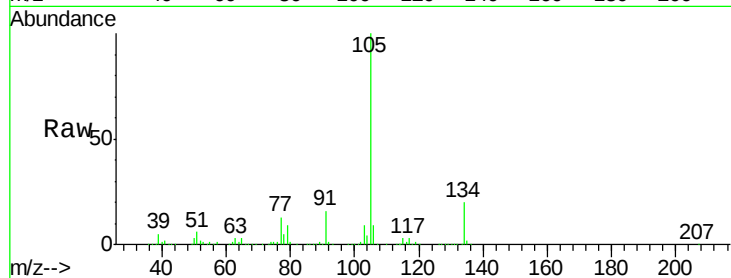




#85
 sec-Butylbenzene
 Concen: 21.591 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

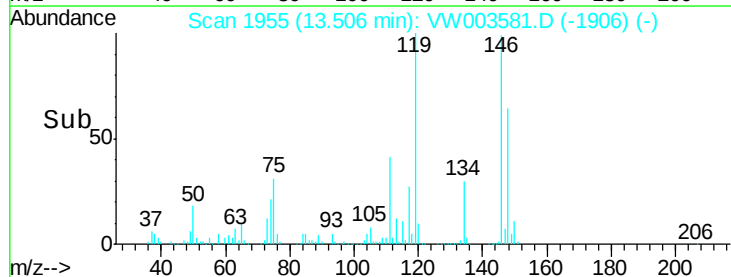
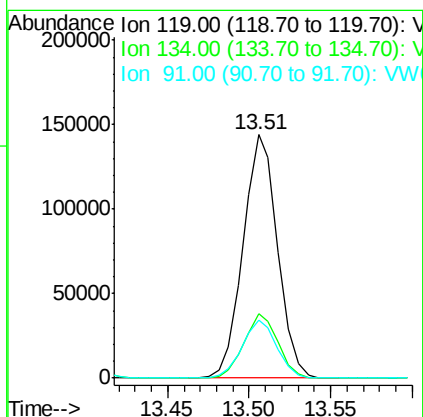
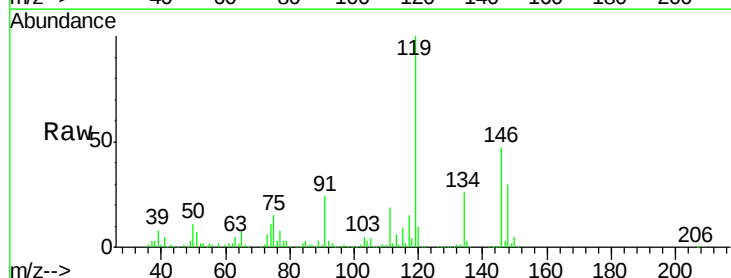
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

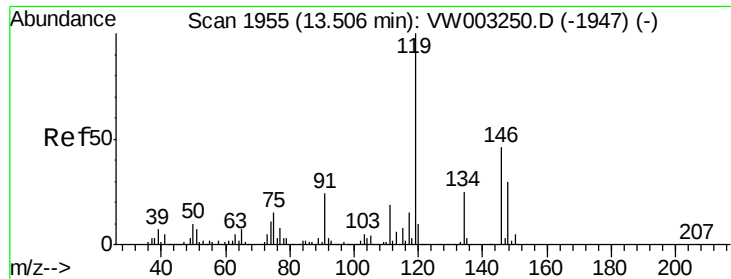
Tgt Ion:105 Resp: 241215
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.378 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion:119 Resp: 210650
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 24.0 11.8 35.3

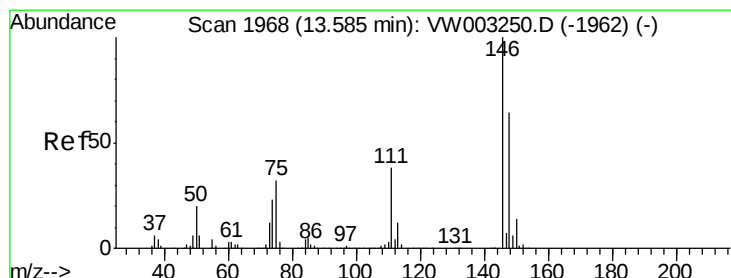
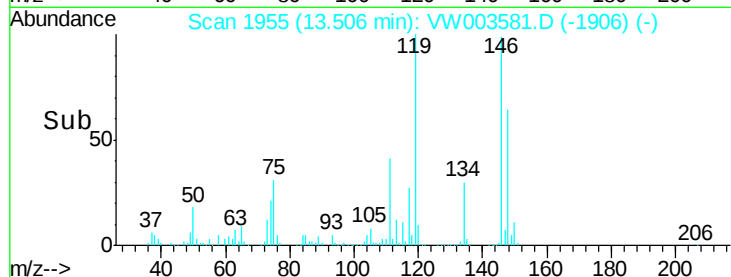
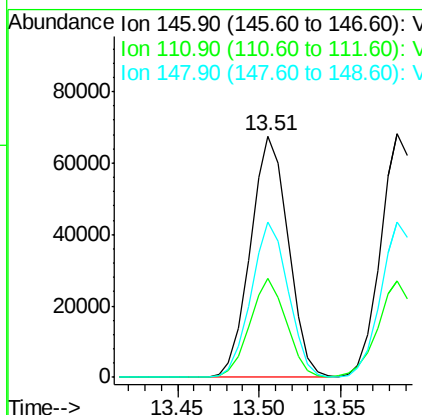
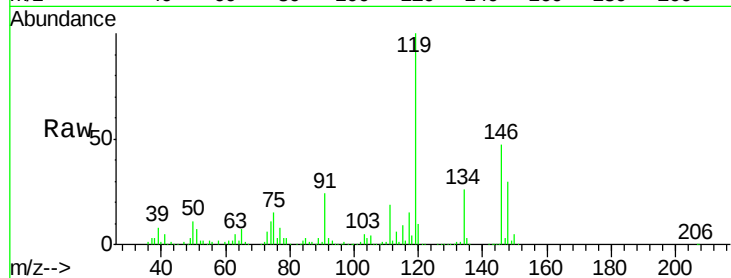




#87
 1,3-Dichlorobenzene
 Concen: 21.630 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

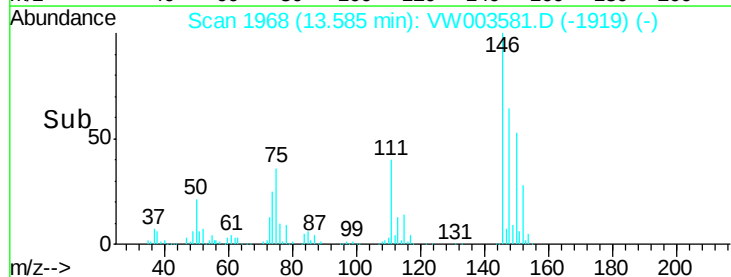
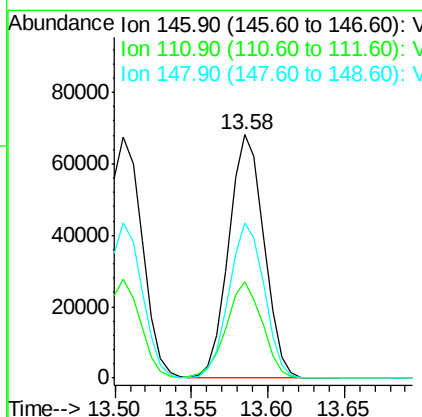
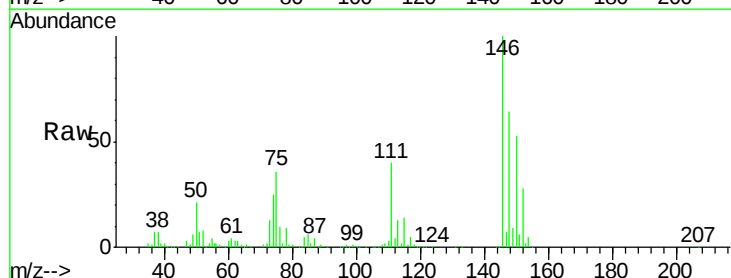
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

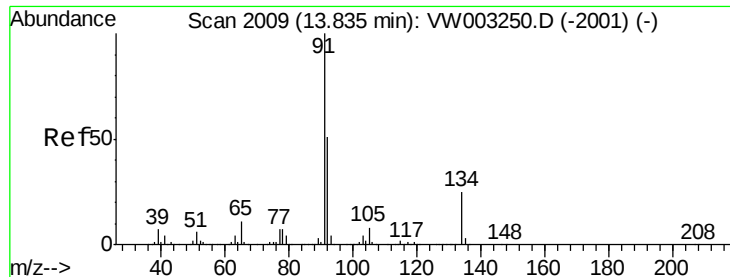
Tgt Ion:146 Resp: 108733
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.4
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.783 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion:146 Resp: 108860
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.2 57.6
 148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 21.335 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

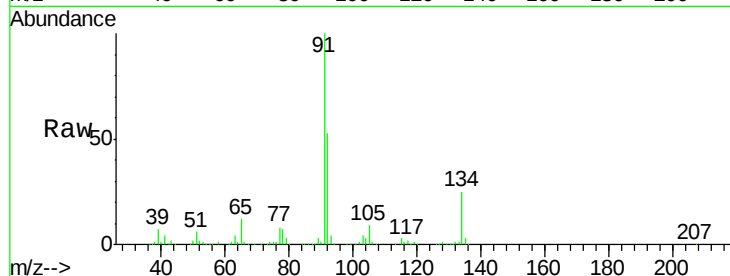
Tgt Ion: 91 Resp: 204922

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

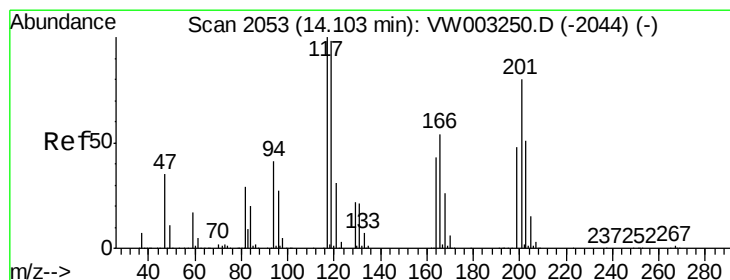
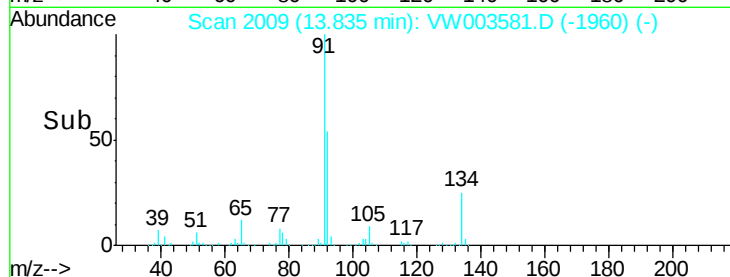
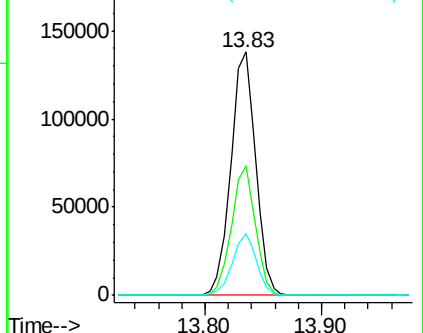
134 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.124 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003581.D

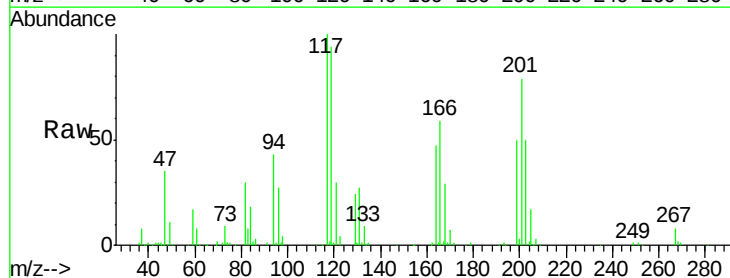
Acq: 26 Jun 2018 21:31

Tgt Ion: 117 Resp: 37654

Ion Ratio Lower Upper

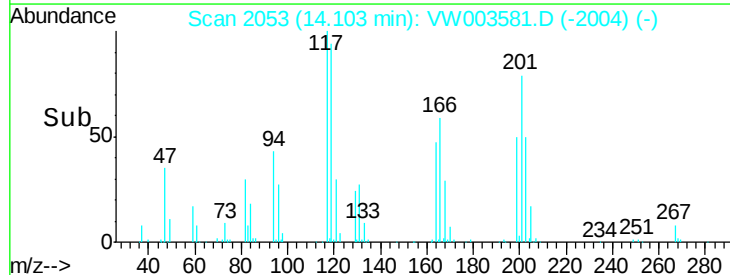
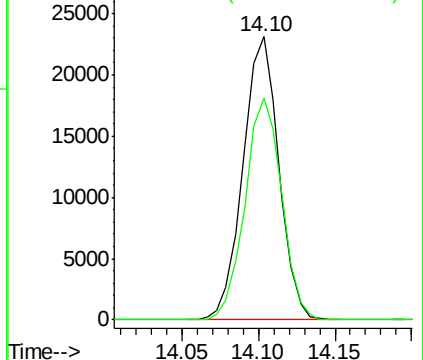
117 100

201 80.3 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 22.195 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

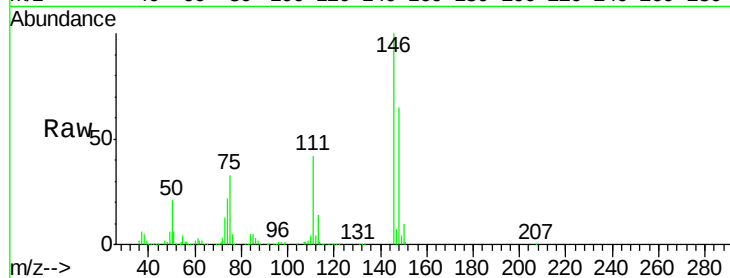
Tgt Ion:146 Resp: 97733

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

148 64.2 32.3 96.9

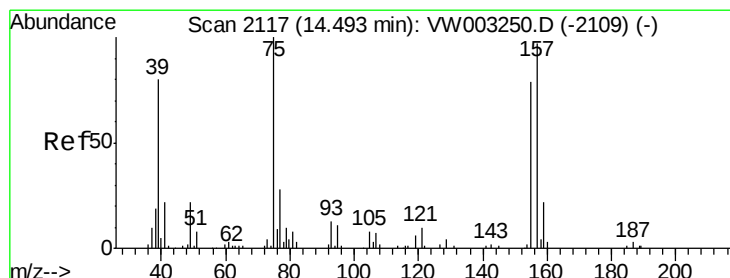
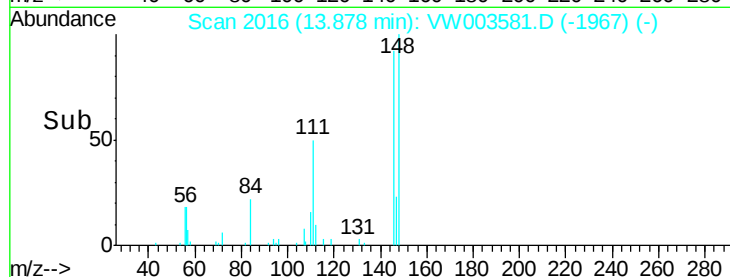
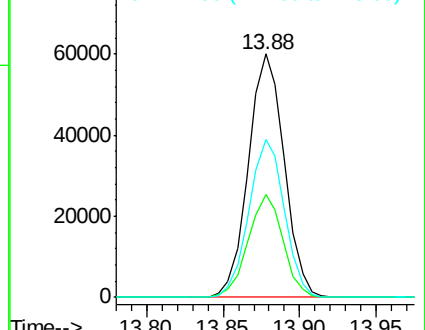


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.574 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

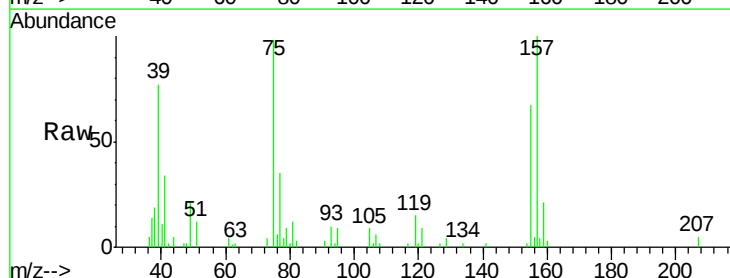
Tgt Ion: 75 Resp: 7052

Ion Ratio Lower Upper

75 100

155 74.1 39.4 118.2

157 96.5 51.5 154.5

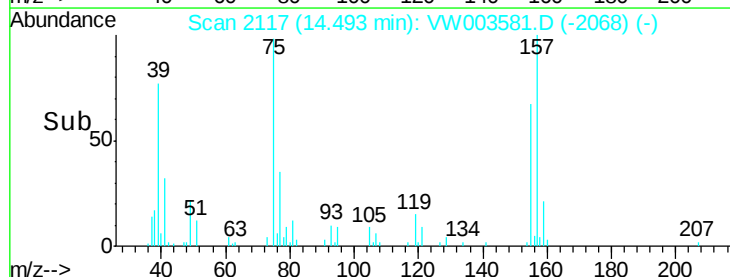
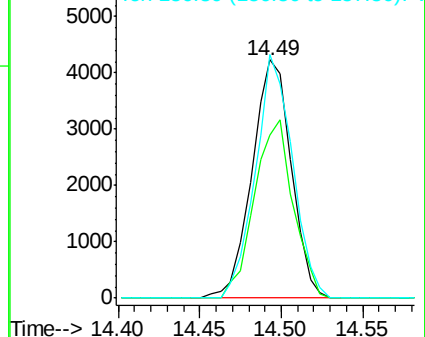


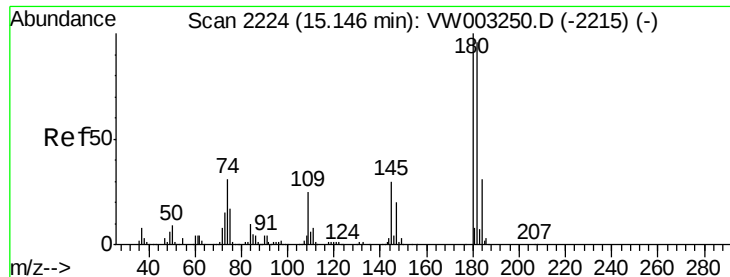
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

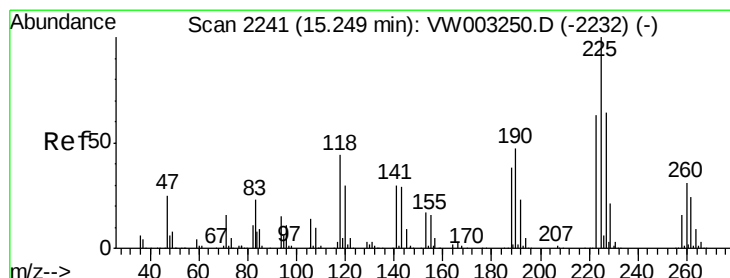
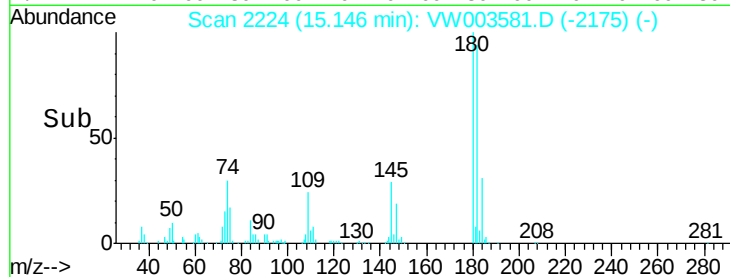
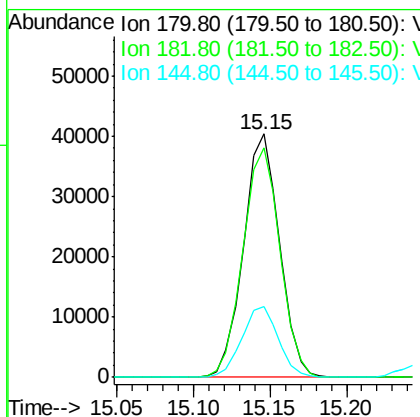
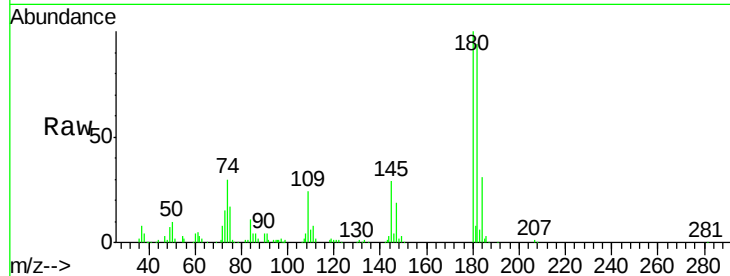




#93
 1,2,4-Trichlorobenzene
 Concen: 21.335 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

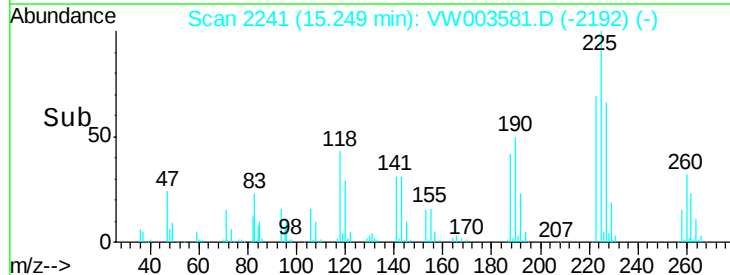
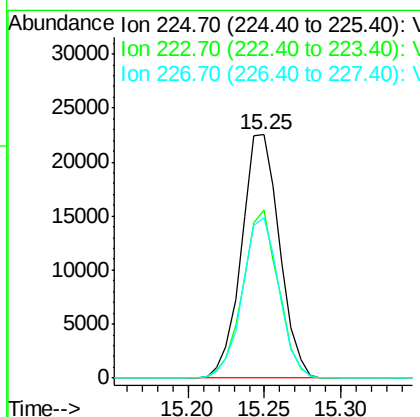
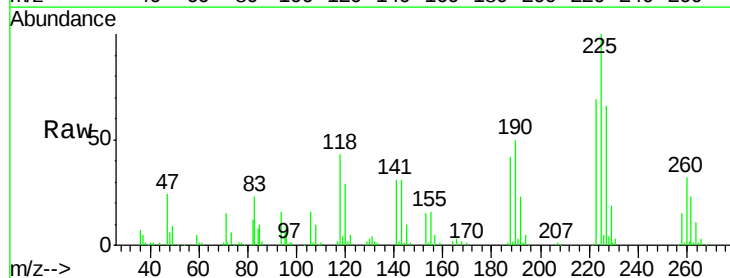
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

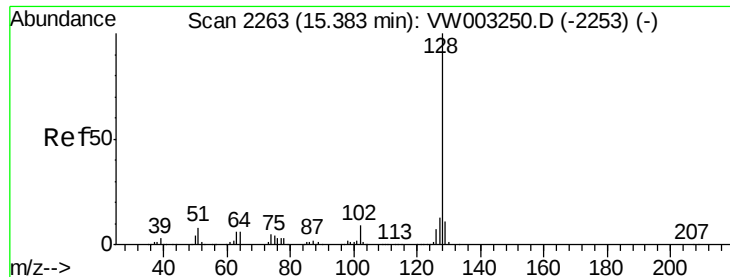
Tgt Ion:180 Resp: 65952
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.9 143.6
 145 29.5 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 20.901 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion:225 Resp: 38865
 Ion Ratio Lower Upper
 225 100
 223 64.7 30.6 92.0
 227 63.5 31.7 95.1





#95

Naphthalene

Concen: 22.019 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

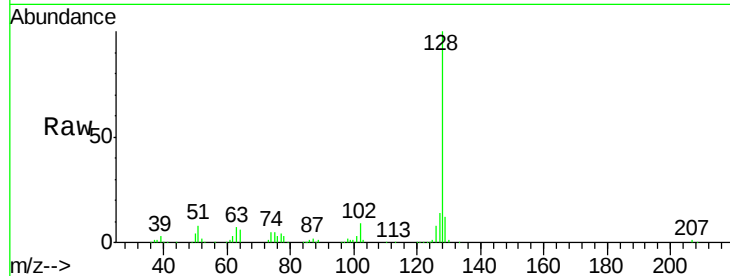
Tgt Ion:128 Resp: 115462

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

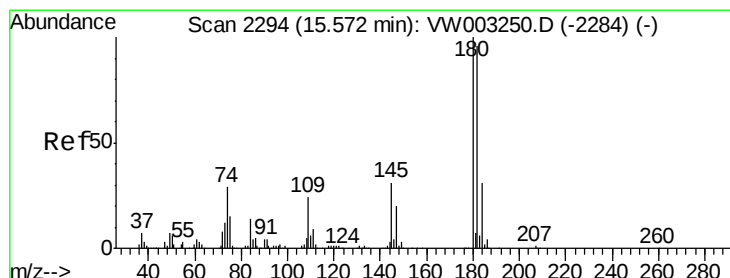
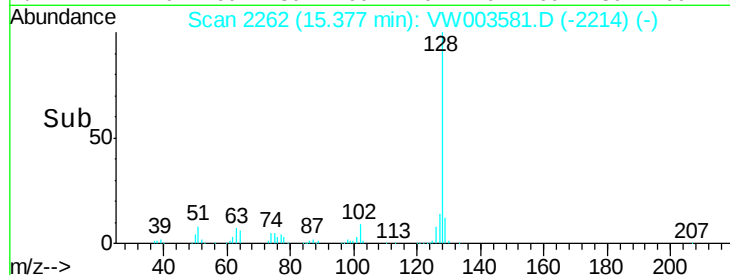
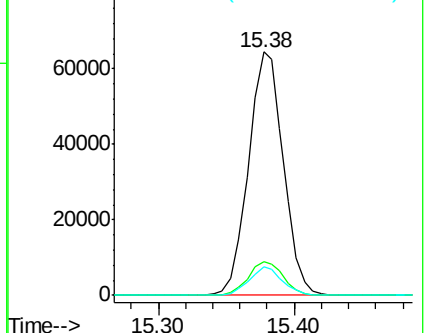
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.804 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

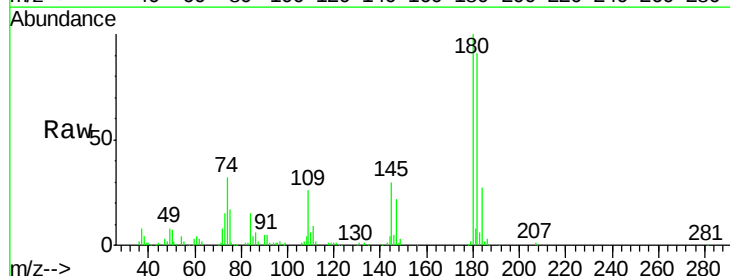
Tgt Ion:180 Resp: 59328

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

145 31.9 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

