

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003264.D
 Acq On : 14 Jun 2018 20:06
 Operator : VA/AP
 Sample : VW0615SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

Quant Time: Jun 15 06:44:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137210	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	7.89	113	120709	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	10.33	98	484103	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.63	95	168222	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	14629	20.069	ug/l	91
3) Chloromethane	2.21	50	38597	20.956	ug/l	95
4) Vinyl Chloride	2.36	62	54457	20.283	ug/l	99
5) Bromomethane	2.78	94	39615	22.199	ug/l	95
6) Chloroethane	2.92	64	40765	21.812	ug/l	96
7) Trichlorofluoromethane	3.25	101	32664	20.307	ug/l	94
8) Diethyl Ether	3.67	74	26002	22.006	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47332	21.191	ug/l	99
10) Methyl Iodide	4.26	142	70349	20.826	ug/l	98
11) Tert butyl alcohol	5.25	59	16234	115.903	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	45590	20.887	ug/l	93
13) Acrolein	3.89	56	21927	109.495	ug/l	95
14) Allyl chloride	4.66	41	74643	19.743	ug/l	97
15) Acrylonitrile	5.38	53	52870	108.753	ug/l	100
16) Acetone	4.15	43	53344	97.389	ug/l	96
17) Carbon Disulfide	4.37	76	131578	20.391	ug/l	99
18) Methyl Acetate	4.67	43	25123	19.334	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	84836	20.752	ug/l	97
20) Methylene Chloride	4.91	84	54819	21.465	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	48734	20.516	ug/l	95
22) Diisopropyl ether	6.31	45	158309	20.805	ug/l	95
23) Vinyl Acetate	6.26	43	458339	104.527	ug/l	100
24) 1,1-Dichloroethane	6.21	63	93925	20.793	ug/l	98
25) 2-Butanone	7.19	43	73209	107.486	ug/l	97
26) 2,2-Dichloropropane	7.17	77	59509	19.739	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53522	20.510	ug/l	98
28) Bromochloromethane	7.51	49	35877	19.086	ug/l	99
29) Tetrahydrofuran	7.54	42	45155	108.476	ug/l	99
30) Chloroform	7.68	83	95918	20.842	ug/l	100
31) Cyclohexane	7.95	56	83468	19.778	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	78723	20.724	ug/l	100
36) 1,1-Dichloropropene	8.09	75	74059	20.441	ug/l	99
37) Ethyl Acetate	7.26	43	35342	23.546	ug/l	98
38) Carbon Tetrachloride	8.07	117	74145	20.863	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84480	20.151	ug/l	98
40) Benzene	8.32	78	209746	21.002	ug/l	99
41) Methacrylonitrile	7.49	41	17371	18.859	ug/l	89
42) 1,2-Dichloroethane	8.40	62	67189	21.473	ug/l	99
43) Isopropyl Acetate	8.43	43	62439	20.950	ug/l	99
44) Trichloroethene	9.10	130	53348	20.159	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53203	20.923	ug/l	97
46) Dibromomethane	9.46	93	28351	21.777	ug/l	98
47) Bromodichloromethane	9.65	83	69917	20.952	ug/l	96
48) Methyl methacrylate	9.44	41	29784	21.265	ug/l	99
49) 1,4-Dioxane	9.49	88	8657	440.409	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	162980	107.318	ug/l	100
52) Toluene	10.39	92	134537	21.007	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	70093	20.562	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	79709	20.545	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38720	21.106	ug/l	97
56) Ethyl methacrylate	10.65	69	45523	20.435	ug/l	96
57) 1,3-Dichloropropane	10.94	76	68316	21.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	105978	106.123	ug/l	99
59) 2-Hexanone	10.98	43	111892	105.467	ug/l	100
60) Dibromochloromethane	11.13	129	46203	21.178	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36615	21.100	ug/l	98
64) Tetrachloroethene	10.87	164	48567	21.154	ug/l	98
65) Chlorobenzene	11.66	112	147340	20.613	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	52103	20.742	ug/l	99
67) Ethyl Benzene	11.74	91	257076	20.289	ug/l	99
68) m/p-Xylenes	11.85	106	198862	41.287	ug/l	99
69) o-Xylene	12.17	106	92390	20.698	ug/l	99
70) Styrene	12.19	104	154480	20.791	ug/l	99
71) Bromoform	12.35	173	27220	20.909	ug/l #	100
73) Isopropylbenzene	12.47	105	257749	20.011	ug/l	99
74) N-amyl acetate	12.28	43	60213	20.538	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46251	21.225	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	61337	38.744	ug/l #	100
77) Bromobenzene	12.76	156	60491	20.165	ug/l	96
78) n-propylbenzene	12.81	91	318976	20.224	ug/l	100
79) 2-Chlorotoluene	12.90	91	181623	20.377	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	224014	20.720	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13454	19.555	ug/l	94
82) 4-Chlorotoluene	12.99	91	192647	20.375	ug/l	99
83) tert-Butylbenzene	13.21	119	186561	20.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	229639	20.648	ug/l	100
85) sec-Butylbenzene	13.39	105	280109	20.453	ug/l	99
86) p-Isopropyltoluene	13.51	119	245716	20.342	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126631	20.549	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	126175	20.596	ug/l	98
89) n-Butylbenzene	13.84	91	238216	20.232	ug/l	99
90) Hexachloroethane	14.10	117	44725	20.468	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112795	20.896	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7630	20.806	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jun 14 08:20:43 2018
Response via : Initial Calibration

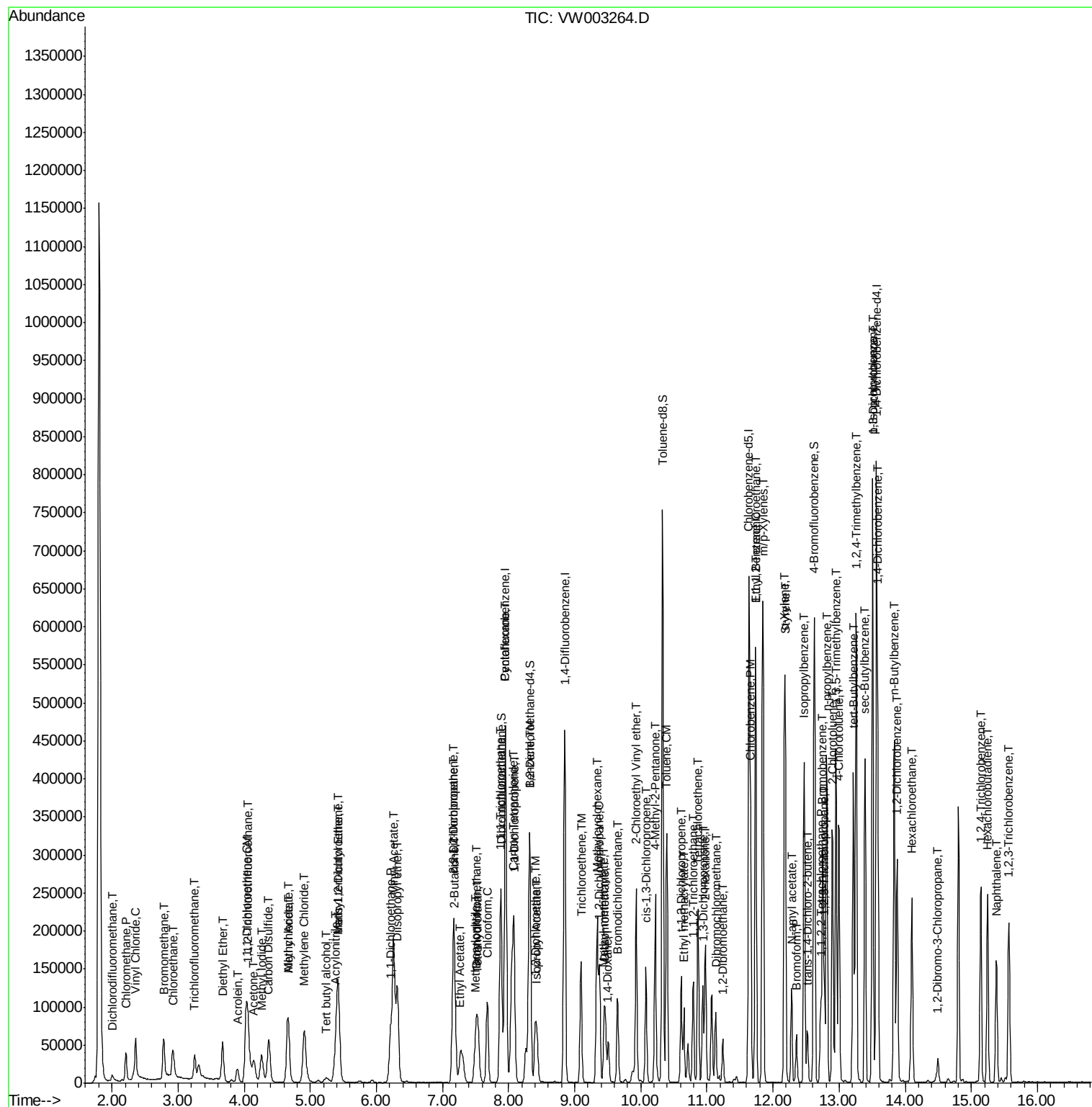
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80411	21.219	ug/l	99
94) Hexachlorobutadiene	15.25	225	47018	20.627	ug/l	99
95) Naphthalene	15.38	128	133503	20.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70007	20.988	ug/l	98

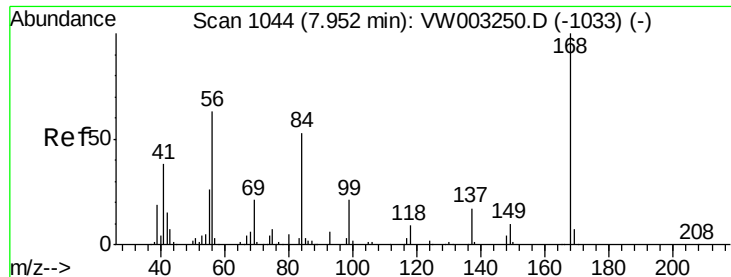
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

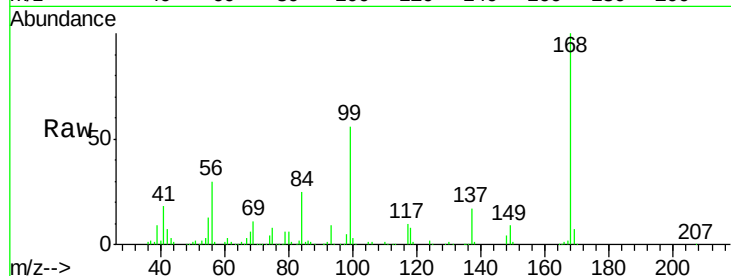
VW0615SBS01

Tgt Ion:168 Resp: 241115

Ion Ratio Lower Upper

168 100

99 56.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

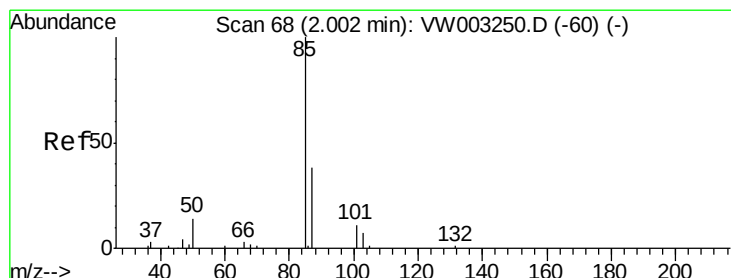
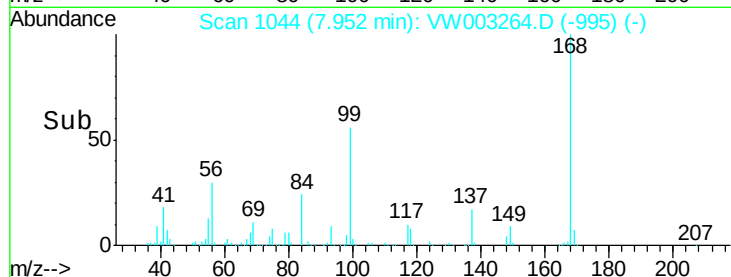
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.069 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003264.D

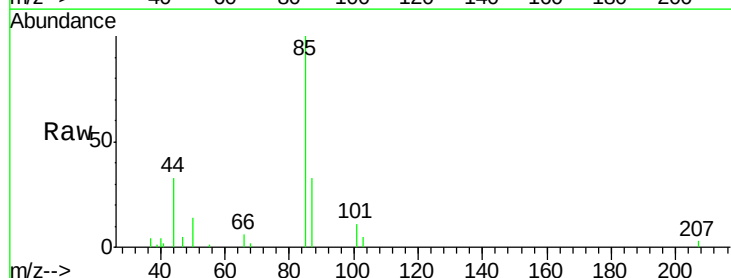
Acq: 14 Jun 2018 20:06

Tgt Ion: 85 Resp: 14629

Ion Ratio Lower Upper

85 100

87 32.7 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

5000

4000

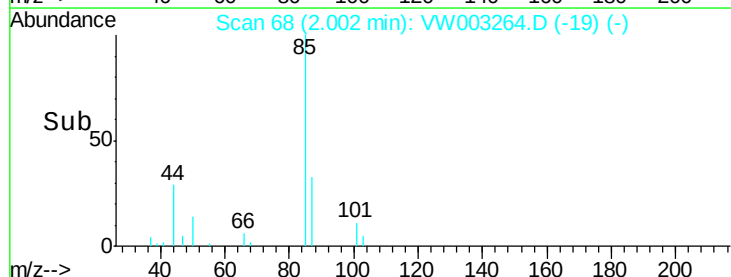
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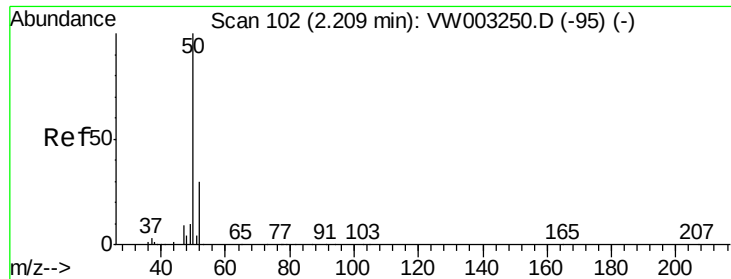
2000

1000

0

Time-->





#3

Chloromethane

Concen: 20.956 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

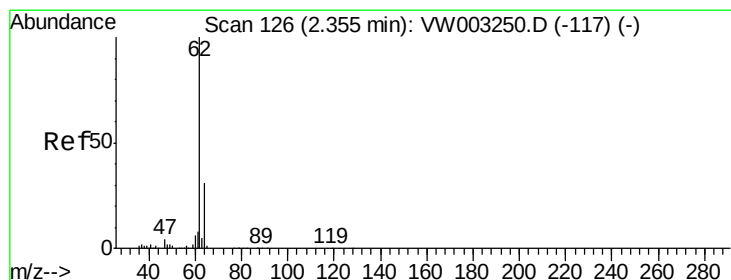
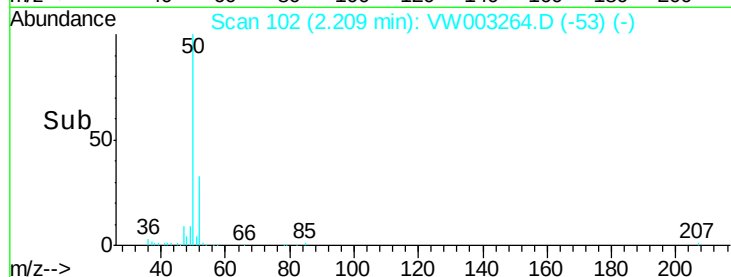
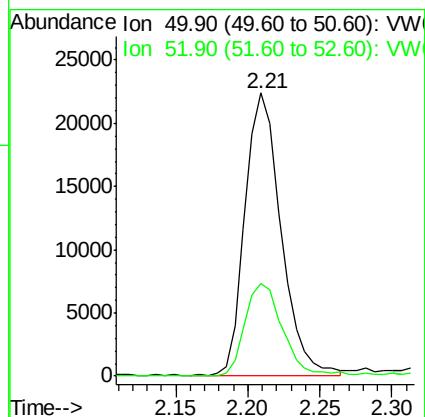
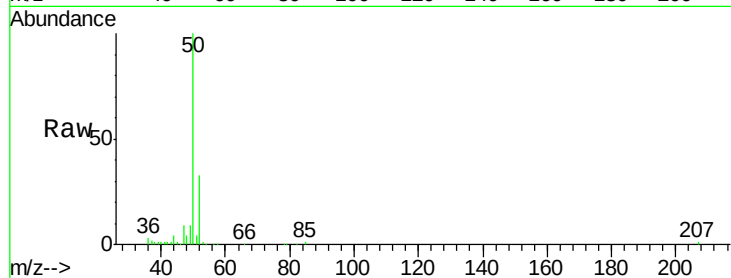
VW0615SBS01

Tgt Ion: 50 Resp: 38597

Ion Ratio Lower Upper

50 100

52 32.7 24.2 36.2



#4

Vinyl Chloride

Concen: 20.283 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003264.D

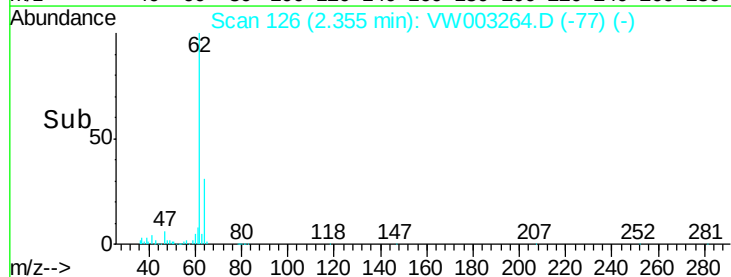
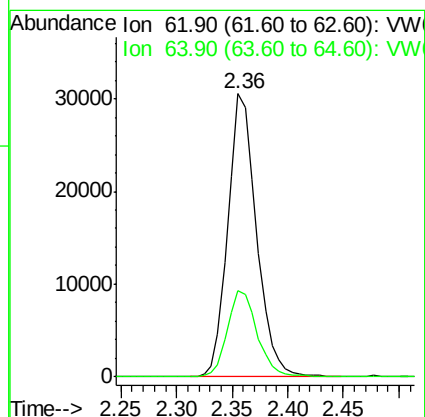
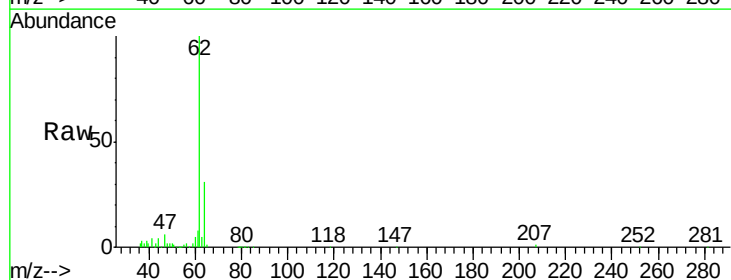
Acq: 14 Jun 2018 20:06

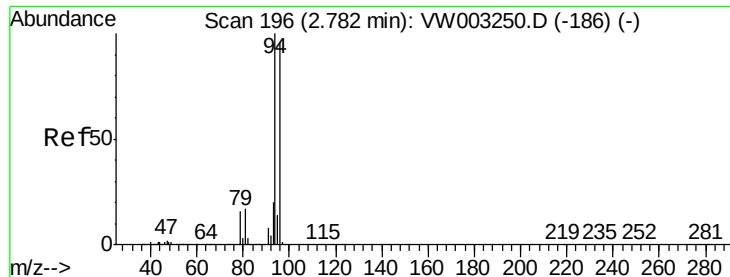
Tgt Ion: 62 Resp: 54457

Ion Ratio Lower Upper

62 100

64 30.5 24.9 37.3





#5

Bromomethane

Concen: 22.199 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

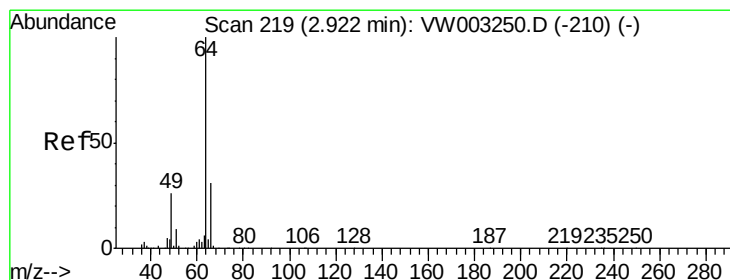
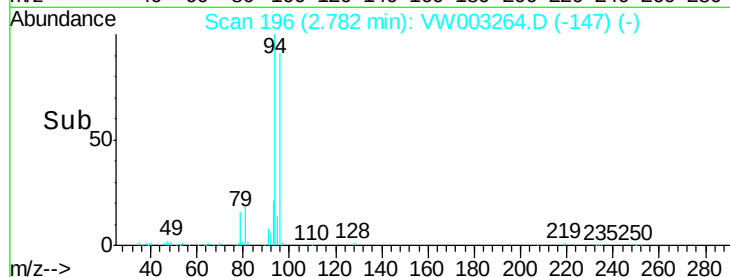
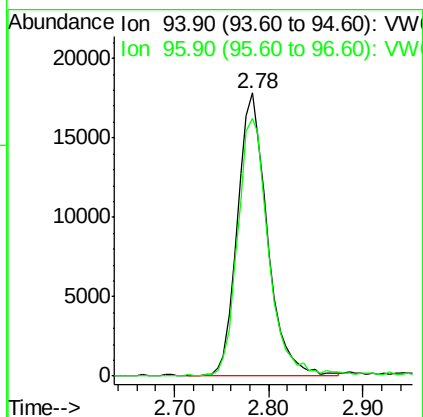
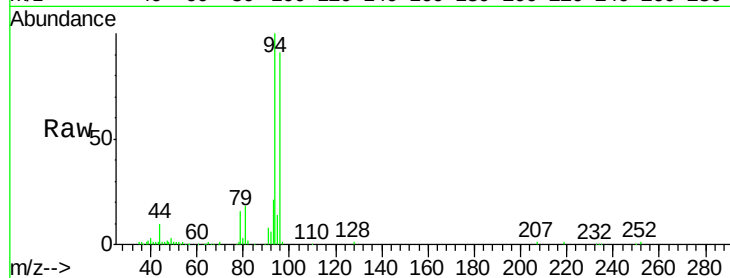
VW0615SBS01

Tgt Ion: 94 Resp: 39615

Ion Ratio Lower Upper

94 100

96 90.8 76.5 114.7



#6

Chloroethane

Concen: 21.812 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003264.D

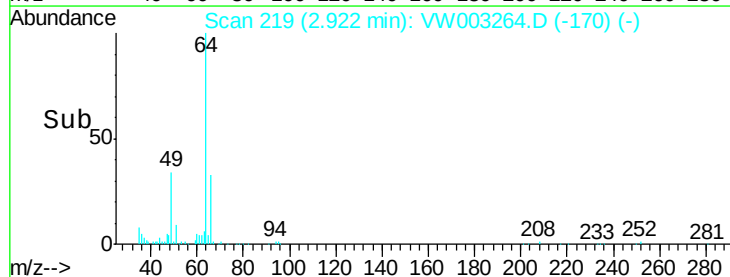
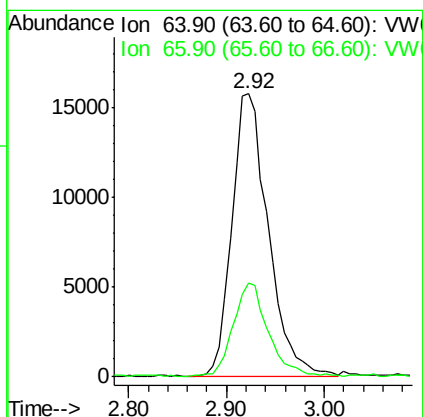
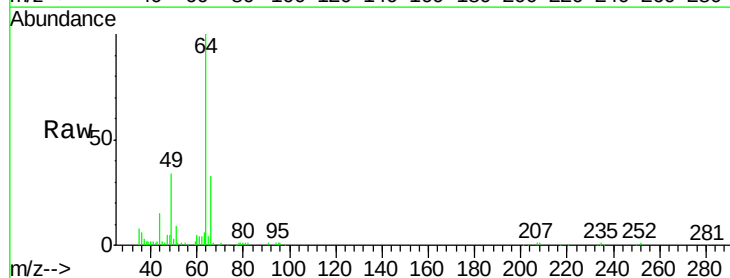
Acq: 14 Jun 2018 20:06

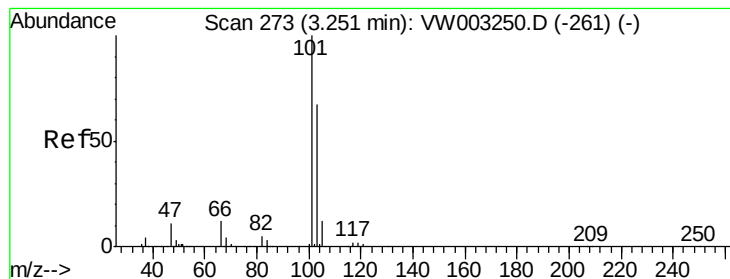
Tgt Ion: 64 Resp: 40765

Ion Ratio Lower Upper

64 100

66 32.9 24.4 36.6



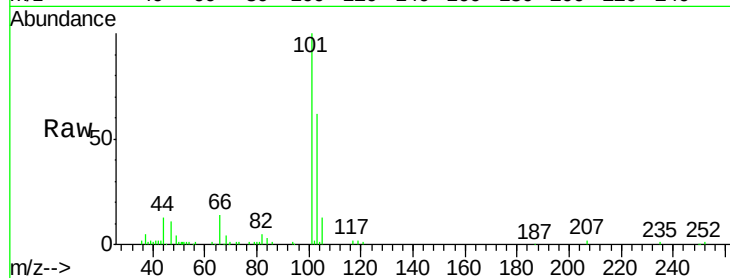


#7

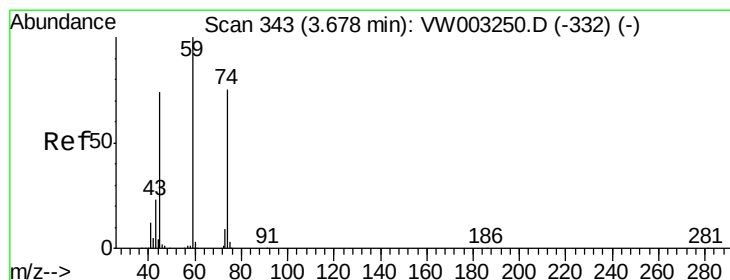
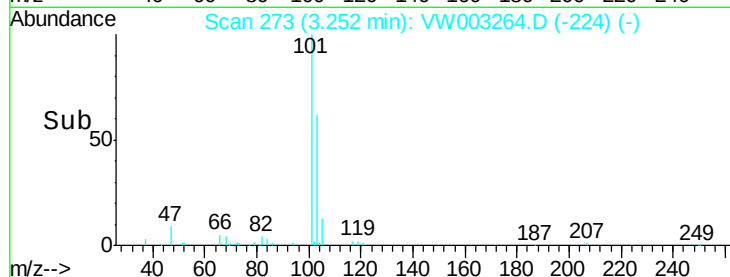
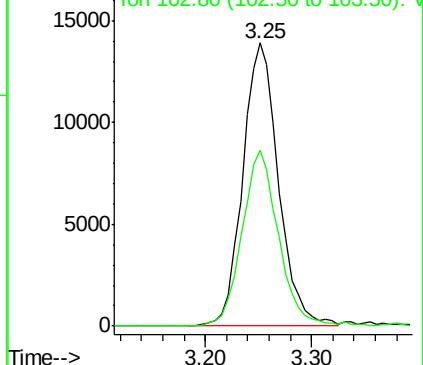
Trichlorofluoromethane
Concen: 20.307 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

Tgt Ion:101 Resp: 32664
Ion Ratio Lower Upper
101 100
103 62.0 53.4 80.0



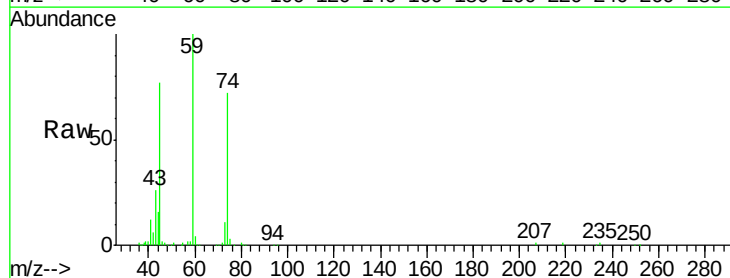
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



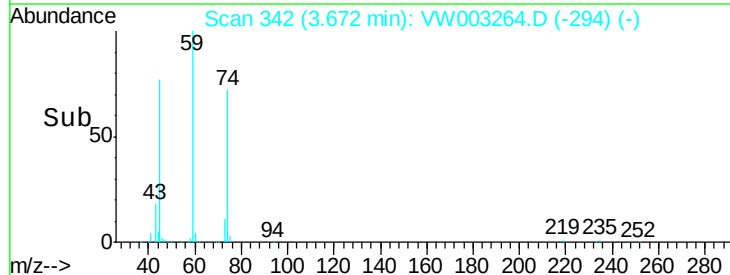
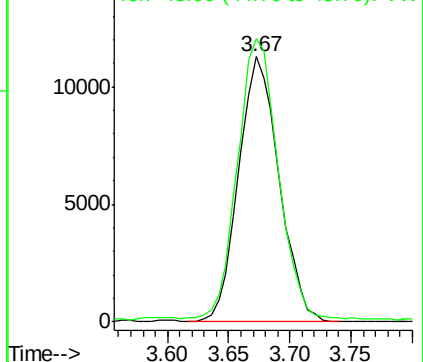
#8

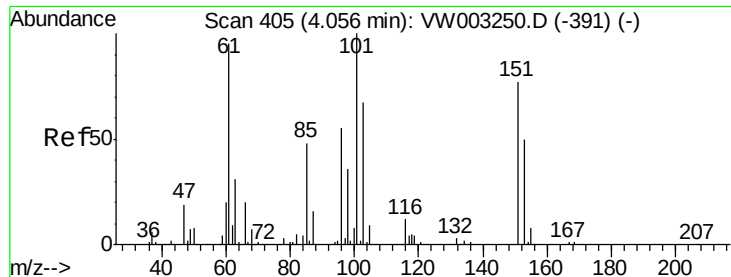
Diethyl Ether
Concen: 22.006 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 74 Resp: 26002
Ion Ratio Lower Upper
74 100
45 105.1 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.191 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

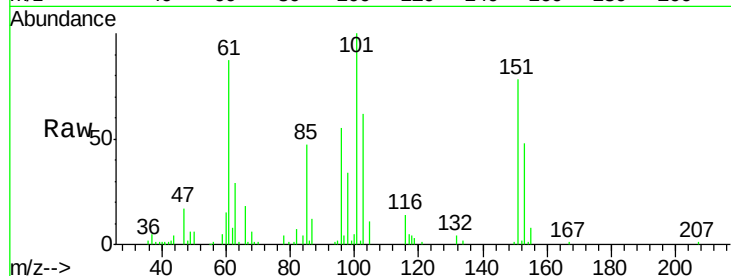
Tgt Ion:101 Resp: 47332

Ion Ratio Lower Upper

101 100

85 46.4 37.0 55.6

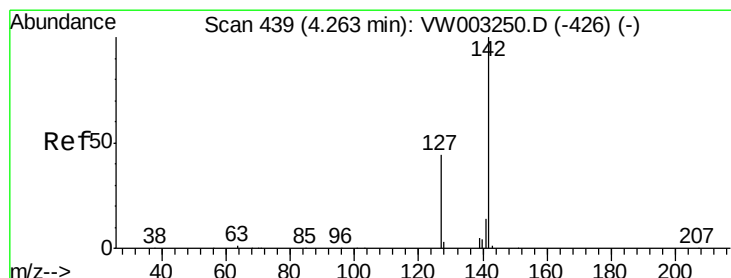
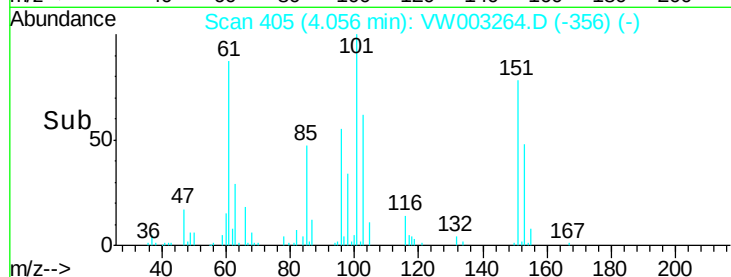
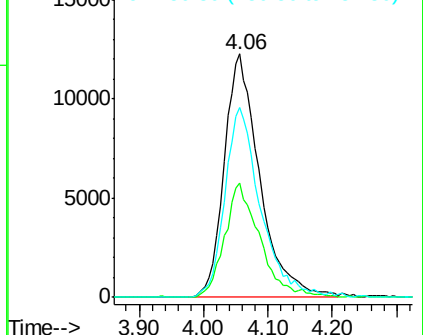
151 78.2 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.826 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

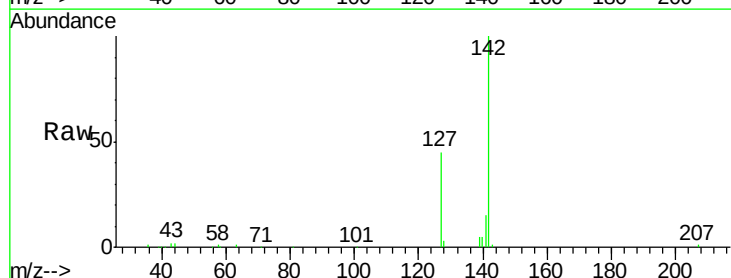
Tgt Ion:142 Resp: 70349

Ion Ratio Lower Upper

142 100

127 44.1 36.5 54.7

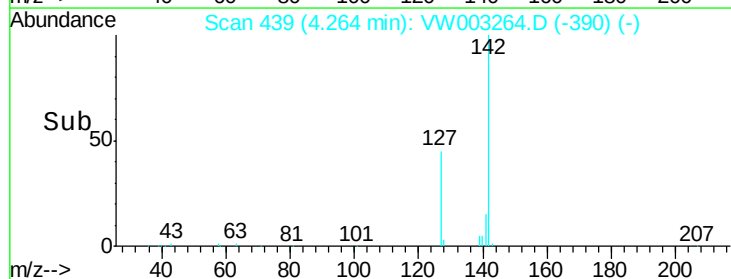
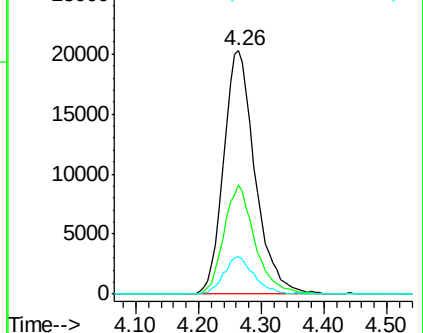
141 14.8 12.1 18.1

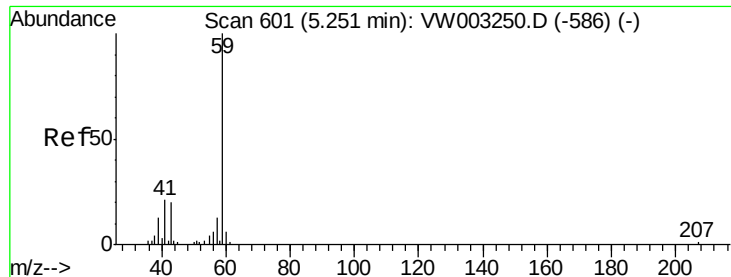


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



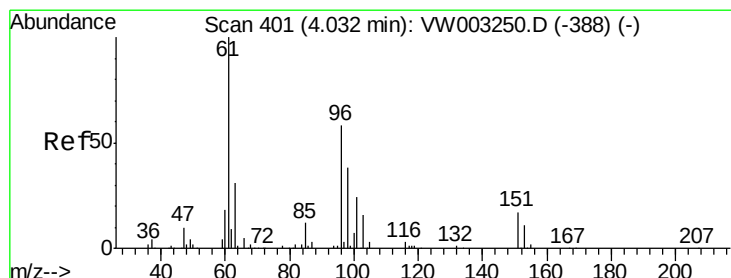
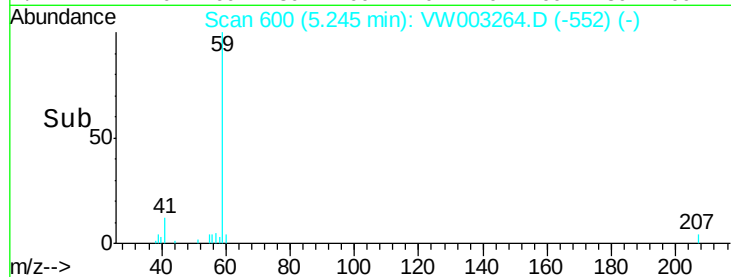
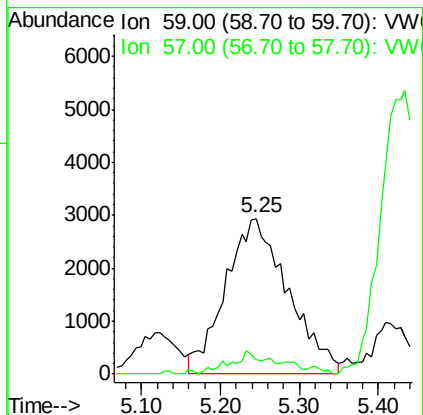
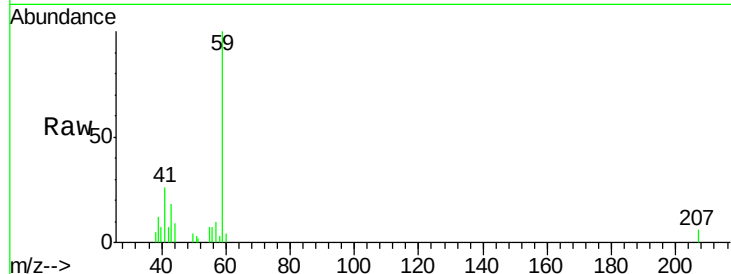


#11

Tert butyl alcohol
 Concen: 115.903 ug/l
 RT: 5.25 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

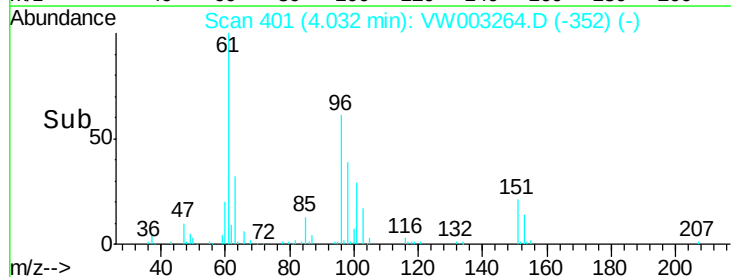
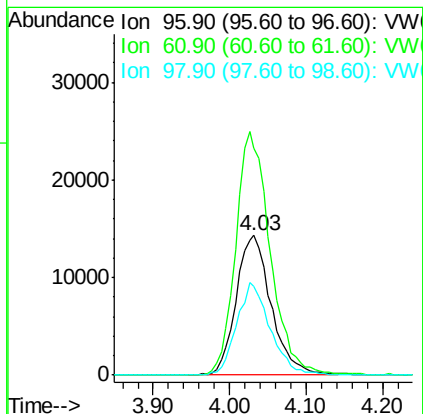
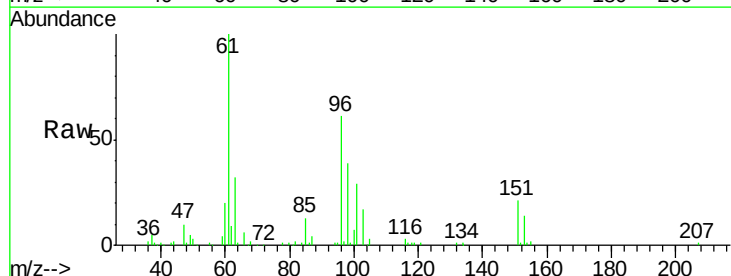
Tgt Ion: 59 Resp: 16234
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

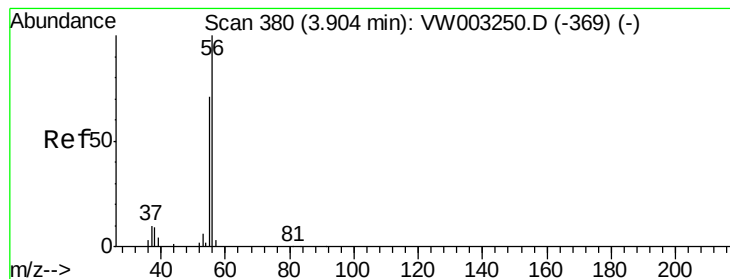


#12

1,1-Dichloroethene
 Concen: 20.887 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion: 96 Resp: 45590
 Ion Ratio Lower Upper
 96 100
 61 163.1 139.0 208.4
 98 63.5 53.3 79.9





#13

Acrolein

Concen: 109.495 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

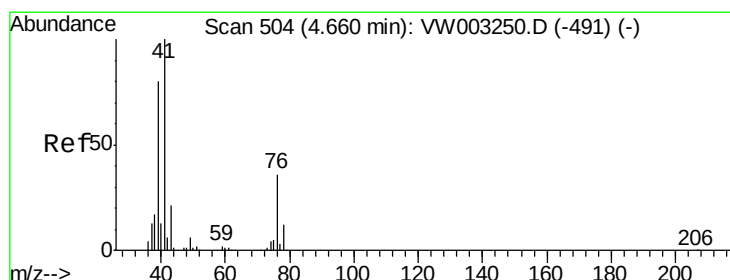
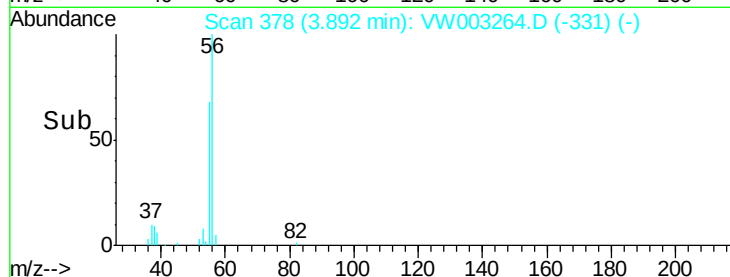
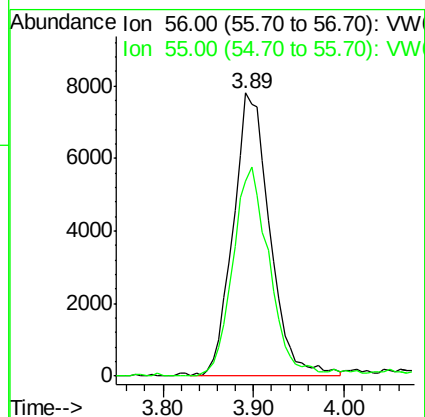
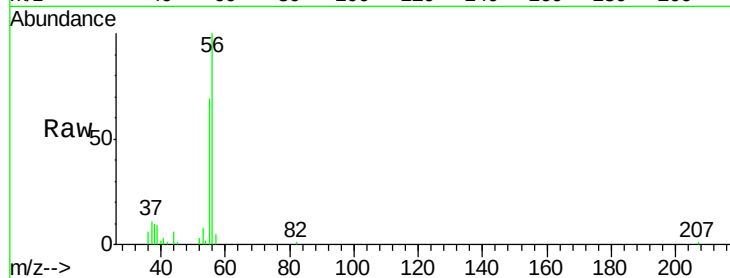
VW0615SBS01

Tgt Ion: 56 Resp: 21927

Ion Ratio Lower Upper

56 100

55 73.5 55.4 83.2



#14

Allyl chloride

Concen: 19.743 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

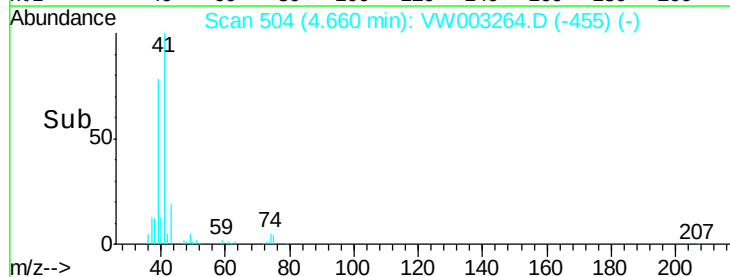
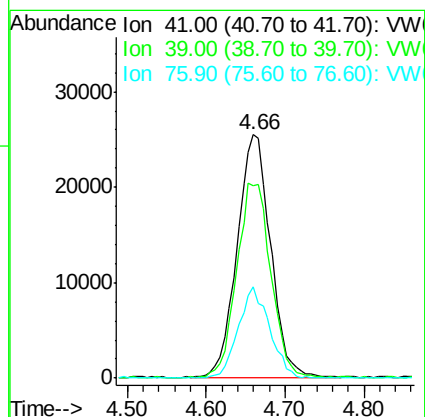
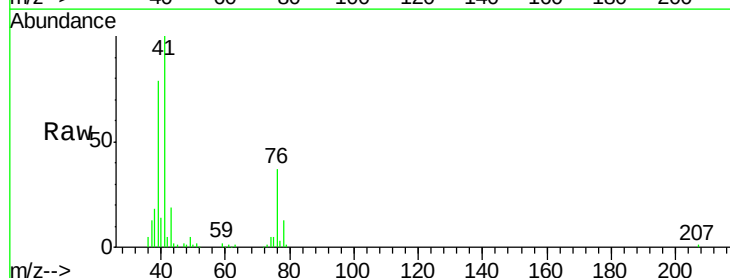
Tgt Ion: 41 Resp: 74643

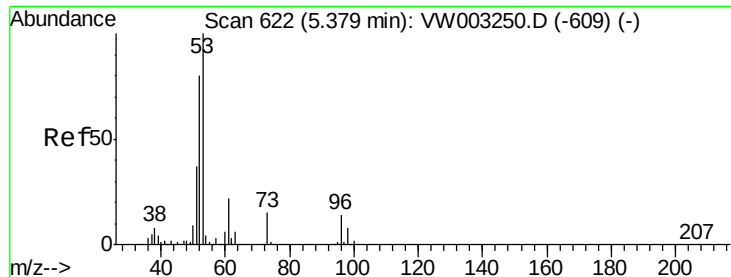
Ion Ratio Lower Upper

41 100

39 83.0 63.2 94.8

76 35.4 28.0 42.0





#15

Acrylonitrile

Concen: 108.753 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

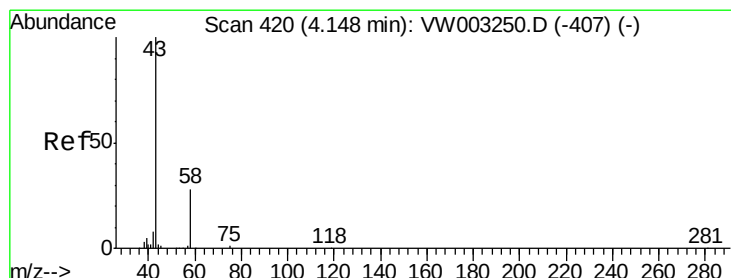
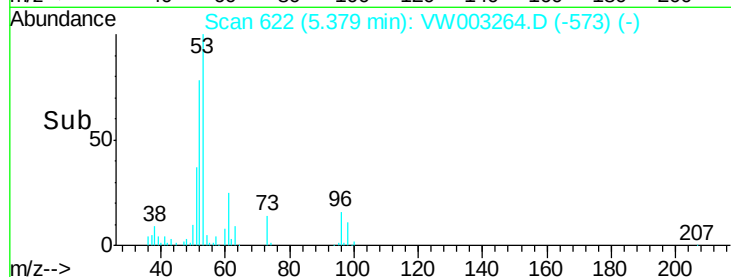
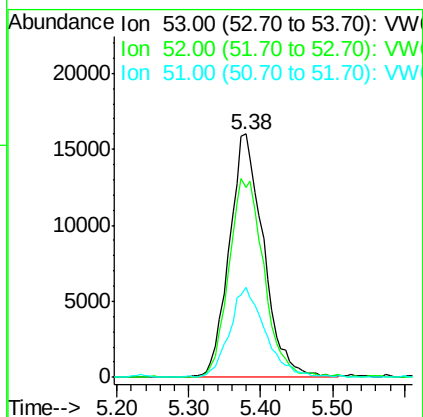
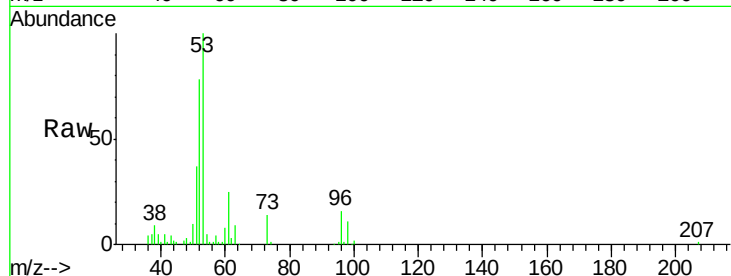
Tgt Ion: 53 Resp: 52870

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 38.5 30.6 46.0



#16

Acetone

Concen: 97.389 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003264.D

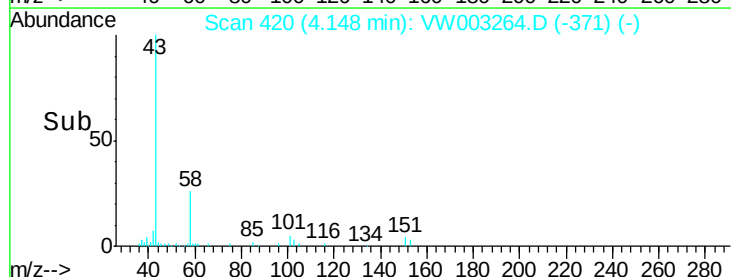
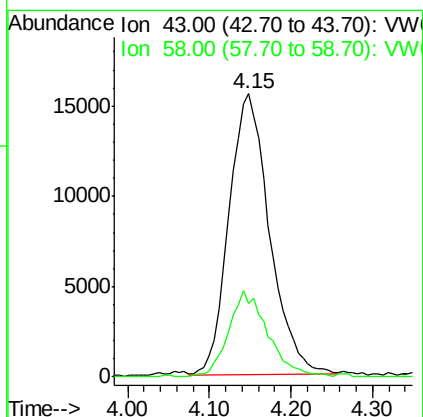
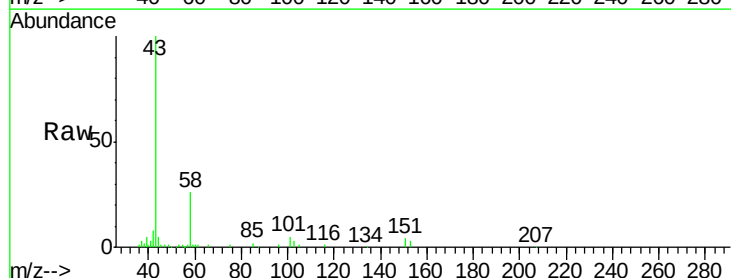
Acq: 14 Jun 2018 20:06

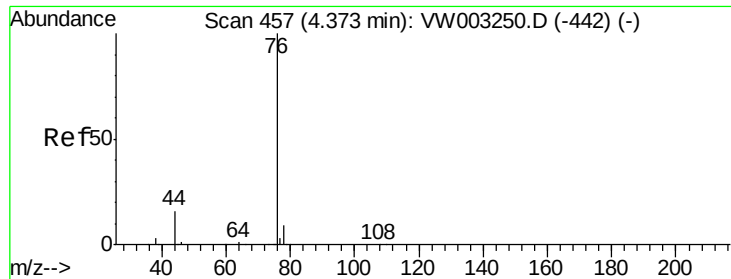
Tgt Ion: 43 Resp: 53344

Ion Ratio Lower Upper

43 100

58 26.3 22.6 34.0

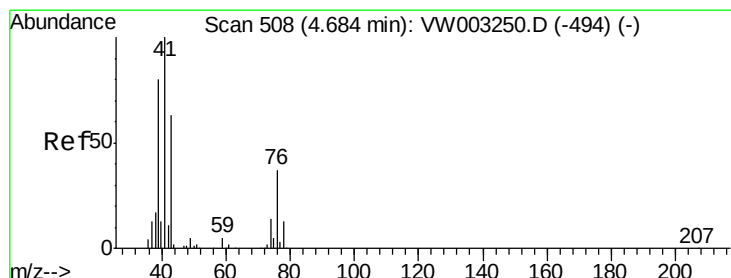
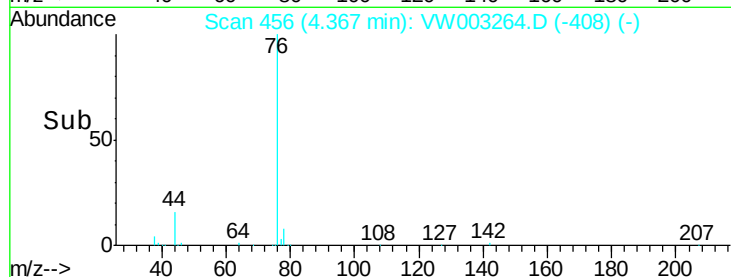
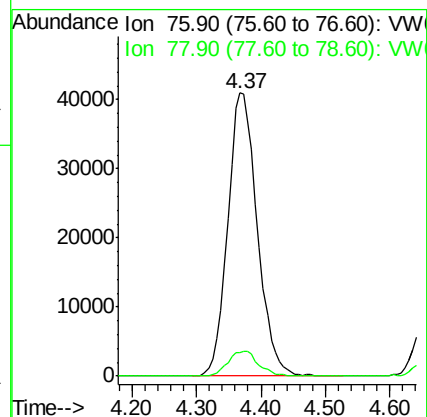
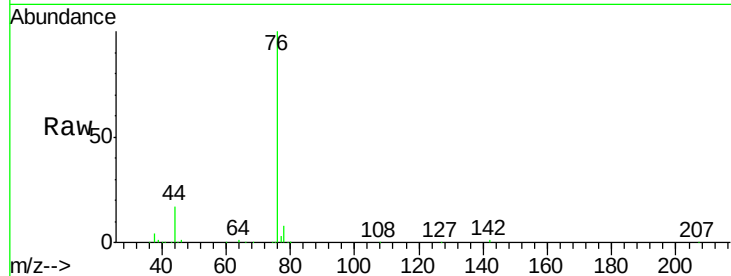




#17
Carbon Disulfide
Concen: 20.391 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

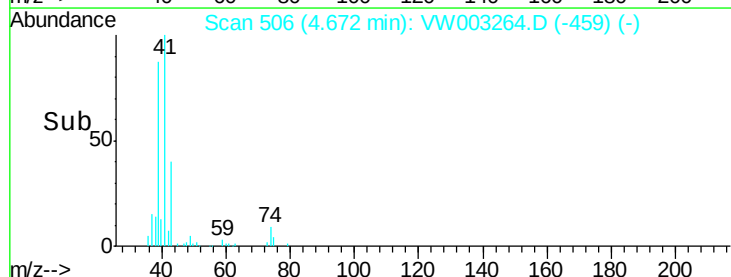
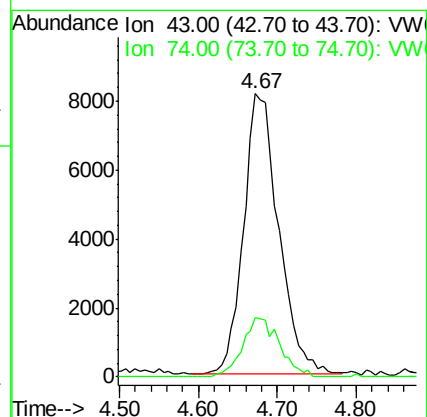
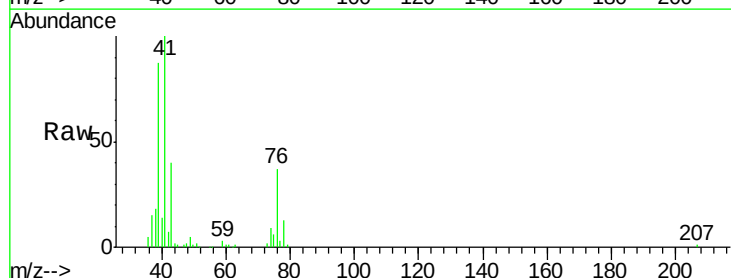
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

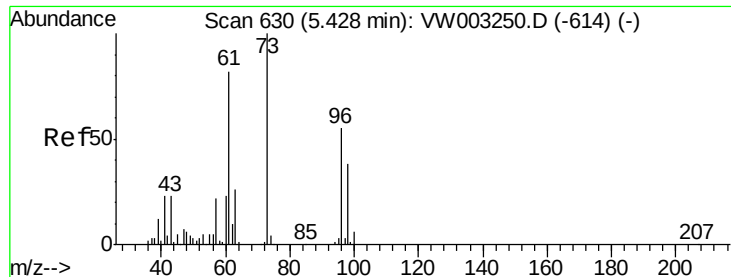
Tgt Ion: 76 Resp: 131578
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



#18
Methyl Acetate
Concen: 19.334 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 43 Resp: 25123
Ion Ratio Lower Upper
43 100
74 22.1 18.7 28.1

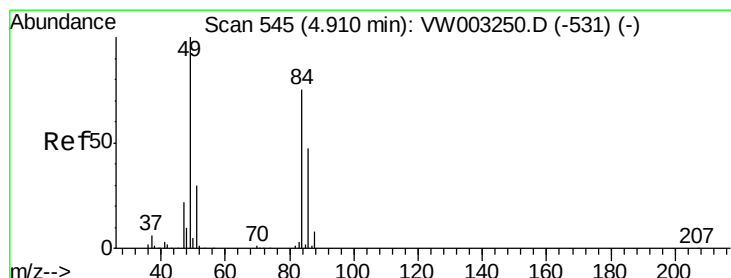
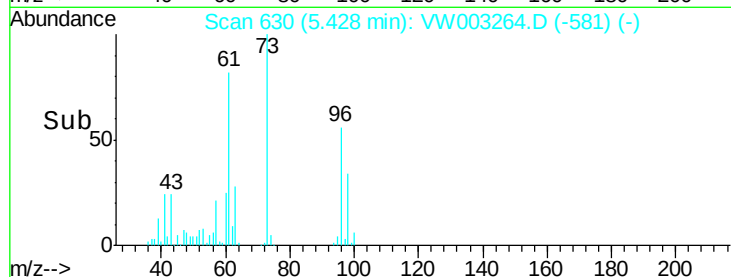
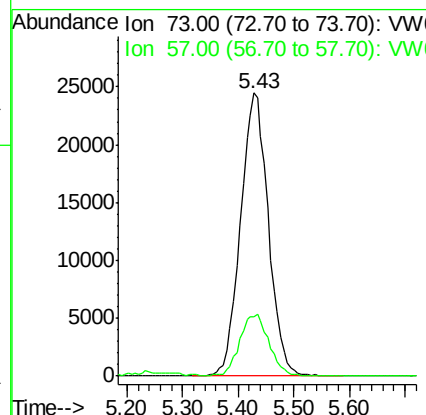
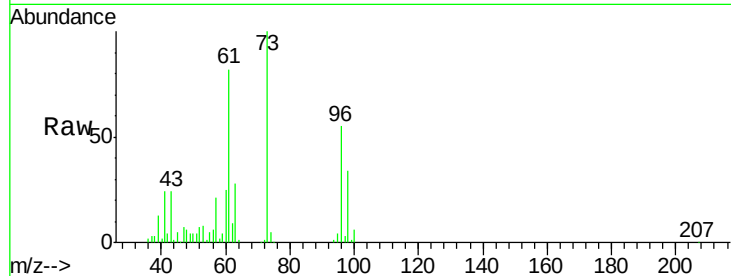




#19
Methyl tert-butyl Ether
Concen: 20.752 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

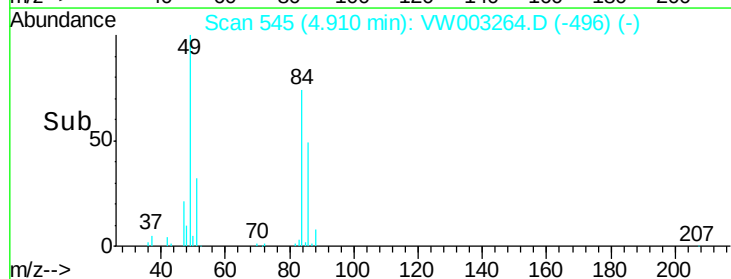
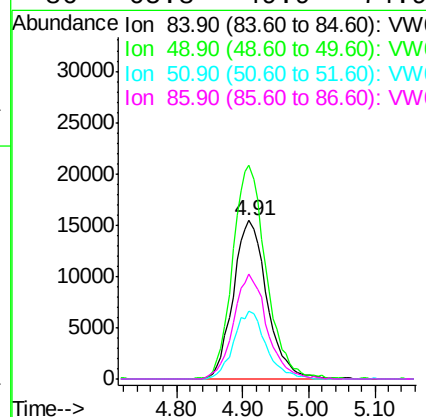
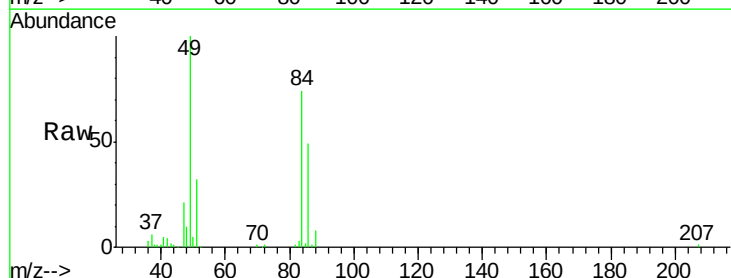
Instrument :
MSVOA_W
ClientSampled :
VW0615SBS01

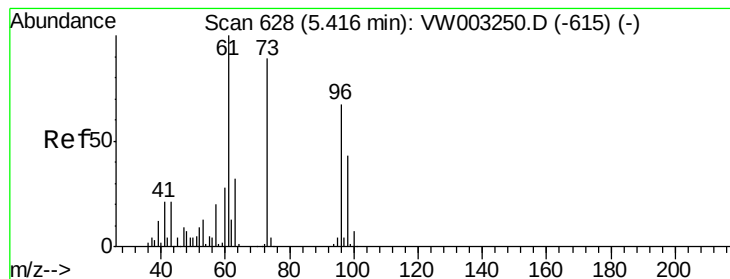
Tgt Ion: 73 Resp: 84836
Ion Ratio Lower Upper
73 100
57 21.2 18.0 27.0



#20
Methylene Chloride
Concen: 21.465 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 84 Resp: 54819
Ion Ratio Lower Upper
84 100
49 134.6 106.3 159.5
51 42.6 32.0 48.0
86 65.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.516 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

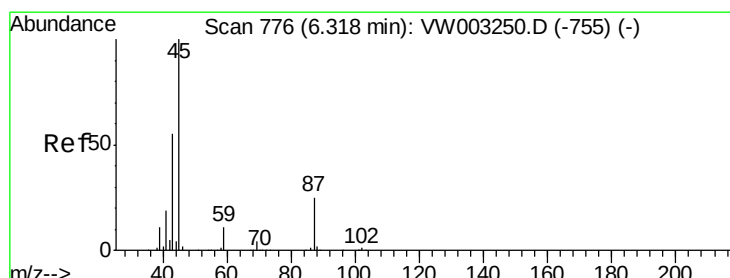
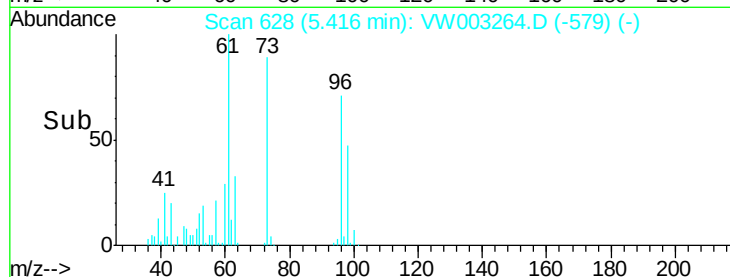
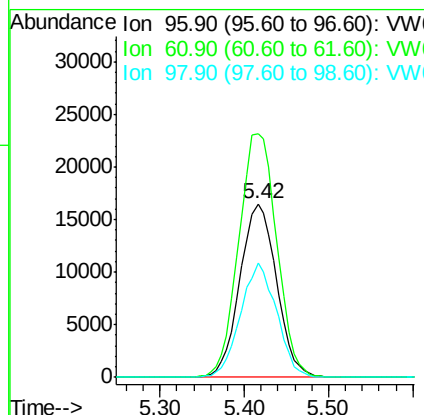
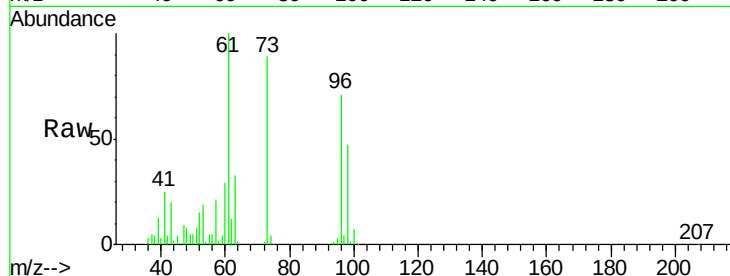
Tgt Ion: 96 Resp: 48734

Ion Ratio Lower Upper

96 100

61 140.4 118.7 178.1

98 66.2 51.0 76.6



#22

Diisopropyl ether

Concen: 20.805 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Tgt Ion: 45 Resp: 158309

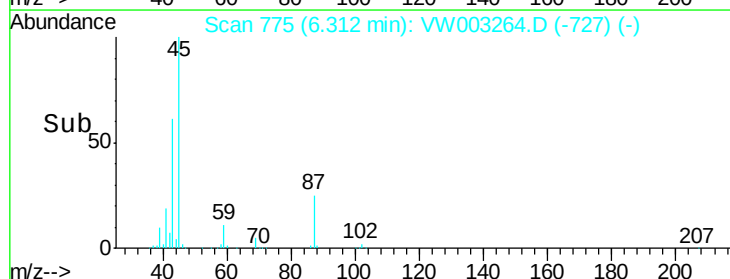
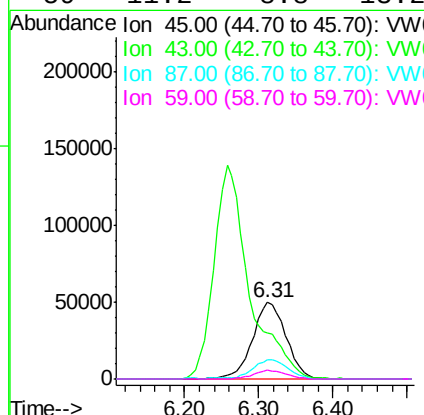
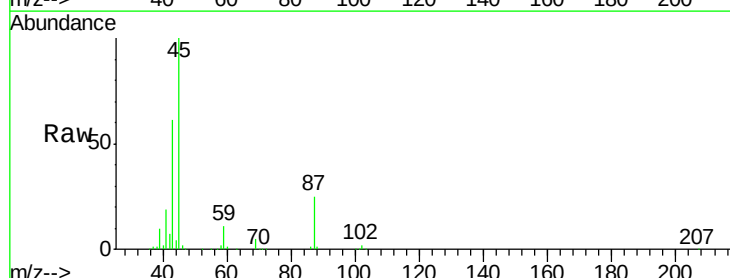
Ion Ratio Lower Upper

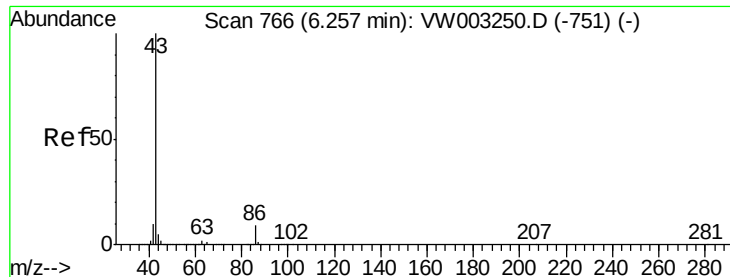
45 100

43 60.2 44.0 66.0

87 25.2 20.6 31.0

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 104.527 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

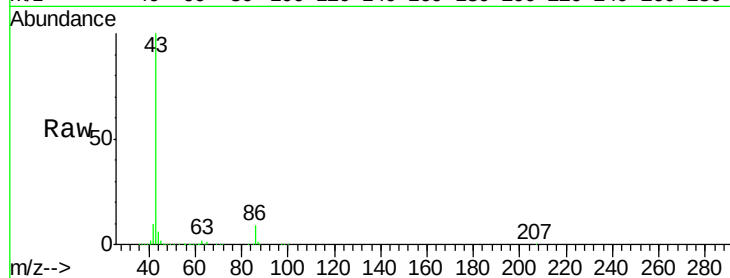
VW0615SBS01

Tgt Ion: 43 Resp: 458339

Ion Ratio Lower Upper

43 100

86 9.5 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

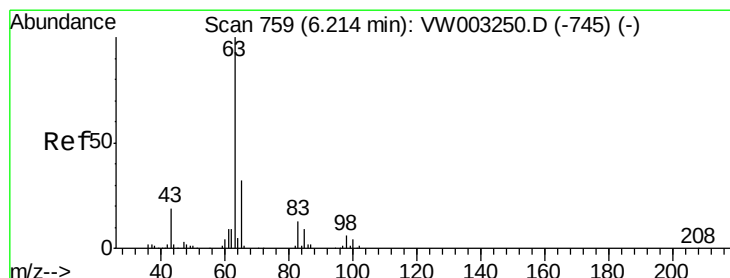
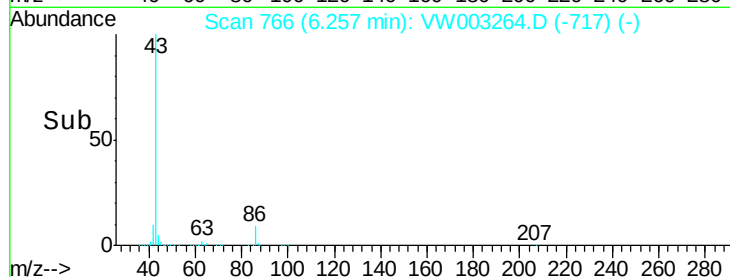
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.793 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

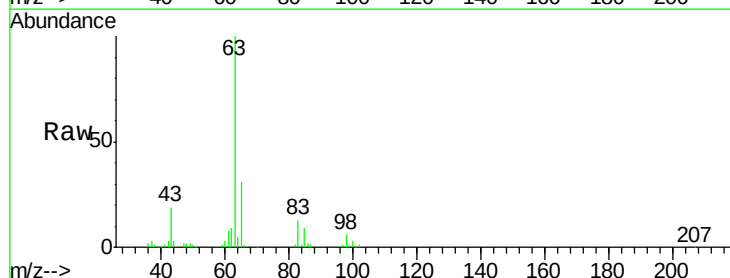
Tgt Ion: 63 Resp: 93925

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.3

100 3.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

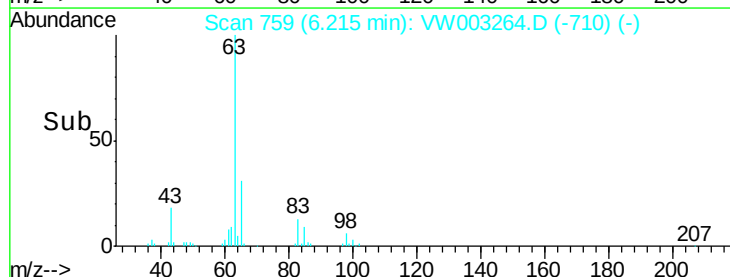
30000

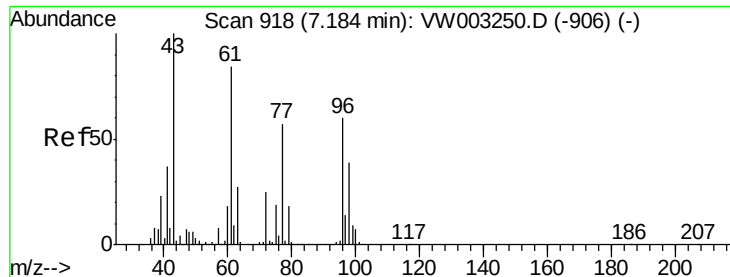
20000

10000

0

Time-->





#25

2-Butanone

Concen: 107.486 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

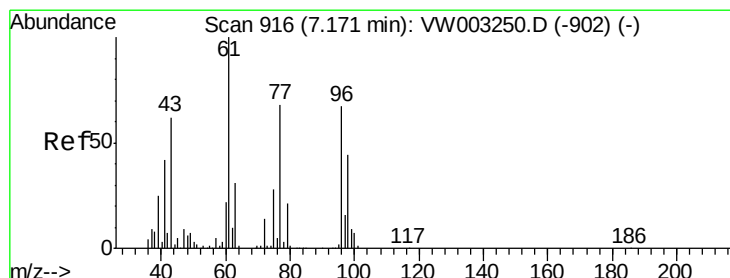
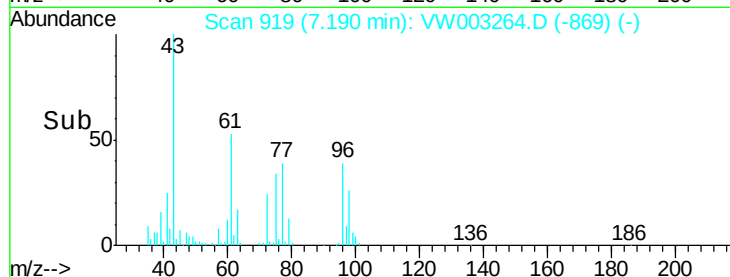
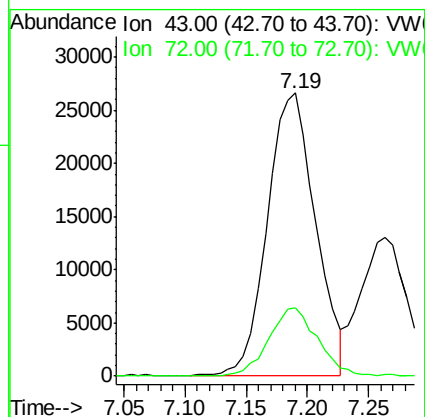
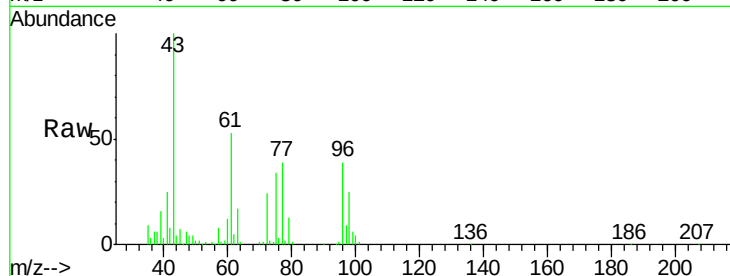
VW0615SBS01

Tgt Ion: 43 Resp: 73209

Ion Ratio Lower Upper

43 100

72 24.0 20.3 30.5



#26

2,2-Dichloropropane

Concen: 19.739 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003264.D

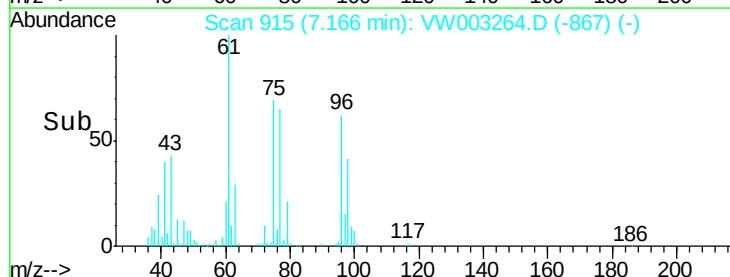
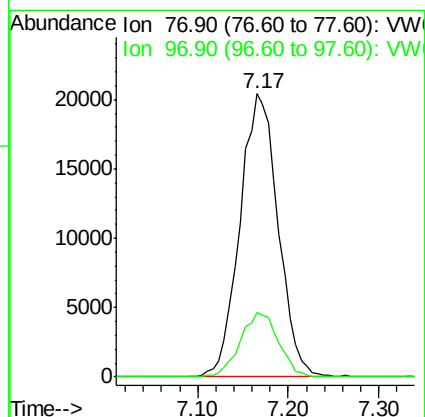
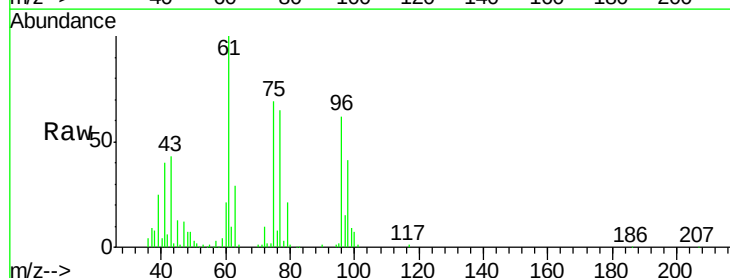
Acq: 14 Jun 2018 20:06

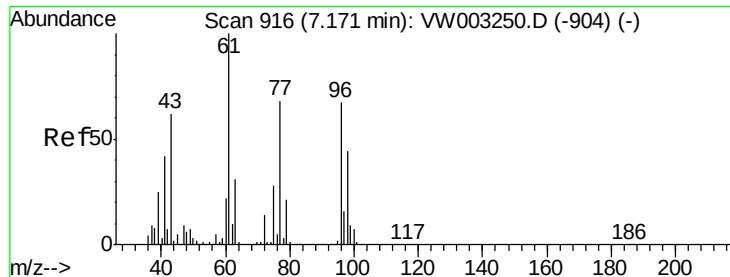
Tgt Ion: 77 Resp: 59509

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9



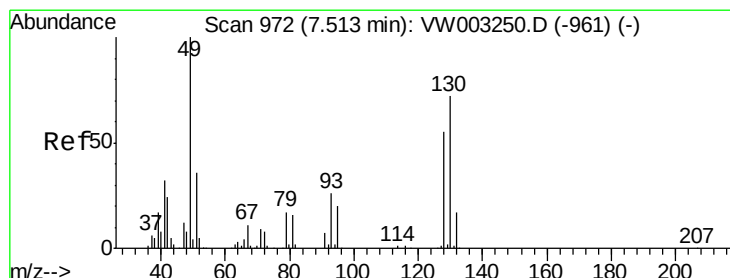
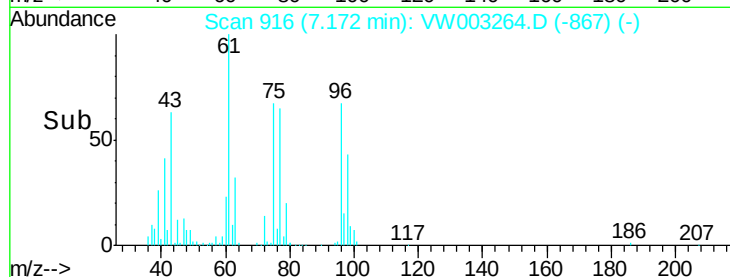
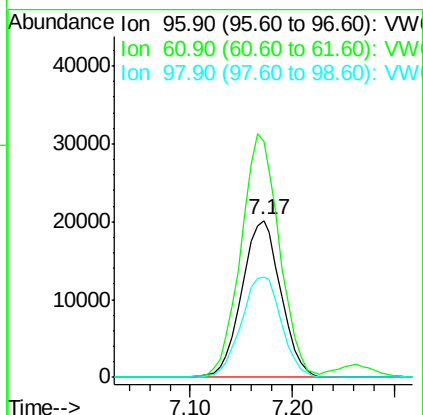
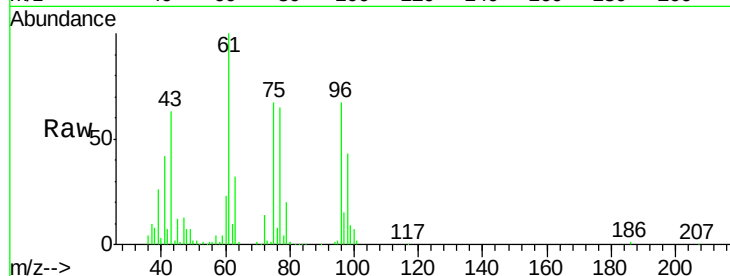


#27

cis-1,2-Dichloroethene
Concen: 20.510 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

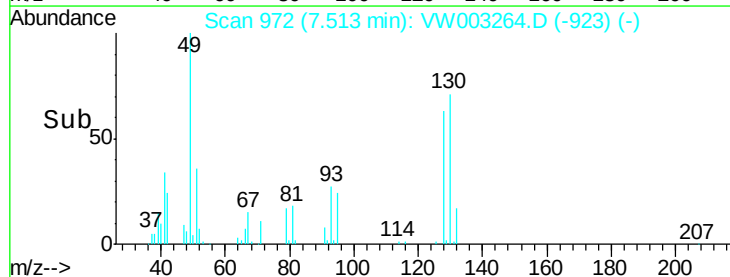
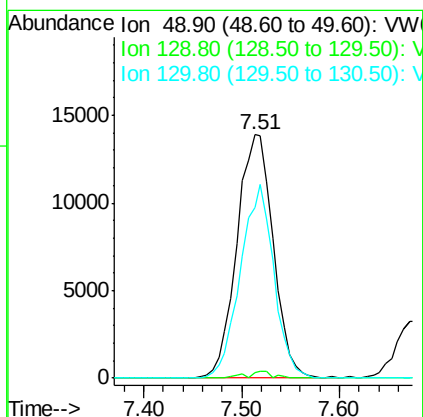
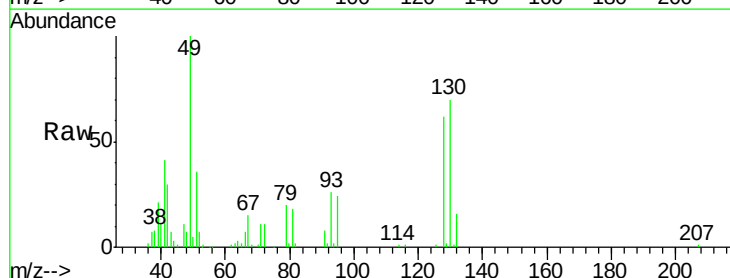
Tgt Ion: 96 Resp: 53522
Ion Ratio Lower Upper
96 100
61 153.0 0.0 298.8
98 66.0 0.0 130.4

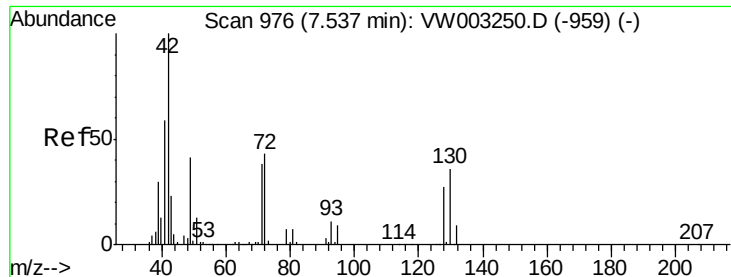


#28

Bromochloromethane
Concen: 19.086 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 49 Resp: 35877
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.6
130 73.1 59.4 89.2

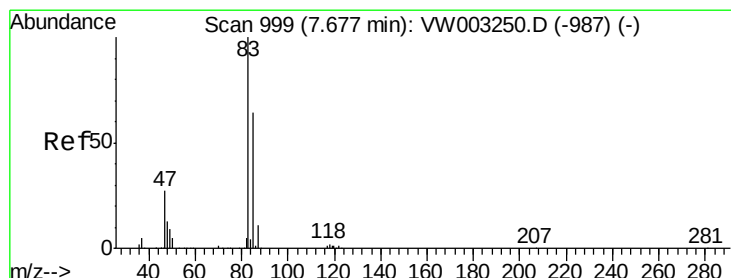
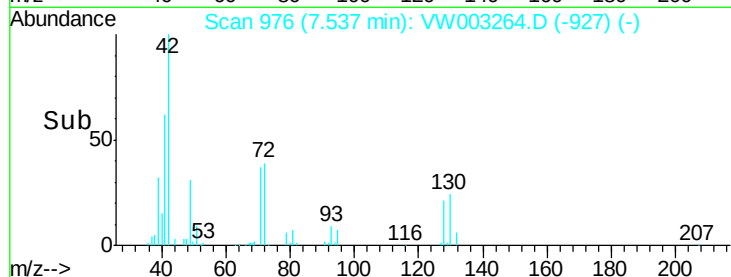
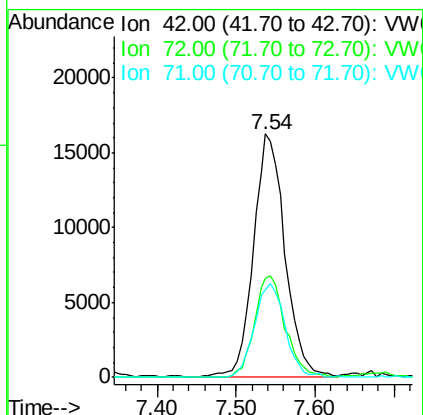
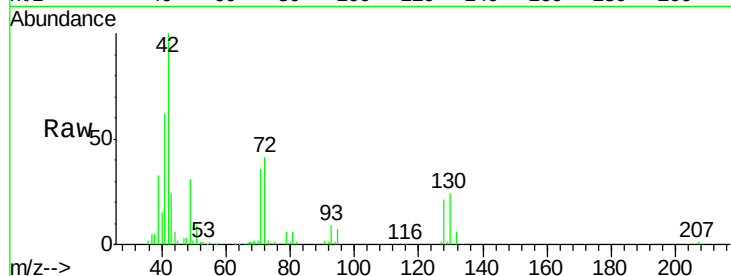




#29
Tetrahydrofuran
Concen: 108.476 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

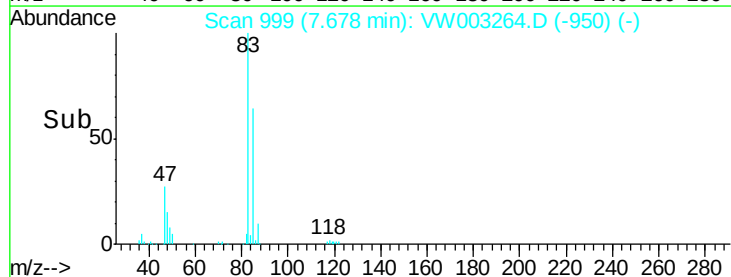
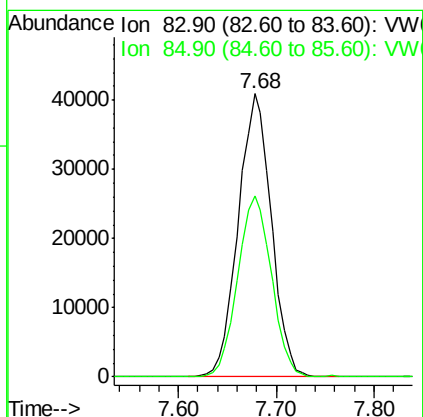
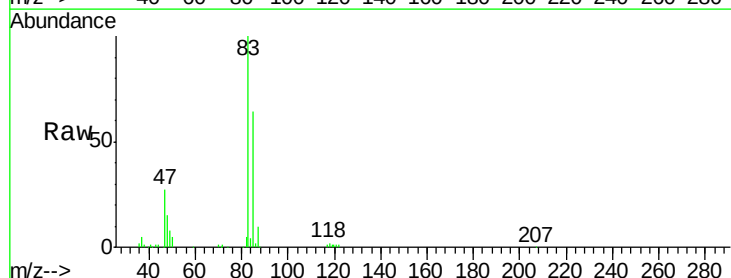
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

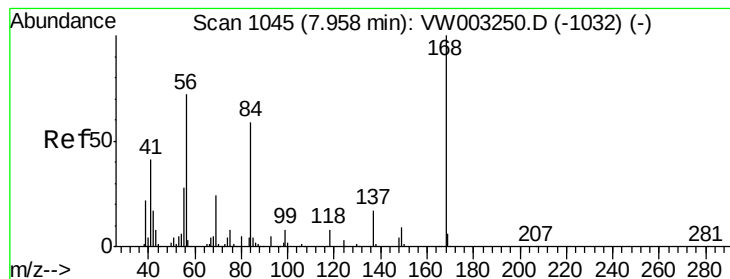
Tgt Ion: 42 Resp: 45155
Ion Ratio Lower Upper
42 100
72 40.7 32.4 48.6
71 37.7 31.2 46.8



#30
Chloroform
Concen: 20.842 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 83 Resp: 95918
Ion Ratio Lower Upper
83 100
85 63.7 51.3 76.9





#31

Cyclohexane

Concen: 19.778 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampled :

VW0615SBS01

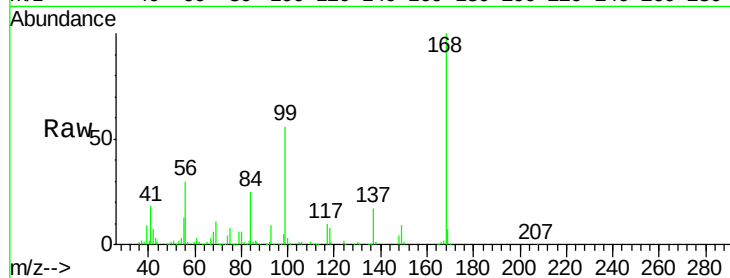
Tgt Ion: 56 Resp: 83468

Ion Ratio Lower Upper

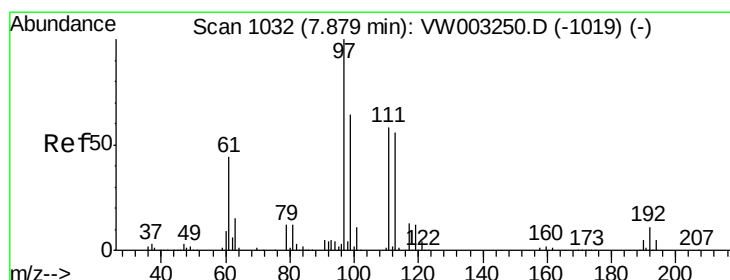
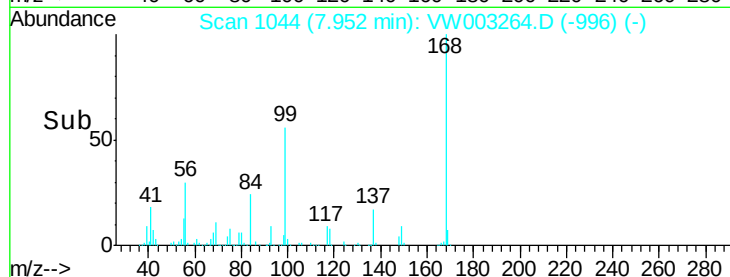
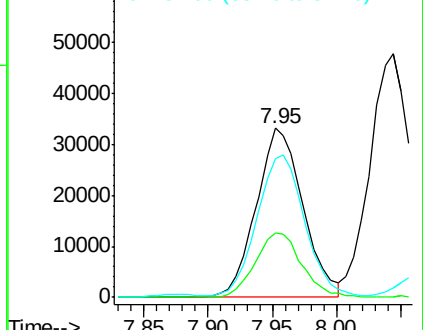
56 100

69 37.9 26.3 39.5

84 80.2 65.7 98.5



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



#32

1,1,1-Trichloroethane

Concen: 20.724 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

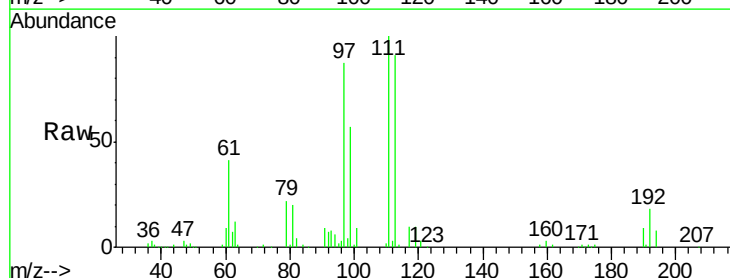
Tgt Ion: 97 Resp: 78723

Ion Ratio Lower Upper

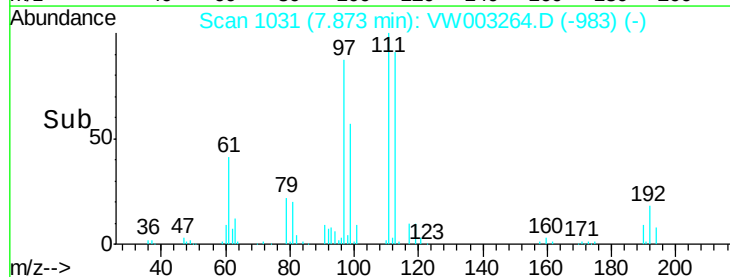
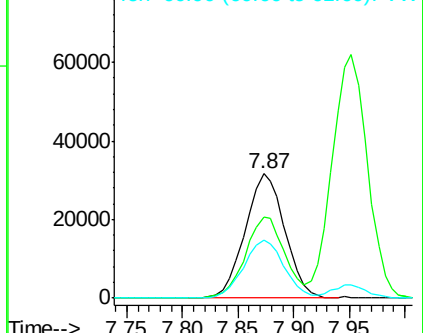
97 100

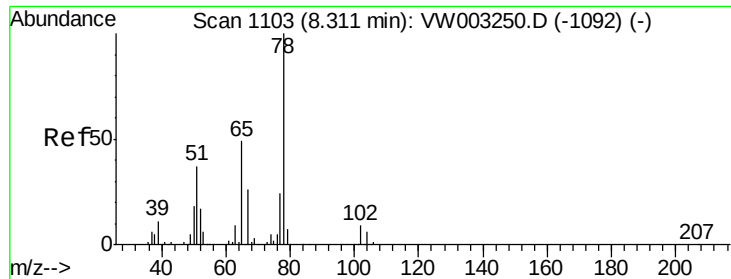
99 64.6 51.7 77.5

61 47.6 37.6 56.4



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

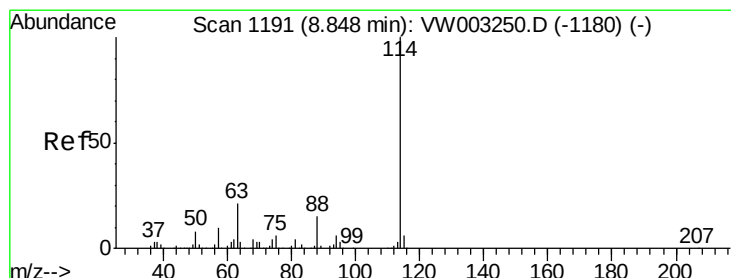
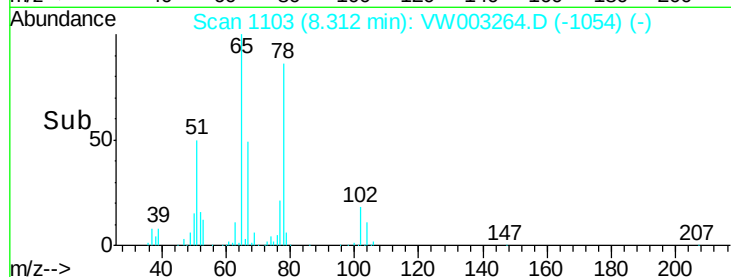
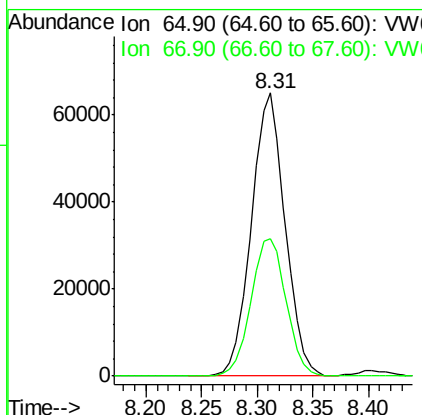
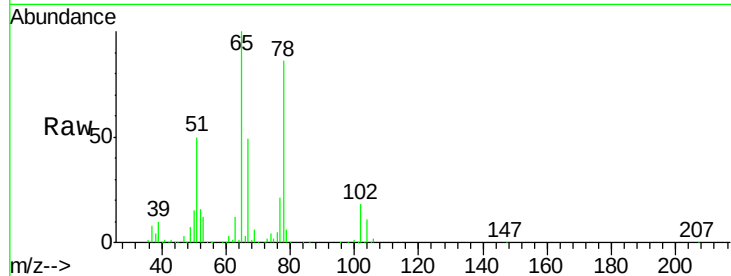




#33
 1,2-Dichloroethane-d4
 Concen: 52.538 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

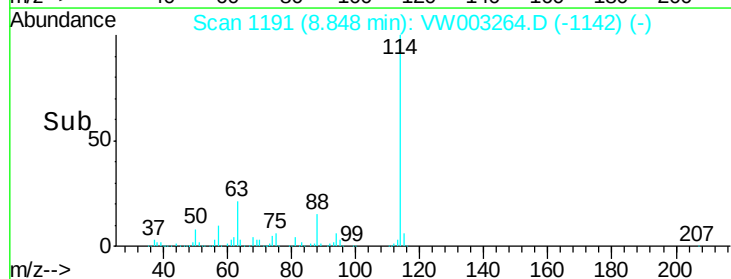
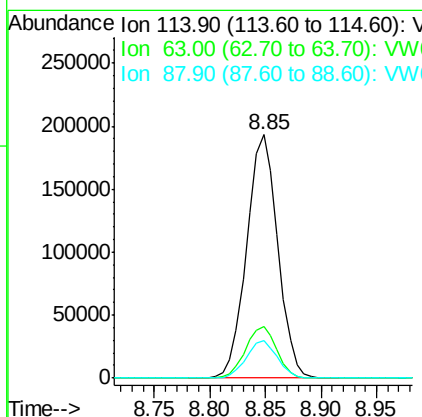
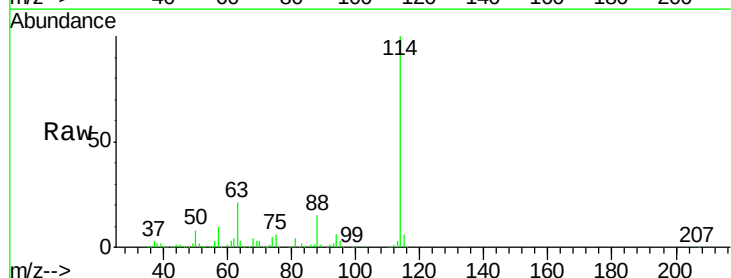
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

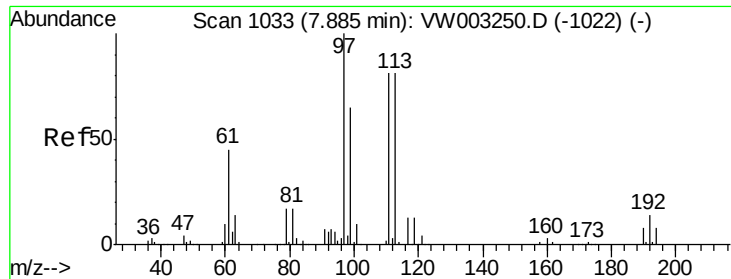
Tgt Ion: 65 Resp: 137210
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion: 114 Resp: 375167
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.4 0.0 29.6

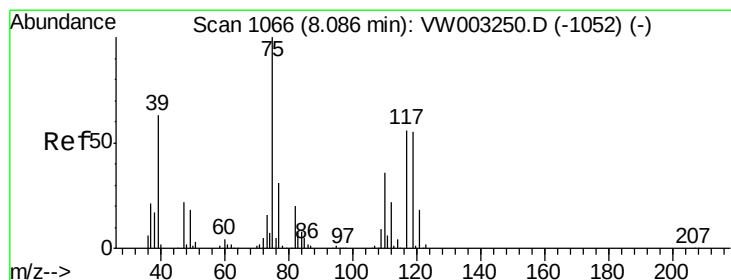
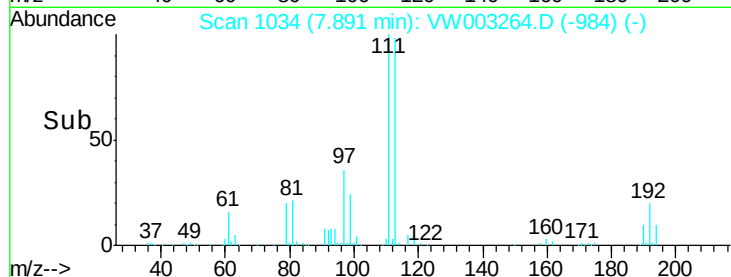
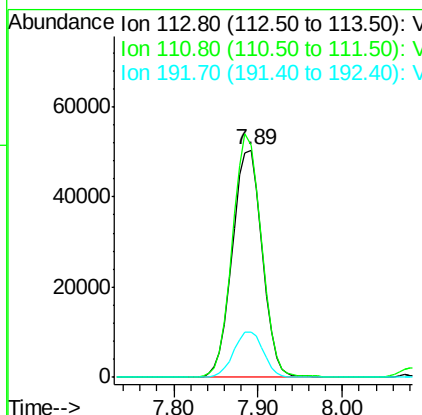
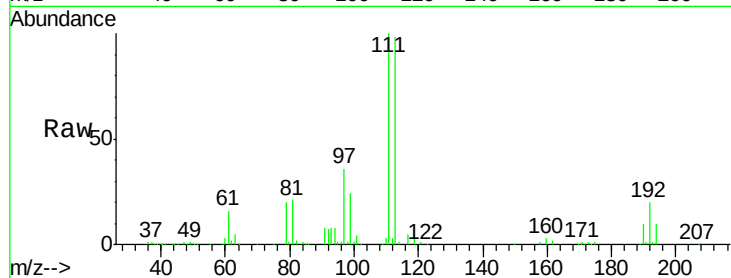




#35
 Dibromofluoromethane
 Concen: 51.780 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

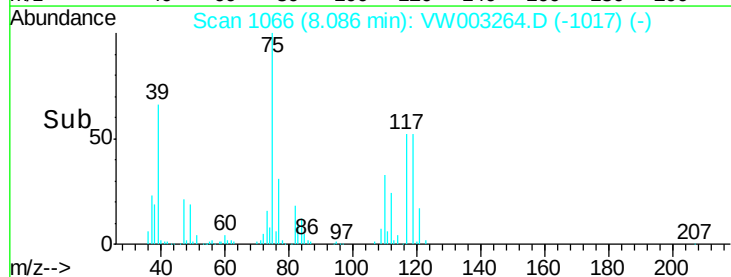
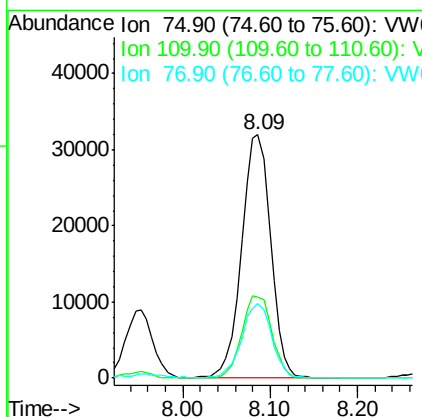
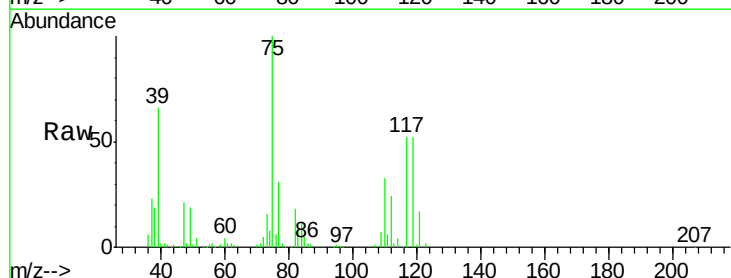
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

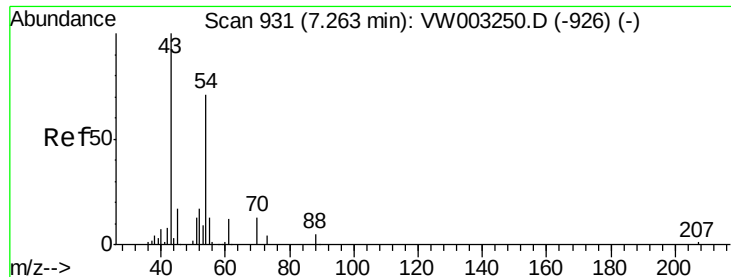
Tgt Ion: 113 Resp: 120709
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.2
 192 19.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 20.441 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion: 75 Resp: 74059
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.1 51.3
 77 31.8 24.9 37.3

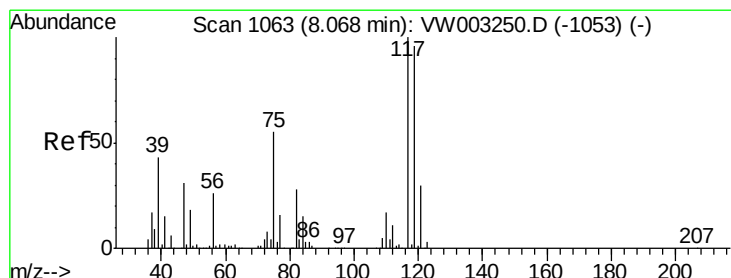
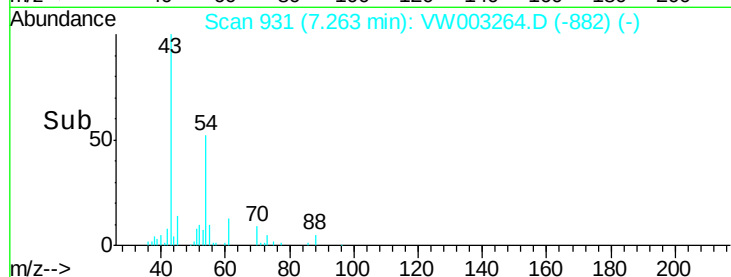
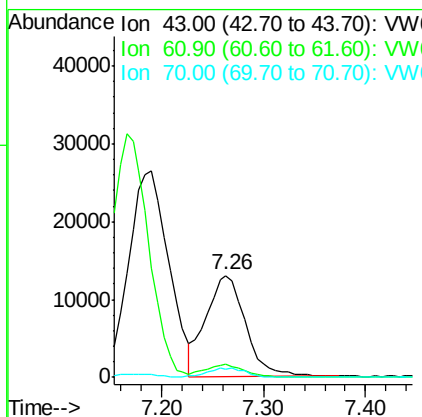
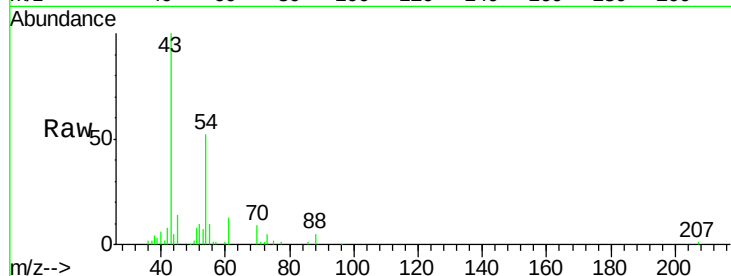




#37
Ethyl Acetate
Concen: 23.546 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

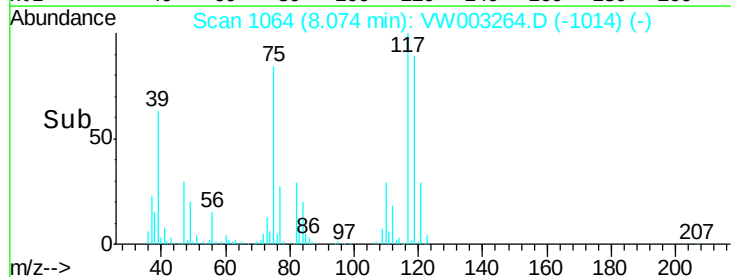
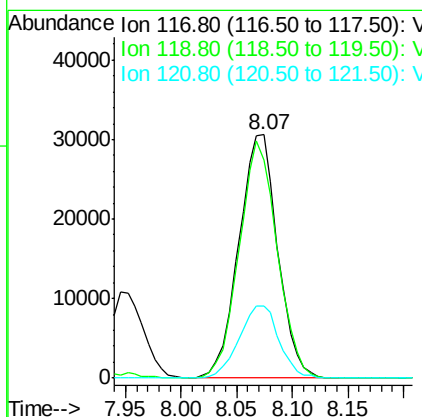
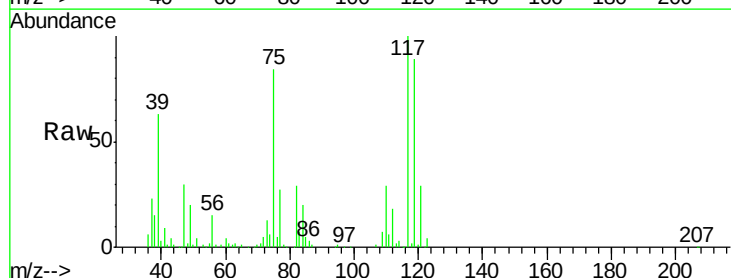
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

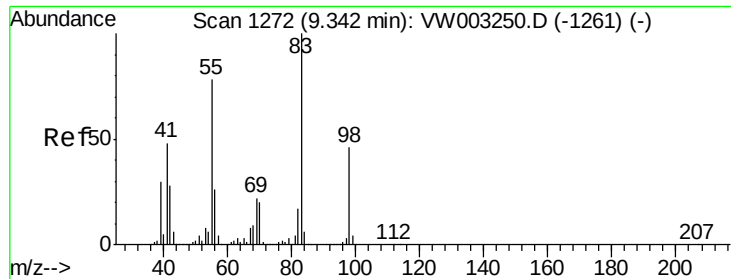
Tgt Ion: 43 Resp: 35342
Ion Ratio Lower Upper
43 100
61 12.7 10.8 16.2
70 9.0 7.8 11.6



#38
Carbon Tetrachloride
Concen: 20.863 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 117 Resp: 74145
Ion Ratio Lower Upper
117 100
119 89.5 76.6 115.0
121 29.5 23.9 35.9

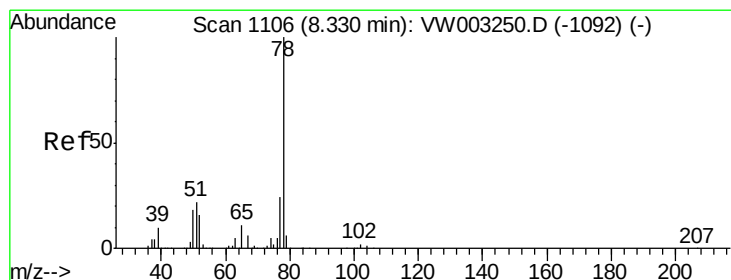
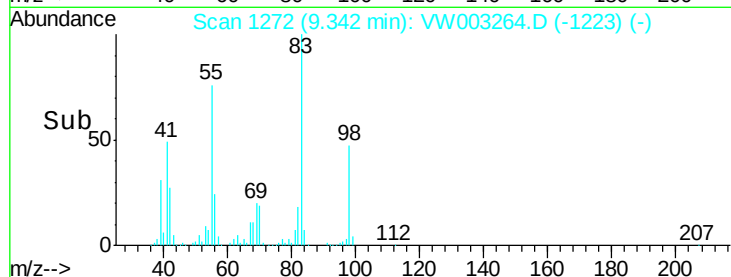
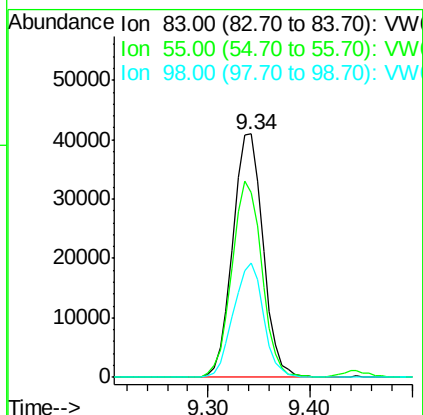
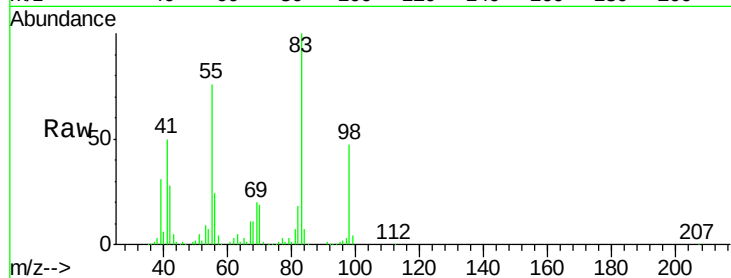




#39
Methylcyclohexane
Concen: 20.151 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

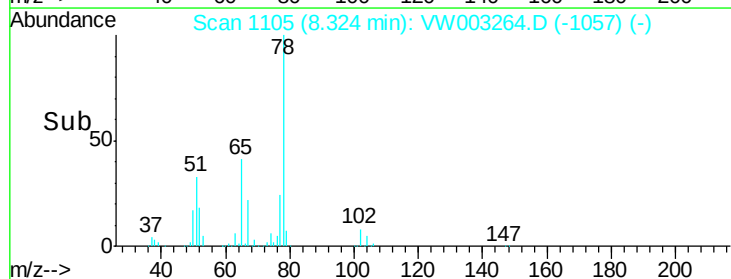
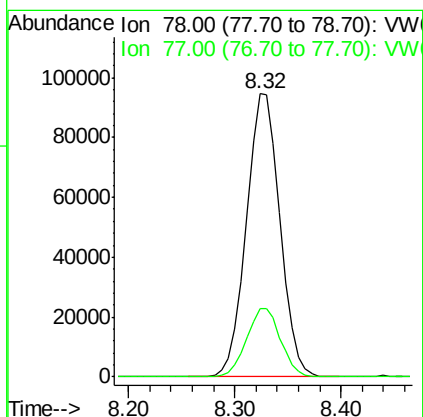
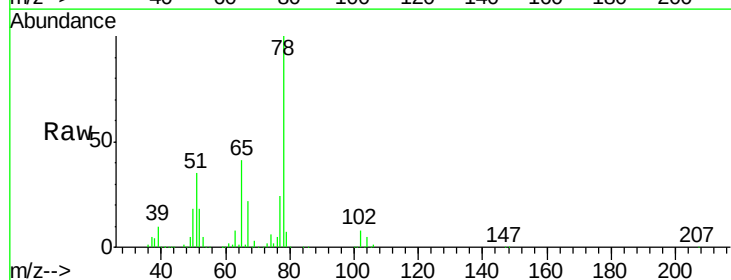
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

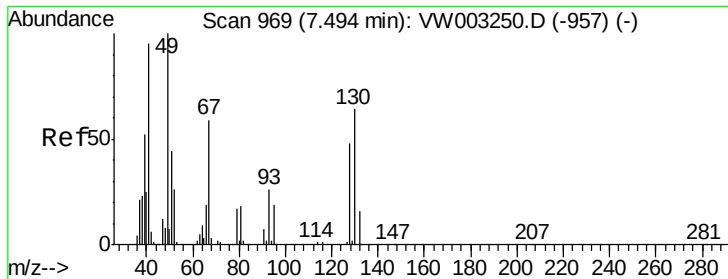
Tgt Ion: 83 Resp: 84480
Ion Ratio Lower Upper
83 100
55 76.0 62.6 93.8
98 46.9 37.0 55.4



#40
Benzene
Concen: 21.002 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 78 Resp: 209746
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

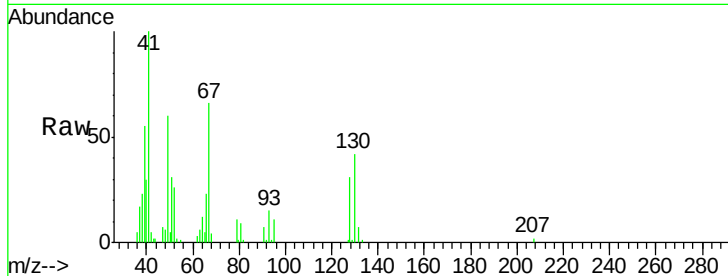




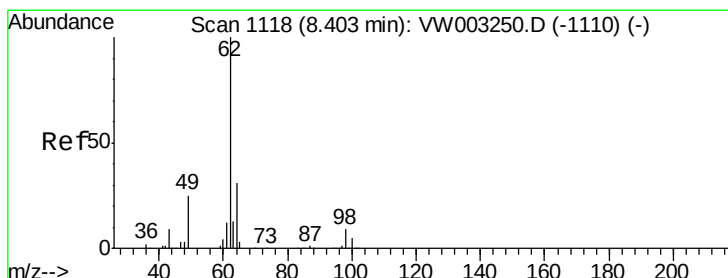
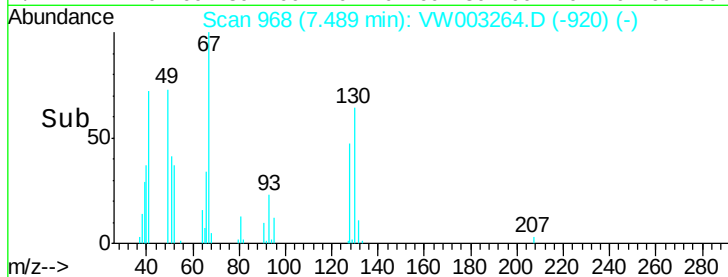
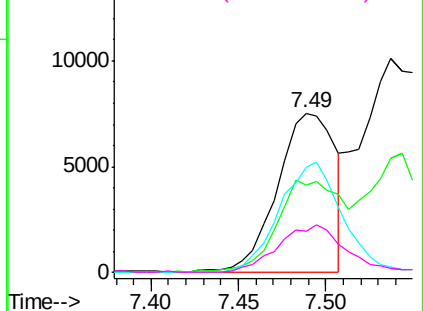
#41
Methacrylonitrile
Concen: 18.859 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

Tgt Ion:	41	Resp:	17371
Ion	Ratio	Lower	Upper
41	100		
39	65.1	45.8	68.8
67	74.8	52.3	78.5
52	34.8	24.1	36.1

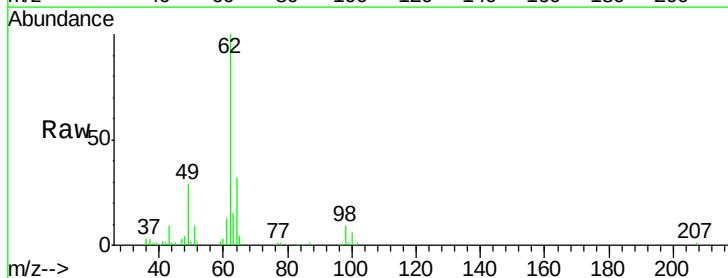


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

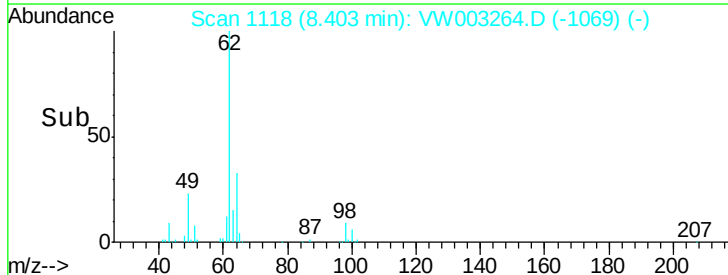
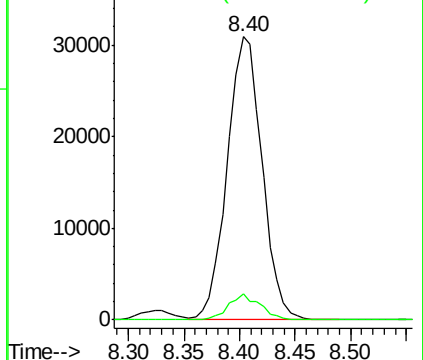


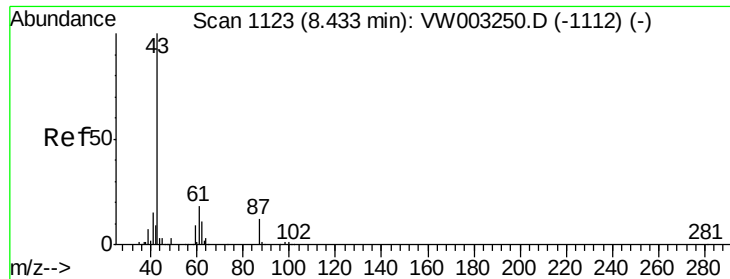
#42
1,2-Dichloroethane
Concen: 21.473 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion:	62	Resp:	67189
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: 20.950 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

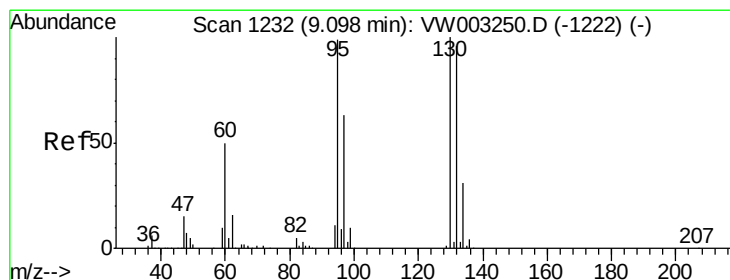
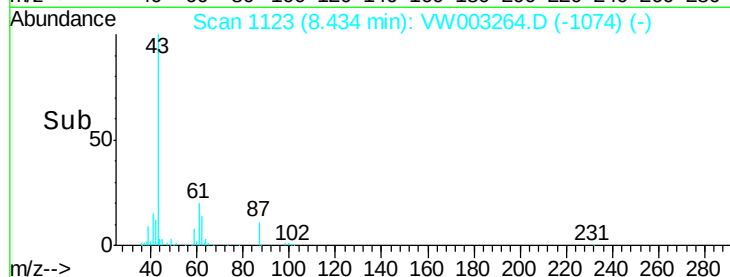
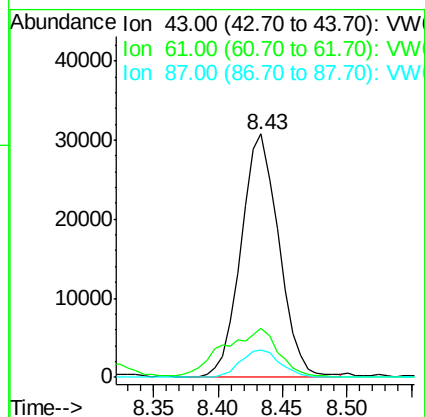
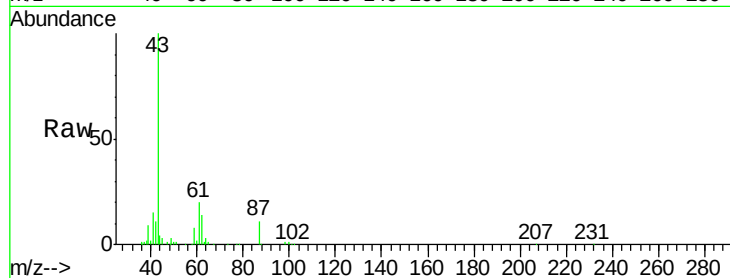
Tgt Ion: 43 Resp: 62439

Ion Ratio Lower Upper

43 100

61 29.4 23.1 34.7

87 11.8 9.8 14.6



#44

Trichloroethene

Concen: 20.159 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003264.D

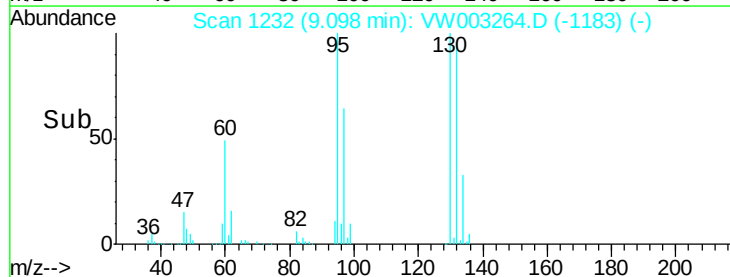
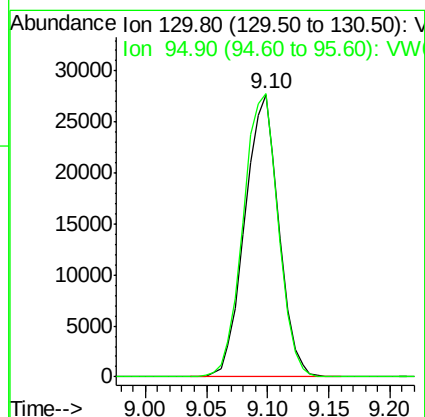
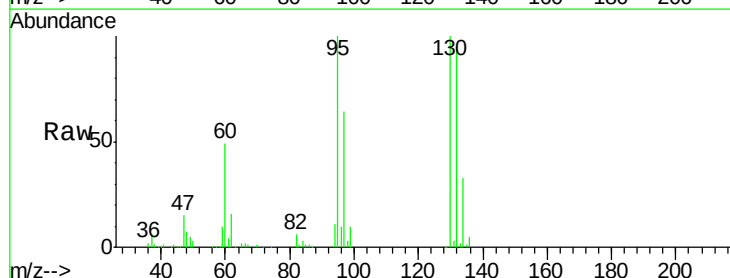
Acq: 14 Jun 2018 20:06

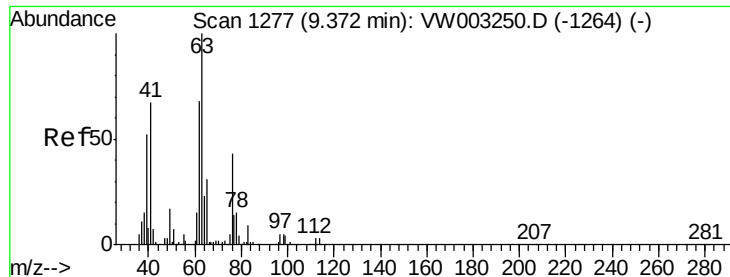
Tgt Ion: 130 Resp: 53348

Ion Ratio Lower Upper

130 100

95 100.3 0.0 198.0

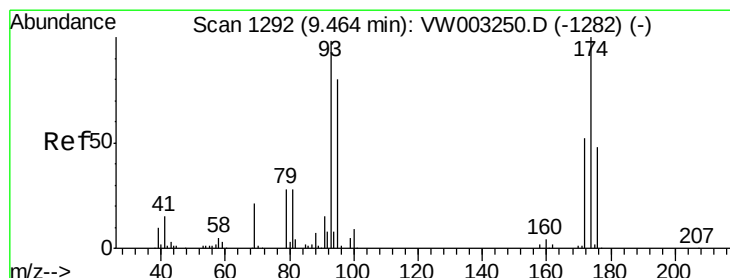
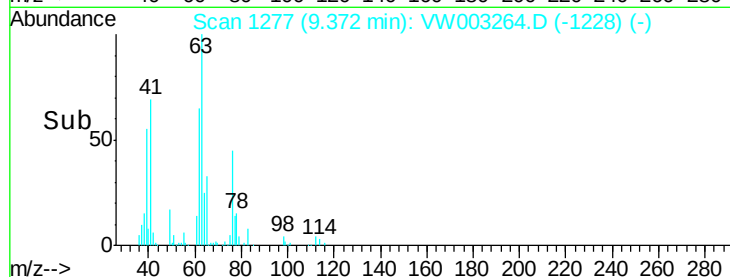
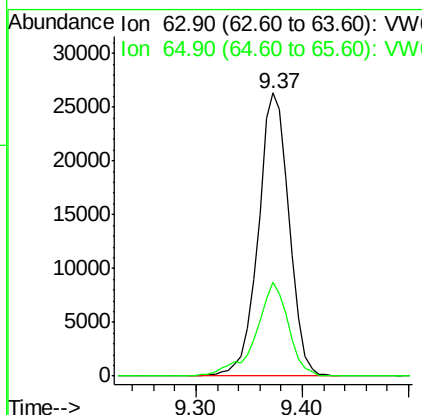
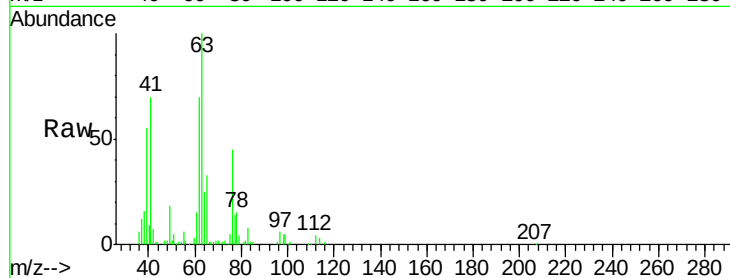




#45
 1,2-Dichloropropane
 Concen: 20.923 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

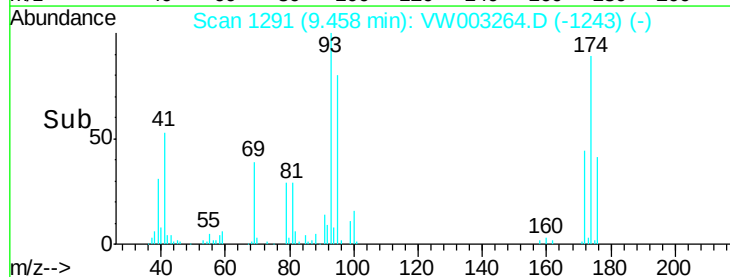
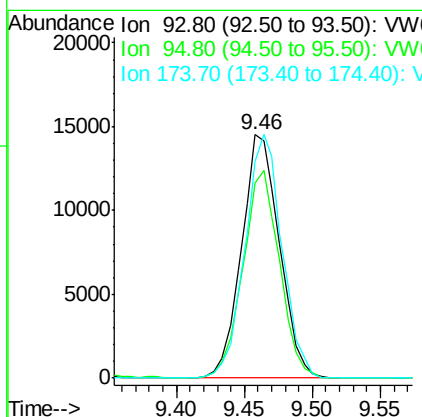
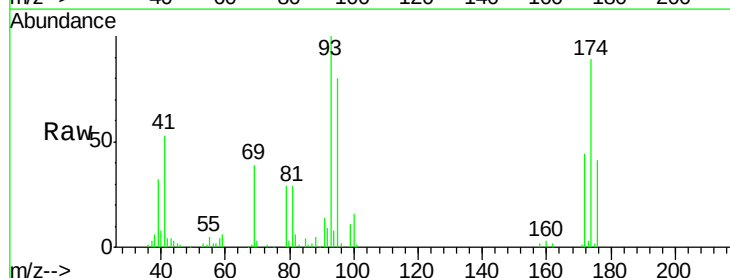
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

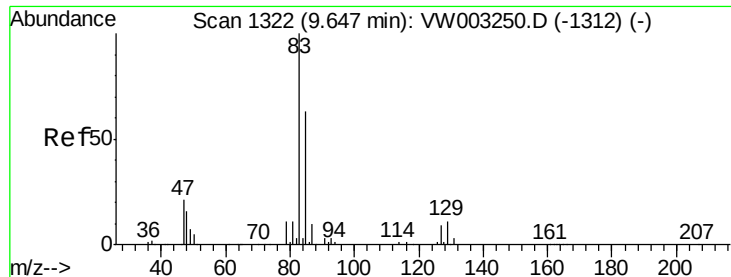
Tgt Ion: 63 Resp: 53203
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.1 37.7



#46
 Dibromomethane
 Concen: 21.777 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion: 93 Resp: 28351
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.8
 174 97.4 81.4 122.0

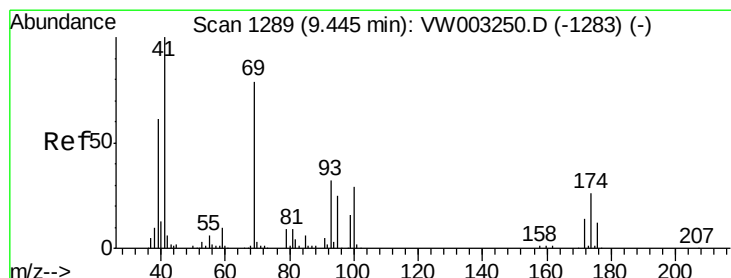
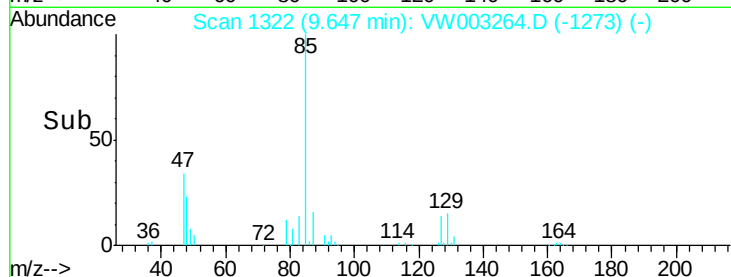
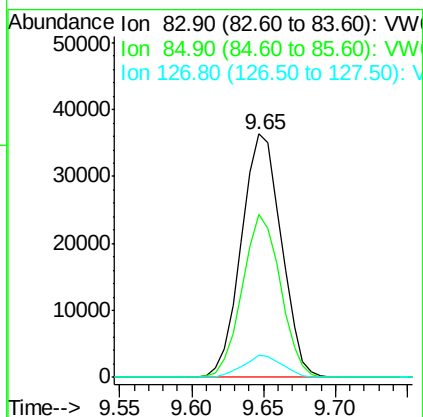
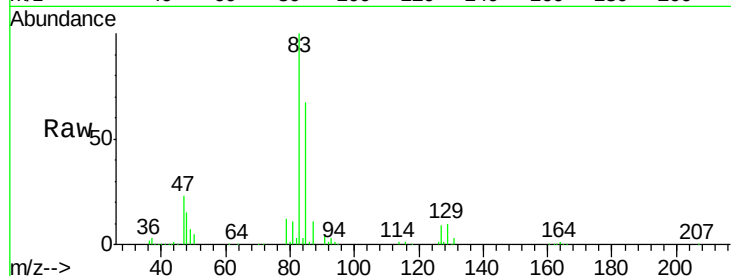




#47
Bromodichloromethane
Concen: 20.952 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

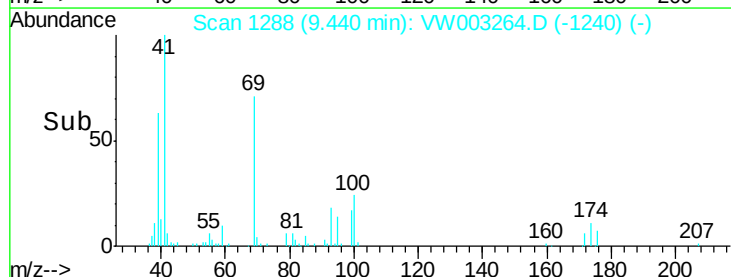
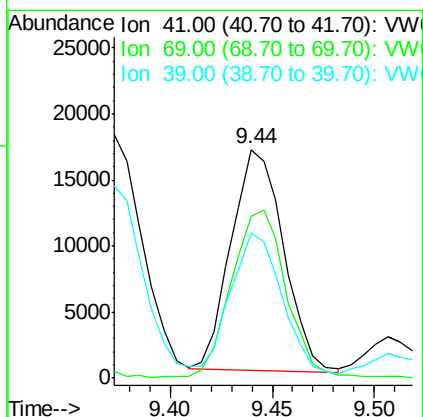
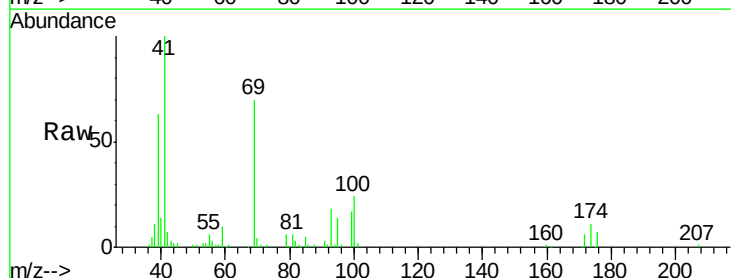
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

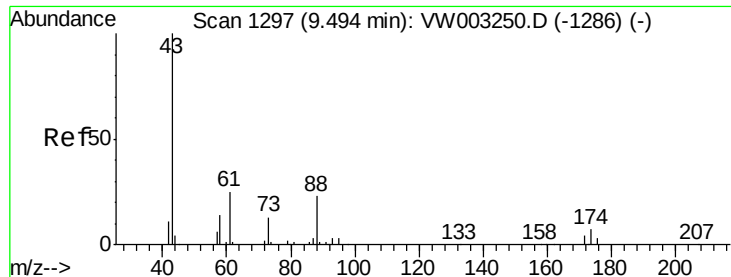
Tgt Ion: 83 Resp: 69917
Ion Ratio Lower Upper
83 100
85 67.0 50.6 75.8
127 9.2 6.8 10.2



#48
Methyl methacrylate
Concen: 21.265 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 41 Resp: 29784
Ion Ratio Lower Upper
41 100
69 80.4 65.4 98.2
39 66.9 54.2 81.2

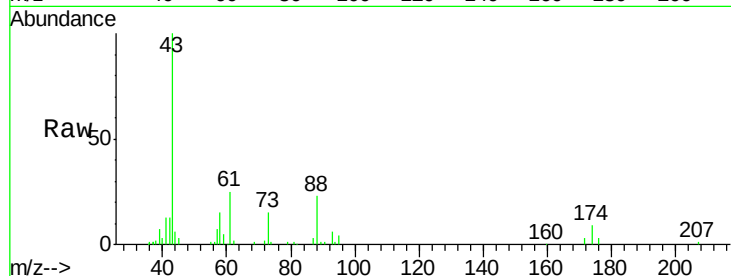




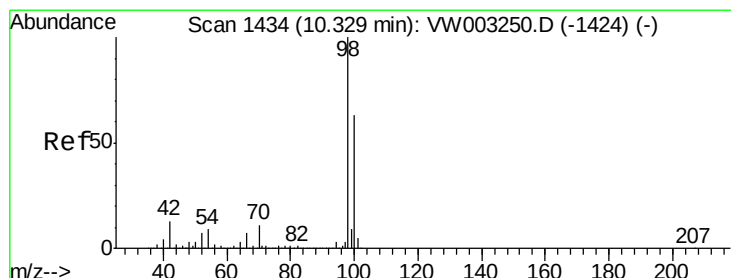
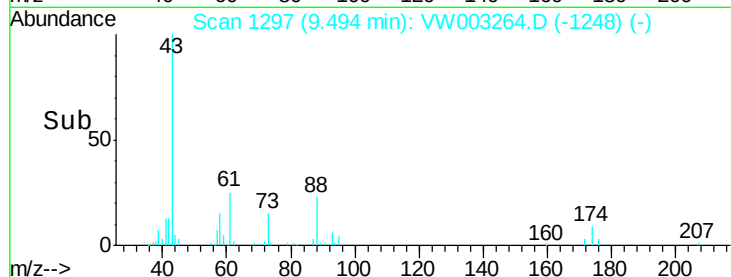
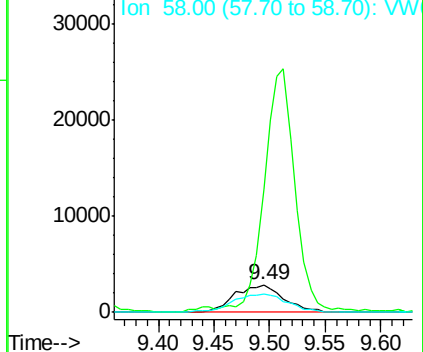
#49
1,4-Dioxane
Concen: 440.409 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

Tgt Ion: 88 Resp: 8657
Ion Ratio Lower Upper
88 100
43 553.7 454.7 682.1
58 76.0 58.6 88.0

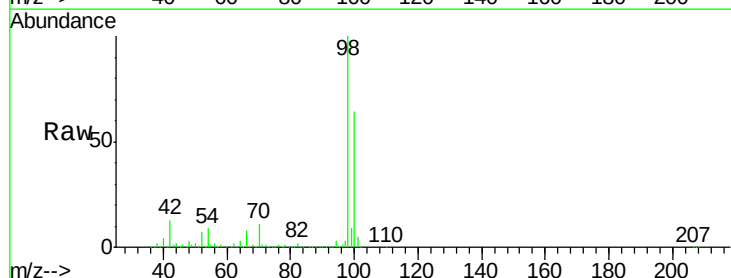


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

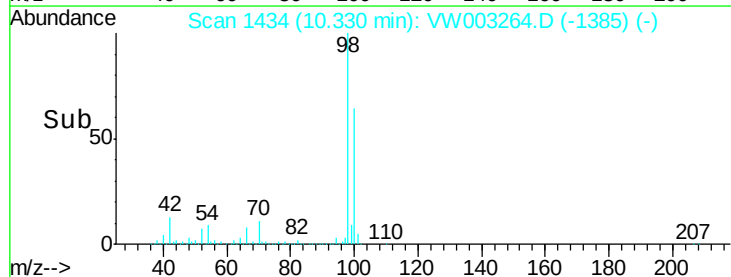
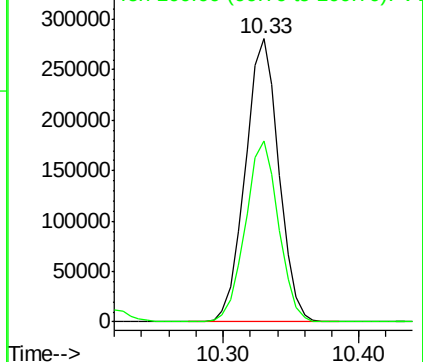


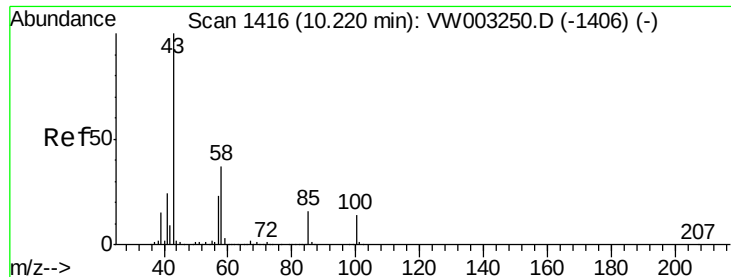
#50
Toluene-d8
Concen: 52.372 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 98 Resp: 484103
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

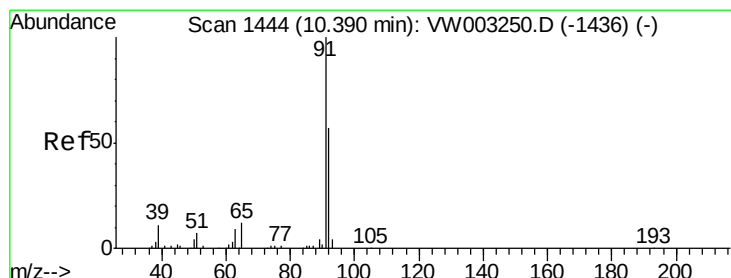
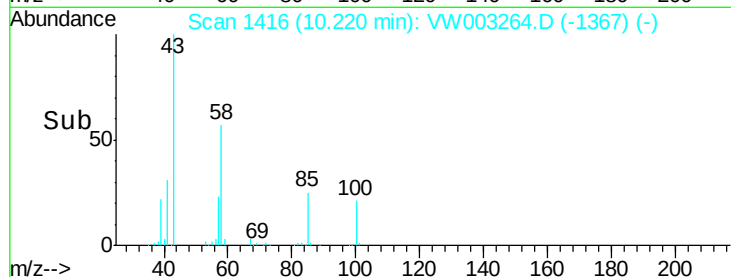
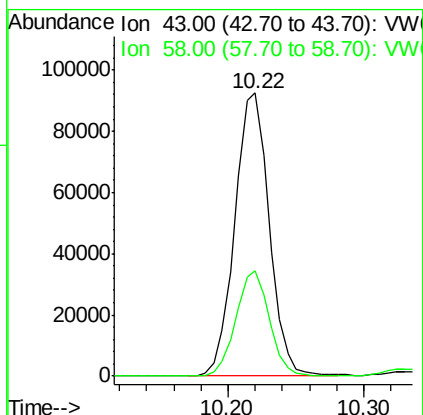
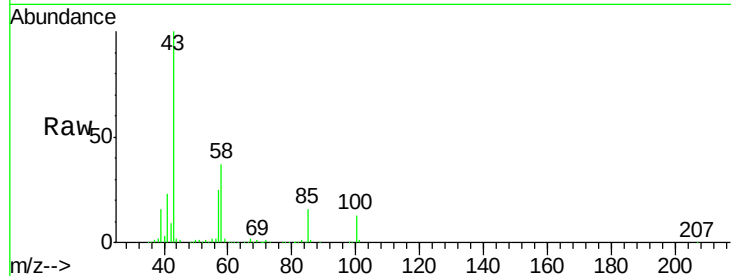




#51
 4-Methyl-2-Pentanone
 Concen: 107.318 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

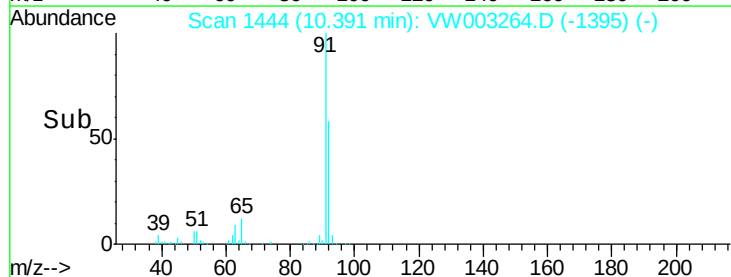
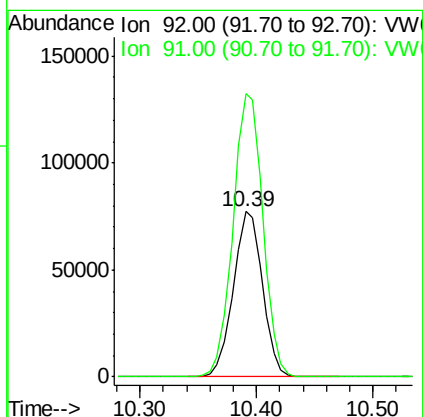
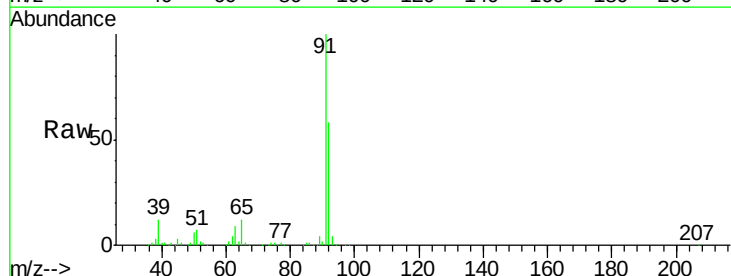
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

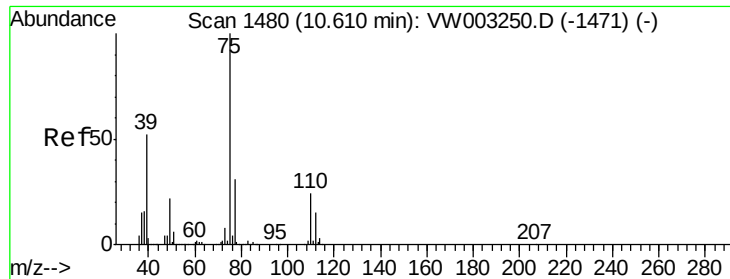
Tgt Ion: 43 Resp: 162980
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.4



#52
 Toluene
 Concen: 21.007 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion: 92 Resp: 134537
 Ion Ratio Lower Upper
 92 100
 91 175.7 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 20.562 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

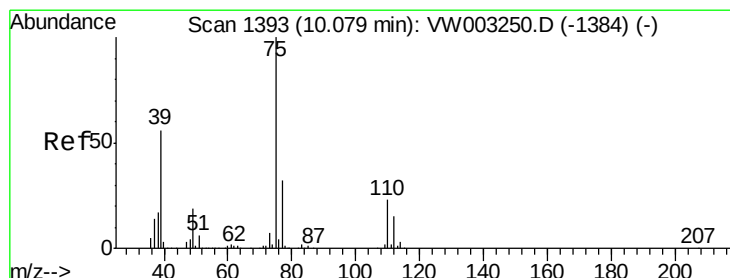
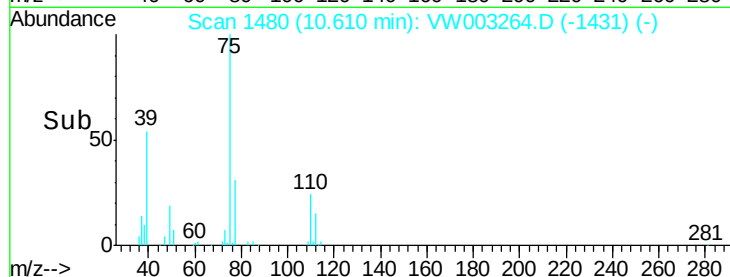
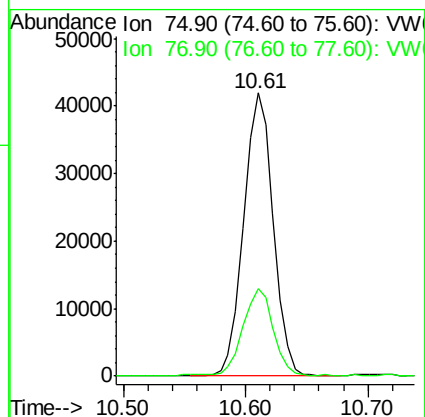
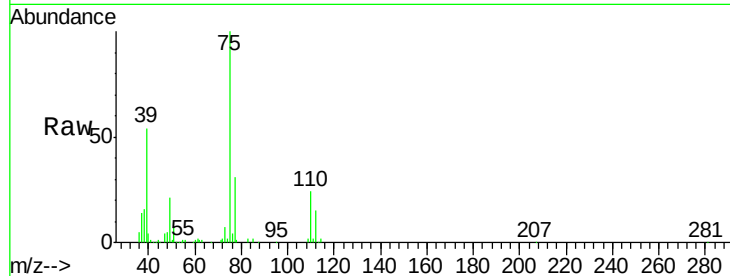
VW0615SBS01

Tgt Ion: 75 Resp: 70093

Ion Ratio Lower Upper

75 100

77 30.6 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.545 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

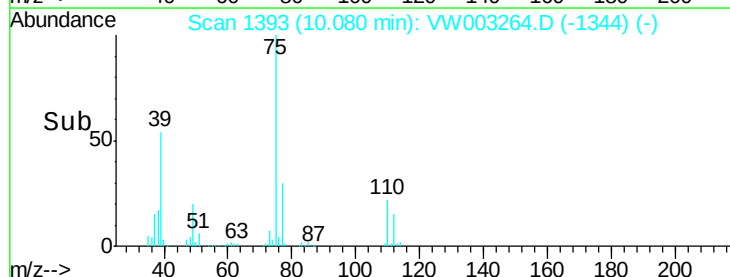
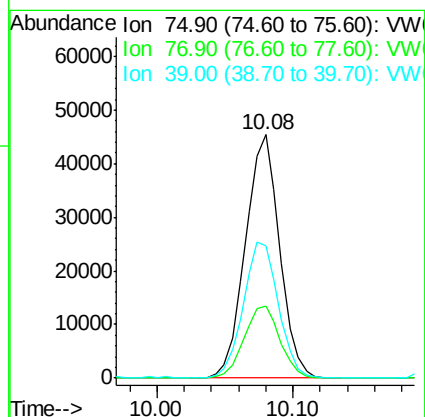
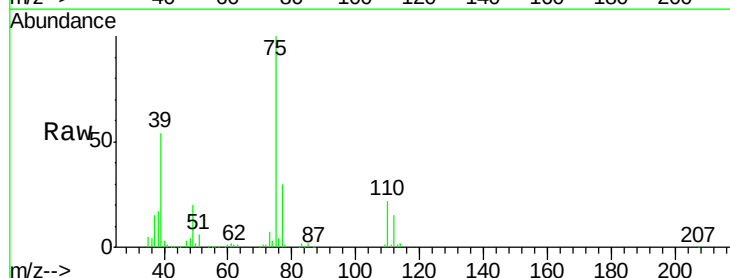
Tgt Ion: 75 Resp: 79709

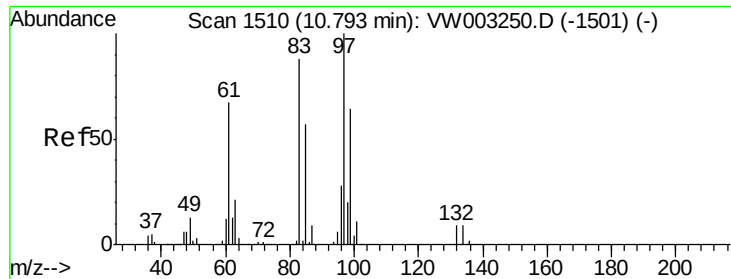
Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.6

39 54.1 45.2 67.8

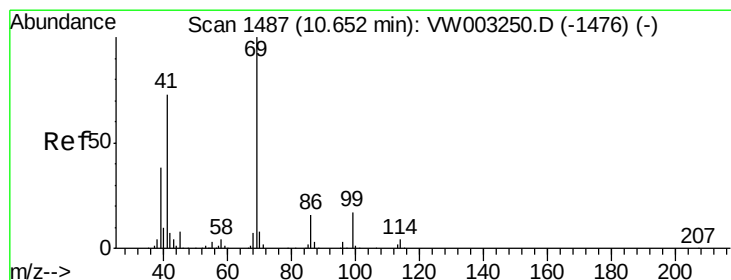
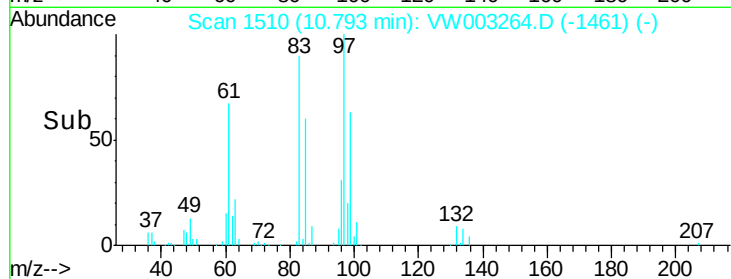
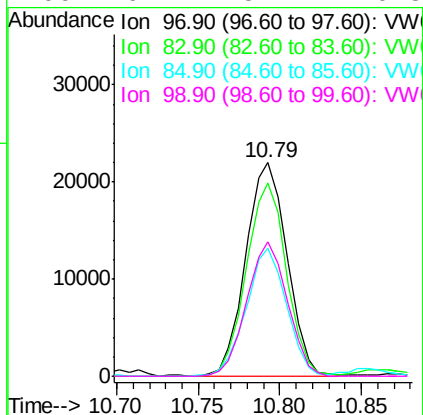
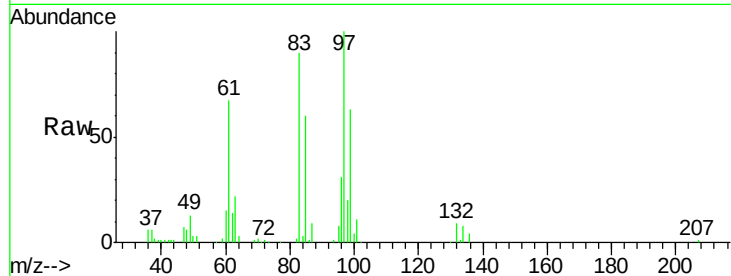




#55
 1,1,2-Trichloroethane
 Concen: 21.106 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

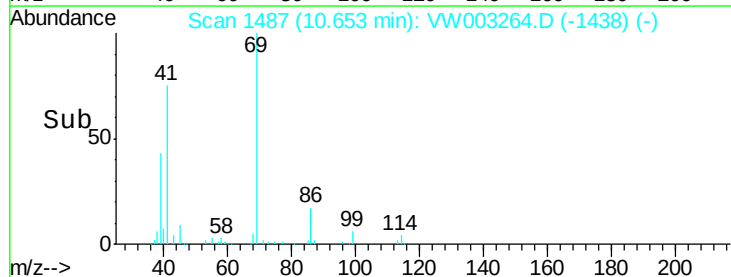
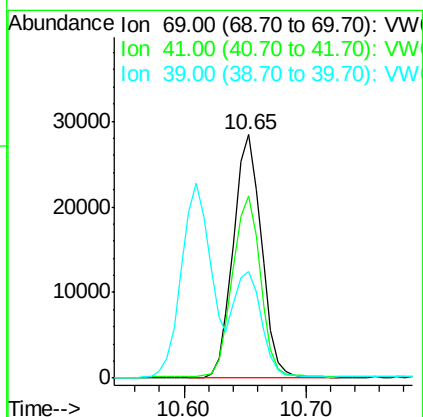
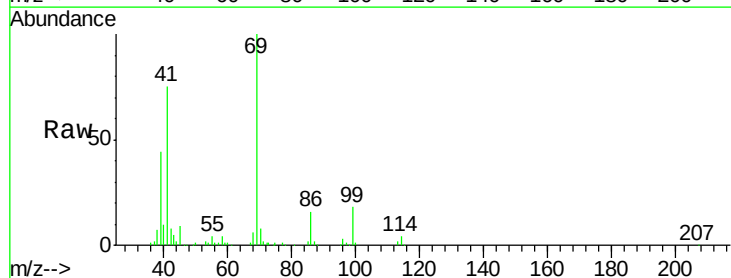
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

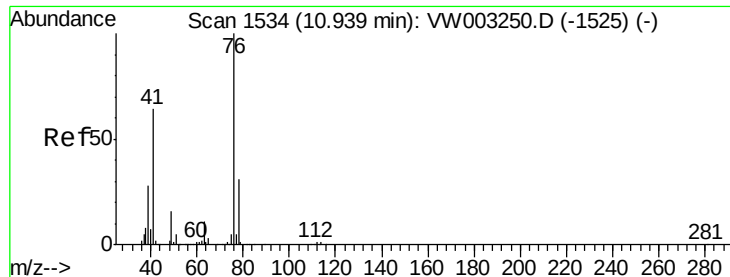
Tgt Ion:	97	Resp:	38720
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.2	105.2
85	60.2	45.6	68.4
99	62.7	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 20.435 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion:	69	Resp:	45523
Ion	Ratio	Lower	Upper
69	100		
41	76.6	57.8	86.6
39	42.1	32.7	49.1





#57

1,3-Dichloropropane

Concen: 21.592 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

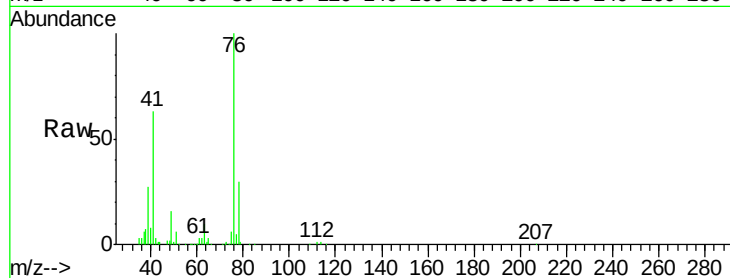
VW0615SBS01

Tgt Ion: 76 Resp: 68316

Ion Ratio Lower Upper

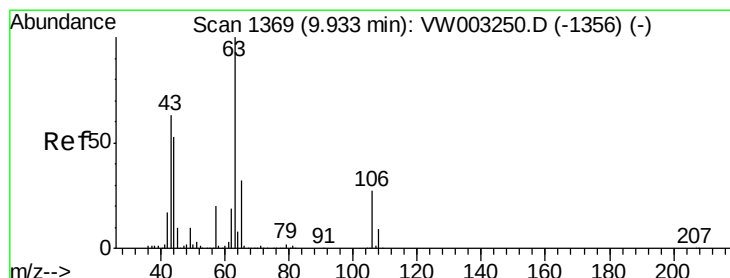
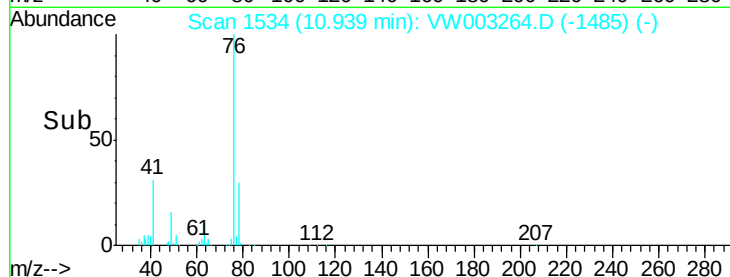
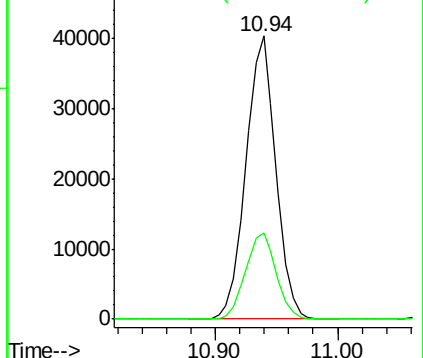
76 100

78 31.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 106.123 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW003264.D

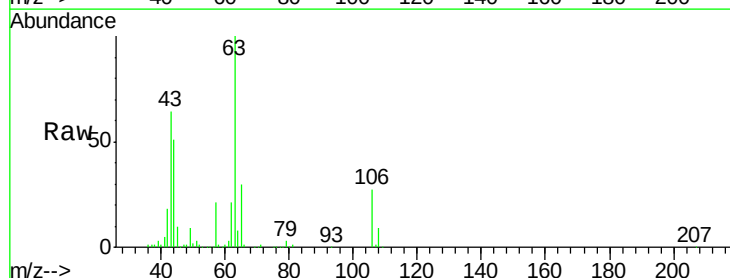
Acq: 14 Jun 2018 20:06

Tgt Ion: 63 Resp: 105978

Ion Ratio Lower Upper

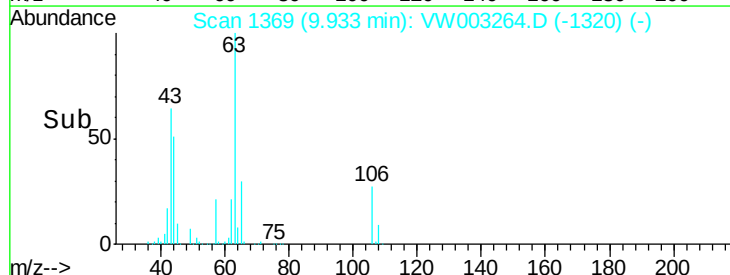
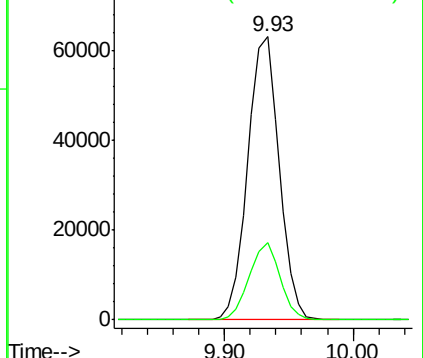
63 100

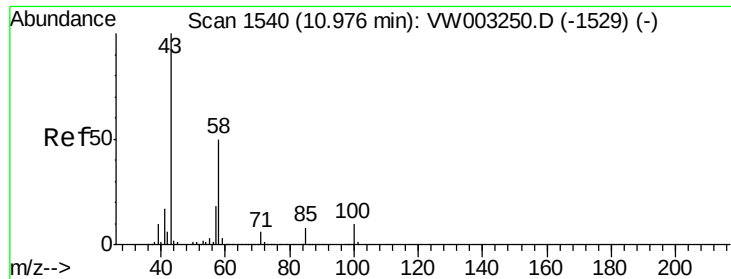
106 26.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

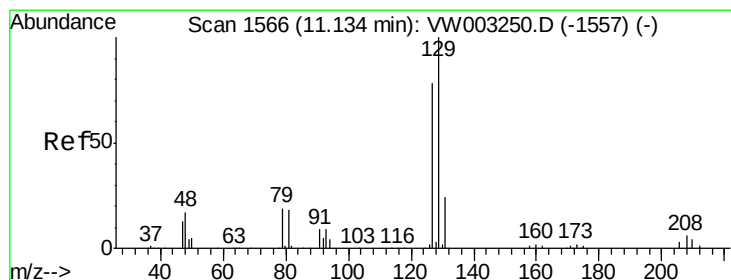
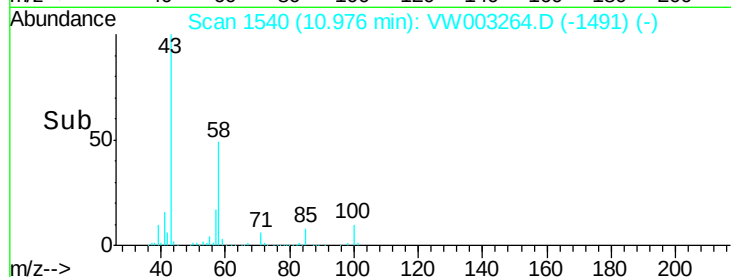
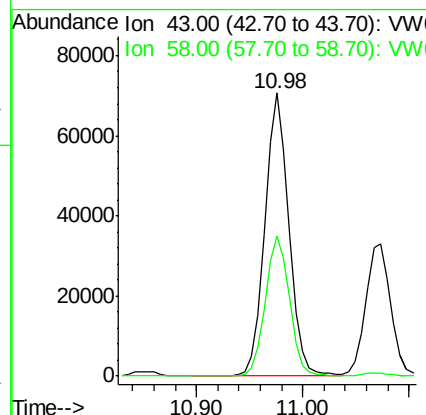
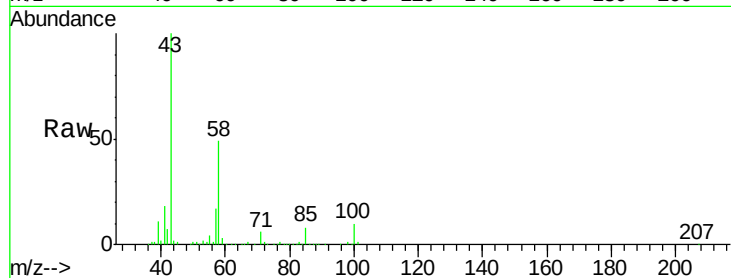




#59
2-Hexanone
Concen: 105.467 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

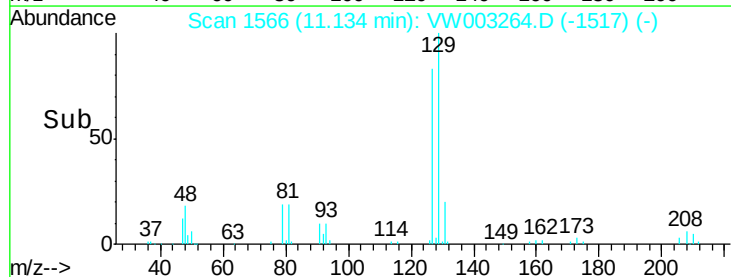
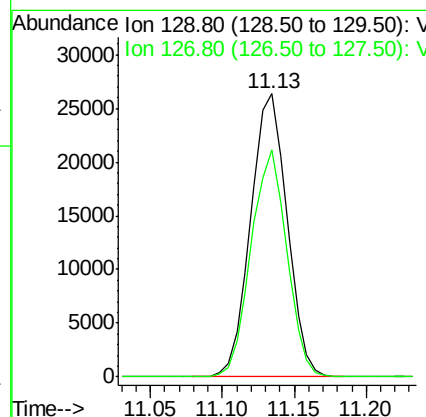
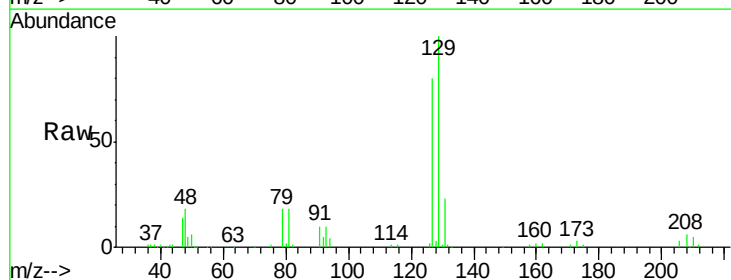
Instrument :
MSVOA_W
ClientSampled :
VW0615SBS01

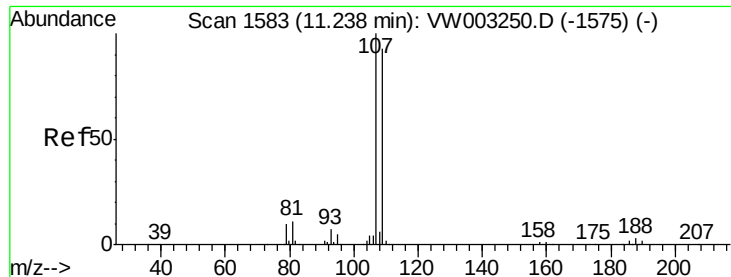
Tgt Ion: 43 Resp: 111892
Ion Ratio Lower Upper
43 100
58 49.8 25.0 75.0



#60
Dibromochloromethane
Concen: 21.178 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 129 Resp: 46203
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5

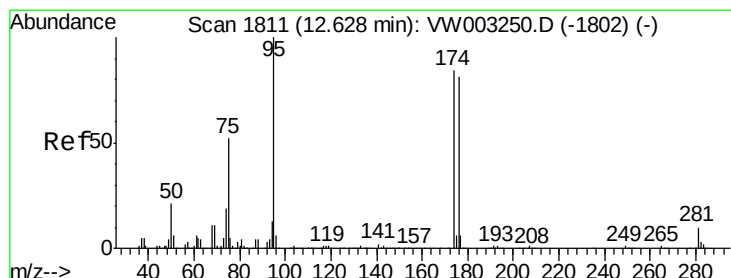
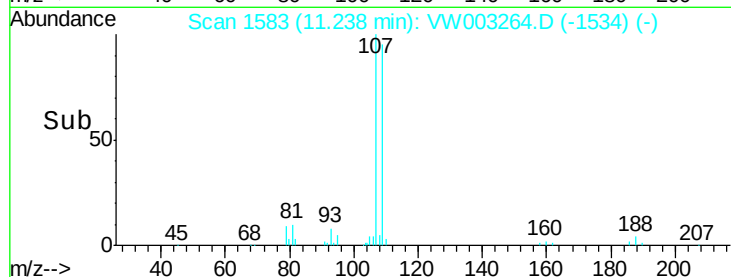
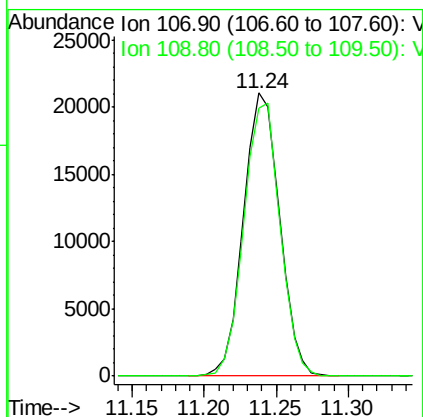
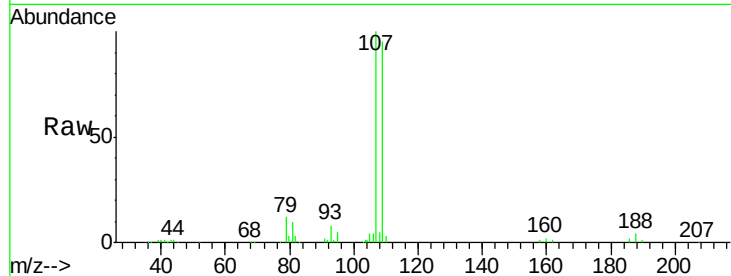




#61
 1,2-Dibromoethane
 Concen: 21.100 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

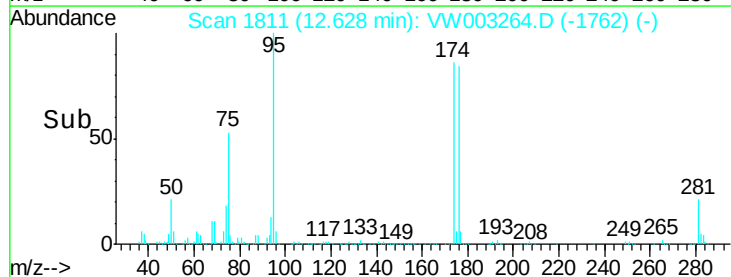
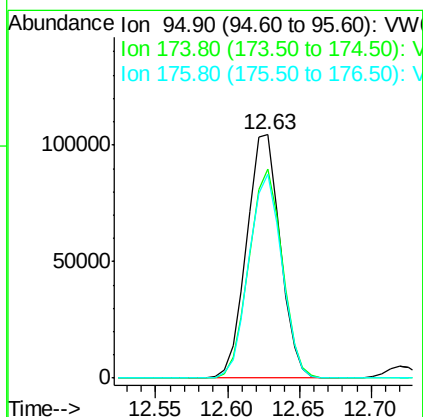
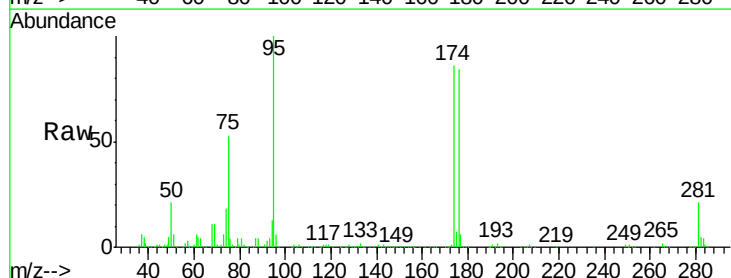
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

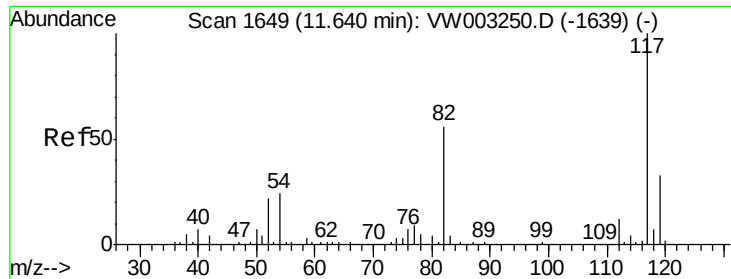
Tgt Ion: 107 Resp: 36615
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 51.425 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion: 95 Resp: 168222
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 166.4
 176 82.5 0.0 162.0

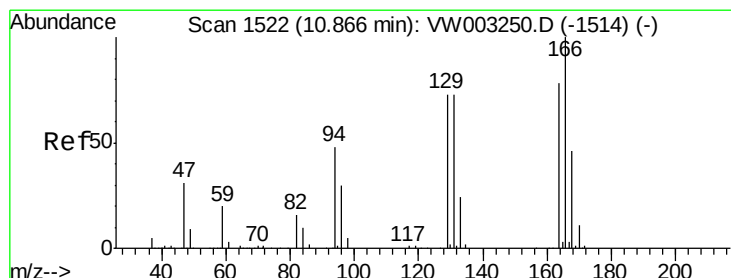
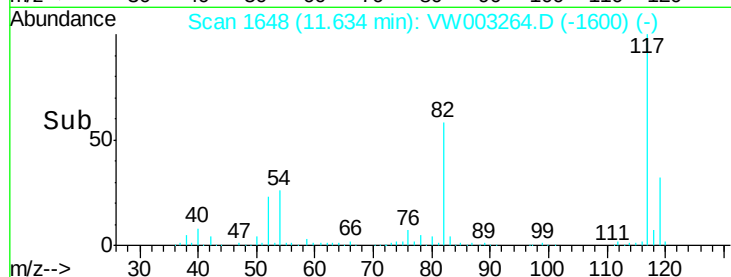
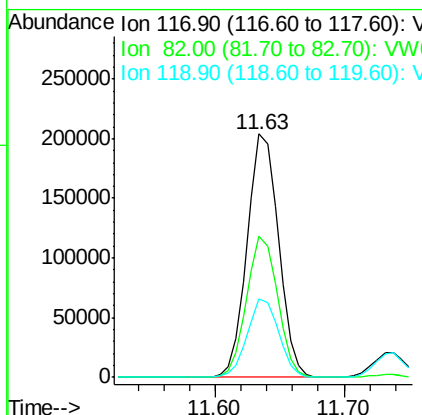
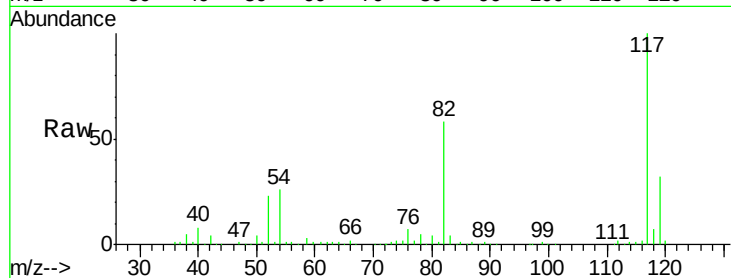




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

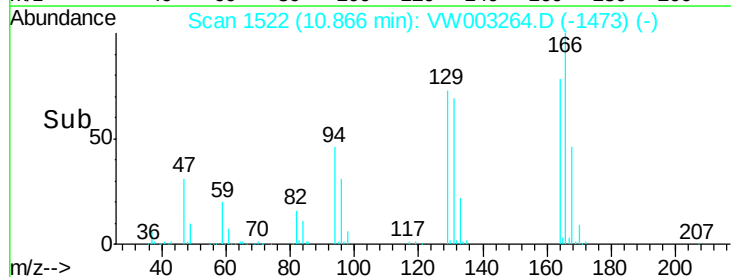
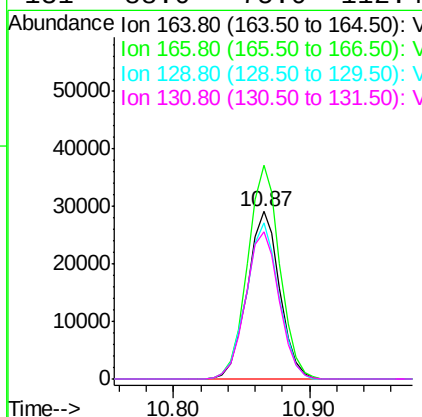
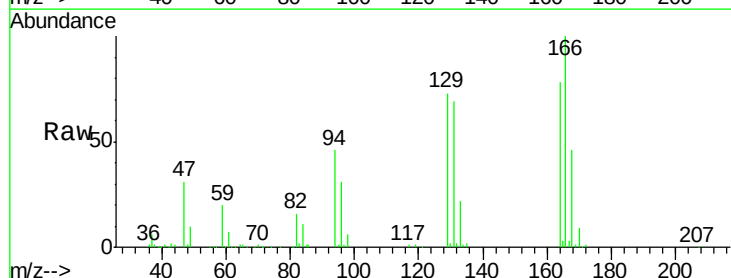
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

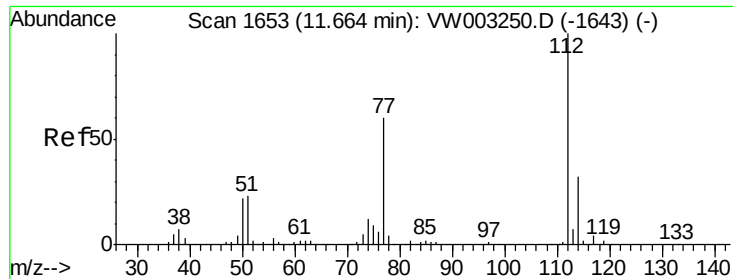
Tgt Ion:117 Resp: 343249
Ion Ratio Lower Upper
117 100
82 58.0 44.6 67.0
119 32.1 26.7 40.1



#64
Tetrachloroethene
Concen: 21.154 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion:164 Resp: 48567
Ion Ratio Lower Upper
164 100
166 127.5 102.6 154.0
129 93.1 75.2 112.8
131 88.0 75.0 112.4

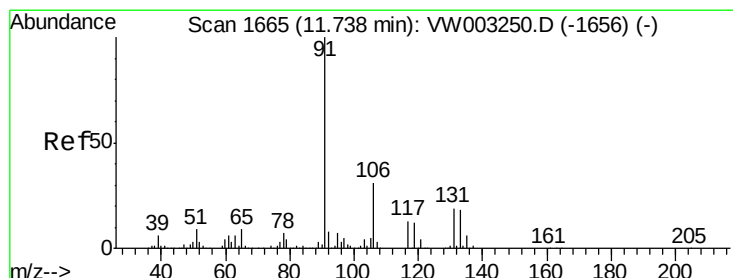
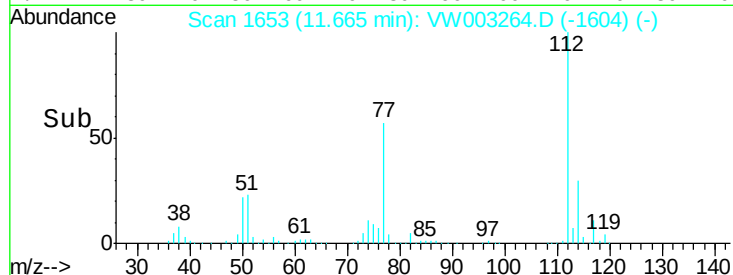
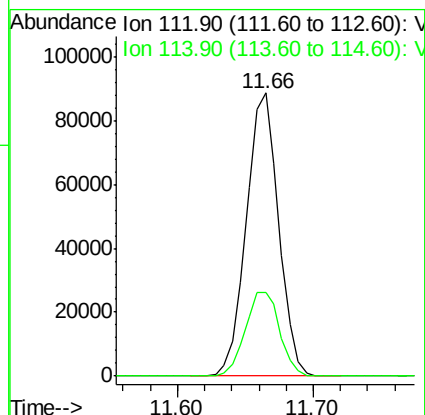
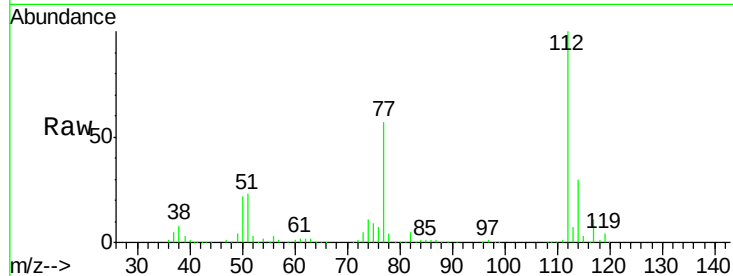




#65
Chlorobenzene
Concen: 20.613 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

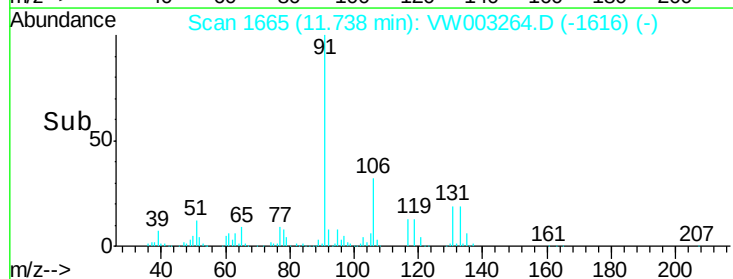
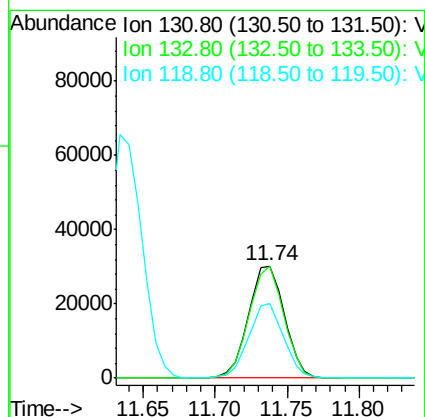
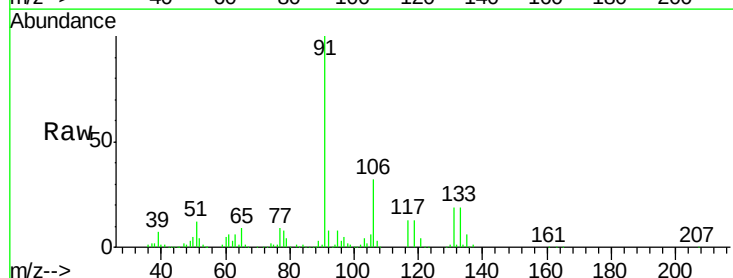
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

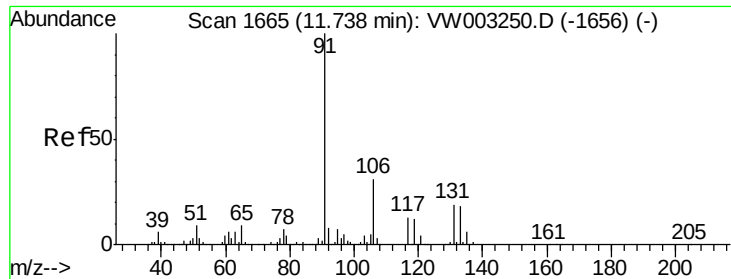
Tgt Ion:112 Resp: 147340
Ion Ratio Lower Upper
112 100
114 29.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.742 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion:131 Resp: 52103
Ion Ratio Lower Upper
131 100
133 96.5 47.3 142.0
119 64.3 32.5 97.4

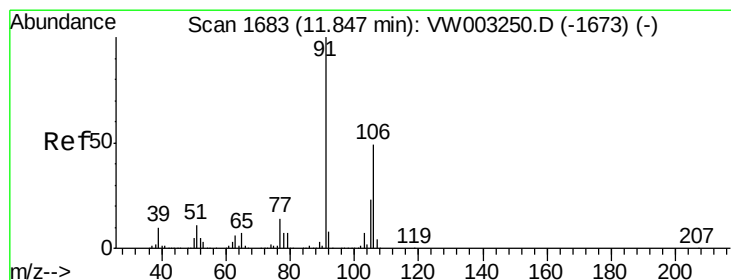
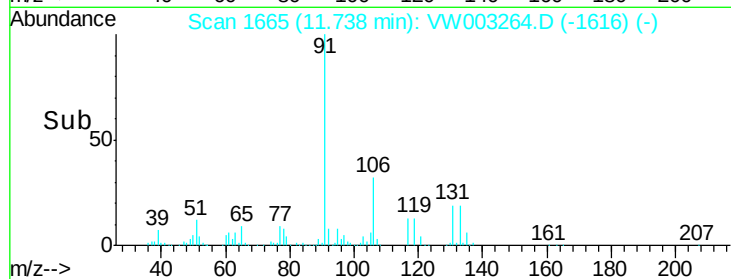
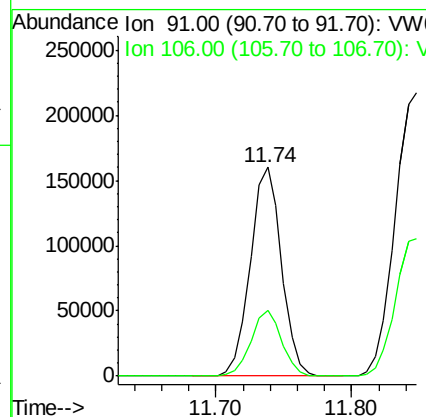
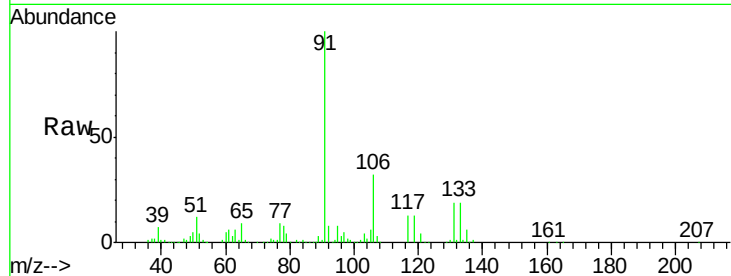




#67
Ethyl Benzene
Concen: 20.289 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

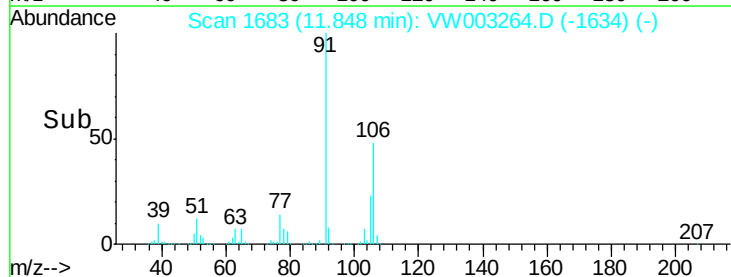
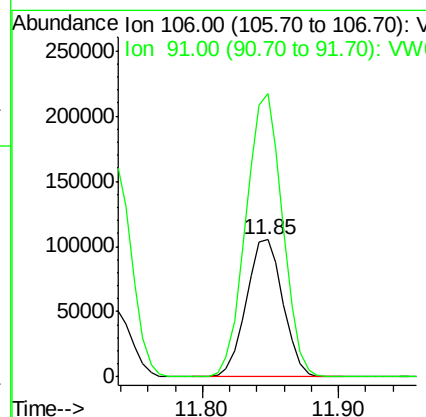
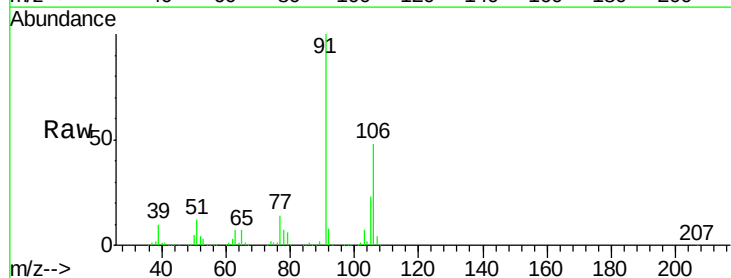
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

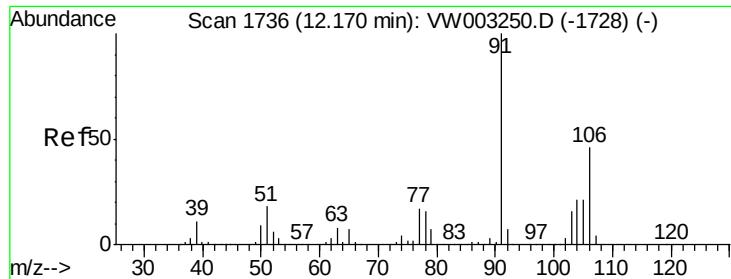
Tgt Ion: 91 Resp: 257076
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1



#68
m/p-Xylenes
Concen: 41.287 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 106 Resp: 198862
Ion Ratio Lower Upper
106 100
91 205.2 165.4 248.0

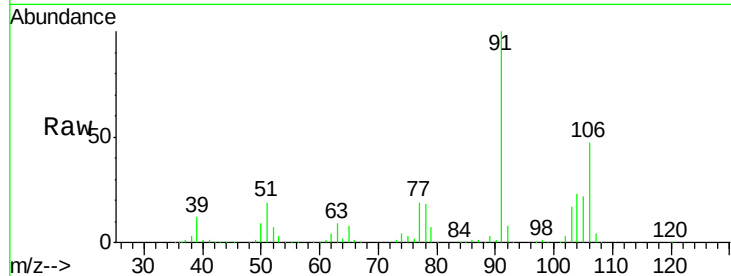




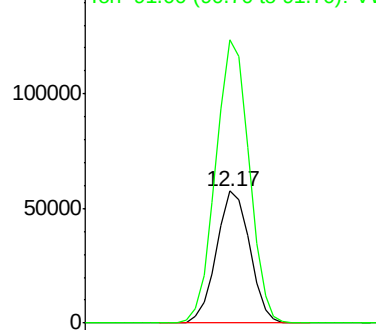
#69
o-Xylene
Concen: 20.698 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

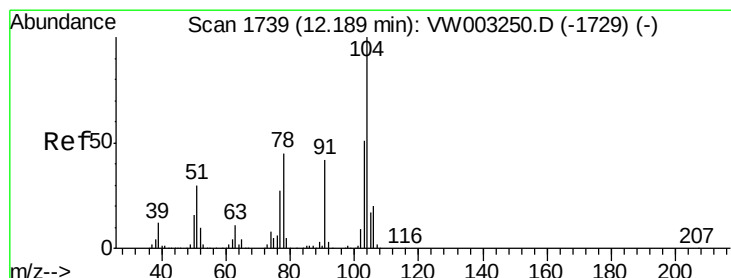
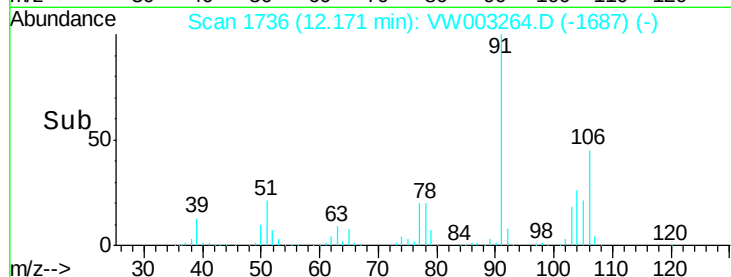
Tgt Ion:106 Resp: 92390
Ion Ratio Lower Upper
106 100
91 215.2 108.6 325.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

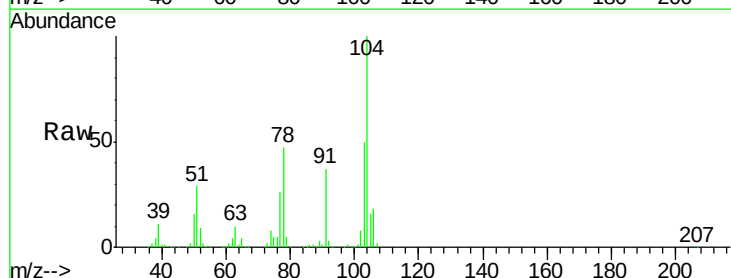


Time-->

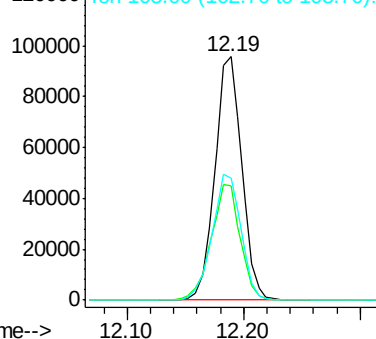


#70
Styrene
Concen: 20.791 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

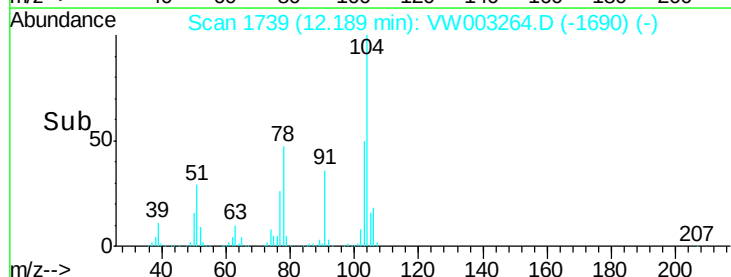
Tgt Ion:104 Resp: 154480
Ion Ratio Lower Upper
104 100
78 51.3 41.3 61.9
103 55.6 45.0 67.4

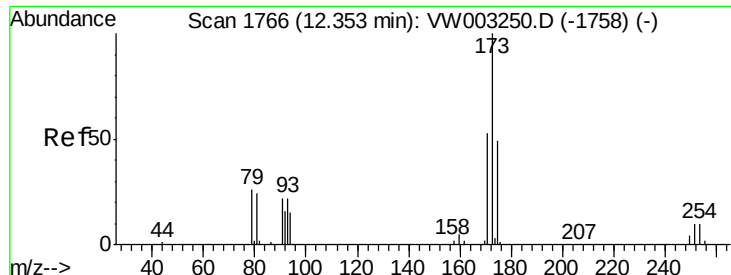


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V



Time-->

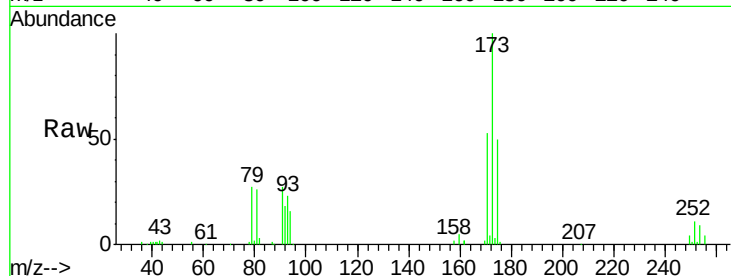




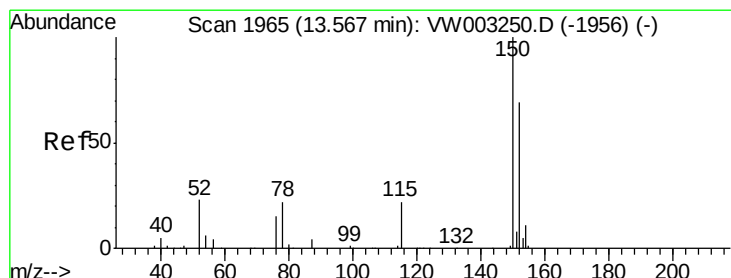
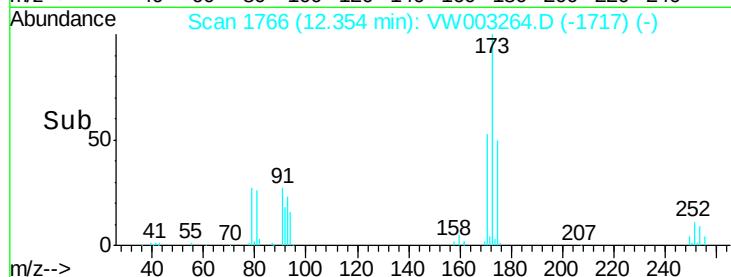
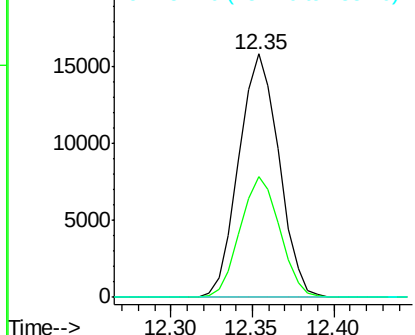
#71
Bromoform
Concen: 20.909 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

Tgt Ion:173 Resp: 27220
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.4
254 0.0 0.1 0.1#

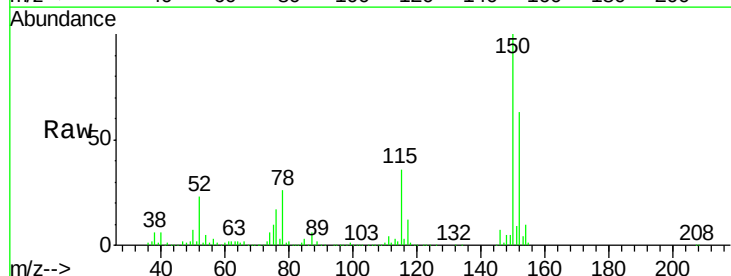


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

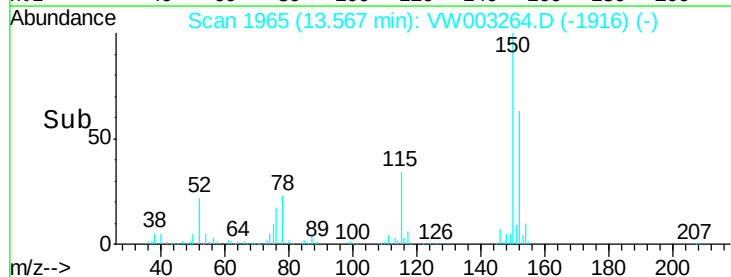
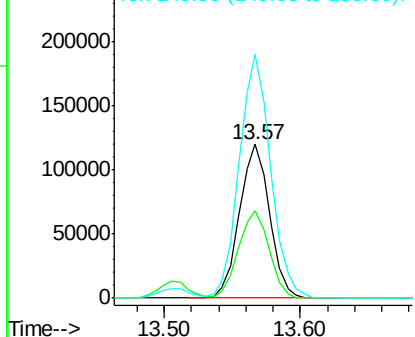


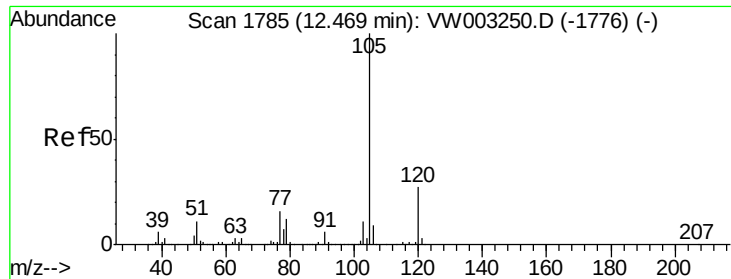
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion:152 Resp: 185188
Ion Ratio Lower Upper
152 100
115 57.7 29.3 88.0
150 165.1 0.0 349.6



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

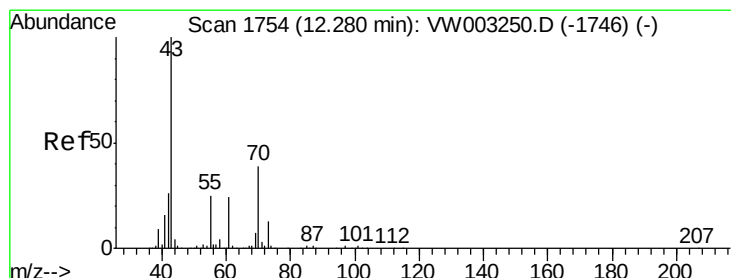
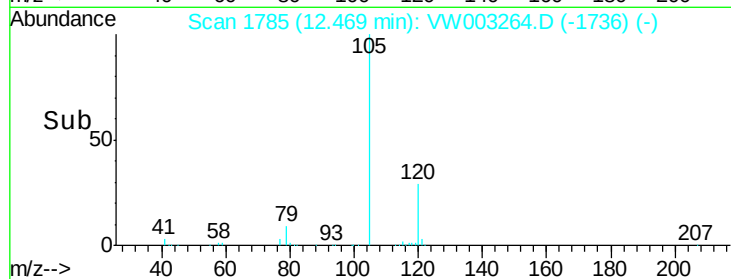
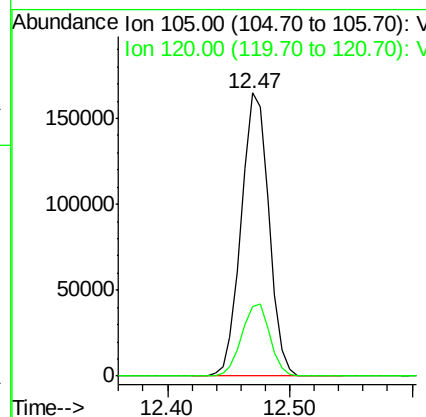
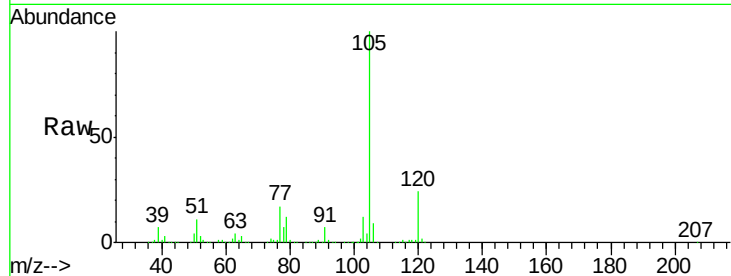




#73
Isopropylbenzene
Concen: 20.011 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

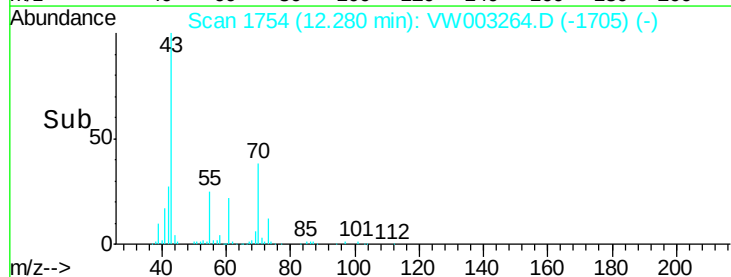
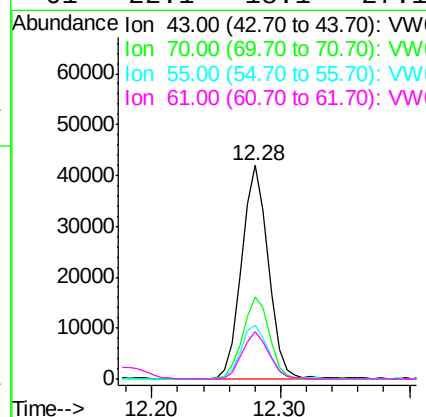
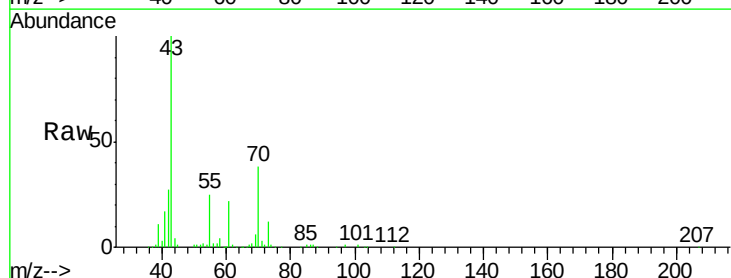
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

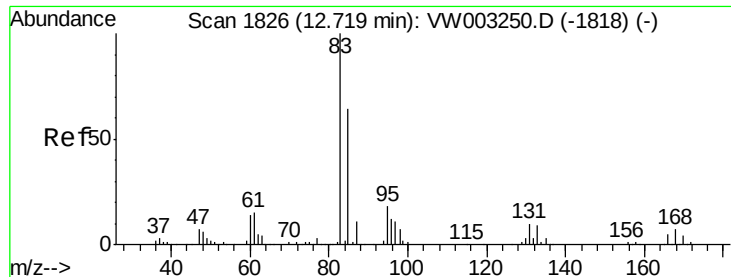
Tgt Ion: 105 Resp: 257749
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



#74
N-ethyl acetate
Concen: 20.538 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 43 Resp: 60213
Ion Ratio Lower Upper
43 100
70 38.3 31.0 46.6
55 26.2 19.7 29.5
61 22.1 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.225 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

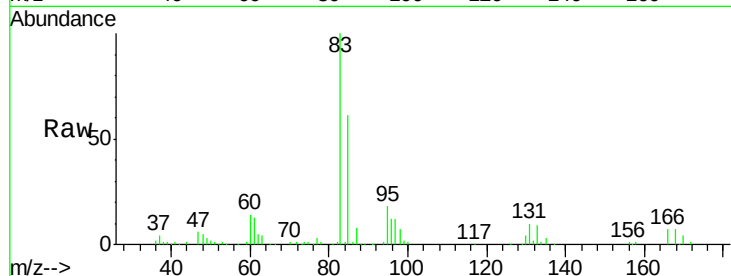
Tgt Ion: 83 Resp: 46251

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

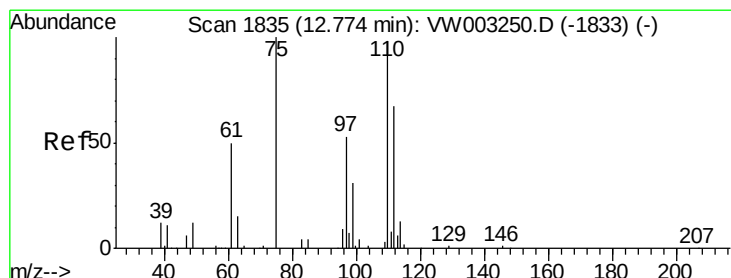
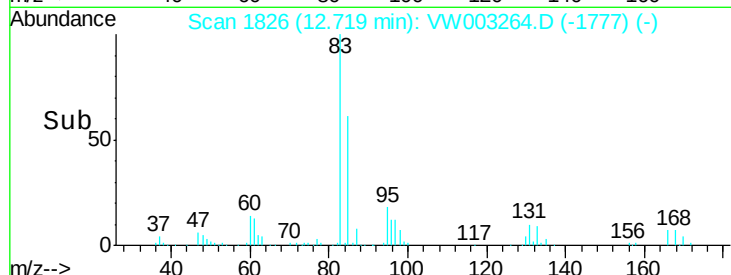
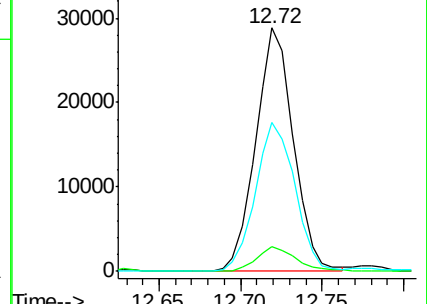
85 63.8 31.9 95.7



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: 38.744 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003264.D

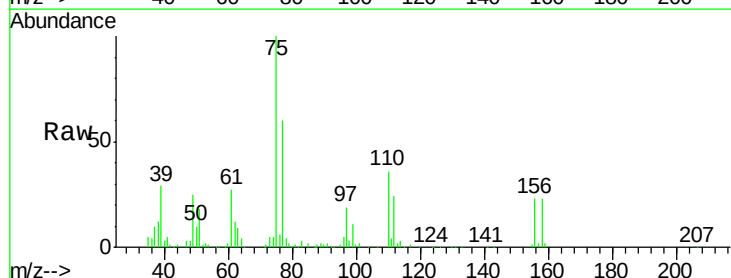
Acq: 14 Jun 2018 20:06

Tgt Ion: 75 Resp: 61337

Ion Ratio Lower Upper

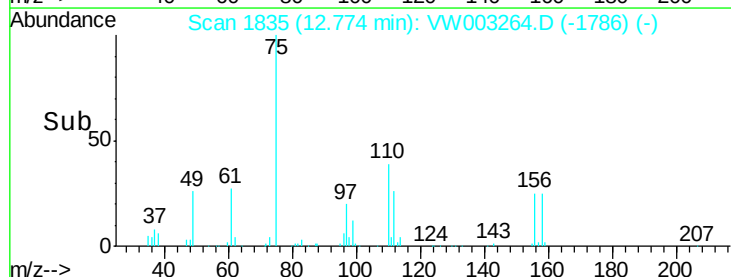
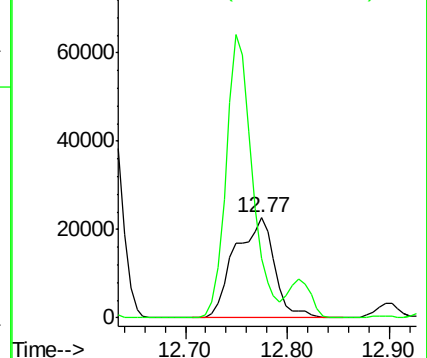
75 100

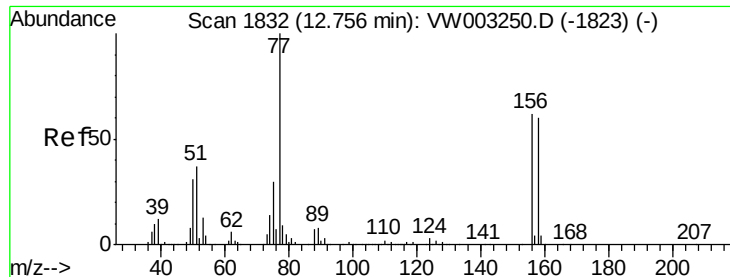
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.165 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

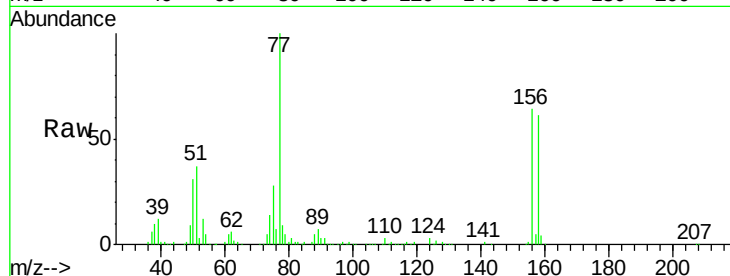
Tgt Ion:156 Resp: 60491

Ion Ratio Lower Upper

156 100

77 189.1 92.3 276.9

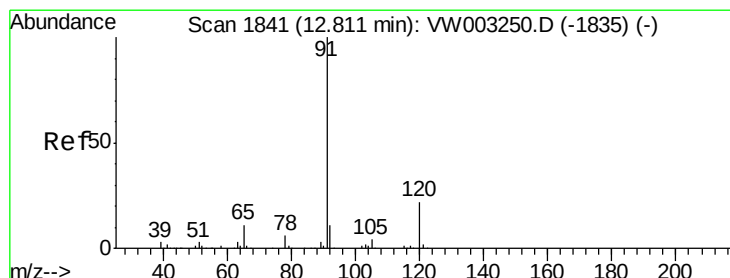
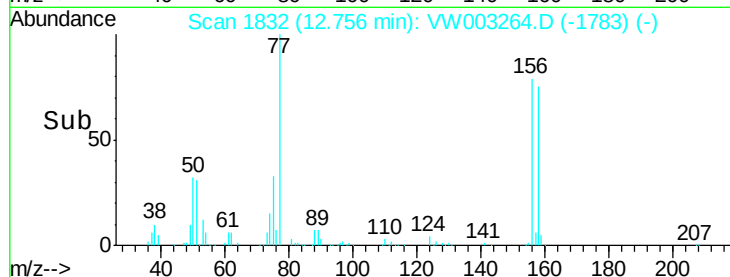
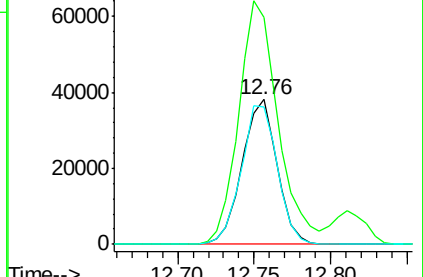
158 99.6 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.224 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003264.D

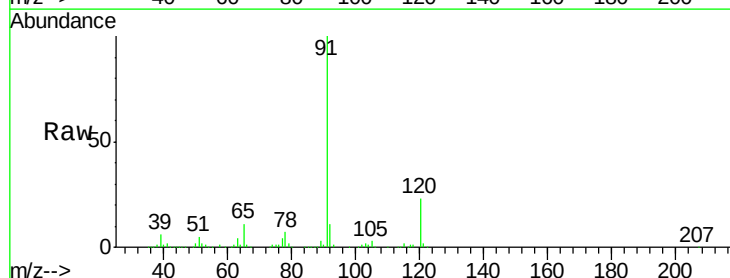
Acq: 14 Jun 2018 20:06

Tgt Ion: 91 Resp: 318976

Ion Ratio Lower Upper

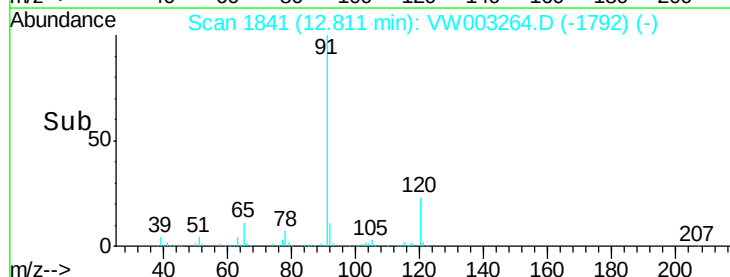
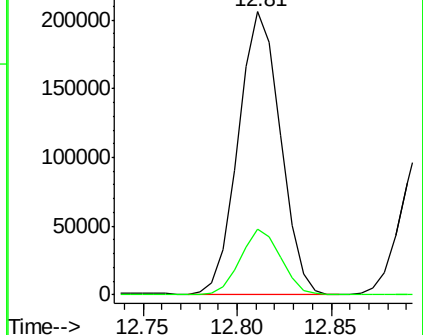
91 100

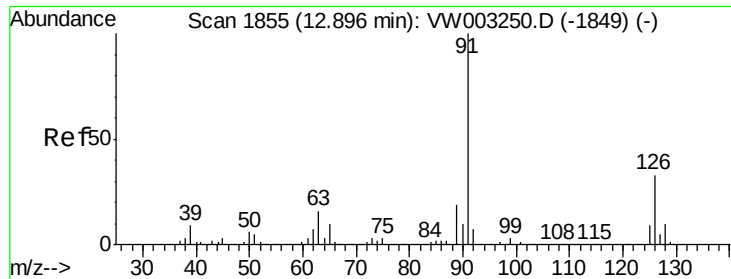
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.377 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

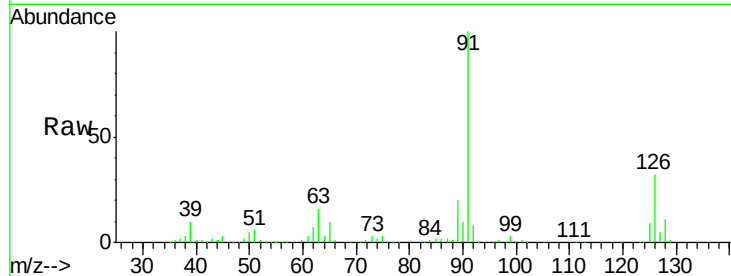
VW0615SBS01

Tgt Ion: 91 Resp: 181623

Ion Ratio Lower Upper

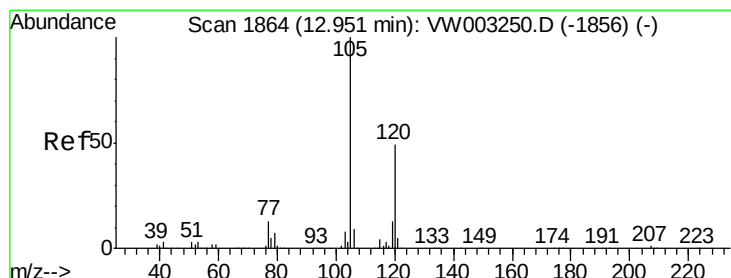
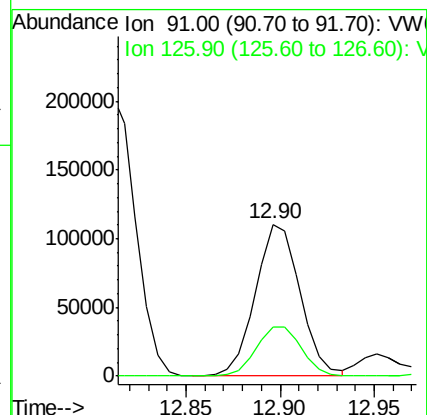
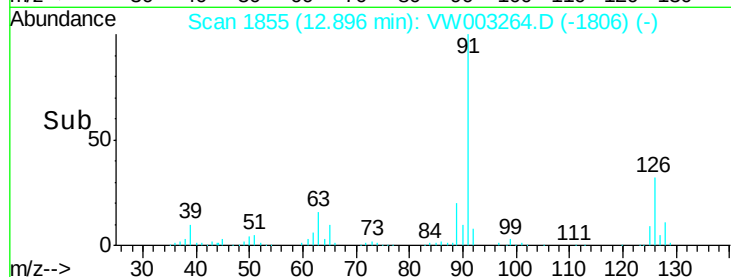
91 100

126 33.2 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: 20.720 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003264.D

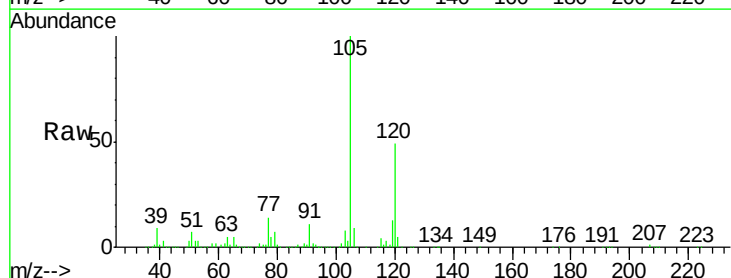
Acq: 14 Jun 2018 20:06

Tgt Ion: 105 Resp: 224014

Ion Ratio Lower Upper

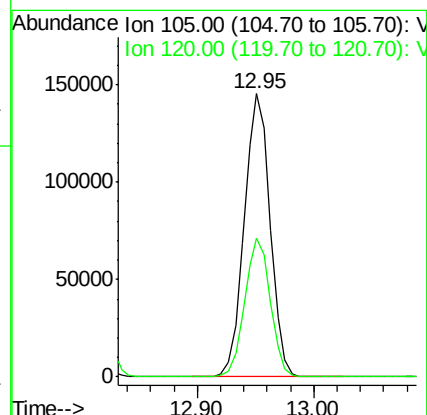
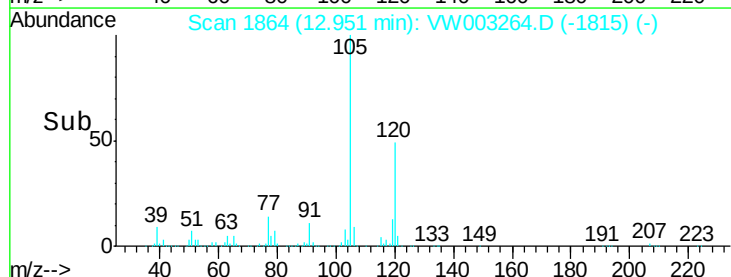
105 100

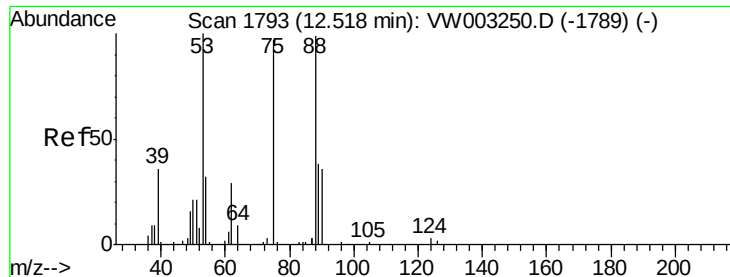
120 48.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

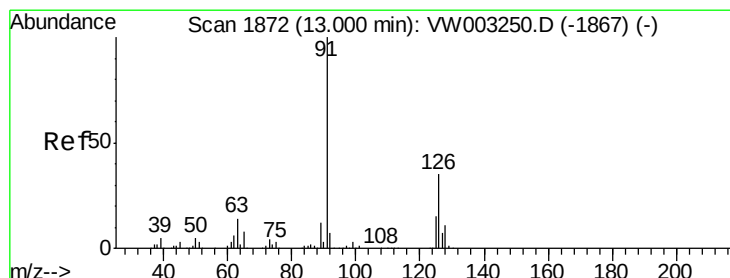
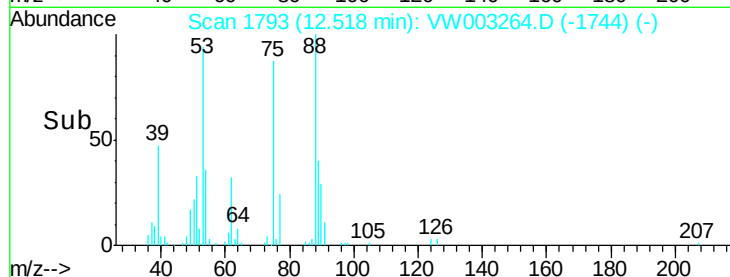
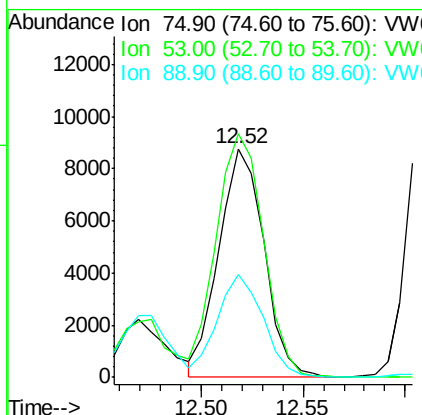
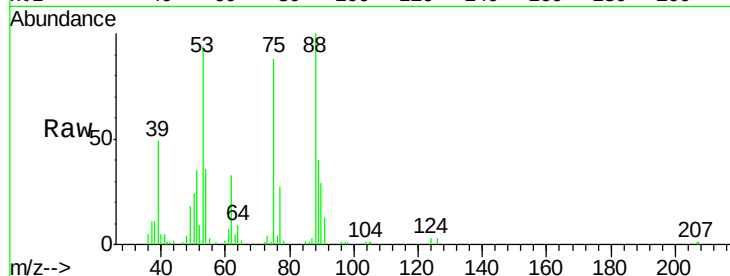




#81
trans-1,4-Dichloro-2-butene
Concen: 19.555 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

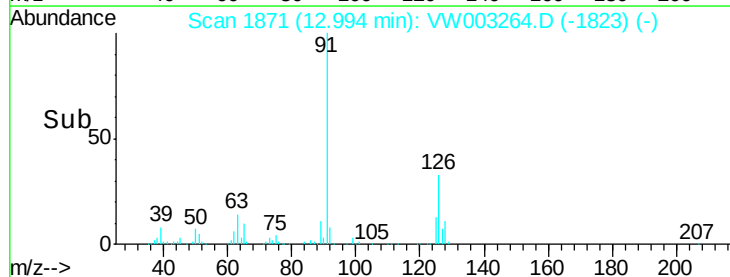
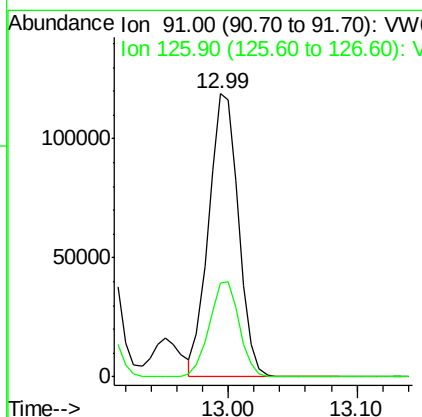
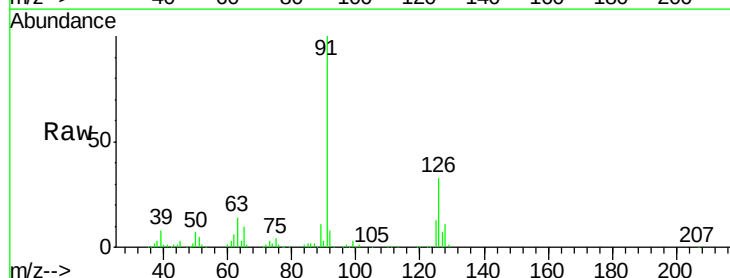
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

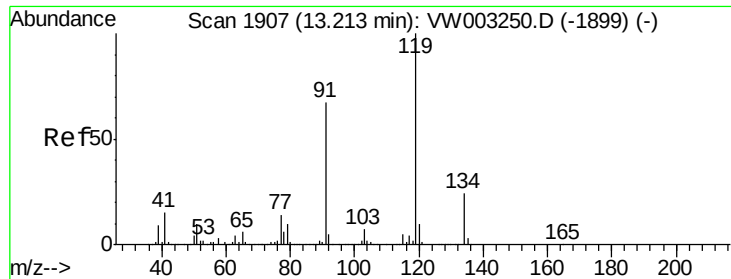
Tgt Ion: 75 Resp: 13454
Ion Ratio Lower Upper
75 100
53 111.7 82.9 124.3
89 45.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.375 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion: 91 Resp: 192647
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.3

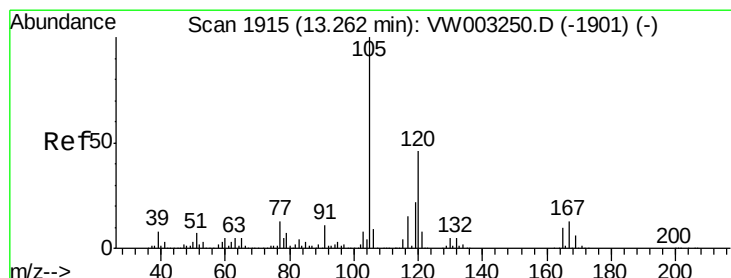
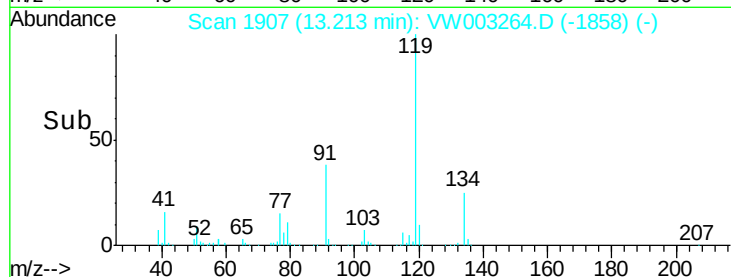
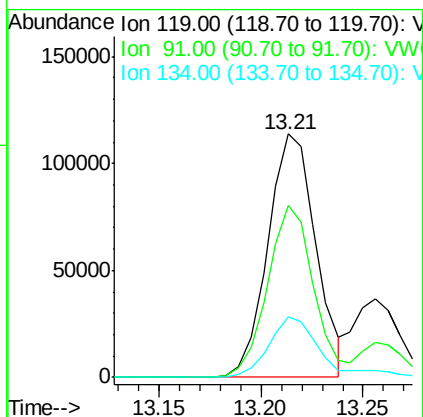
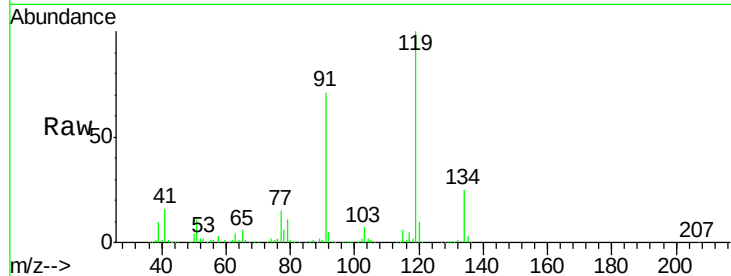




#83
 tert-Butylbenzene
 Concen: 20.248 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

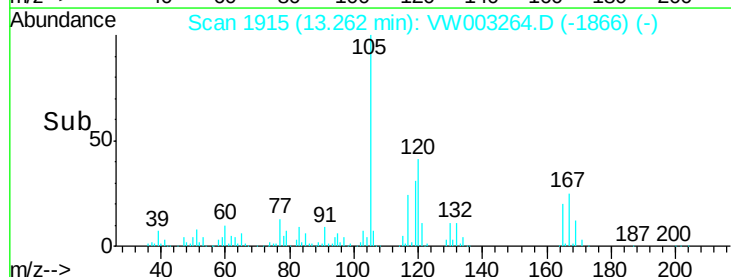
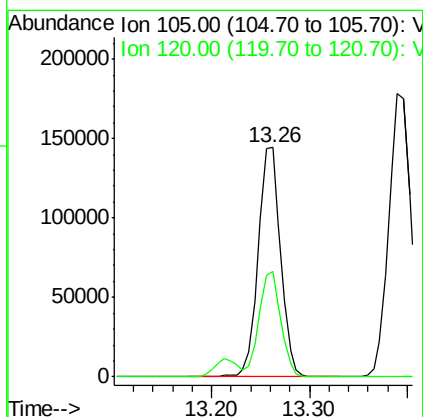
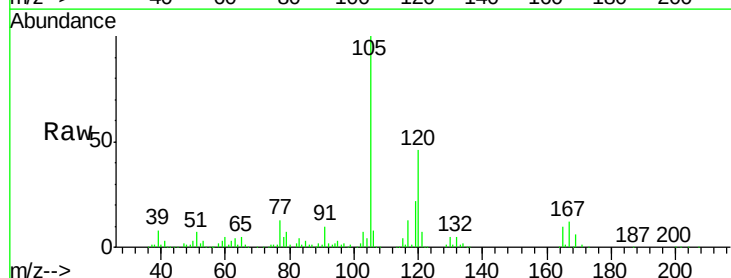
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

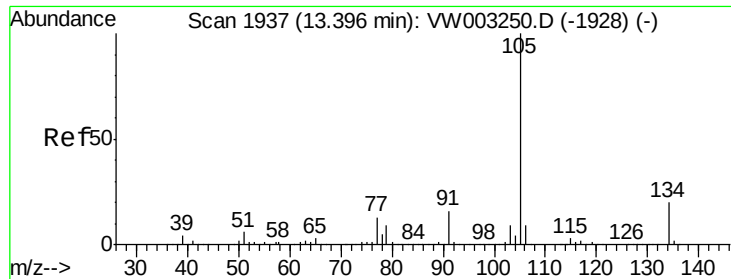
Tgt Ion:119 Resp: 186561
 Ion Ratio Lower Upper
 119 100
 91 68.4 33.9 101.7
 134 26.9 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.648 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion:105 Resp: 229639
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5

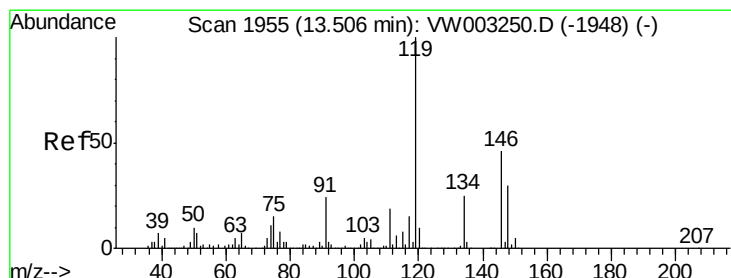
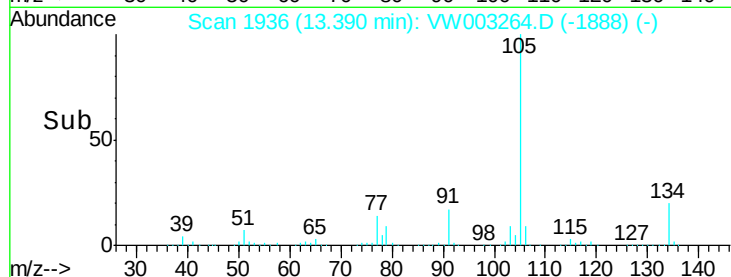
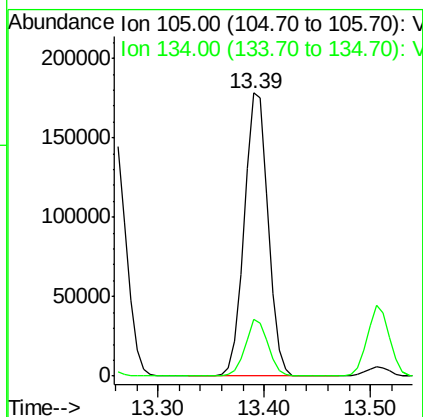
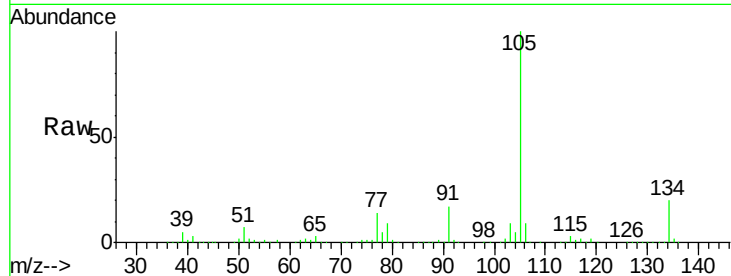




#85
 sec-Butylbenzene
 Concen: 20.453 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

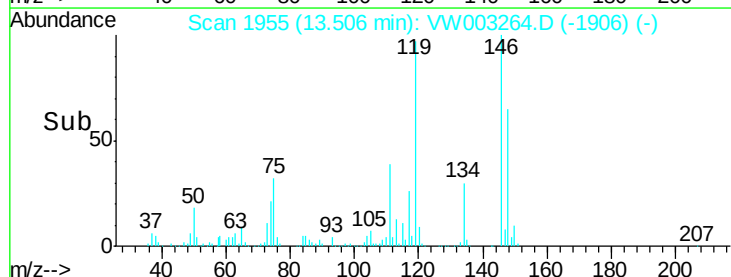
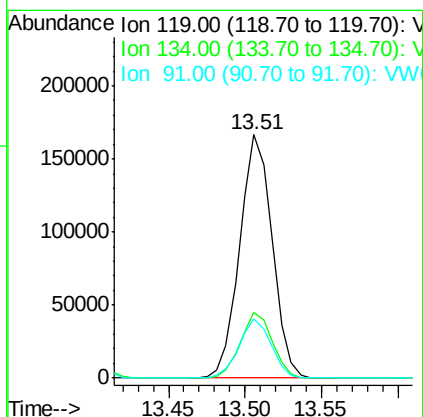
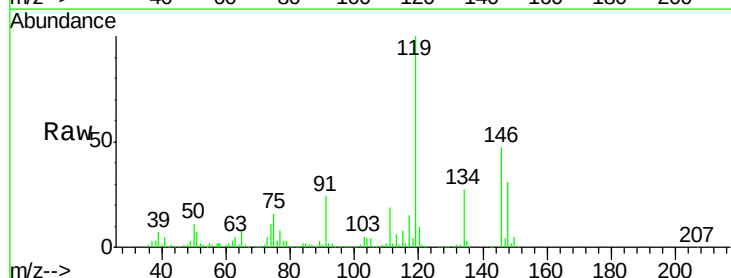
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

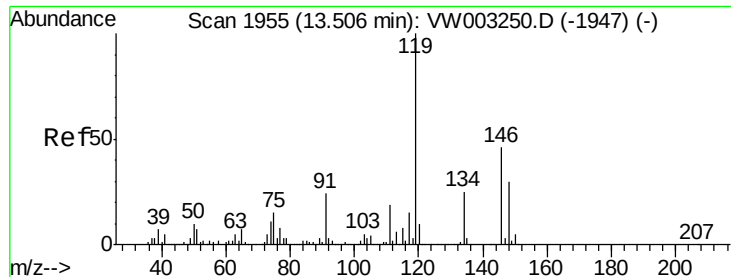
Tgt Ion:105 Resp: 280109
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.342 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion:119 Resp: 245716
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 23.9 11.8 35.3

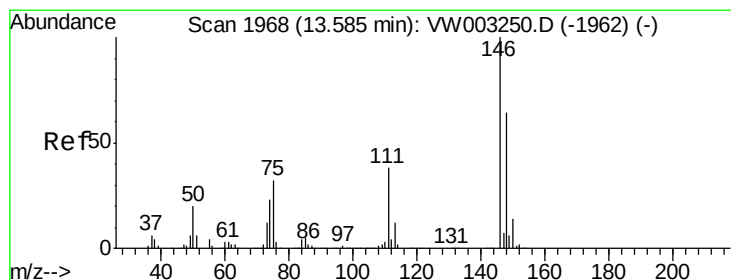
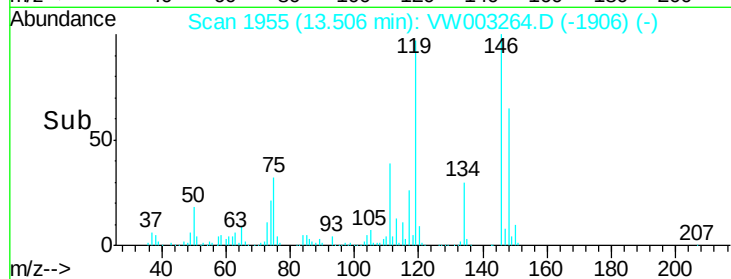
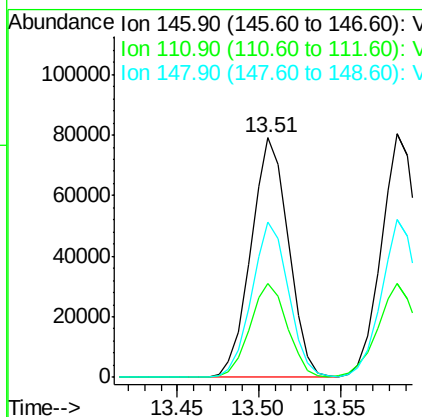
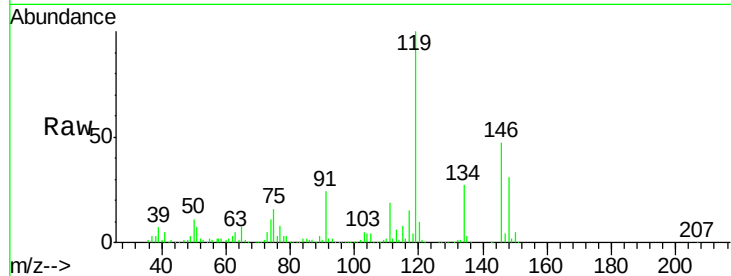




#87
 1,3-Dichlorobenzene
 Concen: 20.549 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

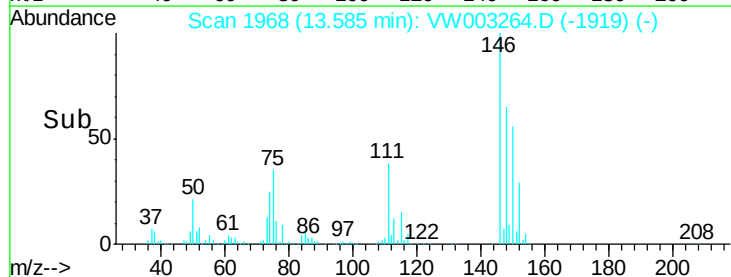
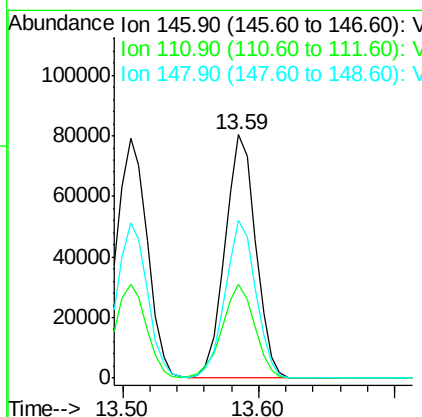
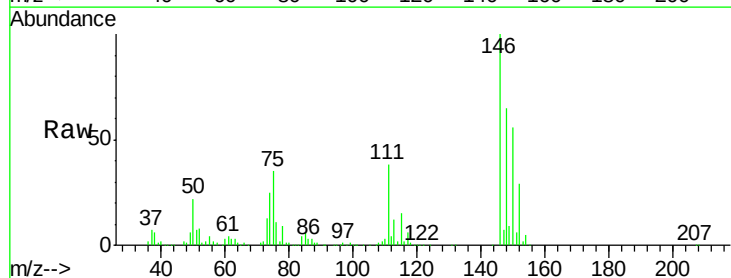
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

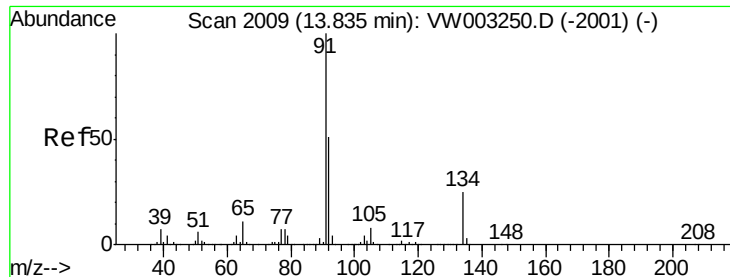
Tgt Ion:146 Resp: 126631
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.8 59.4
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.596 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion:146 Resp: 126175
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.2 57.6
 148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 20.232 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003264.D

Acq: 14 Jun 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

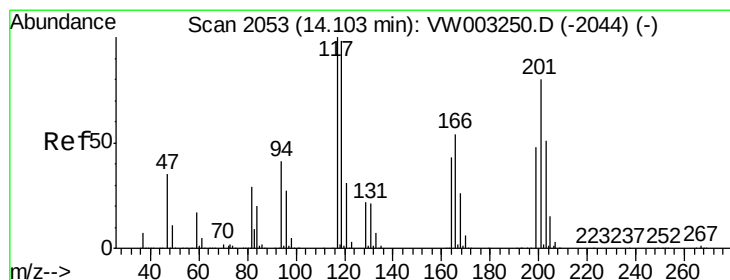
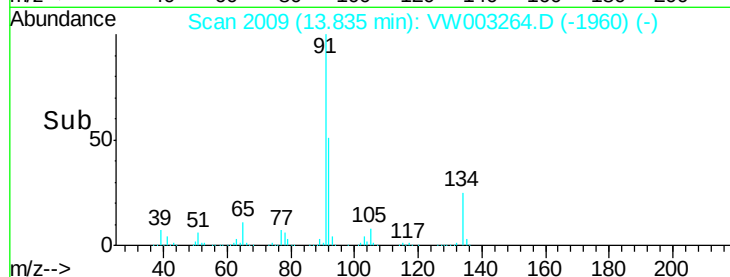
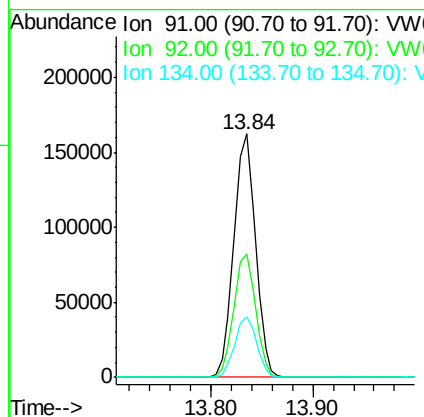
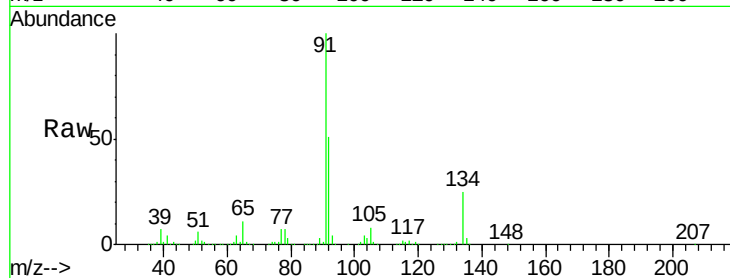
Tgt Ion: 91 Resp: 238216

Ion Ratio Lower Upper

91 100

92 50.8 26.0 78.0

134 25.0 12.7 38.0



#90

Hexachloroethane

Concen: 20.468 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003264.D

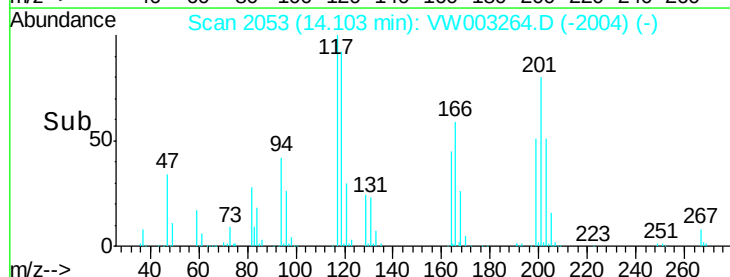
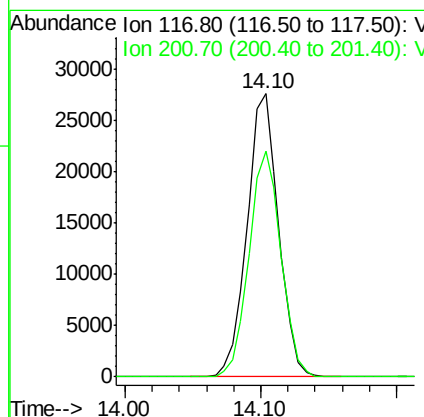
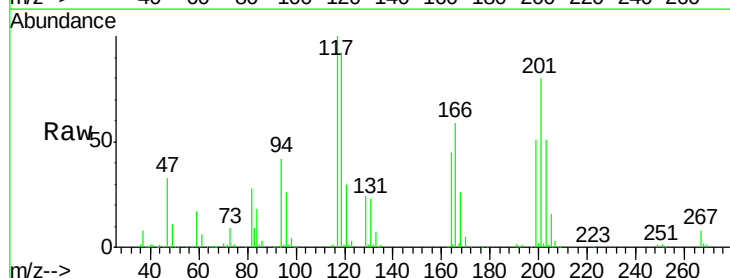
Acq: 14 Jun 2018 20:06

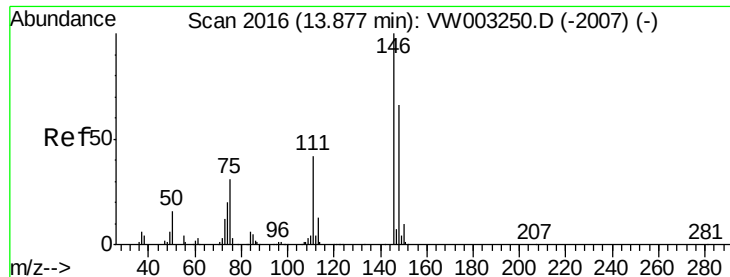
Tgt Ion: 117 Resp: 44725

Ion Ratio Lower Upper

117 100

201 80.8 39.5 118.5

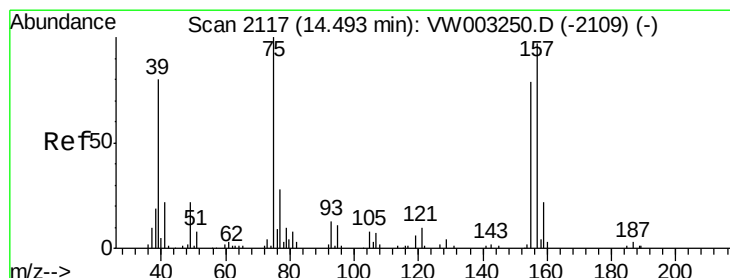
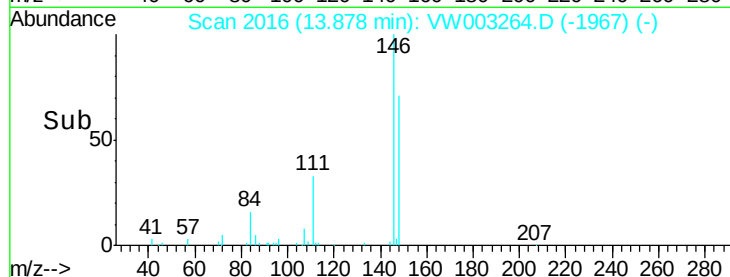
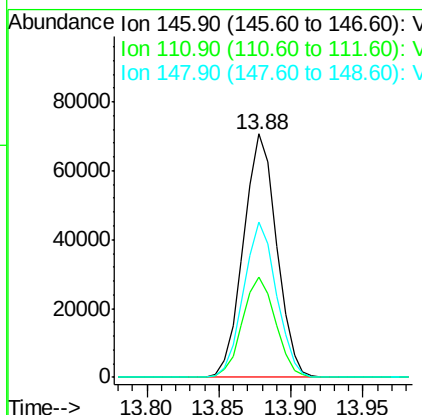
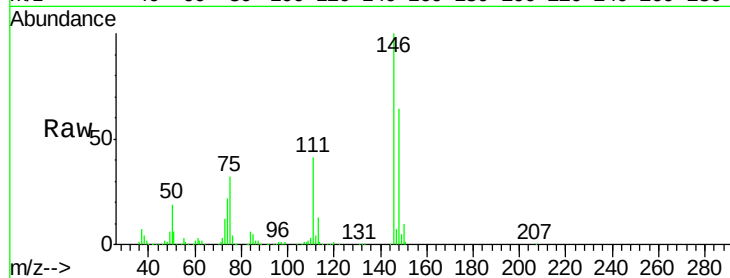




#91
 1,2-Dichlorobenzene
 Concen: 20.896 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

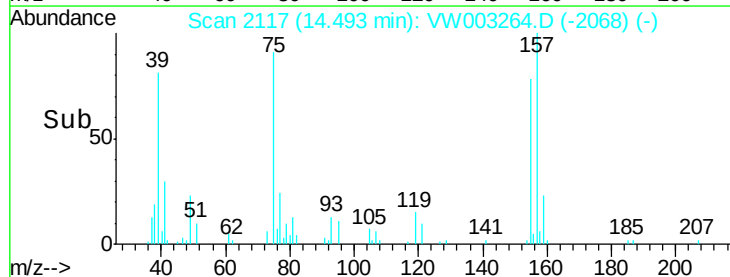
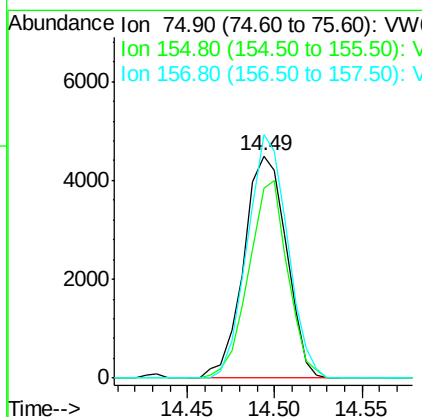
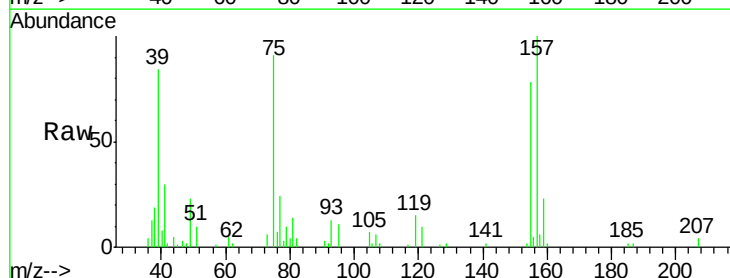
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

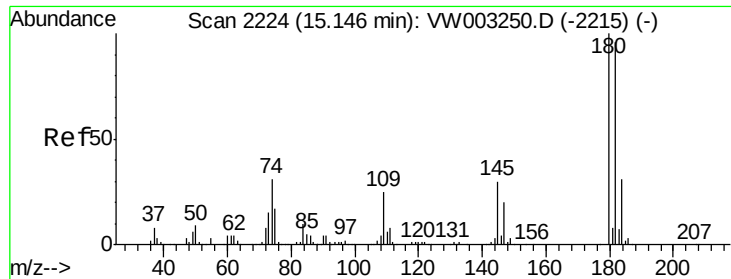
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	61.0
148	63.3	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.806 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	39.4	118.2
157	103.3	51.5	154.5

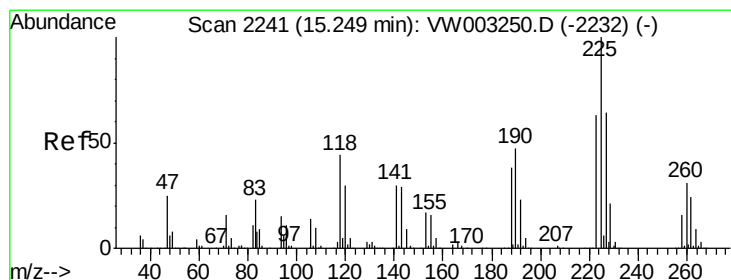
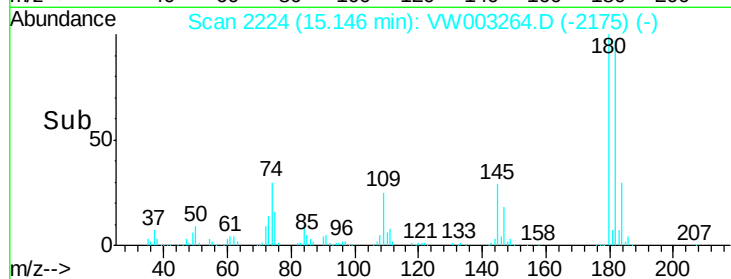
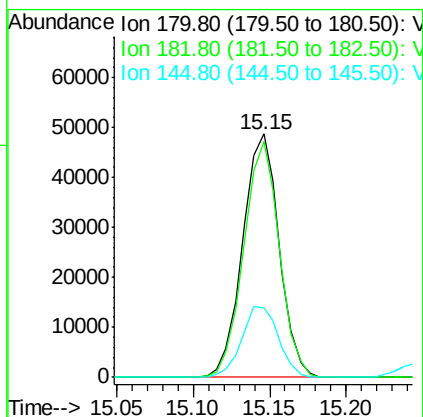
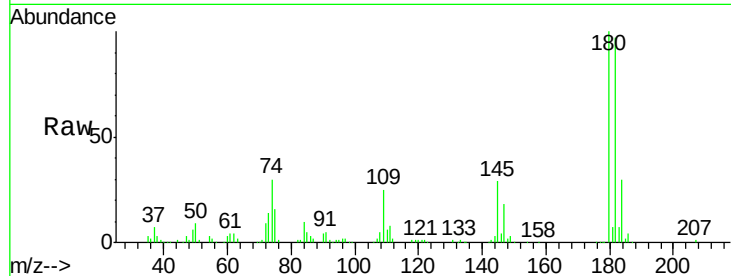




#93
 1,2,4-Trichlorobenzene
 Concen: 21.219 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

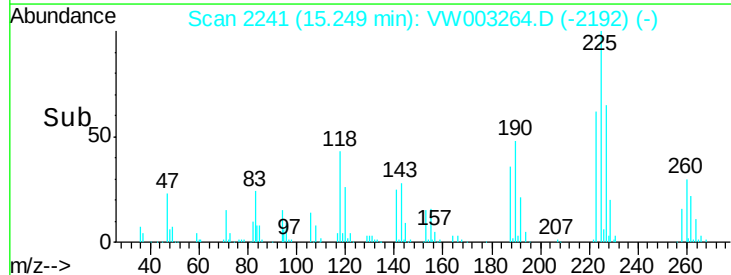
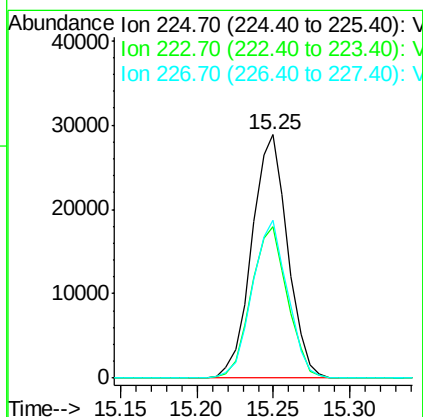
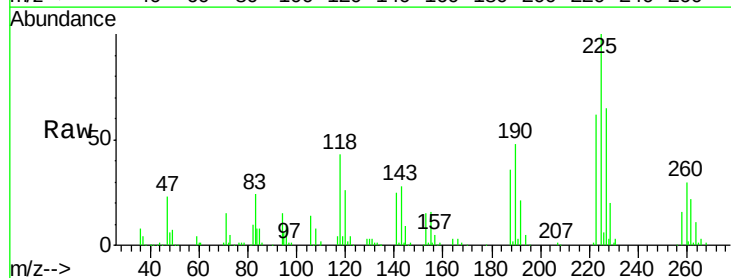
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

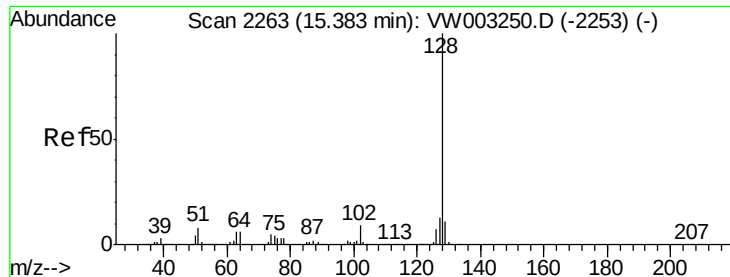
Tgt Ion:180 Resp: 80411
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.6
 145 29.8 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 20.627 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003264.D
 Acq: 14 Jun 2018 20:06

Tgt Ion:225 Resp: 47018
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.6 92.0
 227 64.1 31.7 95.1

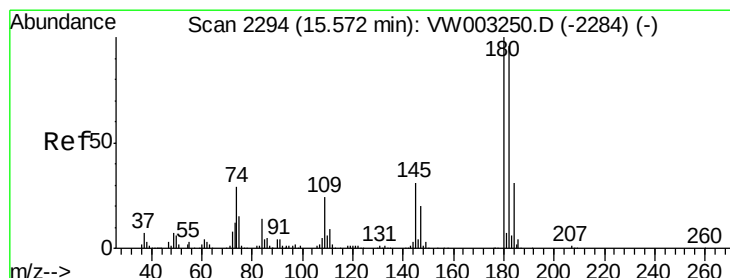
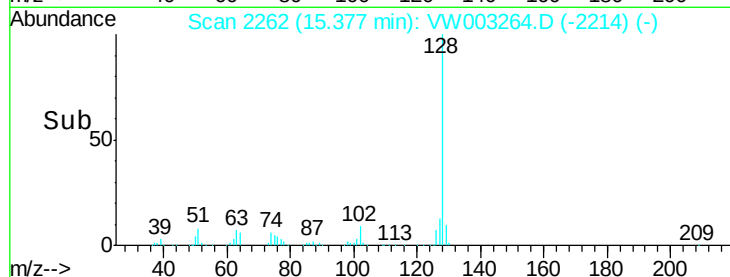
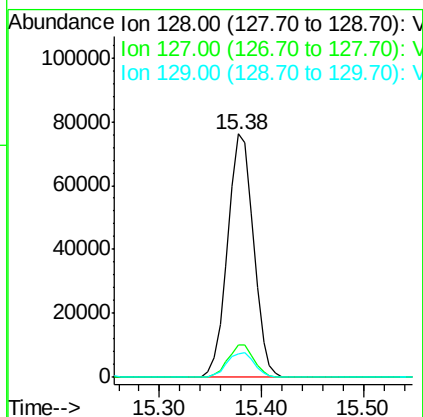
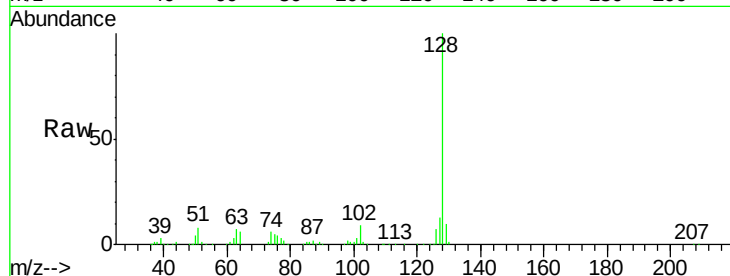




#95
Naphthalene
Concen: 20.769 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBS01

Tgt Ion:128 Resp: 133503
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.988 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003264.D
Acq: 14 Jun 2018 20:06

Tgt Ion:180 Resp: 70007
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.6
145 31.8 15.8 47.4

