

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002373.D
 Acq On : 10 May 2018 12:12
 Operator : JC/SY
 Sample : VW0510SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

Quant Time: May 10 14:37:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	319102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112133	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
35) Dibromofluoromethane	7.88	113	110292	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	10.33	98	441232	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.63	95	154180	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15883	17.44	ug/l	82
3) Chloromethane	2.21	50	34857	18.85	ug/l	95
4) Vinyl Chloride	2.36	62	56299	18.46	ug/l	96
5) Bromomethane	2.77	94	47489	19.36	ug/l	99
6) Chloroethane	2.92	64	38053	18.49	ug/l	99
7) Trichlorofluoromethane	3.25	101	27864	22.37	ug/l	92
8) Diethyl Ether	3.67	74	23107	16.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	45463	20.67	ug/l	98
10) Methyl Iodide	4.26	142	71323	19.98	ug/l	100
11) Tert butyl alcohol	5.18	59	13513	72.66	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	44970	20.62	ug/l	90
13) Acrolein	3.89	56	13637	87.58	ug/l	96
14) Allyl chloride	4.65	41	65037	20.29	ug/l	100
15) Acrylonitrile	5.36	53	44544	81.45	ug/l	98
16) Acetone	4.12	43	58259	116.58	ug/l	98
17) Carbon Disulfide	4.37	76	127219	20.06	ug/l	99
18) Methyl Acetate	4.67	43	22324	14.89	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	67187	17.62	ug/l	97
20) Methylene Chloride	4.90	84	44541	18.49	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	46503	19.75	ug/l	98
22) Diisopropyl ether	6.31	45	129808	18.48	ug/l	97
23) Vinyl Acetate	6.25	43	376563	89.51	ug/l	98
24) 1,1-Dichloroethane	6.21	63	82971	19.48	ug/l	97
25) 2-Butanone	7.17	43	64244	86.58	ug/l	99
26) 2,2-Dichloropropane	7.17	77	50616	23.84	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51042	19.23	ug/l	99
28) Bromochloromethane	7.50	49	34669	17.99	ug/l	99
29) Tetrahydrofuran	7.53	42	37567	77.19	ug/l	99
30) Chloroform	7.67	83	86073	19.30	ug/l	98
31) Cyclohexane	7.95	56	76307	20.07	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	69264	20.66	ug/l	97
36) 1,1-Dichloropropene	8.08	75	69344	21.62	ug/l	99
37) Ethyl Acetate	7.26	43	26235	16.78	ug/l	97
38) Carbon Tetrachloride	8.06	117	66021	21.28	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83447	22.29	ug/l	96
40) Benzene	8.32	78	191411	20.41	ug/l	98
41) Methacrylonitrile	7.49	41	15310	17.09	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	55494	18.98	ug/l	99
43) Isopropyl Acetate	8.43	43	50081	16.89	ug/l	97
44) Trichloroethene	9.09	130	53202	20.81	ug/l	96
45) 1,2-Dichloropropane	9.37	63	47004	20.01	ug/l	92
46) Dibromomethane	9.46	93	23754	18.09	ug/l	97
47) Bromodichloromethane	9.65	83	60932	19.66	ug/l	99
48) Methyl methacrylate	9.44	41	23343	16.21	ug/l	97
49) 1,4-Dioxane	9.45	88	7367	353.13	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	131241	80.22	ug/l	99
52) Toluene	10.39	92	123673	20.77	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	58270	19.12	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	69038	19.82	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	33531	18.13	ug/l	95
56) Ethyl methacrylate	10.65	69	39628	17.34	ug/l	99
57) 1,3-Dichloropropane	10.94	76	58327	18.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	101827	91.78	ug/l	100
59) 2-Hexanone	10.98	43	97586	87.20	ug/l	99
60) Dibromochloromethane	11.13	129	40433	18.53	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32777	18.13	ug/l	99
64) Tetrachloroethene	10.87	164	47616	19.39	ug/l	95
65) Chlorobenzene	11.66	112	136987	21.01	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	47485	20.43	ug/l	98
67) Ethyl Benzene	11.74	91	239002	21.33	ug/l	99
68) m/p-Xylenes	11.85	106	187821	43.43	ug/l	99
69) o-Xylene	12.18	106	88354	21.49	ug/l	97
70) Styrene	12.19	104	138567	20.29	ug/l	100
71) Bromoform	12.35	173	23841	17.89	ug/l #	100
73) Isopropylbenzene	12.48	105	243735	22.02	ug/l	100
74) N-amyl acetate	12.28	43	48688	17.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	38588	18.04	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	23236m	15.38	ug/l	
77) Bromobenzene	12.76	156	58592	21.00	ug/l	96
78) n-propylbenzene	12.82	91	294669	22.46	ug/l	99
79) 2-Chlorotoluene	12.90	91	161494	21.38	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	204765	22.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11055	19.27	ug/l	98
82) 4-Chlorotoluene	13.00	91	173979	21.65	ug/l	100
83) tert-Butylbenzene	13.22	119	178446	22.26	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	211783	21.94	ug/l	99
85) sec-Butylbenzene	13.40	105	256932	22.45	ug/l	99
86) p-Isopropyltoluene	13.51	119	231841	22.66	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	118916	21.53	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	115664	20.98	ug/l	98
89) n-Butylbenzene	13.84	91	219234	22.90	ug/l	99
90) Hexachloroethane	14.11	117	38642	21.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	103204	20.60	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	6468	17.49	ug/l	97

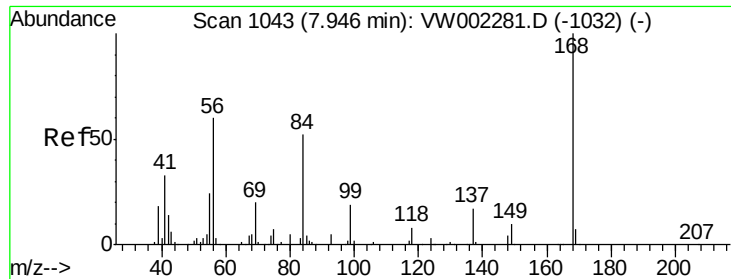
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76653	21.40	ug/l	100
94) Hexachlorobutadiene	15.26	225	45685	22.90	ug/l	98
95) Naphthalene	15.38	128	124530	18.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	66336	20.65	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

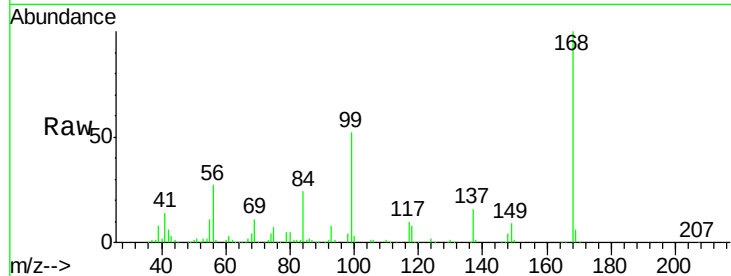
VW0510SBS02

Tot Ion:168 Resp: 240954

Ion Ratio Lower Upper

168 100

99 52.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

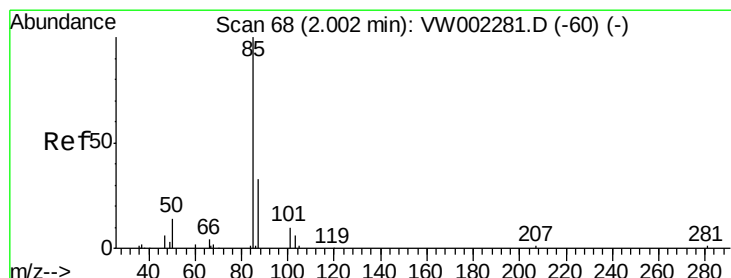
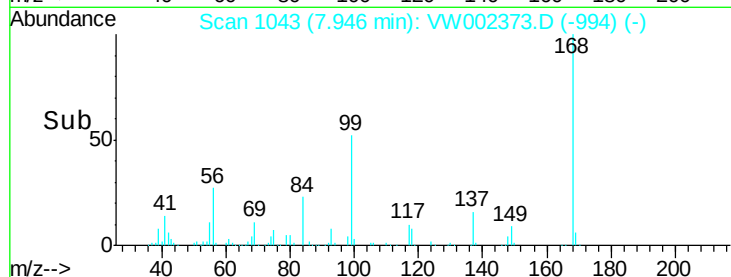
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.44 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002373.D

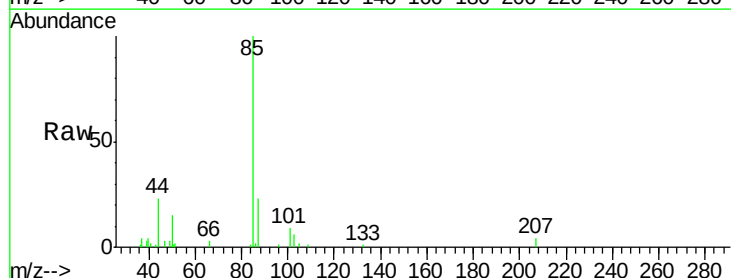
Acq: 10 May 2018 12:12

Tgt Ion: 85 Resp: 15883

Ion Ratio Lower Upper

85 100

87 22.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

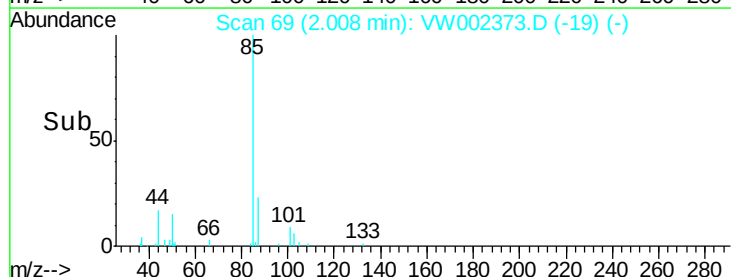
3000

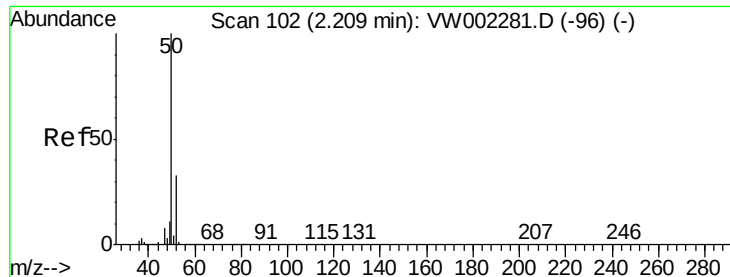
2000

1000

0

Time--> 1.90 2.00 2.10

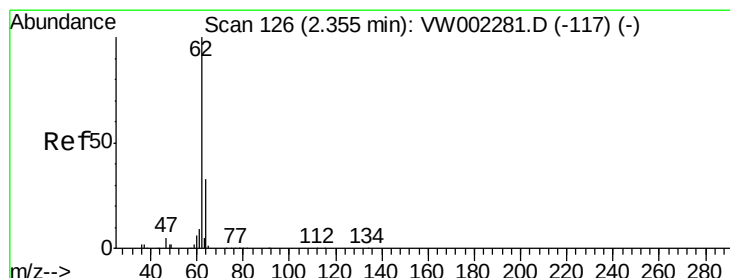
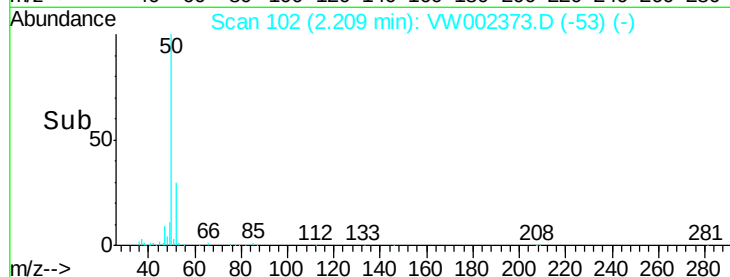
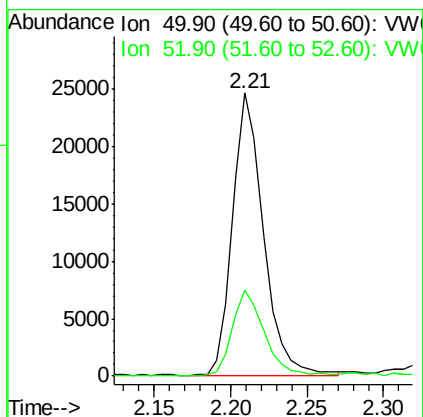
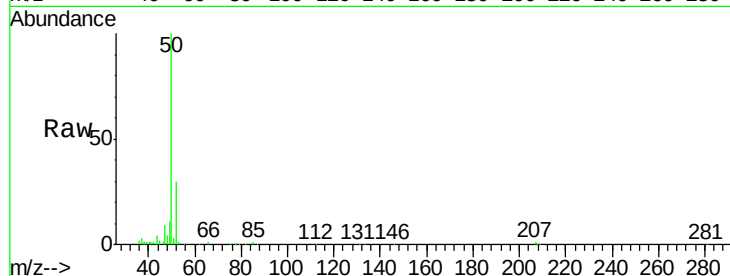




#3
Chloromethane
Concen: 18.85 ug/l
RT: 2.21 min Scan# 102
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

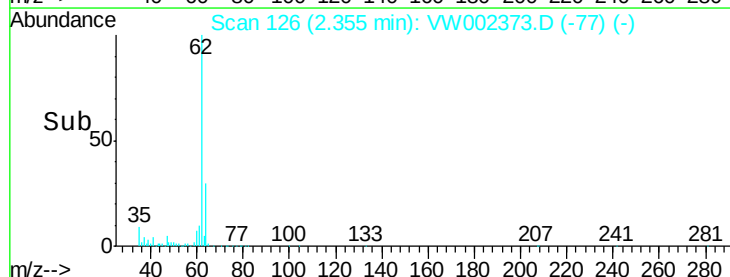
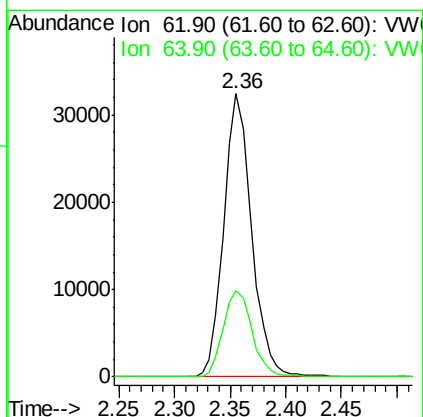
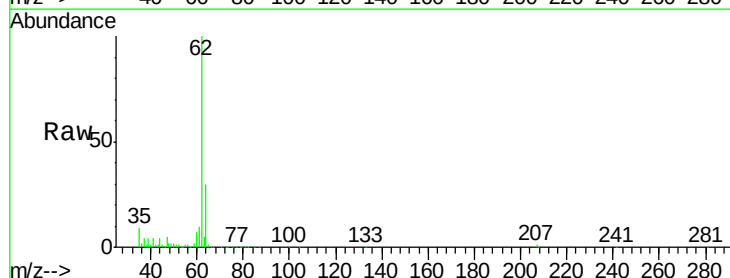
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

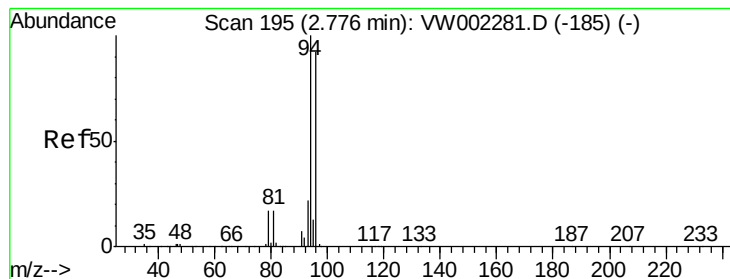
Tot Ion: 50 Resp: 34857
Ion Ratio Lower Upper
50 100
52 30.4 26.5 39.7



#4
Vinyl Chloride
Concen: 18.46 ug/l
RT: 2.36 min Scan# 126
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion: 62 Resp: 56299
Ion Ratio Lower Upper
62 100
64 30.5 26.1 39.1





#5

Bromomethane

Concen: 19.36 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

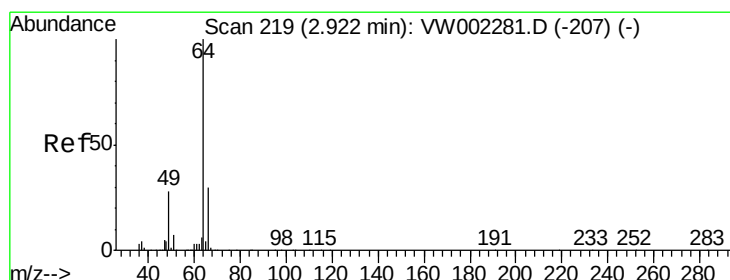
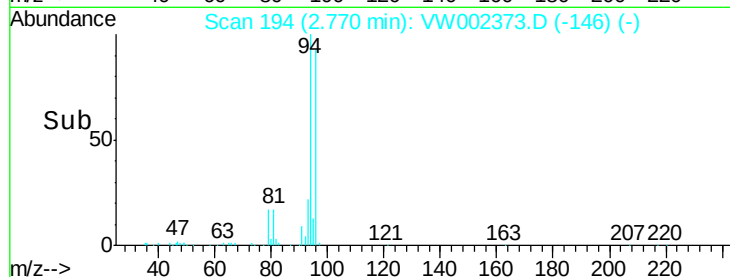
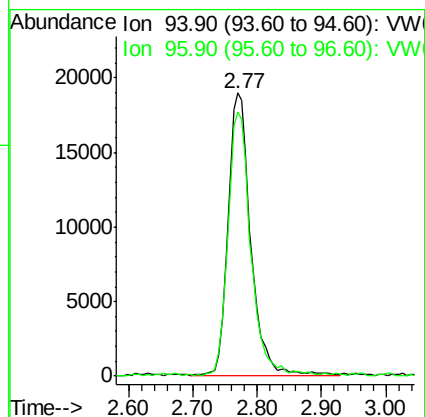
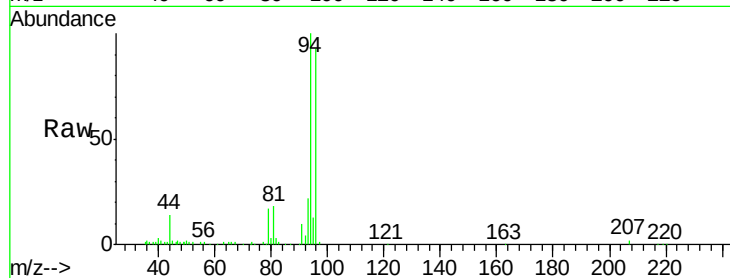
VW0510SBS02

Tot Ion: 94 Resp: 47489

Ion Ratio Lower Upper

94 100

96 92.8 73.6 110.4



#6

Chloroethane

Concen: 18.49 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW002373.D

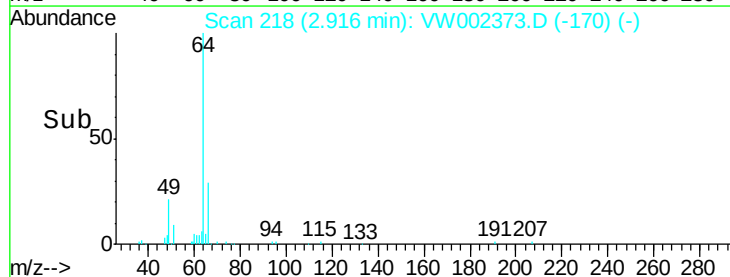
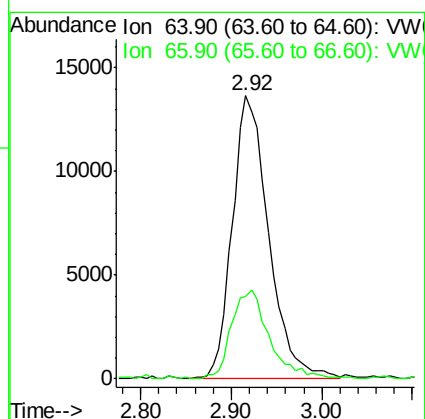
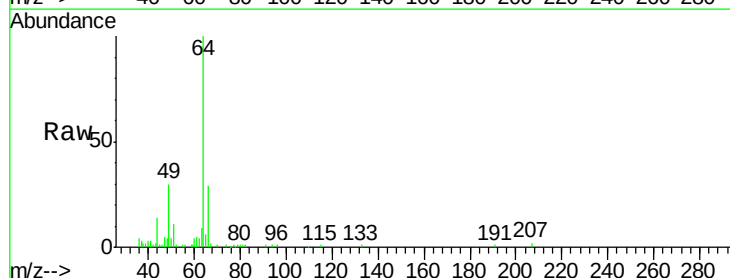
Acq: 10 May 2018 12:12

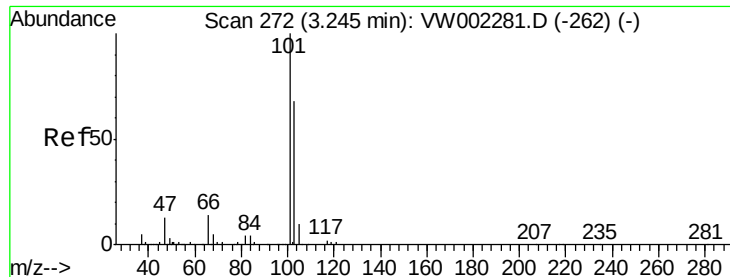
Tgt Ion: 64 Resp: 38053

Ion Ratio Lower Upper

64 100

66 29.3 23.8 35.6



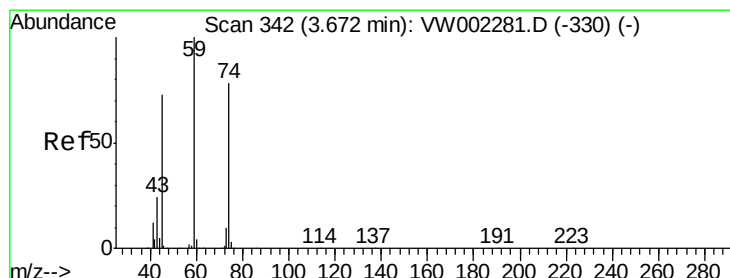
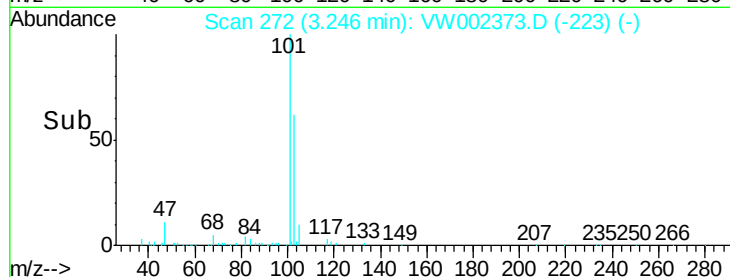
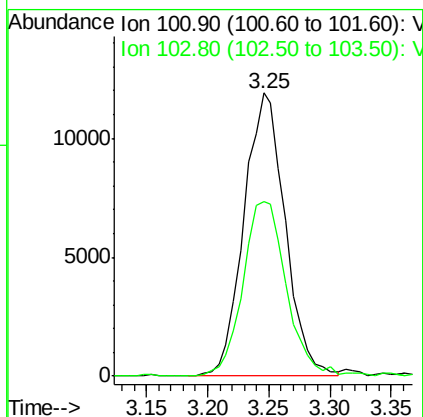
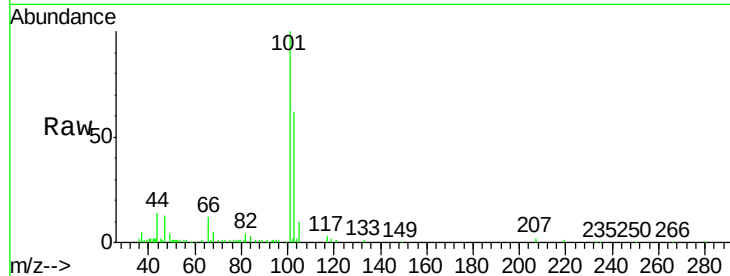


#7

Trichlorofluoromethane
 Concen: 22.37 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

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 VW0510SBS02

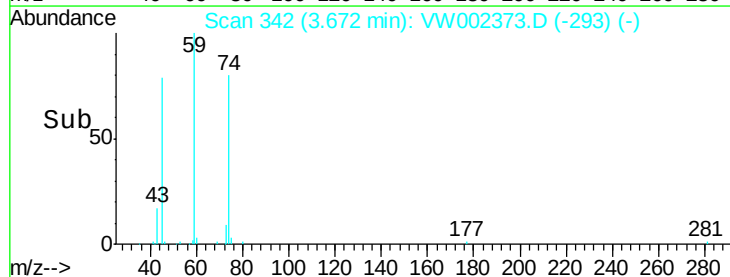
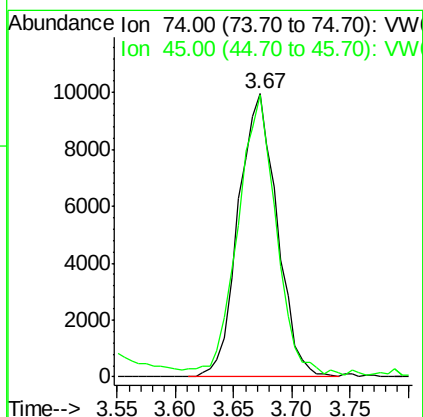
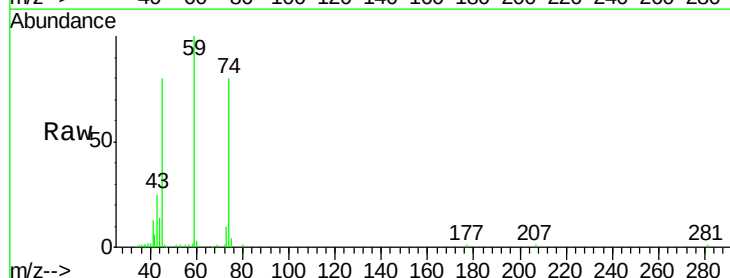
Tot Ion:101 Resp: 27864
 Ion Ratio Lower Upper
 101 100
 103 61.5 54.6 82.0

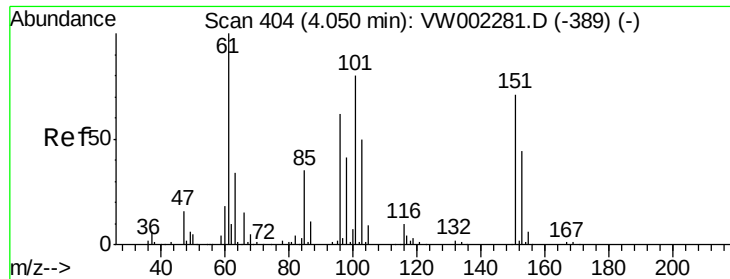


#8

Diethyl Ether
 Concen: 16.57 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion: 74 Resp: 23107
 Ion Ratio Lower Upper
 74 100
 45 97.3 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.67 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

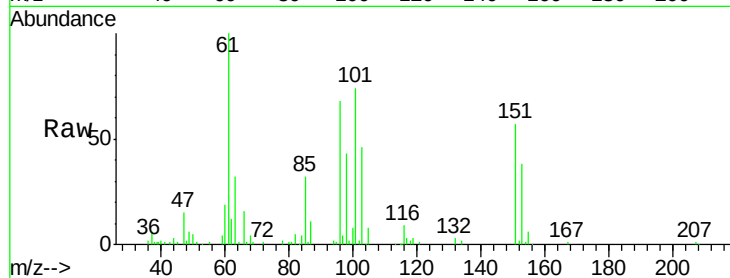
Tot Ion:101 Resp: 45463

Ion Ratio Lower Upper

101 100

85 45.5 35.9 53.9

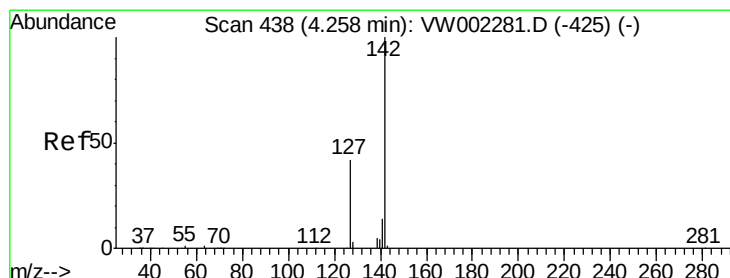
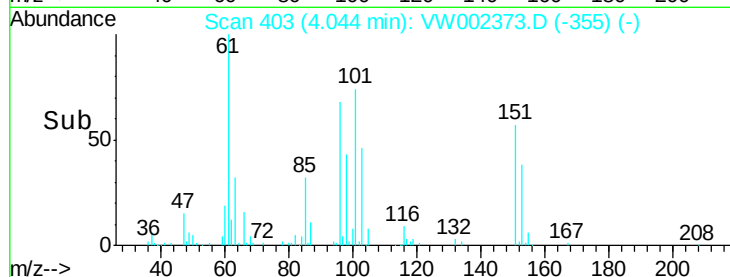
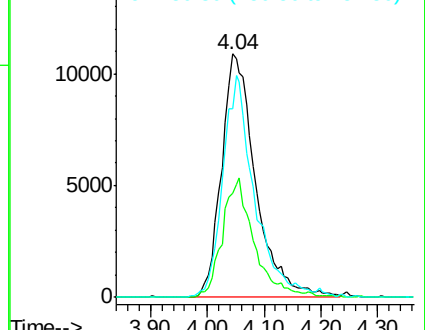
151 84.4 65.4 98.2



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: 19.98 ug/l

RT: 4.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

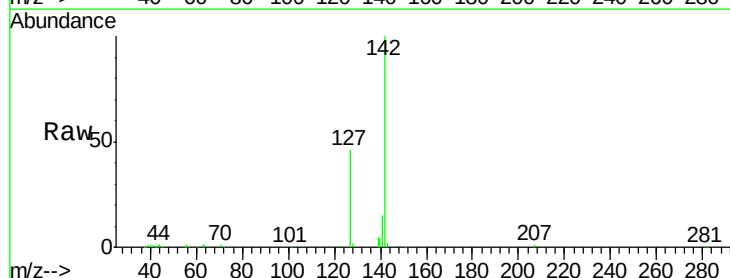
Tgt Ion:142 Resp: 71323

Ion Ratio Lower Upper

142 100

127 43.7 34.7 52.1

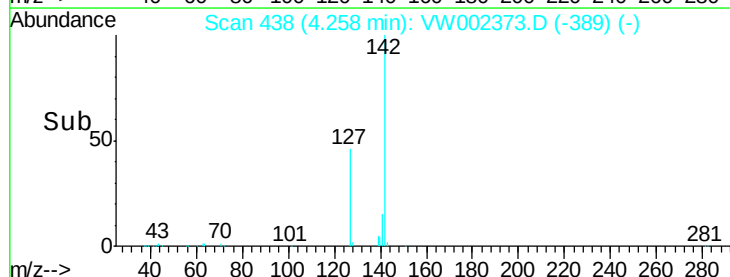
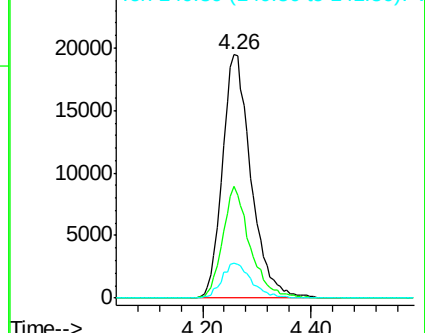
141 14.9 11.9 17.9

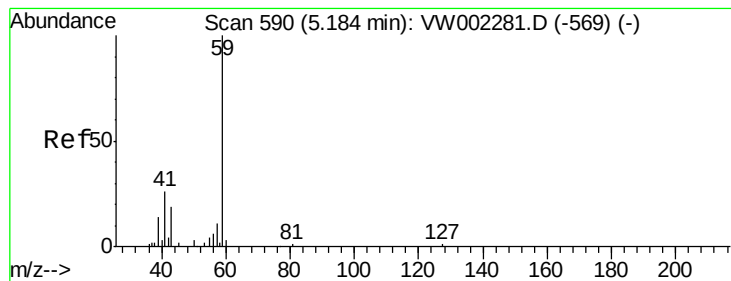


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 72.66 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

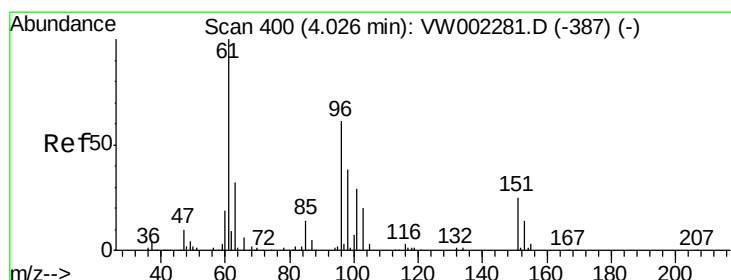
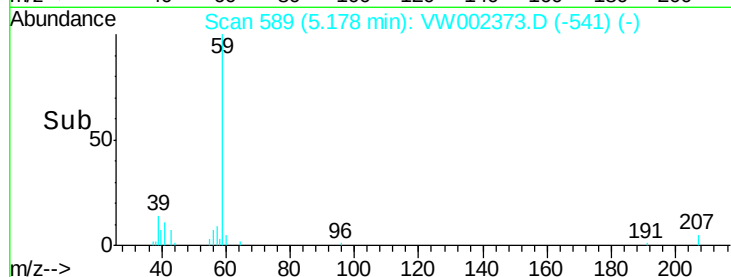
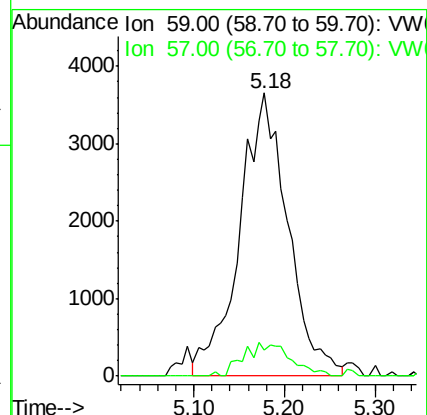
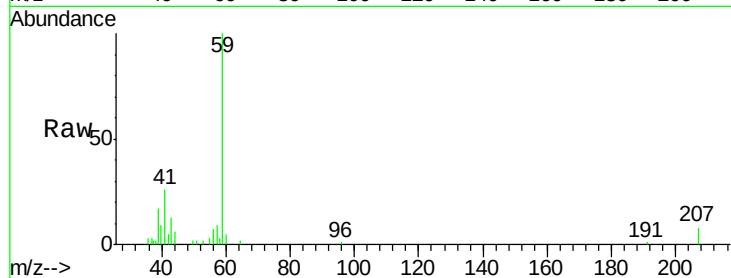
VW0510SBS02

Tot Ion: 59 Resp: 13513

Ion Ratio Lower Upper

59 100

57 11.3 3.9 5.9#



#12

1,1-Dichloroethene

Concen: 20.62 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

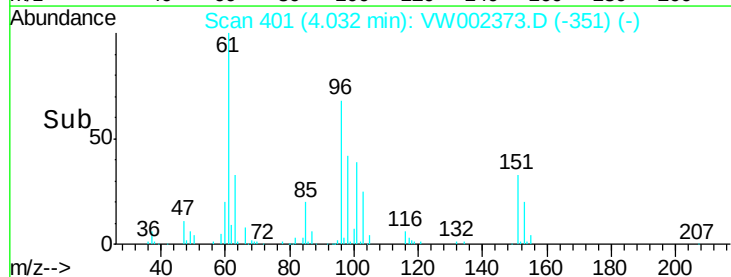
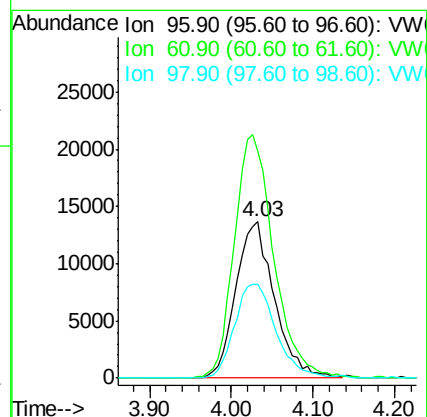
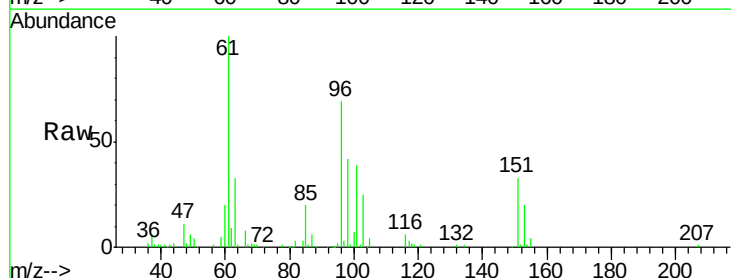
Tgt Ion: 96 Resp: 44970

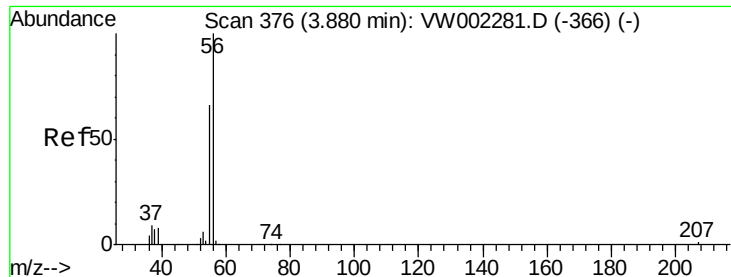
Ion Ratio Lower Upper

96 100

61 145.6 130.6 196.0

98 60.5 49.0 73.4





#13

Acrolein

Concen: 87.58 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

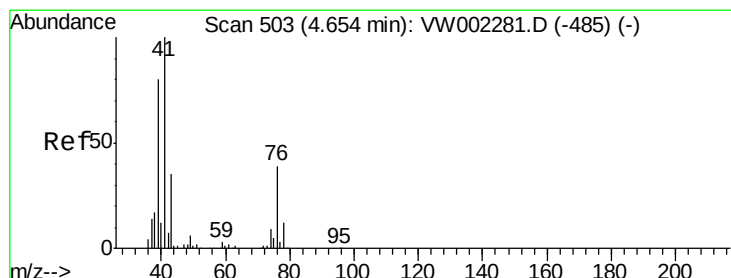
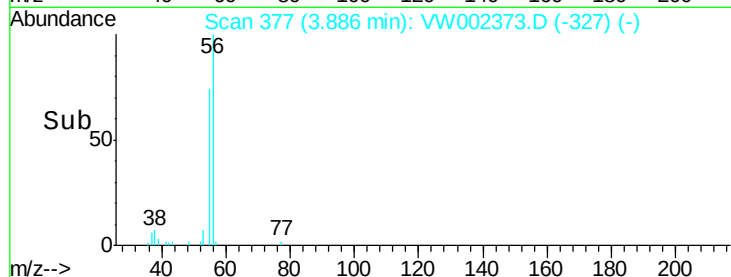
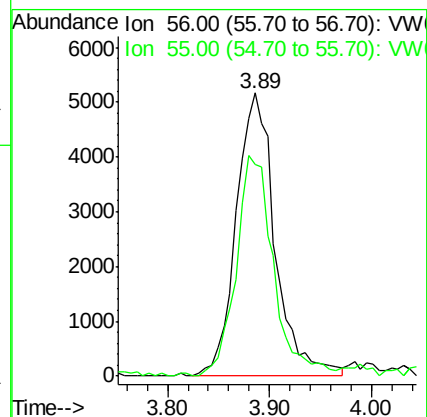
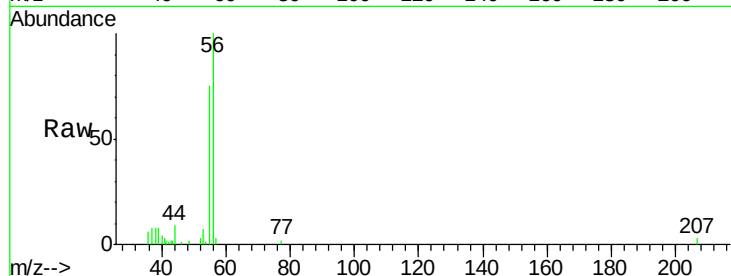
VW0510SBS02

Tot Ion: 56 Resp: 13637

Ion Ratio Lower Upper

56 100

55 75.0 57.3 85.9



#14

Allyl chloride

Concen: 20.29 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

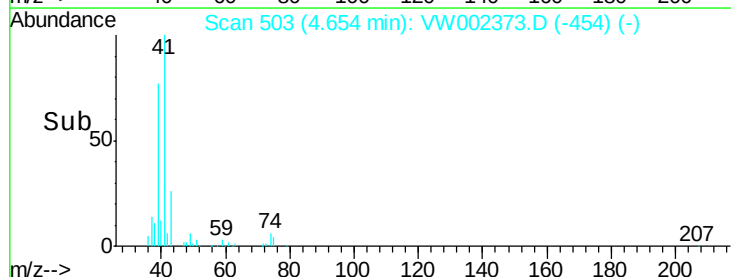
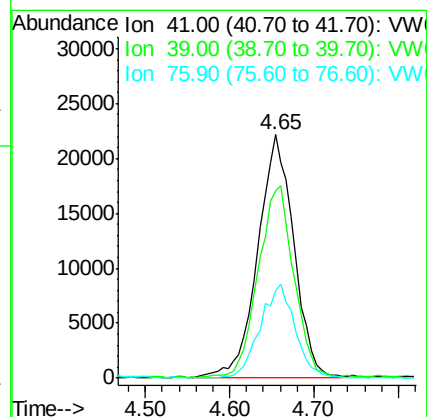
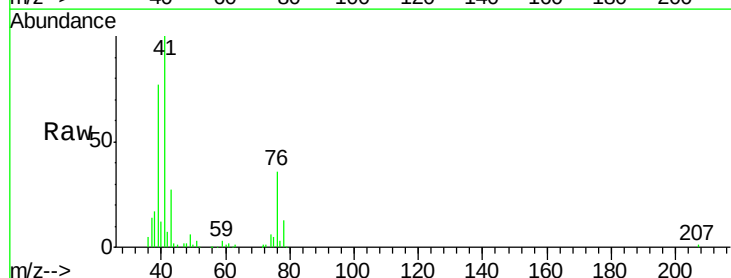
Tgt Ion: 41 Resp: 65037

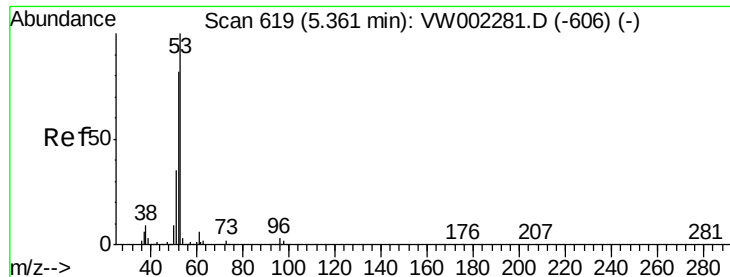
Ion Ratio Lower Upper

41 100

39 77.3 61.7 92.5

76 37.5 29.8 44.6





#15

Acrylonitrile

Concen: 81.45 ug/l

RT: 5.36 min Scan# 619

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

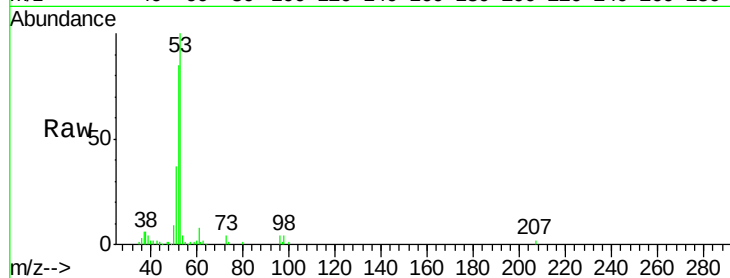
Tot Ion: 53 Resp: 44544

Ion Ratio Lower Upper

53 100

52 82.2 67.9 101.9

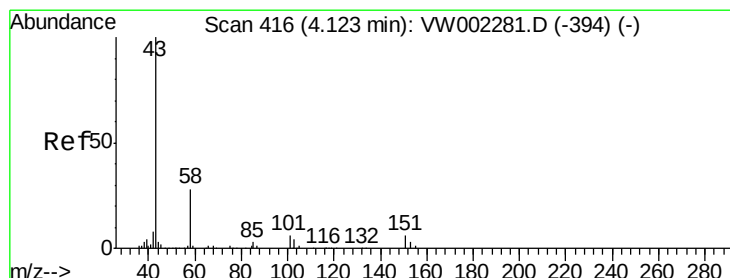
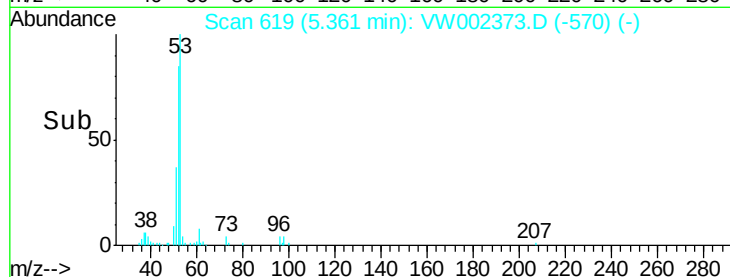
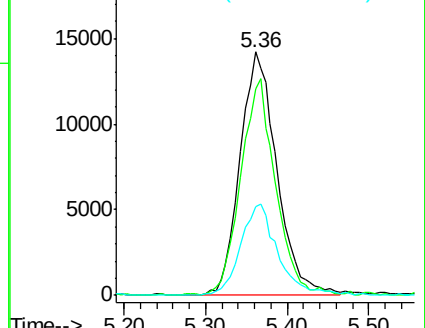
51 37.9 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 116.58 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW002373.D

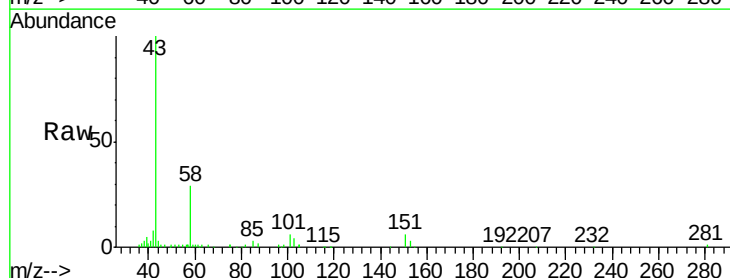
Acq: 10 May 2018 12:12

Tgt Ion: 43 Resp: 58259

Ion Ratio Lower Upper

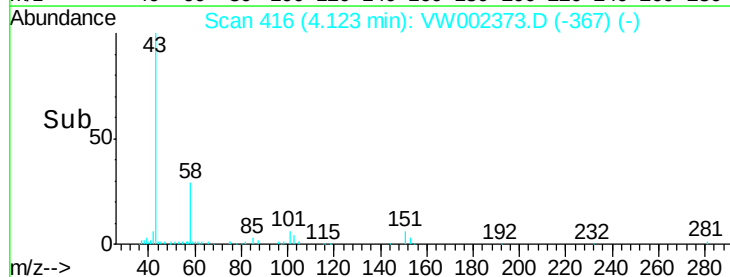
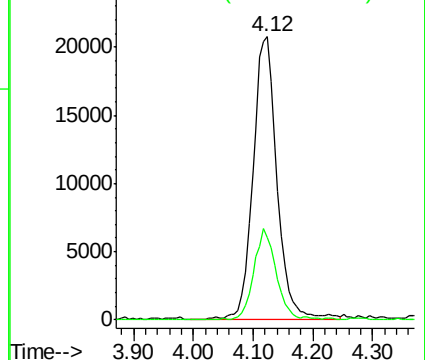
43 100

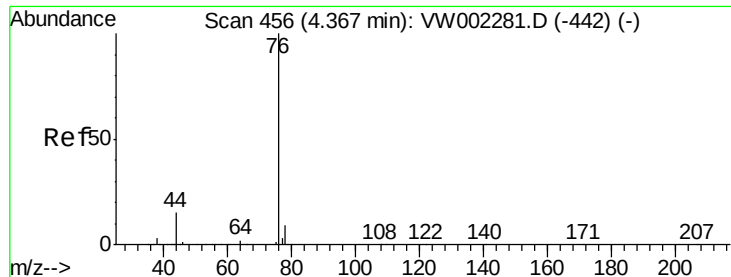
58 29.0 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

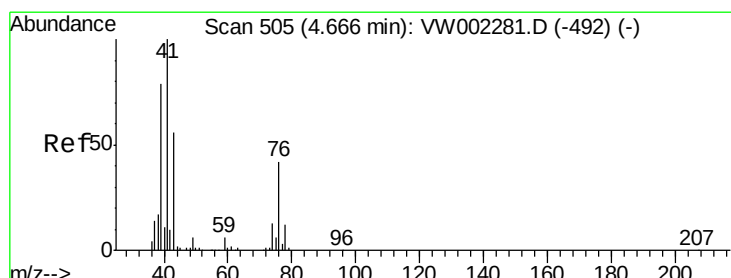
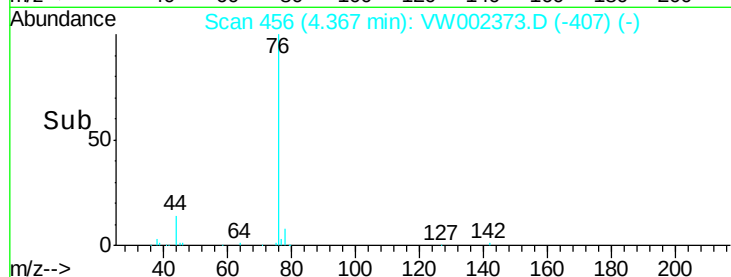
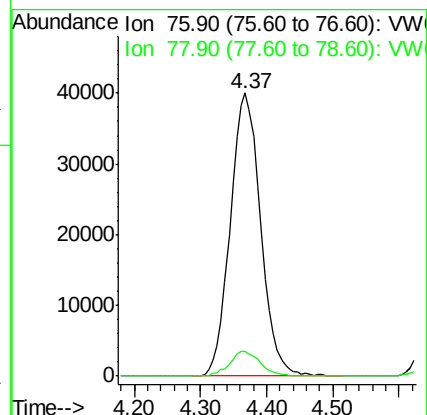
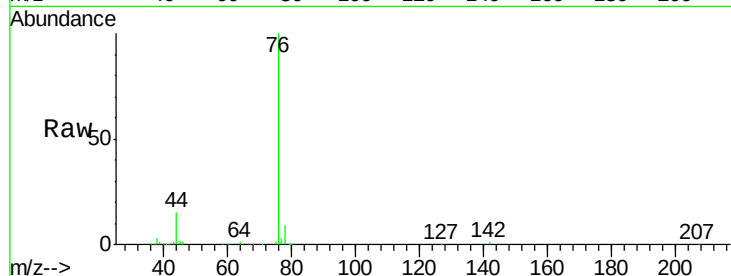




#17
Carbon Disulfide
Concen: 20.06 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

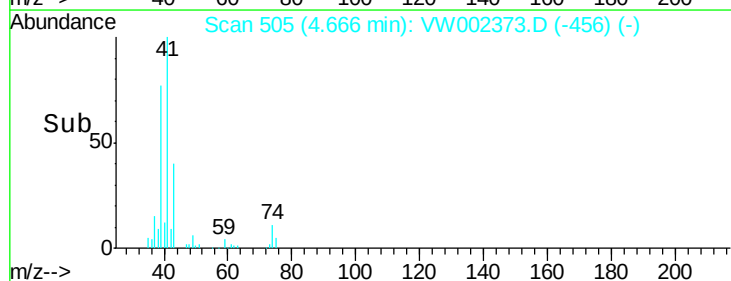
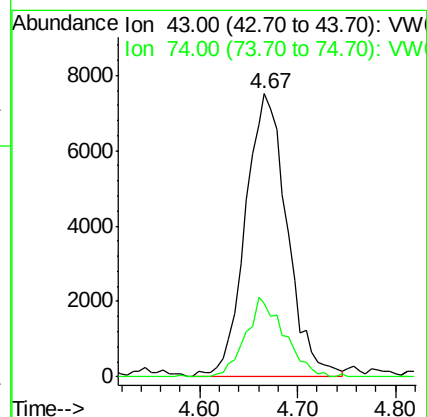
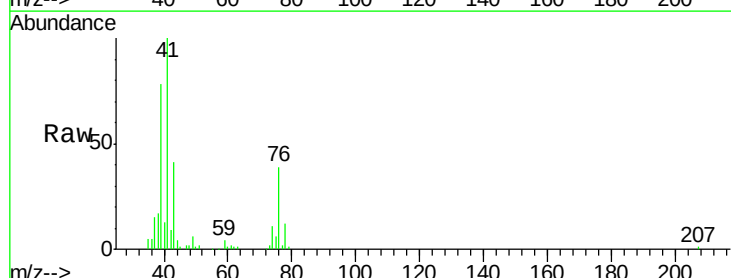
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

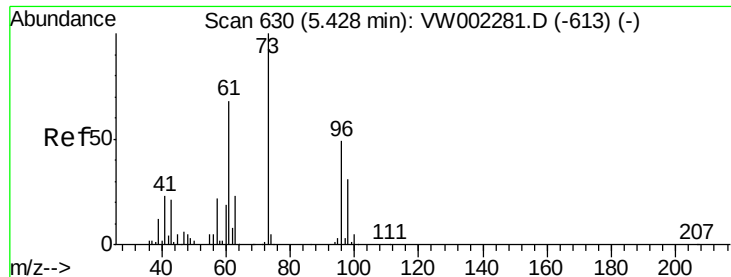
Tot Ion: 76 Resp: 127219
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 14.89 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion: 43 Resp: 22324
Ion Ratio Lower Upper
43 100
74 26.0 19.4 29.2

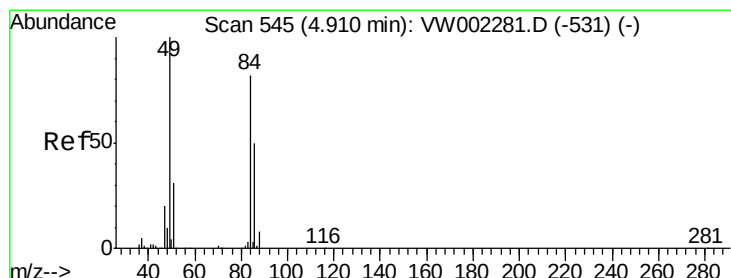
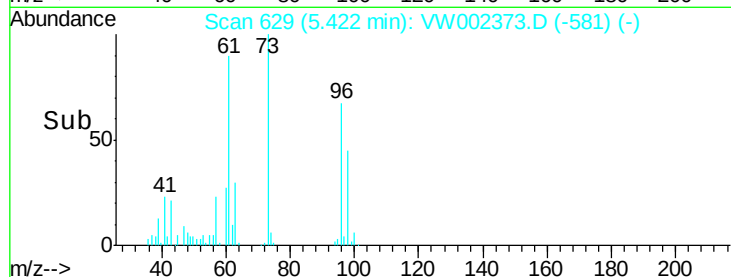
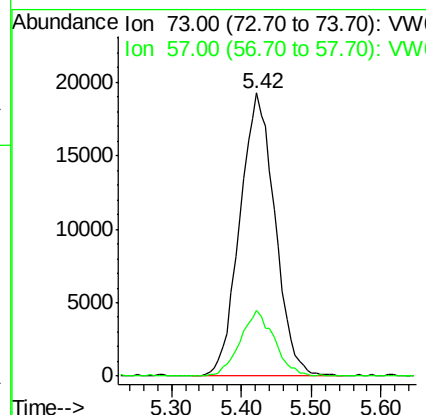
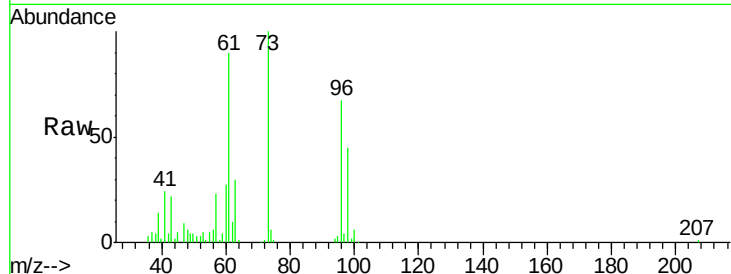




#19
Methyl tert-butyl Ether
Concen: 17.62 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

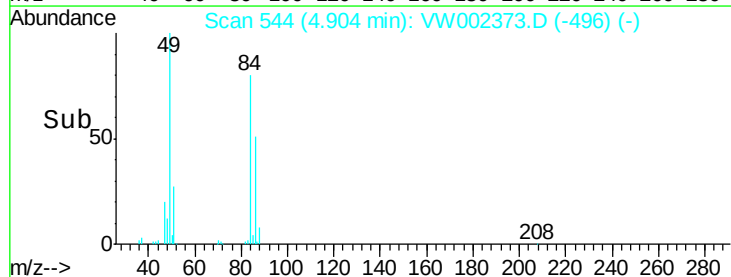
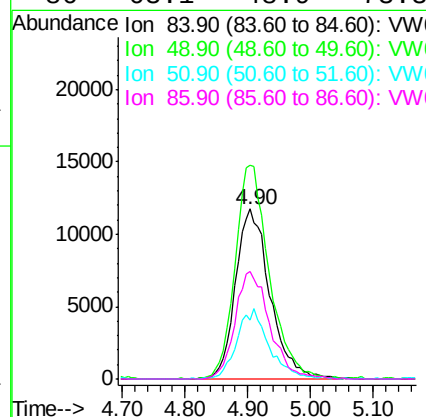
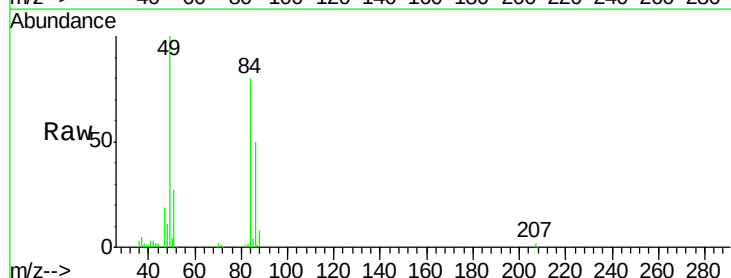
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

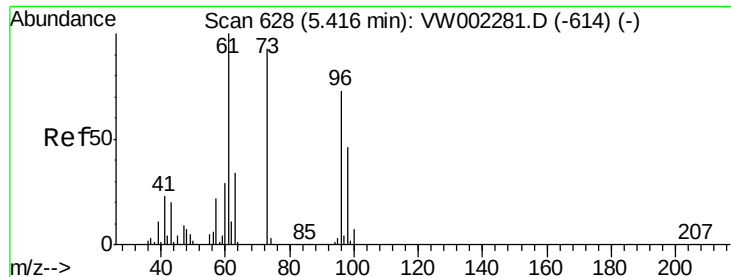
Tot Ion: 73 Resp: 67187
Ion Ratio Lower Upper
73 100
57 23.4 17.7 26.5



#20
Methylene Chloride
Concen: 18.49 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion: 84 Resp: 44541
Ion Ratio Lower Upper
84 100
49 125.7 97.7 146.5
51 34.4 30.2 45.4
86 63.1 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 19.75 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

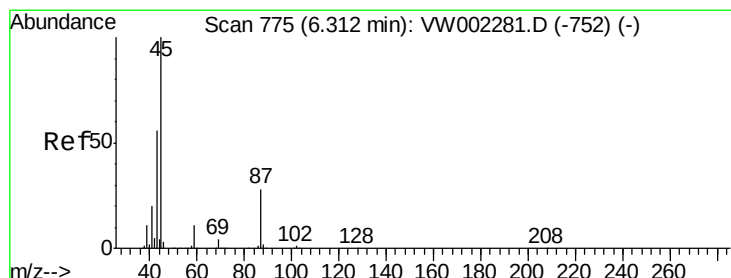
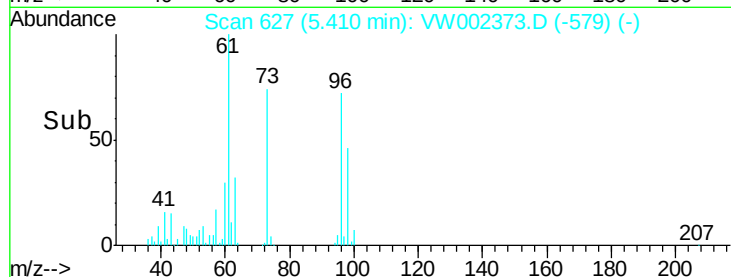
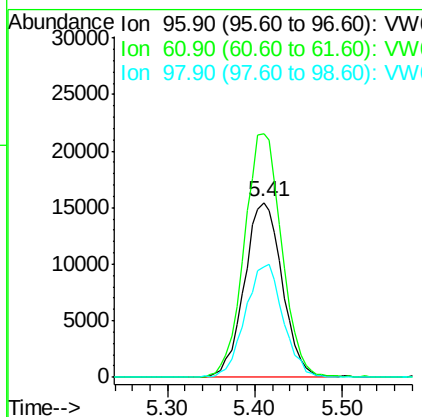
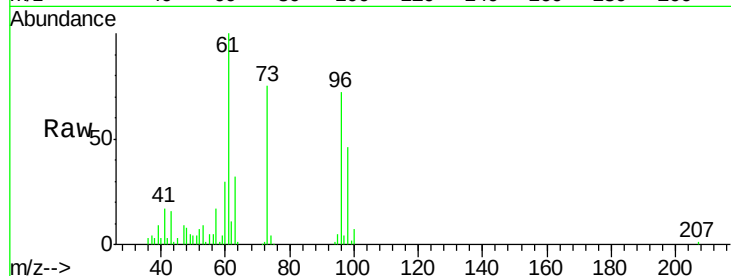
Tot Ion: 96 Resp: 46503

Ion Ratio Lower Upper

96 100

61 139.5 109.5 164.3

98 63.6 50.2 75.4



#22

Diisopropyl ether

Concen: 18.48 ug/l

RT: 6.31 min Scan# 774

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Tgt Ion: 45 Resp: 129808

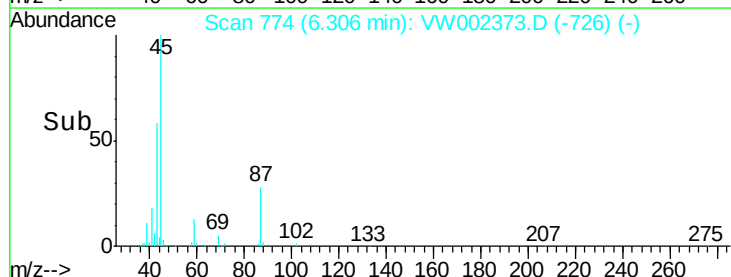
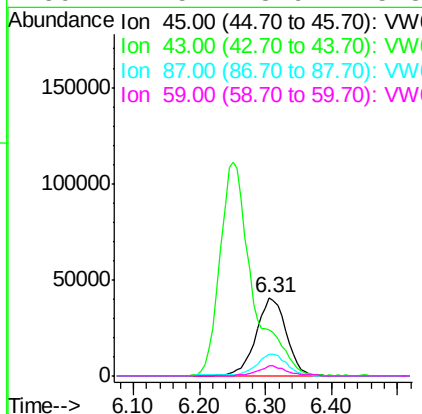
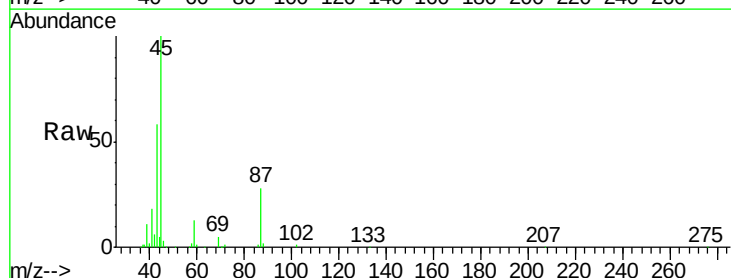
Ion Ratio Lower Upper

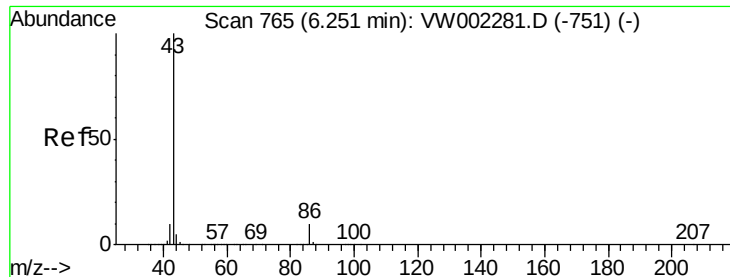
45 100

43 57.9 44.5 66.7

87 28.4 22.2 33.4

59 12.5 8.9 13.3





#23

Vinyl Acetate

Concen: 89.51 ug/l

RT: 6.25 min Scan# 765

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

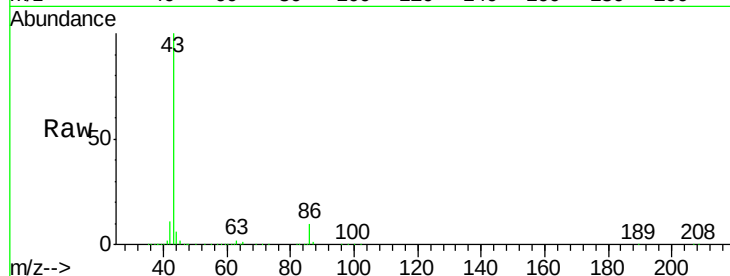
VW0510SBS02

Tot Ion: 43 Resp: 376563

Ion Ratio Lower Upper

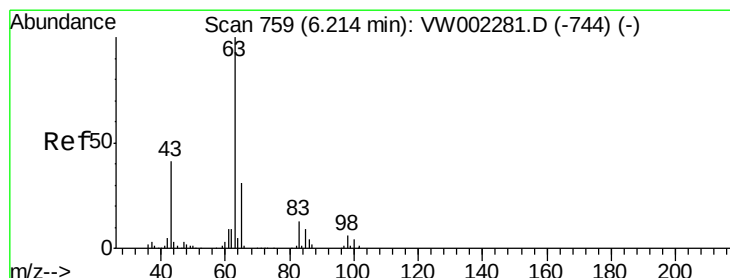
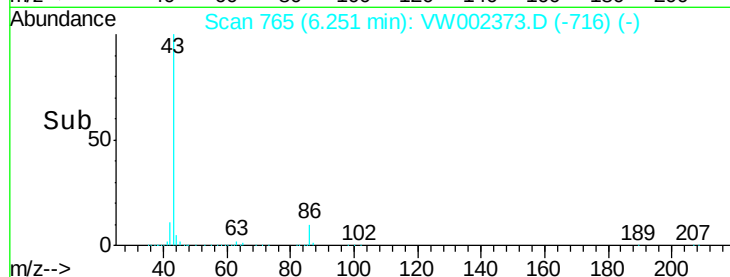
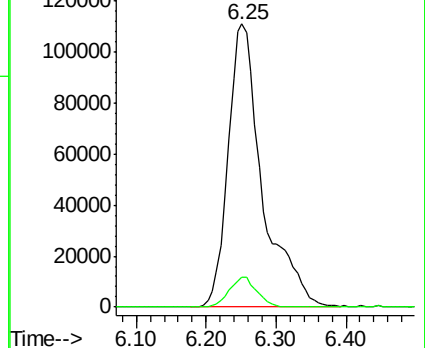
43 100

86 10.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.48 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

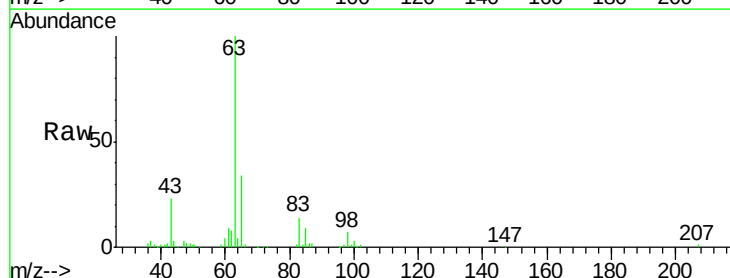
Tgt Ion: 63 Resp: 82971

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.7

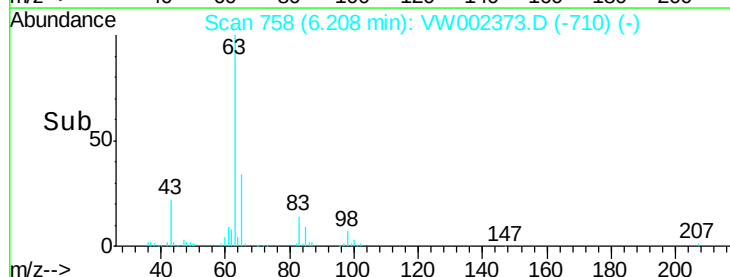
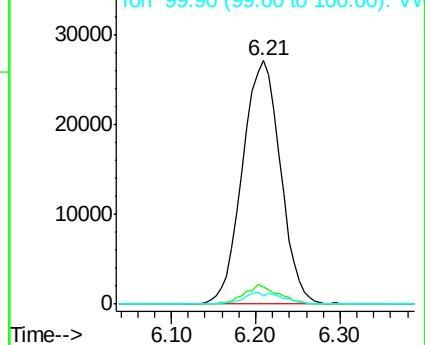
100 3.5 2.0 6.0

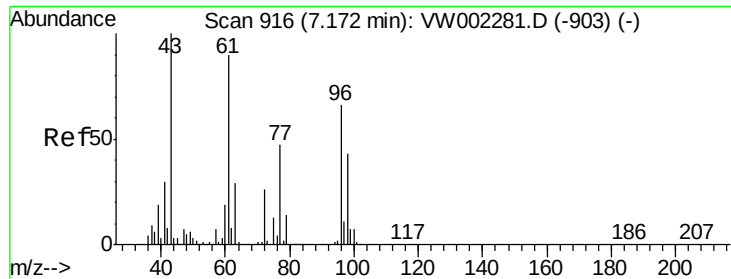


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 86.58 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

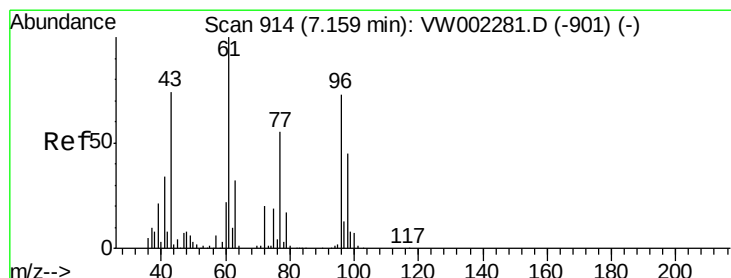
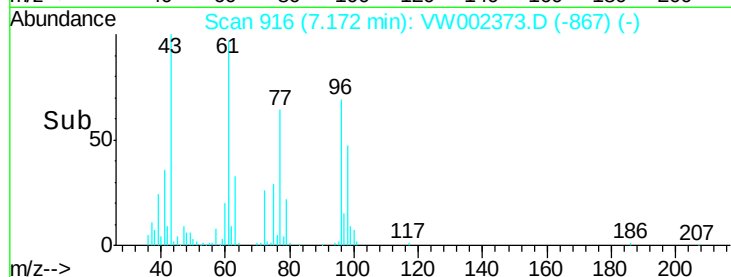
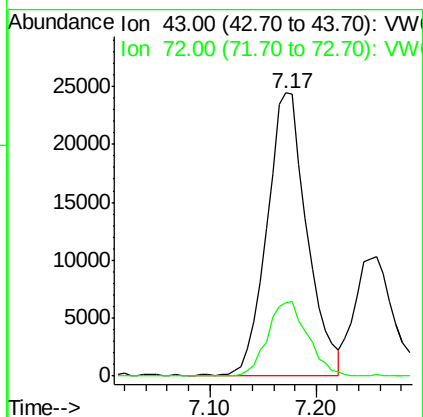
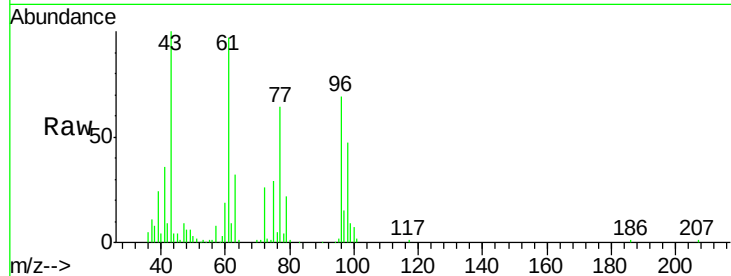
VW0510SBS02

Tot Ion: 43 Resp: 64244

Ion Ratio Lower Upper

43 100

72 26.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 23.84 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW002373.D

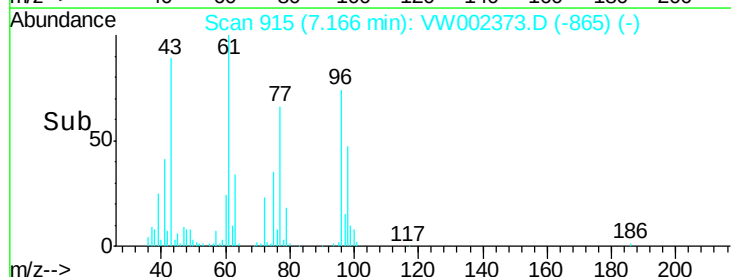
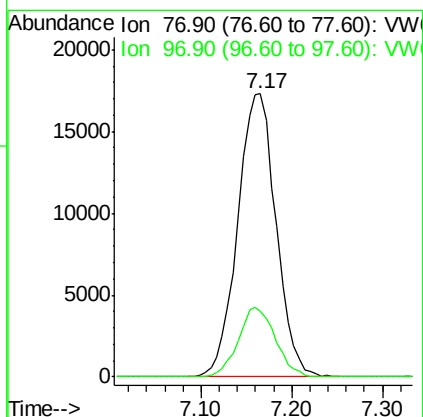
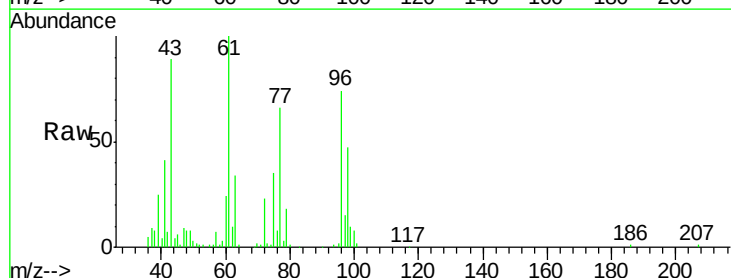
Acq: 10 May 2018 12:12

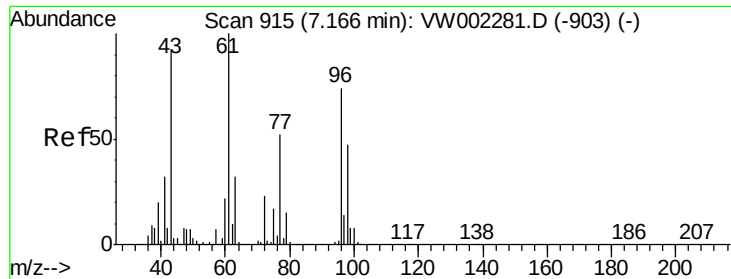
Tgt Ion: 77 Resp: 50616

Ion Ratio Lower Upper

77 100

97 23.6 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 19.23 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

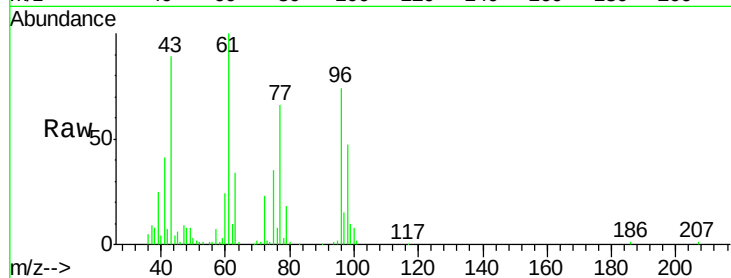
Tot Ion: 96 Resp: 51042

Ion Ratio Lower Upper

96 100

61 139.6 0.0 274.8

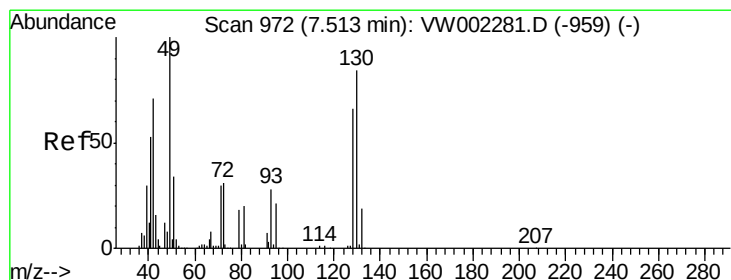
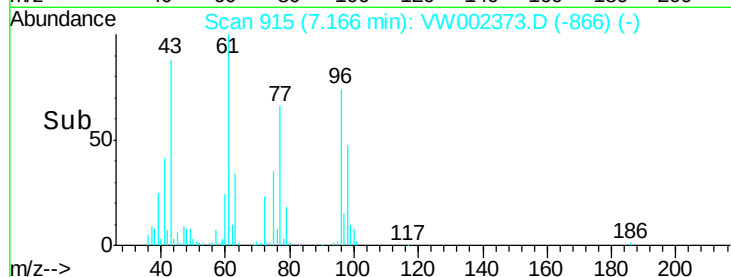
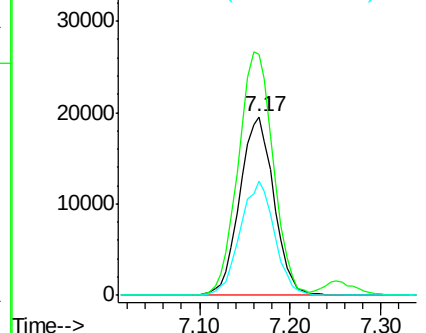
98 64.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 17.99 ug/l

RT: 7.50 min Scan# 970

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

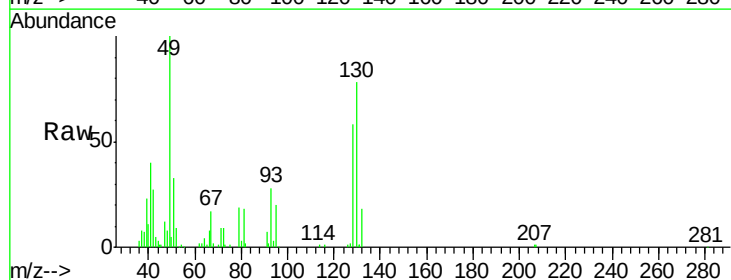
Tgt Ion: 49 Resp: 34669

Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.4

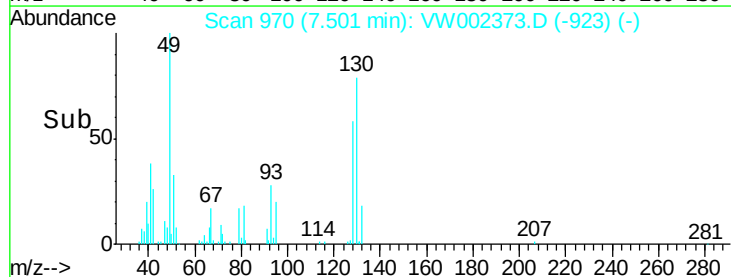
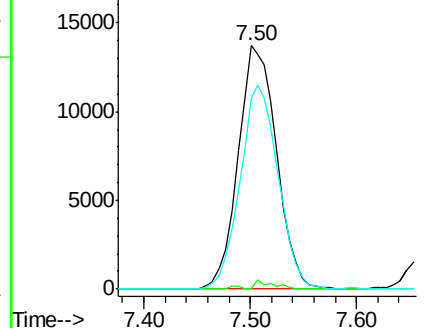
130 83.2 65.5 98.3

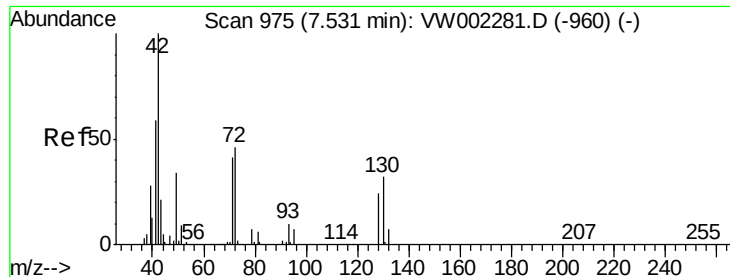


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 77.19 ug/l

RT: 7.53 min Scan# 974

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

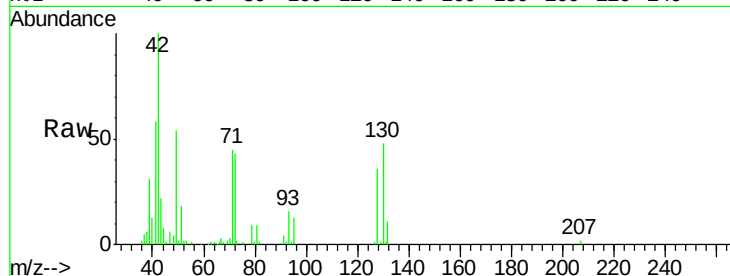
Tot Ion: 42 Resp: 37567

Ion Ratio Lower Upper

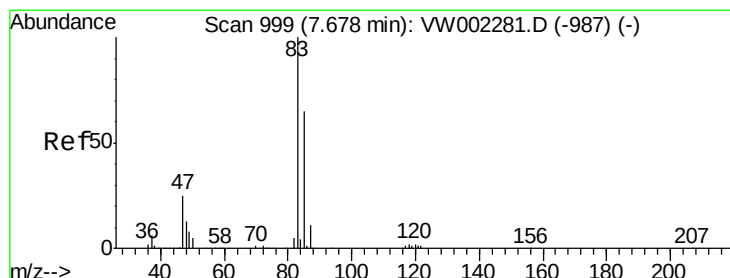
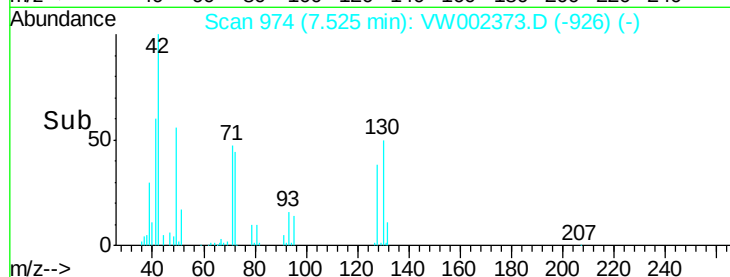
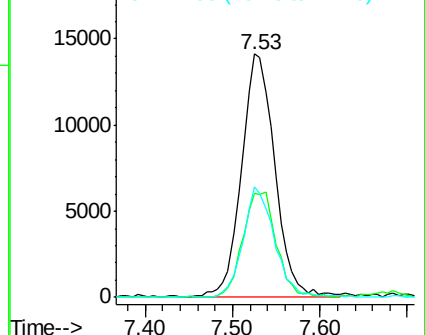
42 100

72 43.5 34.5 51.7

71 42.5 33.0 49.6



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



#30

Chloroform

Concen: 19.30 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002373.D

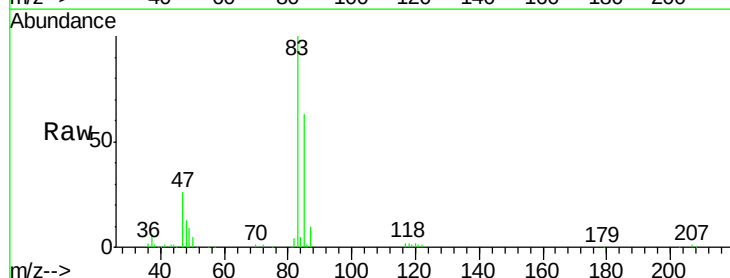
Acq: 10 May 2018 12:12

Tgt Ion: 83 Resp: 86073

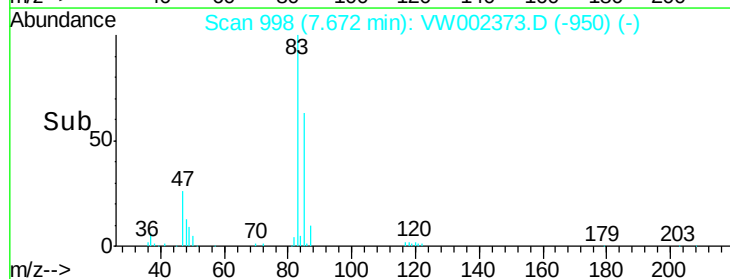
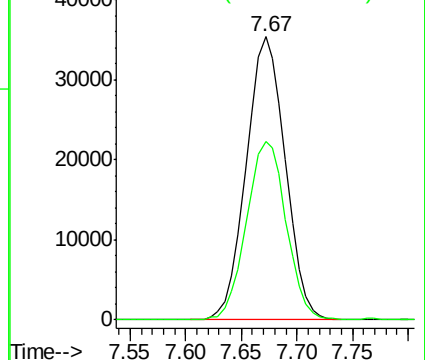
Ion Ratio Lower Upper

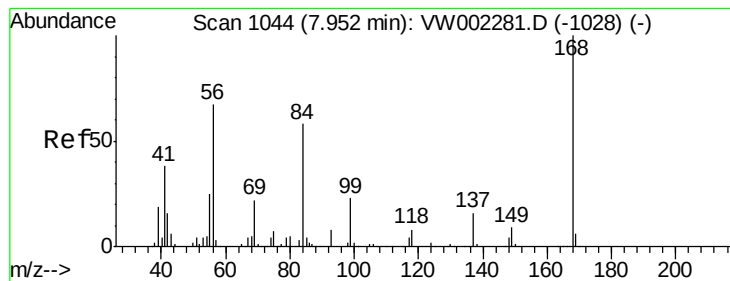
83 100

85 63.1 51.8 77.6



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





#31

Cyclohexane

Concen: 20.07 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

VW0510SBS02

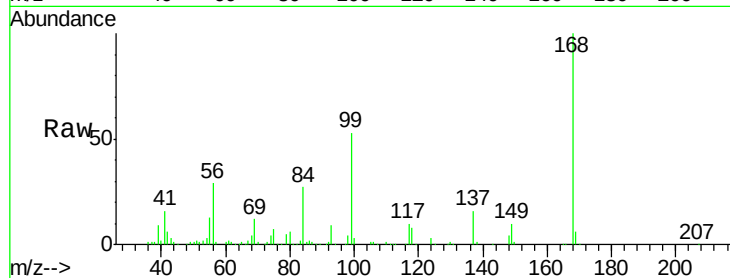
Tot Ion: 56 Resp: 76307

Ion Ratio Lower Upper

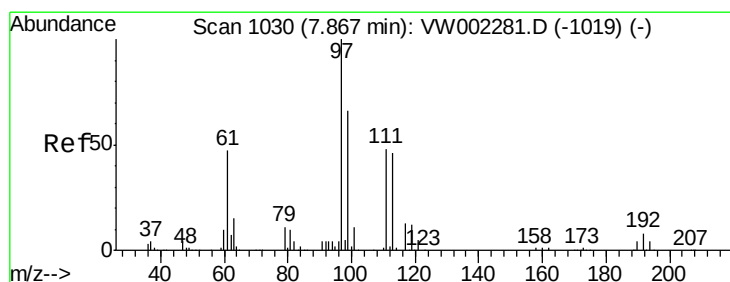
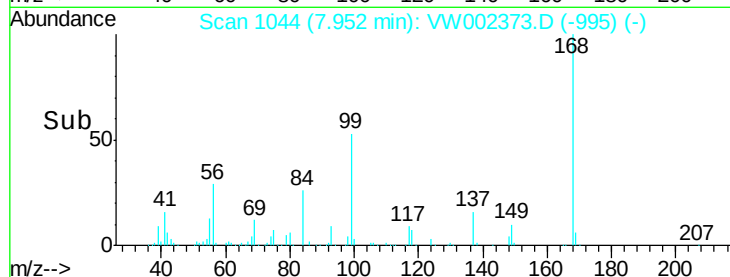
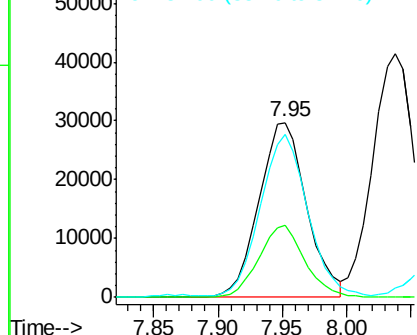
56 100

69 41.3 26.2 39.4#

84 92.2 69.2 103.8



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: 20.66 ug/l

RT: 7.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

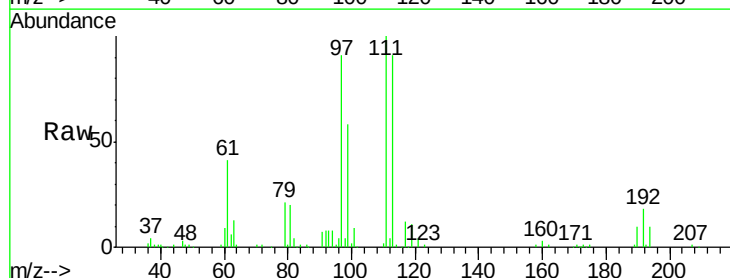
Tgt Ion: 97 Resp: 69264

Ion Ratio Lower Upper

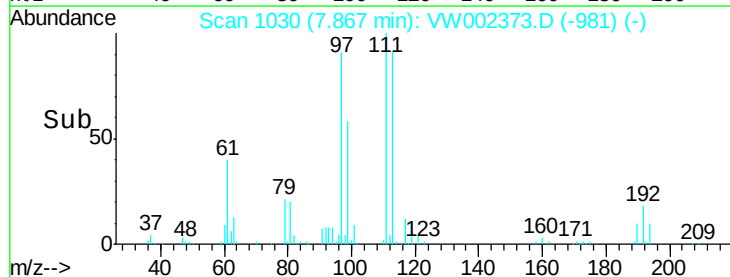
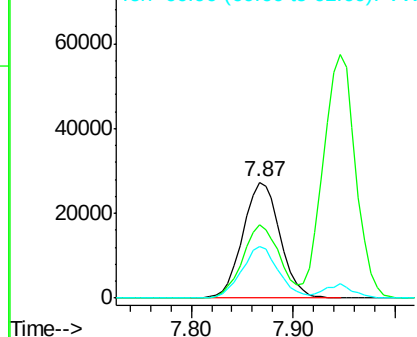
97 100

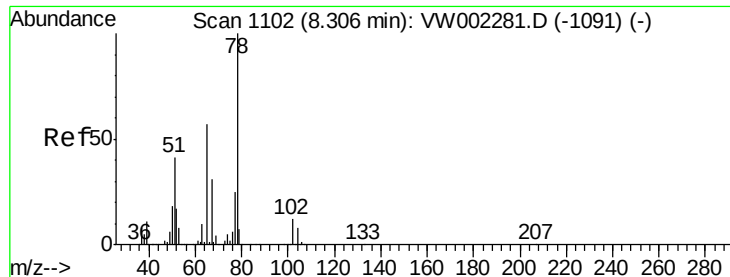
99 62.4 52.6 79.0

61 43.8 35.6 53.4



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: 43.82 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

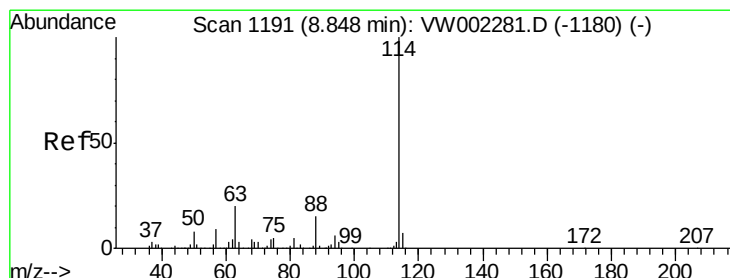
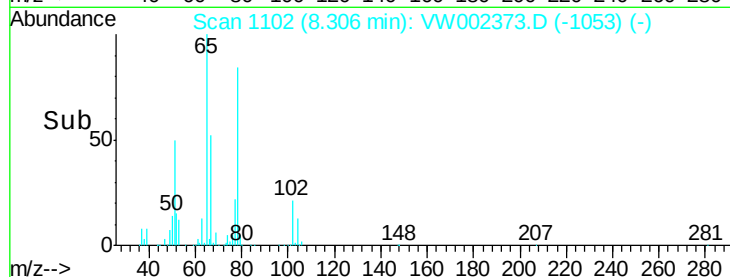
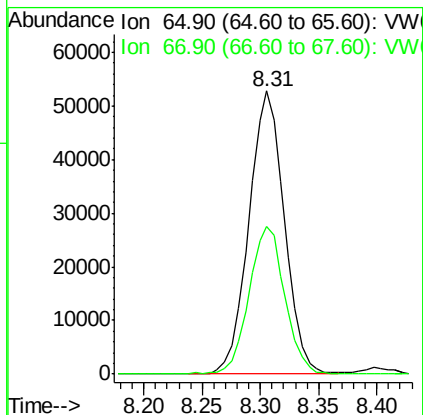
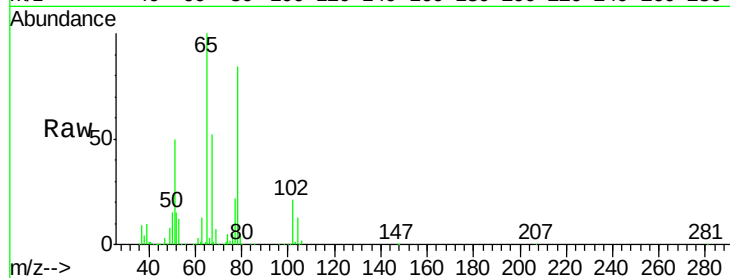
VW0510SBS02

Tot Ion: 65 Resp: 112133

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

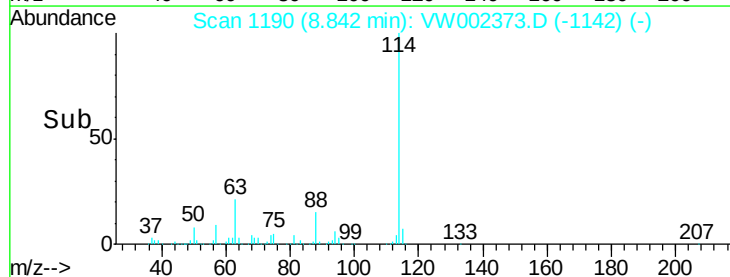
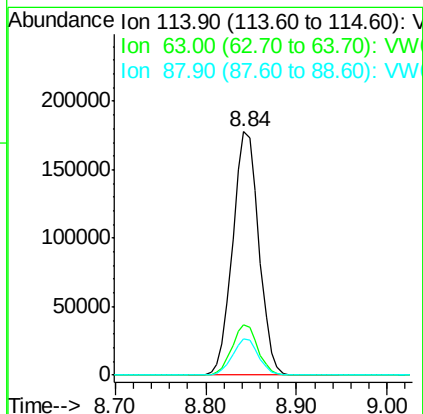
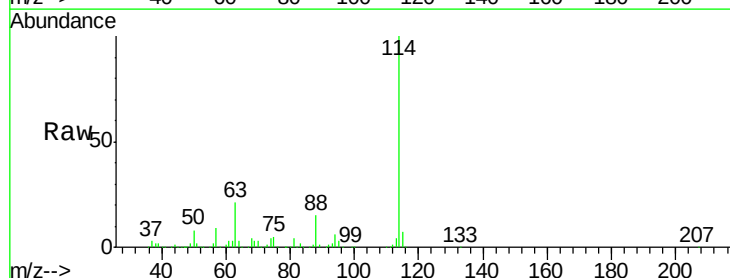
Tgt Ion: 114 Resp: 354705

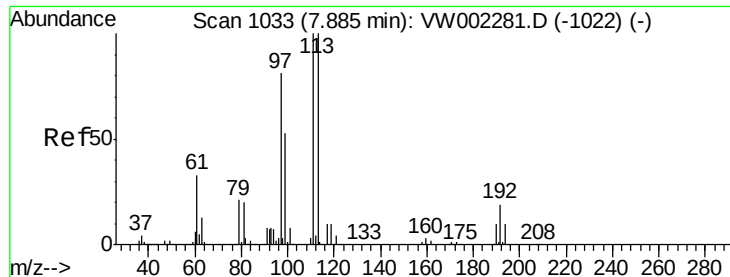
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

88 15.1 0.0 29.6

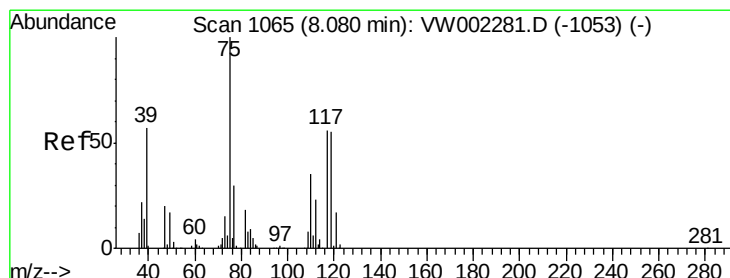
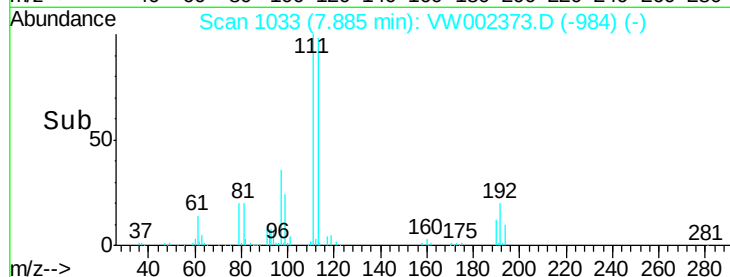
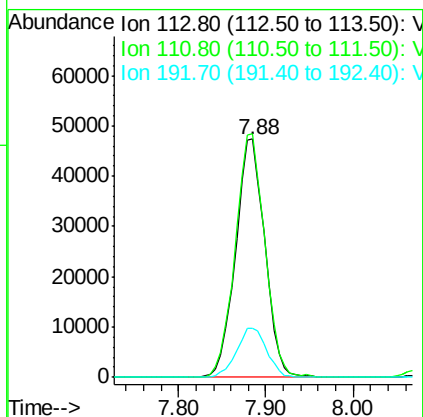
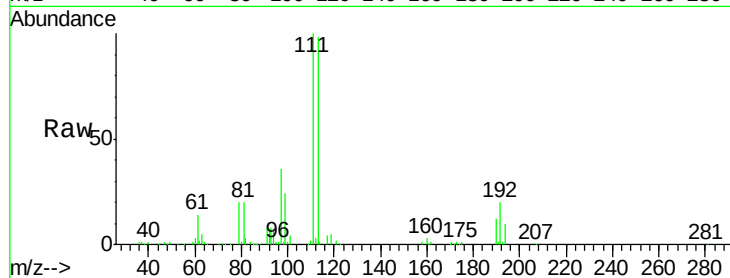




#35
 Dibromofluoromethane
 Concen: 48.51 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

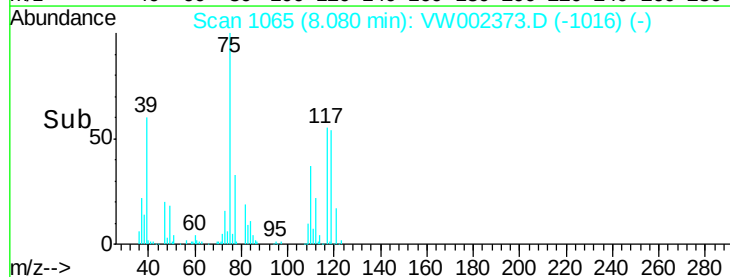
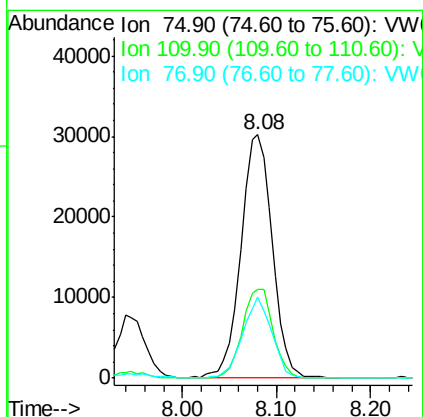
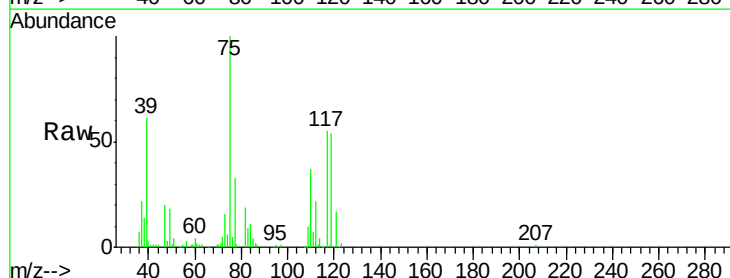
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

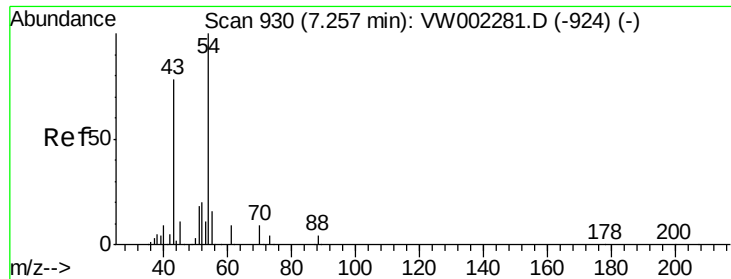
Tot Ion:113 Resp: 110292
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 21.3 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 21.62 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion: 75 Resp: 69344
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.1 54.1
 77 31.3 24.5 36.7

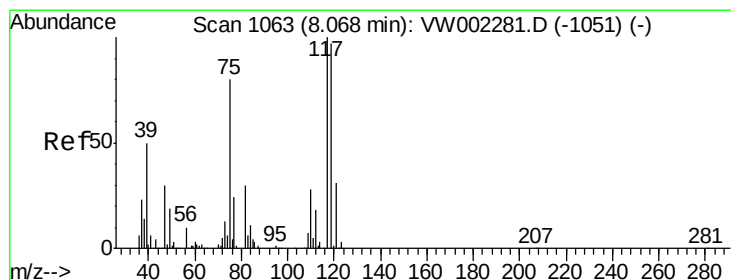
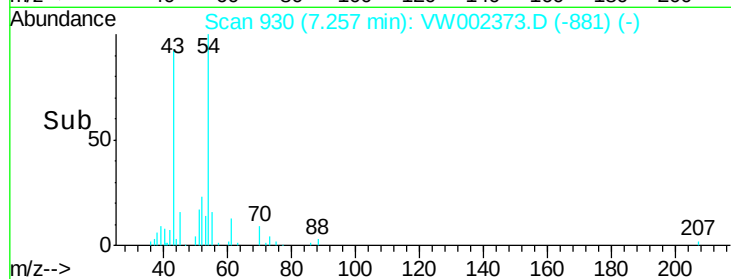
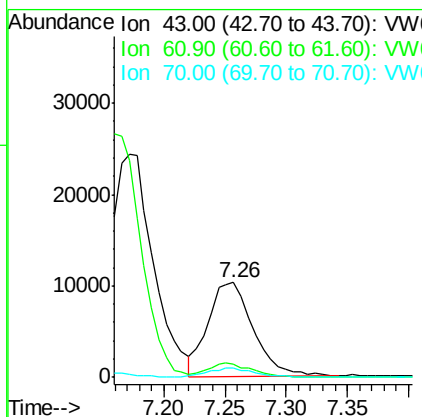
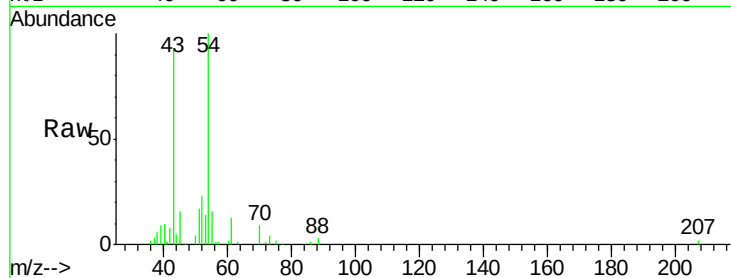




#37
Ethyl Acetate
Concen: 16.78 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

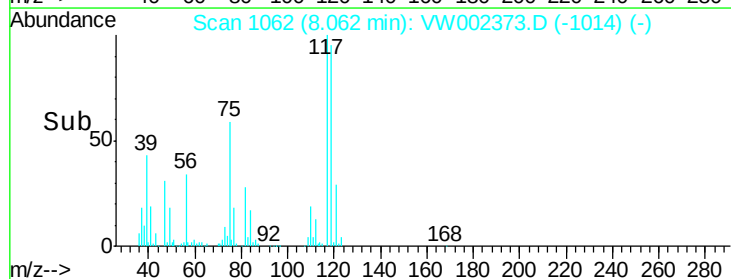
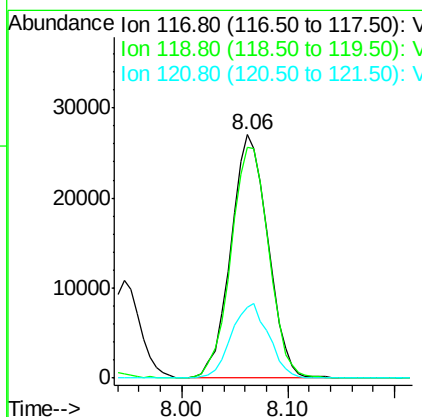
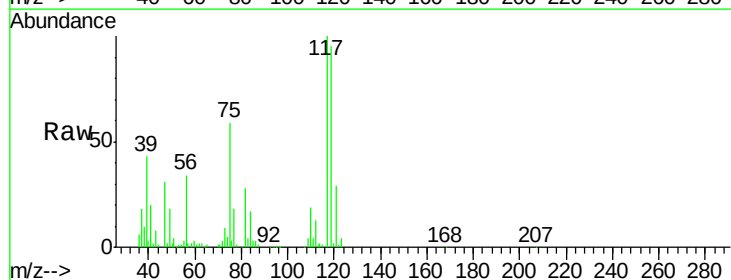
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

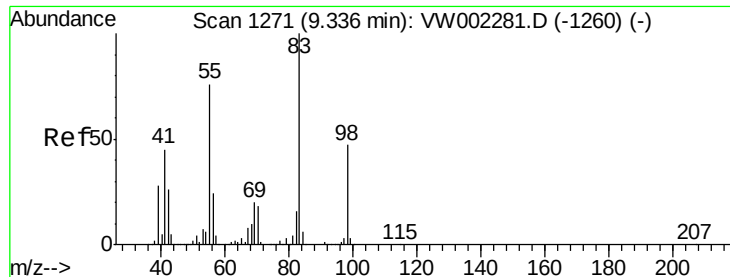
Tot Ion	43	Resp	26235
Ion Ratio	Lower	Upper	
43	100		
61	15.5	11.1	16.7
70	10.2	7.9	11.9



#38
Carbon Tetrachloride
Concen: 21.28 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion	117	Resp	66021
Ion Ratio	Lower	Upper	
117	100		
119	94.7	77.5	116.3
121	28.9	24.4	36.6

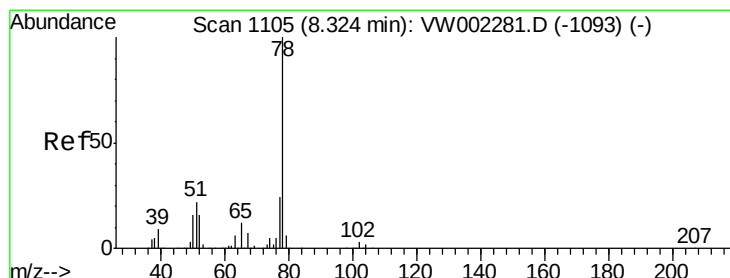
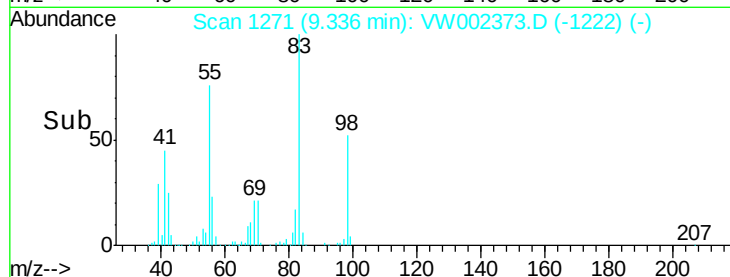
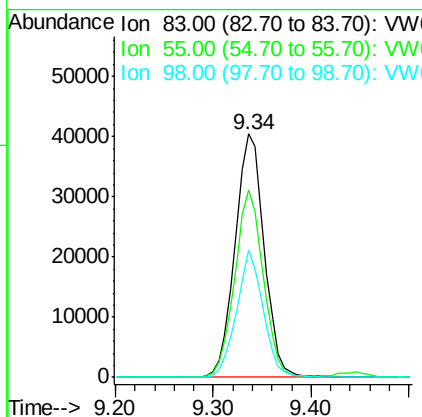
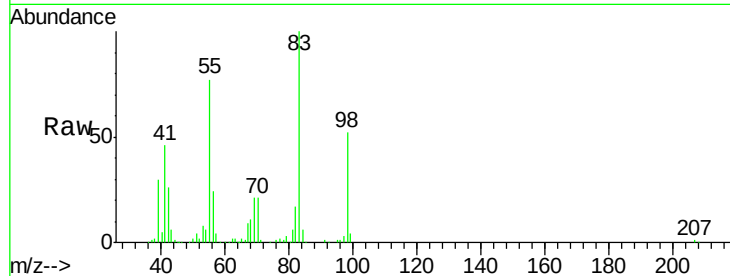




#39
Methylvlcyclohexane
Concen: 22.29 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

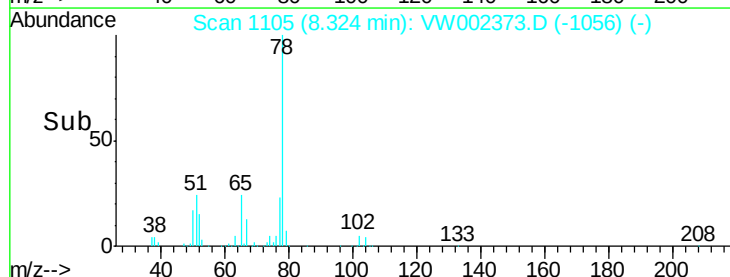
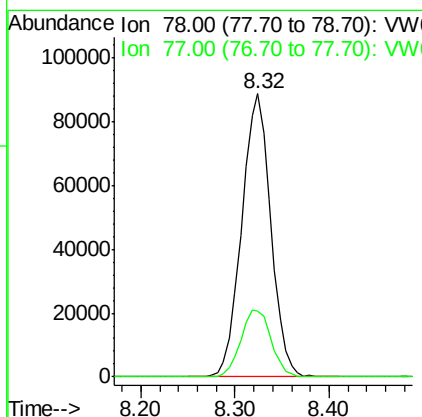
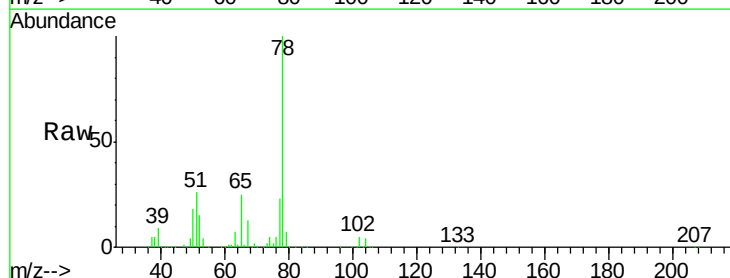
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

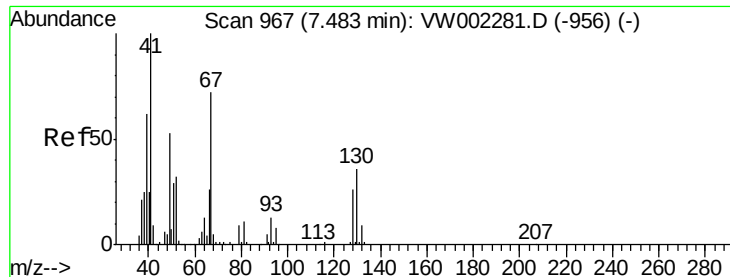
Tot Ion: 83 Resp: 83447
Ion Ratio Lower Upper
83 100
55 77.0 60.6 91.0
98 52.1 37.4 56.0



#40
Benzene
Concen: 20.41 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion: 78 Resp: 191411
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

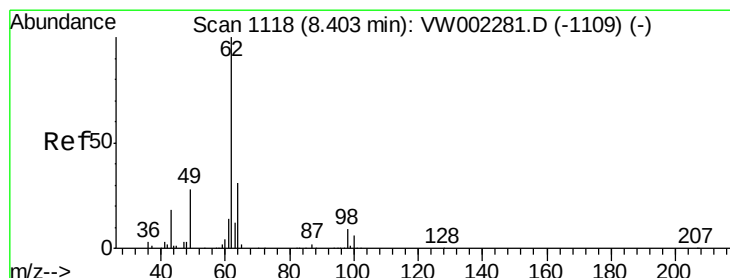
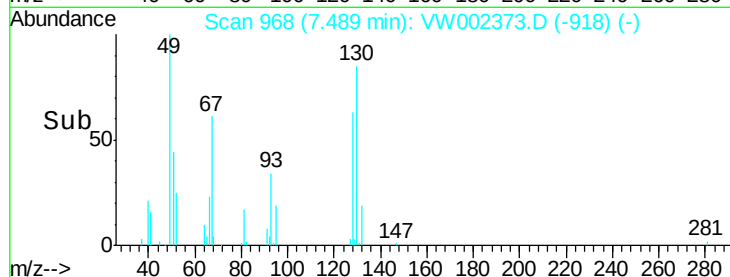
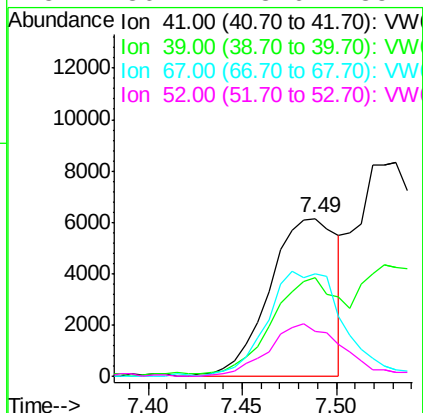
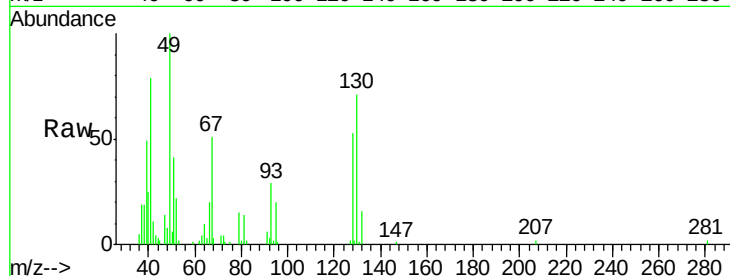




#41
Methacrylonitrile
Concen: 17.09 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

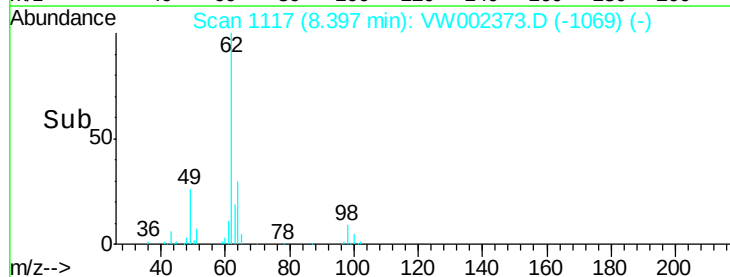
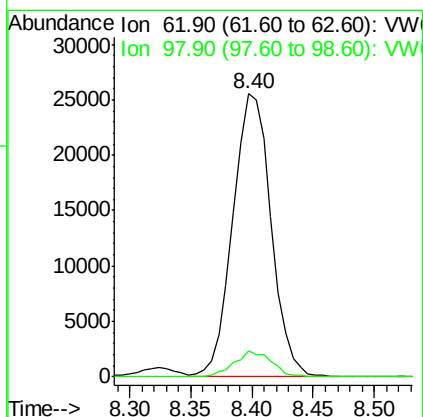
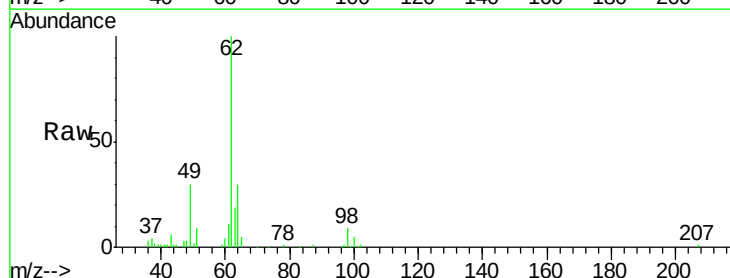
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

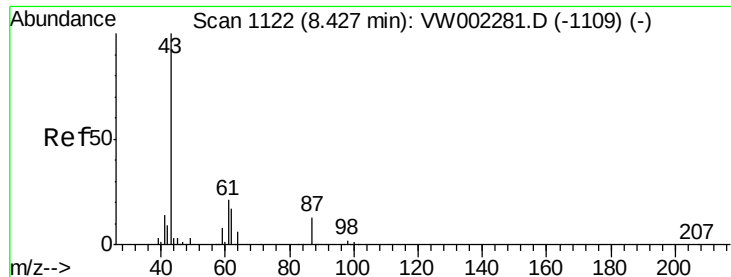
Tot Ion: 41 Resp: 15310
Ion Ratio Lower Upper
41 100
39 63.3 40.2 60.4#
67 74.1 54.7 82.1
52 36.7 23.6 35.4#



#42
1,2-Dichloroethane
Concen: 18.98 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion: 62 Resp: 55494
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4





#43

Isopropyl Acetate

Concen: 16.89 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

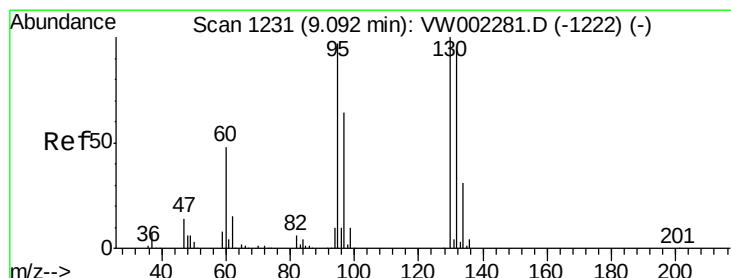
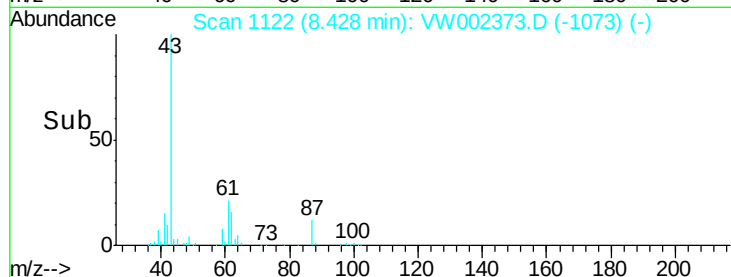
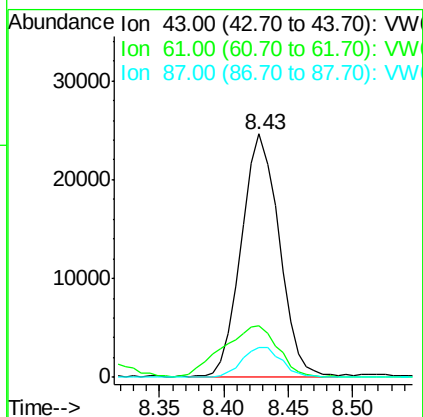
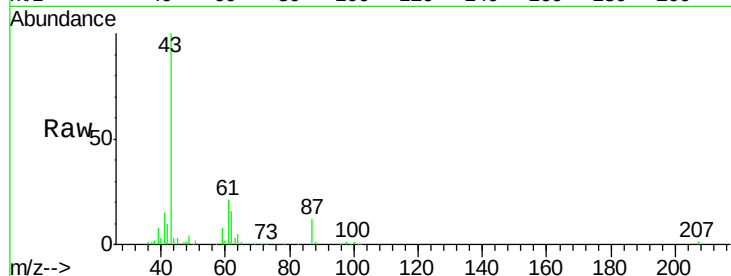
Tot Ion: 43 Resp: 50081

Ion Ratio Lower Upper

43 100

61 31.5 23.7 35.5

87 12.9 10.7 16.1



#44

Trichloroethene

Concen: 20.81 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW002373.D

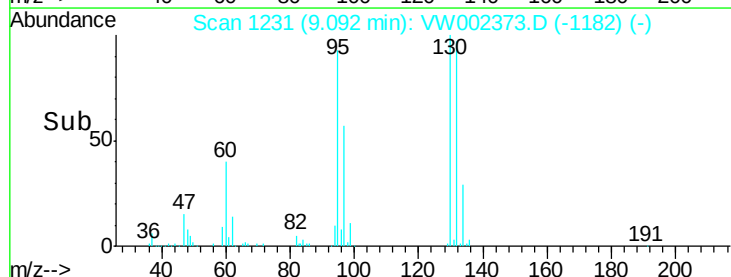
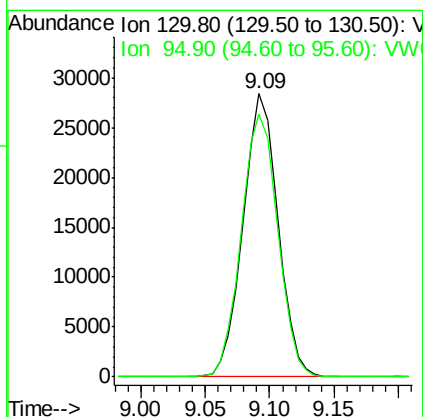
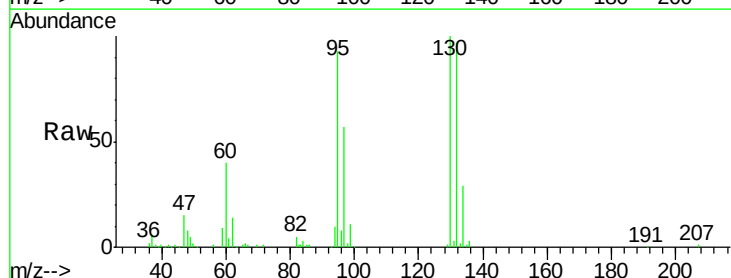
Acq: 10 May 2018 12:12

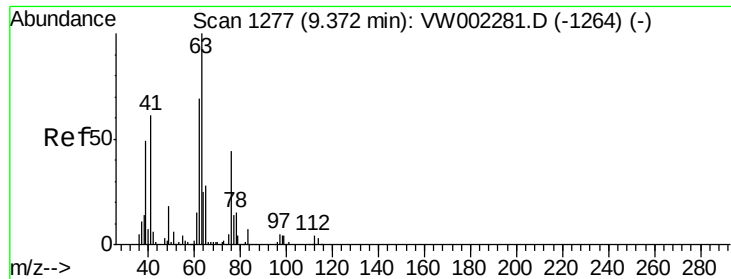
Tgt Ion: 130 Resp: 53202

Ion Ratio Lower Upper

130 100

95 93.0 0.0 193.4

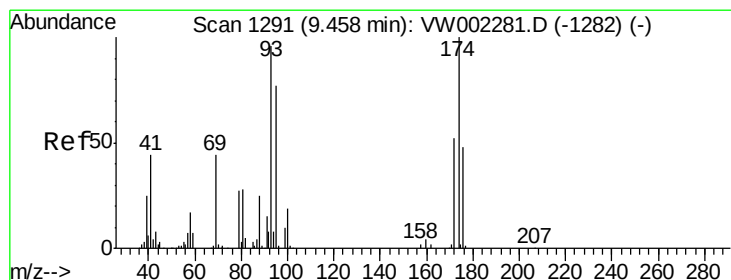
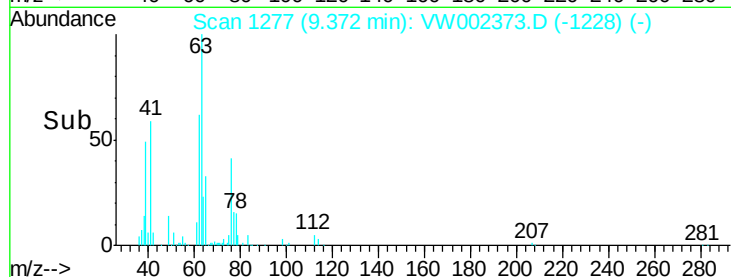
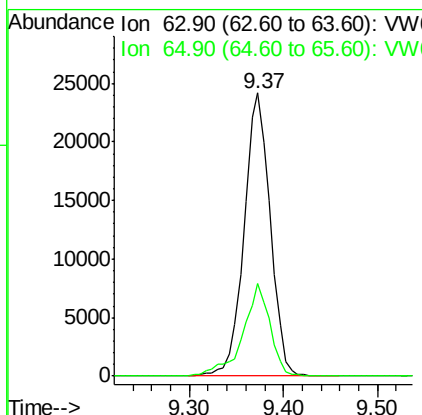
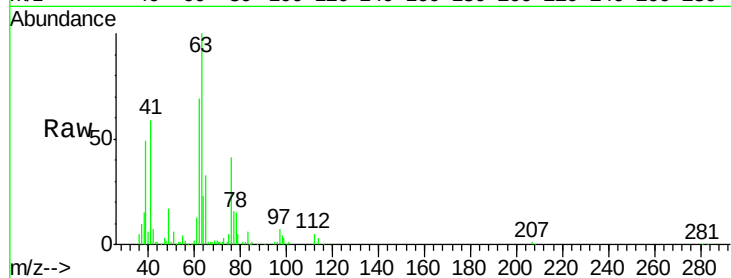




#45
 1,2-Dichloropropane
 Concen: 20.01 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

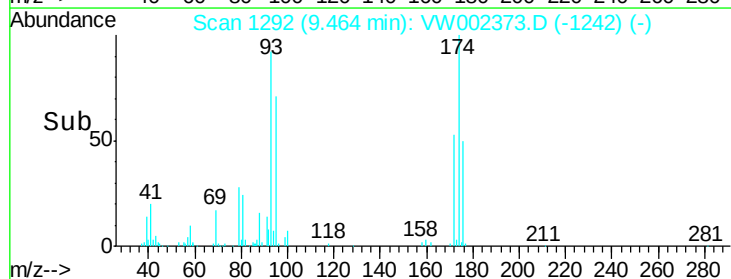
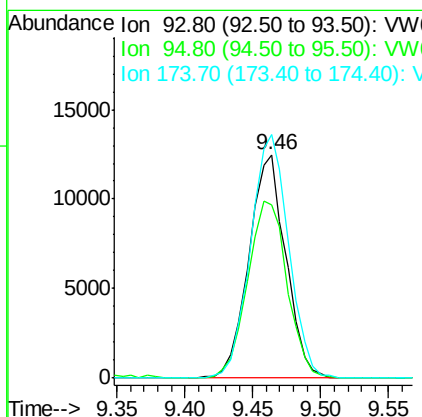
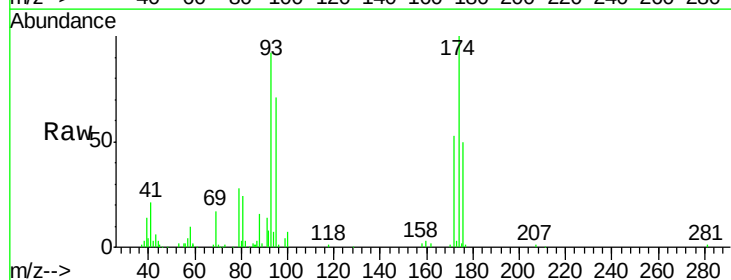
Instrument :
 MSVOA_W
 ClientSampled :
 VW0510SBS02

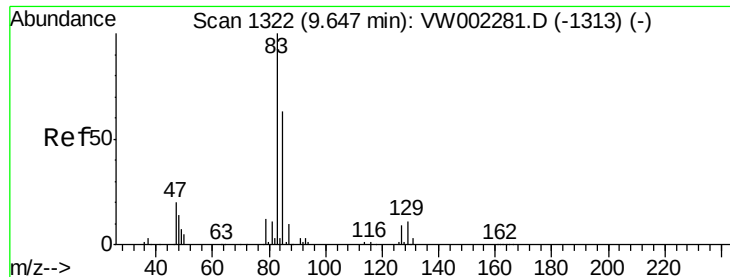
Tot Ion: 63 Resp: 47004
 Ion Ratio Lower Upper
 63 100
 65 33.0 22.9 34.3



#46
 Dibromomethane
 Concen: 18.09 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion: 93 Resp: 23754
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.4 99.6
 174 112.5 86.8 130.2





#47

Bromodichloromethane

Concen: 19.66 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

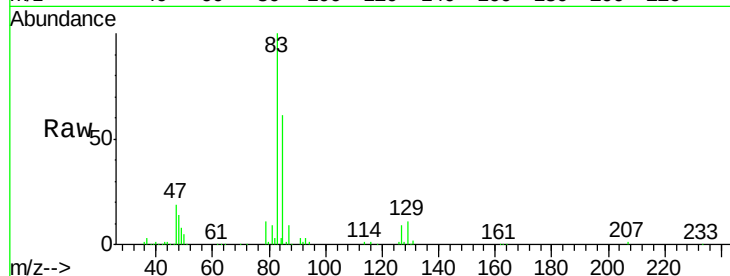
Tot Ion: 83 Resp: 60932

Ion Ratio Lower Upper

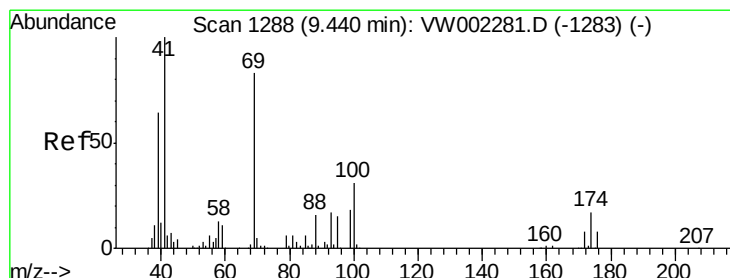
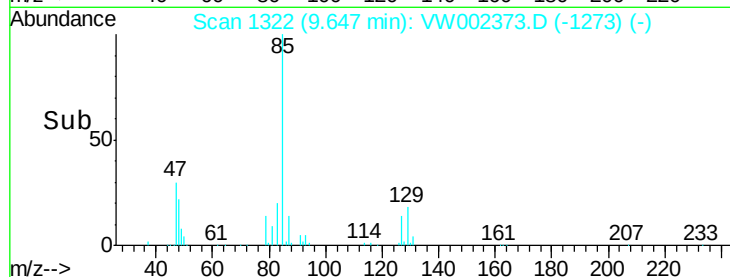
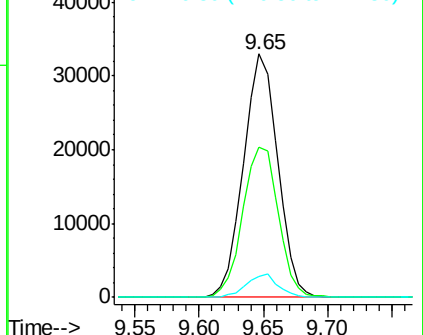
83 100

85 61.4 50.2 75.2

127 8.5 6.9 10.3



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



#48

Methyl methacrylate

Concen: 16.21 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

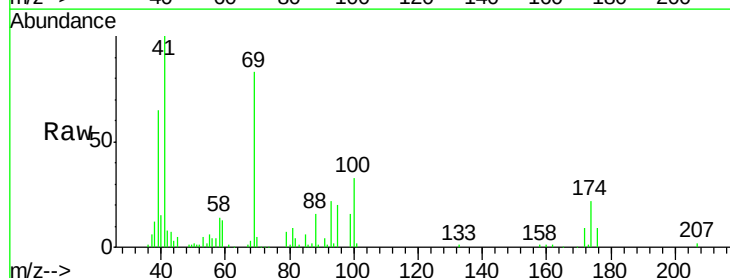
Tgt Ion: 41 Resp: 23343

Ion Ratio Lower Upper

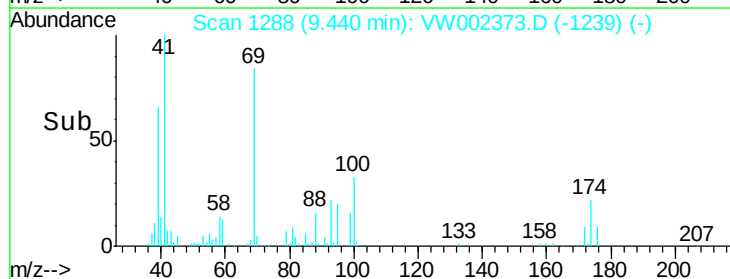
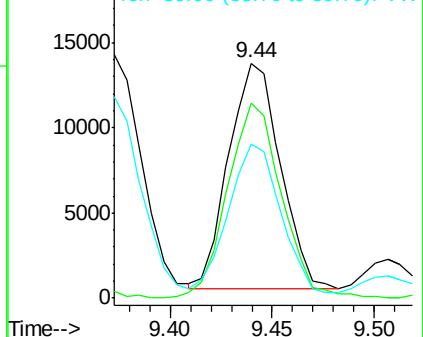
41 100

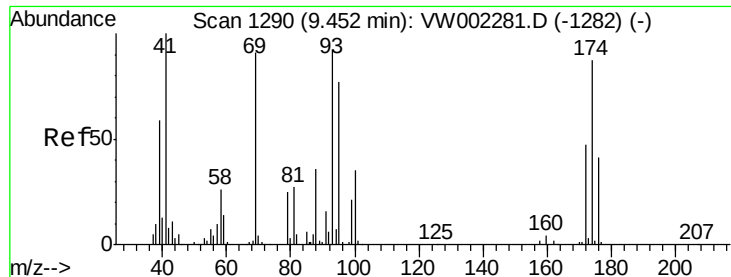
69 90.2 69.9 104.9

39 65.8 54.0 81.0



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





#49

1,4-Dioxane

Concen: 353.13 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

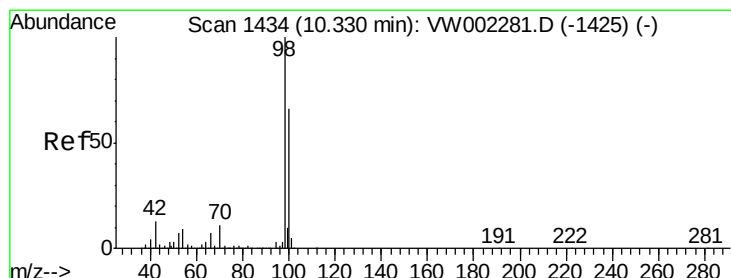
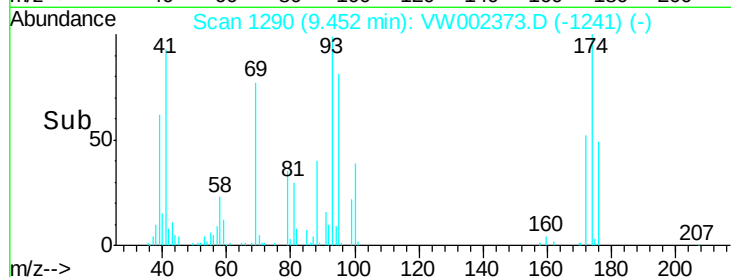
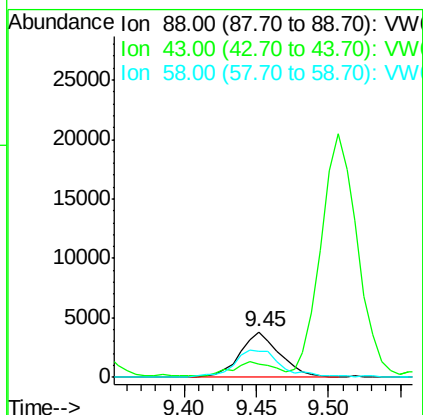
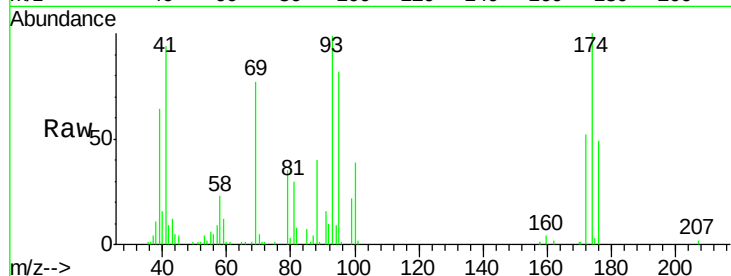
Tot Ion: 88 Resp: 7367

Ion Ratio Lower Upper

88 100

43 32.0 26.3 39.5

58 70.9 56.0 84.0



#50

Toluene-d8

Concen: 50.89 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002373.D

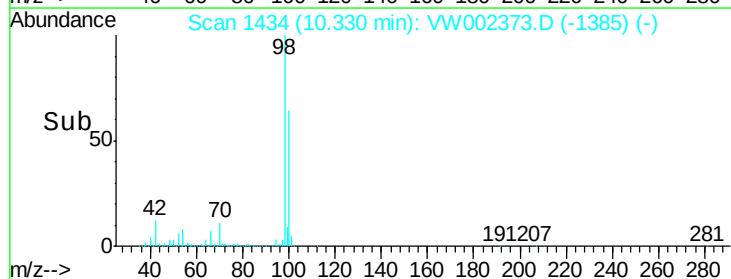
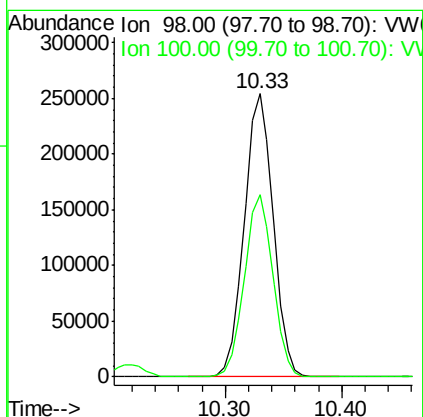
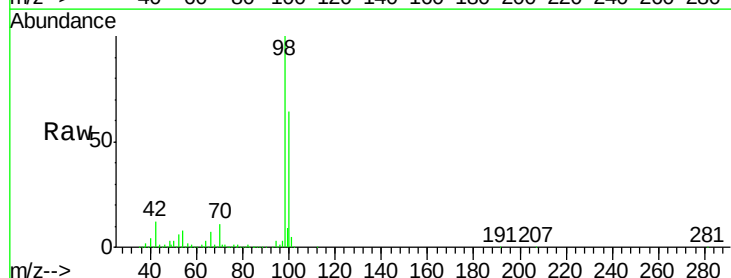
Acq: 10 May 2018 12:12

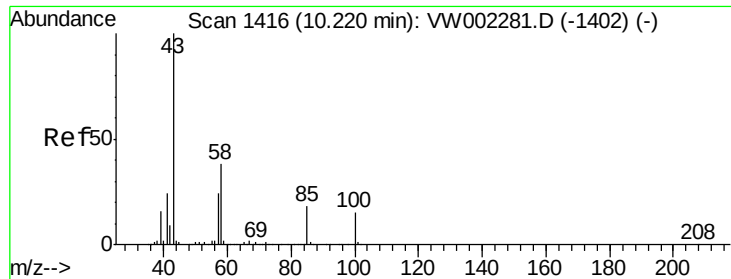
Tgt Ion: 98 Resp: 441232

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 80.22 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

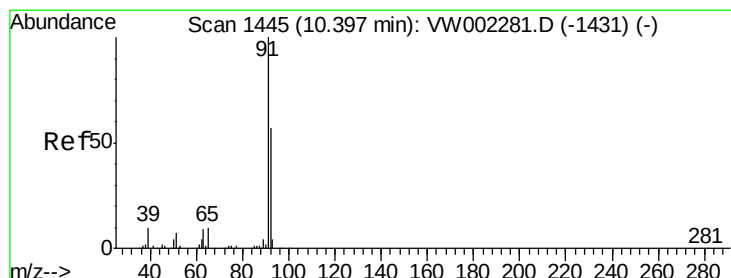
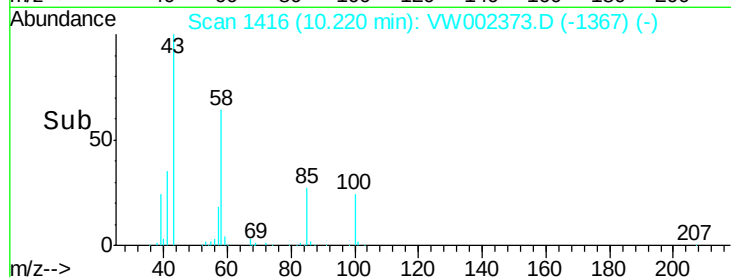
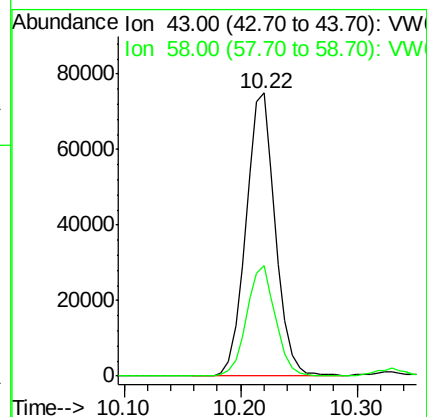
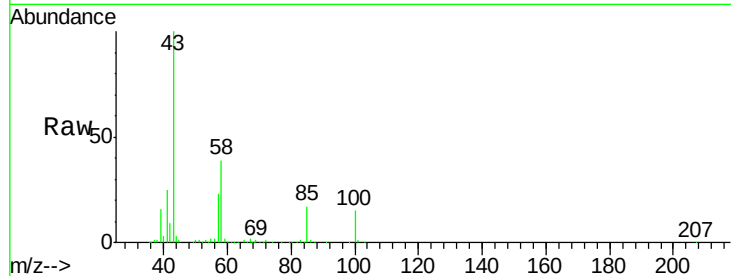
VW0510SBS02

Tot Ion: 43 Resp: 131241

Ion Ratio Lower Upper

43 100

58 38.3 30.2 45.2



#52

Toluene

Concen: 20.77 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW002373.D

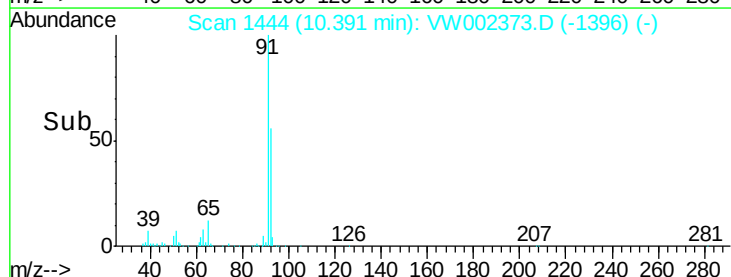
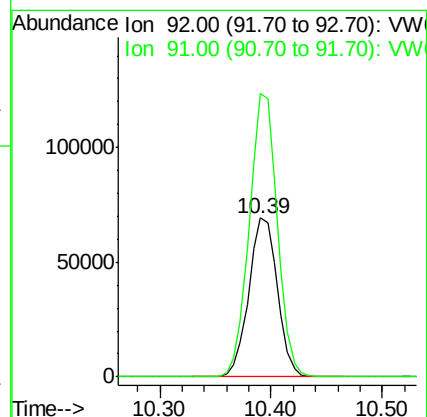
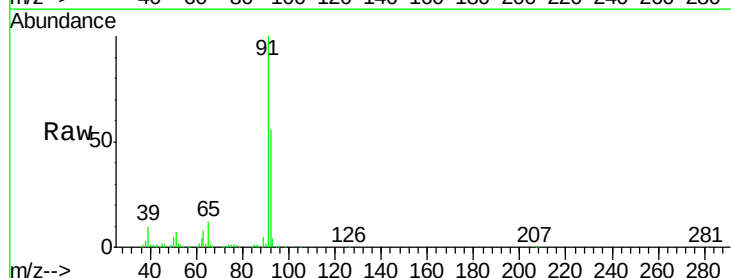
Acq: 10 May 2018 12:12

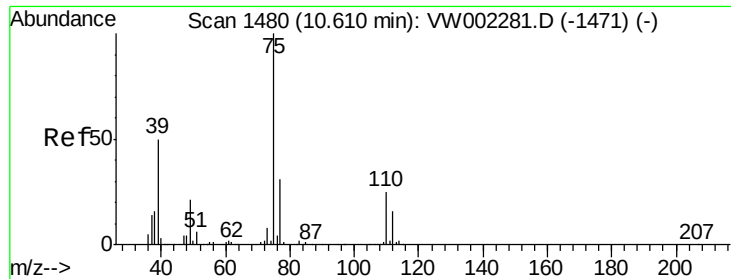
Tgt Ion: 92 Resp: 123673

Ion Ratio Lower Upper

92 100

91 174.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 19.12 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

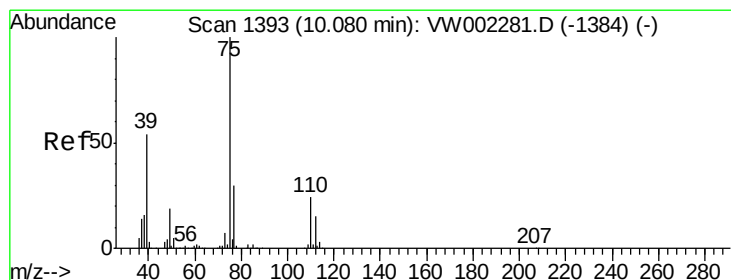
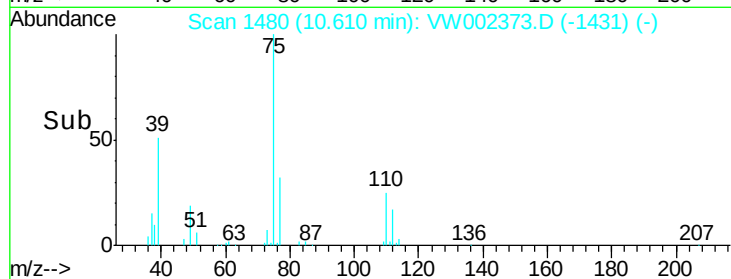
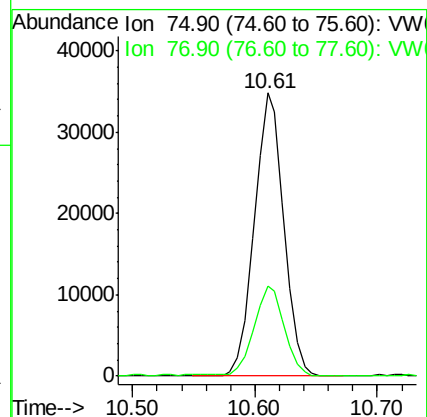
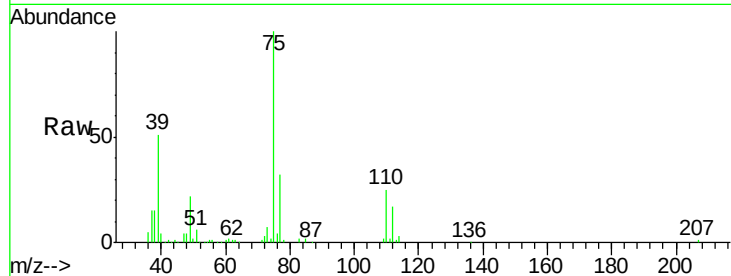
VW0510SBS02

Tot Ion: 75 Resp: 58270

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.82 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

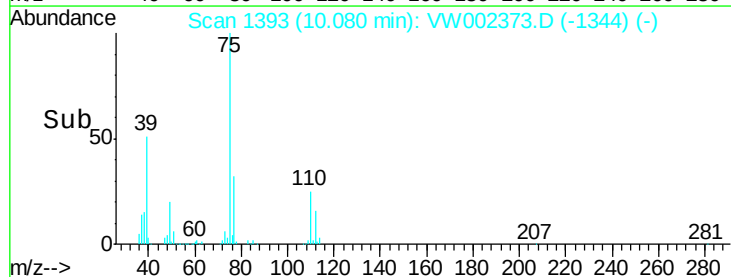
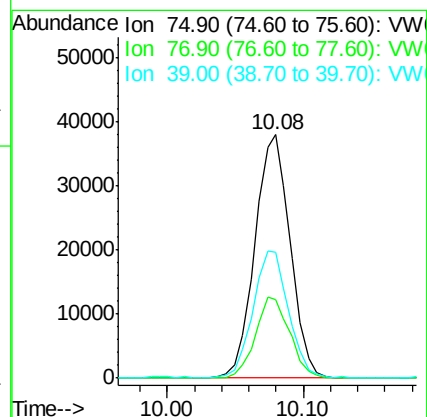
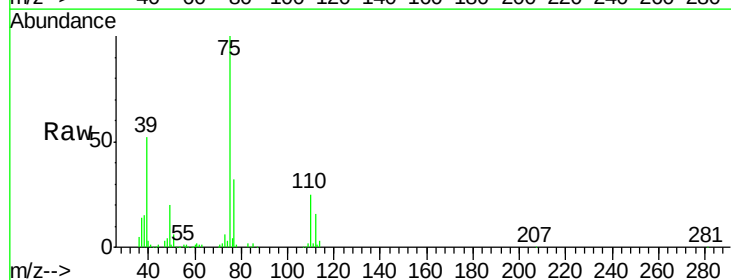
Tgt Ion: 75 Resp: 69038

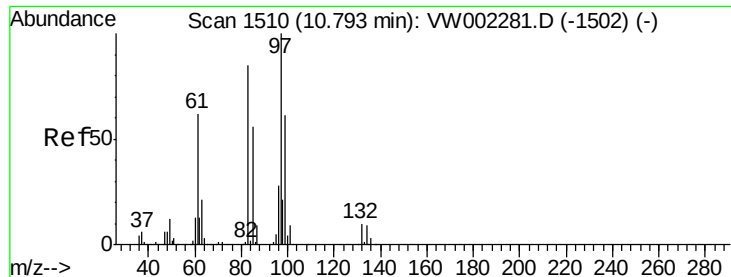
Ion Ratio Lower Upper

75 100

77 32.1 23.9 35.9

39 51.3 43.2 64.8

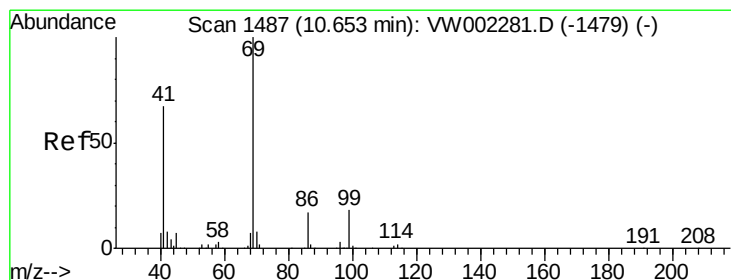
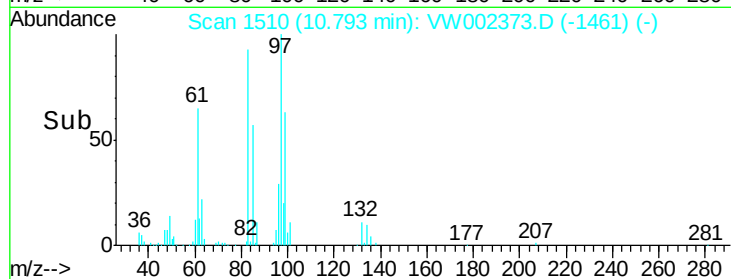
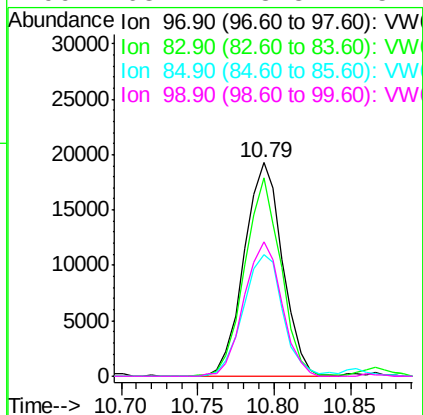
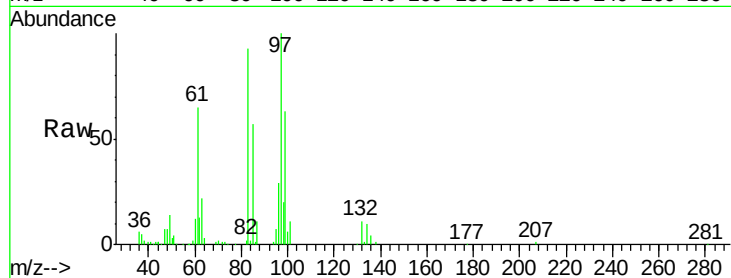




#55
 1,1,2-Trichloroethane
 Concen: 18.13 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

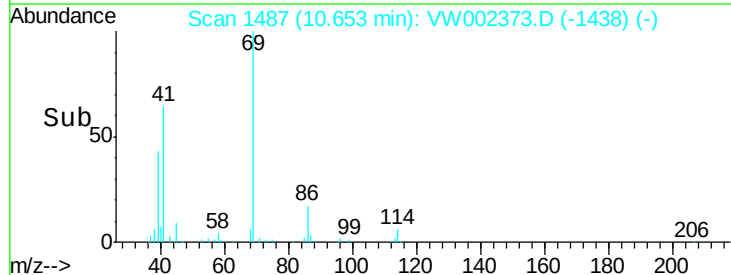
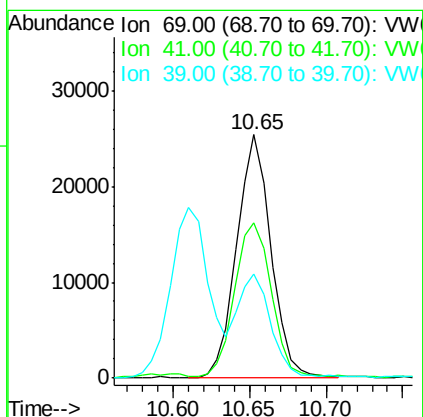
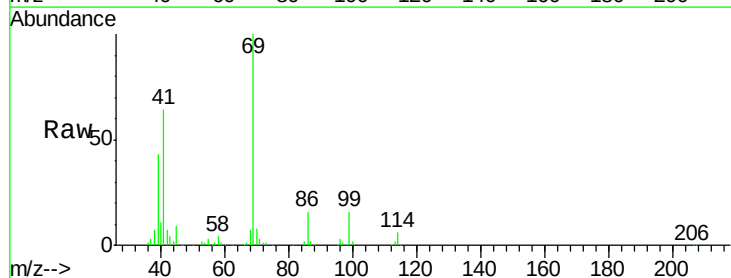
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

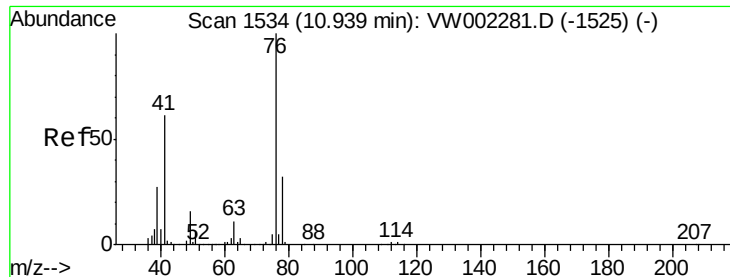
Tot Ion:	97	Resp:	33531
Ion	Ratio	Lower	Upper
97	100		
83	92.8	68.4	102.6
85	56.8	44.6	67.0
99	63.1	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 17.34 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion:	69	Resp:	39628
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.0	84.0
39	40.1	32.7	49.1

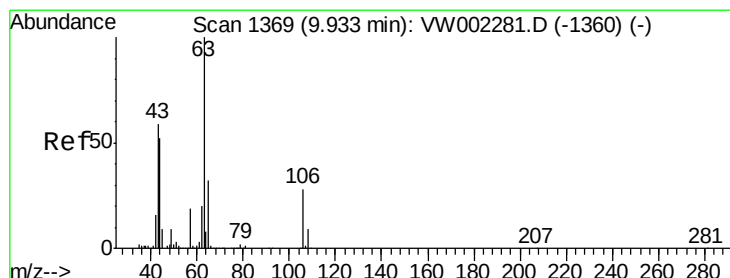
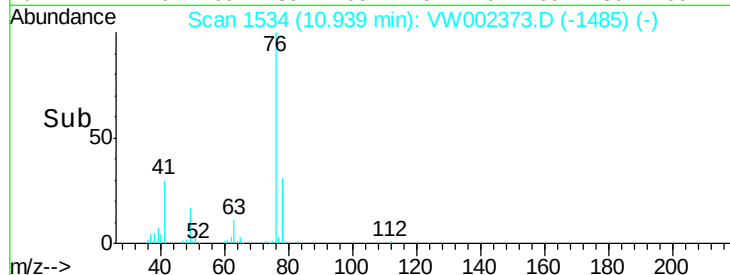
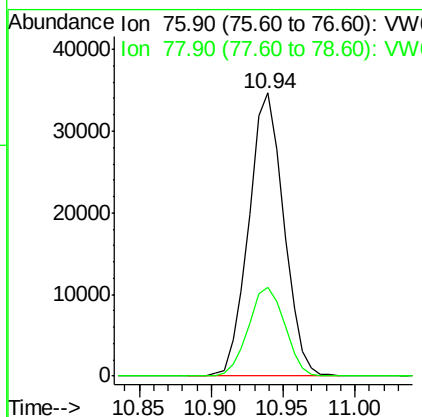
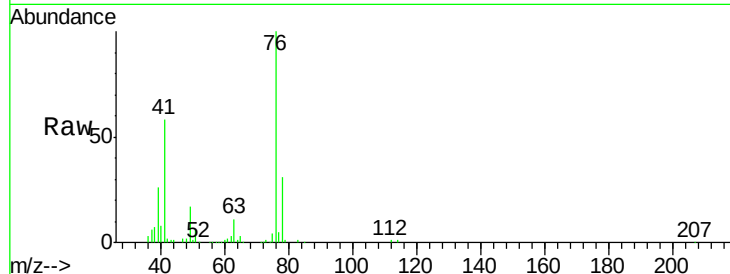




#57
 1,3-Dichloropropane
 Concen: 18.55 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

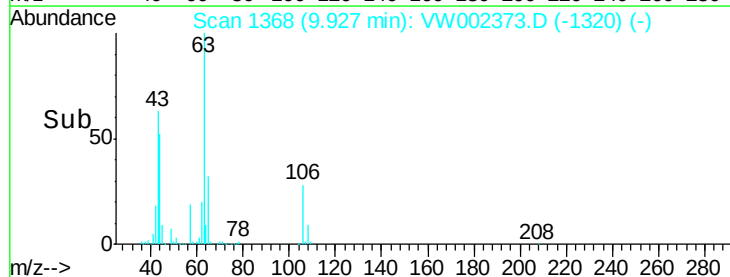
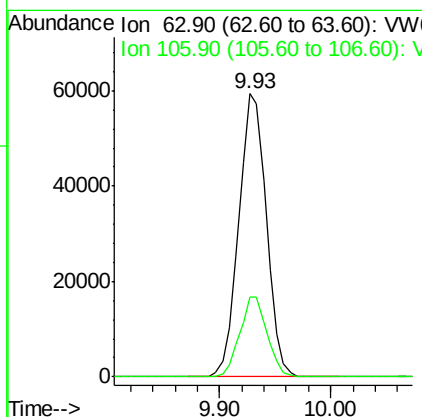
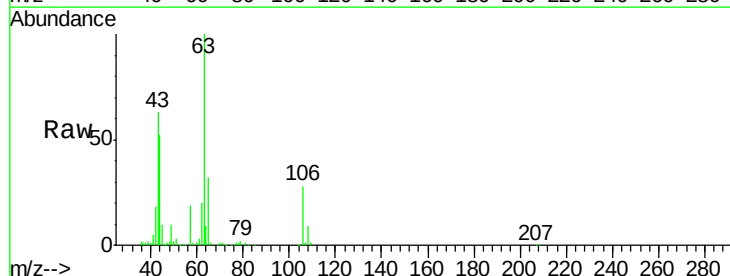
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

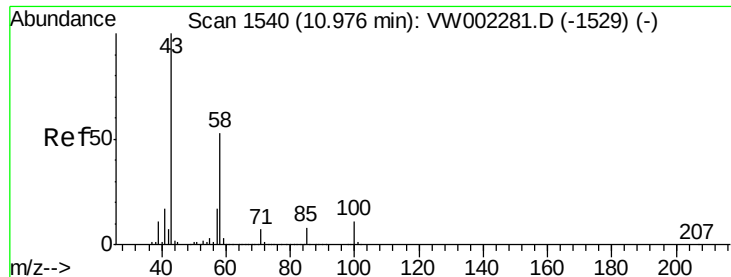
Tot Ion: 76 Resp: 58327
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.78 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion: 63 Resp: 101827
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.5 33.7

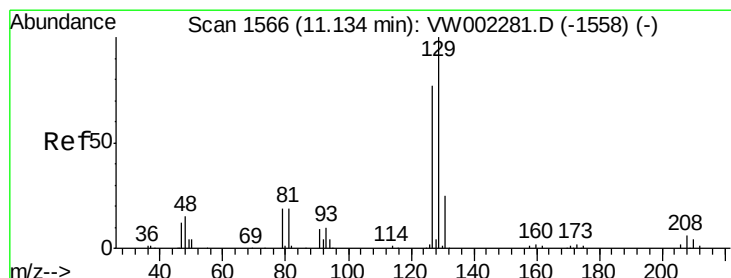
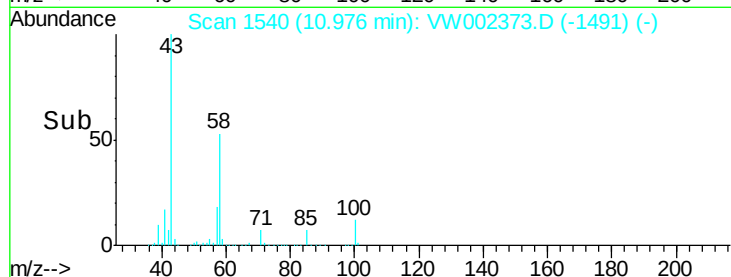
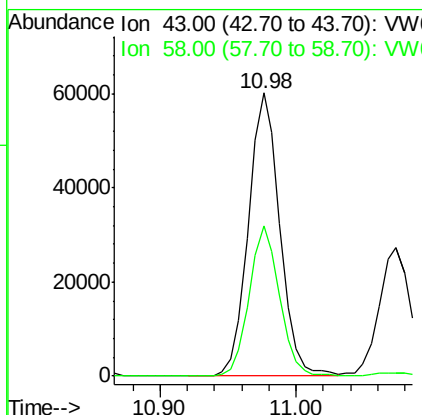
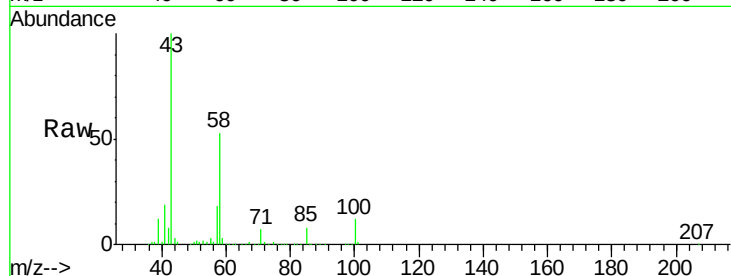




#59
2-Hexanone
Concen: 87.20 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

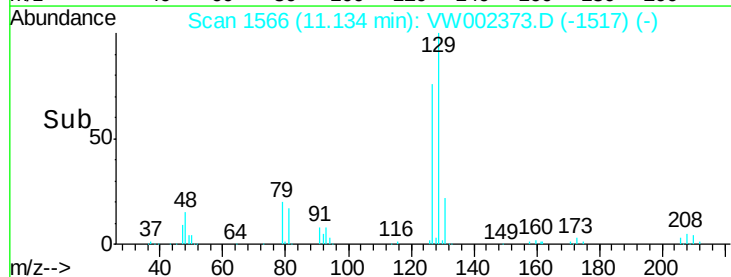
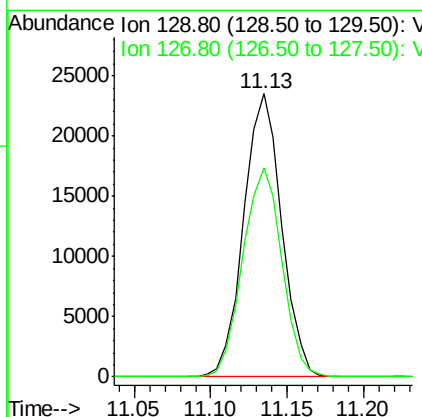
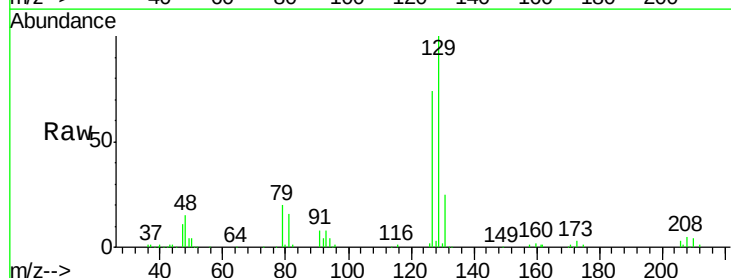
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

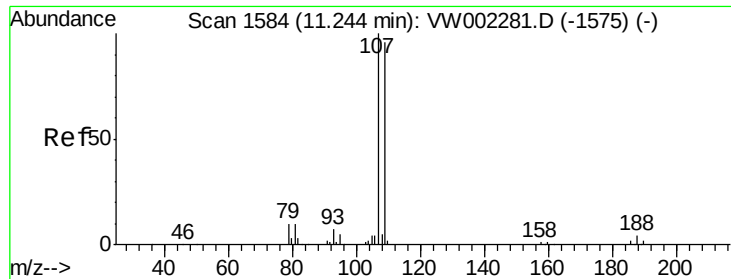
Tot Ion: 43 Resp: 97586
Ion Ratio Lower Upper
43 100
58 51.5 26.0 78.0



#60
Dibromochloromethane
Concen: 18.53 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion: 129 Resp: 40433
Ion Ratio Lower Upper
129 100
127 76.2 39.0 116.9

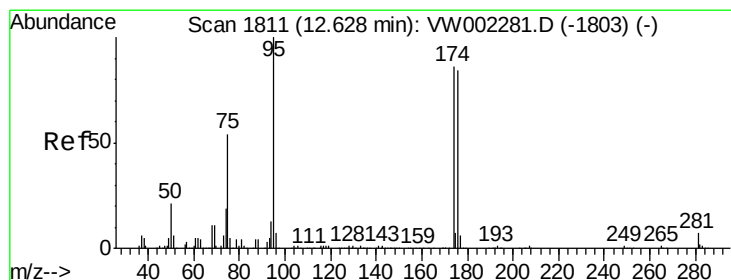
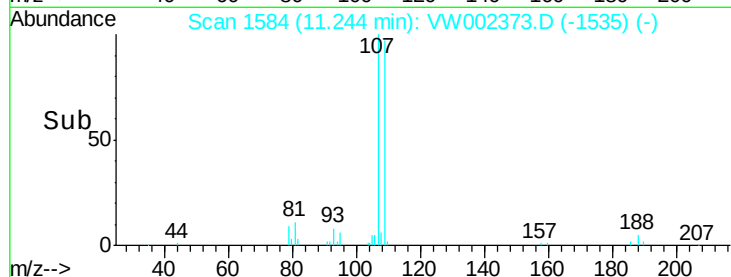
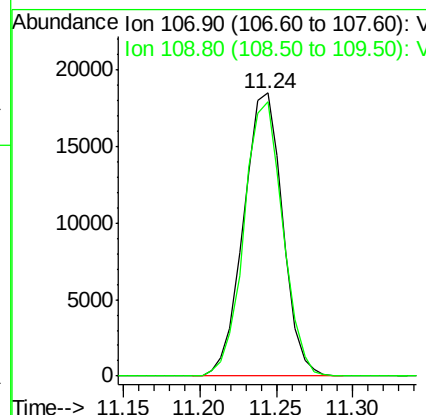
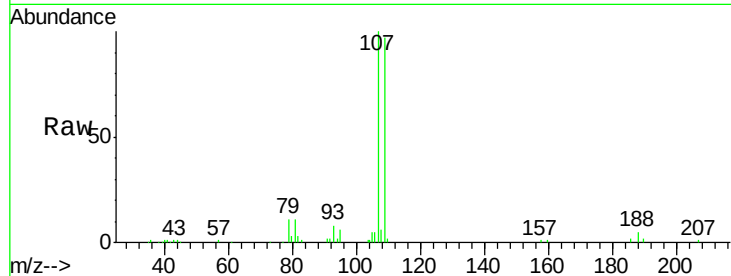




#61
 1,2-Dibromoethane
 Concen: 18.13 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

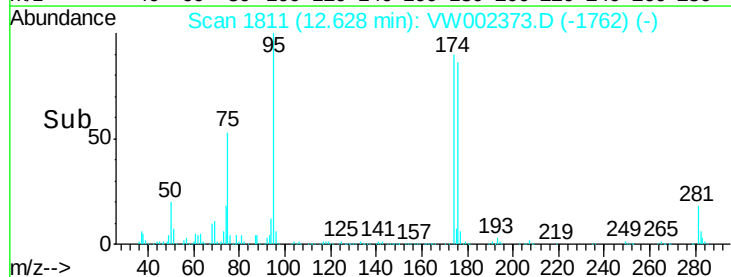
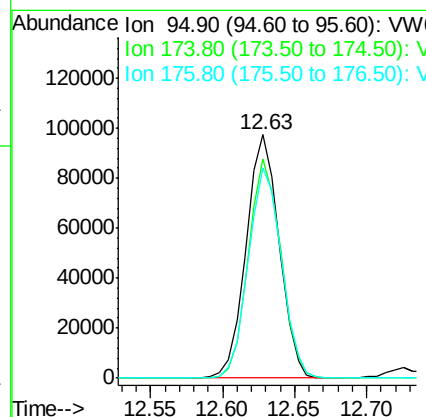
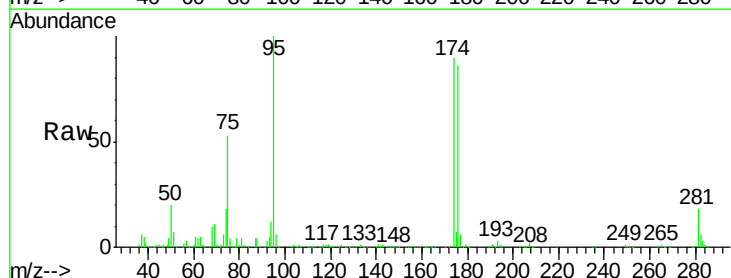
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

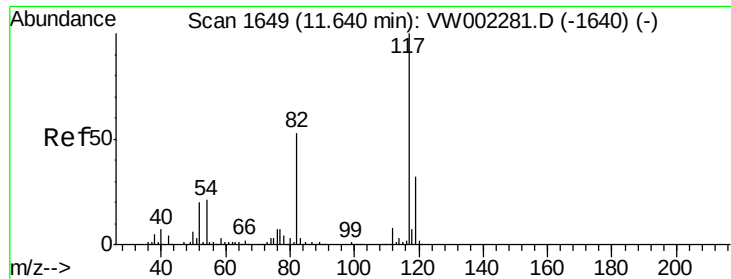
Tot Ion:107 Resp: 32777
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.21 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion: 95 Resp: 154180
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 176.8
 176 86.7 0.0 170.4

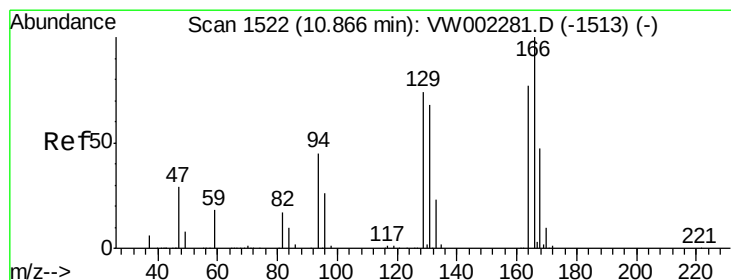
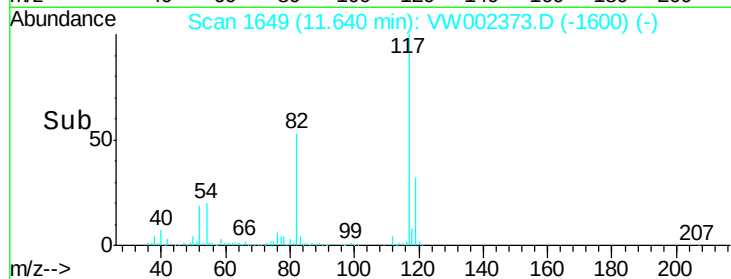
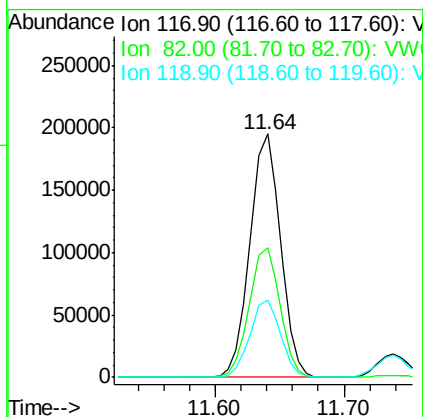
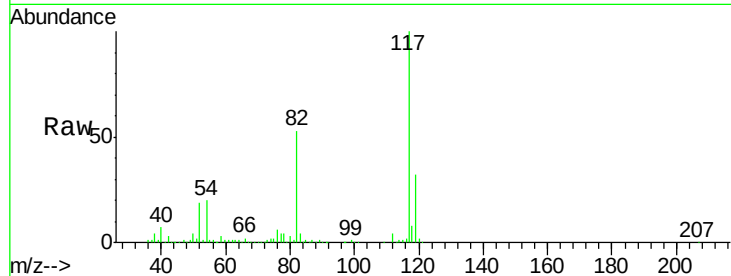




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

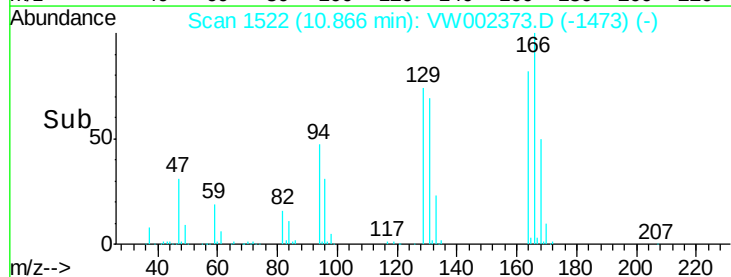
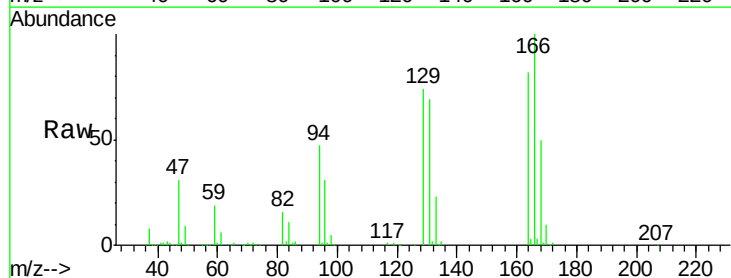
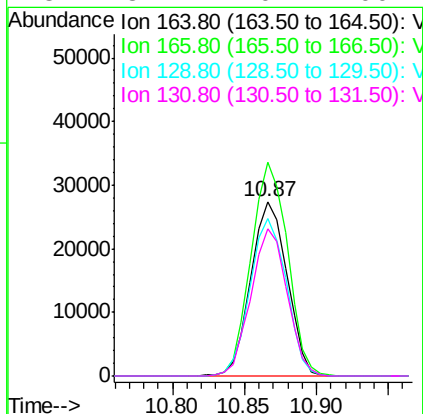
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

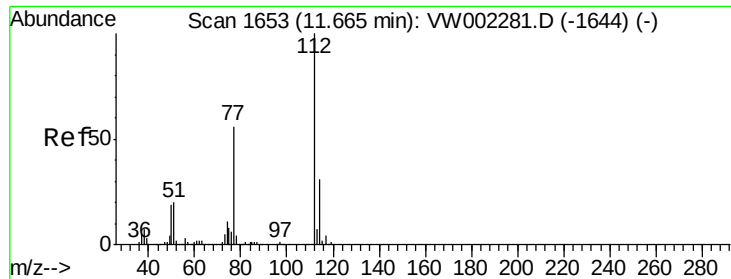
Tot Ion:117 Resp: 319102
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 19.39 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion:164 Resp: 47616
Ion Ratio Lower Upper
164 100
166 122.4 103.3 154.9
129 90.0 76.6 114.8
131 84.2 70.7 106.1

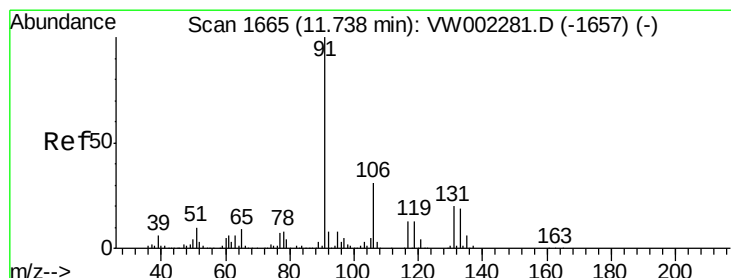
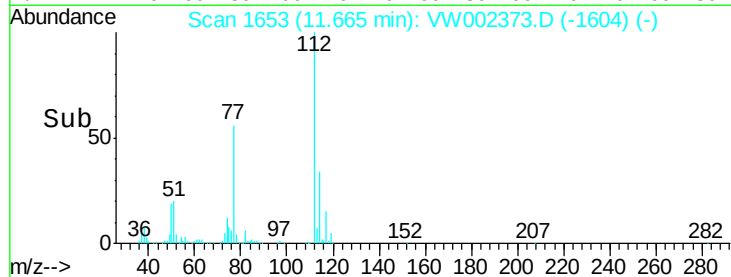
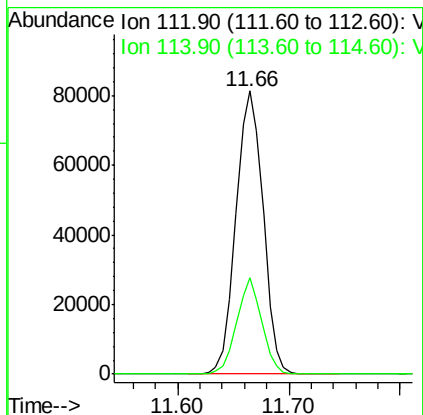
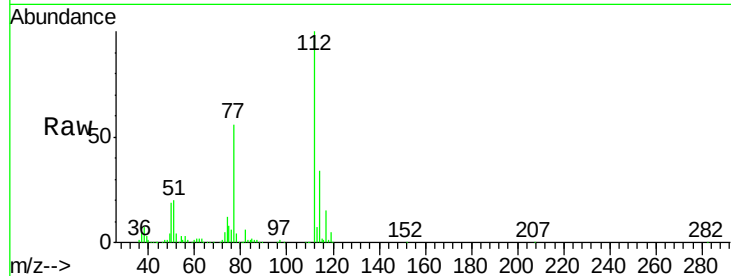




#65
Chlorobenzene
Concen: 21.01 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

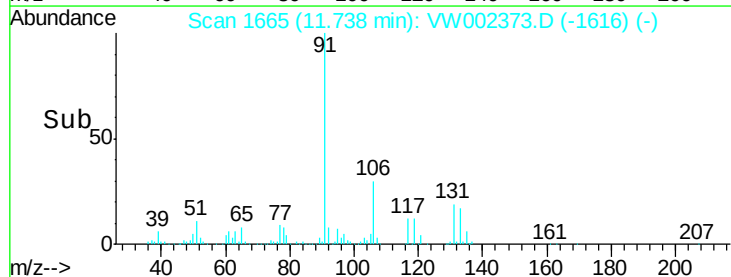
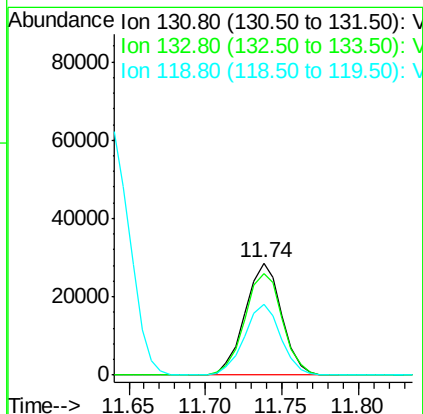
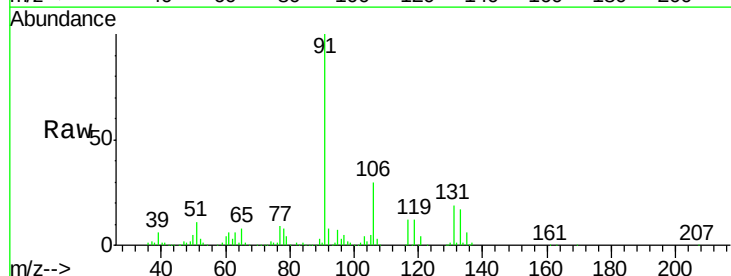
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

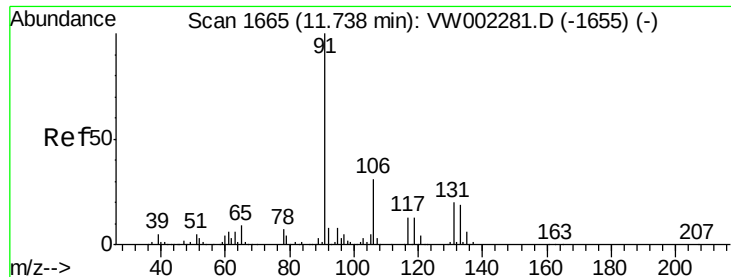
Tot Ion:112 Resp: 136987
Ion Ratio Lower Upper
112 100
114 34.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.43 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion:131 Resp: 47485
Ion Ratio Lower Upper
131 100
133 93.3 47.8 143.3
119 63.2 32.0 96.0

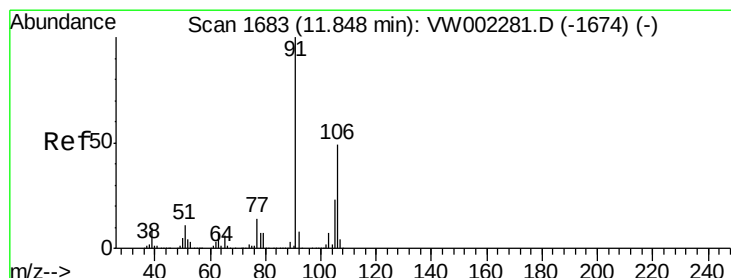
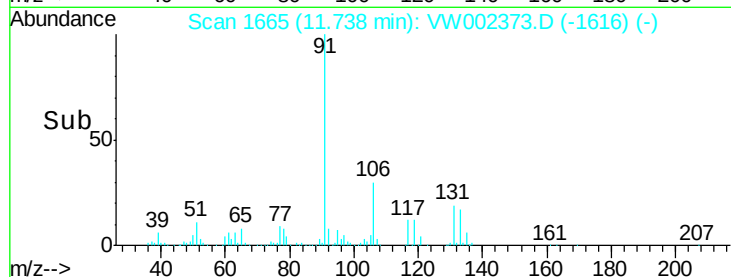
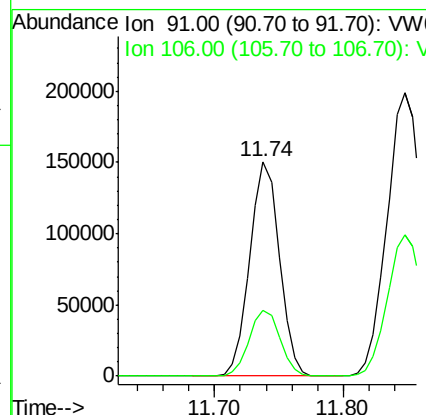
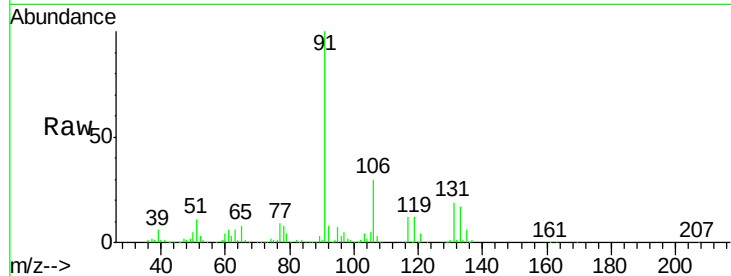




#67
Ethyl Benzene
Concen: 21.33 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

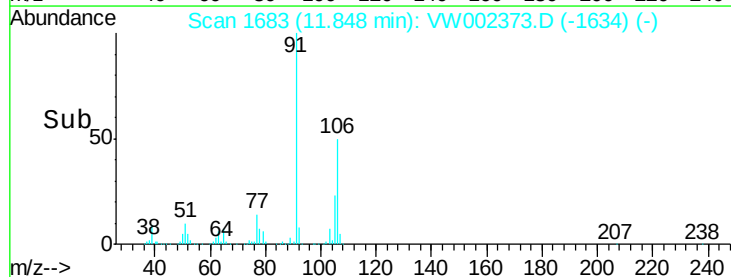
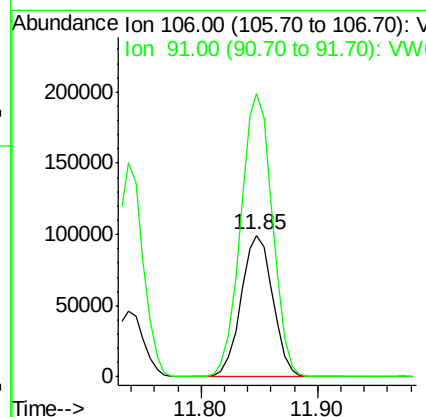
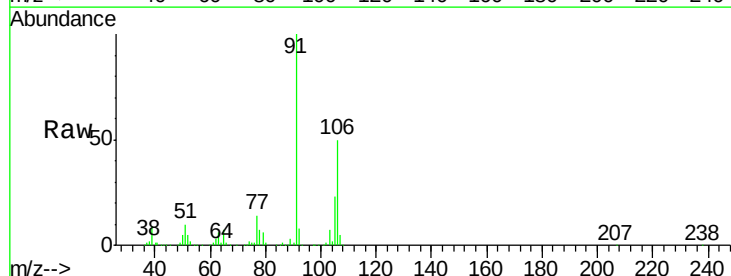
Instrument :
MSVOA_W
ClientSampled :
VW0510SBS02

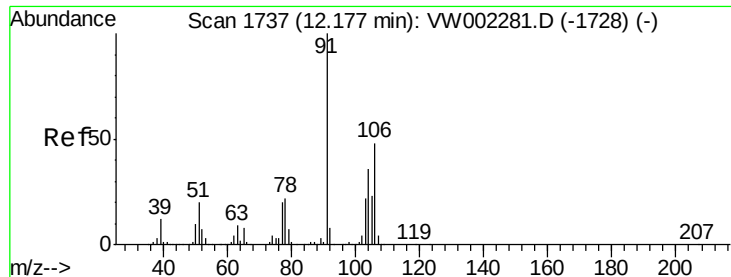
Tot Ion: 91 Resp: 239002
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 43.43 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion: 106 Resp: 187821
Ion Ratio Lower Upper
106 100
91 200.3 161.4 242.0

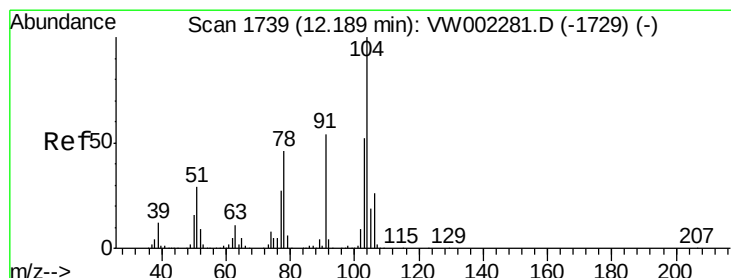
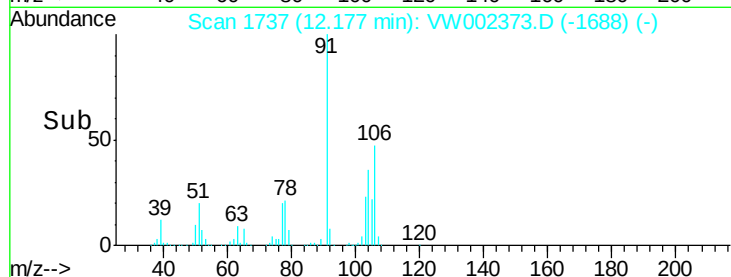
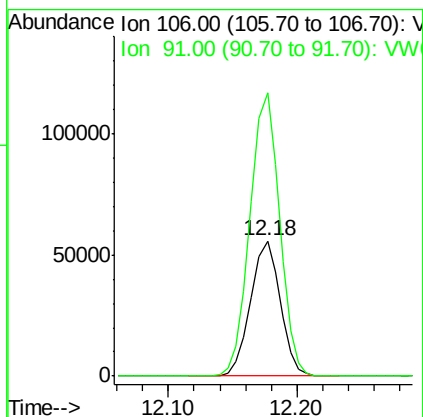
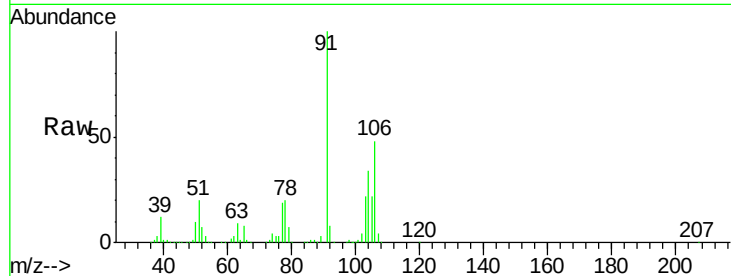




#69
o-Xylene
Concen: 21.49 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

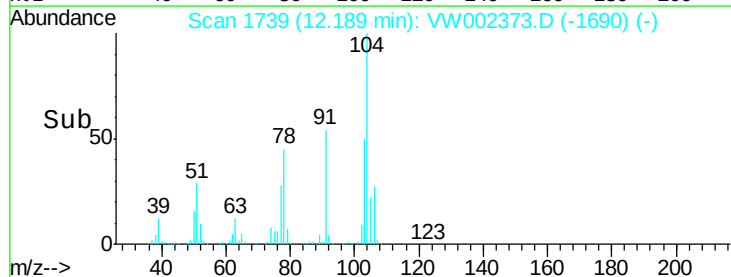
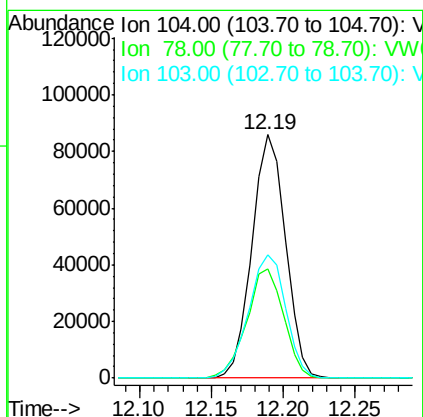
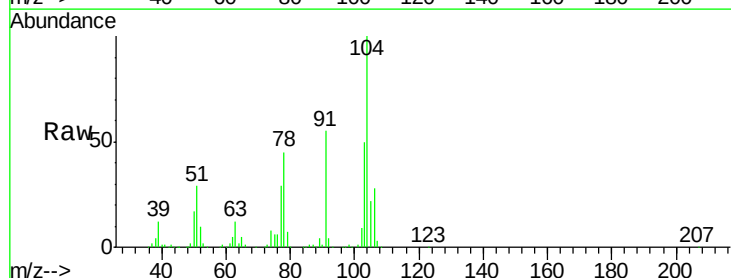
Instrument :
MSVOA_W
ClientSampled :
VW0510SBS02

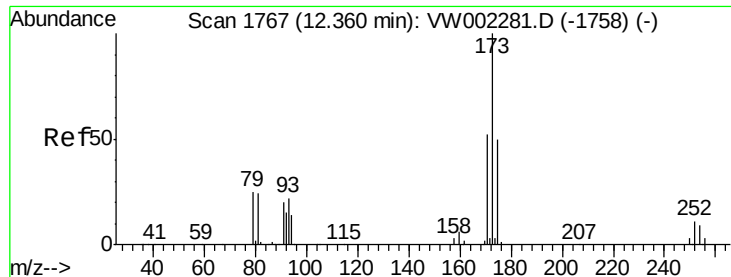
Tot Ion:106 Resp: 88354
Ion Ratio Lower Upper
106 100
91 210.1 107.1 321.1



#70
Styrene
Concen: 20.29 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion:104 Resp: 138567
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 56.1 44.4 66.6





#71

Bromoform

Concen: 17.89 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

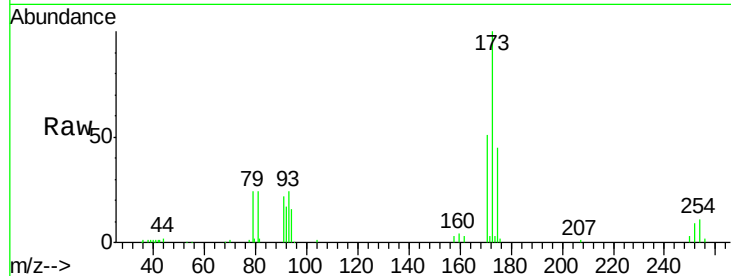
Tot Ion:173 Resp: 23841

Ion Ratio Lower Upper

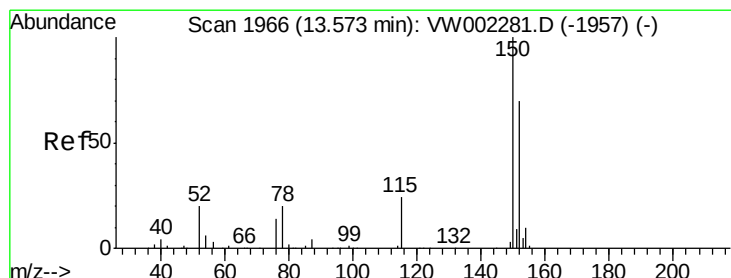
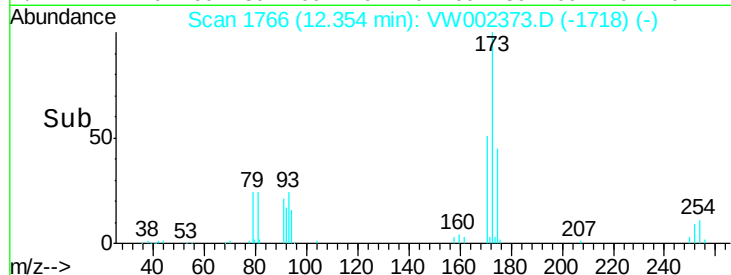
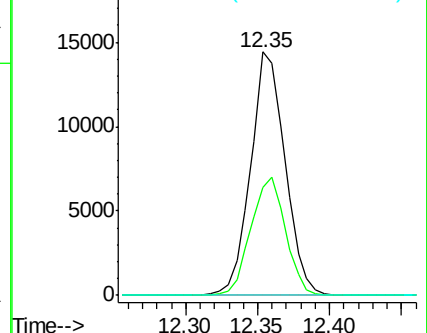
173 100

175 48.5 24.3 72.9

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: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

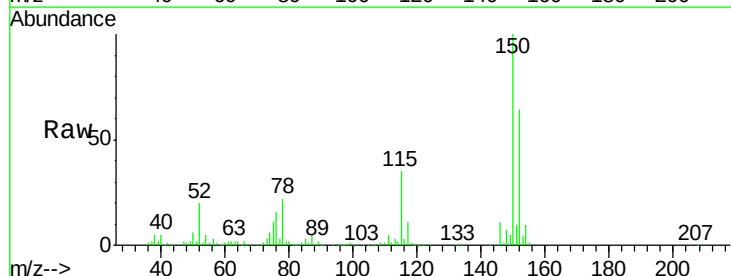
Tgt Ion:152 Resp: 170376

Ion Ratio Lower Upper

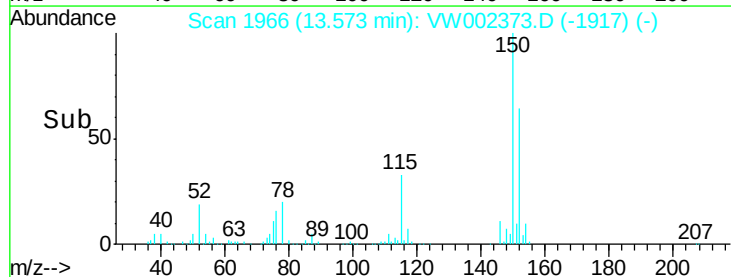
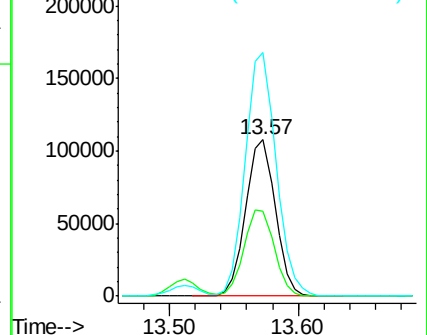
152 100

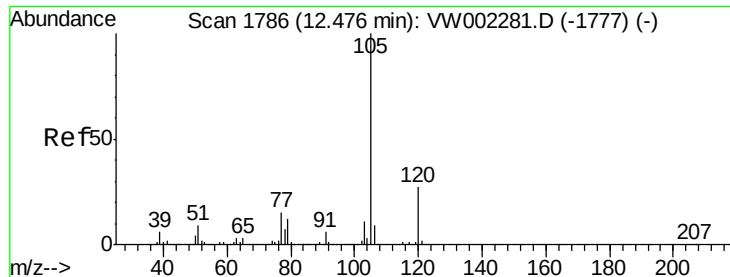
115 56.3 28.5 85.5

150 162.9 0.0 342.6



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: 22.02 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

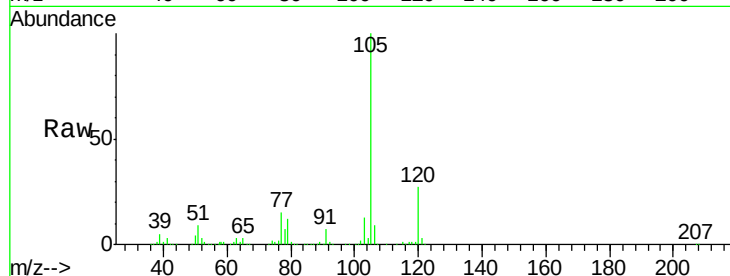
VW0510SBS02

Tot Ion:105 Resp: 243735

Ion Ratio Lower Upper

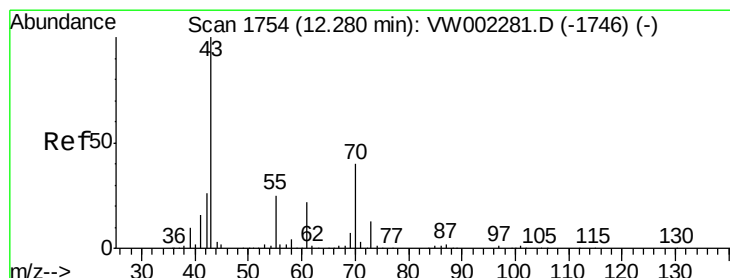
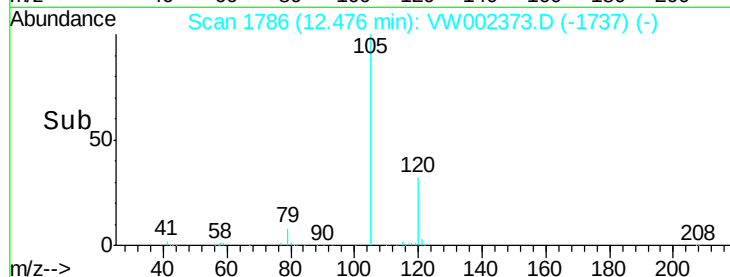
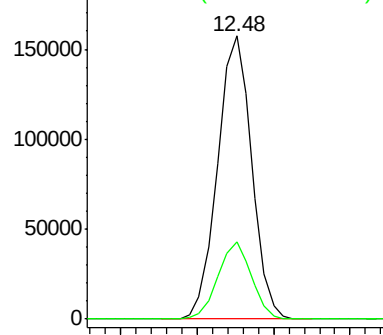
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.58 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Tgt Ion: 43 Resp: 48688

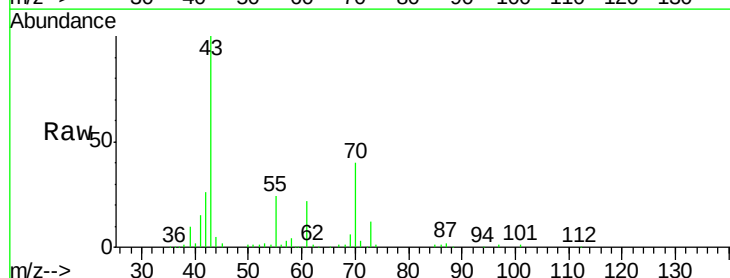
Ion Ratio Lower Upper

43 100

70 41.1 31.9 47.9

55 25.0 19.9 29.9

61 23.1 18.2 27.2

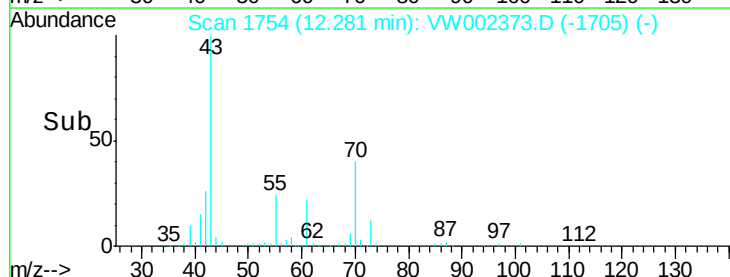
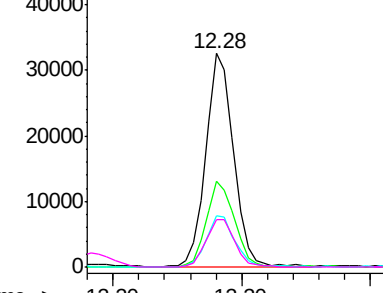


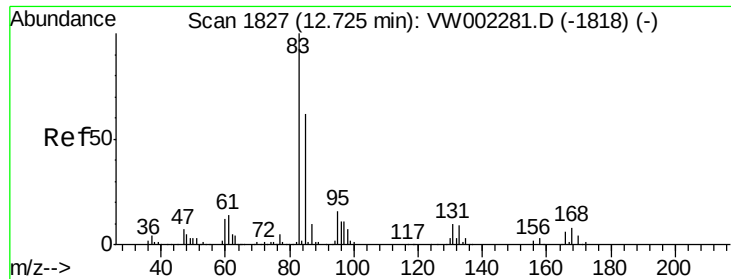
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.04 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

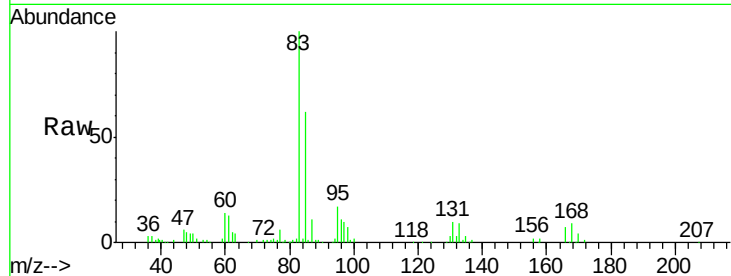
Tot Ion: 83 Resp: 38588

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.5

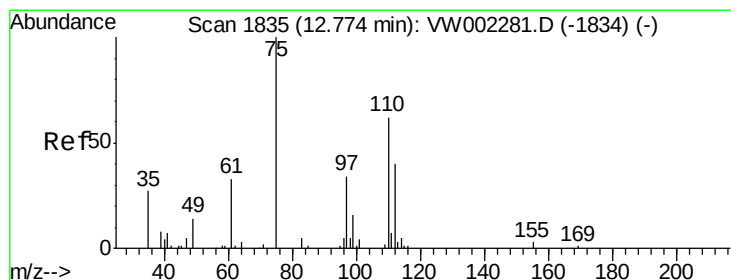
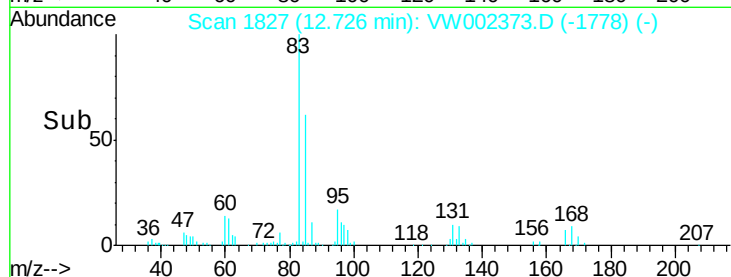
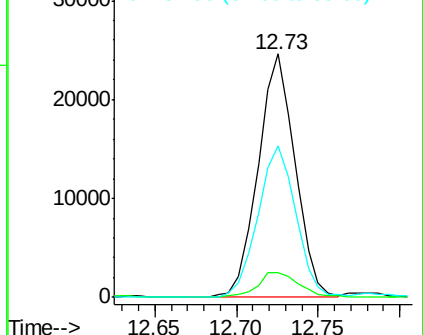
85 64.3 31.5 94.5



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: 15.38 ug/l m

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002373.D

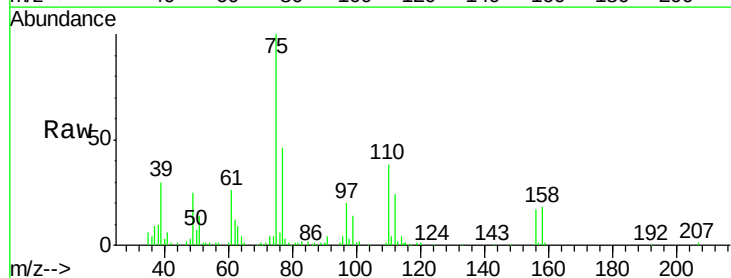
Acq: 10 May 2018 12:12

Tgt Ion: 75 Resp: 23236

Ion Ratio Lower Upper

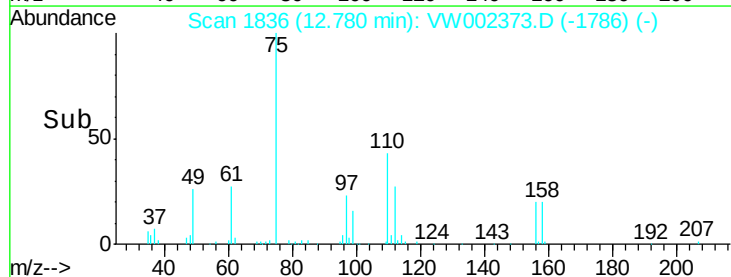
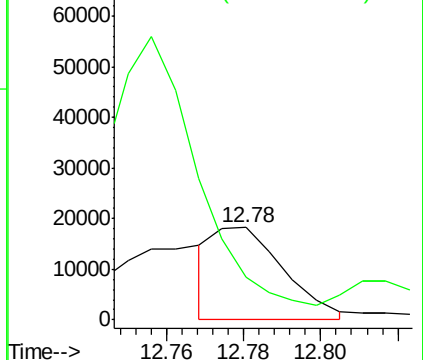
75 100

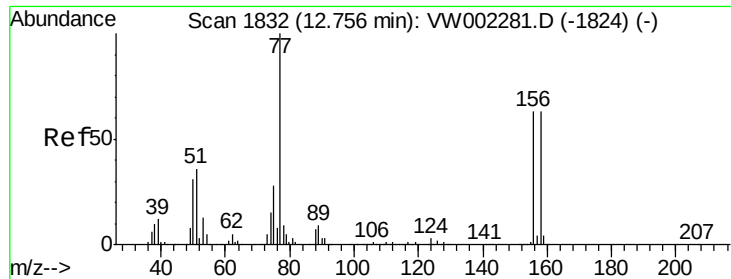
77 0.0 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.00 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

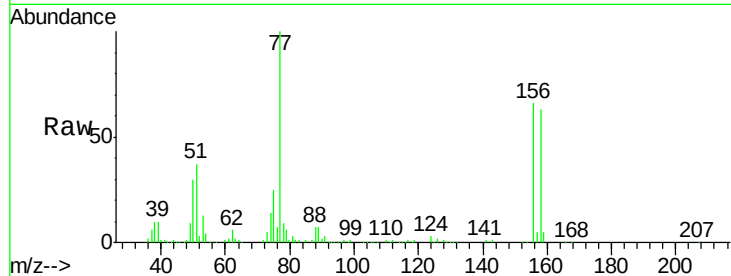
Tot Ion:156 Resp: 58592

Ion Ratio Lower Upper

156 100

77 167.5 87.7 263.1

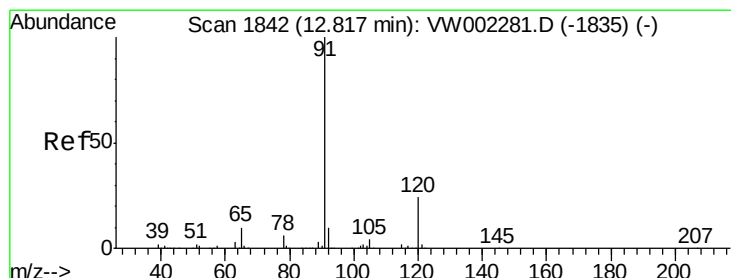
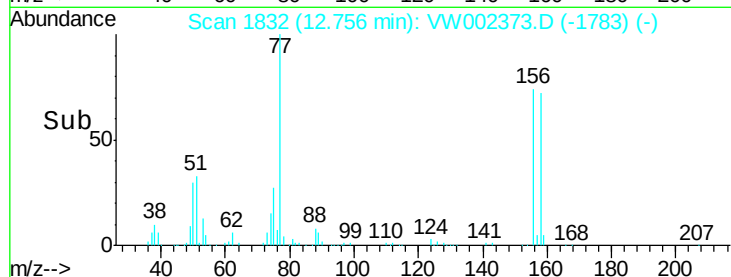
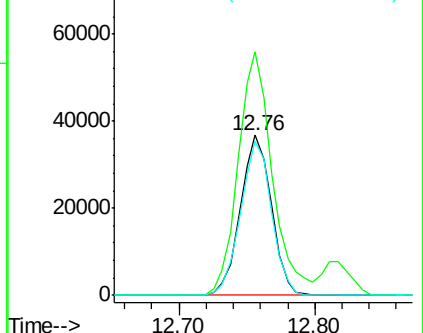
158 96.1 48.6 145.8



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: 22.46 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW002373.D

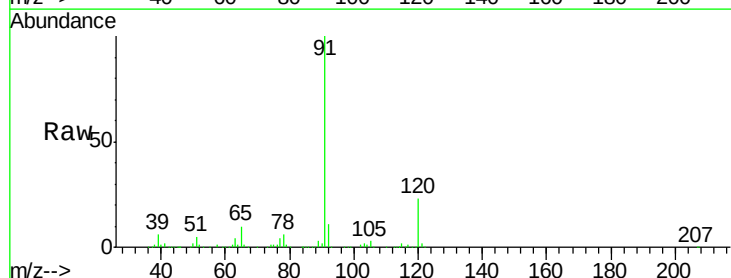
Acq: 10 May 2018 12:12

Tgt Ion: 91 Resp: 294669

Ion Ratio Lower Upper

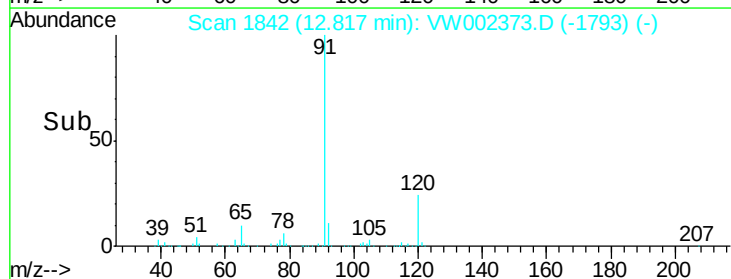
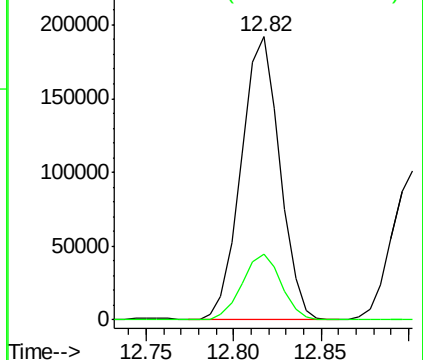
91 100

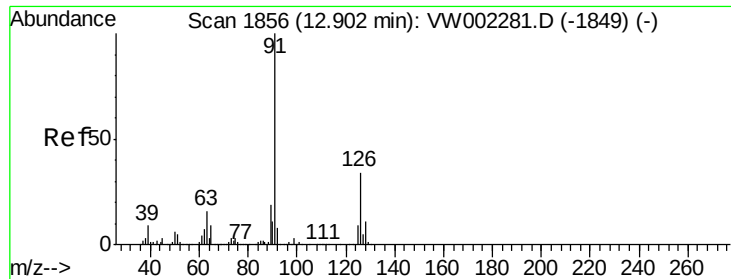
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.38 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

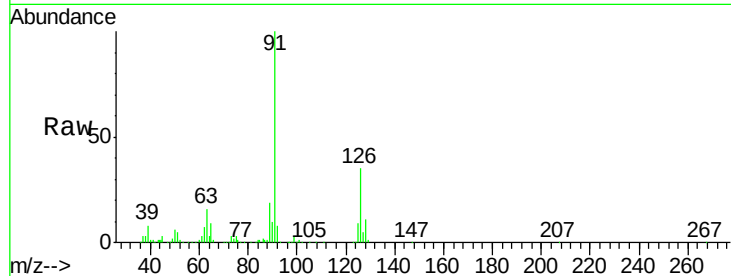
VW0510SBS02

Tot Ion: 91 Resp: 161494

Ion Ratio Lower Upper

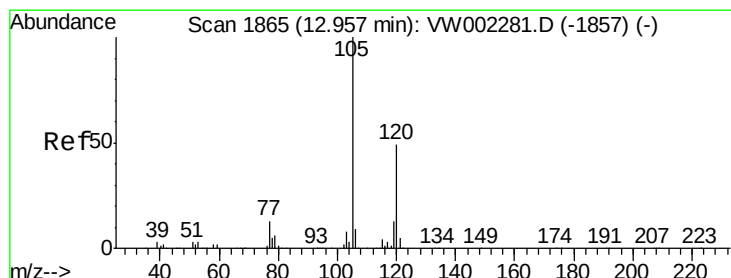
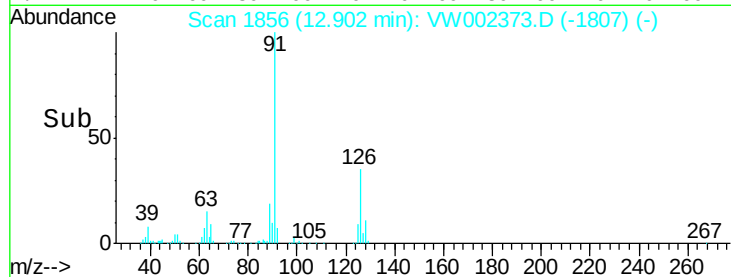
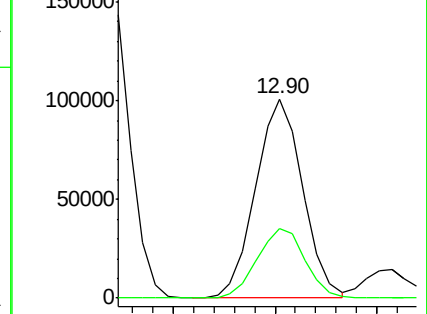
91 100

126 36.0 17.2 51.6



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: 22.00 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW002373.D

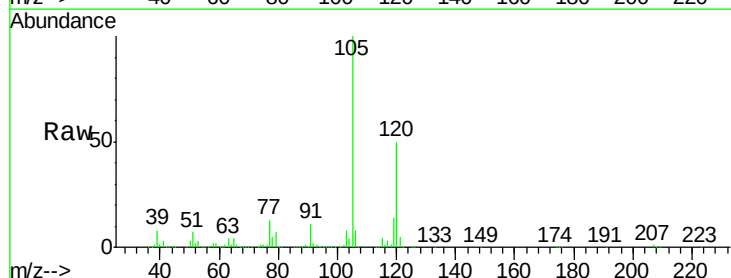
Acq: 10 May 2018 12:12

Tgt Ion:105 Resp: 204765

Ion Ratio Lower Upper

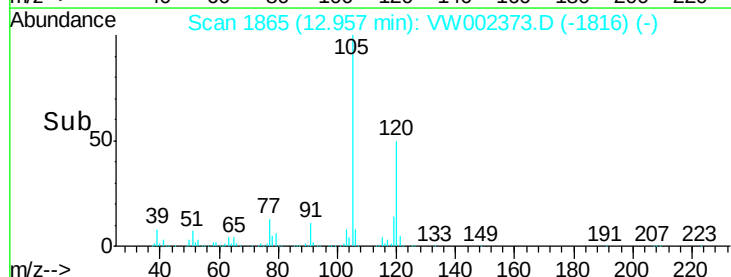
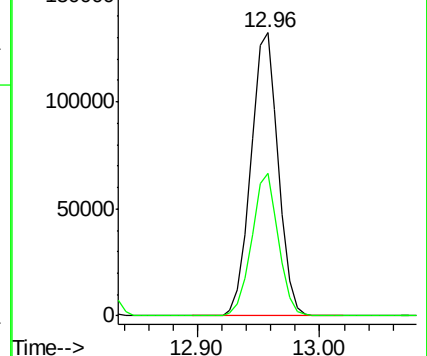
105 100

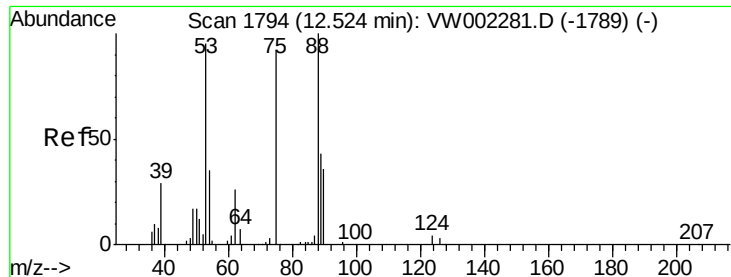
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

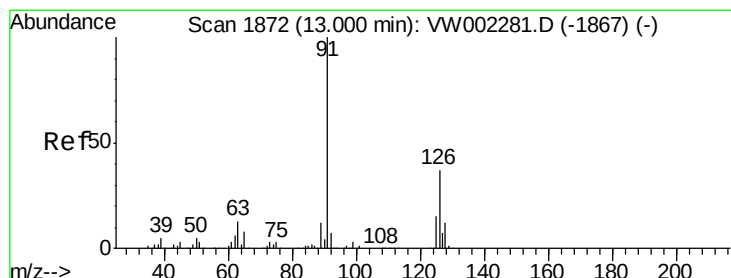
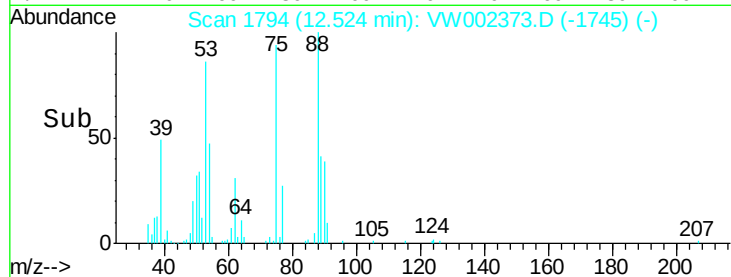
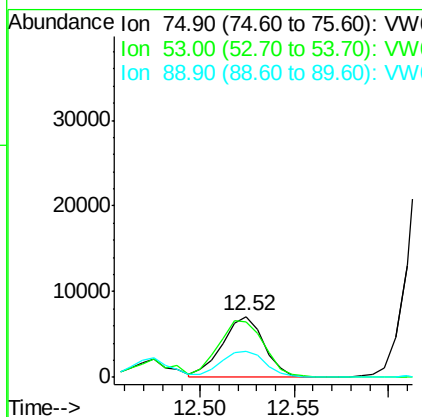
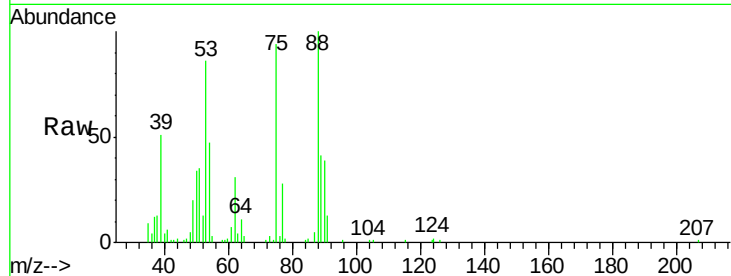




#81
trans-1,4-Dichloro-2-butene
Concen: 19.27 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

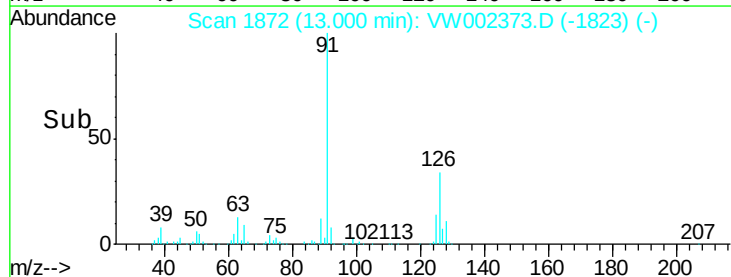
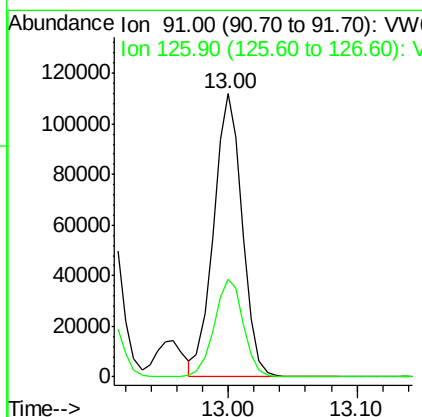
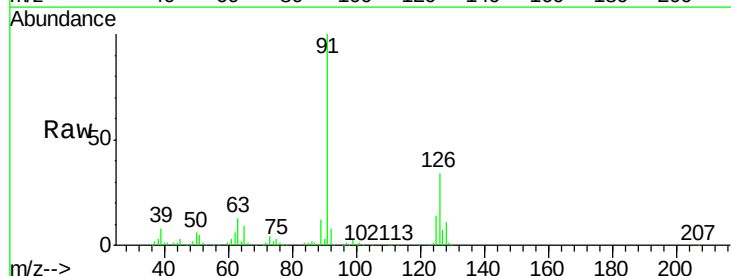
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

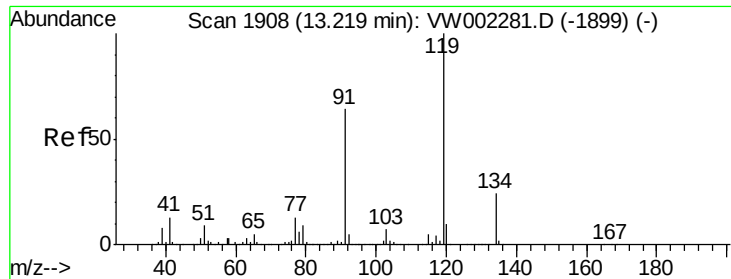
Tot Ion: 75 Resp: 11055
Ion Ratio Lower Upper
75 100
53 101.5 79.9 119.9
89 45.8 37.6 56.4



#82
4-Chlorotoluene
Concen: 21.65 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion: 91 Resp: 173979
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3

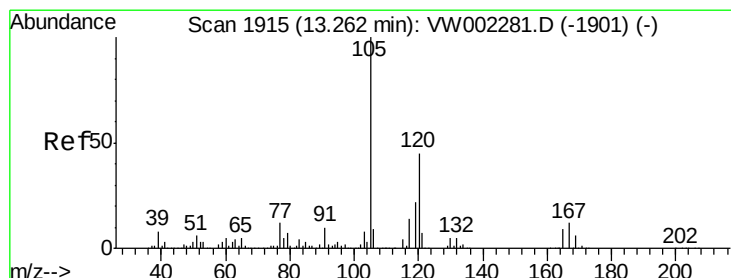
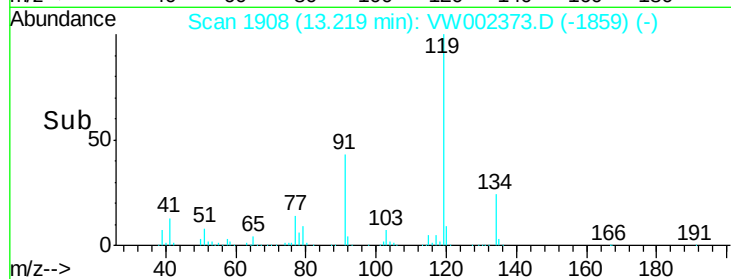
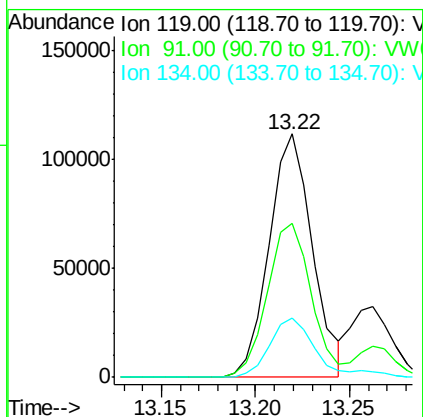
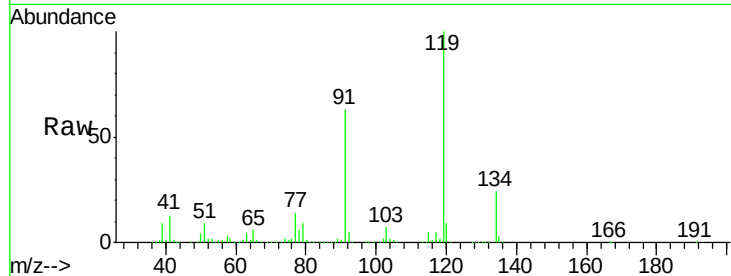




#83
 tert-Butylbenzene
 Concen: 22.26 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

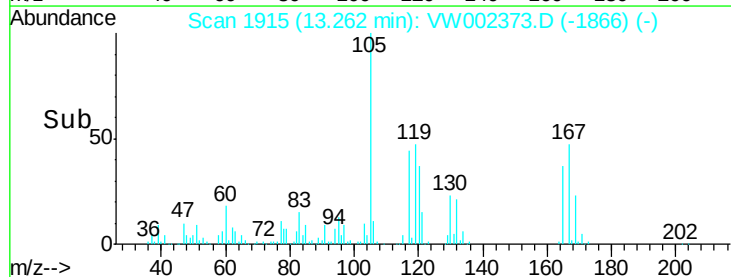
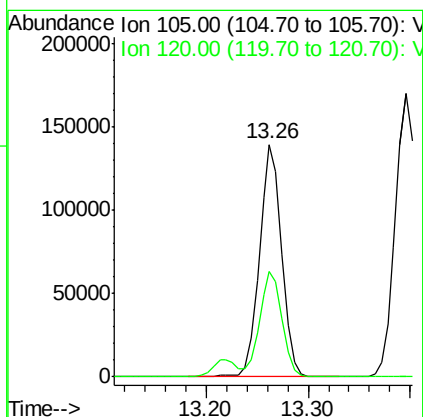
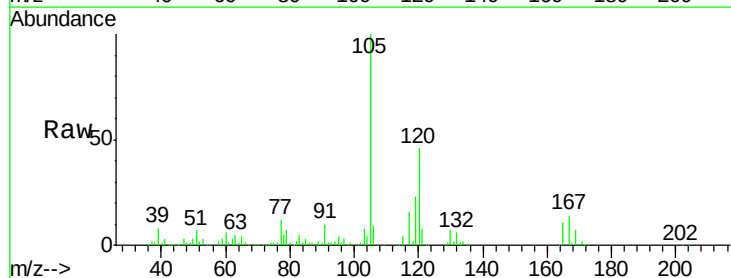
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

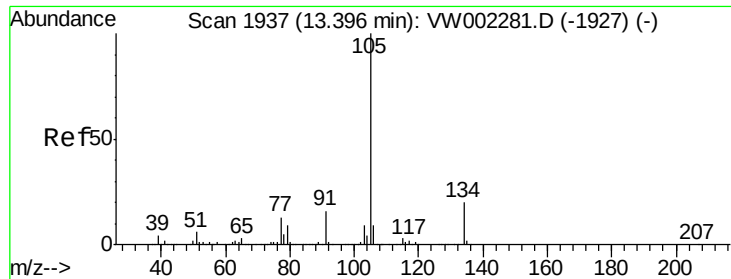
Tot Ion:119 Resp: 178446
 Ion Ratio Lower Upper
 119 100
 91 64.0 31.6 94.8
 134 26.6 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.94 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion:105 Resp: 211783
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.5 67.5

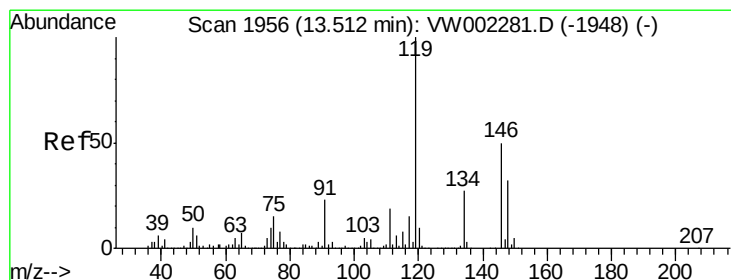
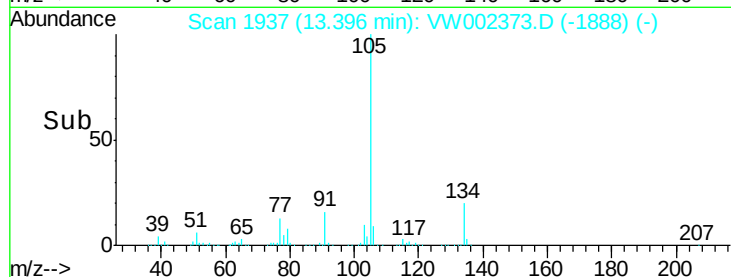
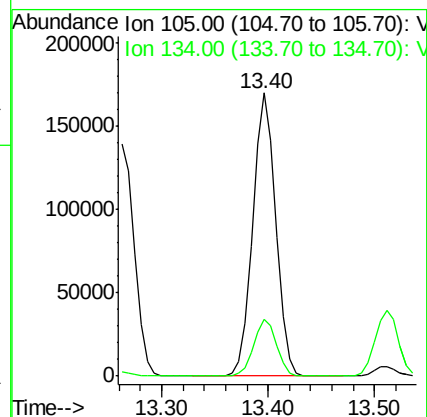
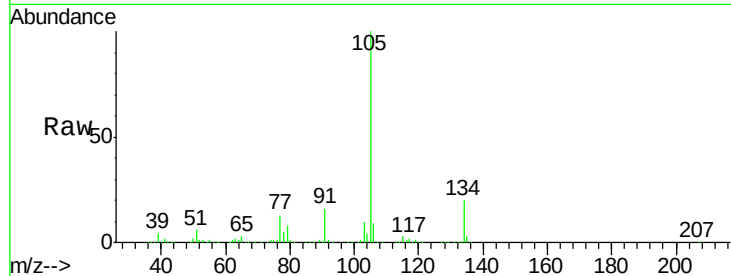




#85
 sec-Butylbenzene
 Concen: 22.45 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

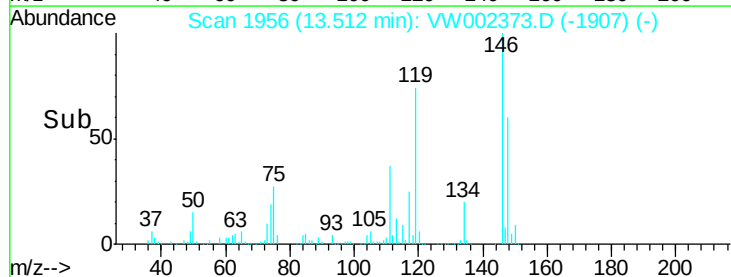
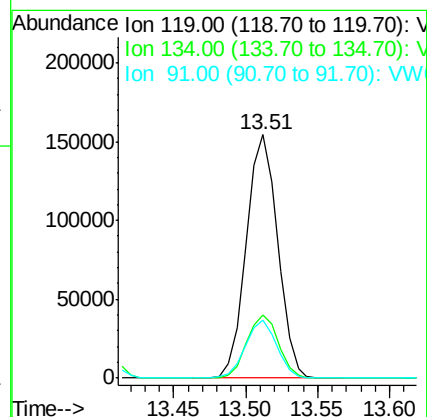
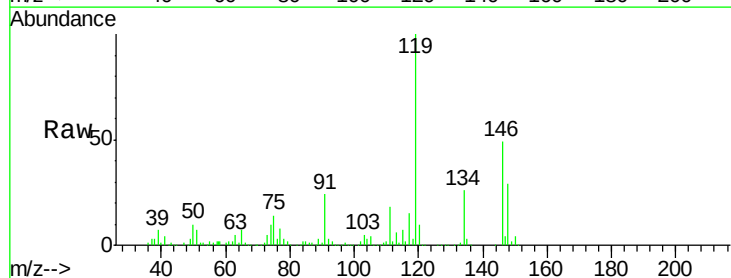
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

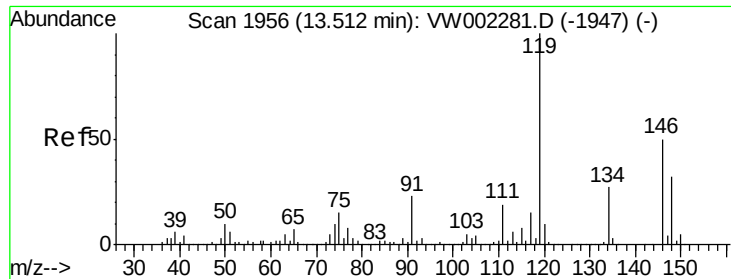
Tot Ion:105 Resp: 256932
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 22.66 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion:119 Resp: 231841
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.53 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

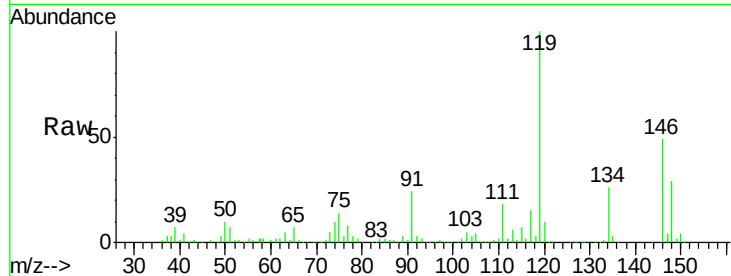
Tot Ion:146 Resp: 118916

Ion Ratio Lower Upper

146 100

111 37.3 19.3 57.8

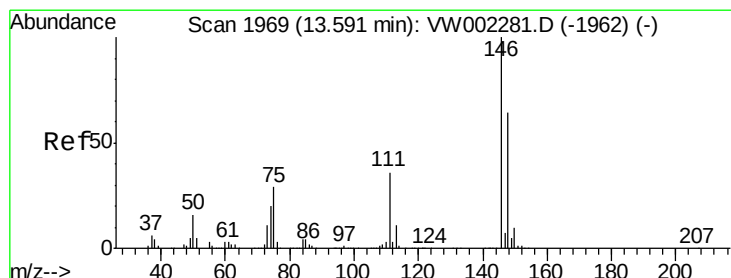
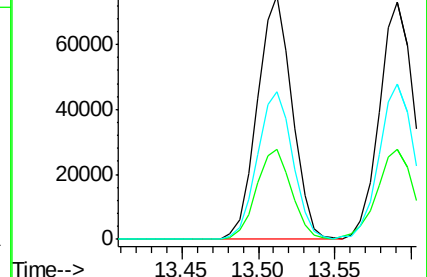
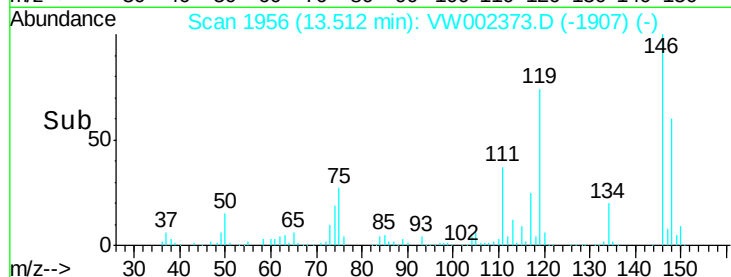
148 61.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.98 ug/l

RT: 13.59 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

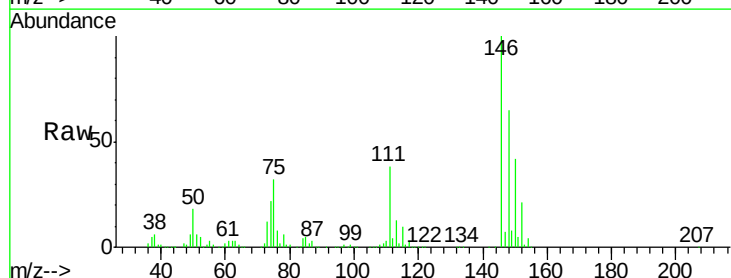
Tgt Ion:146 Resp: 115664

Ion Ratio Lower Upper

146 100

111 39.7 19.0 57.0

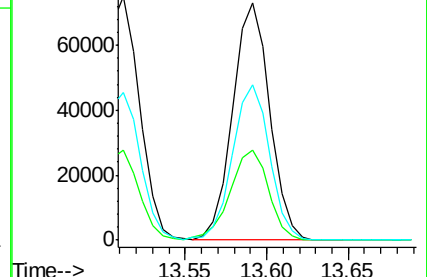
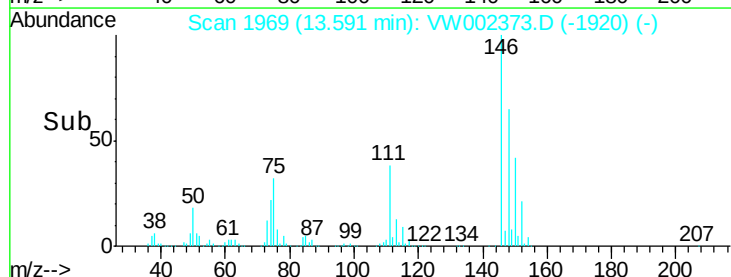
148 65.7 32.3 96.9

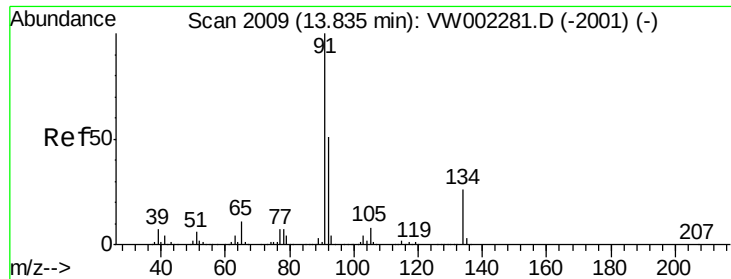


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.90 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

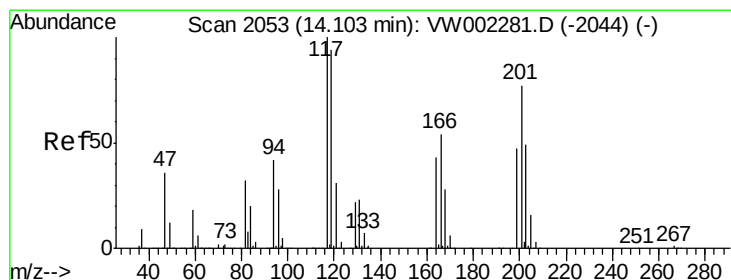
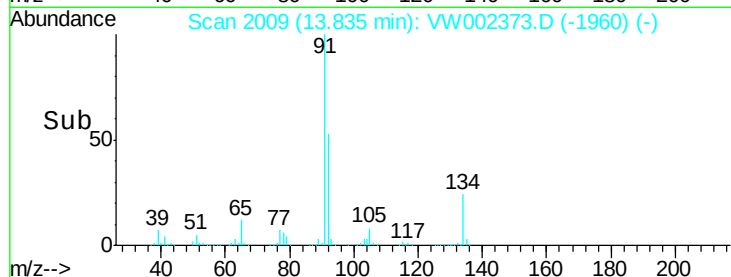
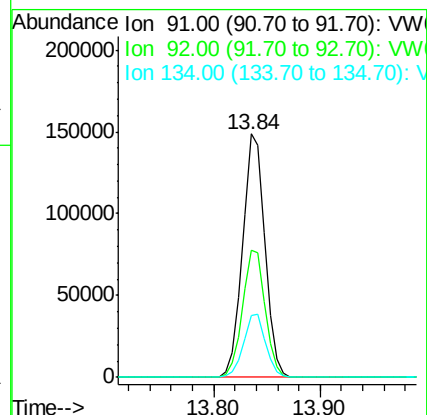
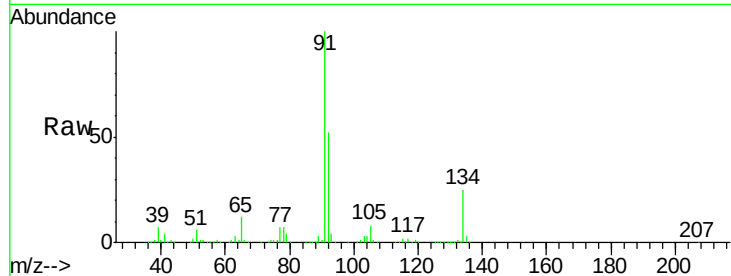
Tot Ion: 91 Resp: 219234

Ion Ratio Lower Upper

91 100

92 53.1 25.9 77.8

134 25.8 13.1 39.1



#90

Hexachloroethane

Concen: 21.12 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW002373.D

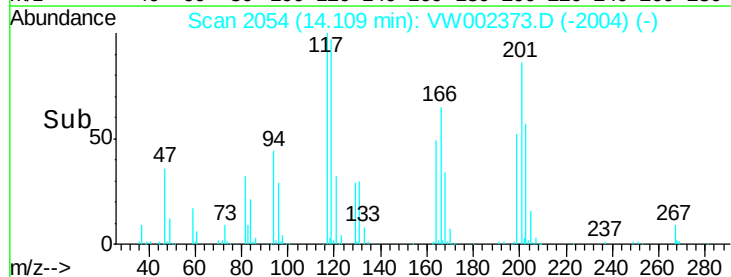
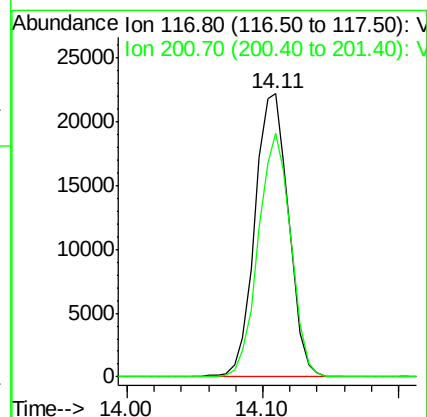
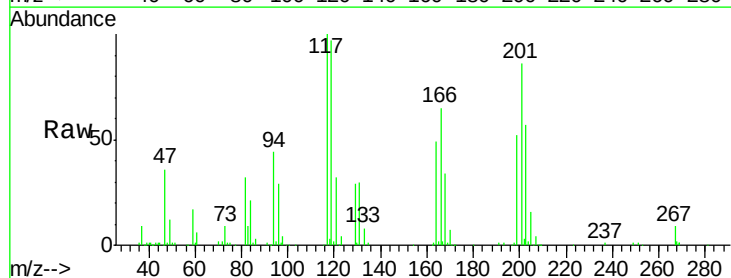
Acq: 10 May 2018 12:12

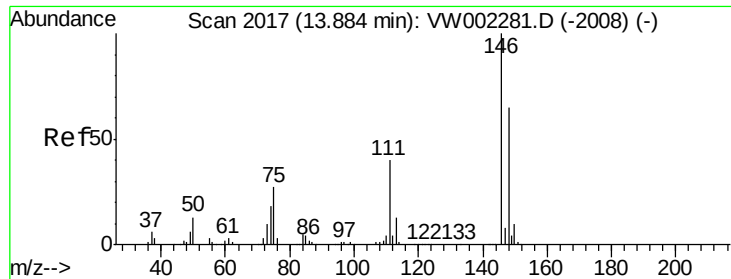
Tgt Ion: 117 Resp: 38642

Ion Ratio Lower Upper

117 100

201 82.6 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 20.60 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. 0.00 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS02

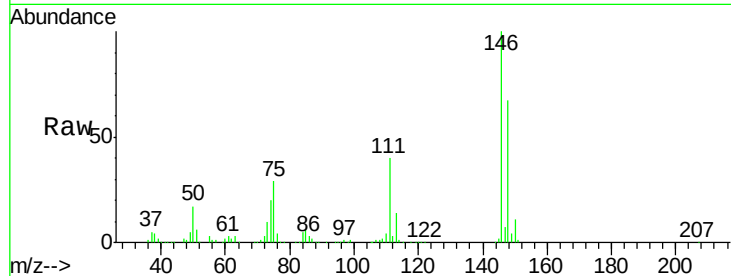
Tot Ion:146 Resp: 103204

Ion Ratio Lower Upper

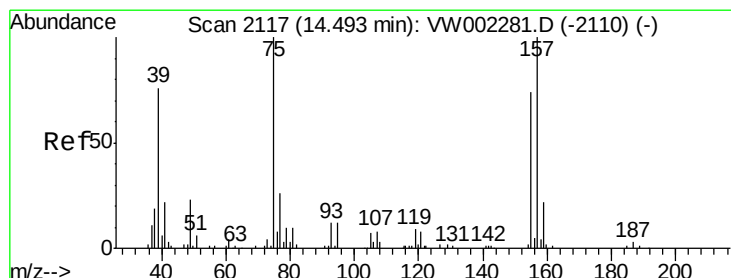
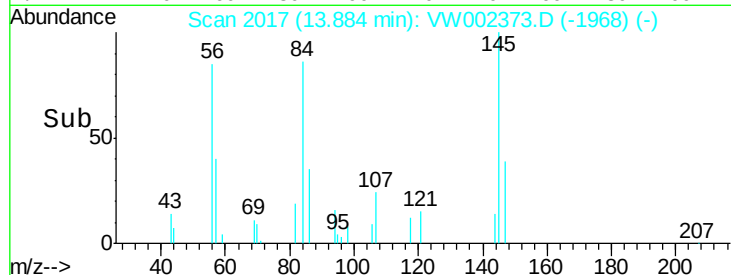
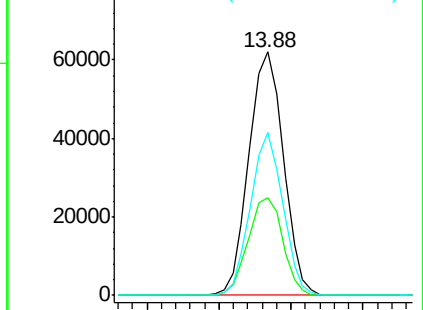
146 100

111 40.2 20.0 59.9

148 62.8 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.49 ug/l

RT: 14.50 min Scan# 2118

Delta R.T. 0.01 min

Lab File: VW002373.D

Acq: 10 May 2018 12:12

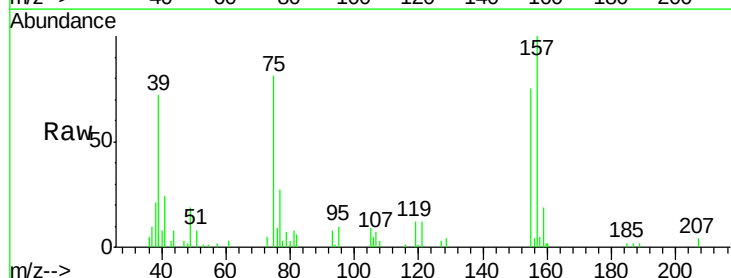
Tgt Ion: 75 Resp: 6468

Ion Ratio Lower Upper

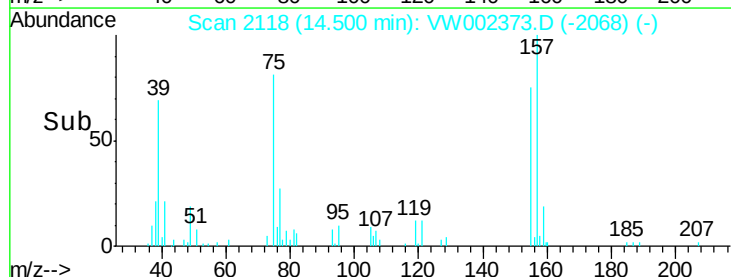
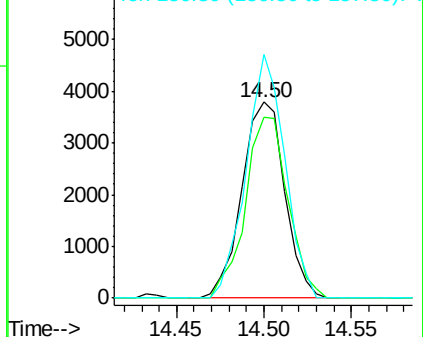
75 100

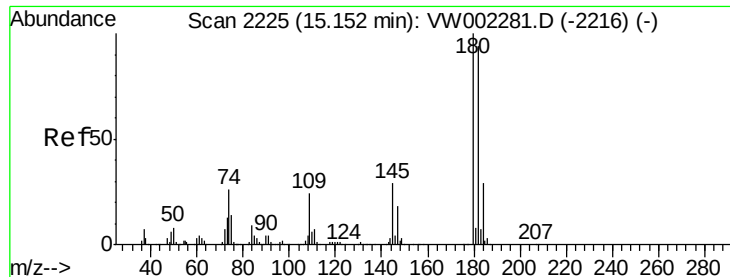
155 91.9 43.3 129.8

157 111.8 55.8 167.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

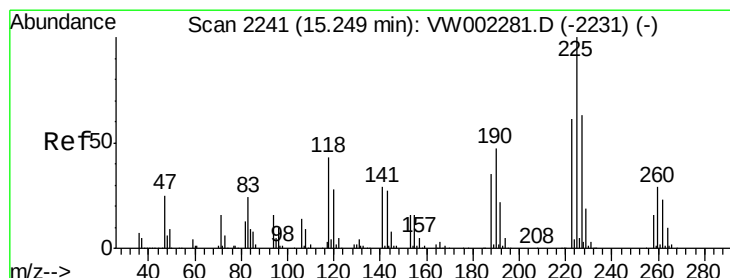
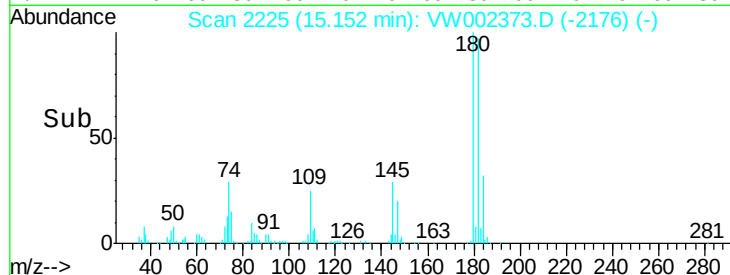
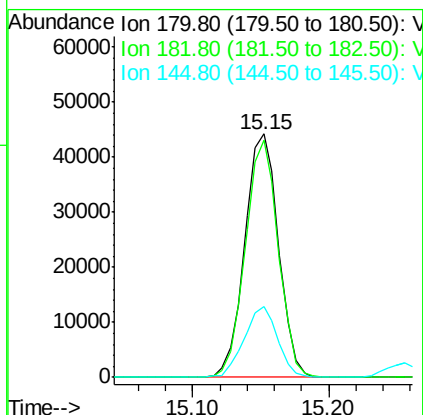
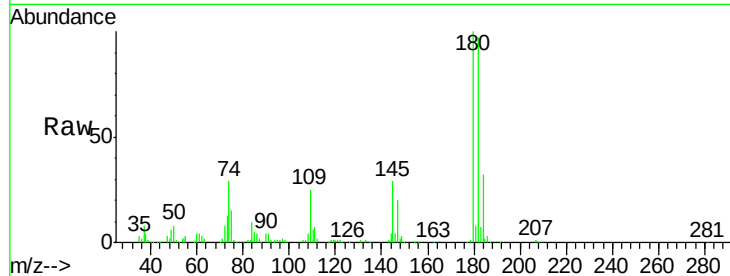




#93
 1,2,4-Trichlorobenzene
 Concen: 21.40 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

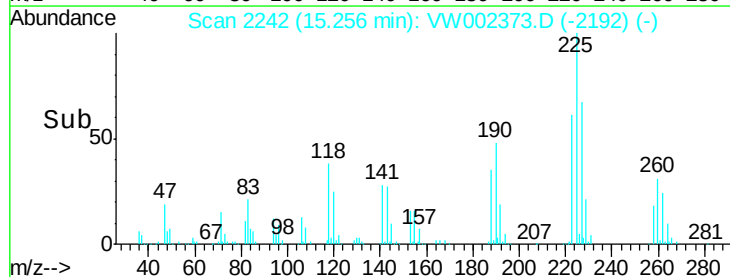
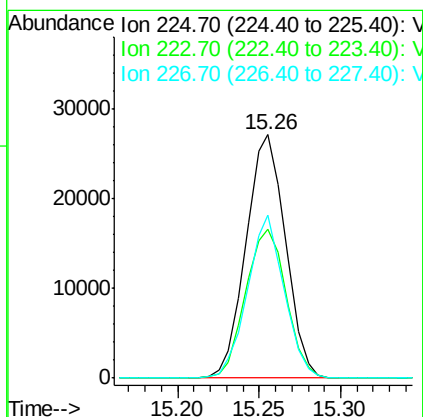
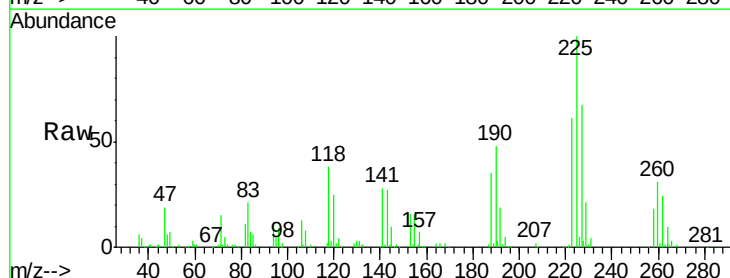
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

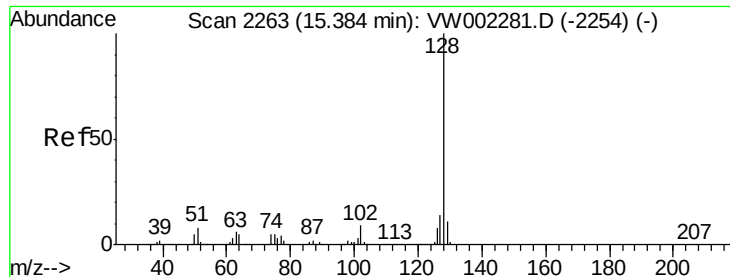
Tot Ion:180 Resp: 76653
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.8
 145 29.0 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 22.90 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW002373.D
 Acq: 10 May 2018 12:12

Tgt Ion:225 Resp: 45685
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.7
 227 62.5 32.0 96.0

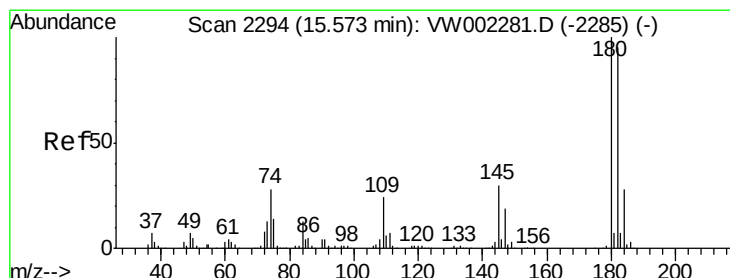
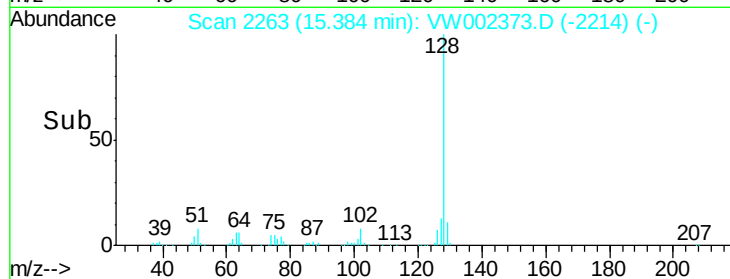
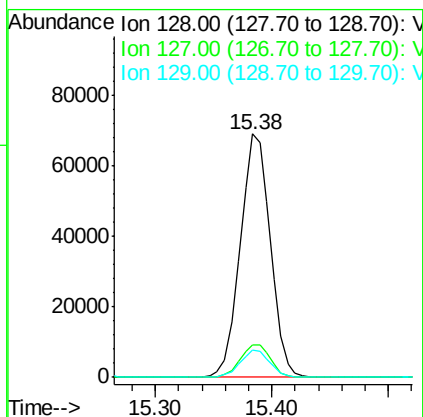
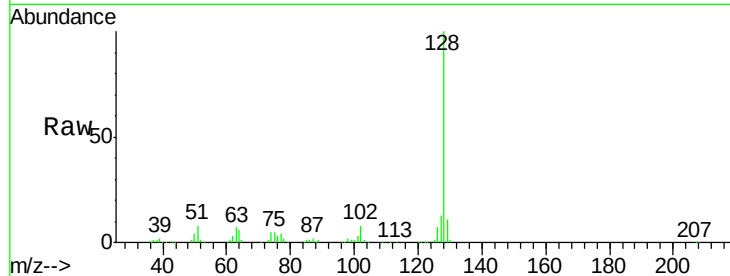




#95
Naphthalene
Concen: 18.91 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS02

Tot Ion:128 Resp: 124530
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.65 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW002373.D
Acq: 10 May 2018 12:12

Tgt Ion:180 Resp: 66336
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 31.2 15.7 47.0

