

Data File : VW008940.D
Acq On : 02 Mar 2019 01:03
Operator : SY/VA
Sample : VW0301SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

Quant Time: Mar 02 04:49:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	194288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137198	59.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.70%	
35) Dibromofluoromethane	7.88	113	121765	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
50) Toluene-d8	10.32	98	451558	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	174678	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	43874	17.922	ug/l	99
3) Chloromethane	2.21	50	61194	20.535	ug/l	98
4) Vinyl Chloride	2.35	62	58692	18.602	ug/l	97
5) Bromomethane	2.75	94	53902	23.000	ug/l	97
6) Chloroethane	2.90	64	46463	20.738	ug/l	95
7) Trichlorofluoromethane	3.25	101	80556	20.187	ug/l	98
8) Diethyl Ether	3.68	74	28275	22.381	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50243	20.734	ug/l	99
10) Methyl Iodide	4.26	142	51915	17.132	ug/l	99
11) Tert butyl alcohol	5.18	59	20219	99.068	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	42976	20.081	ug/l	91
13) Acrolein	3.90	56	14261	80.785	ug/l	94
14) Allyl chloride	4.67	41	77820	21.069	ug/l	98
15) Acrylonitrile	5.37	53	62860	115.937	ug/l	97
16) Acetone	4.12	43	51124	96.210	ug/l	93
17) Carbon Disulfide	4.37	76	130854	18.429	ug/l	98
18) Methyl Acetate	4.67	43	29160	23.136	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	136568	23.576	ug/l	96
20) Methylene Chloride	4.92	84	64378	21.702	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	53496	21.610	ug/l	99
22) Diisopropyl ether	6.31	45	174551	23.690	ug/l	92
23) Vinyl Acetate	6.26	43	523073	114.900	ug/l	100
24) 1,1-Dichloroethane	6.21	63	98246	23.010	ug/l	98
25) 2-Butanone	7.17	43	80014	107.704	ug/l	96
26) 2,2-Dichloropropane	7.17	77	71558	18.460	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	60470	22.835	ug/l	95
28) Bromochloromethane	7.51	49	41287	23.108	ug/l	99
29) Tetrahydrofuran	7.53	42	53623	113.265	ug/l	100
30) Chloroform	7.68	83	101955	23.277	ug/l	99
31) Cyclohexane	7.95	56	87122	20.158	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	89254	22.407	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77074	21.293	ug/l	100
37) Ethyl Acetate	7.25	43	37933	22.536	ug/l	99
38) Carbon Tetrachloride	8.07	117	78992	20.693	ug/l	96

Data File : VW008940.D
Acq On : 02 Mar 2019 01:03
Operator : SY/VA
Sample : VW0301SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

Quant Time: Mar 02 04:49:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85691	18.980	ug/l	96
40) Benzene	8.32	78	221295	22.392	ug/l	98
41) Methacrylonitrile	7.48	41	20889	21.112	ug/l	94
42) 1,2-Dichloroethane	8.40	62	72198	23.062	ug/l	99
43) Isopropyl Acetate	8.43	43	73695	21.937	ug/l	98
44) Trichloroethene	9.09	130	62559	22.470	ug/l	98
45) 1,2-Dichloropropane	9.37	63	56402	23.095	ug/l	96
46) Dibromomethane	9.46	93	30522	22.468	ug/l	100
47) Bromodichloromethane	9.65	83	76856	23.254	ug/l	94
48) Methyl methacrylate	9.43	41	31850	19.795	ug/l	99
49) 1,4-Dioxane	9.46	88	8688	399.372	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	182046	106.737	ug/l	100
52) Toluene	10.39	92	144830	21.593	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	71864	21.332	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	83900	21.837	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	43190	23.444	ug/l	98
56) Ethyl methacrylate	10.65	69	50081	20.924	ug/l	96
57) 1,3-Dichloropropane	10.93	76	75063	23.077	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	138549	115.094	ug/l	98
59) 2-Hexanone	10.97	43	119253	98.224	ug/l	99
60) Dibromochloromethane	11.13	129	51709	23.012	ug/l	98
61) 1,2-Dibromoethane	11.24	107	40036	21.955	ug/l	98
64) Tetrachloroethene	10.86	164	57653	22.286	ug/l	98
65) Chlorobenzene	11.66	112	161409	21.240	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	54685	21.282	ug/l	97
67) Ethyl Benzene	11.73	91	273987	20.169	ug/l	100
68) m/p-Xylenes	11.84	106	220515	40.627	ug/l	98
69) o-Xylene	12.16	106	102459	20.111	ug/l	99
70) Styrene	12.18	104	167444	20.429	ug/l	99
71) Bromoform	12.35	173	28999	20.996	ug/l #	100
73) Isopropylbenzene	12.47	105	271361	20.374	ug/l	99
74) N-amyl acetate	12.27	43	65792	19.610	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	46437	21.337	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	62118	38.724	ug/l #	100
77) Bromobenzene	12.75	156	69946	22.223	ug/l	95
78) n-propylbenzene	12.80	91	328234	20.146	ug/l	99
79) 2-Chlorotoluene	12.90	91	192980	20.862	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	234695	20.277	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11479	17.397	ug/l	92
82) 4-Chlorotoluene	12.99	91	201666	20.688	ug/l	99
83) tert-Butylbenzene	13.21	119	207201	20.703	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	238517	19.907	ug/l	99
85) sec-Butylbenzene	13.38	105	285931	19.869	ug/l	100
86) p-Isopropyltoluene	13.50	119	251744	19.082	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	137725	21.090	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133165	20.690	ug/l	98
89) n-Butylbenzene	13.83	91	229354	18.557	ug/l	99
90) Hexachloroethane	14.10	117	45244	20.949	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	121790	20.931	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7655	19.445	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030219\
Quantitation Report (Not Reviewed)

Data File : VW008940.D
Acq On : 02 Mar 2019 01:03
Operator : SY/VA
Sample : VW0301SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

Quant Time: Mar 02 04:49:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

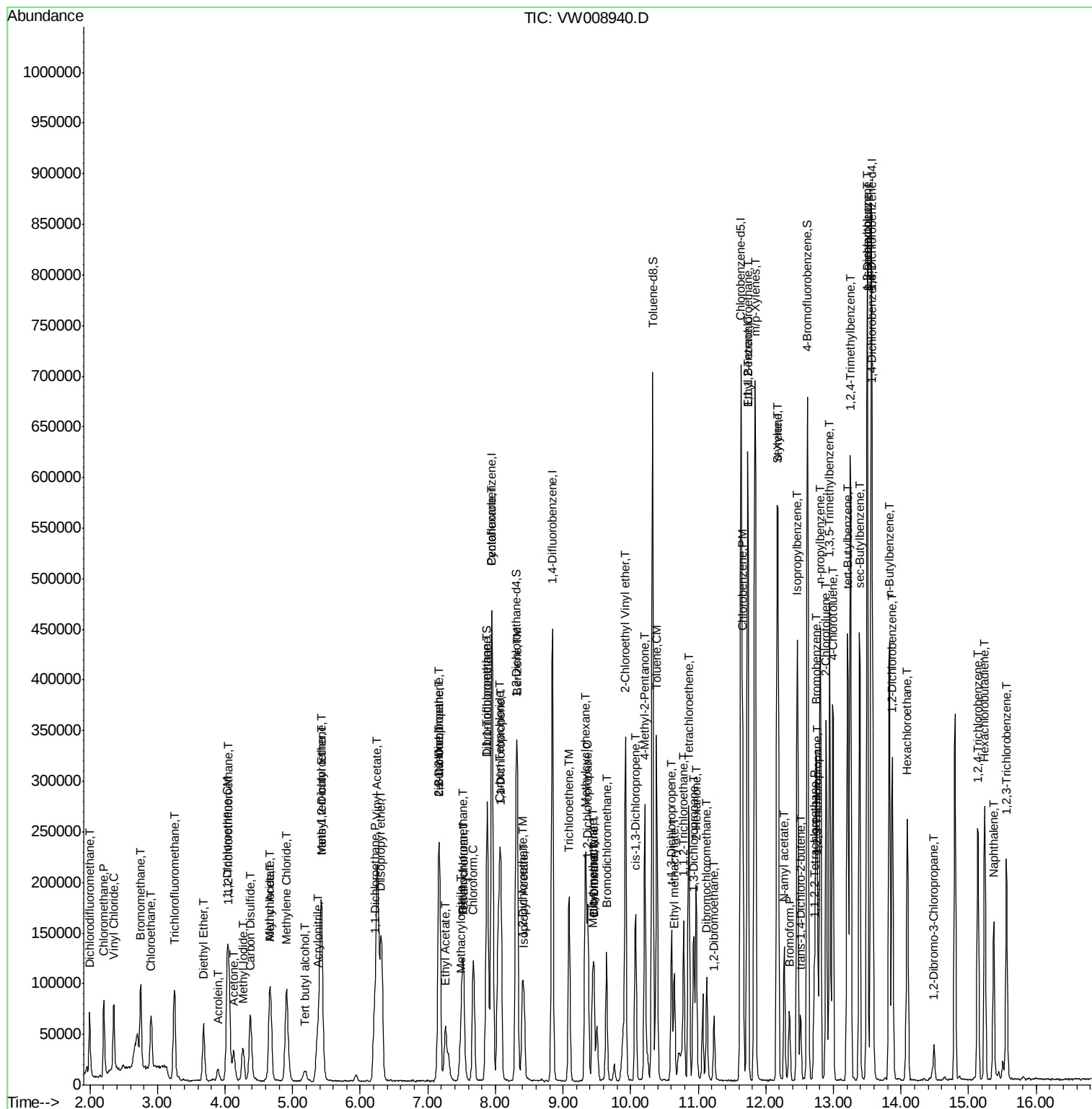
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79690	19.008	ug/l	100
94) Hexachlorobutadiene	15.24	225	49586	20.080	ug/l	99
95) Naphthalene	15.37	128	131686	18.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	70870	19.551	ug/l	98

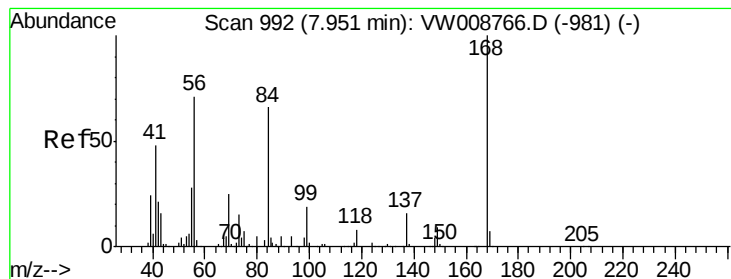
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008940.D
Acq On : 02 Mar 2019 01:03
Operator : SY/VA
Sample : VW0301SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

Quant Time: Mar 02 04:49:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

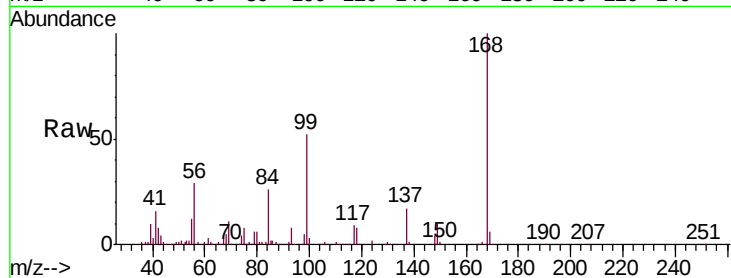
VW0302SBS02

Tgt Ion:168 Resp: 244425

Ion Ratio Lower Upper

168 100

99 52.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

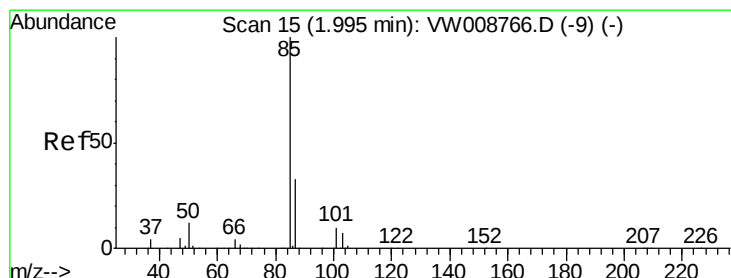
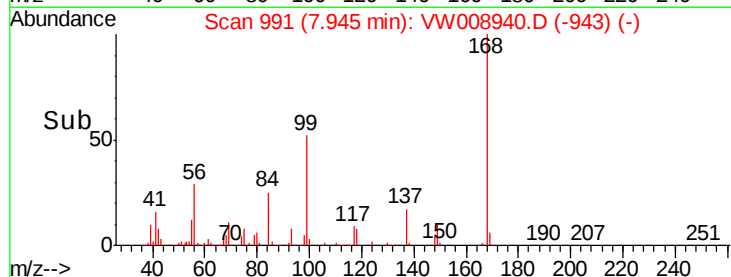
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.922 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008940.D

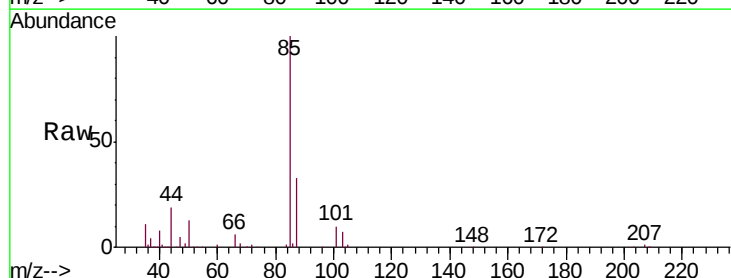
Acq: 02 Mar 2019 01:03

Tgt Ion: 85 Resp: 43874

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

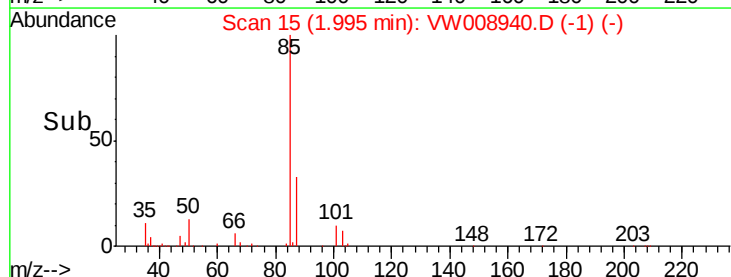
30000

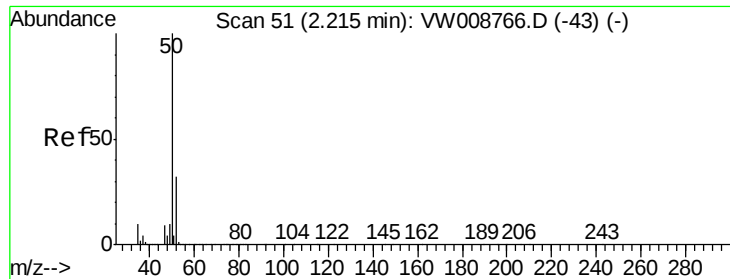
20000

10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 20.535 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

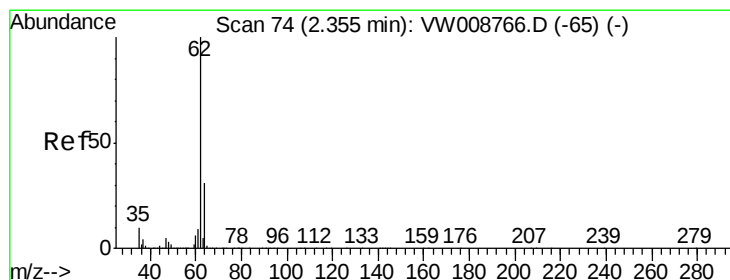
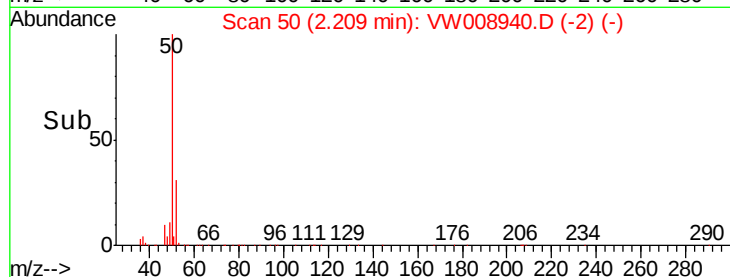
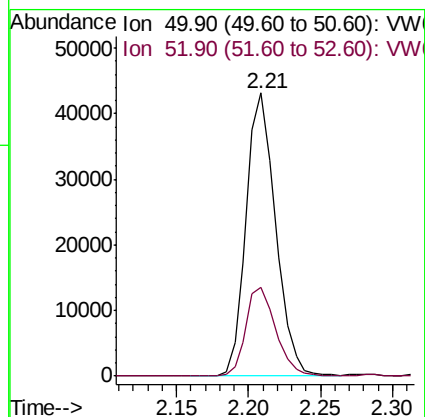
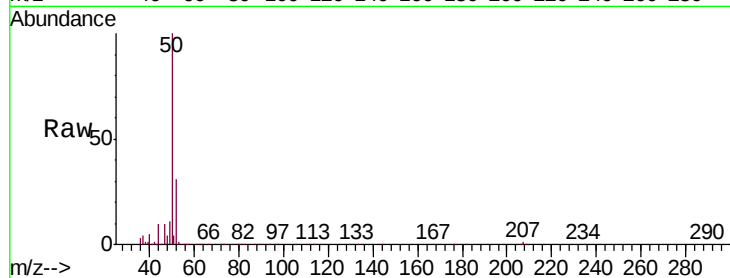
VW0302SBS02

Tgt Ion: 50 Resp: 61194

Ion Ratio Lower Upper

50 100

52 31.3 25.9 38.9



#4

Vinyl Chloride

Concen: 18.602 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008940.D

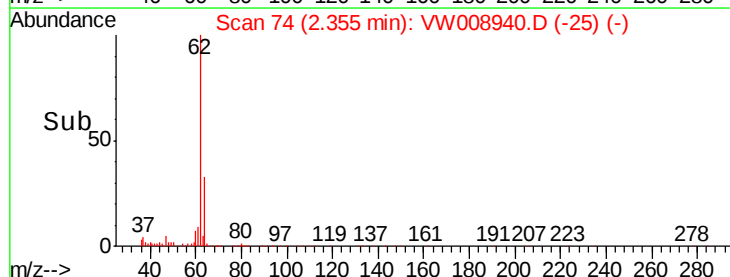
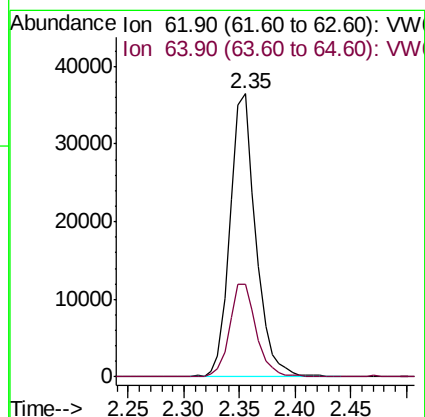
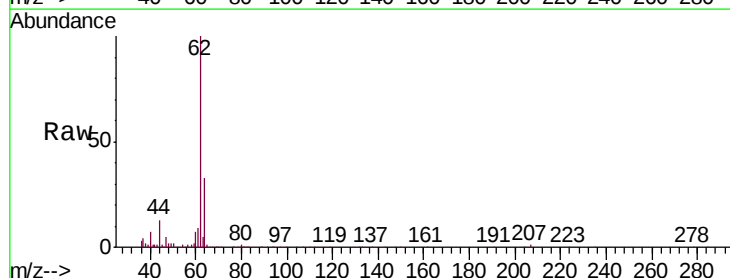
Acq: 02 Mar 2019 01:03

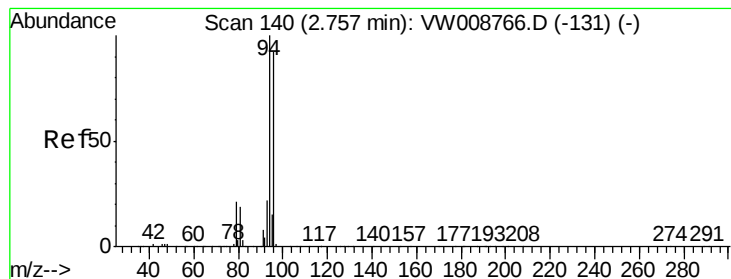
Tgt Ion: 62 Resp: 58692

Ion Ratio Lower Upper

62 100

64 32.5 24.9 37.3





#5

Bromomethane

Concen: 23.000 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

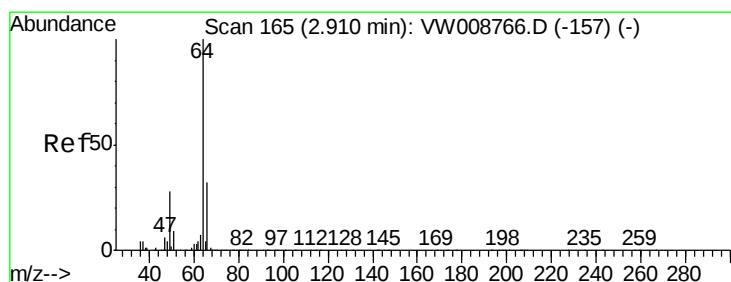
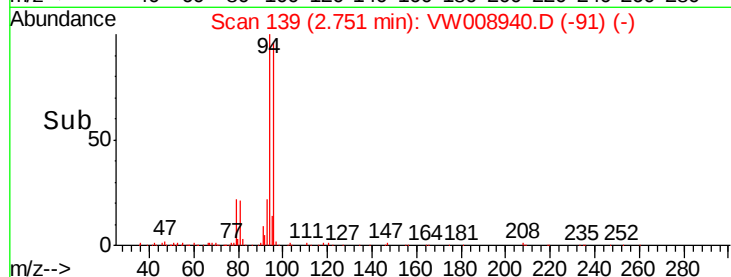
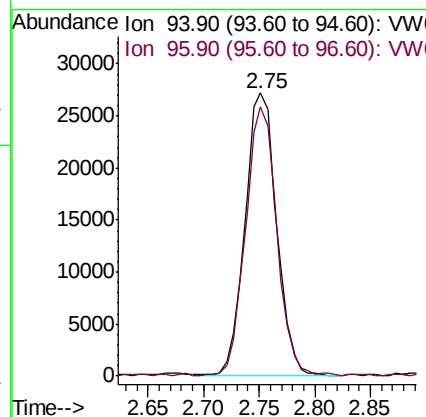
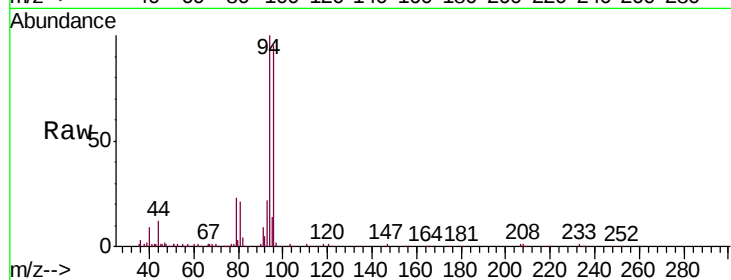
VW0302SBS02

Tgt Ion: 94 Resp: 53902

Ion Ratio Lower Upper

94 100

96 95.1 73.4 110.2



#6

Chloroethane

Concen: 20.738 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW008940.D

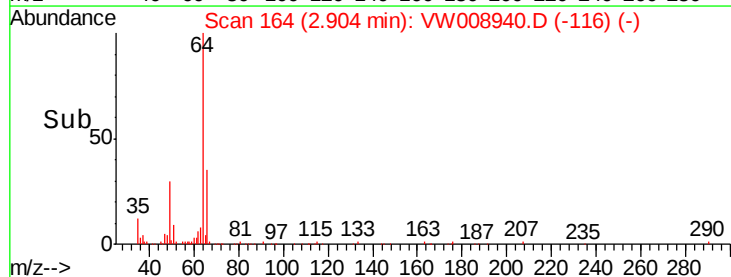
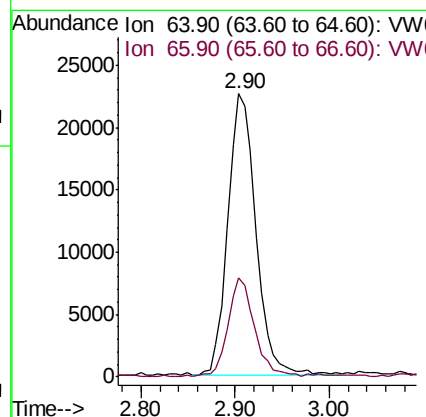
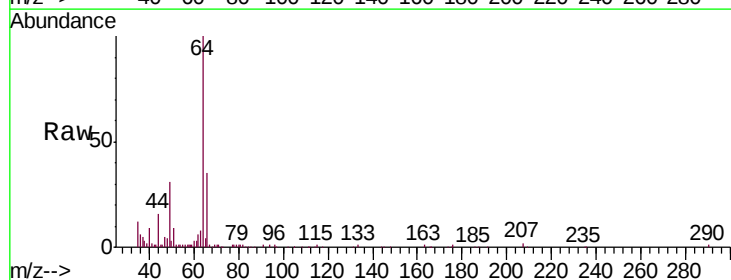
Acq: 02 Mar 2019 01:03

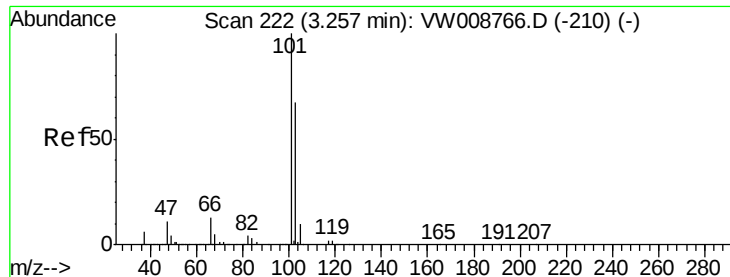
Tgt Ion: 64 Resp: 46463

Ion Ratio Lower Upper

64 100

66 34.9 25.5 38.3



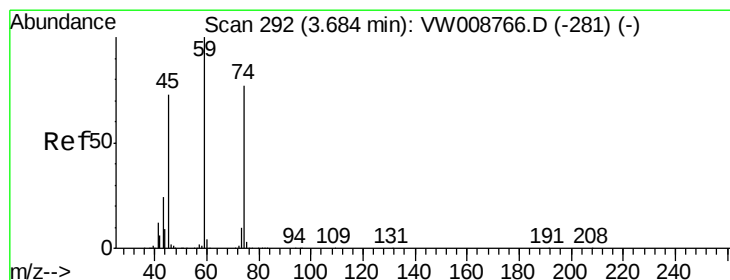
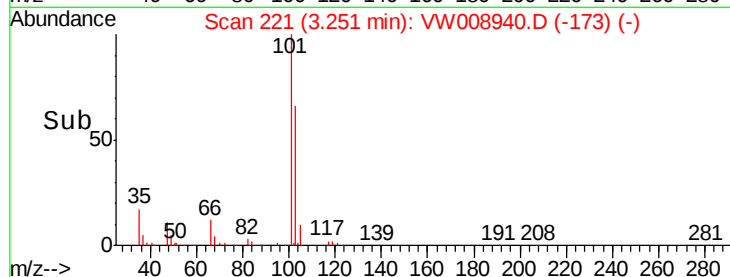
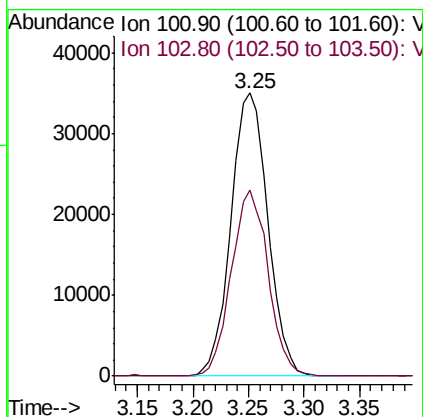
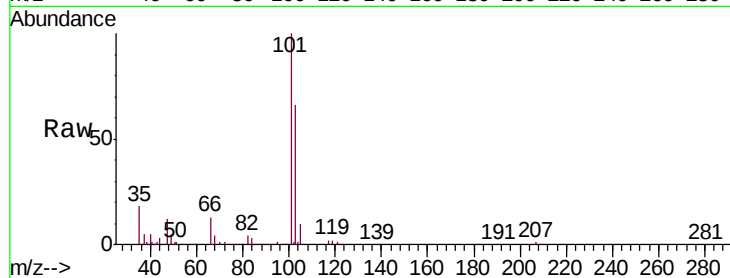


#7

Trichlorofluoromethane
 Concen: 20.187 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

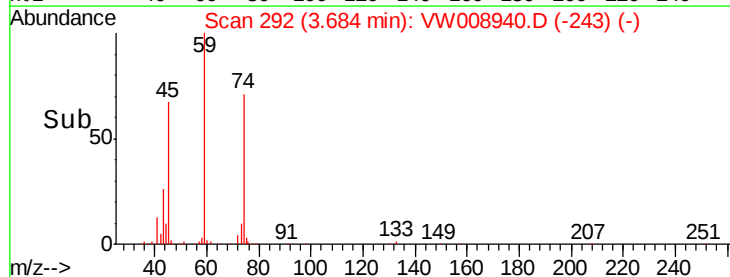
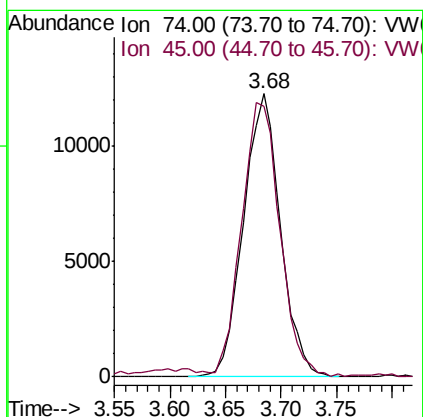
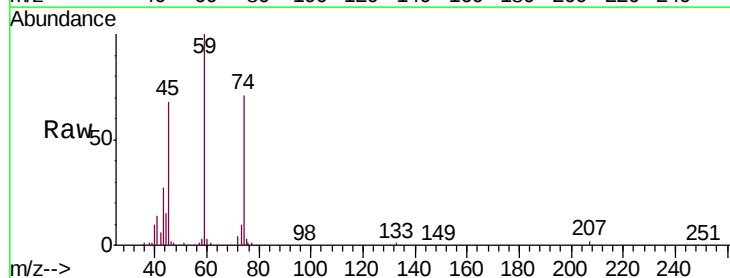
Tgt Ion:101 Resp: 80556
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.9 80.9

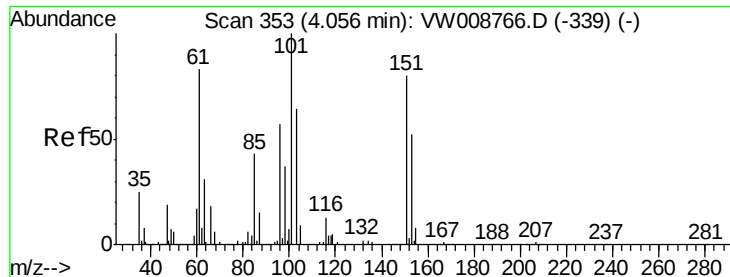


#8

Diethyl Ether
 Concen: 22.381 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion: 74 Resp: 28275
 Ion Ratio Lower Upper
 74 100
 45 100.8 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.734 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

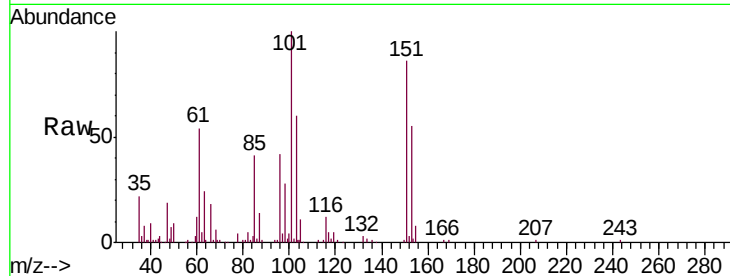
Tgt Ion:101 Resp: 50243

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

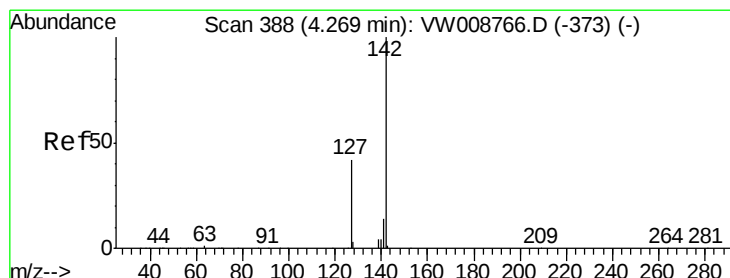
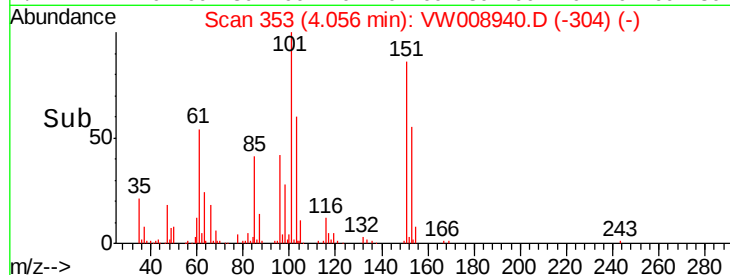
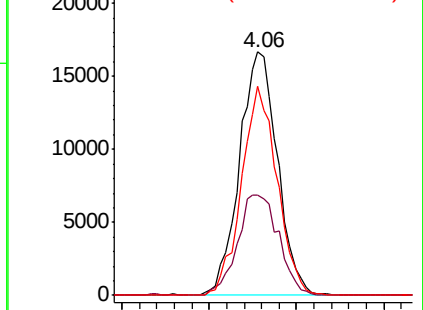
151 80.3 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.132 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

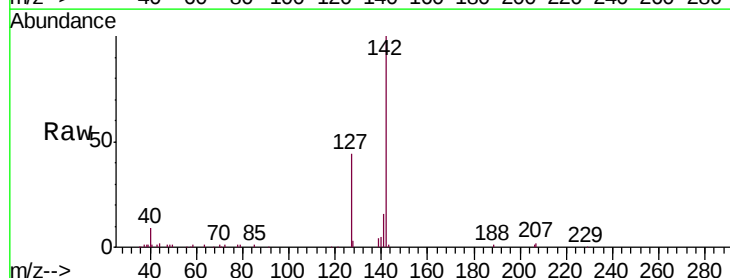
Tgt Ion:142 Resp: 51915

Ion Ratio Lower Upper

142 100

127 43.7 35.3 52.9

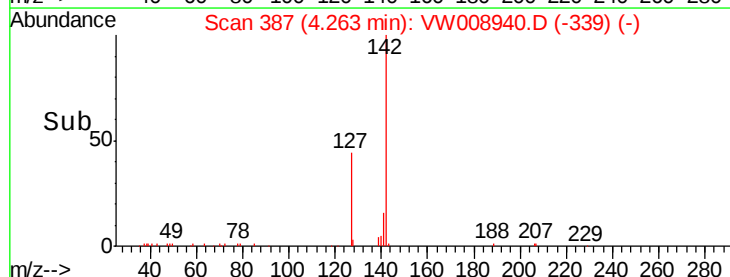
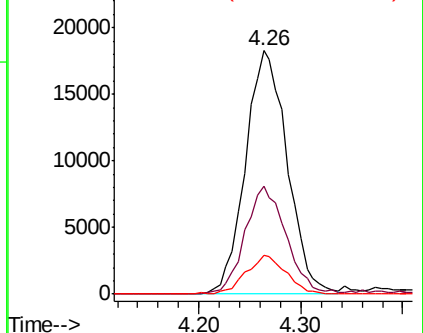
141 15.4 11.7 17.5

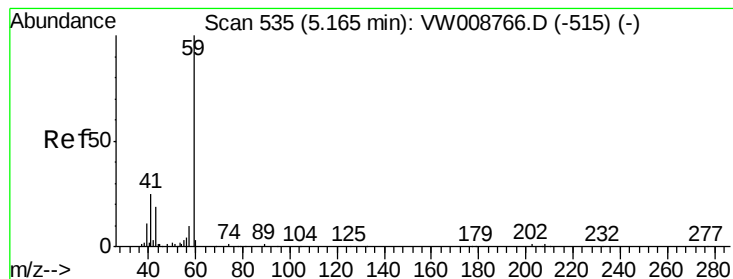


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



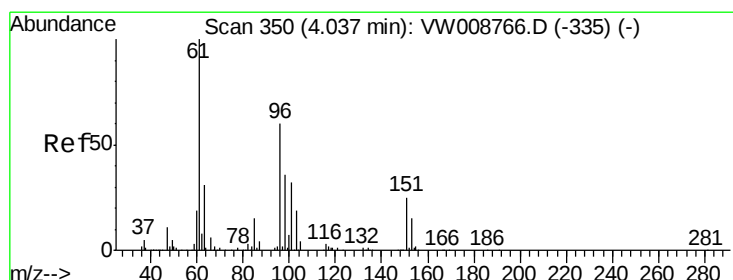
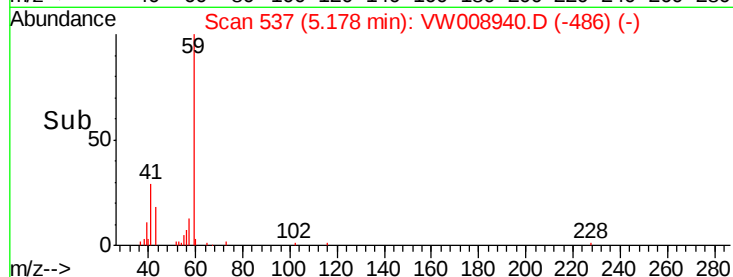
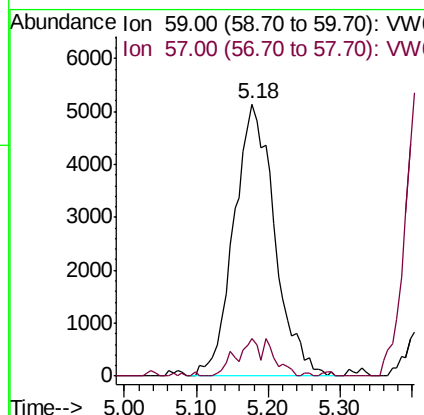
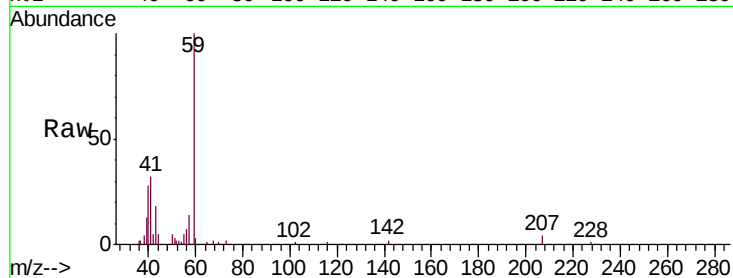


#11

Tert butyl alcohol
 Concen: 99.068 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

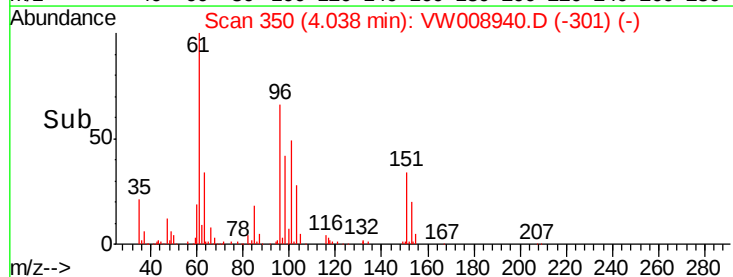
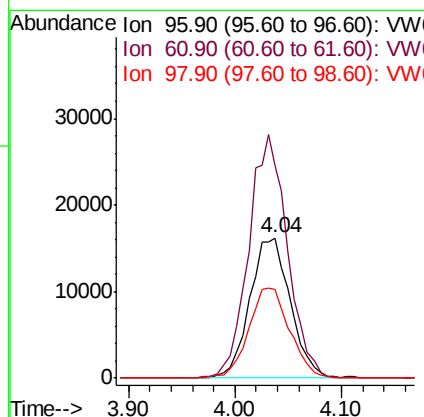
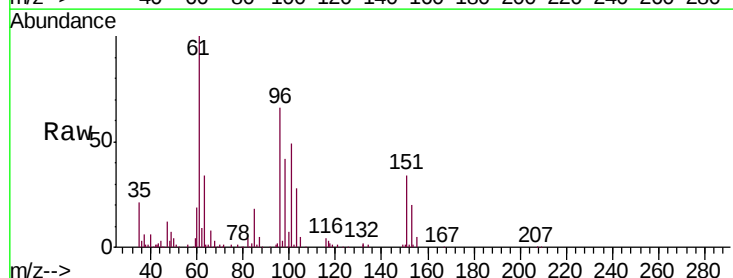
Tgt Ion: 59 Resp: 20219
 Ion Ratio Lower Upper
 59 100
 57 4.8 9.3 13.9#

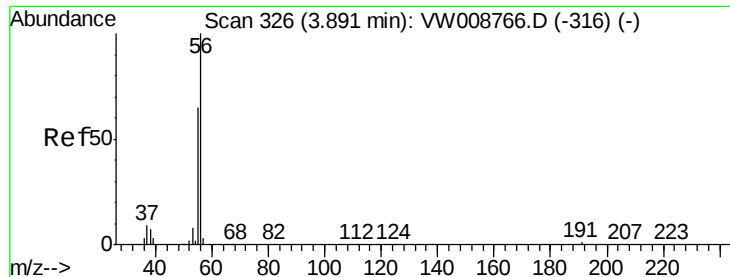


#12

1,1-Dichloroethene
 Concen: 20.081 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion: 96 Resp: 42976
 Ion Ratio Lower Upper
 96 100
 61 151.3 132.5 198.7
 98 62.9 48.2 72.4





#13

Acrolein

Concen: 80.785 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

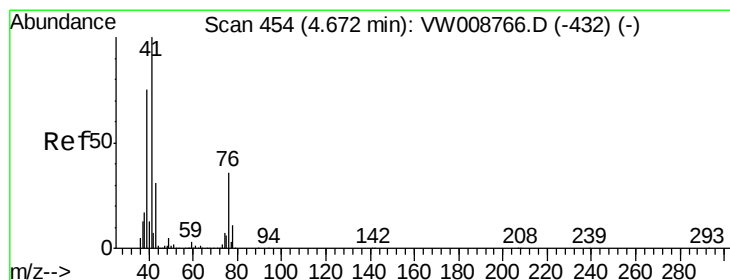
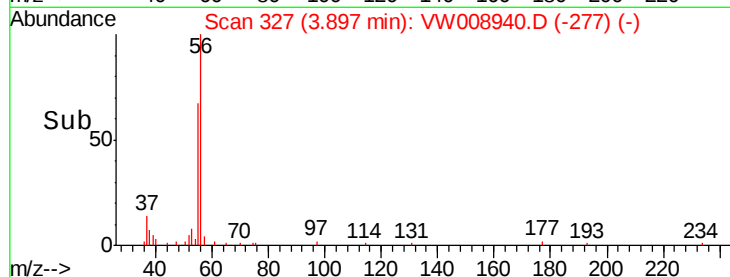
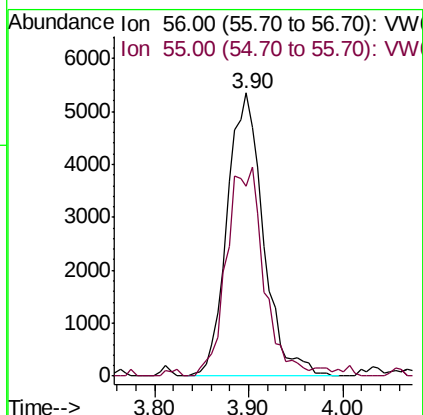
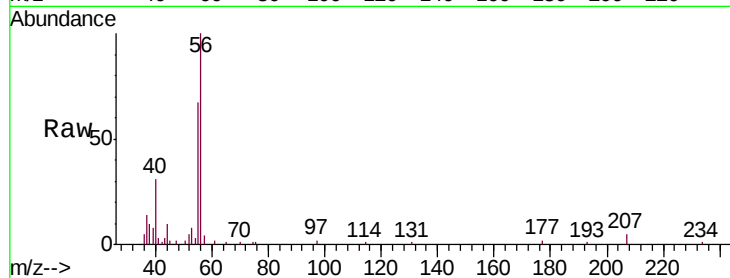
VW0302SBS02

Tgt Ion: 56 Resp: 14261

Ion Ratio Lower Upper

56 100

55 75.7 56.9 85.3



#14

Allyl chloride

Concen: 21.069 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

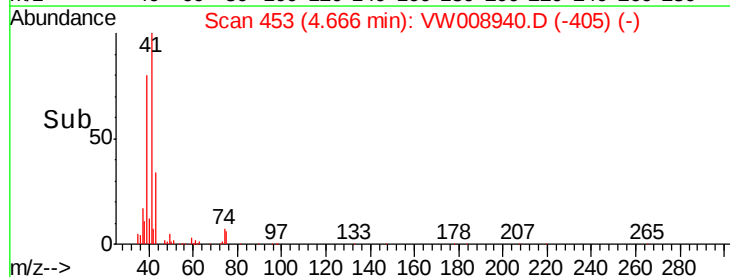
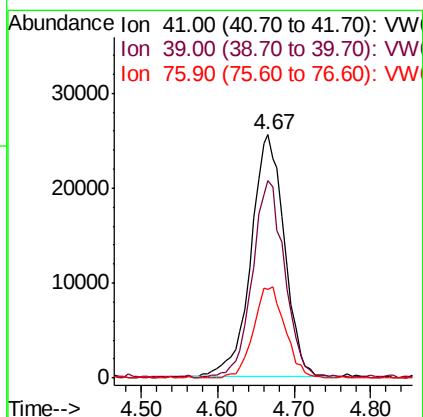
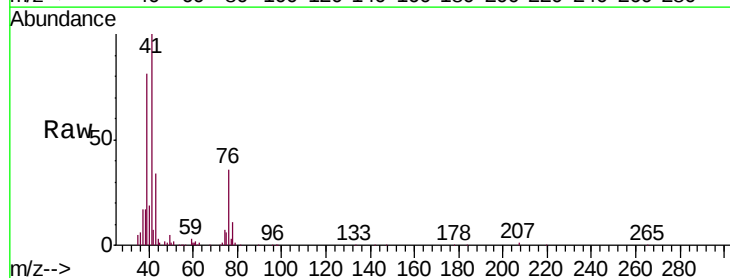
Tgt Ion: 41 Resp: 77820

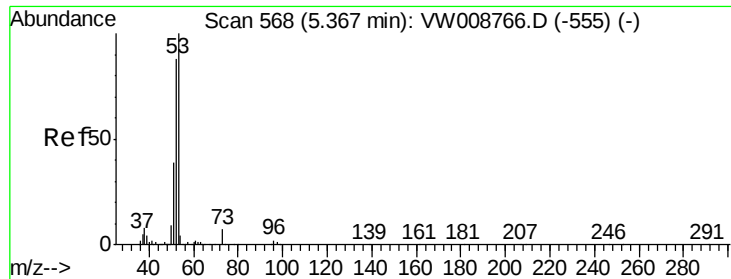
Ion Ratio Lower Upper

41 100

39 77.8 60.6 91.0

76 35.9 28.6 42.8





#15

Acrylonitrile

Concen: 115.937 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

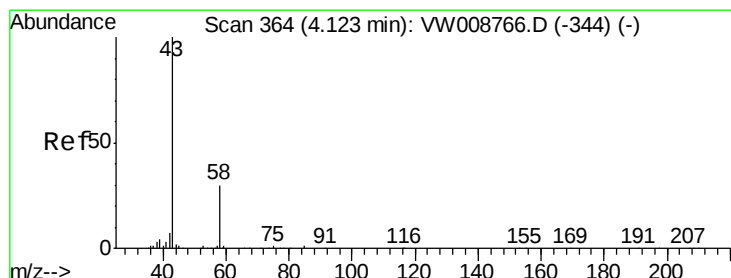
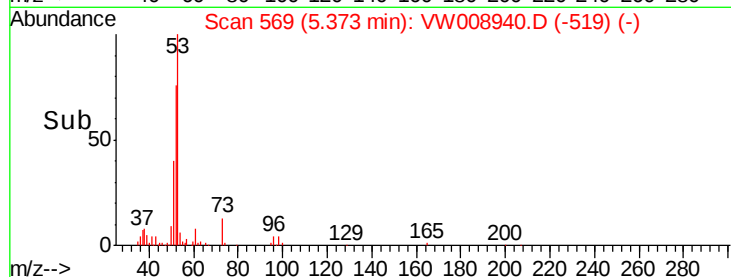
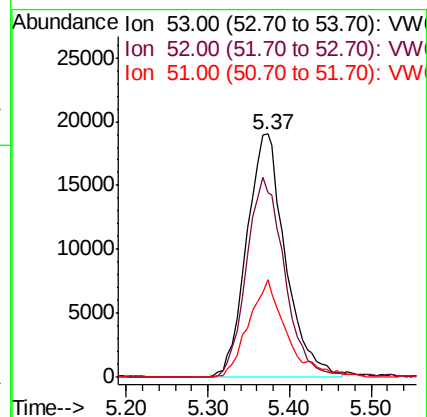
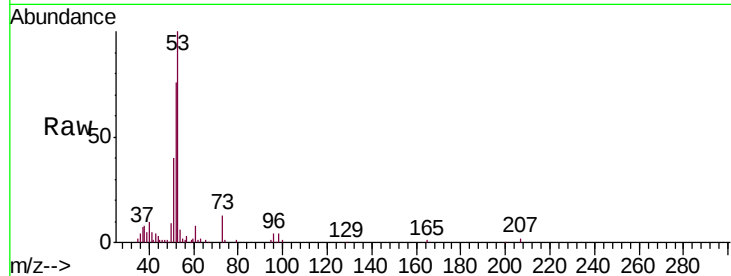
Tgt Ion: 53 Resp: 62860

Ion Ratio Lower Upper

53 100

52 80.9 67.2 100.8

51 39.4 31.1 46.7



#16

Acetone

Concen: 96.210 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008940.D

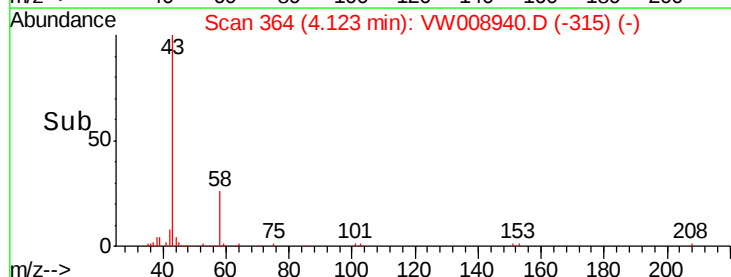
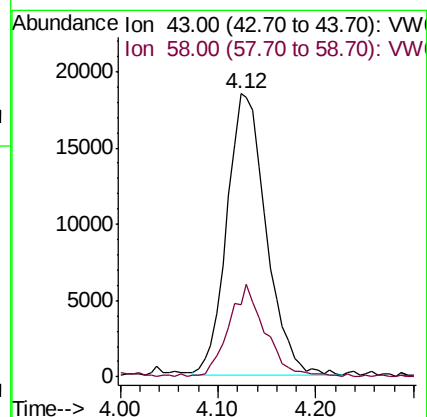
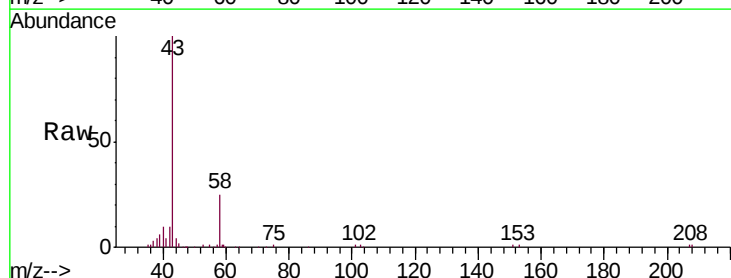
Acq: 02 Mar 2019 01:03

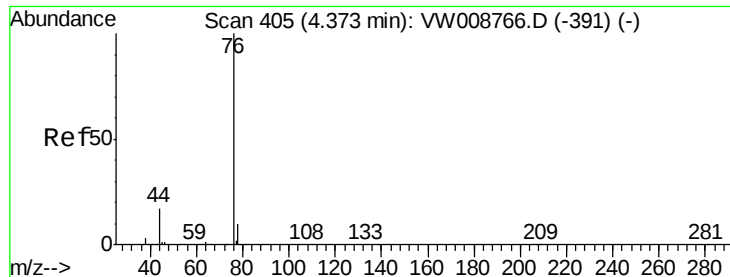
Tgt Ion: 43 Resp: 51124

Ion Ratio Lower Upper

43 100

58 25.7 23.8 35.6

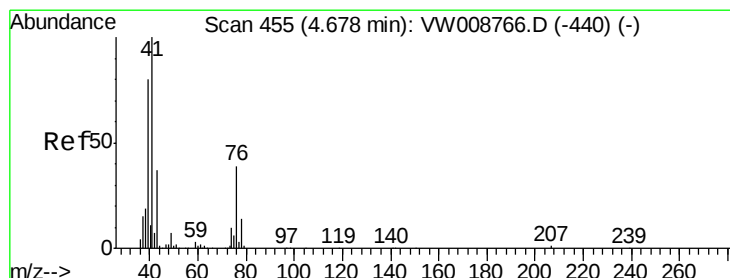
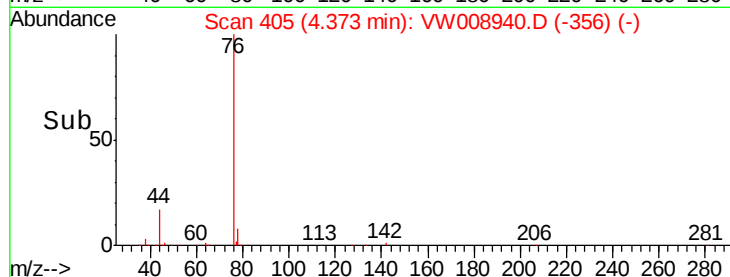
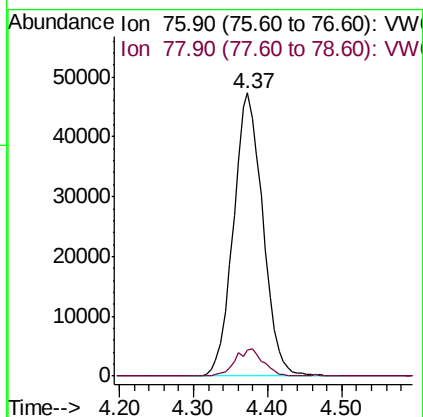
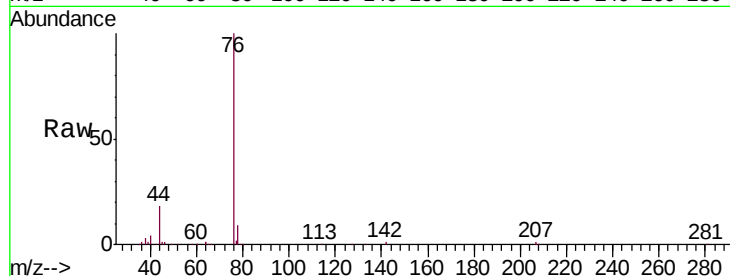




#17
Carbon Disulfide
Concen: 18.429 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

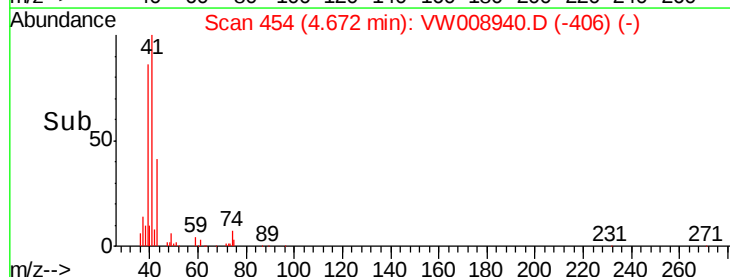
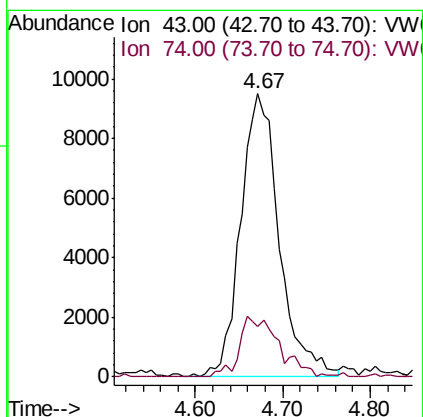
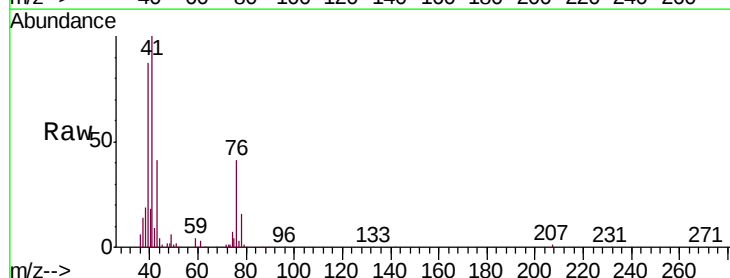
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

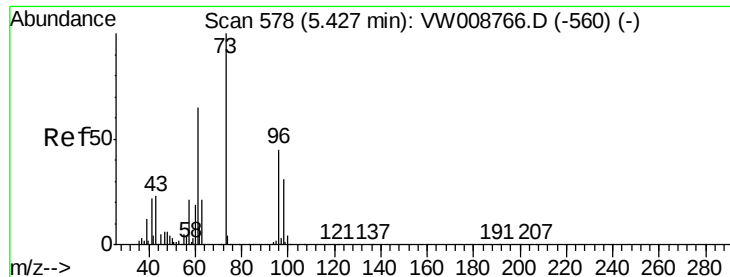
Tgt Ion: 76 Resp: 130854
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8



#18
Methyl Acetate
Concen: 23.136 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion: 43 Resp: 29160
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2

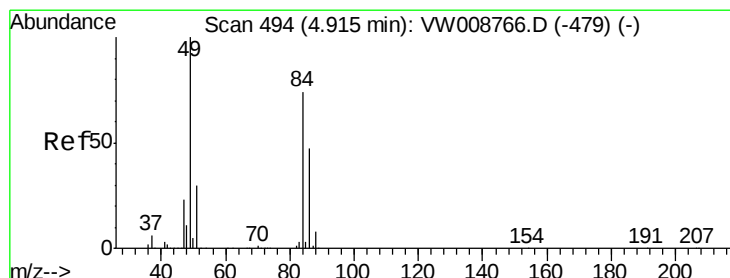
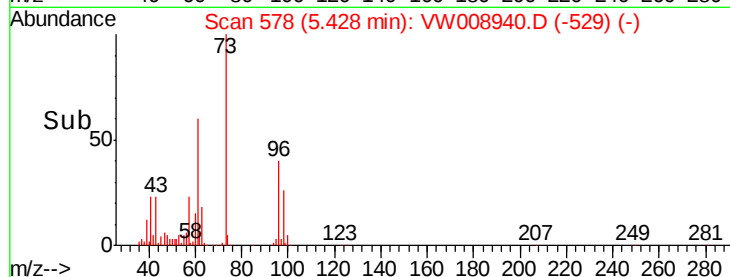
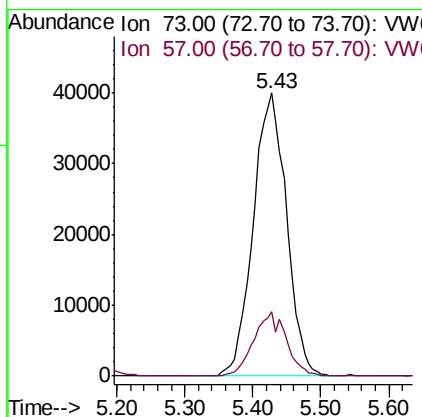
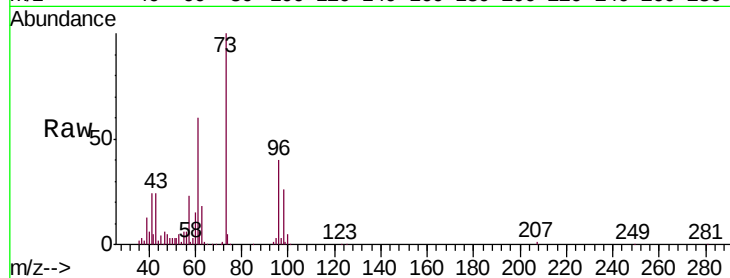




#19
Methyl tert-butyl Ether
Concen: 23.576 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

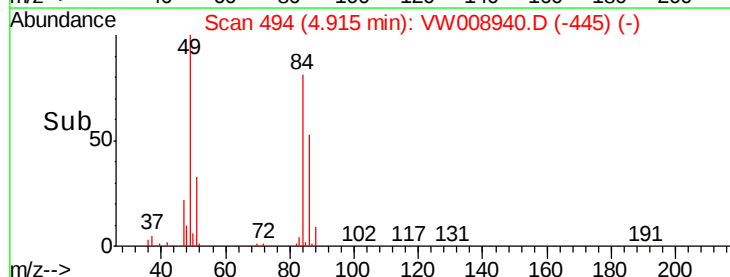
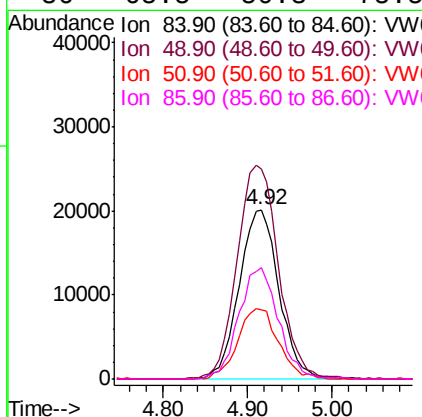
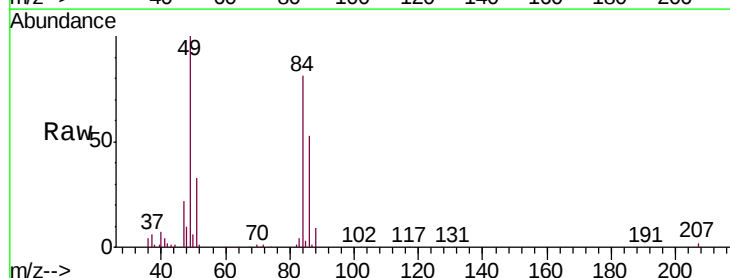
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

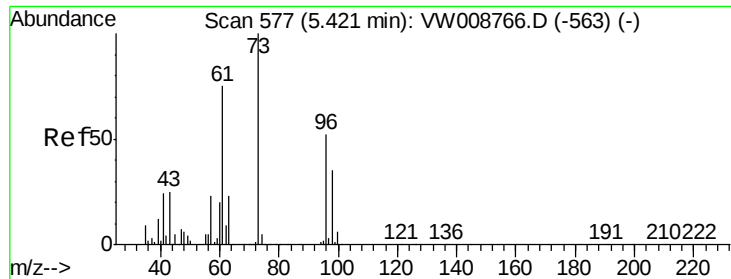
Tgt Ion: 73 Resp: 136568
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2



#20
Methylene Chloride
Concen: 21.702 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion: 84 Resp: 64378
Ion Ratio Lower Upper
84 100
49 123.3 108.2 162.2
51 41.0 32.7 49.1
86 65.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 21.610 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

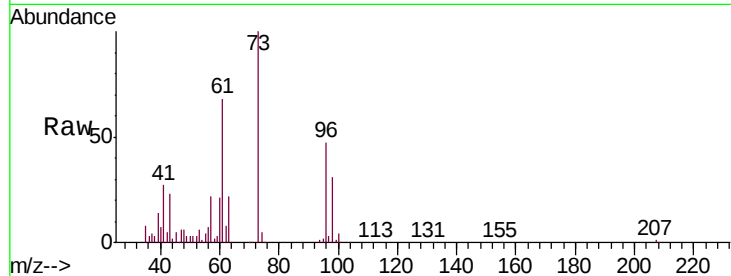
Tgt Ion: 96 Resp: 53496

Ion Ratio Lower Upper

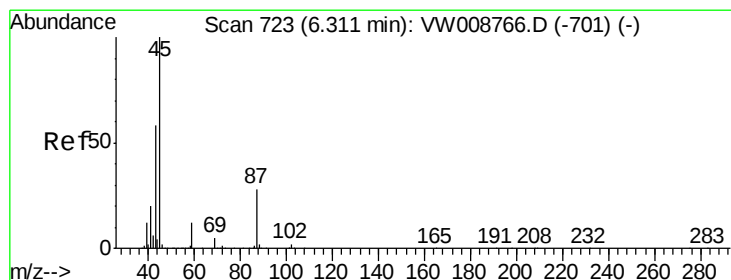
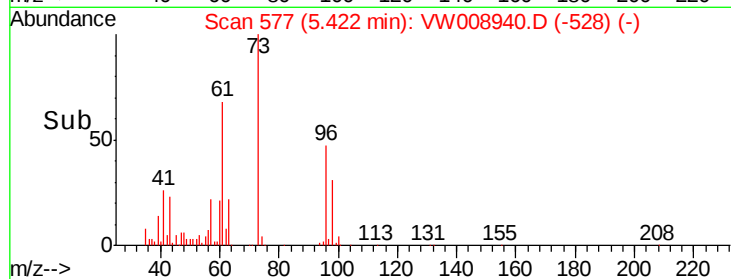
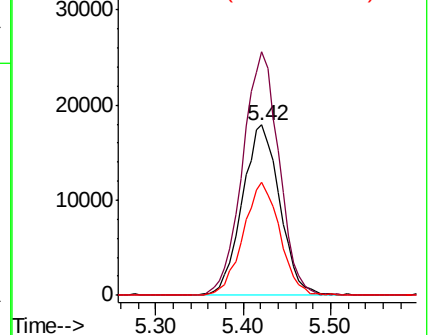
96 100

61 143.0 114.6 171.8

98 66.1 54.0 81.0



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 23.690 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Tgt Ion: 45 Resp: 174551

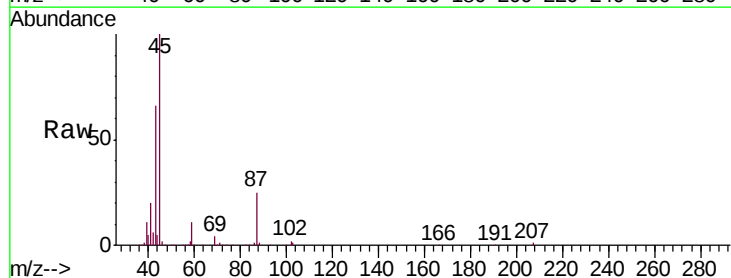
Ion Ratio Lower Upper

45 100

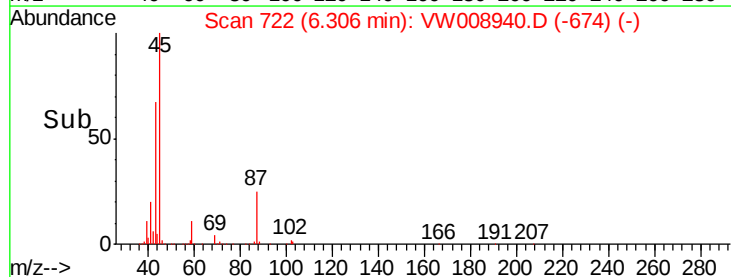
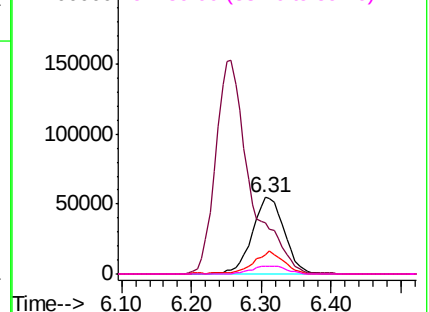
43 65.7 46.1 69.1

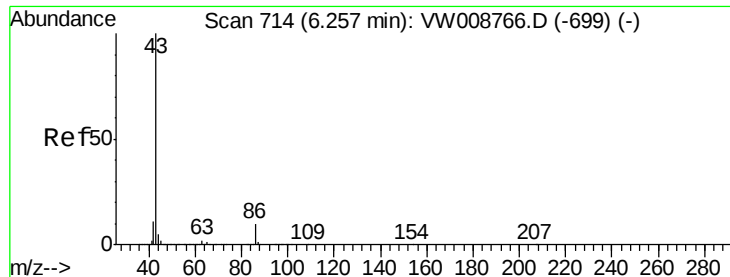
87 25.1 22.2 33.4

59 10.7 10.0 15.0



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 114.900 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

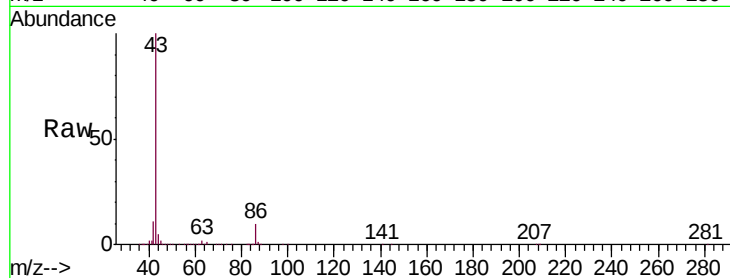
VW0302SBS02

Tgt Ion: 43 Resp: 523073

Ion Ratio Lower Upper

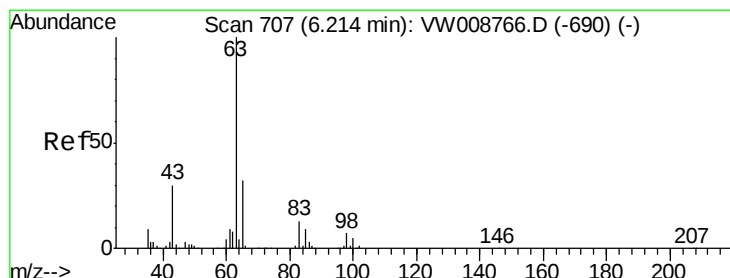
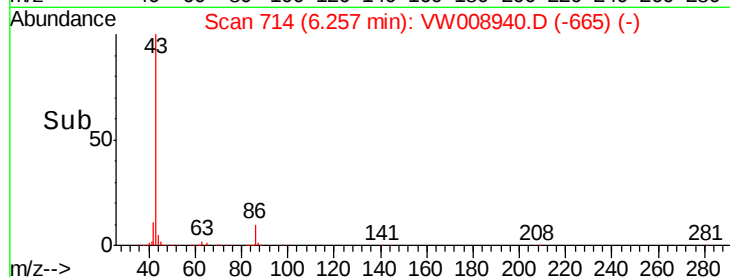
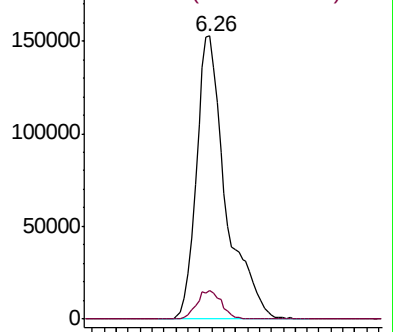
43 100

86 10.0 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 23.010 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

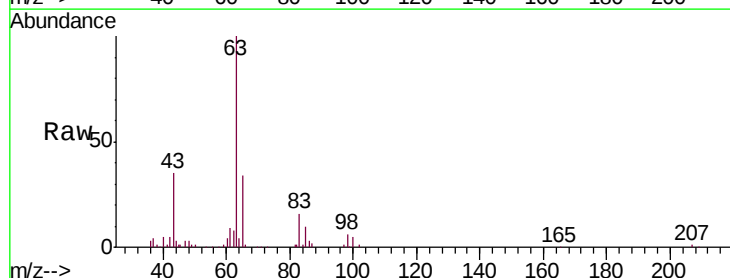
Tgt Ion: 63 Resp: 98246

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.6

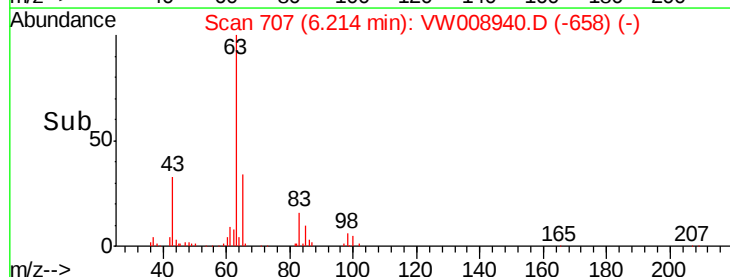
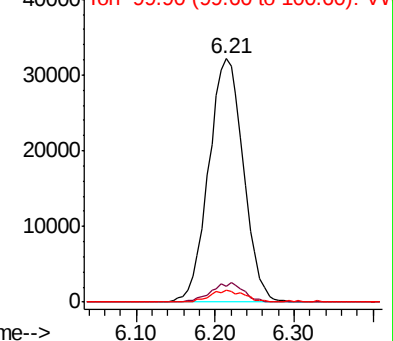
100 4.4 2.4 7.2

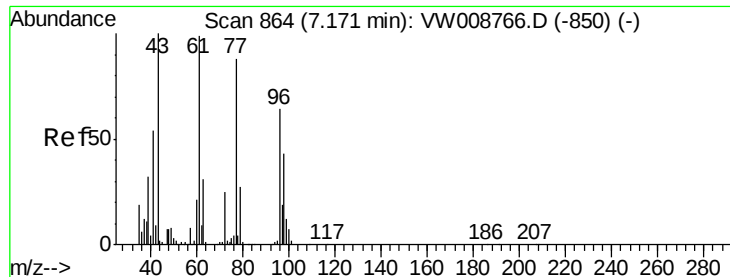


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 107.704 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

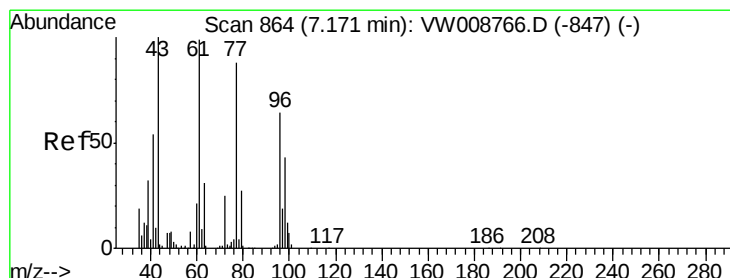
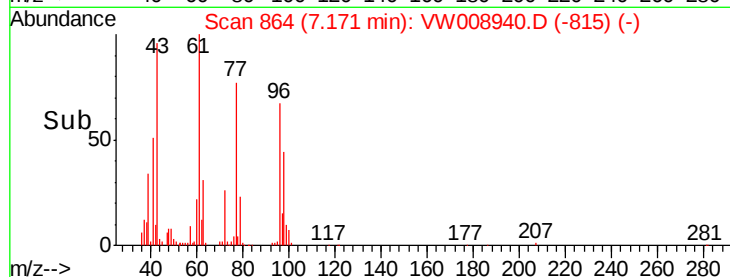
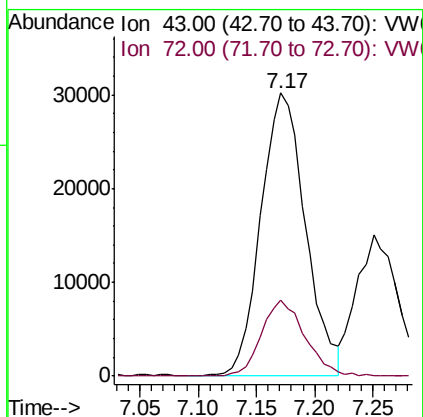
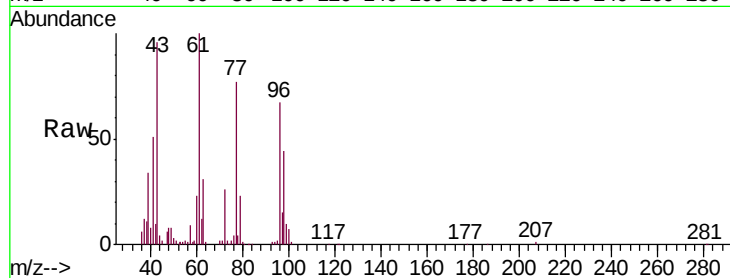
VW0302SBS02

Tgt Ion: 43 Resp: 80014

Ion Ratio Lower Upper

43 100

72 26.7 19.7 29.5



#26

2,2-Dichloropropane

Concen: 18.460 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008940.D

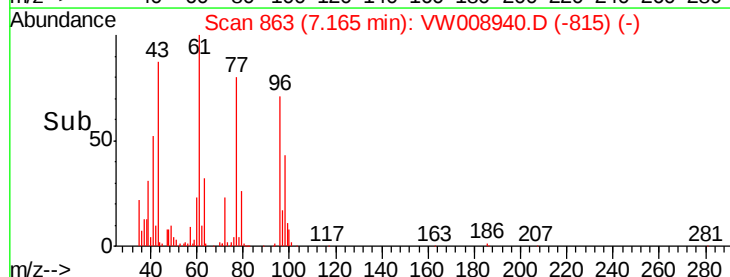
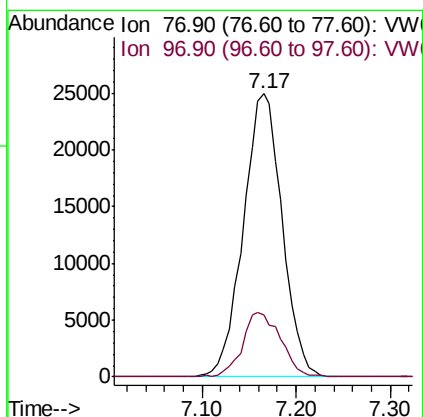
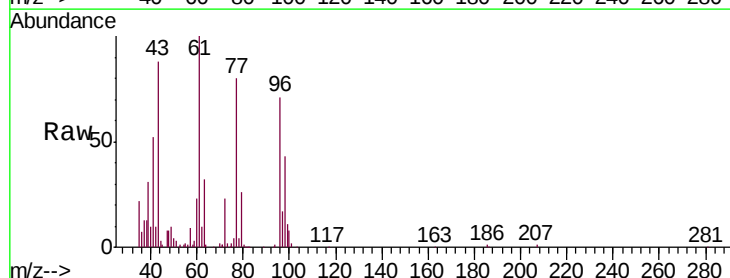
Acq: 02 Mar 2019 01:03

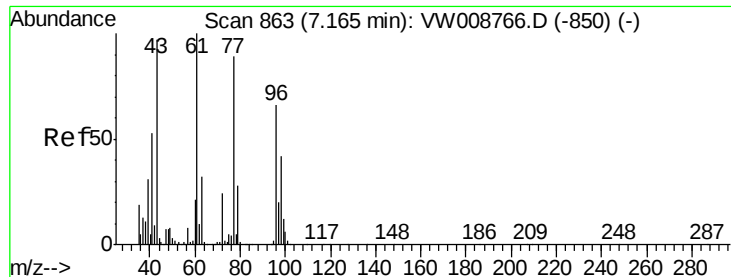
Tgt Ion: 77 Resp: 71558

Ion Ratio Lower Upper

77 100

97 22.5 11.0 33.0



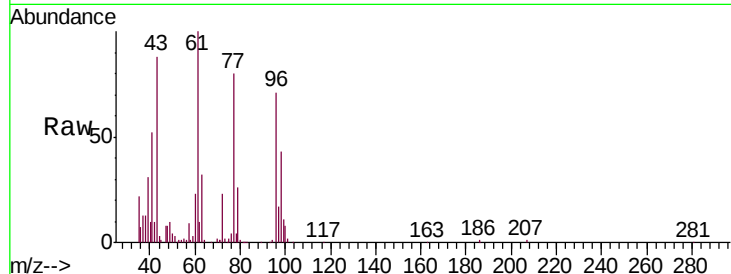


#27

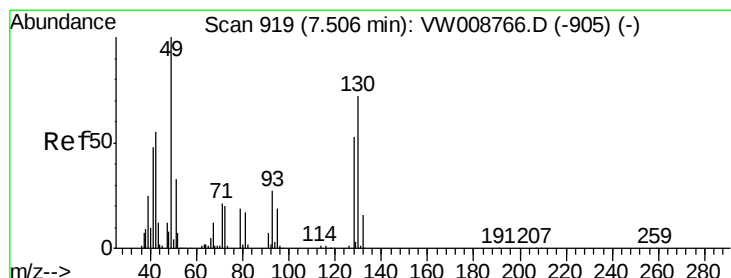
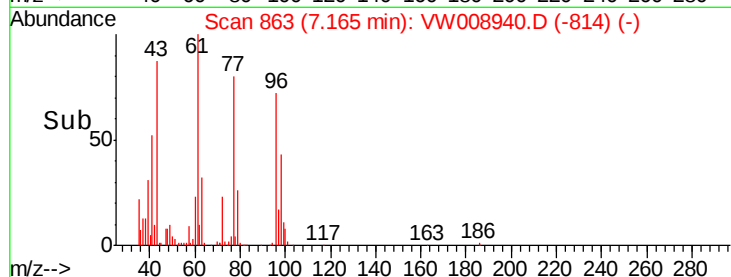
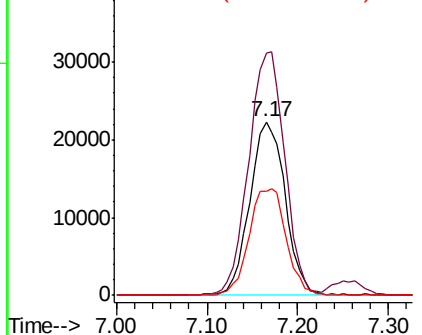
cis-1,2-Dichloroethene
Concen: 22.835 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

Tgt Ion: 96 Resp: 60470
Ion Ratio Lower Upper
96 100
61 143.3 0.0 302.6
98 63.8 0.0 130.0



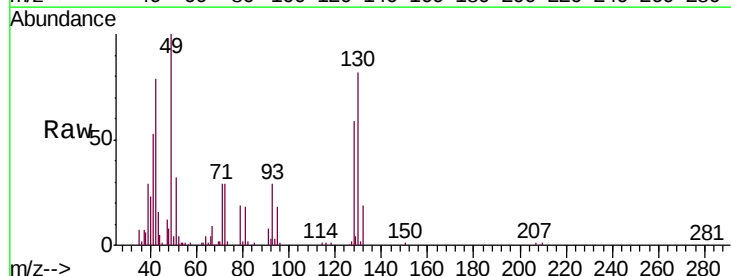
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



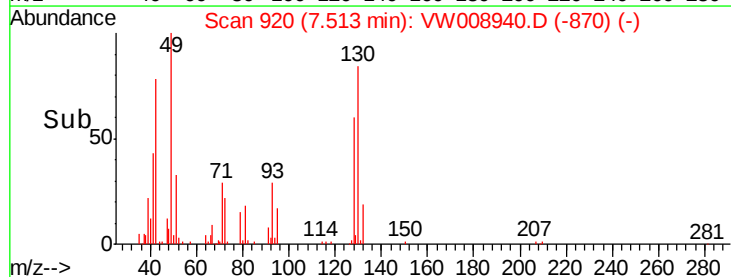
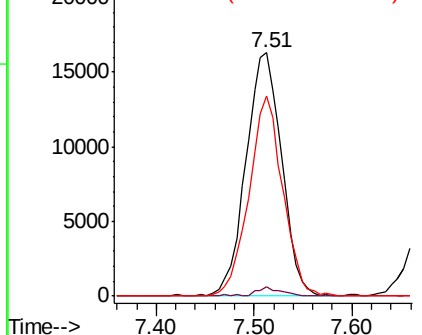
#28

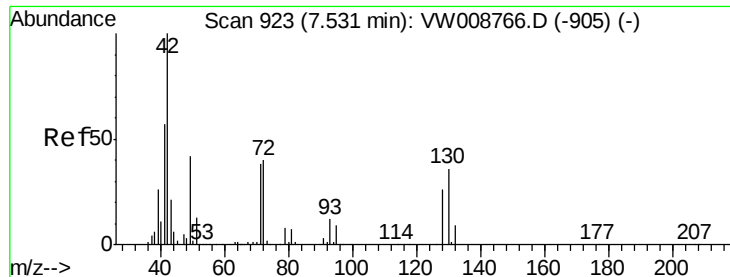
Bromochloromethane
Concen: 23.108 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion: 49 Resp: 41287
Ion Ratio Lower Upper
49 100
129 2.6 0.0 2.6
130 77.8 61.3 91.9



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: 113.265 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

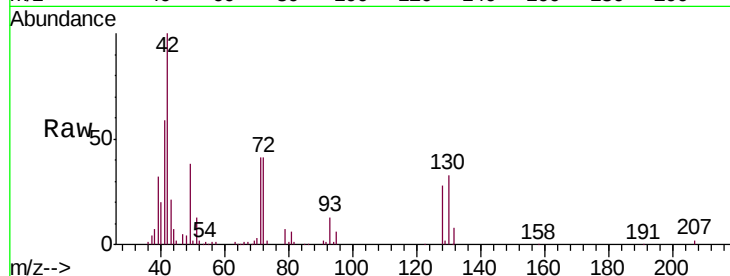
Tgt Ion: 42 Resp: 53623

Ion Ratio Lower Upper

42 100

72 41.2 32.7 49.1

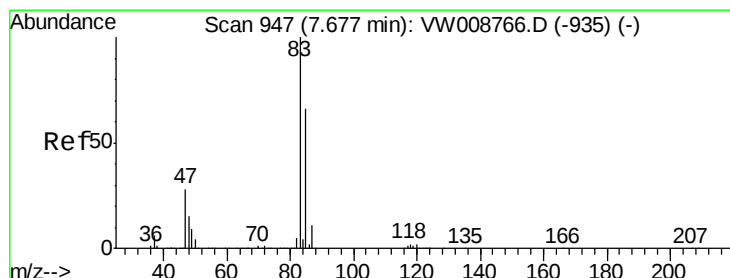
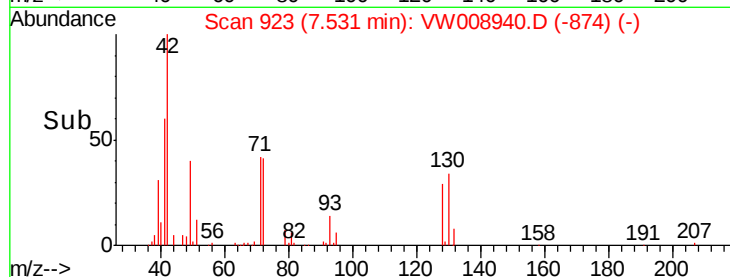
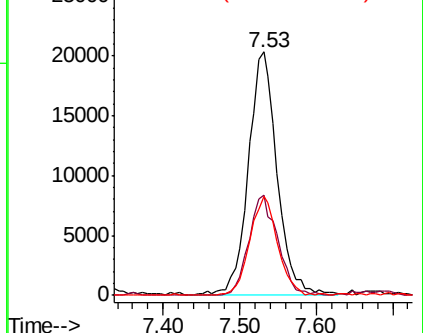
71 39.1 31.3 46.9



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 23.277 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008940.D

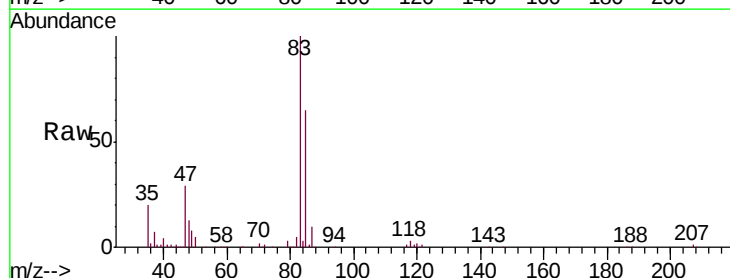
Acq: 02 Mar 2019 01:03

Tgt Ion: 83 Resp: 101955

Ion Ratio Lower Upper

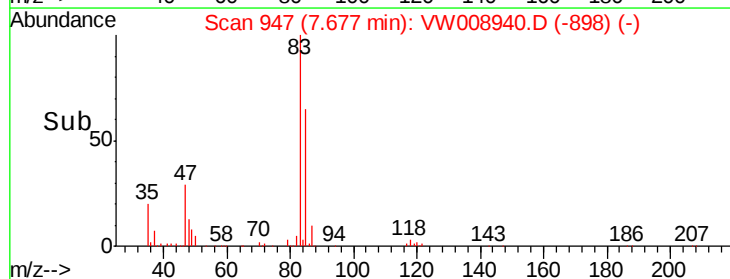
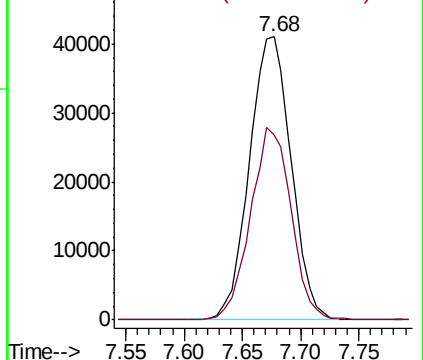
83 100

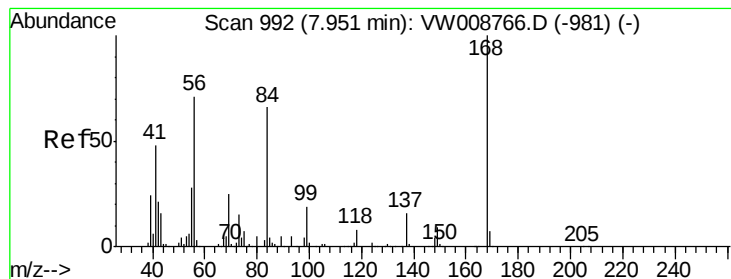
85 65.3 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 20.158 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

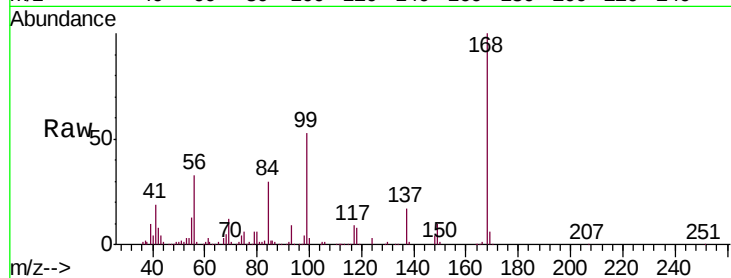
Tgt Ion: 56 Resp: 87122

Ion Ratio Lower Upper

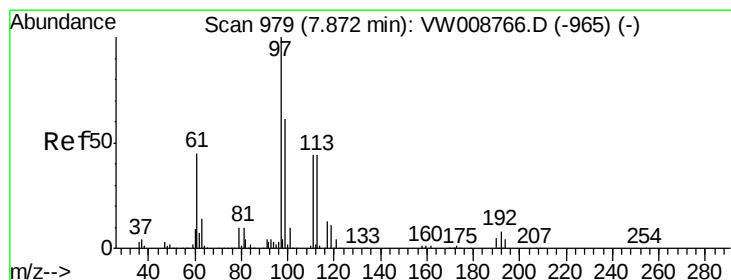
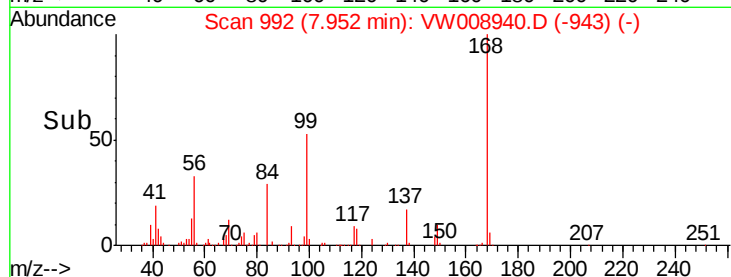
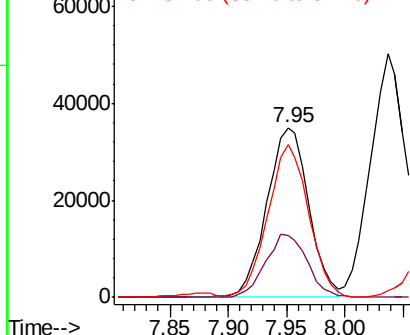
56 100

69 36.2 28.2 42.4

84 88.1 74.1 111.1



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



#32

1,1,1-Trichloroethane

Concen: 22.407 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

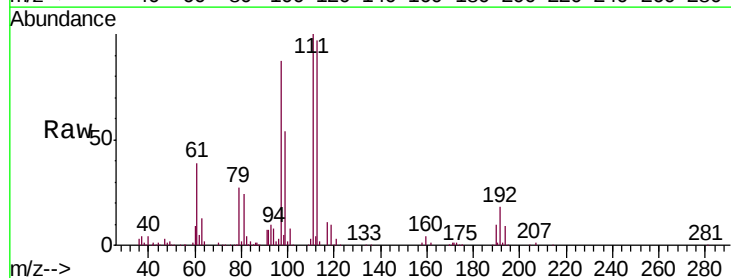
Tgt Ion: 97 Resp: 89254

Ion Ratio Lower Upper

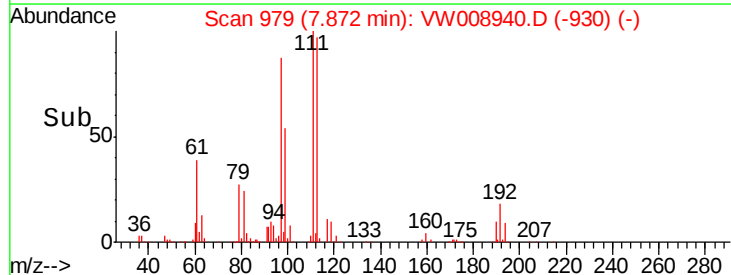
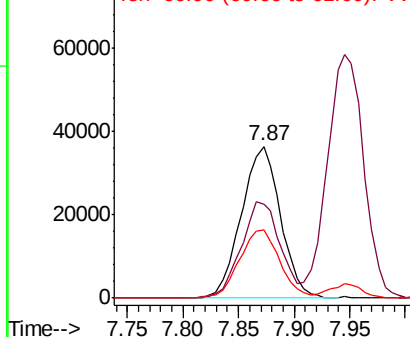
97 100

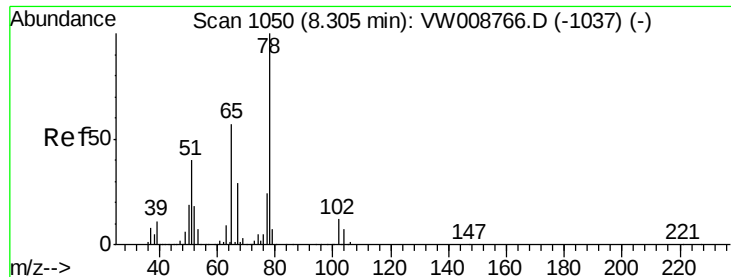
99 62.9 50.8 76.2

61 46.5 36.0 54.0



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

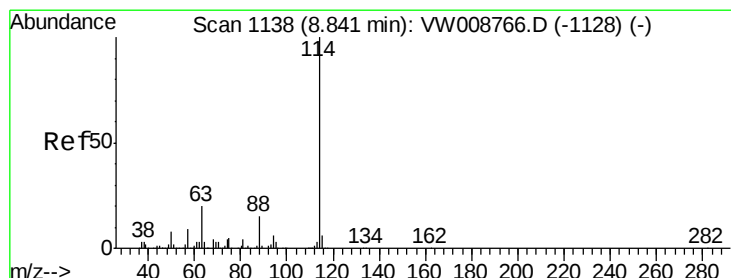
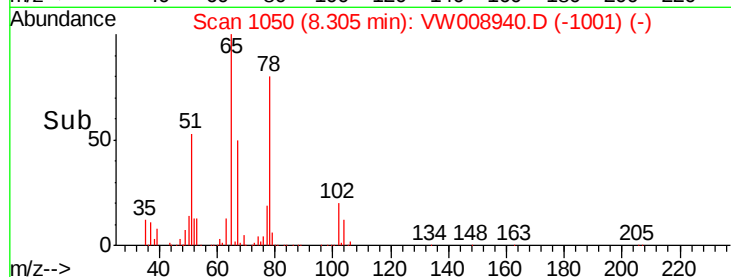
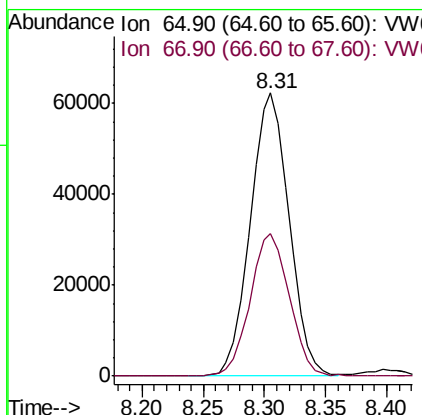
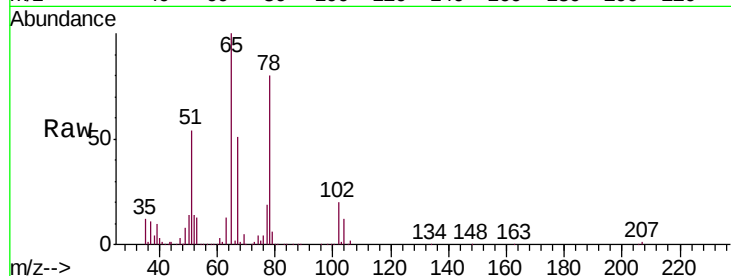




#33
 1,2-Dichloroethane-d4
 Concen: 59.847 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

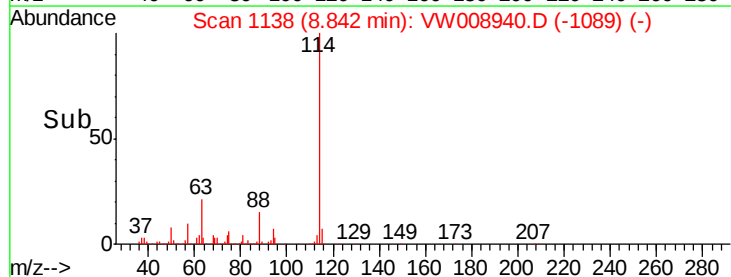
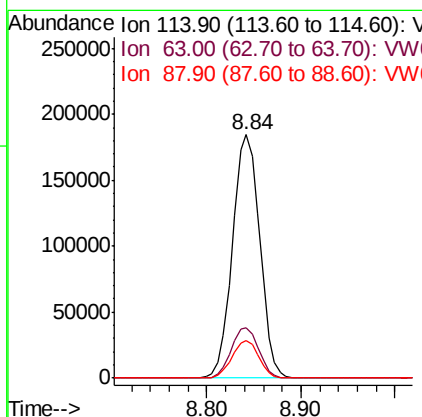
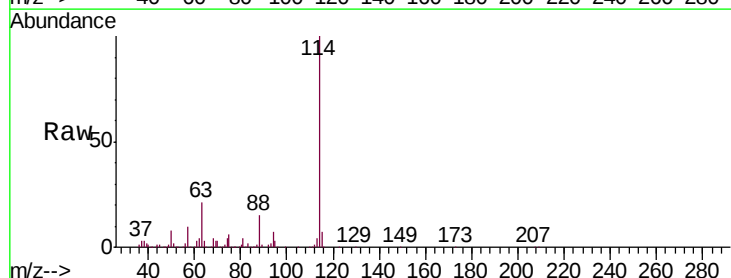
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

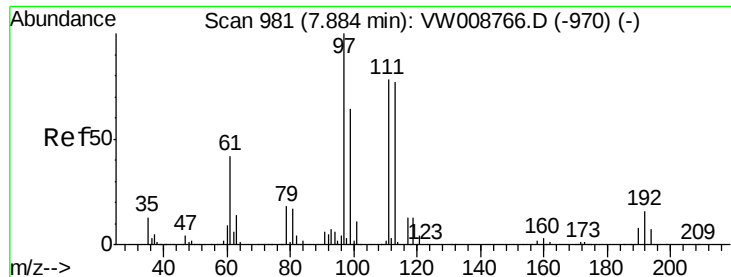
Tgt Ion: 65 Resp: 137198
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion: 114 Resp: 371845
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.5 0.0 30.4

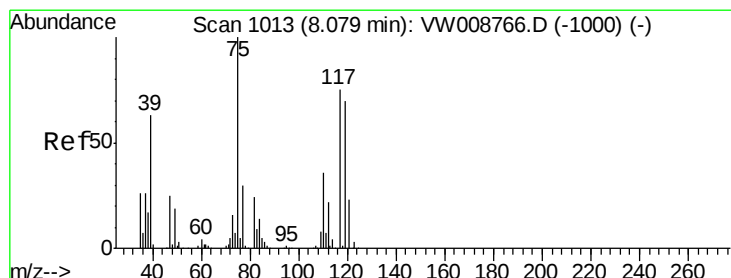
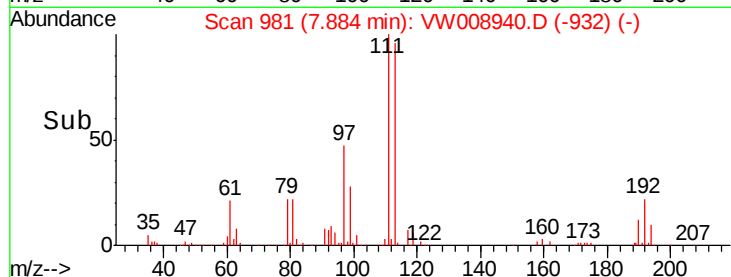
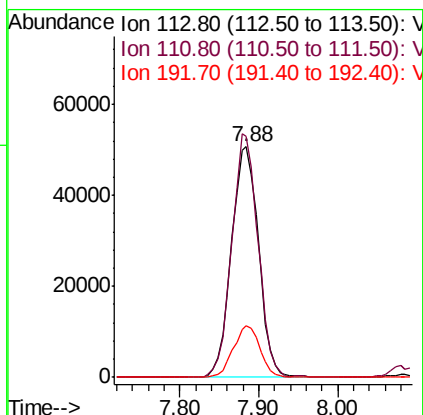
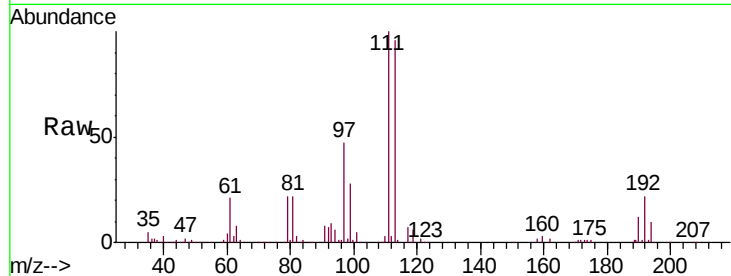




#35
 Dibromofluoromethane
 Concen: 54.540 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

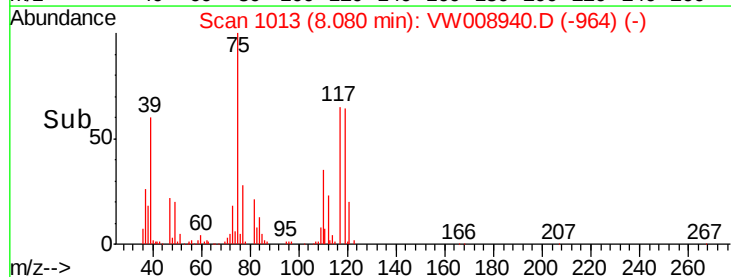
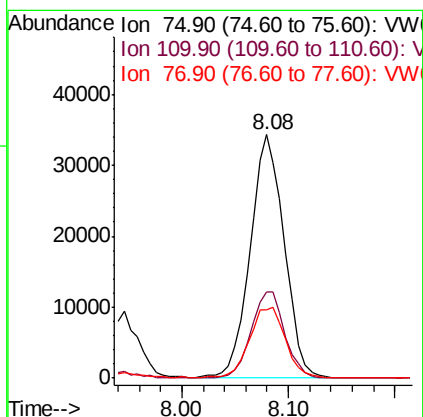
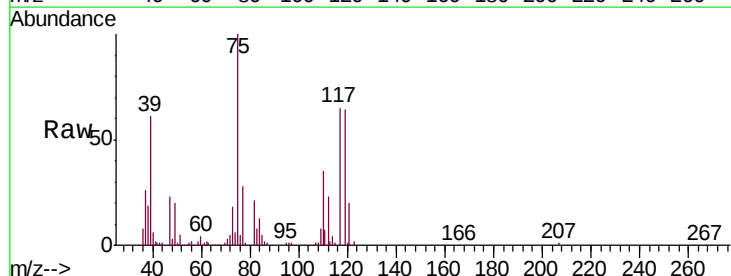
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

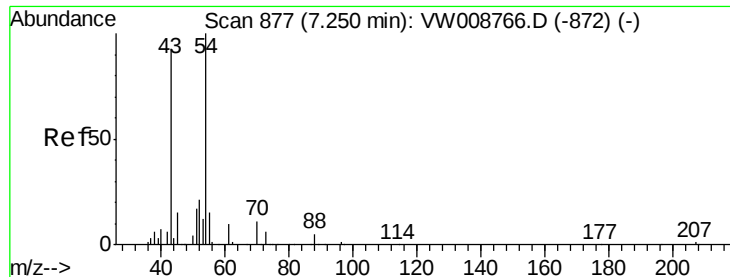
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	21.8	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 21.293 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.5	52.6
77	30.8	24.5	36.7

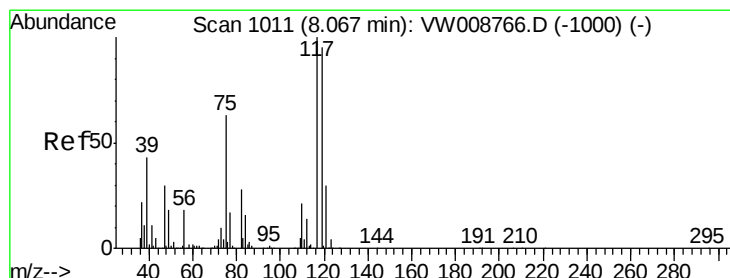
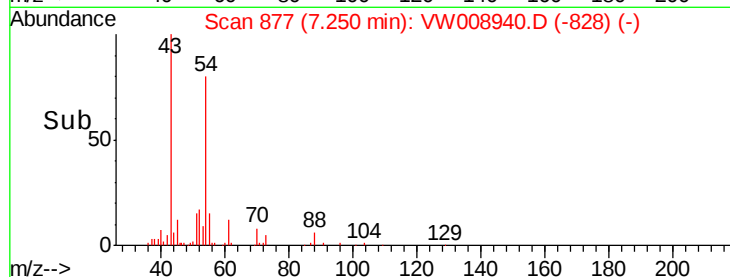
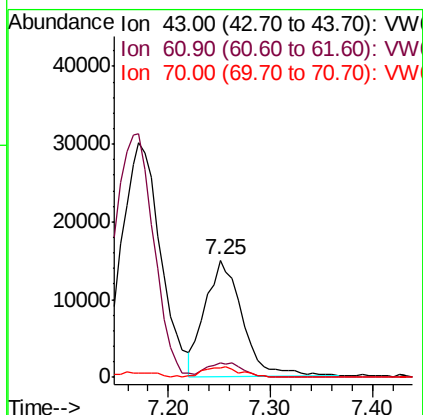
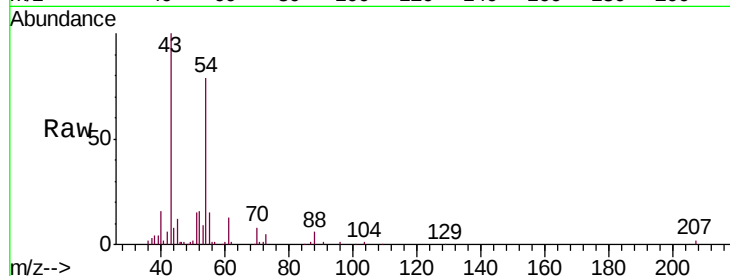




#37
Ethyl Acetate
Concen: 22.536 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

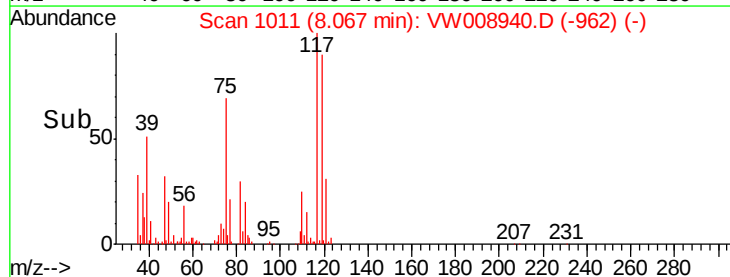
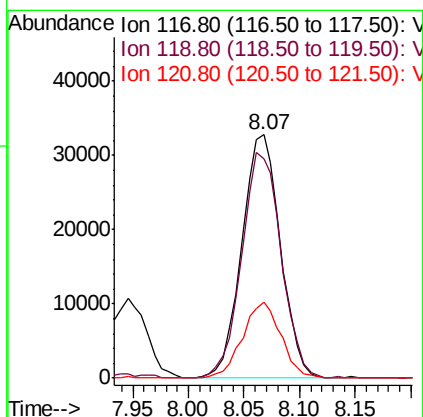
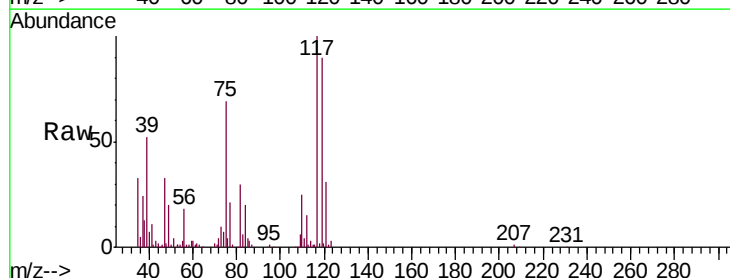
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

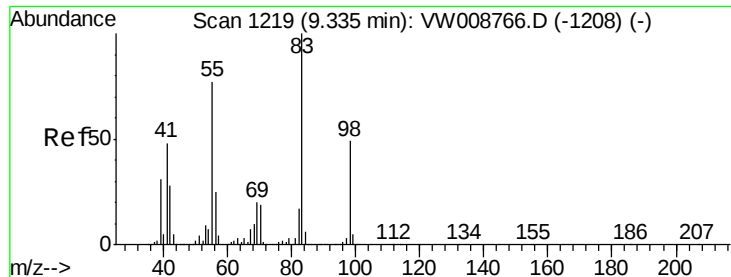
Tgt Ion: 43 Resp: 37933
Ion Ratio Lower Upper
43 100
61 12.4 9.8 14.8
70 9.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.693 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion: 117 Resp: 78992
Ion Ratio Lower Upper
117 100
119 89.9 76.1 114.1
121 31.0 24.0 36.0

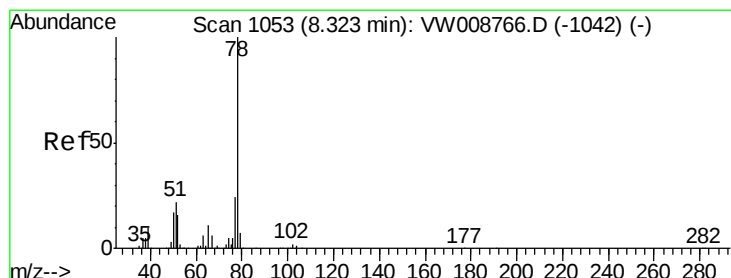
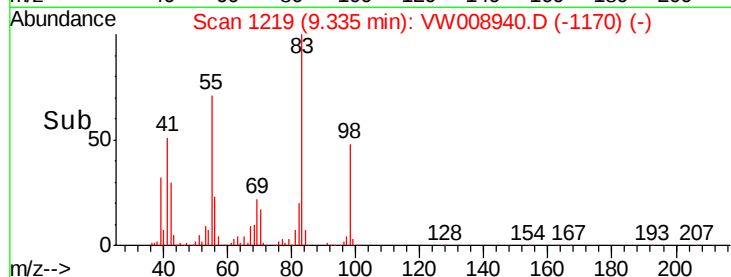
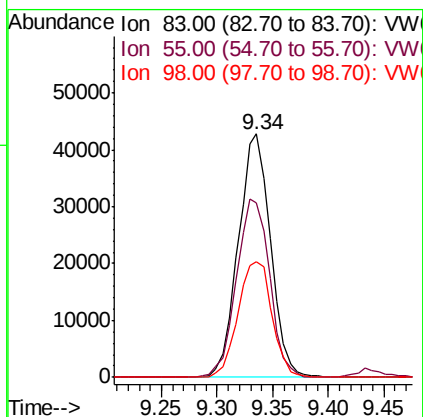
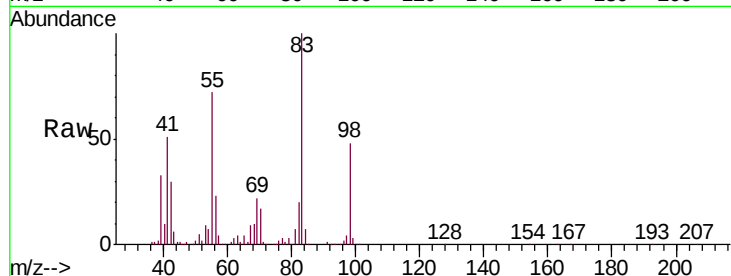




#39
Methylcyclohexane
Concen: 18.980 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

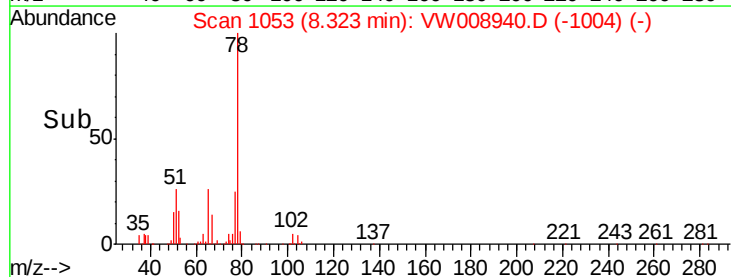
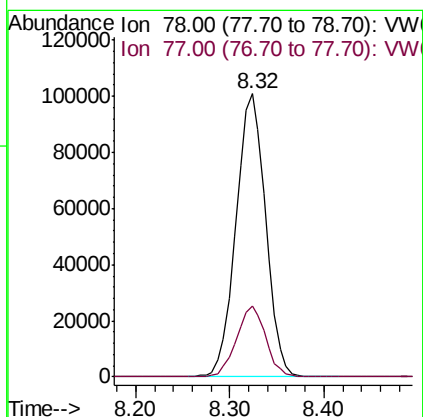
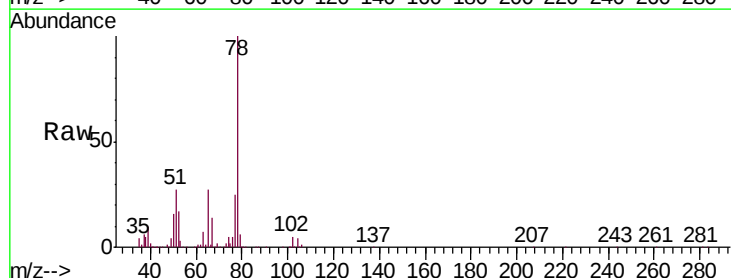
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

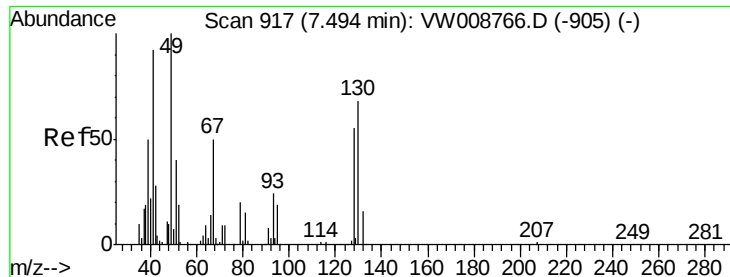
Tgt Ion: 83 Resp: 85691
Ion Ratio Lower Upper
83 100
55 71.5 61.2 91.8
98 47.6 39.4 59.2



#40
Benzene
Concen: 22.392 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion: 78 Resp: 221295
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9

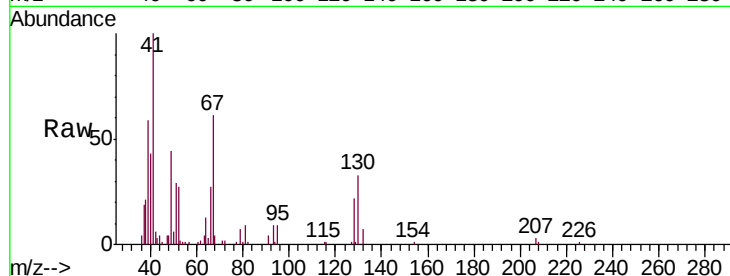




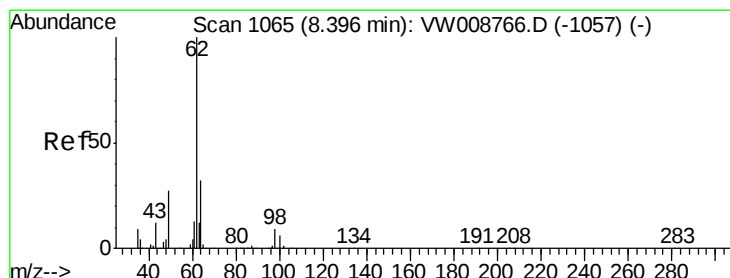
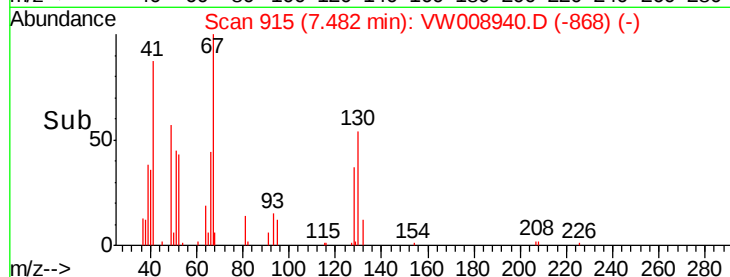
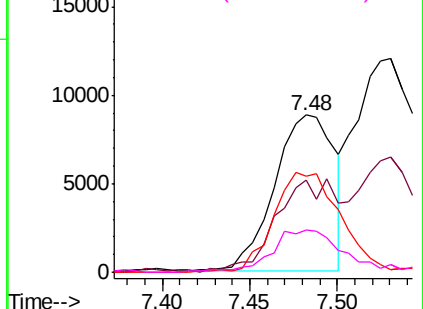
#41
Methacrylonitrile
Concen: 21.112 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

Tgt Ion:	41	Resp:	20889
Ion	Ratio	Lower	Upper
41	100		
39	58.8	52.5	78.7
67	73.0	55.0	82.6
52	33.3	26.9	40.3

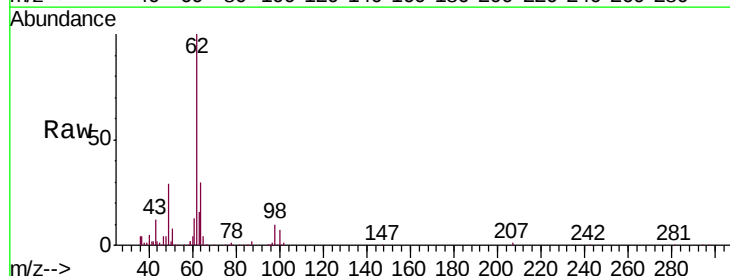


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

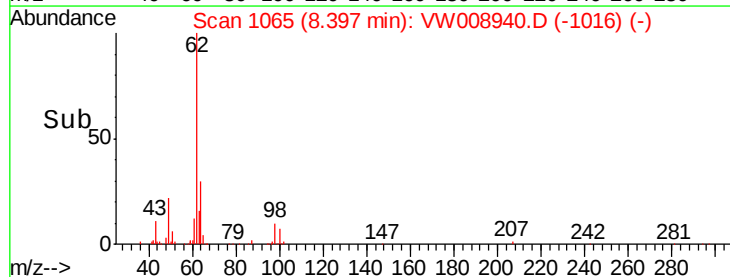
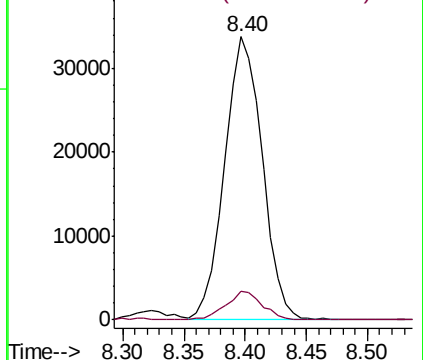


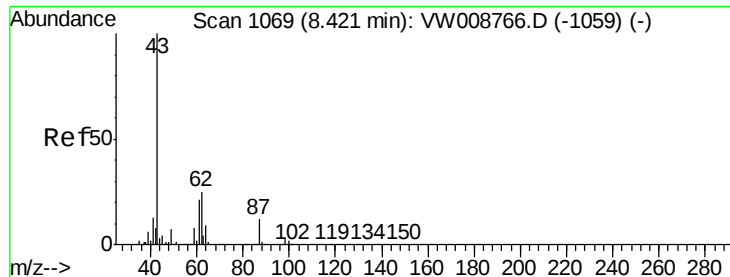
#42
1,2-Dichloroethane
Concen: 23.062 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion:	62	Resp:	72198
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 21.937 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

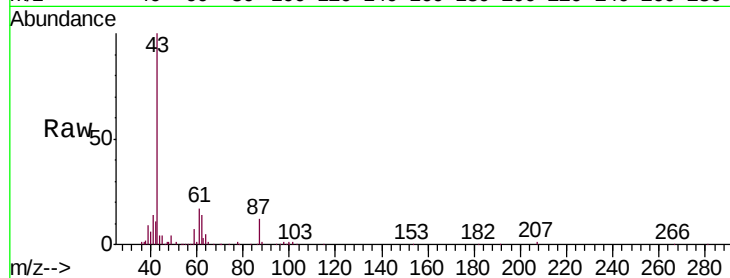
Tgt Ion: 43 Resp: 73695

Ion Ratio Lower Upper

43 100

61 27.2 23.2 34.8

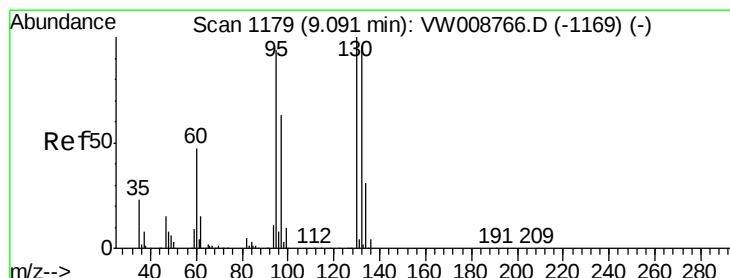
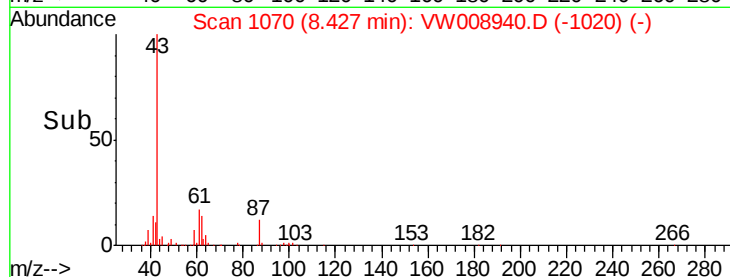
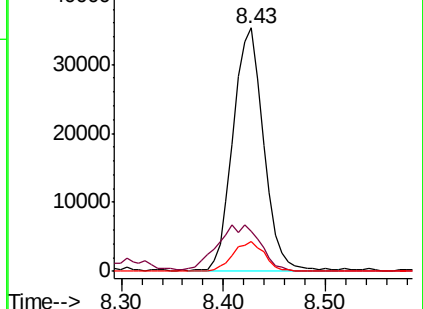
87 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 22.470 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008940.D

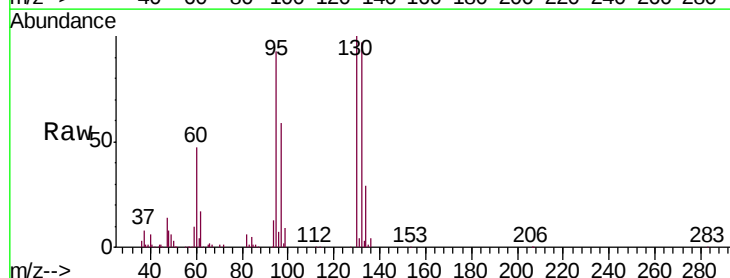
Acq: 02 Mar 2019 01:03

Tgt Ion: 130 Resp: 62559

Ion Ratio Lower Upper

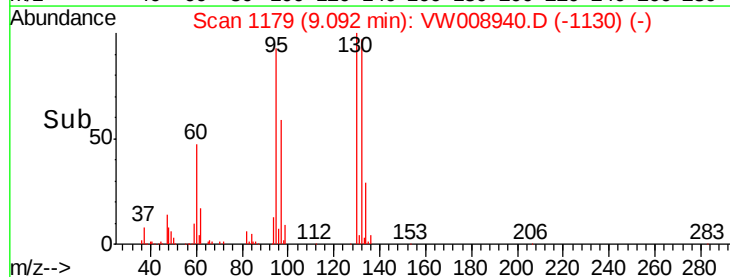
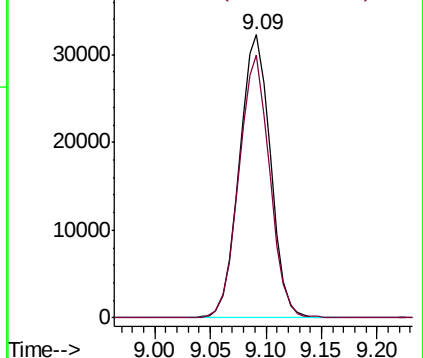
130 100

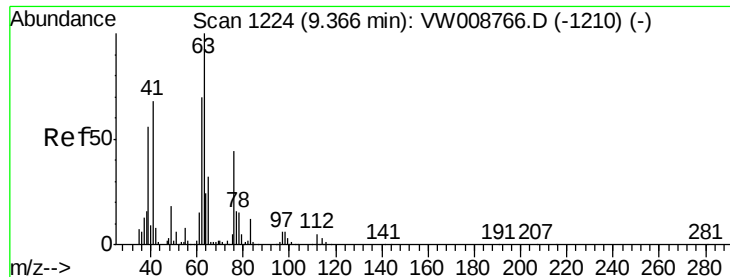
95 92.8 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 23.095 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

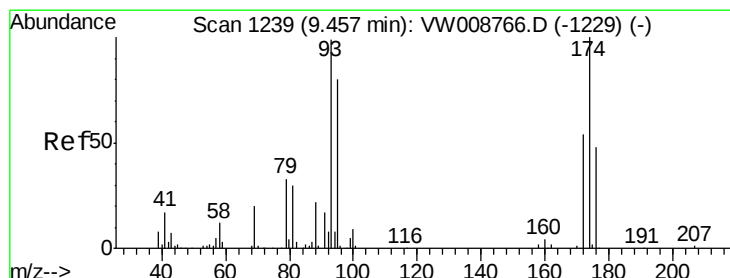
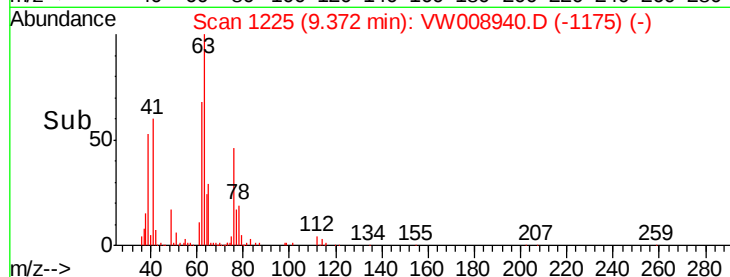
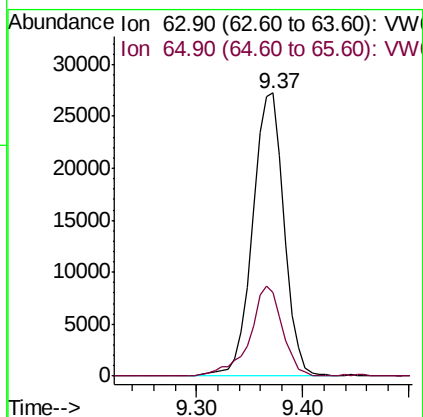
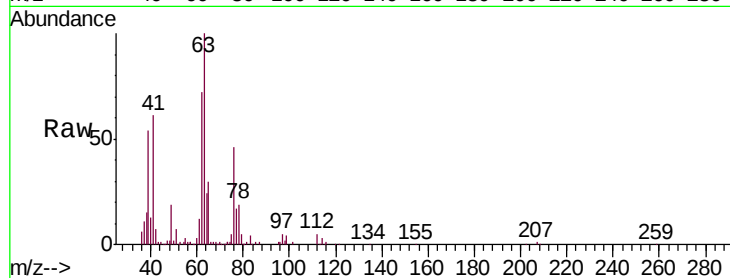
VW0302SBS02

Tgt Ion: 63 Resp: 56402

Ion Ratio Lower Upper

63 100

65 29.4 25.5 38.3



#46

Dibromomethane

Concen: 22.468 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

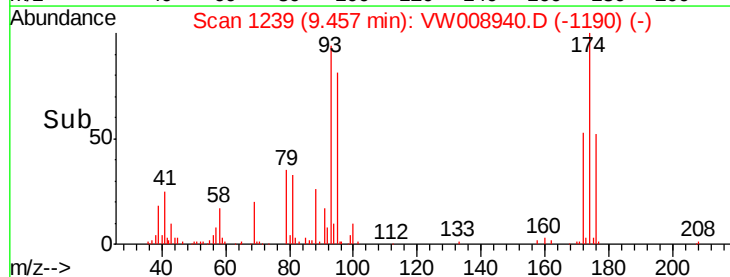
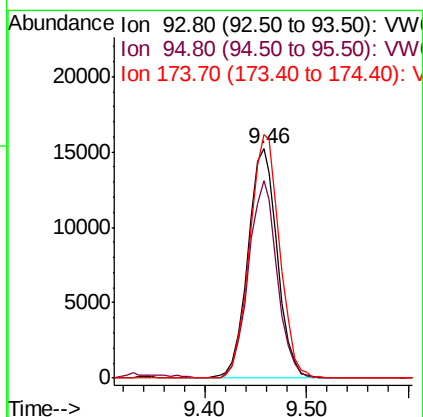
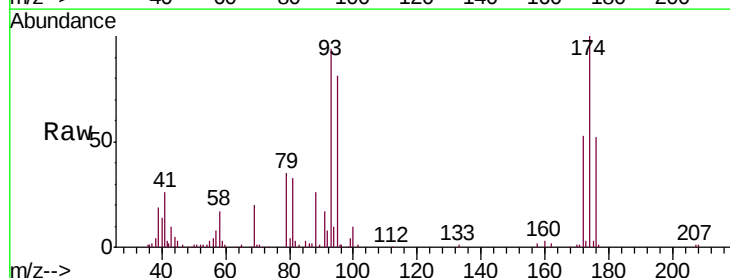
Tgt Ion: 93 Resp: 30522

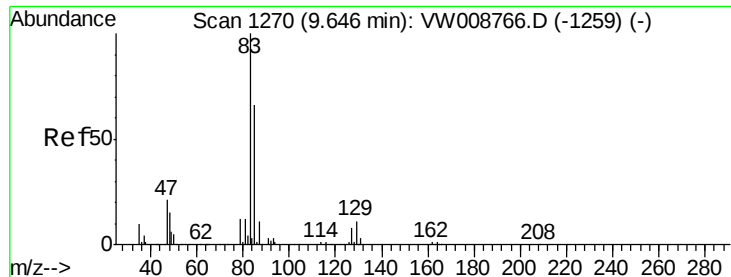
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 108.2 86.7 130.1





#47

Bromodichloromethane

Concen: 23.254 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

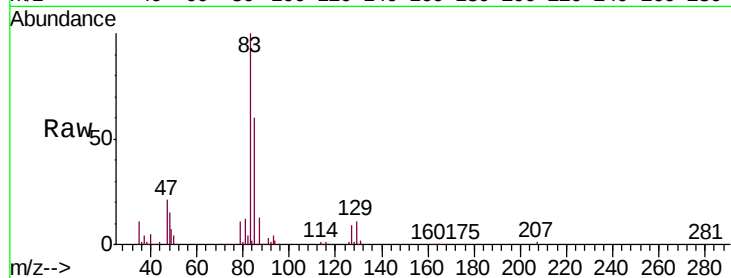
Tgt Ion: 83 Resp: 76856

Ion Ratio Lower Upper

83 100

85 60.2 52.5 78.7

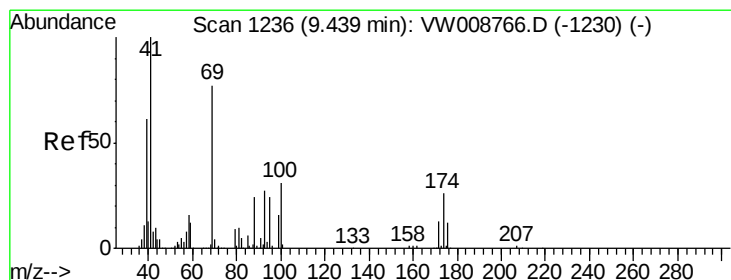
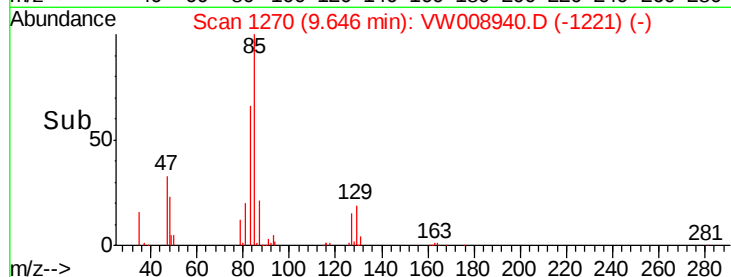
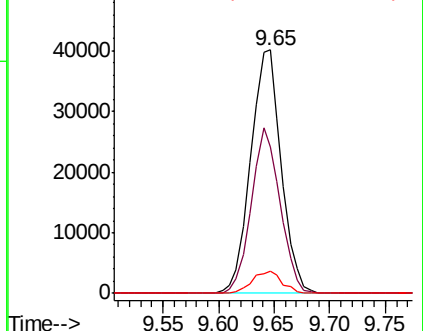
127 8.9 6.7 10.1



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): VW



#48

Methyl methacrylate

Concen: 19.795 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

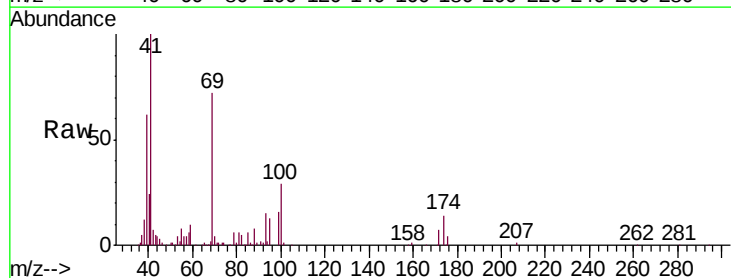
Tgt Ion: 41 Resp: 31850

Ion Ratio Lower Upper

41 100

69 81.2 63.6 95.4

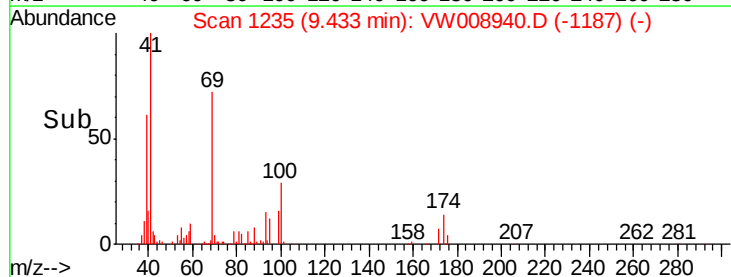
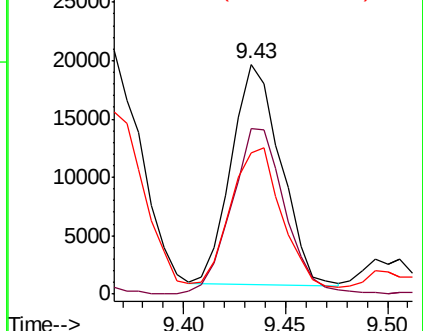
39 65.3 52.1 78.1

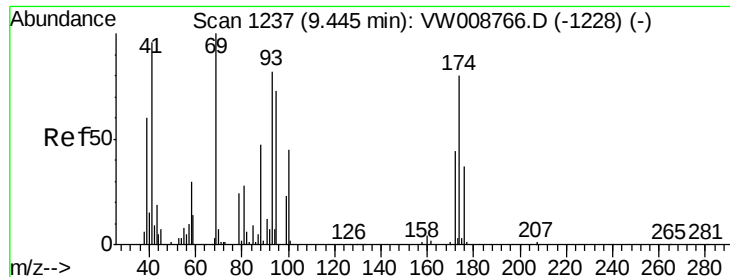


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 399.372 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

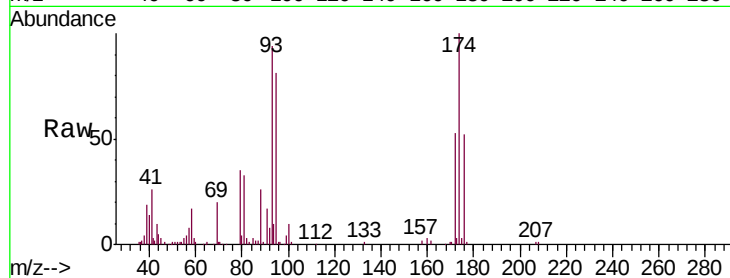
Tgt Ion: 88 Resp: 8688

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

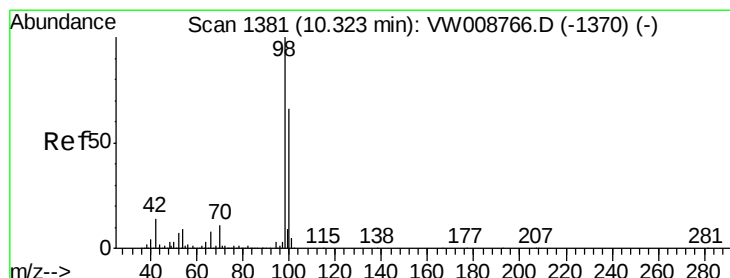
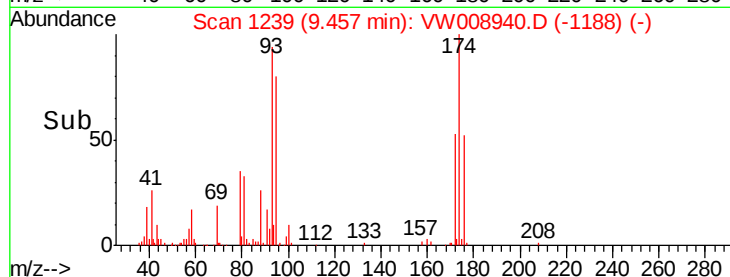
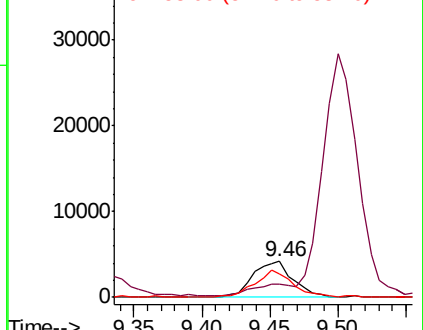
58 70.7 52.0 78.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.394 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008940.D

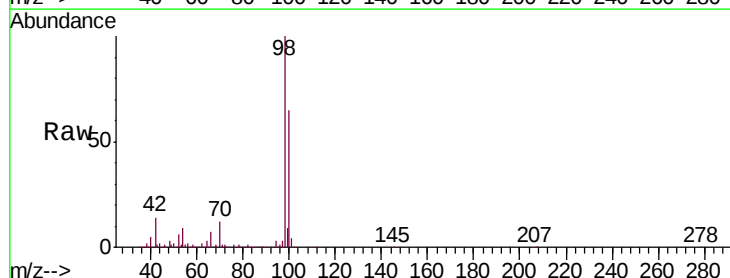
Acq: 02 Mar 2019 01:03

Tgt Ion: 98 Resp: 451558

Ion Ratio Lower Upper

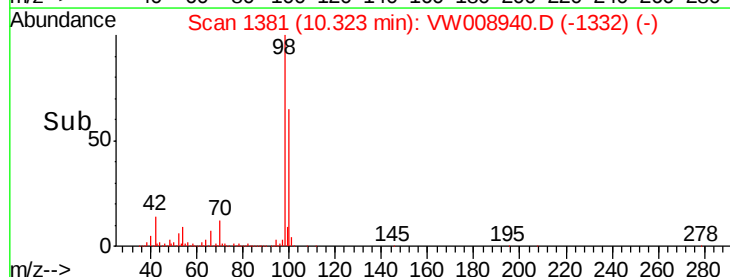
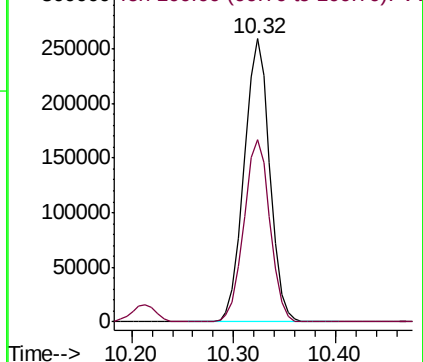
98 100

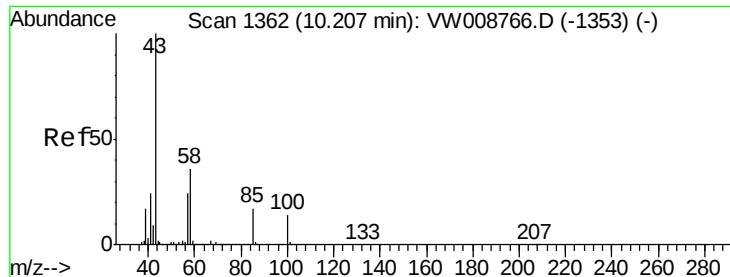
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

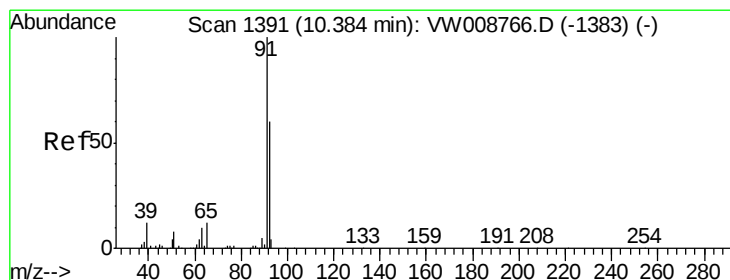
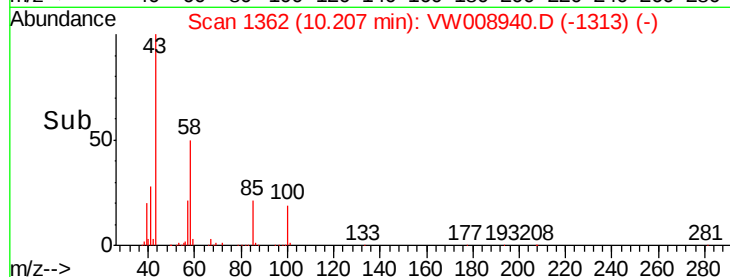
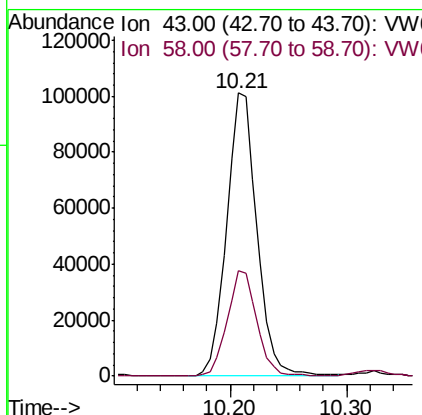
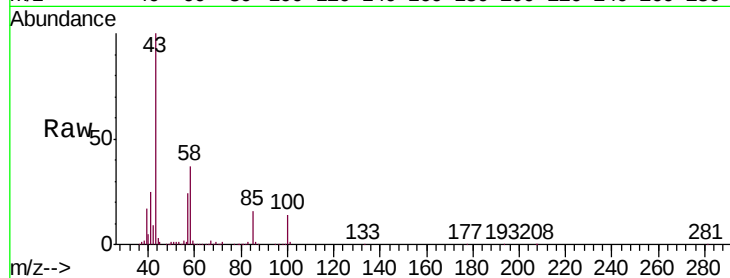




#51
4-Methyl-2-Pentanone
Concen: 106.737 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

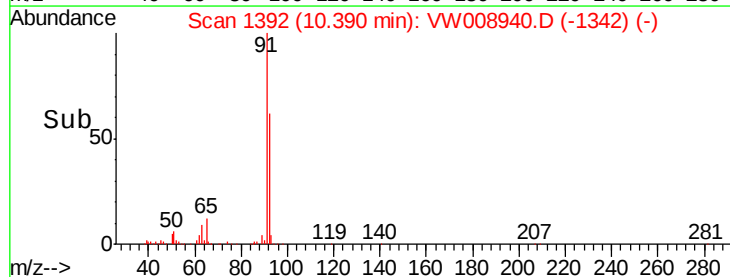
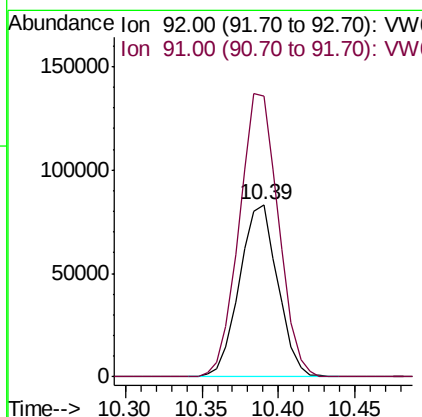
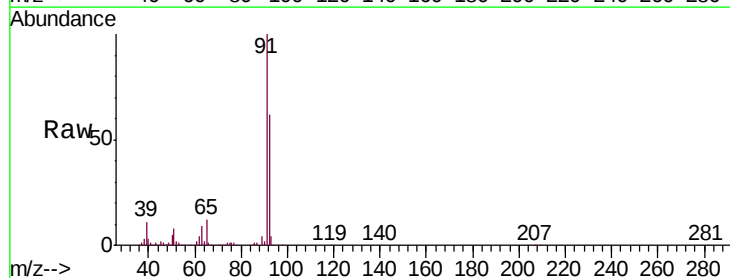
Instrument :
MSVOA_W
ClientSampled :
VW0302SBS02

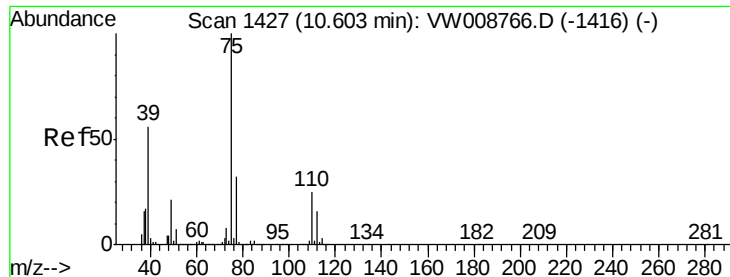
Tgt Ion: 43 Resp: 182046
Ion Ratio Lower Upper
43 100
58 36.4 29.1 43.7



#52
Toluene
Concen: 21.593 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion: 92 Resp: 144830
Ion Ratio Lower Upper
92 100
91 168.4 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 21.332 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

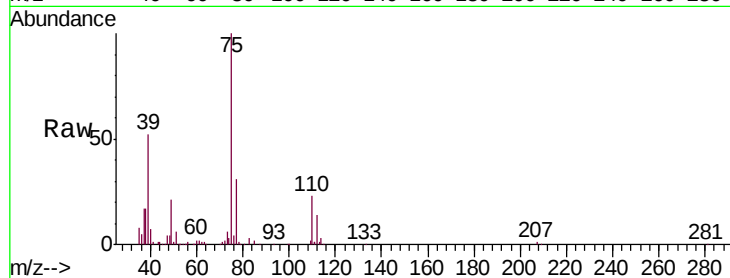
VW0302SBS02

Tgt Ion: 75 Resp: 71864

Ion Ratio Lower Upper

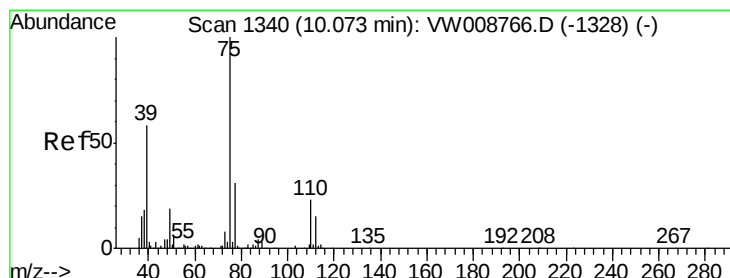
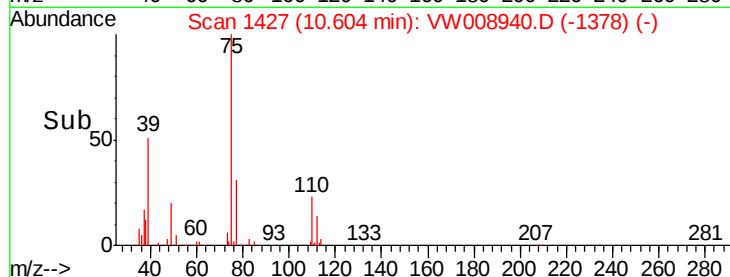
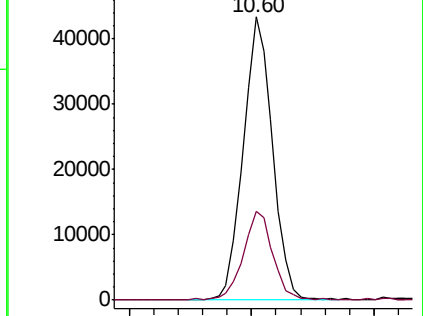
75 100

77 31.0 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.837 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

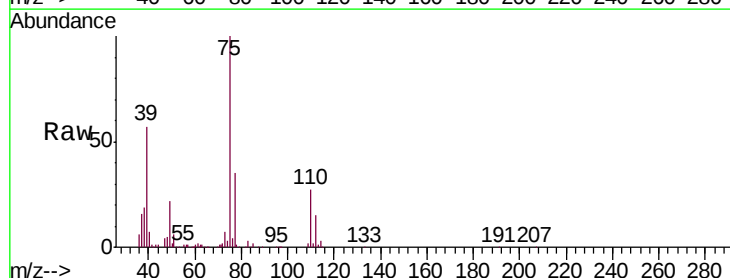
Tgt Ion: 75 Resp: 83900

Ion Ratio Lower Upper

75 100

77 35.0 25.0 37.4

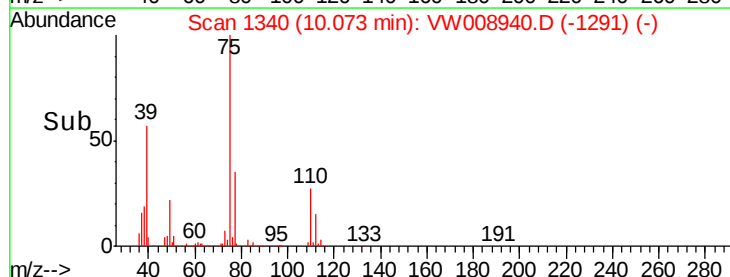
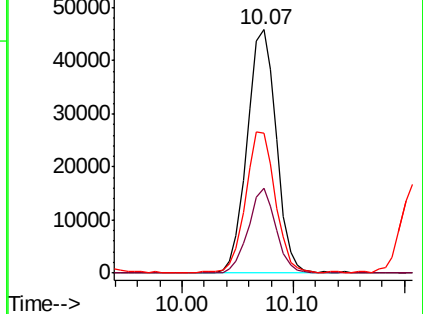
39 57.2 46.6 70.0

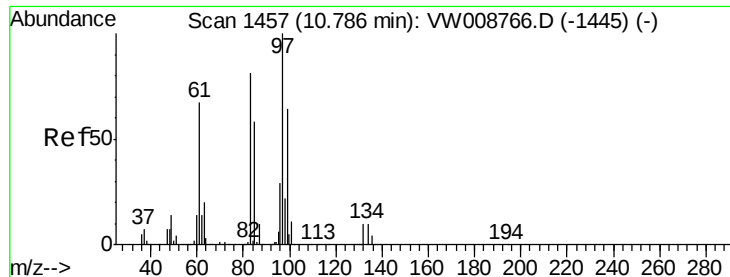


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

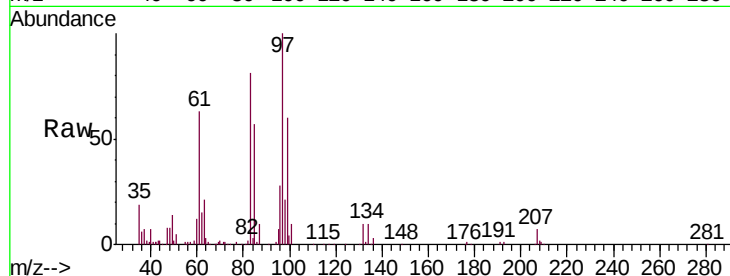




#55
 1,1,2-Trichloroethane
 Concen: 23.444 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

Tgt Ion:	97	Resp:	43190
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.0	97.6
85	56.6	46.0	69.0
99	60.1	51.1	76.7



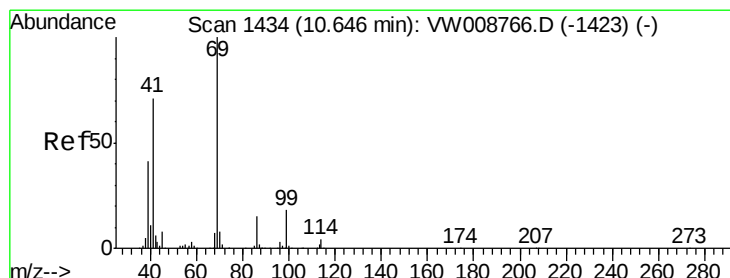
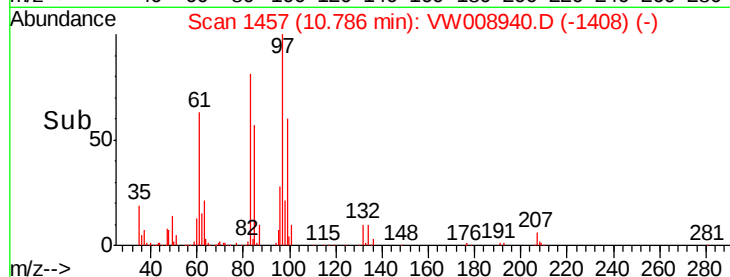
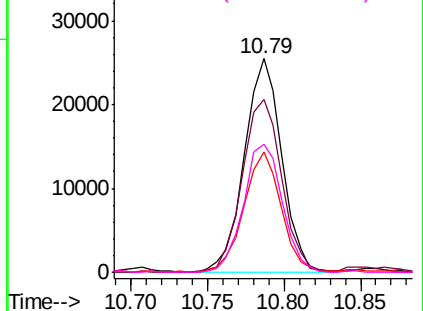
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

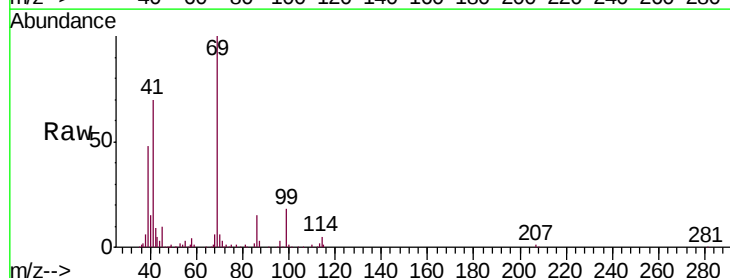
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 20.924 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion:	69	Resp:	50081
Ion	Ratio	Lower	Upper
69	100		
41	68.0	57.4	86.0
39	41.9	34.8	52.2

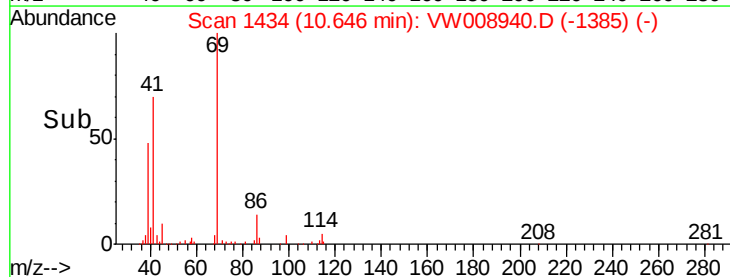
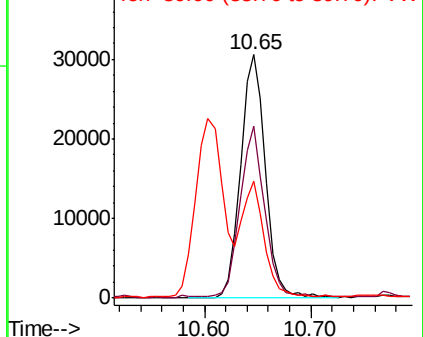


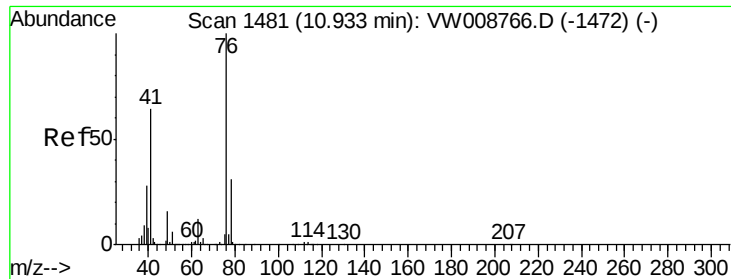
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 23.077 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

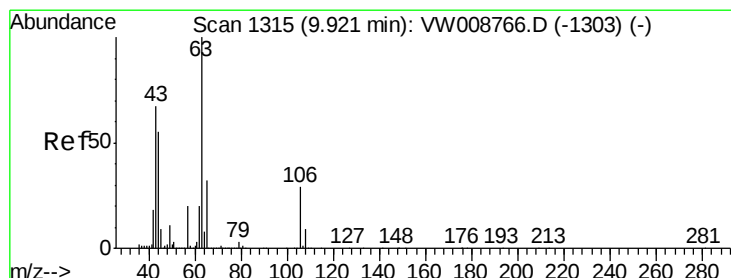
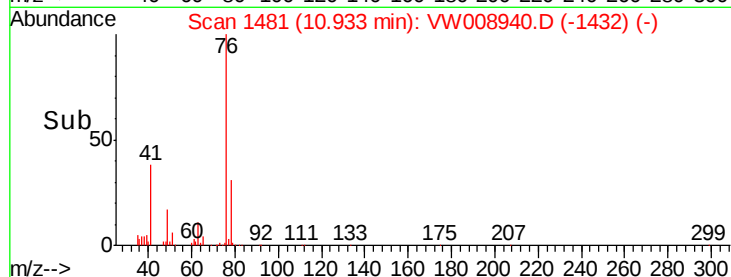
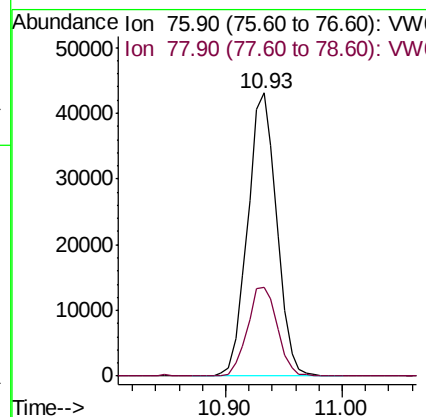
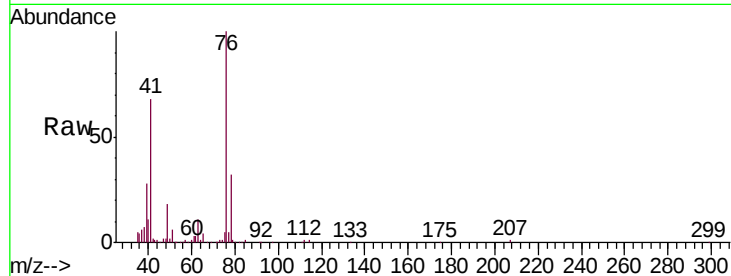
VW0302SBS02

Tgt Ion: 76 Resp: 75063

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 115.094 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW008940.D

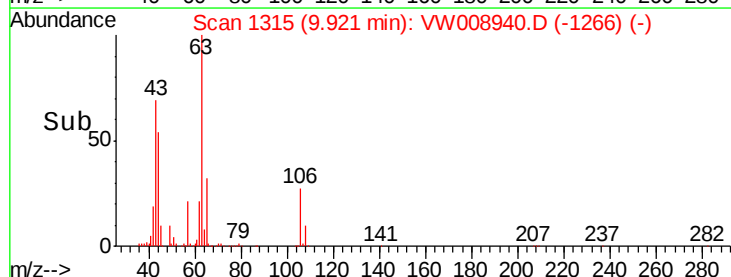
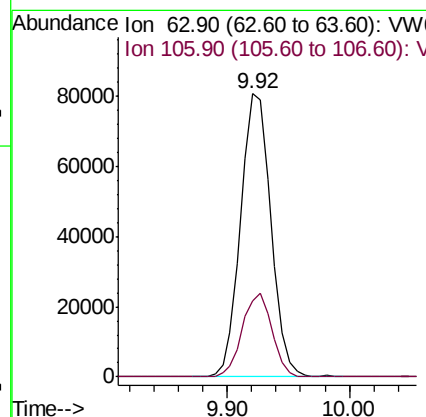
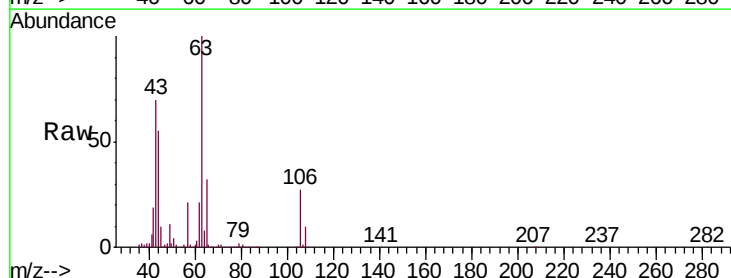
Acq: 02 Mar 2019 01:03

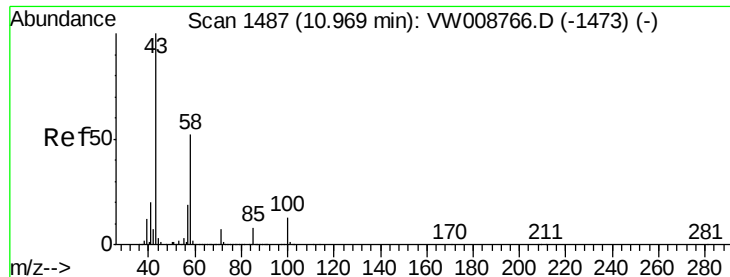
Tgt Ion: 63 Resp: 138549

Ion Ratio Lower Upper

63 100

106 29.0 24.0 36.0

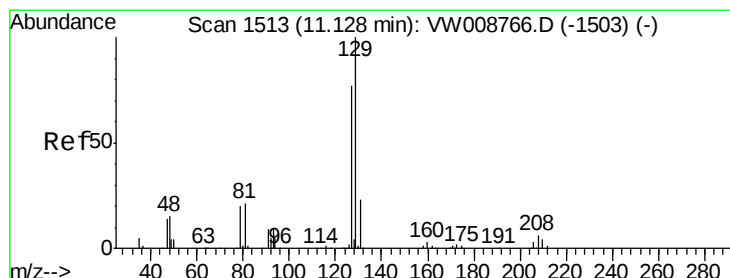
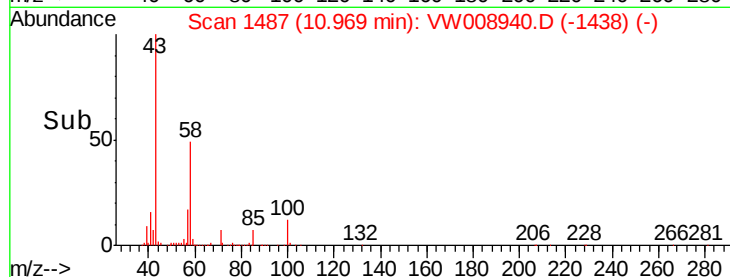
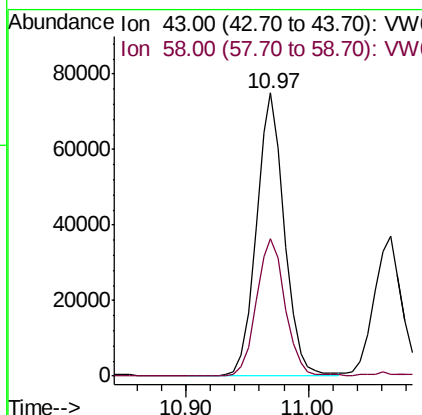
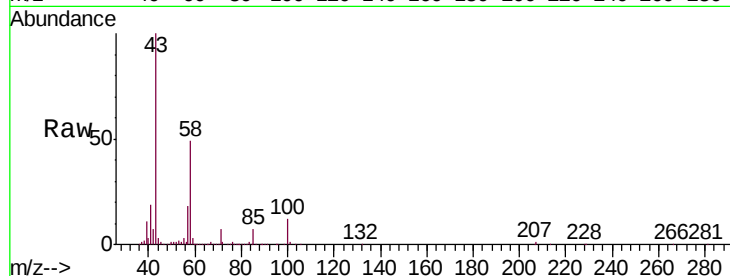




#59
2-Hexanone
Concen: 98.224 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

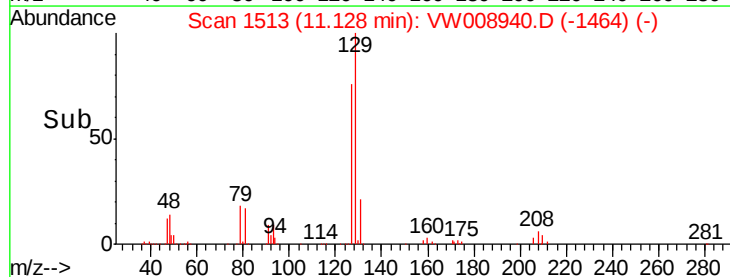
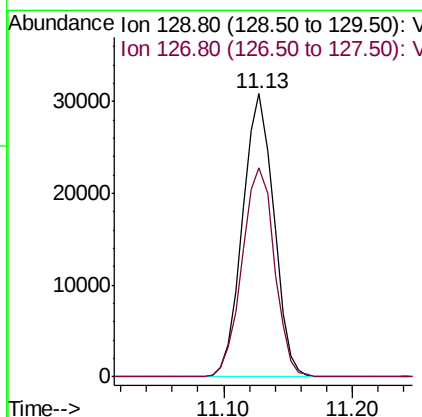
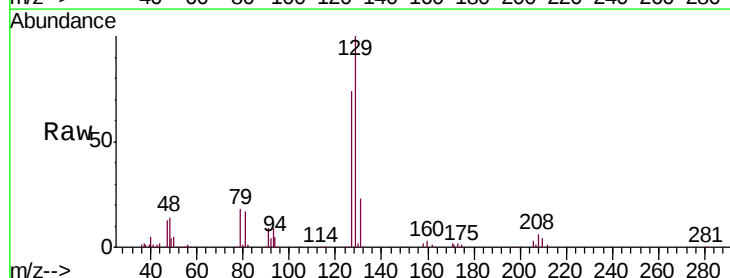
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

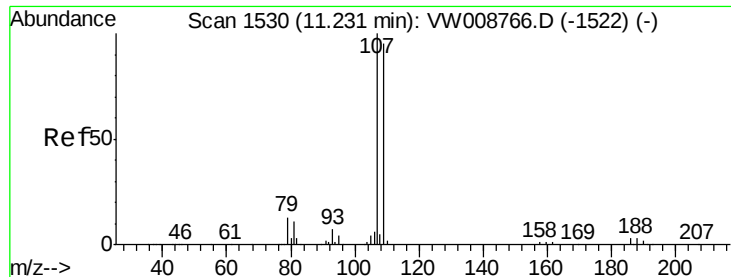
Tgt Ion: 43 Resp: 119253
Ion Ratio Lower Upper
43 100
58 49.9 25.3 75.8



#60
Dibromochloromethane
Concen: 23.012 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion: 129 Resp: 51709
Ion Ratio Lower Upper
129 100
127 76.3 39.0 116.9

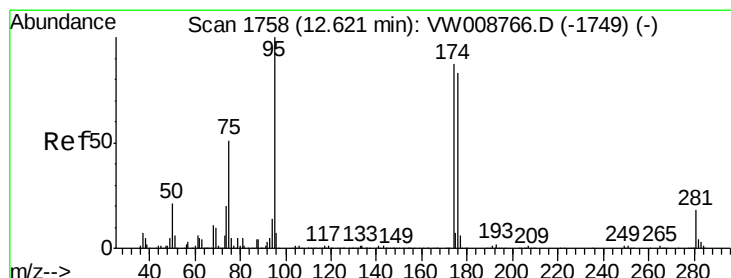
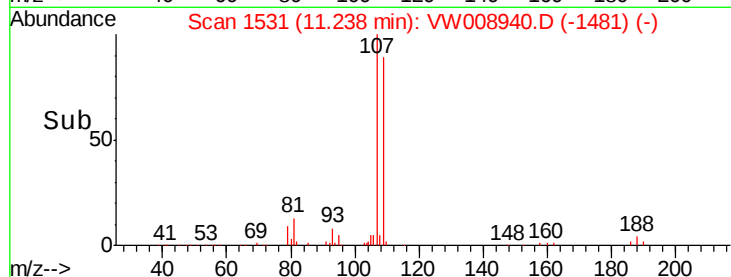
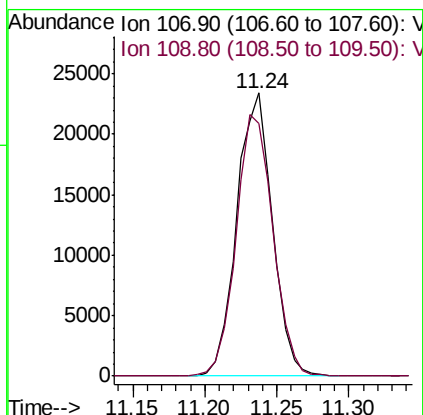
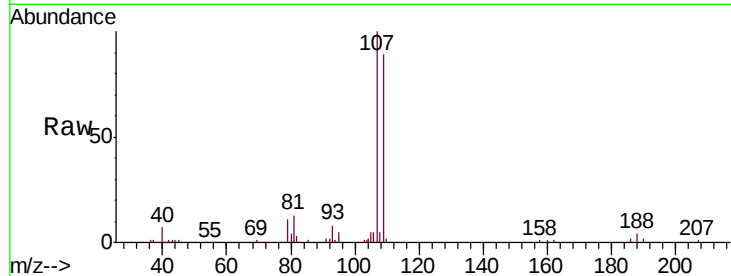




#61
 1,2-Dibromoethane
 Concen: 21.955 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

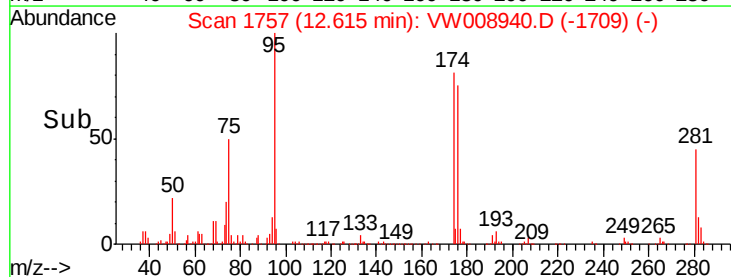
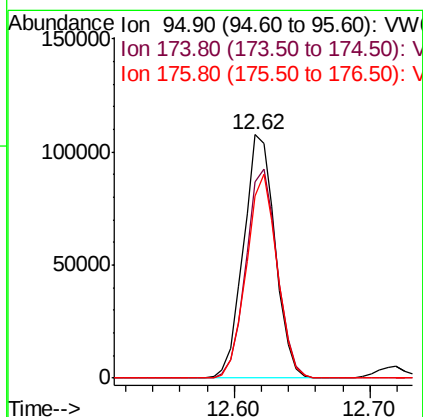
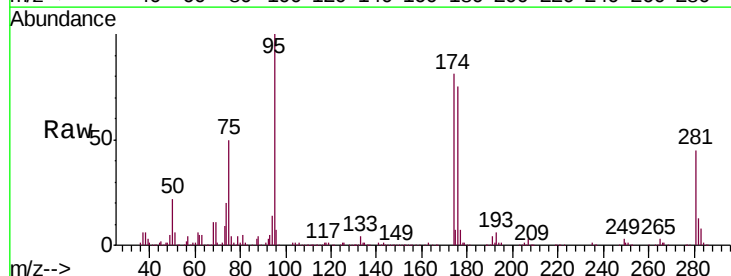
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

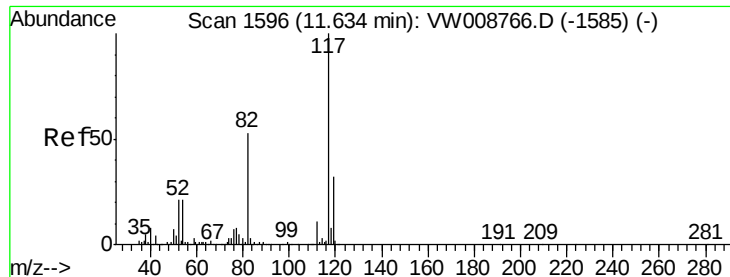
Tgt Ion: 107 Resp: 40036
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.764 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion: 95 Resp: 174678
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 169.2
 176 82.2 0.0 163.6

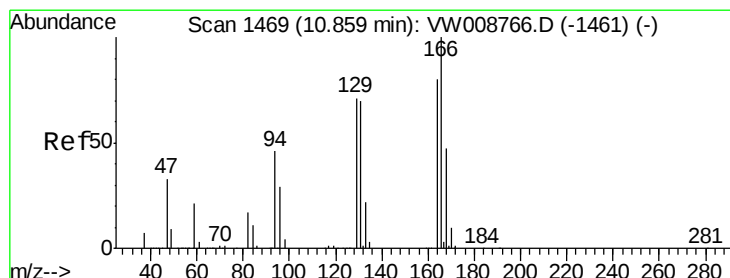
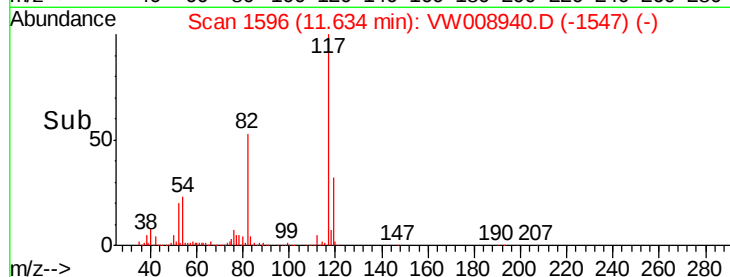
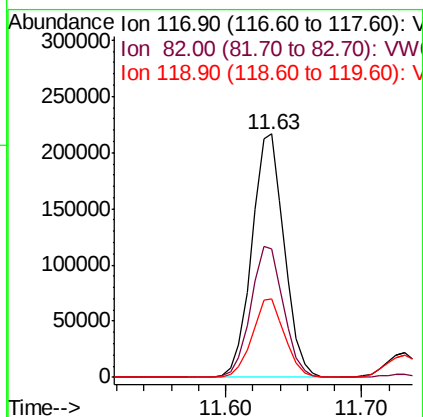
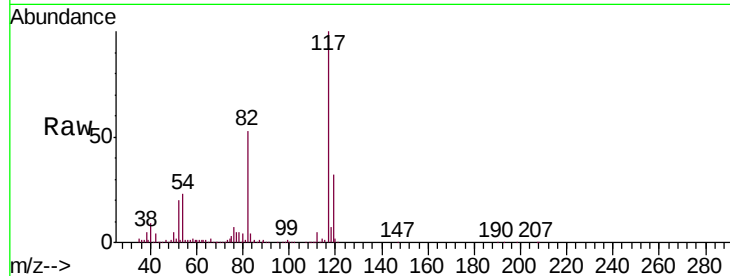




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

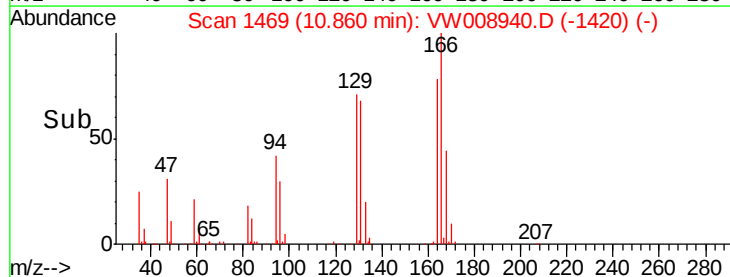
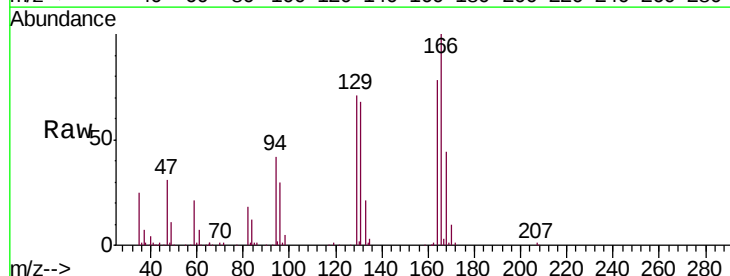
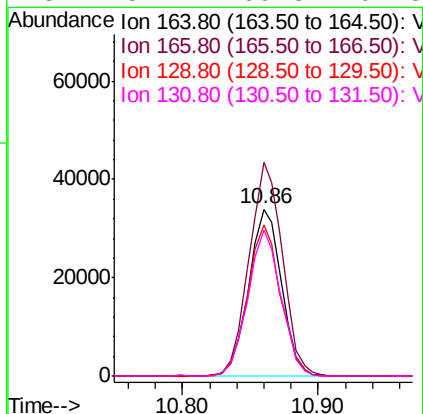
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

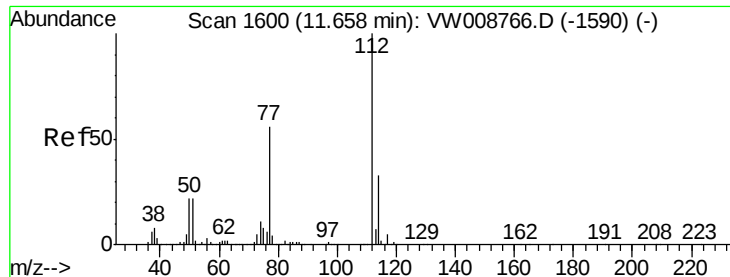
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.4
119	32.2	25.9	38.9



#64
Tetrachloroethene
Concen: 22.286 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	99.5	149.3
129	90.3	71.1	106.7
131	87.1	69.8	104.8





#65

Chlorobenzene

Concen: 21.240 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

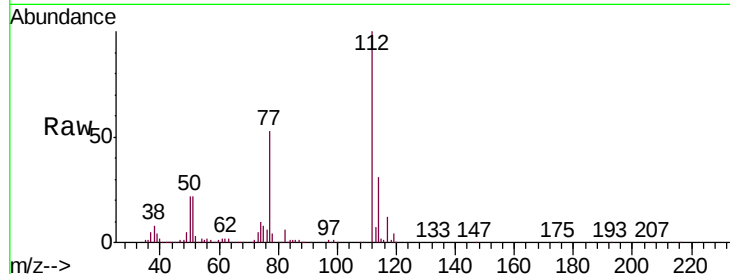
VW0302SBS02

Tgt Ion:112 Resp: 161409

Ion Ratio Lower Upper

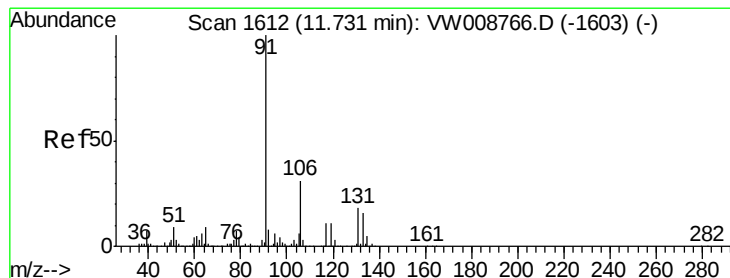
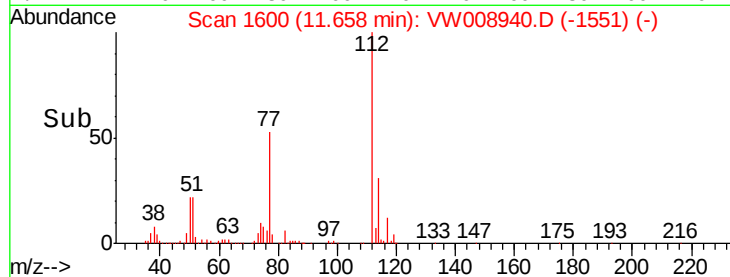
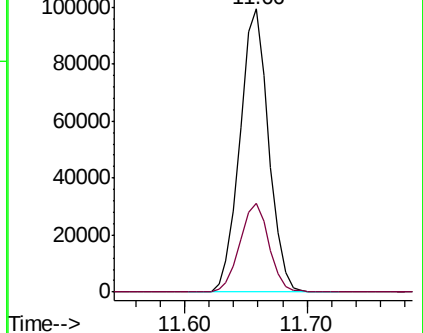
112 100

114 31.4 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.282 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

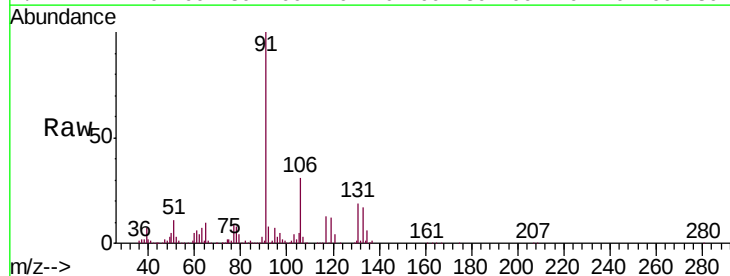
Tgt Ion:131 Resp: 54685

Ion Ratio Lower Upper

131 100

133 96.5 46.7 140.0

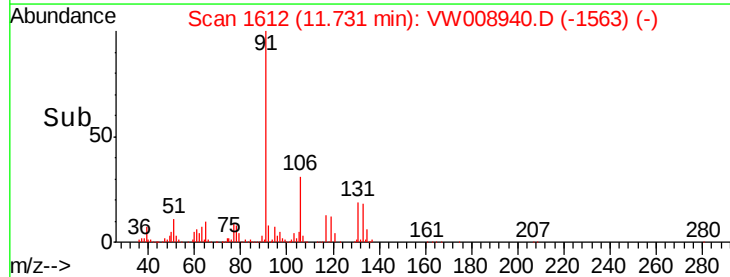
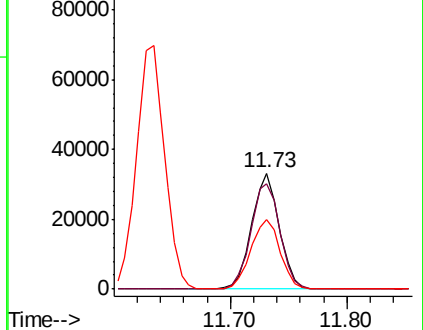
119 63.6 30.8 92.4

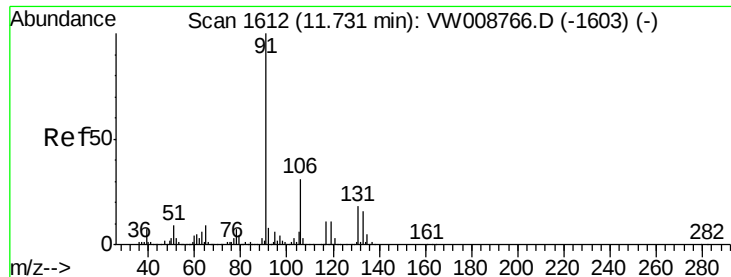


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

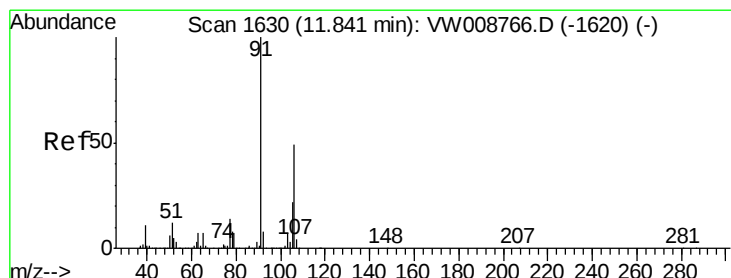
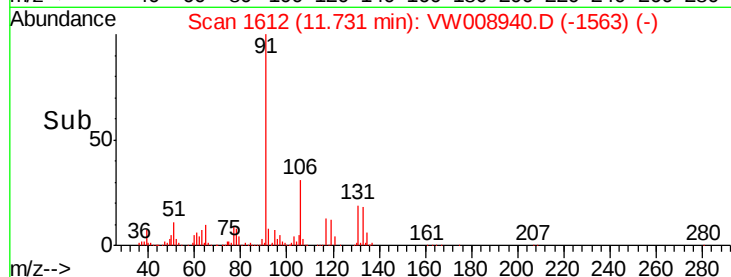
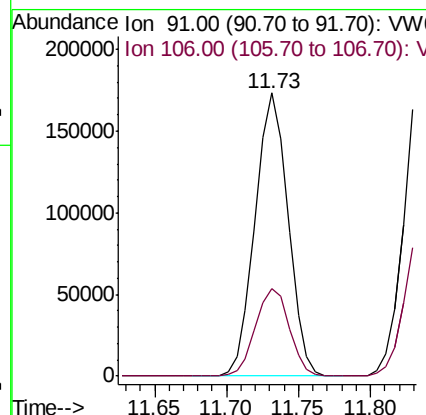
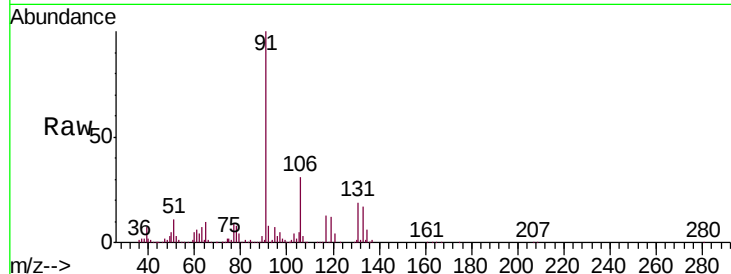




#67
Ethyl Benzene
Concen: 20.169 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

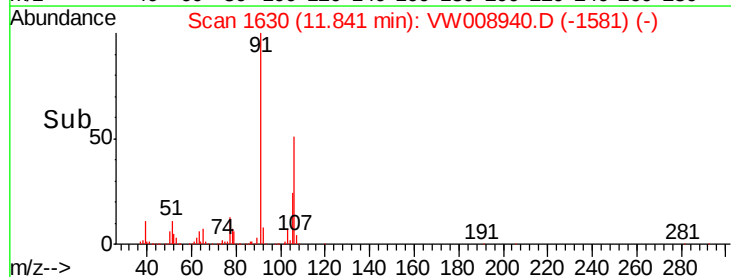
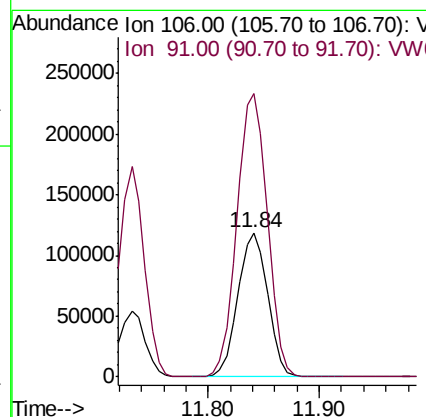
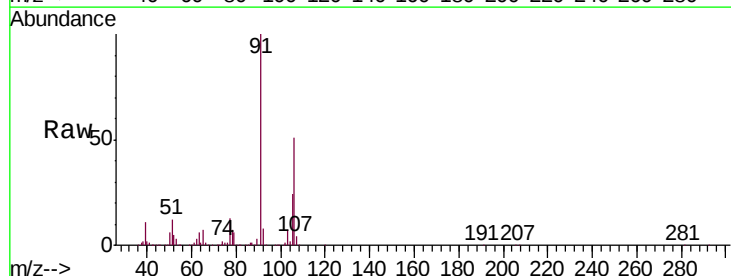
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

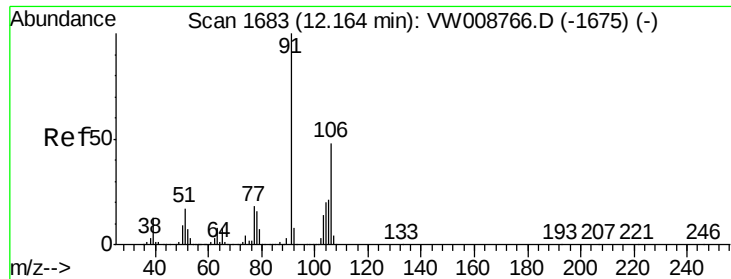
Tgt Ion: 91 Resp: 273987
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 40.627 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion: 106 Resp: 220515
Ion Ratio Lower Upper
106 100
91 199.6 161.5 242.3

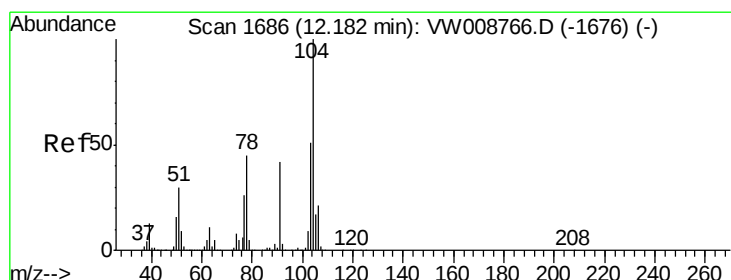
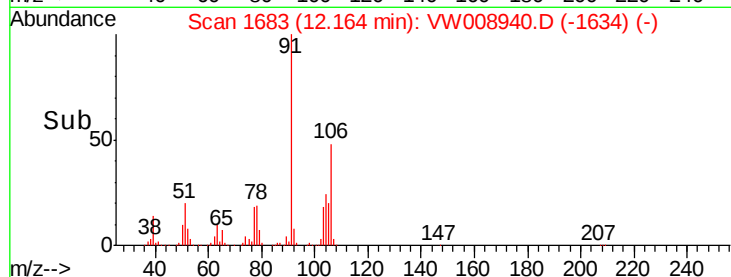
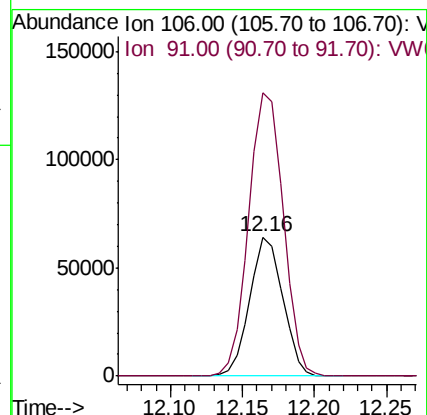
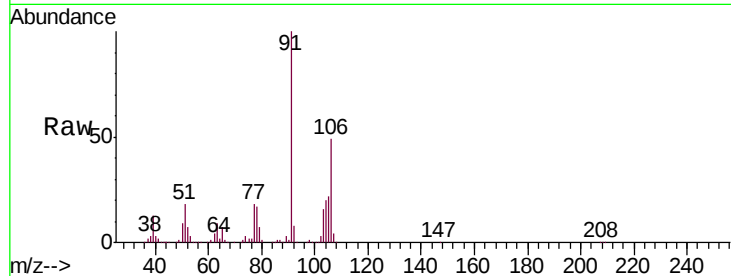




#69
o-Xylene
Concen: 20.111 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

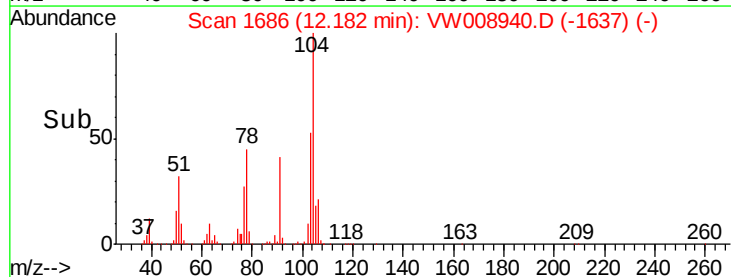
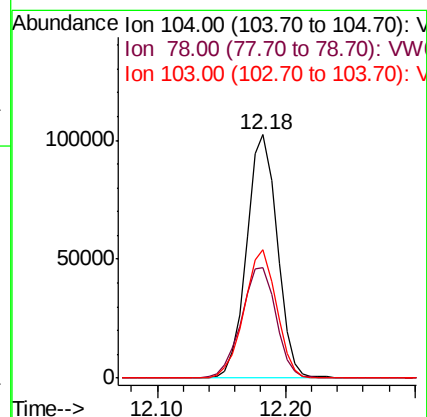
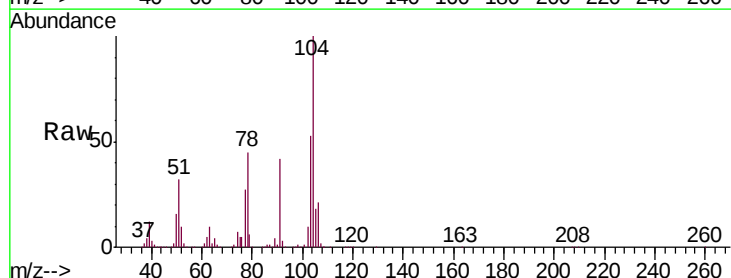
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

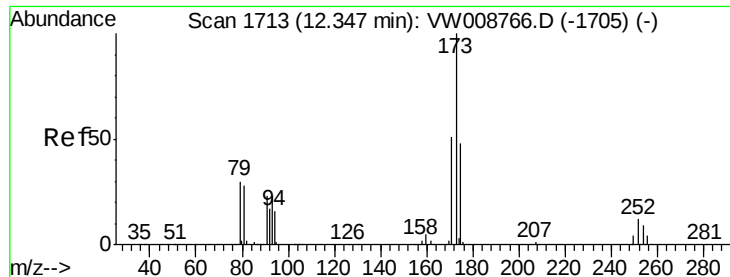
Tgt Ion:106 Resp: 102459
Ion Ratio Lower Upper
106 100
91 213.2 106.2 318.6



#70
Styrene
Concen: 20.429 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion:104 Resp: 167444
Ion Ratio Lower Upper
104 100
78 51.9 40.8 61.2
103 56.2 44.2 66.2





#71

Bromoform

Concen: 20.996 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

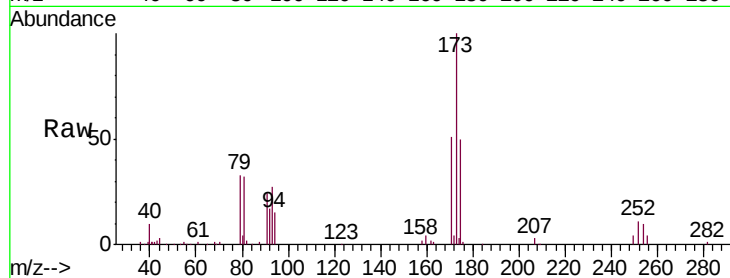
Tgt Ion:173 Resp: 28999

Ion Ratio Lower Upper

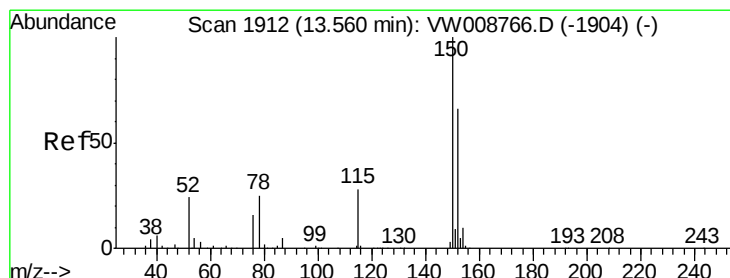
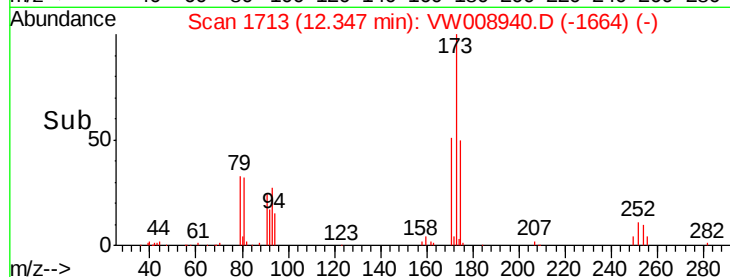
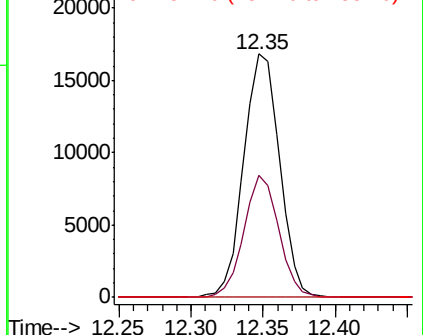
173 100

175 48.6 24.2 72.6

254 0.0 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

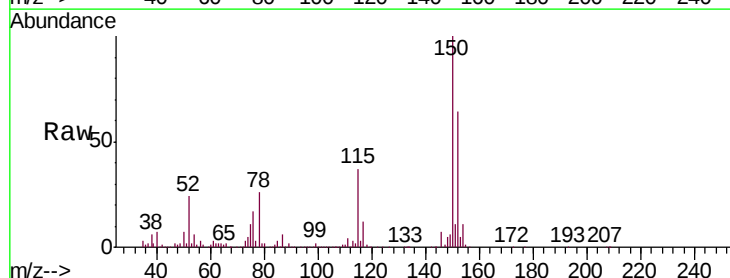
Tgt Ion:152 Resp: 194288

Ion Ratio Lower Upper

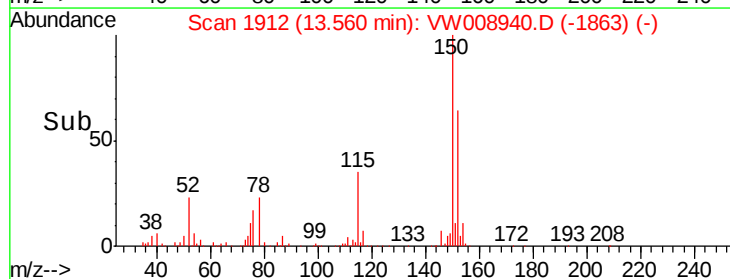
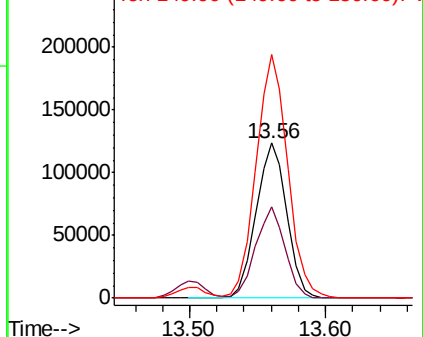
152 100

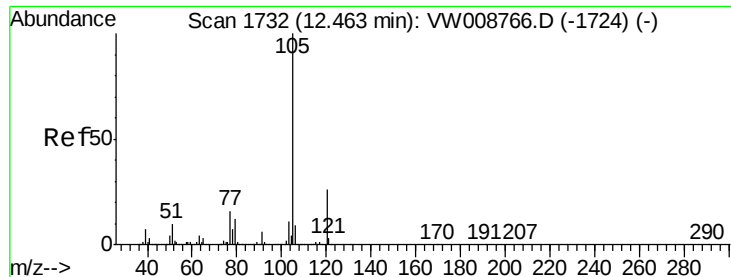
115 56.8 28.6 85.8

150 162.8 0.0 348.0



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





#73

Isopropylbenzene

Concen: 20.374 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

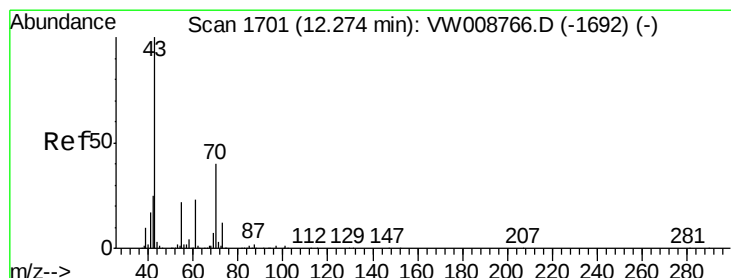
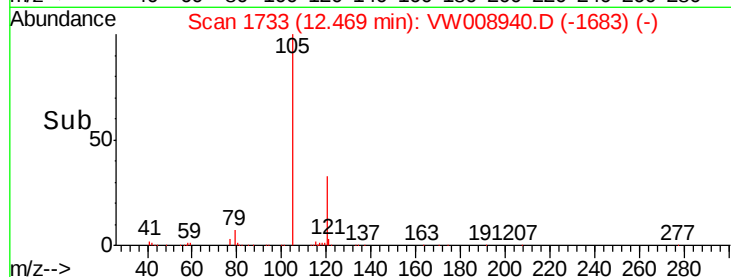
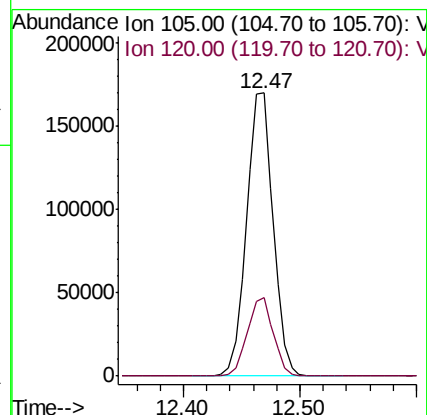
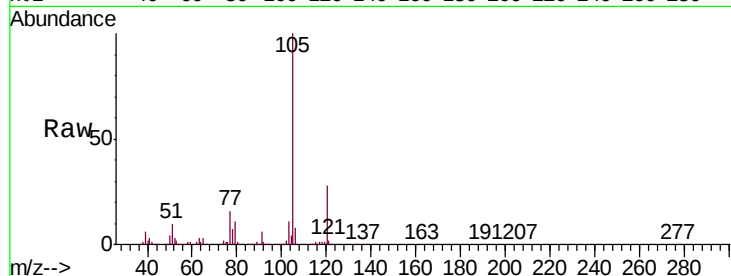
VW0302SBS02

Tgt Ion: 105 Resp: 271361

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 19.610 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Tgt Ion: 43 Resp: 65792

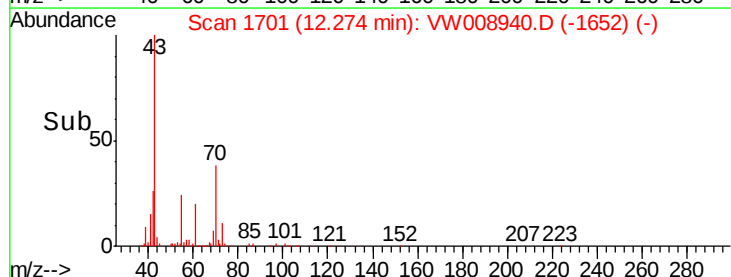
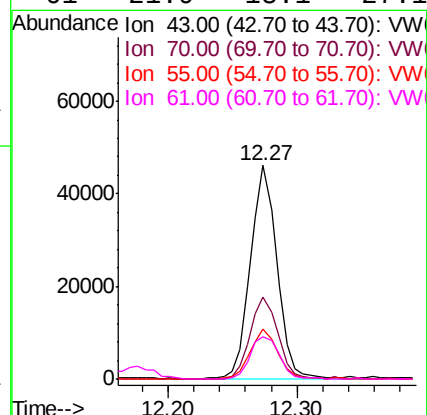
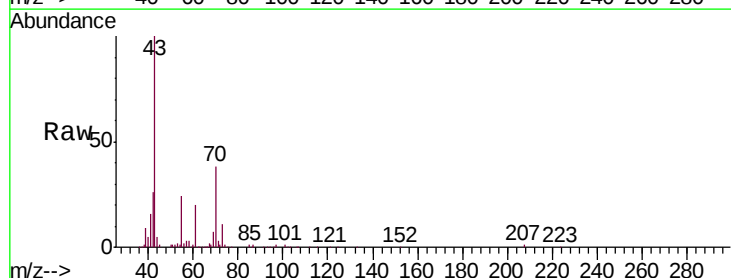
Ion Ratio Lower Upper

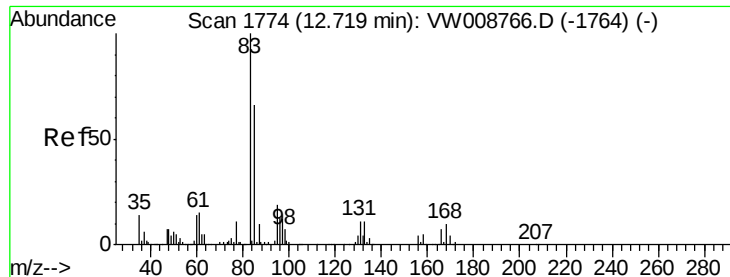
43 100

70 39.9 31.0 46.6

55 24.6 18.7 28.1

61 21.9 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.337 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

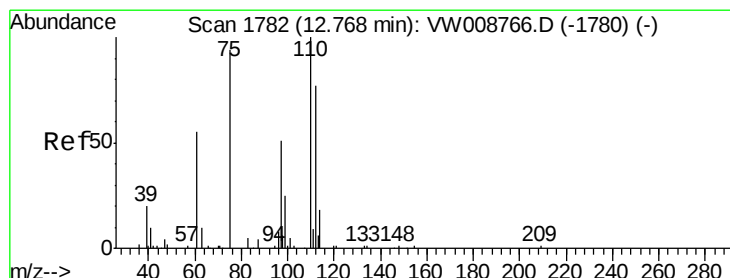
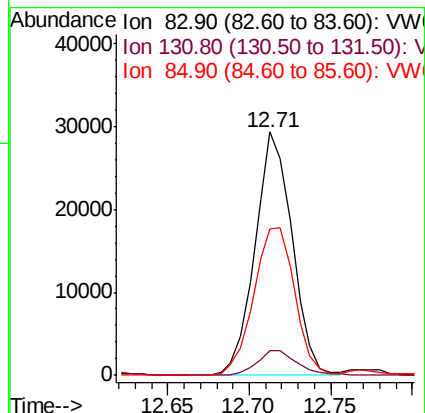
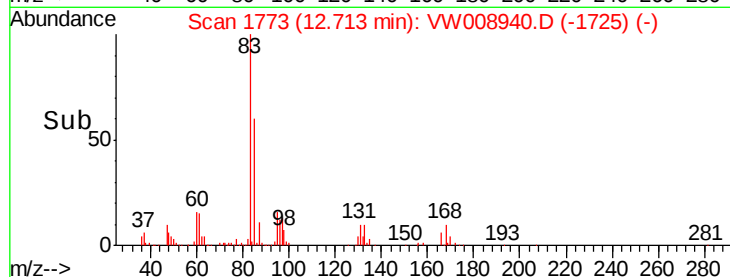
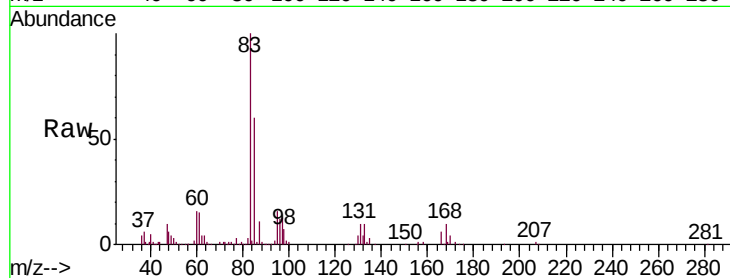
Tgt Ion: 83 Resp: 46437

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

85 67.1 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 38.724 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008940.D

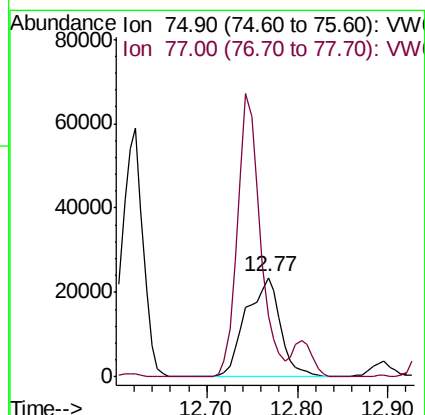
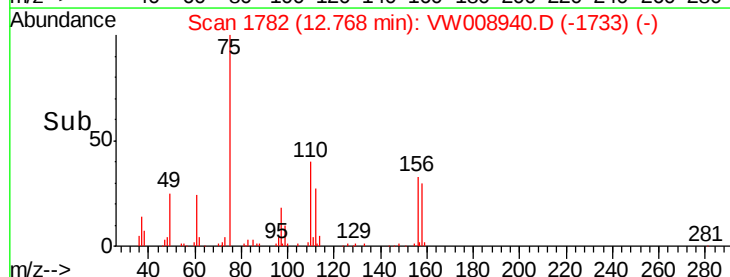
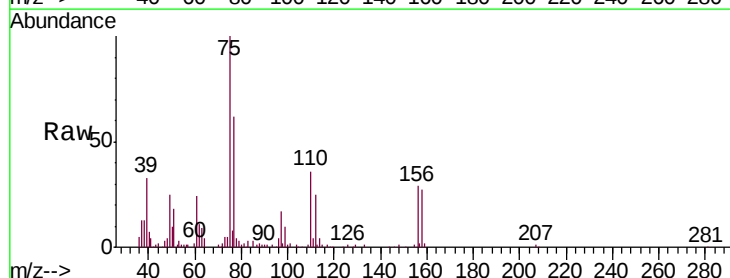
Acq: 02 Mar 2019 01:03

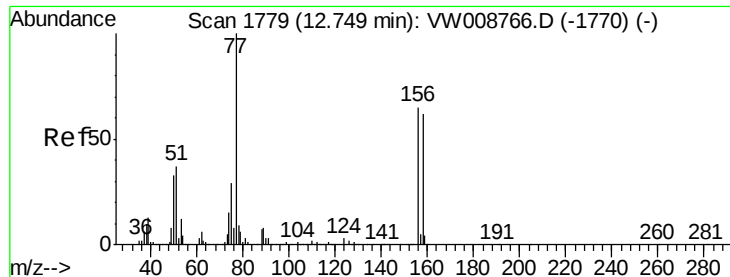
Tgt Ion: 75 Resp: 62118

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.223 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

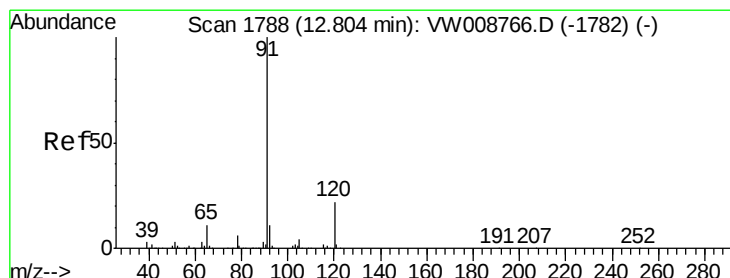
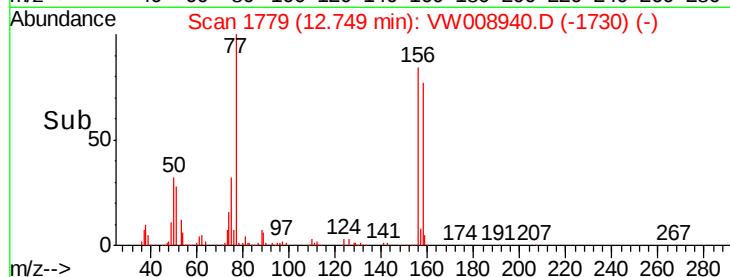
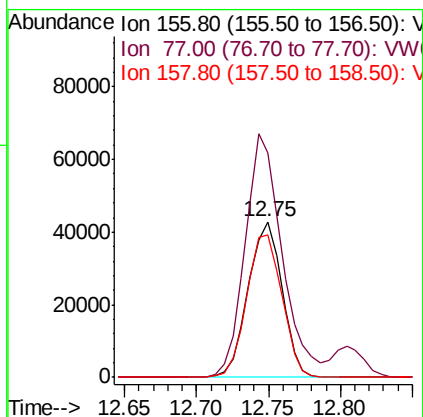
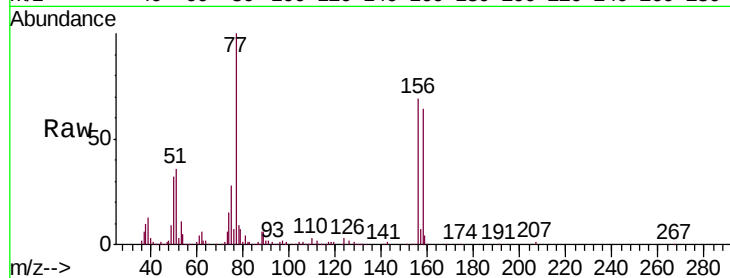
Tgt Ion:156 Resp: 69946

Ion Ratio Lower Upper

156 100

77 169.9 89.1 267.4

158 94.9 49.2 147.6



#78

n-propylbenzene

Concen: 20.146 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008940.D

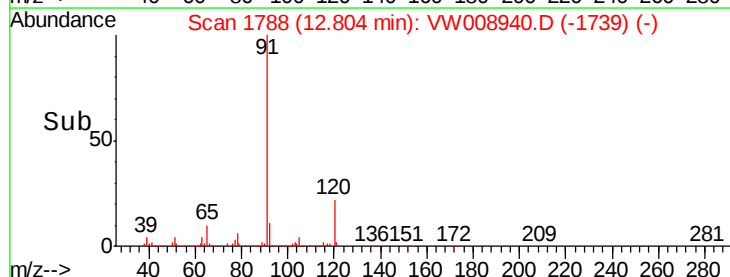
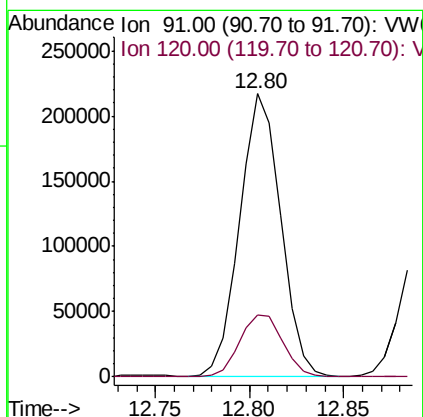
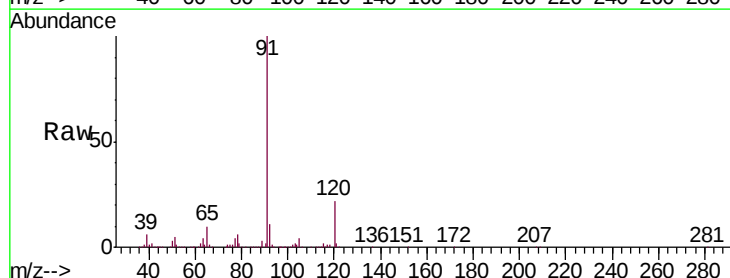
Acq: 02 Mar 2019 01:03

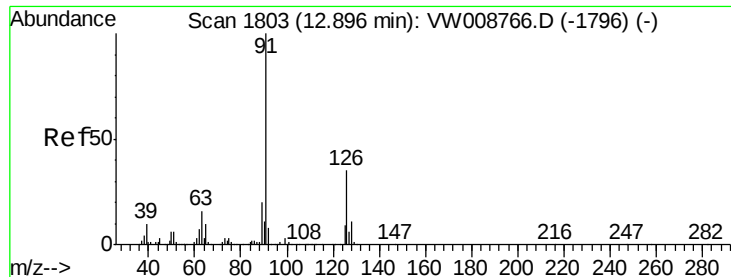
Tgt Ion: 91 Resp: 328234

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.862 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

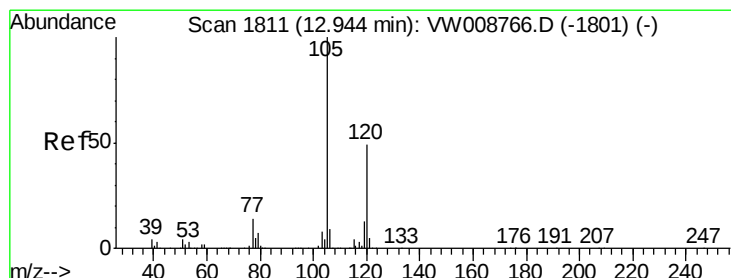
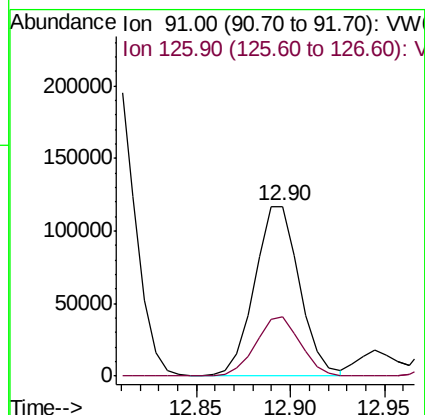
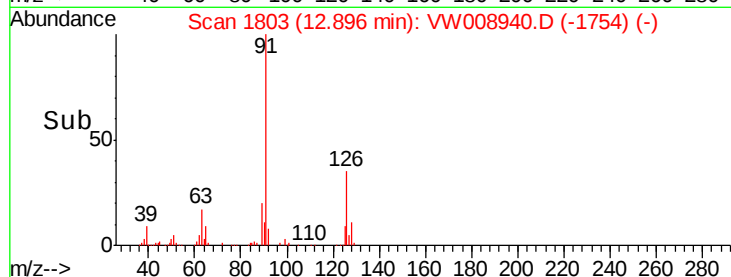
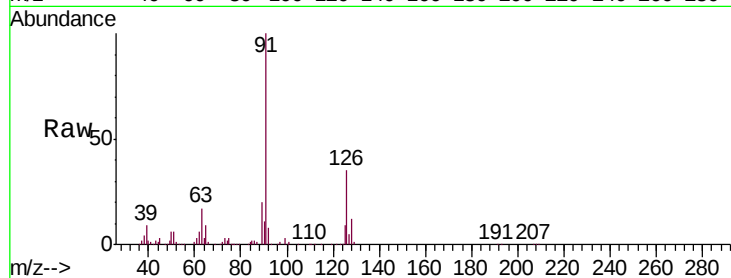
VW0302SBS02

Tgt Ion: 91 Resp: 192980

Ion Ratio Lower Upper

91 100

126 34.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 20.277 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008940.D

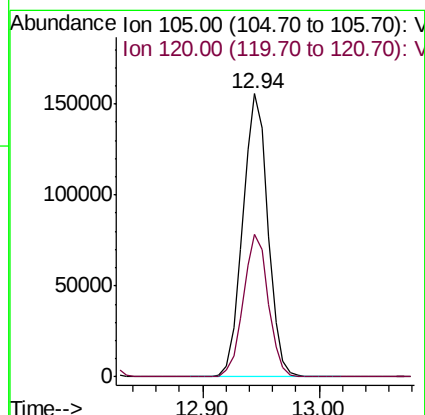
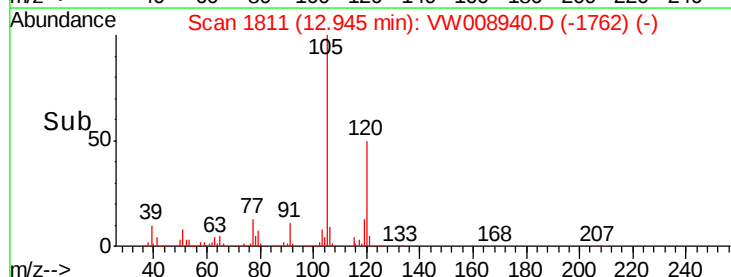
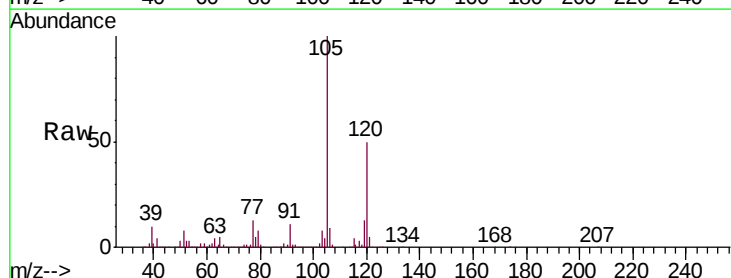
Acq: 02 Mar 2019 01:03

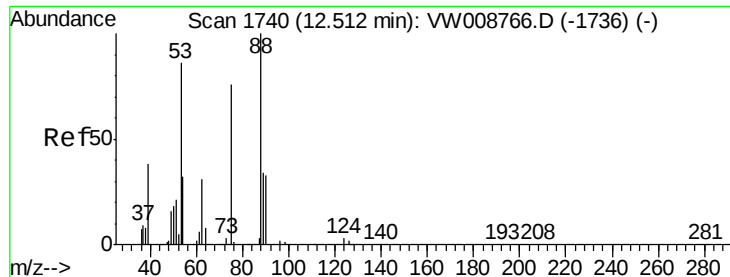
Tgt Ion: 105 Resp: 234695

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.397 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

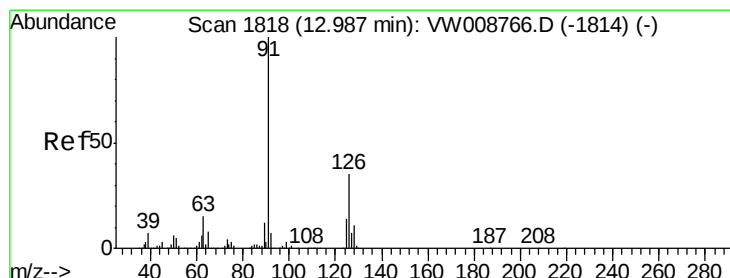
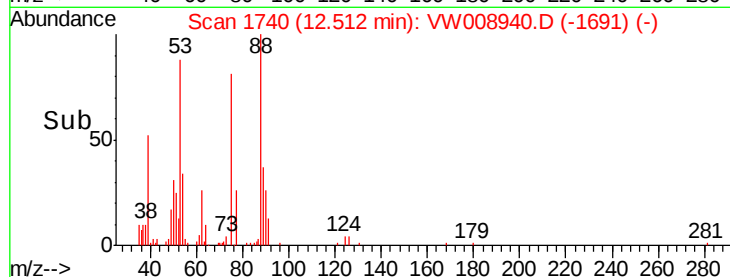
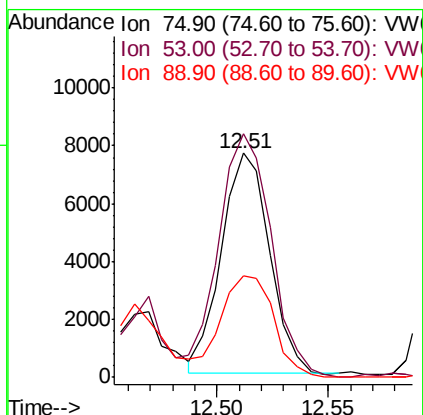
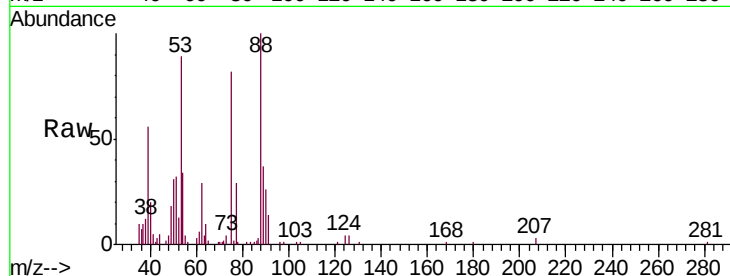
Tgt Ion: 75 Resp: 11479

Ion Ratio Lower Upper

75 100

53 122.1 88.2 132.2

89 50.5 39.5 59.3



#82

4-Chlorotoluene

Concen: 20.688 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008940.D

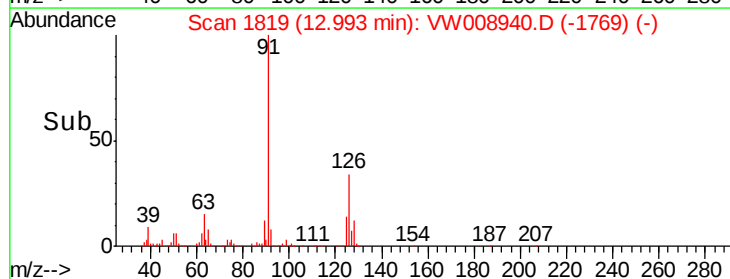
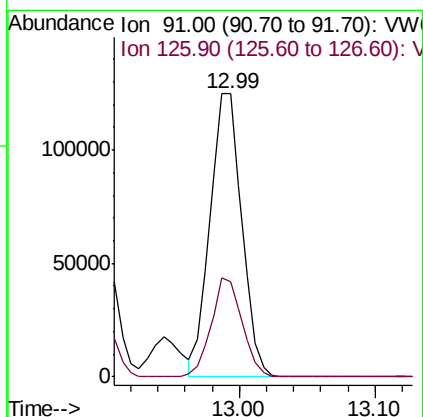
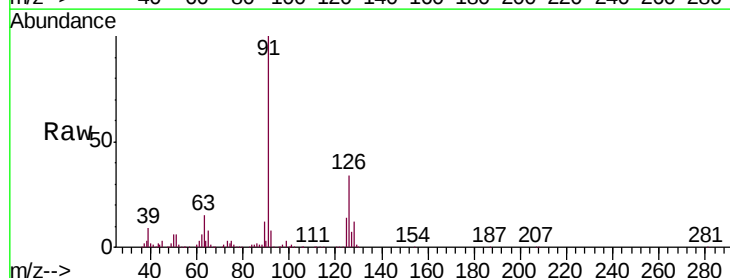
Acq: 02 Mar 2019 01:03

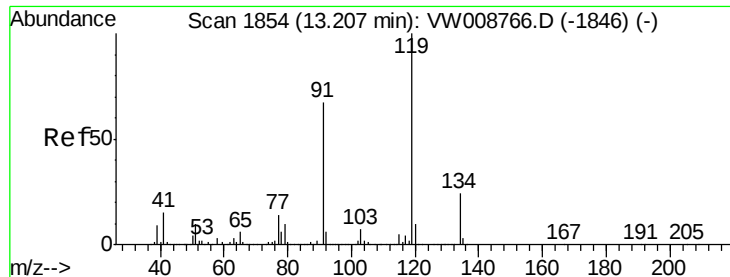
Tgt Ion: 91 Resp: 201666

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6

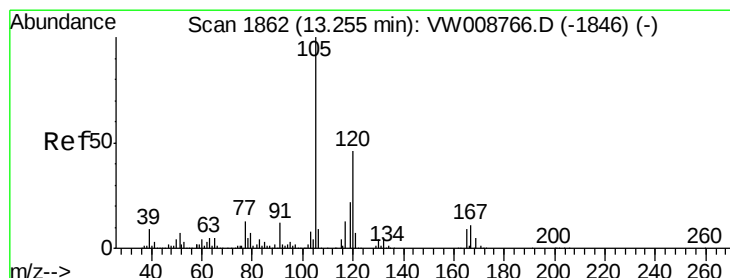
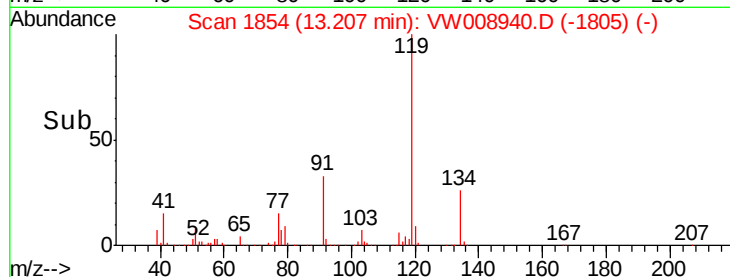
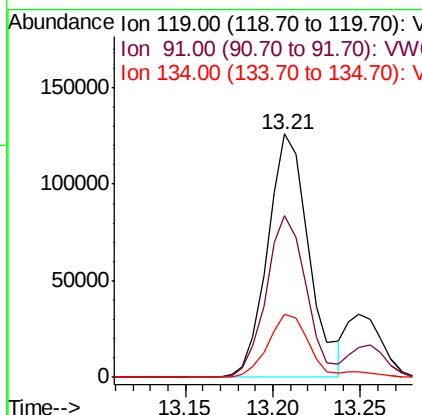
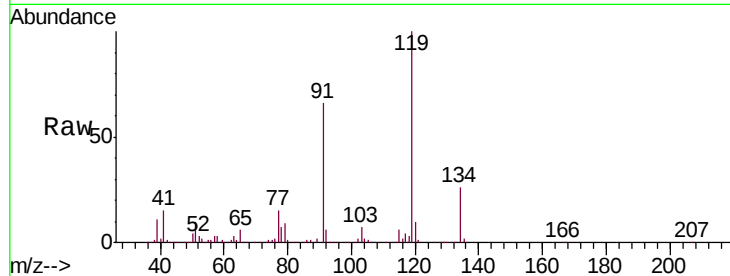




#83
 tert-Butylbenzene
 Concen: 20.703 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

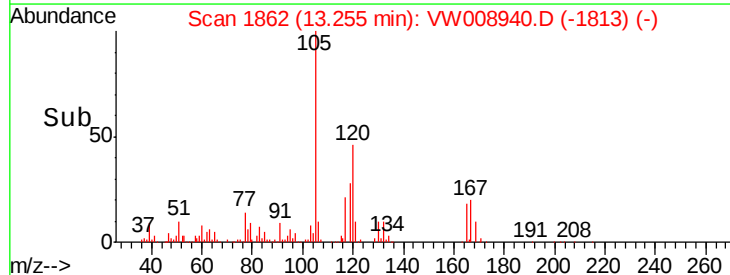
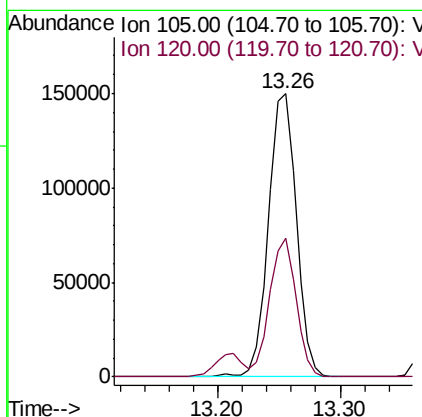
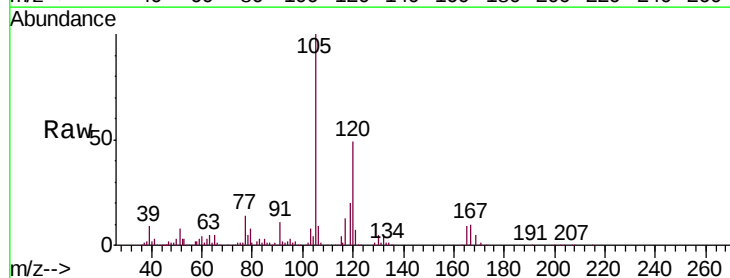
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

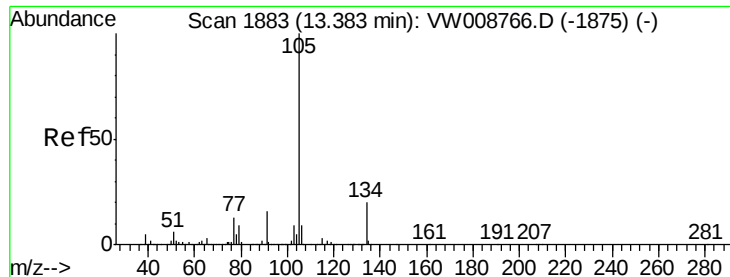
Tgt Ion:119 Resp: 207201
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.6 100.8
 134 25.3 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.907 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion:105 Resp: 238517
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.869 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

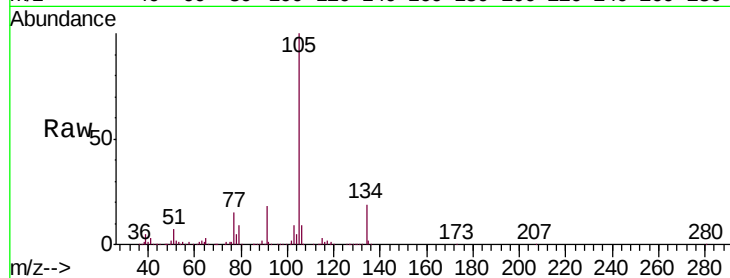
VW0302SBS02

Tgt Ion:105 Resp: 285931

Ion Ratio Lower Upper

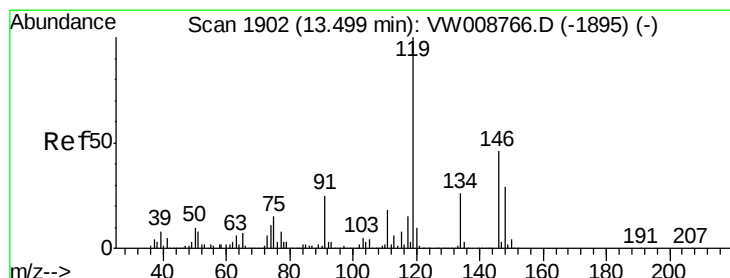
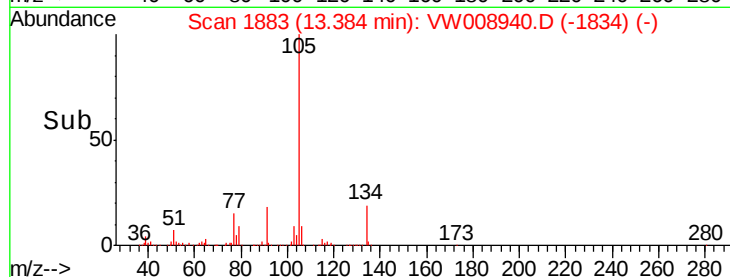
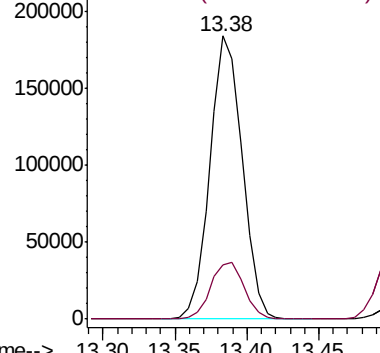
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.082 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

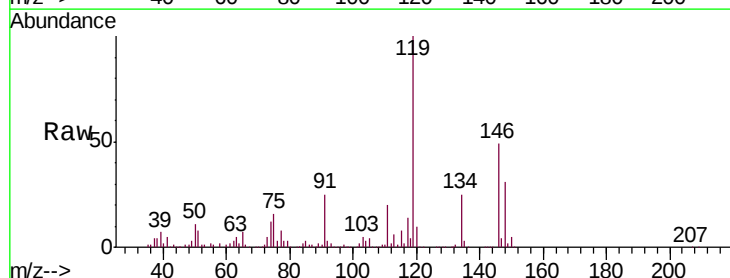
Tgt Ion:119 Resp: 251744

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

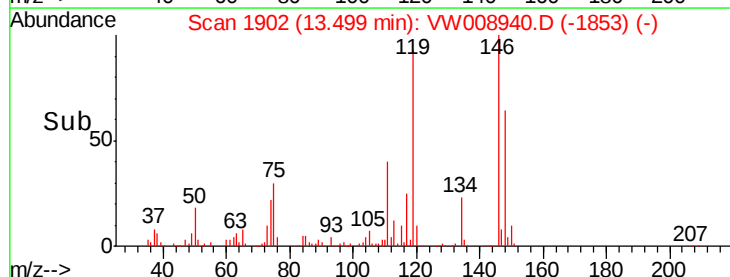
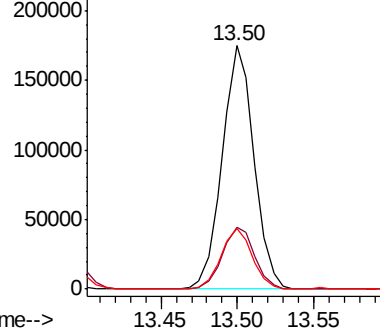
91 24.3 12.1 36.3

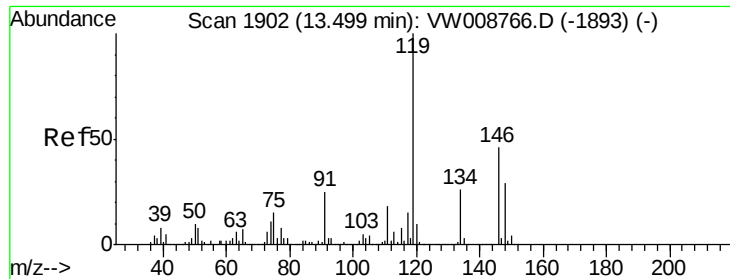


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

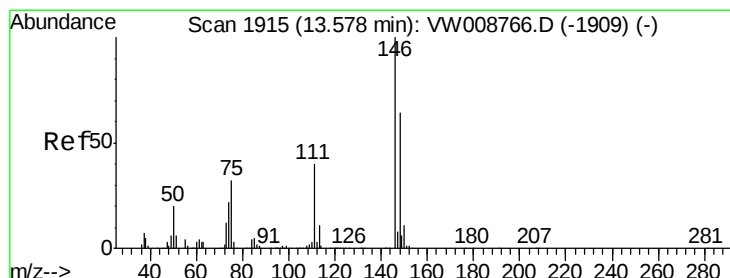
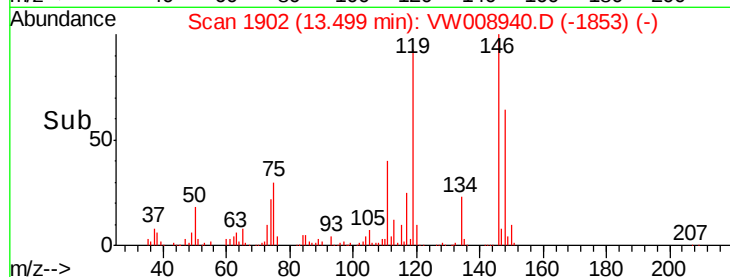
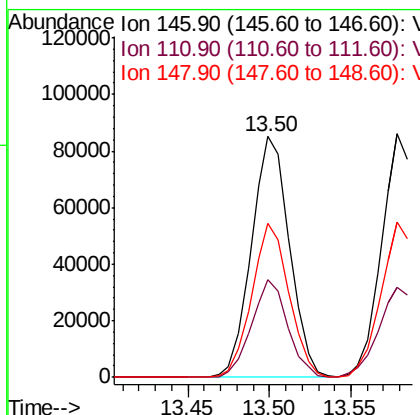
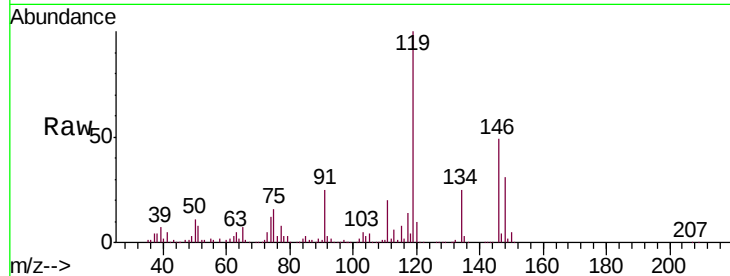




#87
 1,3-Dichlorobenzene
 Concen: 21.090 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

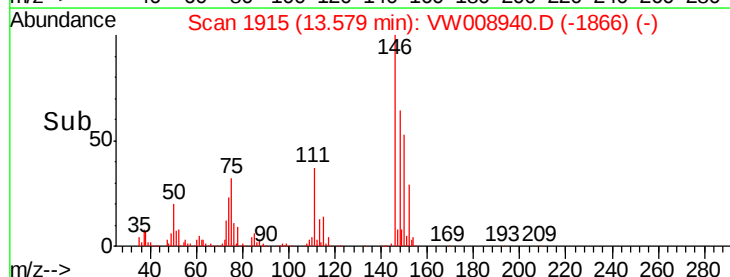
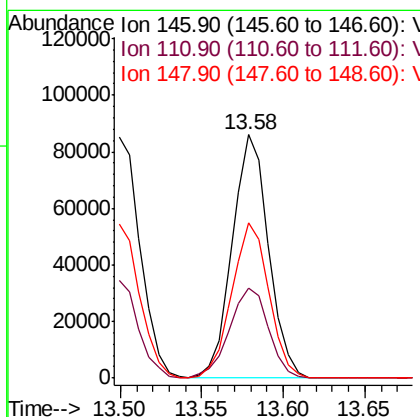
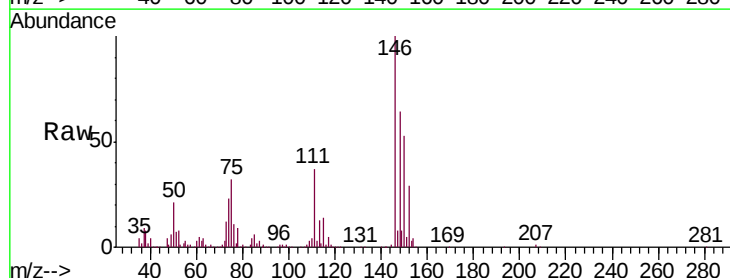
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

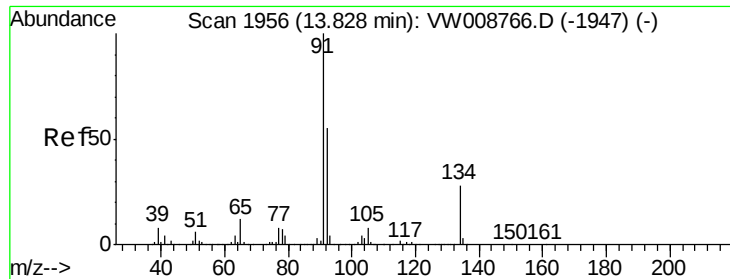
Tgt Ion:146 Resp: 137725
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.7
 148 62.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.690 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion:146 Resp: 133165
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.3 57.9
 148 65.2 31.9 95.9





#89

n-Butylbenzene

Concen: 18.557 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008940.D

Acq: 02 Mar 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBS02

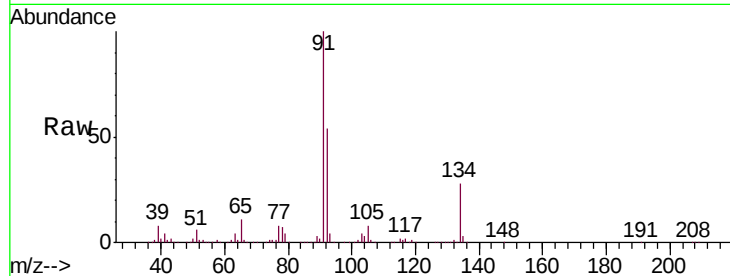
Tgt Ion: 91 Resp: 229354

Ion Ratio Lower Upper

91 100

92 52.3 26.8 80.4

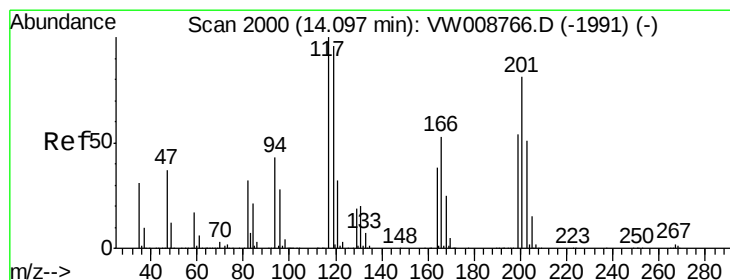
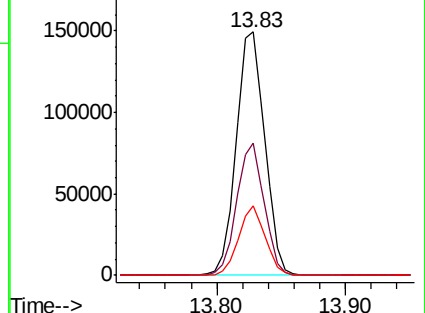
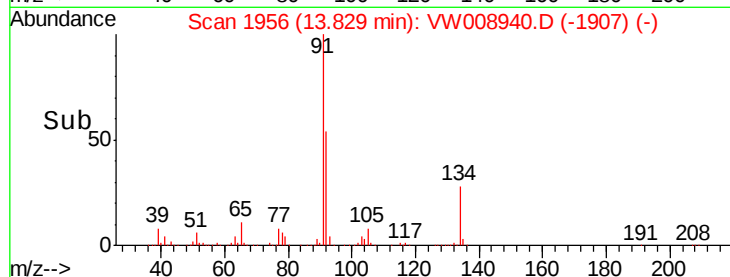
134 26.8 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.949 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008940.D

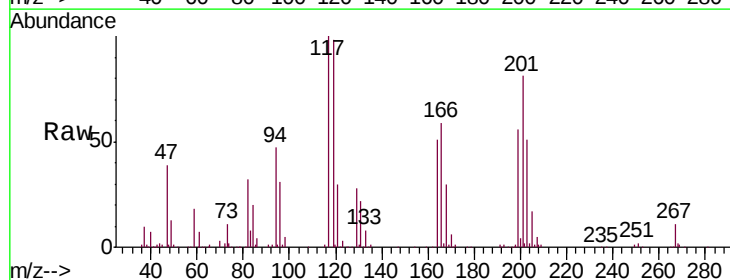
Acq: 02 Mar 2019 01:03

Tgt Ion: 117 Resp: 45244

Ion Ratio Lower Upper

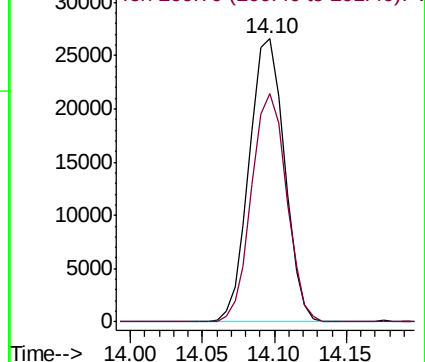
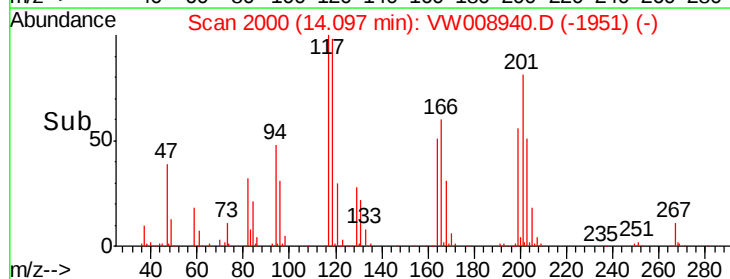
117 100

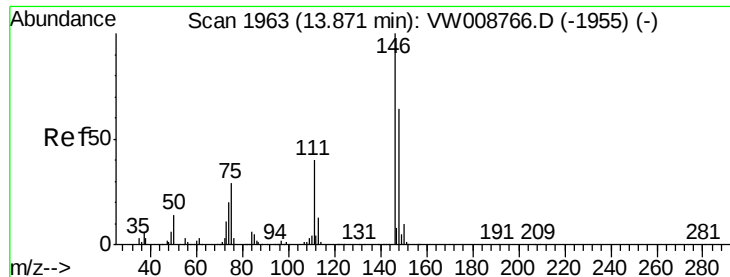
201 79.8 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

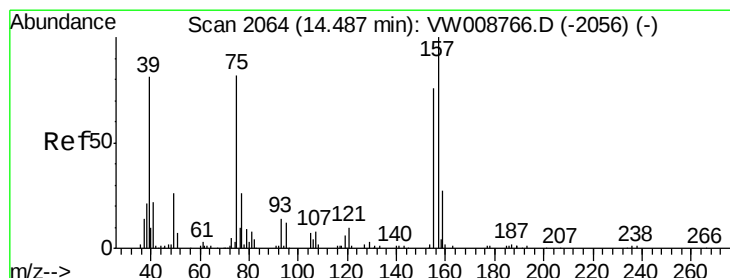
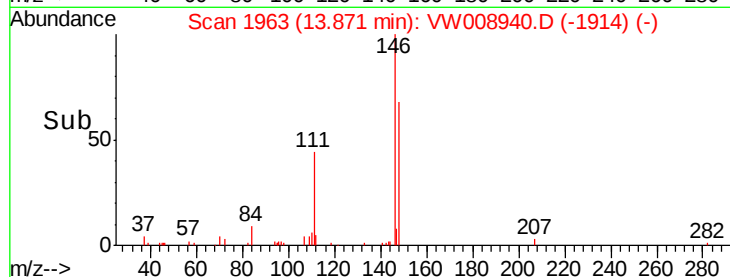
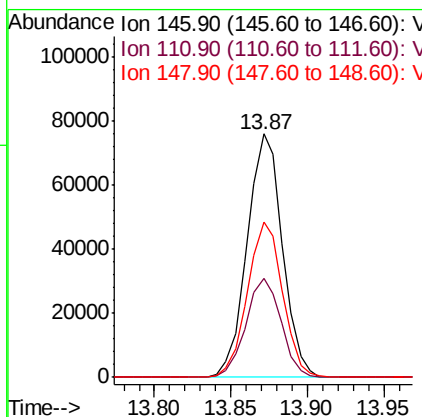
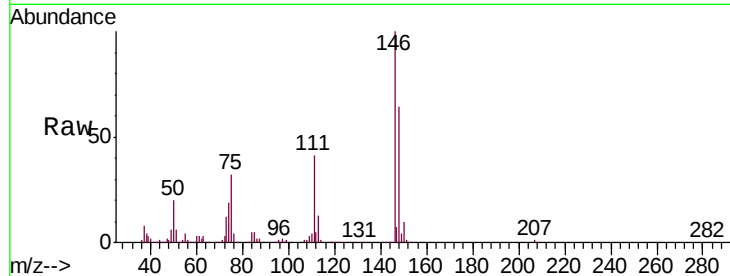




#91
 1,2-Dichlorobenzene
 Concen: 20.931 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

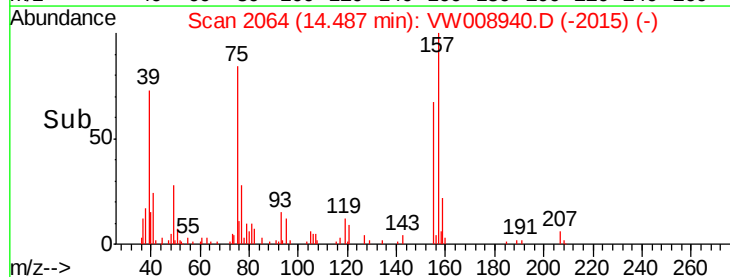
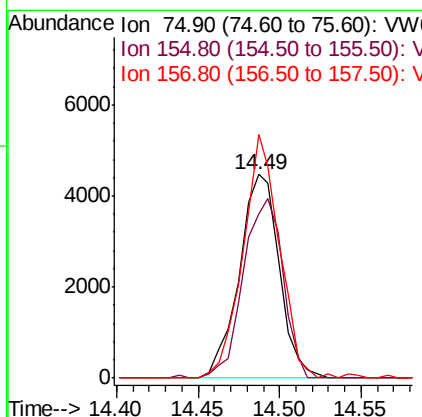
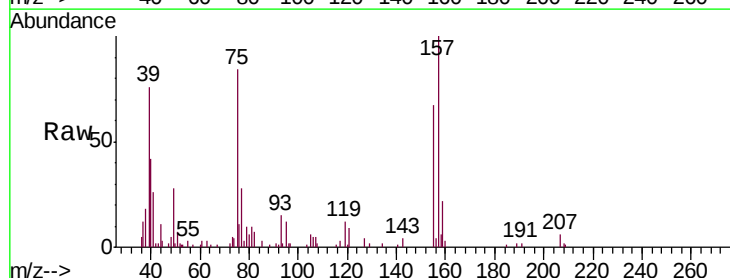
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

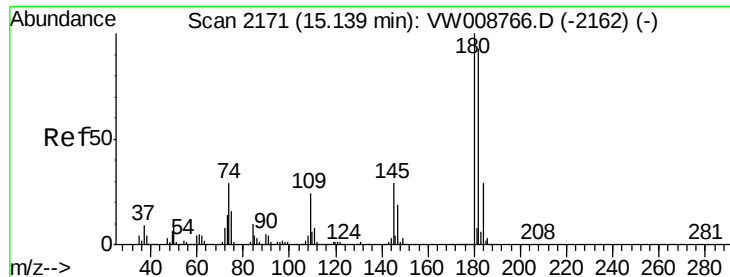
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.8
148	63.6	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.445 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	41.8	125.4
157	108.7	56.6	169.9

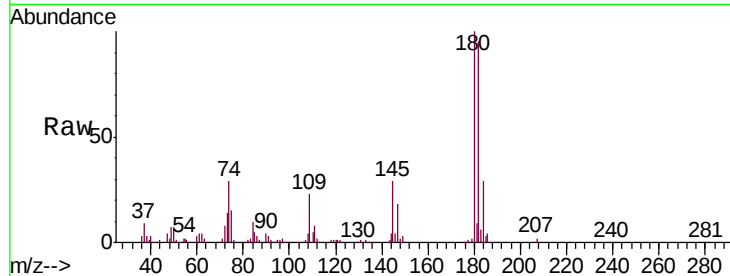




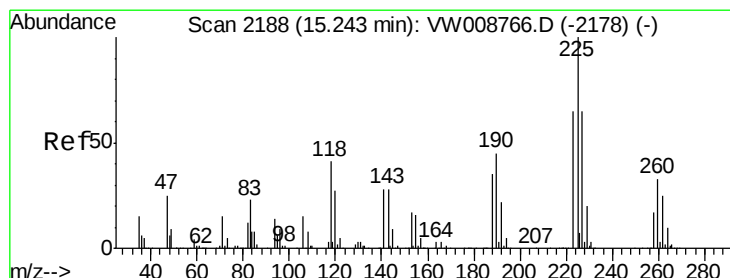
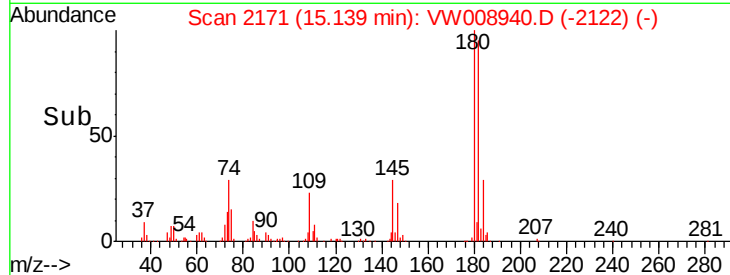
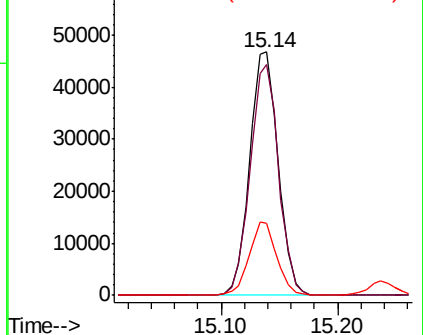
#93
 1,2,4-Trichlorobenzene
 Concen: 19.008 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS02

Tgt Ion:180 Resp: 79690
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.2 141.6
 145 29.2 14.4 43.0

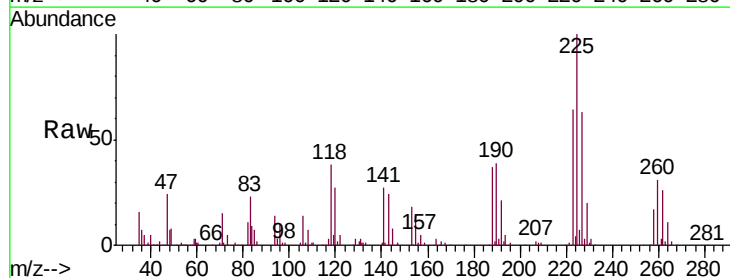


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

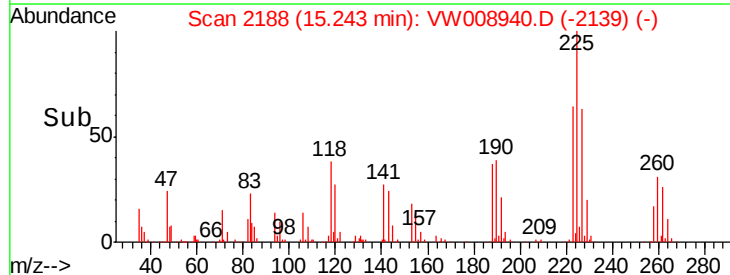
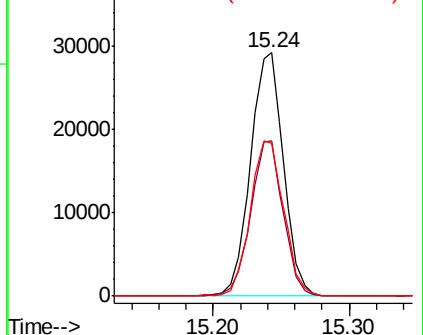


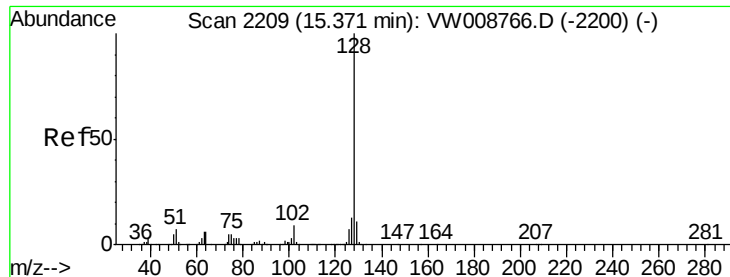
#94
 Hexachlorobutadiene
 Concen: 20.080 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008940.D
 Acq: 02 Mar 2019 01:03

Tgt Ion:225 Resp: 49586
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.5 94.5
 227 65.0 31.6 94.8



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

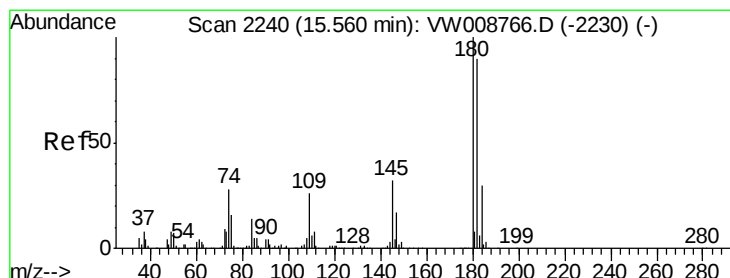
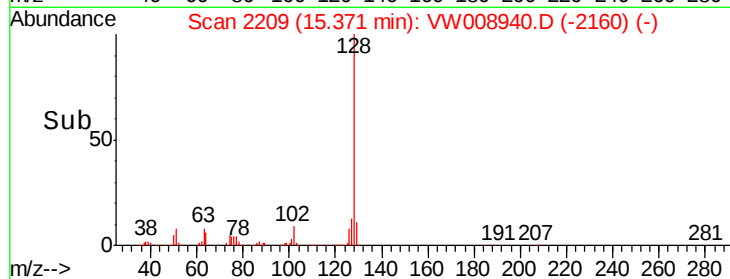
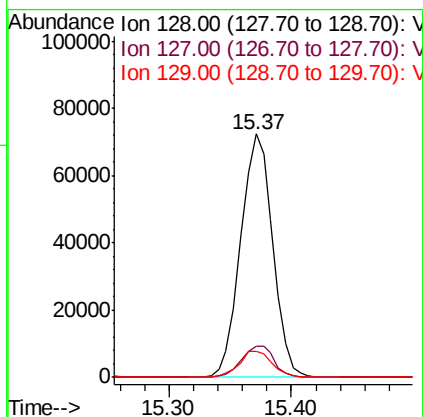
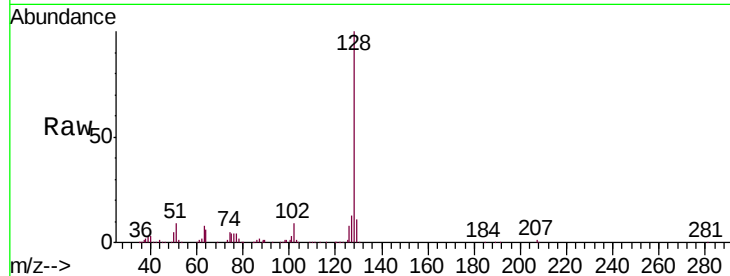




#95
Naphthalene
Concen: 18.448 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.551 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008940.D
Acq: 02 Mar 2019 01:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.9	140.8
145	31.8	15.9	47.6

