

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
 Data File : VW008350.D
 Acq On : 18 Jan 2019 12:35
 Operator : SY/VA
 Sample : VW0118SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

Quant Time: Jan 19 01:43:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	141111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66193	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47216	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
35) Dibromofluoromethane	7.88	113	47587	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.32	98	203752	57.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.16%	
62) 4-Bromofluorobenzene	12.62	95	70059	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	12206	23.639	ug/l	87
3) Chloromethane	2.21	50	16772	22.159	ug/l	96
4) Vinyl Chloride	2.36	62	23161	23.949	ug/l	92
5) Bromomethane	2.78	94	18834	25.698	ug/l	96
6) Chloroethane	2.93	64	16497	26.061	ug/l	96
7) Trichlorofluoromethane	3.25	101	17578	24.754	ug/l	89
8) Diethyl Ether	3.67	74	10009	20.327	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16984	20.544	ug/l	96
10) Methyl Iodide	4.26	142	23997	17.998	ug/l	96
11) Tert butyl alcohol	5.17	59	4304	74.990	ug/l #	93
12) 1,1-Dichloroethene	4.02	96	17175	20.426	ug/l	97
13) Acrolein	3.89	56	3721	68.429	ug/l	85
14) Allyl chloride	4.66	41	29528	21.006	ug/l	96
15) Acrylonitrile	5.37	53	18866	99.740	ug/l	97
16) Acetone	4.12	43	19184	96.906	ug/l	98
17) Carbon Disulfide	4.37	76	49753	19.446	ug/l	95
18) Methyl Acetate	4.67	43	10563	19.975	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	25059	19.469	ug/l #	89
20) Methylene Chloride	4.90	84	21269	21.104	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	19867	21.037	ug/l	91
22) Diisopropyl ether	6.31	45	60025	21.872	ug/l	96
23) Vinyl Acetate	6.25	43	153473	104.619	ug/l	97
24) 1,1-Dichloroethane	6.21	63	36028	21.561	ug/l	96
25) 2-Butanone	7.17	43	25088	98.946	ug/l	97
26) 2,2-Dichloropropane	7.16	77	23450	21.991	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	21642	21.152	ug/l	96
28) Bromochloromethane	7.50	49	13269	19.274	ug/l #	98
29) Tetrahydrofuran	7.52	42	15193	96.116	ug/l	99
30) Chloroform	7.67	83	36282	21.946	ug/l	89
31) Cyclohexane	7.95	56	35077	22.032	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	30420	21.924	ug/l	96
36) 1,1-Dichloropropene	8.08	75	30413	21.422	ug/l	100
37) Ethyl Acetate	7.25	43	9449	16.140	ug/l #	90
38) Carbon Tetrachloride	8.06	117	28101	20.045	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35864	21.237	ug/l	95
40) Benzene	8.32	78	83103	20.664	ug/l	99
41) Methacrylonitrile	7.48	41	6364	18.673	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	22751	20.232	ug/l	98
43) Isopropyl Acetate	8.42	43	20078	18.156	ug/l	95
44) Trichloroethene	9.09	130	21010	19.069	ug/l	91
45) 1,2-Dichloropropane	9.37	63	21069	21.091	ug/l	98
46) Dibromomethane	9.46	93	9629	18.495	ug/l	94
47) Bromodichloromethane	9.65	83	26330	20.502	ug/l	92
48) Methyl methacrylate	9.44	41	9377	18.012	ug/l	95
49) 1,4-Dioxane	9.45	88	2853	340.400	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	51929	92.736	ug/l	97
52) Toluene	10.38	92	55430	21.780	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	25582	19.958	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	31173	20.631	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14344	19.863	ug/l	95
56) Ethyl methacrylate	10.65	69	15338	18.086	ug/l	98
57) 1,3-Dichloropropane	10.93	76	24868	19.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	40004	97.791	ug/l	100
59) 2-Hexanone	10.97	43	37362	95.227	ug/l	96
60) Dibromochloromethane	11.13	129	16460	19.099	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13493	19.296	ug/l	99
64) Tetrachloroethene	10.86	164	17700	19.039	ug/l	95
65) Chlorobenzene	11.66	112	58649	20.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	19412	19.502	ug/l	97
67) Ethyl Benzene	11.73	91	103659	20.643	ug/l	98
68) m/p-Xylenes	11.84	106	81595	41.863	ug/l	98
69) o-Xylene	12.17	106	37177	20.416	ug/l	100
70) Styrene	12.18	104	61955	21.182	ug/l	99
71) Bromoform	12.35	173	9108	18.368	ug/l #	98
73) Isopropylbenzene	12.47	105	105552	21.885	ug/l	99
74) N-amyl acetate	12.27	43	19682	19.042	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	16356	19.938	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	21018	34.868	ug/l #	1
77) Bromobenzene	12.75	156	21811	18.827	ug/l	90
78) n-propylbenzene	12.80	91	130365	22.332	ug/l	98
79) 2-Chlorotoluene	12.90	91	71411	21.410	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	88703	22.040	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	4824	19.098	ug/l	94
82) 4-Chlorotoluene	12.99	91	76536	21.959	ug/l	97
83) tert-Butylbenzene	13.21	119	77358	21.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	89958	21.941	ug/l	99
85) sec-Butylbenzene	13.39	105	113026	22.223	ug/l	99
86) p-Isopropyltoluene	13.51	119	97858	22.030	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	46315	20.121	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	46847	20.315	ug/l	97
89) n-Butylbenzene	13.83	91	98005	23.001	ug/l	98
90) Hexachloroethane	14.10	117	17954	21.840	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	40620	19.988	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2562	19.099	ug/l	91

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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

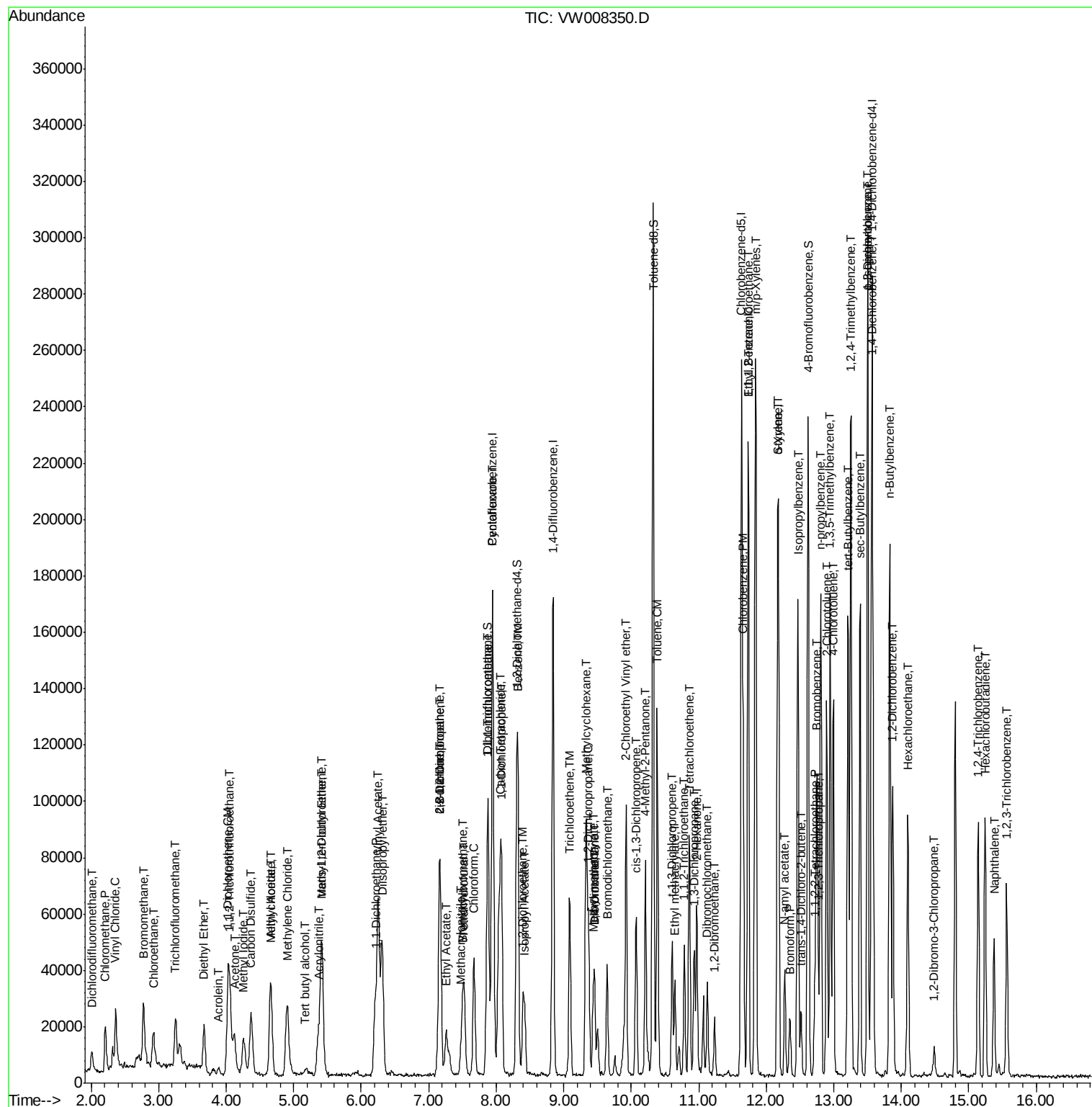
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26324	19.135	ug/l	98
94) Hexachlorobutadiene	15.24	225	16118	20.789	ug/l	97
95) Naphthalene	15.38	128	42683	18.346	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	22320	18.627	ug/l	97

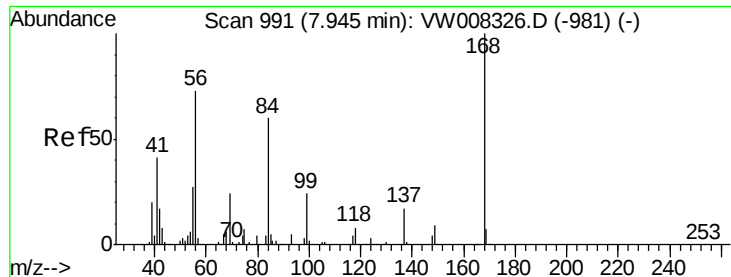
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
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 Sample : VW0118SBS01
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

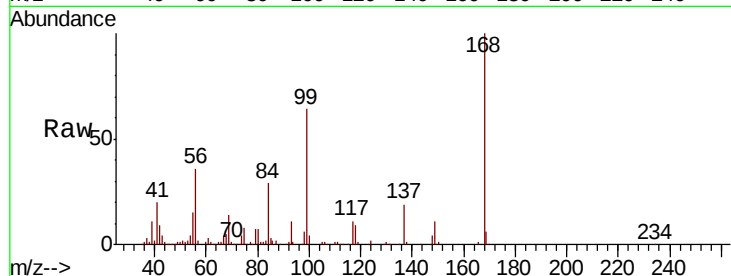
VW0118SBS01

Tgt Ion:168 Resp: 81946

Ion Ratio Lower Upper

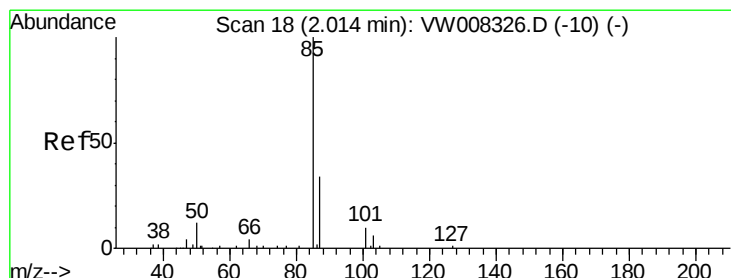
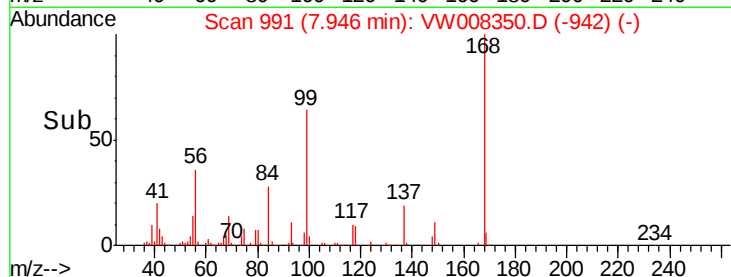
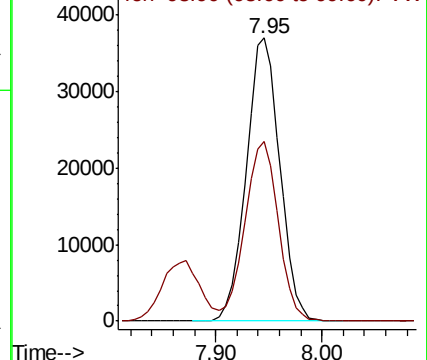
168 100

99 63.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.639 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008350.D

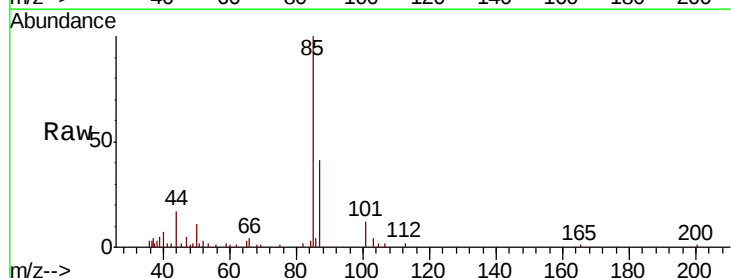
Acq: 18 Jan 2019 12:35

Tgt Ion: 85 Resp: 12206

Ion Ratio Lower Upper

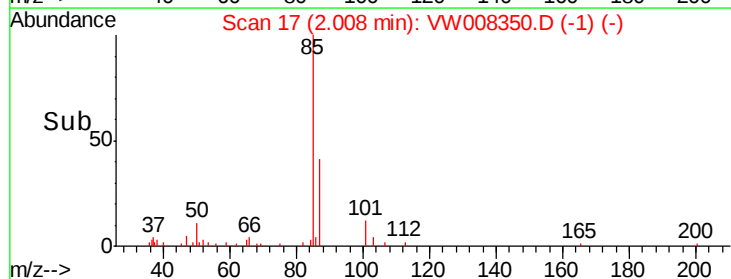
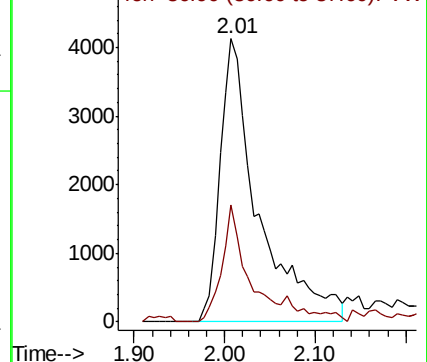
85 100

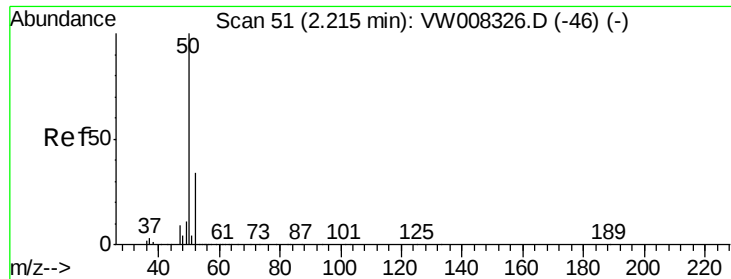
87 41.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.159 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

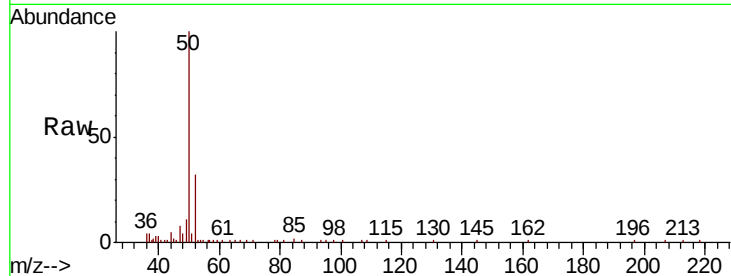
VW0118SBS01

Tgt Ion: 50 Resp: 16772

Ion Ratio Lower Upper

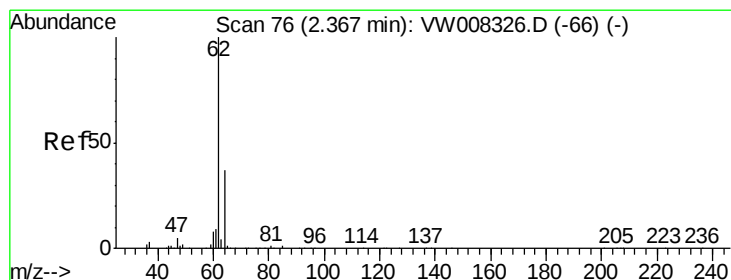
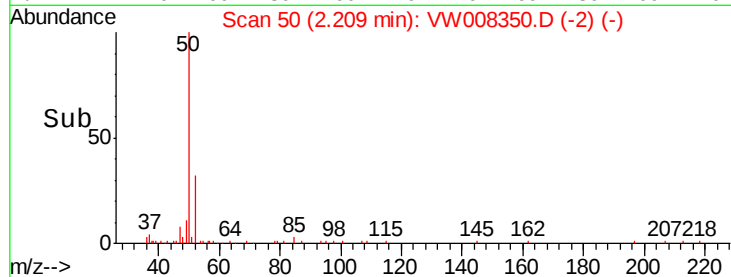
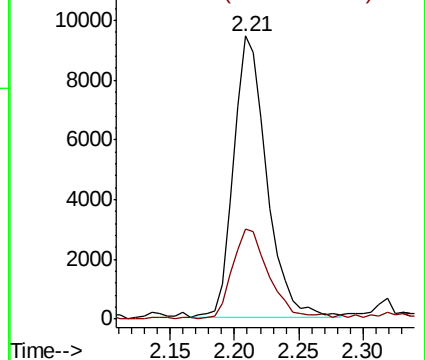
50 100

52 31.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 23.949 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008350.D

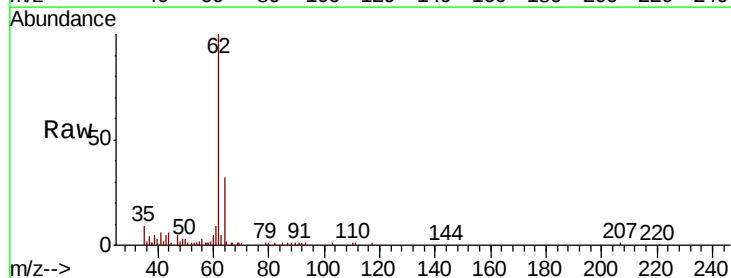
Acq: 18 Jan 2019 12:35

Tgt Ion: 62 Resp: 23161

Ion Ratio Lower Upper

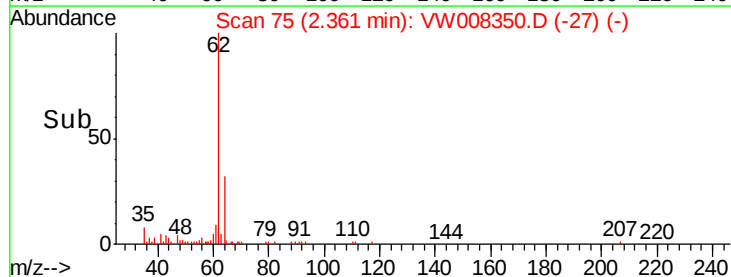
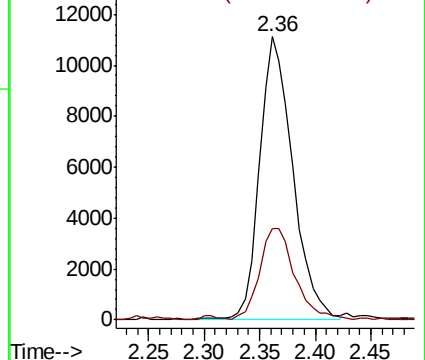
62 100

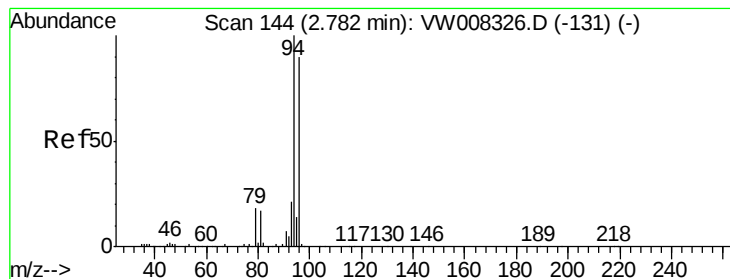
64 32.1 29.4 44.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 25.698 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

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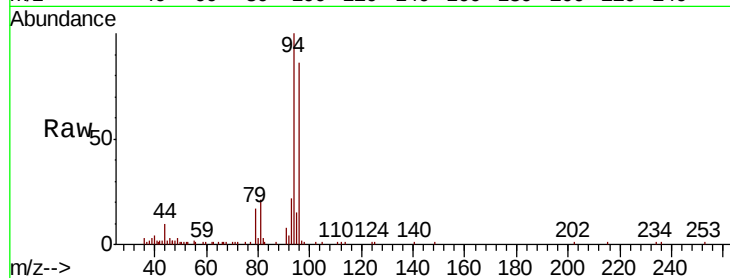
VW0118SBS01

Tgt Ion: 94 Resp: 18834

Ion Ratio Lower Upper

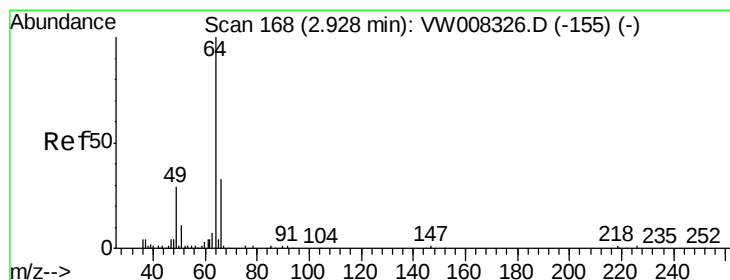
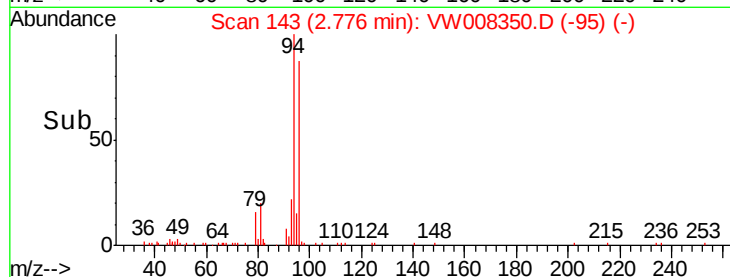
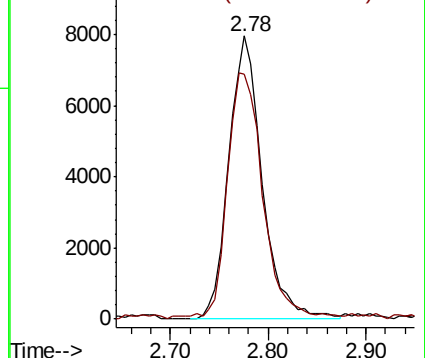
94 100

96 85.5 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 26.061 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008350.D

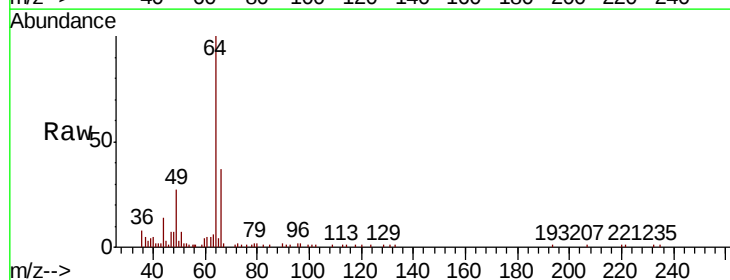
Acq: 18 Jan 2019 12:35

Tgt Ion: 64 Resp: 16497

Ion Ratio Lower Upper

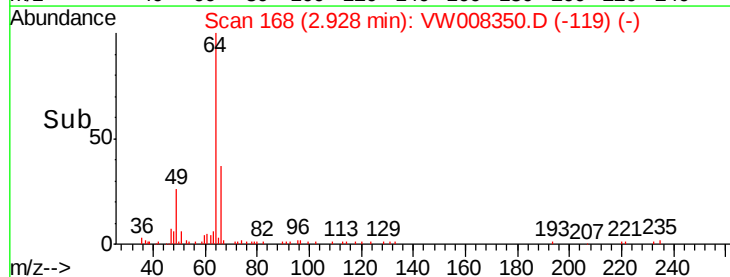
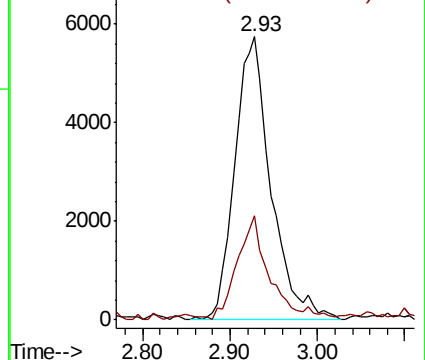
64 100

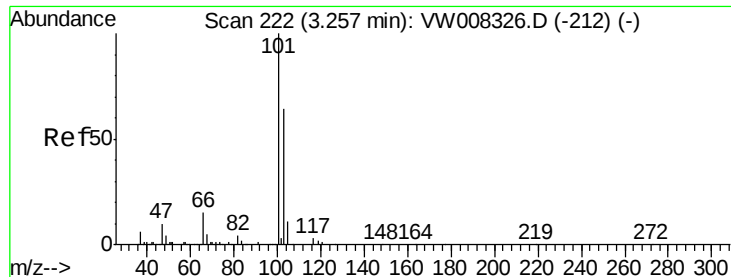
66 35.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



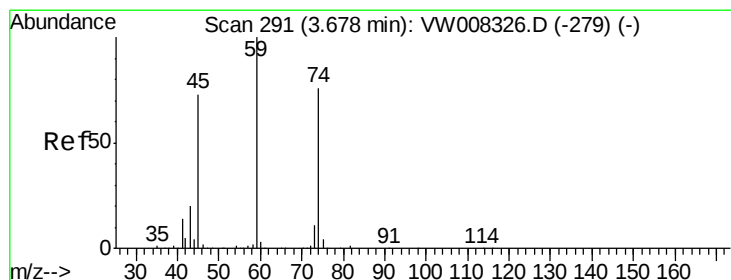
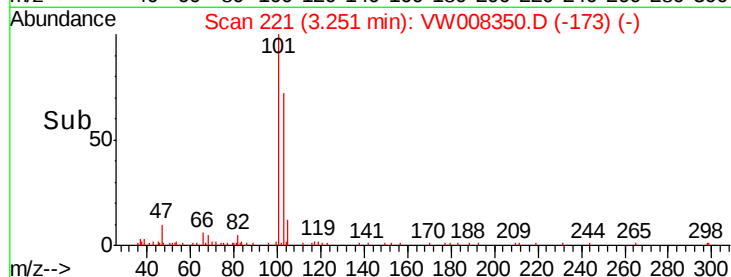
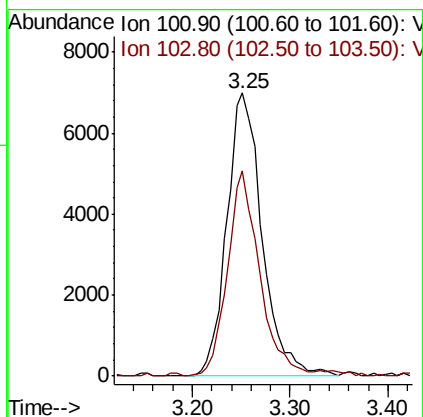
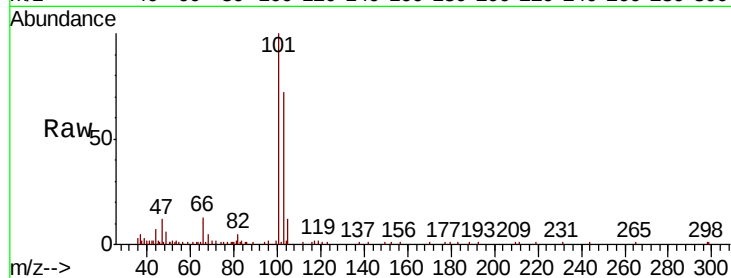


#7

Trichlorofluoromethane
 Concen: 24.754 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Instrument :
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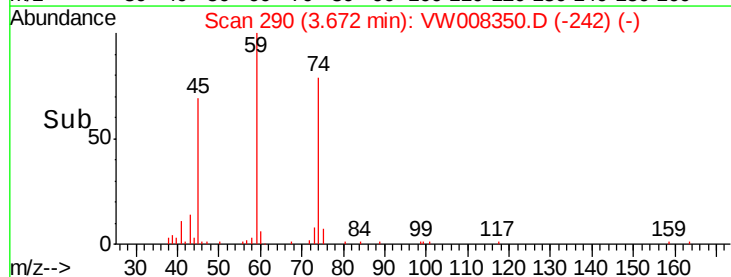
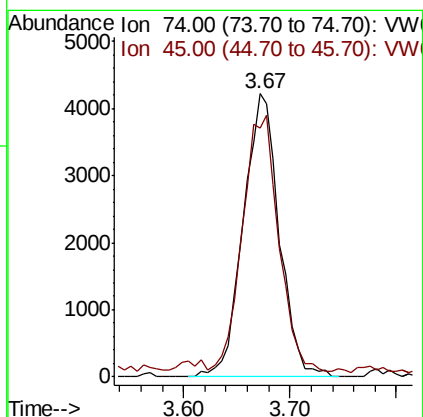
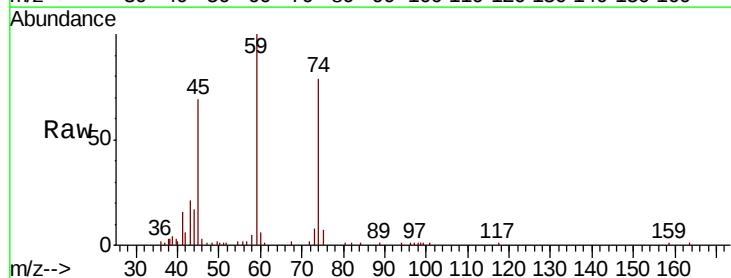
Tgt Ion:101 Resp: 17578
 Ion Ratio Lower Upper
 101 100
 103 72.4 50.9 76.3

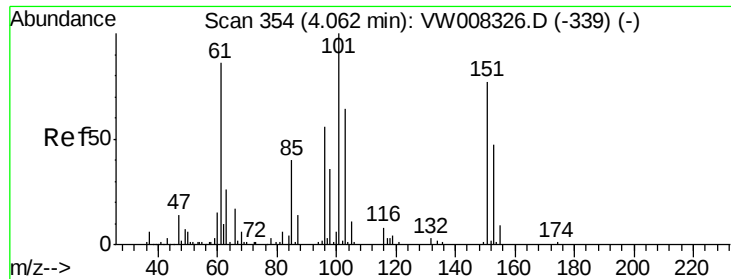


#8

Diethyl Ether
 Concen: 20.327 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion: 74 Resp: 10009
 Ion Ratio Lower Upper
 74 100
 45 90.8 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.544 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

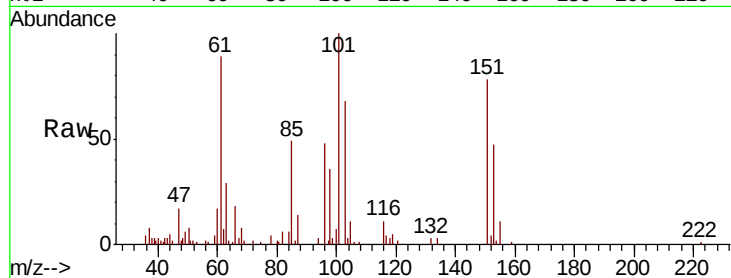
Tgt Ion:101 Resp: 16984

Ion Ratio Lower Upper

101 100

85 49.5 36.0 54.0

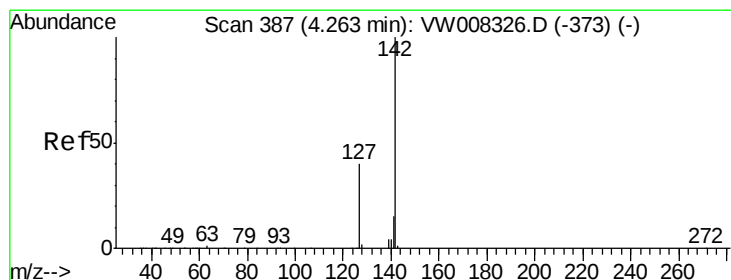
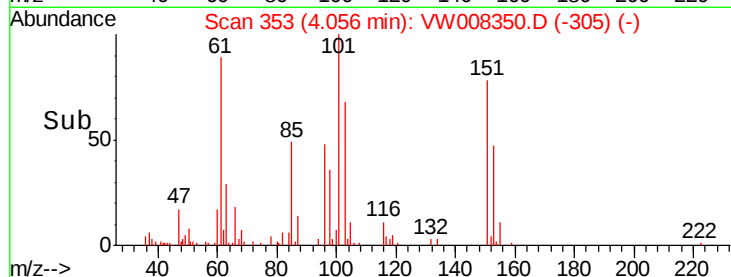
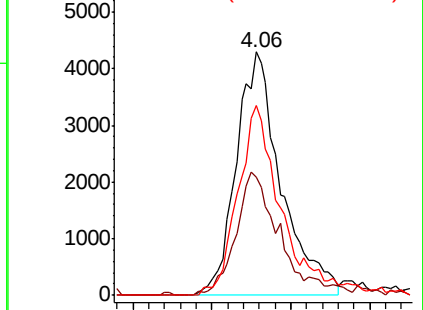
151 75.7 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.998 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

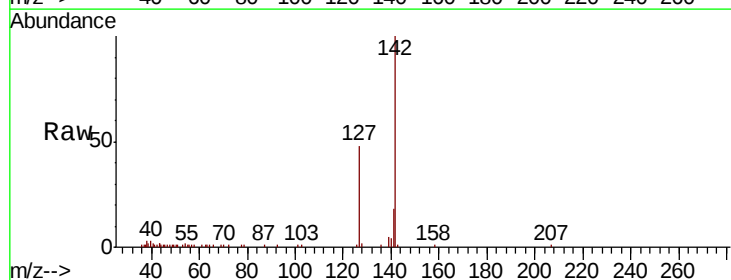
Tgt Ion:142 Resp: 23997

Ion Ratio Lower Upper

142 100

127 45.4 34.3 51.5

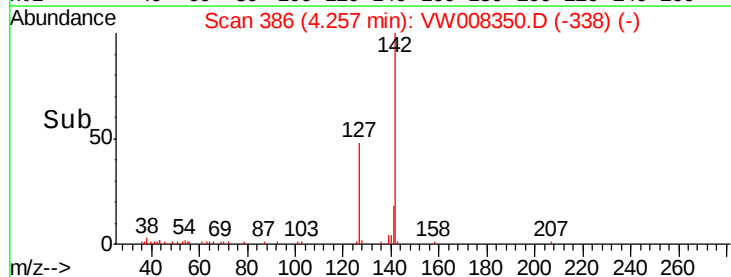
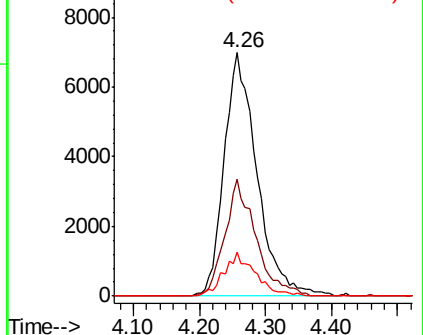
141 17.1 12.2 18.2

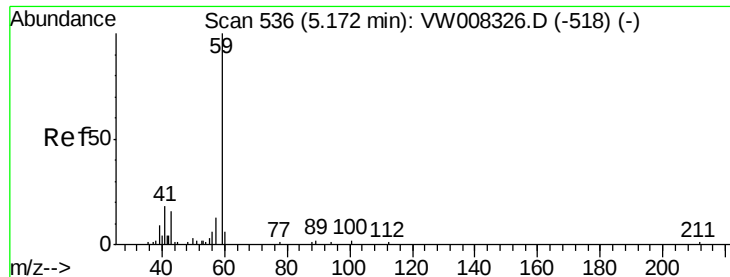


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



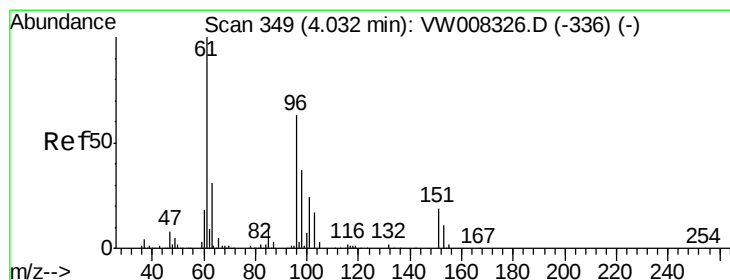
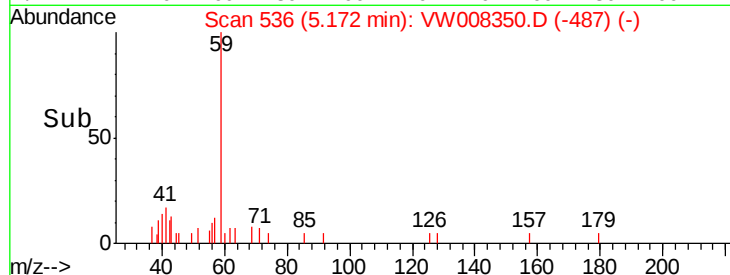
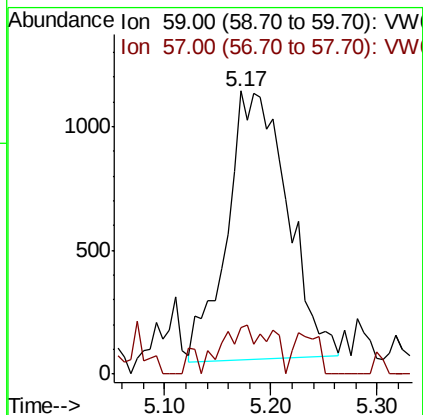
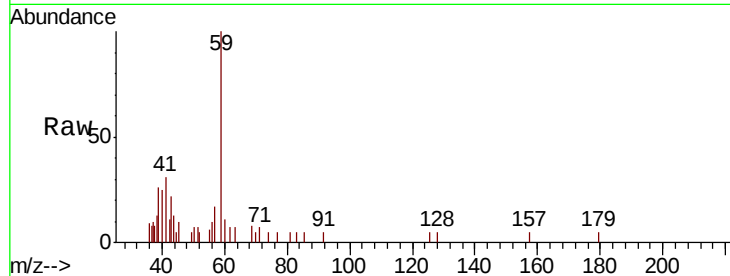


#11

Tert butyl alcohol
Concen: 74.990 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

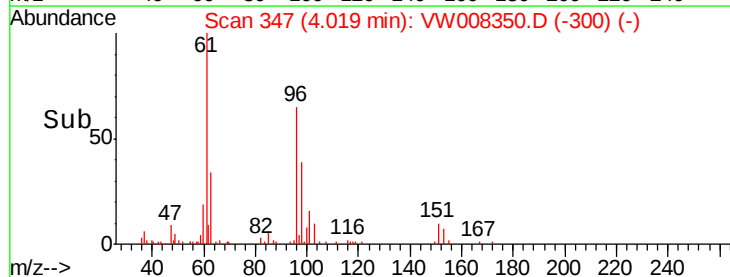
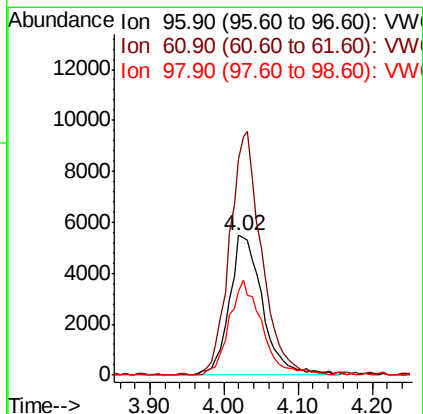
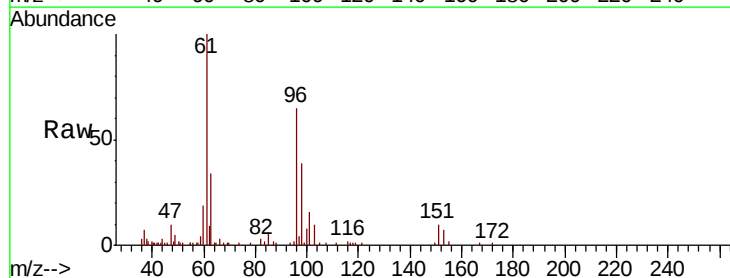
Tgt Ion: 59 Resp: 4304
Ion Ratio Lower Upper
59 100
57 9.3 9.4 14.2#

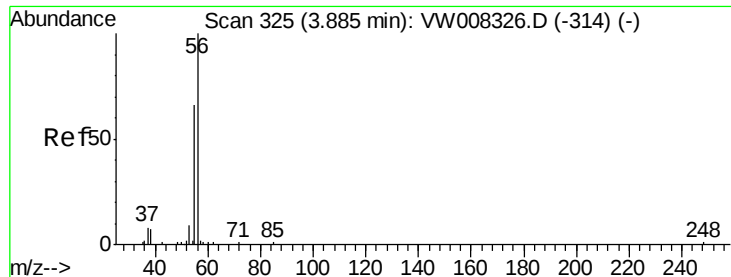


#12

1,1-Dichloroethene
Concen: 20.426 ug/l
RT: 4.02 min Scan# 347
Delta R.T. -0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 96 Resp: 17175
Ion Ratio Lower Upper
96 100
61 154.1 126.4 189.6
98 60.3 46.7 70.1





#13

Acrolein

Concen: 68.429 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

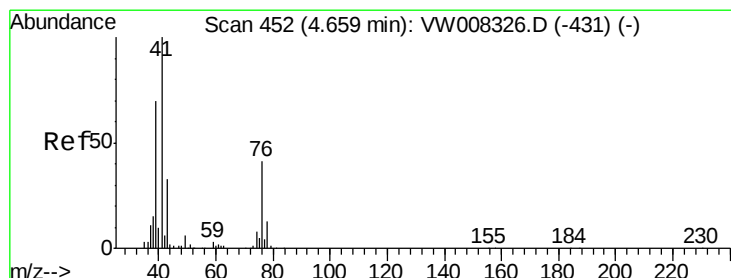
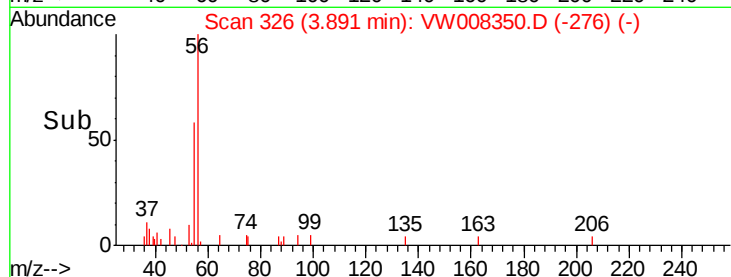
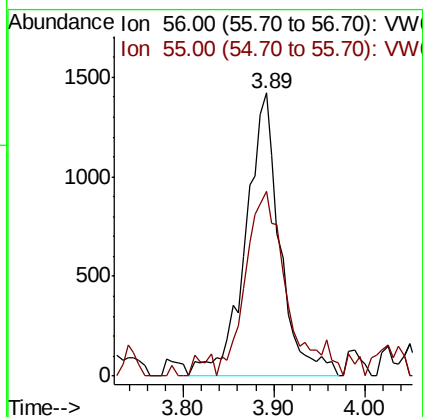
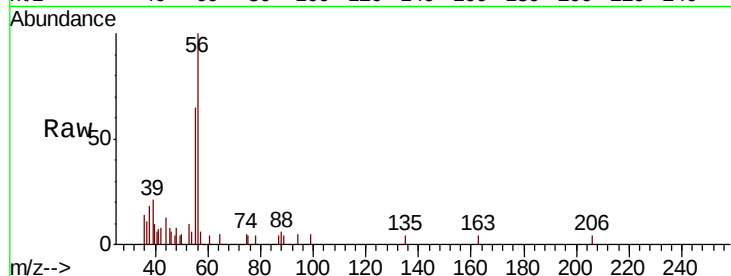
VW0118SBS01

Tgt Ion: 56 Resp: 3721

Ion Ratio Lower Upper

56 100

55 78.4 52.9 79.3



#14

Allyl chloride

Concen: 21.006 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

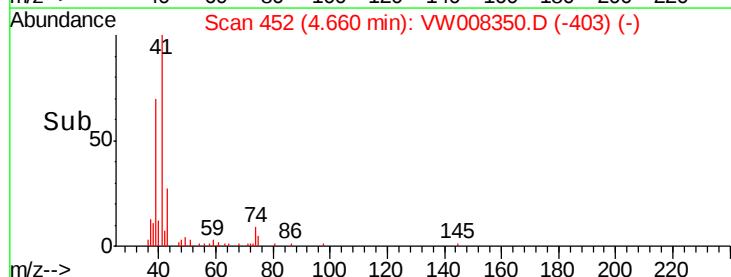
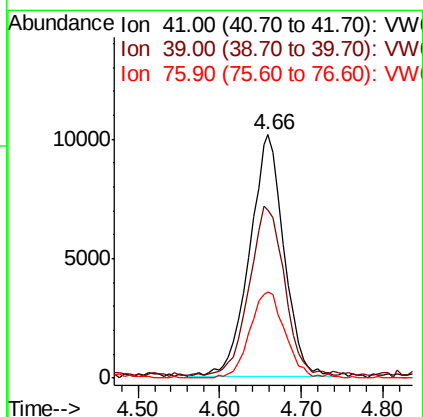
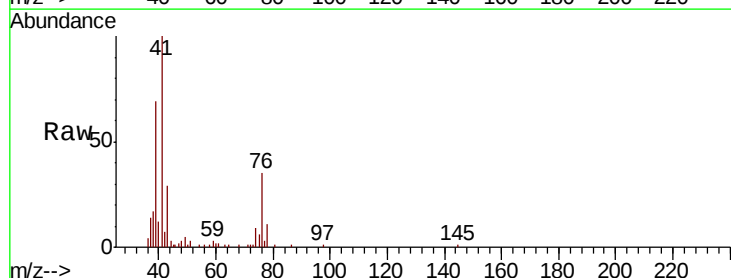
Tgt Ion: 41 Resp: 29528

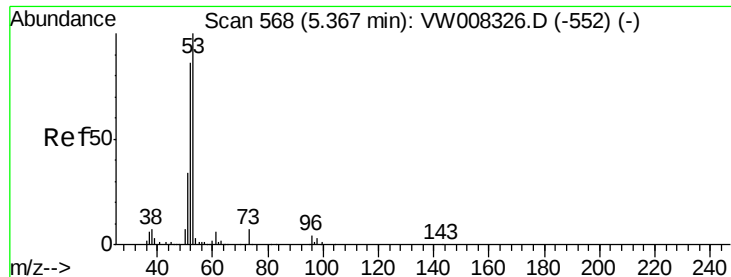
Ion Ratio Lower Upper

41 100

39 72.3 54.1 81.1

76 36.5 29.5 44.3





#15

Acrylonitrile

Concen: 99.740 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

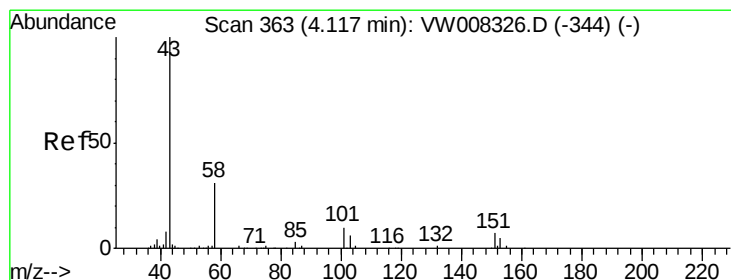
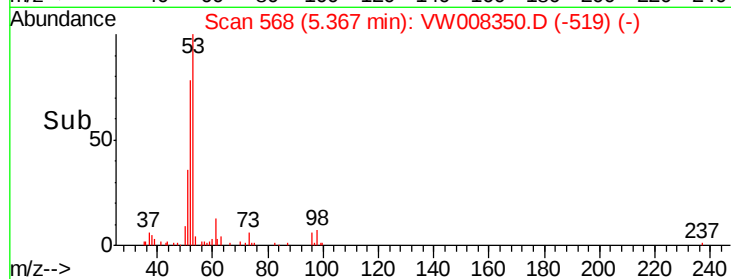
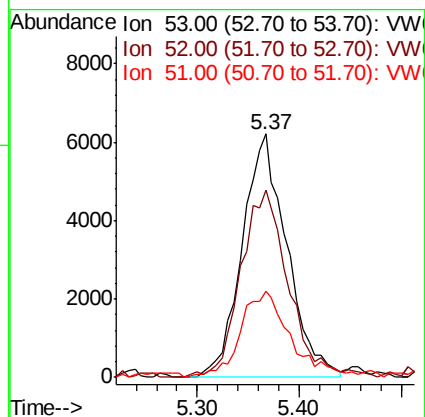
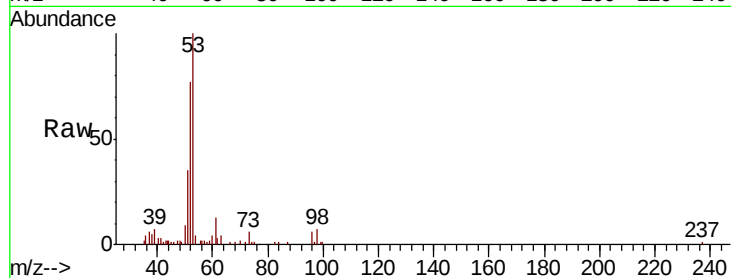
Tgt Ion: 53 Resp: 18866

Ion Ratio Lower Upper

53 100

52 81.0 66.4 99.6

51 39.5 29.6 44.4



#16

Acetone

Concen: 96.906 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008350.D

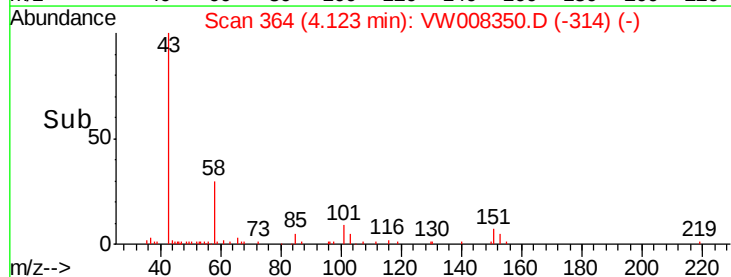
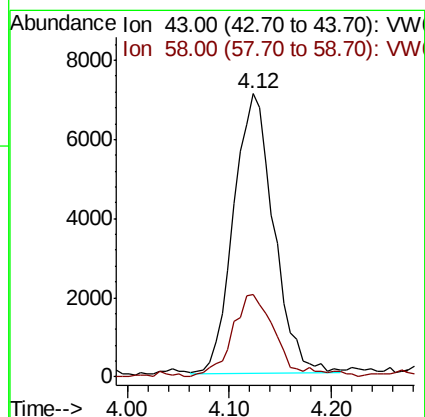
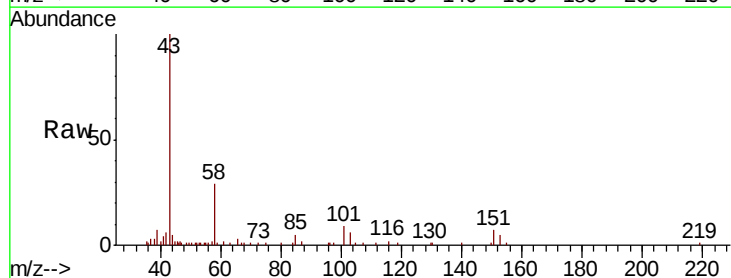
Acq: 18 Jan 2019 12:35

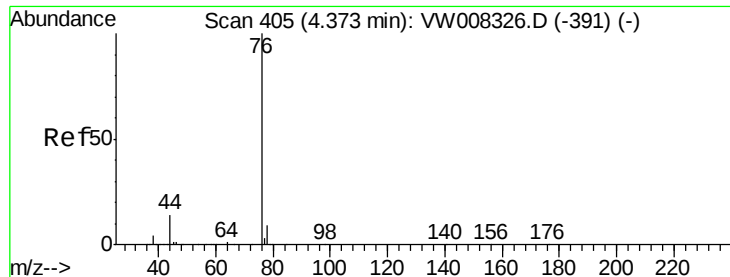
Tgt Ion: 43 Resp: 19184

Ion Ratio Lower Upper

43 100

58 29.8 24.7 37.1

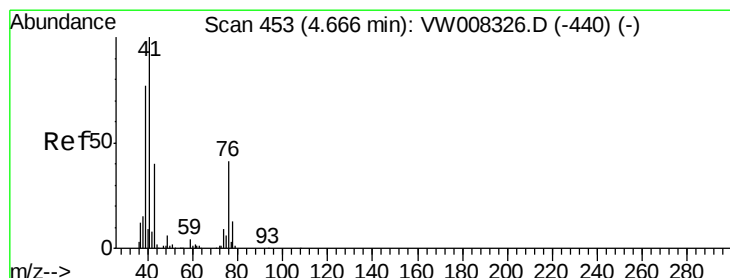
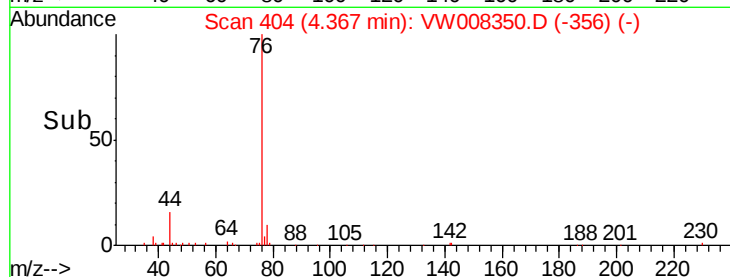
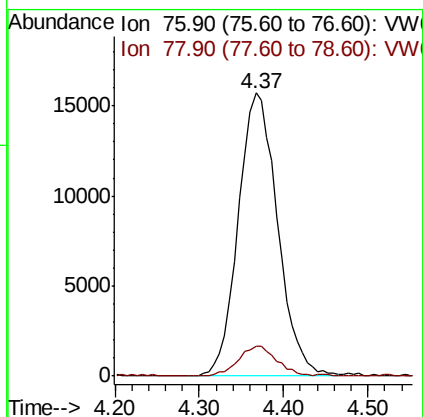
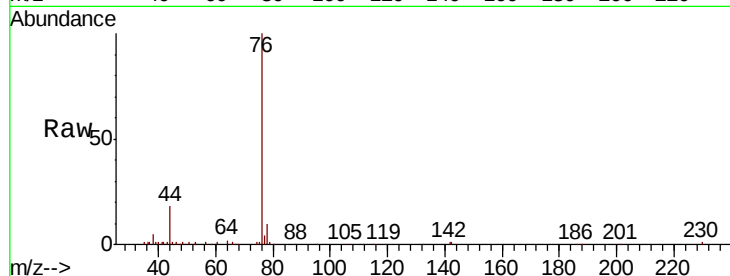




#17
Carbon Disulfide
Concen: 19.446 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

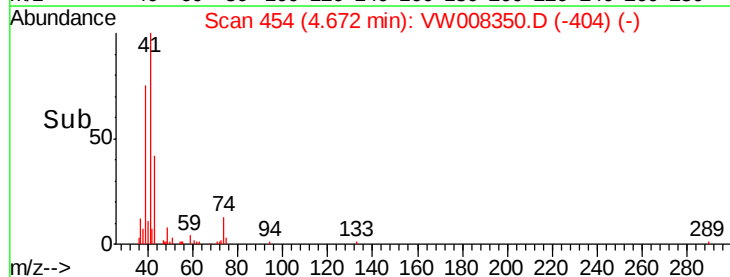
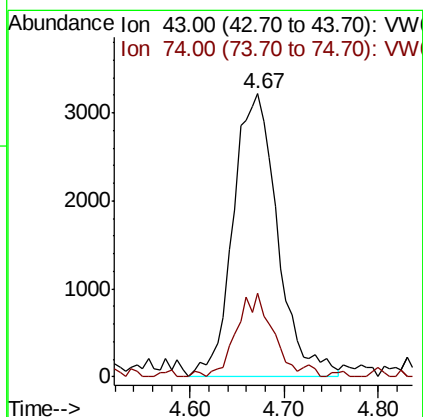
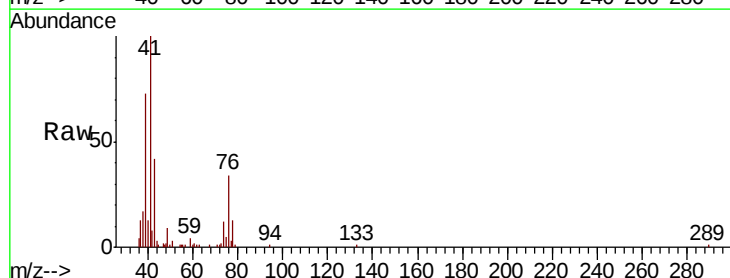
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

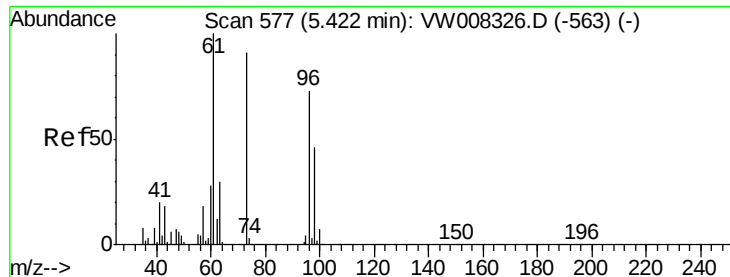
Tgt Ion: 76 Resp: 49753
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4



#18
Methyl Acetate
Concen: 19.975 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 43 Resp: 10563
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.0

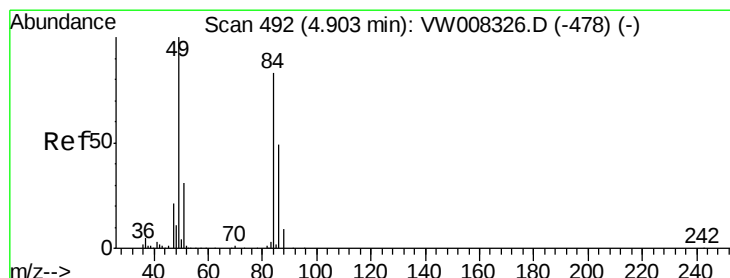
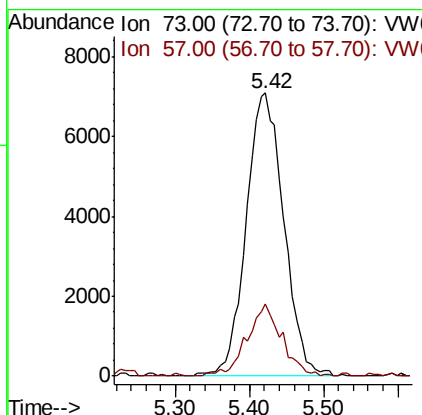
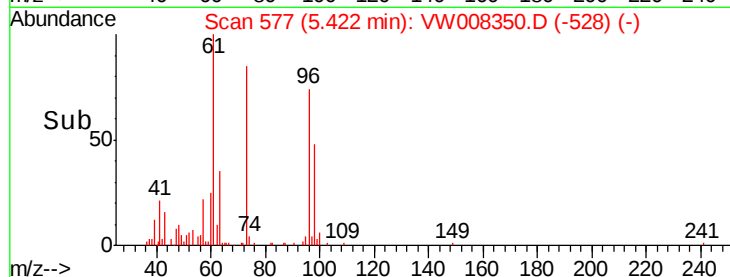
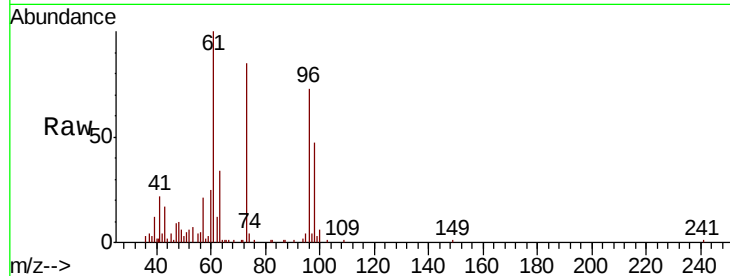




#19
Methyl tert-butyl Ether
Concen: 19.469 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

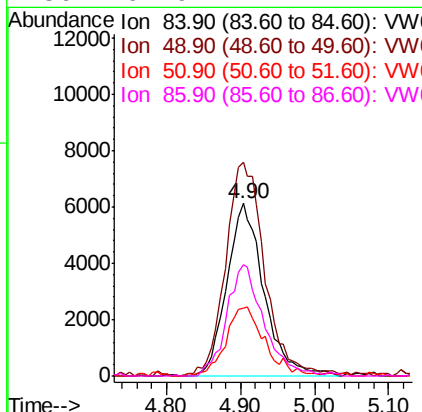
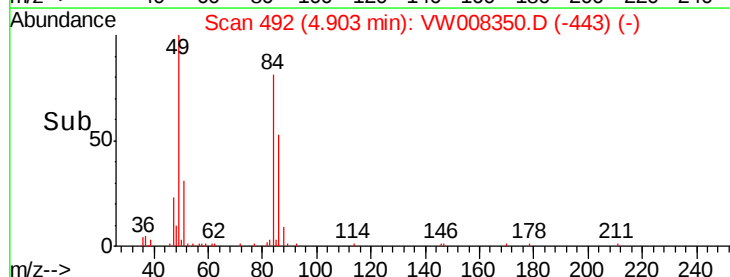
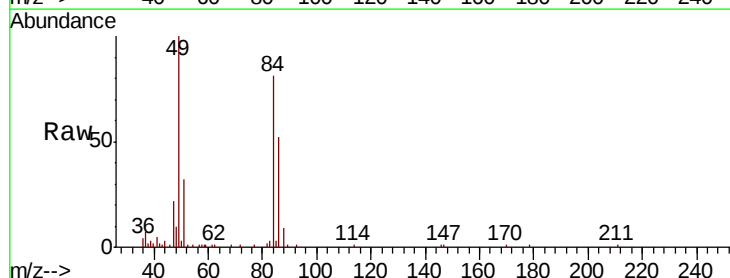
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

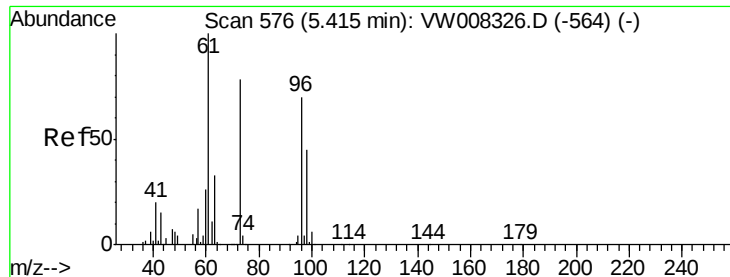
Tgt Ion: 73 Resp: 25059
Ion Ratio Lower Upper
73 100
57 25.4 16.3 24.5#



#20
Methylene Chloride
Concen: 21.104 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 84 Resp: 21269
Ion Ratio Lower Upper
84 100
49 122.0 95.9 143.9
51 38.2 29.3 43.9
86 64.9 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 21.037 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

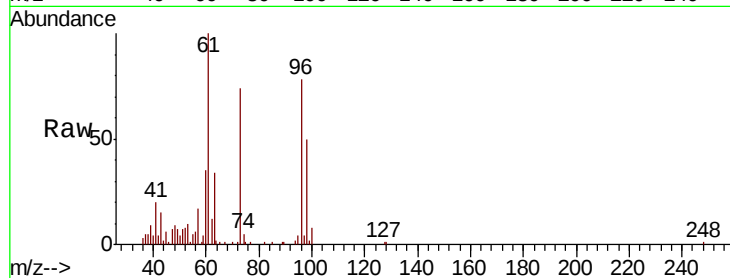
Tgt Ion: 96 Resp: 19867

Ion Ratio Lower Upper

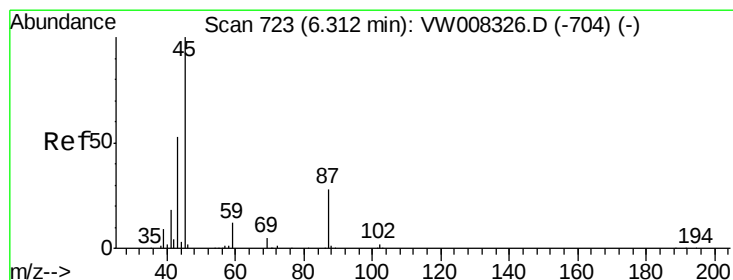
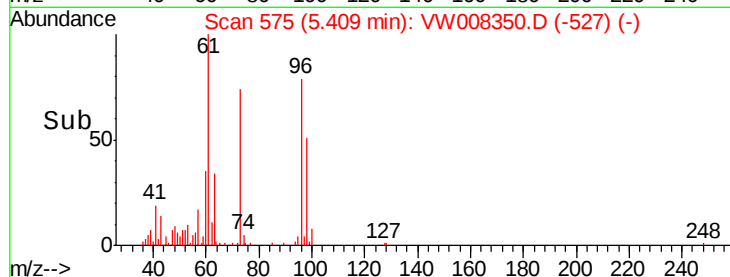
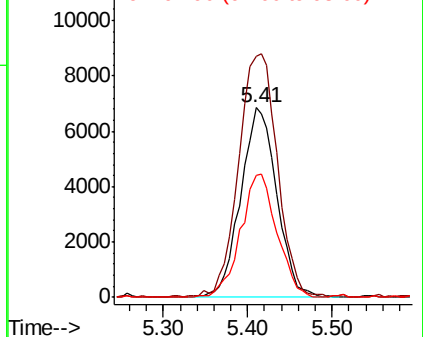
96 100

61 126.9 114.5 171.7

98 64.5 52.0 78.0



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: 21.872 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Tgt Ion: 45 Resp: 60025

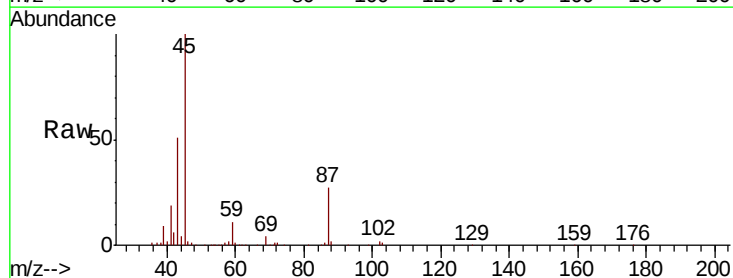
Ion Ratio Lower Upper

45 100

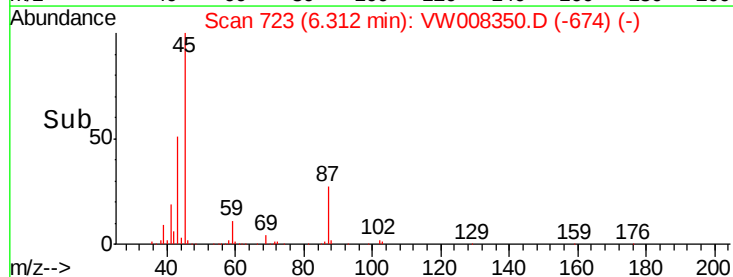
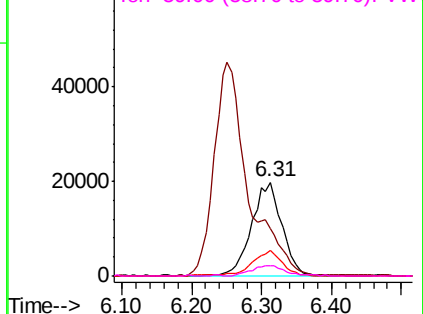
43 49.9 42.5 63.7

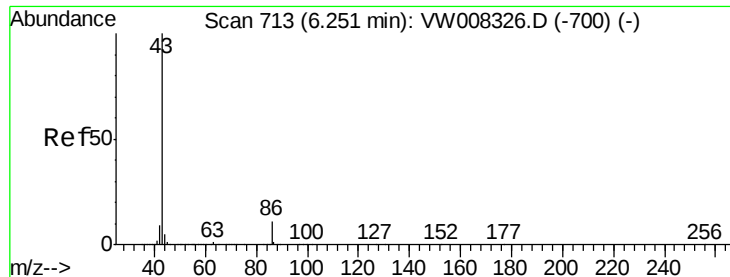
87 27.0 22.2 33.2

59 10.2 9.7 14.5



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: 104.619 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

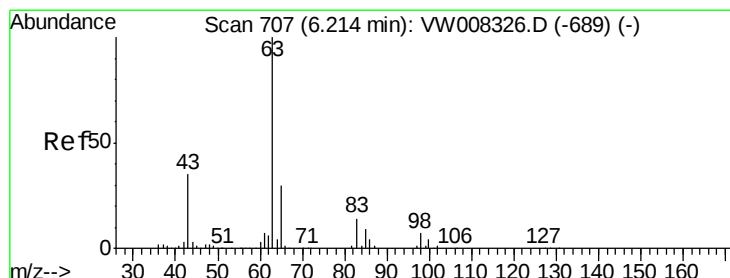
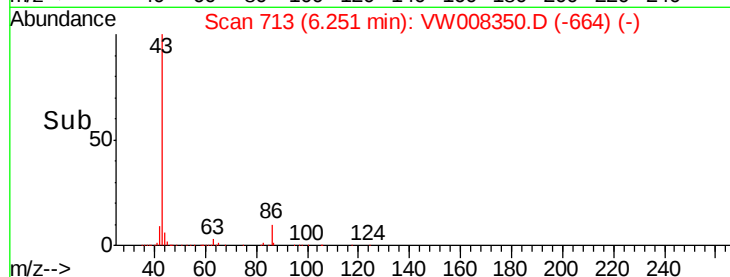
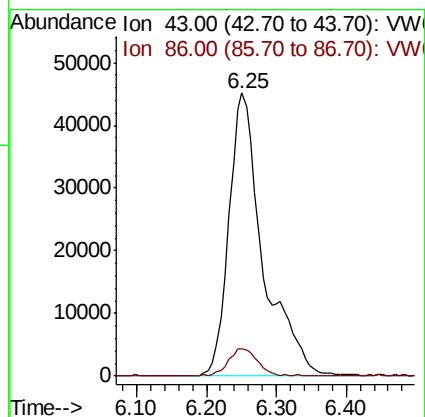
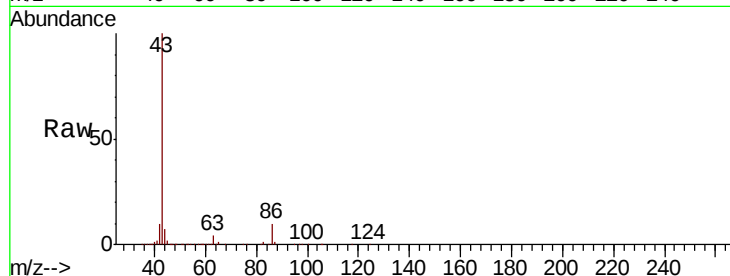
VW0118SBS01

Tgt Ion: 43 Resp: 153473

Ion Ratio Lower Upper

43 100

86 9.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.561 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

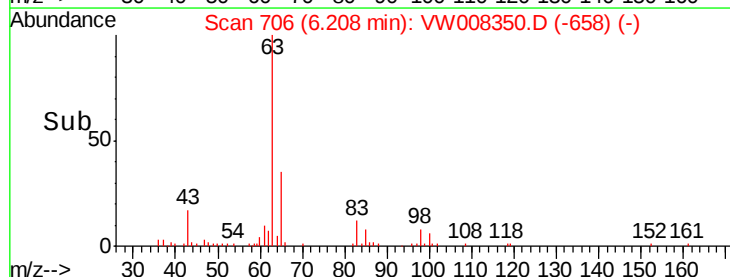
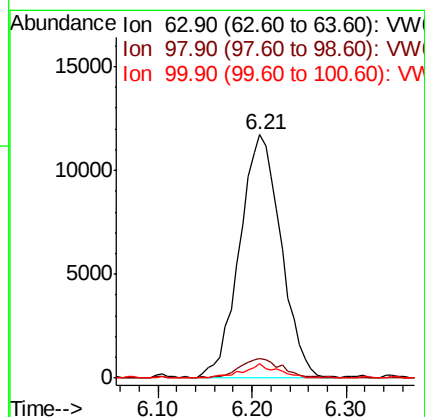
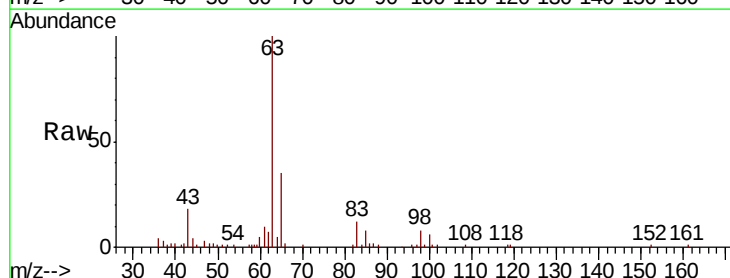
Tgt Ion: 63 Resp: 36028

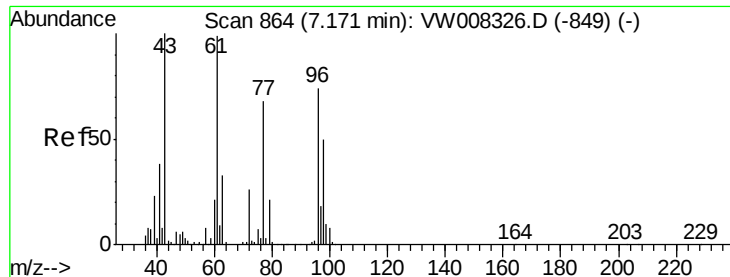
Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.6

100 6.1 2.1 6.3





#25

2-Butanone

Concen: 98.946 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

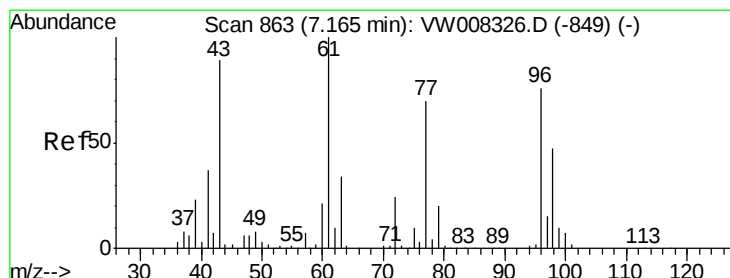
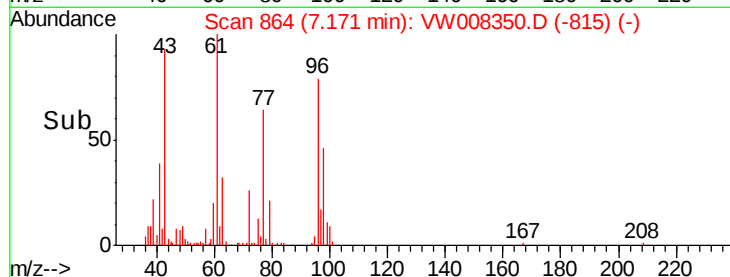
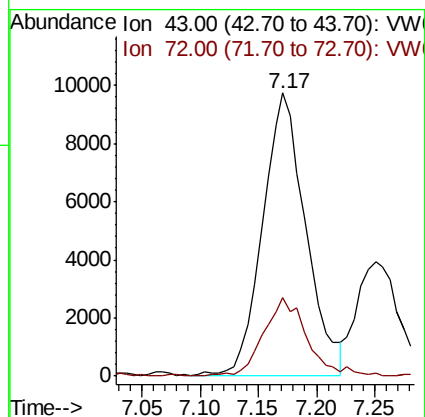
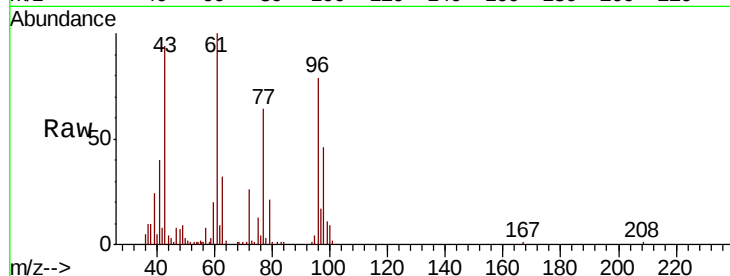
VW0118SBS01

Tgt Ion: 43 Resp: 25088

Ion Ratio Lower Upper

43 100

72 28.0 21.2 31.8



#26

2,2-Dichloropropane

Concen: 21.991 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008350.D

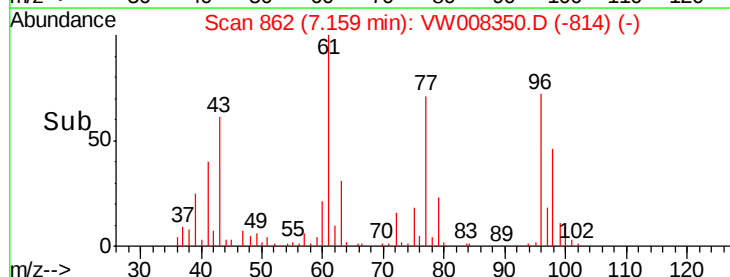
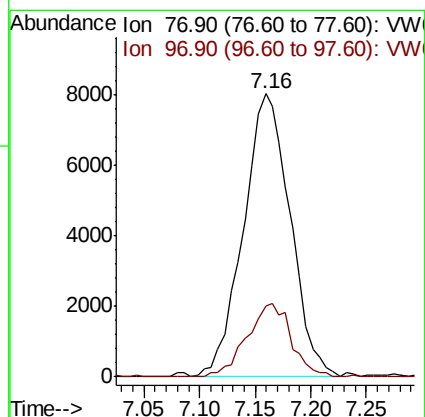
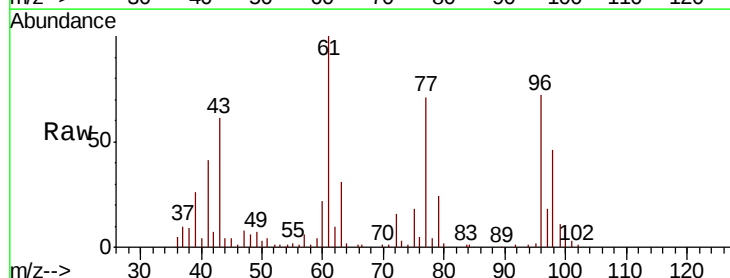
Acq: 18 Jan 2019 12:35

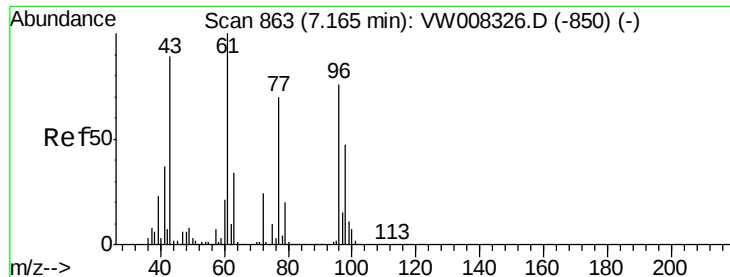
Tgt Ion: 77 Resp: 23450

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.1



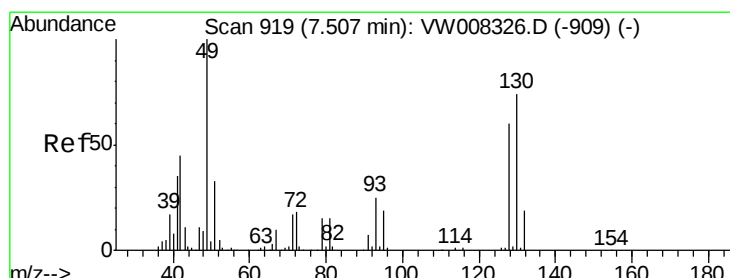
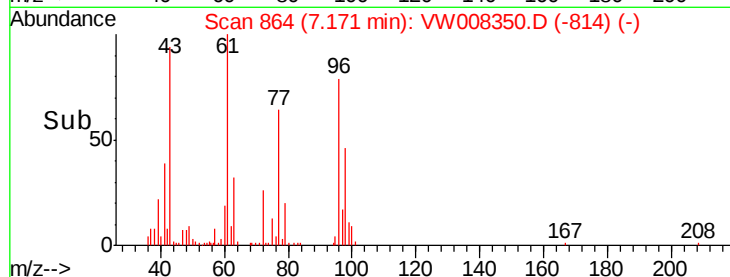
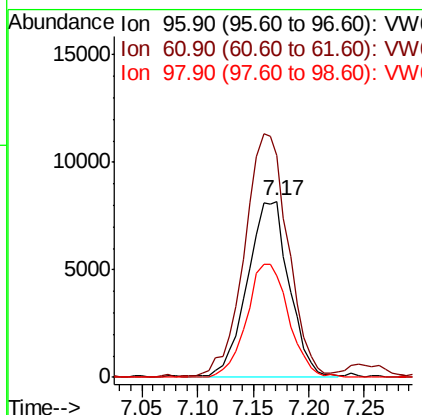
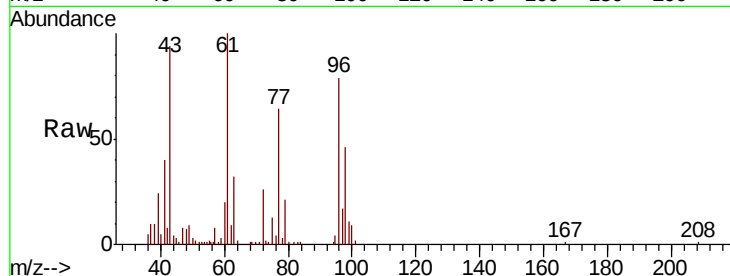


#27

cis-1,2-Dichloroethene
Concen: 21.152 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

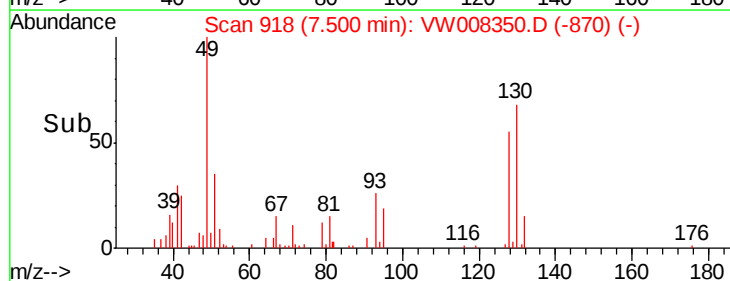
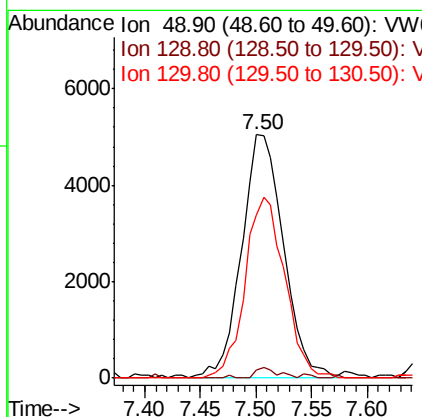
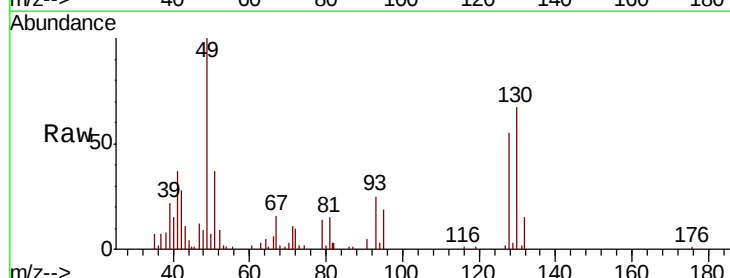
Tgt Ion: 96 Resp: 21642
Ion Ratio Lower Upper
96 100
61 143.1 0.0 272.2
98 63.9 0.0 129.4

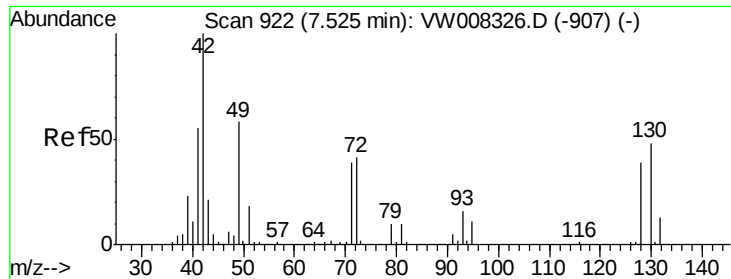


#28

Bromochloromethane
Concen: 19.274 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 49 Resp: 13269
Ion Ratio Lower Upper
49 100
129 2.2 0.0 2.6
130 70.1 0.0 0.0#

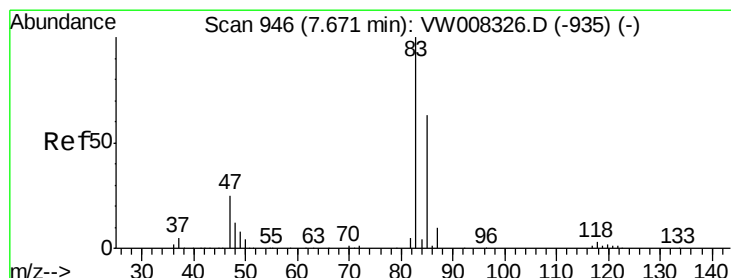
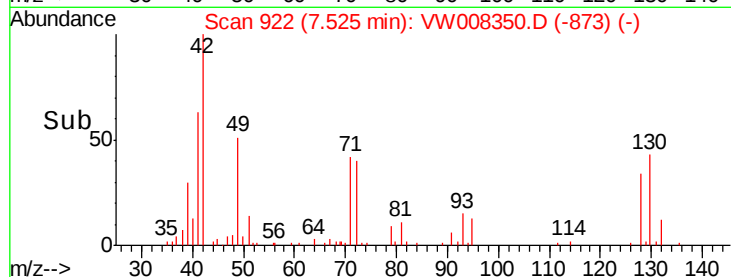
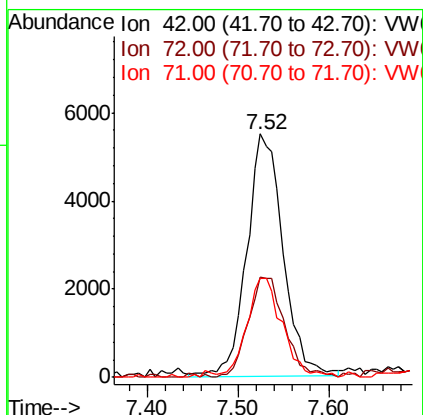
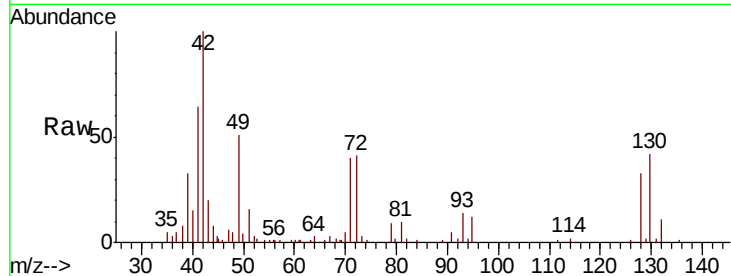




#29
Tetrahydrofuran
Concen: 96.116 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

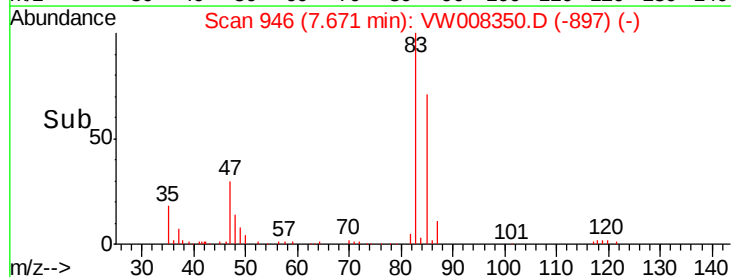
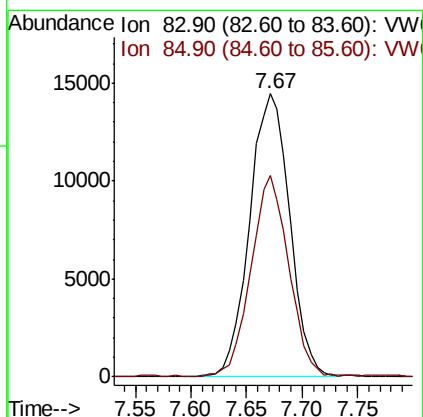
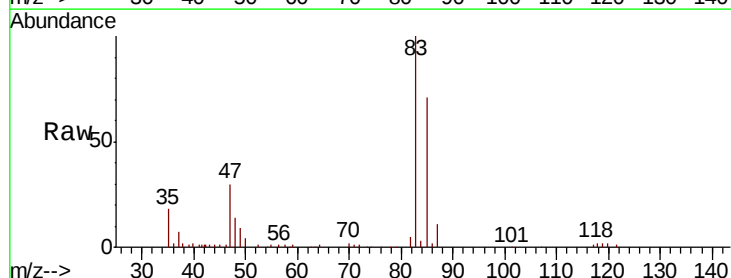
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

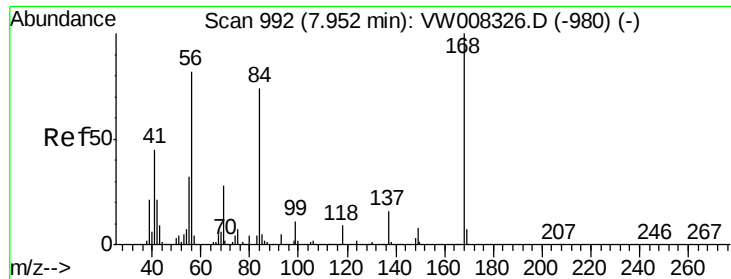
Tgt Ion: 42 Resp: 15193
Ion Ratio Lower Upper
42 100
72 41.7 34.0 51.0
71 40.1 32.0 48.0



#30
Chloroform
Concen: 21.946 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 83 Resp: 36282
Ion Ratio Lower Upper
83 100
85 71.4 50.2 75.2

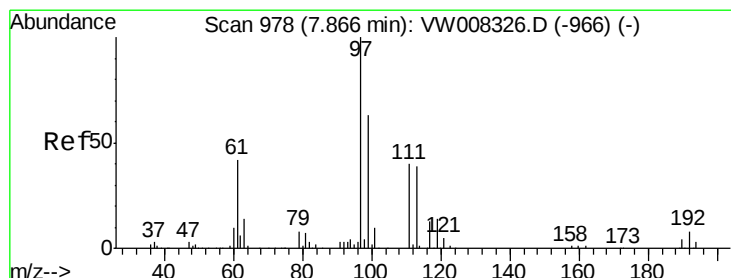
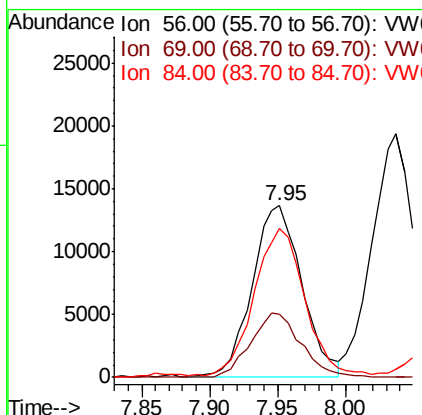
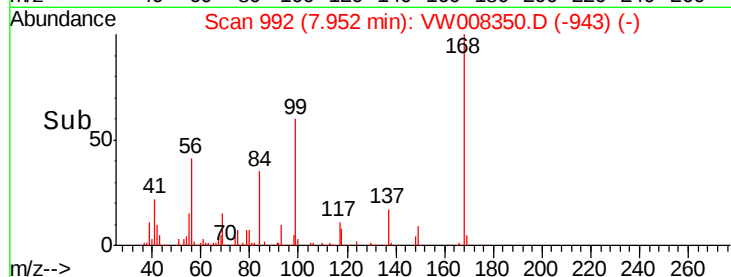
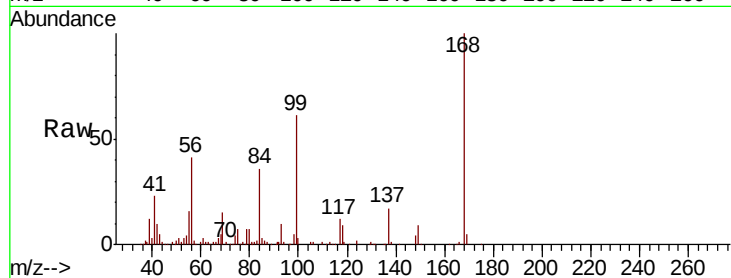




#31
Cyclohexane
Concen: 22.032 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

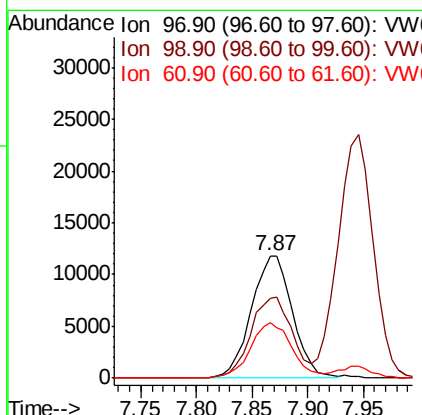
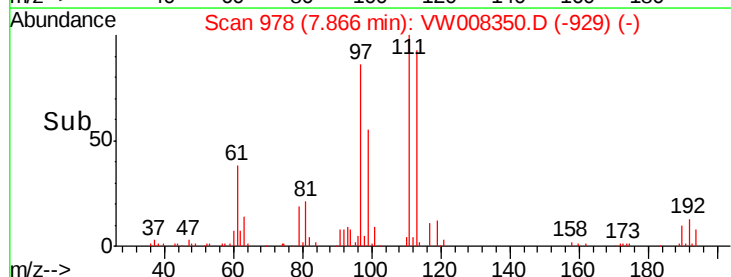
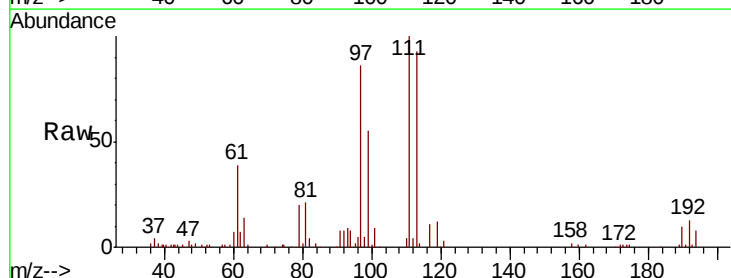
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

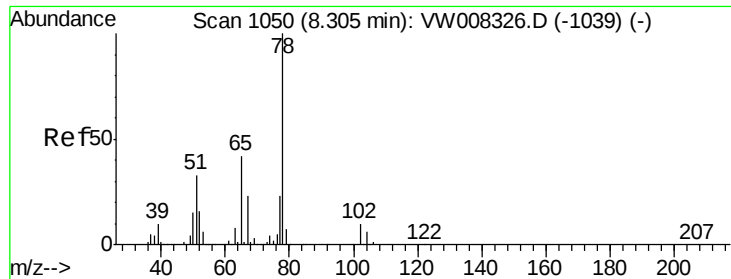
Tgt Ion: 56 Resp: 35077
Ion Ratio Lower Upper
56 100
69 36.6 27.0 40.6
84 86.0 72.5 108.7



#32
1,1,1-Trichloroethane
Concen: 21.924 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 97 Resp: 30420
Ion Ratio Lower Upper
97 100
99 66.5 51.1 76.7
61 45.5 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 55.390 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

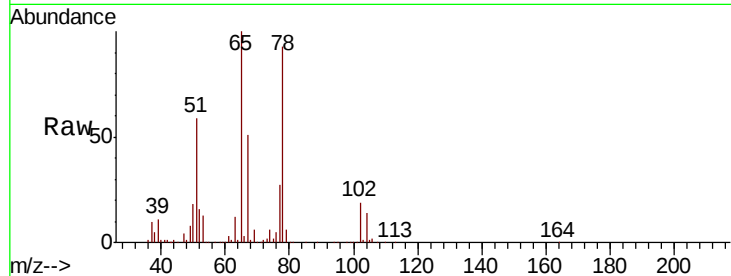
VW0118SBS01

Tgt Ion: 65 Resp: 47216

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

15000

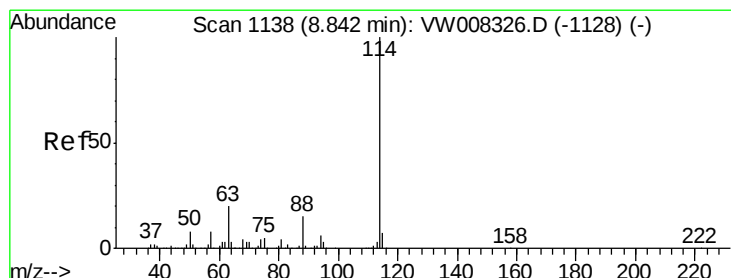
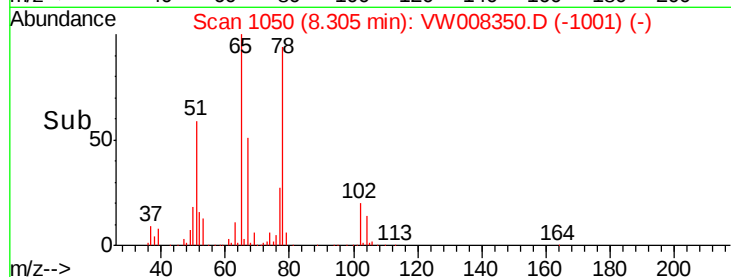
10000

5000

0

Time-->

8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

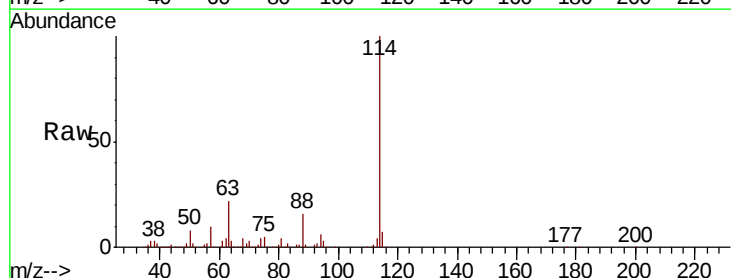
Tgt Ion: 114 Resp: 141111

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

80000

60000

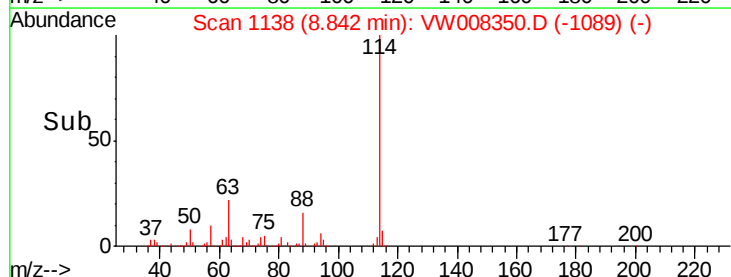
40000

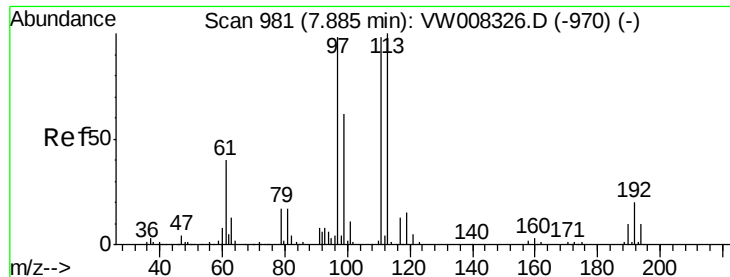
20000

0

Time-->

8.80 8.90

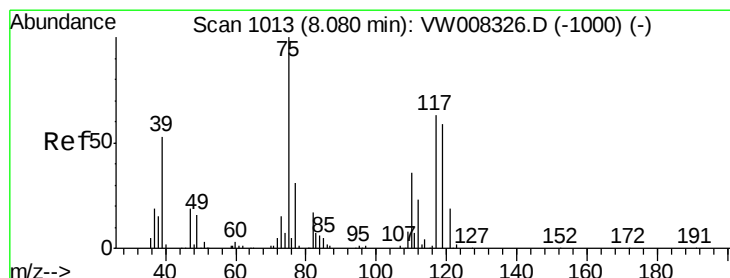
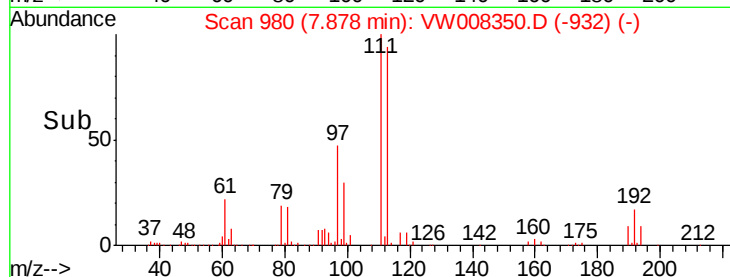
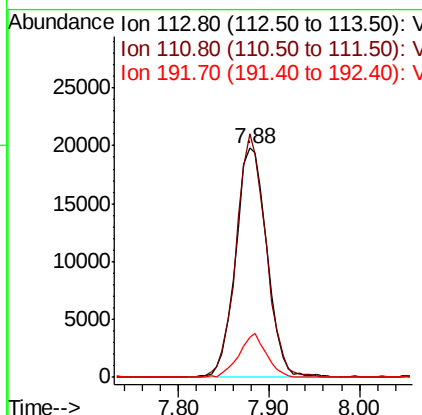
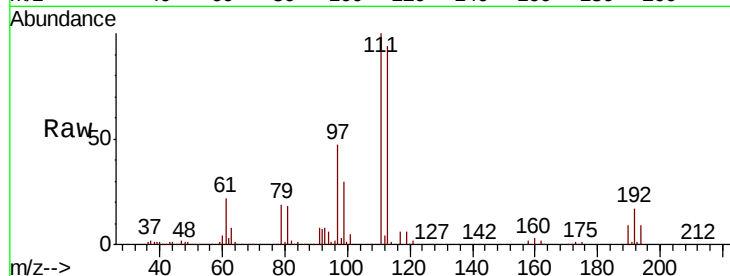




#35
 Dibromofluoromethane
 Concen: 52.830 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

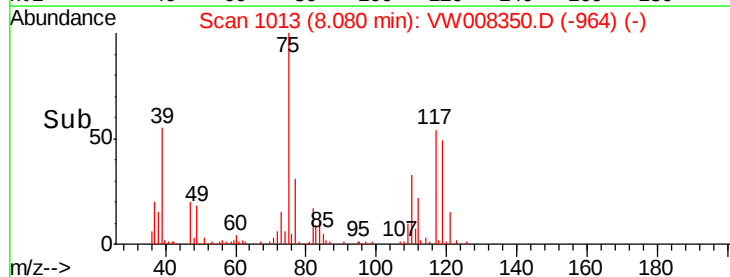
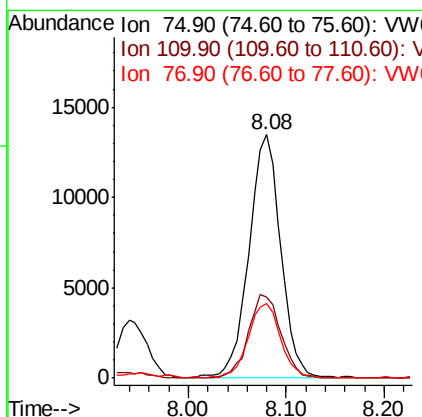
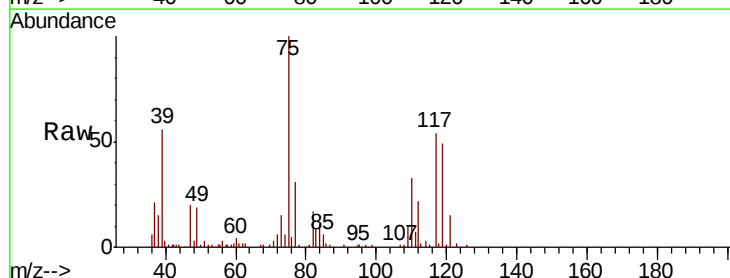
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

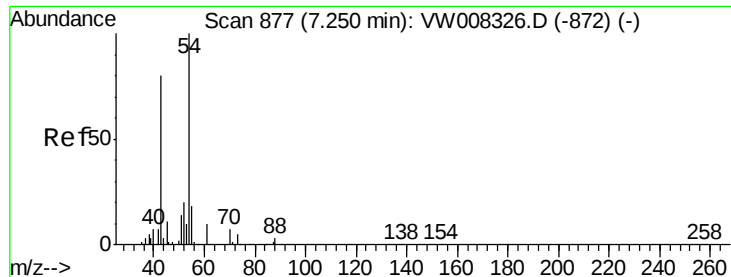
Tgt Ion:113 Resp: 47587
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.8 122.8
 192 16.9 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 21.422 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion: 75 Resp: 30413
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.5 52.6
 77 31.2 25.0 37.6

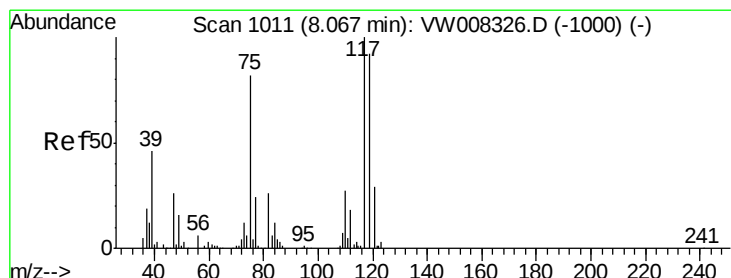
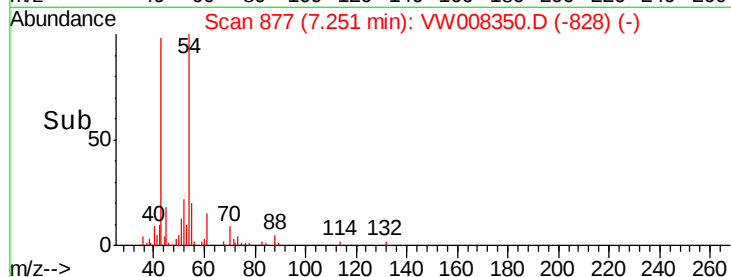
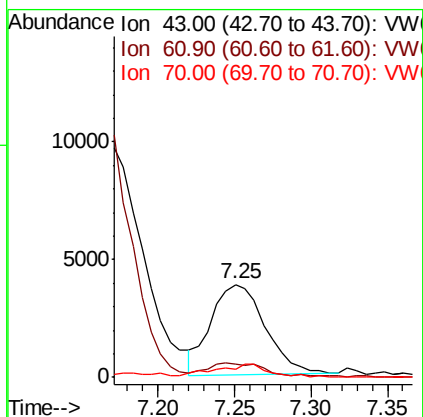
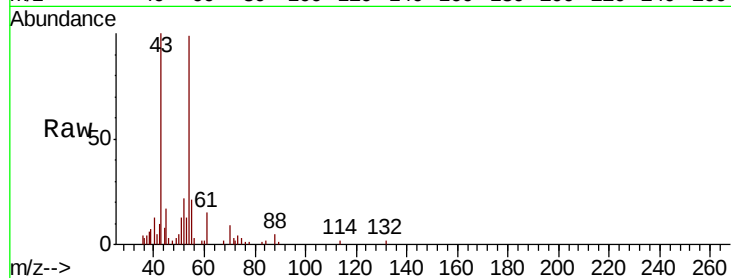




#37
Ethyl Acetate
Concen: 16.140 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

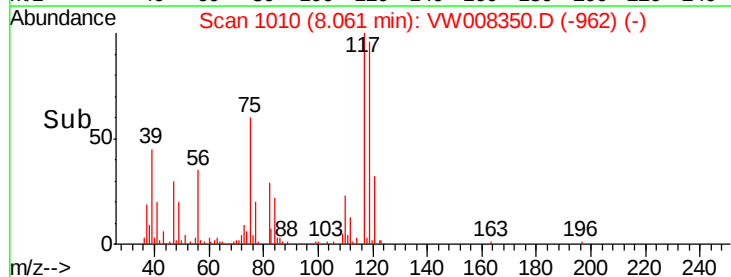
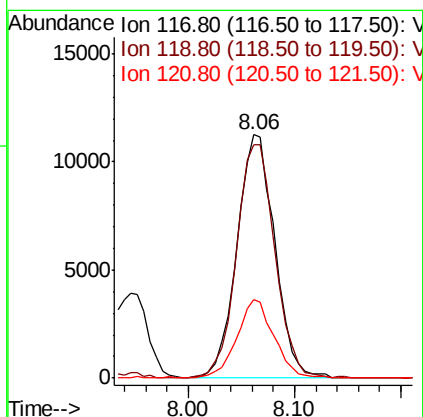
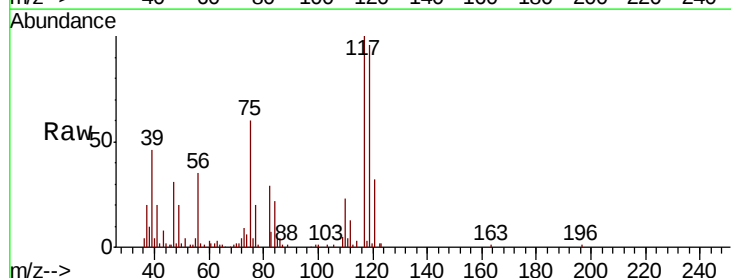
Instrument :
MSVOA_W
ClientSampled :
VW0118SBS01

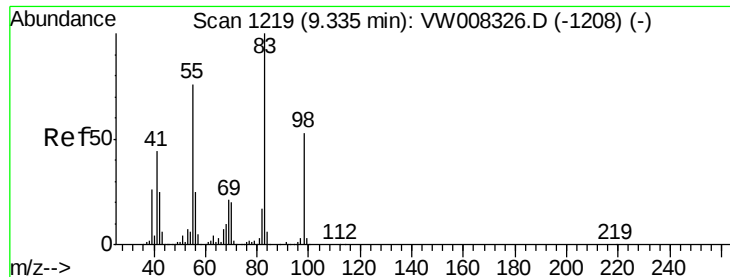
Tgt Ion: 43 Resp: 9449
Ion Ratio Lower Upper
43 100
61 18.1 11.5 17.3#
70 14.8 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 20.045 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 117 Resp: 28101
Ion Ratio Lower Upper
117 100
119 95.9 73.8 110.6
121 32.1 23.4 35.0





#39

Methylcyclohexane

Concen: 21.237 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

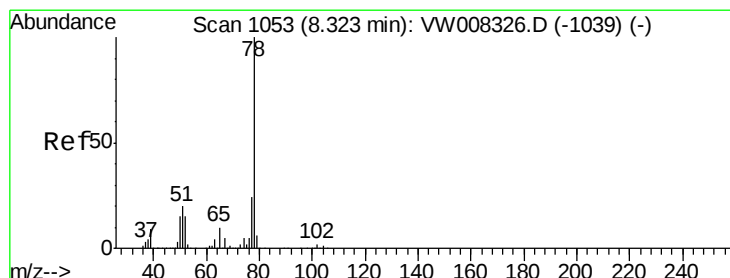
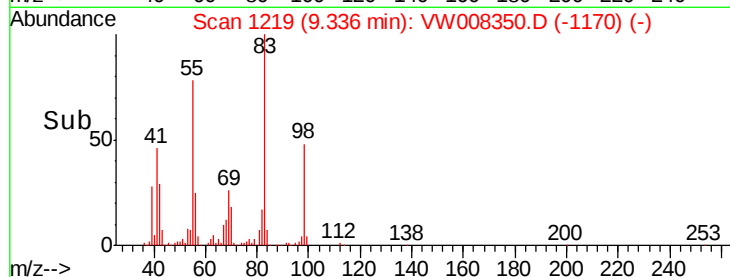
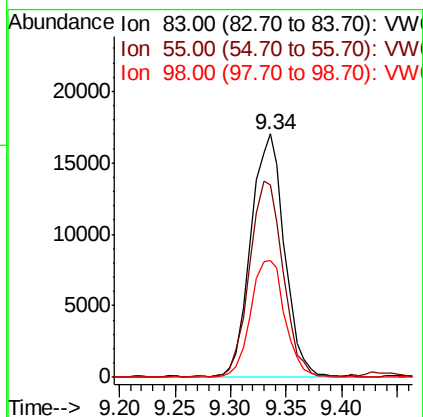
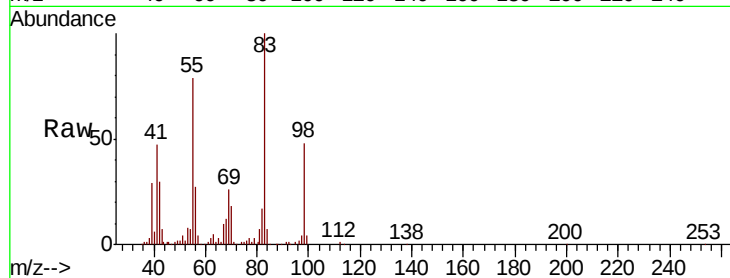
Tgt Ion: 83 Resp: 35864

Ion Ratio Lower Upper

83 100

55 78.9 61.1 91.7

98 48.2 42.5 63.7



#40

Benzene

Concen: 20.664 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008350.D

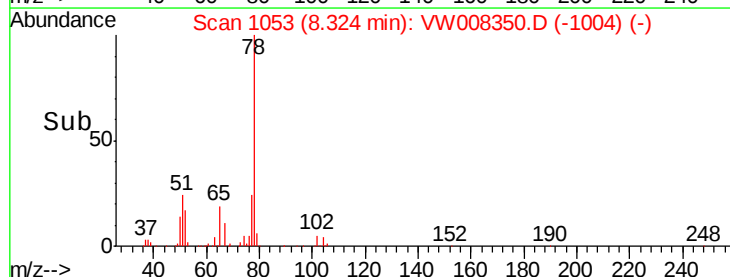
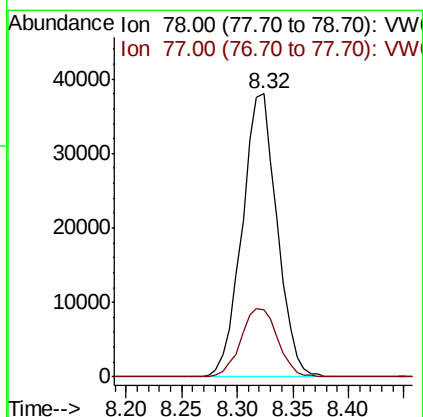
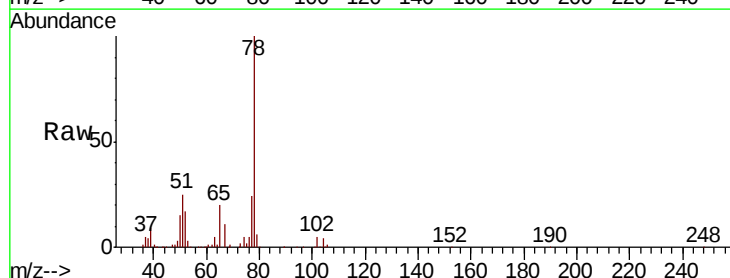
Acq: 18 Jan 2019 12:35

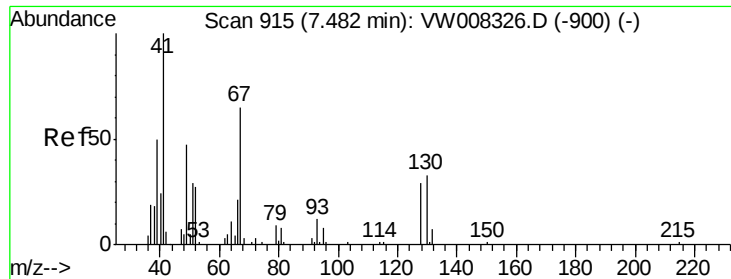
Tgt Ion: 78 Resp: 83103

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

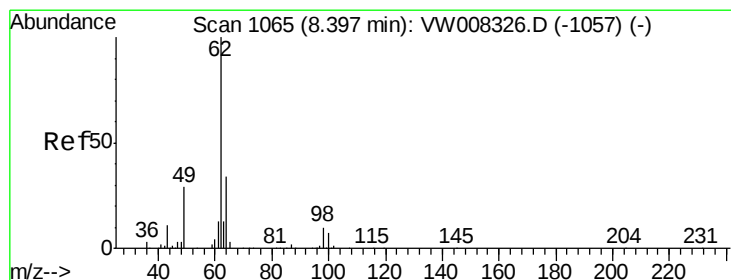
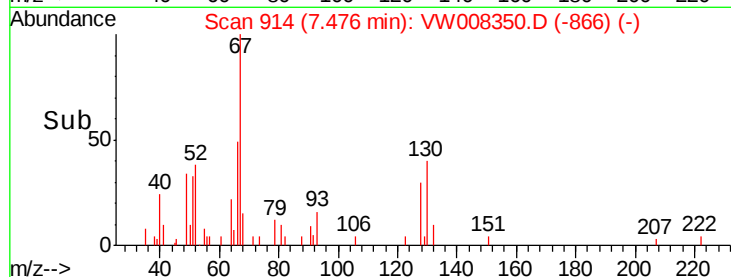
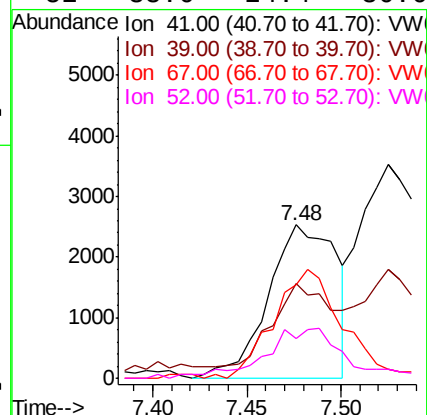
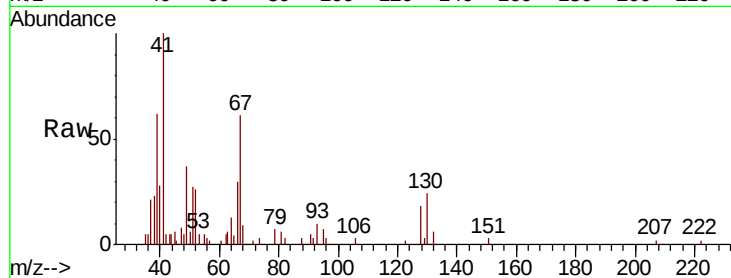




#41
Methacrylonitrile
Concen: 18.673 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

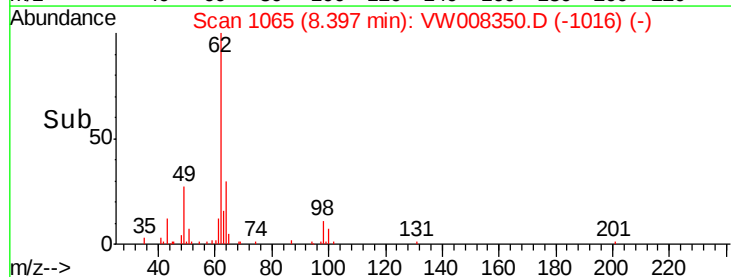
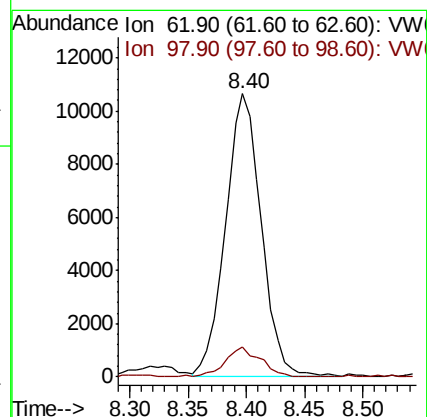
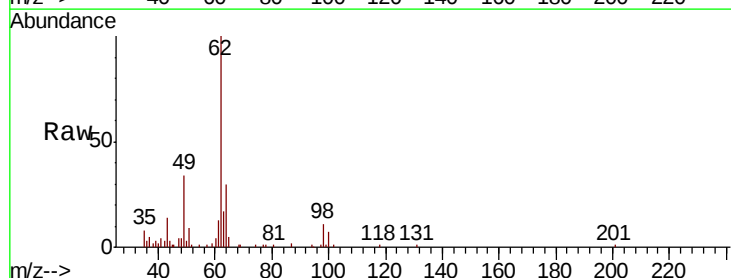
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

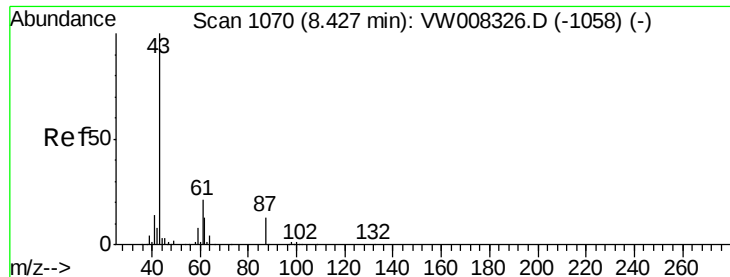
Tgt Ion:	41	Resp:	6364
Ion	Ratio	Lower	Upper
41	100		
39	47.0	44.9	67.3
67	72.8	56.9	85.3
52	38.6	24.4	36.6#



#42
1,2-Dichloroethane
Concen: 20.232 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion:	62	Resp:	22751
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 18.156 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

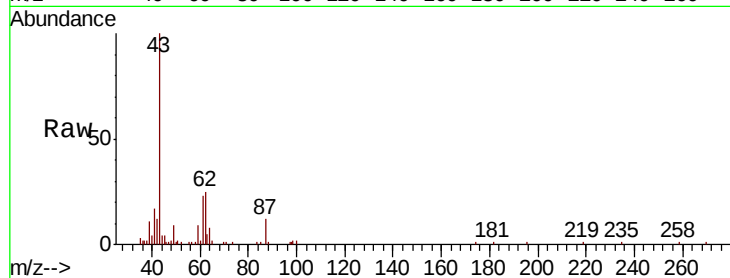
Tgt Ion: 43 Resp: 20078

Ion Ratio Lower Upper

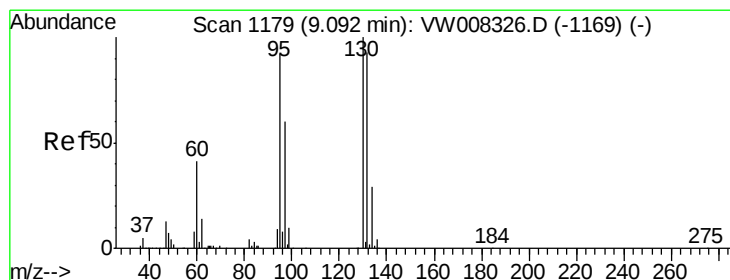
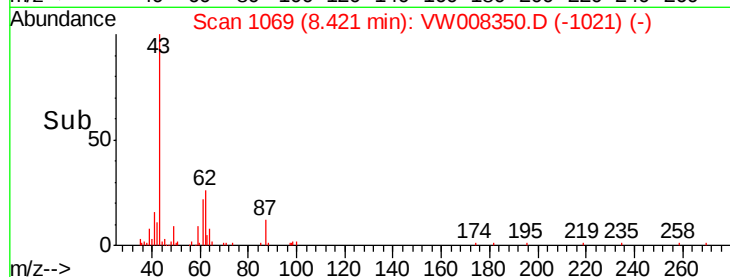
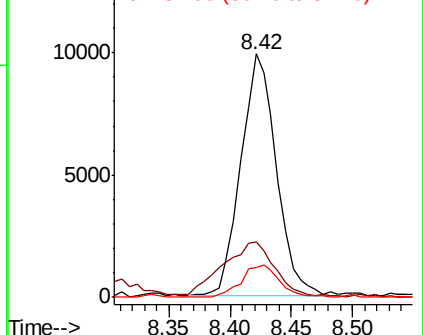
43 100

61 34.1 24.8 37.2

87 14.3 10.7 16.1



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: 19.069 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008350.D

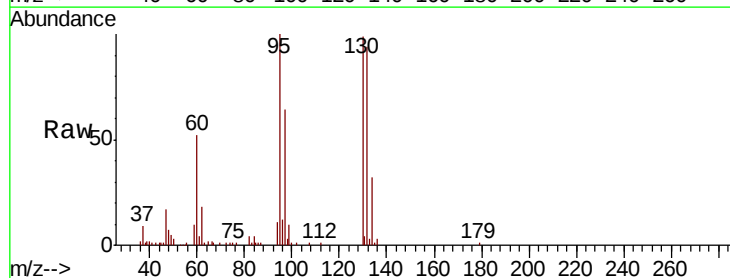
Acq: 18 Jan 2019 12:35

Tgt Ion: 130 Resp: 21010

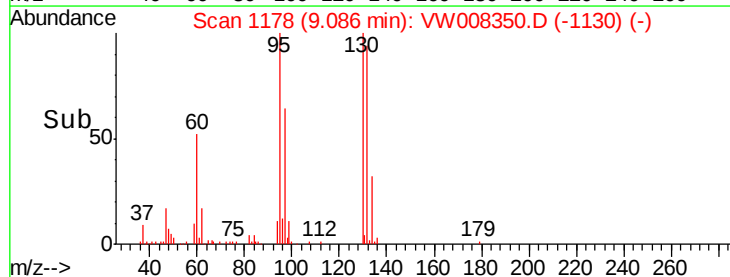
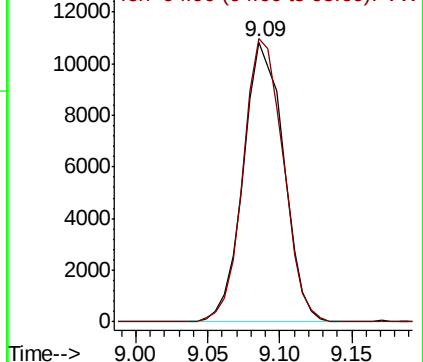
Ion Ratio Lower Upper

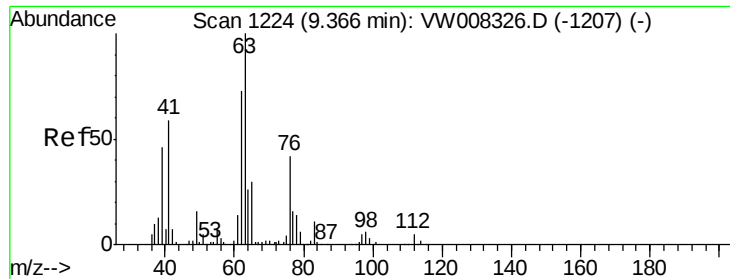
130 100

95 101.0 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 21.091 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

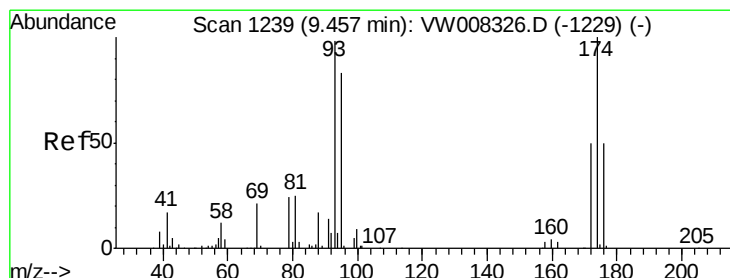
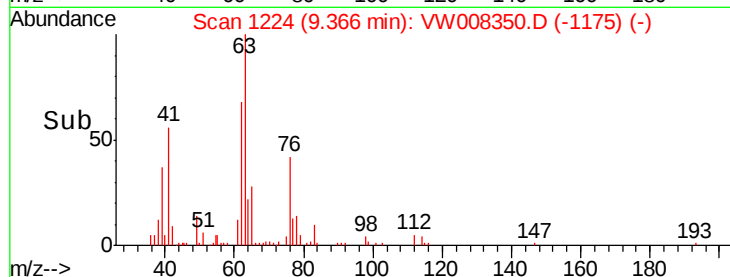
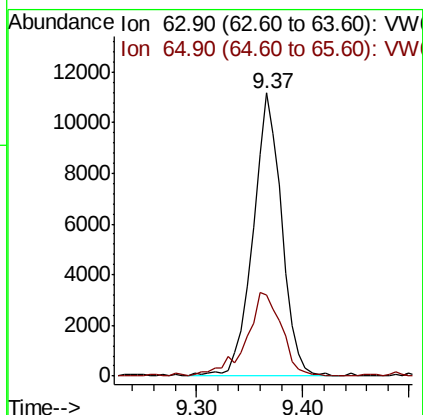
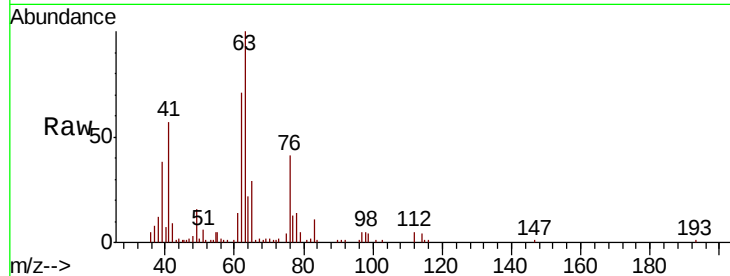
VW0118SBS01

Tgt Ion: 63 Resp: 21069

Ion Ratio Lower Upper

63 100

65 28.8 23.9 35.9



#46

Dibromomethane

Concen: 18.495 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

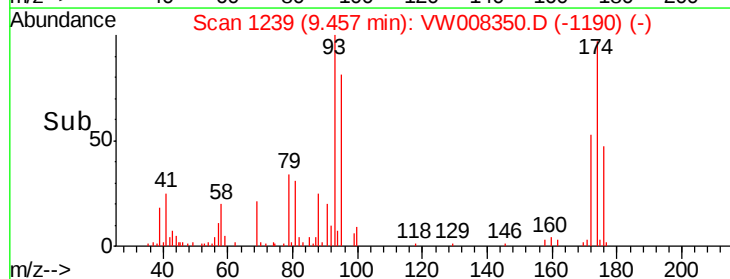
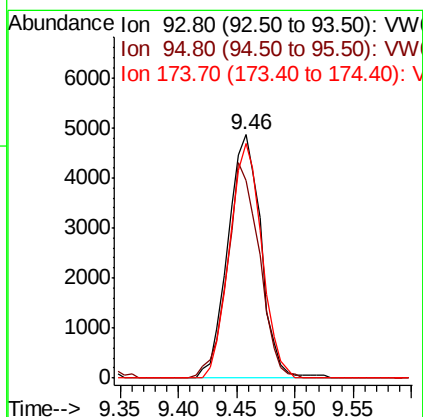
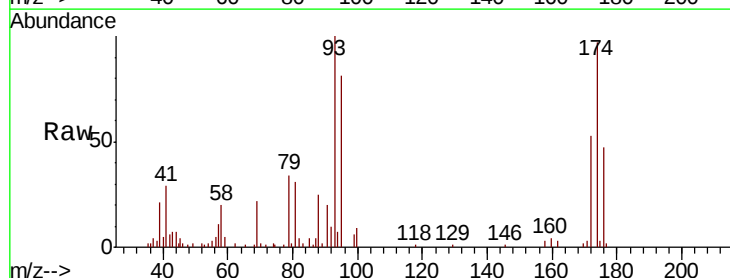
Tgt Ion: 93 Resp: 9629

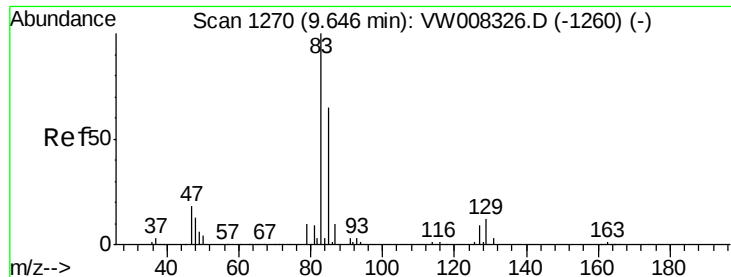
Ion Ratio Lower Upper

93 100

95 85.4 67.8 101.8

174 94.0 84.4 126.6





#47

Bromodichloromethane

Concen: 20.502 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

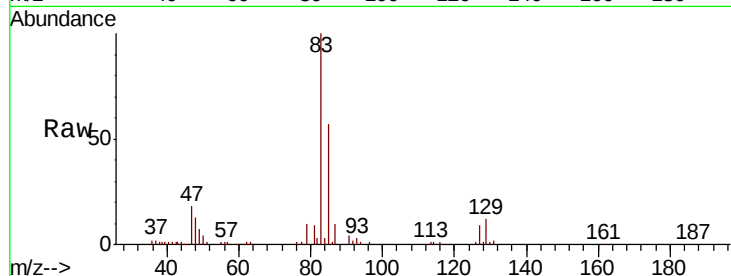
Tgt Ion: 83 Resp: 26330

Ion Ratio Lower Upper

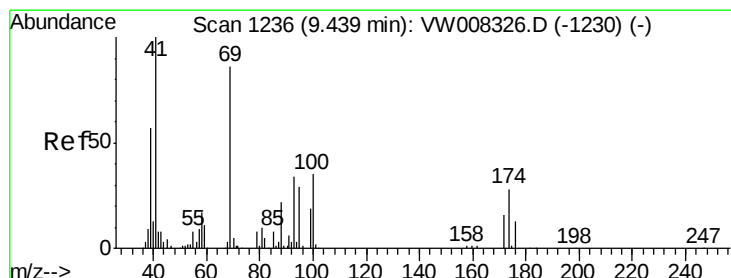
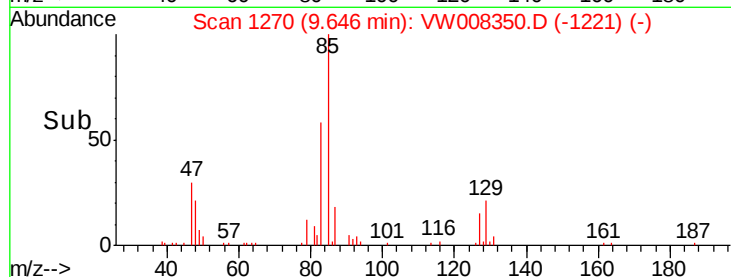
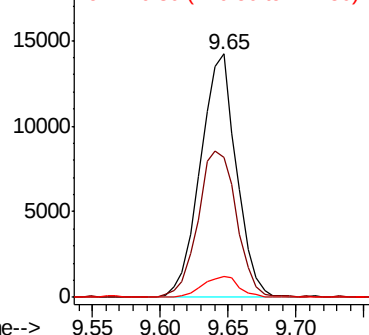
83 100

85 57.3 51.6 77.4

127 8.7 6.8 10.2



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



#48

Methyl methacrylate

Concen: 18.012 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

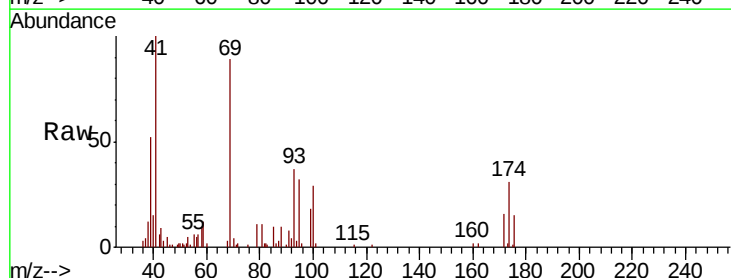
Tgt Ion: 41 Resp: 9377

Ion Ratio Lower Upper

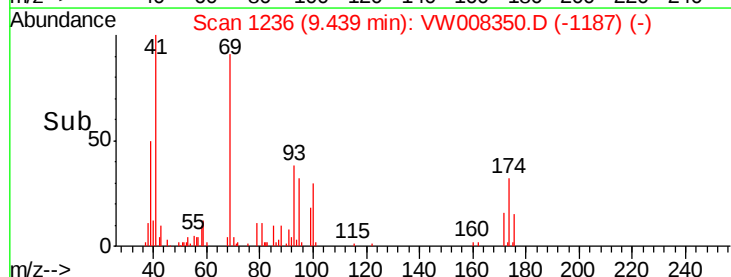
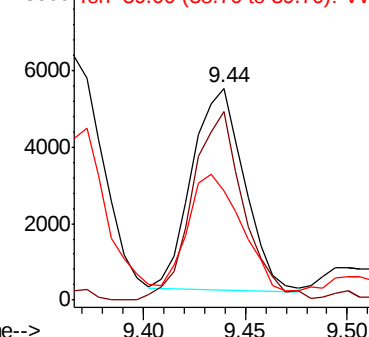
41 100

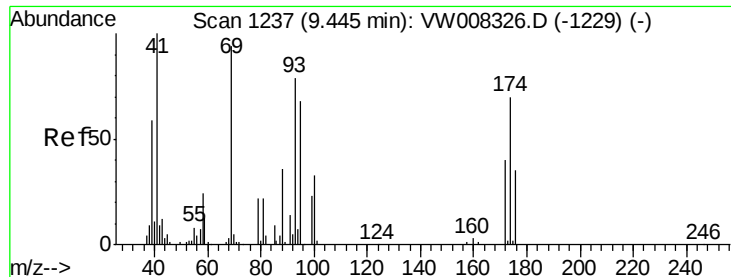
69 92.7 68.2 102.4

39 58.5 46.0 69.0



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





#49

1,4-Dioxane

Concen: 340.400 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampled :

VW0118SBS01

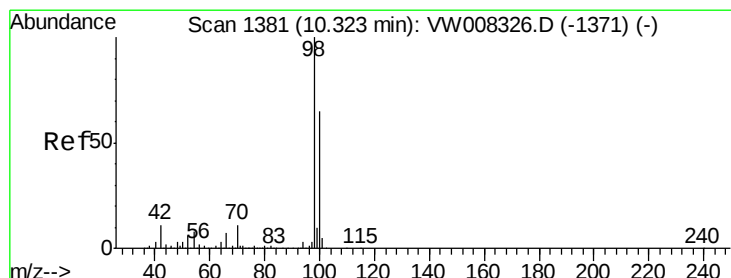
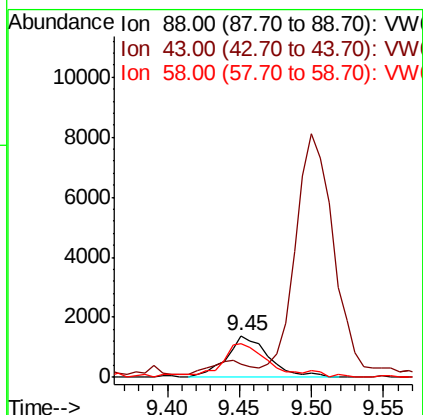
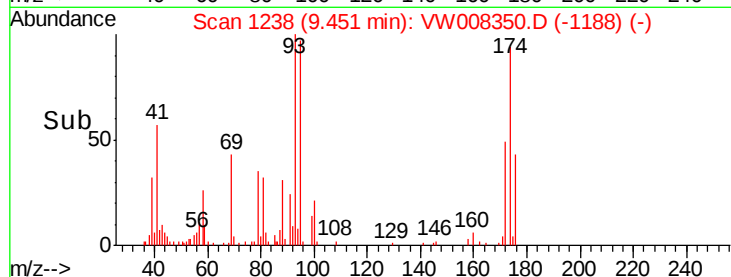
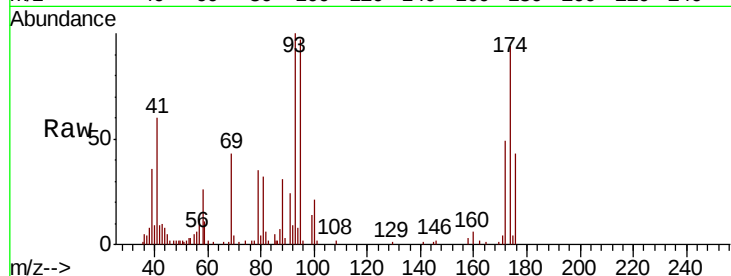
Tgt Ion: 88 Resp: 2853

Ion Ratio Lower Upper

88 100

43 39.6 27.1 40.7

58 94.7 57.9 86.9#



#50

Toluene-d8

Concen: 57.579 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008350.D

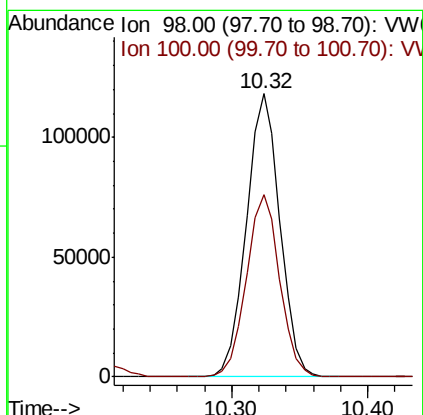
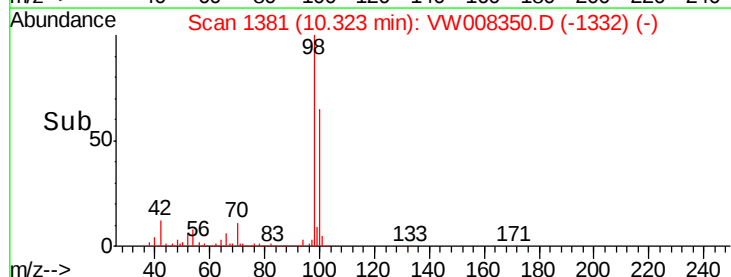
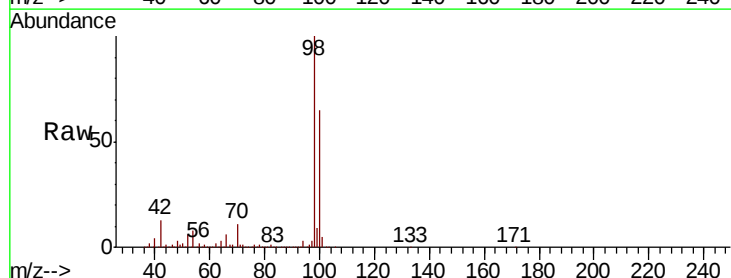
Acq: 18 Jan 2019 12:35

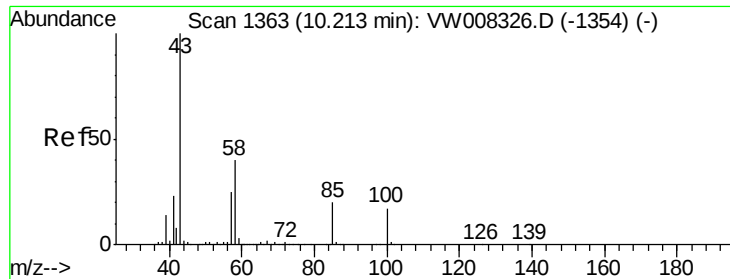
Tgt Ion: 98 Resp: 203752

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8

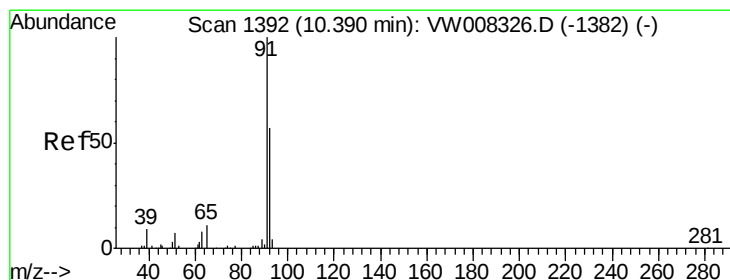
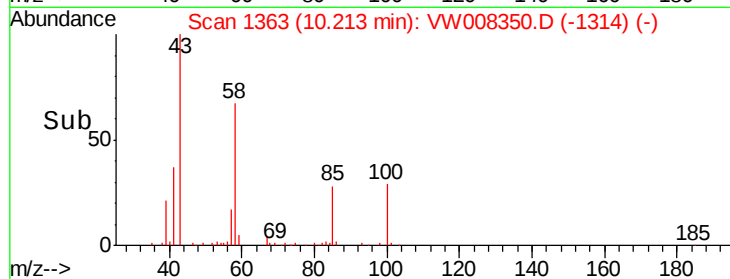
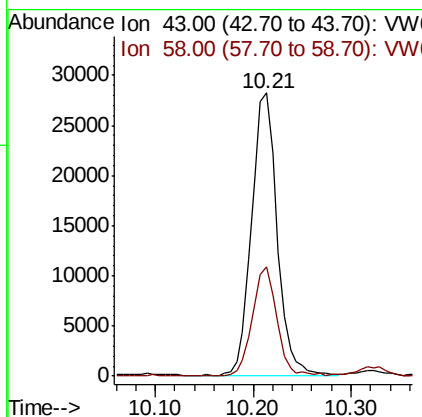
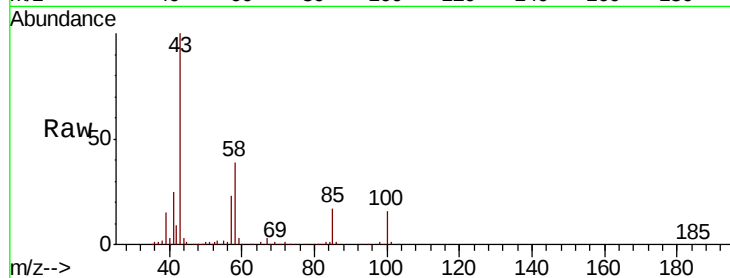




#51
 4-Methyl-2-Pentanone
 Concen: 92.736 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

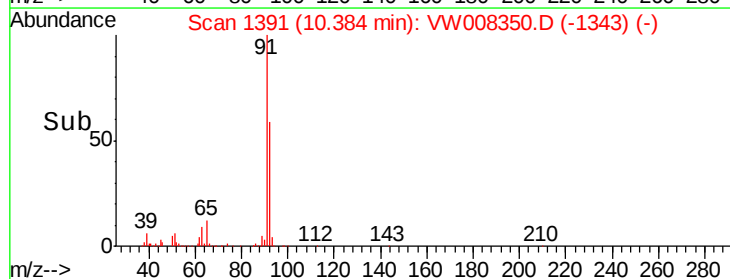
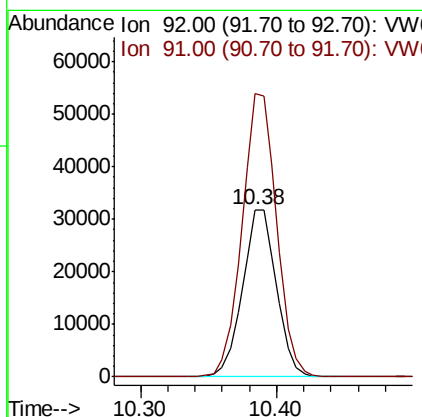
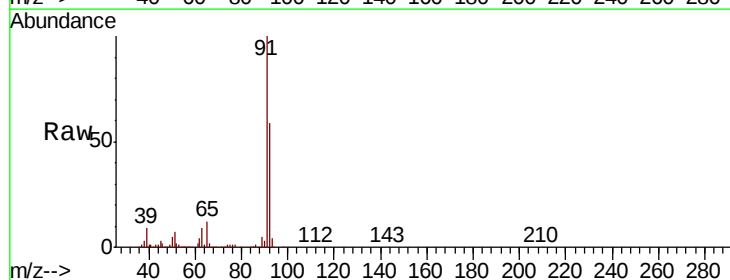
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

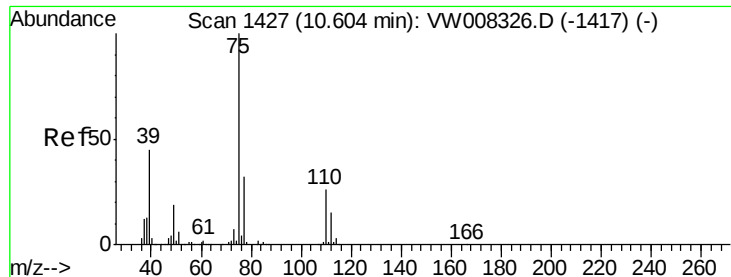
Tgt Ion: 43 Resp: 51929
 Ion Ratio Lower Upper
 43 100
 58 37.4 31.4 47.0



#52
 Toluene
 Concen: 21.780 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion: 92 Resp: 55430
 Ion Ratio Lower Upper
 92 100
 91 172.3 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 19.958 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

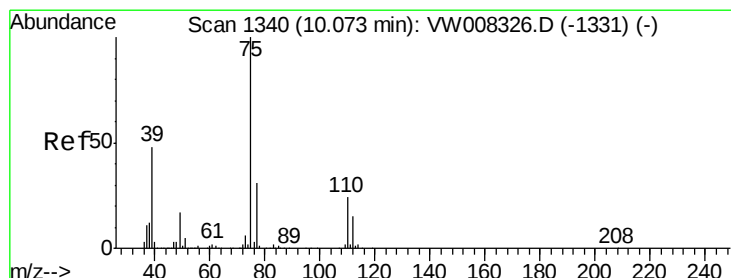
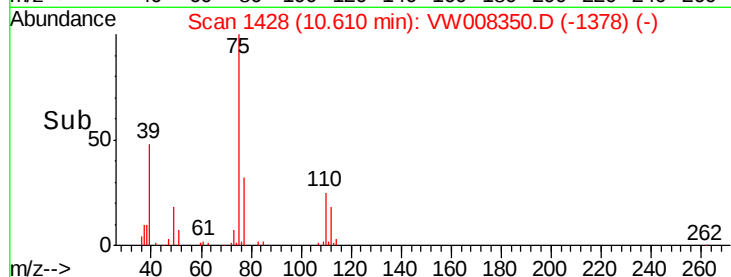
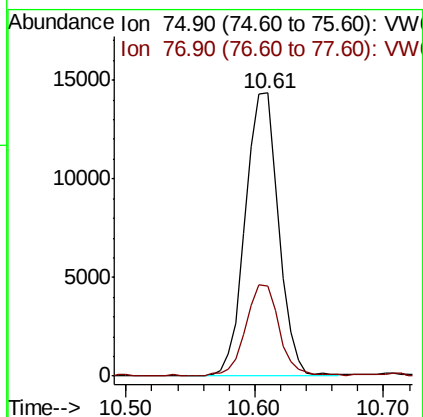
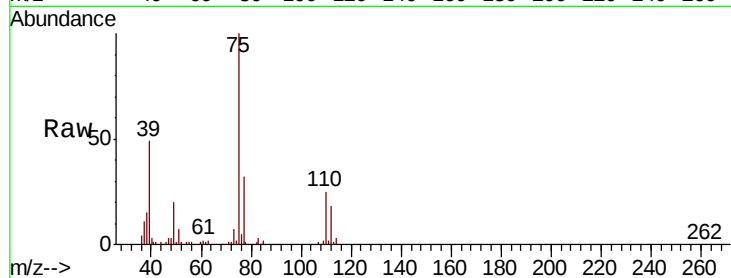
VW0118SBS01

Tgt Ion: 75 Resp: 25582

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 20.631 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

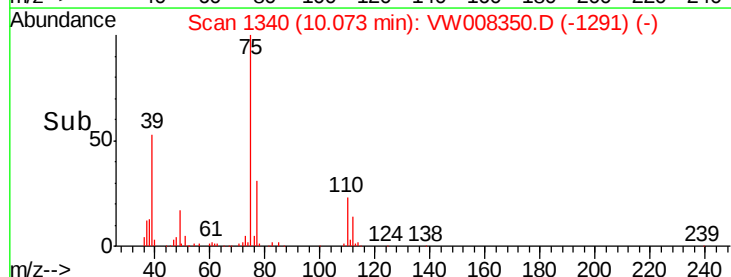
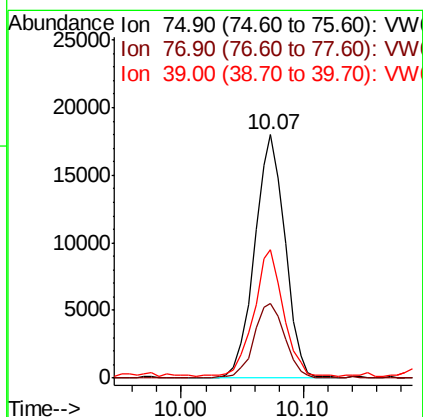
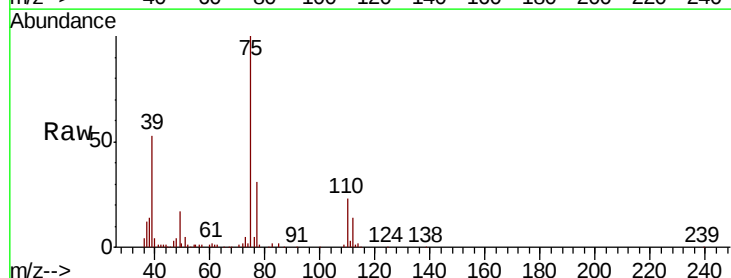
Tgt Ion: 75 Resp: 31173

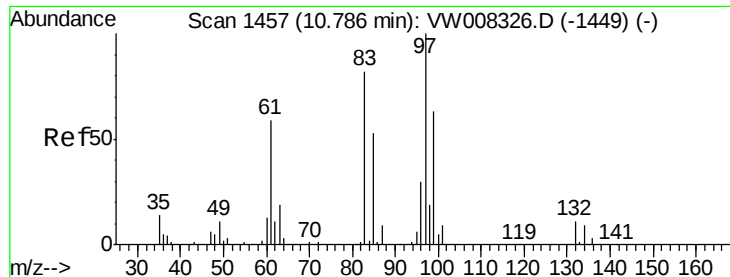
Ion Ratio Lower Upper

75 100

77 30.7 24.4 36.6

39 52.1 38.6 57.8

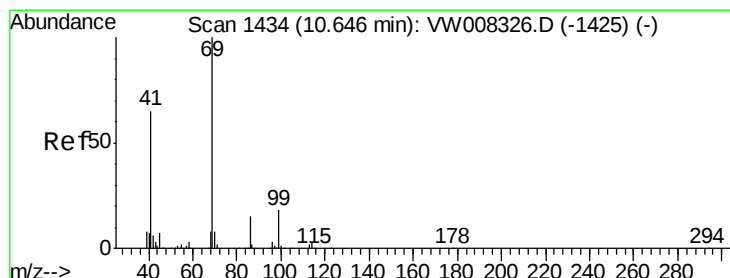
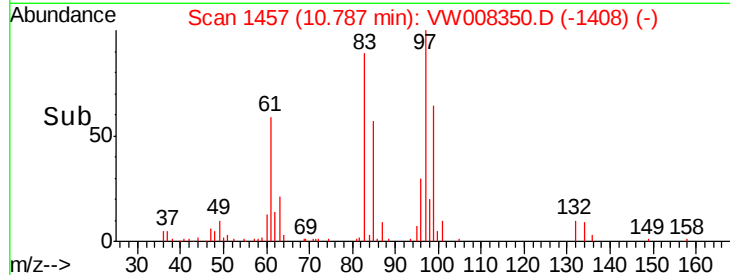
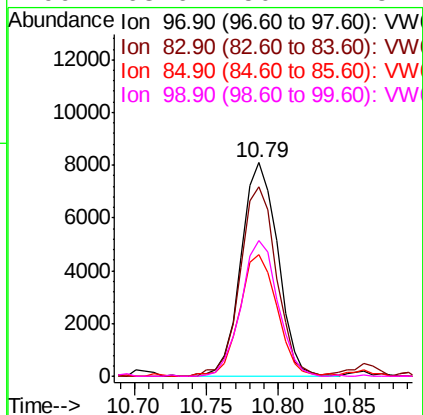
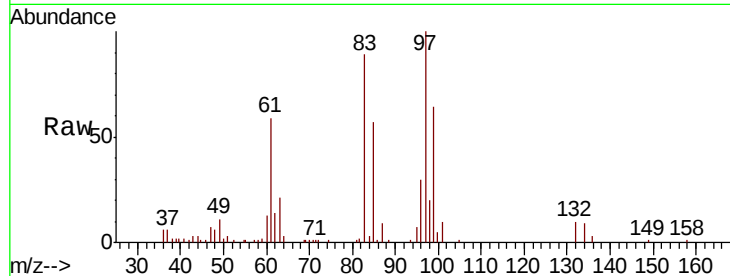




#55
 1,1,2-Trichloroethane
 Concen: 19.863 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

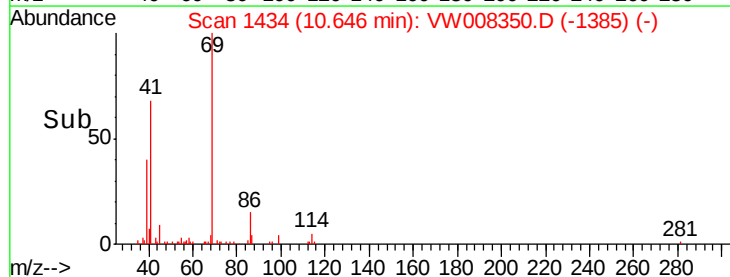
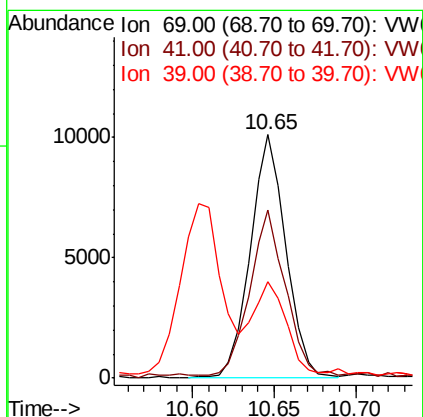
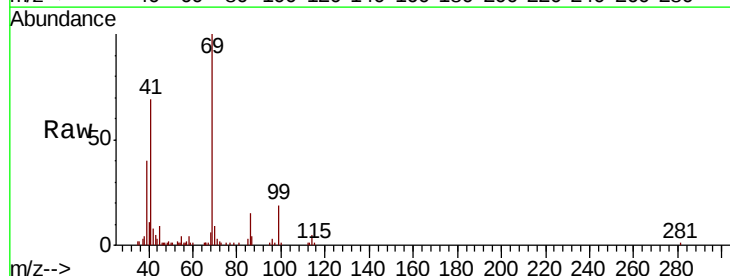
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

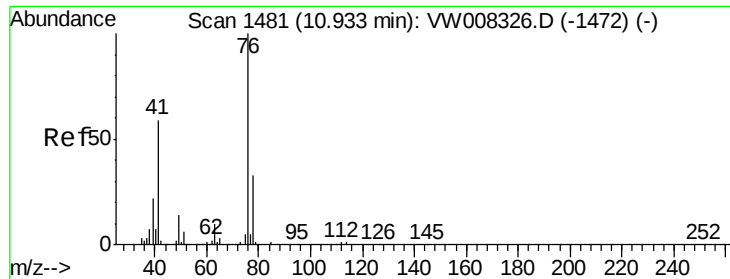
Tgt Ion:	97	Resp:	14344
Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.3	97.9
85	57.0	42.6	64.0
99	63.6	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 18.086 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion:	69	Resp:	15338
Ion	Ratio	Lower	Upper
69	100		
41	67.9	52.9	79.3
39	35.3	28.4	42.6

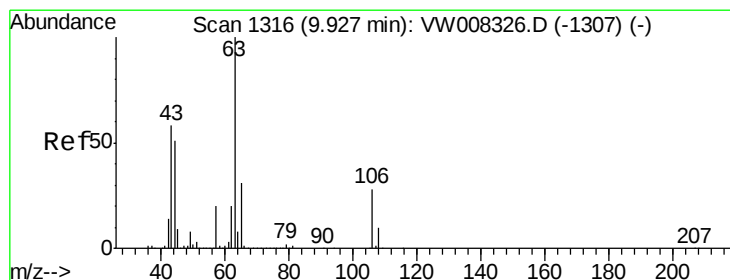
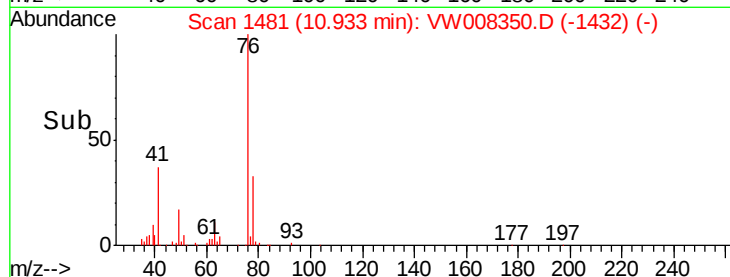
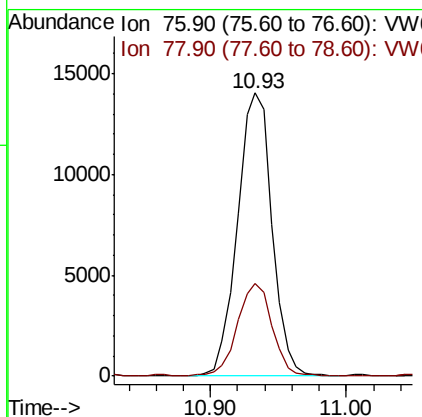
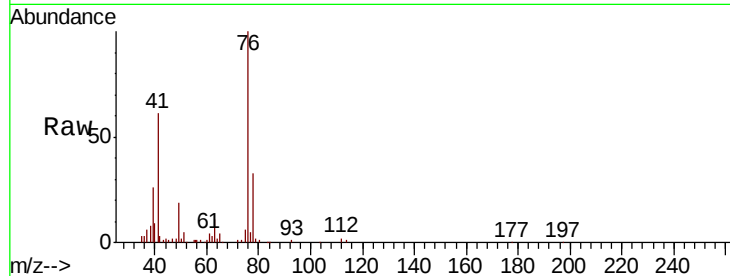




#57
 1,3-Dichloropropane
 Concen: 19.833 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

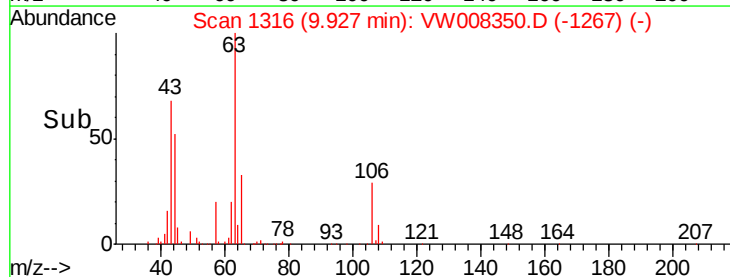
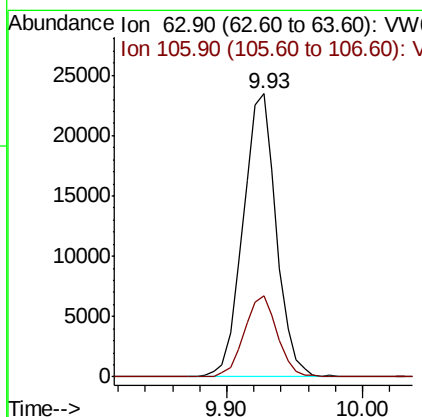
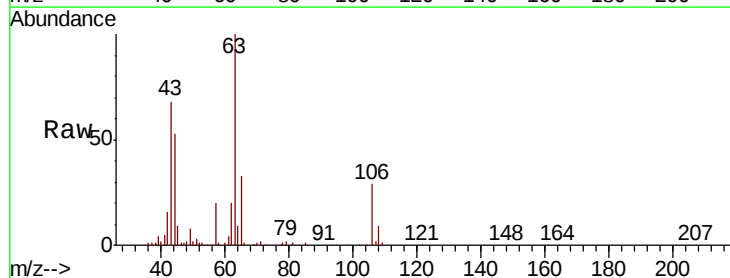
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

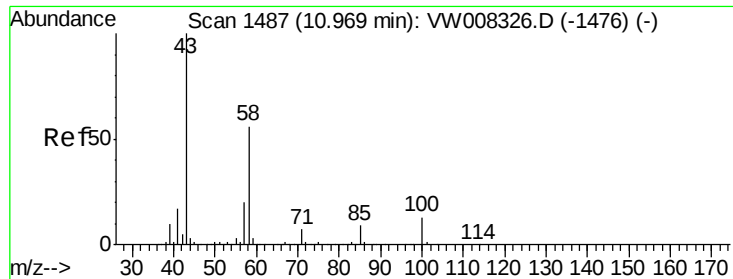
Tgt Ion: 76 Resp: 24868
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.791 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion: 63 Resp: 40004
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.9 34.3

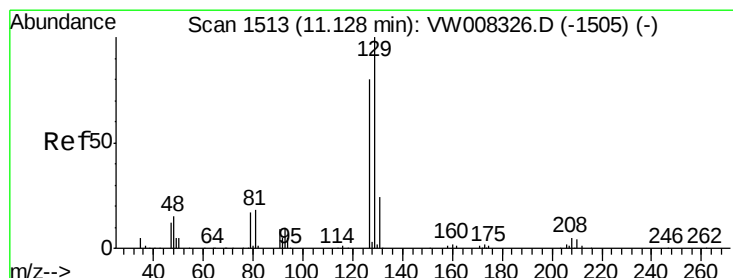
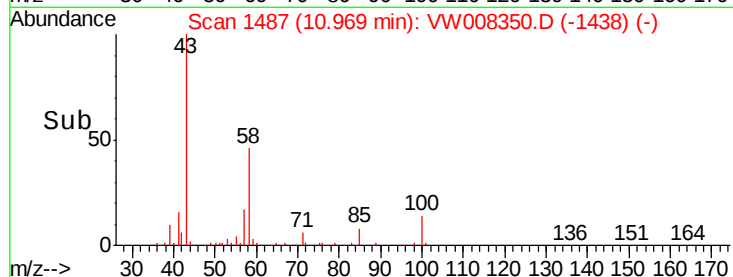
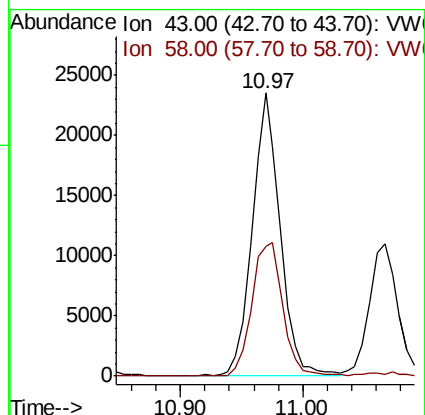
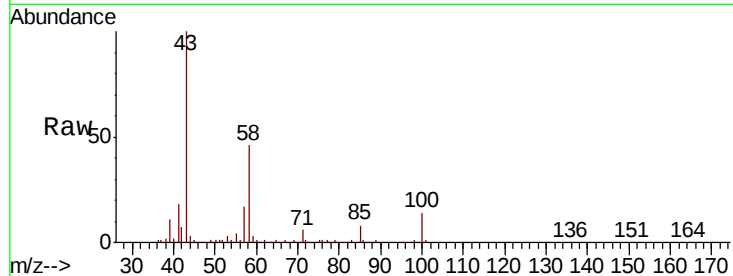




#59
2-Hexanone
Concen: 95.227 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

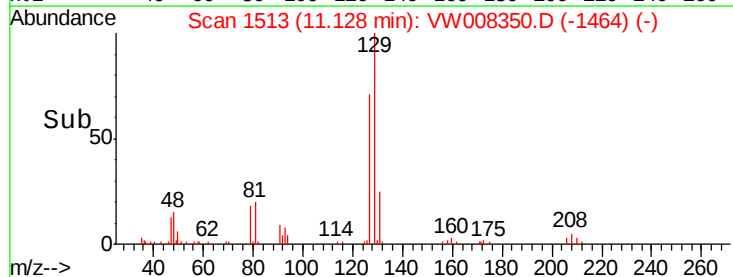
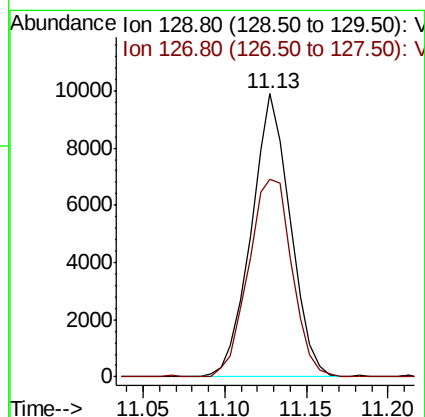
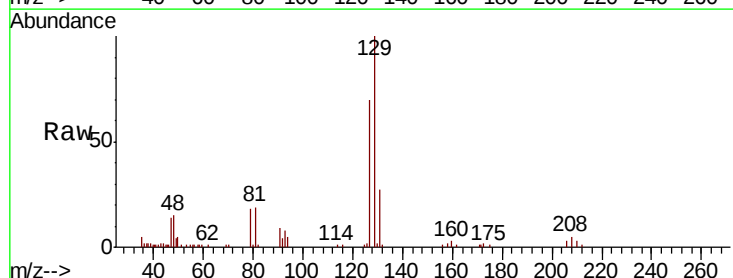
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

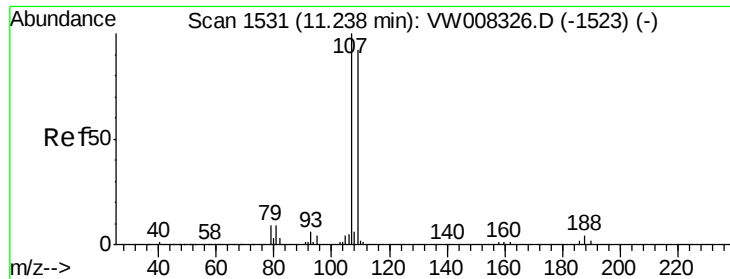
Tgt Ion: 43 Resp: 37362
Ion Ratio Lower Upper
43 100
58 52.4 27.5 82.5



#60
Dibromochloromethane
Concen: 19.099 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 129 Resp: 16460
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

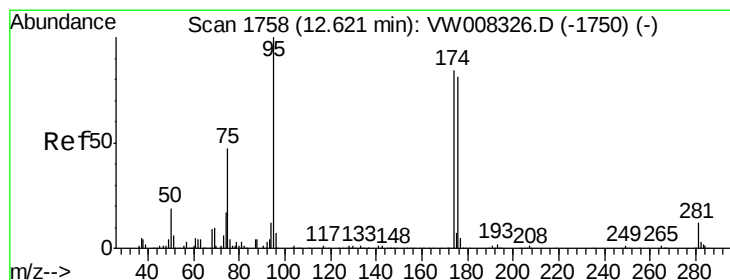
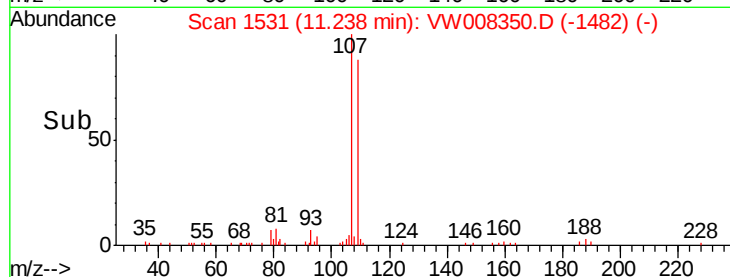
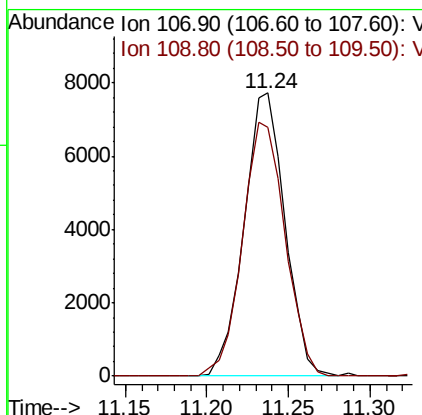
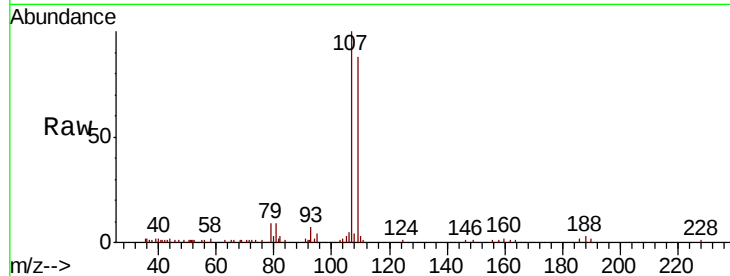




#61
 1,2-Dibromoethane
 Concen: 19.296 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

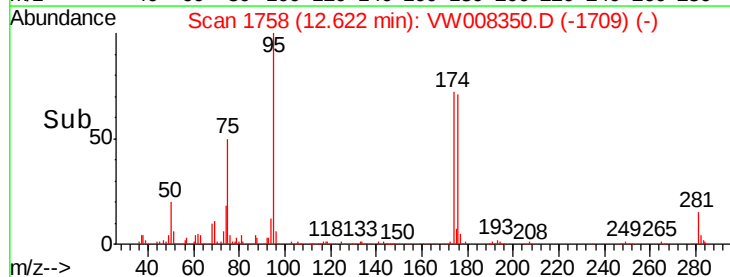
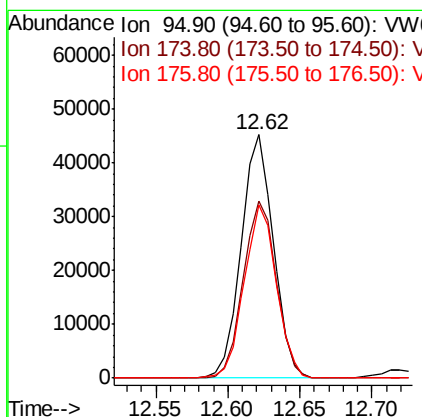
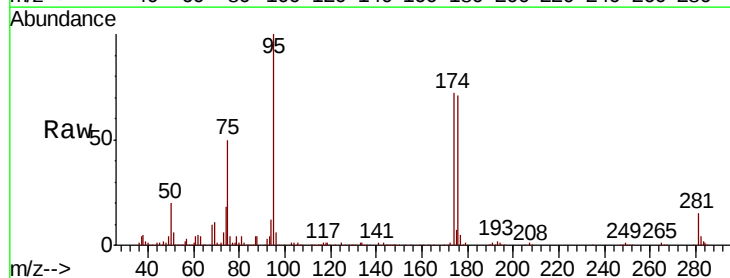
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

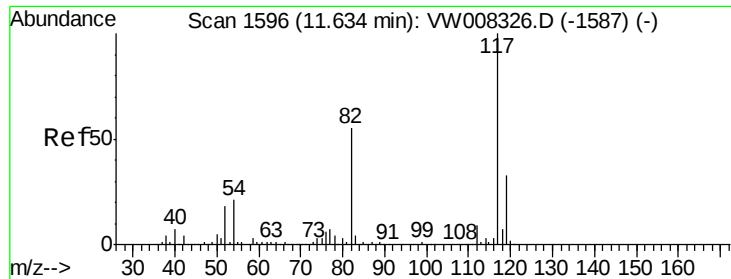
Tgt Ion: 107 Resp: 13493
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 55.202 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion: 95 Resp: 70059
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 166.0
 176 70.9 0.0 160.0

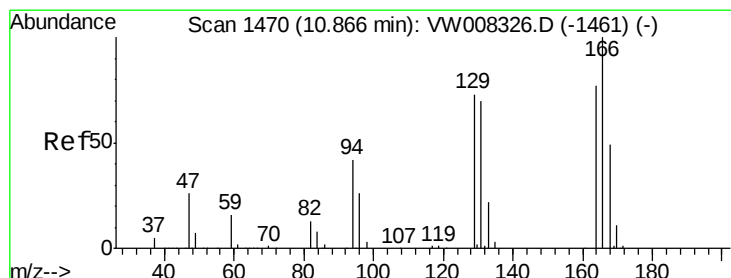
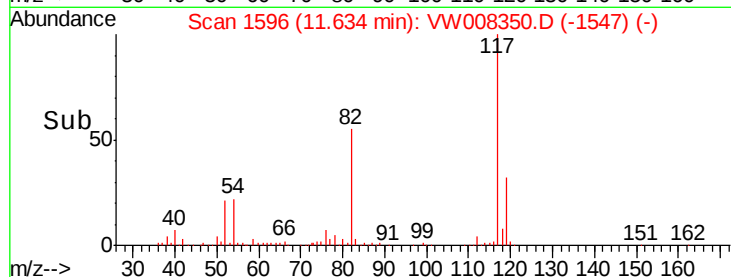
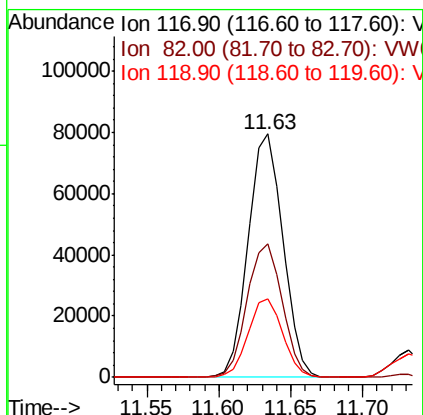
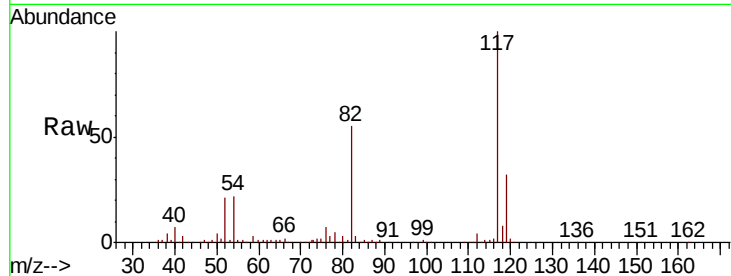




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

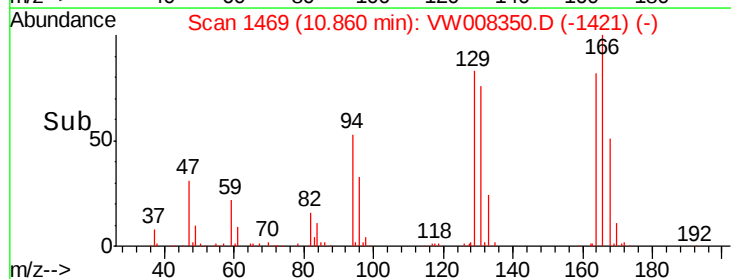
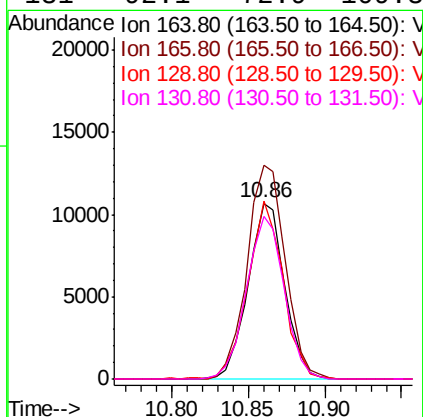
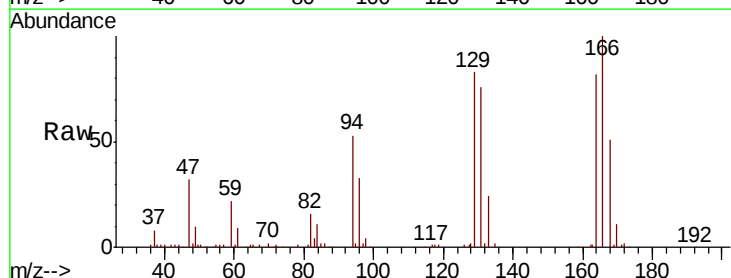
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

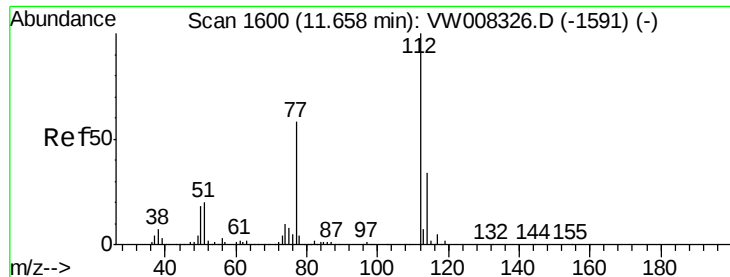
Tgt Ion:117 Resp: 132589
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 19.039 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion:164 Resp: 17700
Ion Ratio Lower Upper
164 100
166 121.4 103.4 155.2
129 101.1 75.0 112.6
131 92.1 72.9 109.3

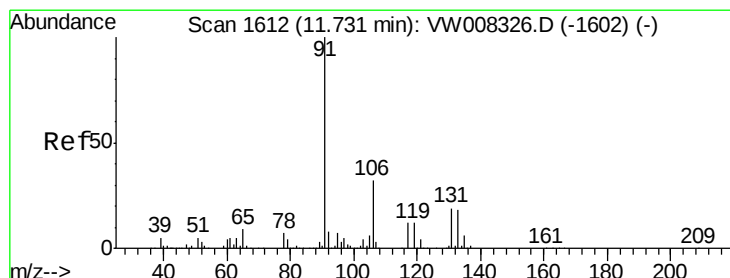
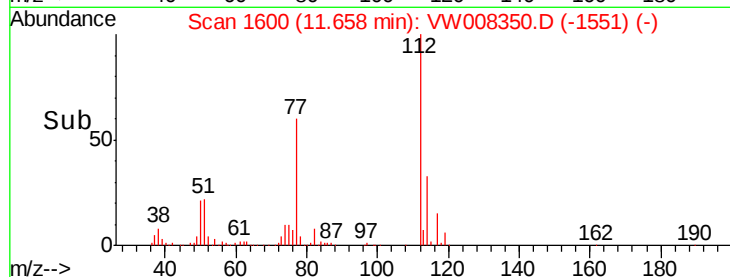
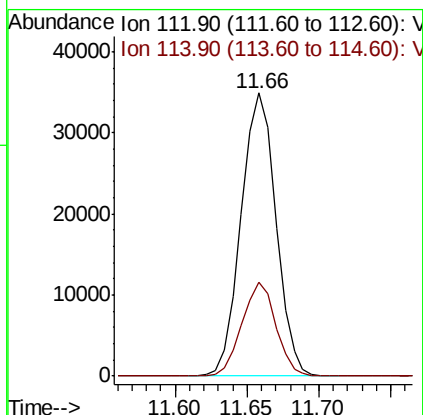
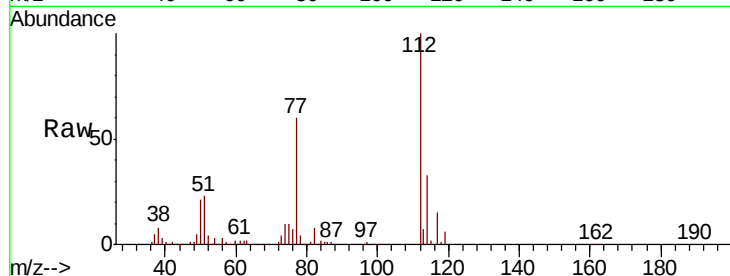




#65
Chlorobenzene
Concen: 20.279 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

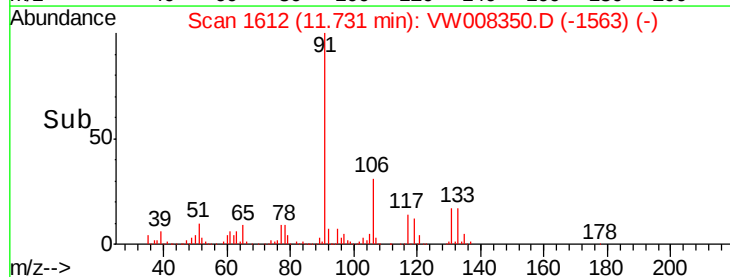
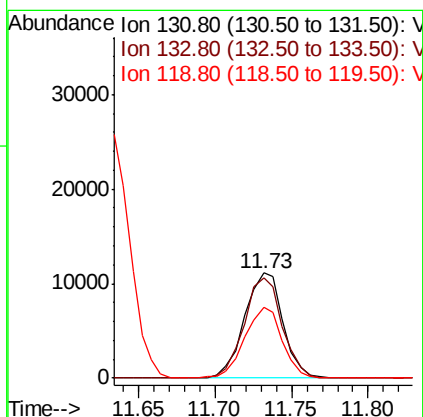
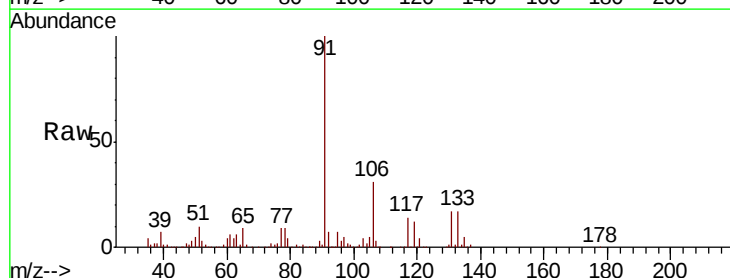
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

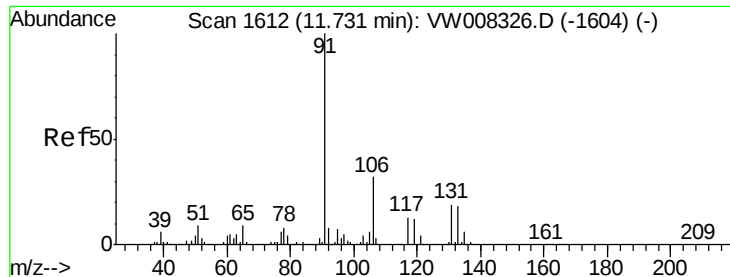
Tgt Ion:112 Resp: 58649
Ion Ratio Lower Upper
112 100
114 33.3 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.502 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion:131 Resp: 19412
Ion Ratio Lower Upper
131 100
133 94.6 48.2 144.6
119 66.0 31.6 94.7

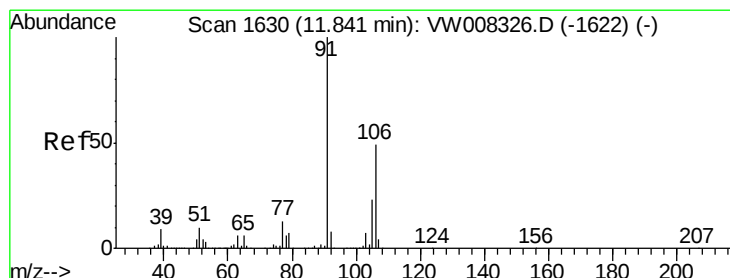
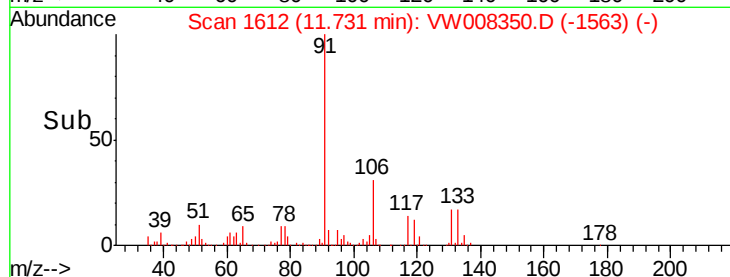
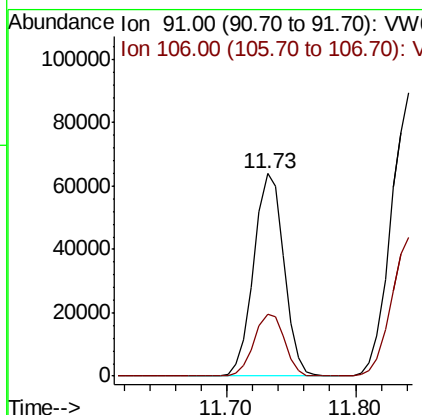
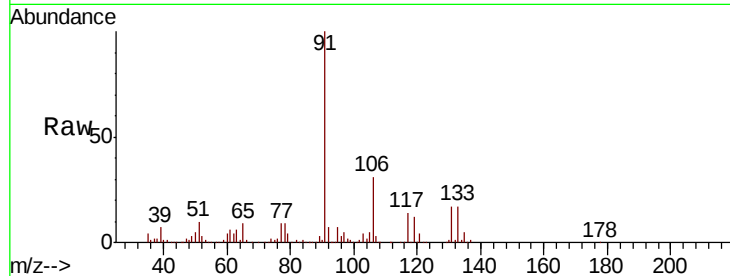




#67
Ethyl Benzene
Concen: 20.643 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

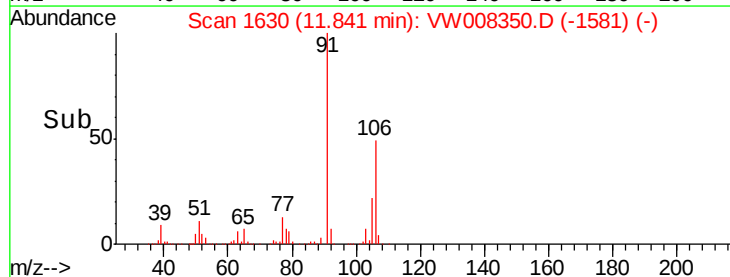
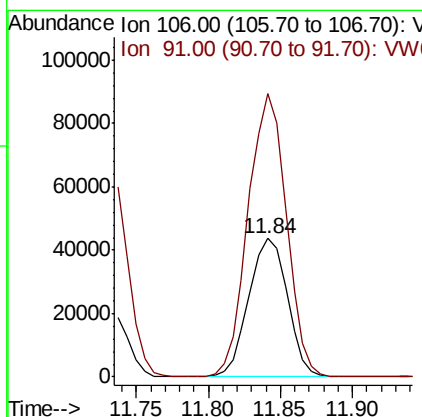
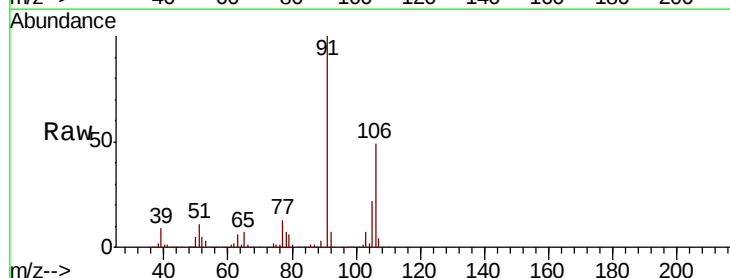
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

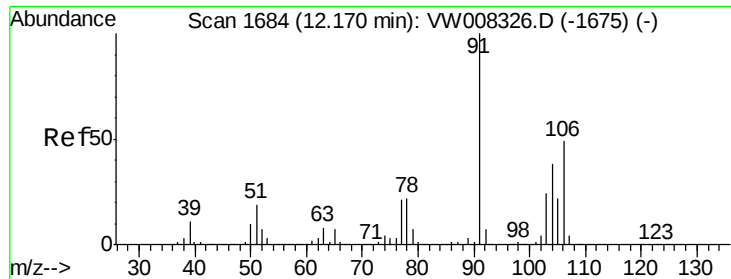
Tgt Ion: 91 Resp: 103659
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 41.863 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 106 Resp: 81595
Ion Ratio Lower Upper
106 100
91 201.5 158.4 237.6

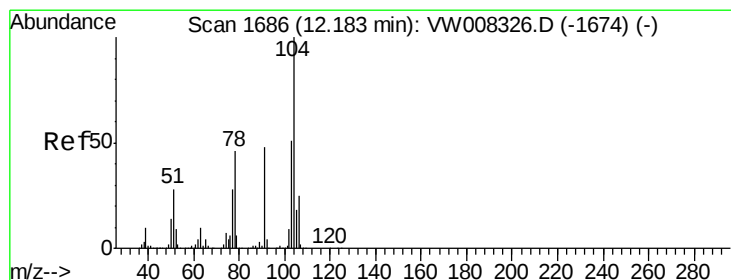
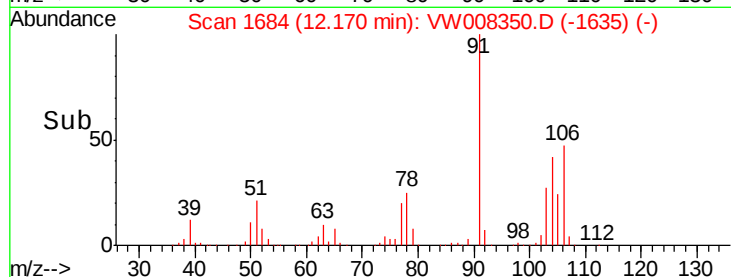
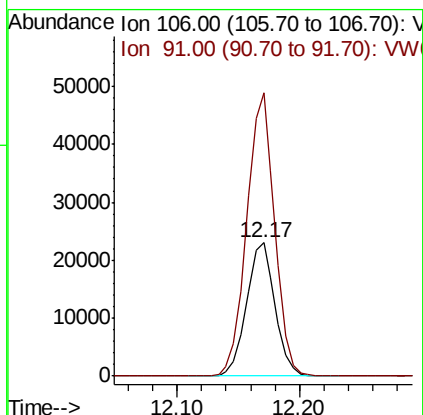
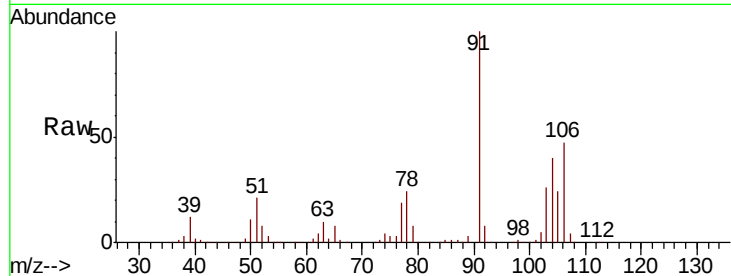




#69
o-Xylene
Concen: 20.416 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

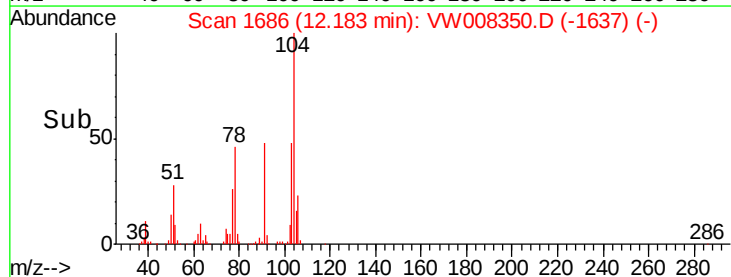
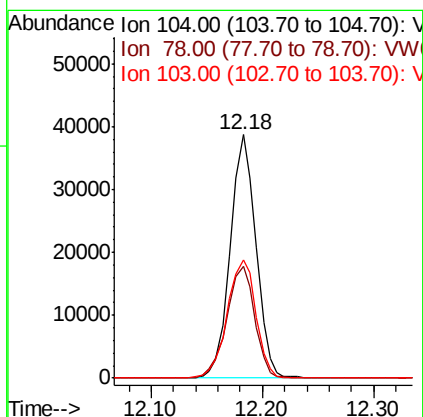
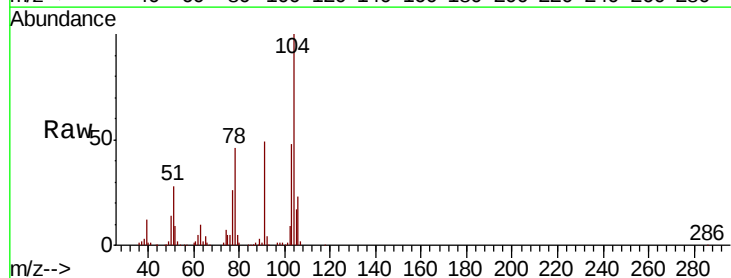
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

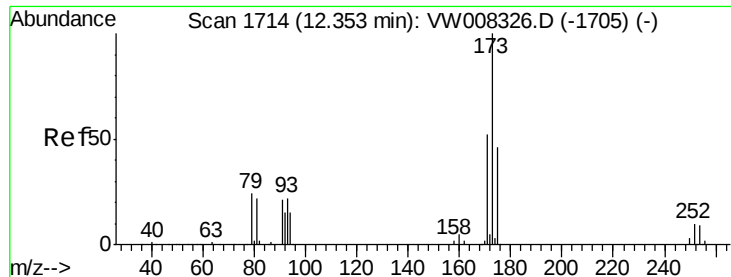
Tgt Ion:106 Resp: 37177
Ion Ratio Lower Upper
106 100
91 207.9 104.1 312.3



#70
Styrene
Concen: 21.182 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion:104 Resp: 61955
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 54.0 44.0 66.0





#71

Bromoform

Concen: 18.368 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

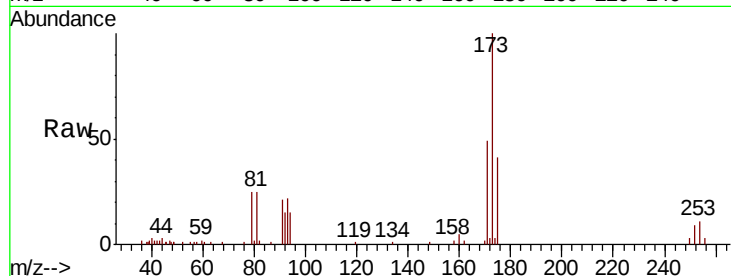
Tgt Ion:173 Resp: 9108

Ion Ratio Lower Upper

173 100

175 48.3 23.6 70.8

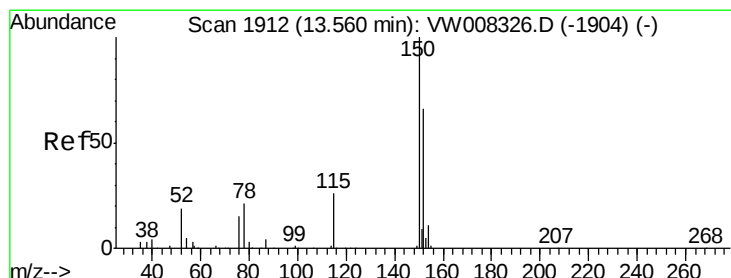
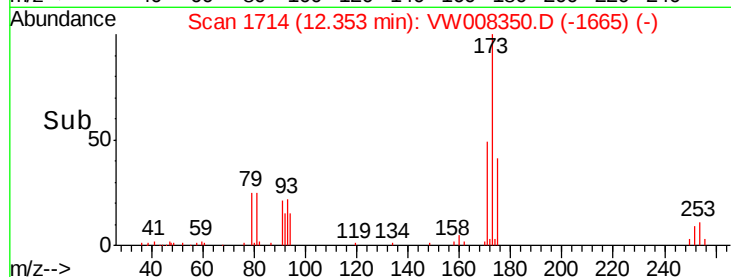
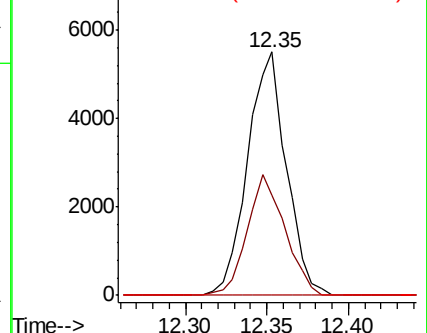
254 0.0 0.2 0.2#



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: VW008350.D

Acq: 18 Jan 2019 12:35

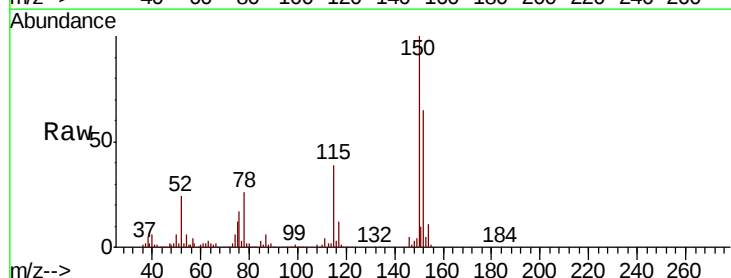
Tgt Ion:152 Resp: 66193

Ion Ratio Lower Upper

152 100

115 60.2 28.8 86.4

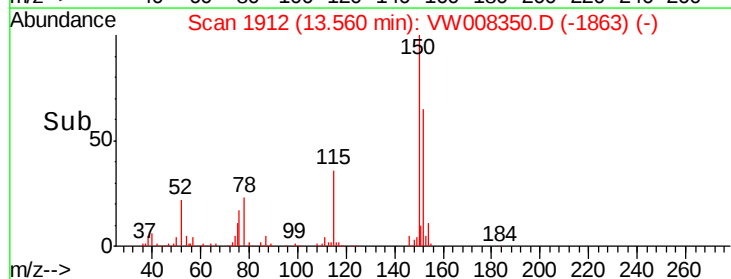
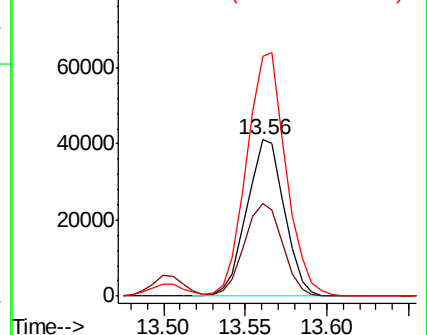
150 162.5 0.0 351.4

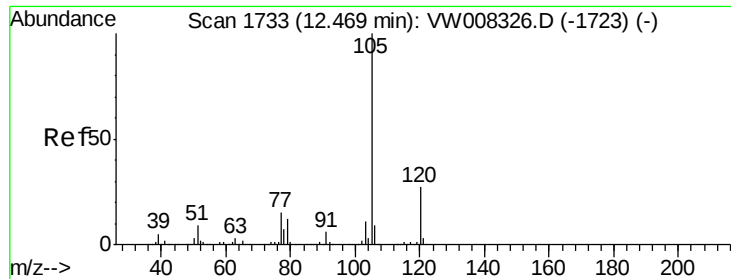


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.885 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

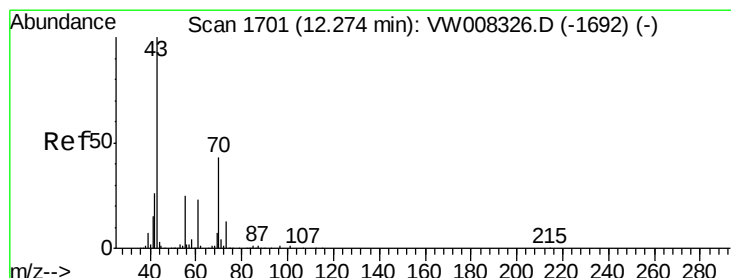
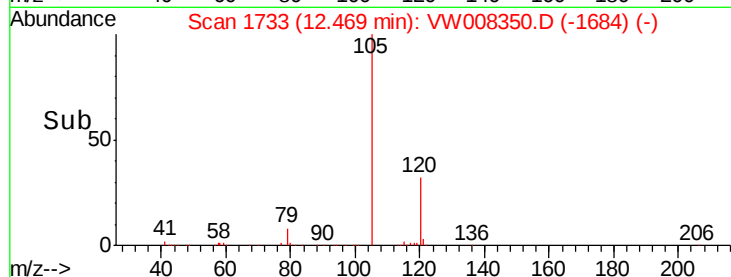
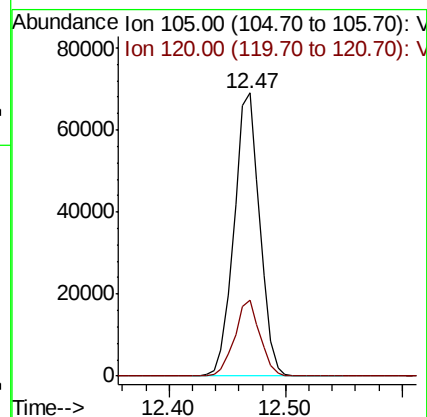
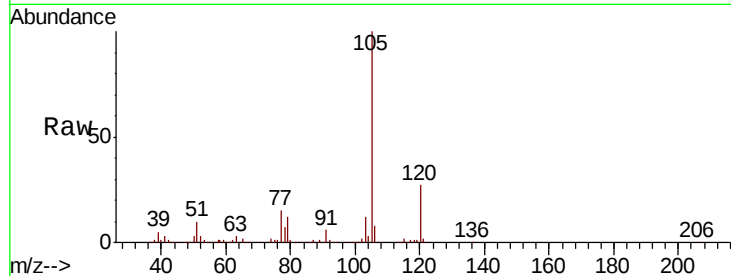
VW0118SBS01

Tgt Ion: 105 Resp: 105552

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.8



#74

N-ethyl acetate

Concen: 19.042 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Tgt Ion: 43 Resp: 19682

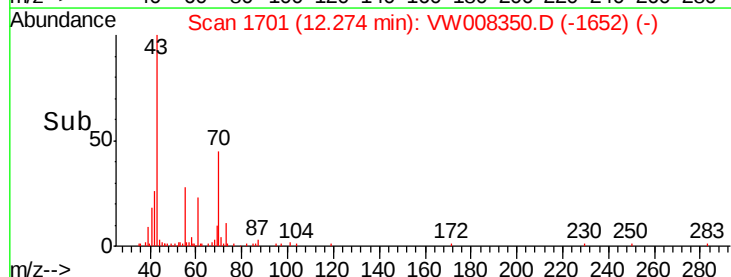
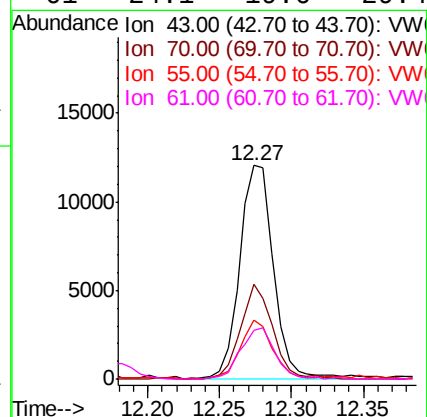
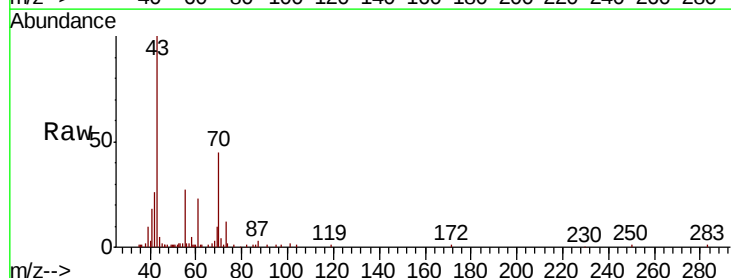
Ion Ratio Lower Upper

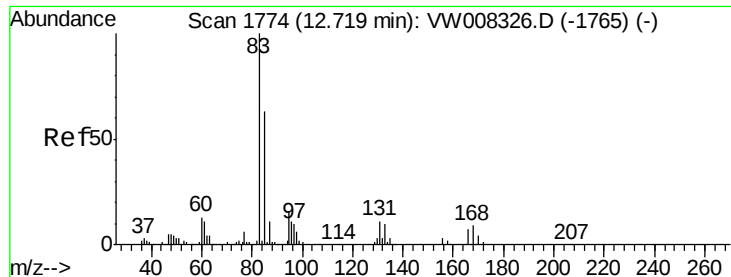
43 100

70 42.2 34.6 52.0

55 26.3 20.0 30.0

61 24.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.938 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

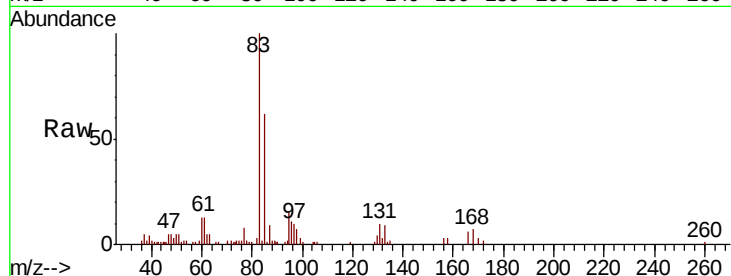
Tgt Ion: 83 Resp: 16356

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

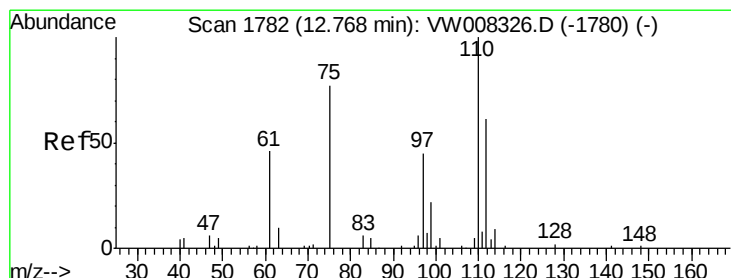
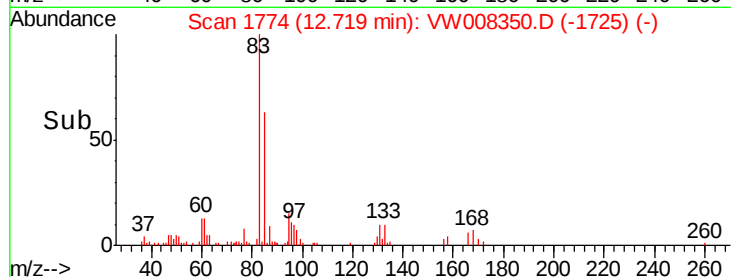
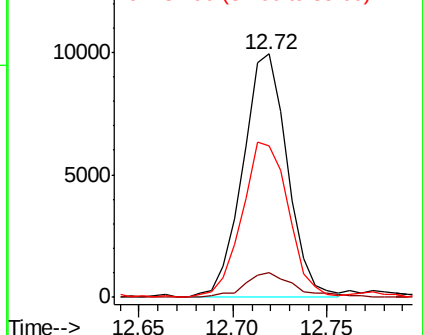
85 65.9 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.868 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008350.D

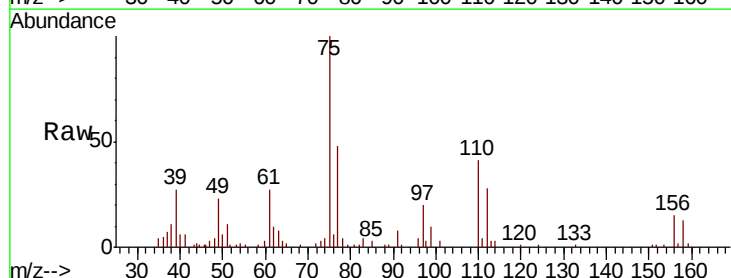
Acq: 18 Jan 2019 12:35

Tgt Ion: 75 Resp: 21018

Ion Ratio Lower Upper

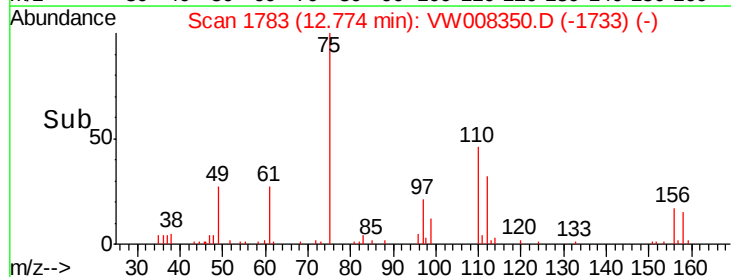
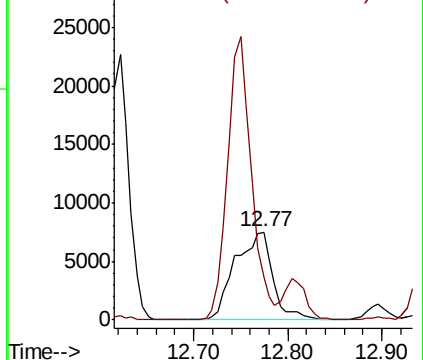
75 100

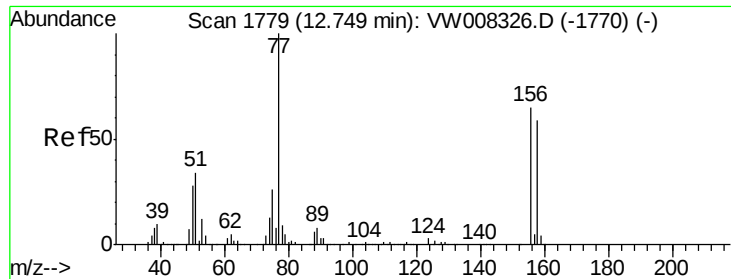
77 0.0 175.3 526.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.827 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

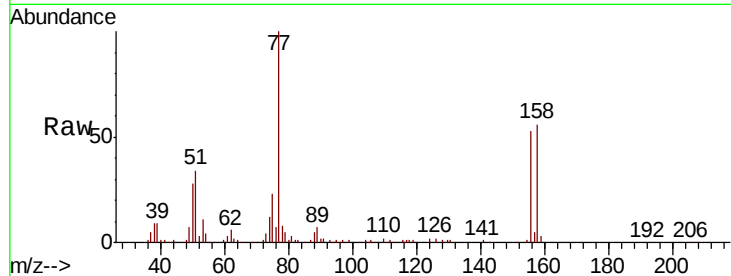
Tgt Ion:156 Resp: 21811

Ion Ratio Lower Upper

156 100

77 196.4 88.3 264.9

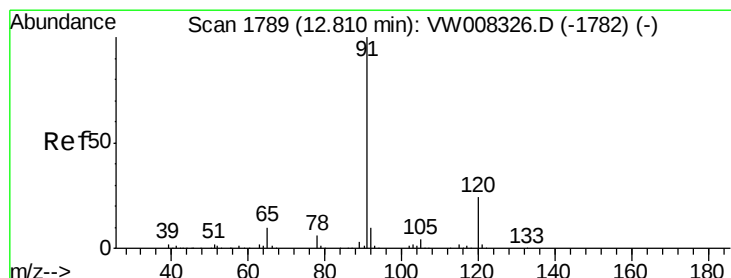
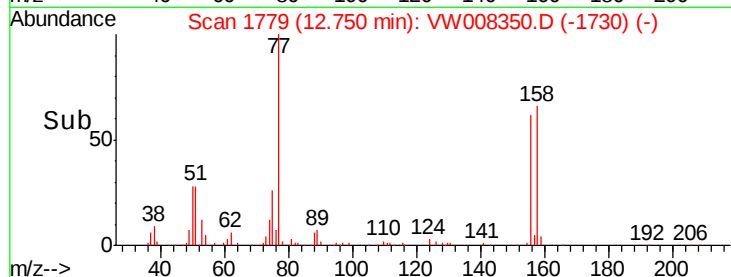
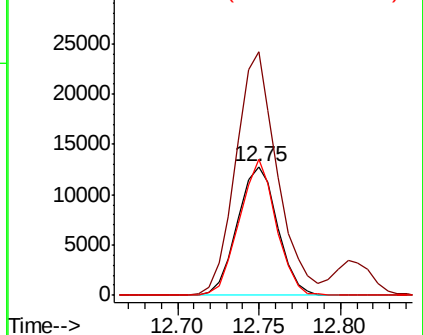
158 97.3 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.332 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008350.D

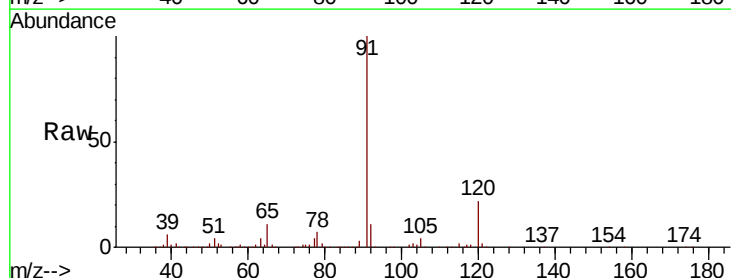
Acq: 18 Jan 2019 12:35

Tgt Ion: 91 Resp: 130365

Ion Ratio Lower Upper

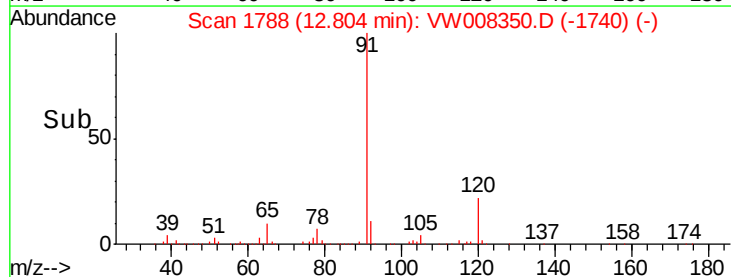
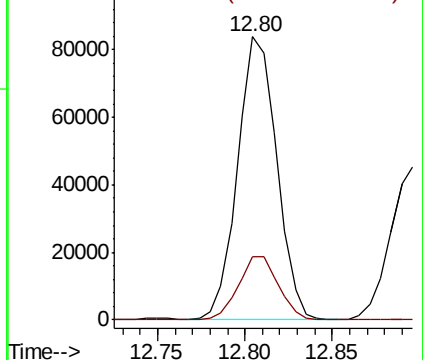
91 100

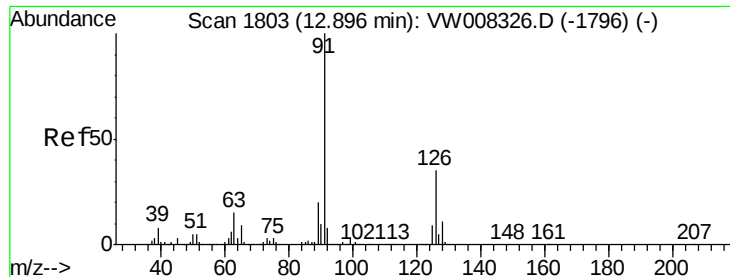
120 22.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.410 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

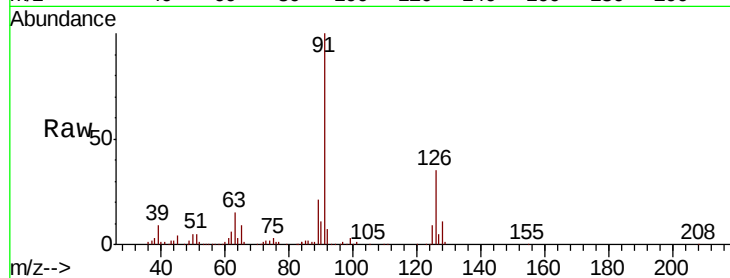
VW0118SBS01

Tgt Ion: 91 Resp: 71411

Ion Ratio Lower Upper

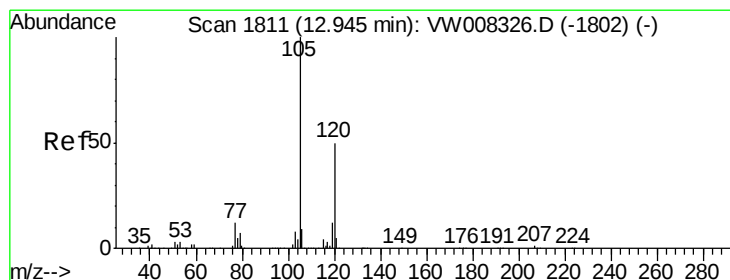
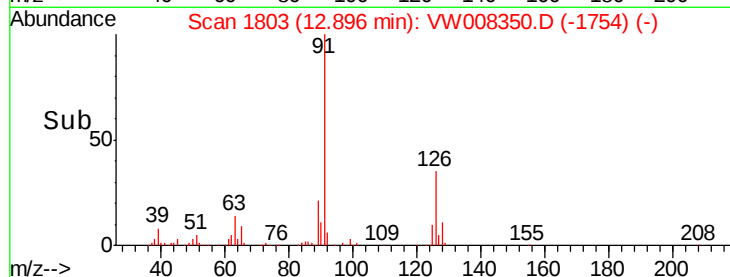
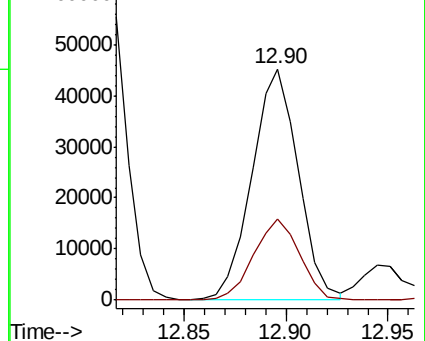
91 100

126 34.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.040 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008350.D

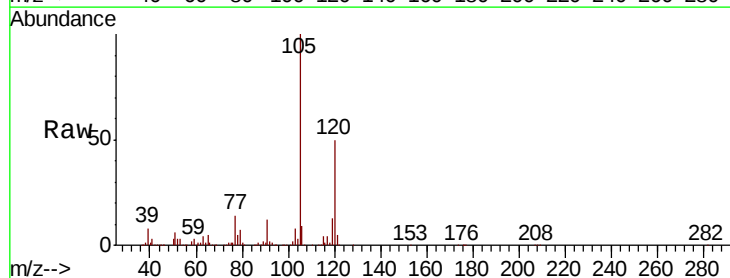
Acq: 18 Jan 2019 12:35

Tgt Ion: 105 Resp: 88703

Ion Ratio Lower Upper

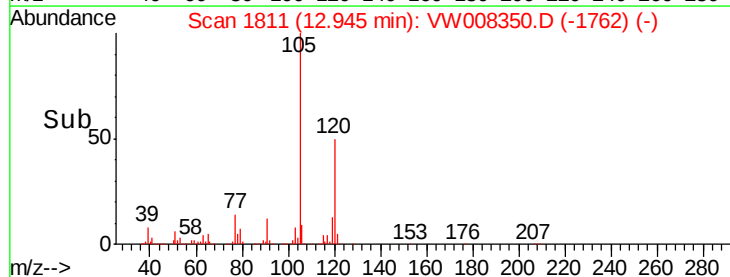
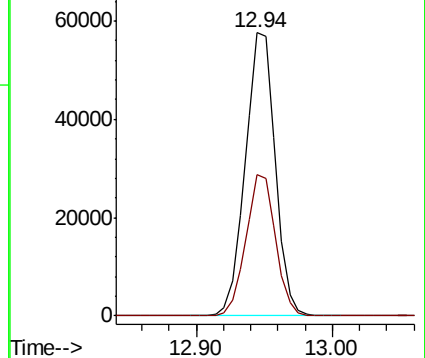
105 100

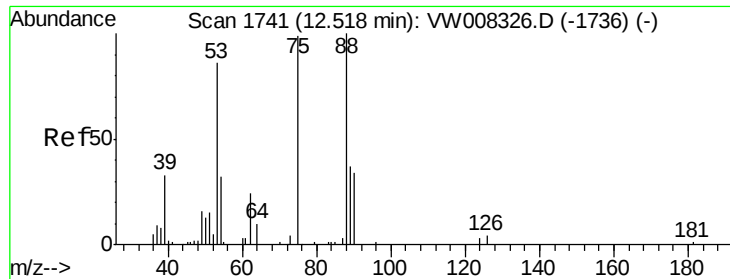
120 49.7 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

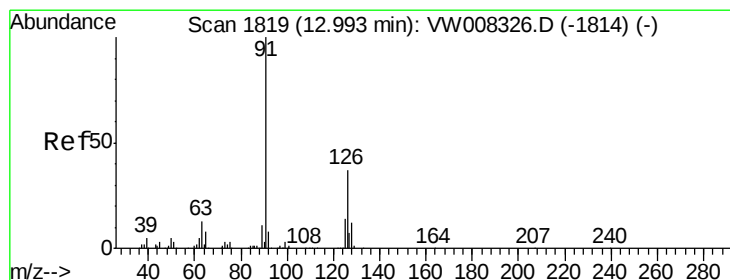
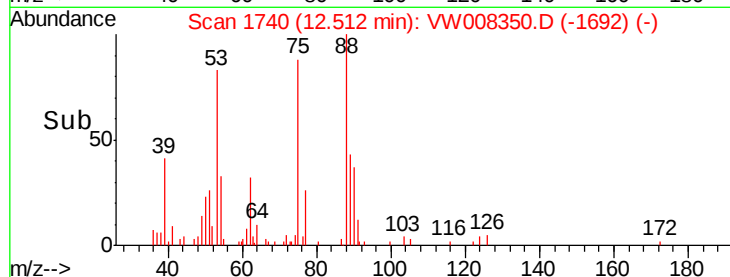
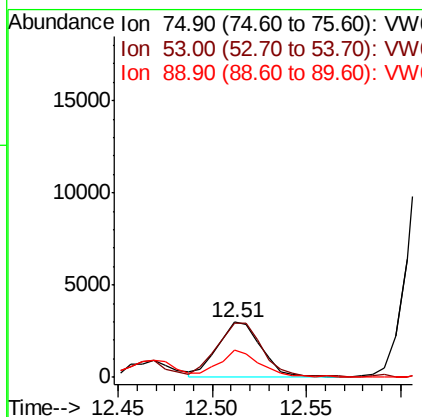
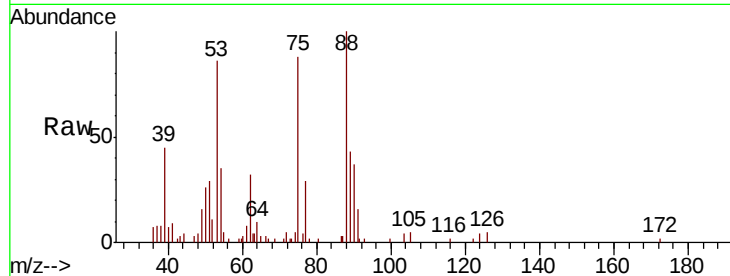




#81
trans-1,4-Dichloro-2-butene
Concen: 19.098 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

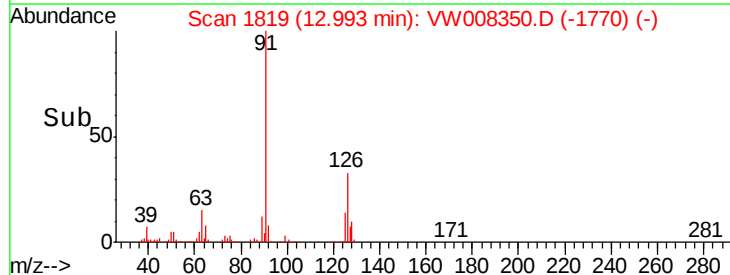
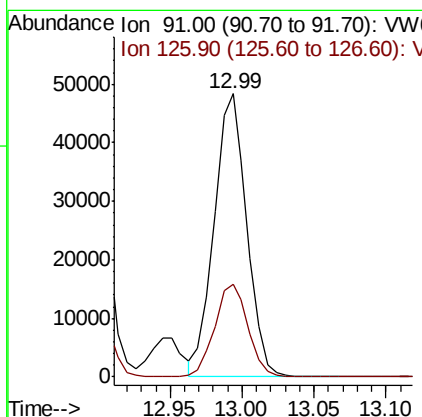
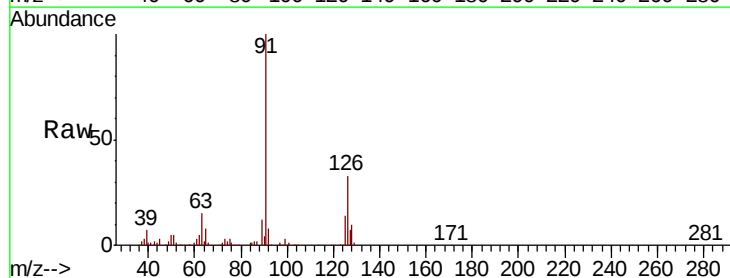
Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

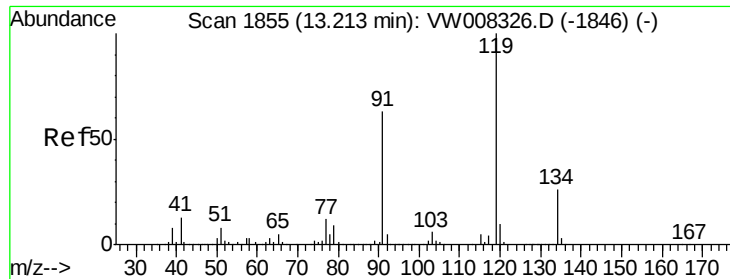
Tgt Ion: 75 Resp: 4824
Ion Ratio Lower Upper
75 100
53 104.4 76.2 114.4
89 45.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 21.959 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion: 91 Resp: 76536
Ion Ratio Lower Upper
91 100
126 33.6 17.8 53.3

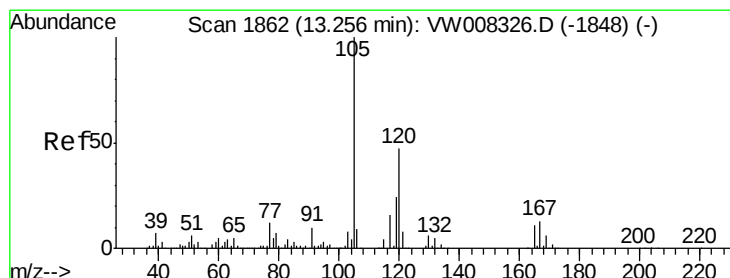
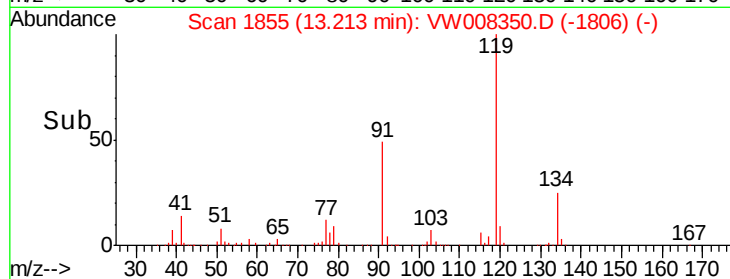
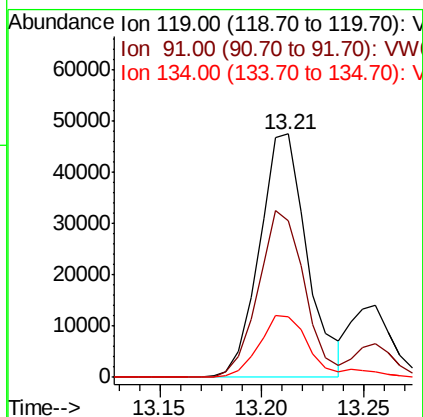
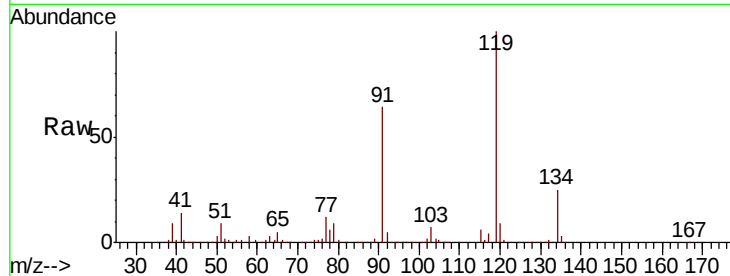




#83
 tert-Butylbenzene
 Concen: 21.838 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

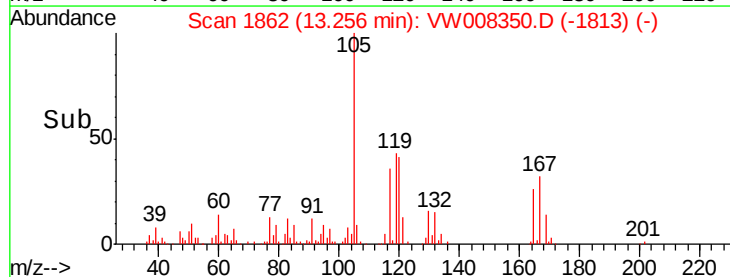
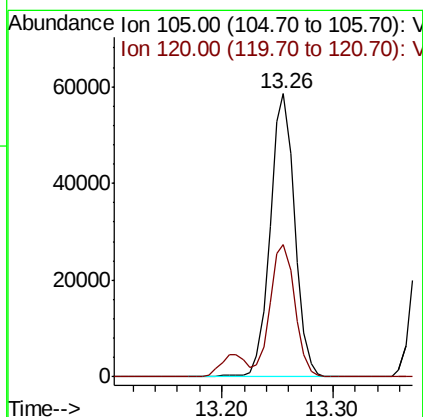
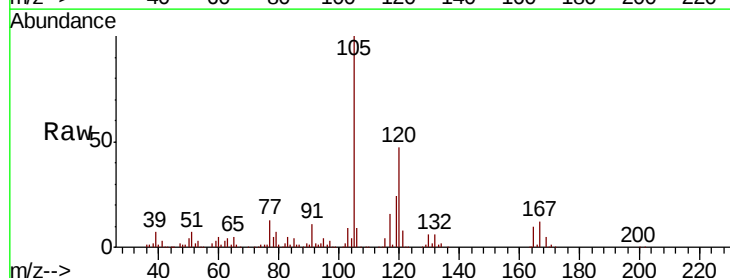
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

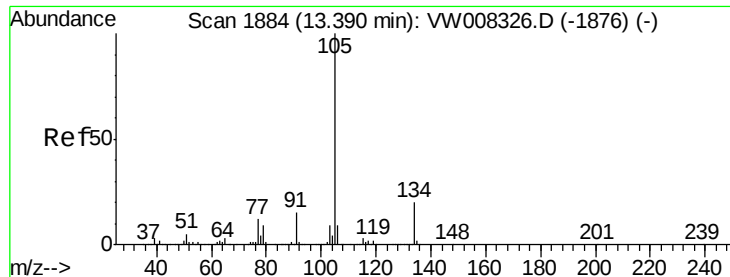
Tgt Ion:119 Resp: 77358
 Ion Ratio Lower Upper
 119 100
 91 66.4 32.4 97.0
 134 28.2 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.941 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion:105 Resp: 89958
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.5 70.6

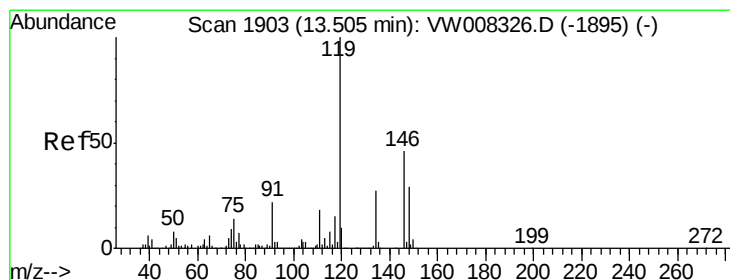
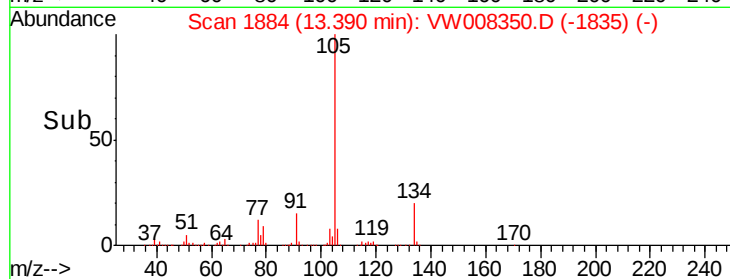
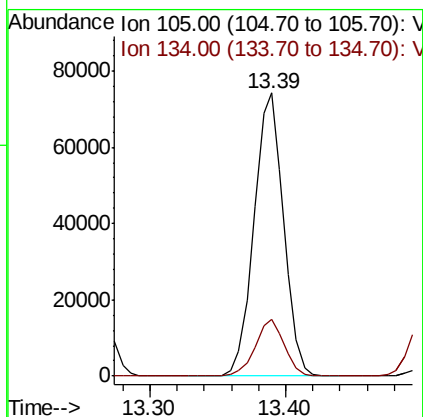
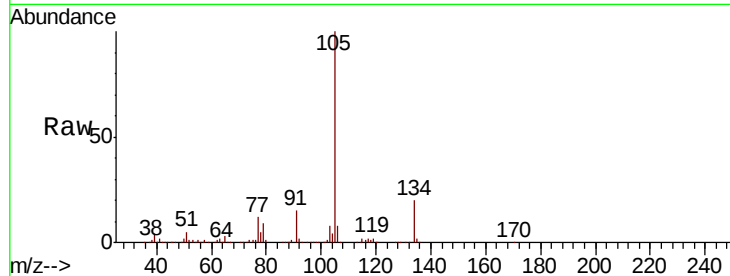




#85
 sec-Butylbenzene
 Concen: 22.223 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

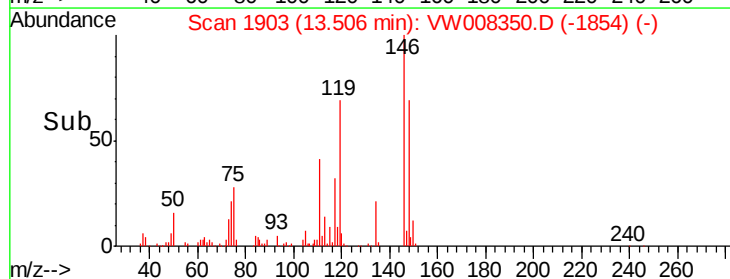
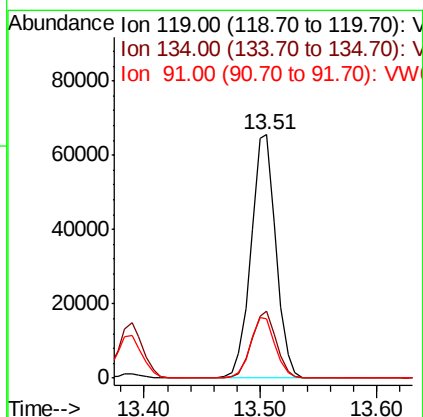
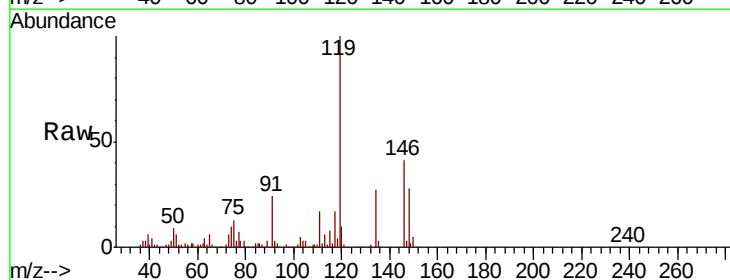
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

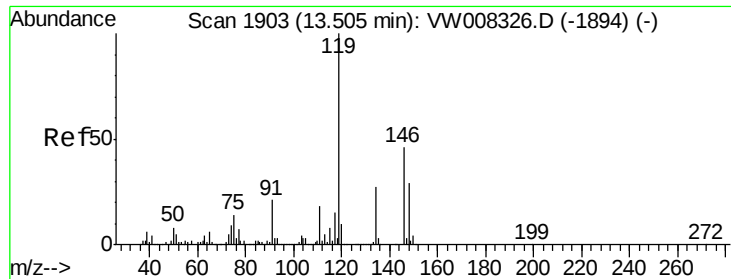
Tgt Ion:105 Resp: 113026
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 22.030 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion:119 Resp: 97858
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.7 41.0
 91 24.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 20.121 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

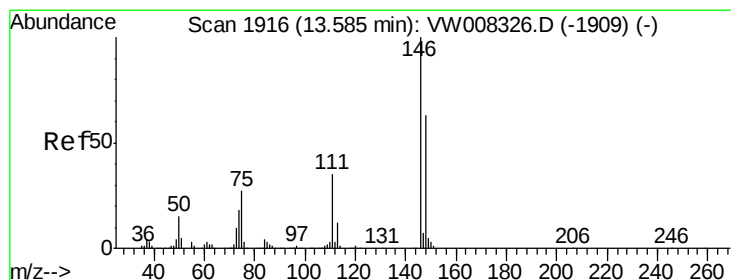
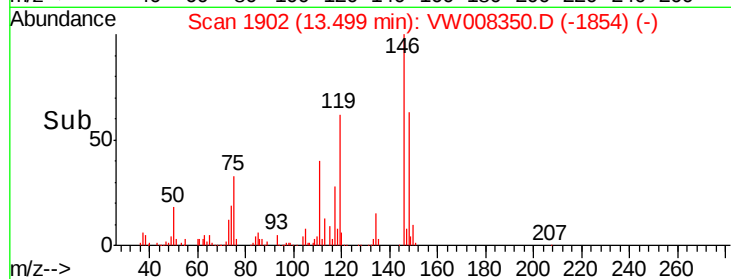
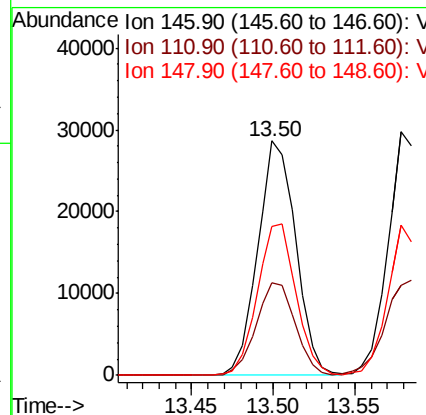
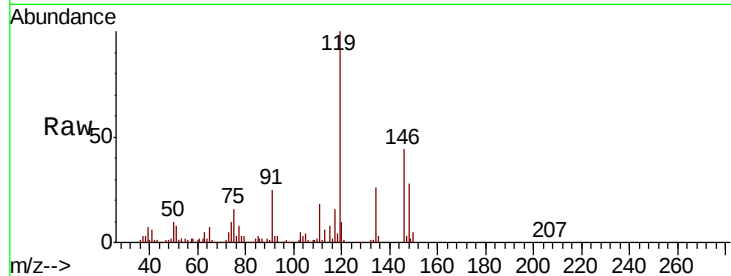
Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tgt Ion:	146	Resp:	46315
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	65.3	31.4	94.3



#88

1,4-Dichlorobenzene

Concen: 20.315 ug/l

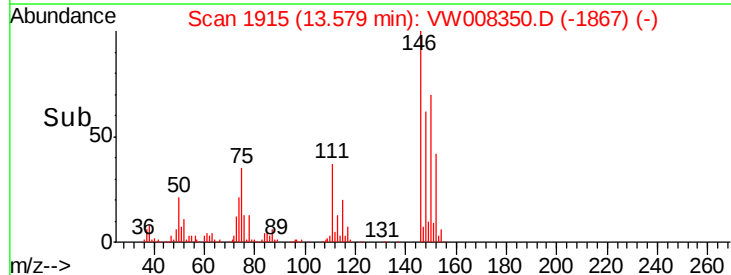
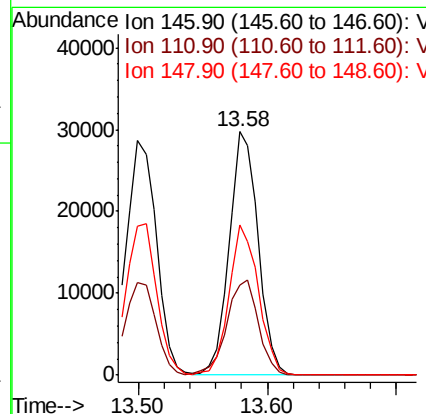
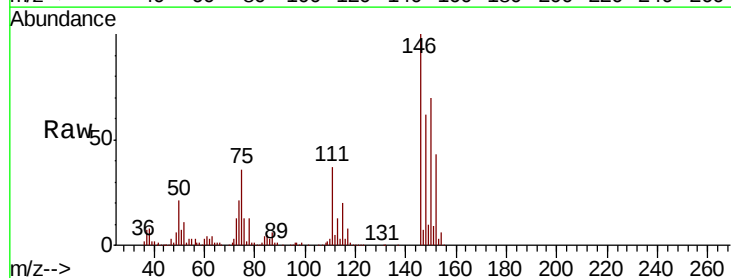
RT: 13.58 min Scan# 1915

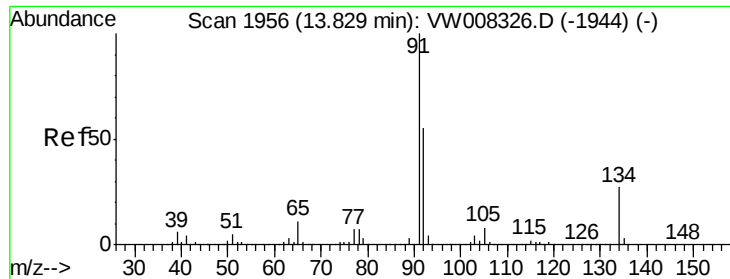
Delta R.T. -0.01 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Tgt Ion:	146	Resp:	46847
Ion	Ratio	Lower	Upper
146	100		
111	42.7	18.9	56.5
148	62.7	31.6	94.8





#89

n-Butylbenzene

Concen: 23.001 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008350.D

Acq: 18 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

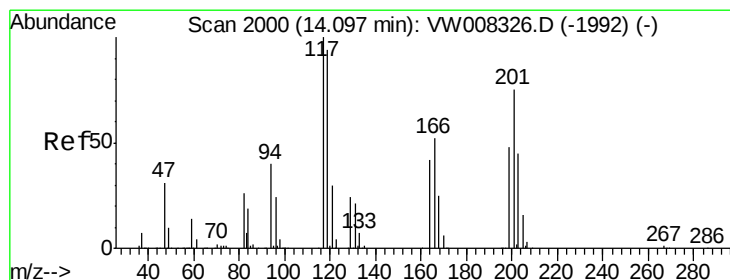
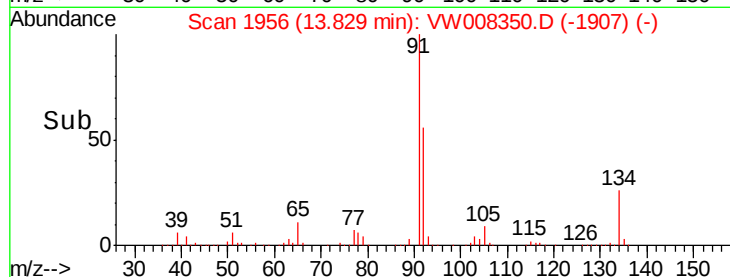
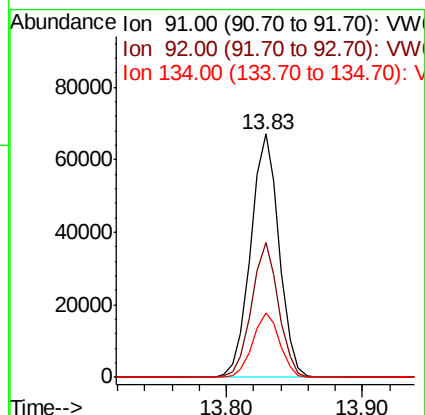
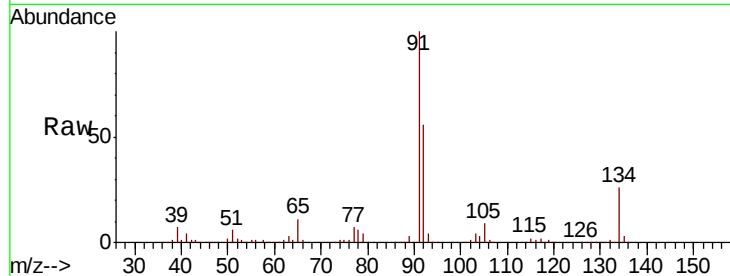
Tgt Ion: 91 Resp: 98005

Ion Ratio Lower Upper

91 100

92 53.1 27.2 81.6

134 25.5 13.4 40.1



#90

Hexachloroethane

Concen: 21.840 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008350.D

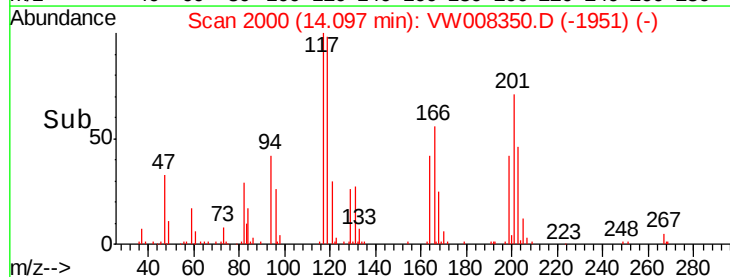
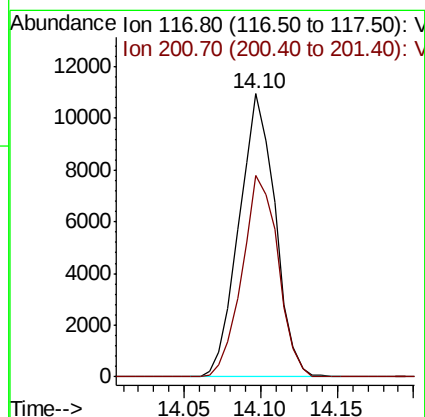
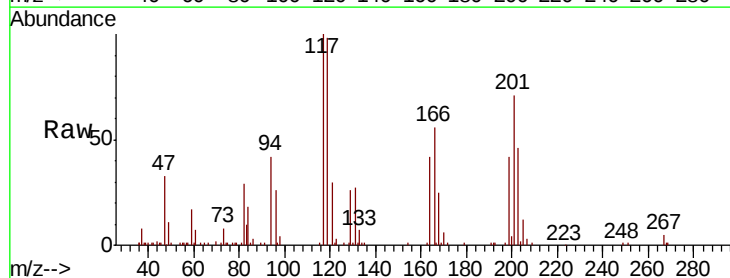
Acq: 18 Jan 2019 12:35

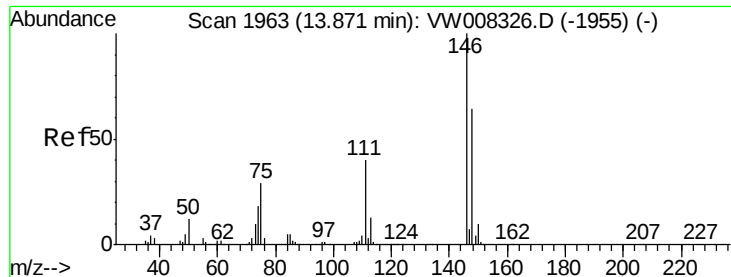
Tgt Ion: 117 Resp: 17954

Ion Ratio Lower Upper

117 100

201 70.8 39.3 117.9

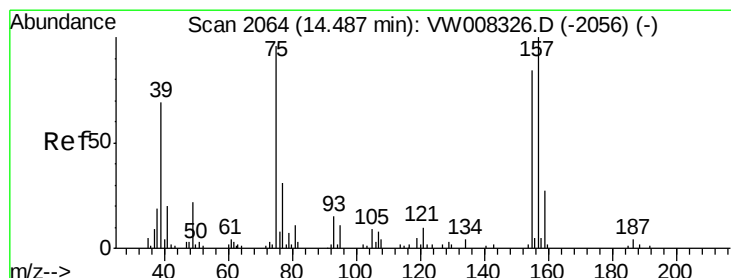
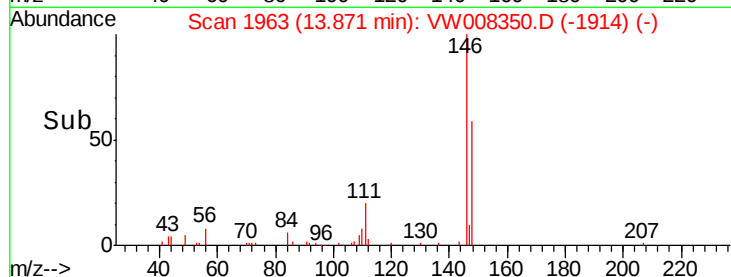
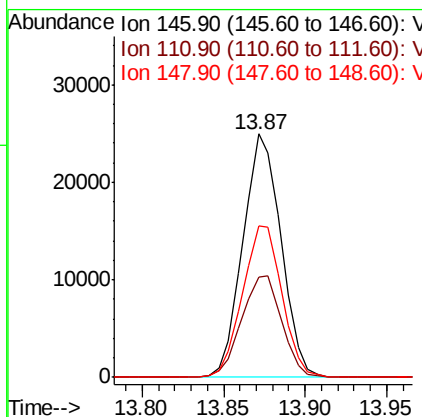
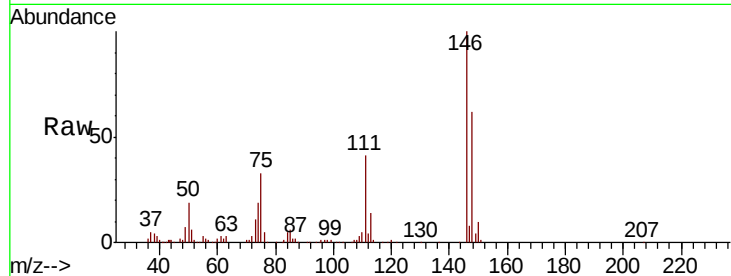




#91
 1,2-Dichlorobenzene
 Concen: 19.988 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

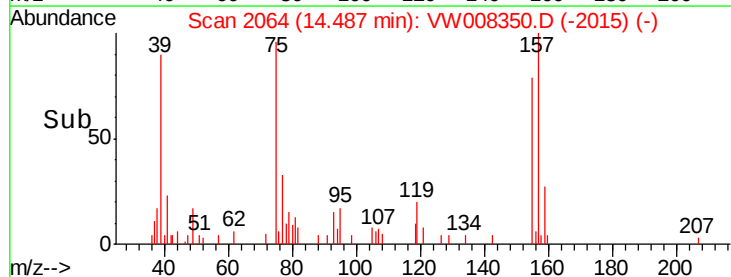
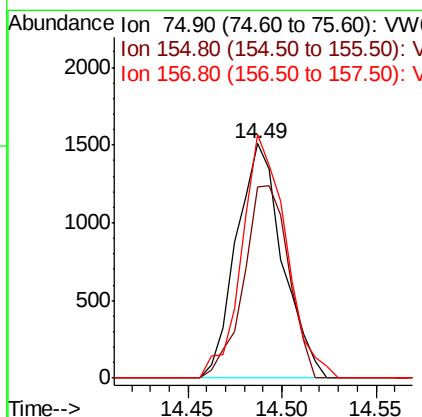
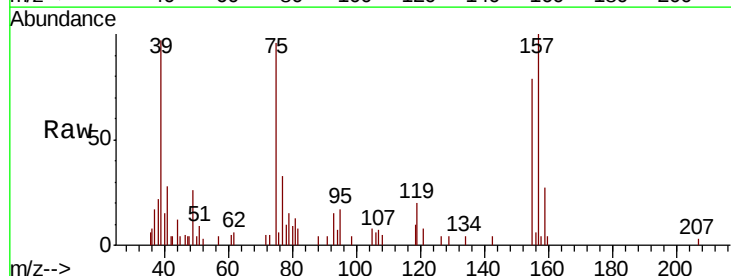
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

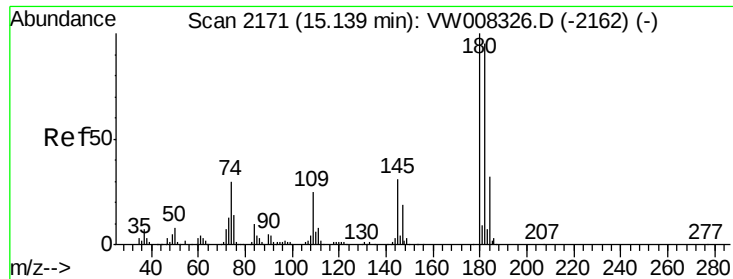
Tgt Ion: 146 Resp: 40620
 Ion Ratio Lower Upper
 146 100
 111 44.1 19.6 58.8
 148 64.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.099 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion: 75 Resp: 2562
 Ion Ratio Lower Upper
 75 100
 155 79.6 44.7 134.1
 157 99.3 53.9 161.8

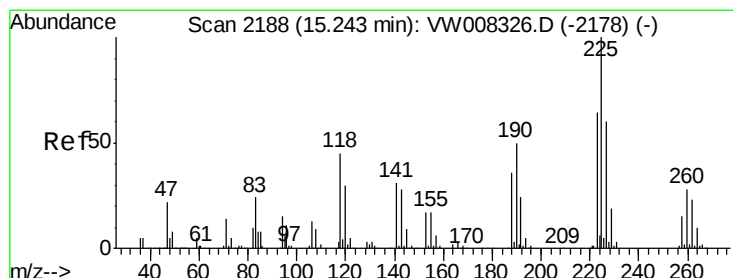
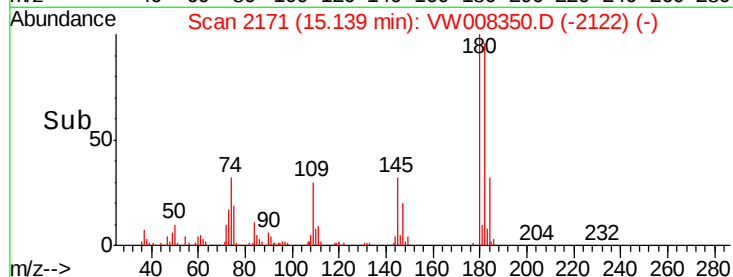
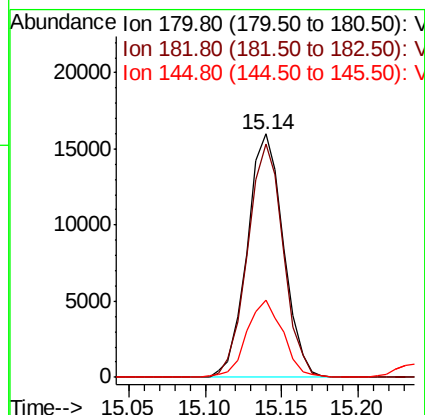
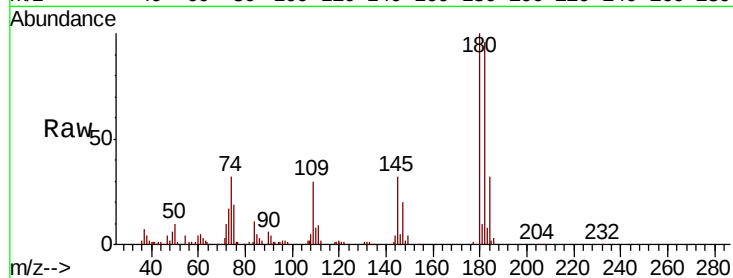




#93
 1,2,4-Trichlorobenzene
 Concen: 19.135 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

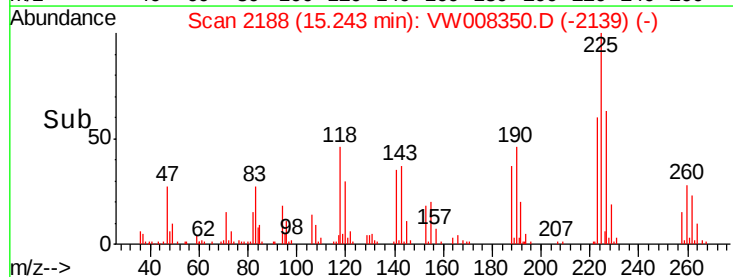
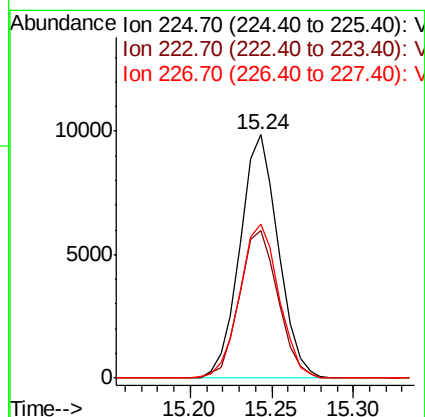
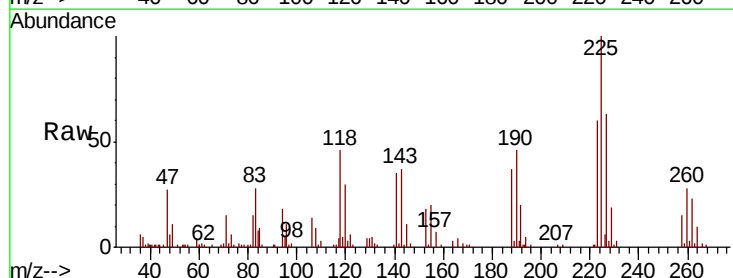
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

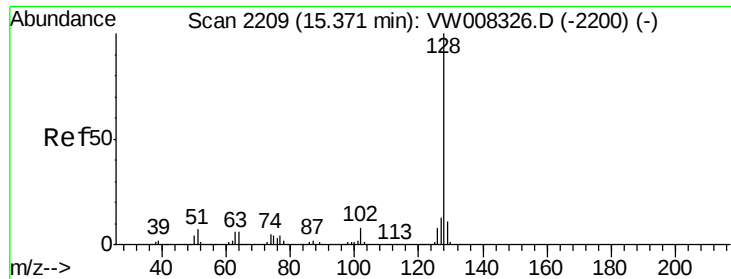
Tgt Ion:180 Resp: 26324
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.6 142.8
 145 31.9 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 20.789 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008350.D
 Acq: 18 Jan 2019 12:35

Tgt Ion:225 Resp: 16118
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.3
 227 64.7 30.3 90.8

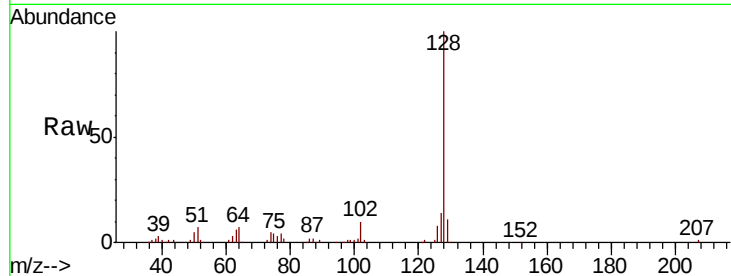




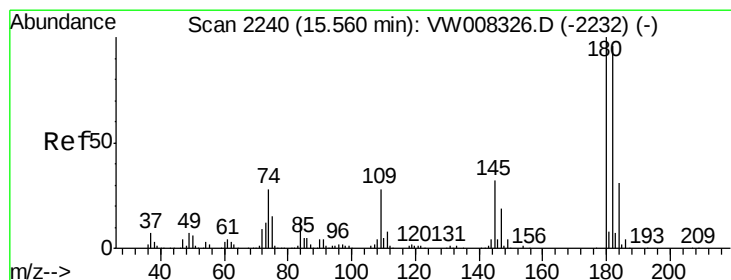
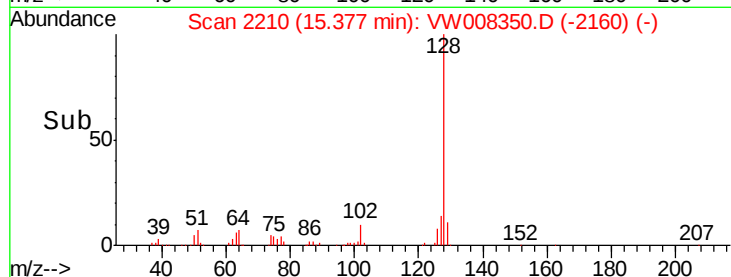
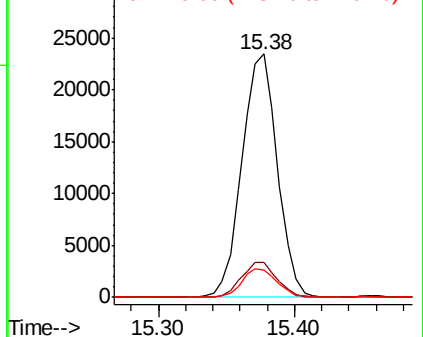
#95
Naphthalene
Concen: 18.346 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tgt Ion:128 Resp: 42683
Ion Ratio Lower Upper
128 100
127 14.4 10.5 15.7
129 11.6 8.8 13.2

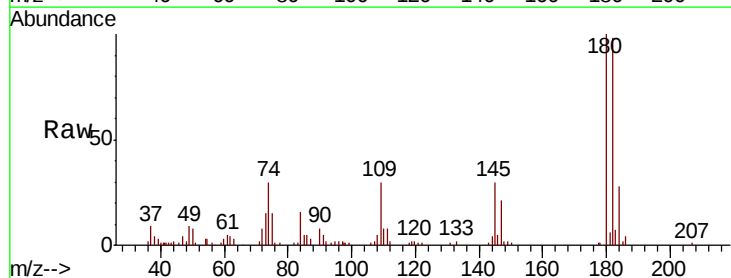


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.627 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008350.D
Acq: 18 Jan 2019 12:35

Tgt Ion:180 Resp: 22320
Ion Ratio Lower Upper
180 100
182 97.4 47.3 141.9
145 33.5 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

