

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009079.D
 Acq On : 11 Mar 2019 11:56
 Operator : SY/VA
 Sample : VW0311SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

Quant Time: Mar 12 08:08:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216223	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138937	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	7.88	113	125480	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.32	98	514706	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.62	95	191433	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	63720	22.204	ug/l	96
3) Chloromethane	2.21	50	75546	20.722	ug/l	99
4) Vinyl Chloride	2.35	62	73978	19.995	ug/l	96
5) Bromomethane	2.76	94	71936	23.034	ug/l	99
6) Chloroethane	2.91	64	51413	19.520	ug/l	98
7) Trichlorofluoromethane	3.26	101	98539	20.686	ug/l	95
8) Diethyl Ether	3.68	74	25690	17.637	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59758	20.142	ug/l	97
10) Methyl Iodide	4.27	142	44001	15.988	ug/l	98
11) Tert butyl alcohol	5.18	59	18633	84.872	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	50844	19.867	ug/l	97
13) Acrolein	3.90	56	18292	75.717	ug/l	95
14) Allyl chloride	4.67	41	85753	18.996	ug/l	98
15) Acrylonitrile	5.37	53	52905	83.221	ug/l	99
16) Acetone	4.14	43	55036	85.129	ug/l	96
17) Carbon Disulfide	4.38	76	170951	19.853	ug/l	100
18) Methyl Acetate	4.68	43	22488	15.127	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	116915	17.270	ug/l	96
20) Methylene Chloride	4.91	84	67136	18.676	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	56990	19.286	ug/l	97
22) Diisopropyl ether	6.31	45	167248	18.643	ug/l	96
23) Vinyl Acetate	6.26	43	484669	86.817	ug/l	100
24) 1,1-Dichloroethane	6.21	63	103763	19.941	ug/l	97
25) 2-Butanone	7.18	43	71983	80.565	ug/l	95
26) 2,2-Dichloropropane	7.17	77	98026	20.725	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	59913	18.878	ug/l	96
28) Bromochloromethane	7.51	49	41585	19.213	ug/l	98
29) Tetrahydrofuran	7.53	42	44810	79.585	ug/l	97
30) Chloroform	7.68	83	104339	19.476	ug/l	92
31) Cyclohexane	7.96	56	104888	19.631	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	99753	20.177	ug/l	100
36) 1,1-Dichloropropene	8.08	75	85290	20.072	ug/l	99
37) Ethyl Acetate	7.26	43	31294	15.679	ug/l	96
38) Carbon Tetrachloride	8.07	117	92870	21.163	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97644	19.293	ug/l	95
40) Benzene	8.32	78	224666	19.807	ug/l	99
41) Methacrylonitrile	7.49	41	17590	15.871	ug/l	97
42) 1,2-Dichloroethane	8.40	62	68791	18.785	ug/l	99
43) Isopropyl Acetate	8.42	43	59491	16.004	ug/l	95
44) Trichloroethene	9.09	130	63387	19.938	ug/l	96
45) 1,2-Dichloropropane	9.37	63	54792	19.287	ug/l	99
46) Dibromomethane	9.46	93	27898	17.981	ug/l	97
47) Bromodichloromethane	9.64	83	75755	19.288	ug/l	98
48) Methyl methacrylate	9.43	41	26366	15.233	ug/l	87
49) 1,4-Dioxane	9.46	88	7703	346.708	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	146306	77.528	ug/l	98
52) Toluene	10.38	92	149893	19.485	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	70524	18.156	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	85563	19.168	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39267	18.673	ug/l	92
56) Ethyl methacrylate	10.65	69	39794	15.247	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66078	17.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	117504	86.848	ug/l	98
59) 2-Hexanone	10.97	43	105532	79.538	ug/l	99
60) Dibromochloromethane	11.13	129	49923	19.183	ug/l	99
61) 1,2-Dibromoethane	11.23	107	36003	17.464	ug/l	98
64) Tetrachloroethene	10.86	164	55284	19.896	ug/l	96
65) Chlorobenzene	11.66	112	161133	19.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54470	19.452	ug/l	98
67) Ethyl Benzene	11.73	91	292113	19.281	ug/l	99
68) m/p-Xylenes	11.84	106	236771	39.593	ug/l	98
69) o-Xylene	12.16	106	107341	19.291	ug/l	96
70) Styrene	12.18	104	170436	18.932	ug/l	99
71) Bromoform	12.35	173	27248	18.122	ug/l #	99
73) Isopropylbenzene	12.46	105	294581	19.025	ug/l	99
74) N-amyl acetate	12.27	43	56512	15.417	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	41925	17.165	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	58664	34.340	ug/l #	1
77) Bromobenzene	12.75	156	67466	19.069	ug/l	94
78) n-propylbenzene	12.80	91	371431	19.475	ug/l	100
79) 2-Chlorotoluene	12.90	91	207818	19.394	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	258618	19.377	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12168	15.932	ug/l	93
82) 4-Chlorotoluene	12.99	91	219725	19.236	ug/l	99
83) tert-Butylbenzene	13.21	119	217692	19.339	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	259592	19.227	ug/l	100
85) sec-Butylbenzene	13.38	105	321847	19.298	ug/l	99
86) p-Isopropyltoluene	13.50	119	283922	19.030	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	143764	19.336	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	139860	19.034	ug/l	97
89) n-Butylbenzene	13.83	91	274356	19.343	ug/l	98
90) Hexachloroethane	14.10	117	50819	19.749	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	123980	18.900	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7071	16.255	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration

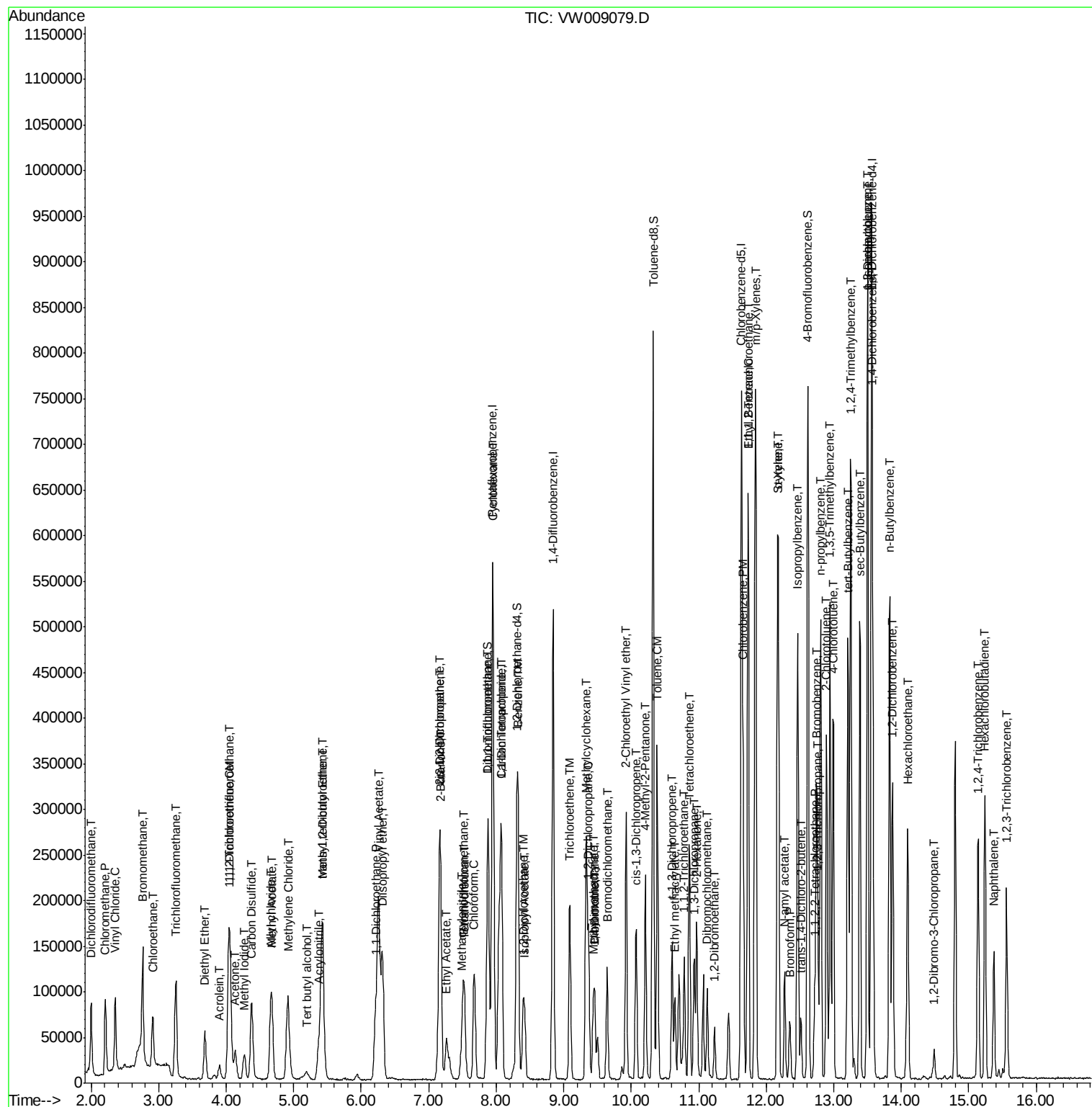
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	81104	18.307	ug/l	99
94) Hexachlorobutadiene	15.24	225	57034	20.553	ug/l	99
95) Naphthalene	15.37	128	114382	15.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	70595	18.122	ug/l	97

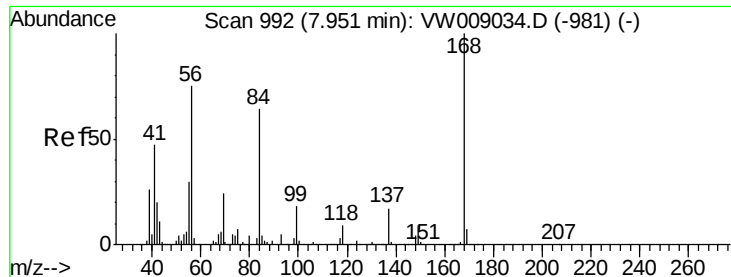
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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 Sample : VW0311SBS01
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

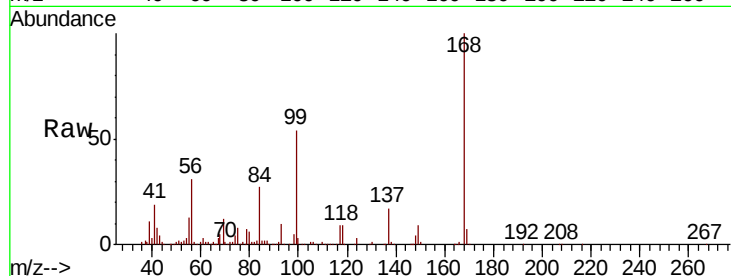
VW0311SBS01

Tgt Ion:168 Resp: 284758

Ion Ratio Lower Upper

168 100

99 54.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

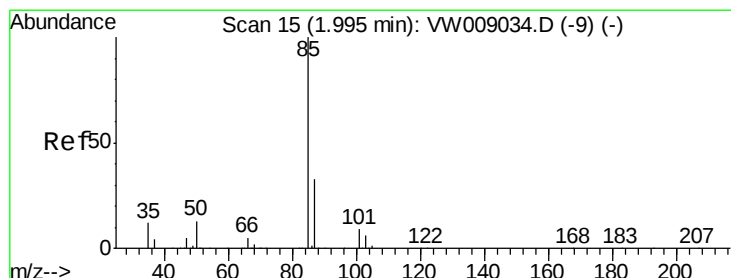
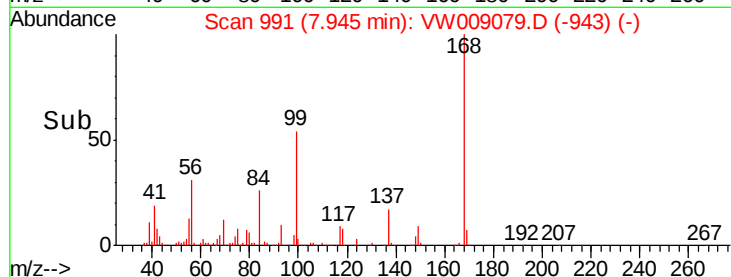
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.204 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW009079.D

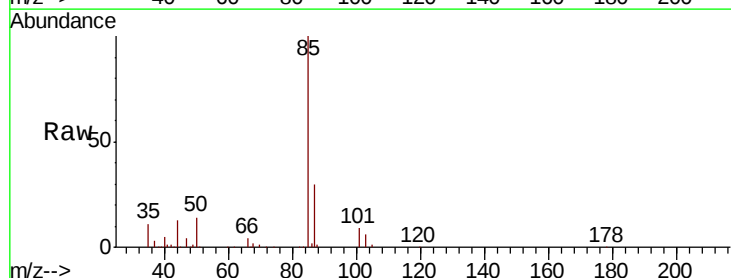
Acq: 11 Mar 2019 11:56

Tgt Ion: 85 Resp: 63720

Ion Ratio Lower Upper

85 100

87 30.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

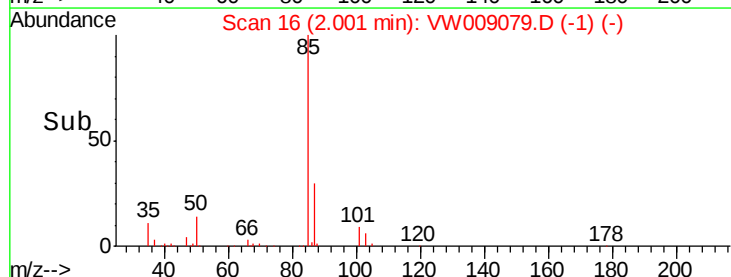
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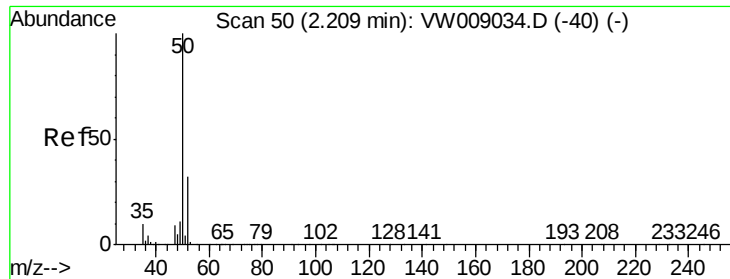
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.722 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

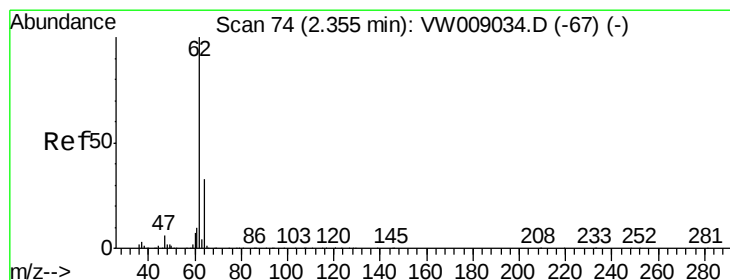
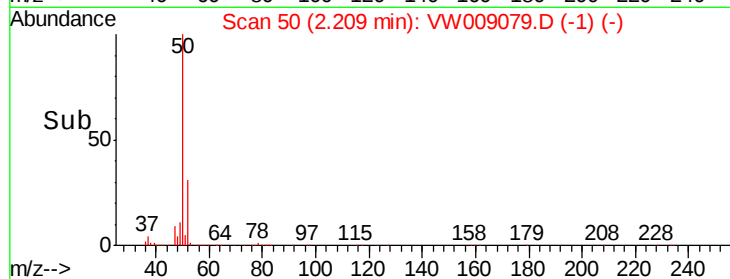
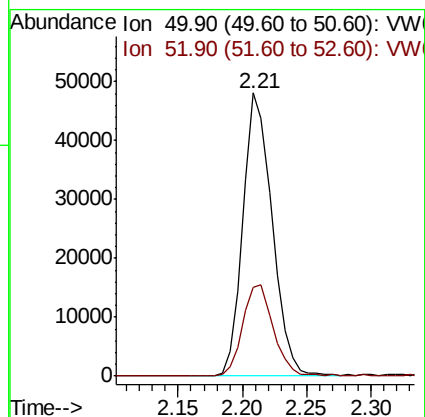
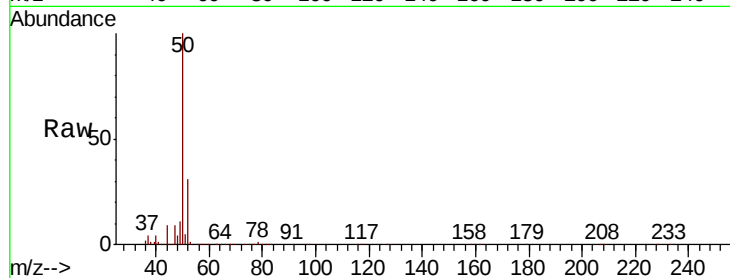
VW0311SBS01

Tgt Ion: 50 Resp: 75546

Ion Ratio Lower Upper

50 100

52 31.4 25.4 38.2



#4

Vinyl Chloride

Concen: 19.995 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009079.D

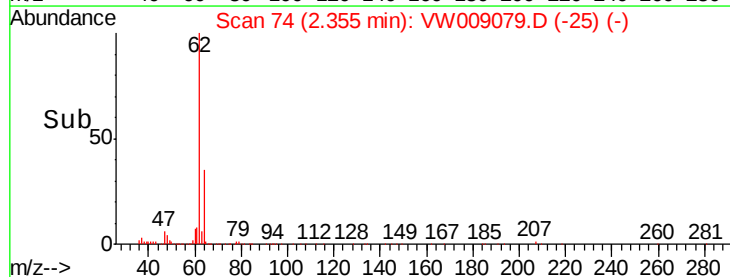
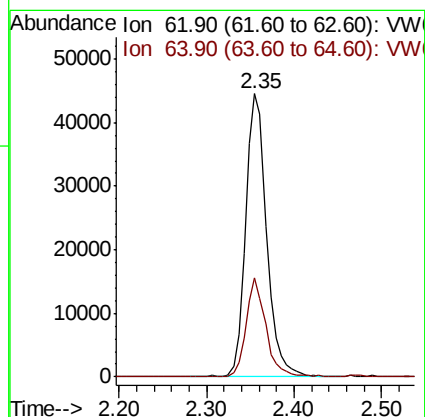
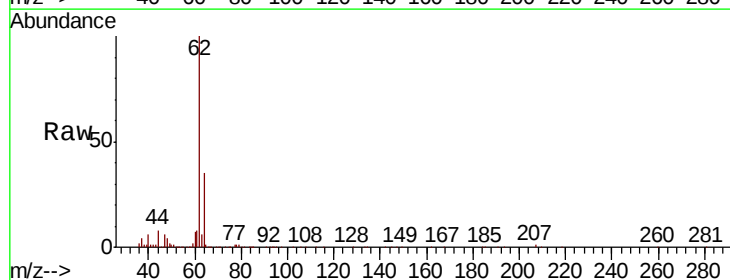
Acq: 11 Mar 2019 11:56

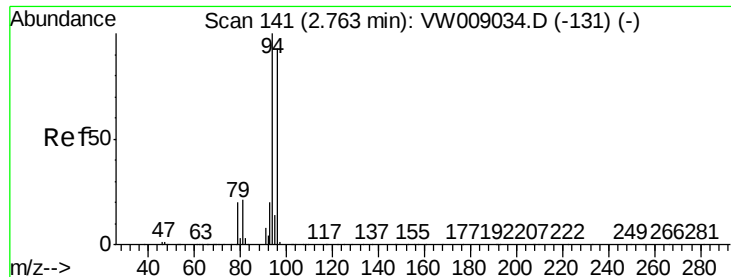
Tgt Ion: 62 Resp: 73978

Ion Ratio Lower Upper

62 100

64 34.8 26.0 39.0





#5

Bromomethane

Concen: 23.034 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

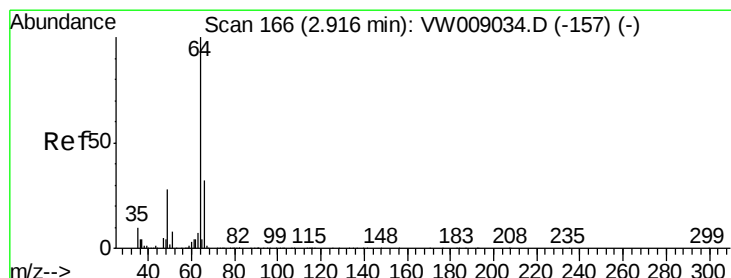
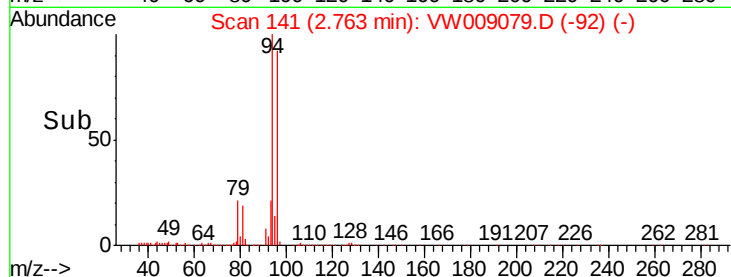
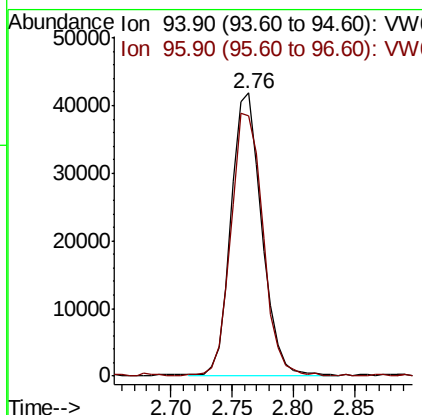
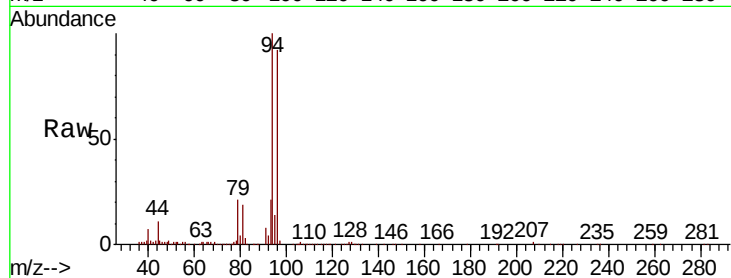
VW0311SBS01

Tgt Ion: 94 Resp: 71936

Ion Ratio Lower Upper

94 100

96 91.9 74.4 111.6



#6

Chloroethane

Concen: 19.520 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009079.D

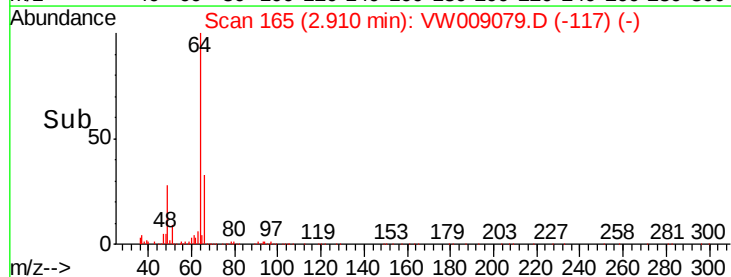
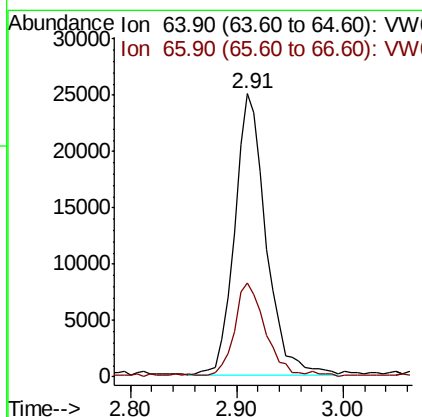
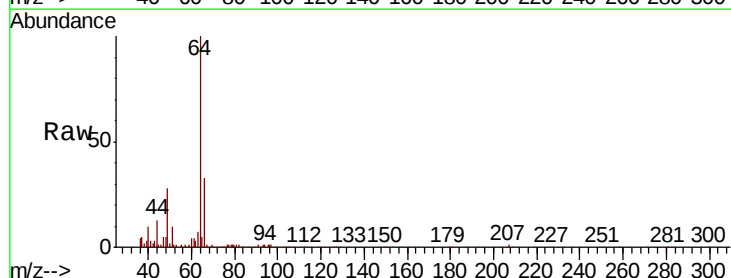
Acq: 11 Mar 2019 11:56

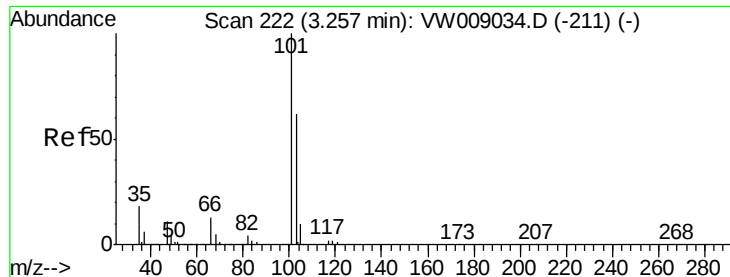
Tgt Ion: 64 Resp: 51413

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3



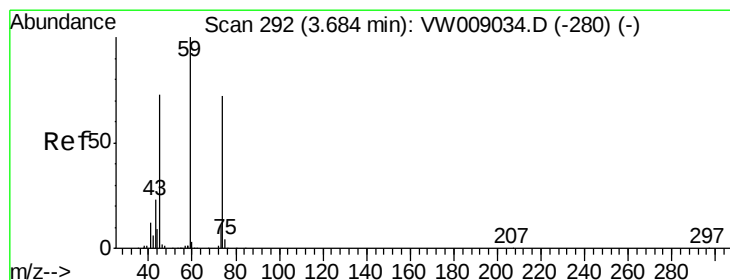
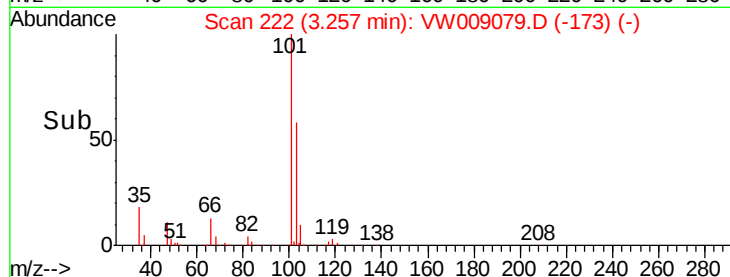
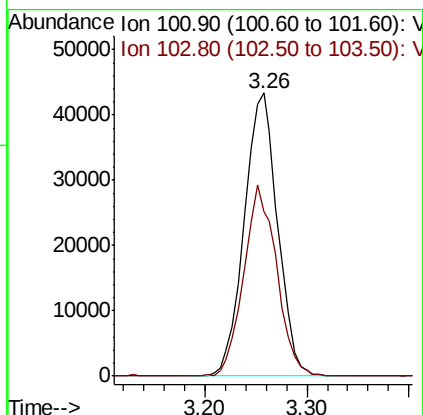
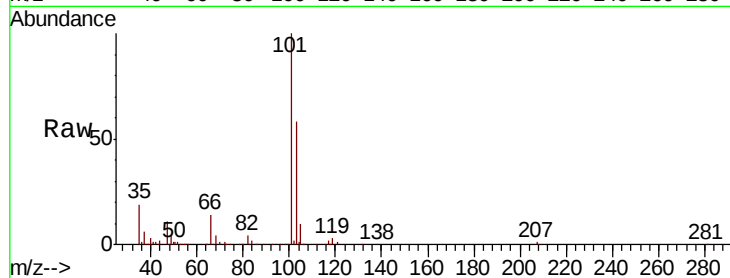


#7

Trichlorofluoromethane
 Concen: 20.686 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Instrument :
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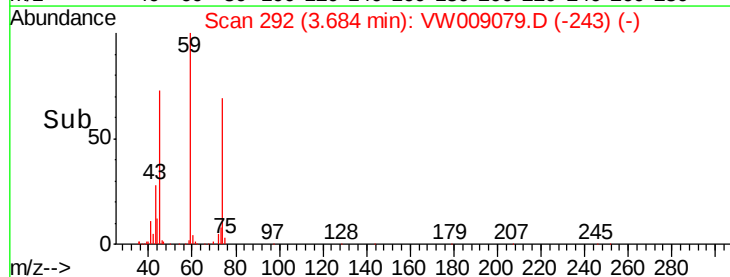
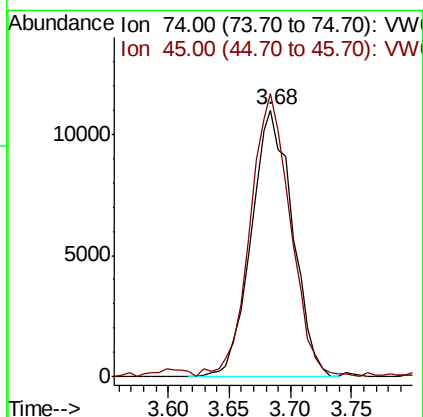
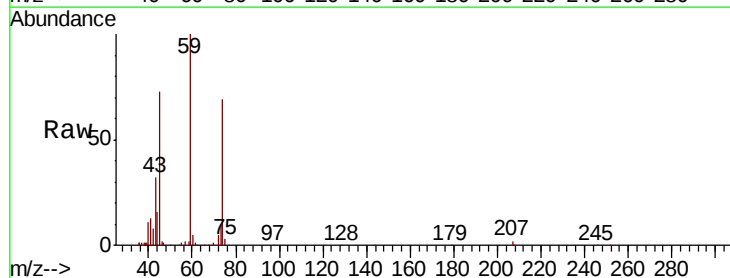
Tgt Ion:101 Resp: 98539
 Ion Ratio Lower Upper
 101 100
 103 58.3 49.9 74.9

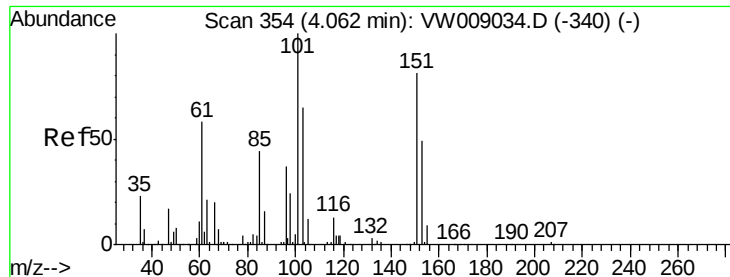


#8

Diethyl Ether
 Concen: 17.637 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion: 74 Resp: 25690
 Ion Ratio Lower Upper
 74 100
 45 104.3 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.142 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

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VW0311SBS01

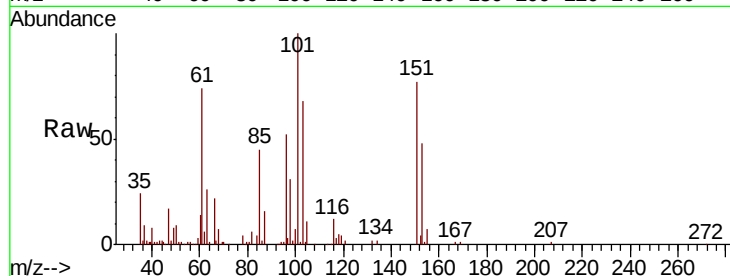
Tgt Ion:101 Resp: 59758

Ion Ratio Lower Upper

101 100

85 47.7 36.2 54.4

151 81.8 63.4 95.2

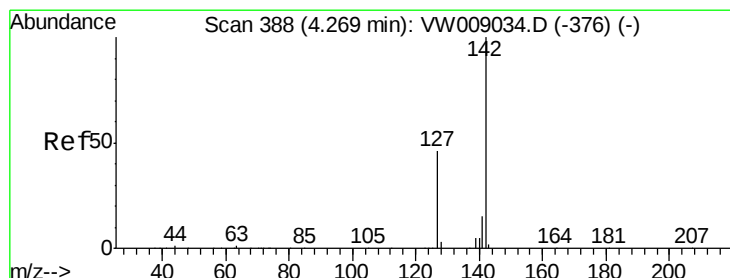
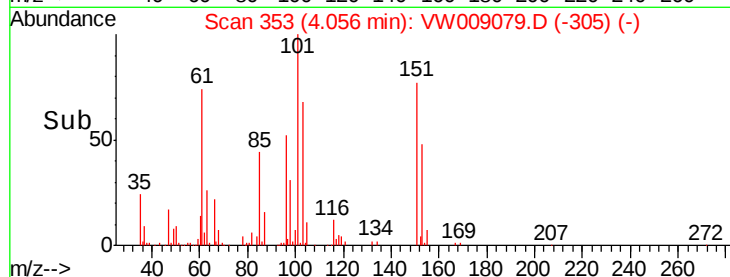
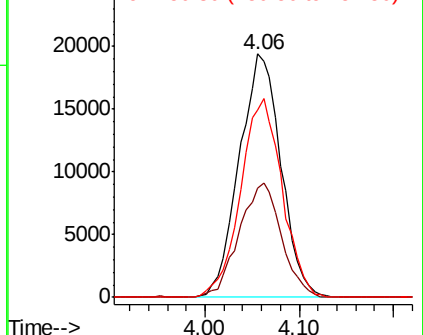


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.988 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

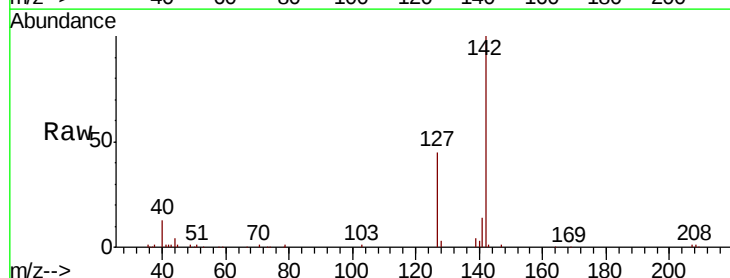
Tgt Ion:142 Resp: 44001

Ion Ratio Lower Upper

142 100

127 46.3 35.8 53.6

141 14.7 11.8 17.8

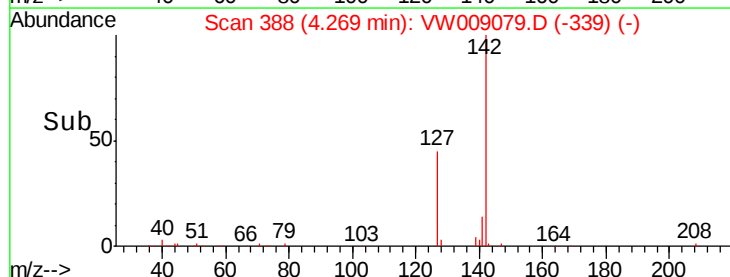
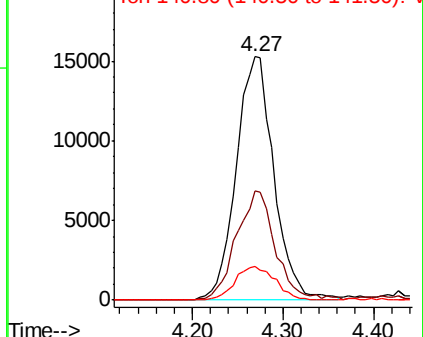


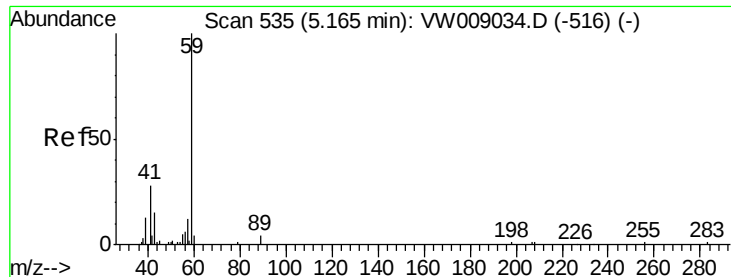
Abundance

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

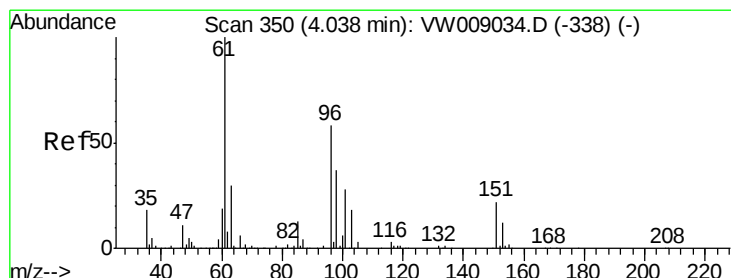
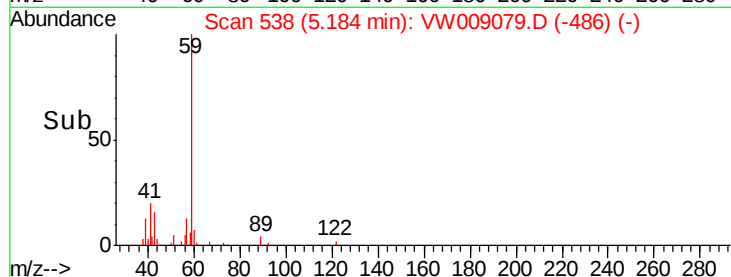
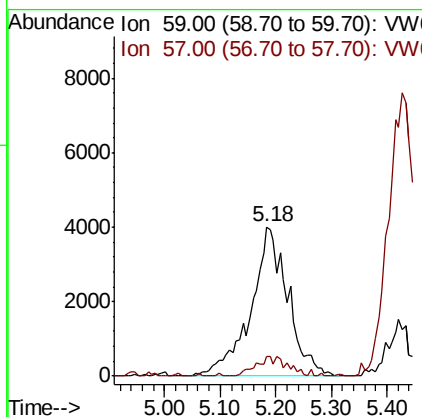
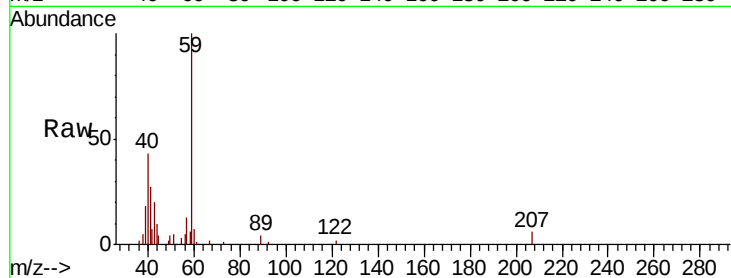




#11
Tert butyl alcohol
Concen: 84.872 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

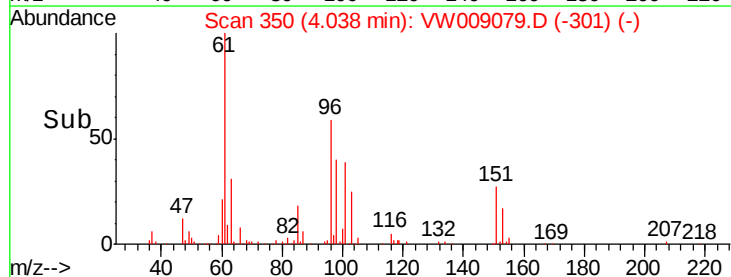
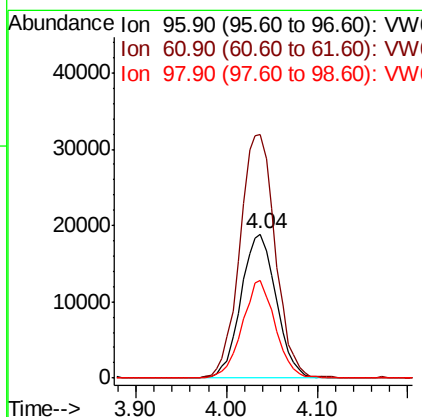
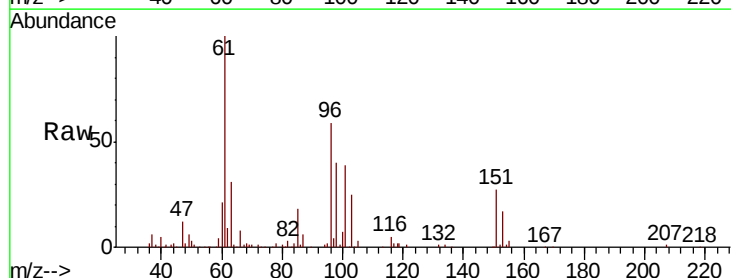
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

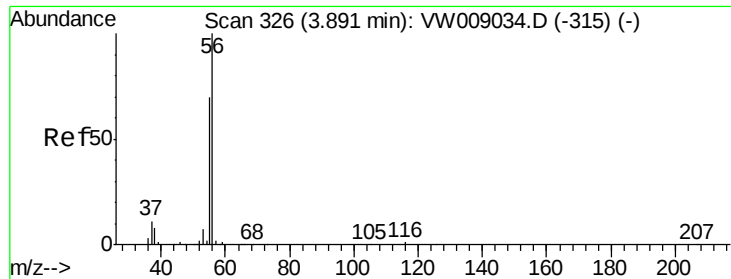
Tgt Ion: 59 Resp: 18633
Ion Ratio Lower Upper
59 100
57 6.3 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 19.867 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 96 Resp: 50844
Ion Ratio Lower Upper
96 100
61 169.1 138.2 207.2
98 68.2 51.3 76.9





#13

Acrolein

Concen: 75.717 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

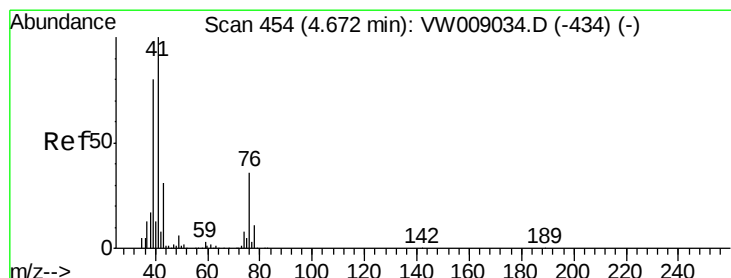
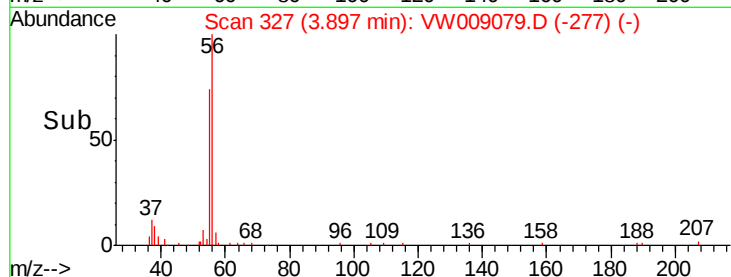
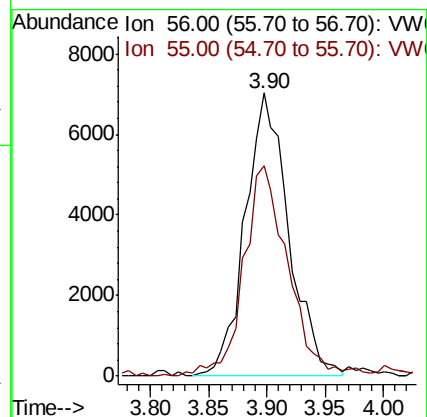
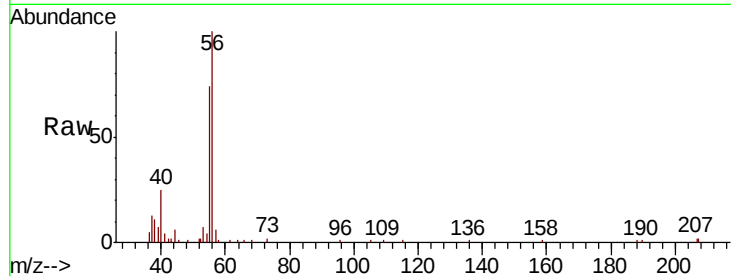
VW0311SBS01

Tgt Ion: 56 Resp: 18292

Ion Ratio Lower Upper

56 100

55 74.5 56.6 84.8



#14

Allyl chloride

Concen: 18.996 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

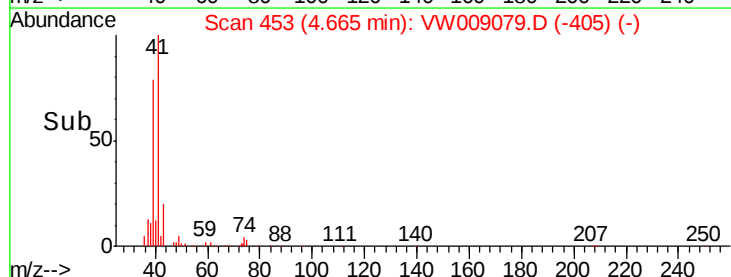
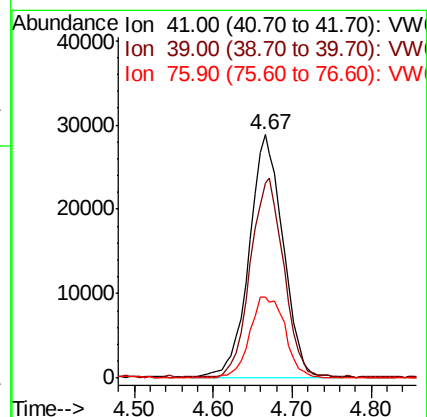
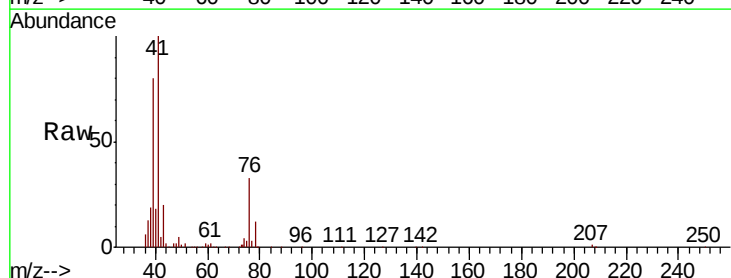
Tgt Ion: 41 Resp: 85753

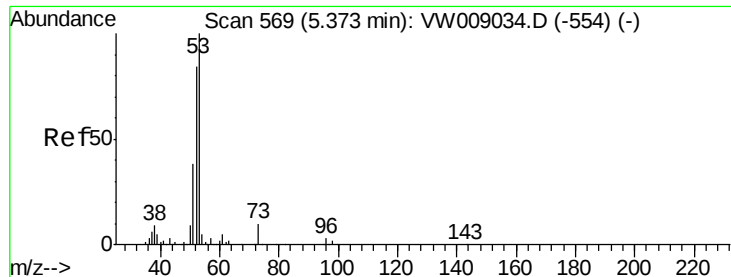
Ion Ratio Lower Upper

41 100

39 80.8 63.0 94.4

76 35.0 28.2 42.2





#15

Acrylonitrile

Concen: 83.221 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBS01

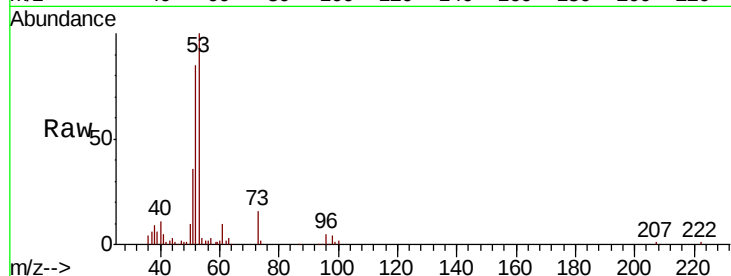
Tgt Ion: 53 Resp: 52905

Ion Ratio Lower Upper

53 100

52 84.6 67.2 100.8

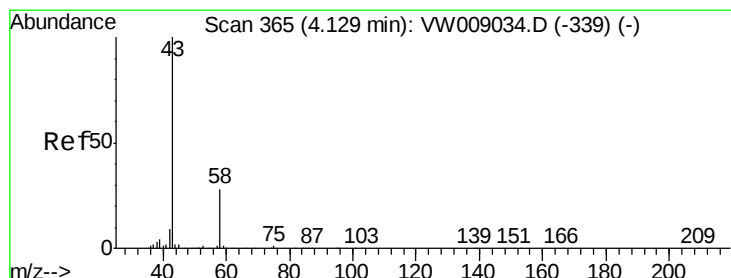
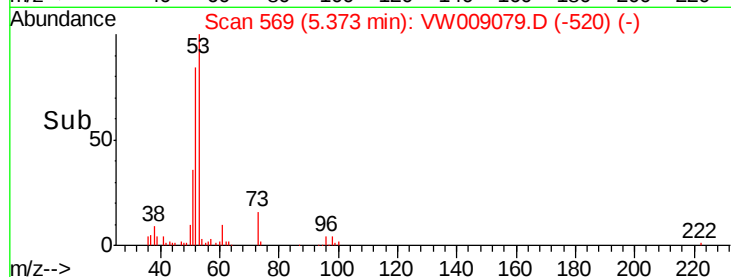
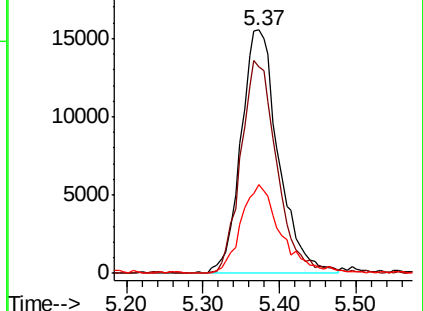
51 38.8 31.8 47.6



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 85.129 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009079.D

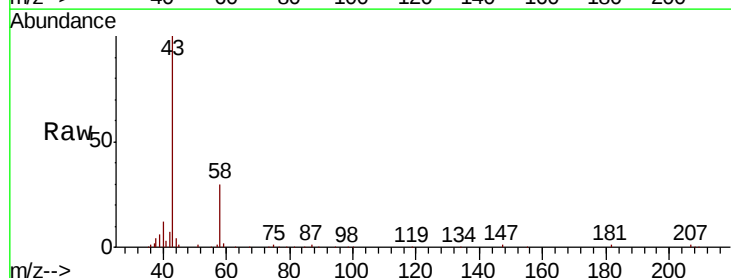
Acq: 11 Mar 2019 11:56

Tgt Ion: 43 Resp: 55036

Ion Ratio Lower Upper

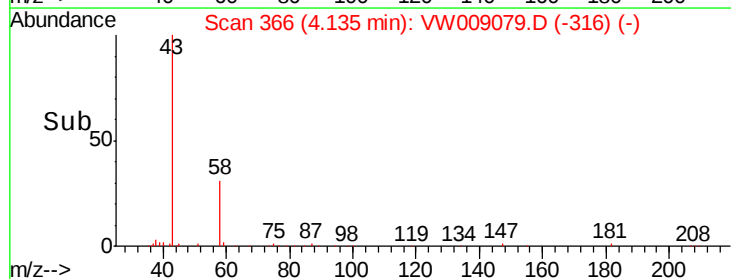
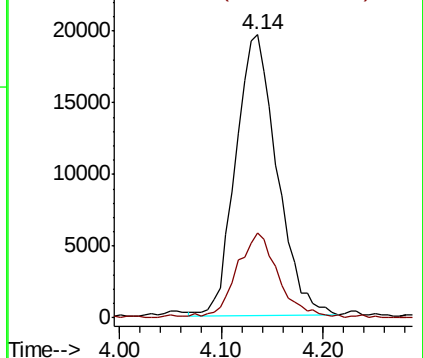
43 100

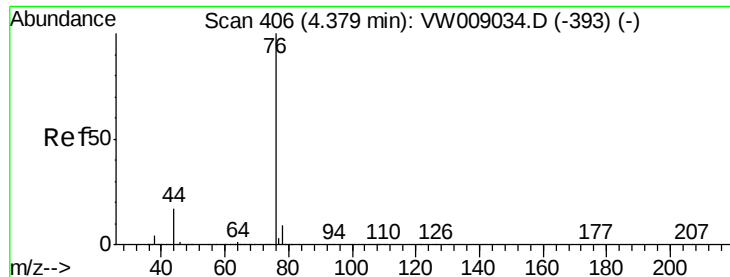
58 30.0 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

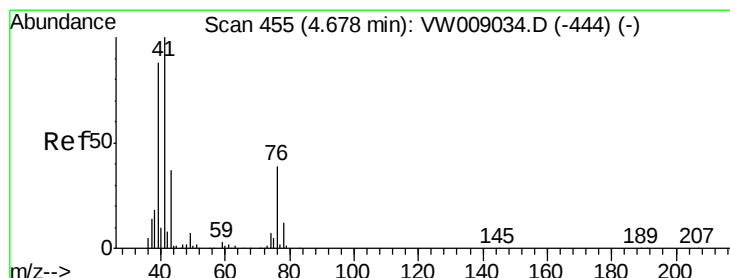
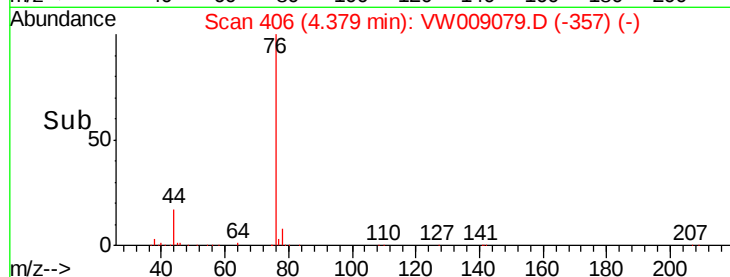
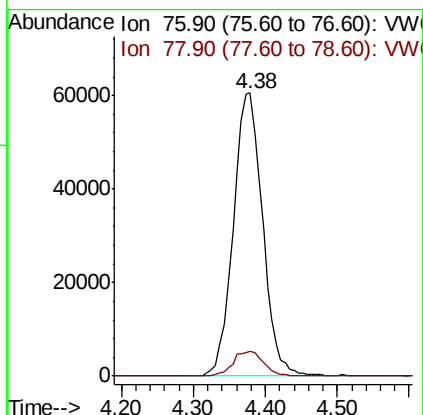
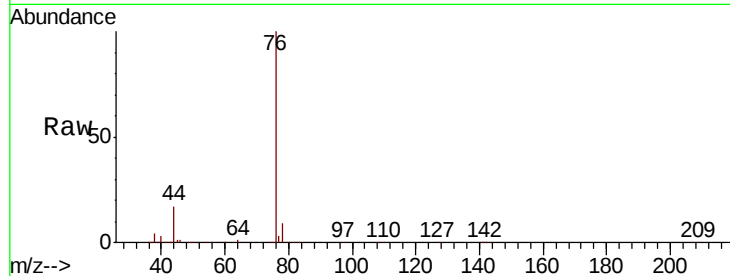




#17
Carbon Disulfide
Concen: 19.853 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

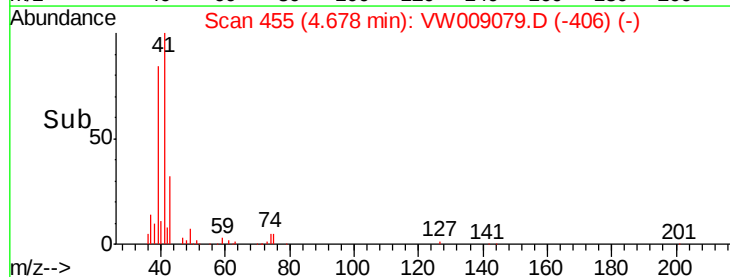
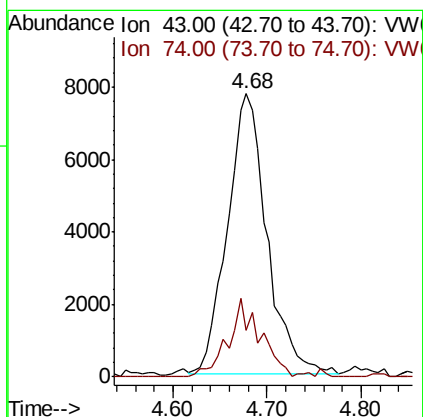
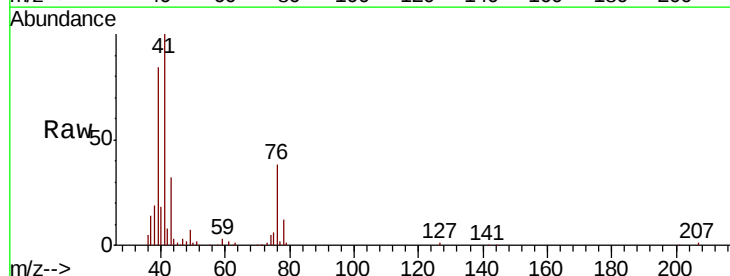
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

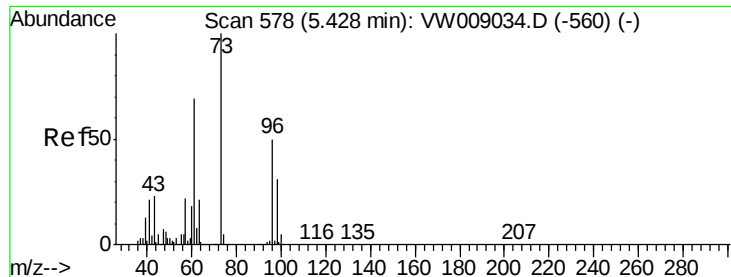
Tgt Ion: 76 Resp: 170951
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 15.127 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 43 Resp: 22488
Ion Ratio Lower Upper
43 100
74 22.8 17.6 26.4



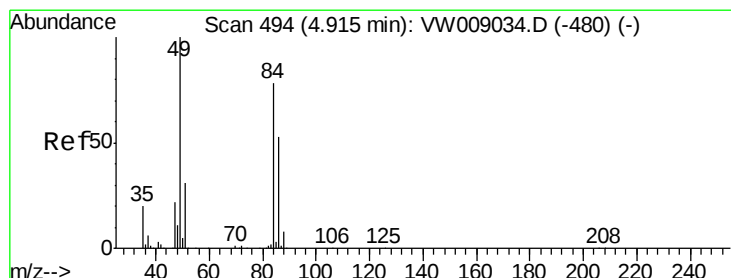
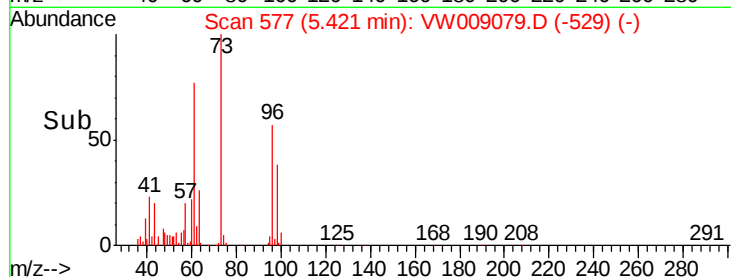
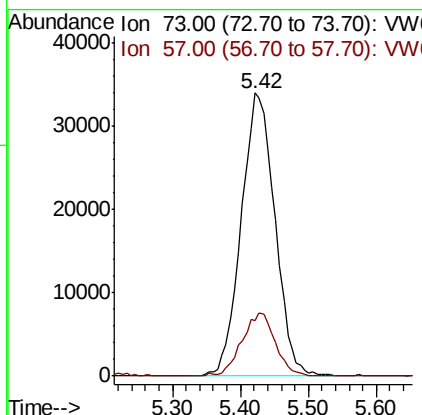
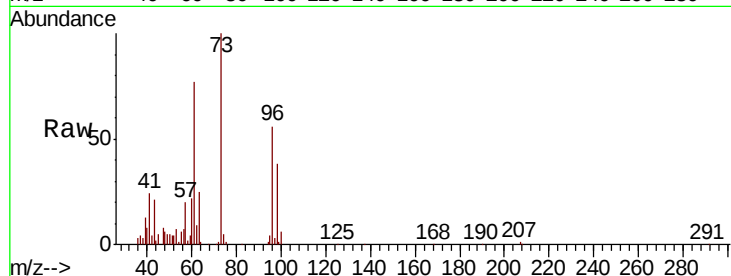


#19

Methyl tert-butyl Ether
 Concen: 17.270 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

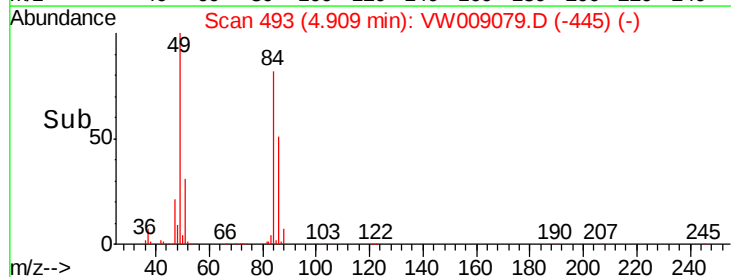
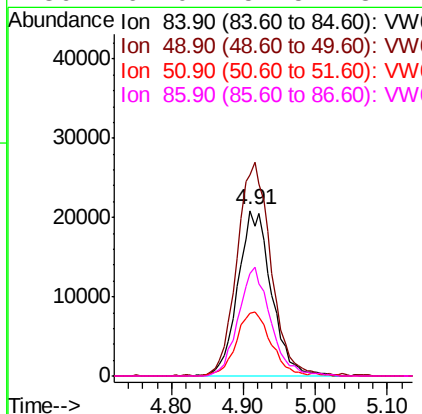
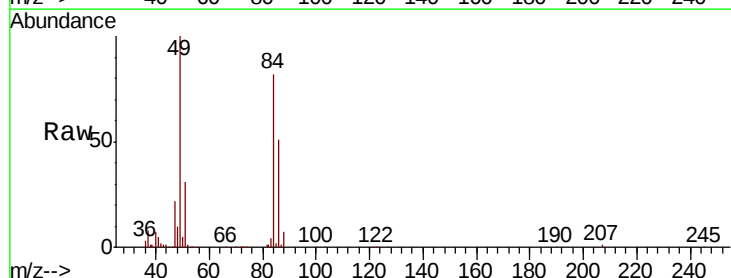
Tgt Ion: 73 Resp: 116915
 Ion Ratio Lower Upper
 73 100
 57 19.7 17.3 25.9

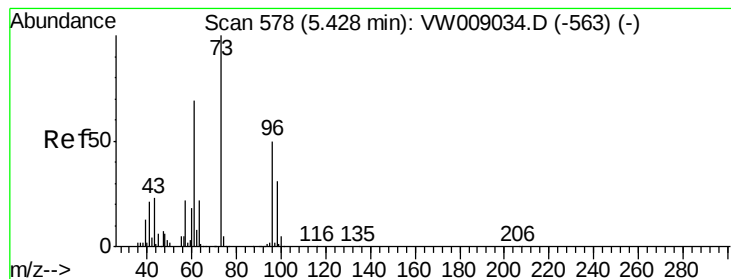


#20

Methylene Chloride
 Concen: 18.676 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion: 84 Resp: 67136
 Ion Ratio Lower Upper
 84 100
 49 121.1 102.4 153.6
 51 38.1 31.6 47.4
 86 62.0 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 19.286 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBS01

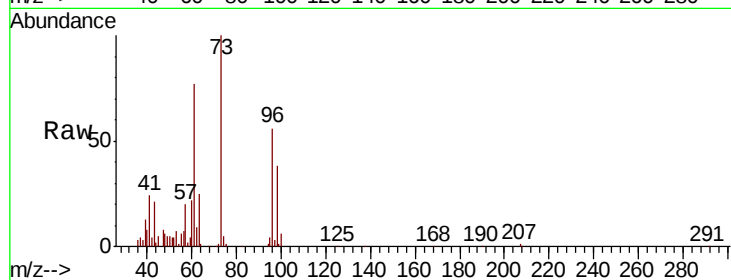
Tgt Ion: 96 Resp: 56990

Ion Ratio Lower Upper

96 100

61 137.1 111.0 166.6

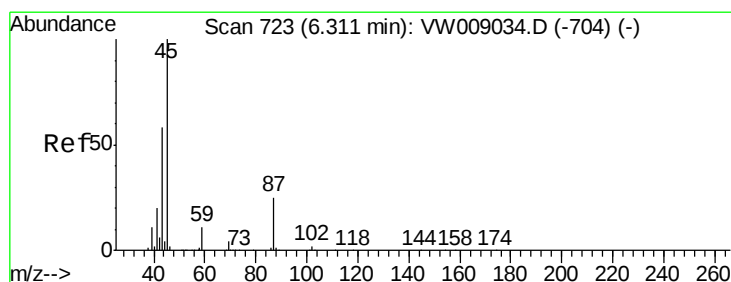
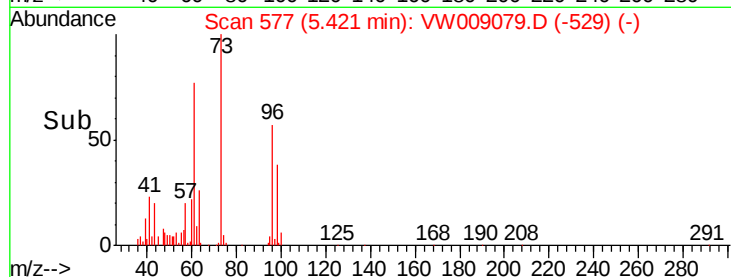
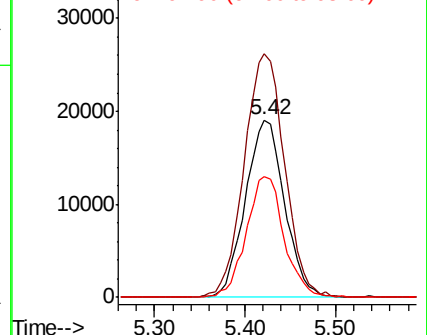
98 68.0 49.4 74.0



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: 18.643 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Tgt Ion: 45 Resp: 167248

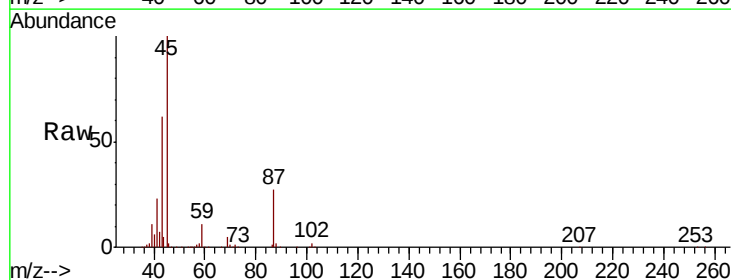
Ion Ratio Lower Upper

45 100

43 61.4 46.2 69.4

87 27.1 20.1 30.1

59 11.0 8.4 12.6

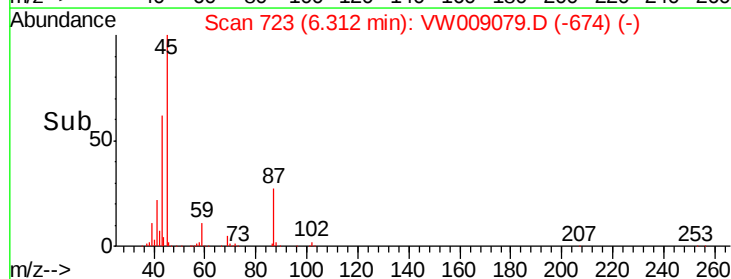
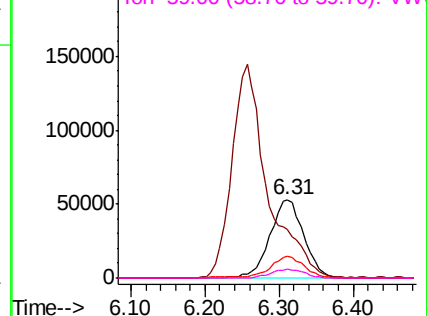


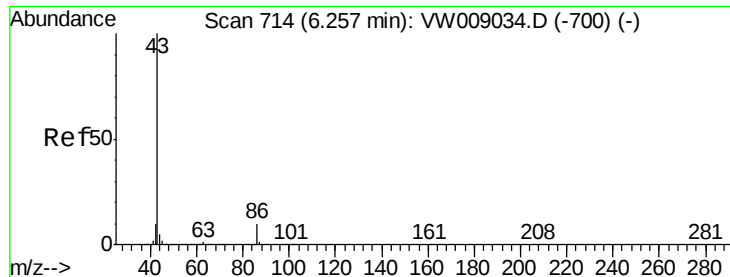
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 86.817 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

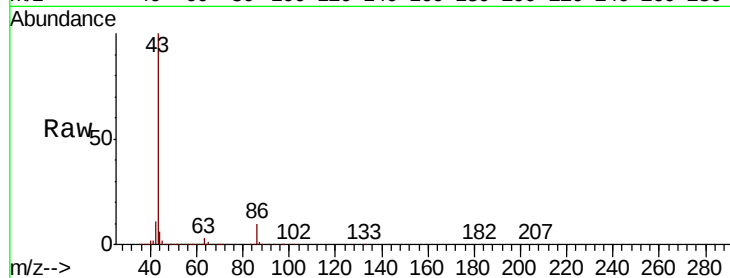
VW0311SBS01

Tgt Ion: 43 Resp: 484669

Ion Ratio Lower Upper

43 100

86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

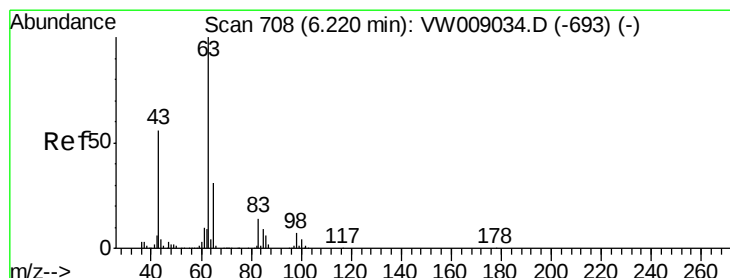
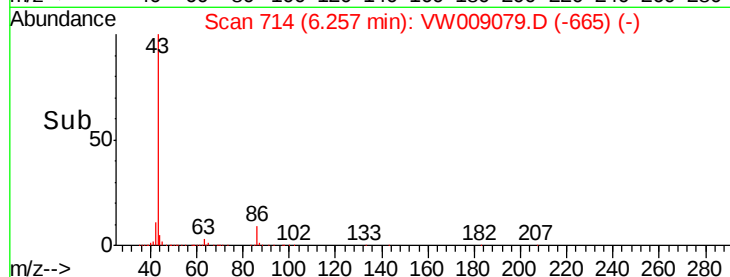
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.941 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

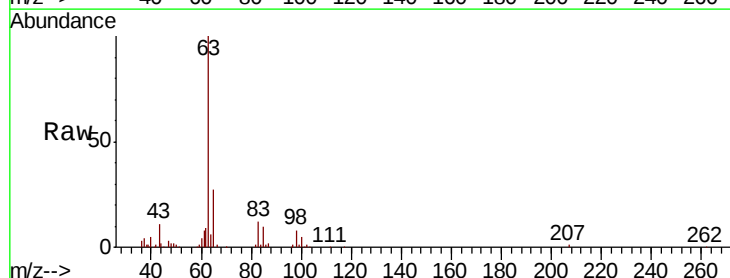
Tgt Ion: 63 Resp: 103763

Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.2

100 4.9 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

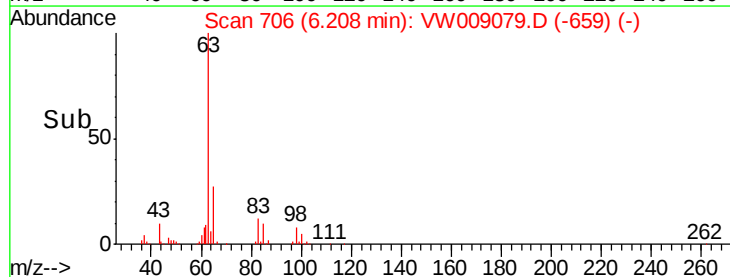
30000

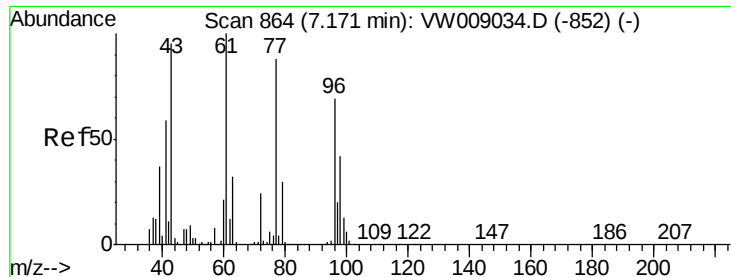
20000

10000

0

Time-->





#25

2-Butanone

Concen: 80.565 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampled :

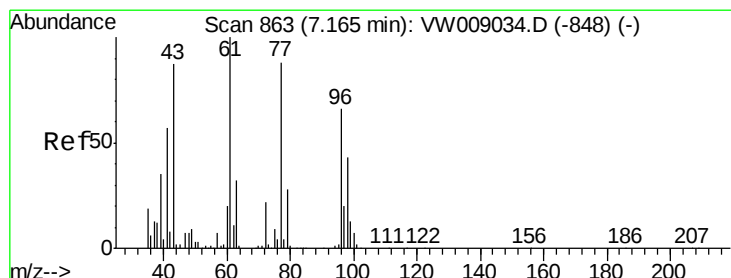
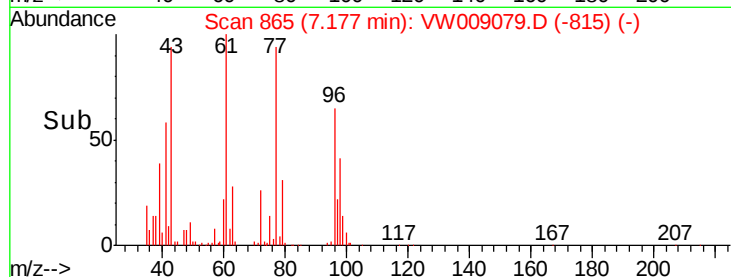
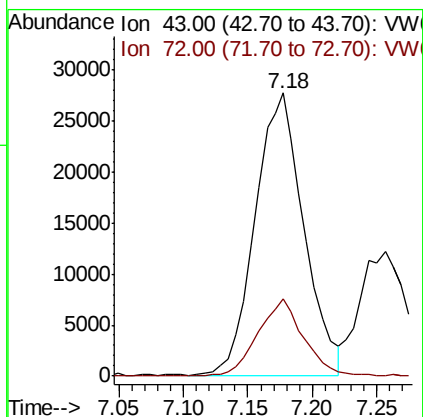
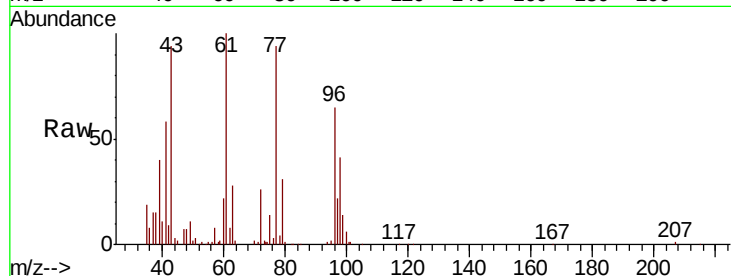
VW0311SBS01

Tgt Ion: 43 Resp: 71983

Ion Ratio Lower Upper

43 100

72 27.5 20.0 30.0



#26

2,2-Dichloropropane

Concen: 20.725 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009079.D

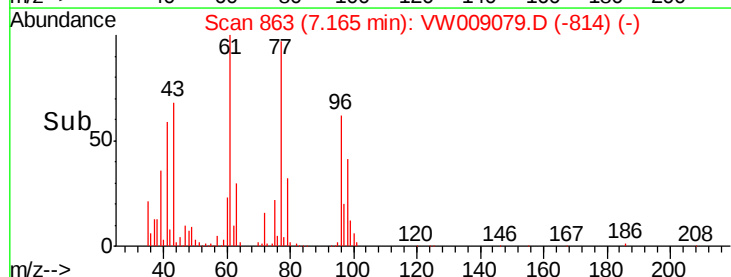
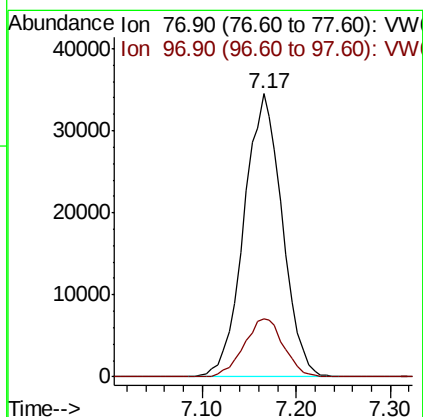
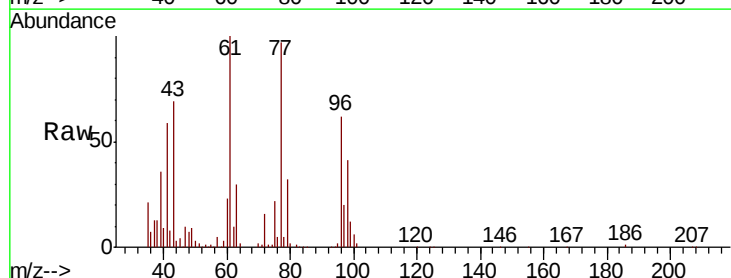
Acq: 11 Mar 2019 11:56

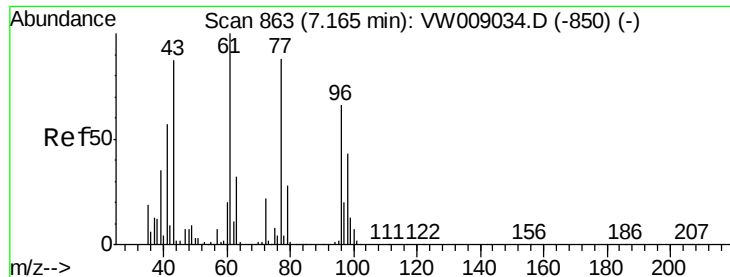
Tgt Ion: 77 Resp: 98026

Ion Ratio Lower Upper

77 100

97 21.2 10.9 32.9



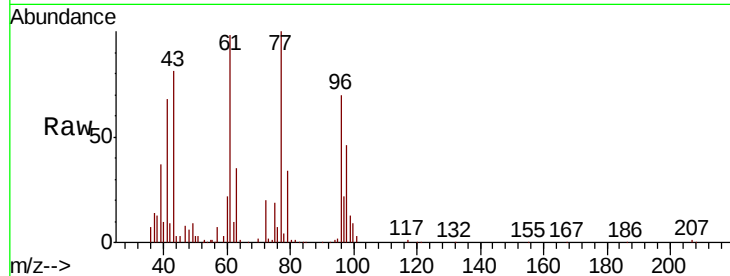


#27

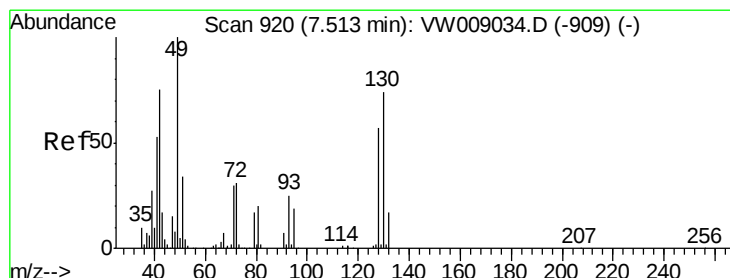
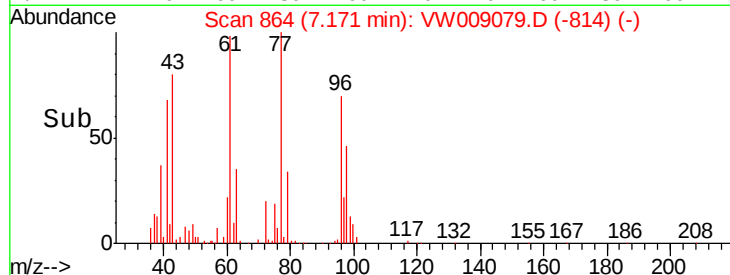
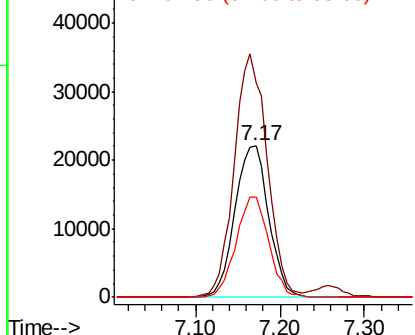
cis-1,2-Dichloroethene
Concen: 18.878 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

Tgt Ion: 96 Resp: 59913
Ion Ratio Lower Upper
96 100
61 156.2 0.0 299.8
98 64.2 0.0 127.2



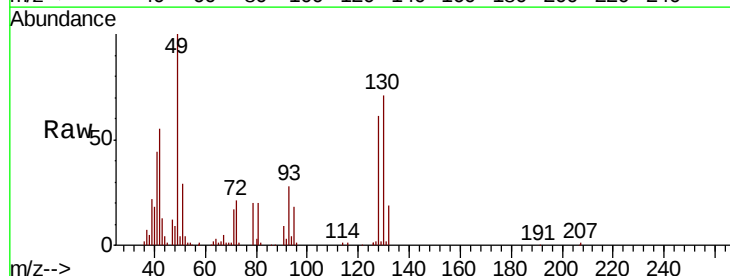
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



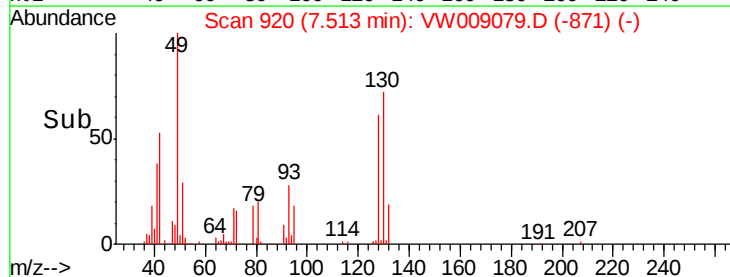
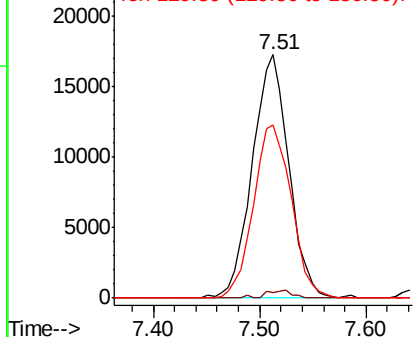
#28

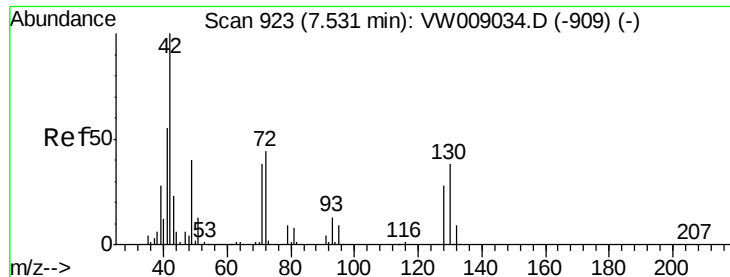
Bromochloromethane
Concen: 19.213 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 49 Resp: 41585
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 73.8 60.4 90.6



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

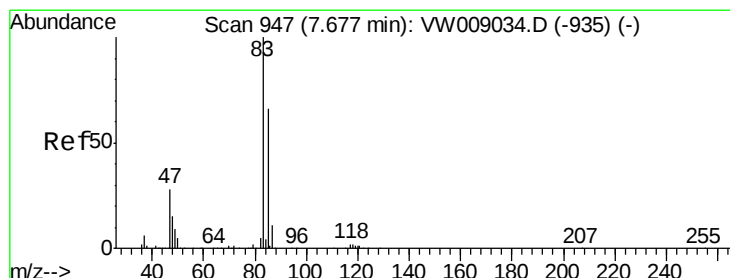
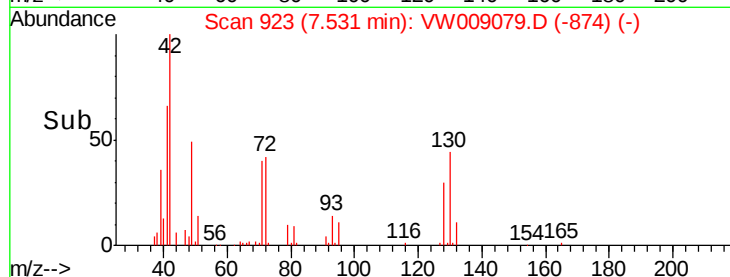
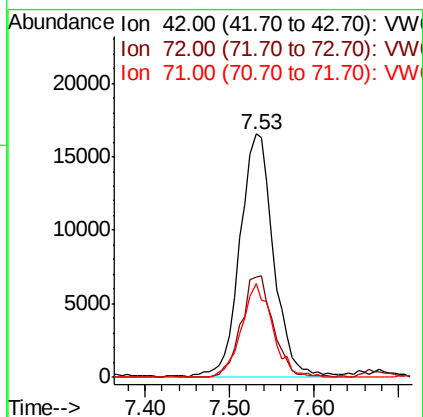
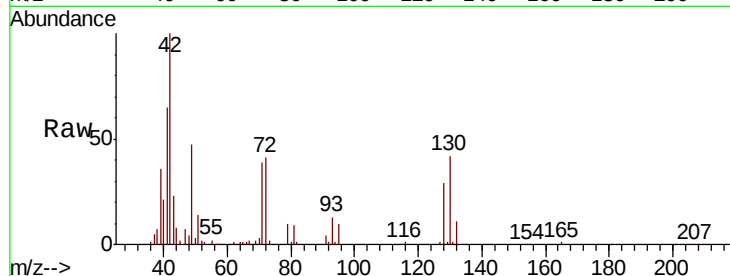




#29
Tetrahydrofuran
Concen: 79.585 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

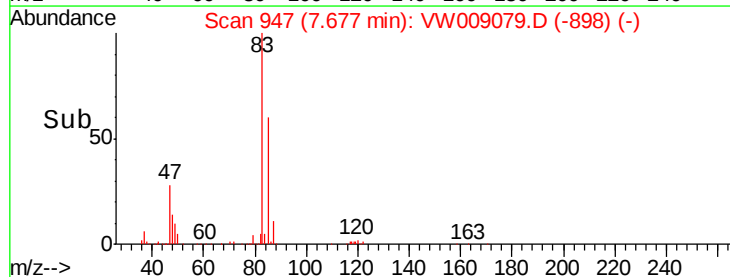
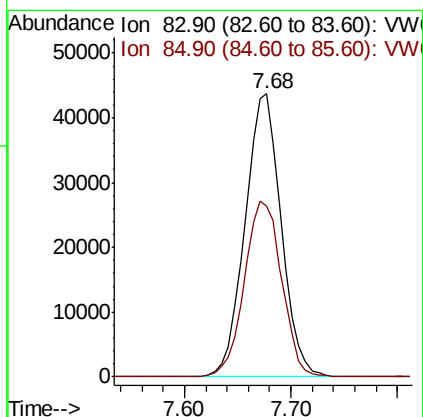
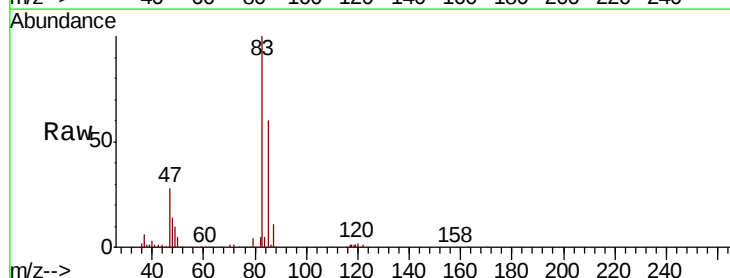
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

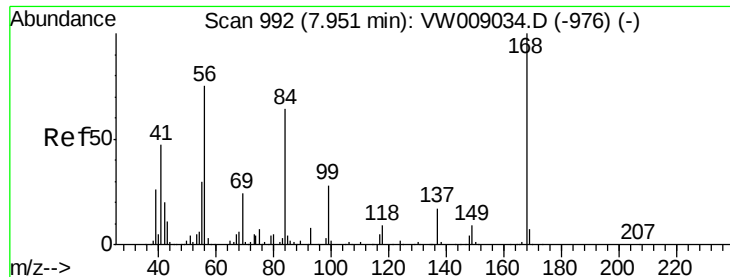
Tgt Ion: 42 Resp: 44810
Ion Ratio Lower Upper
42 100
72 39.3 32.2 48.4
71 35.4 30.7 46.1



#30
Chloroform
Concen: 19.476 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 83 Resp: 104339
Ion Ratio Lower Upper
83 100
85 60.2 53.0 79.6

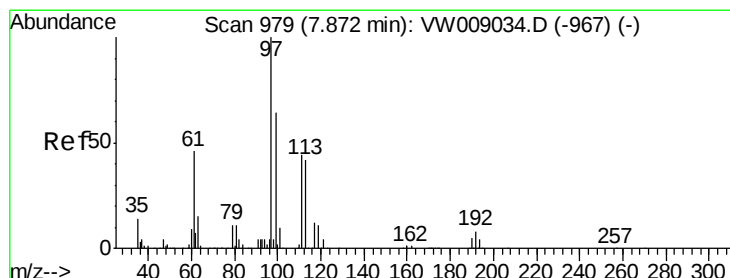
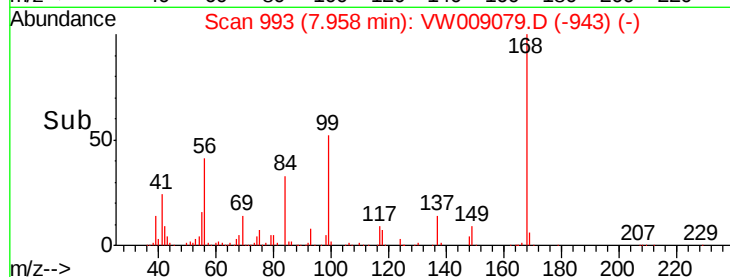
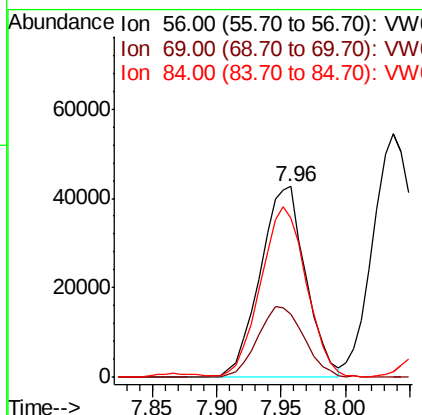
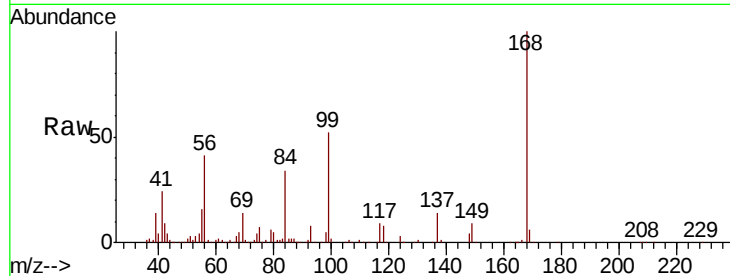




#31
Cyclohexane
Concen: 19.631 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

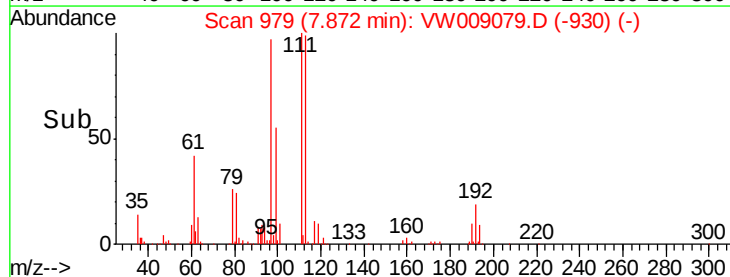
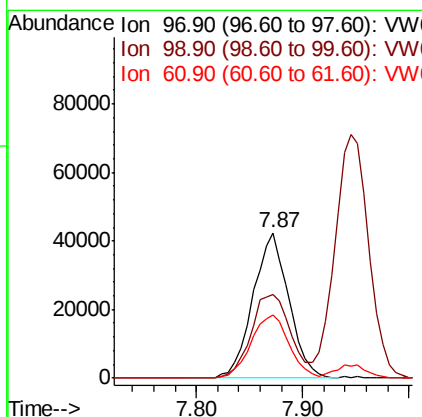
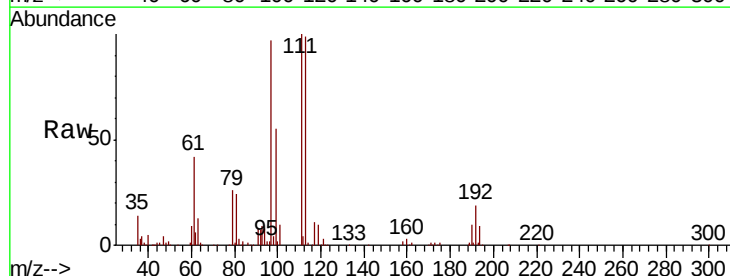
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

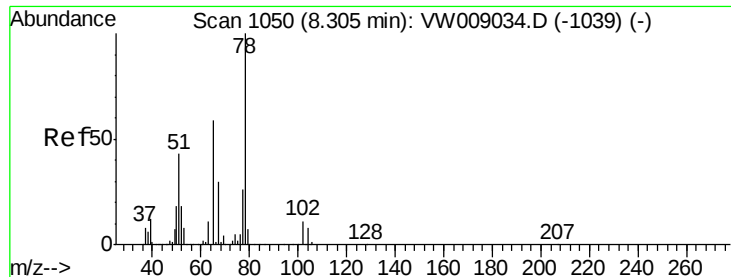
Tgt Ion: 56 Resp: 104888
Ion Ratio Lower Upper
56 100
69 33.2 25.5 38.3
84 81.9 68.6 103.0



#32
1,1,1-Trichloroethane
Concen: 20.177 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 97 Resp: 99753
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 46.3 37.3 55.9

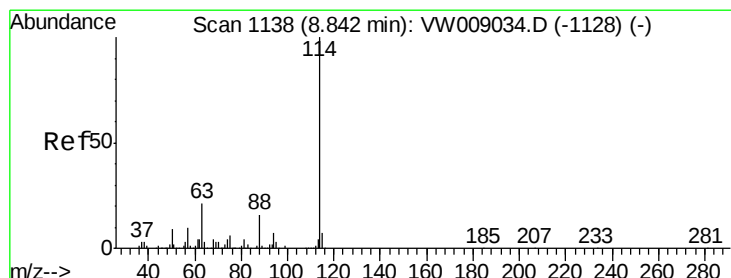
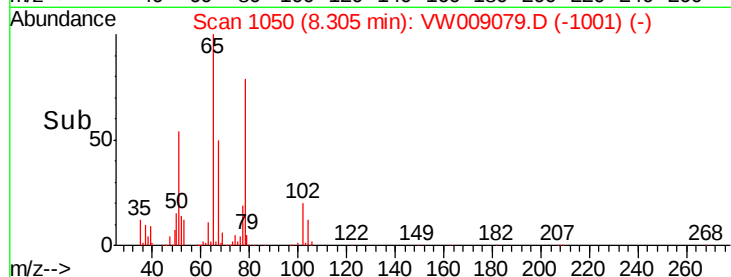
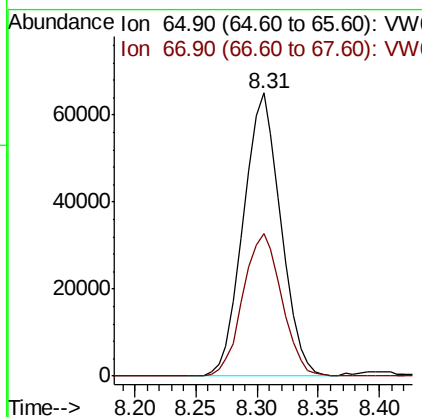
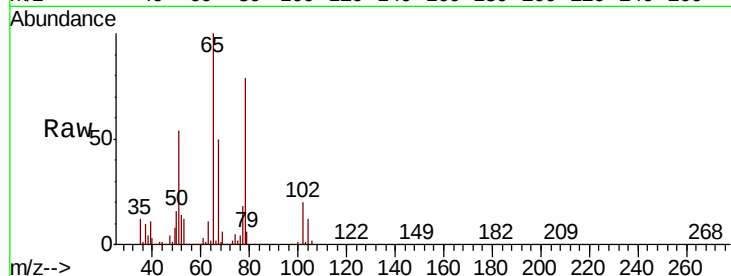




#33
 1,2-Dichloroethane-d4
 Concen: 48.496 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

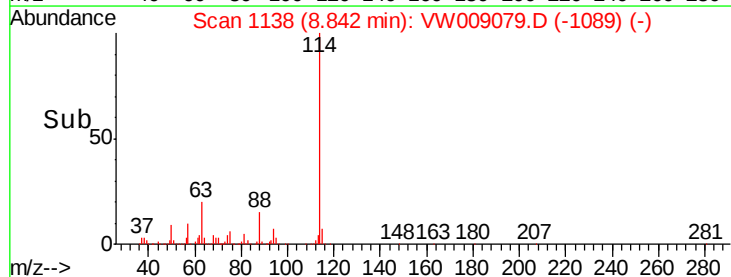
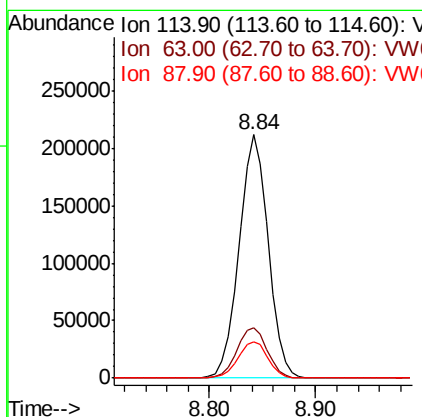
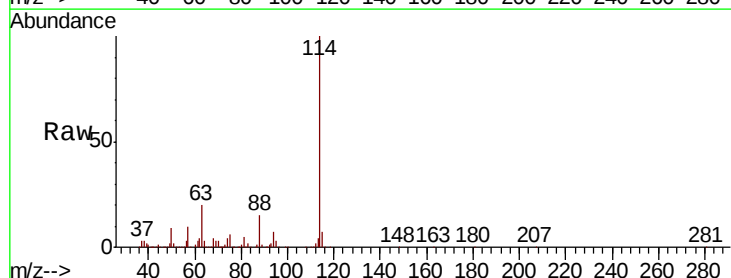
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

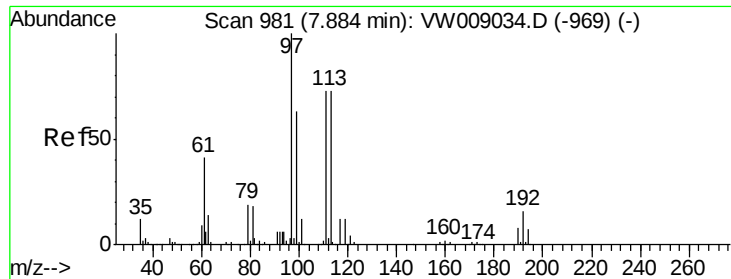
Tgt Ion: 65 Resp: 138937
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion: 114 Resp: 406378
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.2
 88 14.9 0.0 31.2

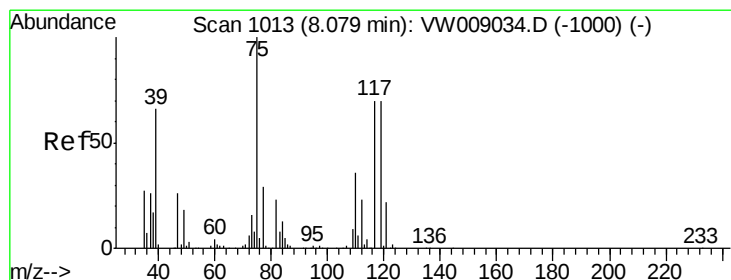
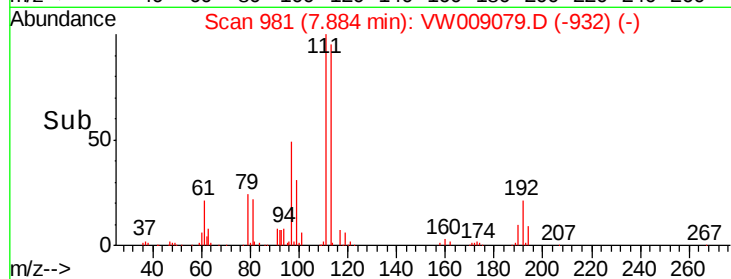
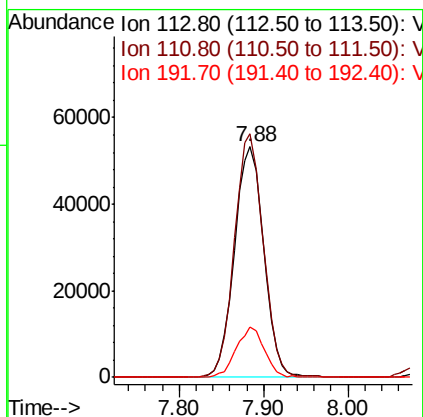
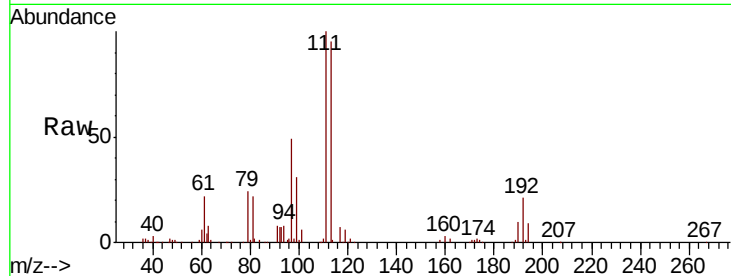




#35
 Dibromofluoromethane
 Concen: 51.284 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

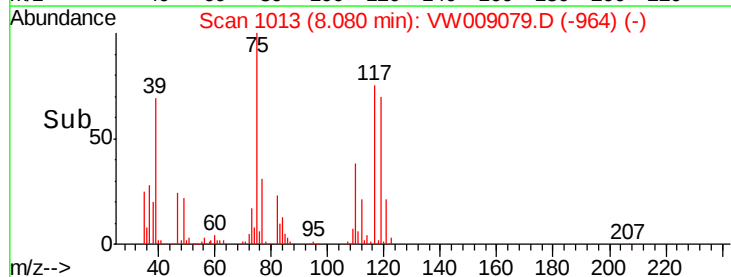
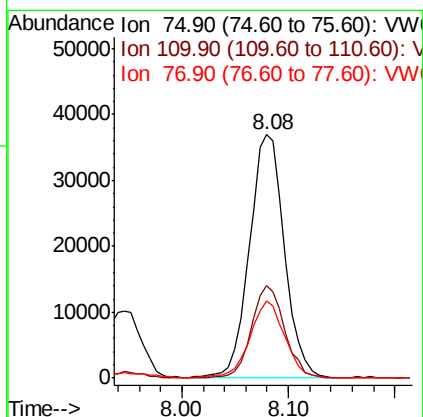
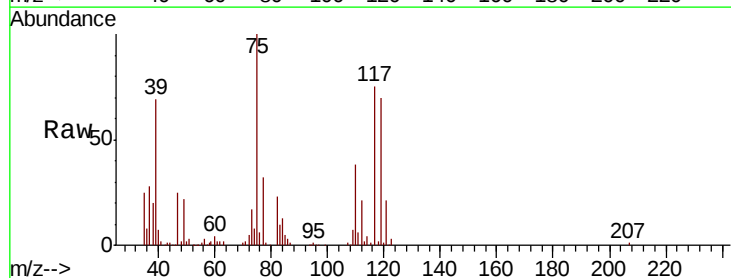
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

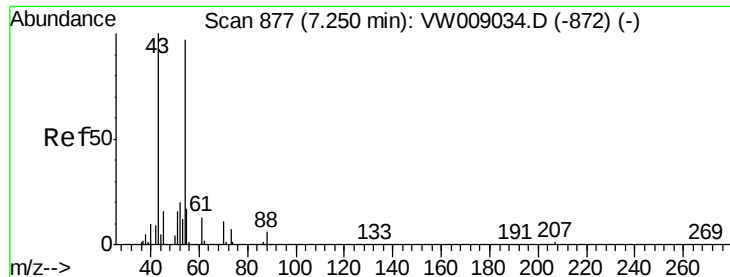
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.4
192	20.9	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 20.072 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.6	52.9
77	31.7	25.1	37.7

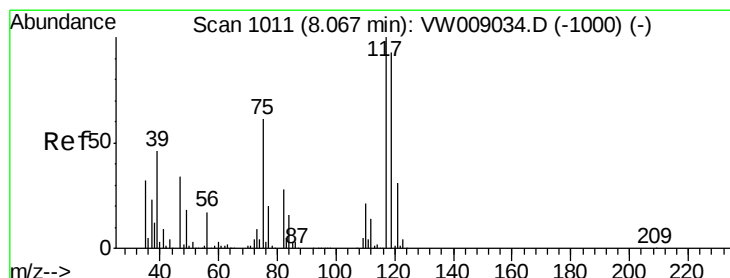
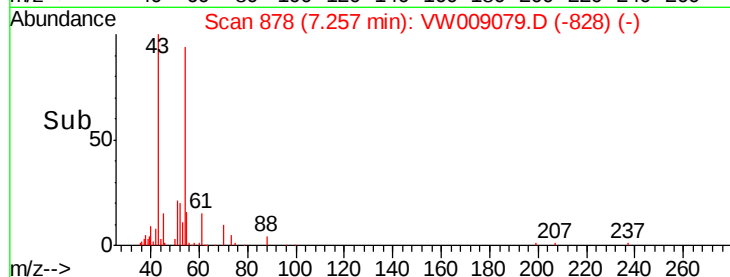
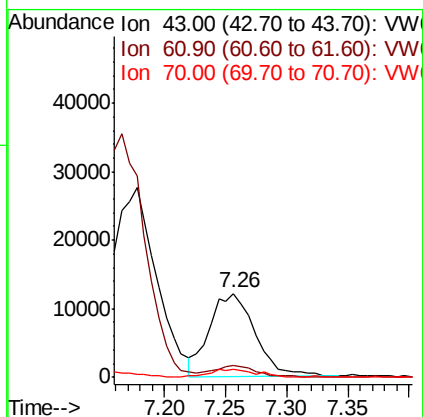
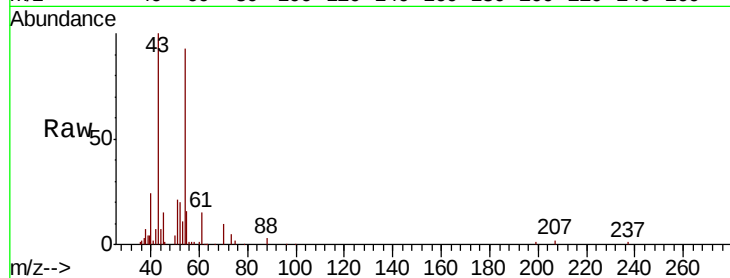




#37
Ethyl Acetate
Concen: 15.679 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

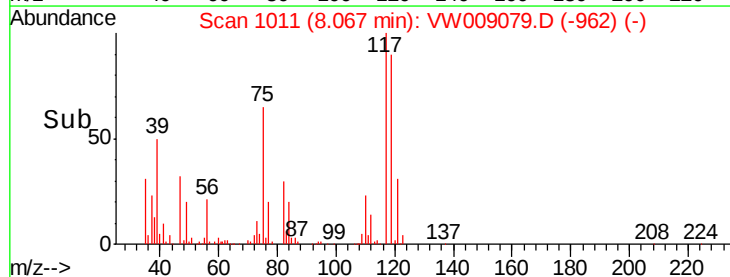
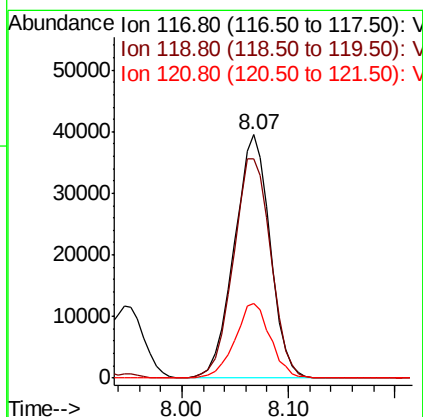
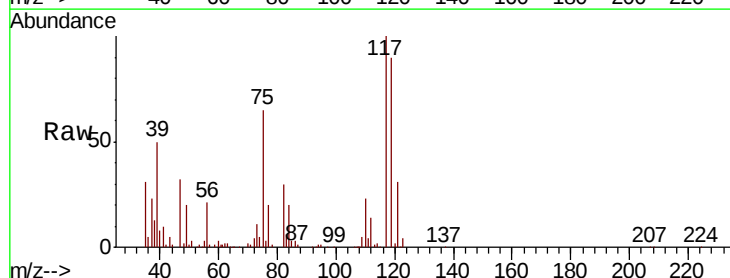
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

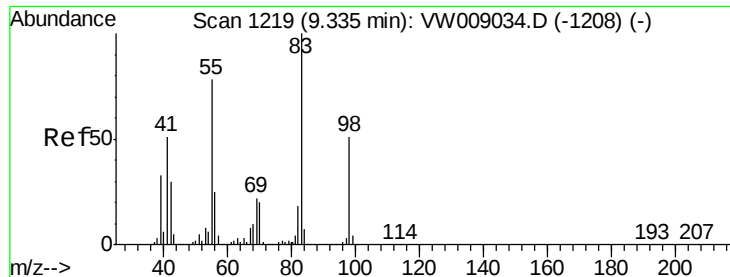
Tgt Ion: 43 Resp: 31294
Ion Ratio Lower Upper
43 100
61 13.9 9.8 14.6
70 10.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.163 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 117 Resp: 92870
Ion Ratio Lower Upper
117 100
119 90.1 74.6 112.0
121 30.6 24.7 37.1

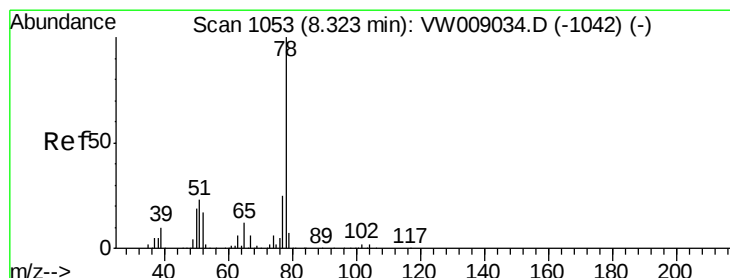
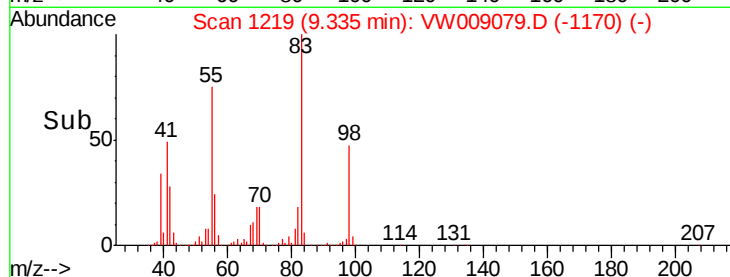
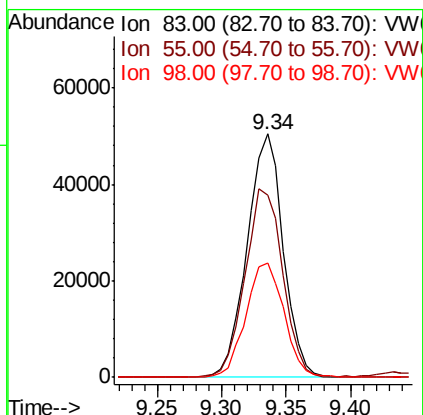
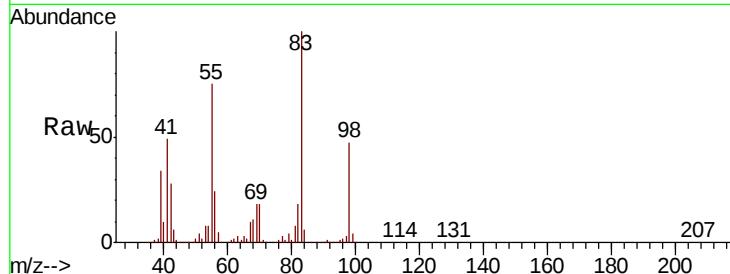




#39
Methylcyclohexane
Concen: 19.293 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

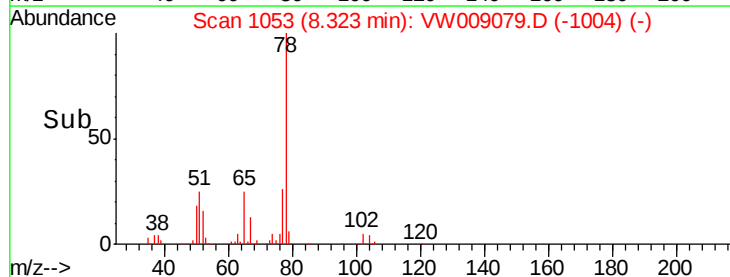
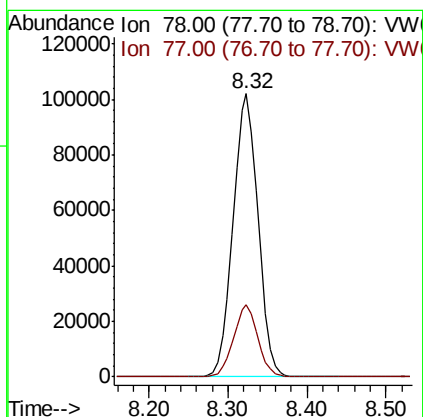
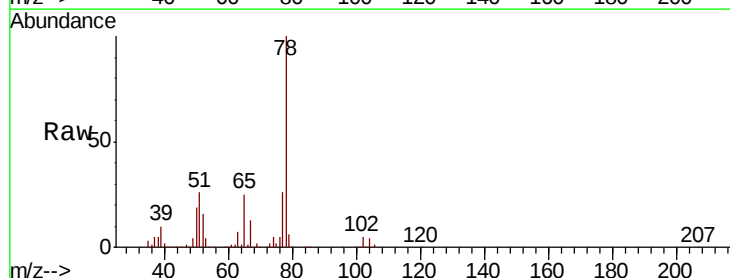
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

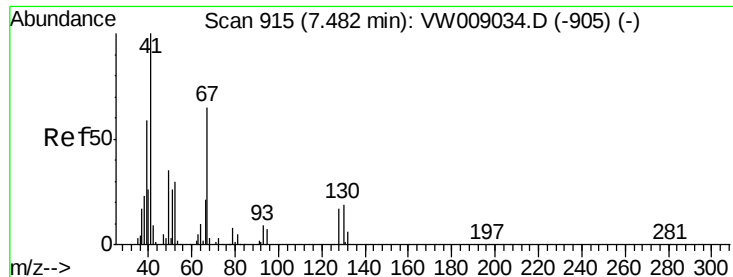
Tgt Ion: 83 Resp: 97644
Ion Ratio Lower Upper
83 100
55 74.6 62.7 94.1
98 46.8 40.8 61.2



#40
Benzene
Concen: 19.807 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 78 Resp: 224666
Ion Ratio Lower Upper
78 100
77 25.7 20.2 30.4

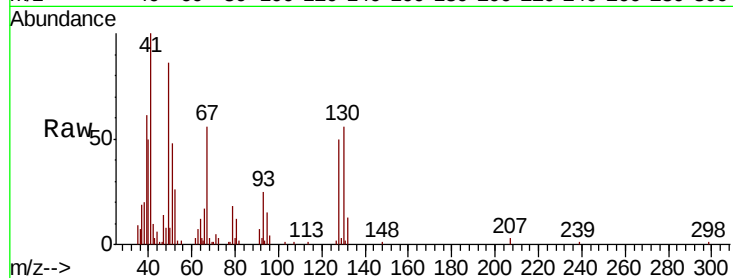




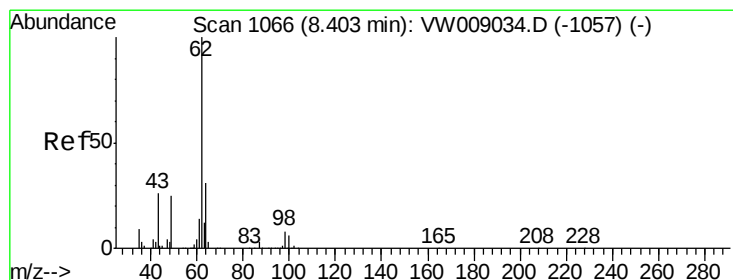
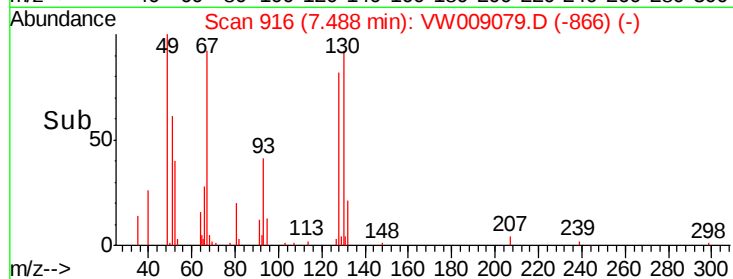
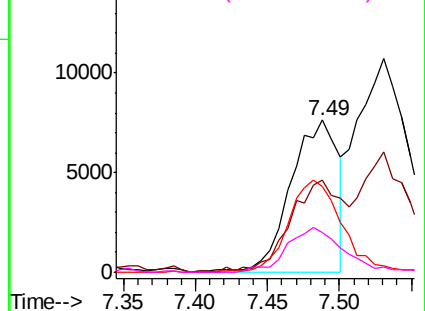
#41
Methacrylonitrile
Concen: 15.871 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

Tgt Ion:	41	Resp:	17590
Ion	Ratio	Lower	Upper
41	100		
39	65.5	53.6	80.4
67	68.8	57.6	86.4
52	34.7	26.0	39.0

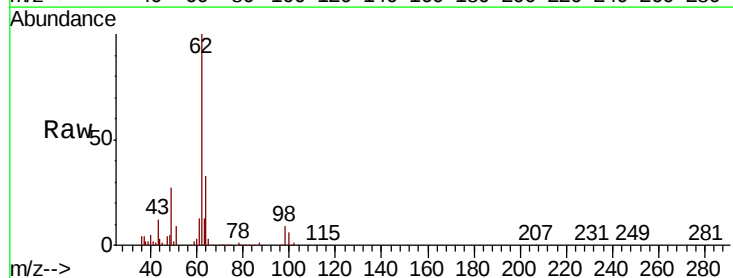


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

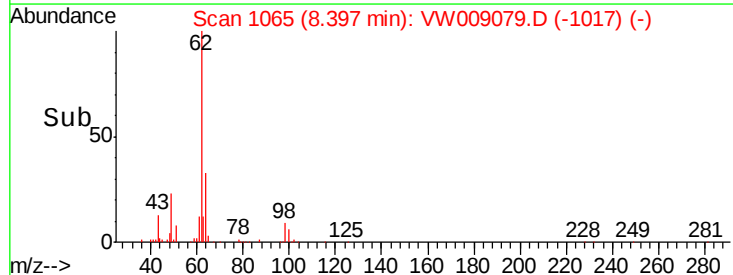
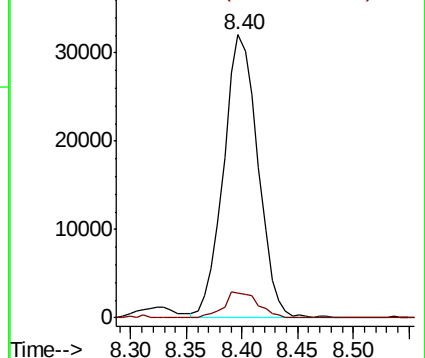


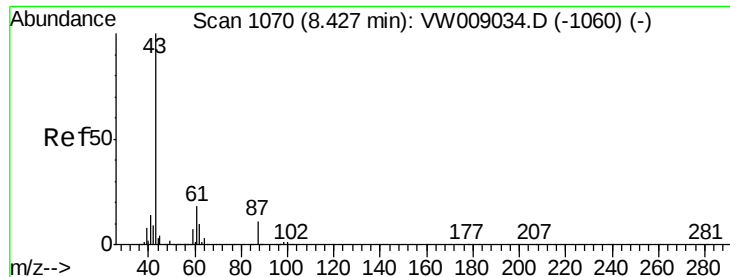
#42
1,2-Dichloroethane
Concen: 18.785 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion:	62	Resp:	68791
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 16.004 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBS01

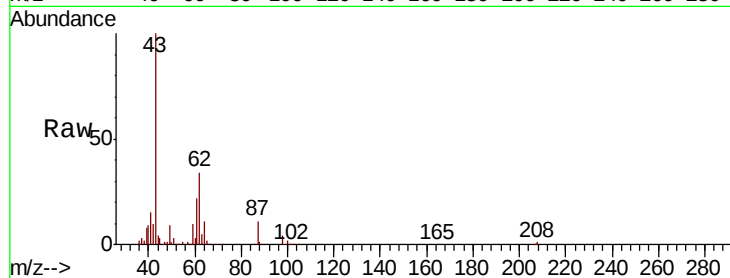
Tgt Ion: 43 Resp: 59491

Ion Ratio Lower Upper

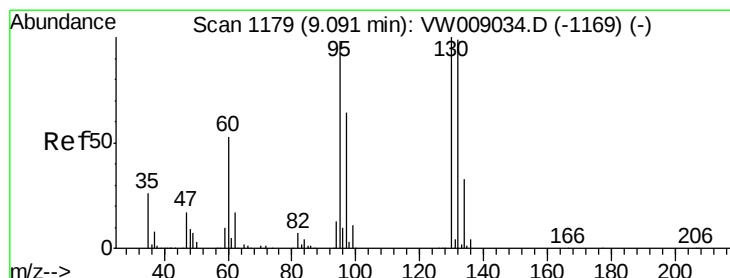
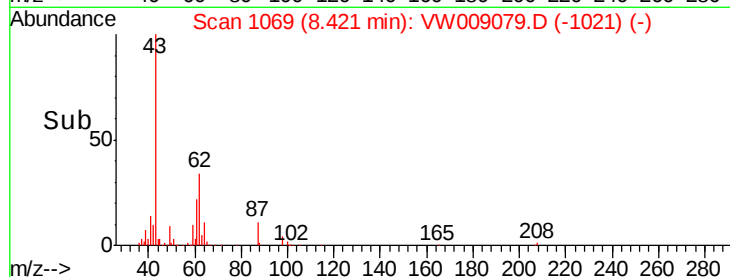
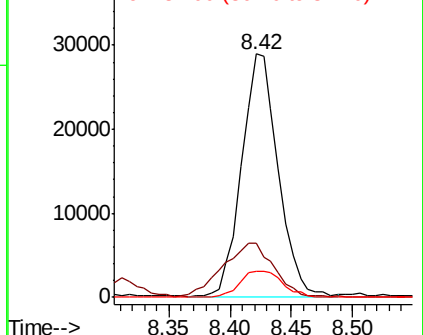
43 100

61 31.5 22.8 34.2

87 12.7 9.4 14.2



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: 19.938 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009079.D

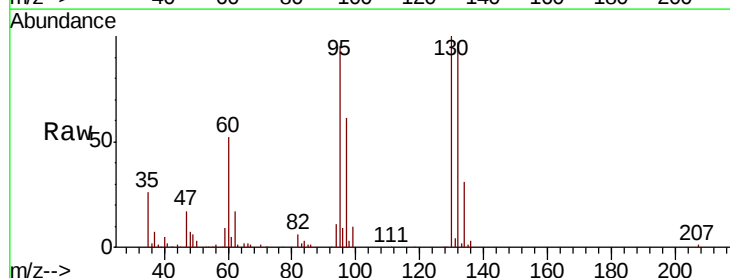
Acq: 11 Mar 2019 11:56

Tgt Ion: 130 Resp: 63387

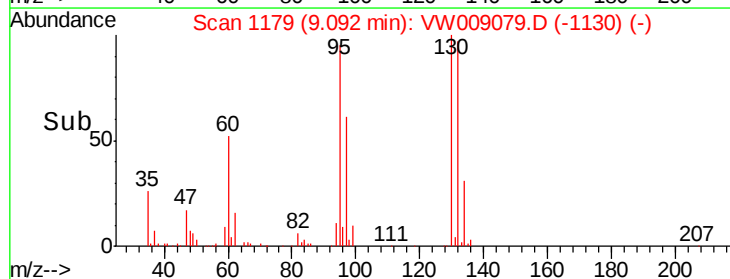
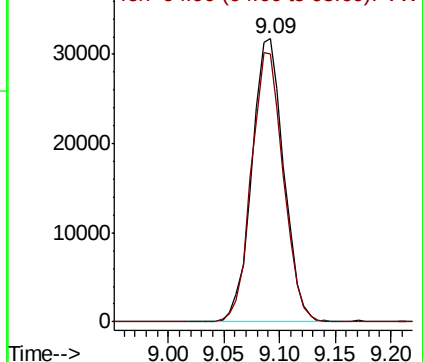
Ion Ratio Lower Upper

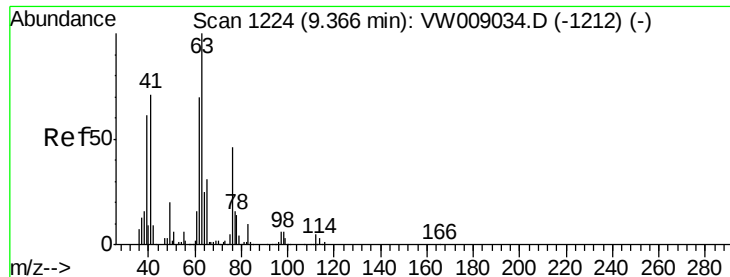
130 100

95 94.5 0.0 197.0



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

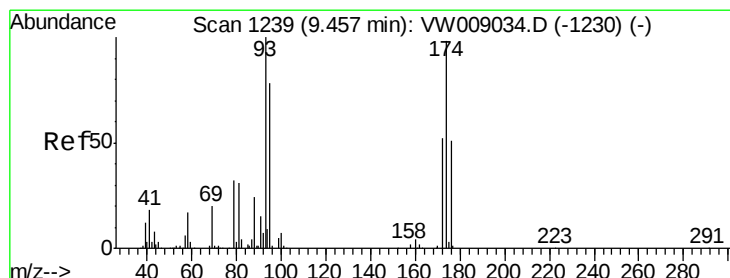
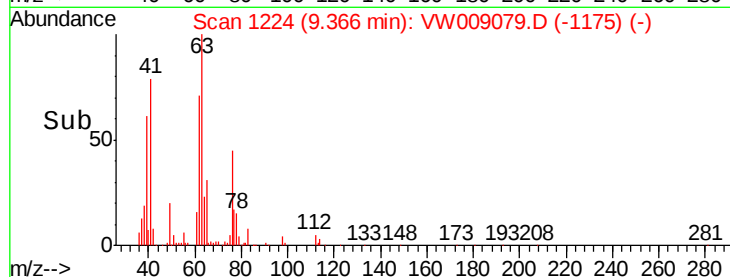
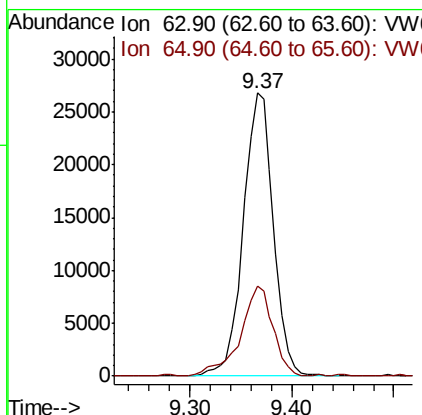
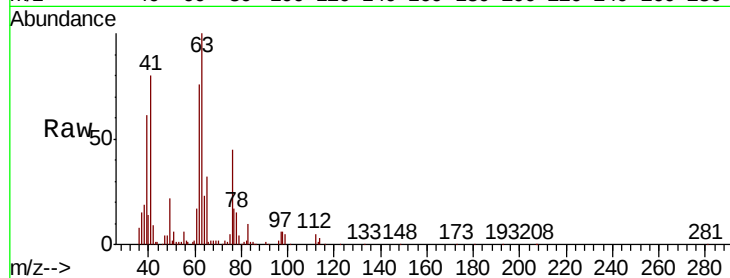




#45
 1,2-Dichloropropane
 Concen: 19.287 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

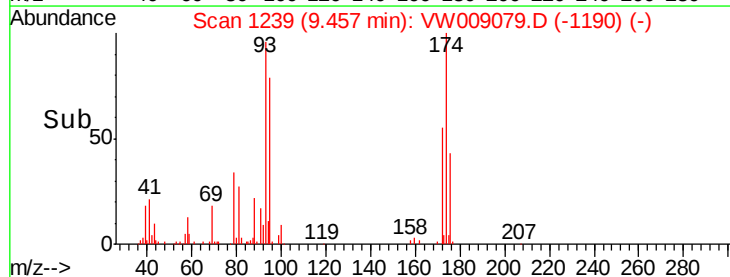
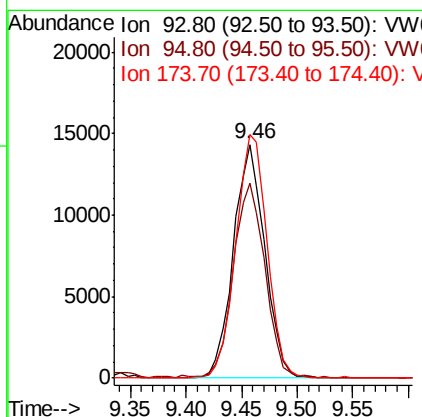
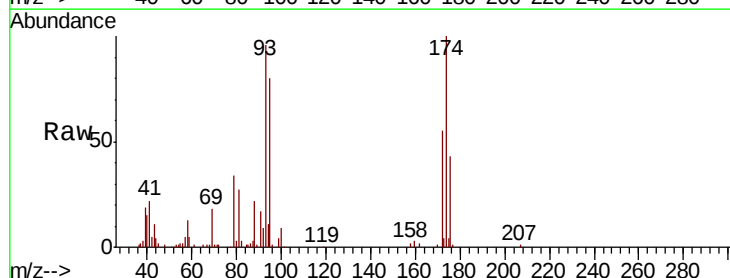
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

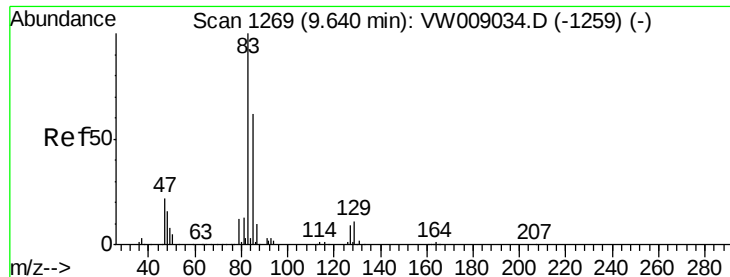
Tgt Ion: 63 Resp: 54792
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.9 37.3



#46
 Dibromomethane
 Concen: 17.981 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion: 93 Resp: 27898
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.0 97.6
 174 104.0 81.8 122.6

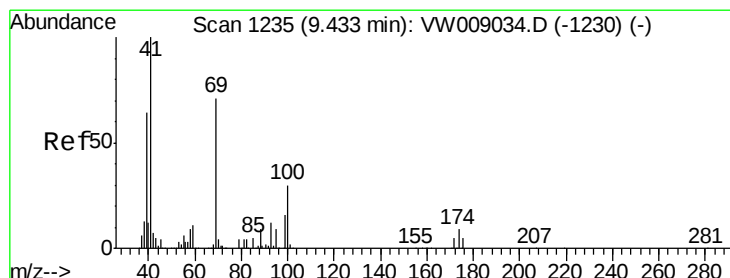
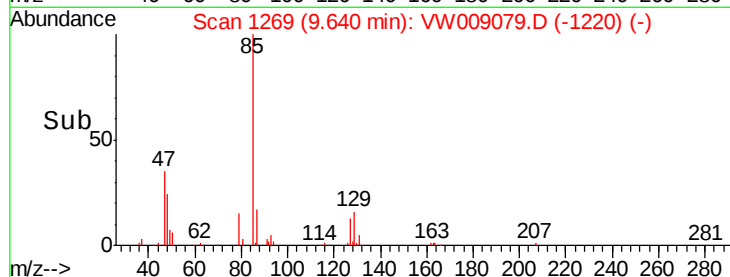
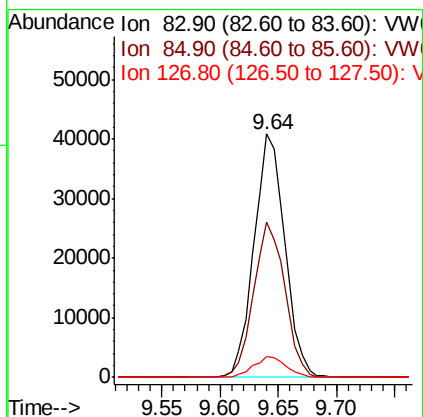
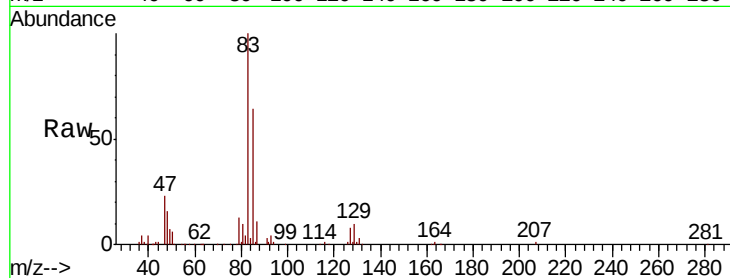




#47
 Bromodichloromethane
 Concen: 19.288 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

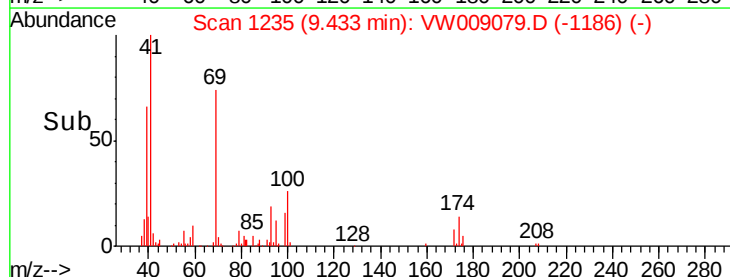
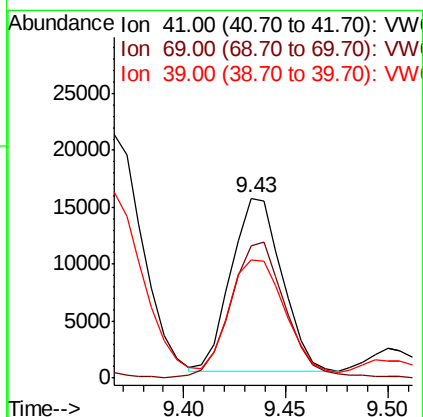
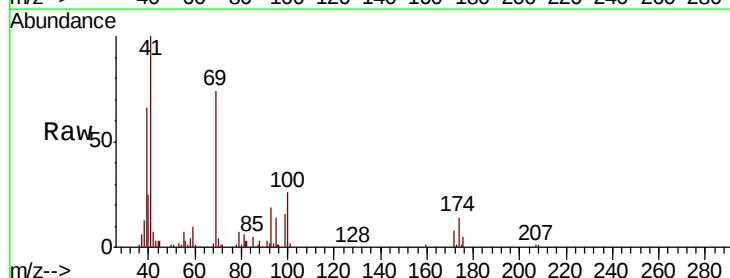
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

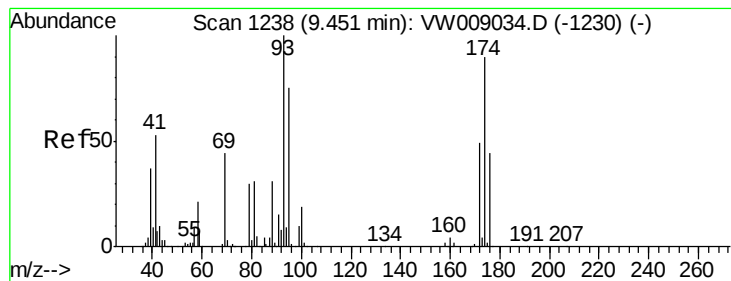
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.9	74.9
127	8.4	7.1	10.7



#48
 Methyl methacrylate
 Concen: 15.233 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.2	59.1	88.7
39	70.0	48.9	73.3





#49

1,4-Dioxane

Concen: 346.708 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBS01

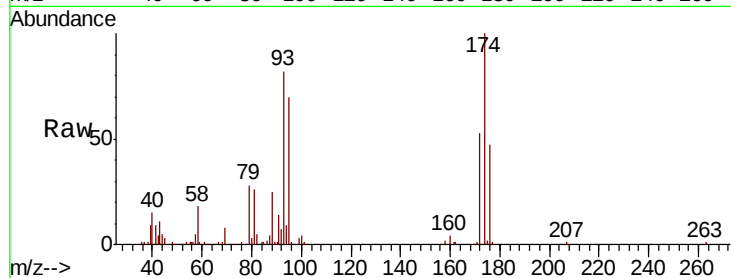
Tgt Ion: 88 Resp: 7703

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

58 73.3 59.2 88.8

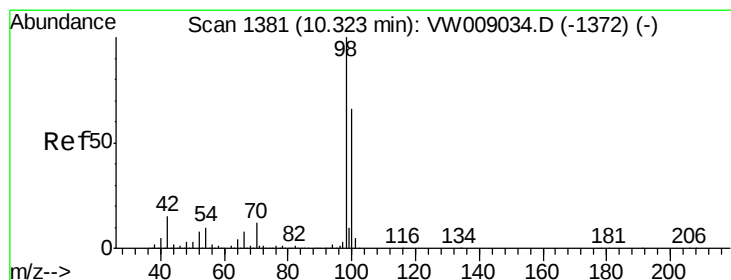
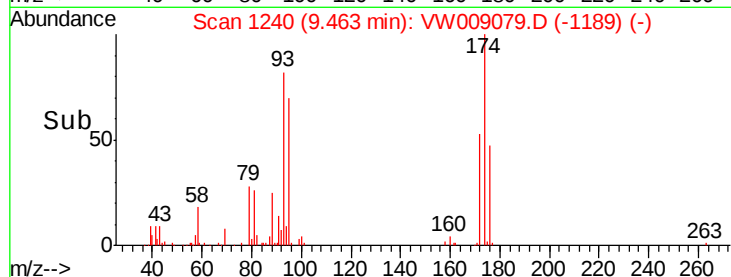
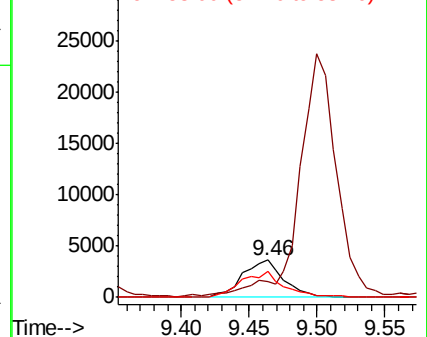


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.219 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009079.D

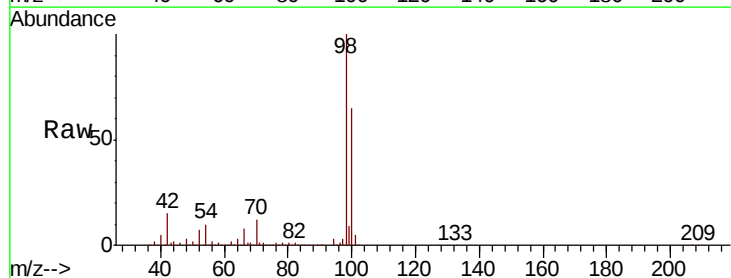
Acq: 11 Mar 2019 11:56

Tgt Ion: 98 Resp: 514706

Ion Ratio Lower Upper

98 100

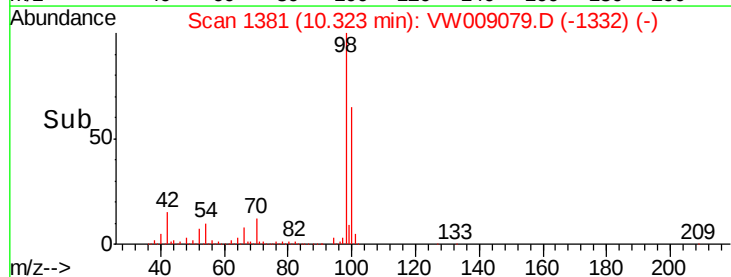
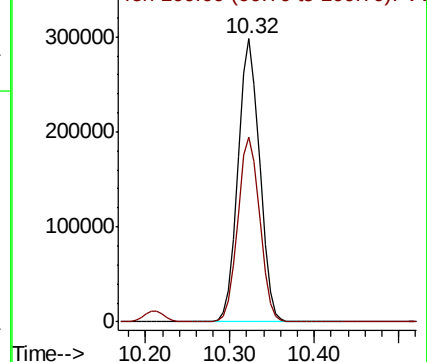
100 65.9 51.9 77.9

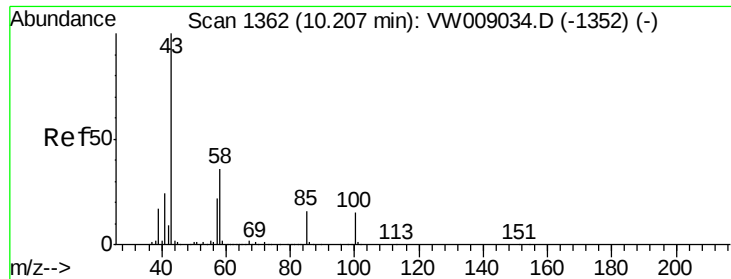


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

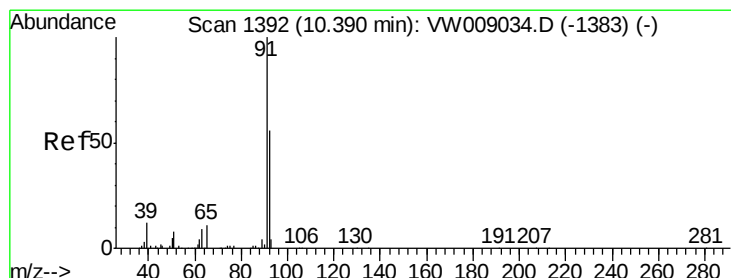
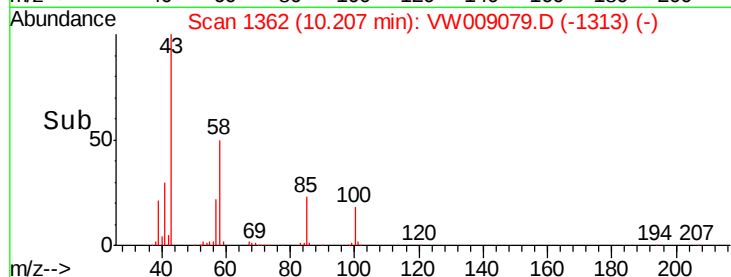
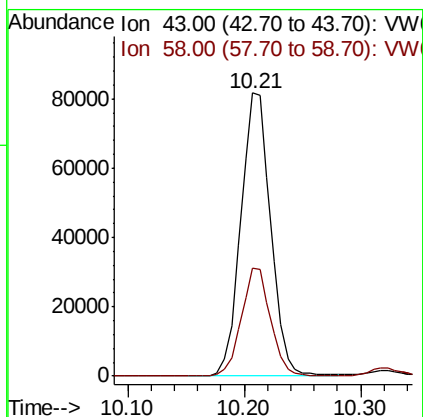
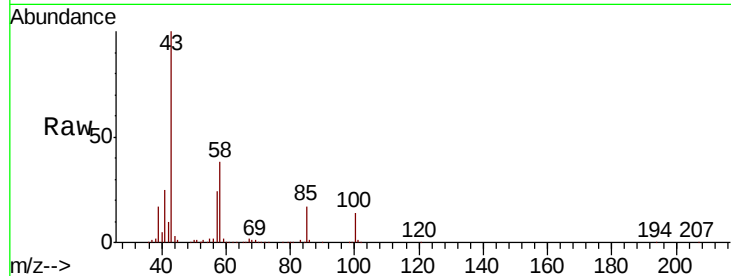




#51
 4-Methyl-2-Pentanone
 Concen: 77.528 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

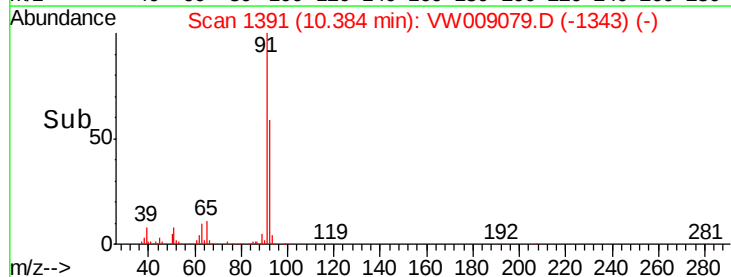
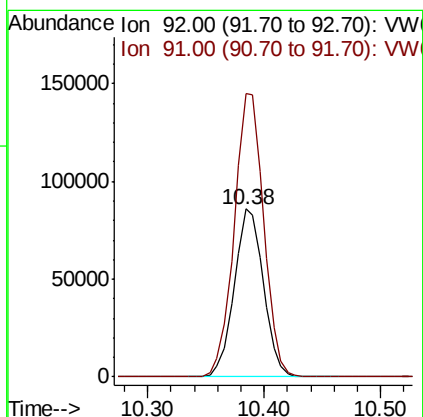
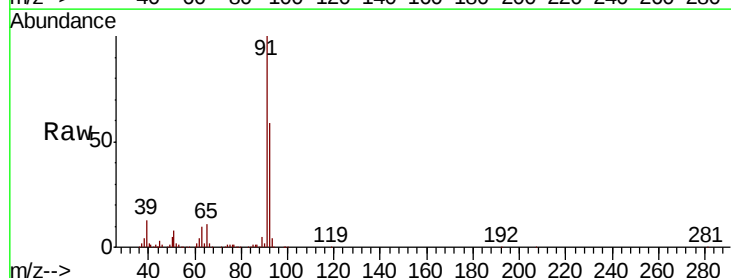
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

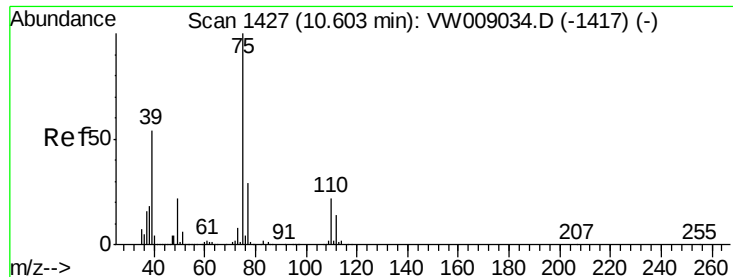
Tgt Ion: 43 Resp: 146306
 Ion Ratio Lower Upper
 43 100
 58 37.1 28.8 43.2



#52
 Toluene
 Concen: 19.485 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion: 92 Resp: 149893
 Ion Ratio Lower Upper
 92 100
 91 170.8 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 18.156 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

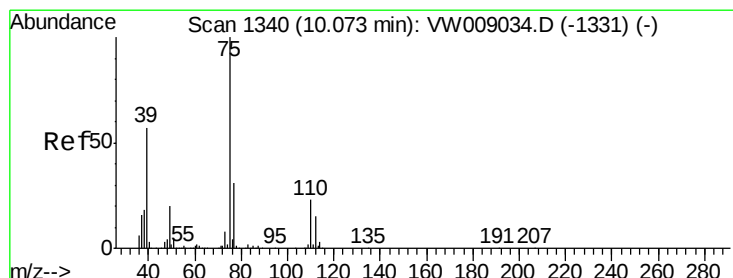
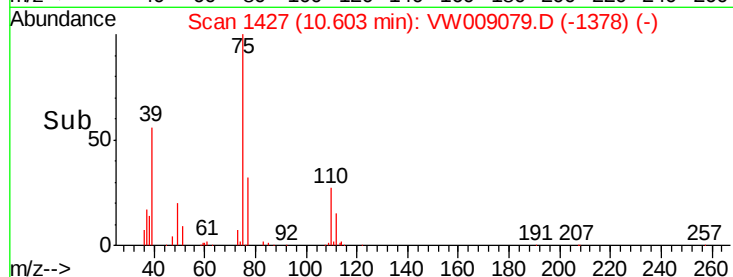
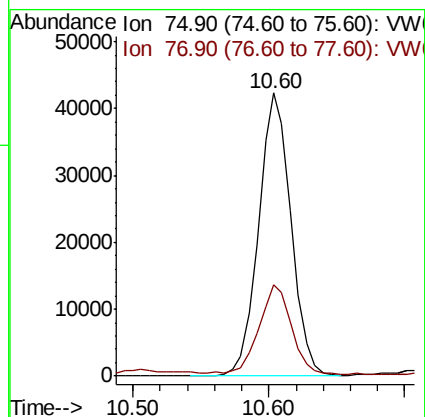
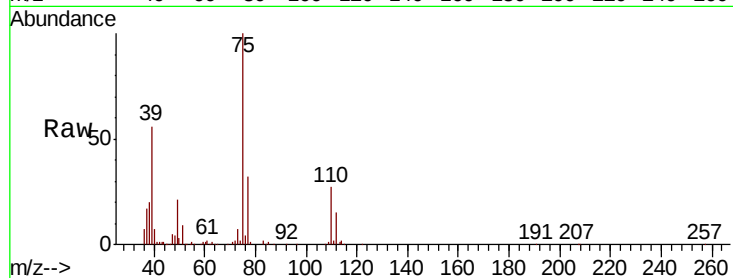
VW0311SBS01

Tgt Ion: 75 Resp: 70524

Ion Ratio Lower Upper

75 100

77 31.5 23.6 35.4



#54

cis-1,3-Dichloropropene

Concen: 19.168 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

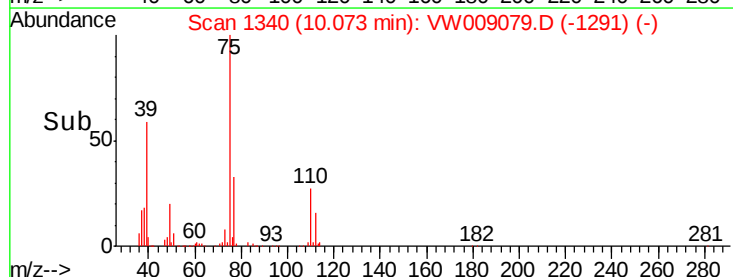
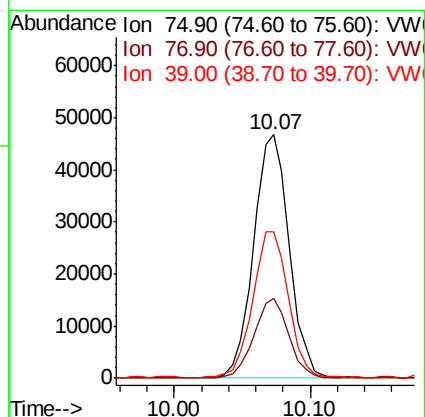
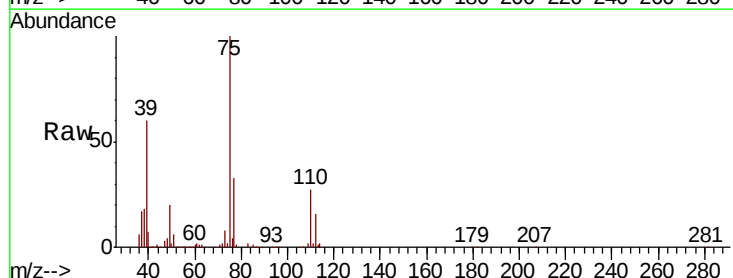
Tgt Ion: 75 Resp: 85563

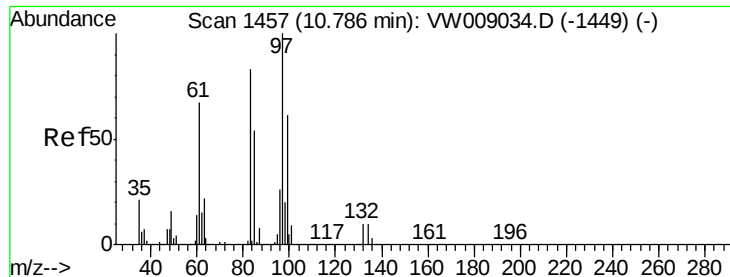
Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

39 59.4 45.9 68.9

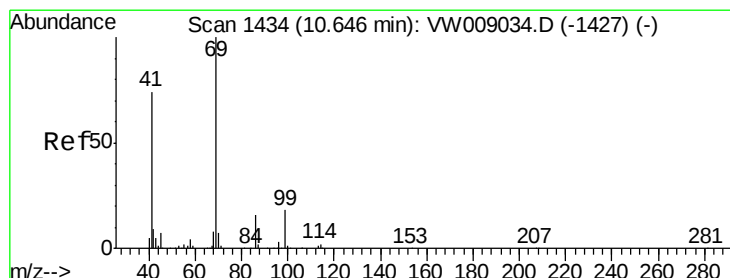
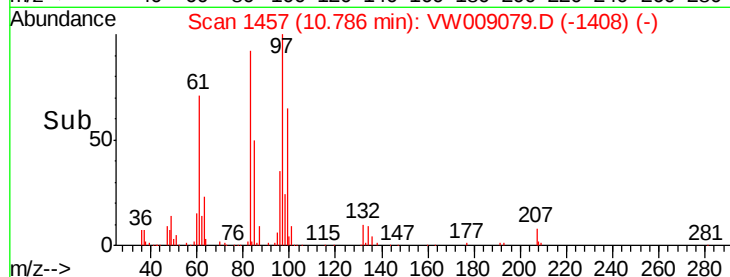
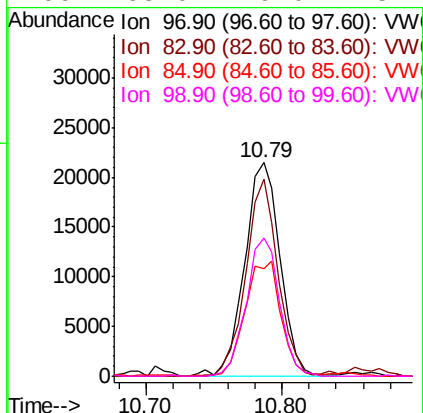
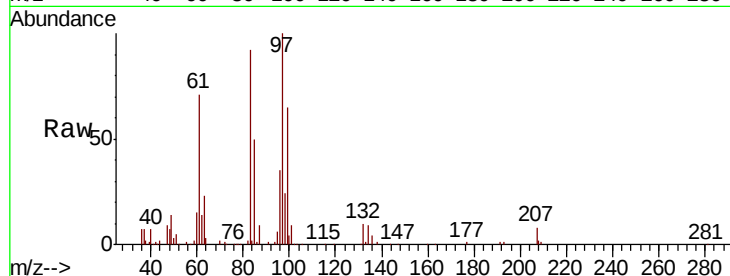




#55
 1,1,2-Trichloroethane
 Concen: 18.673 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

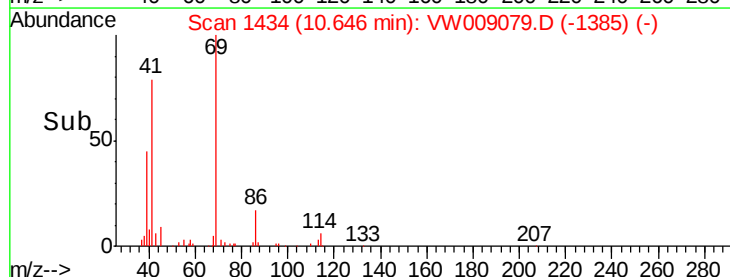
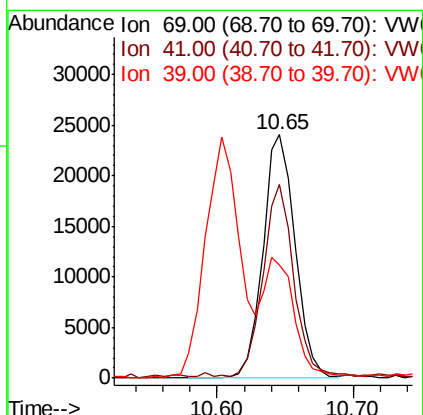
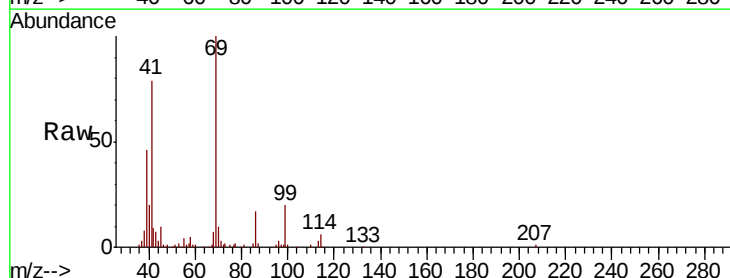
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

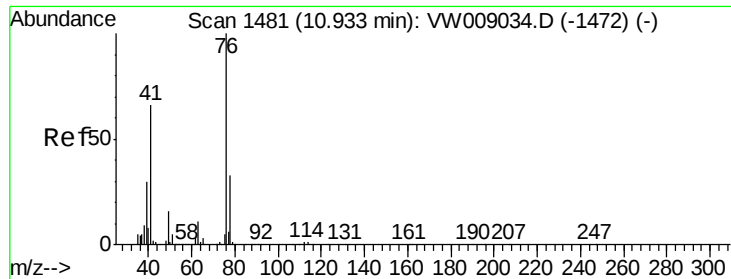
Tgt Ion:	97	Resp:	39267
Ion	Ratio	Lower	Upper
97	100		
83	92.1	66.2	99.2
85	50.1	43.6	65.4
99	65.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 15.247 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion:	69	Resp:	39794
Ion	Ratio	Lower	Upper
69	100		
41	75.8	59.4	89.2
39	46.6	38.5	57.7

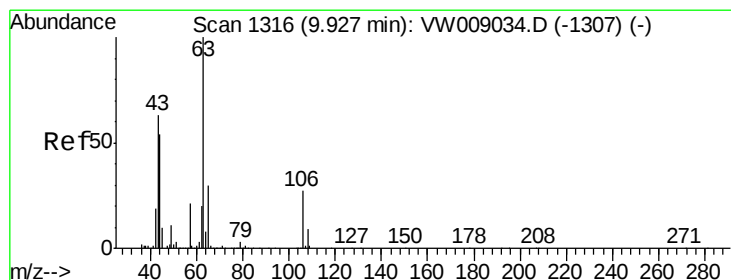
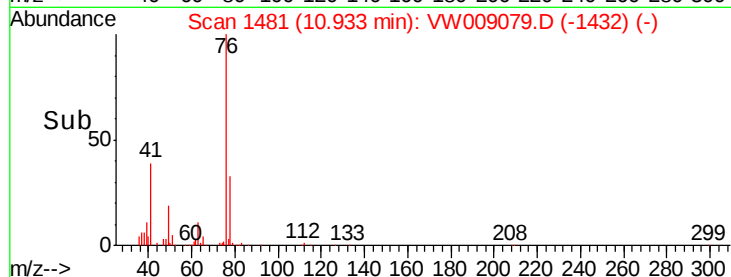
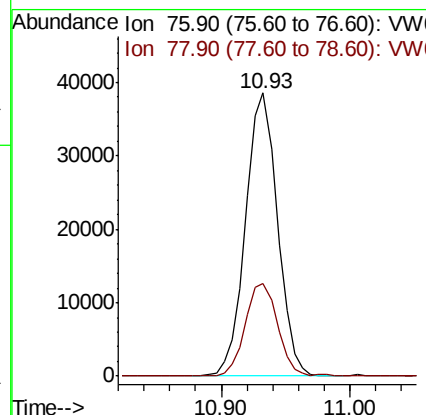
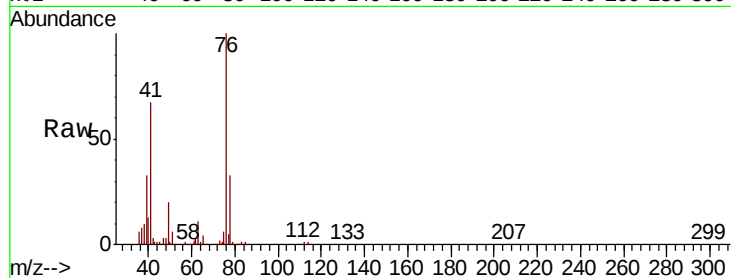




#57
 1,3-Dichloropropane
 Concen: 17.738 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

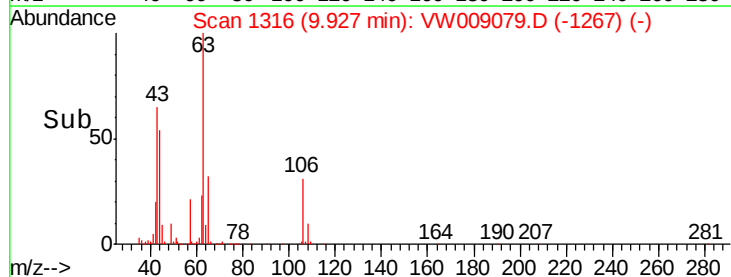
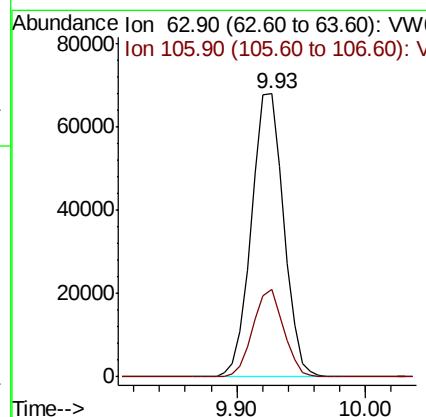
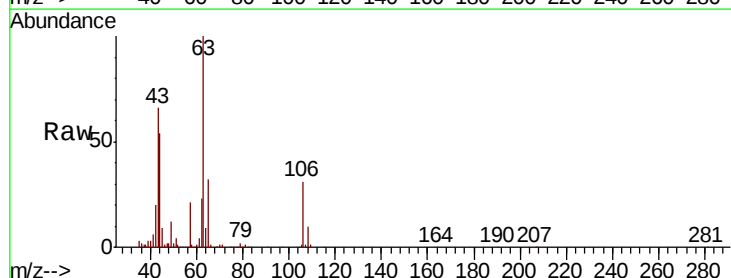
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

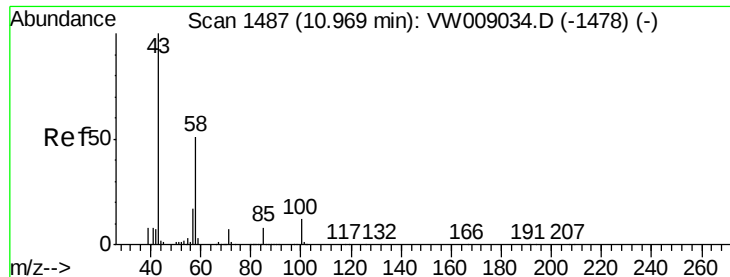
Tgt Ion: 76 Resp: 66078
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.848 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion: 63 Resp: 117504
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.0 34.6

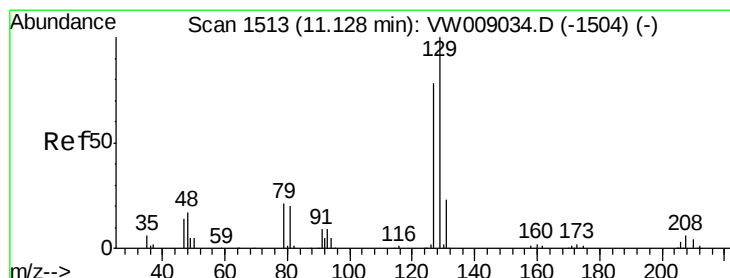
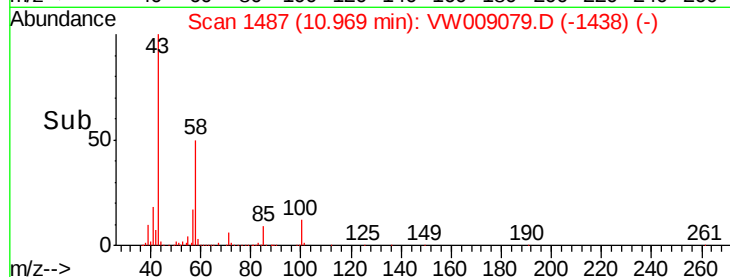
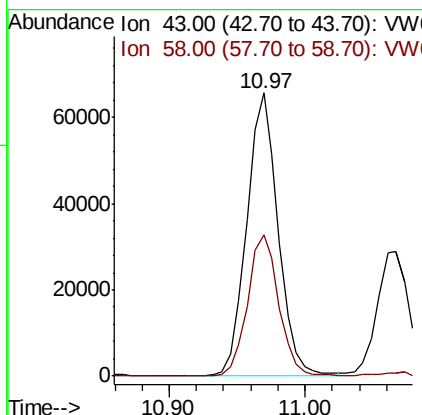
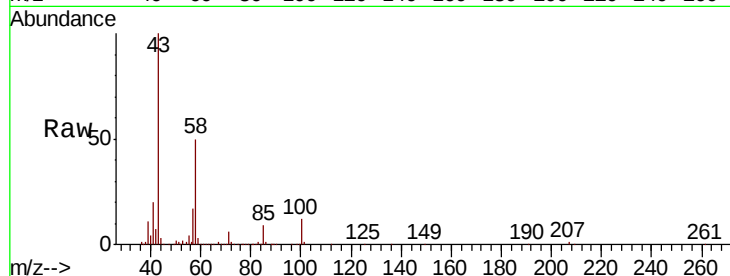




#59
2-Hexanone
Concen: 79.538 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

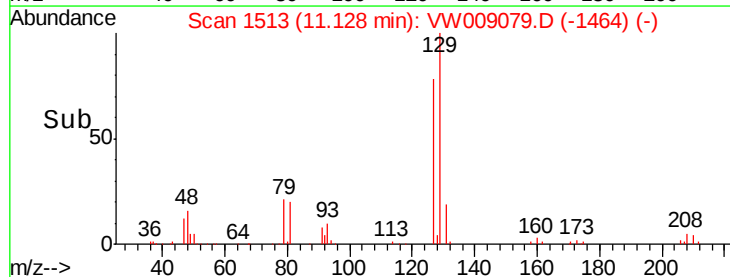
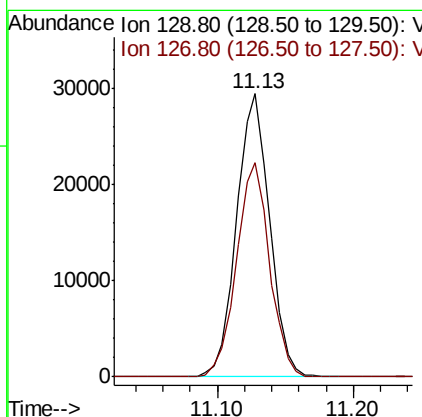
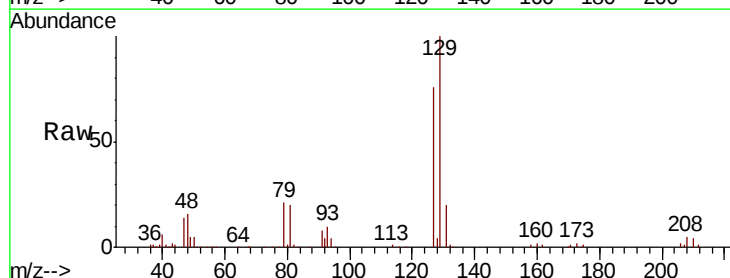
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

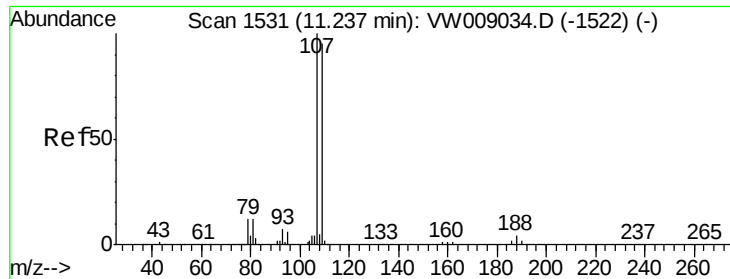
Tgt Ion: 43 Resp: 105532
Ion Ratio Lower Upper
43 100
58 50.2 25.3 75.9



#60
Dibromochloromethane
Concen: 19.183 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 129 Resp: 49923
Ion Ratio Lower Upper
129 100
127 75.5 38.4 115.1

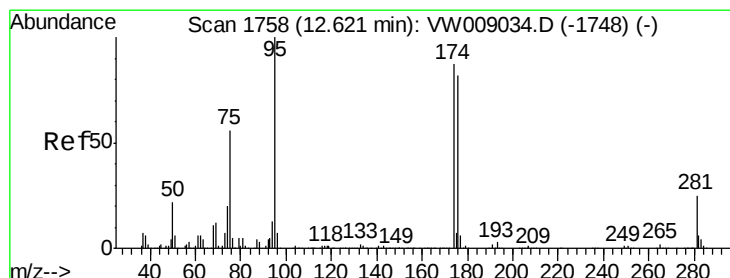
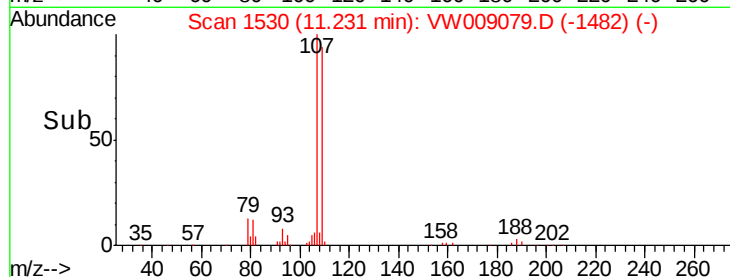
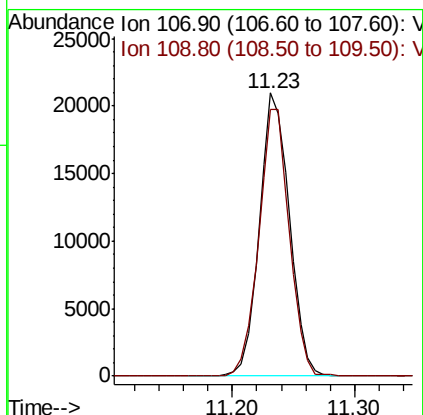
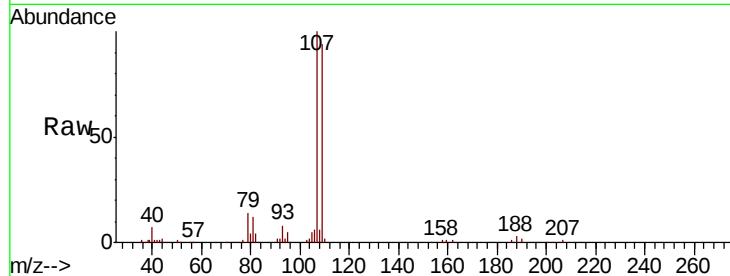




#61
 1,2-Dibromoethane
 Concen: 17.464 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

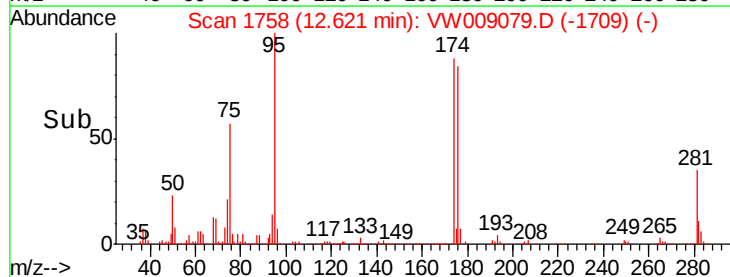
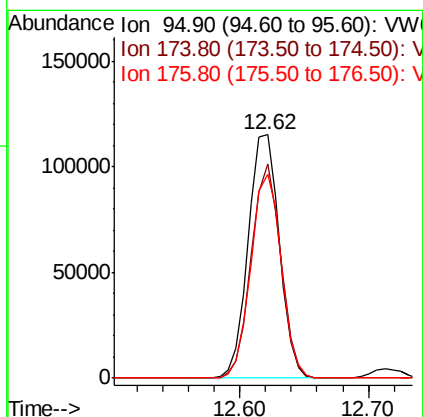
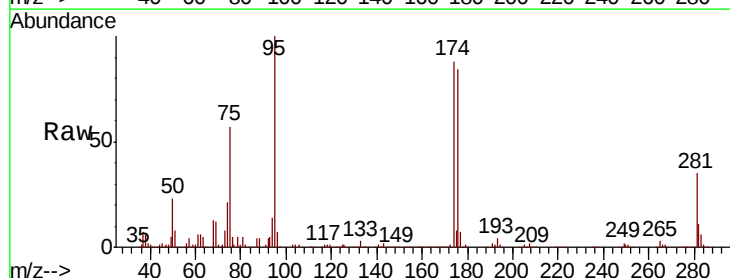
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

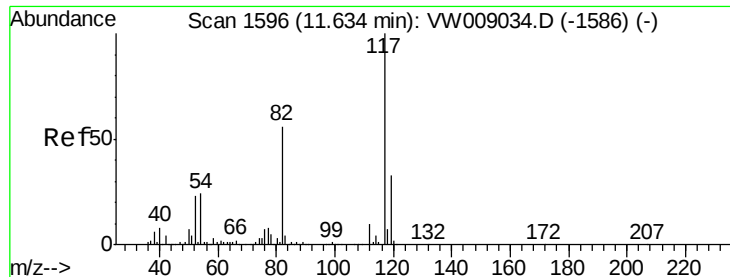
Tgt Ion: 107 Resp: 36003
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 48.391 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion: 95 Resp: 191433
 Ion Ratio Lower Upper
 95 100
 174 83.5 0.0 167.0
 176 81.8 0.0 159.4

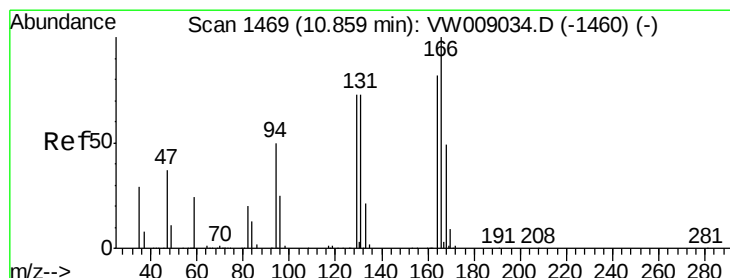
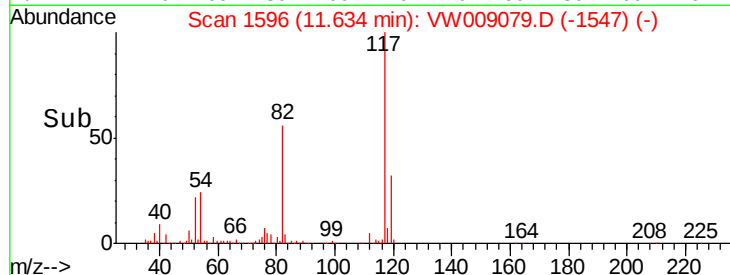
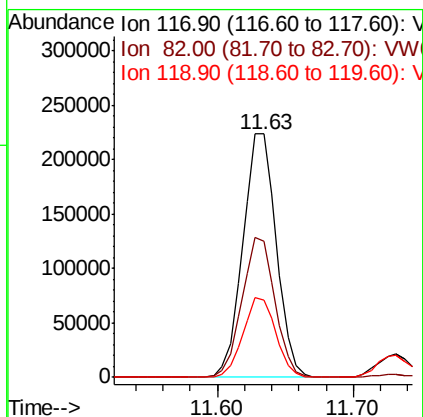
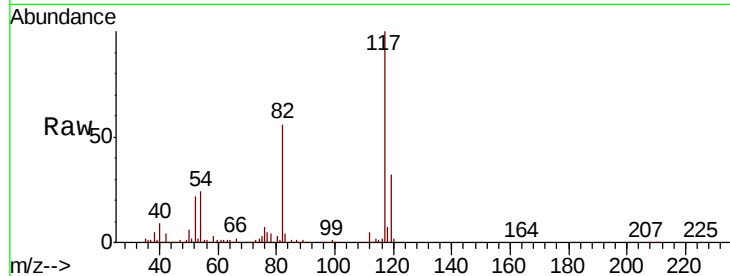




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

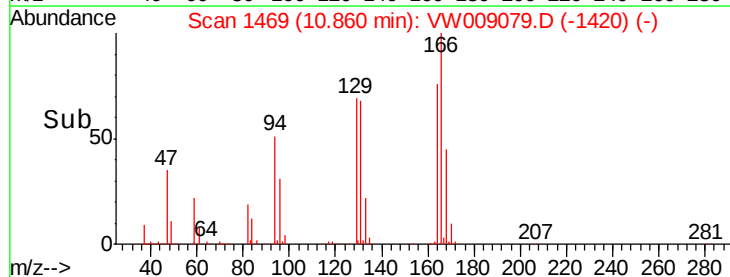
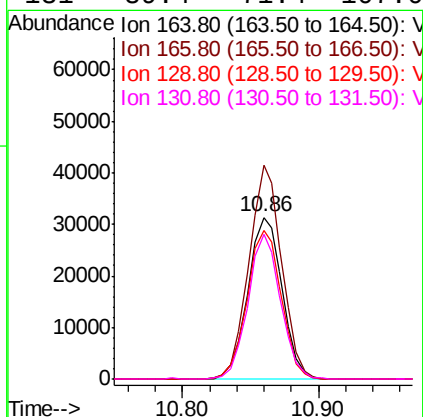
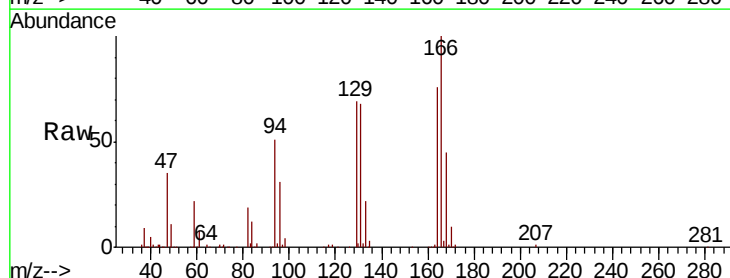
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

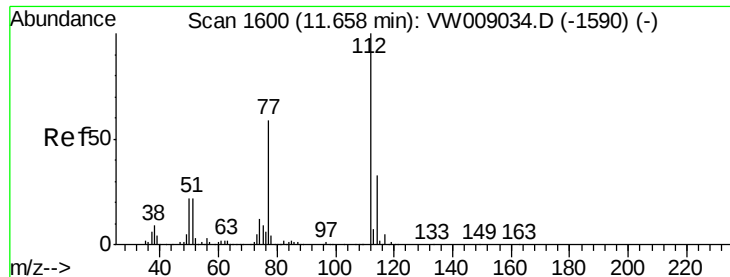
Tgt Ion:117 Resp: 385299
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.6
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 19.896 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion:164 Resp: 55284
Ion Ratio Lower Upper
164 100
166 131.9 97.8 146.6
129 91.4 71.6 107.4
131 89.4 71.4 107.0





#65

Chlorobenzene

Concen: 19.213 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampled :

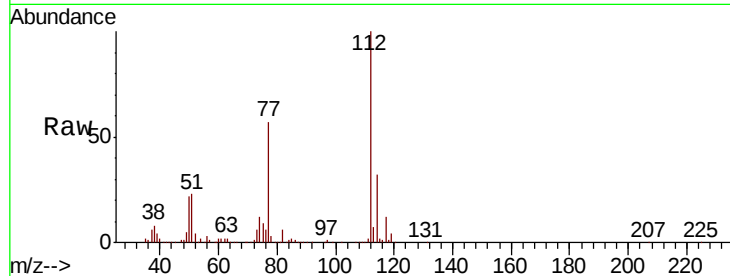
VW0311SBS01

Tgt Ion:112 Resp: 161133

Ion Ratio Lower Upper

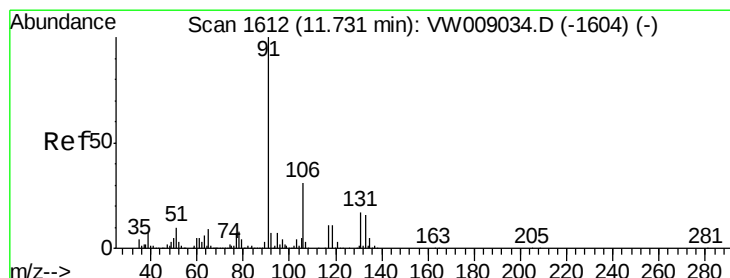
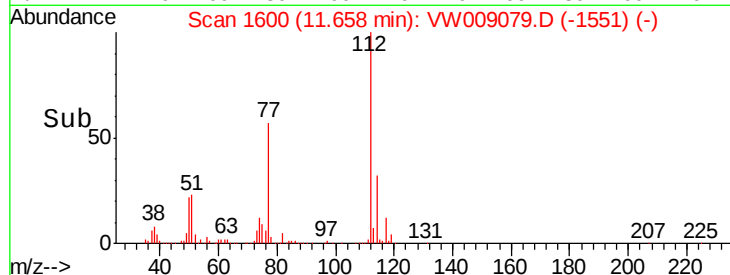
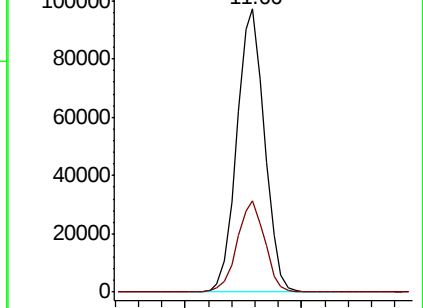
112 100

114 32.5 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.452 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

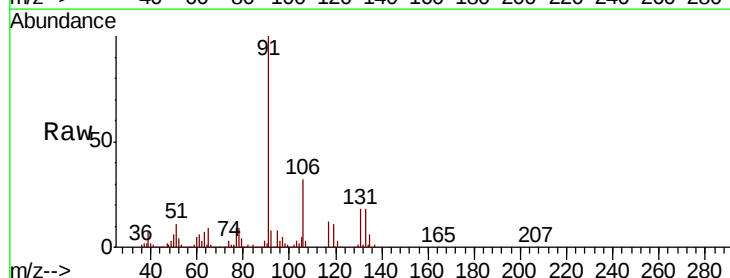
Tgt Ion:131 Resp: 54470

Ion Ratio Lower Upper

131 100

133 97.4 47.6 142.8

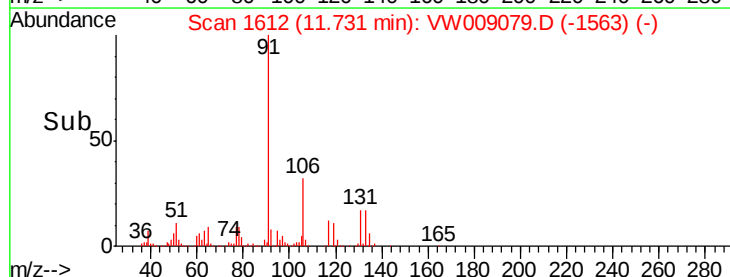
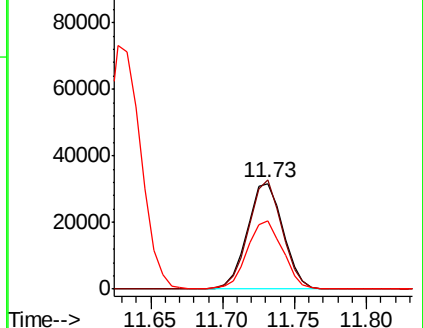
119 63.9 31.3 93.8

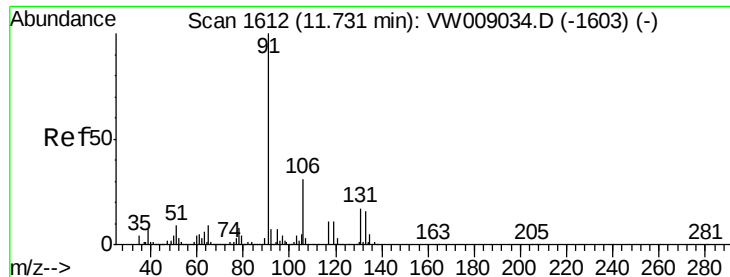


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

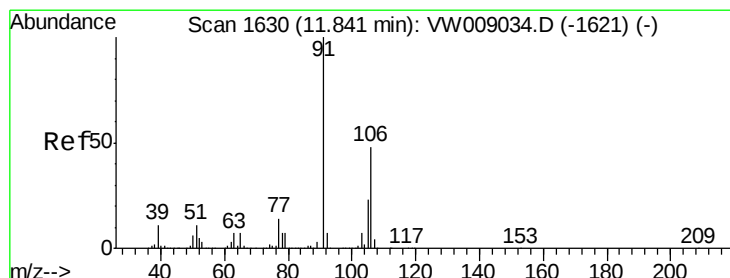
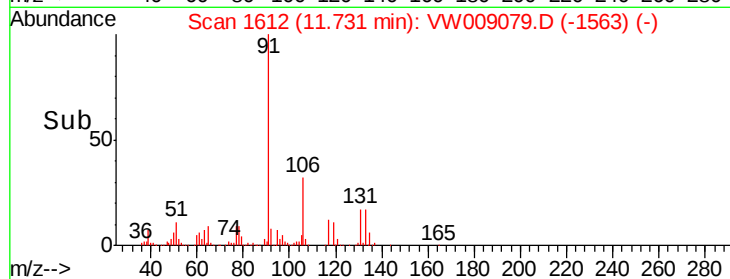
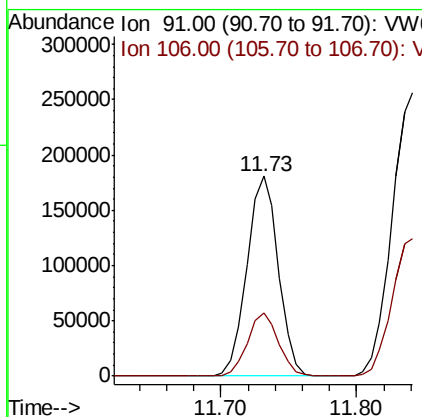
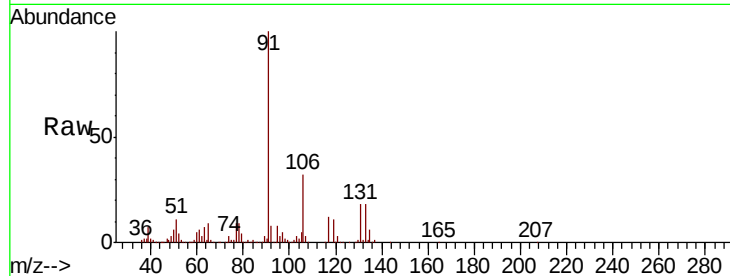




#67
Ethyl Benzene
Concen: 19.281 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

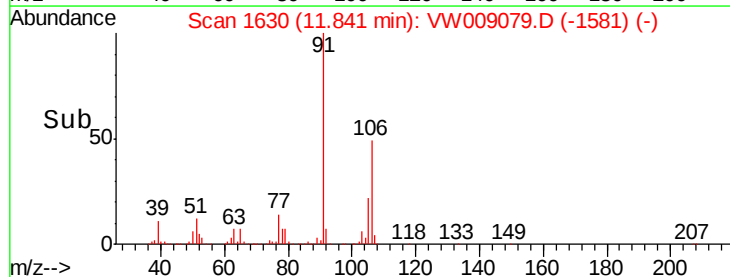
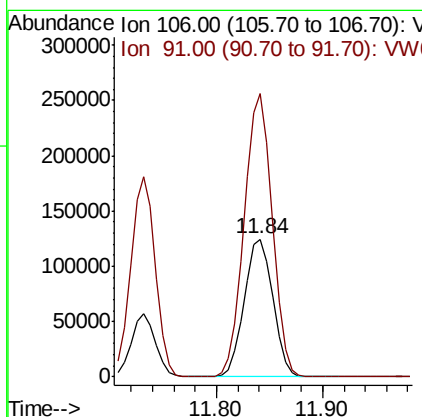
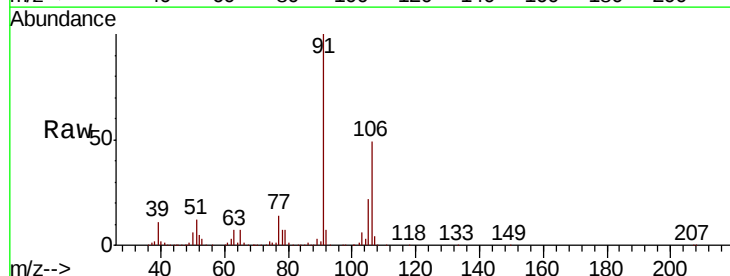
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

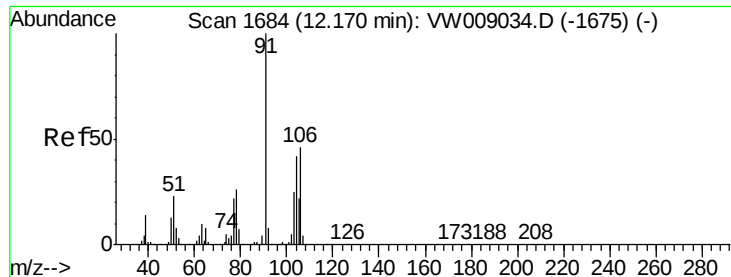
Tgt Ion: 91 Resp: 292113
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 39.593 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 106 Resp: 236771
Ion Ratio Lower Upper
106 100
91 200.9 163.2 244.8

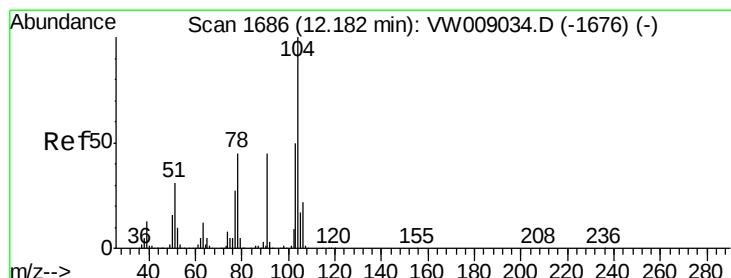
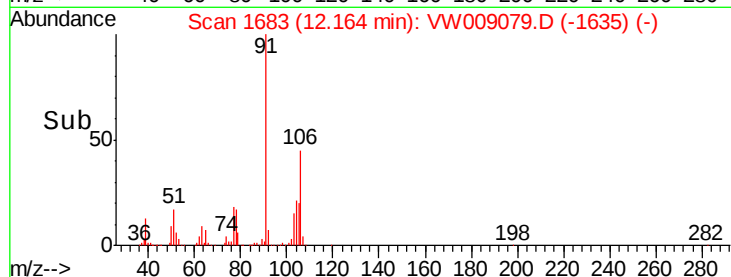
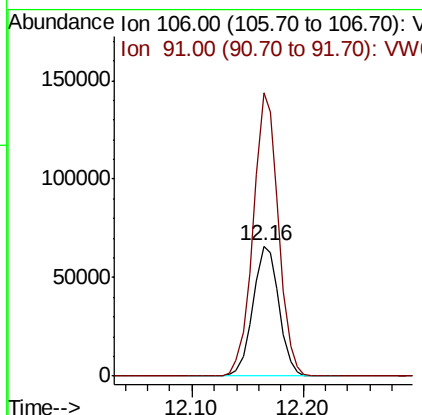
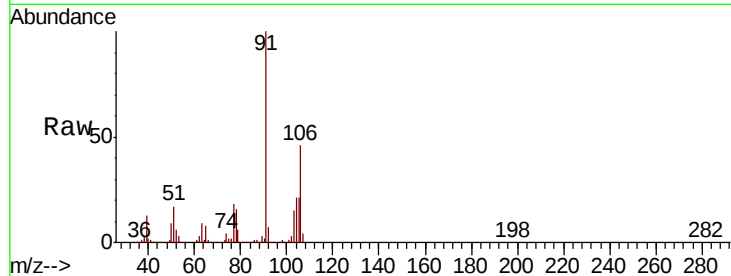




#69
o-Xylene
Concen: 19.291 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

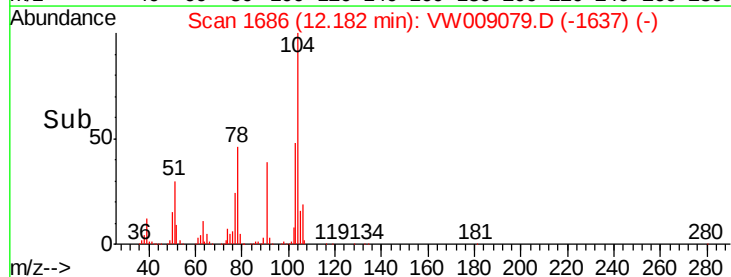
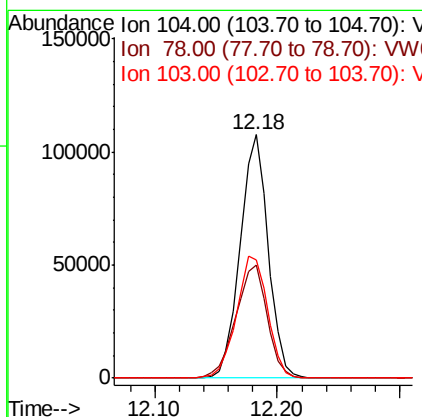
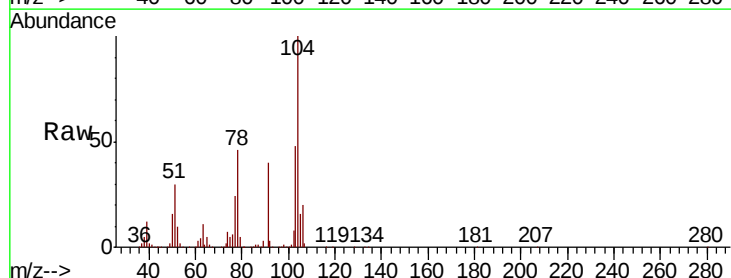
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

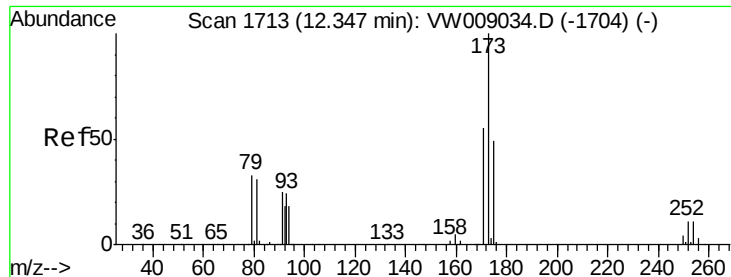
Tgt Ion:106 Resp: 107341
Ion Ratio Lower Upper
106 100
91 211.5 108.6 325.6



#70
Styrene
Concen: 18.932 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion:104 Resp: 170436
Ion Ratio Lower Upper
104 100
78 52.1 42.1 63.1
103 55.8 43.9 65.9

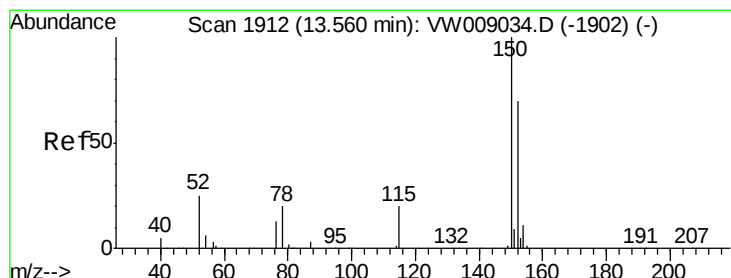
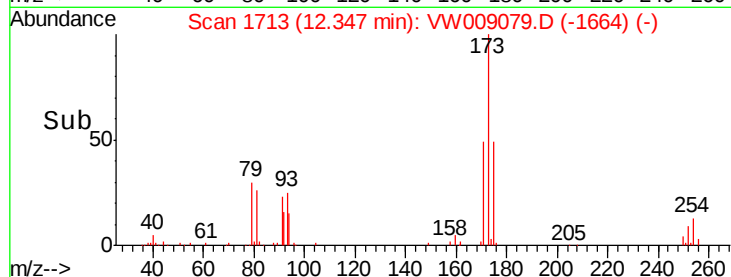
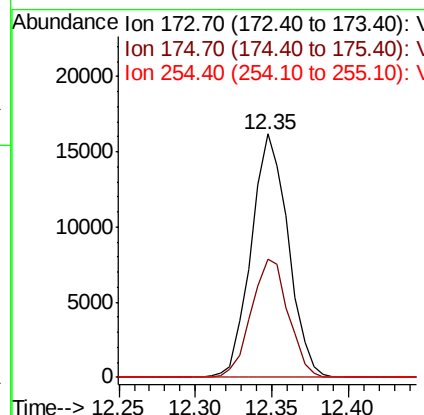
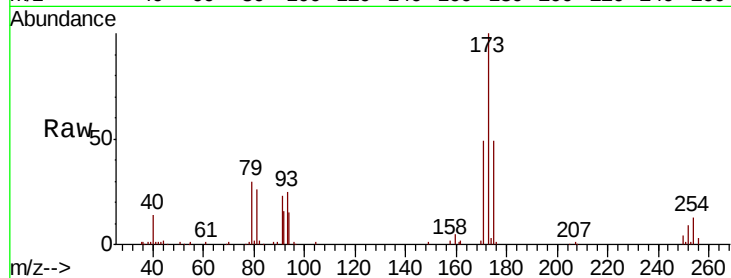




#71
Bromoform
Concen: 18.122 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

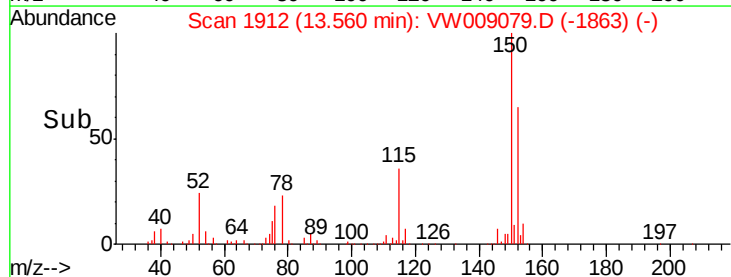
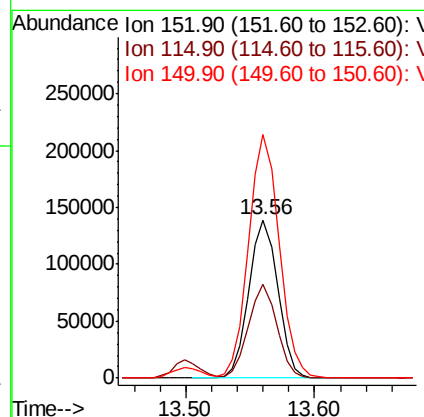
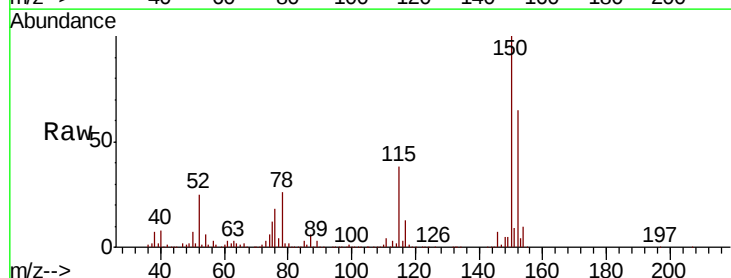
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

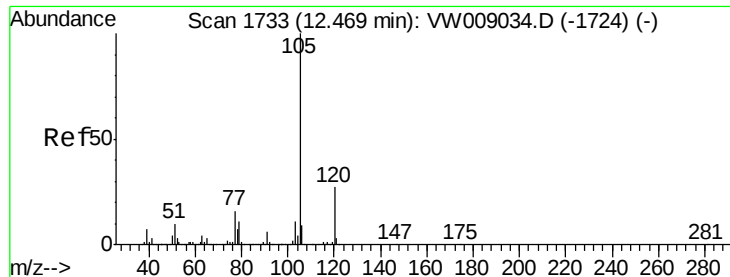
Tgt Ion:173 Resp: 27248
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion:152 Resp: 216223
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 162.4 0.0 349.2





#73

Isopropylbenzene

Concen: 19.025 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

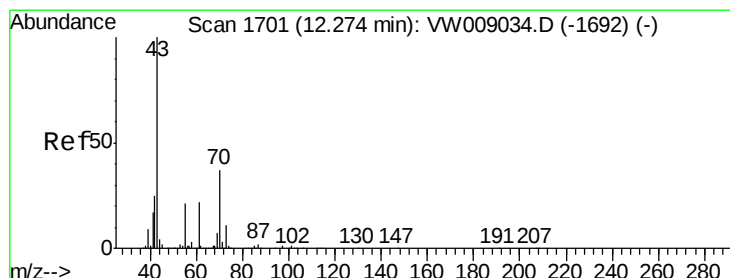
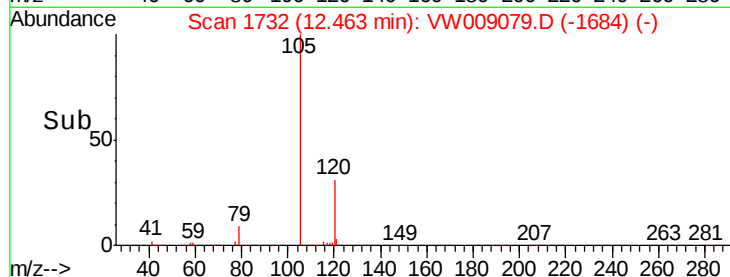
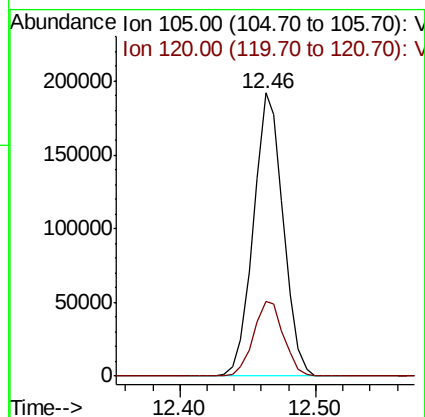
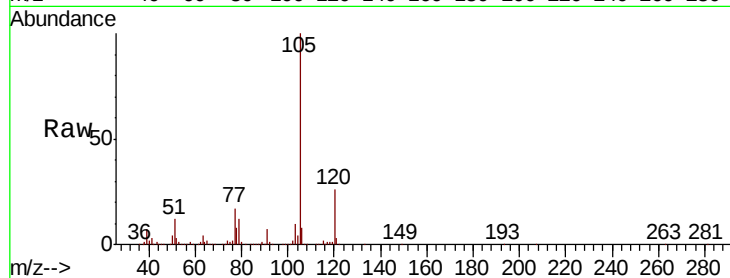
VW0311SBS01

Tgt Ion: 105 Resp: 294581

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 15.417 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Tgt Ion: 43 Resp: 56512

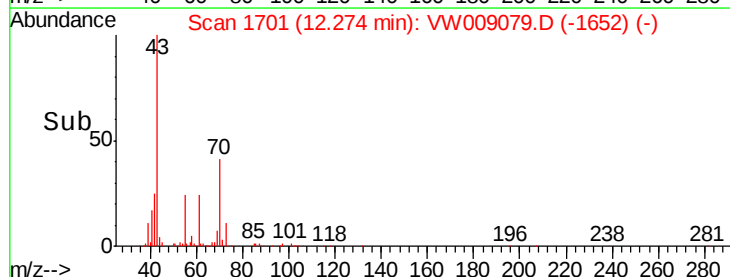
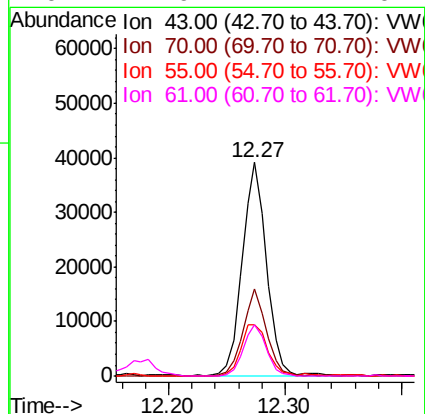
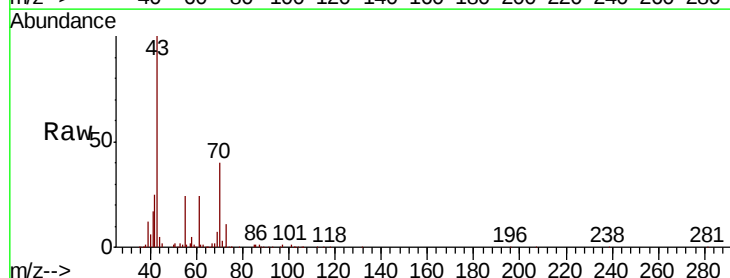
Ion Ratio Lower Upper

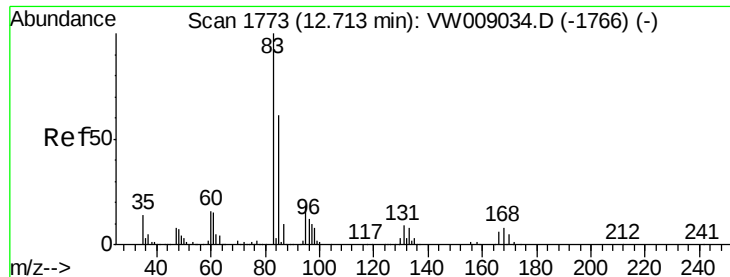
43 100

70 39.3 30.8 46.2

55 26.4 17.8 26.8

61 22.9 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.165 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBS01

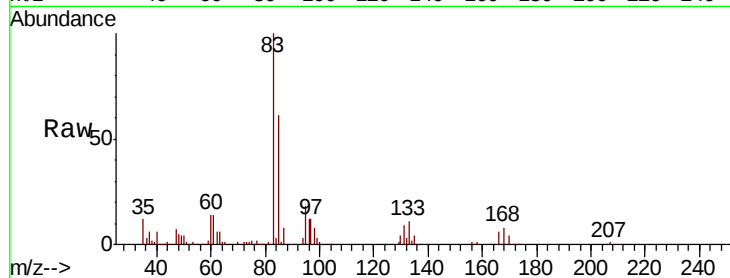
Tgt Ion: 83 Resp: 41925

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.7

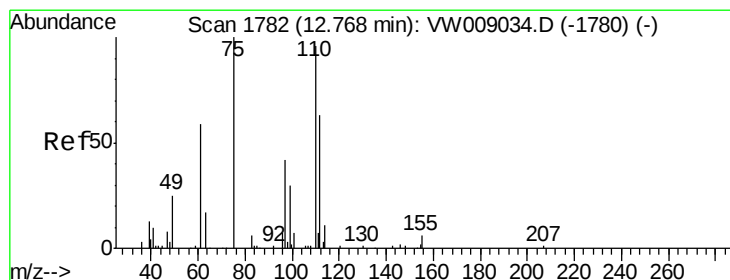
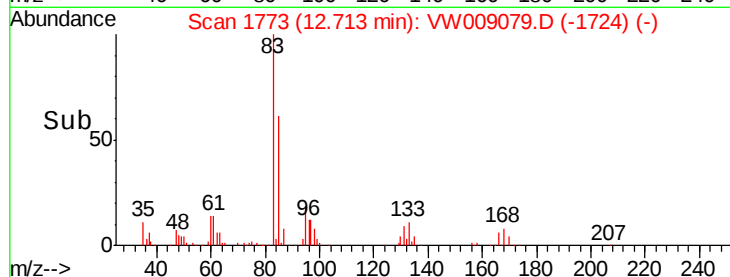
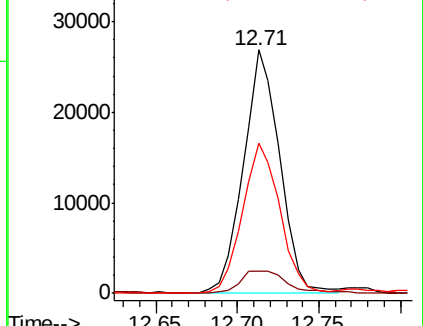
85 63.3 31.7 95.1



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: 34.340 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009079.D

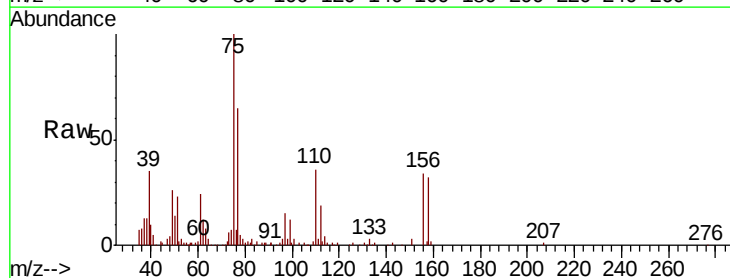
Acq: 11 Mar 2019 11:56

Tgt Ion: 75 Resp: 58664

Ion Ratio Lower Upper

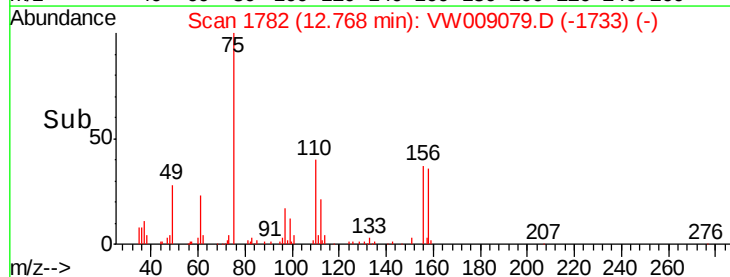
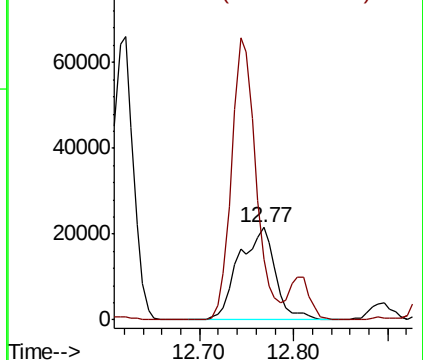
75 100

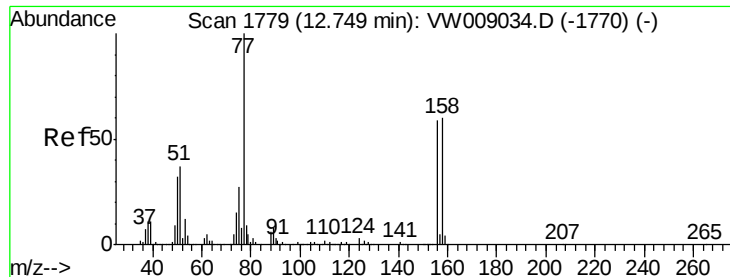
77 0.0 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.069 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBS01

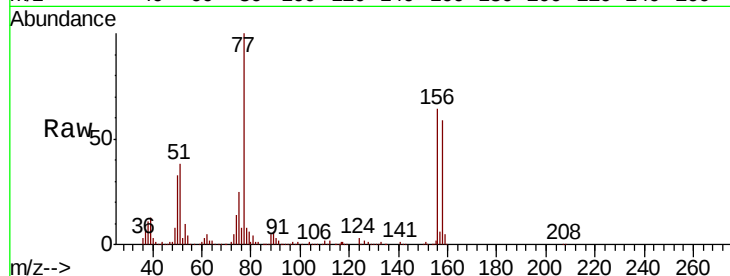
Tgt Ion:156 Resp: 67466

Ion Ratio Lower Upper

156 100

77 176.4 93.0 279.2

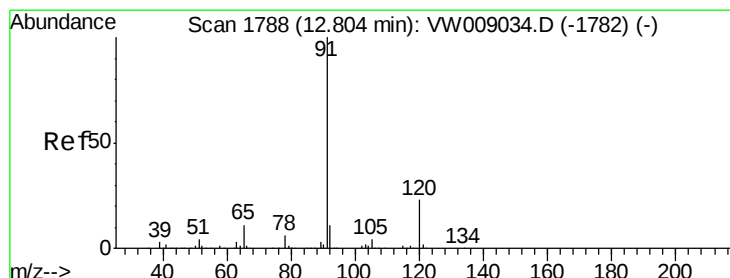
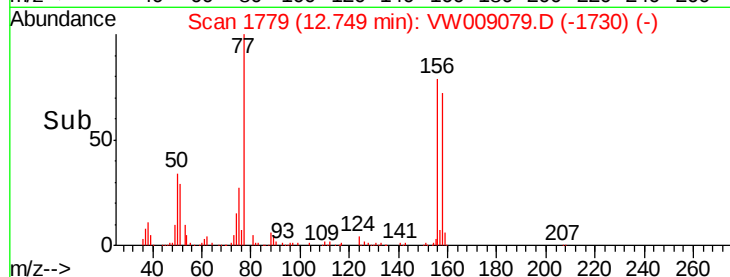
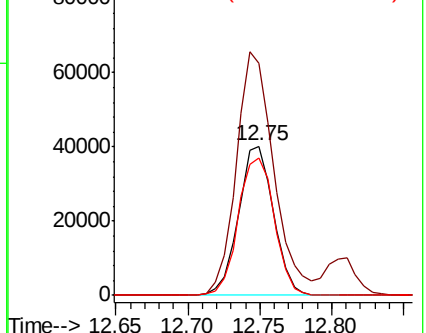
158 95.0 50.0 149.8



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: 19.475 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009079.D

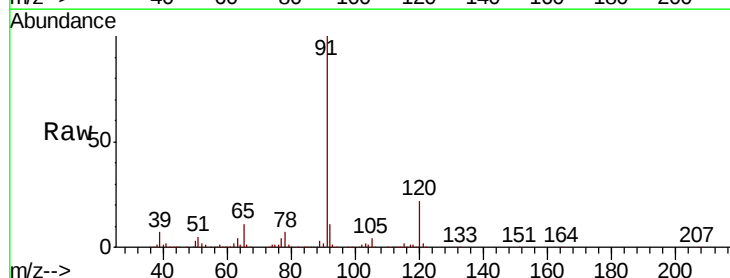
Acq: 11 Mar 2019 11:56

Tgt Ion: 91 Resp: 371431

Ion Ratio Lower Upper

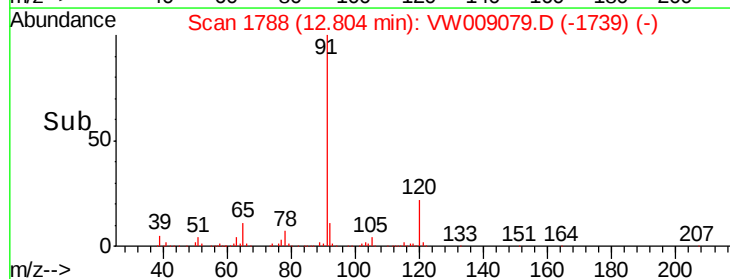
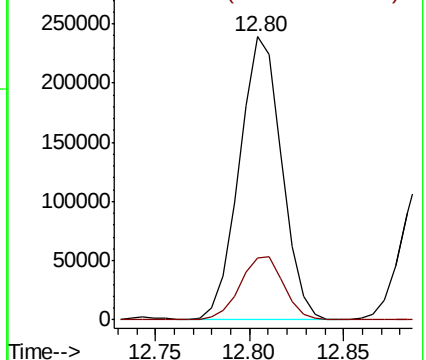
91 100

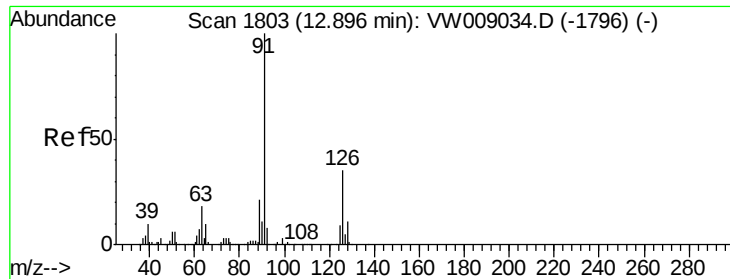
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

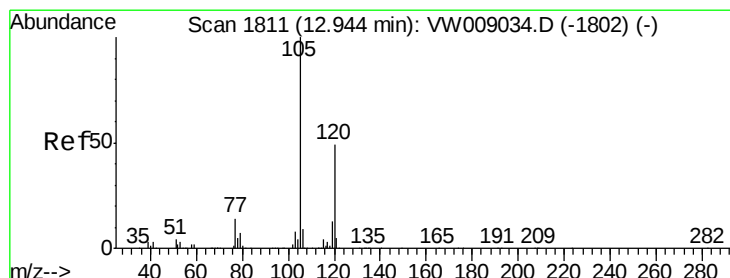
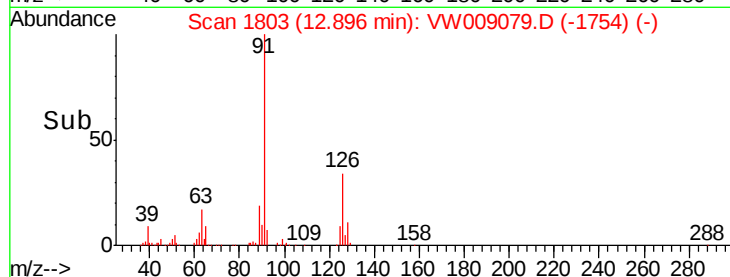
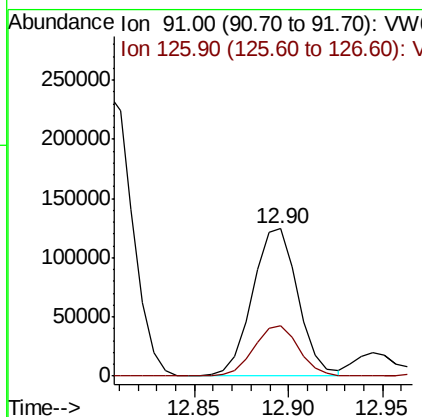
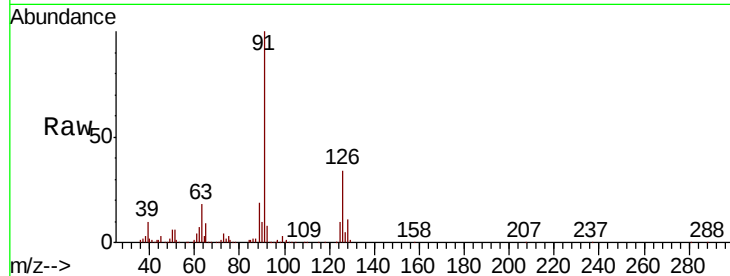




#79
 2-Chlorotoluene
 Concen: 19.394 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

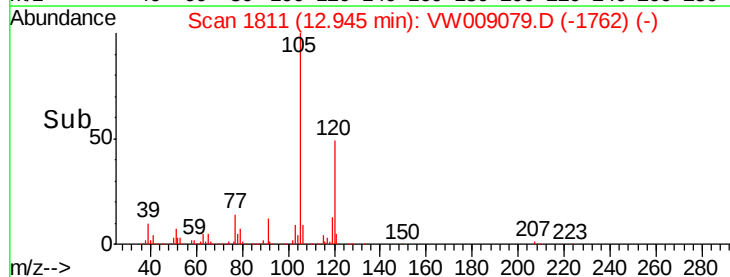
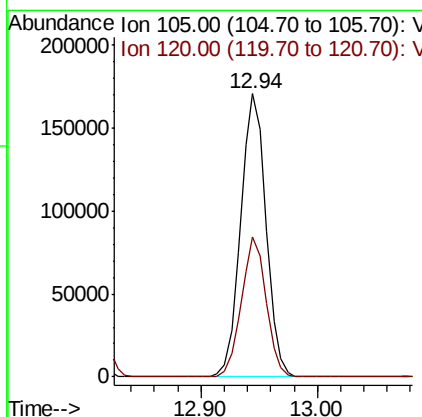
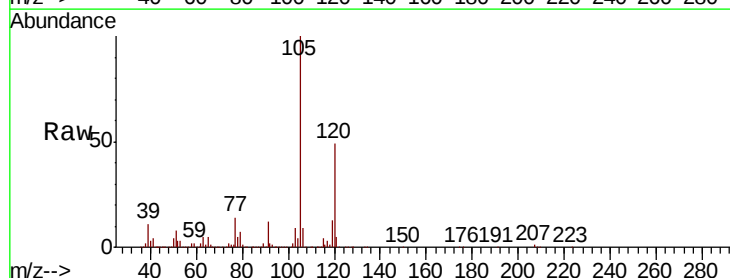
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

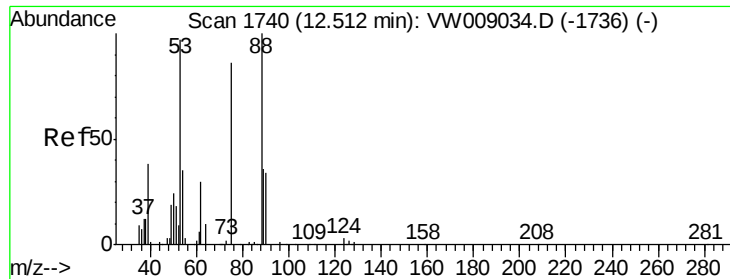
Tgt Ion: 91 Resp: 207818
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.377 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion: 105 Resp: 258618
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.2

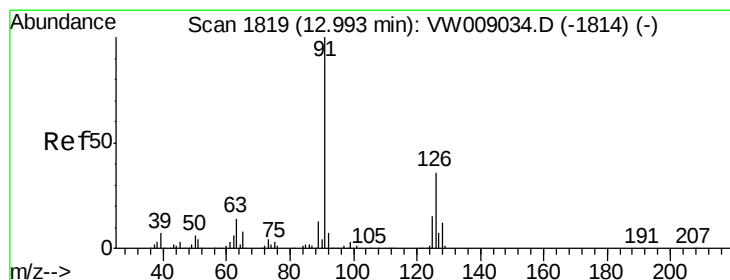
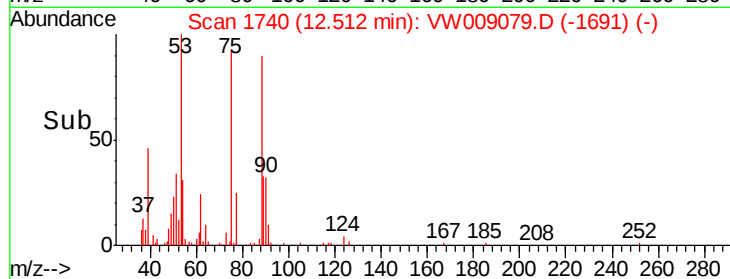
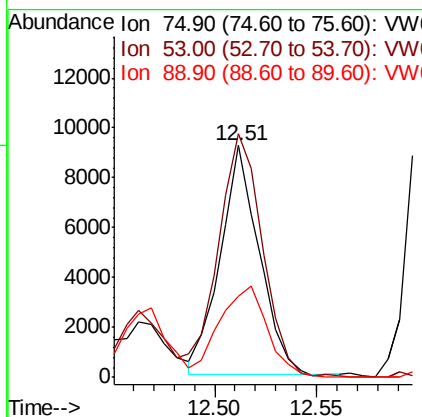
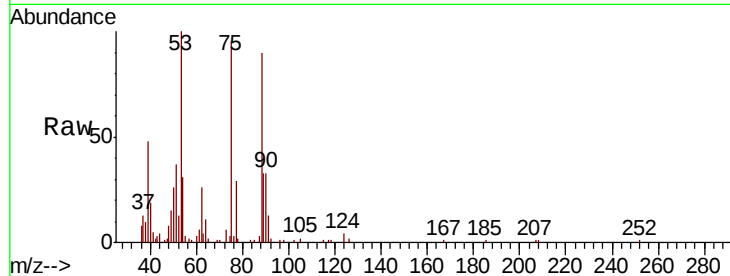




#81
trans-1,4-Dichloro-2-butene
Concen: 15.932 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

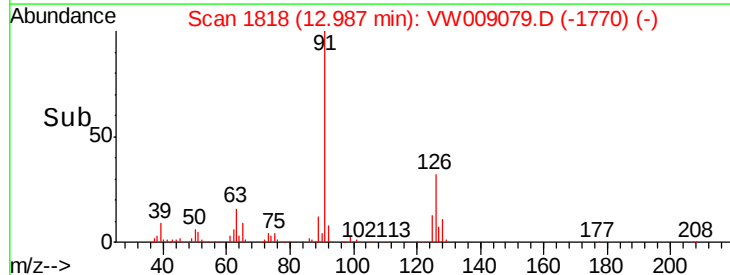
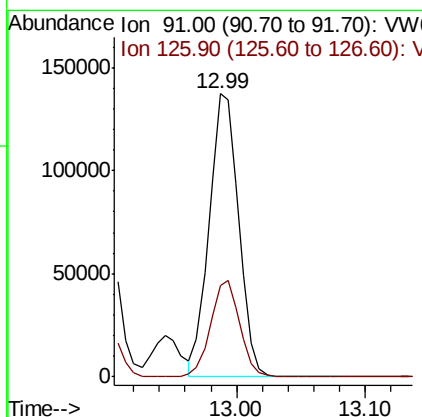
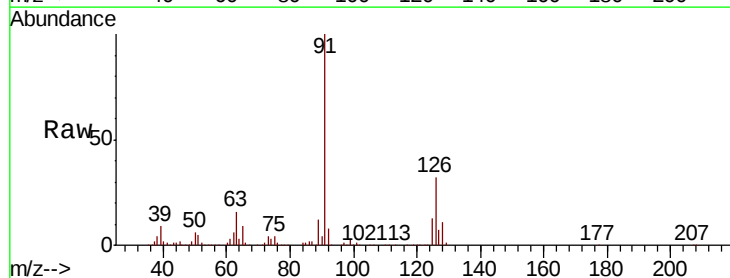
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

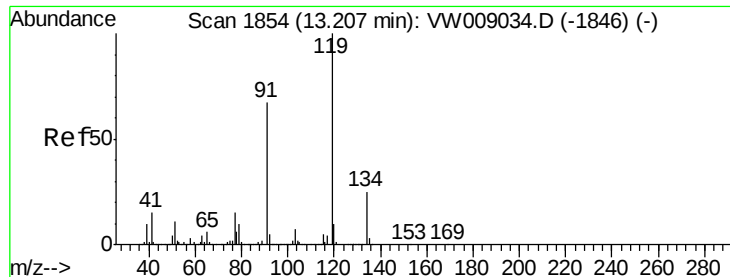
Tgt Ion: 75 Resp: 12168
Ion Ratio Lower Upper
75 100
53 122.1 90.5 135.7
89 49.2 37.5 56.3



#82
4-Chlorotoluene
Concen: 19.236 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion: 91 Resp: 219725
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 19.339 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBS01

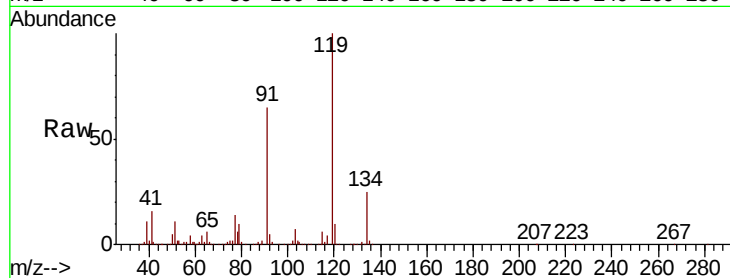
Tgt Ion:119 Resp: 217692

Ion Ratio Lower Upper

119 100

91 67.6 34.2 102.5

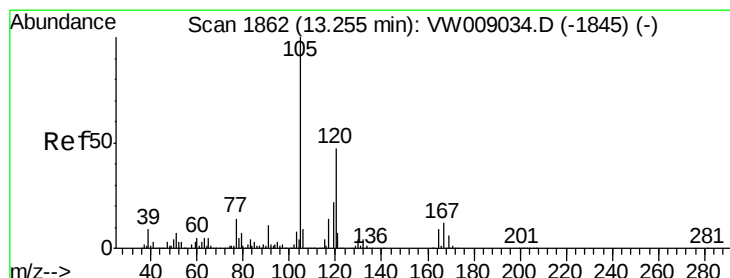
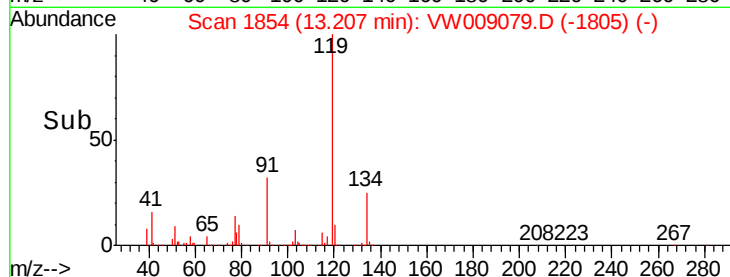
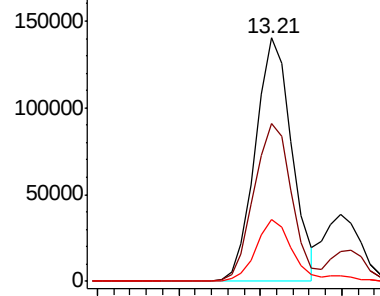
134 24.8 13.9 41.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.227 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009079.D

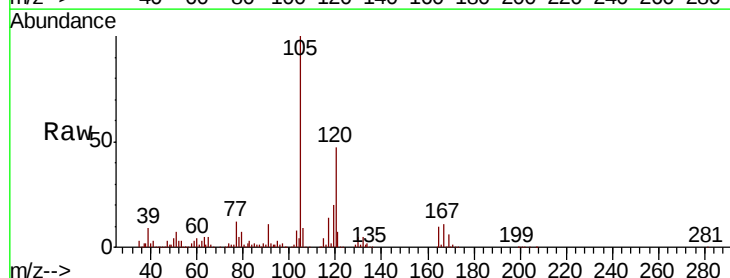
Acq: 11 Mar 2019 11:56

Tgt Ion:105 Resp: 259592

Ion Ratio Lower Upper

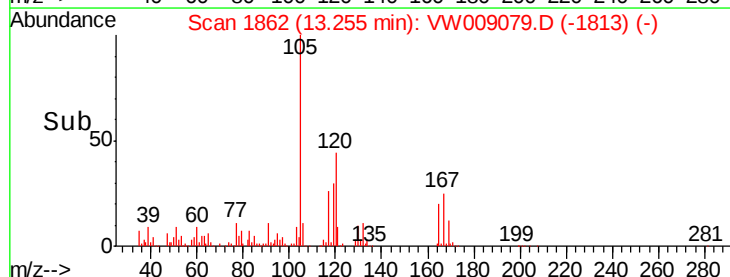
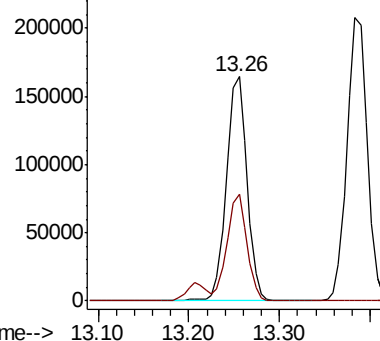
105 100

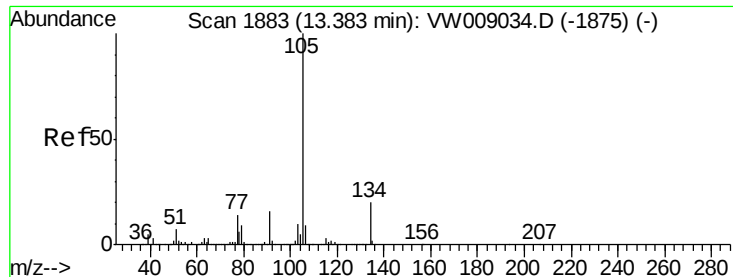
120 45.5 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

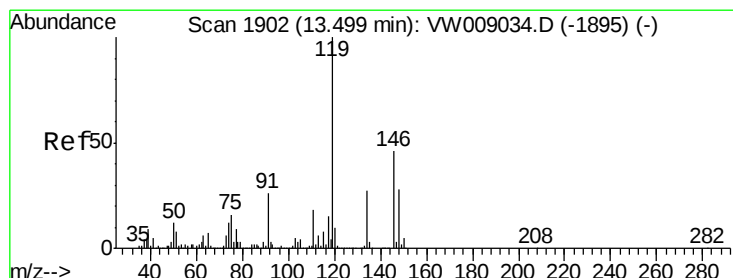
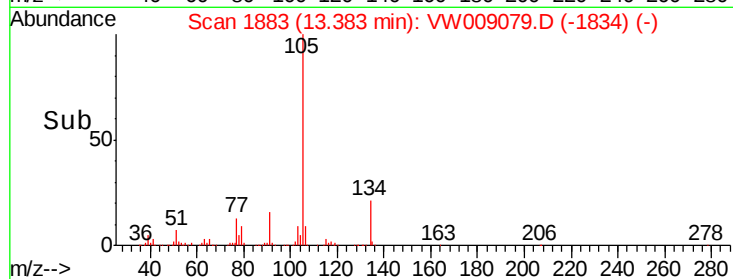
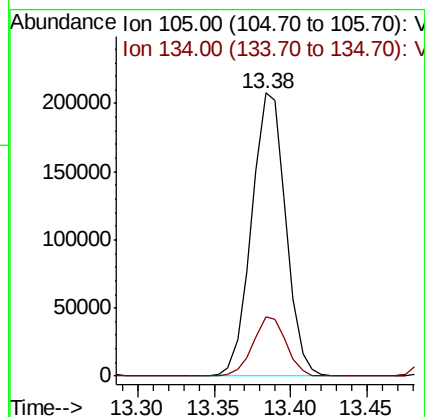
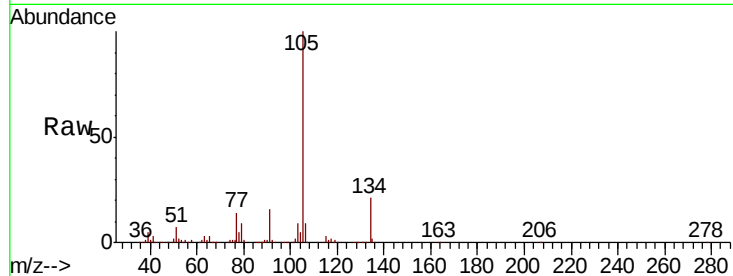




#85
 sec-Butylbenzene
 Concen: 19.298 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

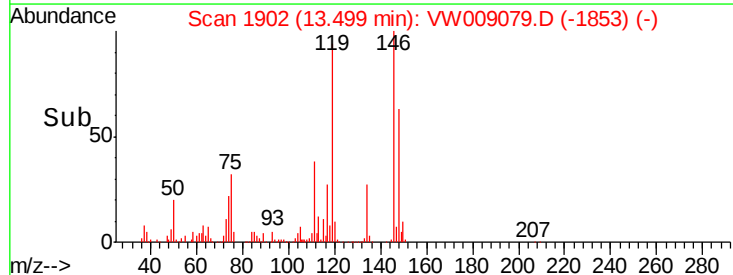
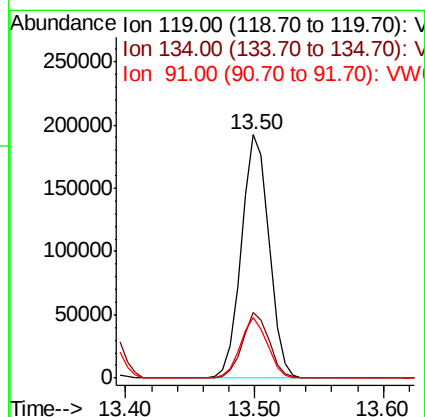
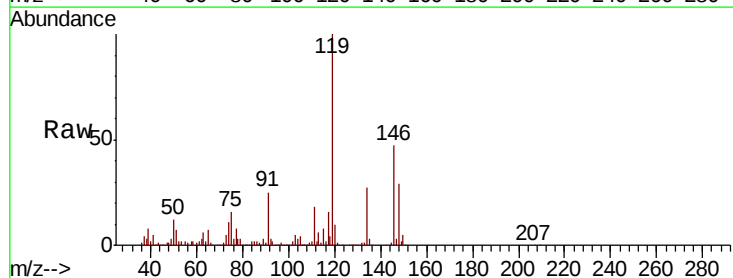
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

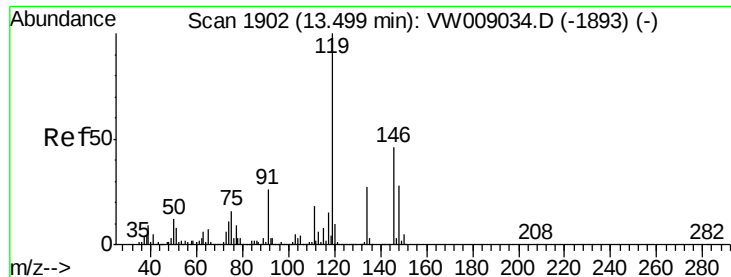
Tgt Ion:105 Resp: 321847
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.030 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion:119 Resp: 283922
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 24.2 12.3 36.9

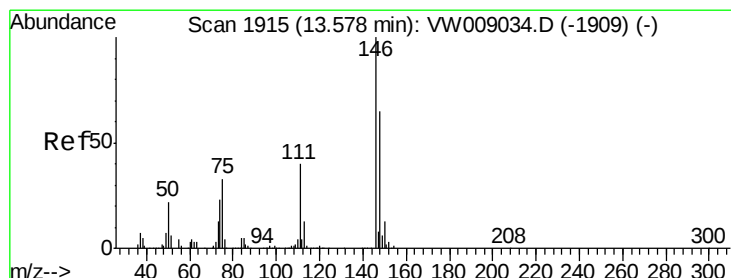
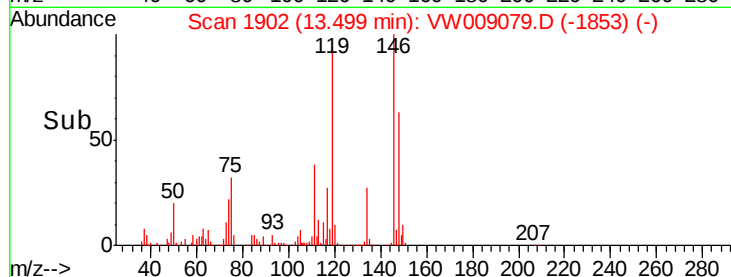
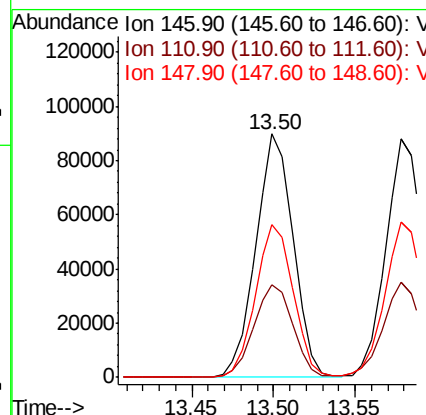
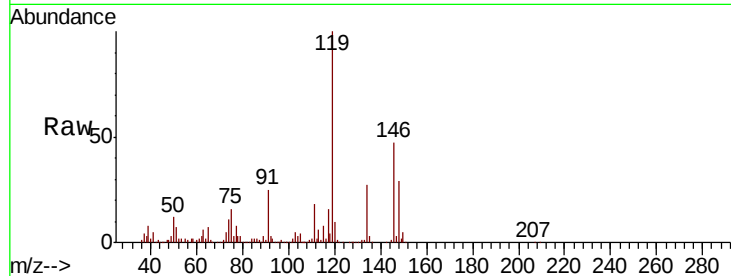




#87
 1,3-Dichlorobenzene
 Concen: 19.336 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

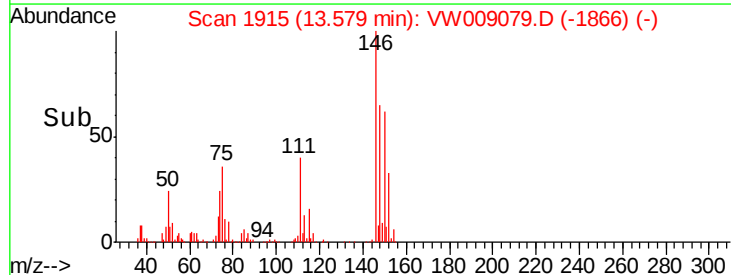
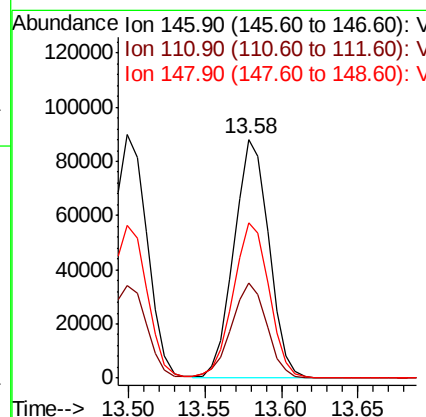
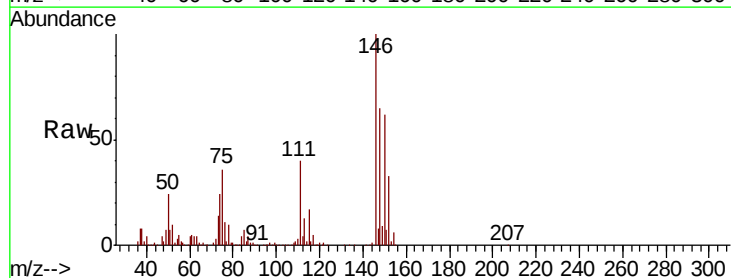
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

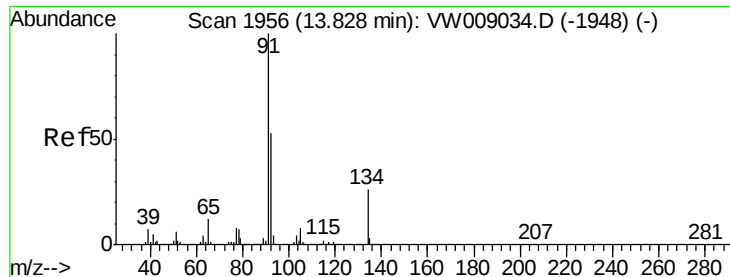
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	62.9	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.034 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.7	59.0
148	66.9	32.2	96.6





#89

n-Butylbenzene

Concen: 19.343 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009079.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBS01

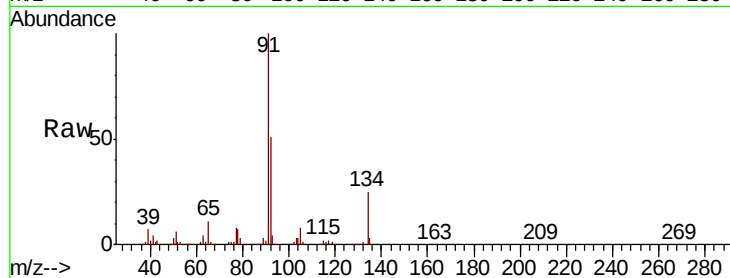
Tgt Ion: 91 Resp: 274356

Ion Ratio Lower Upper

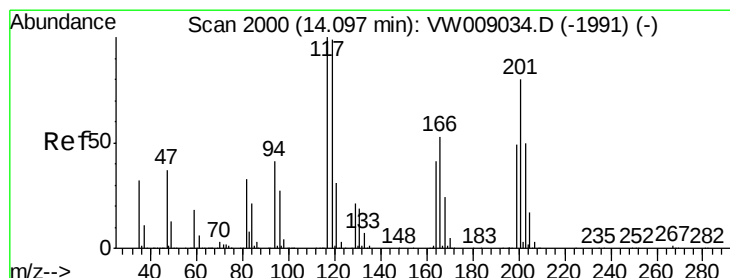
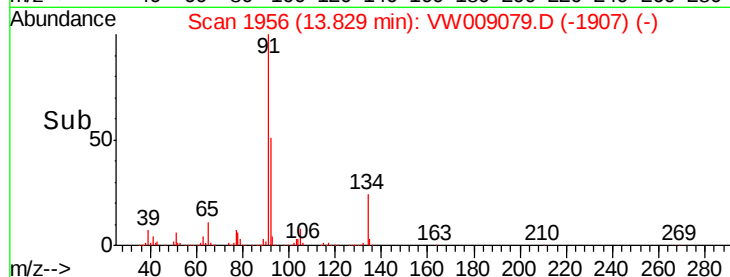
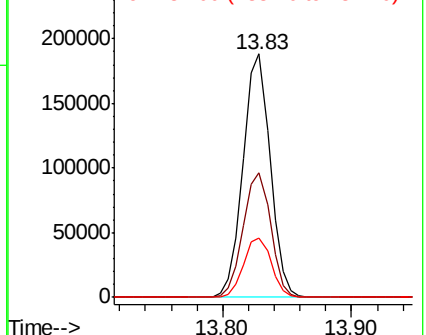
91 100

92 52.1 26.8 80.3

134 24.8 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.749 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009079.D

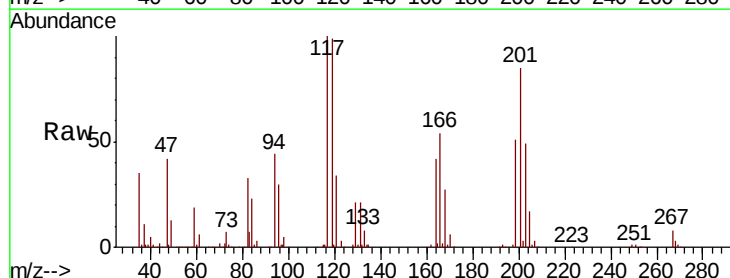
Acq: 11 Mar 2019 11:56

Tgt Ion: 117 Resp: 50819

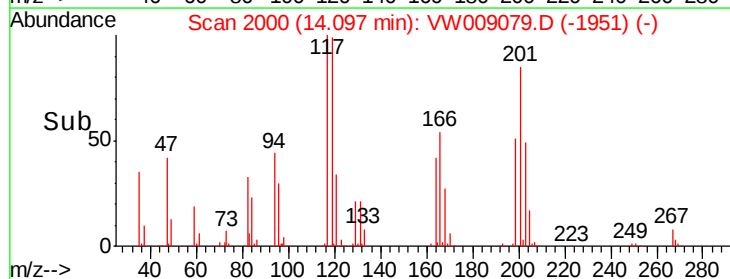
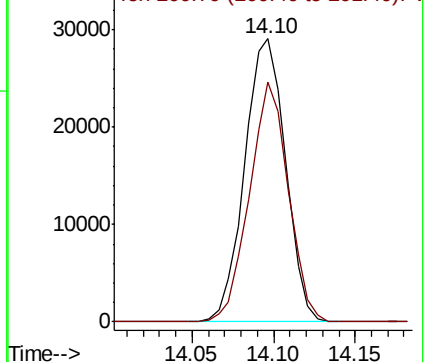
Ion Ratio Lower Upper

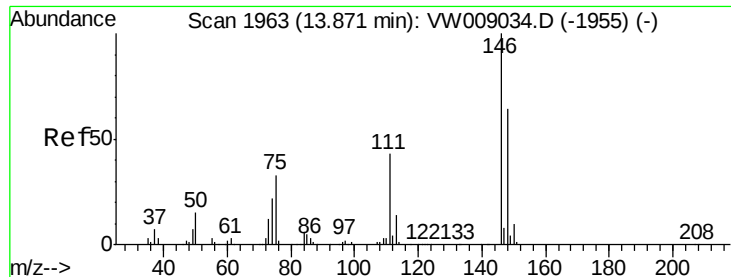
117 100

201 80.4 39.1 117.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

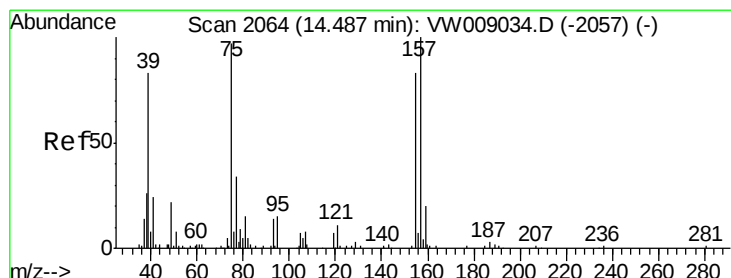
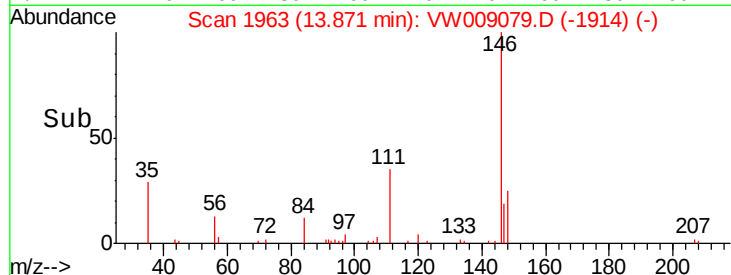
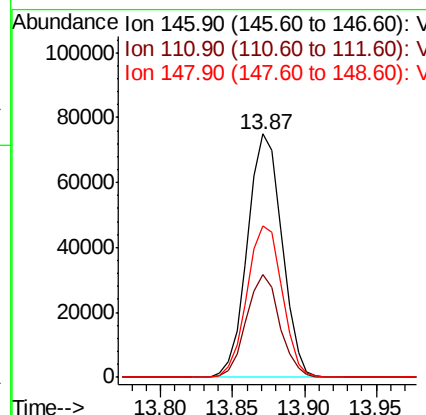
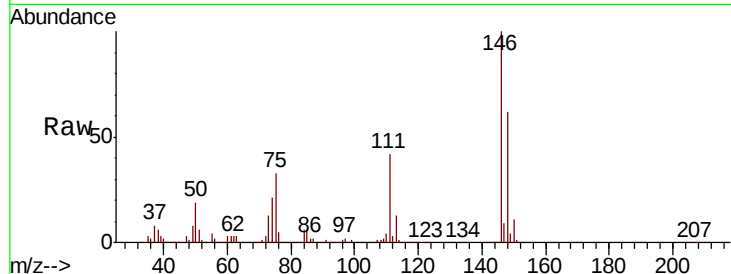




#91
 1,2-Dichlorobenzene
 Concen: 18.900 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

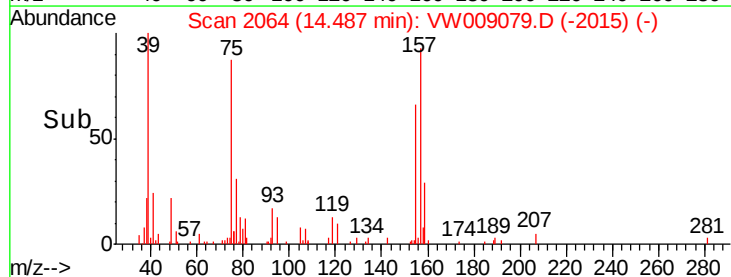
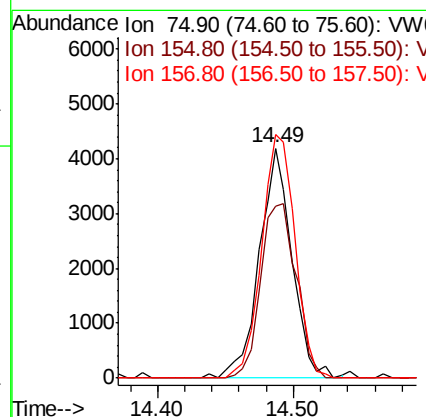
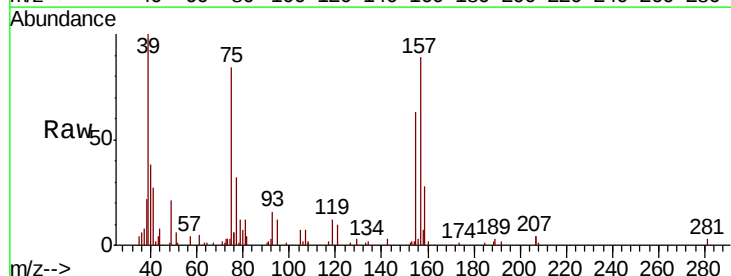
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

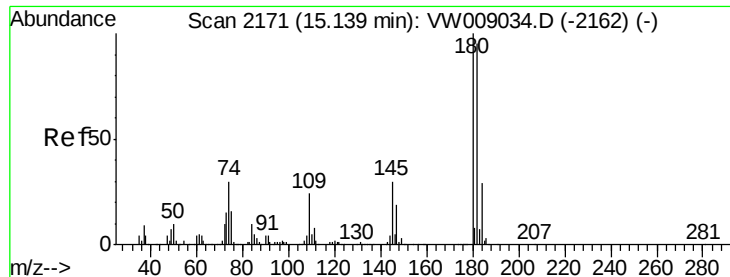
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.1	63.1
148	63.7	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.255 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	40.8	122.4
157	108.0	52.4	157.3

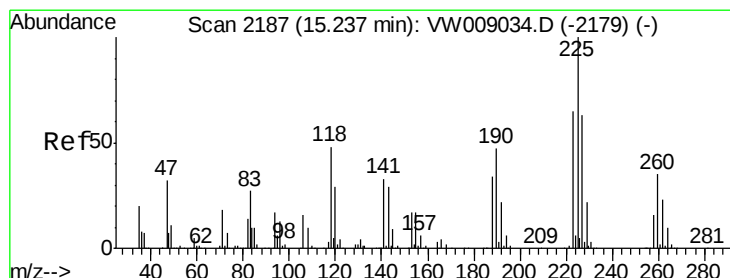
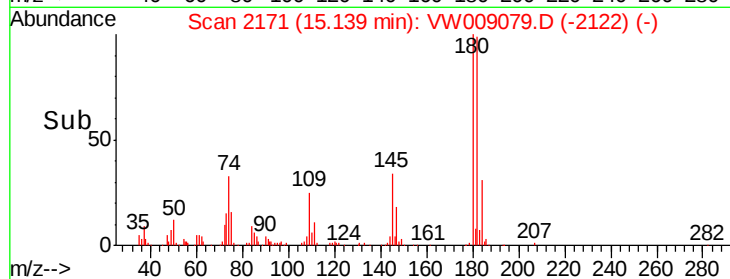
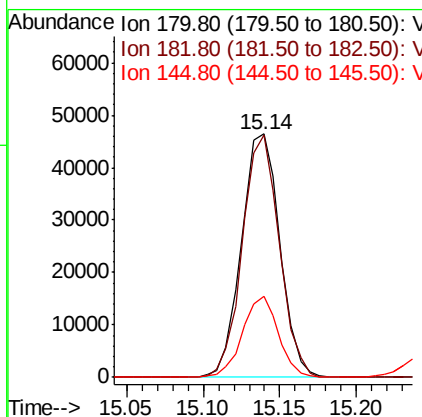
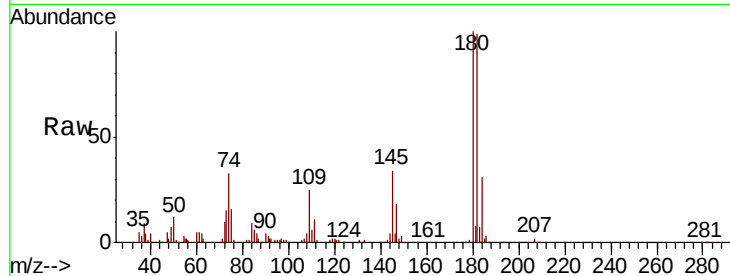




#93
 1,2,4-Trichlorobenzene
 Concen: 18.307 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

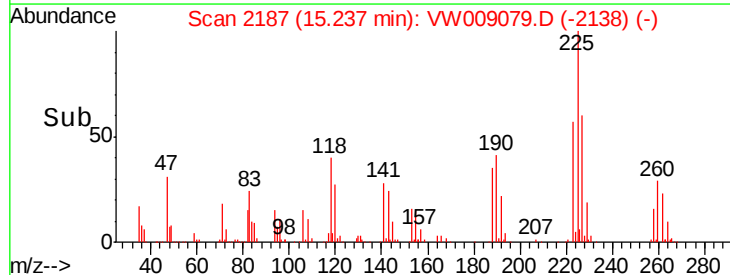
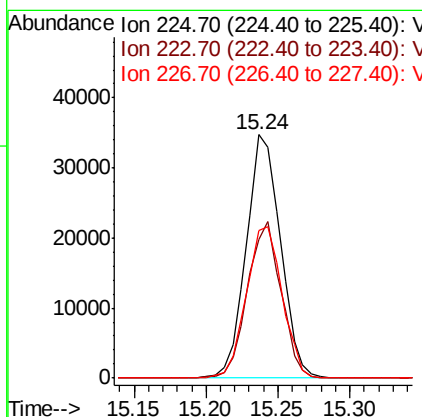
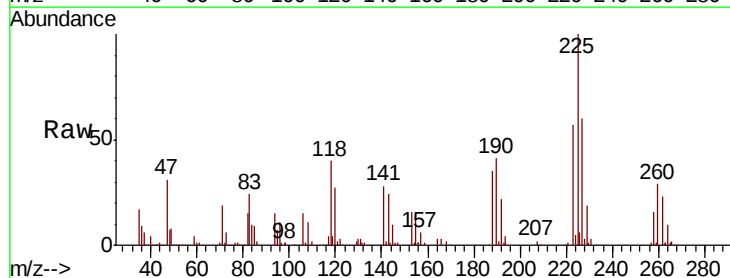
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS01

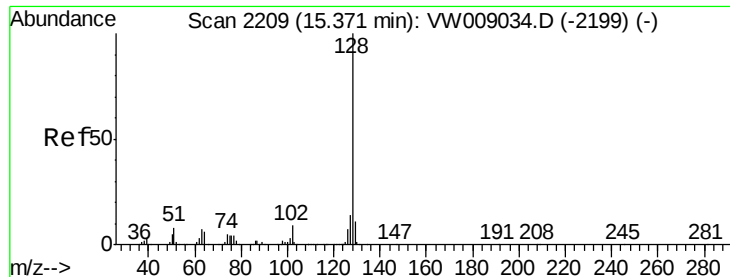
Tgt Ion:180 Resp: 81104
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.1 144.3
 145 31.2 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 20.553 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW009079.D
 Acq: 11 Mar 2019 11:56

Tgt Ion:225 Resp: 57034
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 94.8
 227 65.2 32.0 96.2

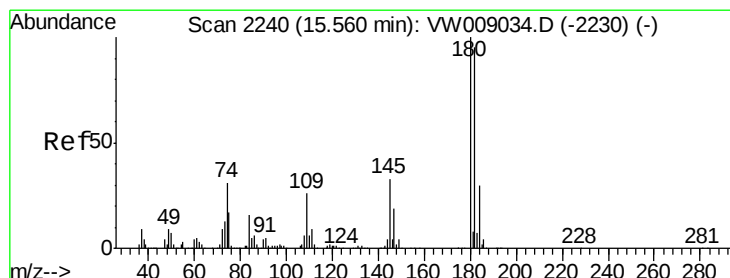
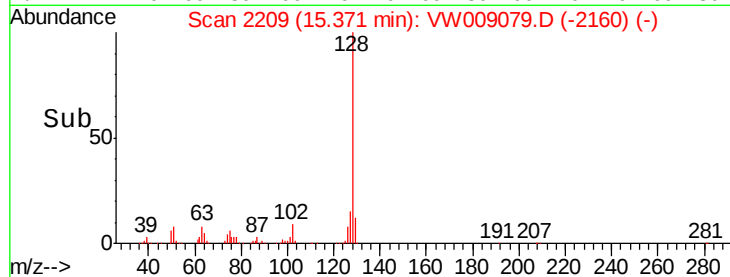
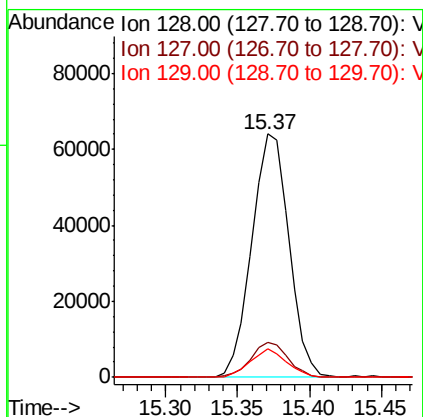
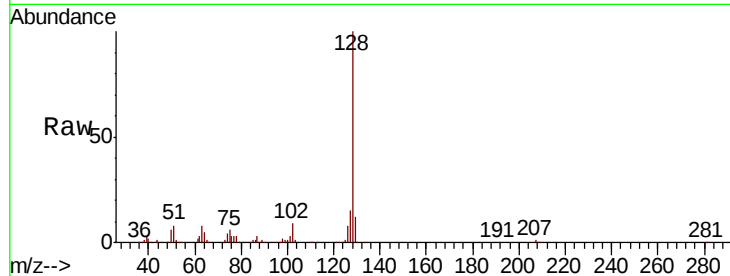




#95
Naphthalene
Concen: 15.772 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VW0311SBS01

Tgt Ion:128 Resp: 114382
Ion Ratio Lower Upper
128 100
127 14.3 11.0 16.6
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.122 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009079.D
Acq: 11 Mar 2019 11:56

Tgt Ion:180 Resp: 70595
Ion Ratio Lower Upper
180 100
182 92.5 48.1 144.3
145 30.8 15.8 47.3

