

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008097.D
 Acq On : 09 Jan 2019 12:37
 Operator : SY/AP
 Sample : VW0109SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS01

Quant Time: Jan 10 05:56:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67368	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46171	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
35) Dibromofluoromethane	7.88	113	43529	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.32	98	184754	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.62	95	62626	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	14256	18.849	ug/l	93
3) Chloromethane	2.21	50	18938	19.301	ug/l	98
4) Vinyl Chloride	2.37	62	26179	20.442	ug/l	95
5) Bromomethane	2.79	94	21216	22.116	ug/l	99
6) Chloroethane	2.93	64	17411	18.068	ug/l	100
7) Trichlorofluoromethane	3.26	101	18996	18.246	ug/l	93
8) Diethyl Ether	3.68	74	11736	19.940	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	21608	20.904	ug/l	98
10) Methyl Iodide	4.26	142	31355	20.813	ug/l	99
11) Tert butyl alcohol	5.21	59	6687	87.075	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	21204	20.894	ug/l	96
13) Acrolein	3.90	56	5686	80.989	ug/l	98
14) Allyl chloride	4.67	41	38995	21.163	ug/l	99
15) Acrylonitrile	5.37	53	22989	102.594	ug/l	100
16) Acetone	4.14	43	22766	109.736	ug/l	92
17) Carbon Disulfide	4.37	76	63045	19.886	ug/l	100
18) Methyl Acetate	4.68	43	12612	19.159	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	33040	20.026	ug/l	100
20) Methylene Chloride	4.92	84	24159	20.746	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	22619	20.509	ug/l	90
22) Diisopropyl ether	6.31	45	72109	20.520	ug/l	97
23) Vinyl Acetate	6.26	43	194123	105.182	ug/l	99
24) 1,1-Dichloroethane	6.21	63	41082	20.064	ug/l	98
25) 2-Butanone	7.18	43	31406	108.375	ug/l	98
26) 2,2-Dichloropropane	7.17	77	26847	19.351	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	24232	20.139	ug/l	97
28) Bromochloromethane	7.51	49	14939	18.446	ug/l	98
29) Tetrahydrofuran	7.54	42	19243	99.408	ug/l	99
30) Chloroform	7.68	83	39430	20.232	ug/l	96
31) Cyclohexane	7.96	56	41601	18.979	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	32839	19.365	ug/l	99
36) 1,1-Dichloropropene	8.08	75	33096	20.823	ug/l	99
37) Ethyl Acetate	7.26	43	14249	22.378	ug/l	98
38) Carbon Tetrachloride	8.07	117	29850	20.519	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	40648	20.170	ug/l	96
40) Benzene	8.32	78	90913	21.089	ug/l	97
41) Methacrylonitrile	7.49	41	8117	20.180	ug/l	98
42) 1,2-Dichloroethane	8.40	62	24615	20.302	ug/l	100
43) Isopropyl Acetate	8.43	43	27496	21.597	ug/l	98
44) Trichloroethene	9.09	130	23167	20.994	ug/l	97
45) 1,2-Dichloropropane	9.37	63	23515	21.999	ug/l	97
46) Dibromomethane	9.46	93	10786	20.547	ug/l	96
47) Bromodichloromethane	9.65	83	26686	20.021	ug/l	95
48) Methyl methacrylate	9.44	41	12960	21.574	ug/l	100
49) 1,4-Dioxane	9.46	88	3318	393.033	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	64899	105.312	ug/l	98
52) Toluene	10.39	92	57147	20.758	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	28376	20.466	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	34331	20.881	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	15538	21.082	ug/l	97
56) Ethyl methacrylate	10.65	69	19370	21.222	ug/l	99
57) 1,3-Dichloropropane	10.93	76	28136	20.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	48756	103.412	ug/l	99
59) 2-Hexanone	10.97	43	45936	110.227	ug/l	97
60) Dibromochloromethane	11.13	129	16894	20.874	ug/l	97
61) 1,2-Dibromoethane	11.24	107	14409	20.604	ug/l	100
64) Tetrachloroethene	10.86	164	19225	21.673	ug/l	94
65) Chlorobenzene	11.66	112	60484	20.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	19609	20.877	ug/l	99
67) Ethyl Benzene	11.73	91	109433	20.711	ug/l	100
68) m/p-Xylenes	11.84	106	84714	42.005	ug/l	98
69) o-Xylene	12.17	106	39473	21.136	ug/l	97
70) Styrene	12.18	104	61639	21.071	ug/l	99
71) Bromoform	12.35	173	9092	21.629	ug/l #	94
73) Isopropylbenzene	12.47	105	108456	20.506	ug/l	99
74) N-amyl acetate	12.27	43	24805	21.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	17624	20.818	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	23531	38.316	ug/l	26
77) Bromobenzene	12.75	156	23193	20.753	ug/l	95
78) n-propylbenzene	12.81	91	131987	20.367	ug/l	99
79) 2-Chlorotoluene	12.90	91	72443	20.037	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	89325	20.552	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5628	21.341	ug/l	98
82) 4-Chlorotoluene	12.99	91	77055	20.236	ug/l	98
83) tert-Butylbenzene	13.21	119	79813	20.757	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	91055	20.313	ug/l	99
85) sec-Butylbenzene	13.39	105	115073	20.430	ug/l	100
86) p-Isopropyltoluene	13.51	119	99670	20.492	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	47017	20.740	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	47264	20.780	ug/l	98
89) n-Butylbenzene	13.83	91	98263	20.627	ug/l	99
90) Hexachloroethane	14.10	117	16993	20.684	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	42257	21.210	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2713	19.913	ug/l	90

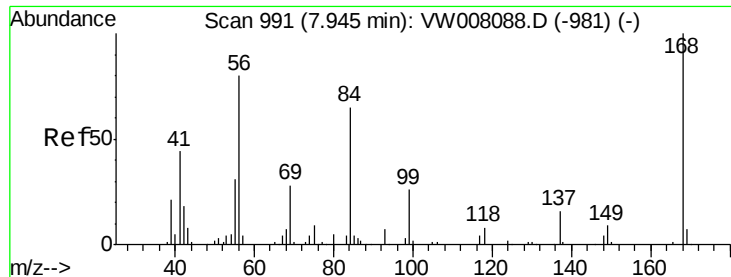
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	28131	21.267	ug/l	99
94) Hexachlorobutadiene	15.24	225	16060	22.684	ug/l	98
95) Naphthalene	15.38	128	49773	20.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	24414	21.651	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

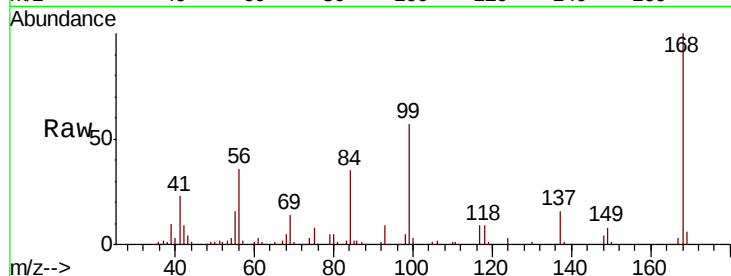
VW0109SBSD01

Tgt Ion:168 Resp: 92671

Ion Ratio Lower Upper

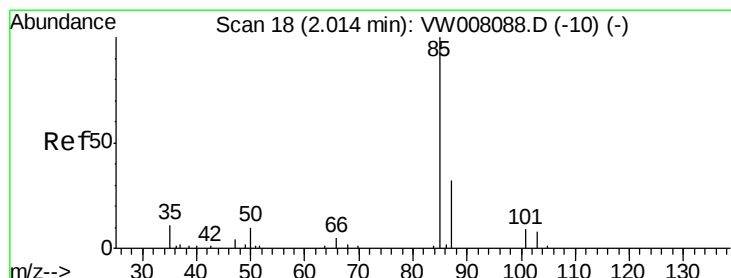
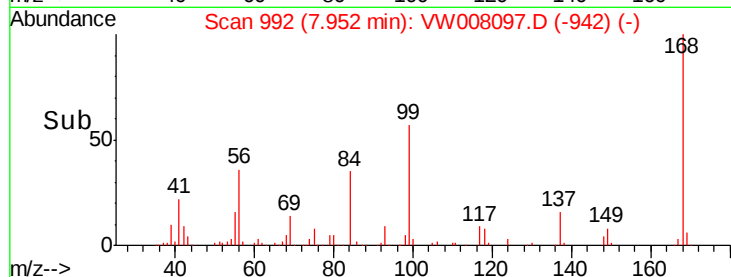
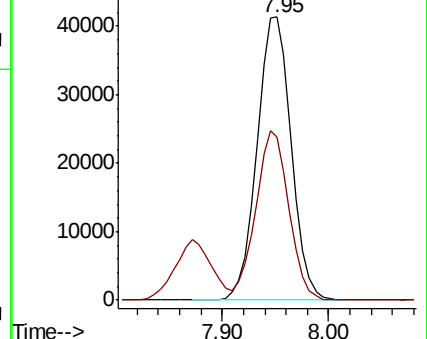
168 100

99 57.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.849 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008097.D

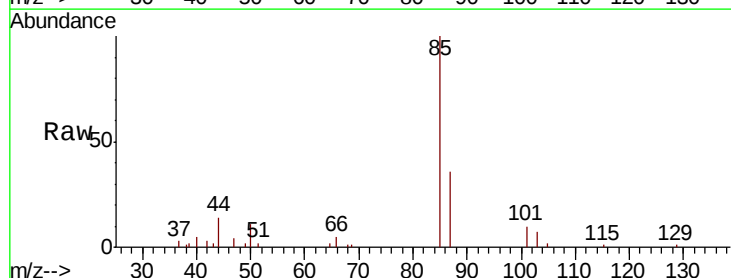
Acq: 09 Jan 2019 12:37

Tgt Ion: 85 Resp: 14256

Ion Ratio Lower Upper

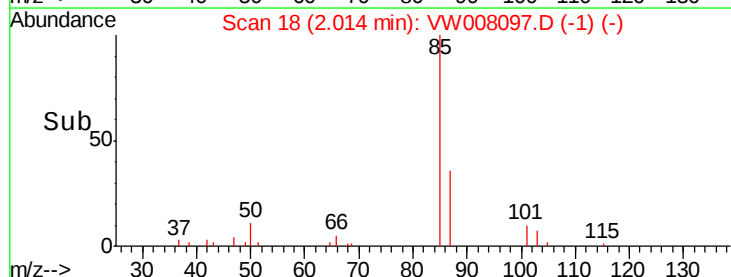
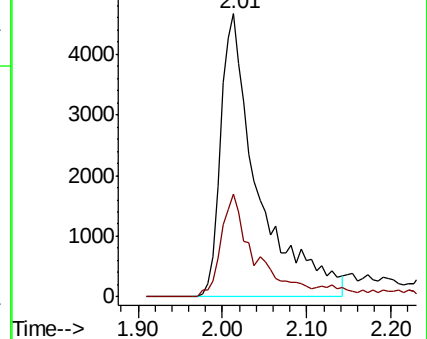
85 100

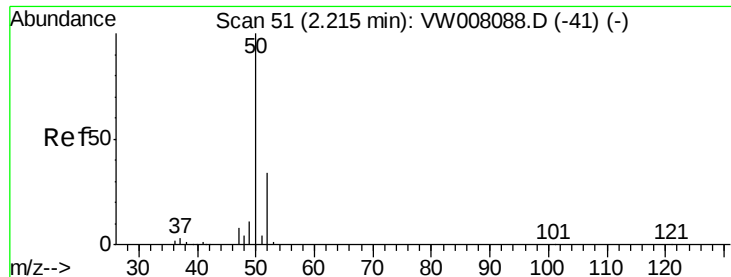
87 36.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.301 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

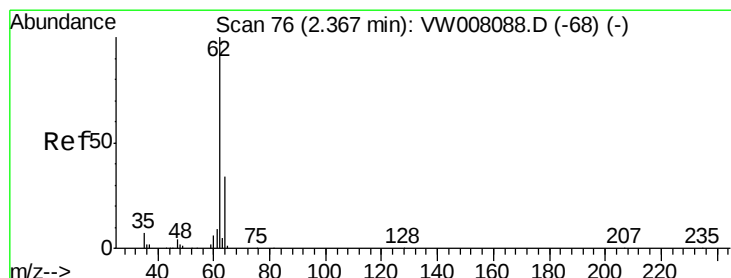
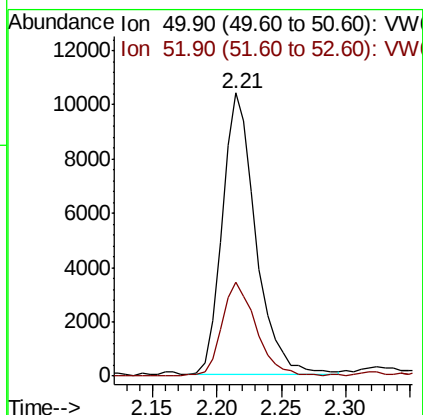
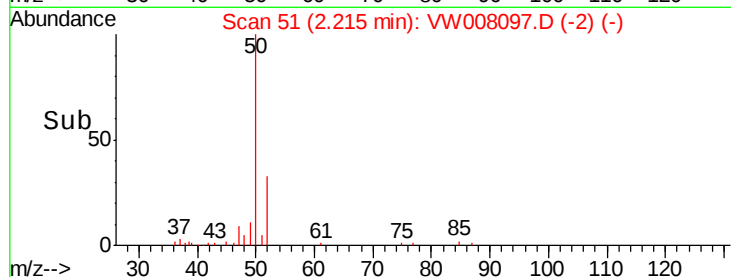
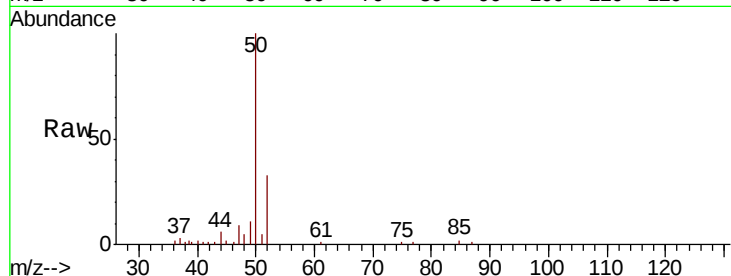
VW0109SBSD01

Tgt Ion: 50 Resp: 18938

Ion Ratio Lower Upper

50 100

52 32.6 26.8 40.2



#4

Vinyl Chloride

Concen: 20.442 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008097.D

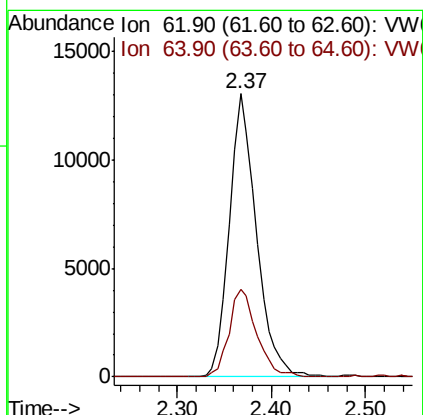
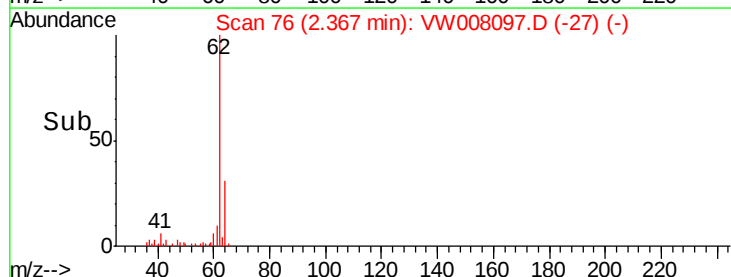
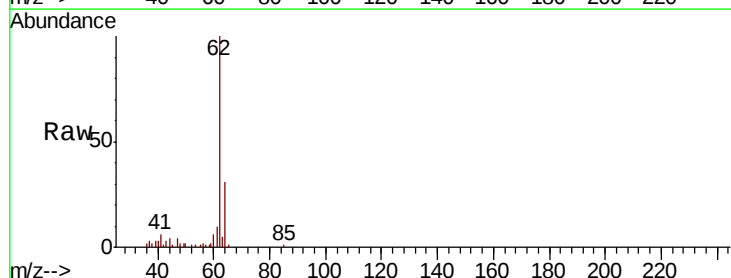
Acq: 09 Jan 2019 12:37

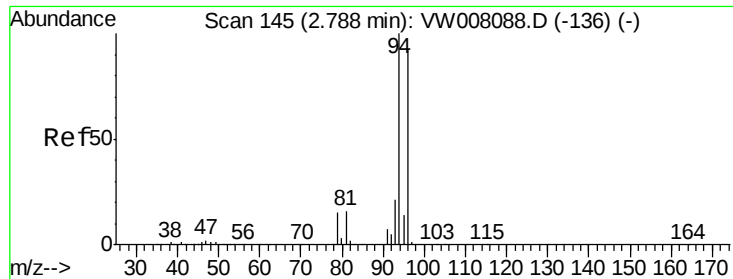
Tgt Ion: 62 Resp: 26179

Ion Ratio Lower Upper

62 100

64 30.8 27.0 40.6





#5

Bromomethane

Concen: 22.116 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

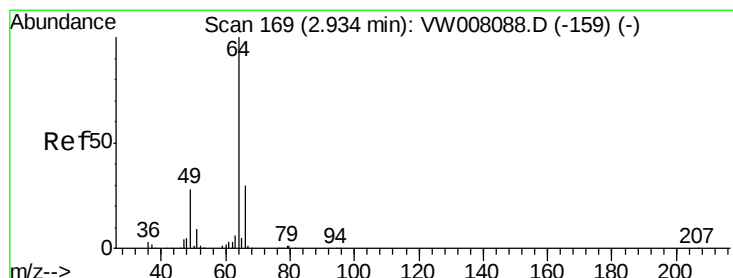
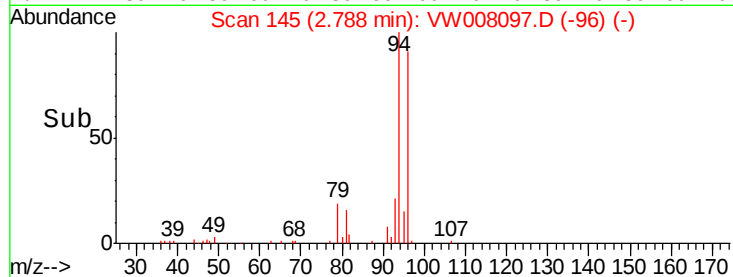
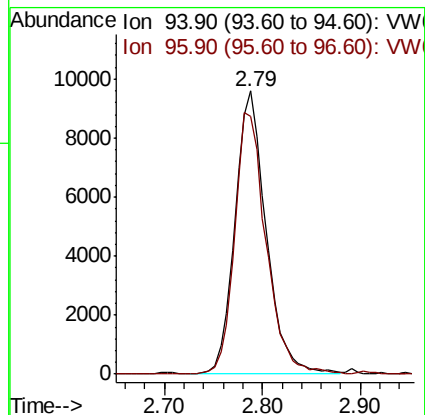
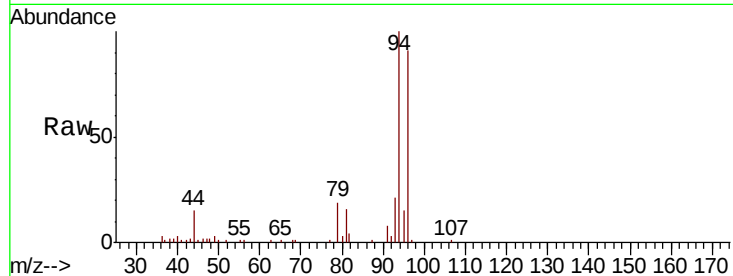
VW0109SBSD01

Tgt Ion: 94 Resp: 21216

Ion Ratio Lower Upper

94 100

96 91.2 74.1 111.1



#6

Chloroethane

Concen: 18.068 ug/l

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW008097.D

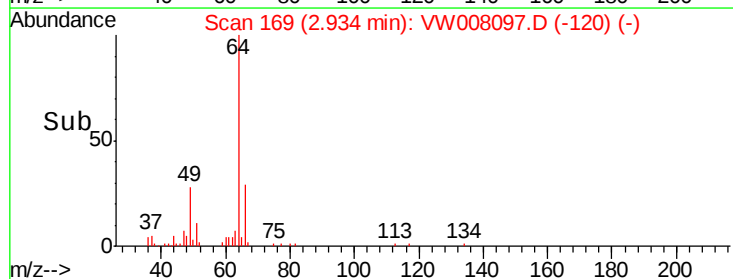
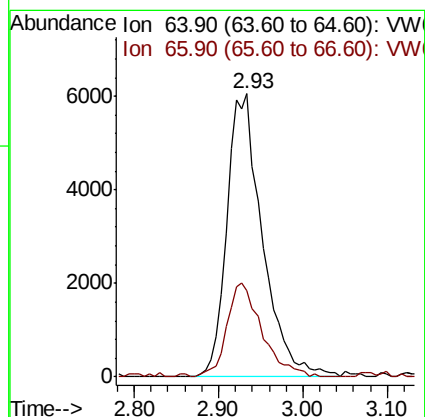
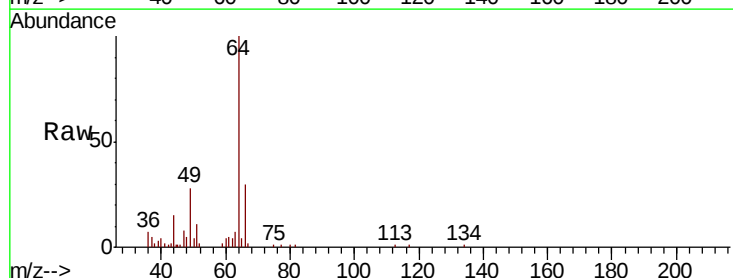
Acq: 09 Jan 2019 12:37

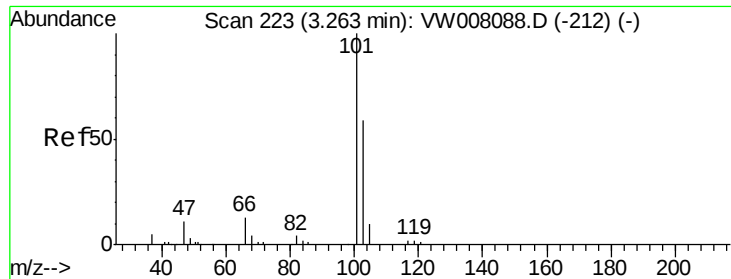
Tgt Ion: 64 Resp: 17411

Ion Ratio Lower Upper

64 100

66 30.3 24.2 36.2



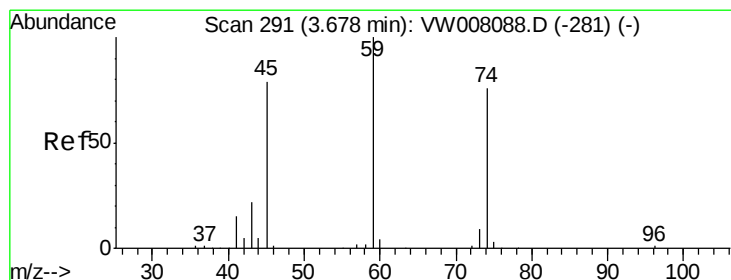
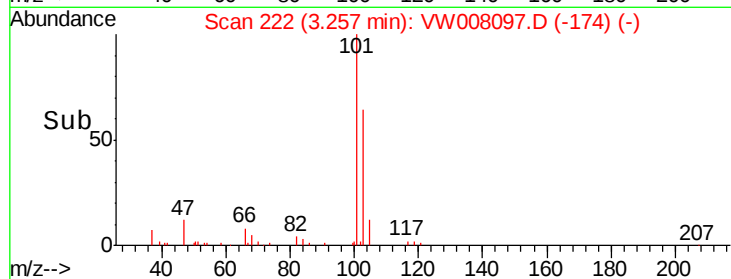
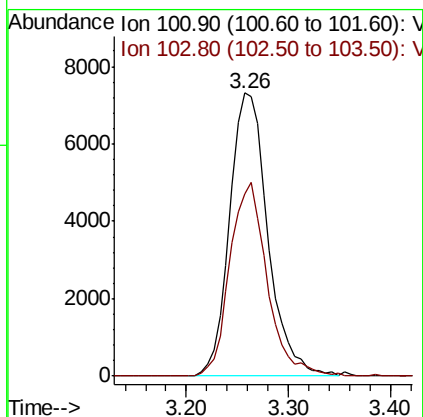
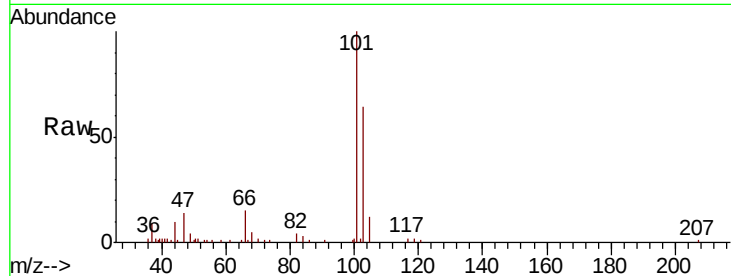


#7

Trichlorofluoromethane
 Concen: 18.246 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

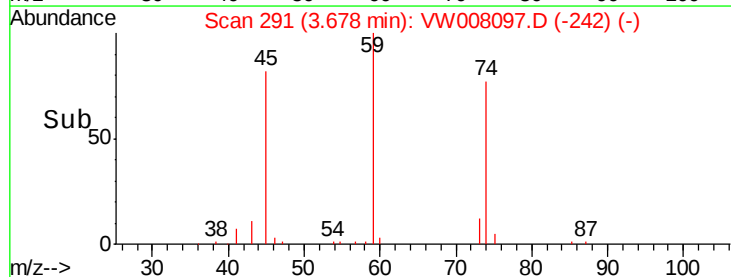
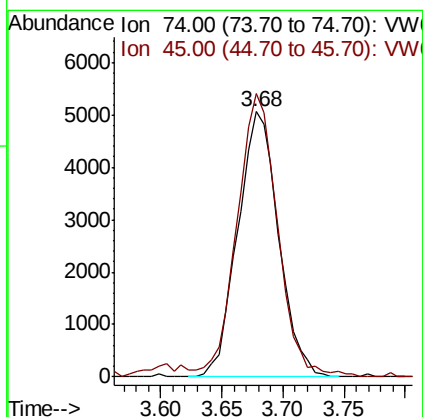
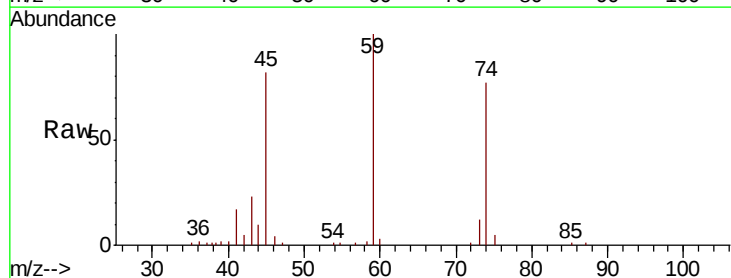
Tgt Ion:101 Resp: 18996
 Ion Ratio Lower Upper
 101 100
 103 64.3 47.0 70.6

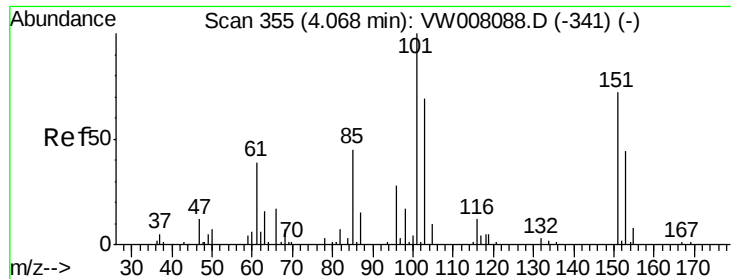


#8

Diethyl Ether
 Concen: 19.940 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 74 Resp: 11736
 Ion Ratio Lower Upper
 74 100
 45 106.0 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.904 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS01

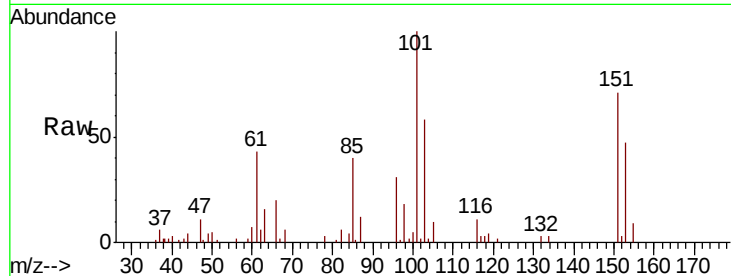
Tgt Ion:101 Resp: 21608

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

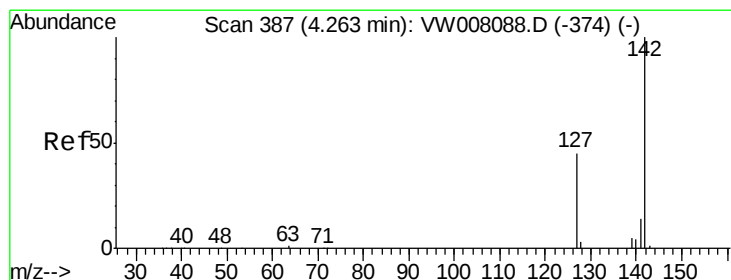
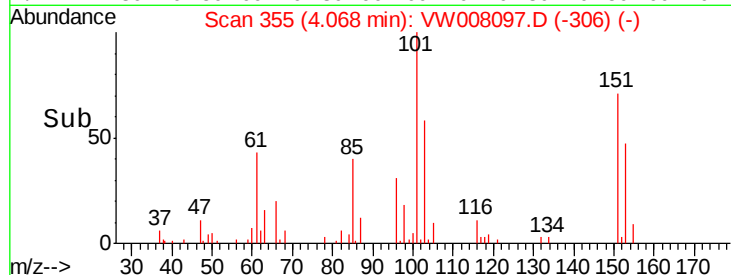
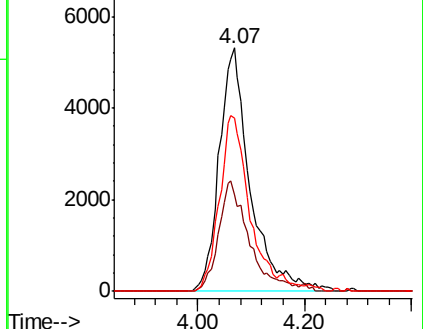
151 67.9 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.813 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

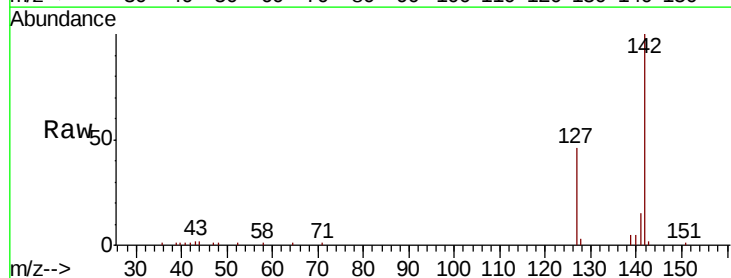
Tgt Ion:142 Resp: 31355

Ion Ratio Lower Upper

142 100

127 42.8 35.0 52.4

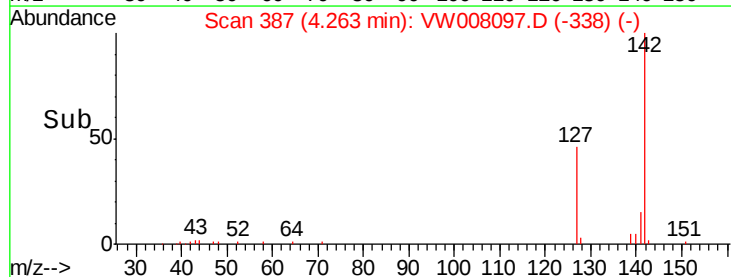
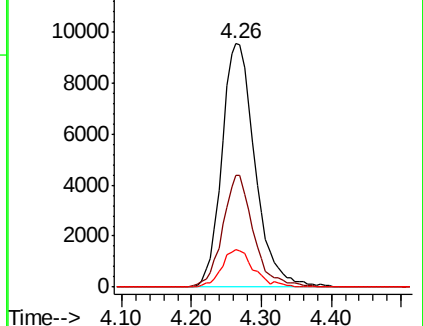
141 14.9 11.8 17.6

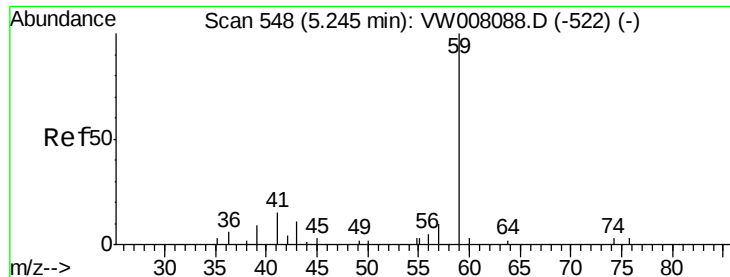


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



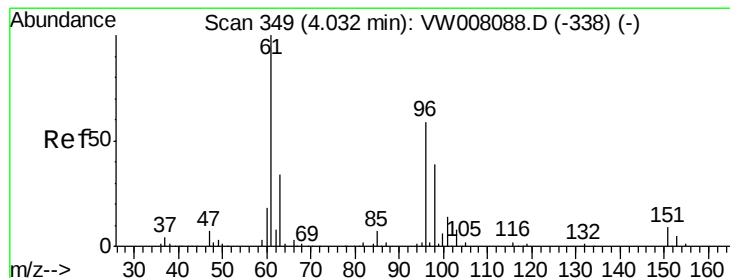
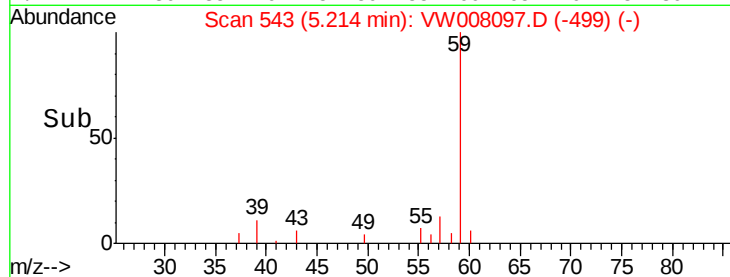
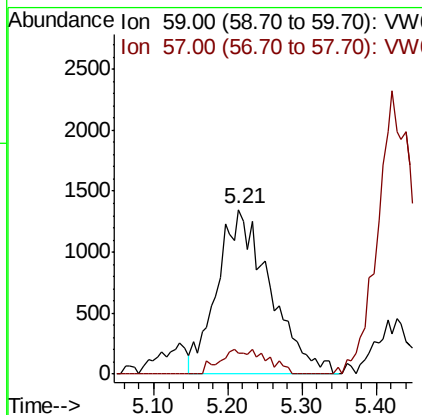
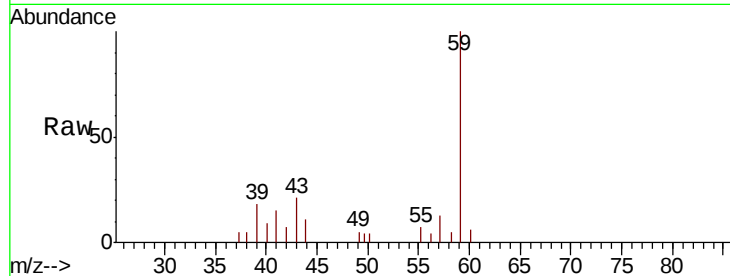


#11

Tert butyl alcohol
 Concen: 87.075 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

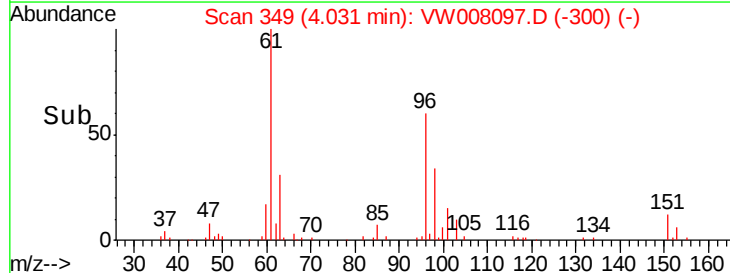
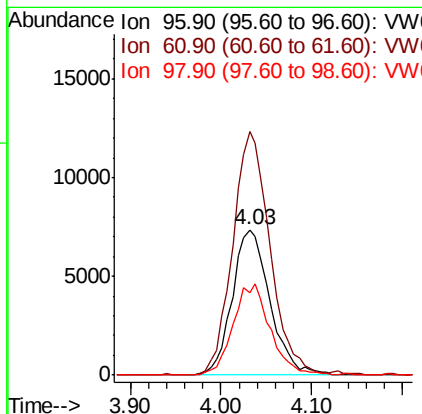
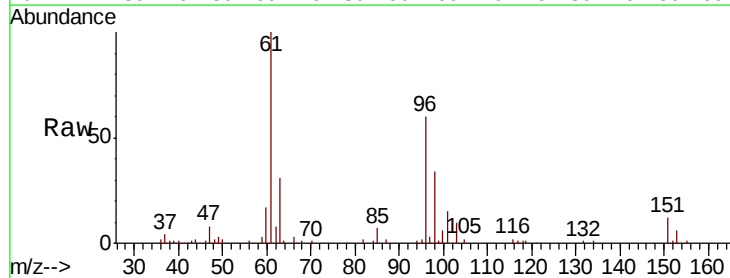
Tgt Ion: 59 Resp: 6687
 Ion Ratio Lower Upper
 59 100
 57 7.6 0.0 0.0#

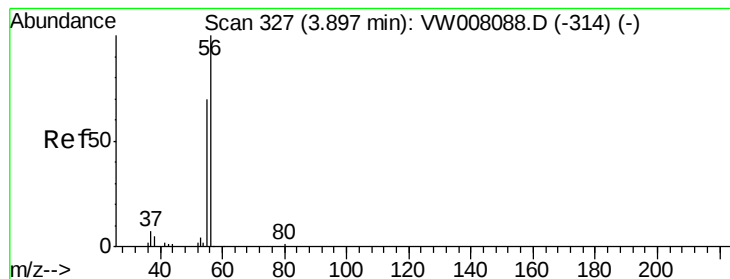


#12

1,1-Dichloroethene
 Concen: 20.894 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 96 Resp: 21204
 Ion Ratio Lower Upper
 96 100
 61 167.2 135.4 203.2
 98 56.2 52.5 78.7





#13

Acrolein

Concen: 80.989 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

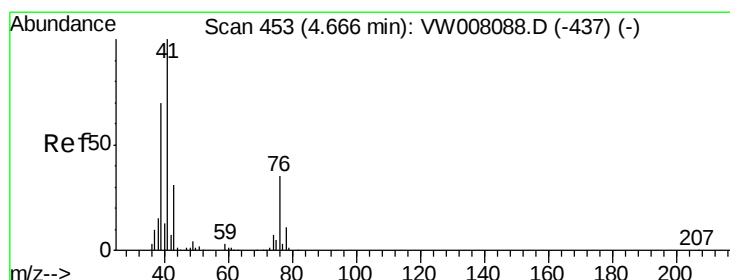
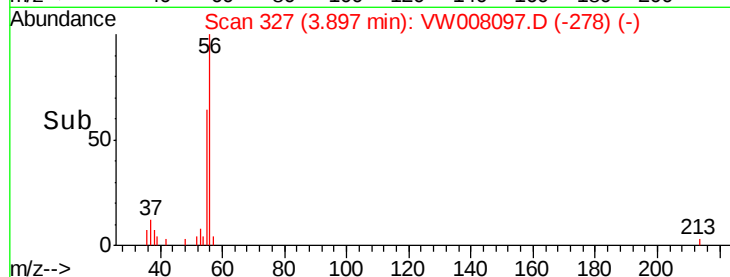
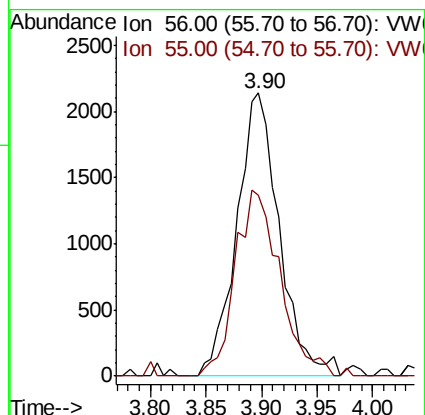
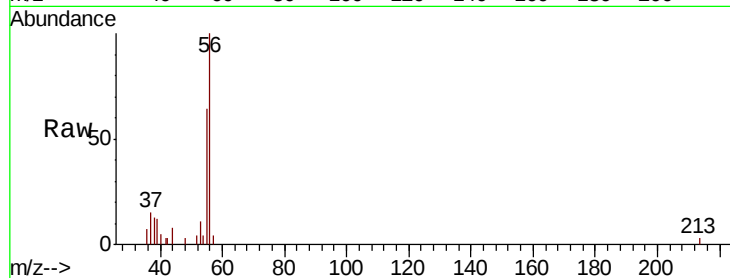
VW0109SBSD01

Tgt Ion: 56 Resp: 5686

Ion Ratio Lower Upper

56 100

55 69.2 56.6 84.8



#14

Allyl chloride

Concen: 21.163 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

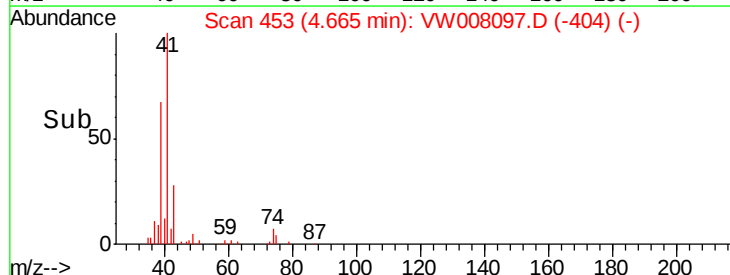
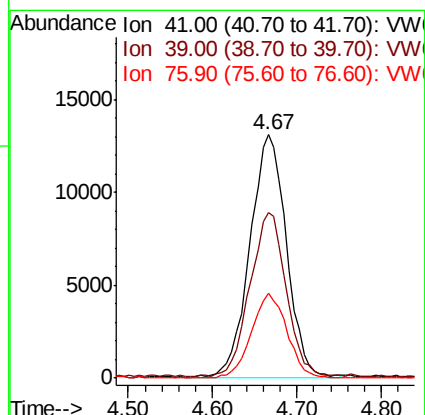
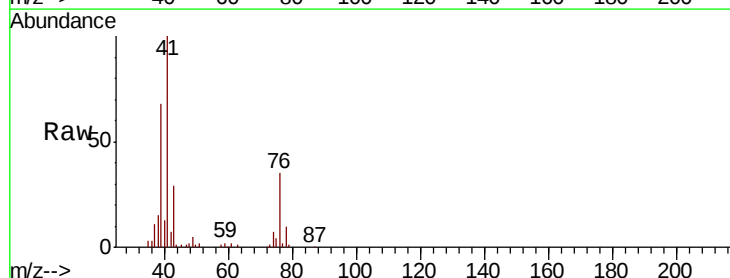
Tgt Ion: 41 Resp: 38995

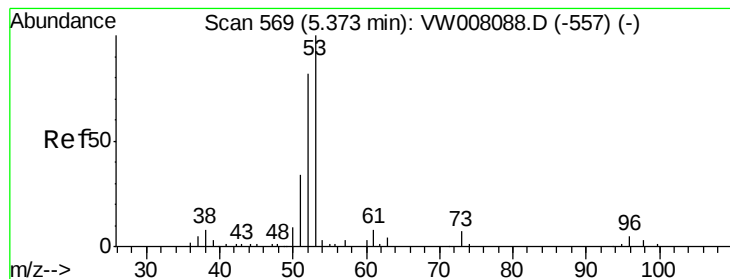
Ion Ratio Lower Upper

41 100

39 66.5 53.8 80.8

76 33.6 27.6 41.4





#15

Acrylonitrile

Concen: 102.594 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD01

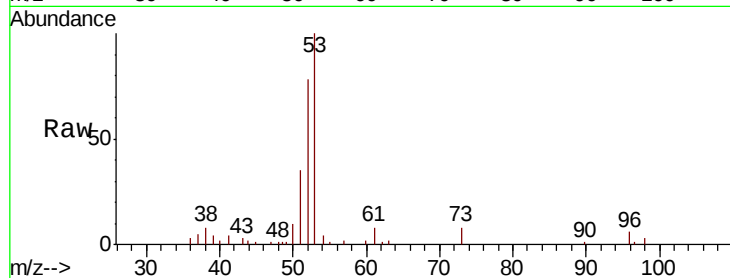
Tgt Ion: 53 Resp: 22989

Ion Ratio Lower Upper

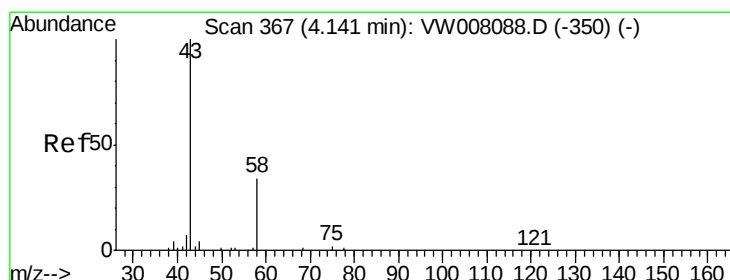
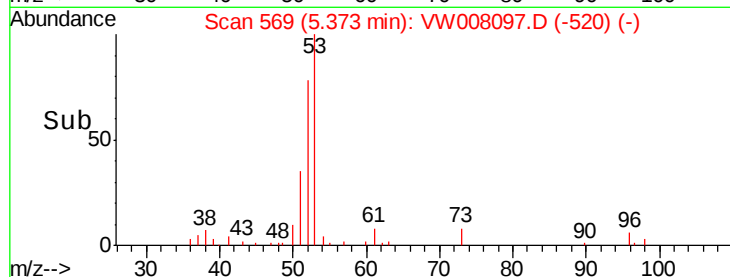
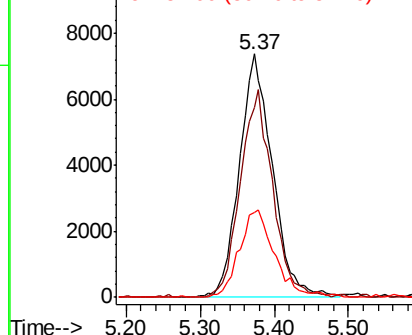
53 100

52 83.2 66.8 100.2

51 37.4 29.7 44.5



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: 109.736 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008097.D

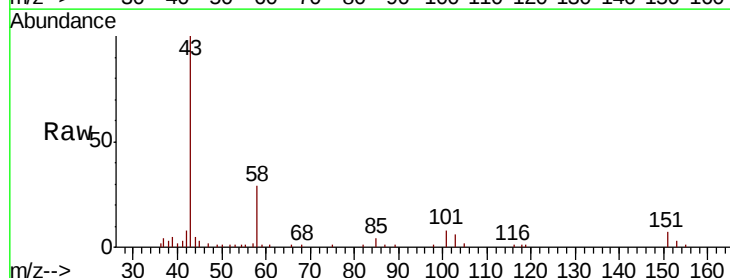
Acq: 09 Jan 2019 12:37

Tgt Ion: 43 Resp: 22766

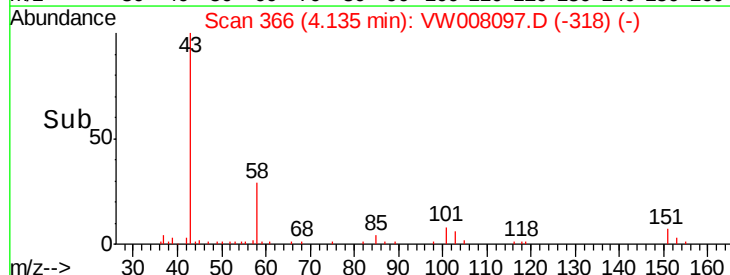
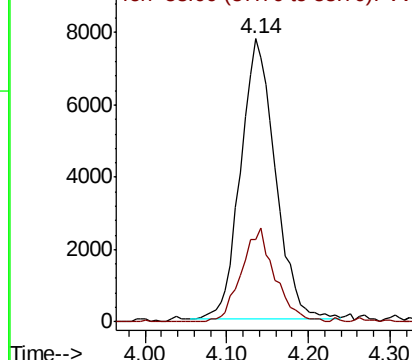
Ion Ratio Lower Upper

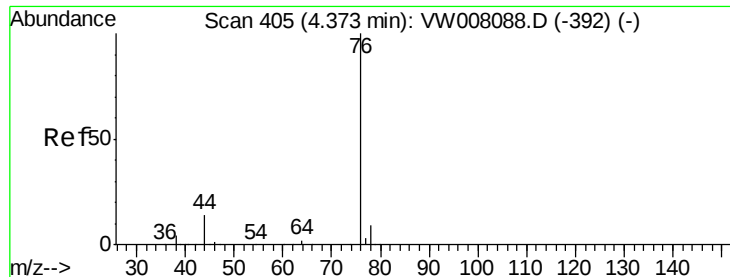
43 100

58 29.5 27.5 41.3



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

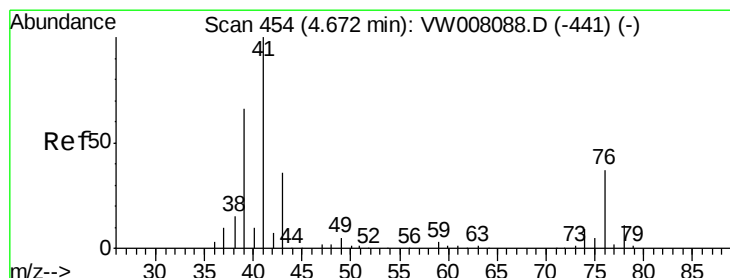
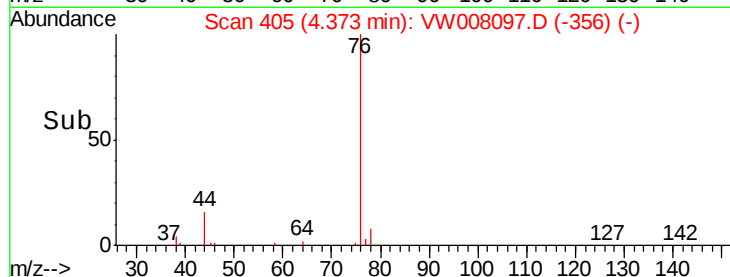
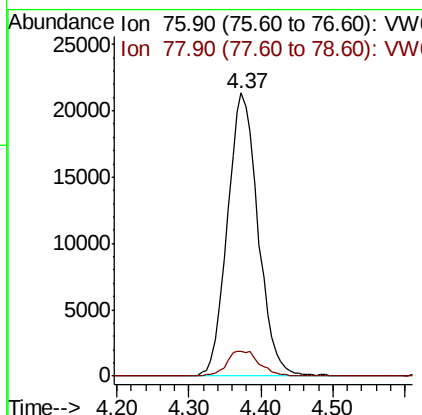
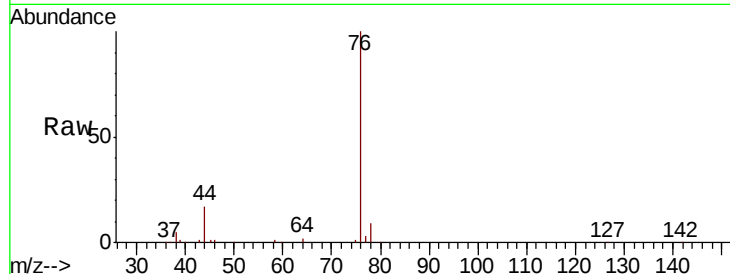




#17
Carbon Disulfide
Concen: 19.886 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

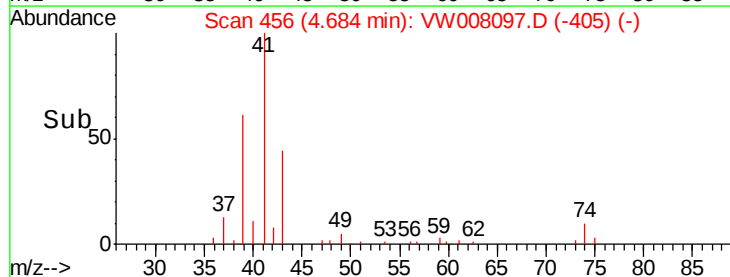
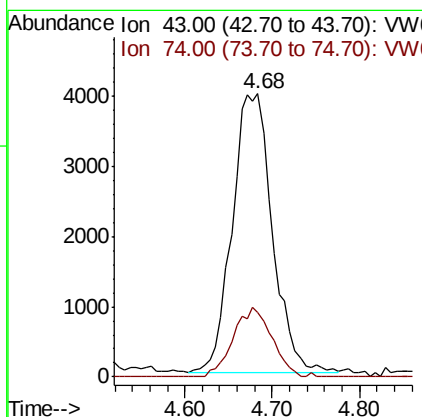
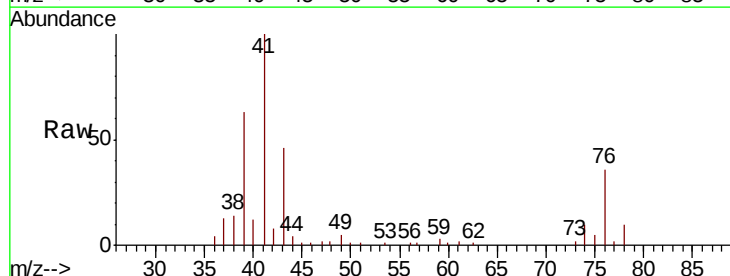
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

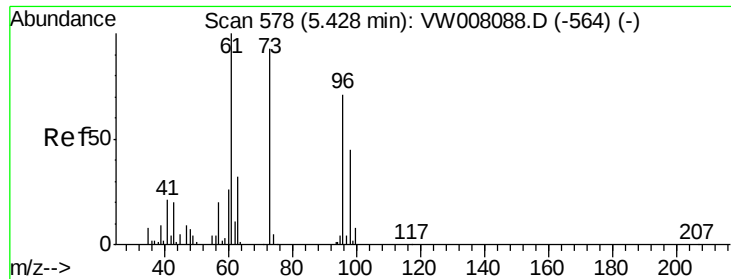
Tgt Ion: 76 Resp: 63045
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 19.159 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 43 Resp: 12612
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4

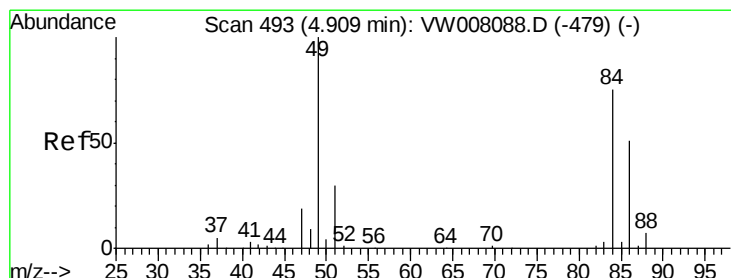
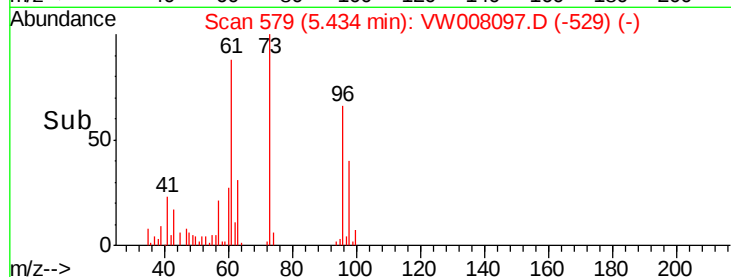
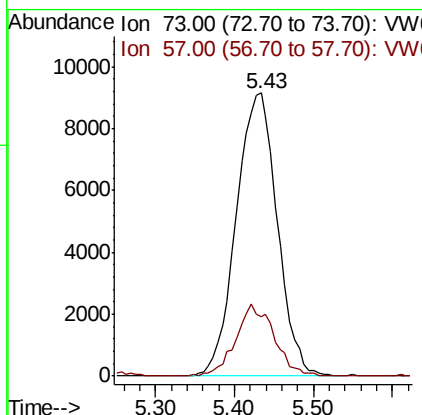
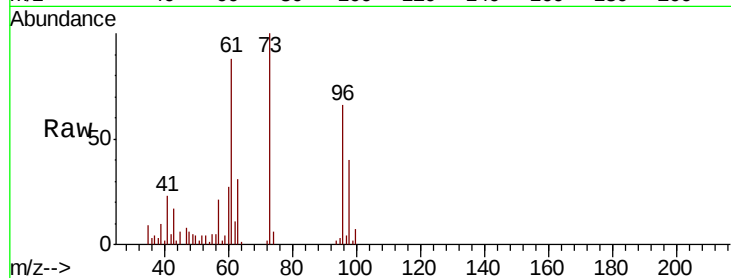




#19
Methyl tert-butyl Ether
Concen: 20.026 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

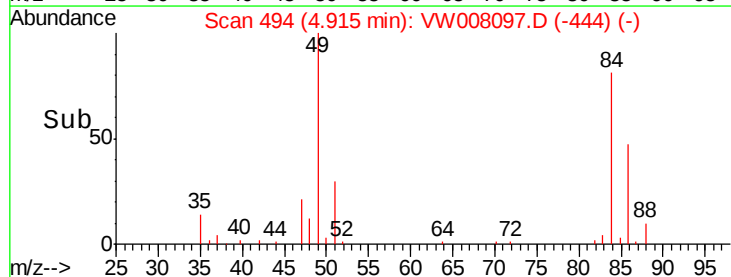
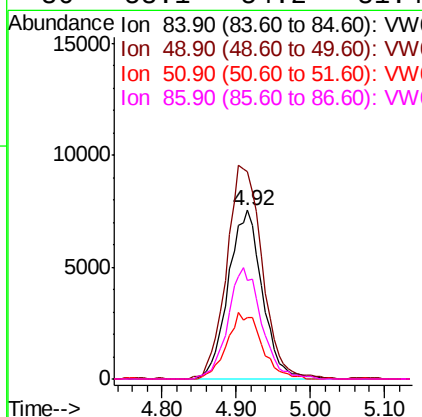
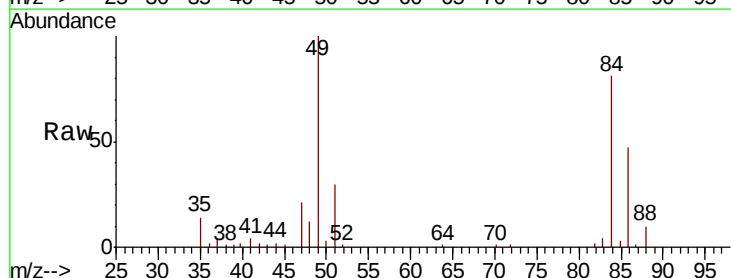
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

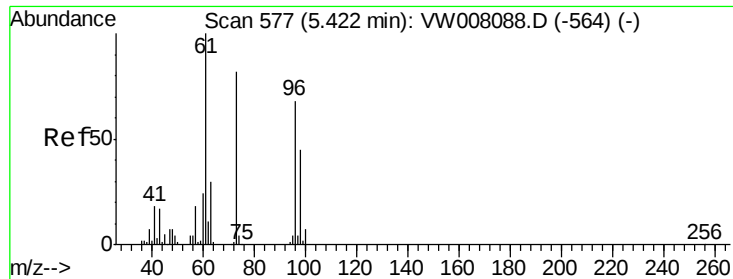
Tgt Ion: 73 Resp: 33040
Ion Ratio Lower Upper
73 100
57 21.1 16.7 25.1



#20
Methylene Chloride
Concen: 20.746 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 84 Resp: 24159
Ion Ratio Lower Upper
84 100
49 123.3 107.1 160.7
51 36.7 32.4 48.6
86 58.1 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 20.509 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD01

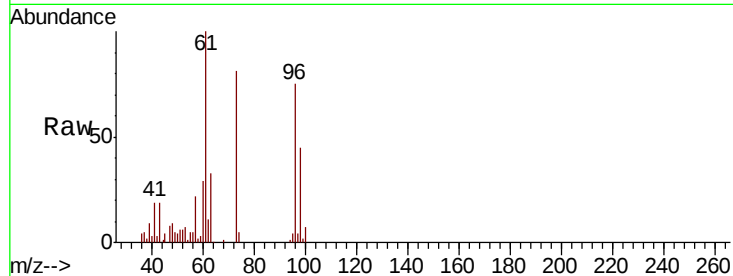
Tgt Ion: 96 Resp: 22619

Ion Ratio Lower Upper

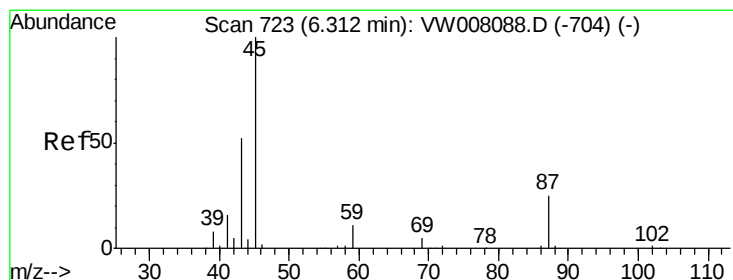
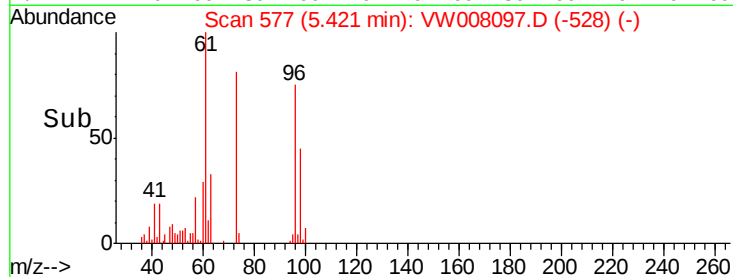
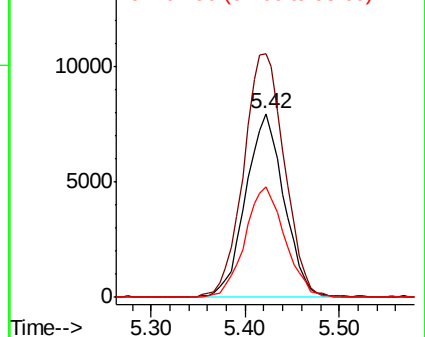
96 100

61 132.6 117.4 176.0

98 60.0 52.2 78.4



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



#22

Diisopropyl ether

Concen: 20.520 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Tgt Ion: 45 Resp: 72109

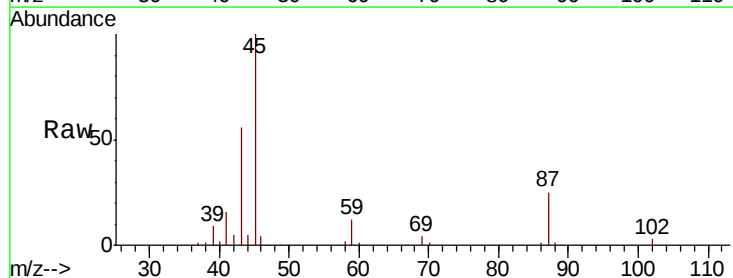
Ion Ratio Lower Upper

45 100

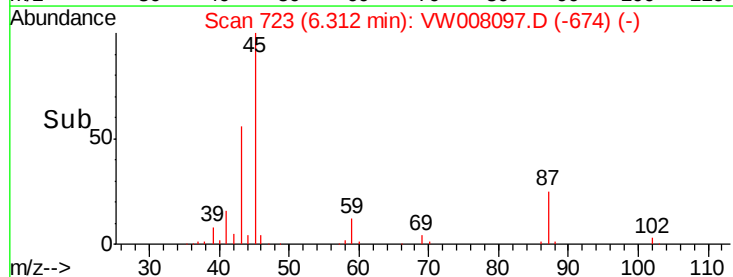
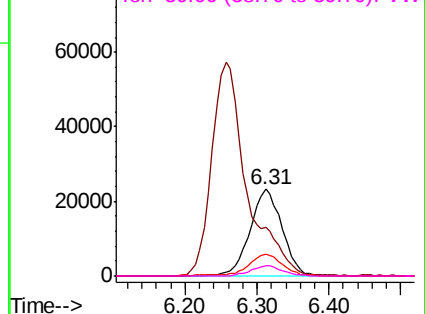
43 55.2 41.7 62.5

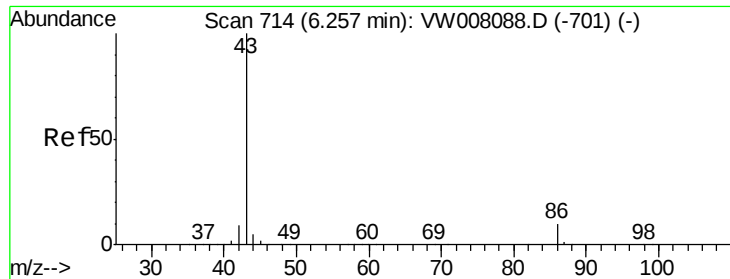
87 24.7 20.1 30.1

59 11.6 8.8 13.2



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

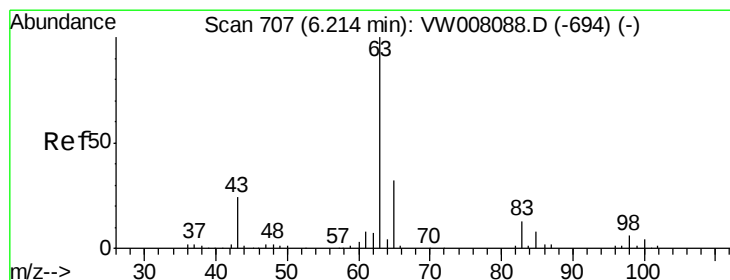
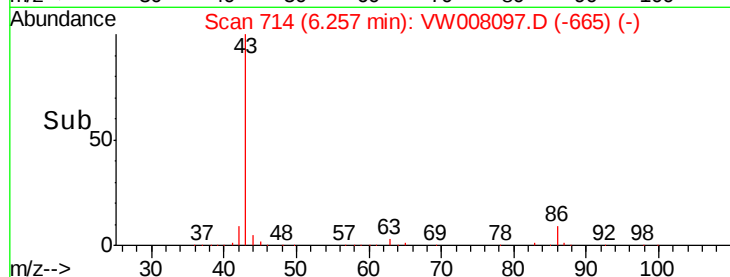
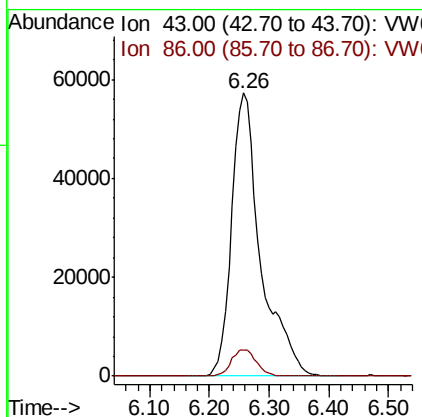
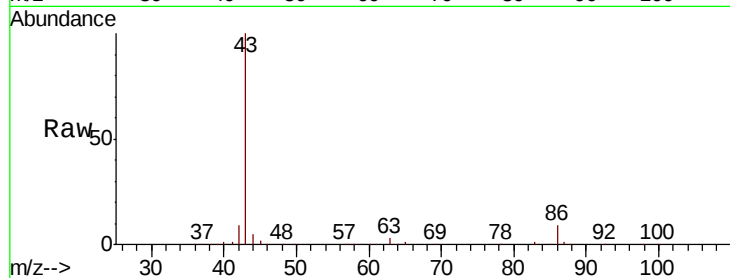




#23
 Vinyl Acetate
 Concen: 105.182 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

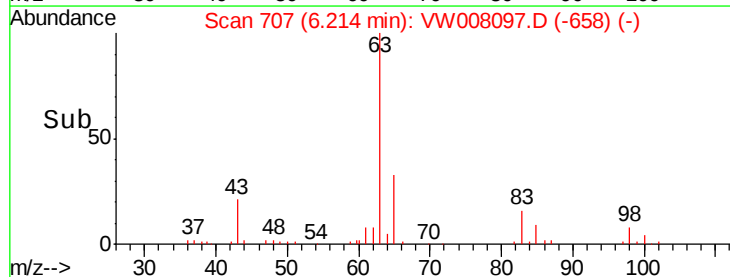
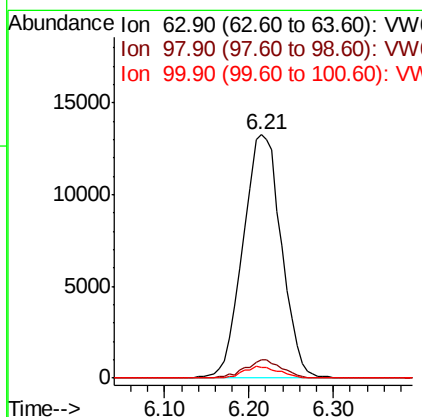
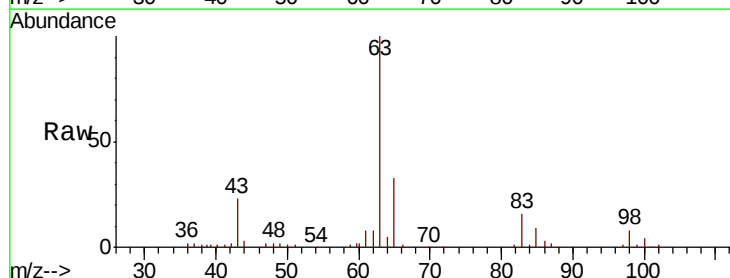
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

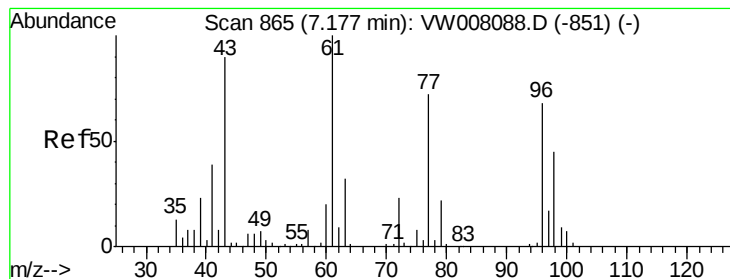
Tgt Ion: 43 Resp: 194123
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.064 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 63 Resp: 41082
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.2 9.6
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 108.375 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

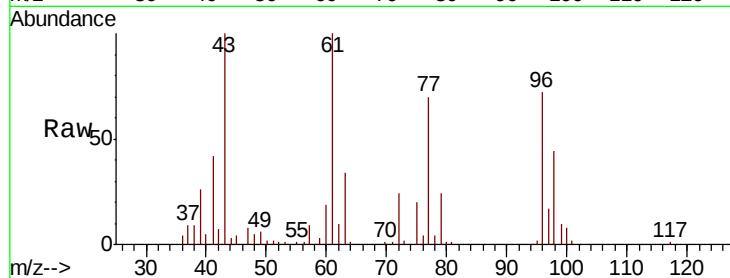
VW0109SBSD01

Tgt Ion: 43 Resp: 31406

Ion Ratio Lower Upper

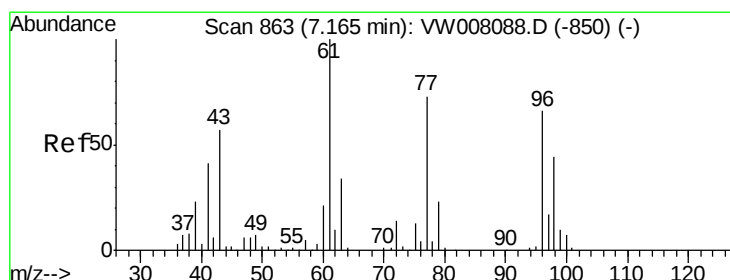
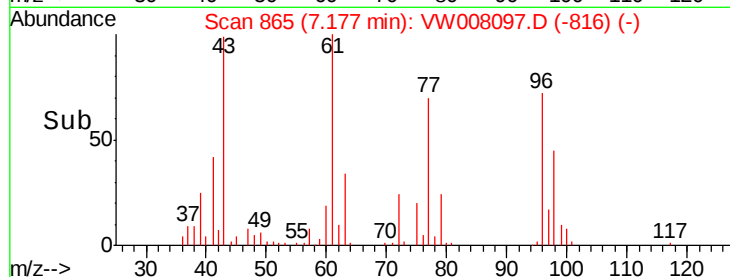
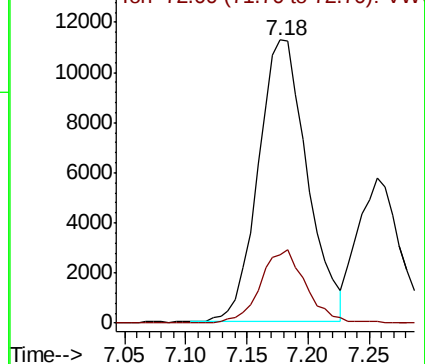
43 100

72 24.5 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 19.351 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008097.D

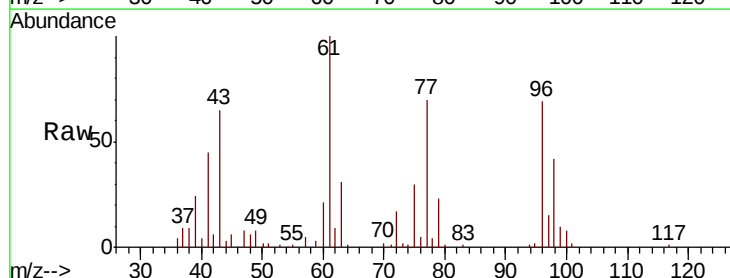
Acq: 09 Jan 2019 12:37

Tgt Ion: 77 Resp: 26847

Ion Ratio Lower Upper

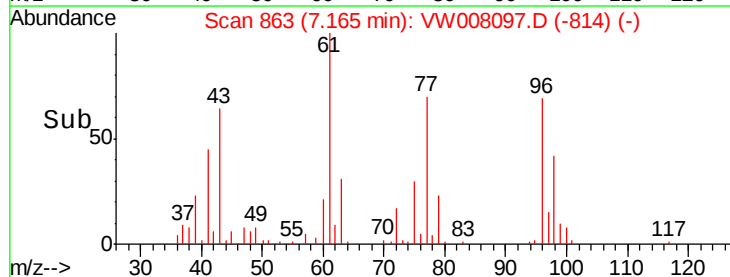
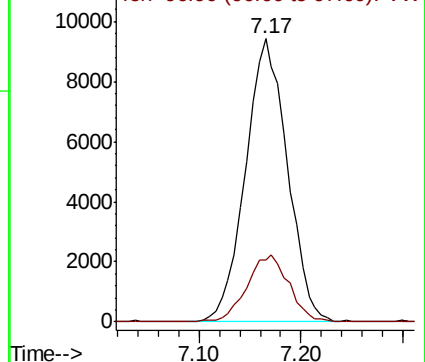
77 100

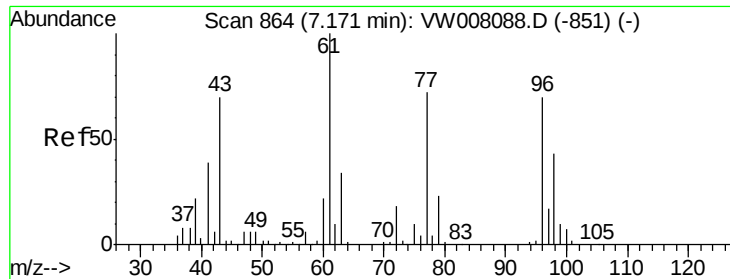
97 23.7 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



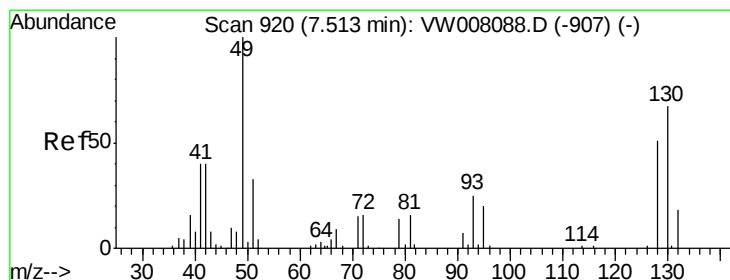
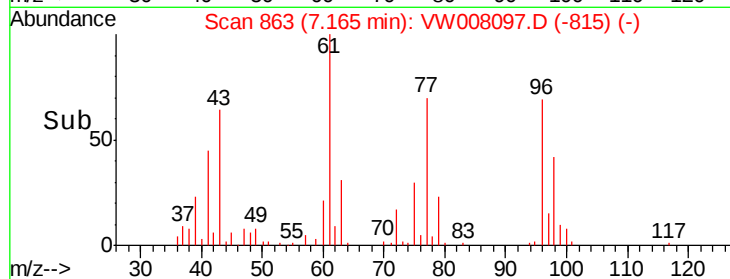
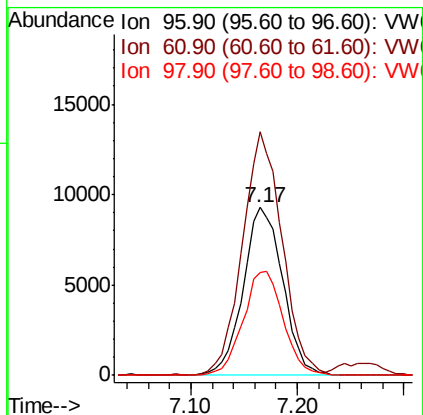
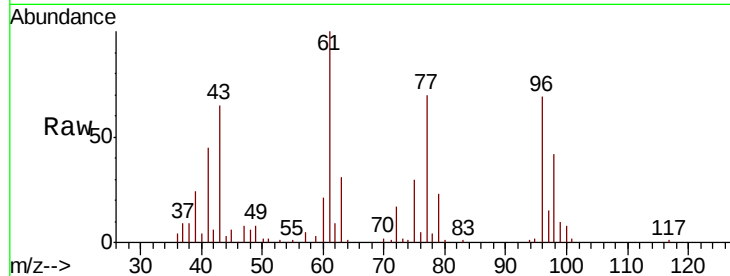


#27

cis-1,2-Dichloroethene
Concen: 20.139 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

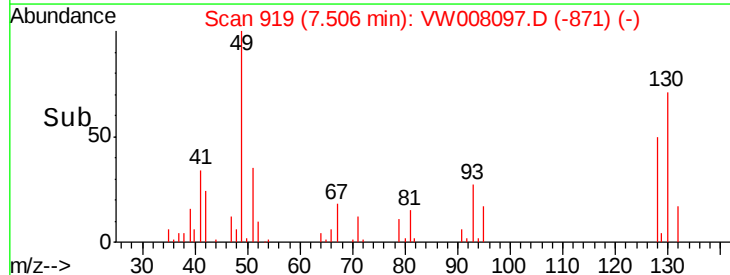
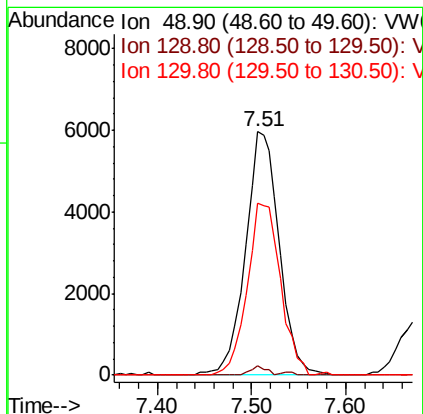
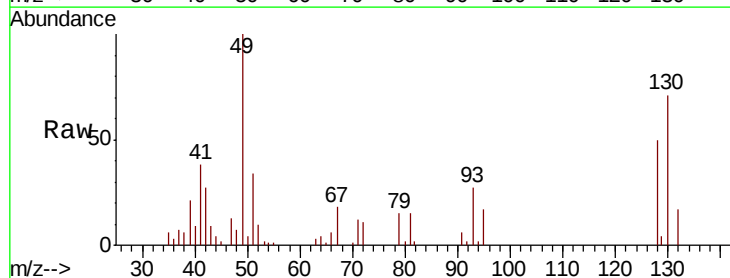
Tgt Ion: 96 Resp: 24232
Ion Ratio Lower Upper
96 100
61 145.5 0.0 300.4
98 62.7 0.0 128.4

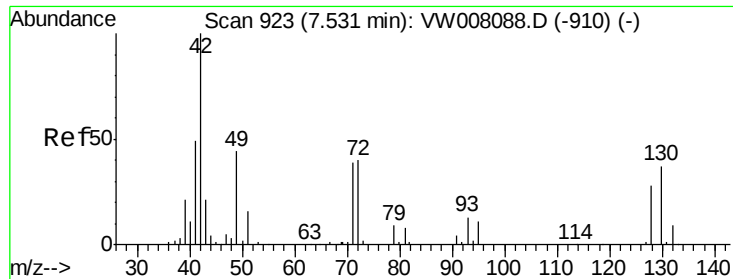


#28

Bromochloromethane
Concen: 18.446 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 49 Resp: 14939
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.8
130 69.9 54.3 81.5

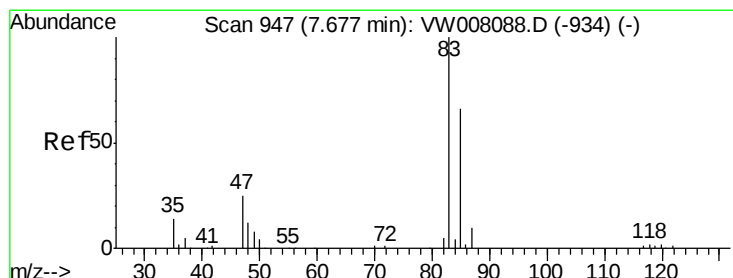
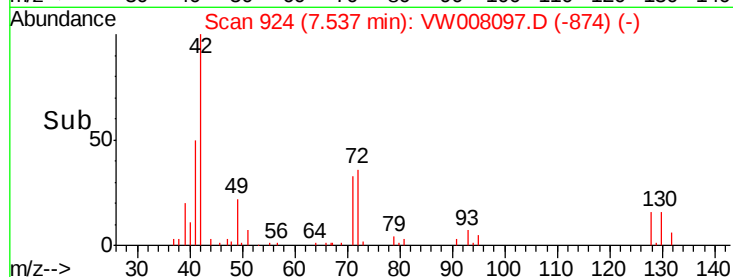
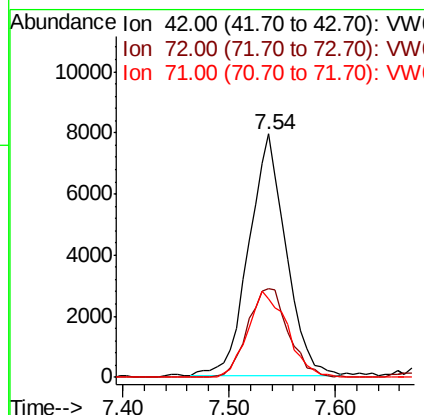
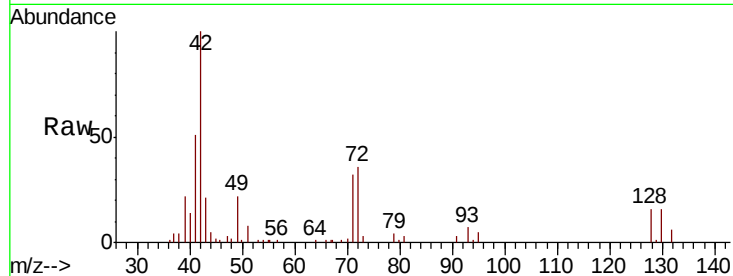




#29
Tetrahydrofuran
Concen: 99.408 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

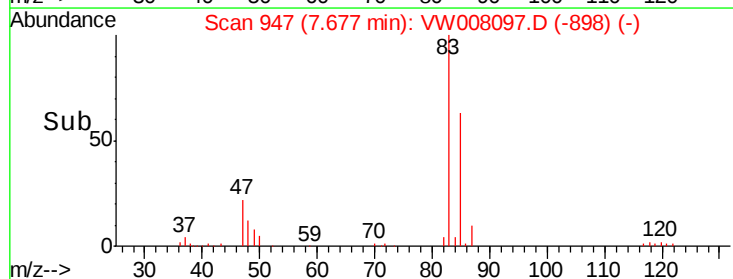
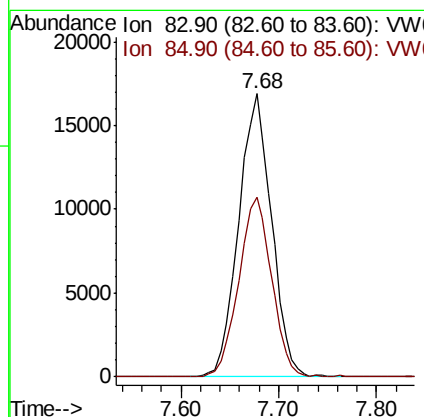
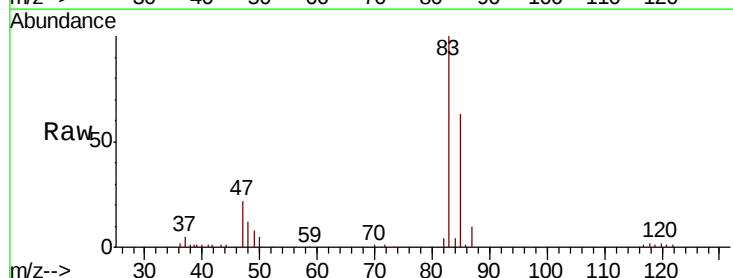
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

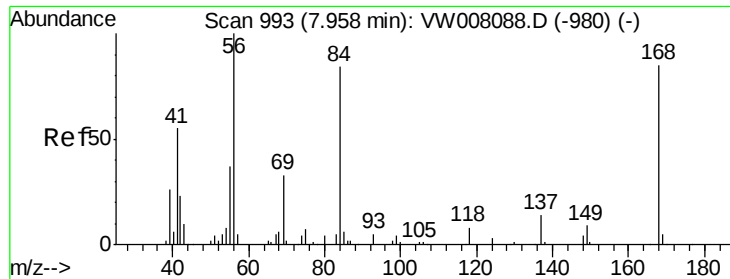
Tgt Ion: 42 Resp: 19243
Ion Ratio Lower Upper
42 100
72 40.4 32.4 48.6
71 38.3 31.3 46.9



#30
Chloroform
Concen: 20.232 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 83 Resp: 39430
Ion Ratio Lower Upper
83 100
85 63.3 53.2 79.8

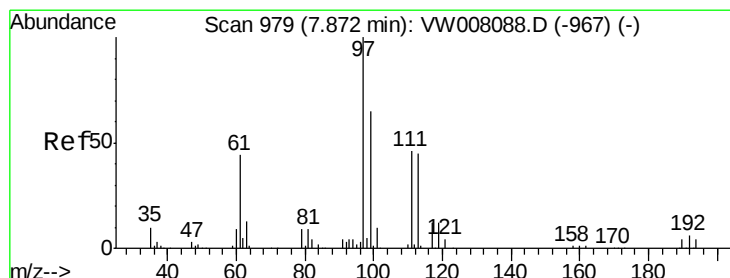
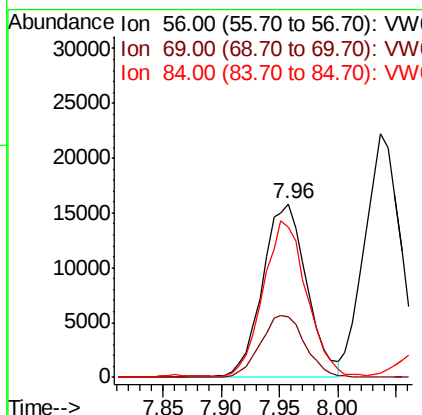
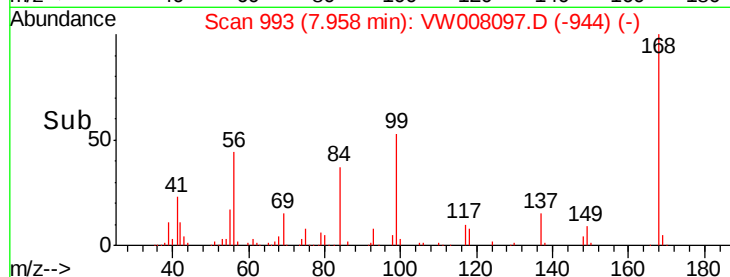
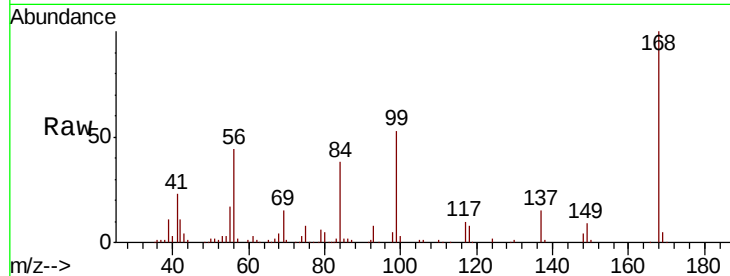




#31
Cyclohexane
Concen: 18.979 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

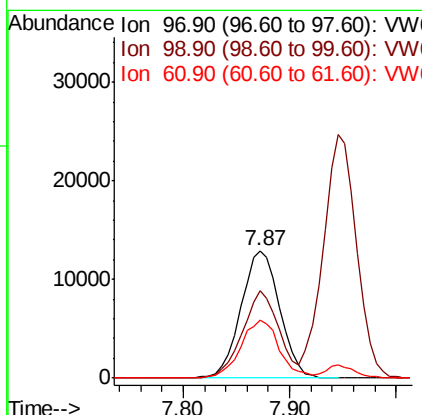
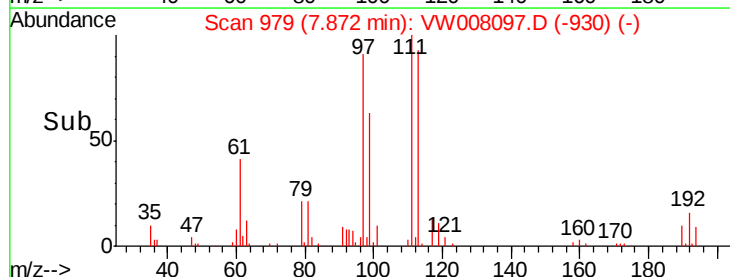
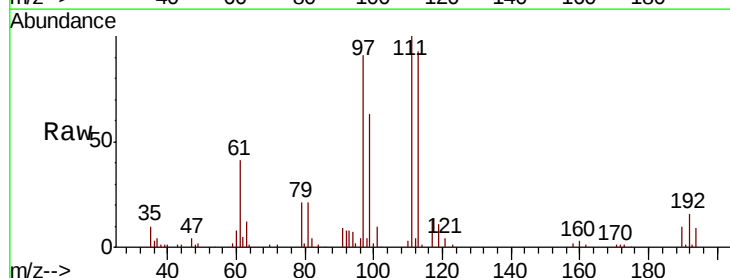
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

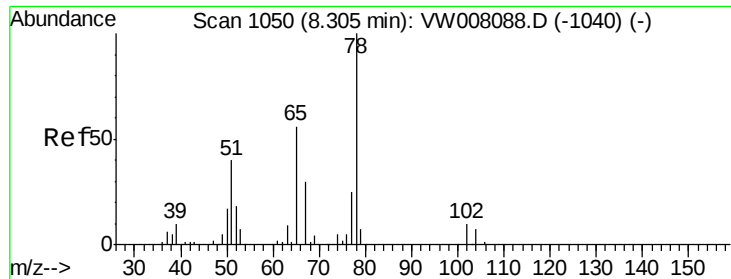
Tgt Ion: 56 Resp: 41601
Ion Ratio Lower Upper
56 100
69 34.5 26.2 39.4
84 85.4 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 19.365 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 97 Resp: 32839
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 45.3 35.6 53.4

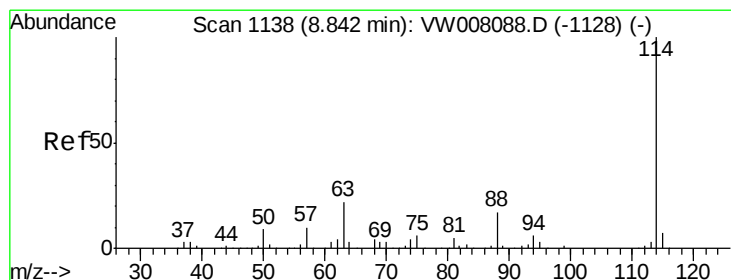
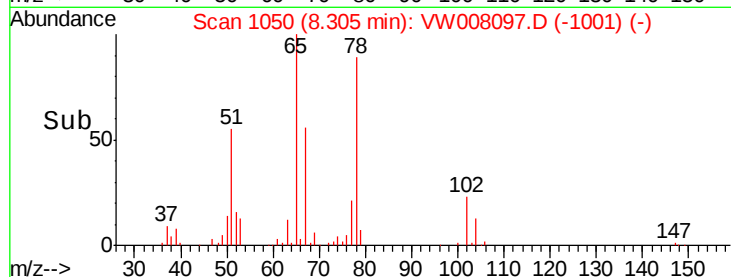
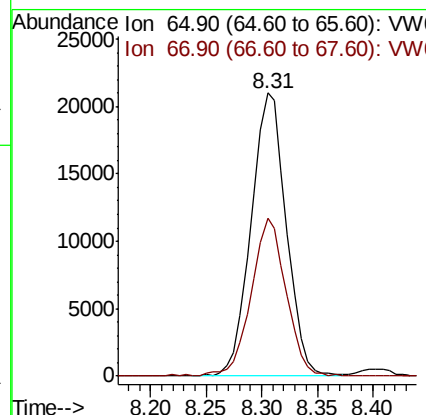
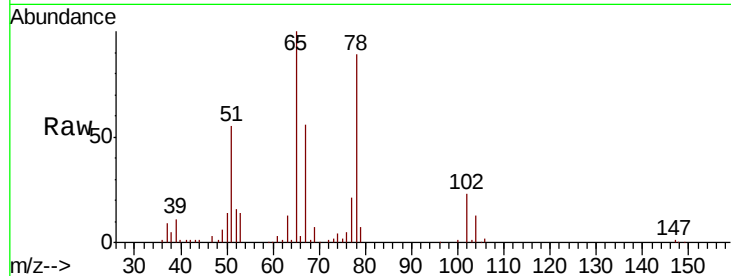




#33
 1,2-Dichloroethane-d4
 Concen: 44.329 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

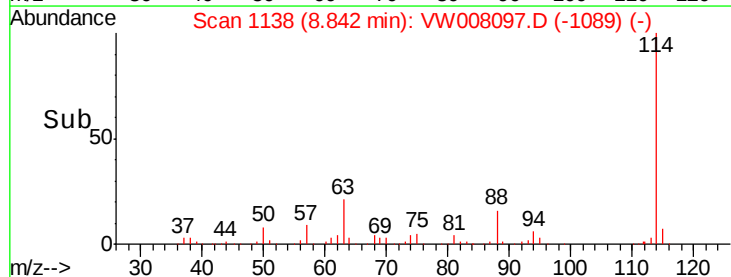
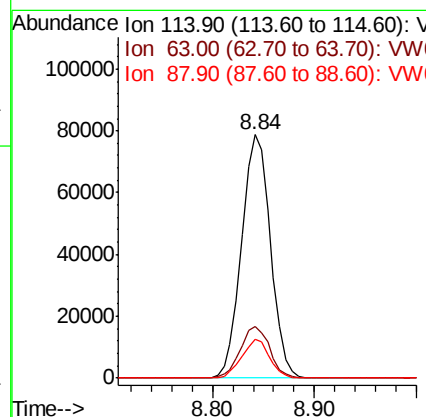
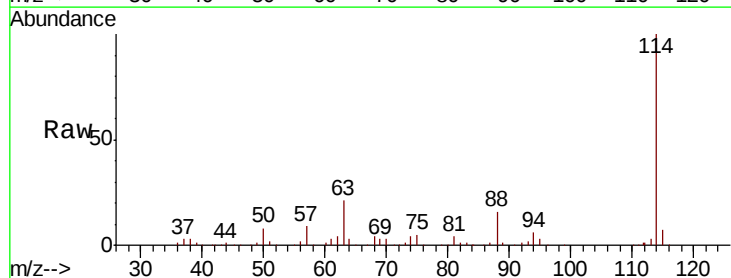
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

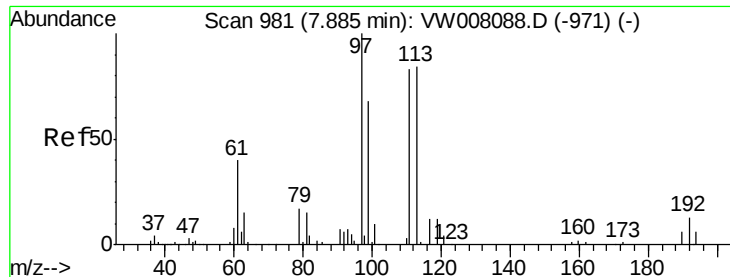
Tgt Ion: 65 Resp: 46171
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 114 Resp: 154293
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.4
 88 15.9 0.0 33.4

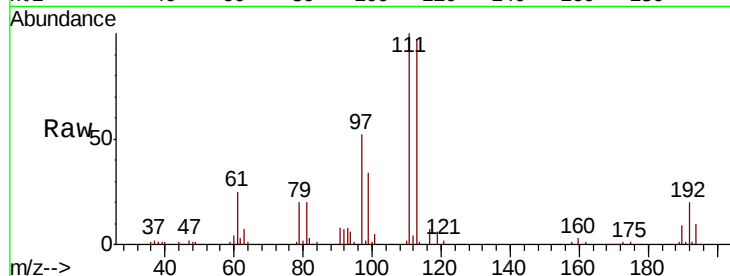




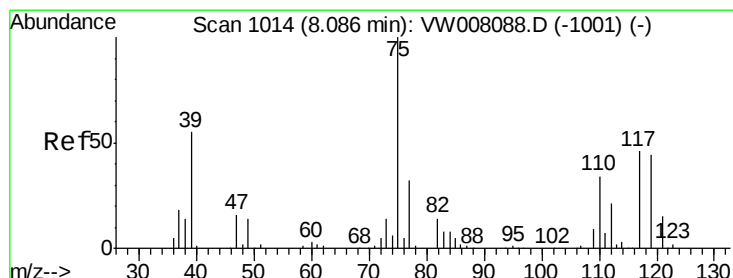
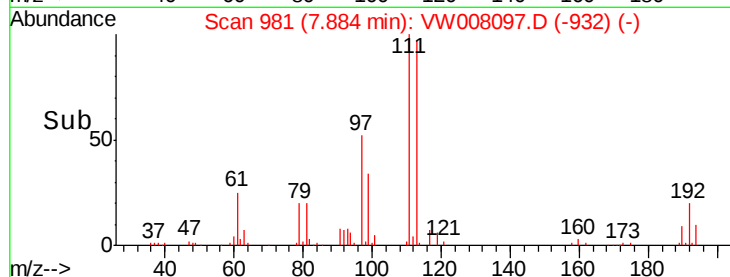
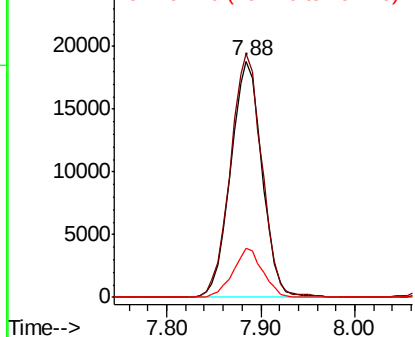
#35
 Dibromofluoromethane
 Concen: 48.371 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

Tgt Ion: 113 Resp: 43529
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 19.3 12.8 19.2#

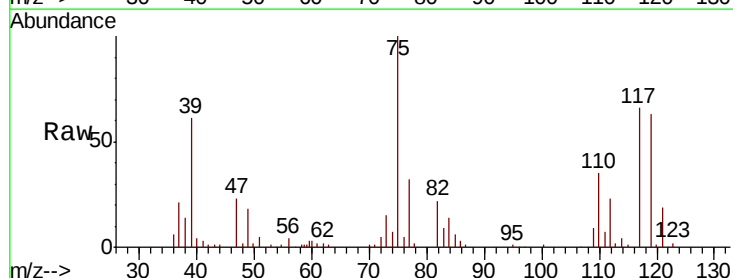


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

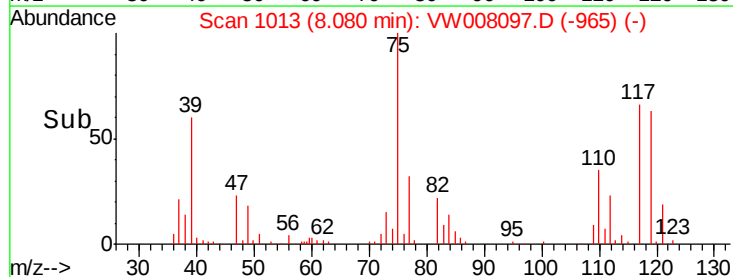
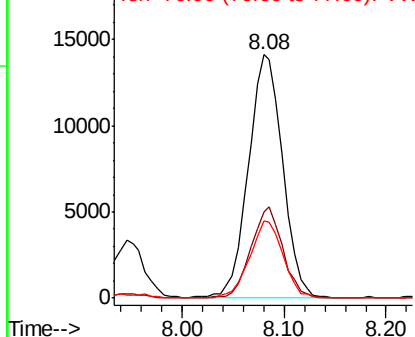


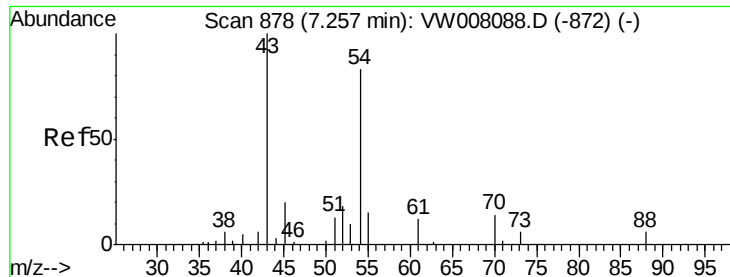
#36
 1,1-Dichloropropene
 Concen: 20.823 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 75 Resp: 33096
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.1 51.3
 77 30.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

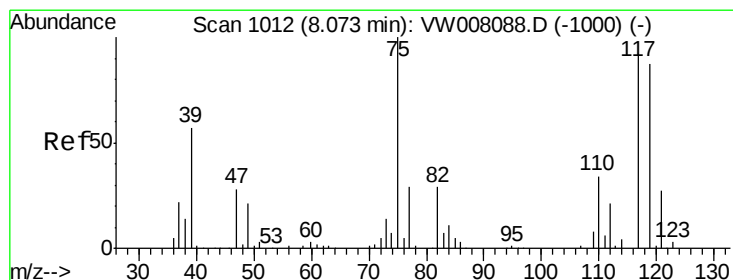
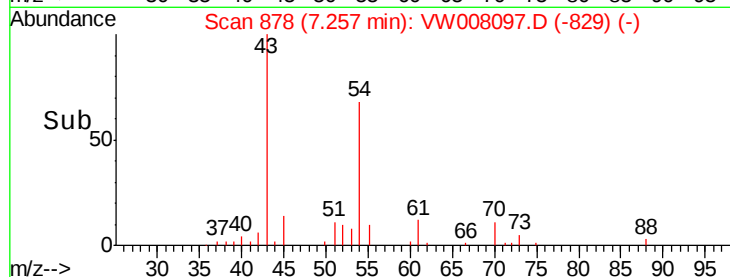
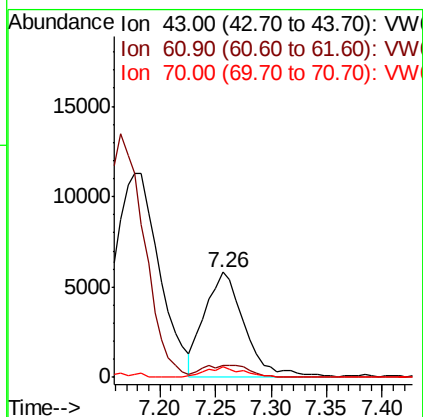
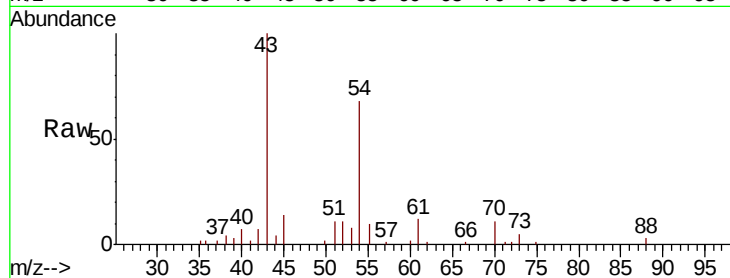




#37
Ethyl Acetate
Concen: 22.378 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

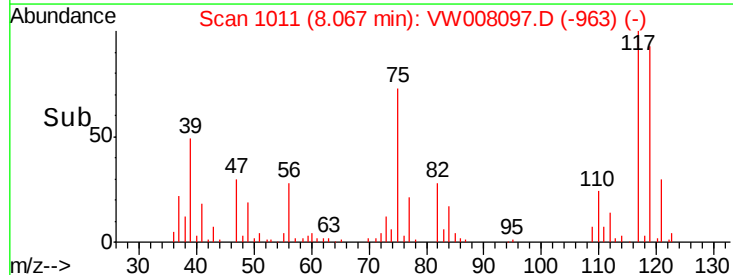
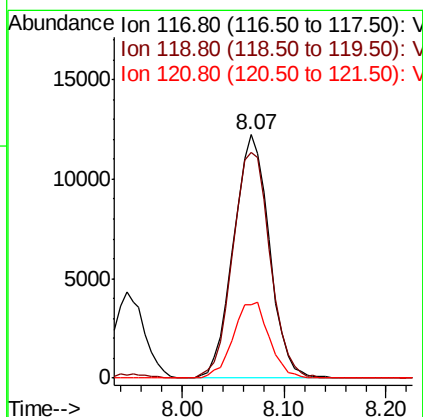
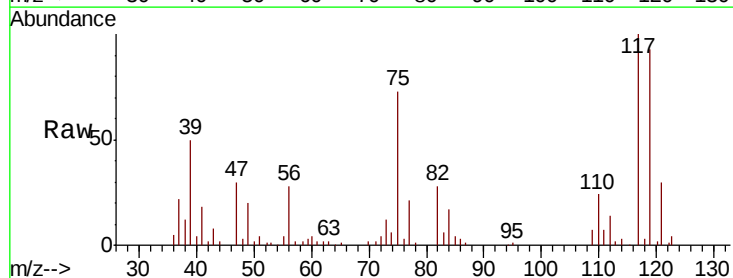
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

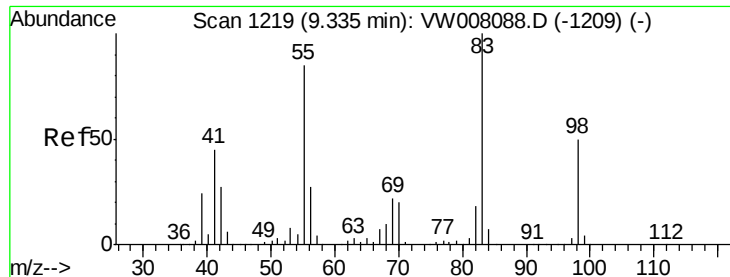
Tgt Ion: 43 Resp: 14249
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 9.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.519 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 117 Resp: 29850
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.8
121 30.2 23.7 35.5

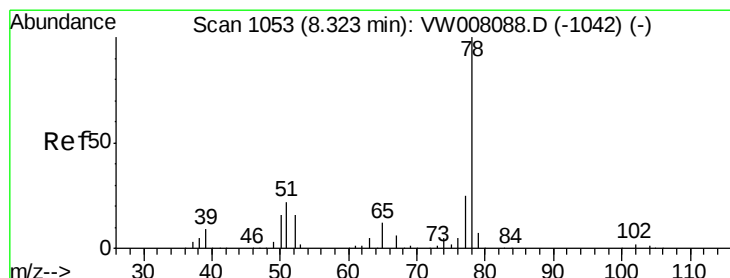
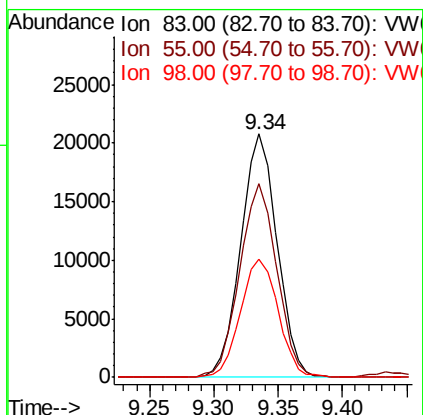
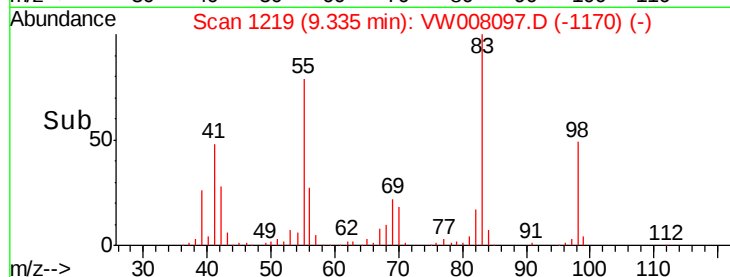
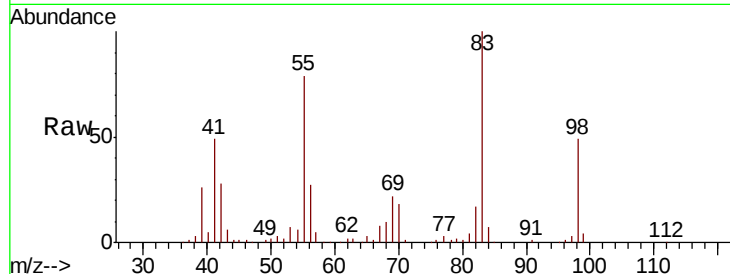




#39
Methylcyclohexane
Concen: 20.170 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

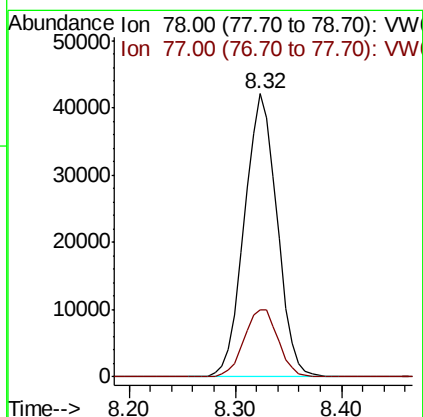
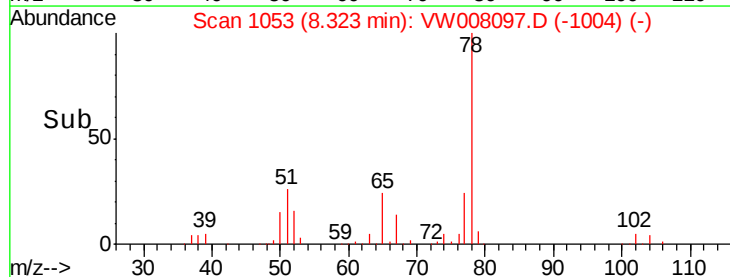
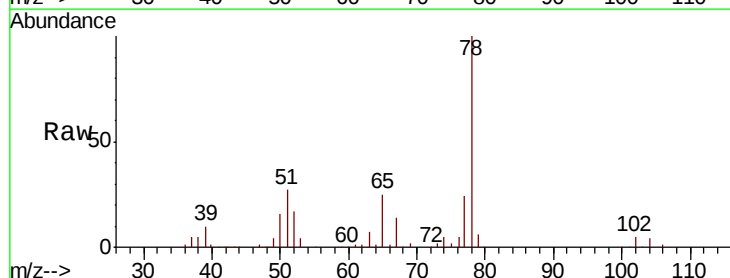
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

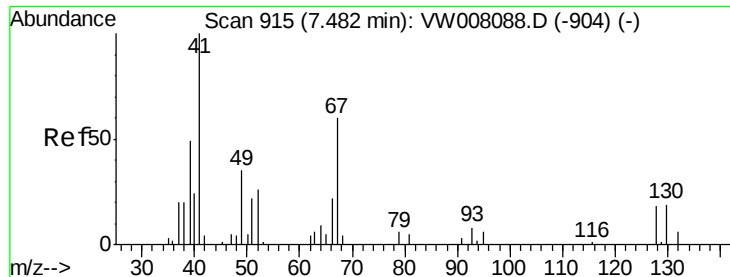
Tgt Ion: 83 Resp: 40648
Ion Ratio Lower Upper
83 100
55 79.5 67.8 101.6
98 48.7 40.2 60.4



#40
Benzene
Concen: 21.089 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 78 Resp: 90913
Ion Ratio Lower Upper
78 100
77 23.6 20.2 30.4





#41

Methacrylonitrile

Concen: 20.180 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD01

Tgt Ion: 41 Resp: 8117

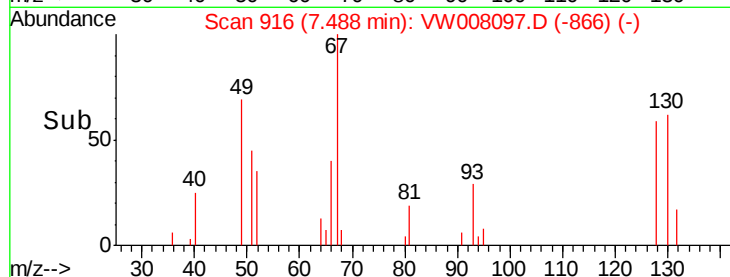
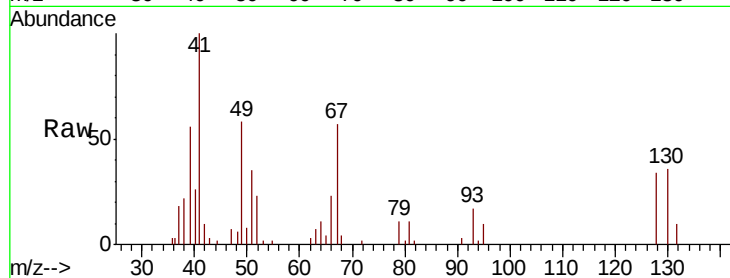
Ion Ratio Lower Upper

41 100

39 60.4 47.9 71.9

67 67.5 56.3 84.5

52 31.3 24.5 36.7

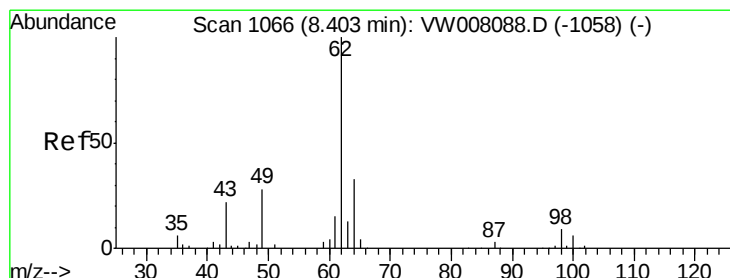
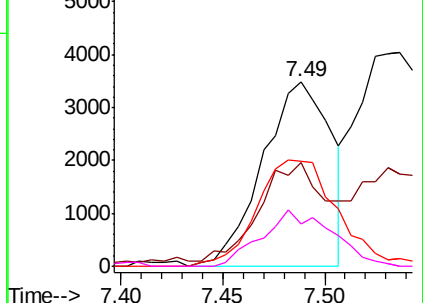


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 20.302 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW008097.D

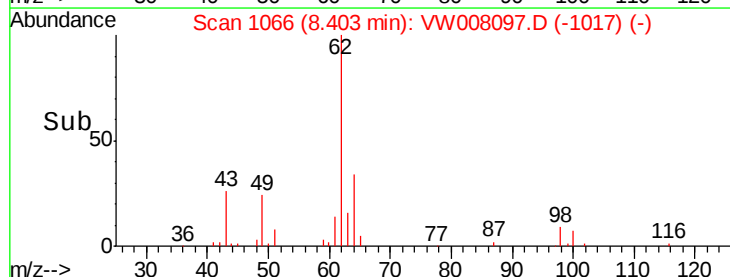
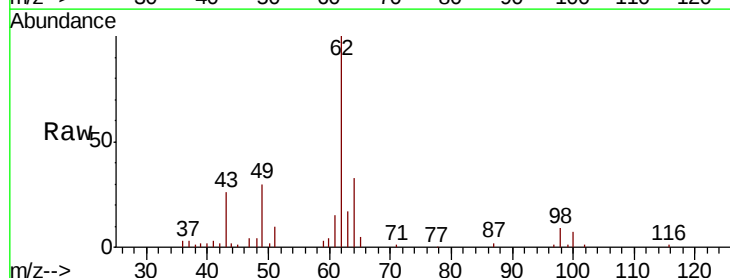
Acq: 09 Jan 2019 12:37

Tgt Ion: 62 Resp: 24615

Ion Ratio Lower Upper

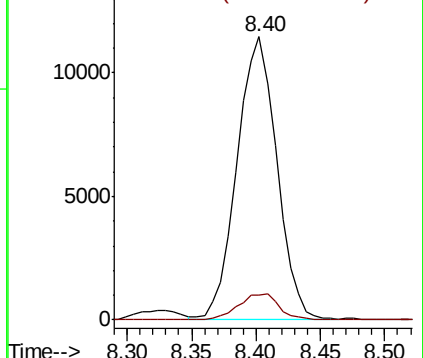
62 100

98 9.4 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.597 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS01

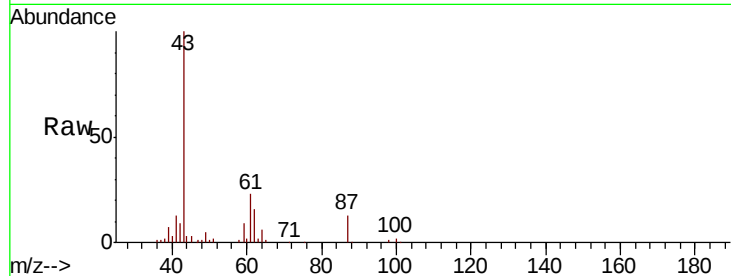
Tgt Ion: 43 Resp: 27496

Ion Ratio Lower Upper

43 100

61 29.2 24.8 37.2

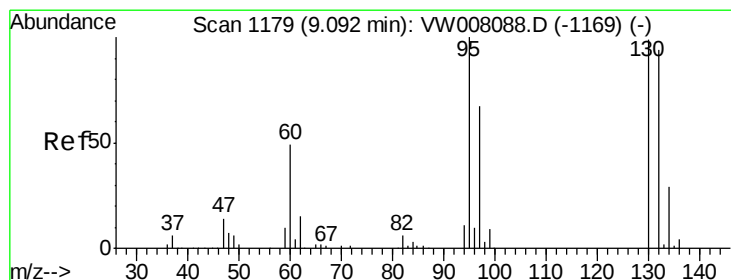
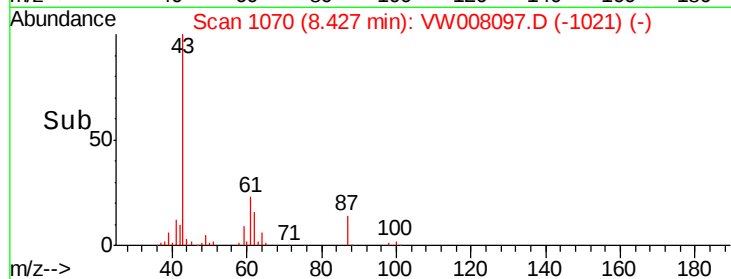
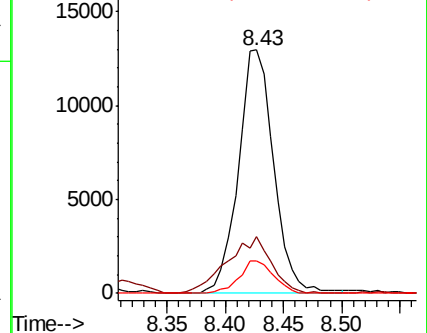
87 12.9 10.4 15.6



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: 20.994 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008097.D

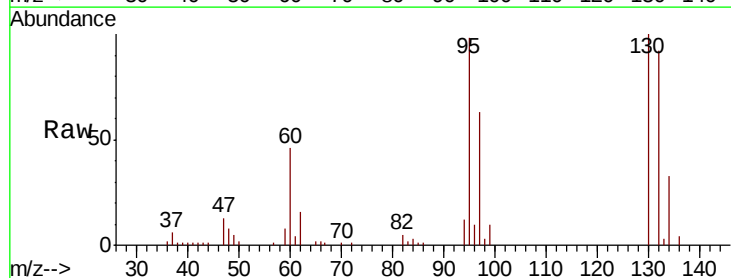
Acq: 09 Jan 2019 12:37

Tgt Ion: 130 Resp: 23167

Ion Ratio Lower Upper

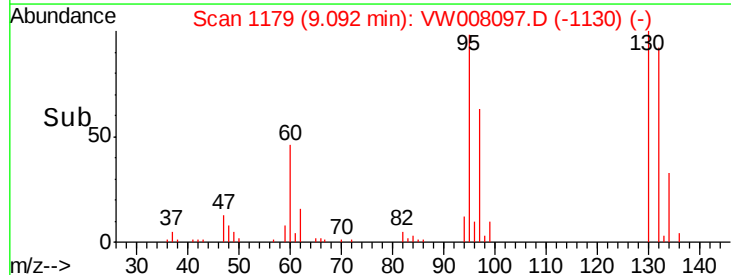
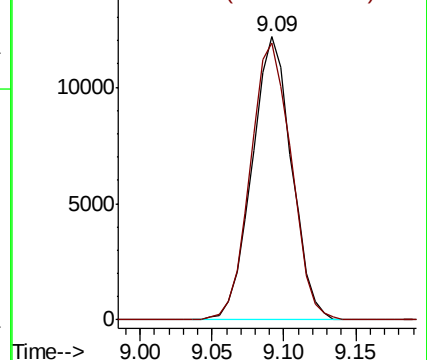
130 100

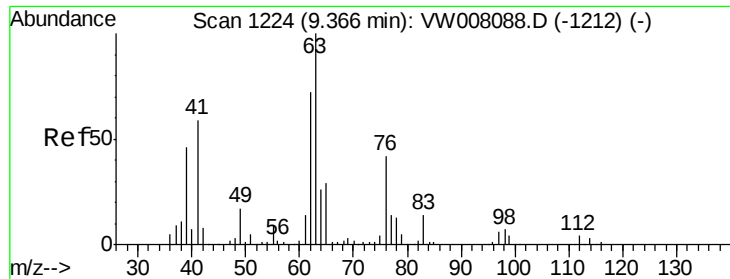
95 97.9 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

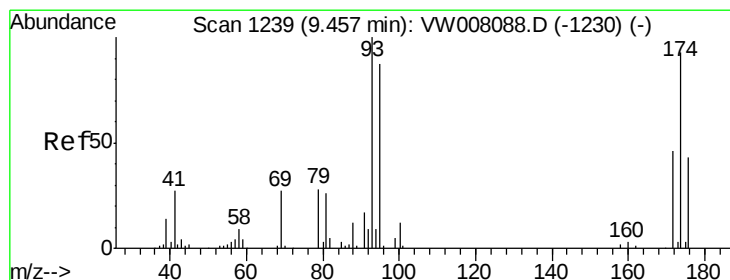
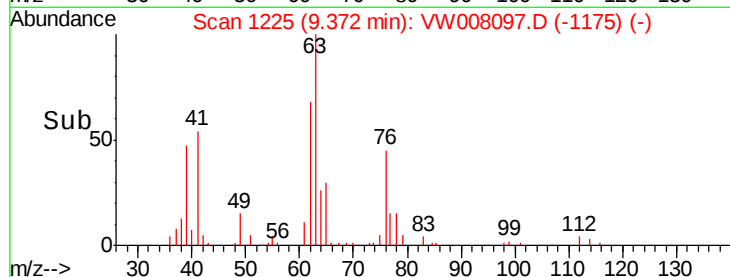
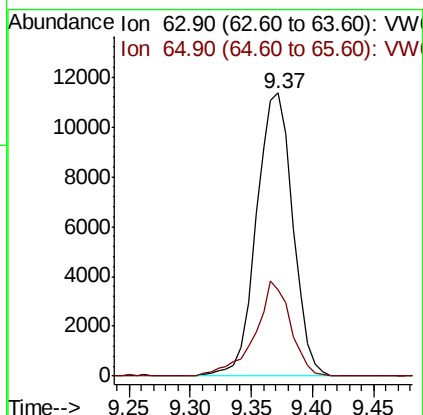
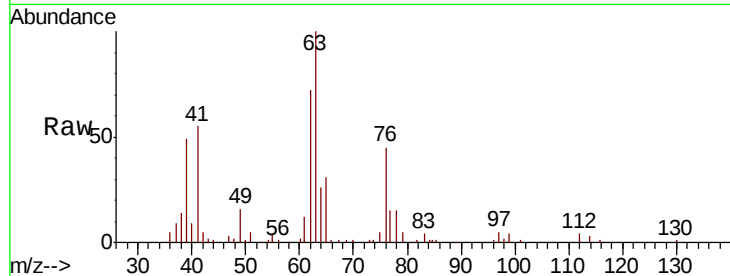




#45
 1,2-Dichloropropane
 Concen: 21.999 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

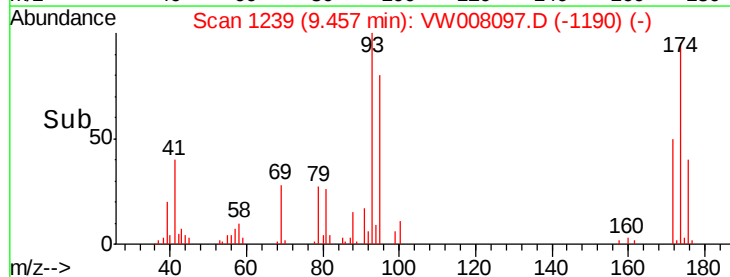
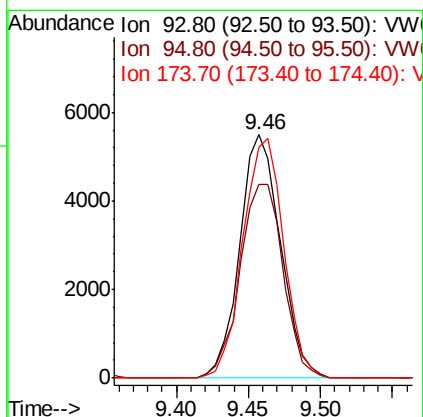
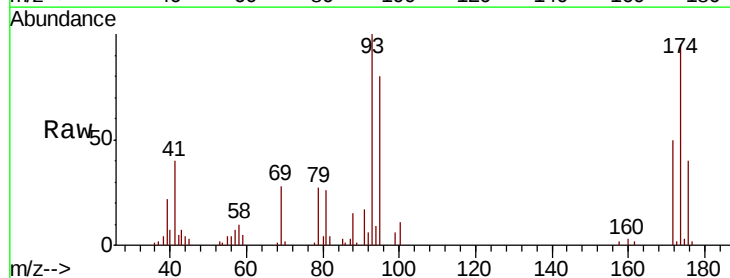
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

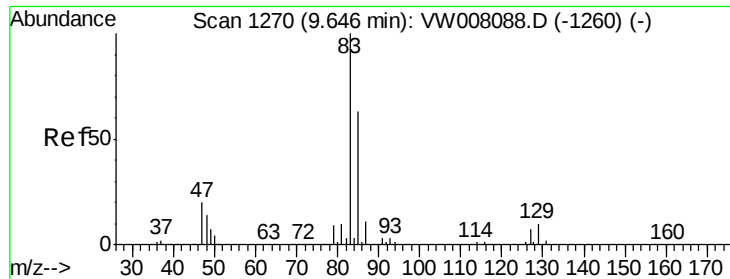
Tgt Ion: 63 Resp: 23515
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.3 34.9



#46
 Dibromomethane
 Concen: 20.547 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 93 Resp: 10786
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.5 101.3
 174 98.4 72.5 108.7

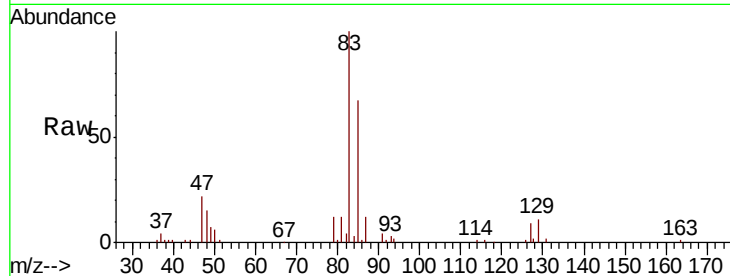




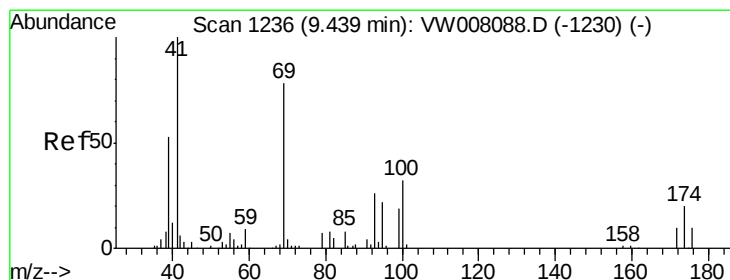
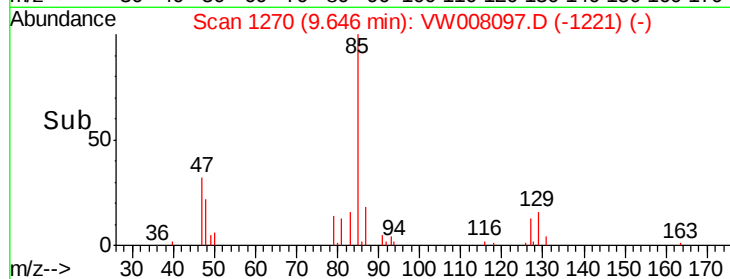
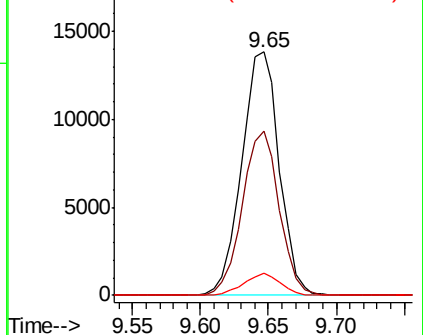
#47
Bromodichloromethane
Concen: 20.021 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

Tgt Ion: 83 Resp: 26686
Ion Ratio Lower Upper
83 100
85 67.2 50.7 76.1
127 8.9 6.0 9.0

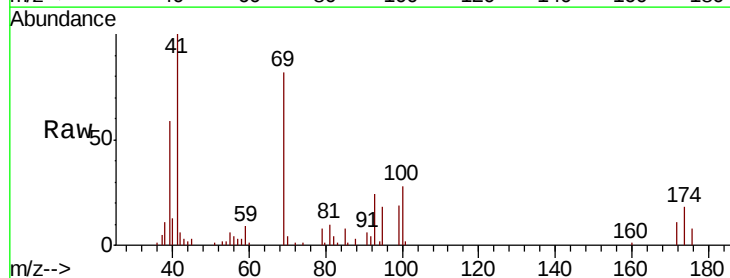


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

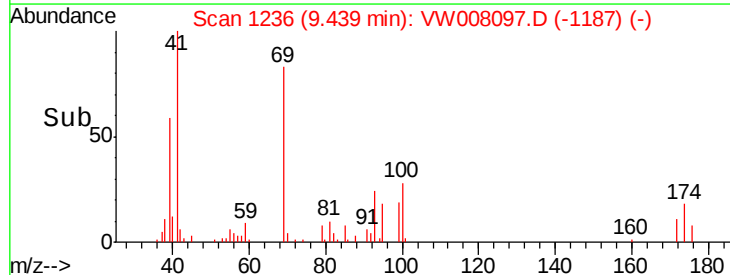
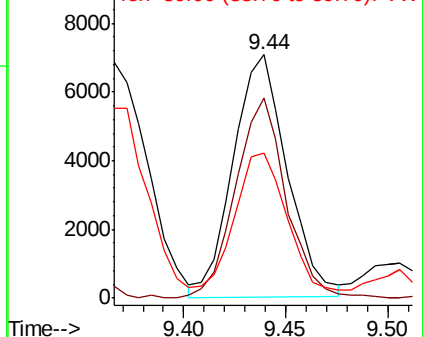


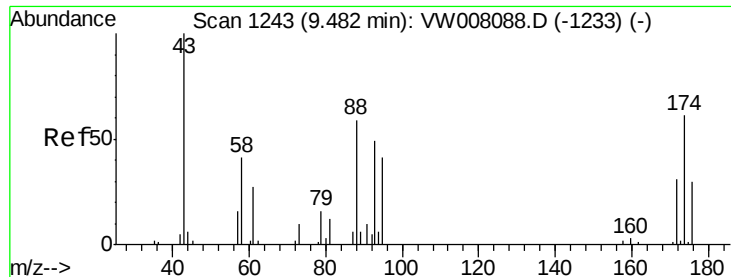
#48
Methyl methacrylate
Concen: 21.574 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 41 Resp: 12960
Ion Ratio Lower Upper
41 100
69 77.7 61.9 92.9
39 53.3 43.0 64.4



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

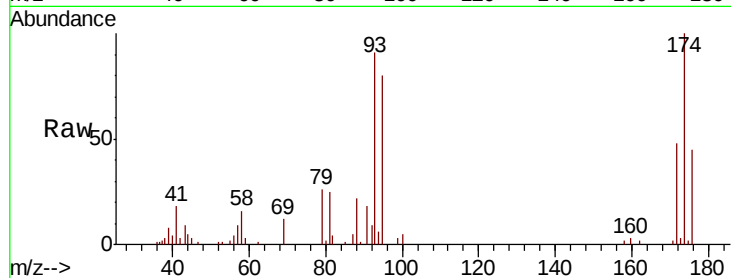




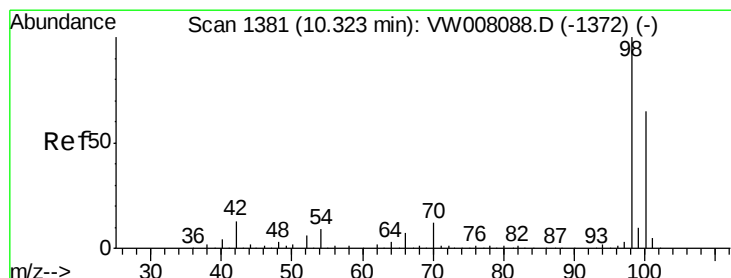
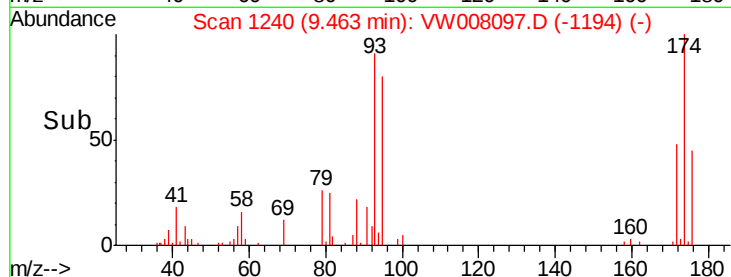
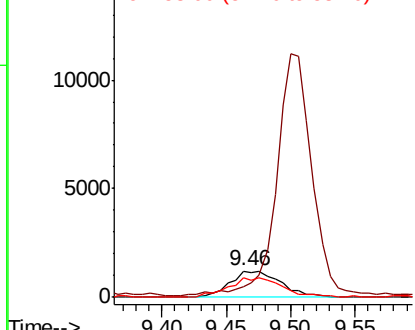
#49
 1,4-Dioxane
 Concen: 393.033 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

Tgt Ion: 88 Resp: 3318
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 78.7 61.7 92.5

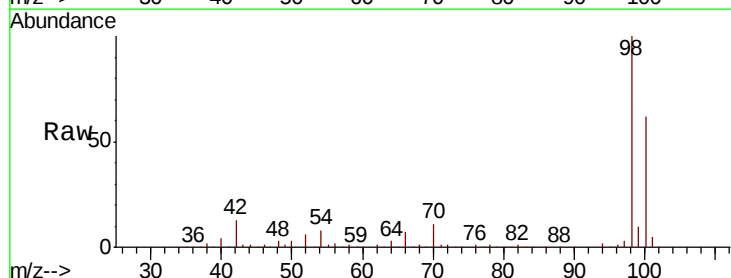


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

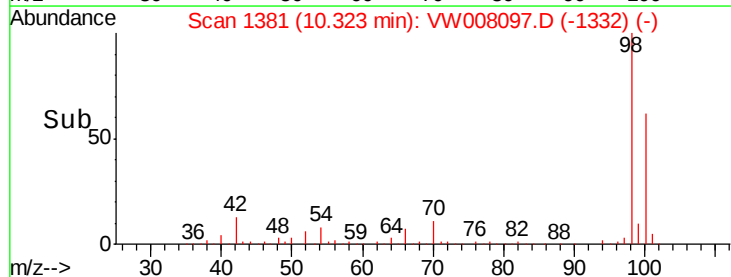
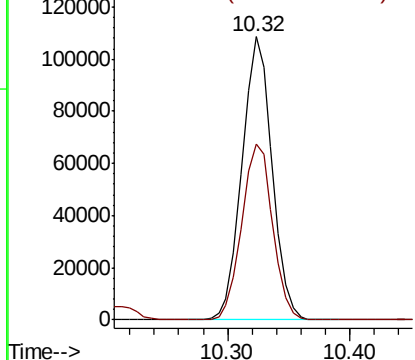


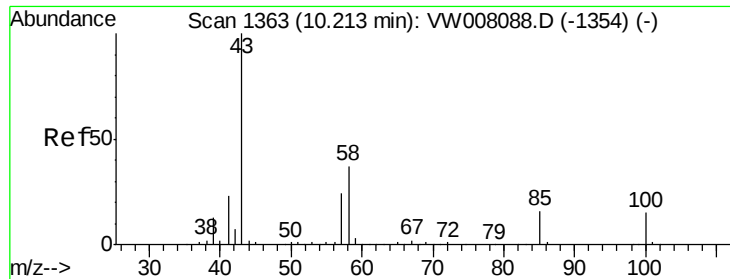
#50
 Toluene-d8
 Concen: 48.924 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 98 Resp: 184754
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.7 77.5



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: 105.312 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

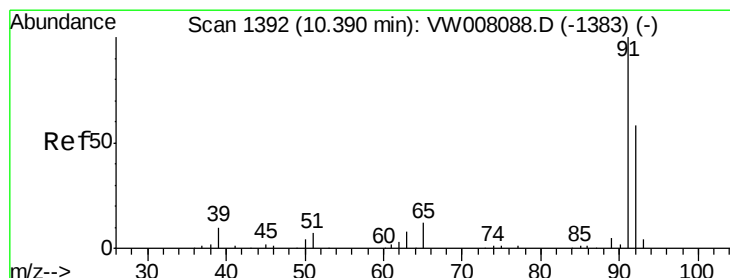
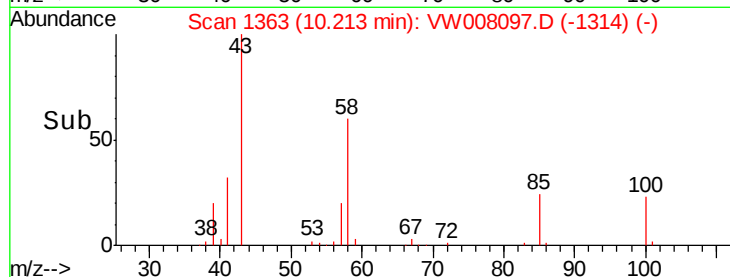
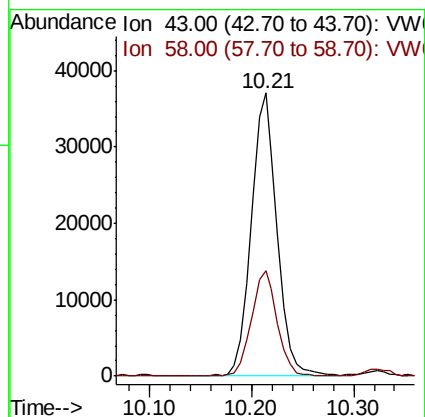
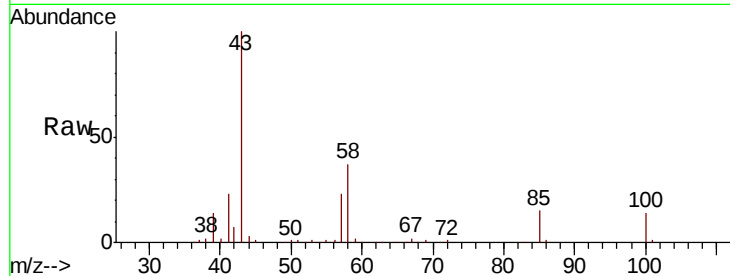
VW0109SBSD01

Tgt Ion: 43 Resp: 64899

Ion Ratio Lower Upper

43 100

58 37.4 30.6 46.0



#52

Toluene

Concen: 20.758 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008097.D

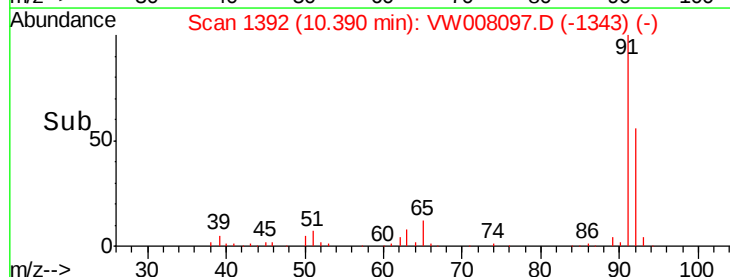
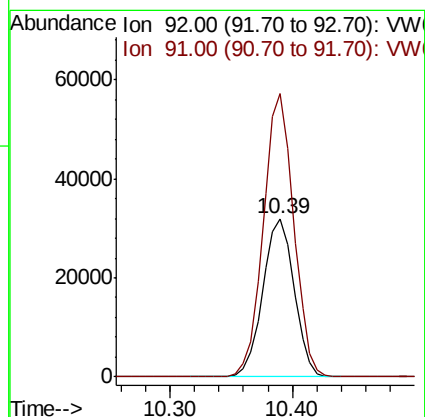
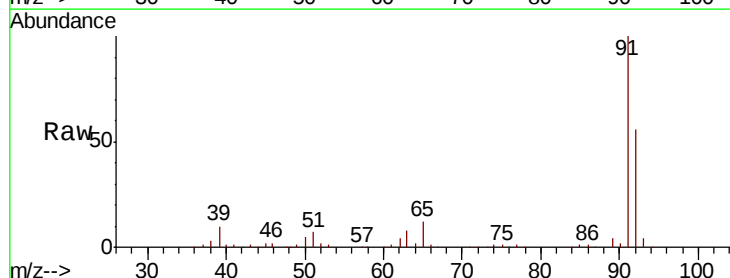
Acq: 09 Jan 2019 12:37

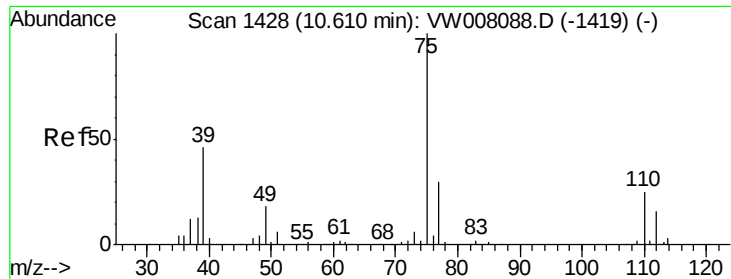
Tgt Ion: 92 Resp: 57147

Ion Ratio Lower Upper

92 100

91 172.6 137.0 205.4

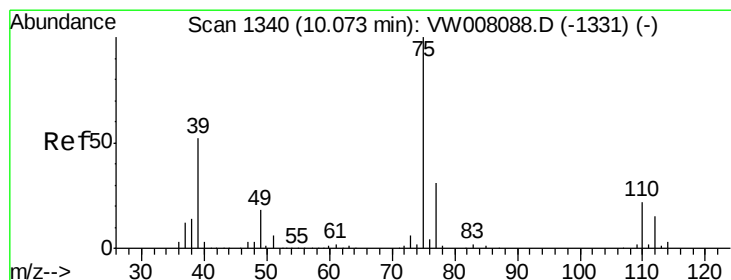
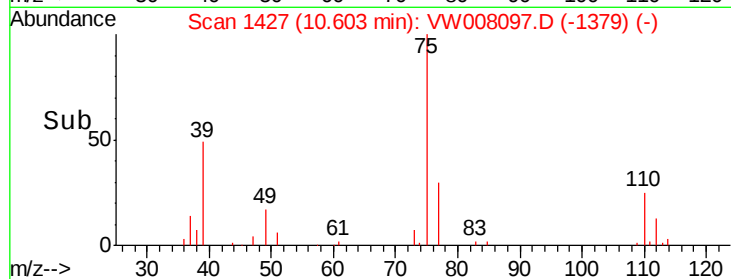
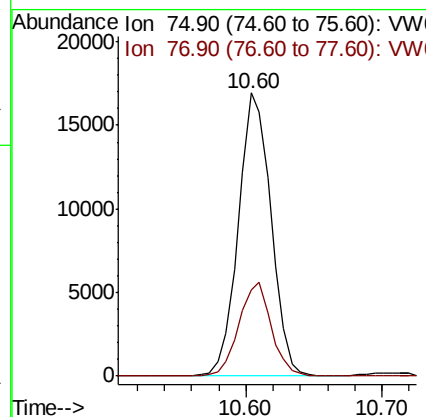
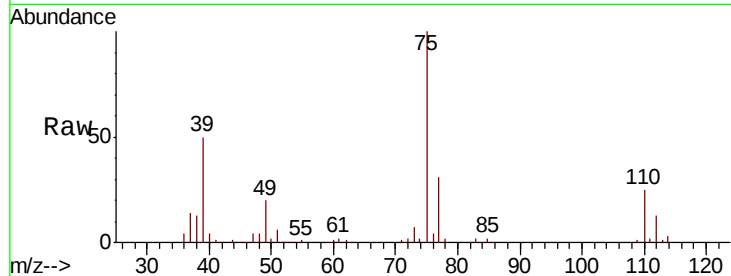




#53
 t-1,3-Dichloropropene
 Concen: 20.466 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

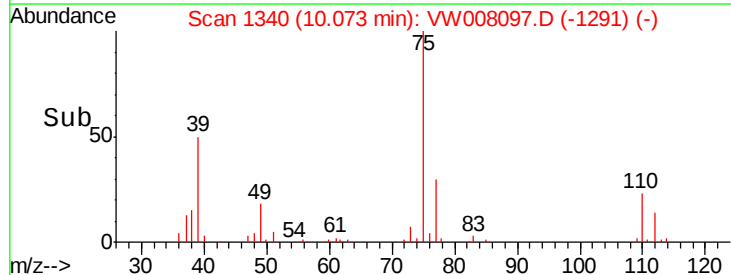
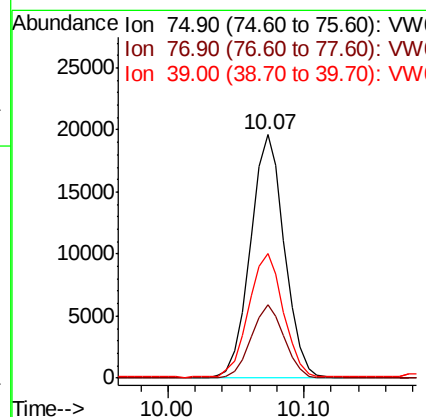
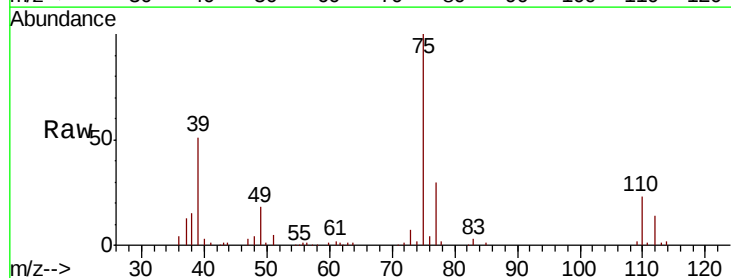
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

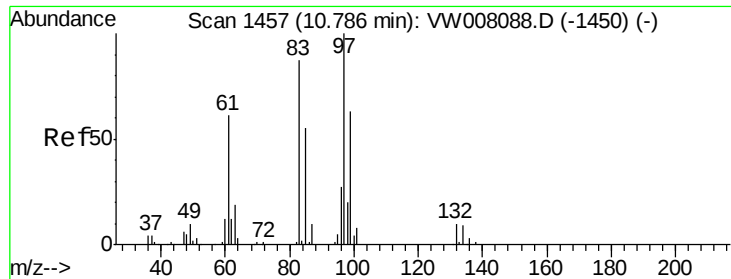
Tgt Ion: 75 Resp: 28376
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.881 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 75 Resp: 34331
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.2 37.8
 39 50.8 41.4 62.0

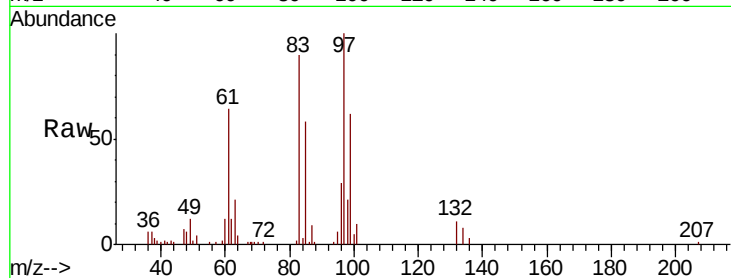




#55
 1,1,2-Trichloroethane
 Concen: 21.082 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.3	103.9
85	57.6	43.8	65.6
99	62.2	50.0	75.0



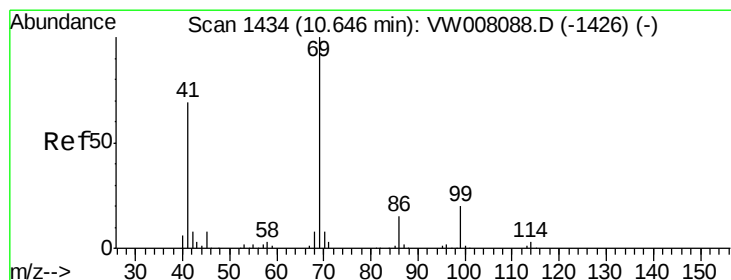
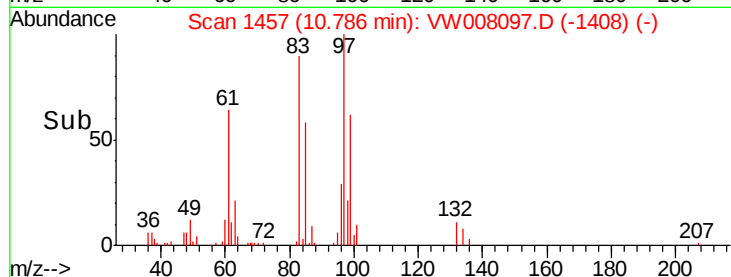
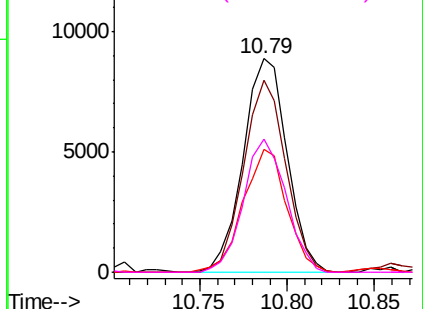
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

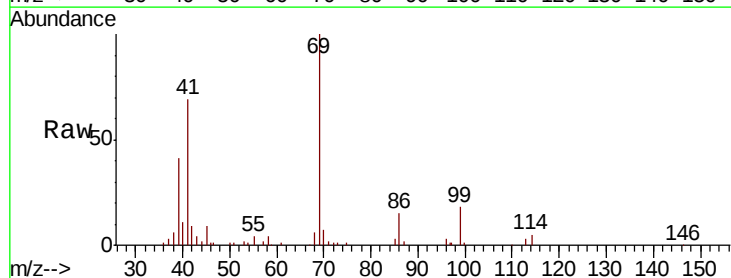
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.222 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.4	84.6
39	36.8	28.1	42.1

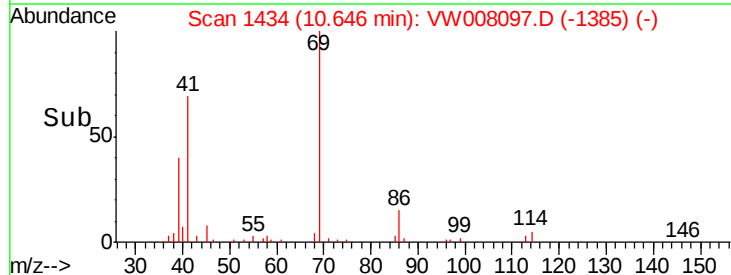
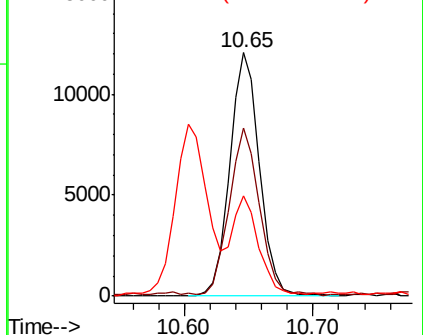


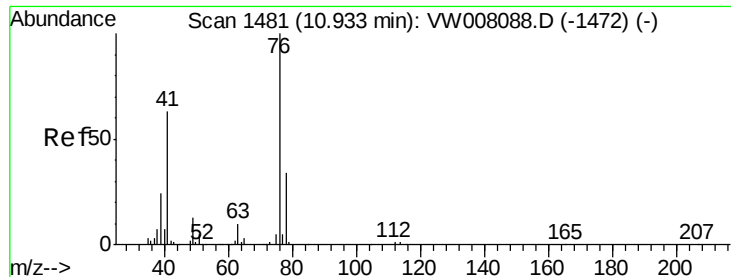
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

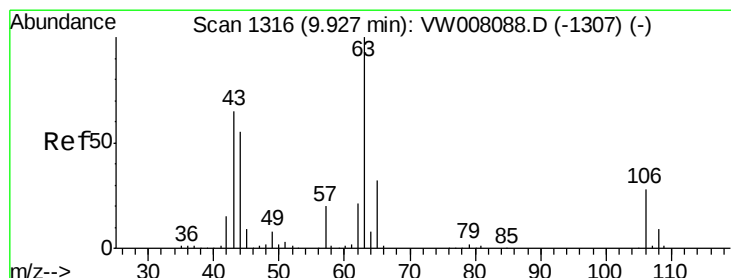
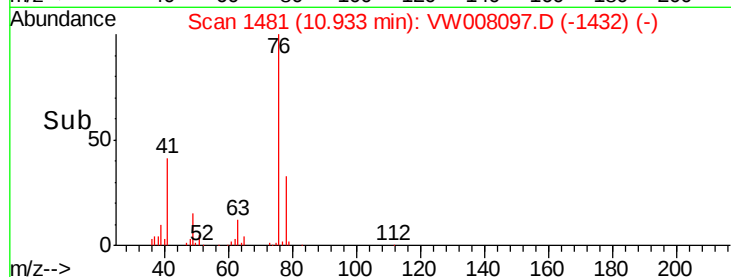
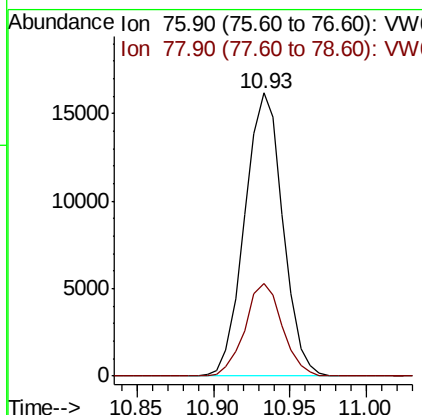
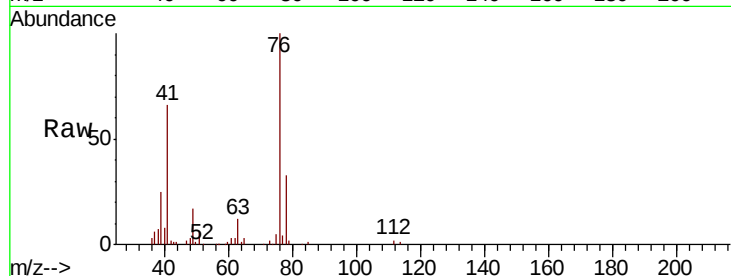




#57
 1,3-Dichloropropane
 Concen: 20.874 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

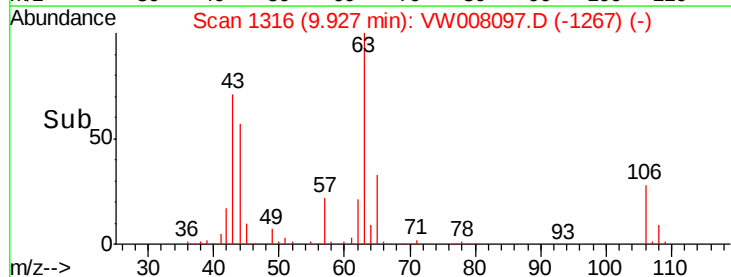
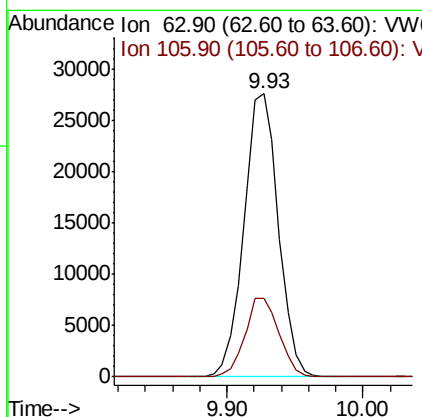
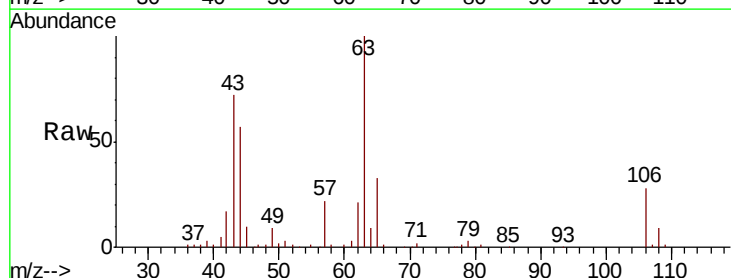
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

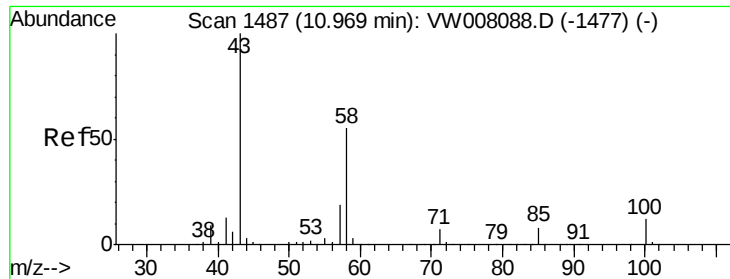
Tgt Ion: 76 Resp: 28136
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.412 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 63 Resp: 48756
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.6

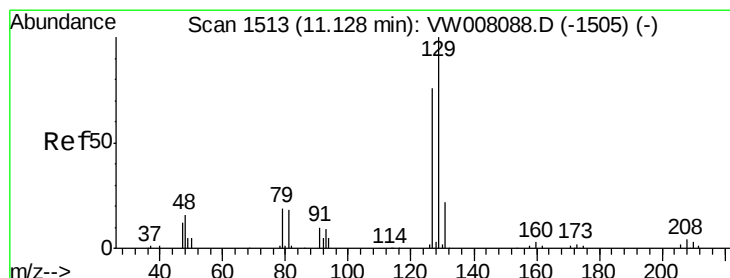
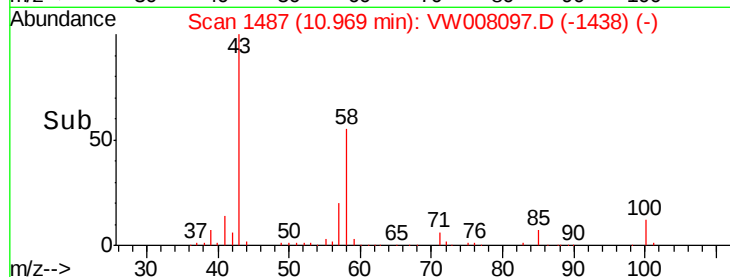
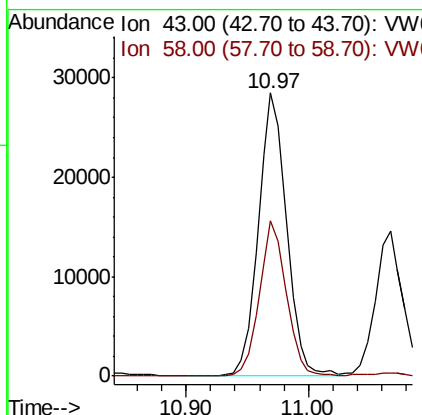
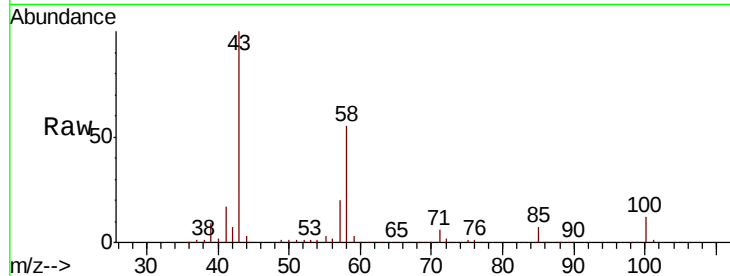




#59
2-Hexanone
Concen: 110.227 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

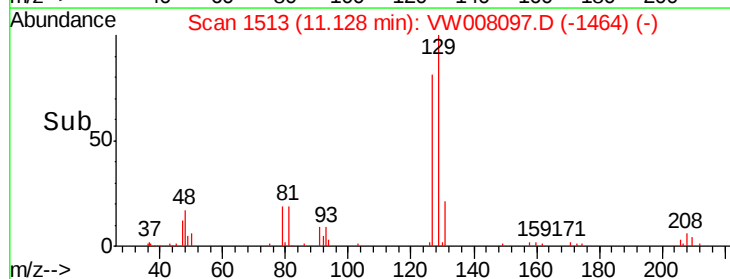
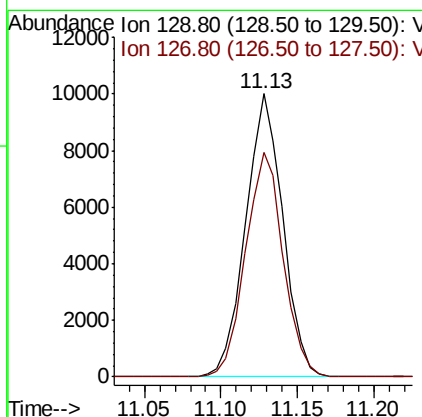
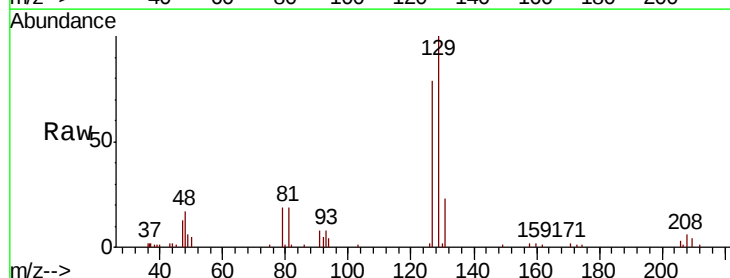
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

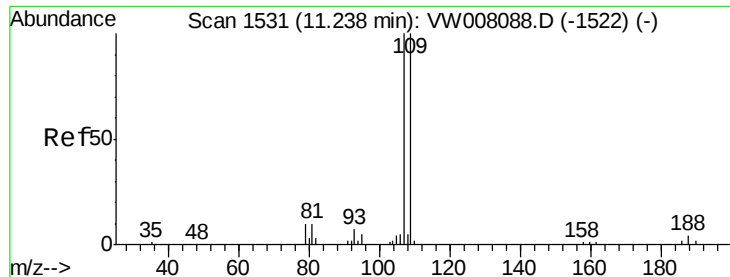
Tgt Ion: 43 Resp: 45936
Ion Ratio Lower Upper
43 100
58 52.4 27.2 81.5



#60
Dibromochloromethane
Concen: 20.874 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 129 Resp: 16894
Ion Ratio Lower Upper
129 100
127 80.3 38.9 116.6

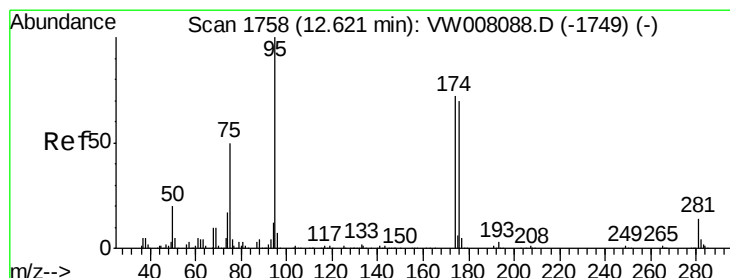
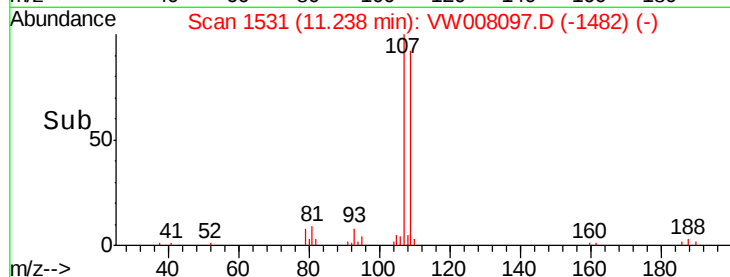
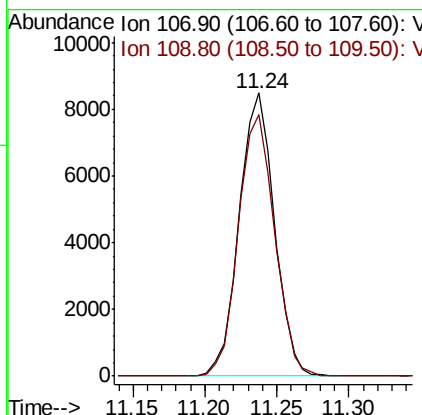
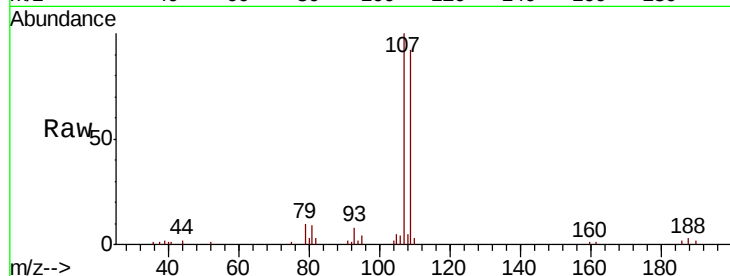




#61
 1,2-Dibromoethane
 Concen: 20.604 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

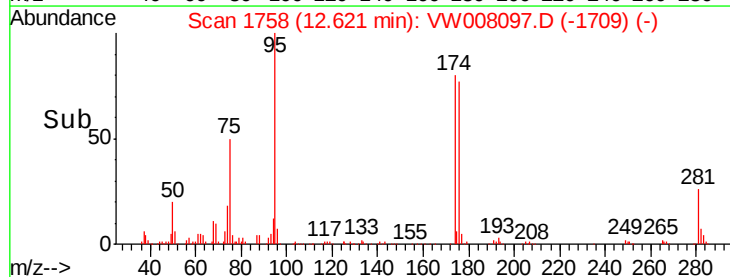
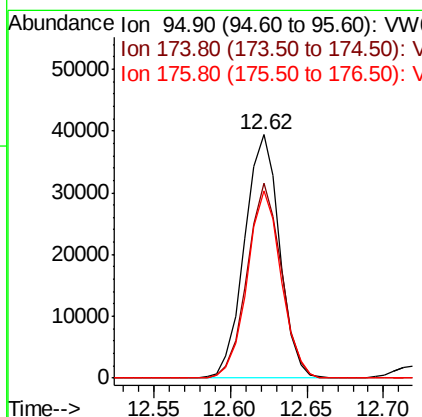
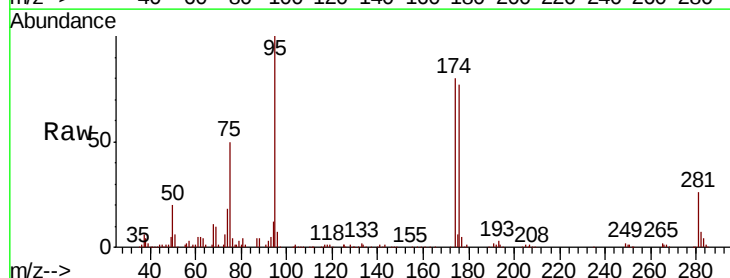
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

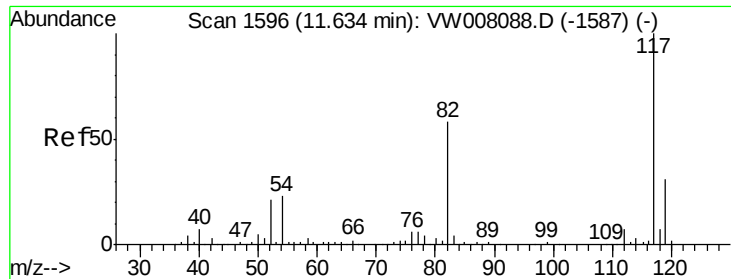
Tgt Ion: 107 Resp: 14409
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.259 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 95 Resp: 62626
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 143.0
 176 74.8 0.0 140.2

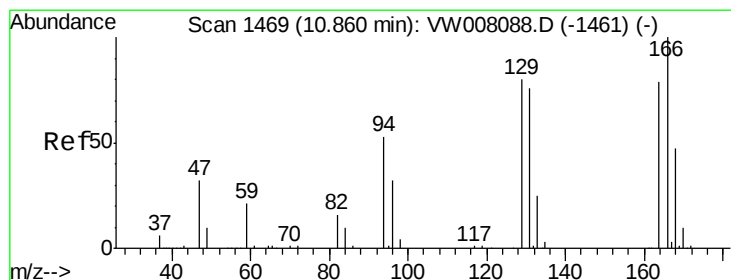
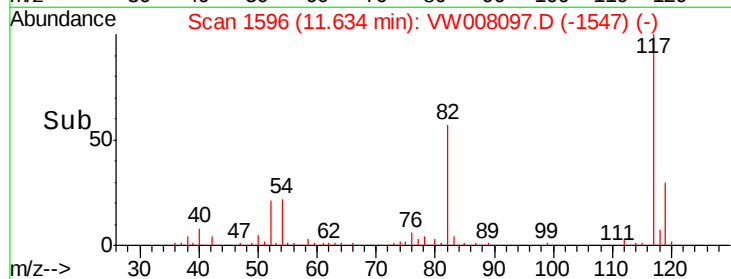
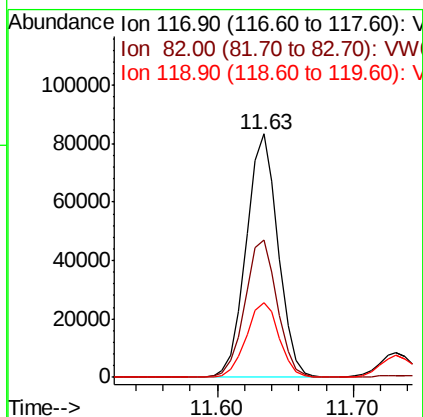
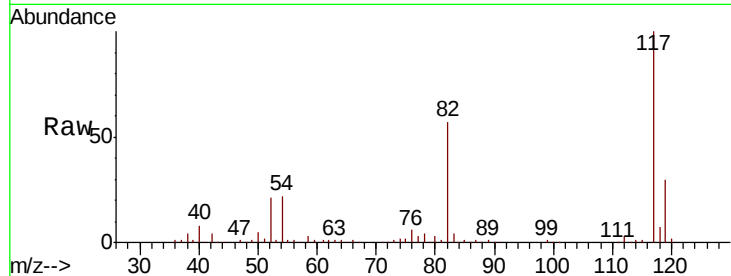




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

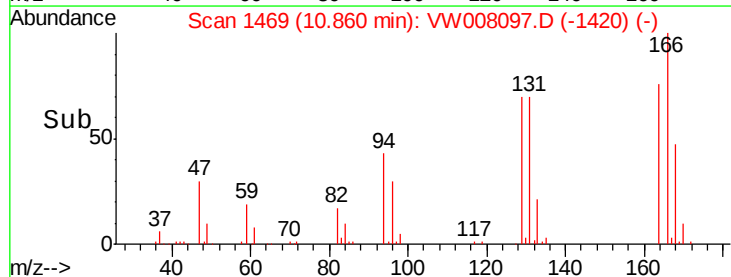
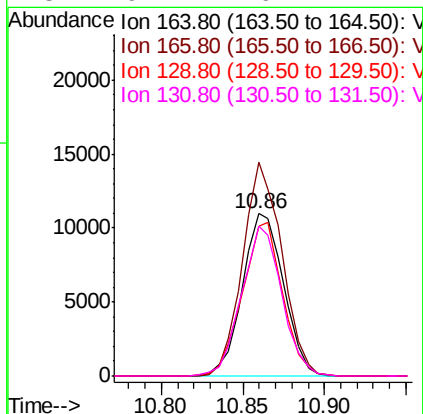
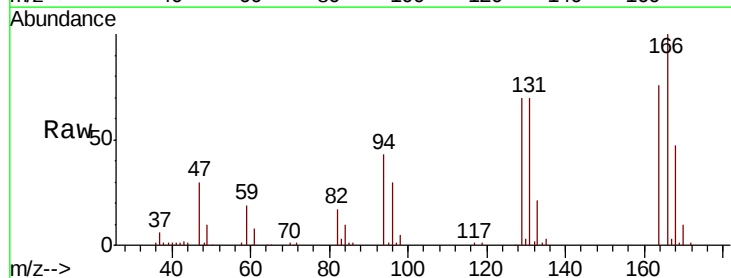
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

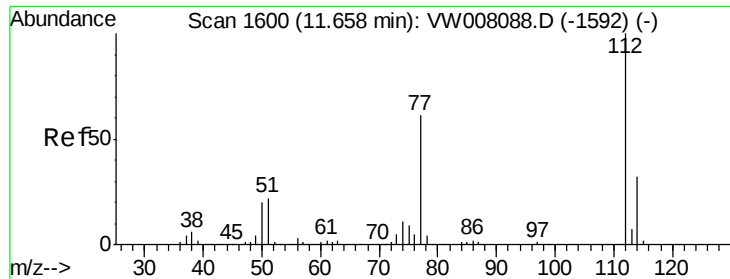
Tgt Ion:117 Resp: 136305
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 30.5 24.7 37.1



#64
Tetrachloroethene
Concen: 21.673 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion:164 Resp: 19225
Ion Ratio Lower Upper
164 100
166 131.6 100.7 151.1
129 92.5 81.0 121.4
131 92.1 76.1 114.1

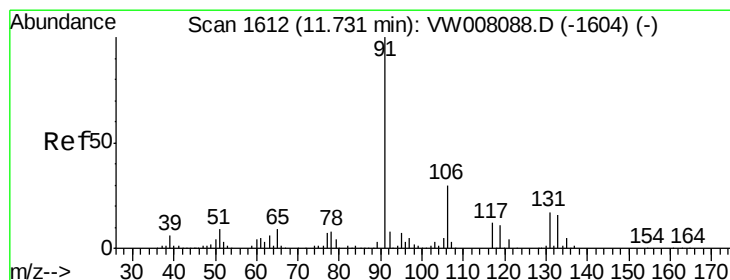
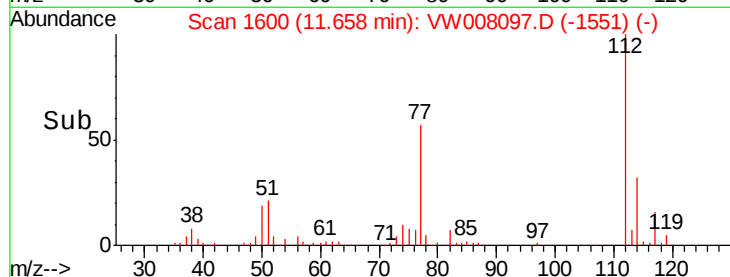
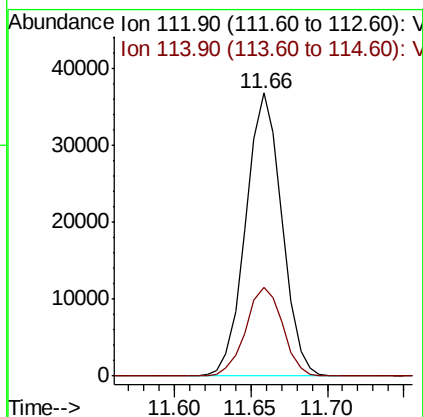
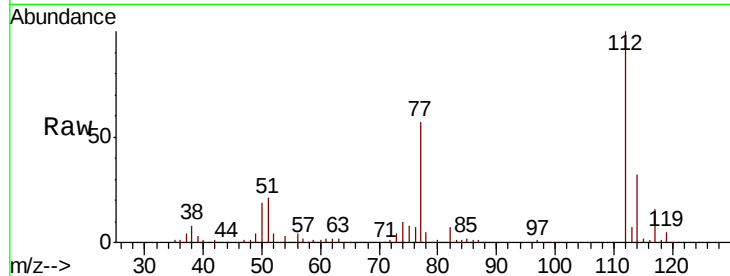




#65
Chlorobenzene
Concen: 20.945 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

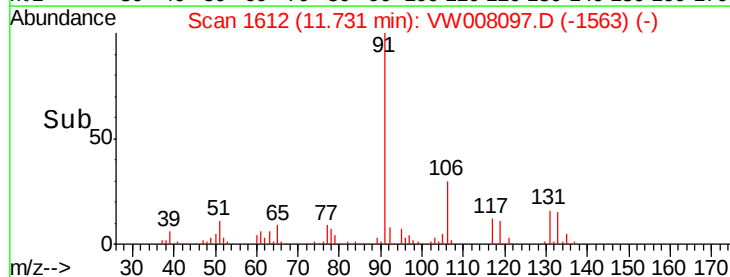
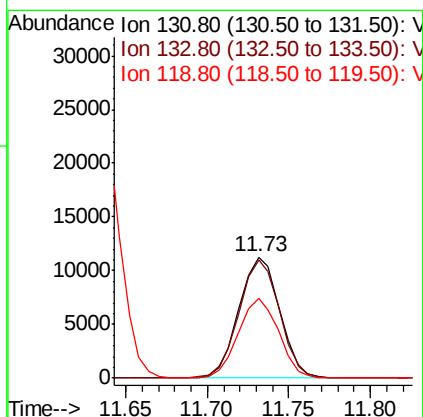
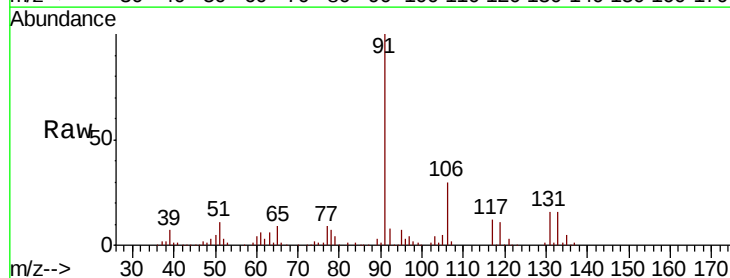
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

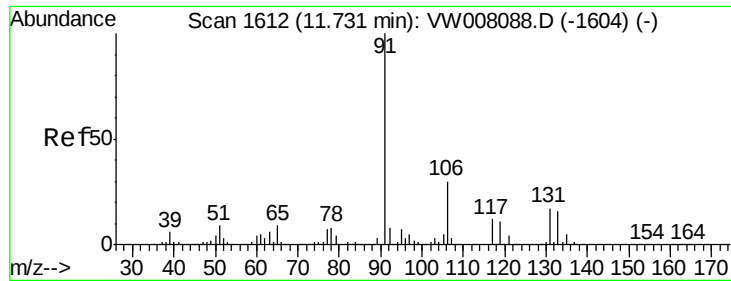
Tgt Ion:112 Resp: 60484
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.877 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion:131 Resp: 19609
Ion Ratio Lower Upper
131 100
133 97.5 47.9 143.7
119 64.9 32.5 97.4

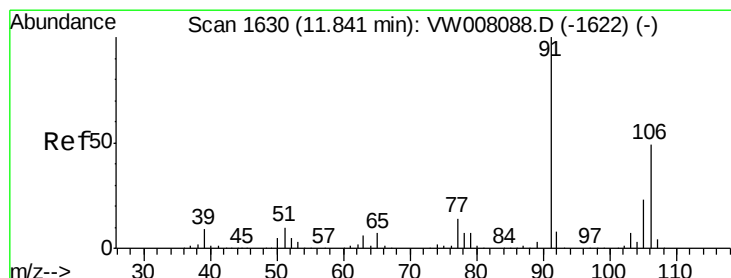
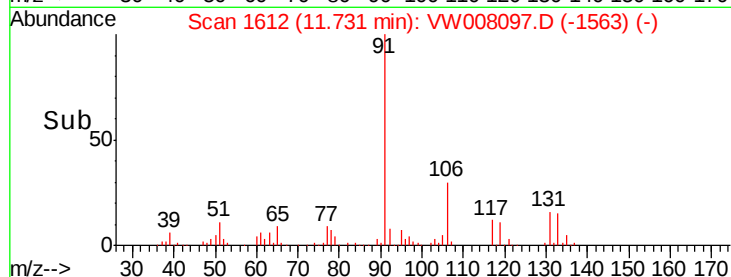
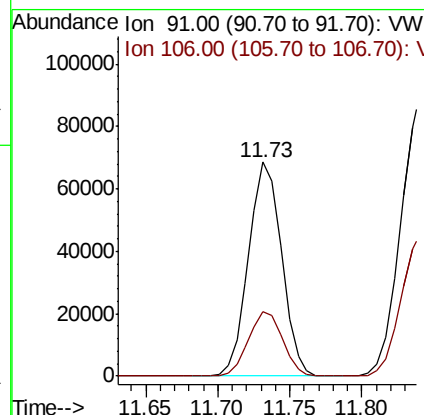
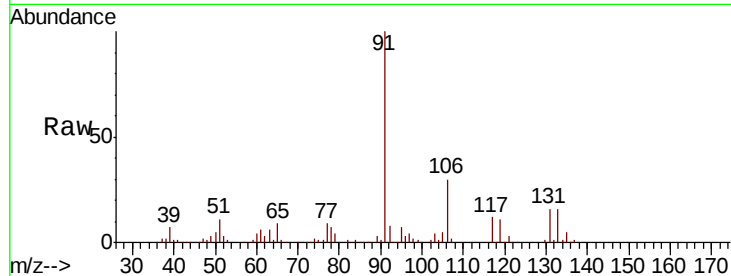




#67
Ethyl Benzene
Concen: 20.711 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

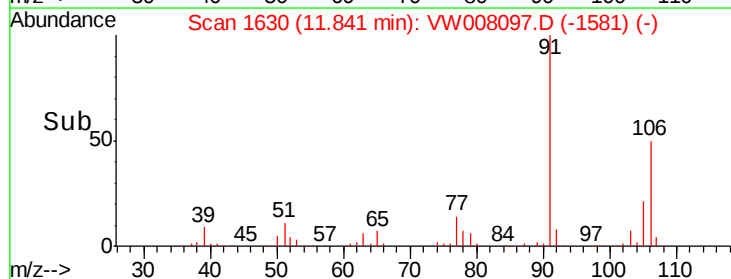
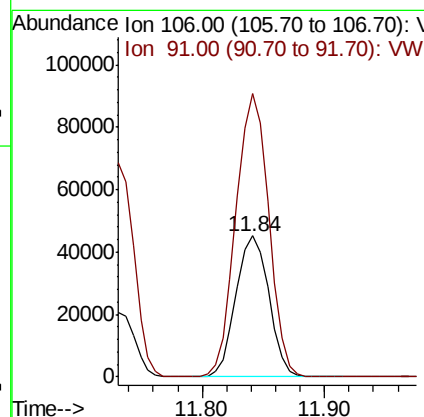
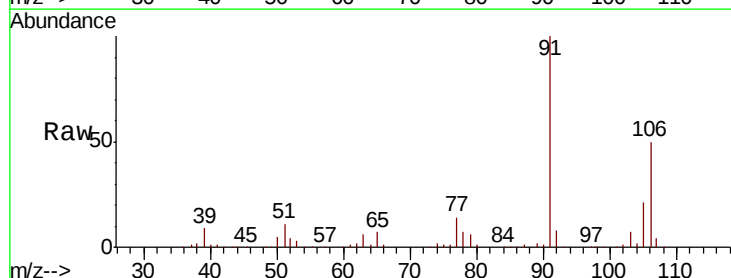
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

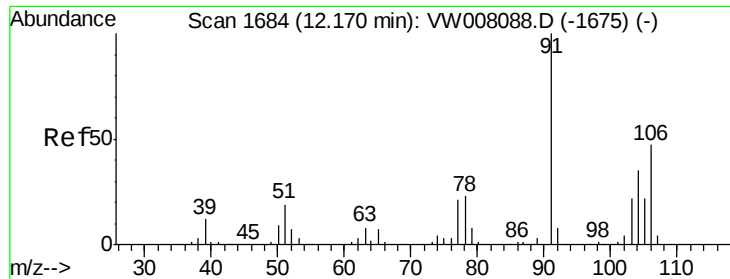
Tgt Ion: 91 Resp: 109433
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 42.005 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion: 106 Resp: 84714
Ion Ratio Lower Upper
106 100
91 199.8 162.4 243.6

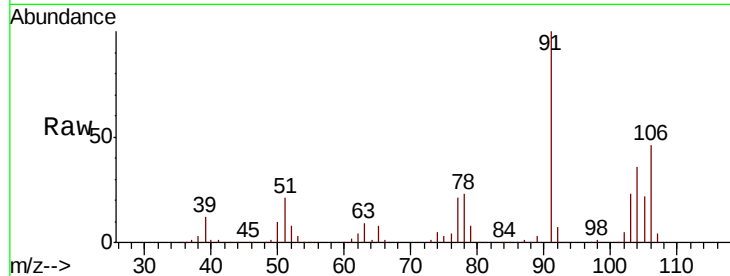




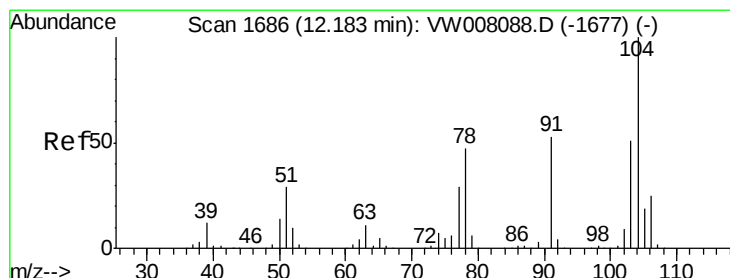
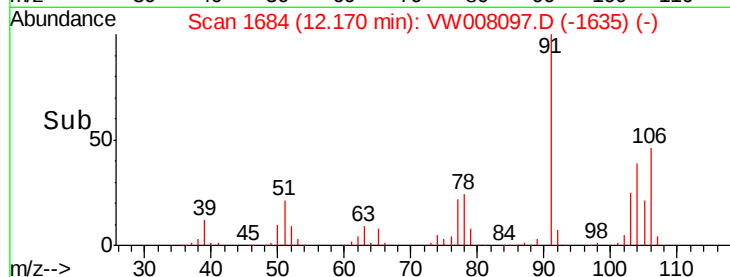
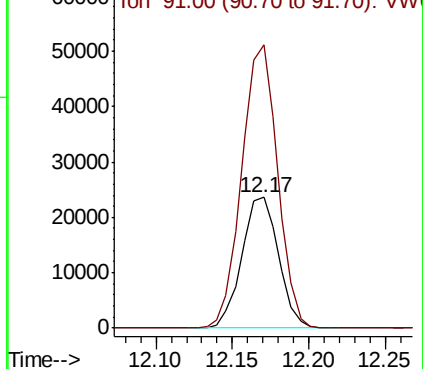
#69
o-Xylene
Concen: 21.136 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

Tgt Ion:106 Resp: 39473
Ion Ratio Lower Upper
106 100
91 211.0 107.8 323.6

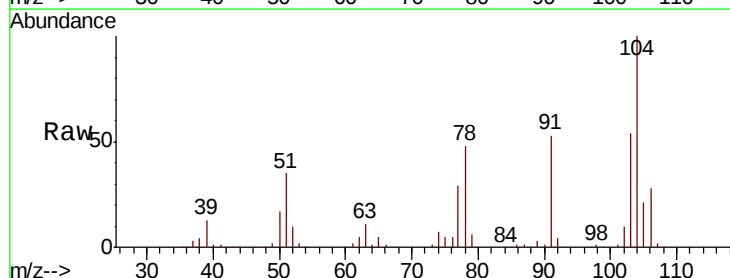


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

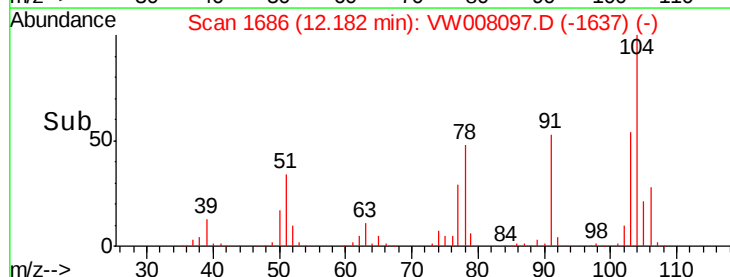
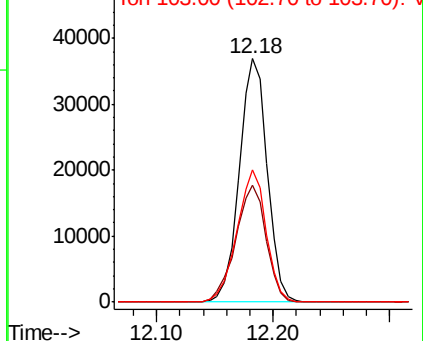


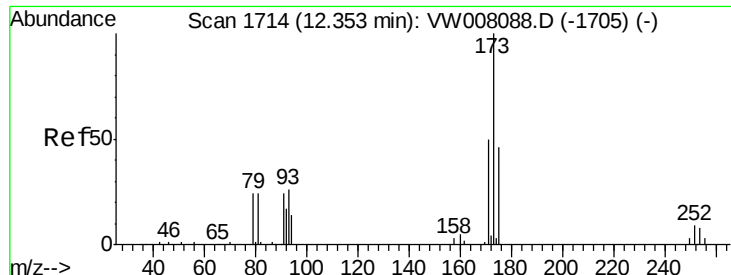
#70
Styrene
Concen: 21.071 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion:104 Resp: 61639
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 56.6 43.8 65.8



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

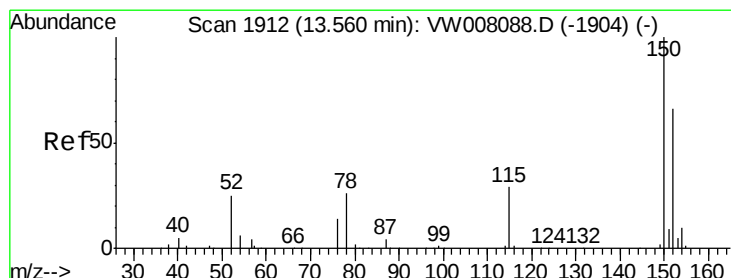
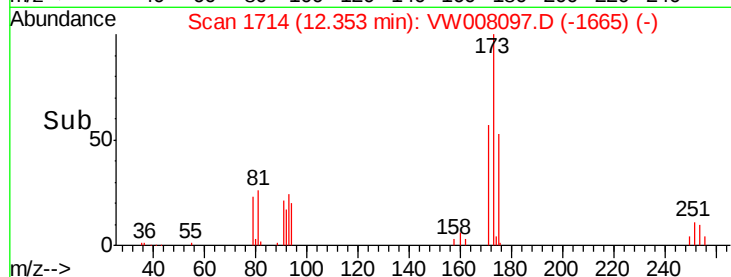
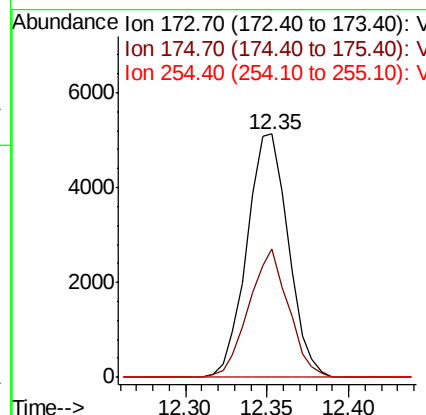
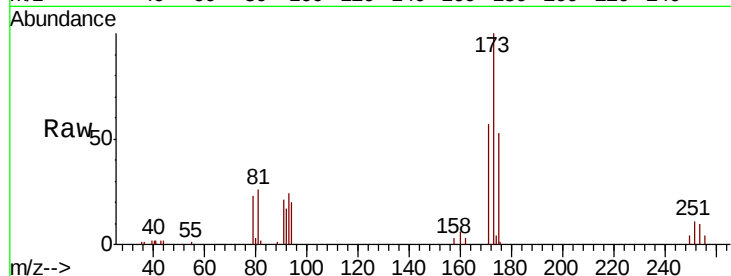




#71
Bromoform
Concen: 21.629 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

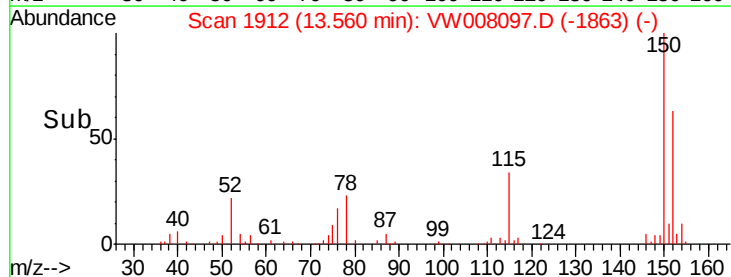
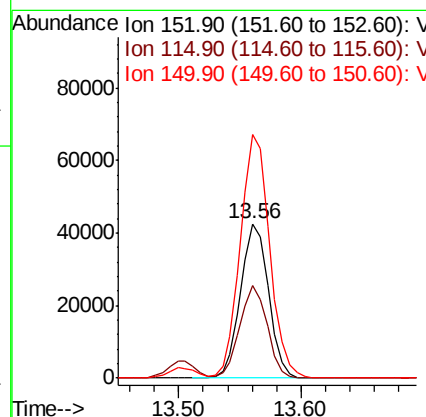
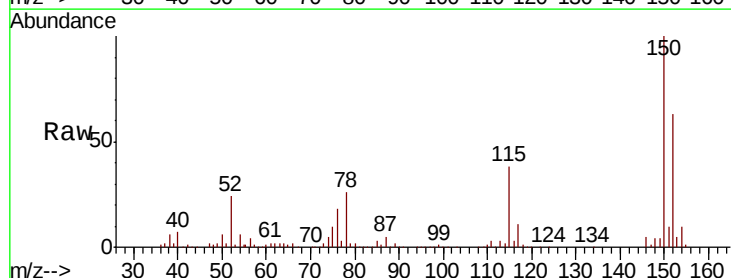
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

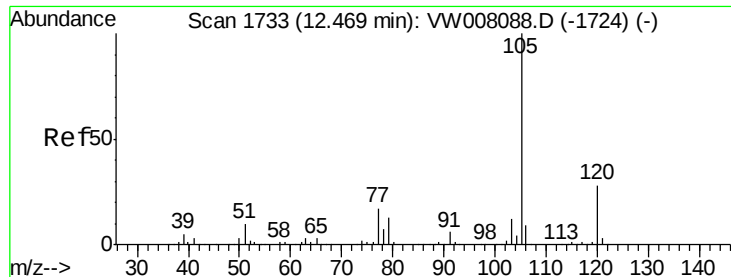
Tgt Ion:173 Resp: 9092
Ion Ratio Lower Upper
173 100
175 50.5 23.3 69.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion:152 Resp: 67368
Ion Ratio Lower Upper
152 100
115 58.5 30.8 92.4
150 165.7 0.0 350.2





#73

Isopropylbenzene

Concen: 20.506 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

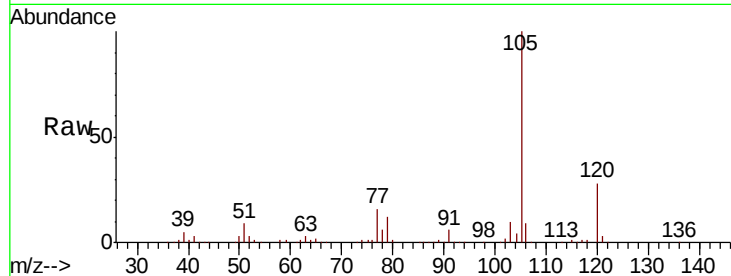
VW0109SBSD01

Tgt Ion: 105 Resp: 108456

Ion Ratio Lower Upper

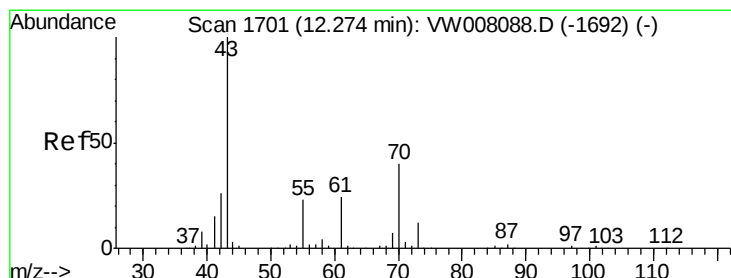
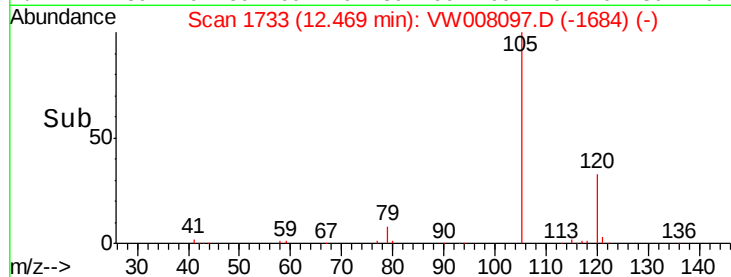
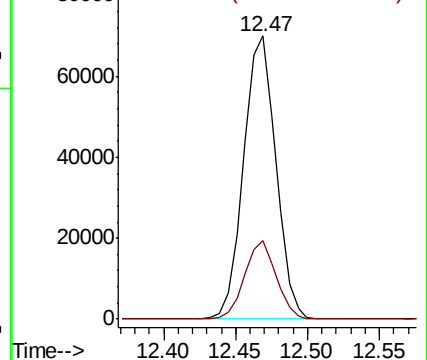
105 100

120 26.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.178 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Tgt Ion: 43 Resp: 24805

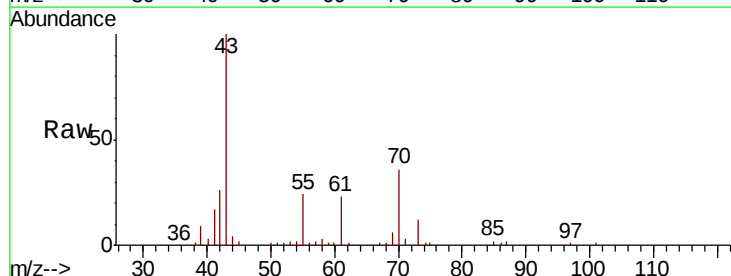
Ion Ratio Lower Upper

43 100

70 40.4 32.4 48.6

55 24.4 18.7 28.1

61 22.7 19.0 28.6

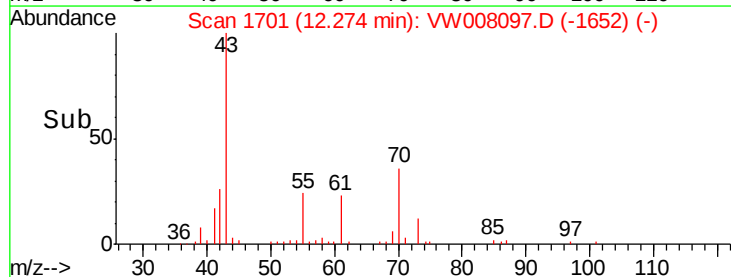
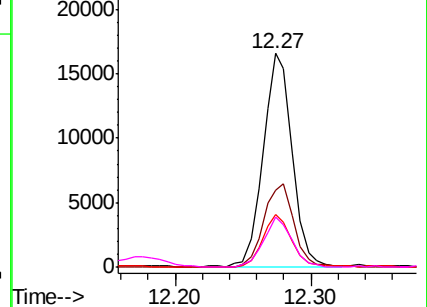


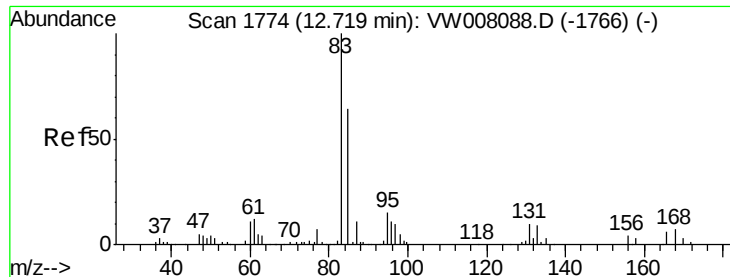
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

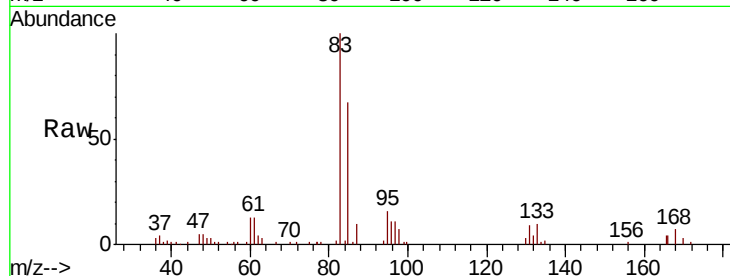




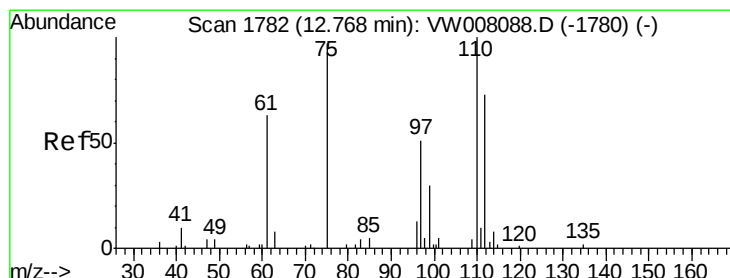
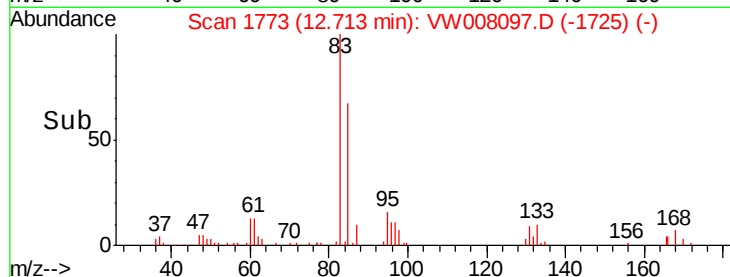
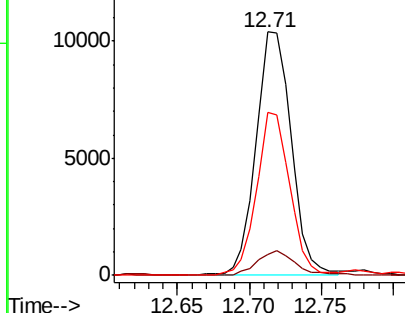
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.818 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

Tgt Ion: 83 Resp: 17624
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.3 16.1
 85 62.8 32.4 97.2

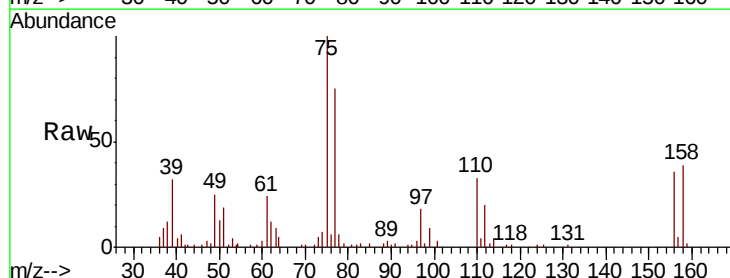


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VW

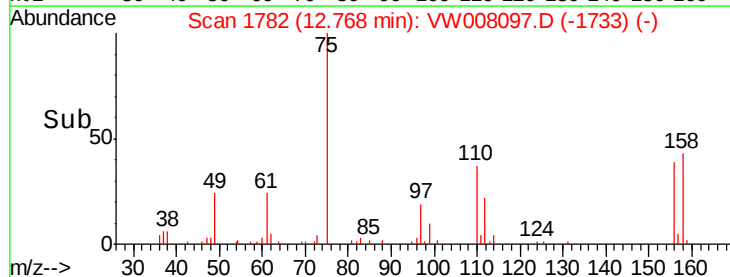
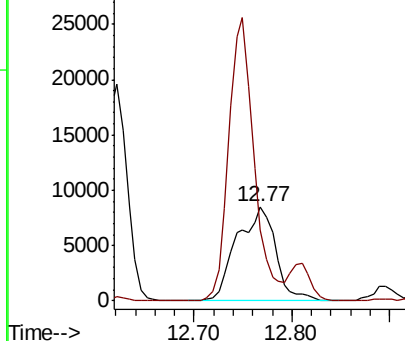


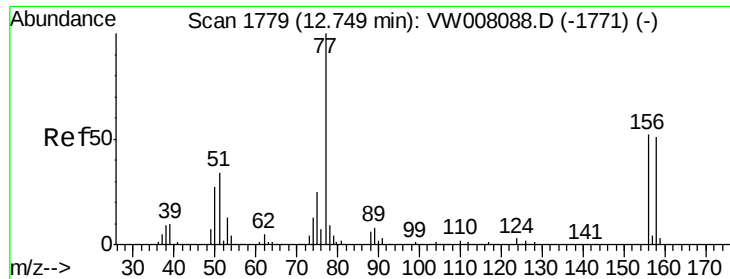
#76
 1,2,3-Trichloropropane
 Concen: 38.316 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion: 75 Resp: 23531
 Ion Ratio Lower Upper
 75 100
 77 196.6 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.753 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD01

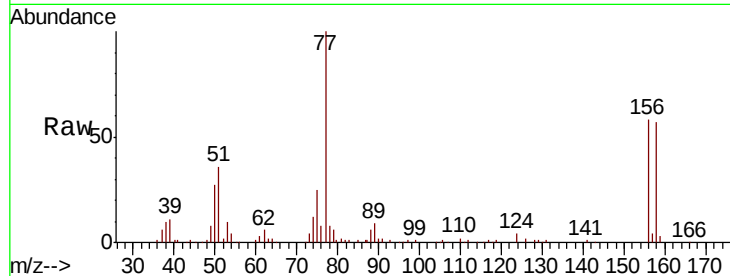
Tgt Ion:156 Resp: 23193

Ion Ratio Lower Upper

156 100

77 199.4 104.2 312.5

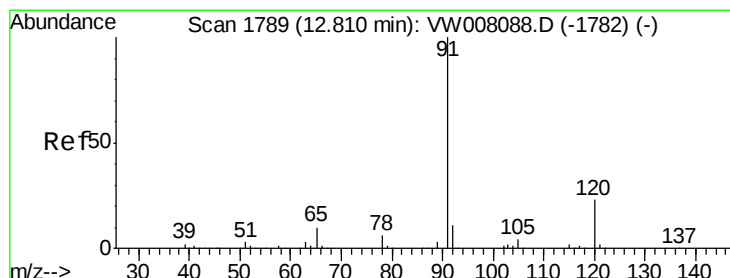
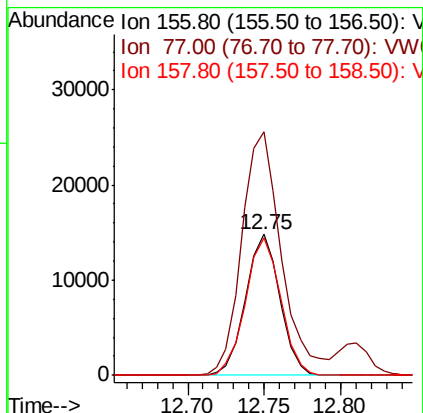
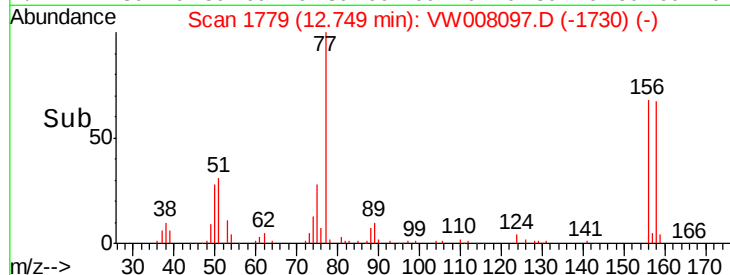
158 99.8 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.367 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008097.D

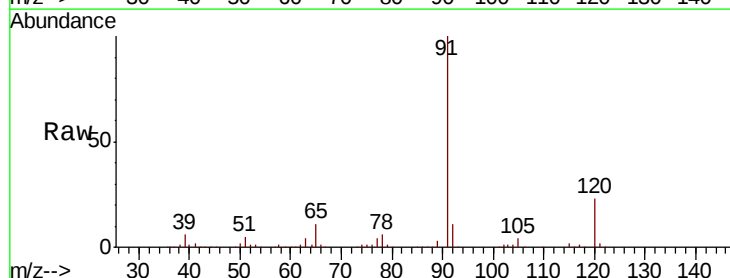
Acq: 09 Jan 2019 12:37

Tgt Ion: 91 Resp: 131987

Ion Ratio Lower Upper

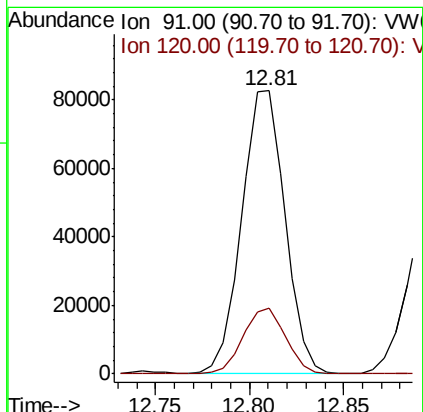
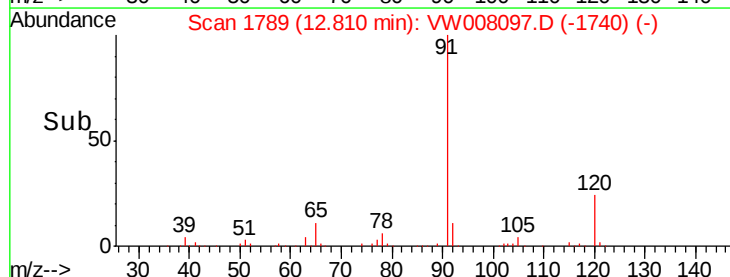
91 100

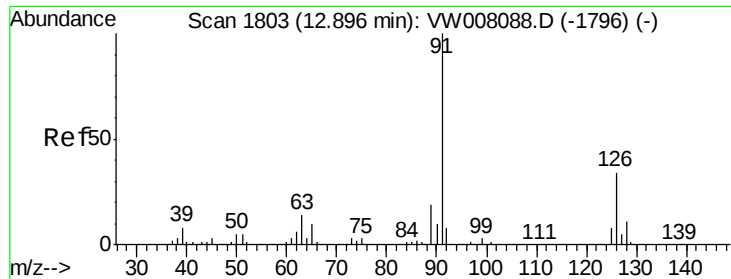
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.037 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

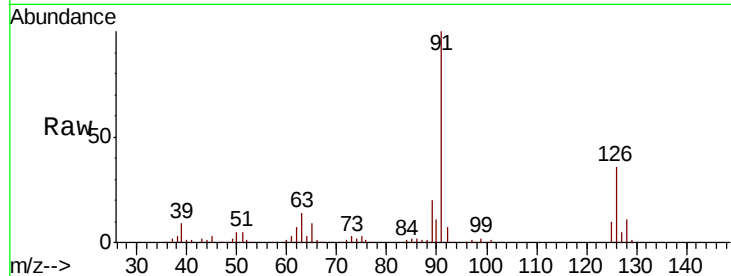
VW0109SBSD01

Tgt Ion: 91 Resp: 72443

Ion Ratio Lower Upper

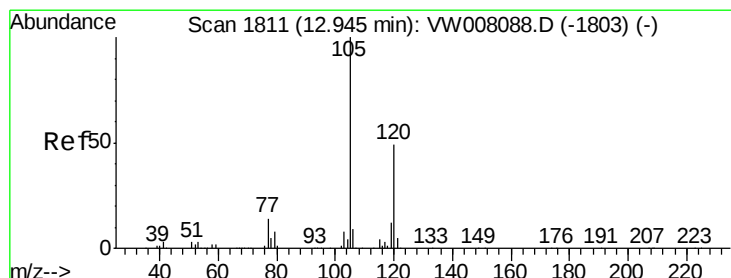
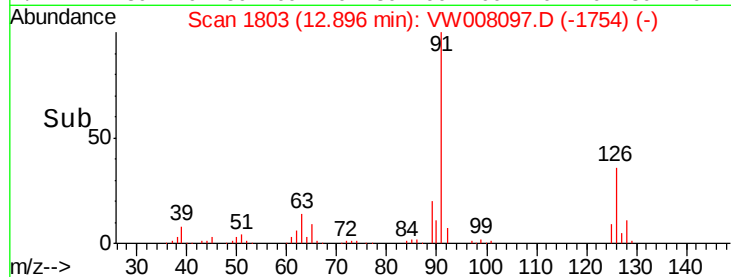
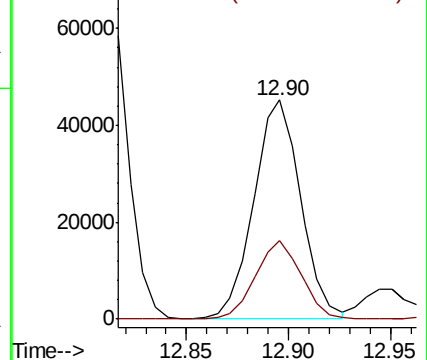
91 100

126 35.0 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.552 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008097.D

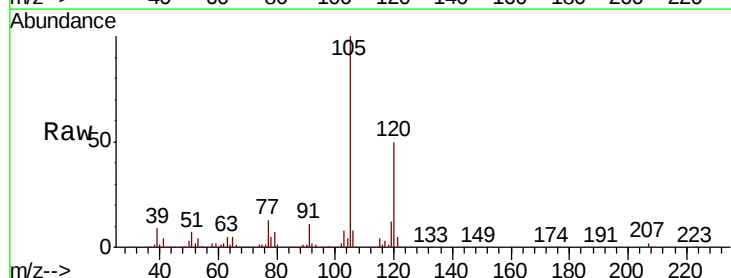
Acq: 09 Jan 2019 12:37

Tgt Ion:105 Resp: 89325

Ion Ratio Lower Upper

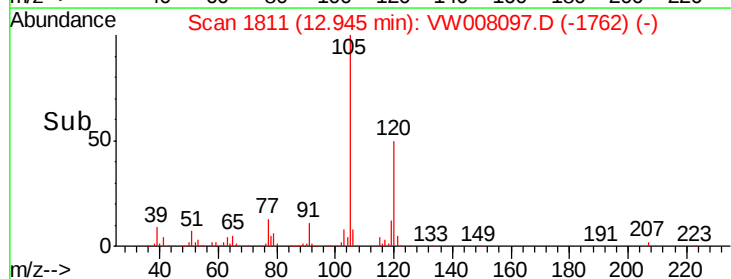
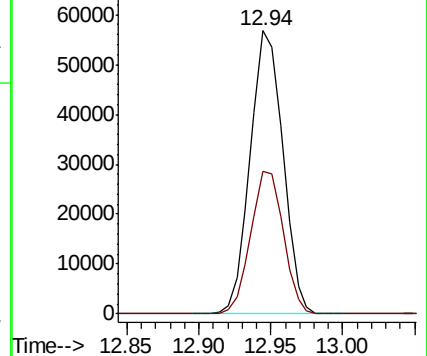
105 100

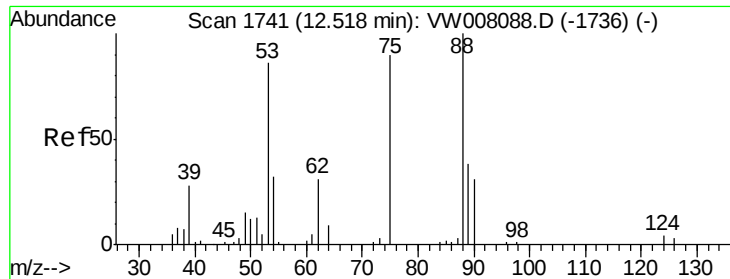
120 50.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.341 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD01

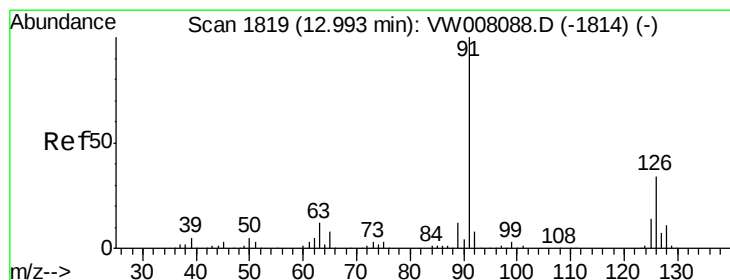
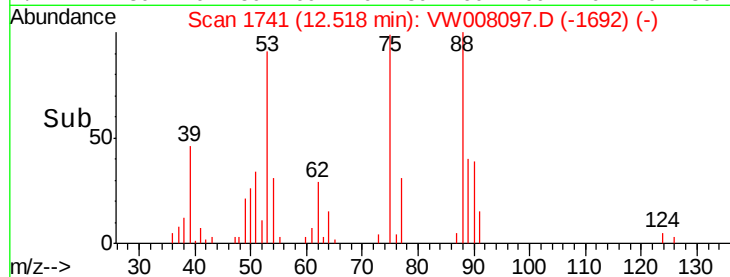
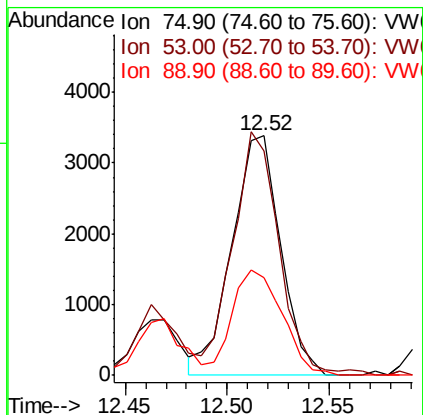
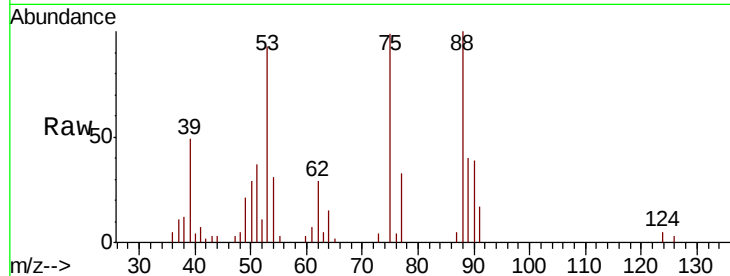
Tgt Ion: 75 Resp: 5628

Ion Ratio Lower Upper

75 100

53 96.4 78.8 118.2

89 45.0 35.4 53.2



#82

4-Chlorotoluene

Concen: 20.236 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008097.D

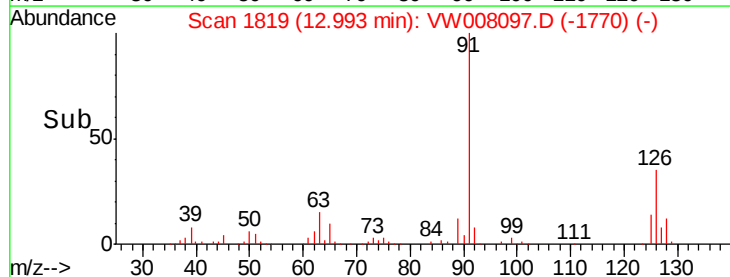
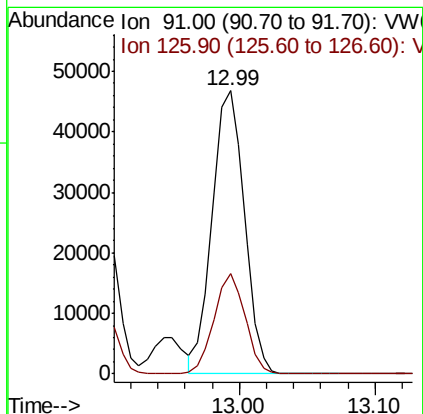
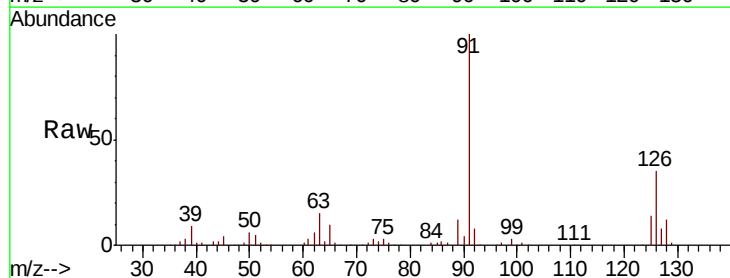
Acq: 09 Jan 2019 12:37

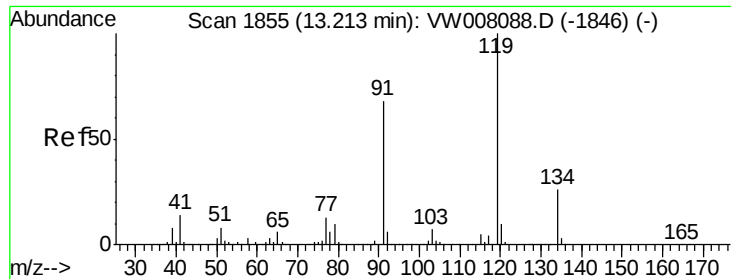
Tgt Ion: 91 Resp: 77055

Ion Ratio Lower Upper

91 100

126 34.2 16.5 49.5

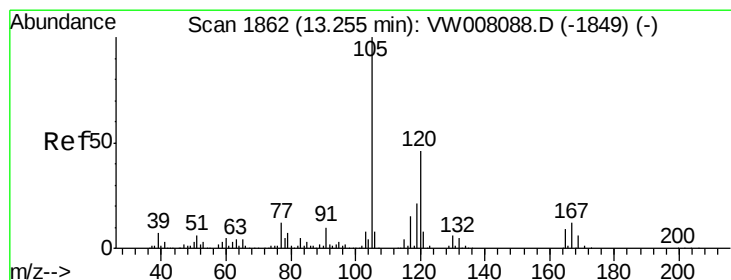
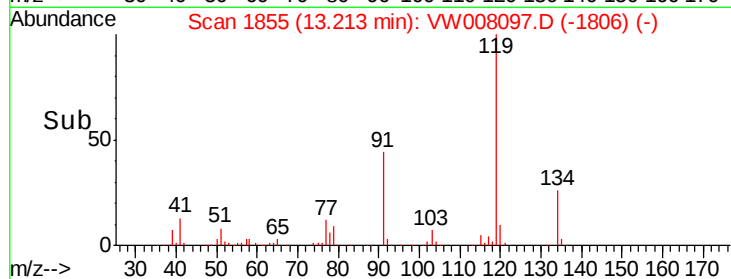
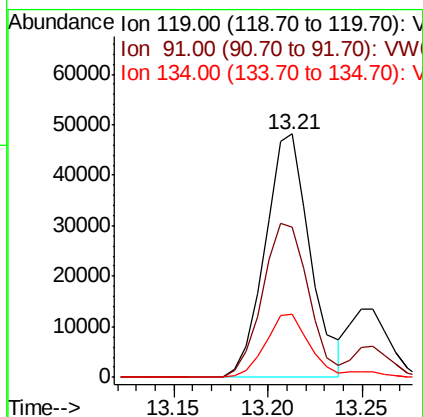
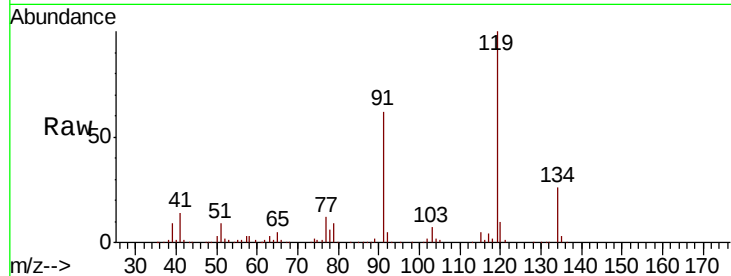




#83
 tert-Butylbenzene
 Concen: 20.757 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

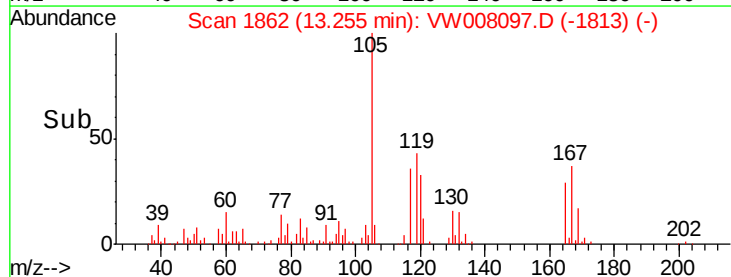
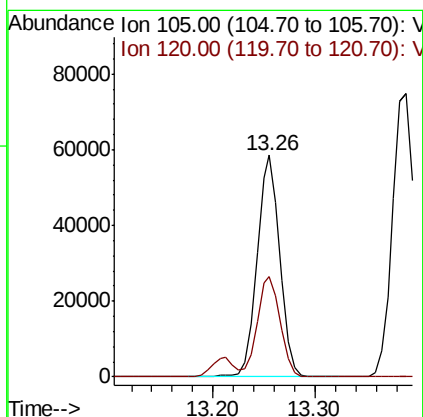
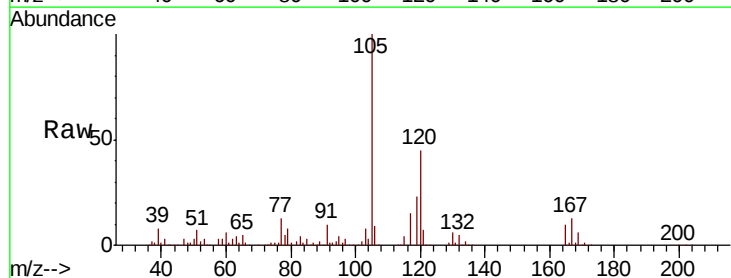
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS01

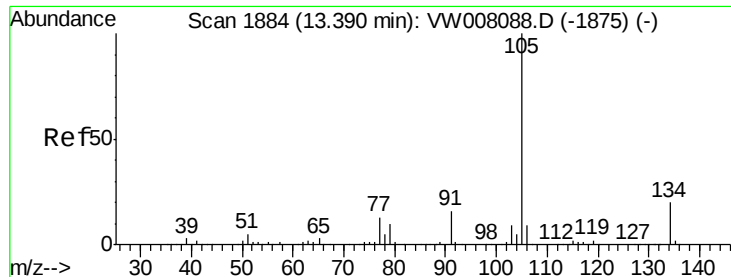
Tgt Ion:119 Resp: 79813
 Ion Ratio Lower Upper
 119 100
 91 65.0 33.9 101.6
 134 27.2 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.313 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion:105 Resp: 91055
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1

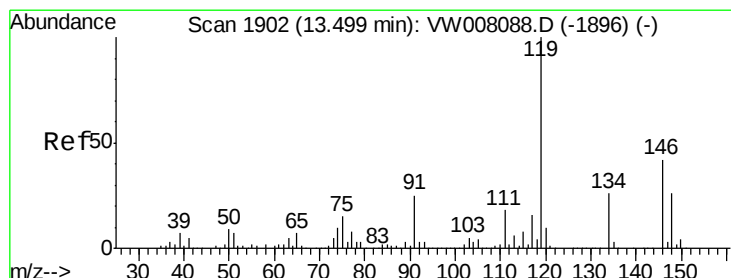
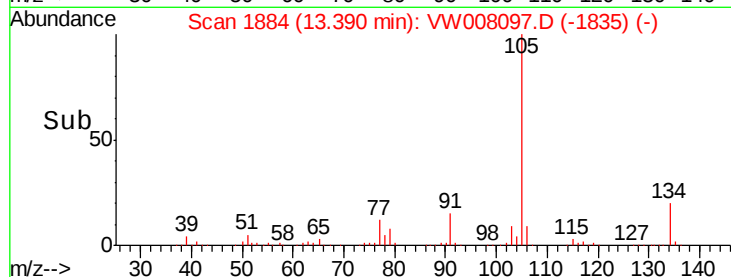
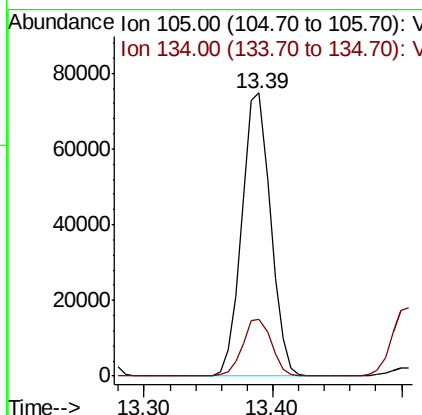
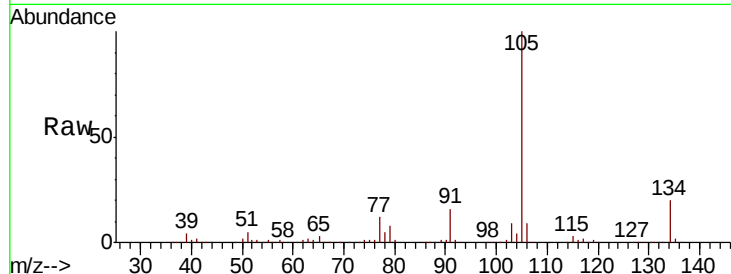




#85
 sec-Butylbenzene
 Concen: 20.430 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

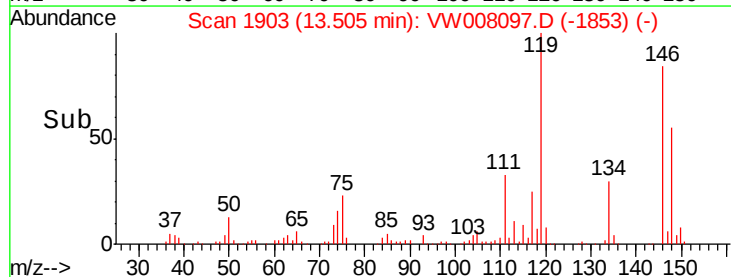
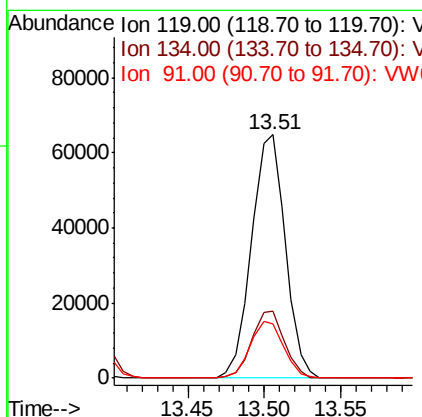
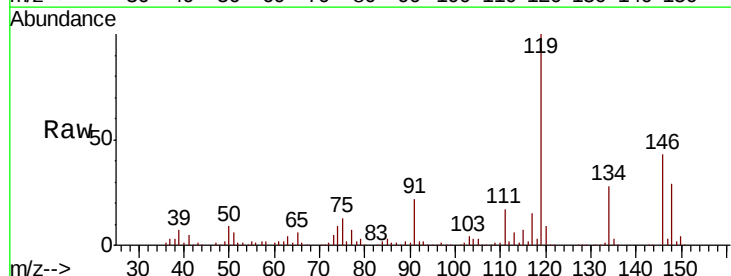
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

Tgt Ion:105 Resp: 115073
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.492 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion:119 Resp: 99670
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.3 12.3 36.9

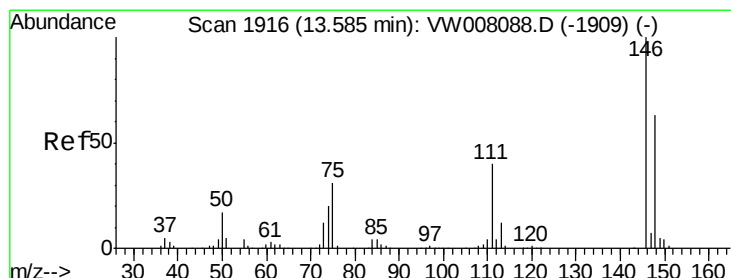
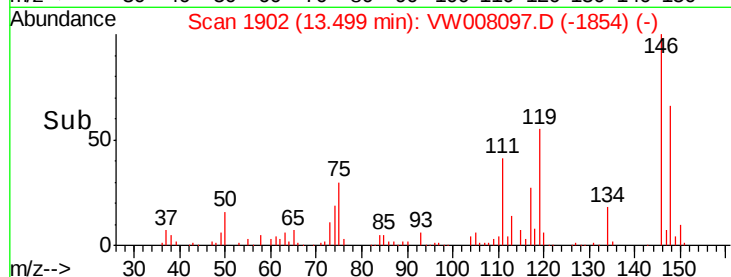
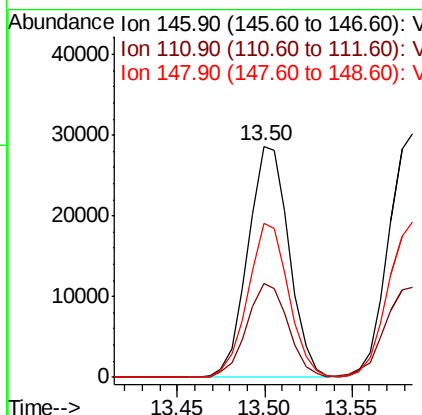
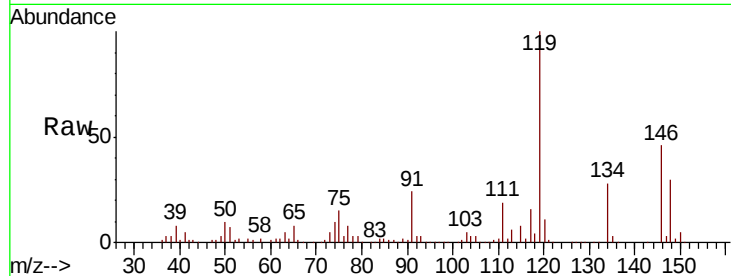




#87
 1,3-Dichlorobenzene
 Concen: 20.740 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

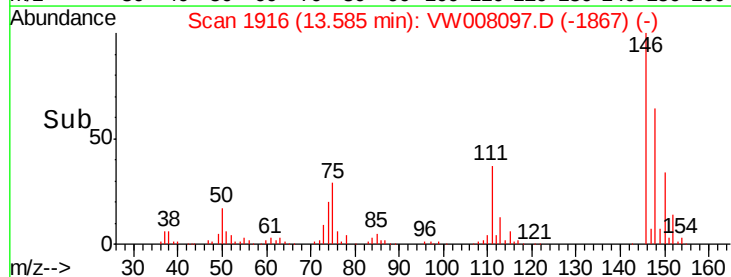
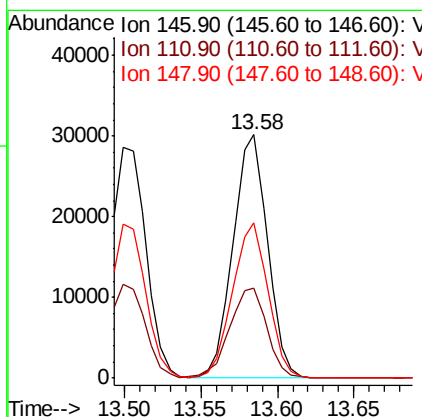
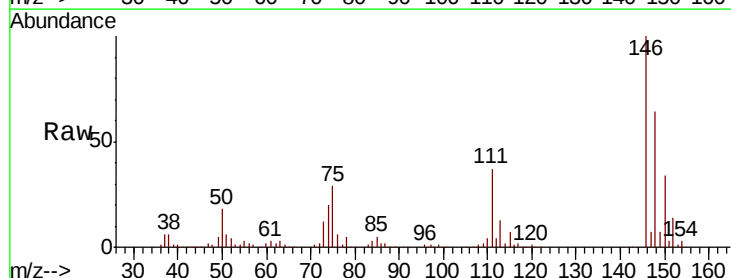
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD01

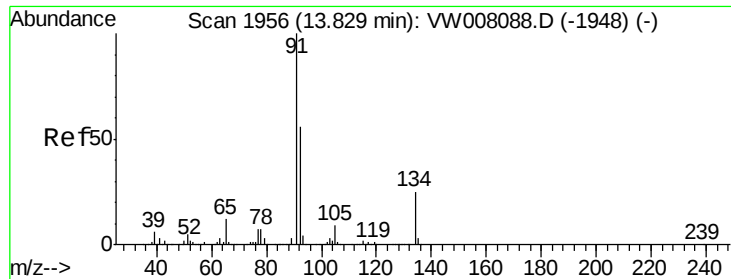
Tgt Ion:146 Resp: 47017
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.1 63.1
 148 66.1 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 20.780 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion:146 Resp: 47264
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.5 61.5
 148 65.3 31.6 94.8





#89

n-Butylbenzene

Concen: 20.627 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD01

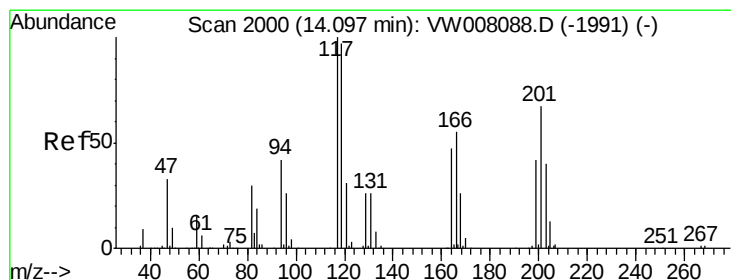
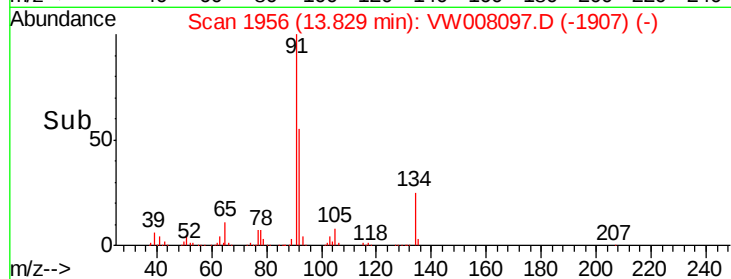
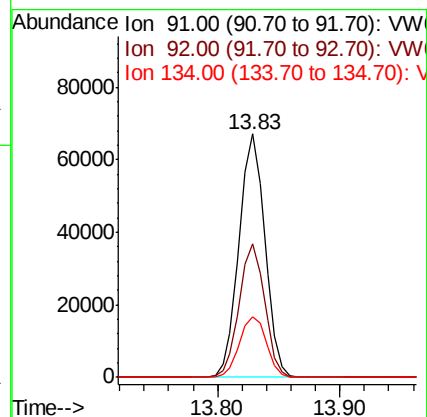
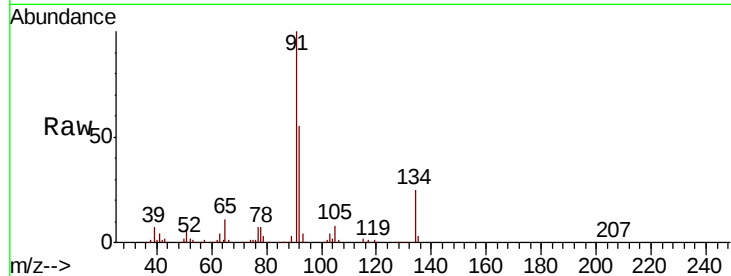
Tgt Ion: 91 Resp: 98263

Ion Ratio Lower Upper

91 100

92 54.1 27.4 82.2

134 25.9 12.6 37.8



#90

Hexachloroethane

Concen: 20.684 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008097.D

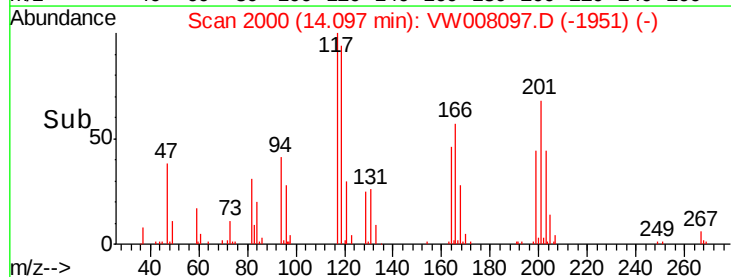
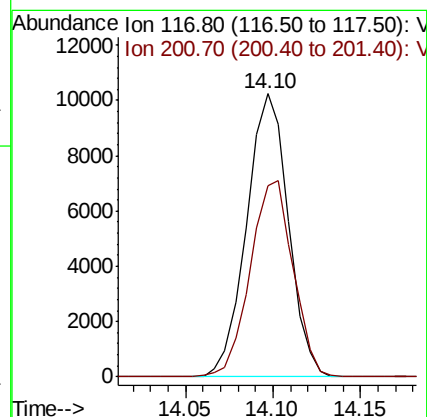
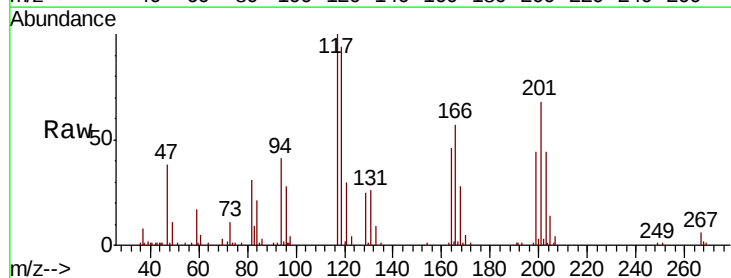
Acq: 09 Jan 2019 12:37

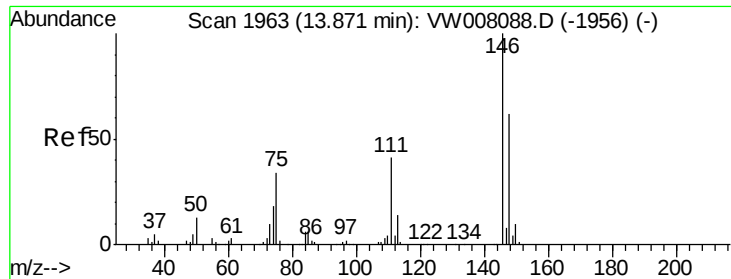
Tgt Ion: 117 Resp: 16993

Ion Ratio Lower Upper

117 100

201 71.3 33.0 98.9





#91

1,2-Dichlorobenzene

Concen: 21.210 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD01

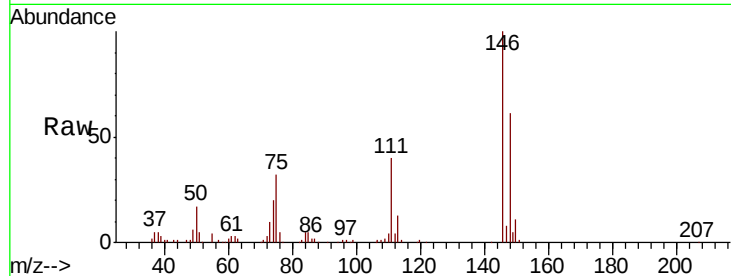
Tgt Ion:146 Resp: 42257

Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

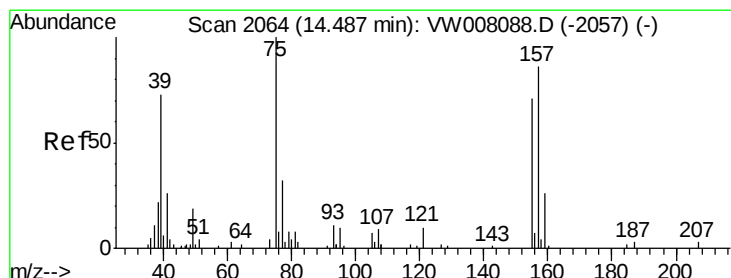
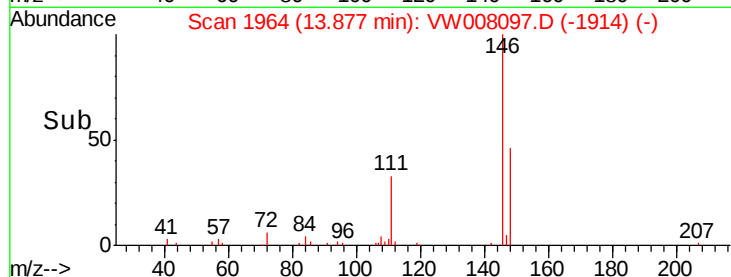
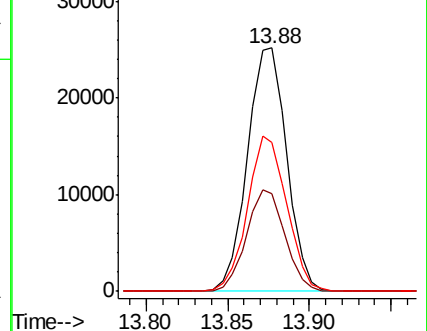
148 63.6 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.913 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW008097.D

Acq: 09 Jan 2019 12:37

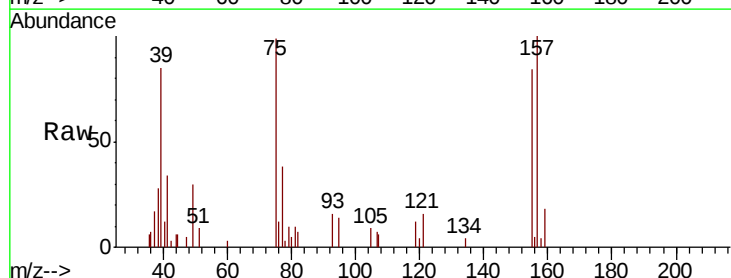
Tgt Ion: 75 Resp: 2713

Ion Ratio Lower Upper

75 100

155 83.2 38.6 115.7

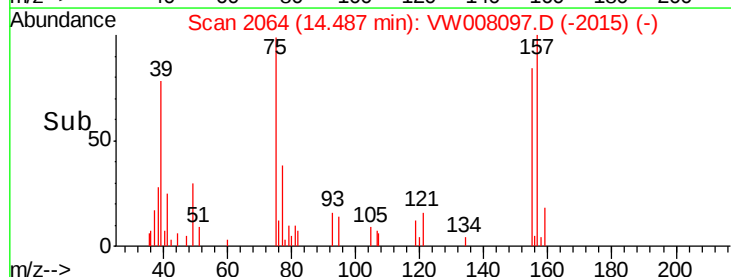
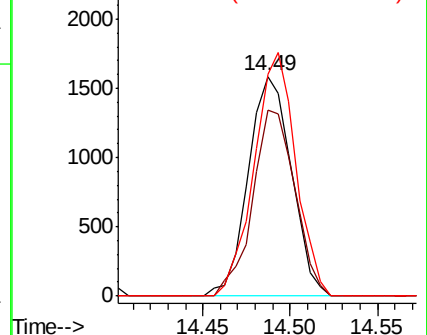
157 107.1 47.5 142.6

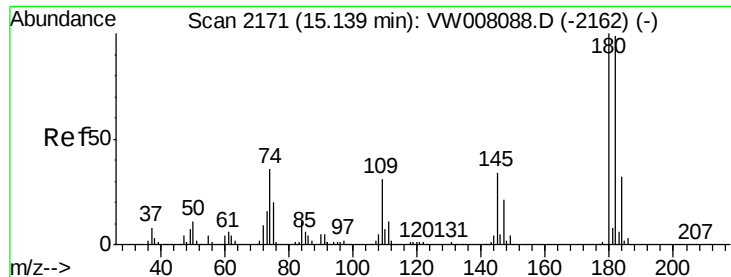


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

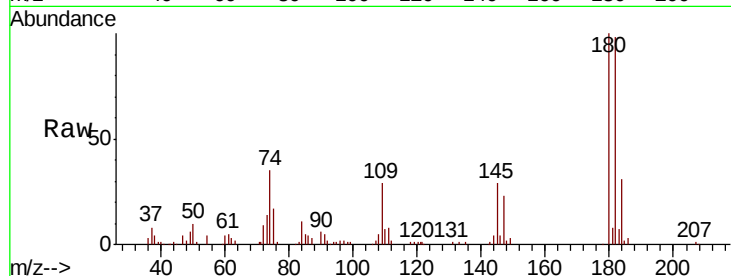




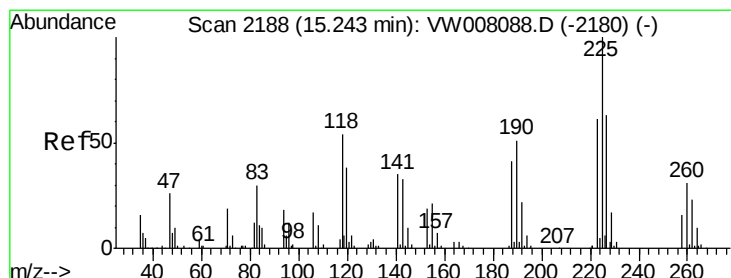
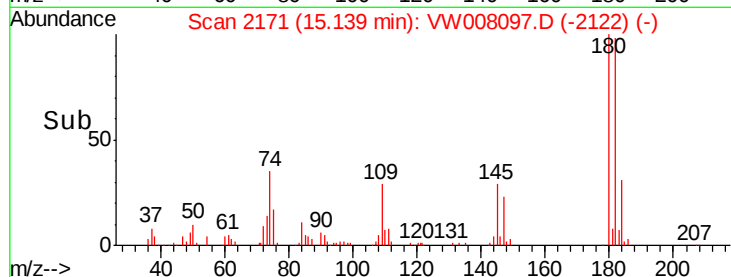
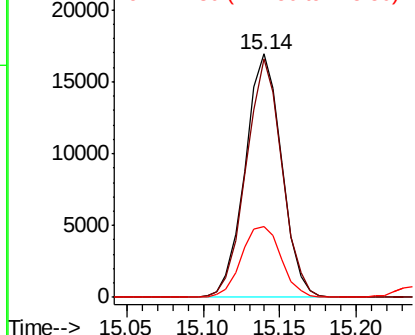
#93
 1,2,4-Trichlorobenzene
 Concen: 21.267 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS01

Tgt Ion:180 Resp: 28131
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.6 145.9
 145 31.5 16.6 49.7

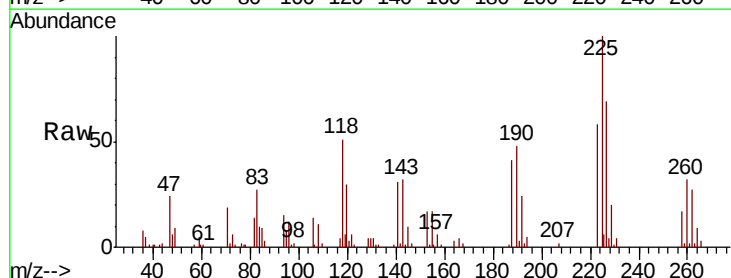


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

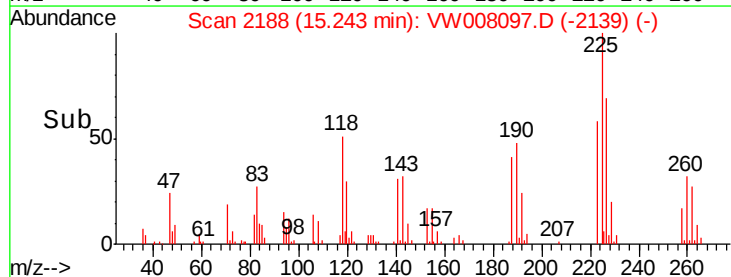
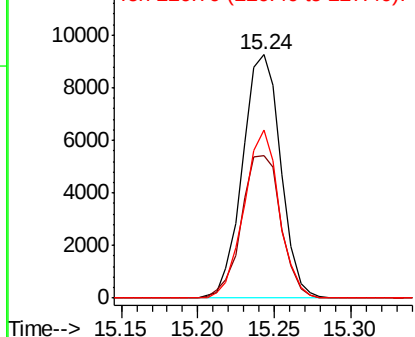


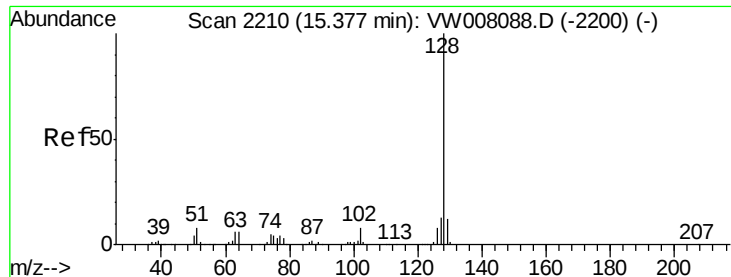
#94
 Hexachlorobutadiene
 Concen: 22.684 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008097.D
 Acq: 09 Jan 2019 12:37

Tgt Ion:225 Resp: 16060
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.4 94.3
 227 63.4 32.0 96.2



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

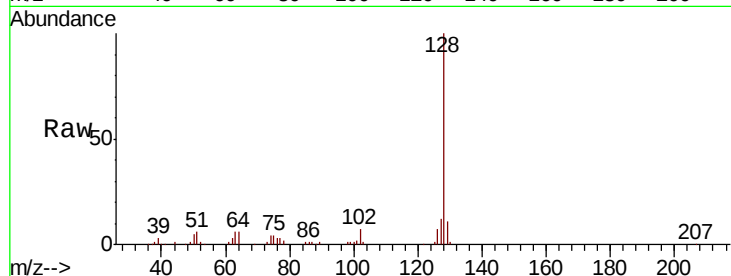




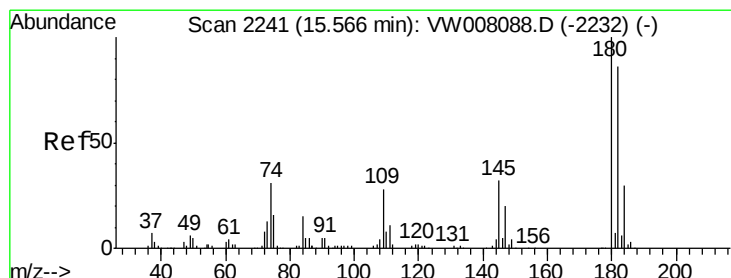
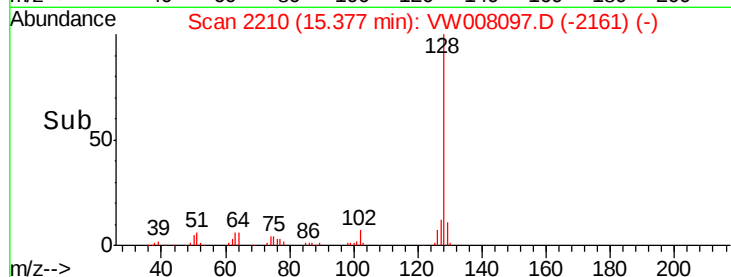
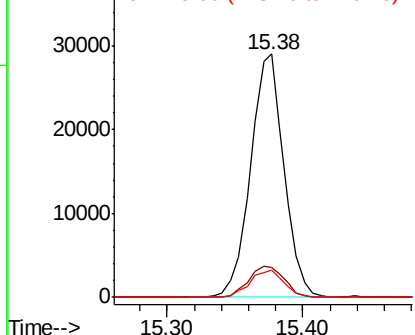
#95
Naphthalene
Concen: 20.152 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD01

Tgt Ion:128 Resp: 49773
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.6 9.0 13.6

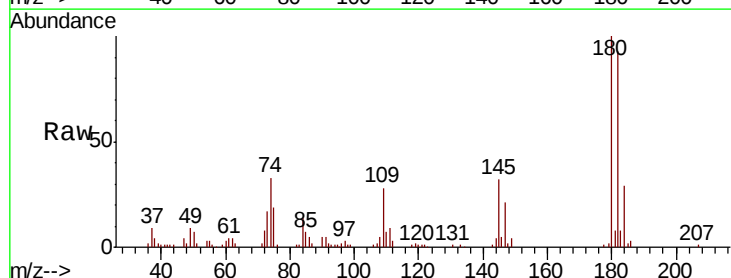


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.651 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008097.D
Acq: 09 Jan 2019 12:37

Tgt Ion:180 Resp: 24414
Ion Ratio Lower Upper
180 100
182 94.6 46.5 139.3
145 32.3 17.4 52.2



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

