

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
 Data File : VW012561.D
 Acq On : 03 Sep 2019 22:48
 Operator : SY/VA
 Sample : VW0903SBS03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

Quant Time: Sep 04 06:50:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	334080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	147507	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149260	60.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.34%	
35) Dibromofluoromethane	7.88	113	115677	58.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.02%	
50) Toluene-d8	10.32	98	446600	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.62	95	165805	58.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	21246	16.672 ug/l	94
3) Chloromethane	2.21	50	36557	18.516 ug/l	96
4) Vinyl Chloride	2.36	62	39097	16.180 ug/l	99
5) Bromomethane	2.77	94	22366	18.276 ug/l	99
6) Chloroethane	2.90	64	23667	17.362 ug/l	95
7) Trichlorofluoromethane	3.25	101	22156	18.260 ug/l	96
8) Diethyl Ether	3.68	74	26818	23.285 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	44582	21.616 ug/l	99
10) Methyl Iodide	4.26	142	58609	21.002 ug/l	98
11) Tert butyl alcohol	5.20	59	19587	132.295 ug/l	97
12) 1,1-Dichloroethene	4.03	96	42072	20.267 ug/l	96
13) Acrolein	3.89	56	10420	74.766 ug/l	95
14) Allyl chloride	4.66	41	93754	21.125 ug/l	100
15) Acrylonitrile	5.36	53	70937	124.263 ug/l	98
16) Acetone	4.13	43	63641	101.196 ug/l	97
17) Carbon Disulfide	4.37	76	97630	15.562 ug/l	99
18) Methyl Acetate	4.67	43	44504	28.571 ug/l	99
19) Methyl tert-butyl Ether	5.42	73	87170	25.966 ug/l	97
20) Methylene Chloride	4.91	84	53323	22.429 ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	47278	21.238 ug/l	97
22) Diisopropyl ether	6.31	45	201019	24.437 ug/l	97
23) Vinyl Acetate	6.25	43	592160	116.969 ug/l	100
24) 1,1-Dichloroethane	6.21	63	104348	23.297 ug/l	100
25) 2-Butanone	7.17	43	98958	115.796 ug/l	96
26) 2,2-Dichloropropane	7.17	77	55555	21.914 ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	55444	23.312 ug/l	98
28) Bromochloromethane	7.51	49	47121	24.138 ug/l	97
29) Tetrahydrofuran	7.53	42	64955	126.688 ug/l	99
30) Chloroform	7.67	83	100984	24.643 ug/l	98
31) Cyclohexane	7.95	56	82207	18.551 ug/l	# 96
32) 1,1,1-Trichloroethane	7.87	97	74865	23.094 ug/l	100
36) 1,1-Dichloropropene	8.08	75	72938	21.127 ug/l	99
37) Ethyl Acetate	7.26	43	45317	23.954 ug/l	99
38) Carbon Tetrachloride	8.07	117	67055	22.441 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	73596	18.976	ug/l	98
40) Benzene	8.32	78	211756	22.463	ug/l	98
41) Methacrylonitrile	7.48	41	30664	27.578	ug/l	92
42) 1,2-Dichloroethane	8.40	62	75041	25.399	ug/l	99
43) Isopropyl Acetate	8.42	43	87409	24.944	ug/l	99
44) Trichloroethene	9.09	130	51156	22.323	ug/l	94
45) 1,2-Dichloropropane	9.37	63	59230	23.346	ug/l	97
46) Dibromomethane	9.46	93	28026	24.828	ug/l	98
47) Bromodichloromethane	9.64	83	72604	24.167	ug/l	100
48) Methyl methacrylate	9.43	41	41592	24.938	ug/l	95
49) 1,4-Dioxane	9.46	88	8718	504.493	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	228626	128.271	ug/l	100
52) Toluene	10.38	92	130120	22.977	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	73446	24.001	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	85205	23.060	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40530	25.377	ug/l	96
56) Ethyl methacrylate	10.65	69	58030	24.965	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76320	25.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	138338	115.962	ug/l	99
59) 2-Hexanone	10.97	43	154135	122.219	ug/l	98
60) Dibromochloromethane	11.12	129	44456	24.991	ug/l	100
61) 1,2-Dibromoethane	11.23	107	36671	24.646	ug/l	100
64) Tetrachloroethene	10.86	164	43787	22.517	ug/l	99
65) Chlorobenzene	11.66	112	134227	22.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49707	24.125	ug/l	99
67) Ethyl Benzene	11.73	91	251664	22.120	ug/l	98
68) m/p-Xylenes	11.84	106	183252	44.715	ug/l	99
69) o-Xylene	12.16	106	86566	22.823	ug/l	99
70) Styrene	12.18	104	153780	23.423	ug/l	100
71) Bromoform	12.35	173	25303	24.648	ug/l #	98
73) Isopropylbenzene	12.46	105	243131	21.997	ug/l	100
74) N-amyl acetate	12.27	43	77787	23.294	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	48193	23.783	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	64433	44.851	ug/l #	100
77) Bromobenzene	12.74	156	55939	23.394	ug/l	98
78) n-propylbenzene	12.80	91	292859	21.704	ug/l	99
79) 2-Chlorotoluene	12.89	91	172136	22.470	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	208946	22.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13745	20.977	ug/l	97
82) 4-Chlorotoluene	12.99	91	181557	22.634	ug/l	100
83) tert-Butylbenzene	13.21	119	178566	22.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	210400	22.678	ug/l	98
85) sec-Butylbenzene	13.38	105	246826	22.021	ug/l	100
86) p-Isopropyltoluene	13.50	119	225135	22.491	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	108769	23.256	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106774	22.992	ug/l	98
89) n-Butylbenzene	13.82	91	212822	21.380	ug/l	99
90) Hexachloroethane	14.09	117	38810	22.099	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	97305	23.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8300	24.297	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66485	23.448	ug/l	100
94) Hexachlorobutadiene	15.24	225	44443	23.738	ug/l	96
95) Naphthalene	15.36	128	119813	23.994	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	59510	24.056	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

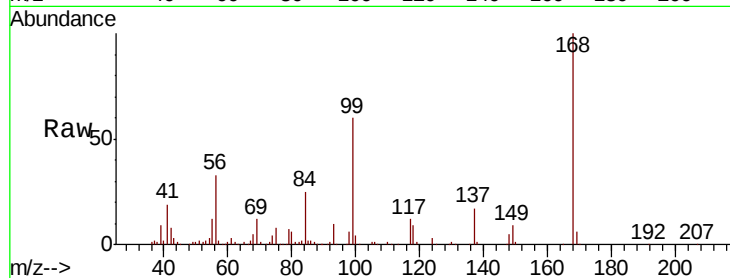
VW0903SBS03

Tgt Ion:168 Resp: 206959

Ion Ratio Lower Upper

168 100

99 59.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

20000

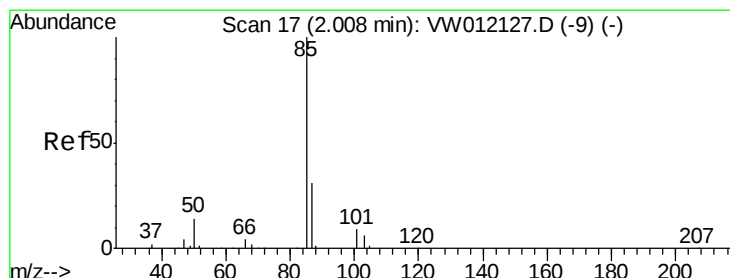
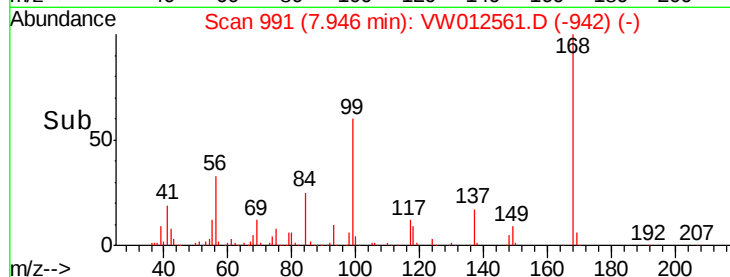
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.672 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012561.D

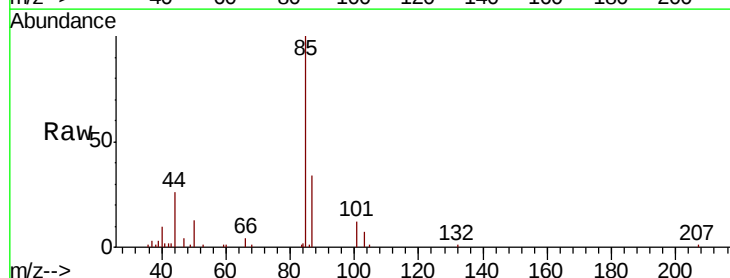
Acq: 03 Sep 2019 22:48

Tgt Ion: 85 Resp: 21246

Ion Ratio Lower Upper

85 100

87 34.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

1.90

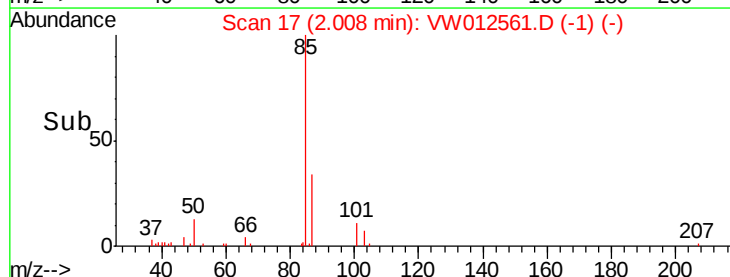
1.95

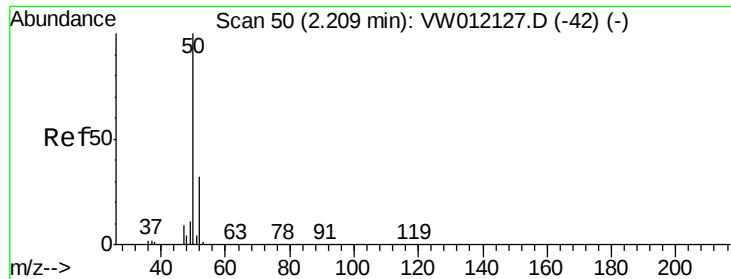
2.00

2.05

2.10

Time-->

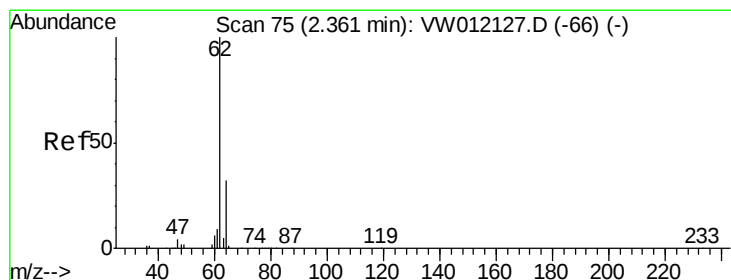
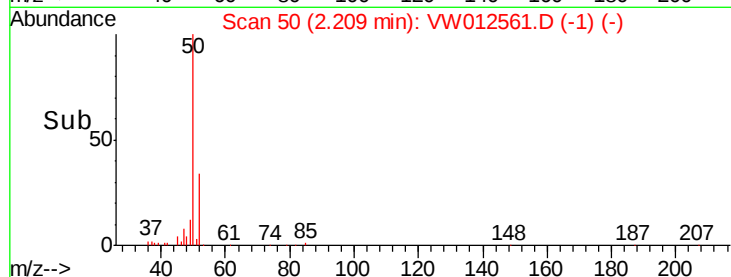
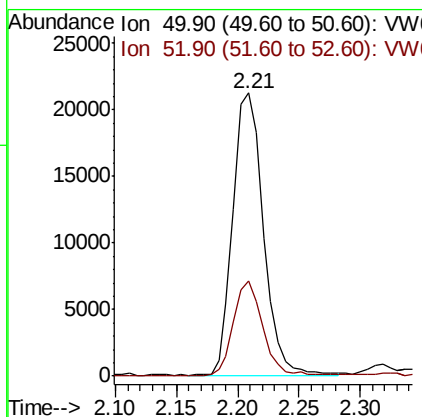
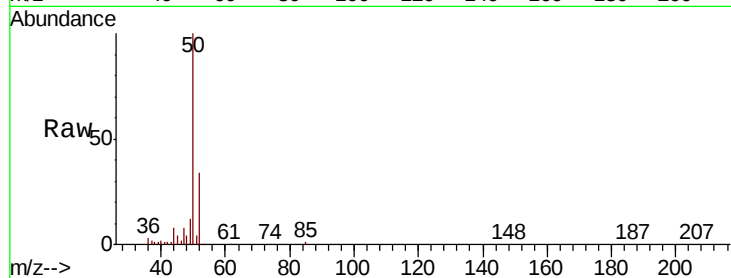




#3
Chloromethane
Concen: 18.516 ug/l
RT: 2.21 min Scan# 50
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

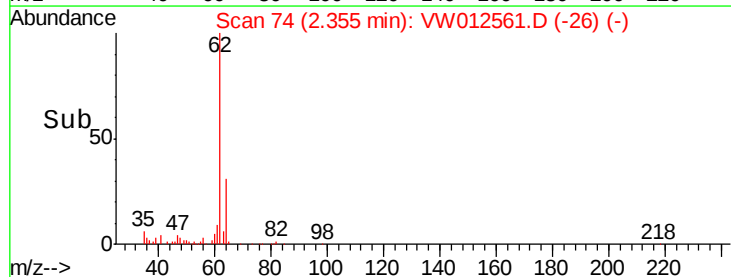
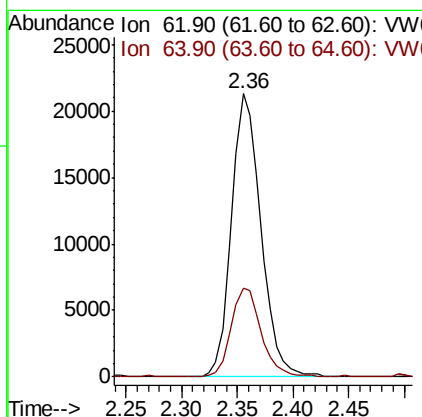
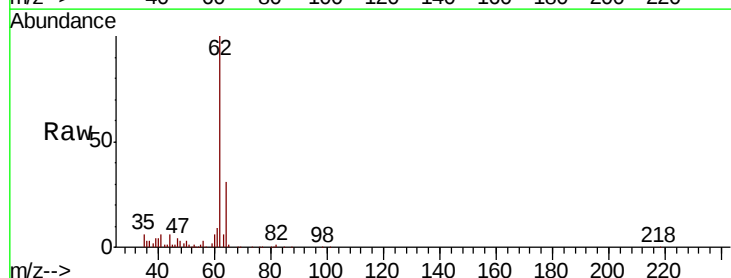
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

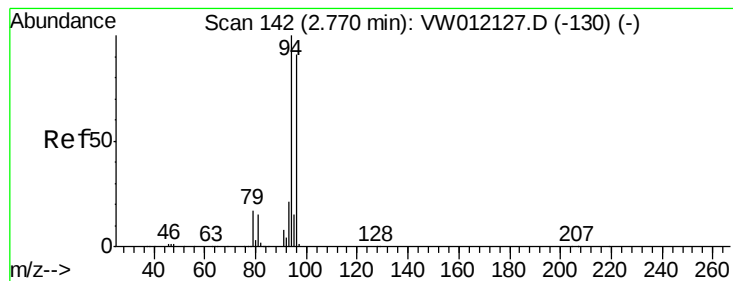
Tgt Ion: 50 Resp: 36557
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3



#4
Vinyl Chloride
Concen: 16.180 ug/l
RT: 2.36 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion: 62 Resp: 39097
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9





#5

Bromomethane

Concen: 18.276 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

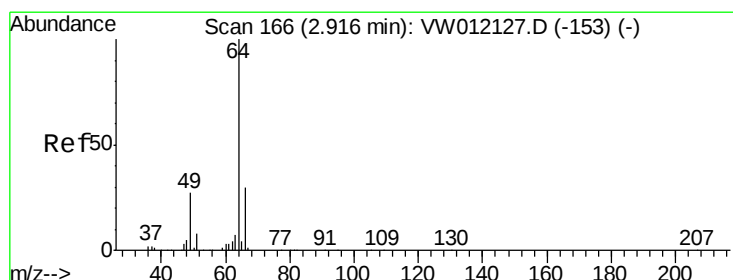
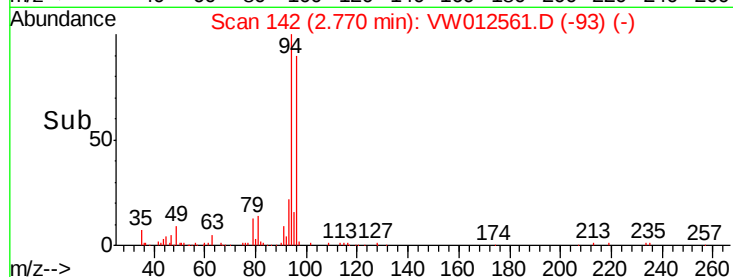
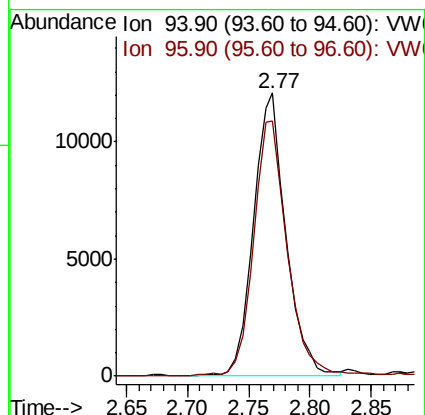
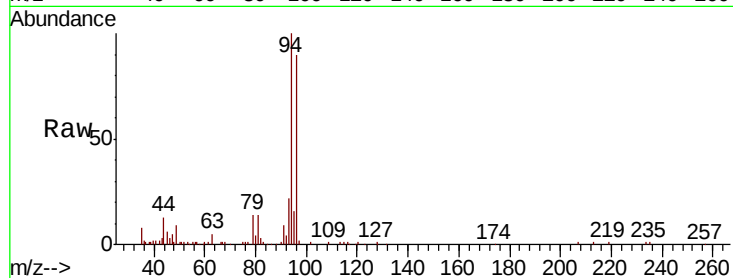
VW0903SBS03

Tgt Ion: 94 Resp: 22366

Ion Ratio Lower Upper

94 100

96 90.1 72.9 109.3



#6

Chloroethane

Concen: 17.362 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012561.D

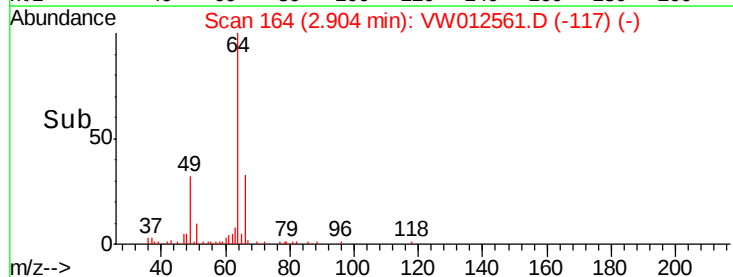
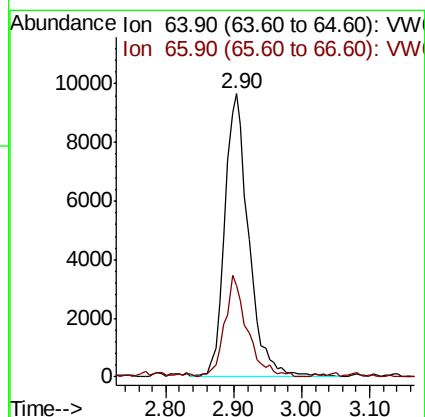
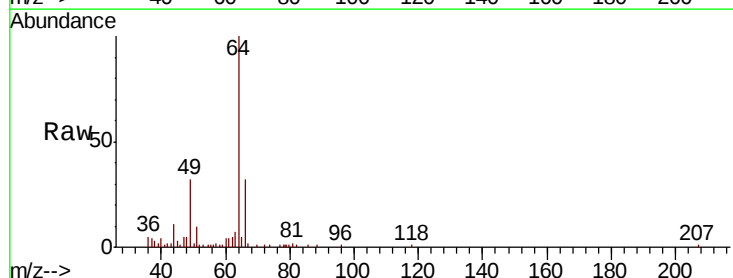
Acq: 03 Sep 2019 22:48

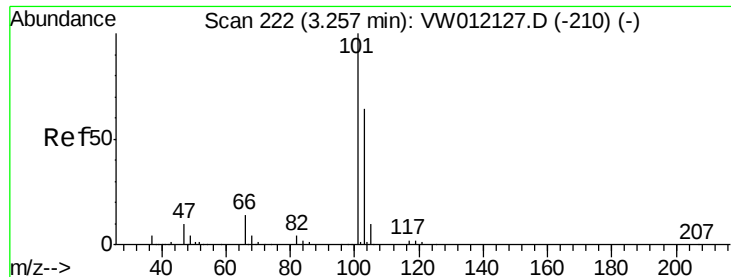
Tgt Ion: 64 Resp: 23667

Ion Ratio Lower Upper

64 100

66 32.4 23.8 35.8



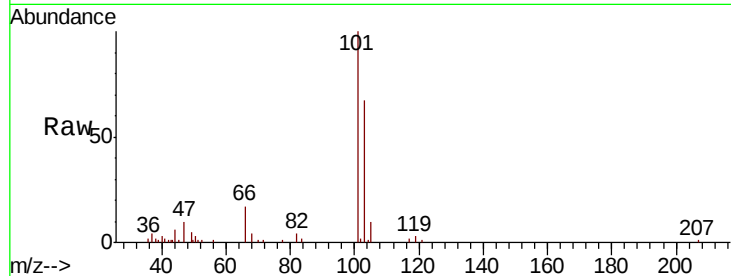


#7

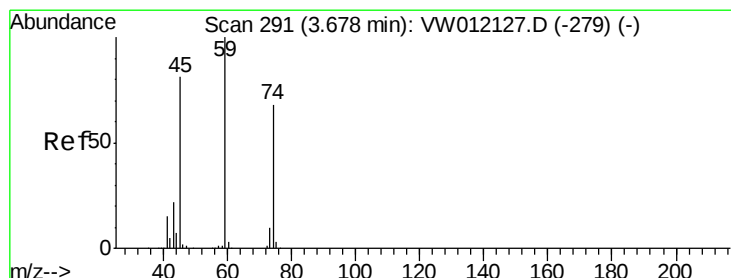
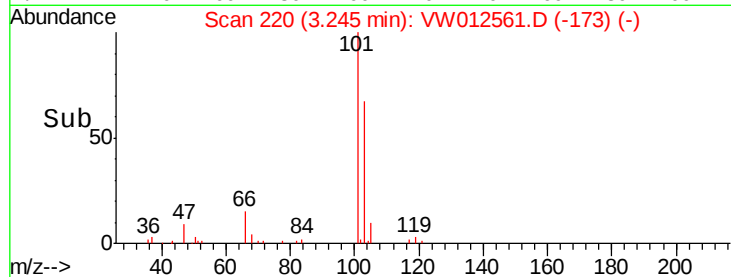
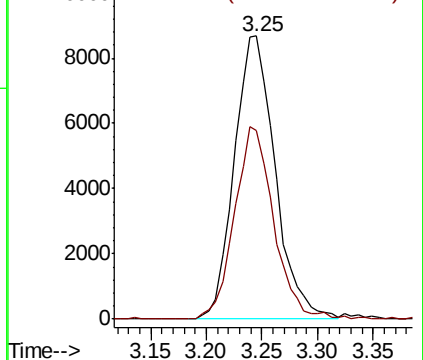
Trichlorofluoromethane
 Concen: 18.260 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
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Tgt Ion: 101 Resp: 22156
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.2 76.8



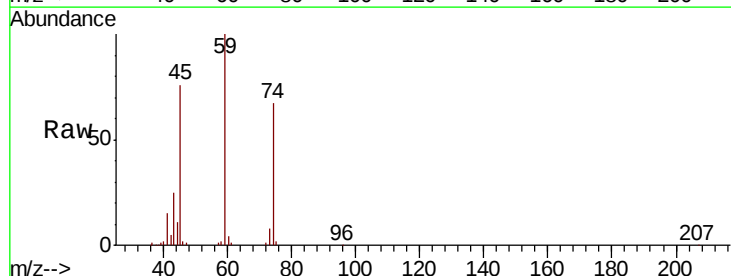
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



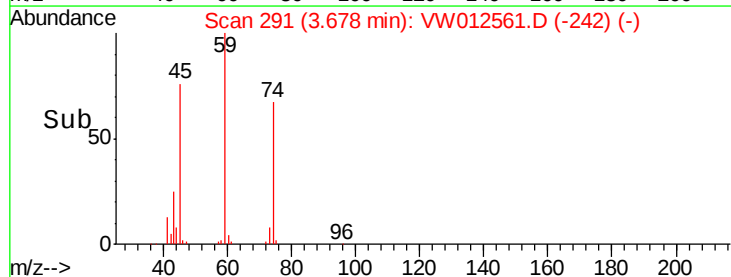
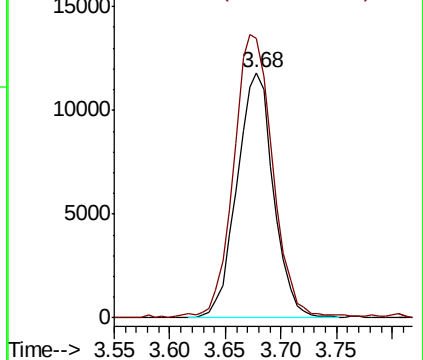
#8

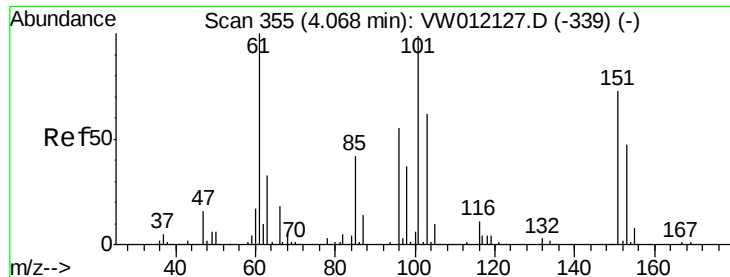
Diethyl Ether
 Concen: 23.285 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion: 74 Resp: 26818
 Ion Ratio Lower Upper
 74 100
 45 124.8 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.616 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

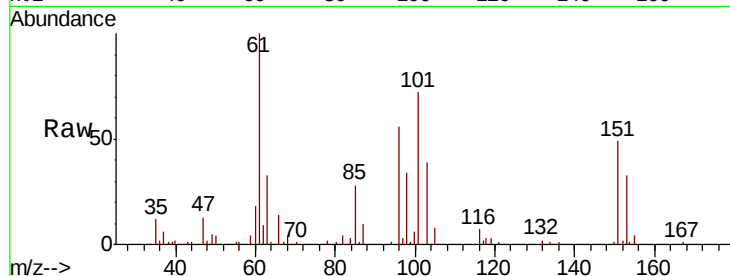
Tgt Ion:101 Resp: 44582

Ion Ratio Lower Upper

101 100

85 44.9 35.8 53.6

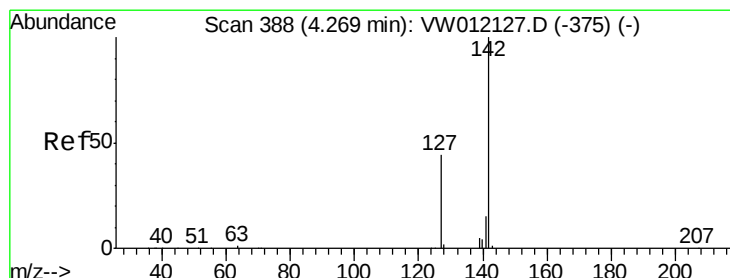
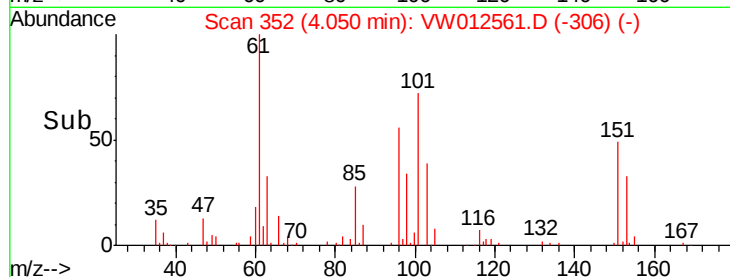
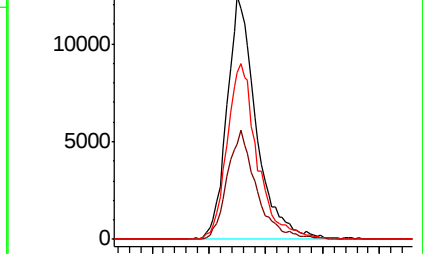
151 74.6 58.6 87.8



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: 21.002 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW012561.D

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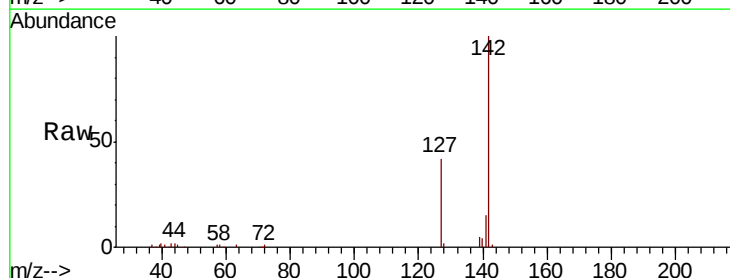
Tgt Ion:142 Resp: 58609

Ion Ratio Lower Upper

142 100

127 45.8 35.5 53.3

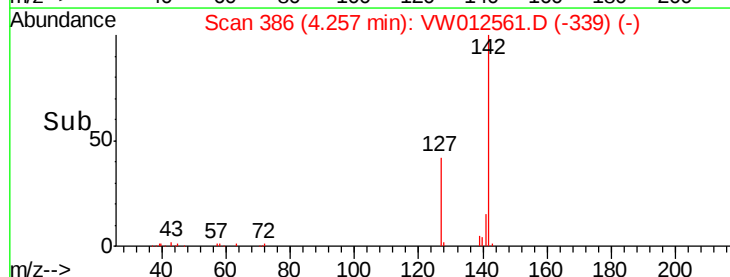
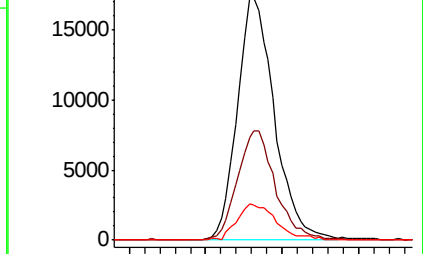
141 15.8 11.8 17.8

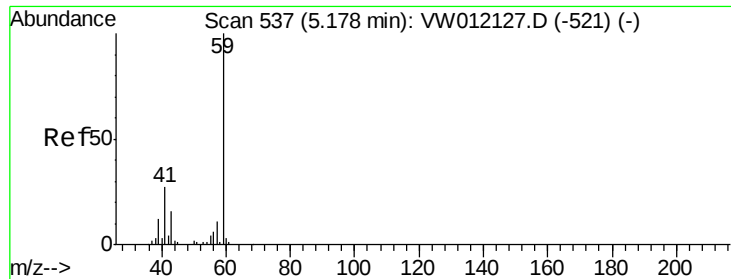


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

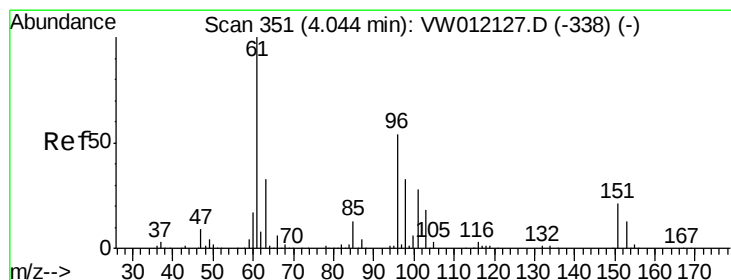
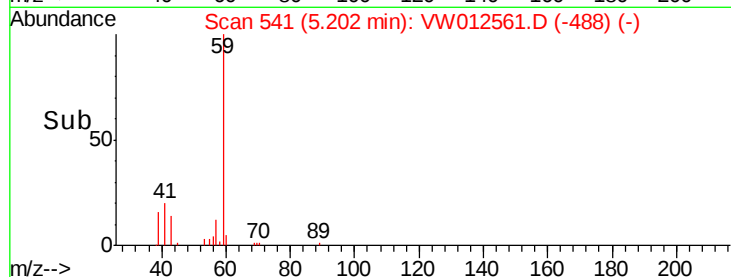
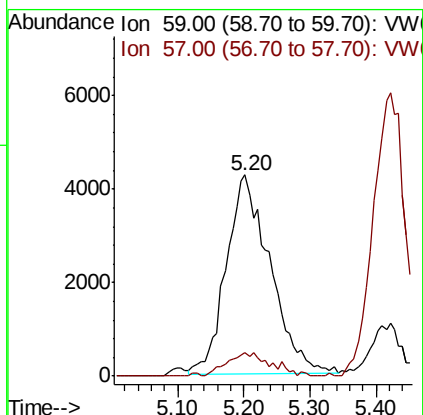
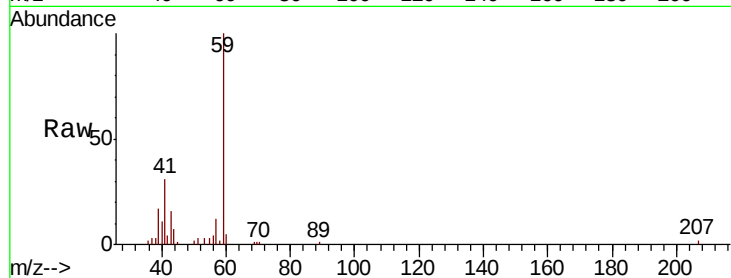




#11
Tert butyl alcohol
Concen: 132.295 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

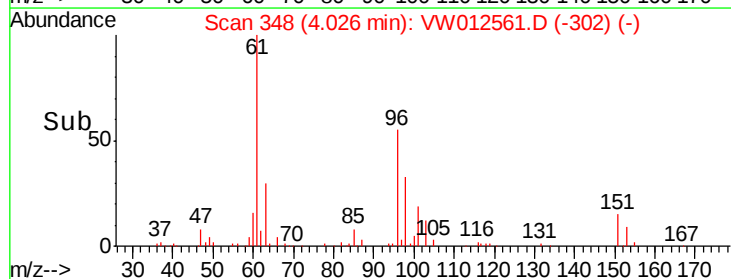
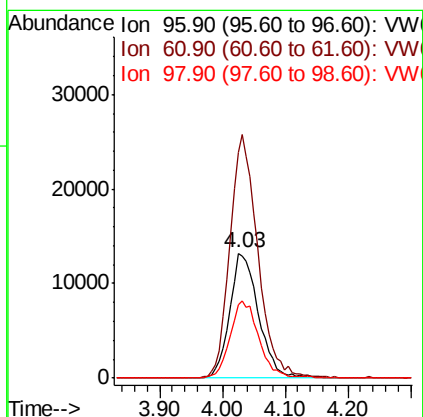
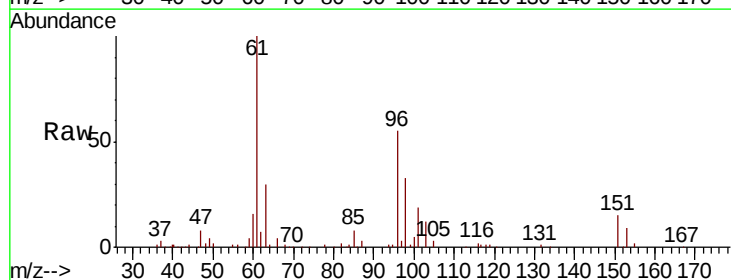
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

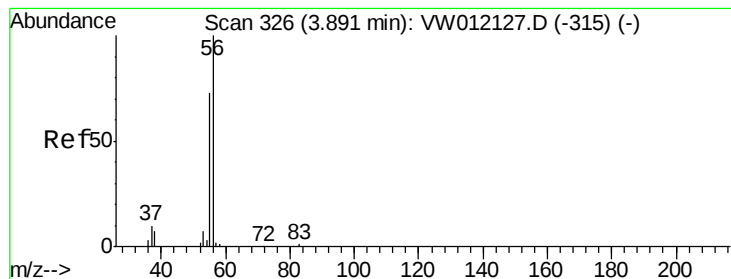
Tgt Ion: 59 Resp: 19587
Ion Ratio Lower Upper
59 100
57 10.2 9.0 13.4



#12
1,1-Dichloroethene
Concen: 20.267 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.02 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion: 96 Resp: 42072
Ion Ratio Lower Upper
96 100
61 180.4 149.1 223.7
98 58.7 49.4 74.2





#13

Acrolein

Concen: 74.766 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

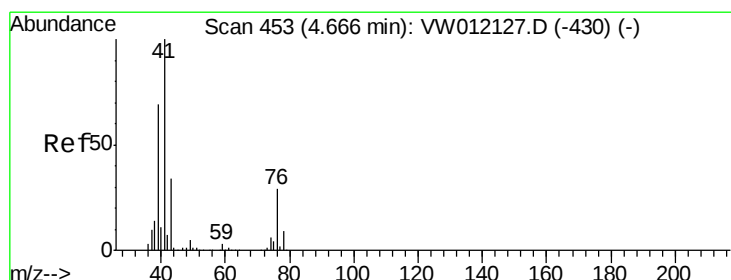
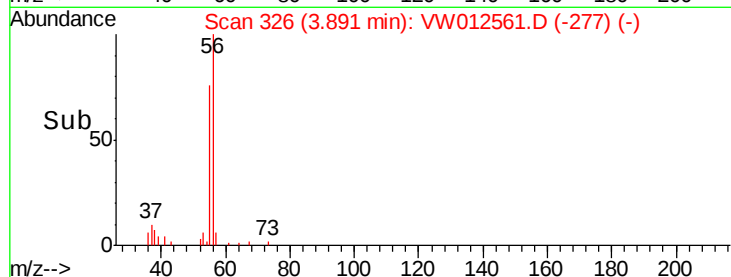
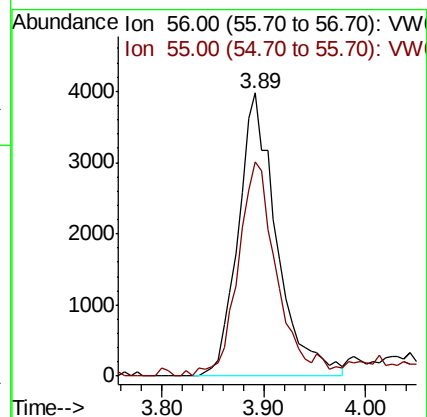
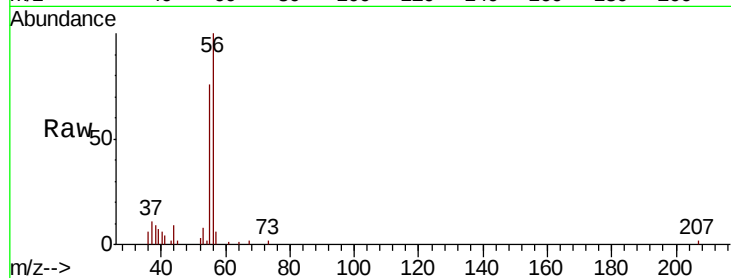
VW0903SBS03

Tgt Ion: 56 Resp: 10420

Ion Ratio Lower Upper

56 100

55 73.6 55.8 83.8



#14

Allyl chloride

Concen: 21.125 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

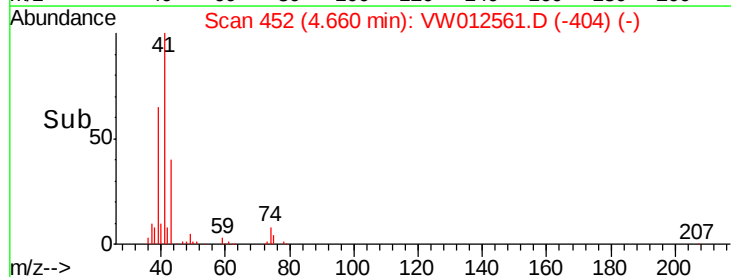
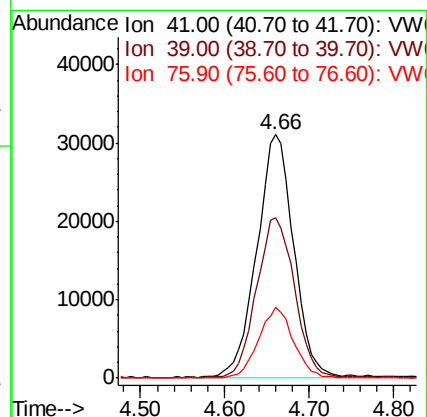
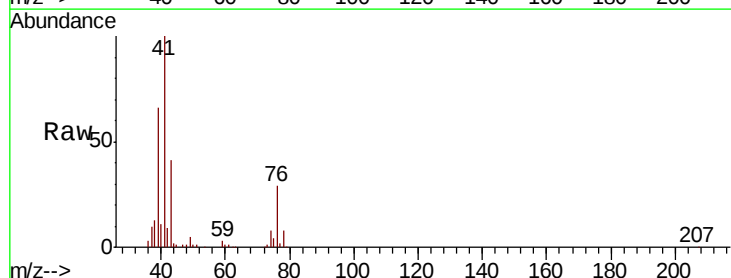
Tgt Ion: 41 Resp: 93754

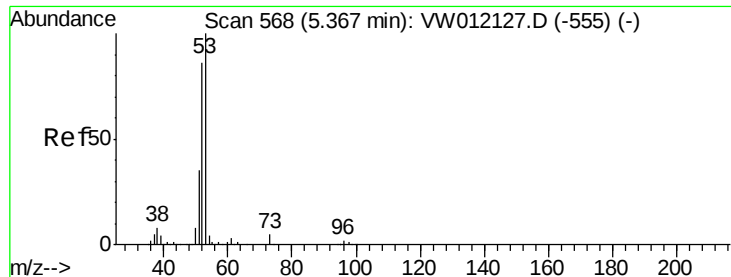
Ion Ratio Lower Upper

41 100

39 67.0 53.4 80.2

76 27.3 22.1 33.1





#15

Acrylonitrile

Concen: 124.263 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampled :

VW0903SBS03

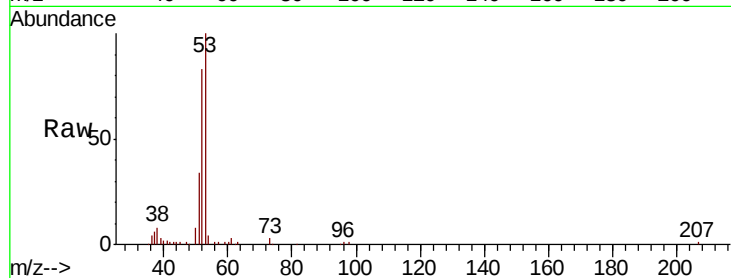
Tgt Ion: 53 Resp: 70937

Ion Ratio Lower Upper

53 100

52 86.2 66.7 100.1

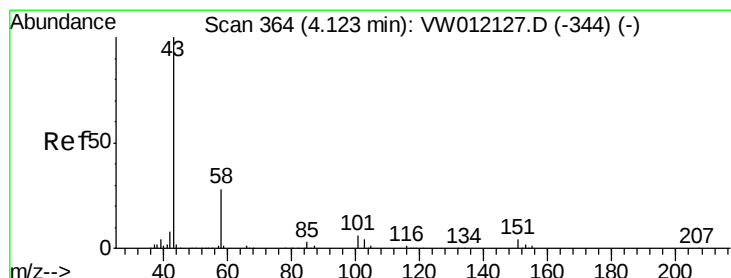
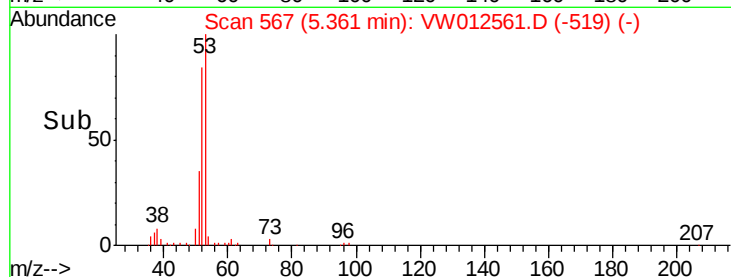
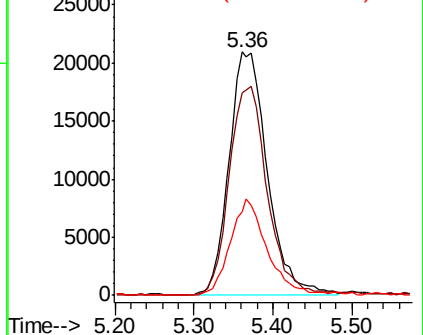
51 37.7 30.1 45.1



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: 101.196 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012561.D

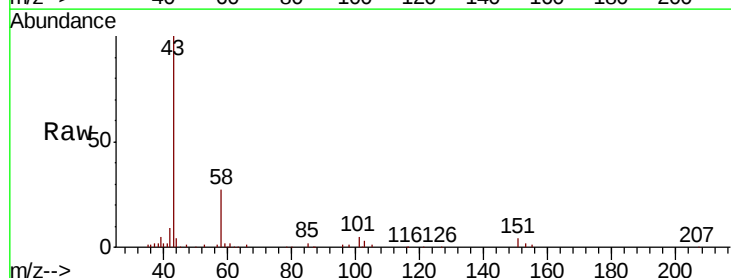
Acq: 03 Sep 2019 22:48

Tgt Ion: 43 Resp: 63641

Ion Ratio Lower Upper

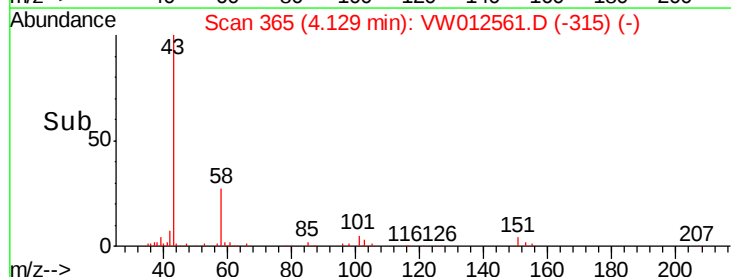
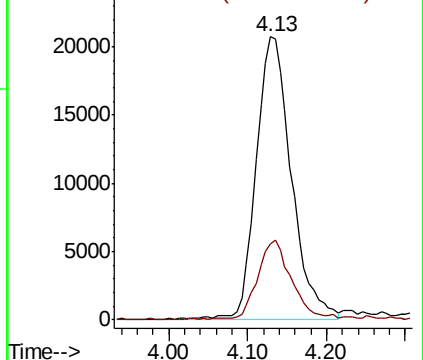
43 100

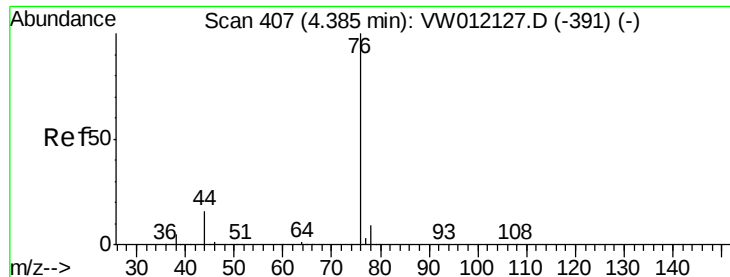
58 26.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

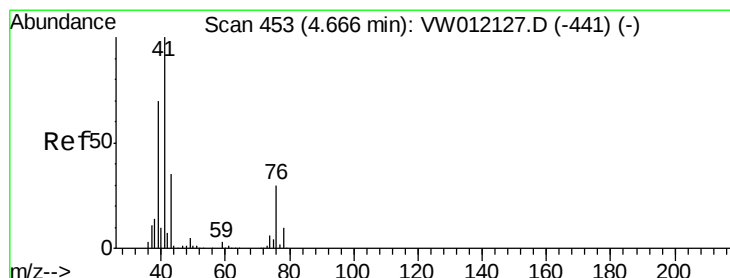
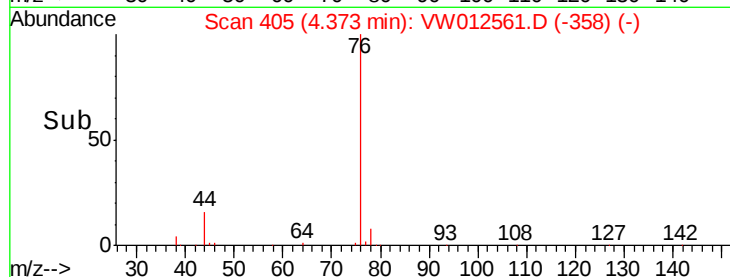
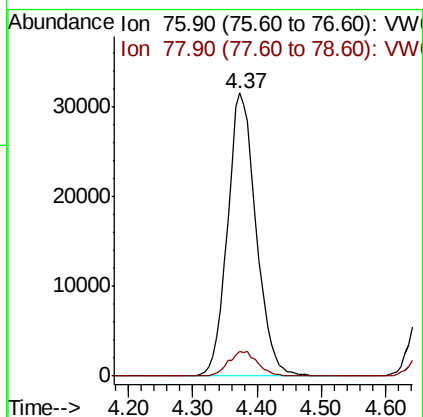
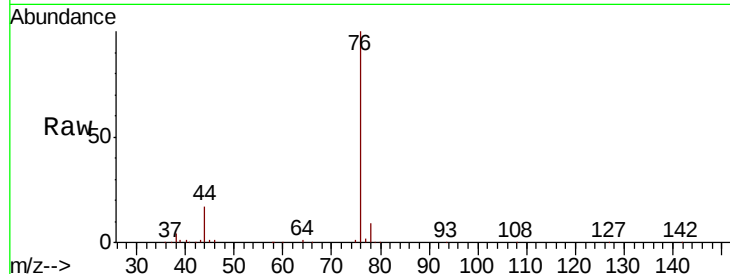




#17
Carbon Disulfide
Concen: 15.562 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

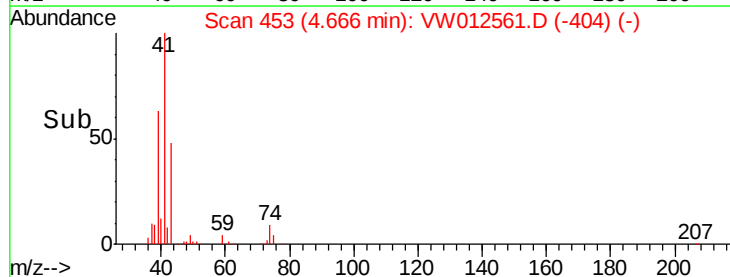
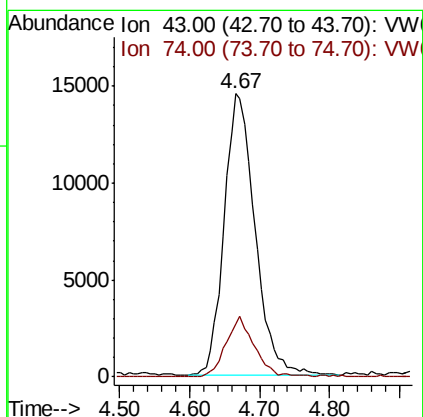
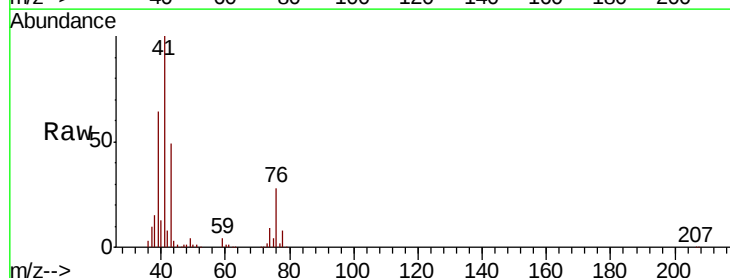
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

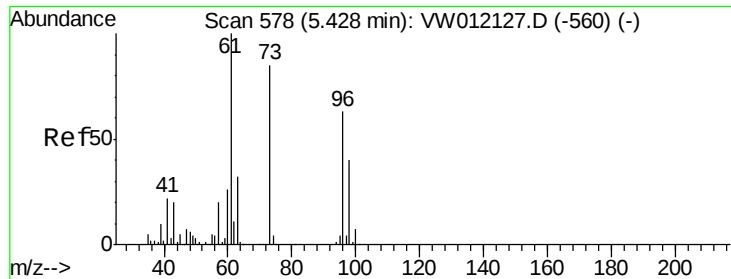
Tgt Ion: 76 Resp: 97630
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 28.571 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion: 43 Resp: 44504
Ion Ratio Lower Upper
43 100
74 19.9 15.7 23.5

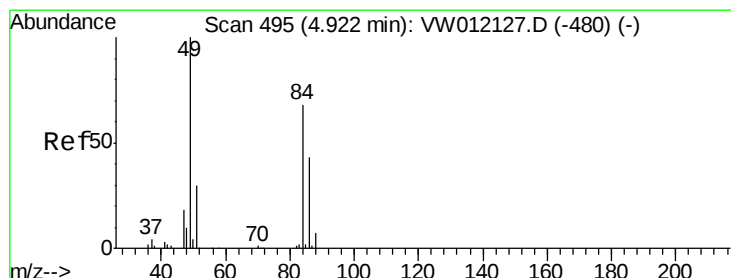
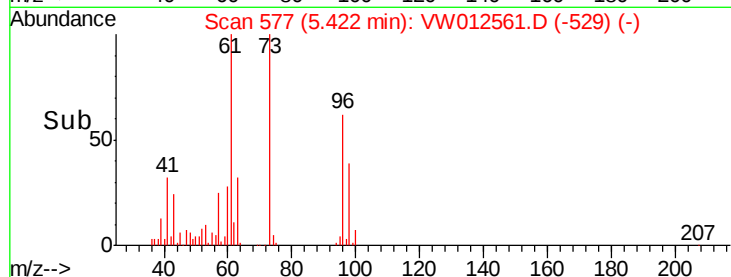
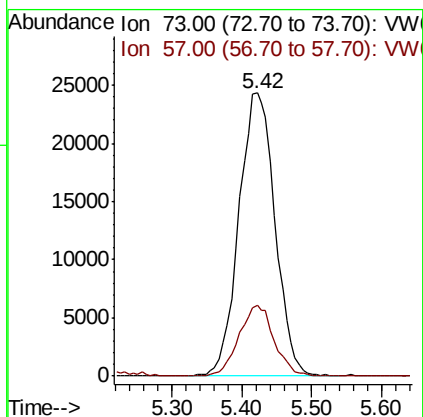
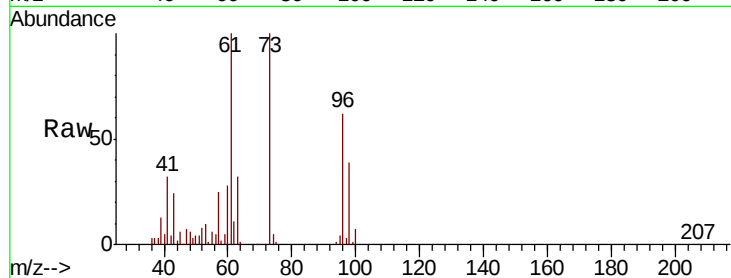




#19
Methyl tert-butyl Ether
Concen: 25.966 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

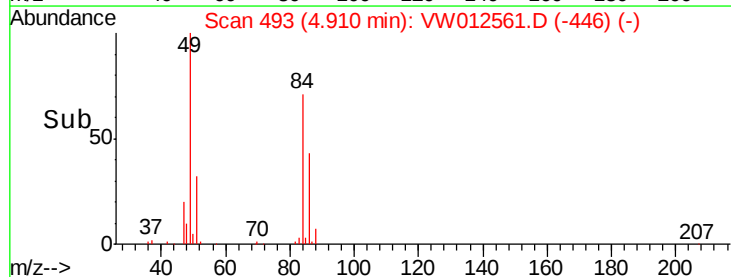
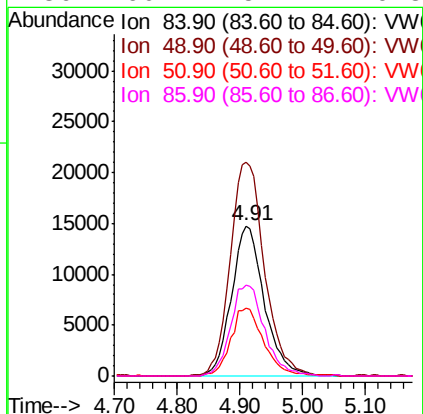
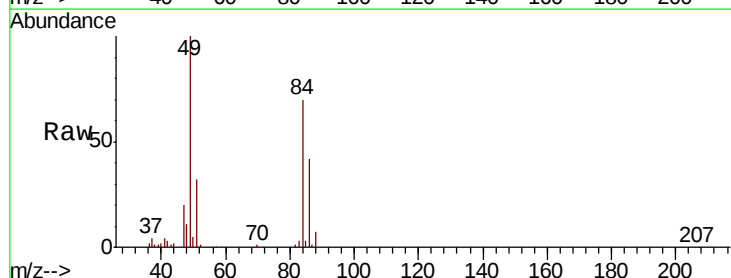
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

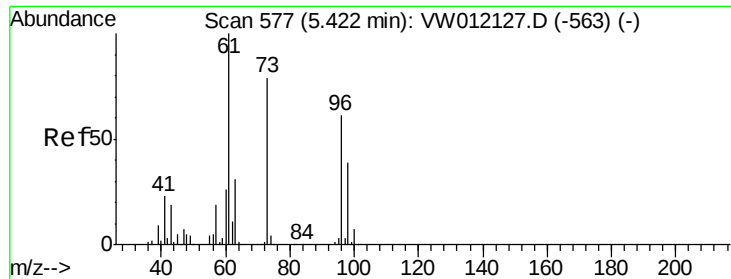
Tgt Ion: 73 Resp: 87170
Ion Ratio Lower Upper
73 100
57 24.9 18.9 28.3



#20
Methylene Chloride
Concen: 22.429 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion: 84 Resp: 53323
Ion Ratio Lower Upper
84 100
49 142.2 117.8 176.8
51 45.0 35.6 53.4
86 60.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.238 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

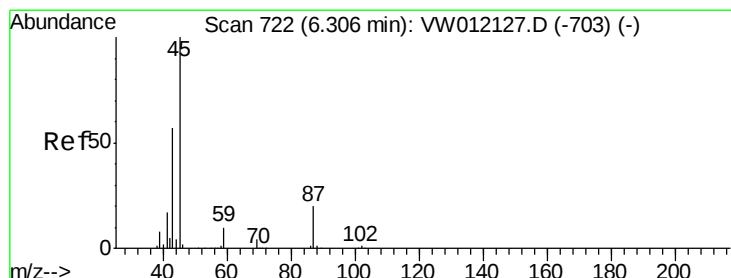
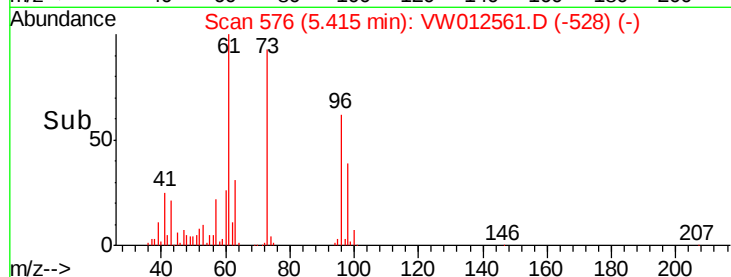
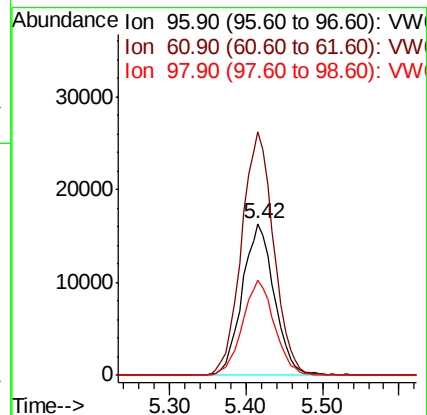
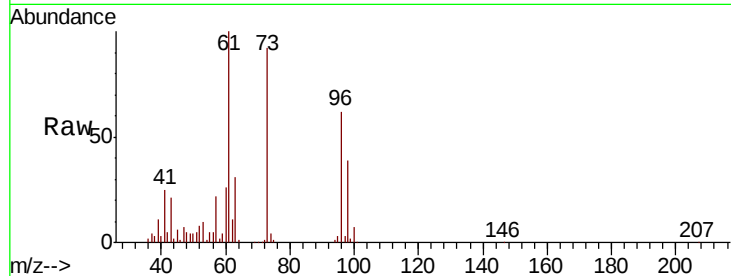
Tgt Ion: 96 Resp: 47278

Ion Ratio Lower Upper

96 100

61 160.5 131.4 197.0

98 62.4 51.4 77.0



#22

Diisopropyl ether

Concen: 24.437 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Tgt Ion: 45 Resp: 201019

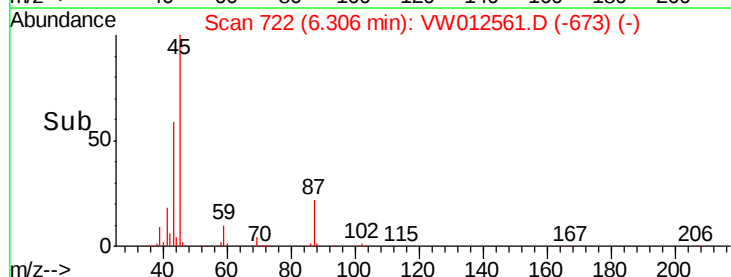
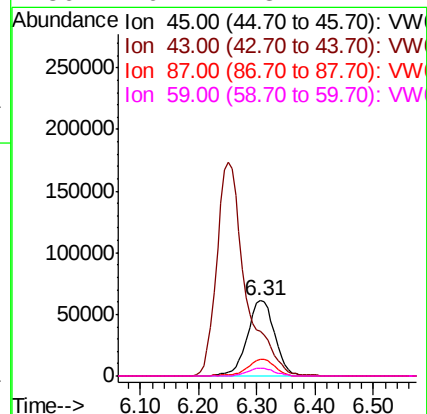
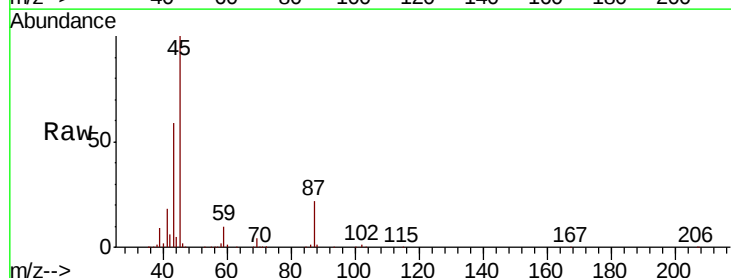
Ion Ratio Lower Upper

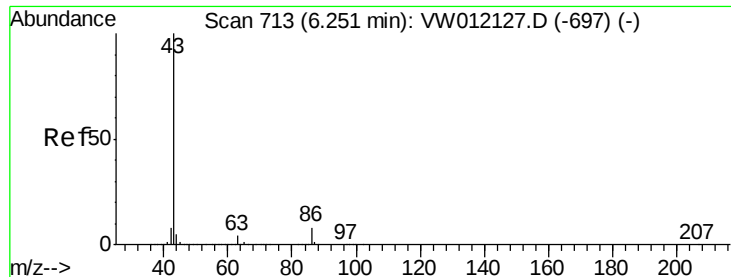
45 100

43 58.9 45.5 68.3

87 21.9 16.1 24.1

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 116.969 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

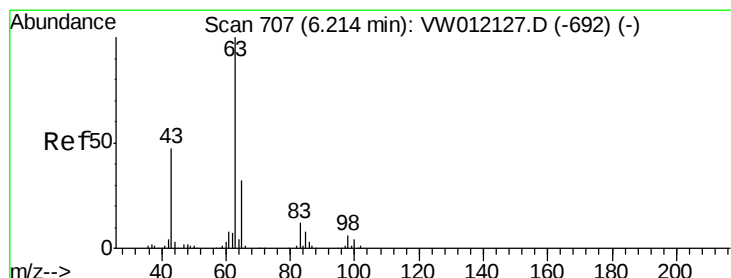
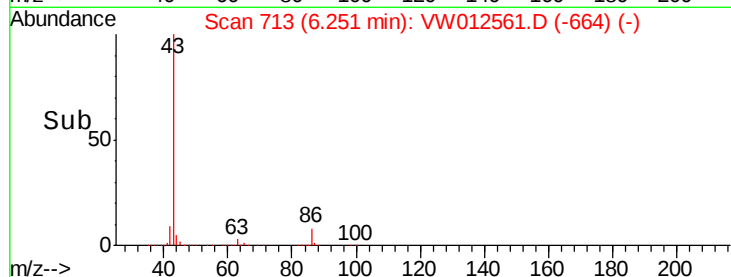
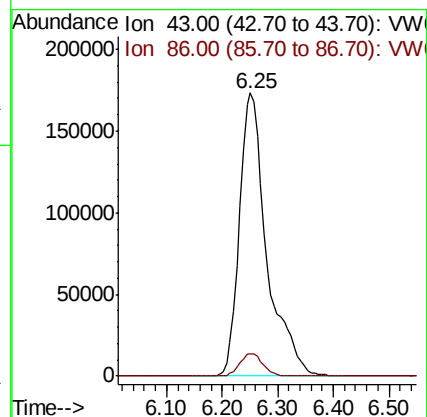
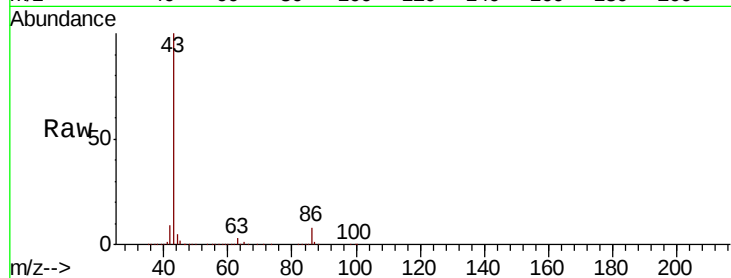
VW0903SBS03

Tgt Ion: 43 Resp: 592160

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



#24

1,1-Dichloroethane

Concen: 23.297 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

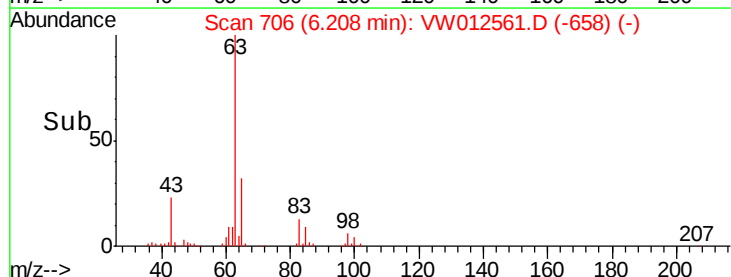
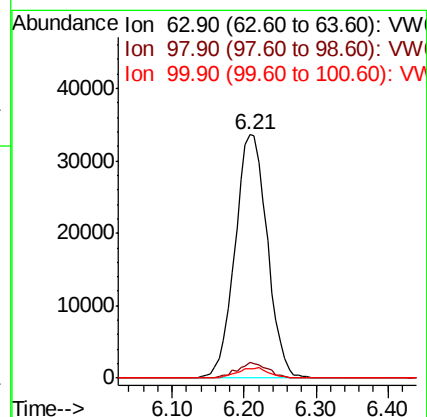
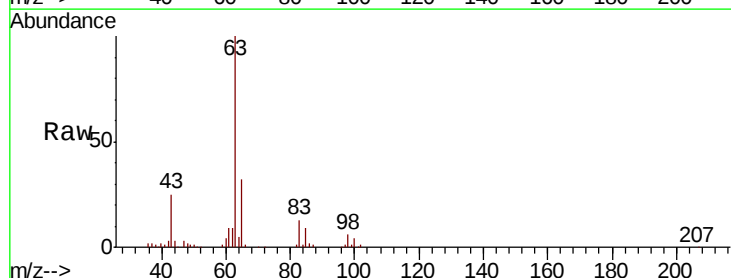
Tgt Ion: 63 Resp: 104348

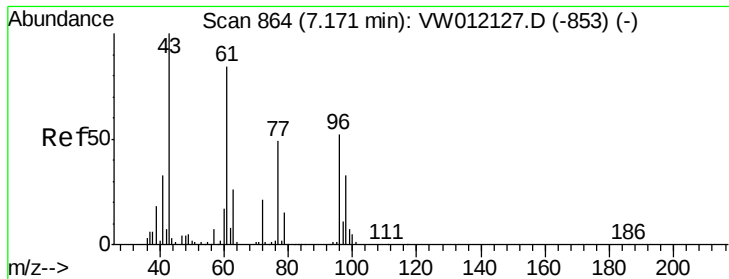
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 115.796 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

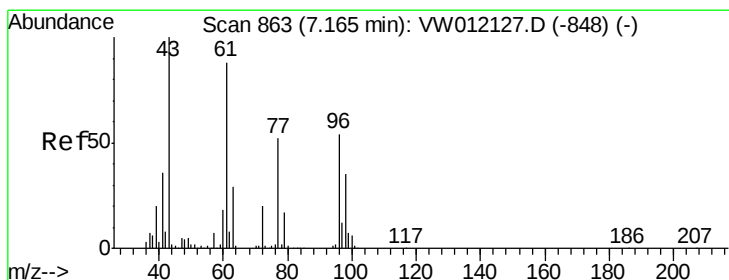
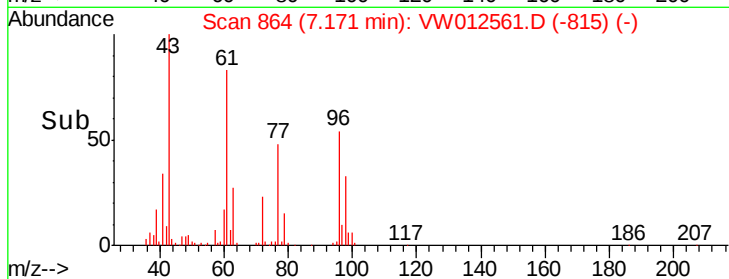
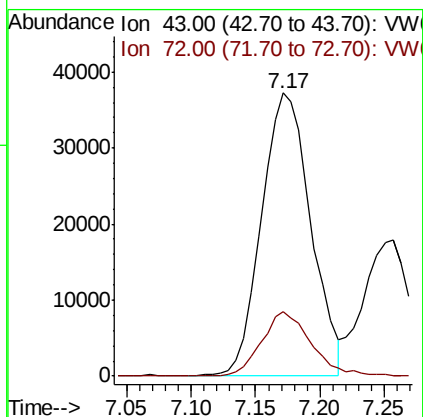
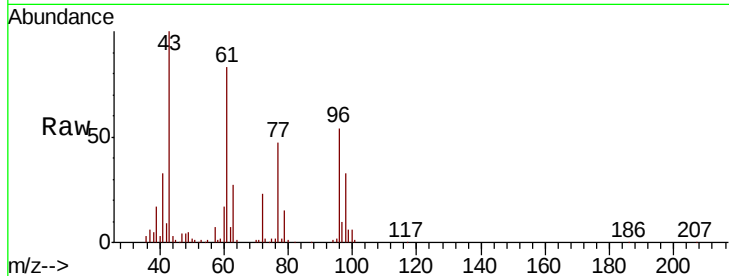
VW0903SBS03

Tgt Ion: 43 Resp: 98958

Ion Ratio Lower Upper

43 100

72 22.4 16.6 24.8



#26

2,2-Dichloropropane

Concen: 21.914 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012561.D

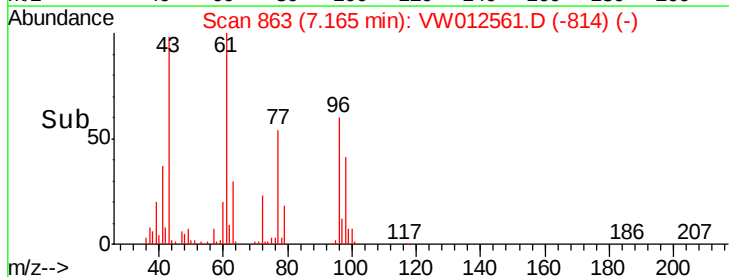
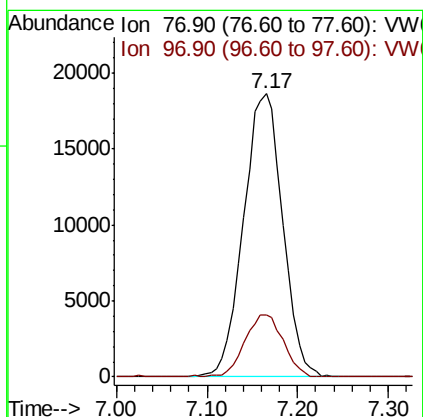
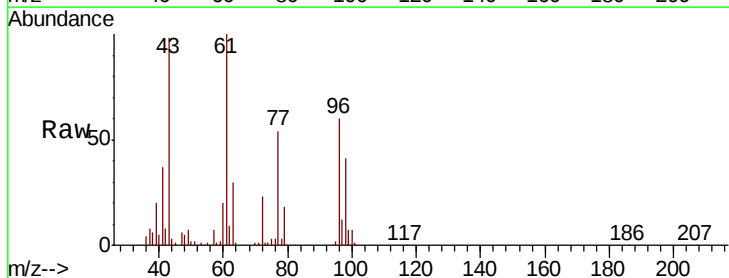
Acq: 03 Sep 2019 22:48

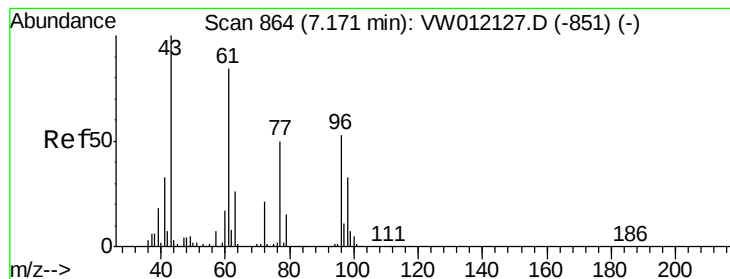
Tgt Ion: 77 Resp: 55555

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.1



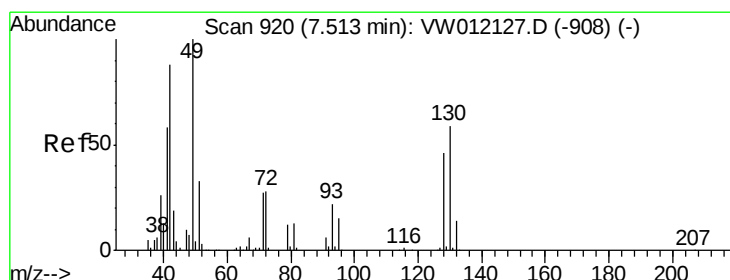
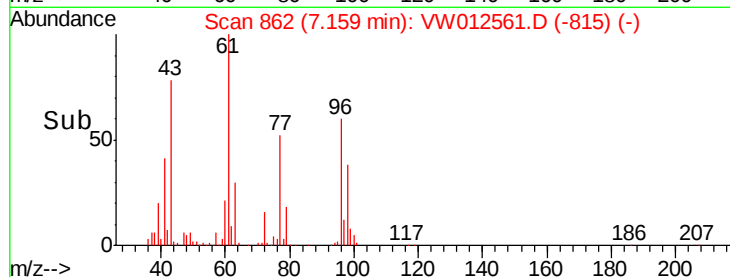
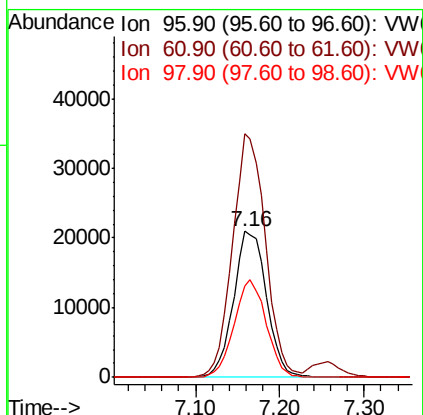
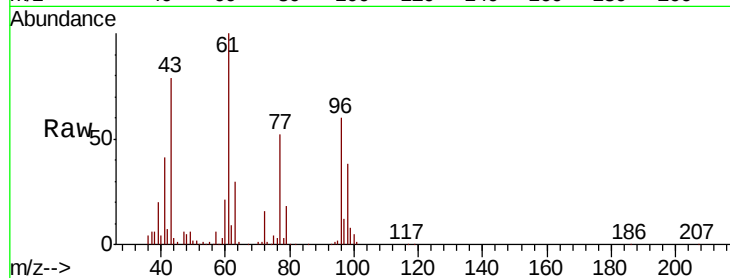


#27

cis-1,2-Dichloroethene
 Concen: 23.312 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

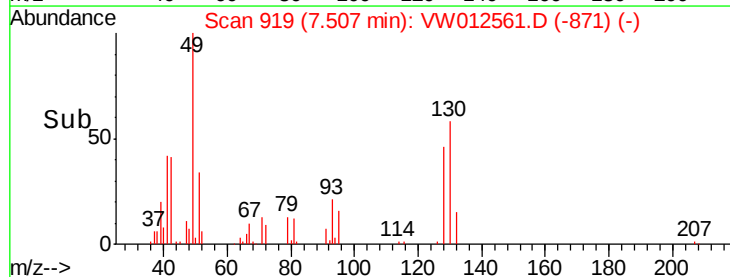
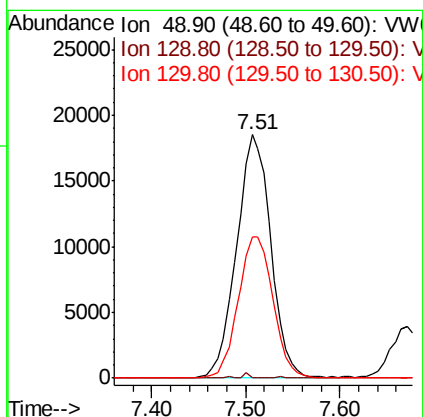
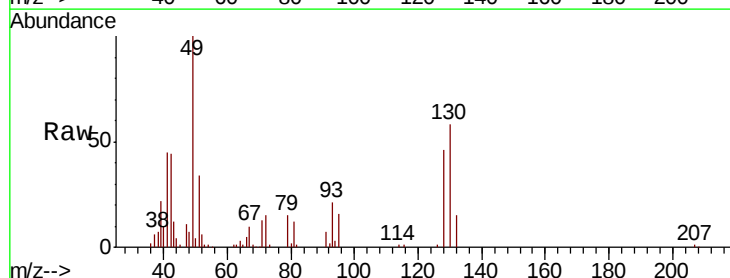
Tgt Ion: 96 Resp: 55444
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 326.6
 98 65.1 0.0 127.4

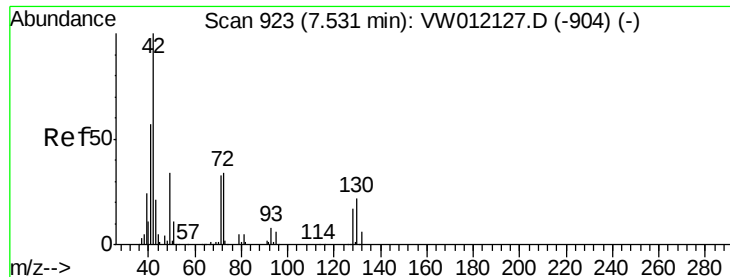


#28

Bromochloromethane
 Concen: 24.138 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion: 49 Resp: 47121
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 1.4
 130 58.8 45.5 68.3





#29

Tetrahydrofuran

Concen: 126.688 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

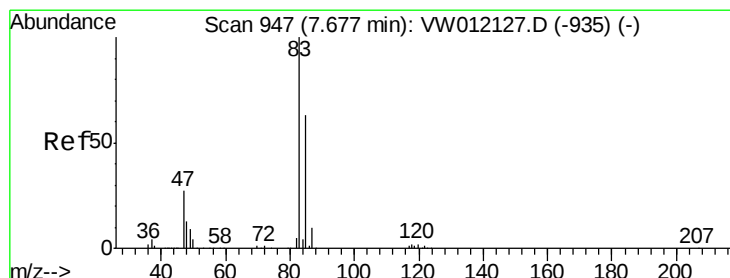
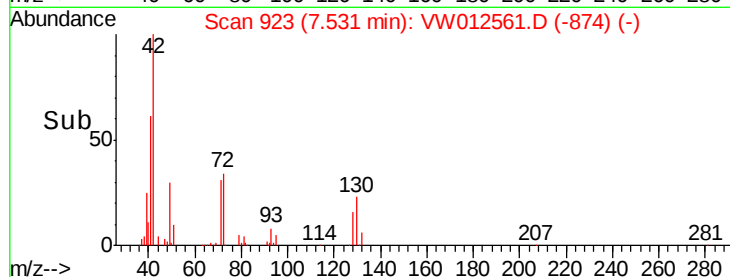
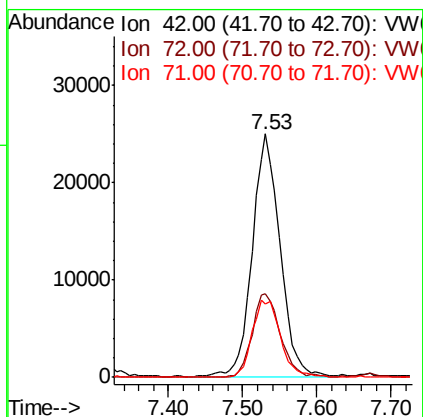
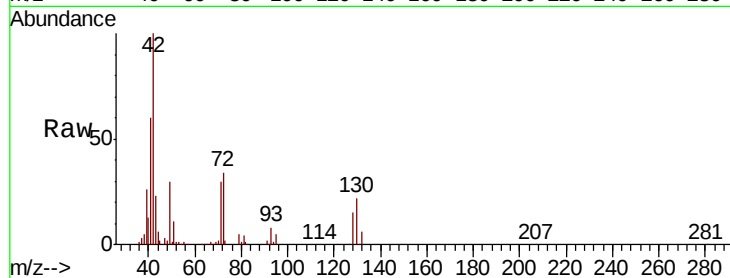
Tgt Ion: 42 Resp: 64955

Ion Ratio Lower Upper

42 100

72 35.0 27.3 40.9

71 32.7 25.5 38.3



#30

Chloroform

Concen: 24.643 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012561.D

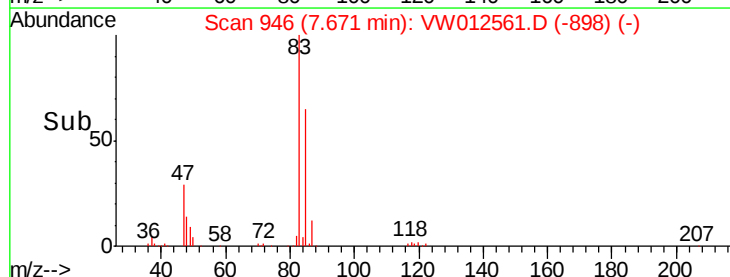
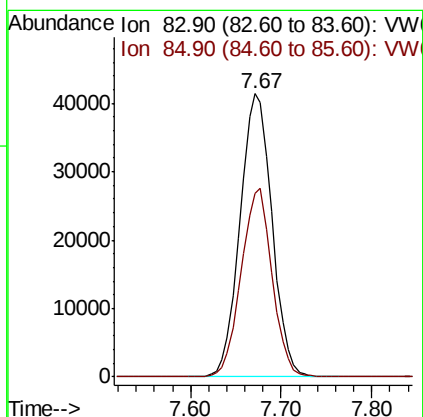
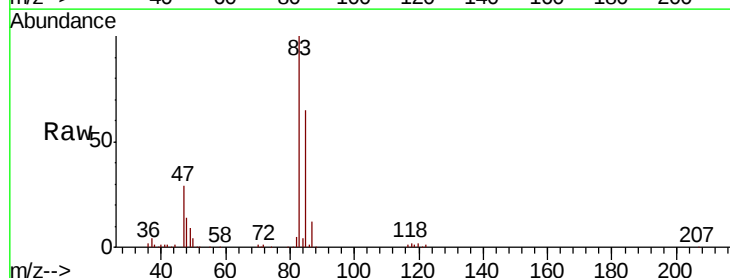
Acq: 03 Sep 2019 22:48

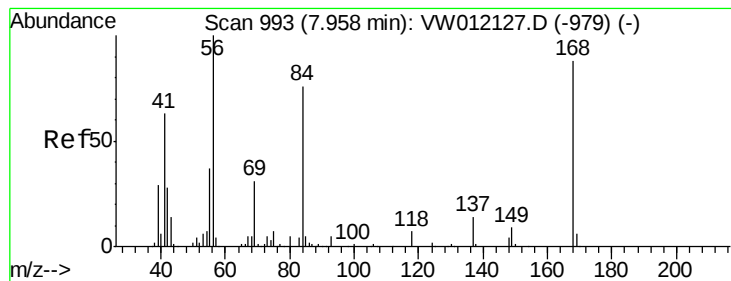
Tgt Ion: 83 Resp: 100984

Ion Ratio Lower Upper

83 100

85 65.0 50.6 76.0





#31

Cyclohexane

Concen: 18.551 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

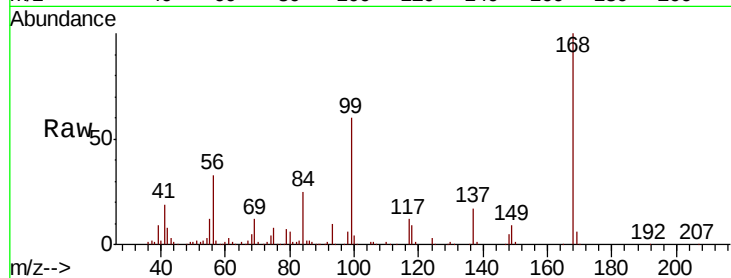
Tgt Ion: 56 Resp: 82207

Ion Ratio Lower Upper

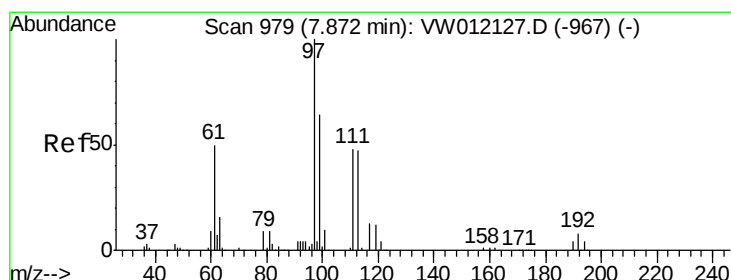
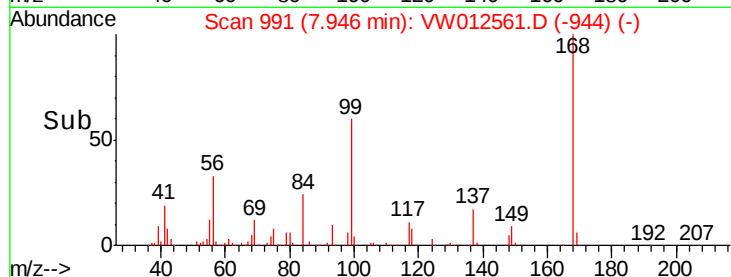
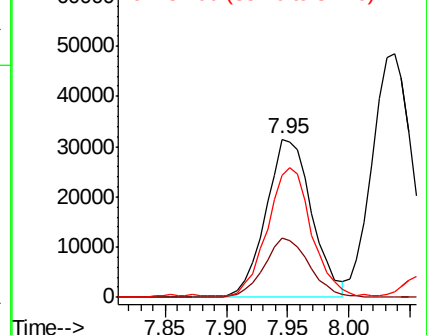
56 100

69 37.5 24.9 37.3#

84 75.5 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 23.094 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

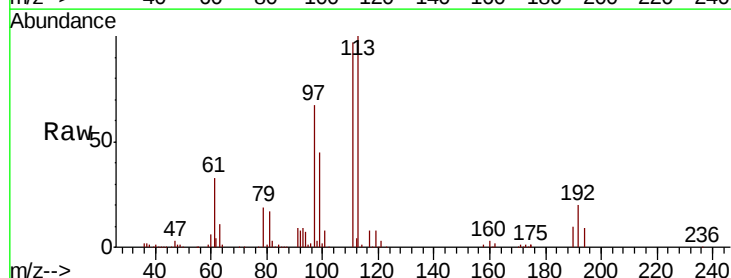
Tgt Ion: 97 Resp: 74865

Ion Ratio Lower Upper

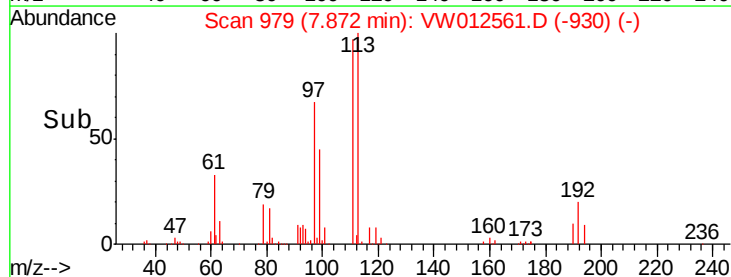
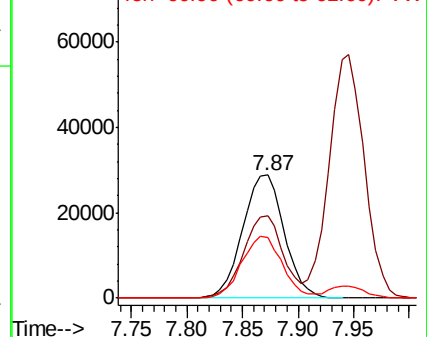
97 100

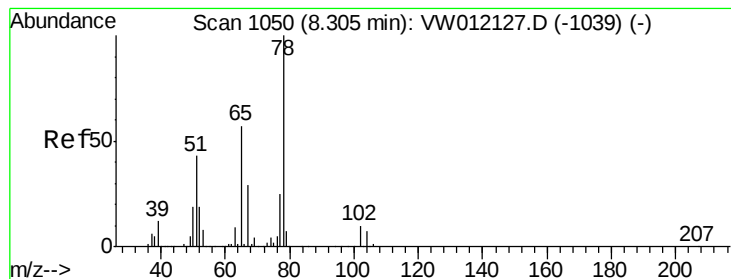
99 64.2 51.4 77.0

61 49.6 39.5 59.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 60.669 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

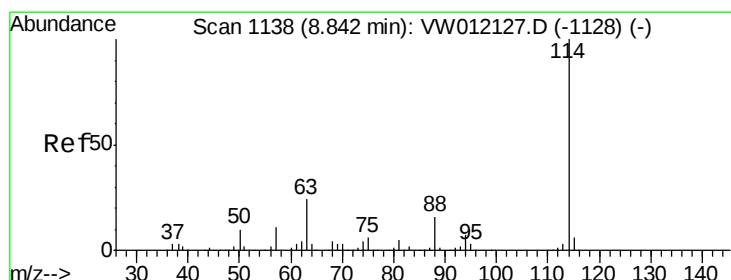
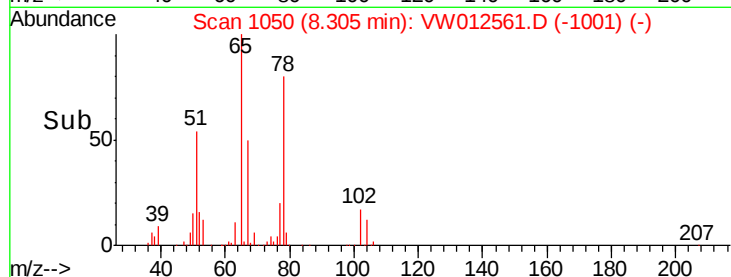
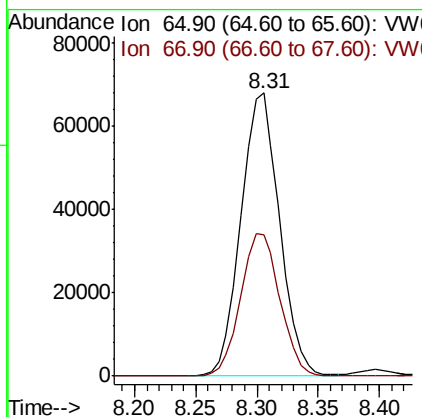
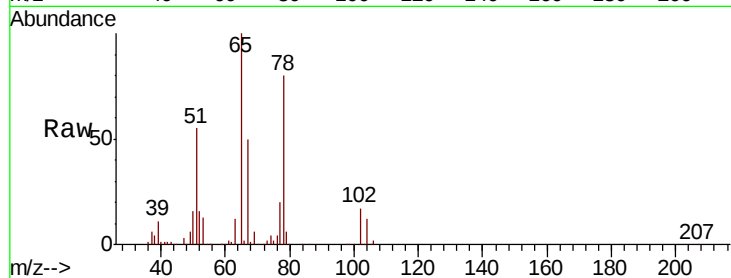
VW0903SBS03

Tgt Ion: 65 Resp: 149260

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

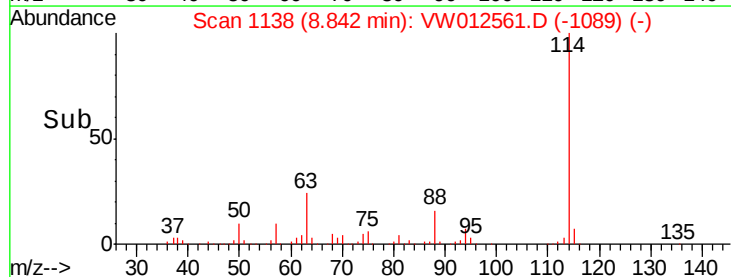
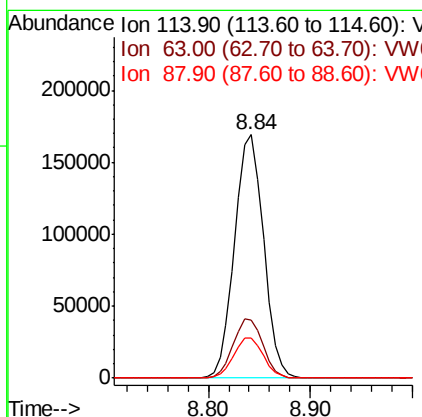
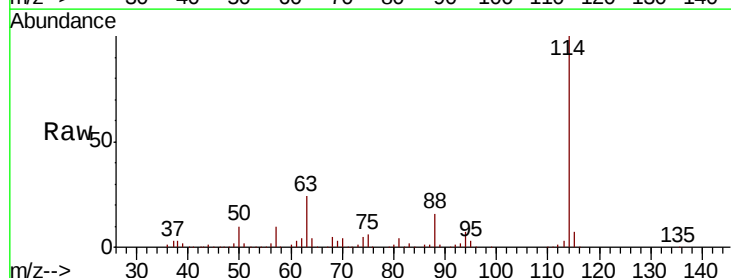
Tgt Ion: 114 Resp: 334080

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.6

88 16.4 0.0 32.2

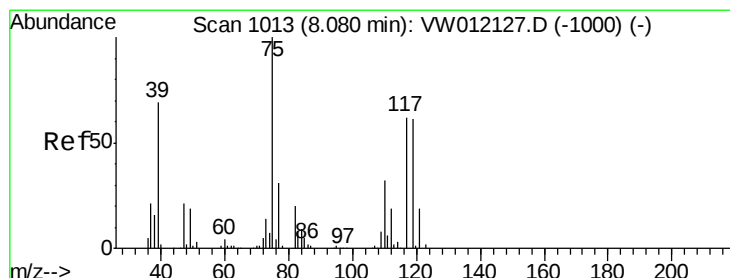
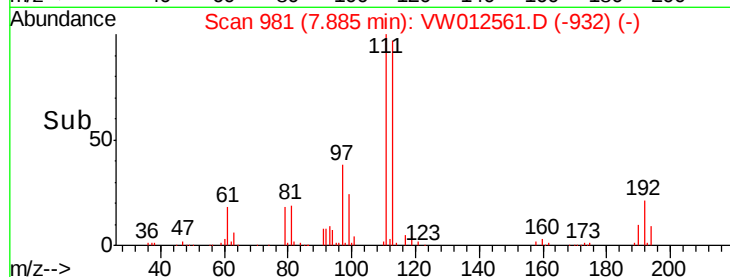
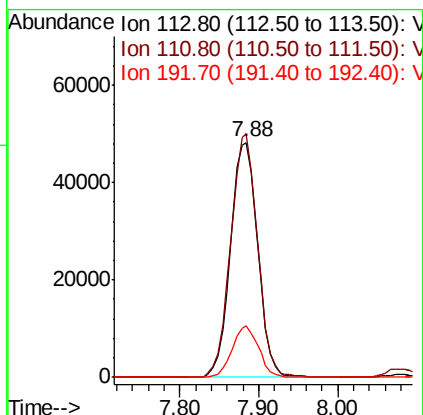
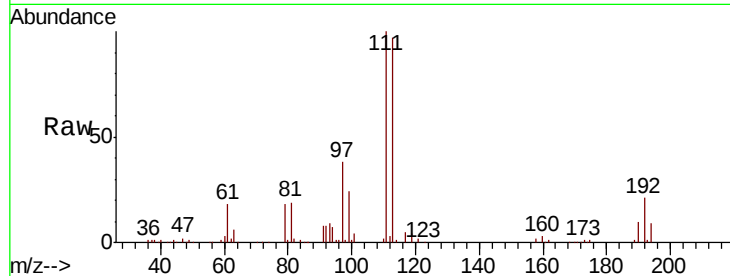




#35
 Dibromofluoromethane
 Concen: 58.009 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

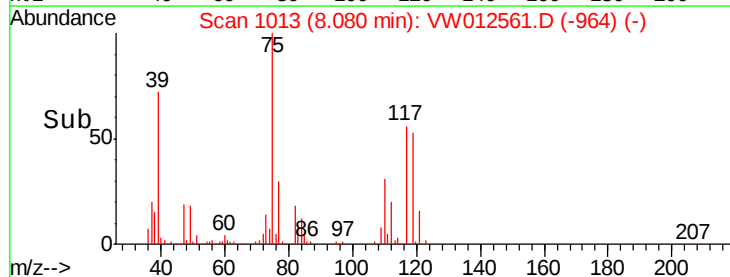
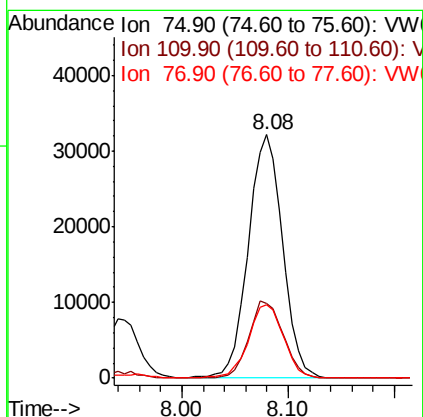
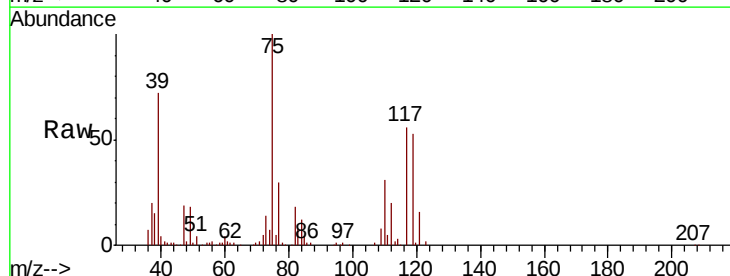
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

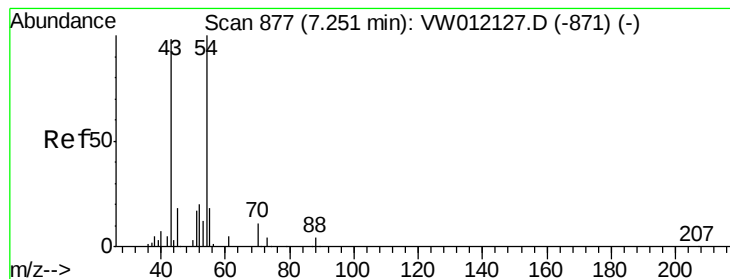
Tgt Ion: 113 Resp: 115677
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.7 124.1
 192 21.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 21.127 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion: 75 Resp: 72938
 Ion Ratio Lower Upper
 75 100
 110 31.7 15.6 46.8
 77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 23.954 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

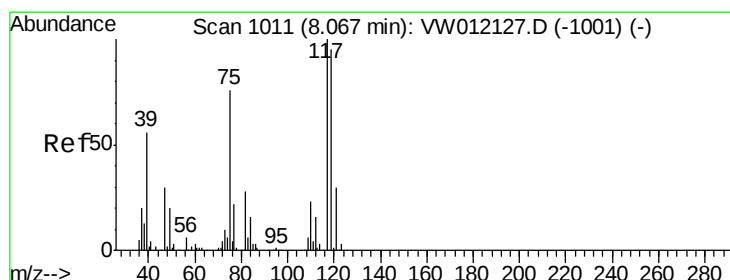
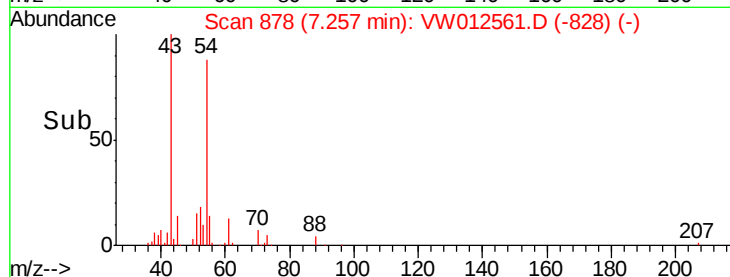
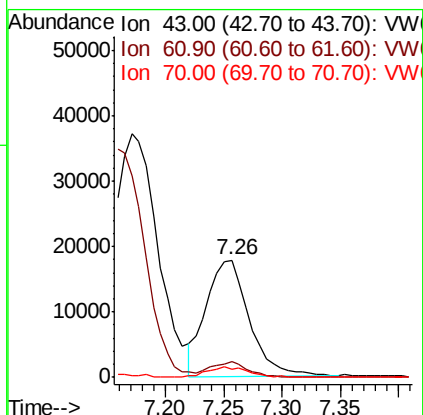
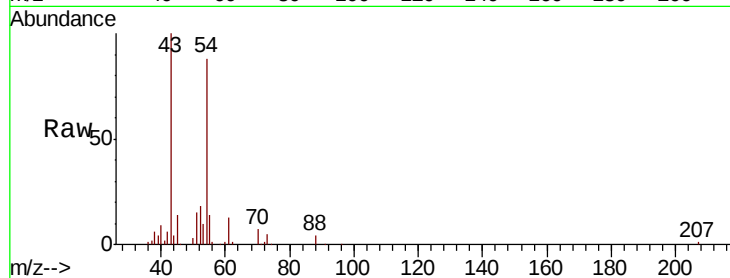
Tgt Ion: 43 Resp: 45317

Ion Ratio Lower Upper

43 100

61 12.0 9.2 13.8

70 8.9 6.9 10.3



#38

Carbon Tetrachloride

Concen: 22.441 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

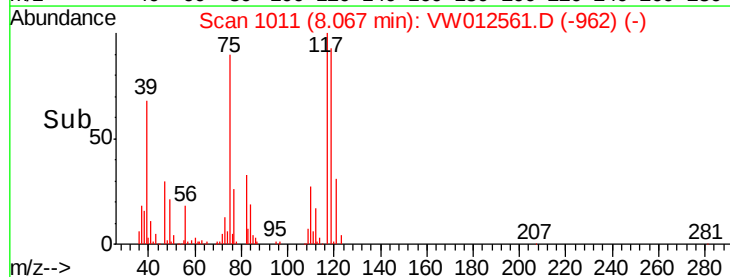
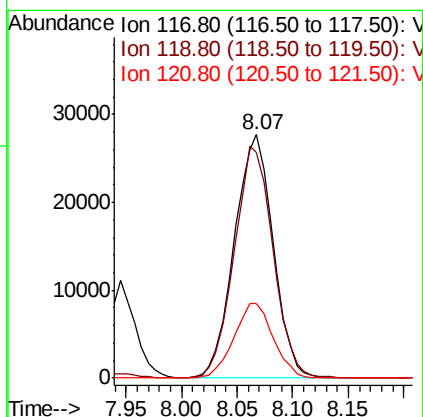
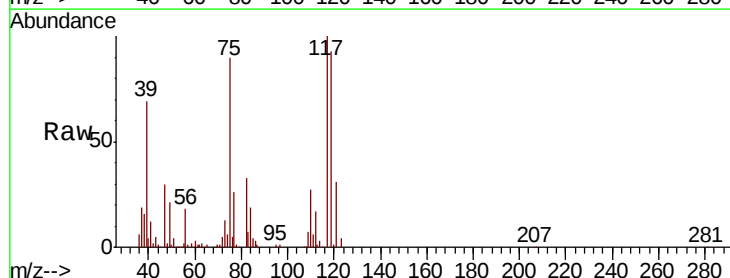
Tgt Ion: 117 Resp: 67055

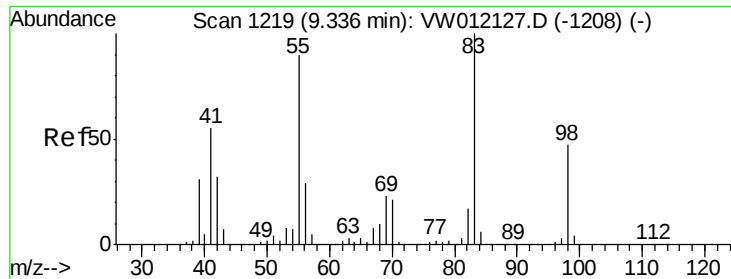
Ion Ratio Lower Upper

117 100

119 92.7 76.2 114.2

121 30.6 23.8 35.8

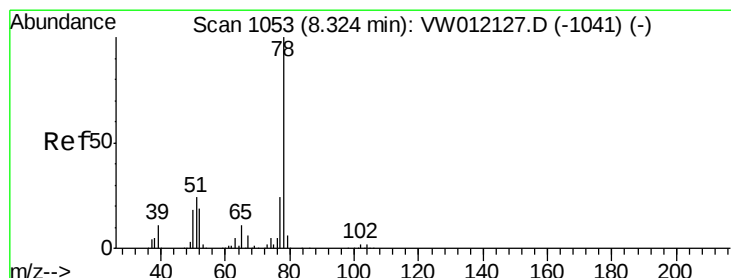
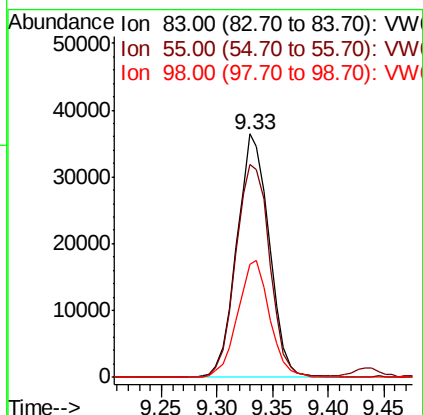
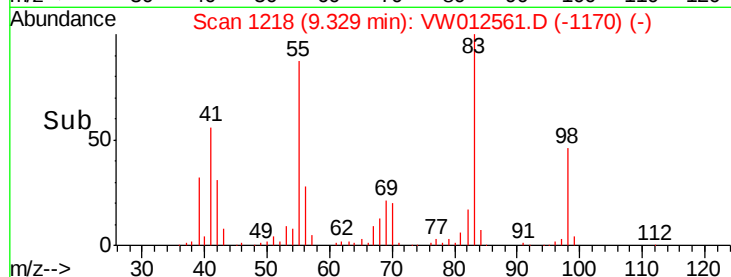
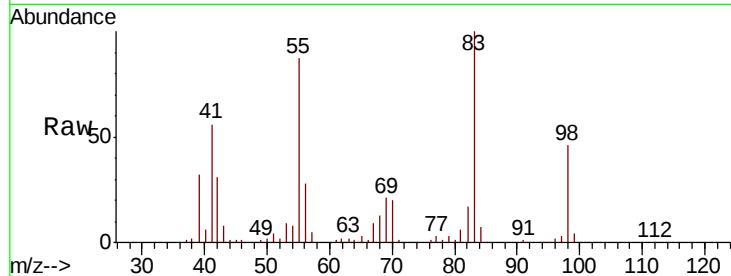




#39
Methylcyclohexane
Concen: 18.976 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

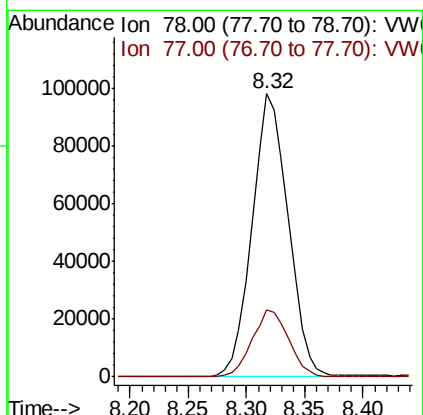
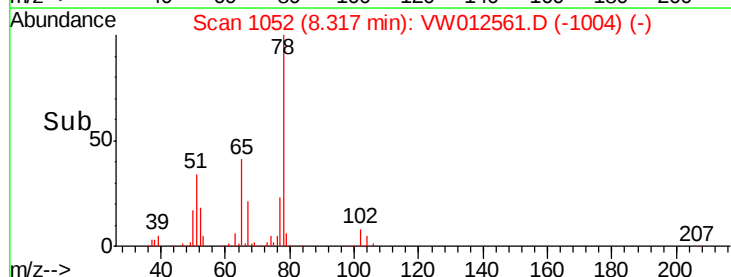
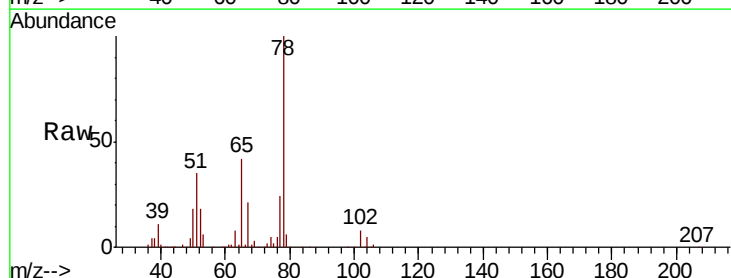
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

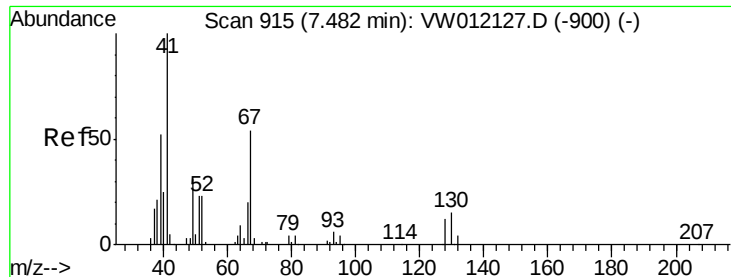
Tgt Ion: 83 Resp: 73596
Ion Ratio Lower Upper
83 100
55 87.5 71.8 107.8
98 46.3 37.8 56.8



#40
Benzene
Concen: 22.463 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion: 78 Resp: 211756
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3





#41

Methacrylonitrile

Concen: 27.578 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

Tgt Ion: 41 Resp: 30664

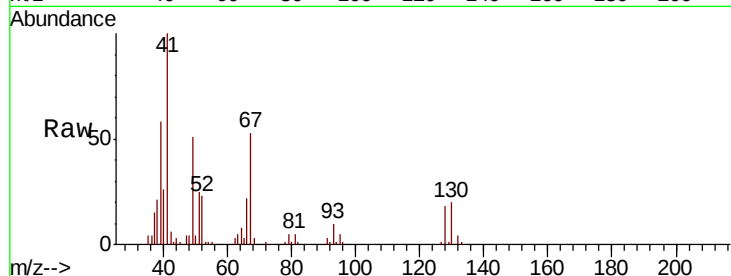
Ion Ratio Lower Upper

41 100

39 49.0 45.8 68.8

67 52.6 46.2 69.4

52 23.9 21.0 31.6

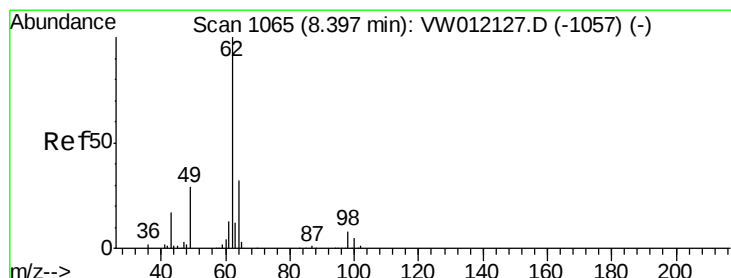
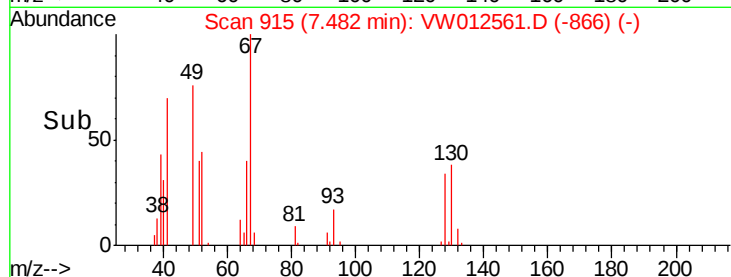
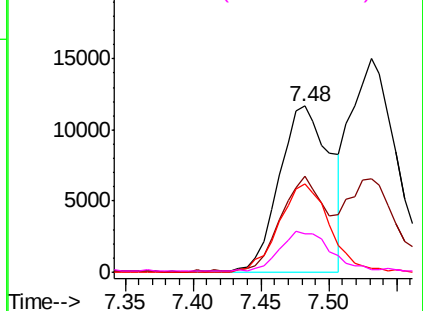


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 25.399 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW012561.D

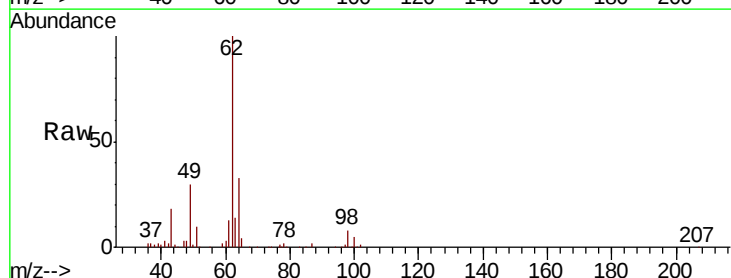
Acq: 03 Sep 2019 22:48

Tgt Ion: 62 Resp: 75041

Ion Ratio Lower Upper

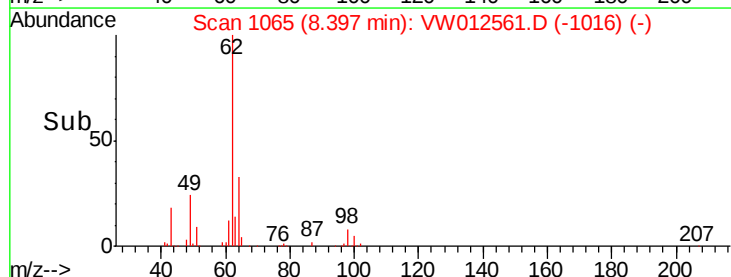
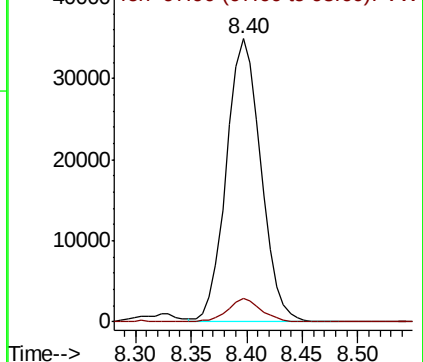
62 100

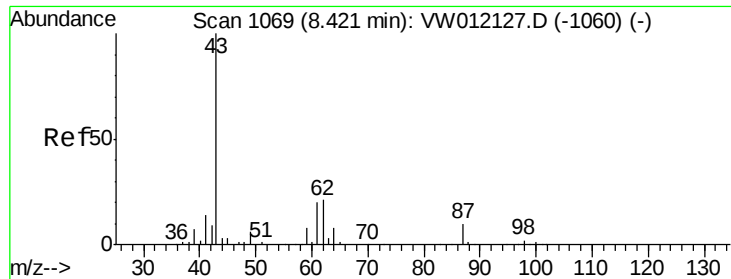
98 8.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 24.944 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

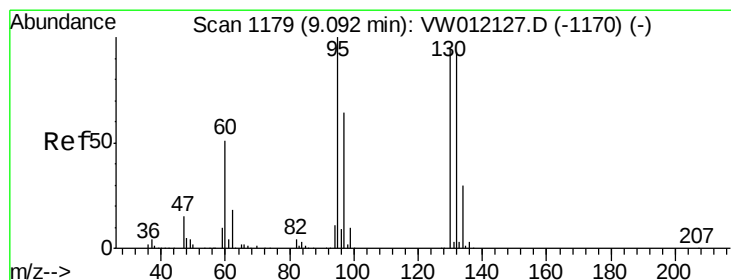
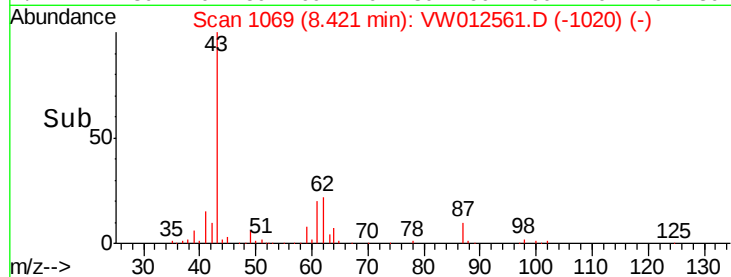
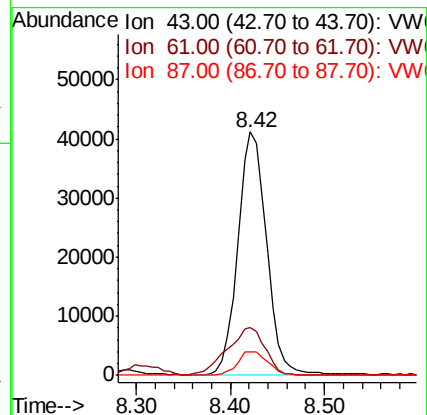
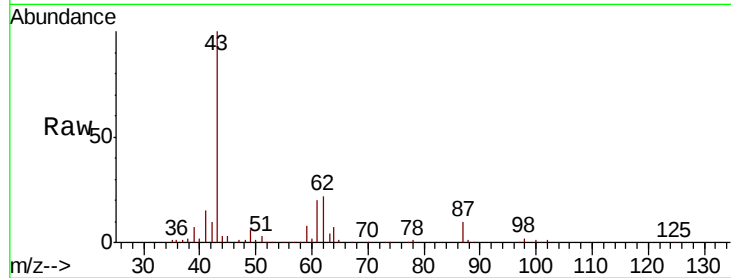
Tgt Ion: 43 Resp: 87409

Ion Ratio Lower Upper

43 100

61 25.4 21.1 31.7

87 10.2 8.2 12.2



#44

Trichloroethene

Concen: 22.323 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012561.D

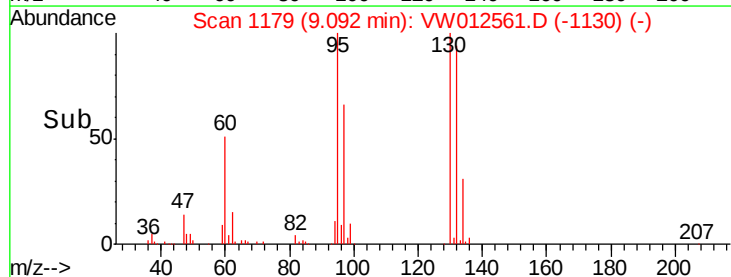
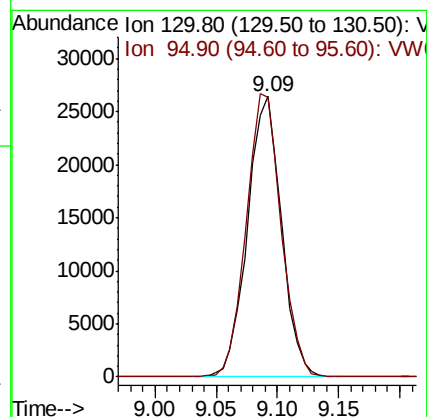
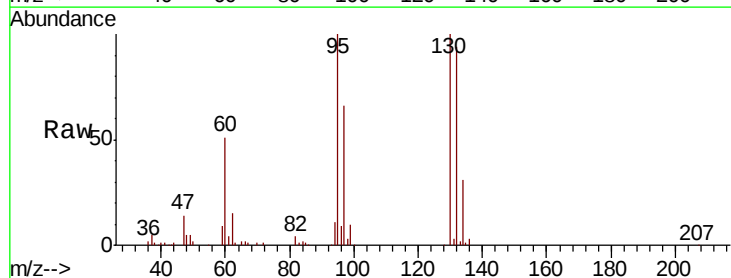
Acq: 03 Sep 2019 22:48

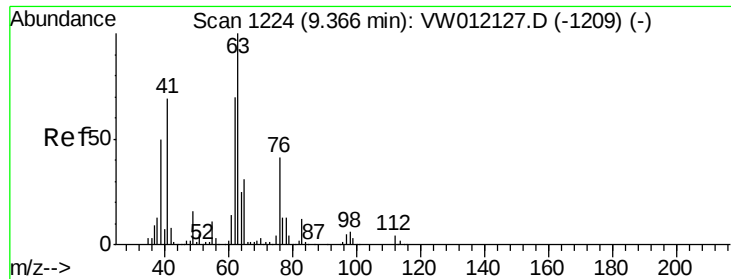
Tgt Ion: 130 Resp: 51156

Ion Ratio Lower Upper

130 100

95 99.6 0.0 210.6

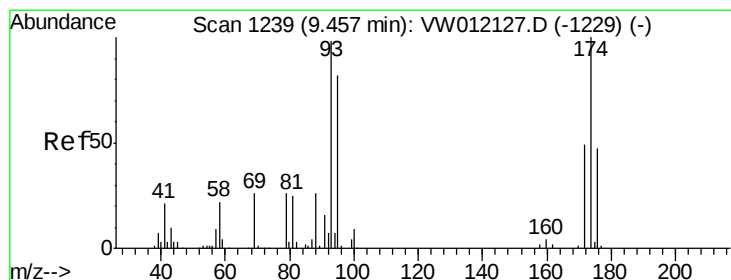
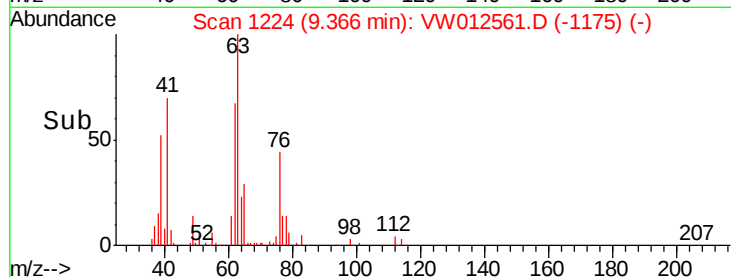
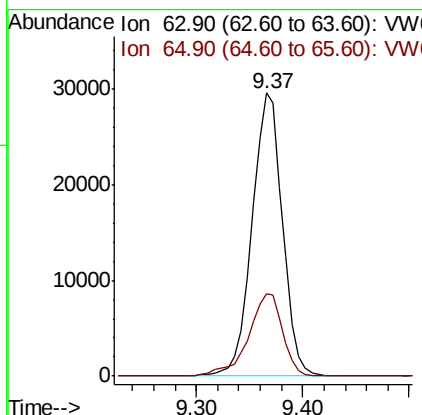
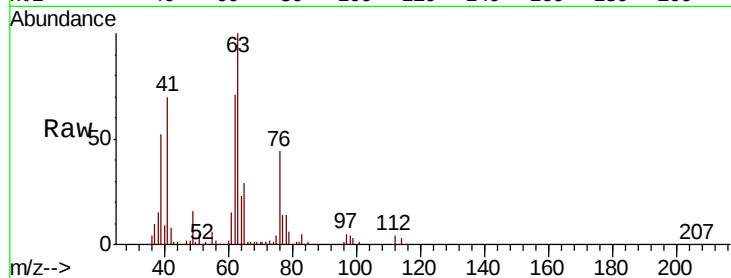




#45
 1,2-Dichloropropane
 Concen: 23.346 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

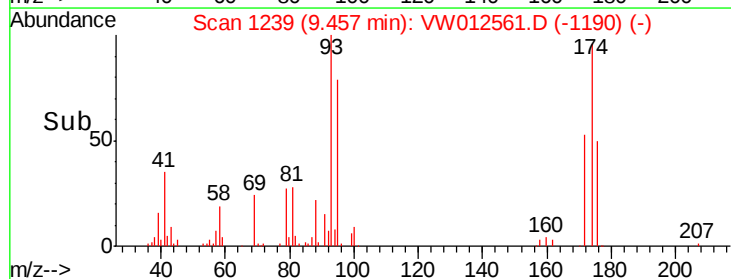
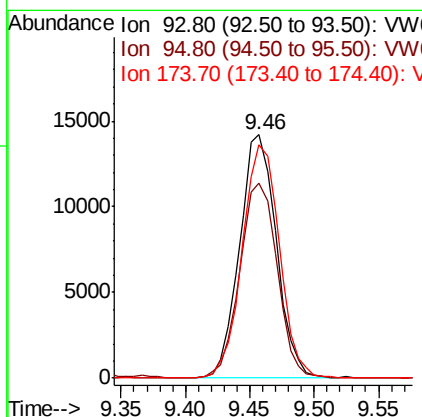
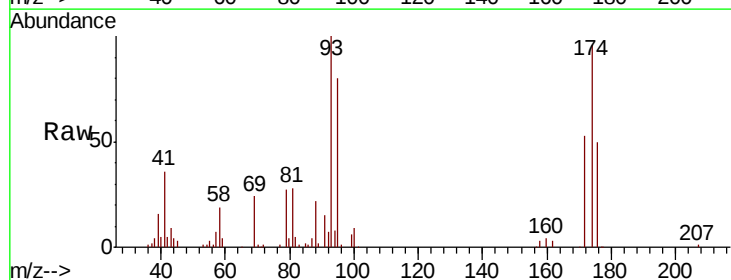
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

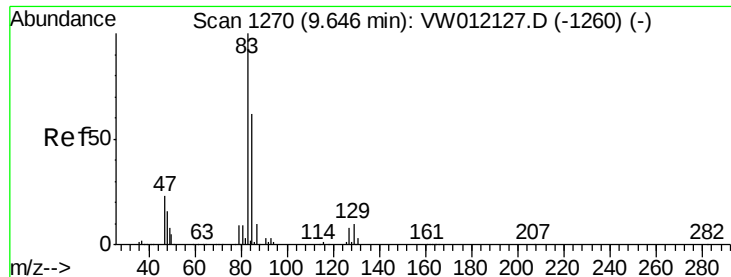
Tgt Ion: 63 Resp: 59230
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.4



#46
 Dibromomethane
 Concen: 24.828 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion: 93 Resp: 28026
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.2 100.8
 174 97.2 79.0 118.6





#47

Bromodichloromethane

Concen: 24.167 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

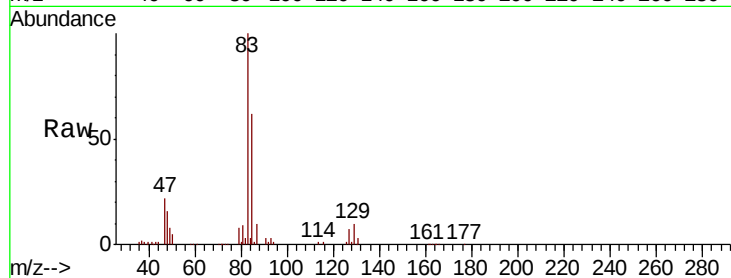
Tgt Ion: 83 Resp: 72604

Ion Ratio Lower Upper

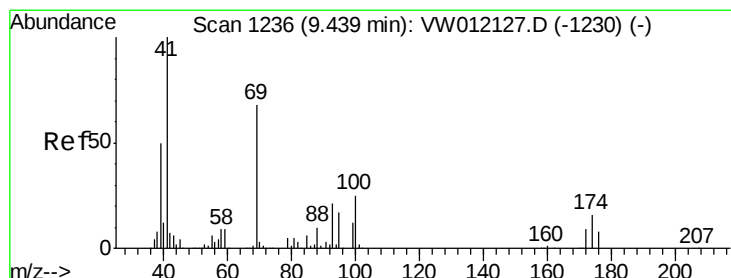
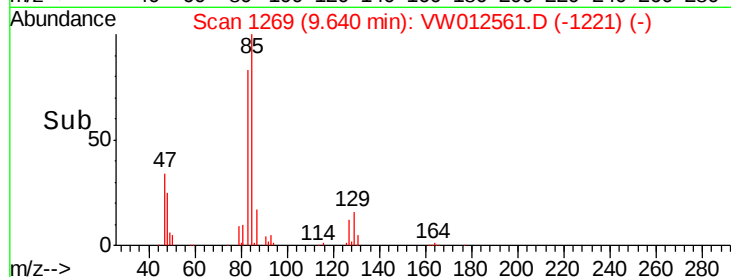
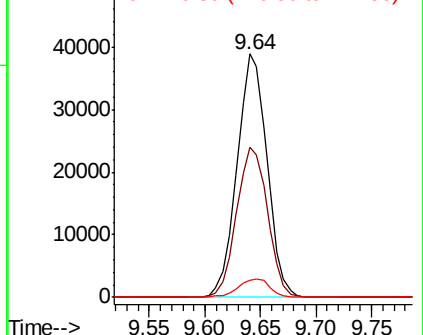
83 100

85 61.5 49.4 74.2

127 7.2 6.1 9.1



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



#48

Methyl methacrylate

Concen: 24.938 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

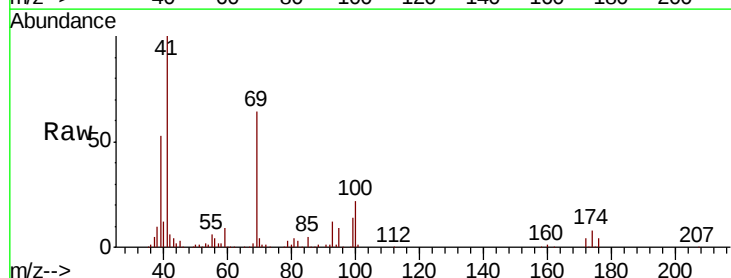
Tgt Ion: 41 Resp: 41592

Ion Ratio Lower Upper

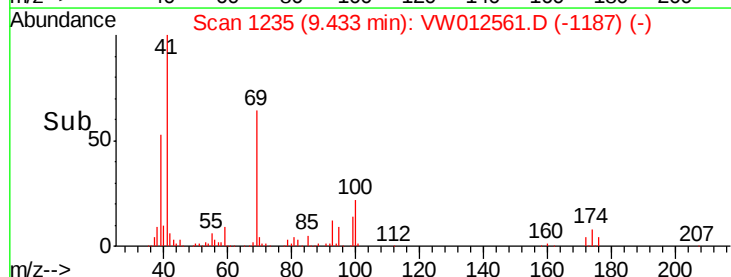
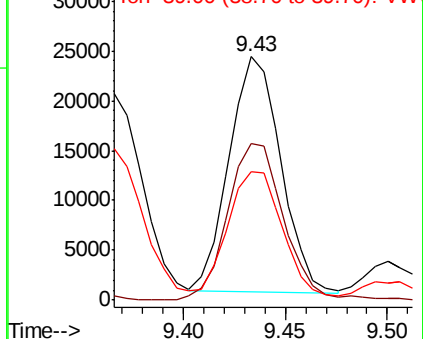
41 100

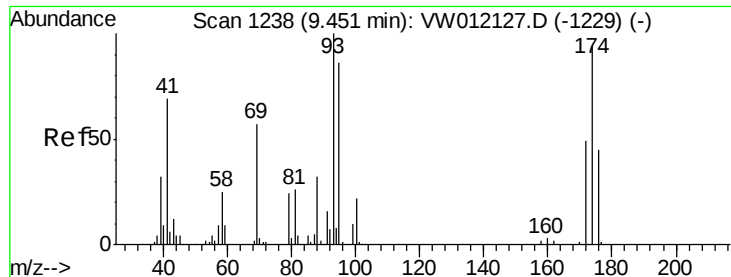
69 72.4 56.7 85.1

39 58.8 42.0 63.0



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

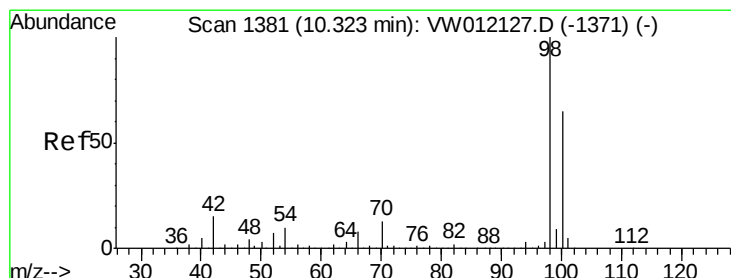
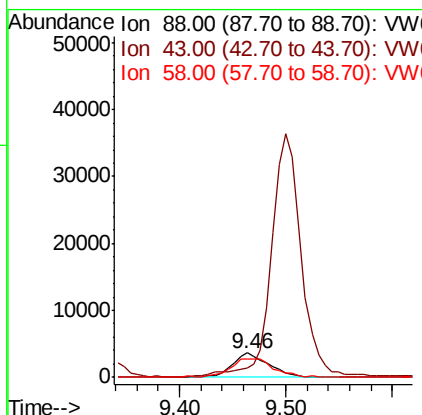
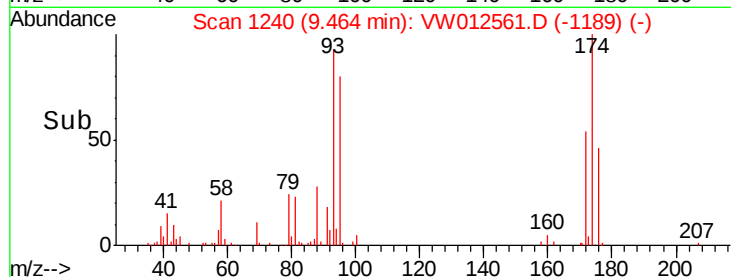
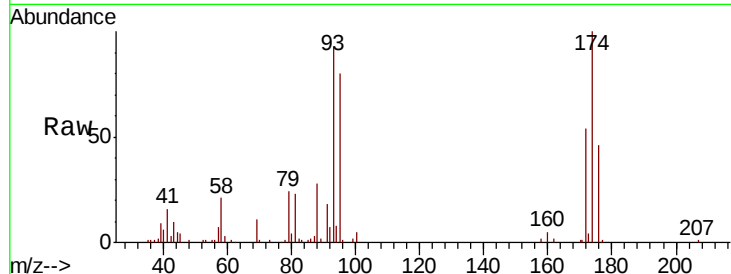




#49
1,4-Dioxane
Concen: 504.493 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

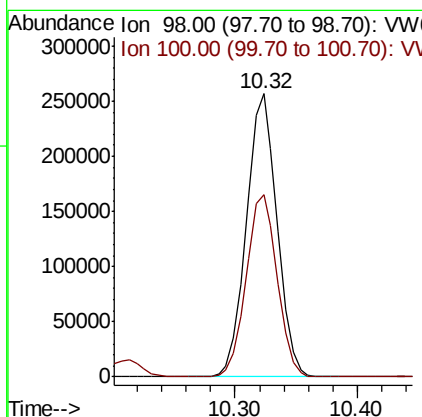
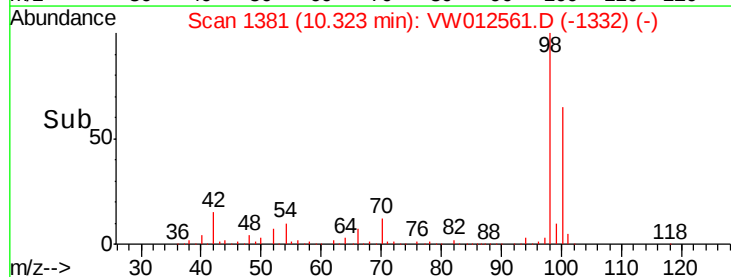
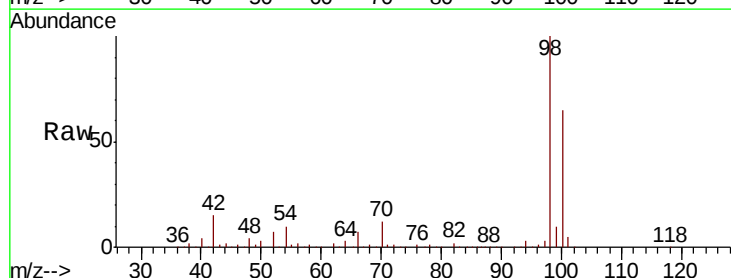
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

Tgt Ion: 88 Resp: 8718
Ion Ratio Lower Upper
88 100
43 0.0 32.9 49.3#
58 92.3 71.0 106.4



#50
Toluene-d8
Concen: 55.234 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion: 98 Resp: 446600
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

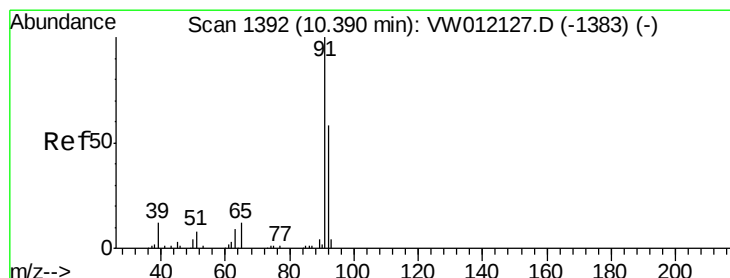
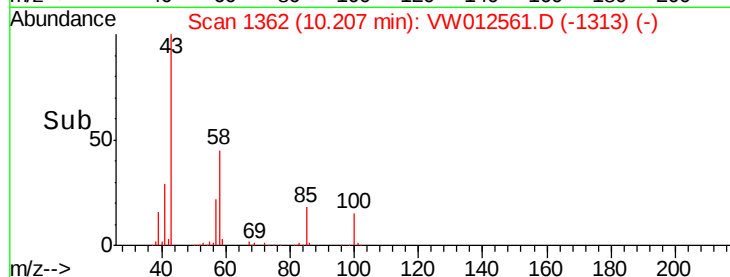
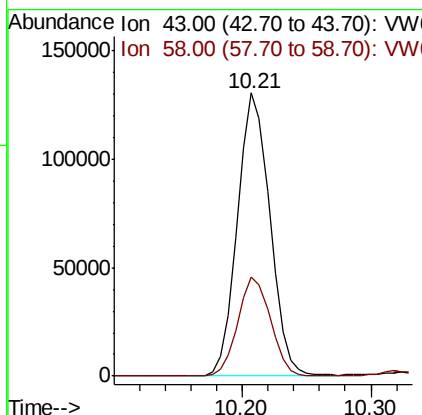
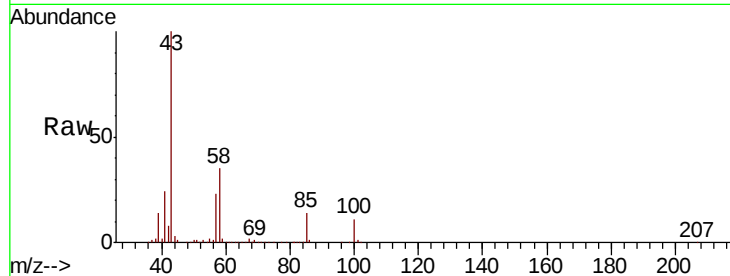




#51
 4-Methyl-2-Pentanone
 Concen: 128.271 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

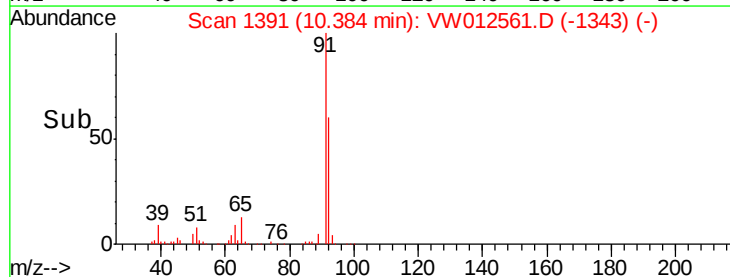
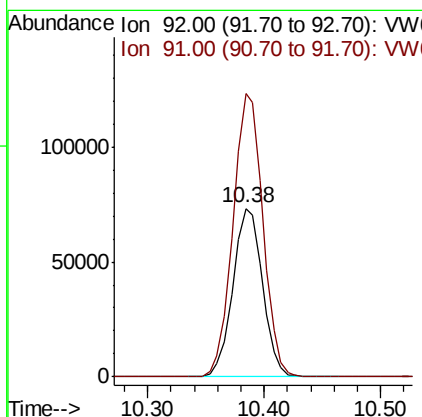
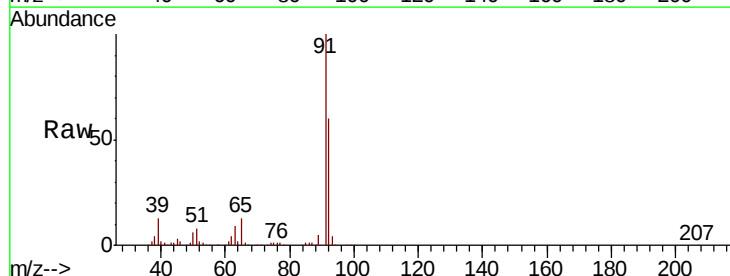
Instrument :
 MSVOA_W
 ClientSampled :
 VW0903SBS03

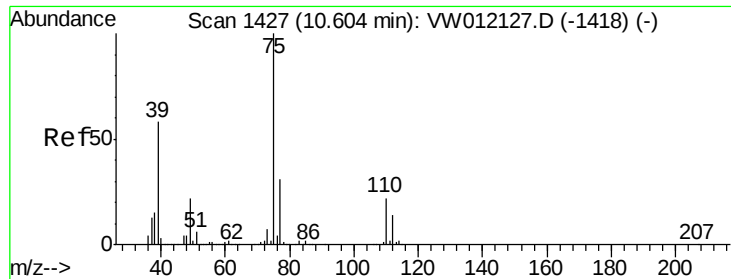
Tgt Ion: 43 Resp: 228626
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.2



#52
 Toluene
 Concen: 22.977 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion: 92 Resp: 130120
 Ion Ratio Lower Upper
 92 100
 91 169.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 24.001 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

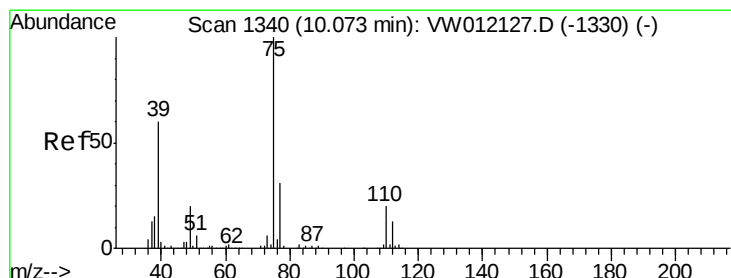
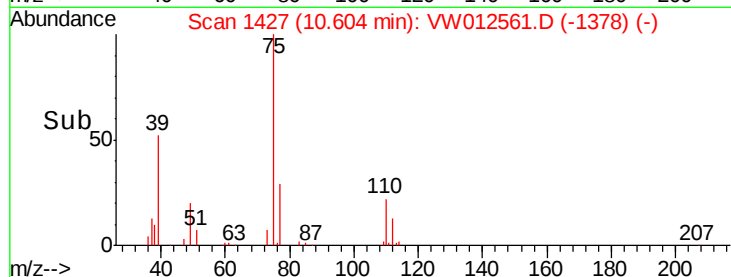
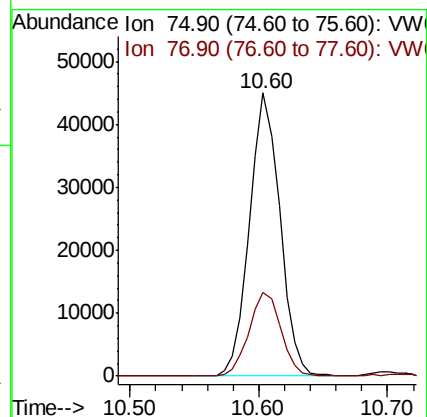
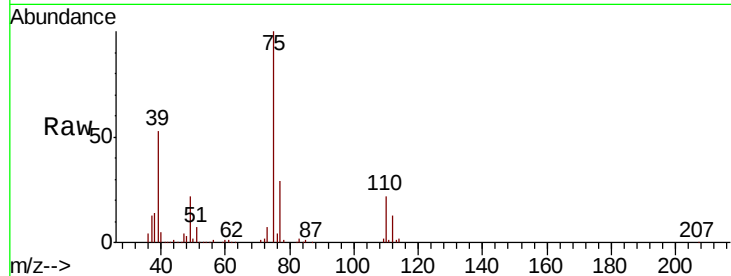
VW0903SBS03

Tgt Ion: 75 Resp: 73446

Ion Ratio Lower Upper

75 100

77 29.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 23.060 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

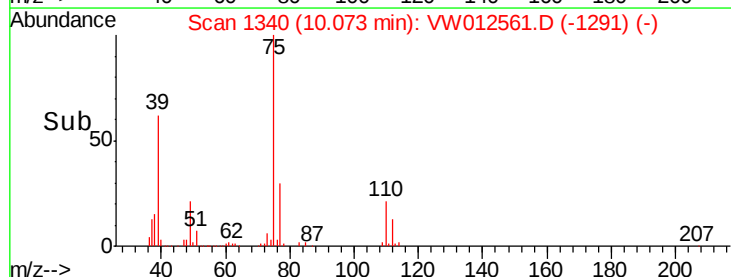
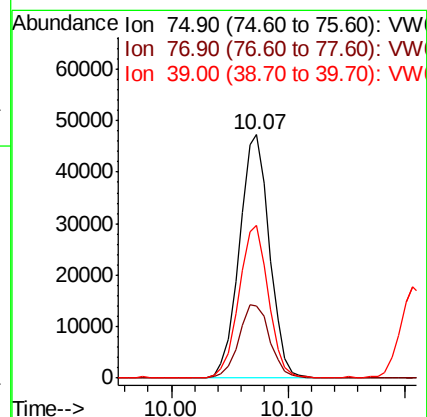
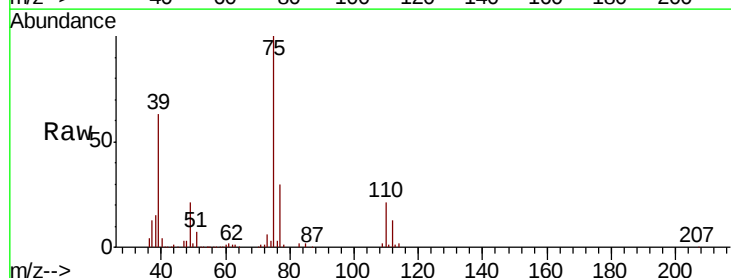
Tgt Ion: 75 Resp: 85205

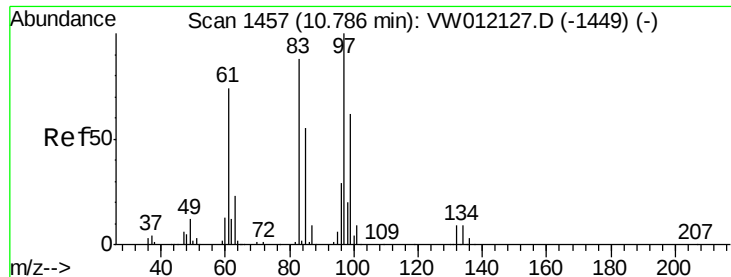
Ion Ratio Lower Upper

75 100

77 29.6 25.1 37.7

39 62.3 48.3 72.5

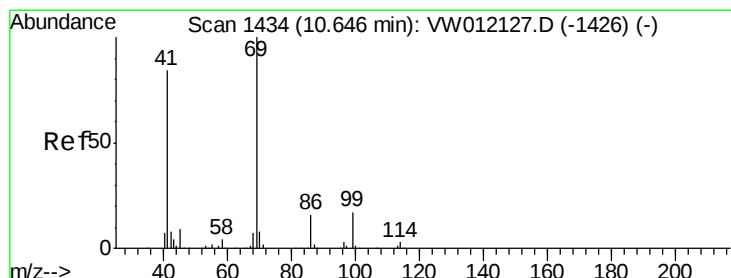
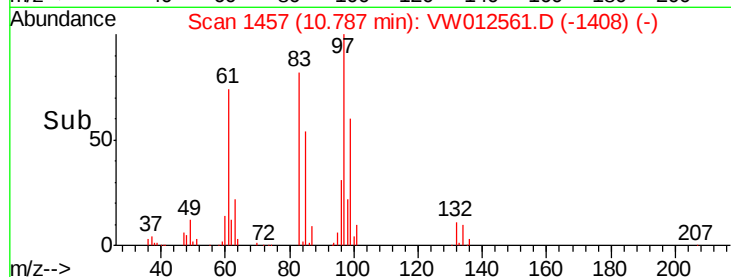
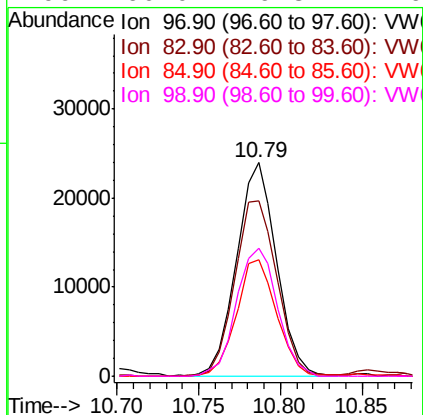
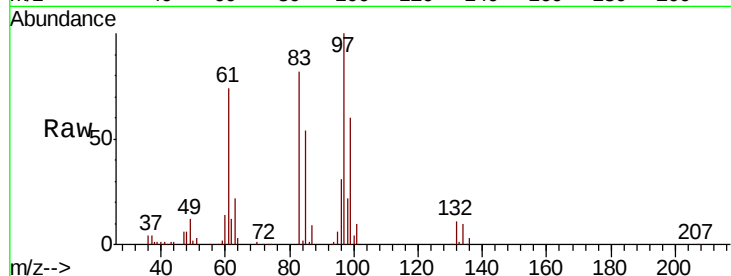




#55
 1,1,2-Trichloroethane
 Concen: 25.377 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

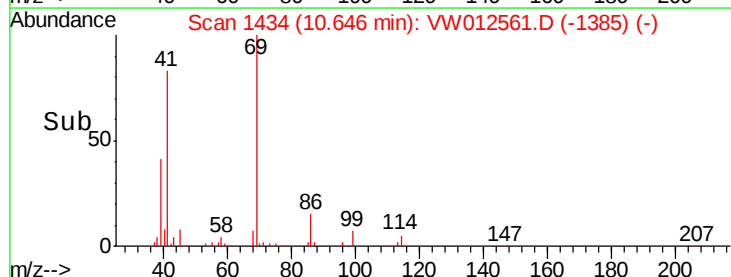
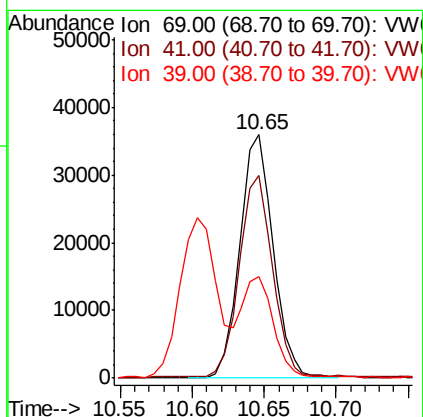
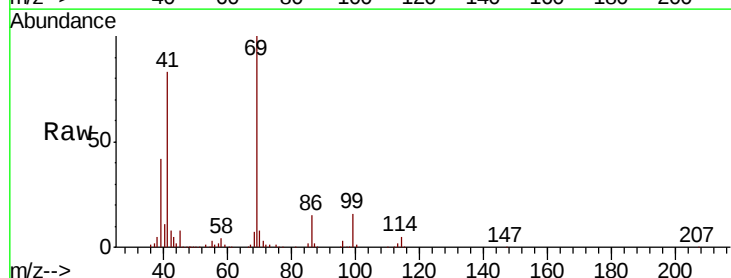
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

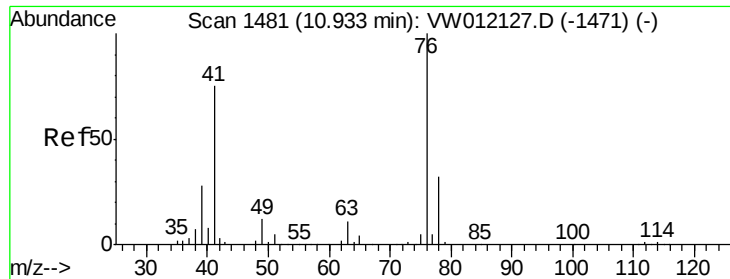
Tgt Ion:	97	Resp:	40530
Ion	Ratio	Lower	Upper
97	100		
83	82.0	70.8	106.2
85	54.4	43.8	65.8
99	60.0	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 24.965 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion:	69	Resp:	58030
Ion	Ratio	Lower	Upper
69	100		
41	82.9	66.5	99.7
39	37.9	31.0	46.4

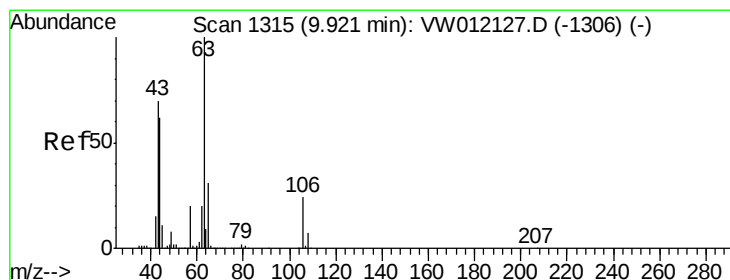
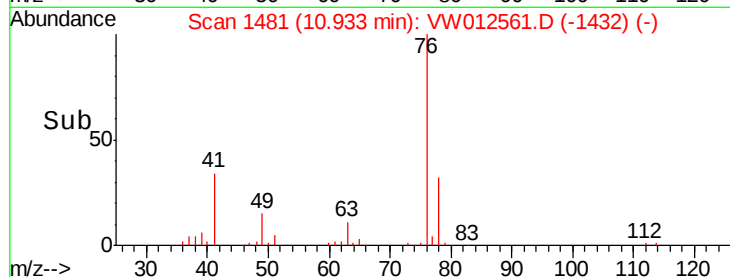
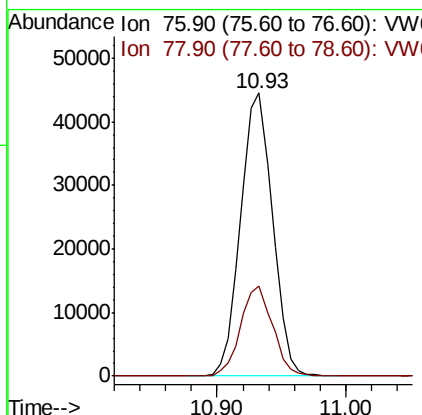
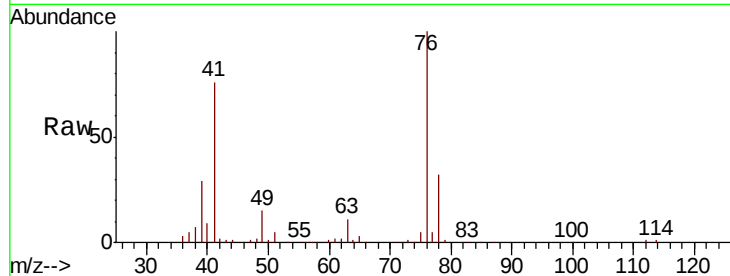




#57
 1,3-Dichloropropane
 Concen: 25.287 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

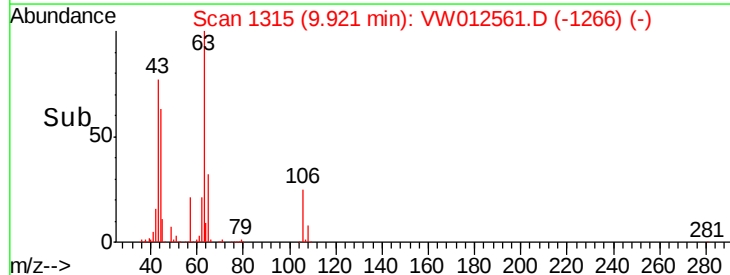
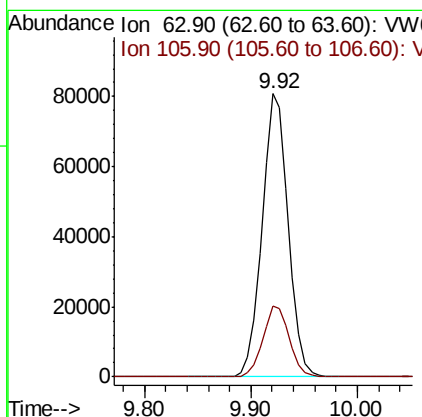
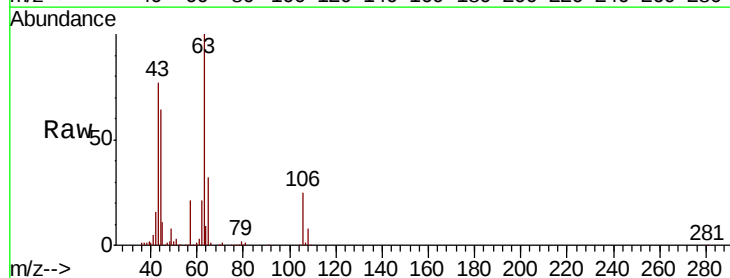
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

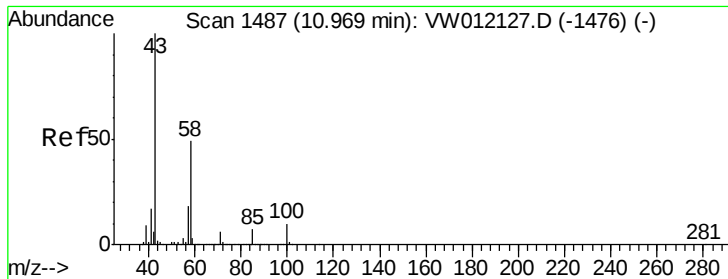
Tgt Ion: 76 Resp: 76320
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.962 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion: 63 Resp: 138338
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.8 29.8

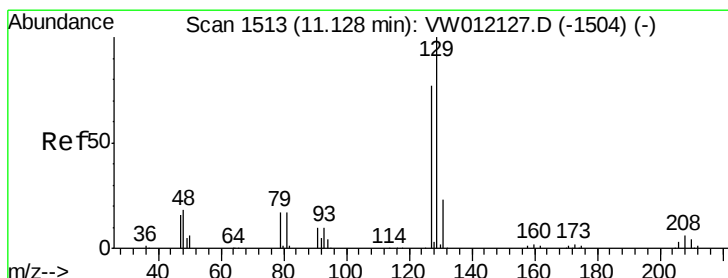
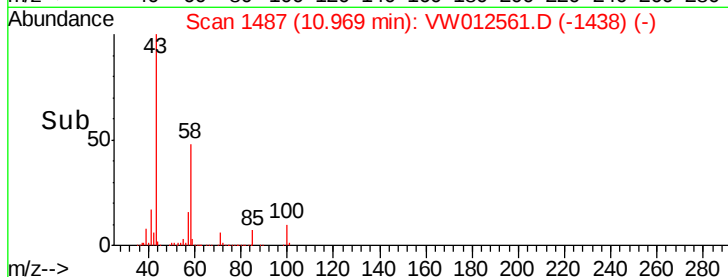
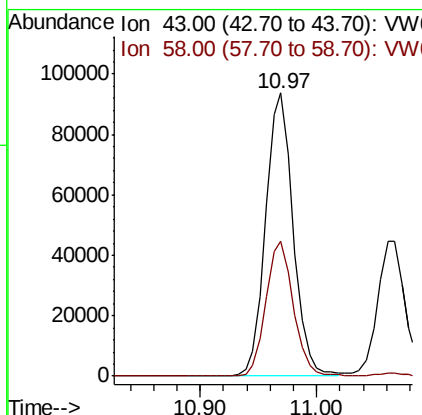
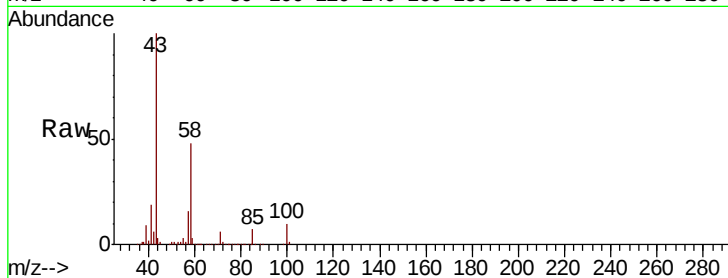




#59
2-Hexanone
Concen: 122.219 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

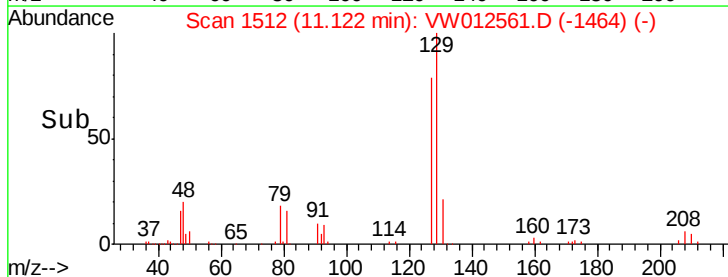
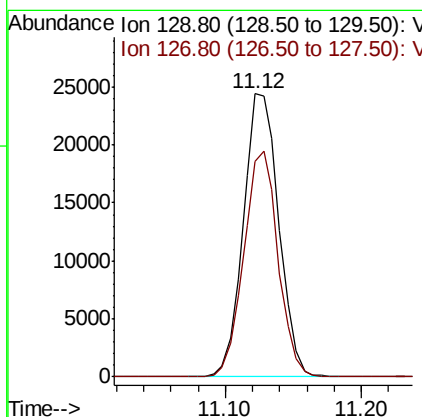
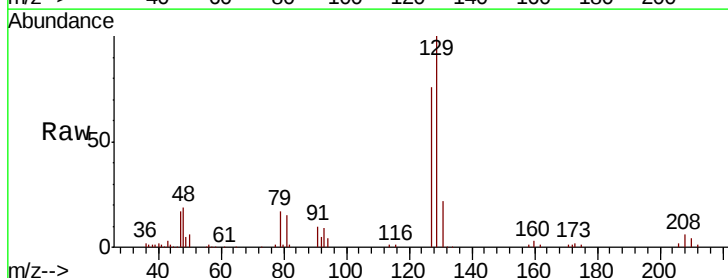
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

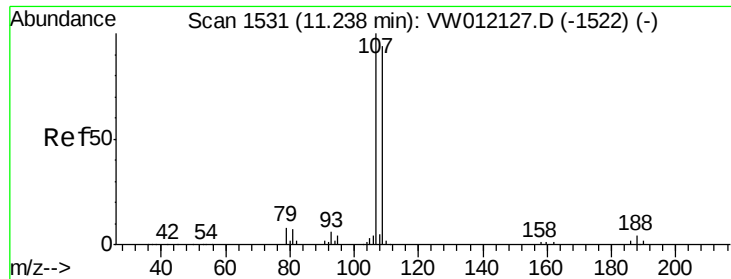
Tgt Ion: 43 Resp: 154135
Ion Ratio Lower Upper
43 100
58 47.6 24.3 72.9



#60
Dibromochloromethane
Concen: 24.991 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion: 129 Resp: 44456
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 24.646 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

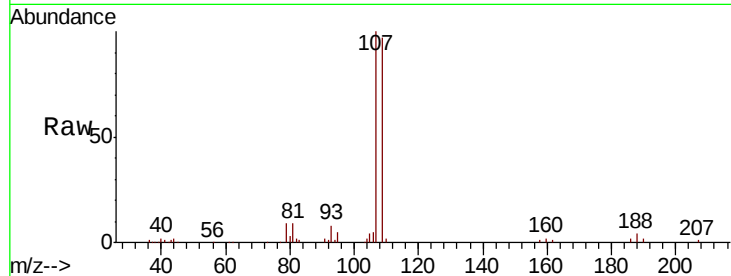
VW0903SBS03

Tgt Ion: 107 Resp: 36671

Ion Ratio Lower Upper

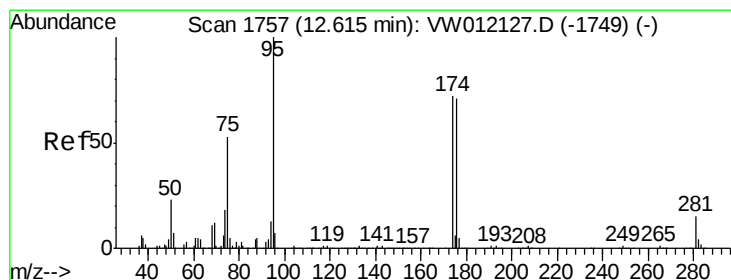
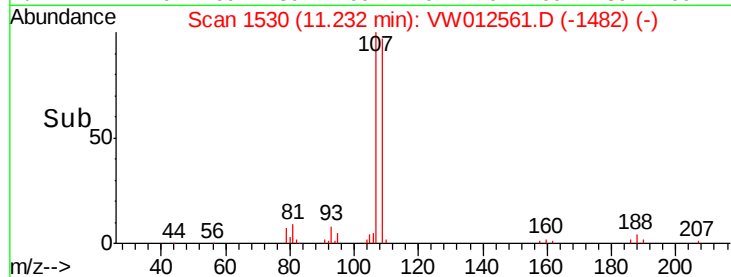
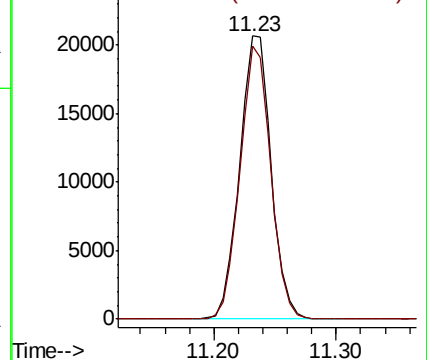
107 100

109 94.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.174 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

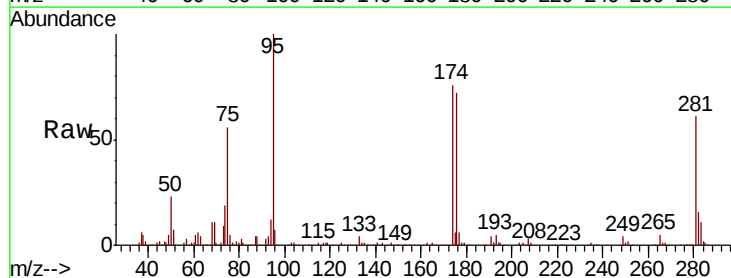
Tgt Ion: 95 Resp: 165805

Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.8

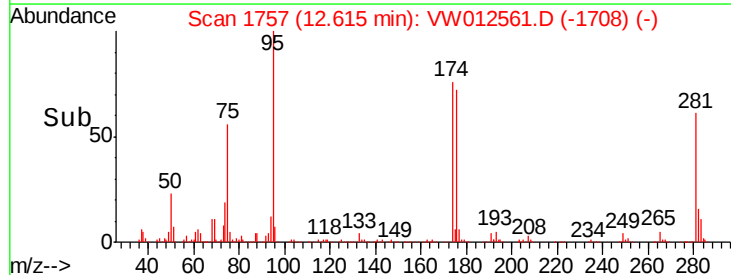
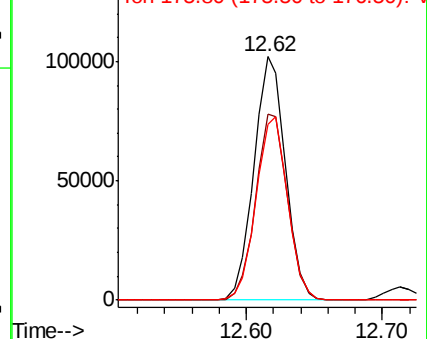
176 75.6 0.0 148.6

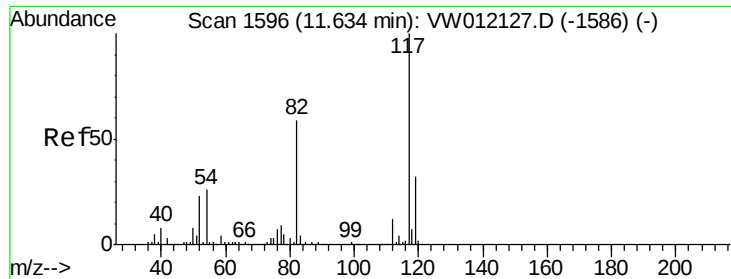


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

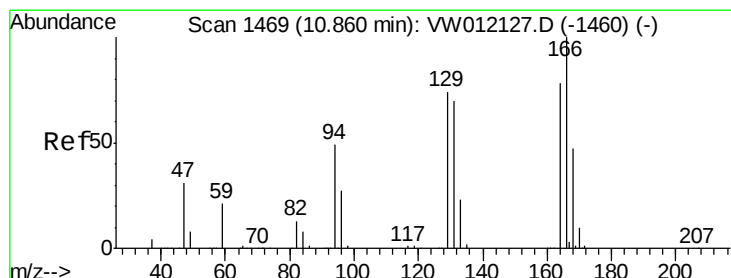
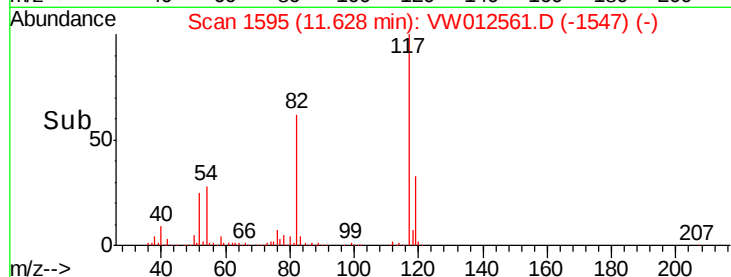
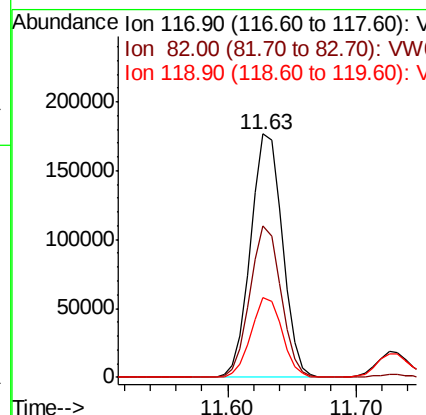
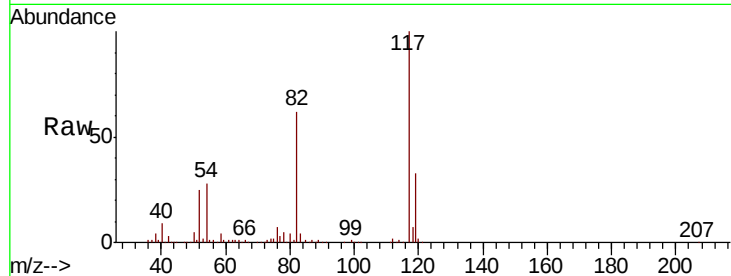




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

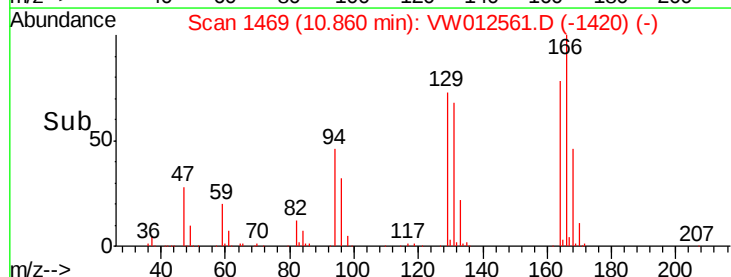
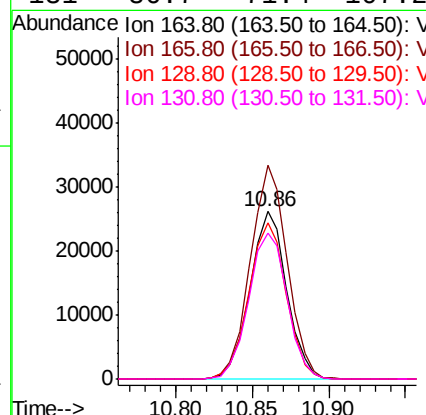
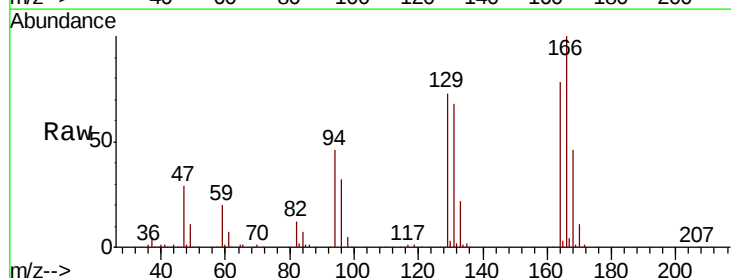
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

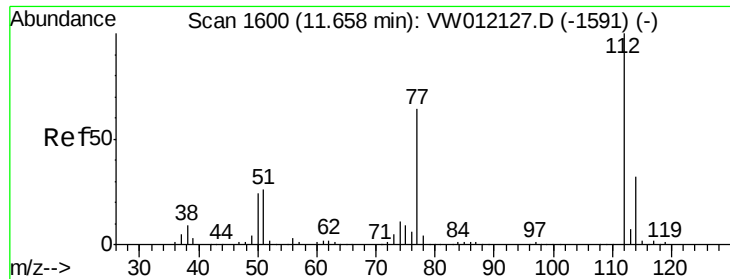
Tgt Ion:117 Resp: 299943
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 33.0 25.4 38.2



#64
Tetrachloroethene
Concen: 22.517 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion:164 Resp: 43787
Ion Ratio Lower Upper
164 100
166 127.4 102.4 153.6
129 93.4 75.8 113.6
131 86.7 71.4 107.2

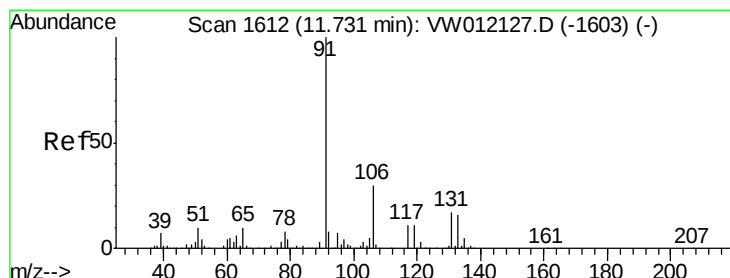
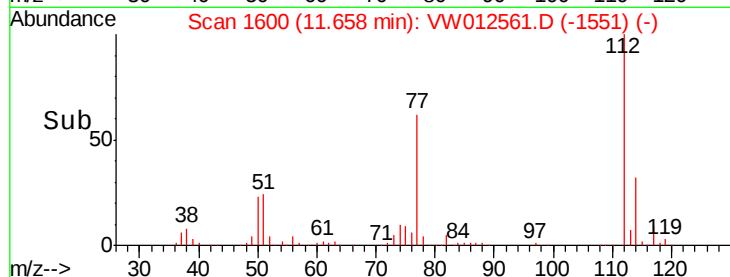
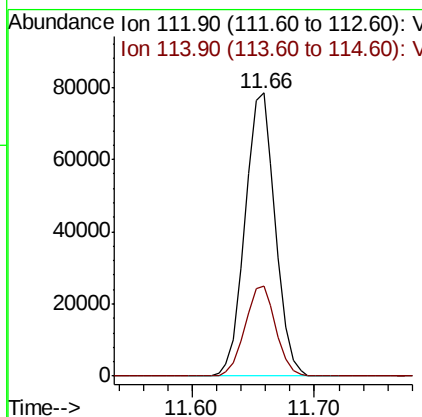
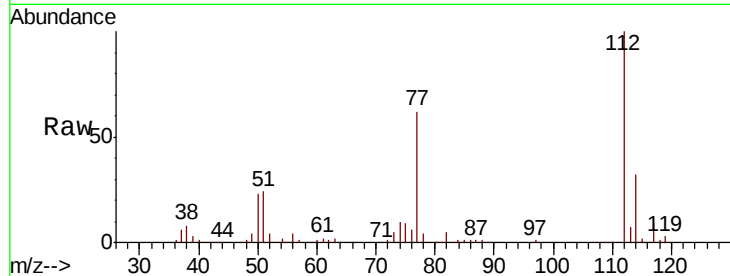




#65
Chlorobenzene
Concen: 22.727 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

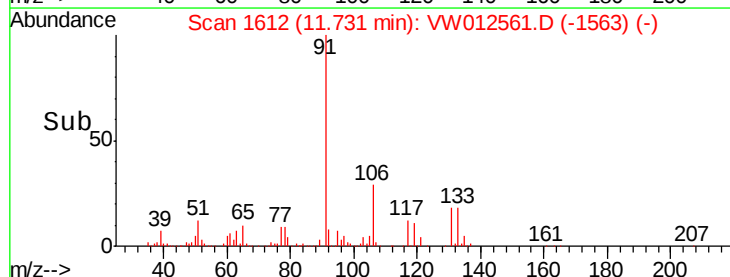
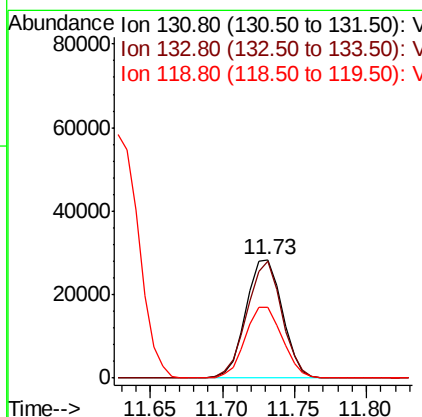
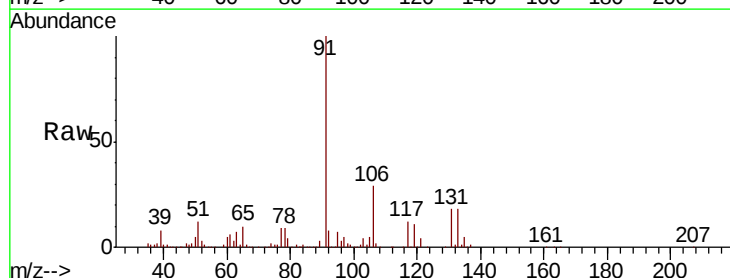
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

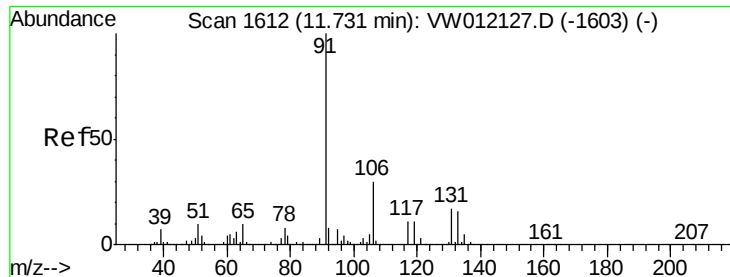
Tgt Ion:112 Resp: 134227
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.125 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion:131 Resp: 49707
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 61.1 31.8 95.3

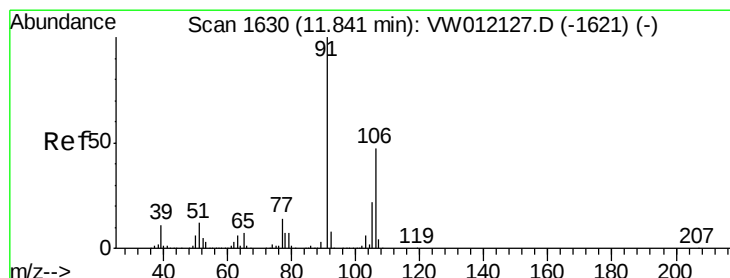
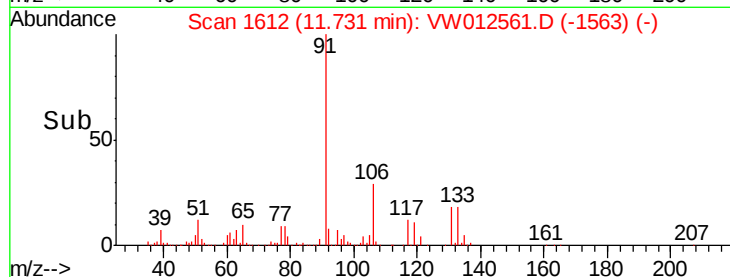
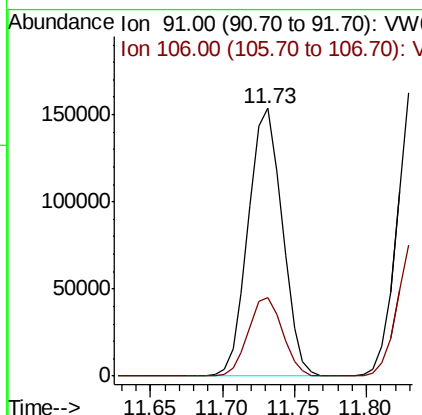
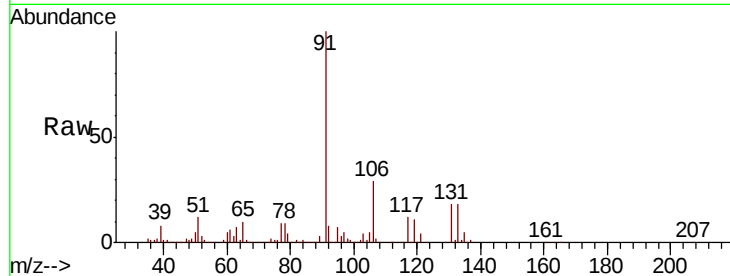




#67
Ethyl Benzene
Concen: 22.120 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

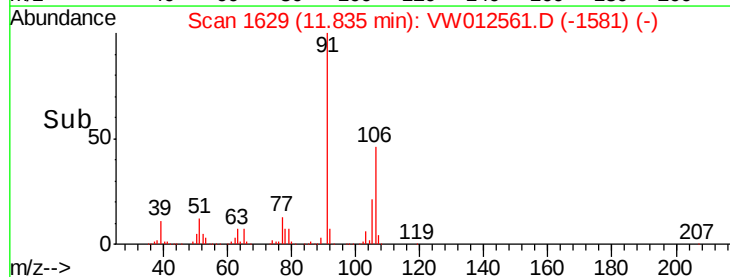
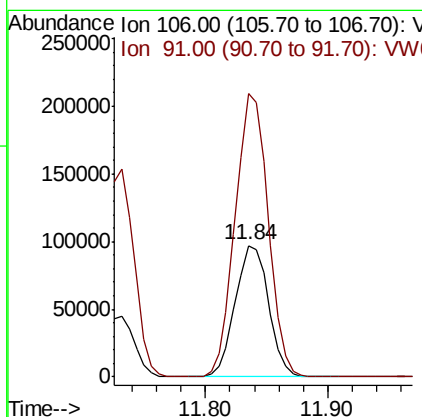
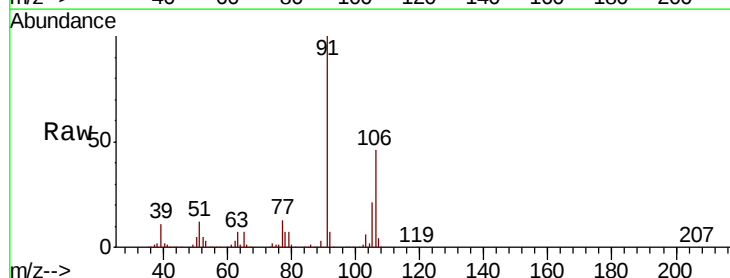
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

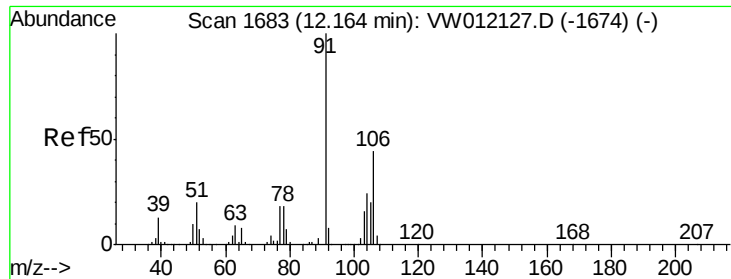
Tgt Ion: 91 Resp: 251664
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5



#68
m/p-Xylenes
Concen: 44.715 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion: 106 Resp: 183252
Ion Ratio Lower Upper
106 100
91 214.0 169.5 254.3

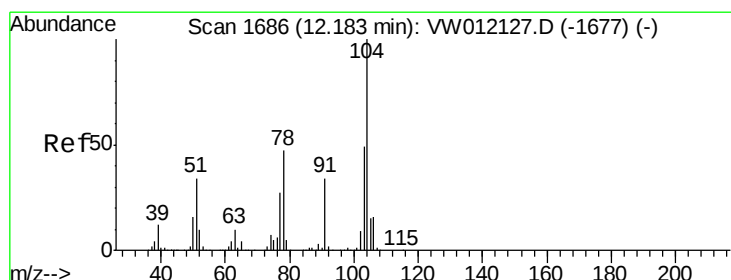
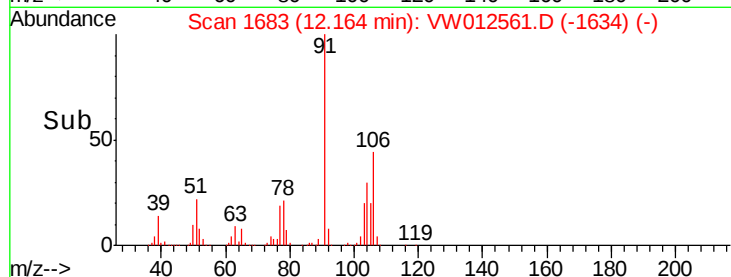
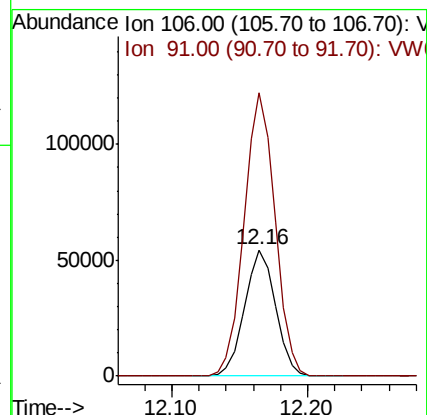
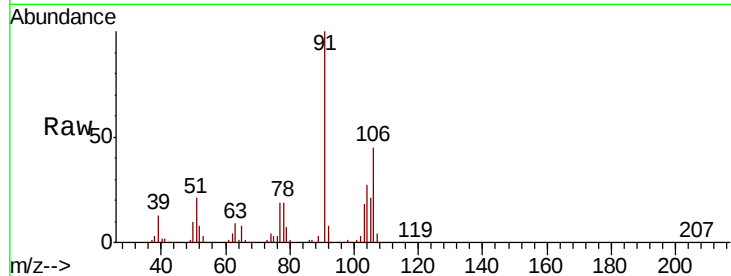




#69
o-Xylene
Concen: 22.823 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

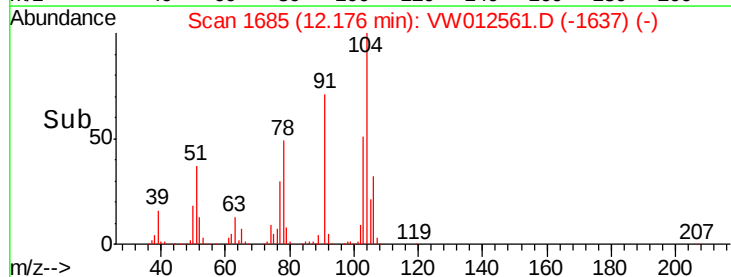
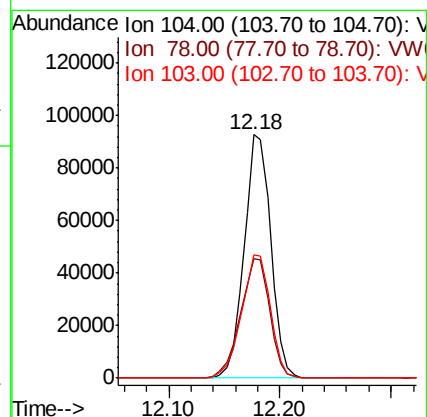
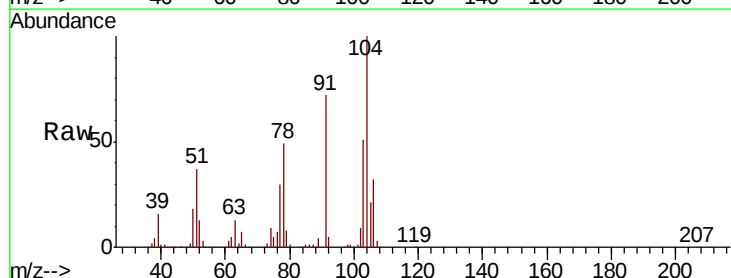
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

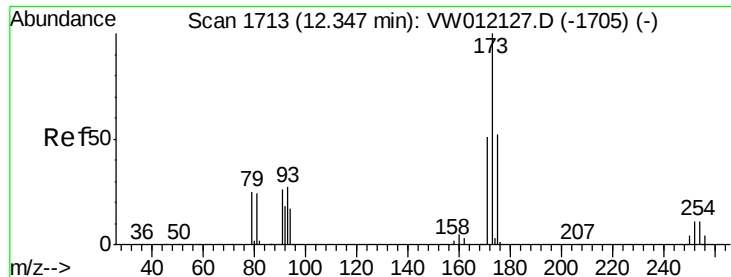
Tgt Ion:106 Resp: 86566
Ion Ratio Lower Upper
106 100
91 224.5 111.6 334.6



#70
Styrene
Concen: 23.423 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion:104 Resp: 153780
Ion Ratio Lower Upper
104 100
78 53.7 43.1 64.7
103 54.8 43.5 65.3

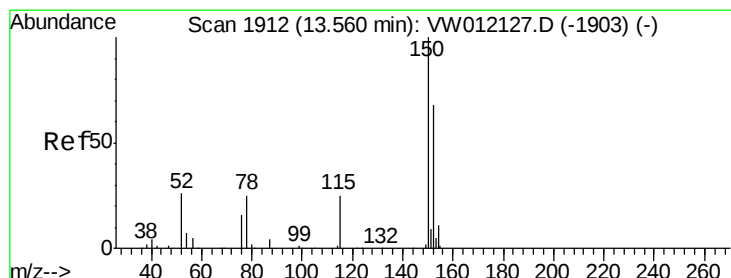
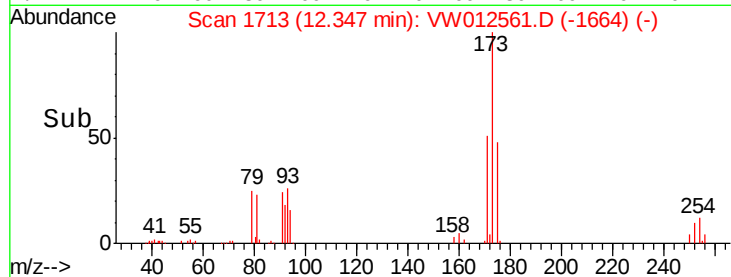
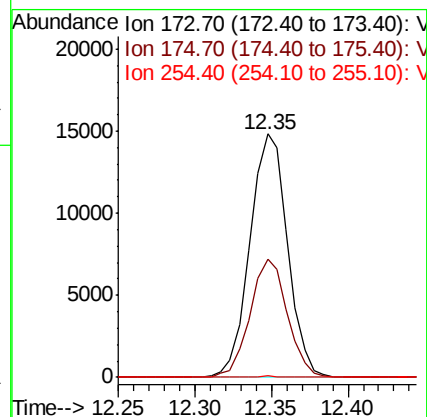
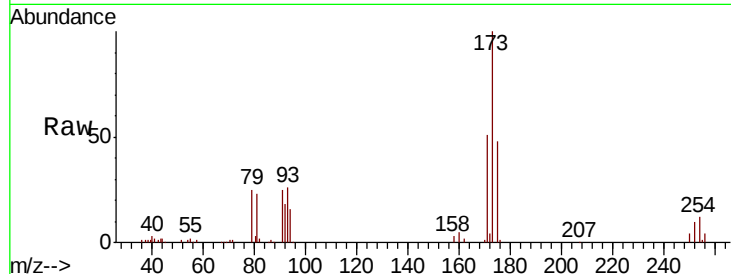




#71
Bromoform
Concen: 24.648 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

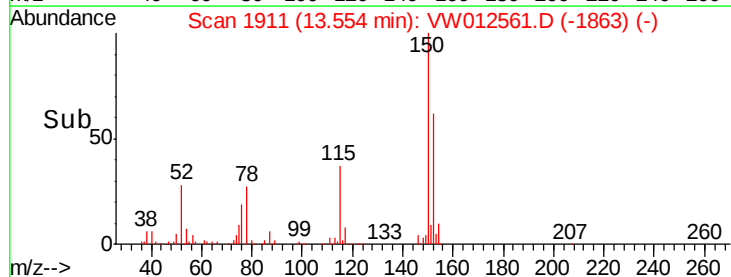
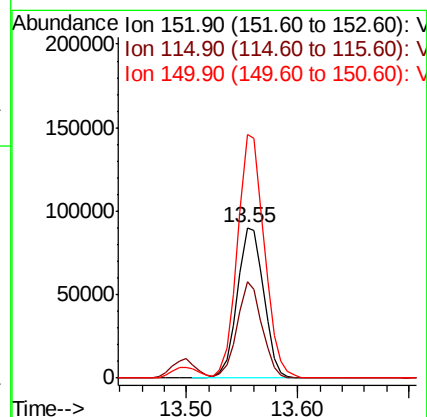
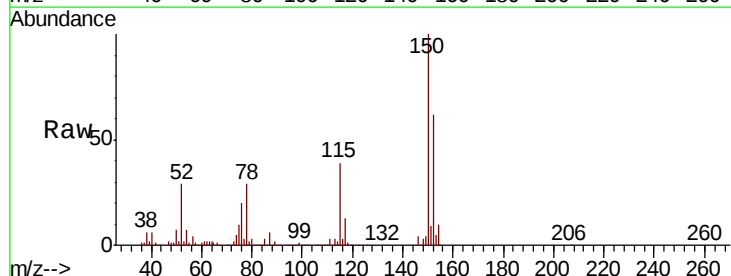
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

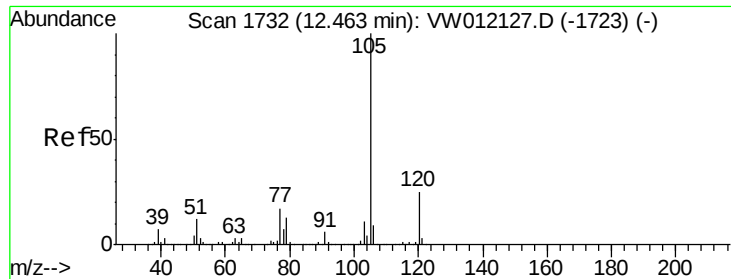
Tgt Ion:173 Resp: 25303
Ion Ratio Lower Upper
173 100
175 48.1 24.6 74.0
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion:152 Resp: 147507
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.3
150 165.5 0.0 345.8





#73

Isopropylbenzene

Concen: 21.997 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

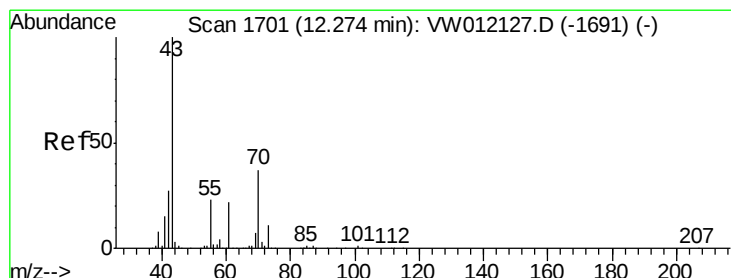
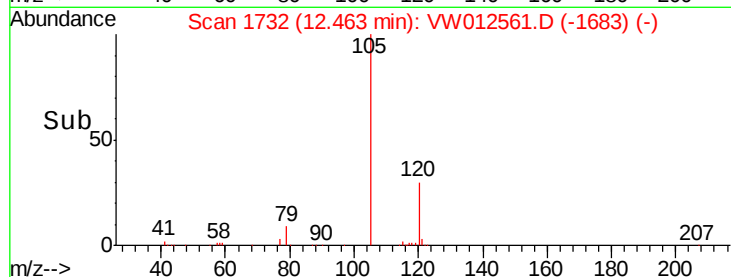
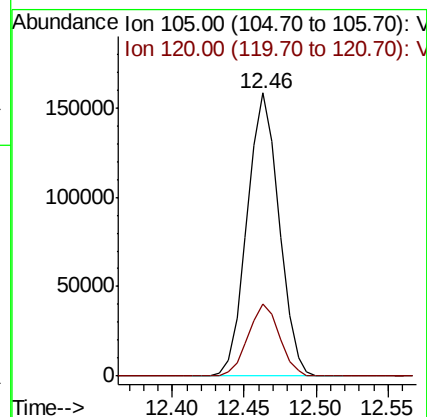
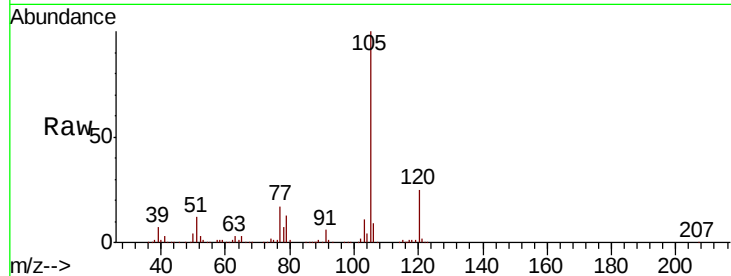
VW0903SBS03

Tgt Ion: 105 Resp: 243131

Ion Ratio Lower Upper

105 100

120 25.1 12.5 37.5



#74

N-ethyl acetate

Concen: 23.294 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Tgt Ion: 43 Resp: 77787

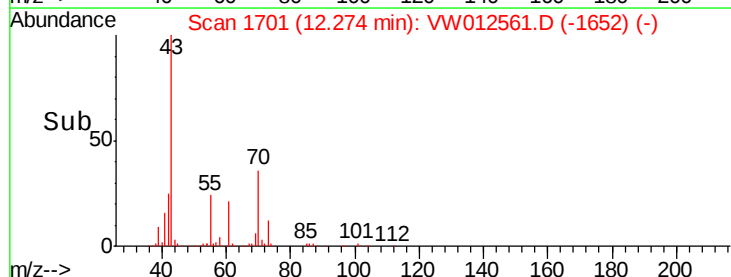
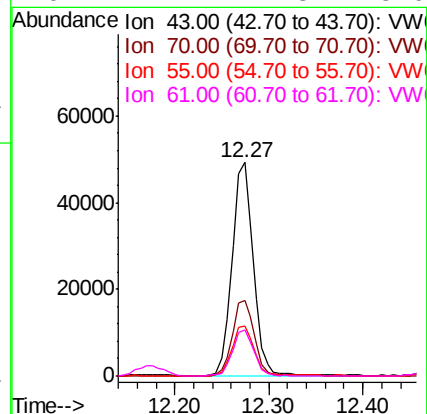
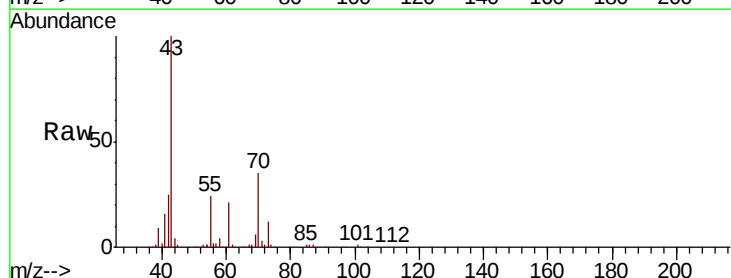
Ion Ratio Lower Upper

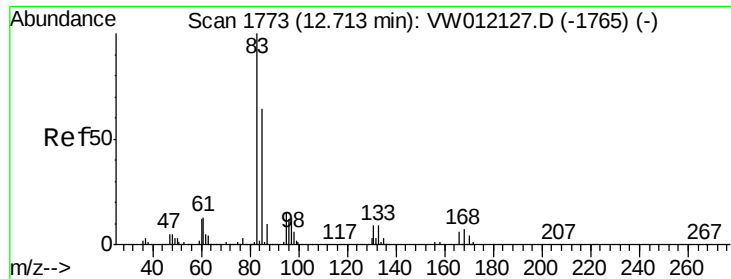
43 100

70 36.2 28.6 43.0

55 24.3 17.8 26.6

61 21.2 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.783 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

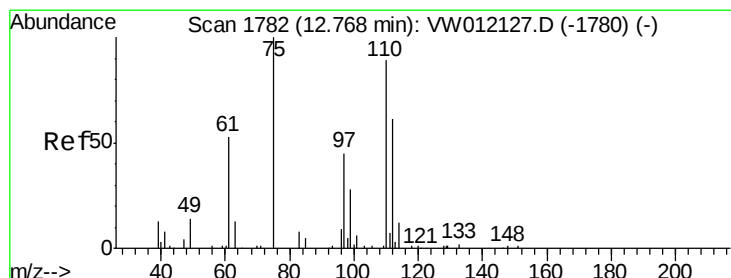
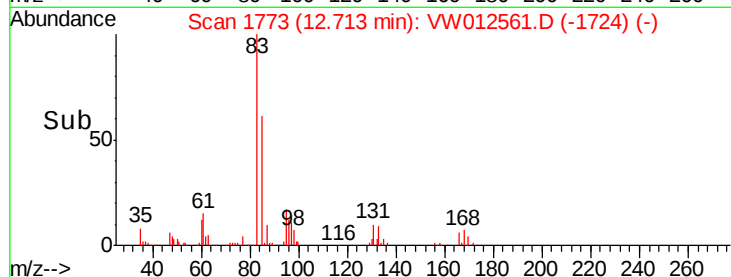
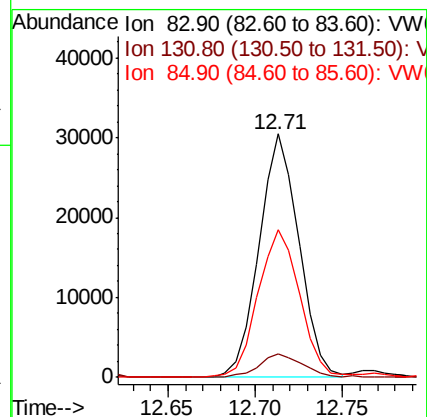
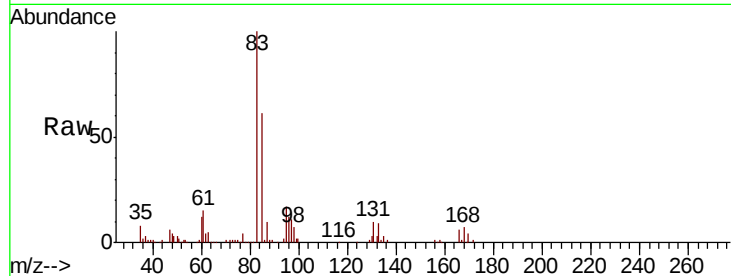
Tgt Ion: 83 Resp: 48193

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 44.851 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012561.D

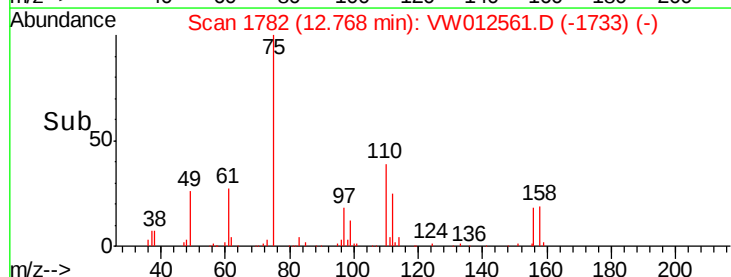
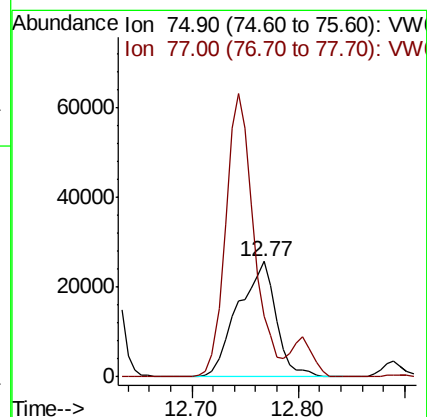
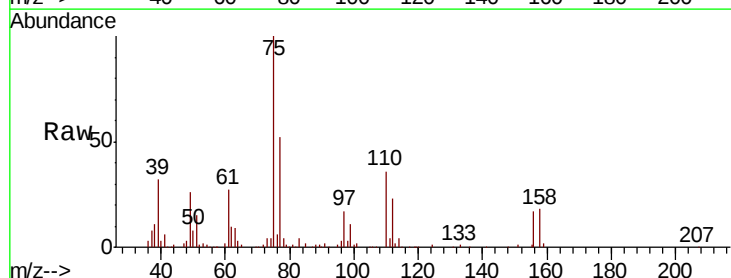
Acq: 03 Sep 2019 22:48

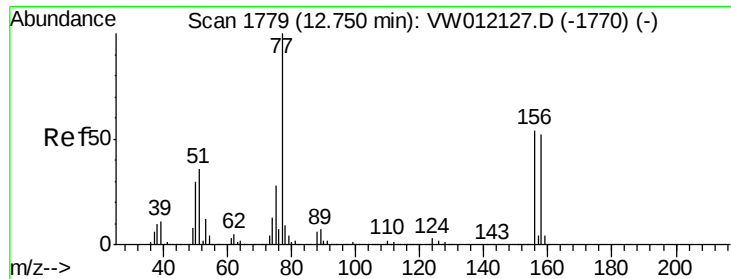
Tgt Ion: 75 Resp: 64433

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.394 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

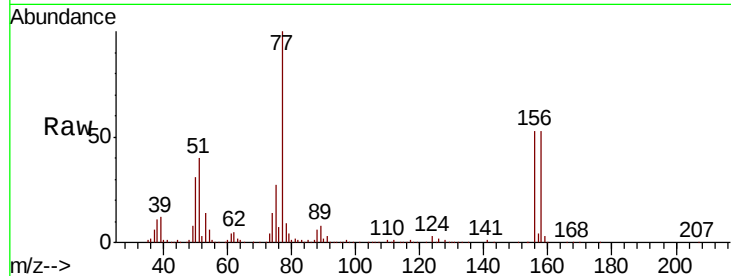
Tgt Ion:156 Resp: 55939

Ion Ratio Lower Upper

156 100

77 209.6 107.3 321.8

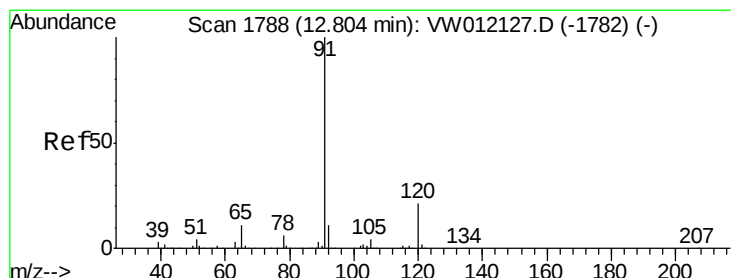
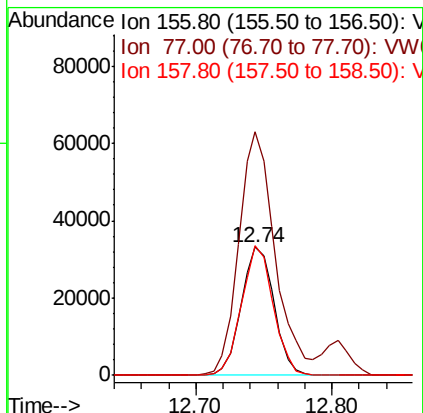
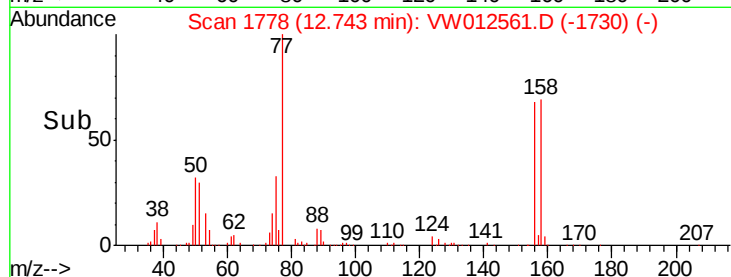
158 97.5 49.0 147.0



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: 21.704 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012561.D

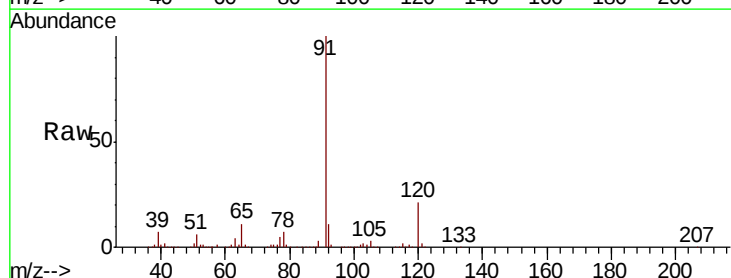
Acq: 03 Sep 2019 22:48

Tgt Ion: 91 Resp: 292859

Ion Ratio Lower Upper

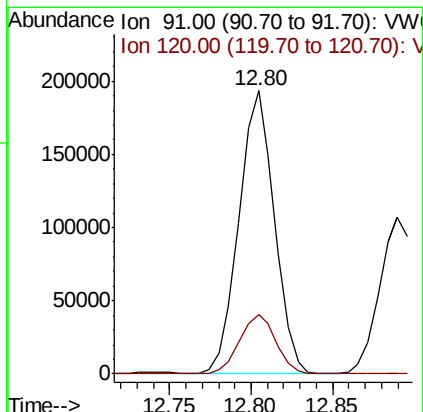
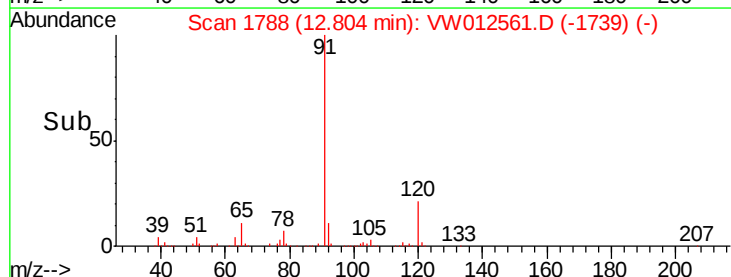
91 100

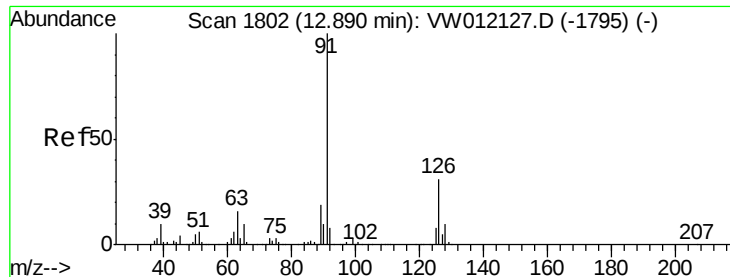
120 21.5 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

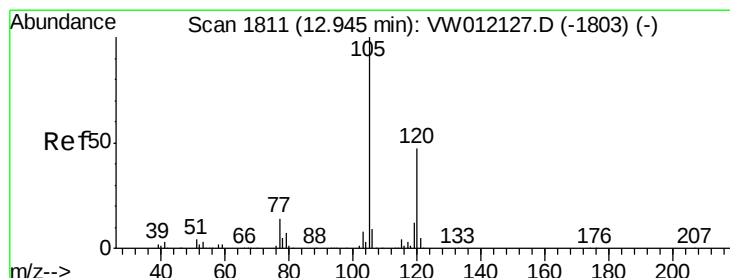
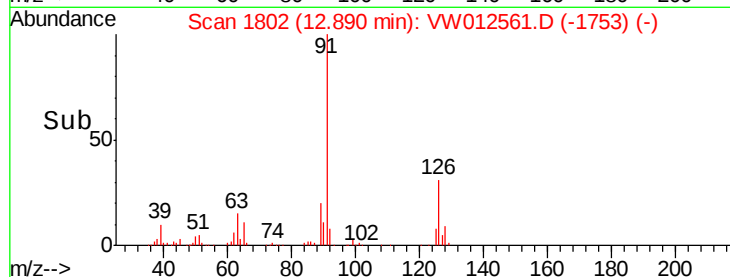
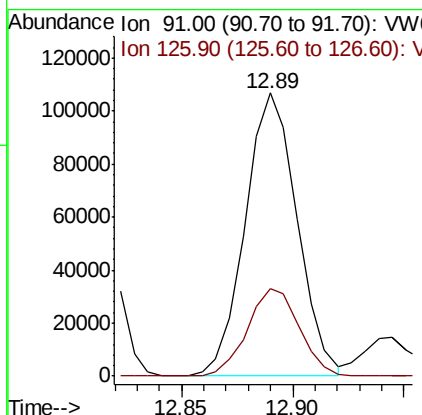
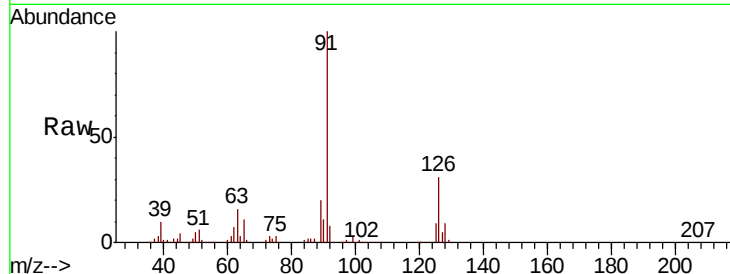




#79
 2-Chlorotoluene
 Concen: 22.470 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

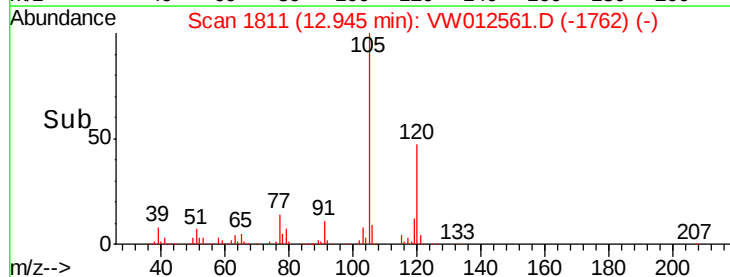
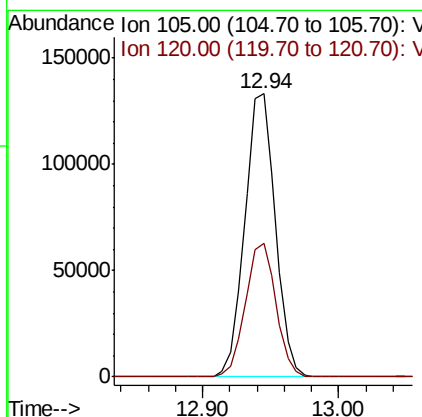
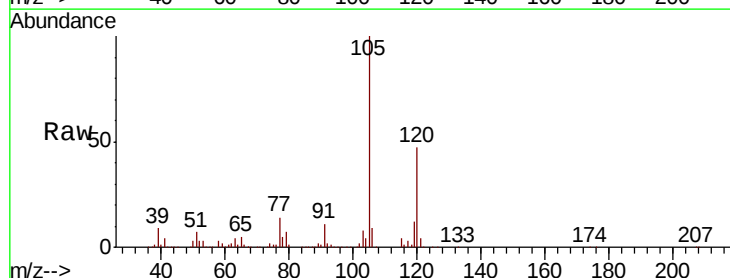
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

Tgt Ion: 91 Resp: 172136
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.624 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion: 105 Resp: 208946
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.977 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

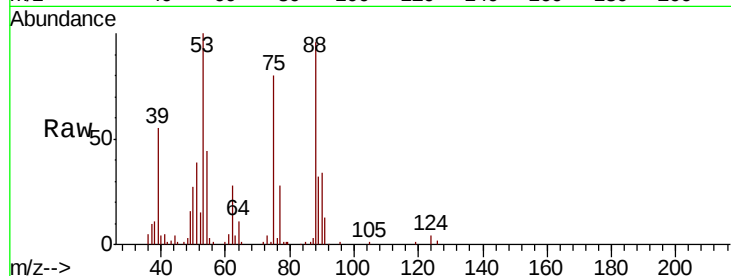
Tgt Ion: 75 Resp: 13745

Ion Ratio Lower Upper

75 100

53 115.7 89.4 134.0

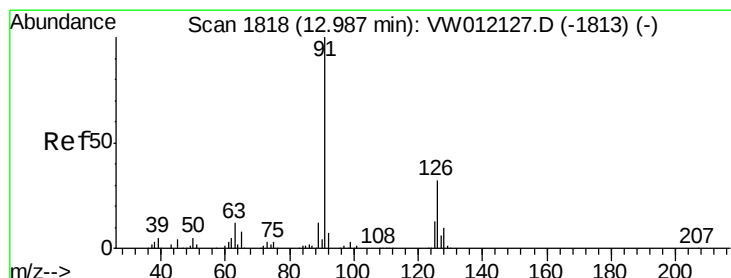
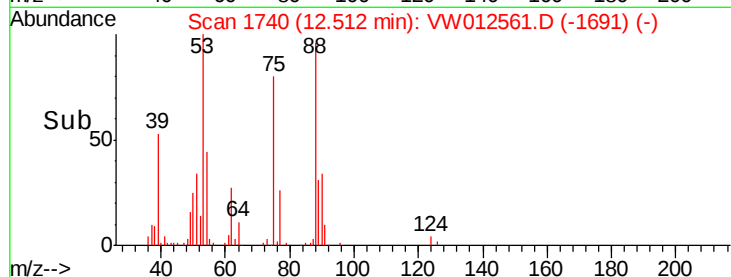
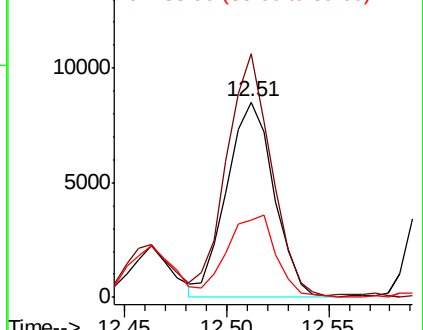
89 43.1 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 22.634 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012561.D

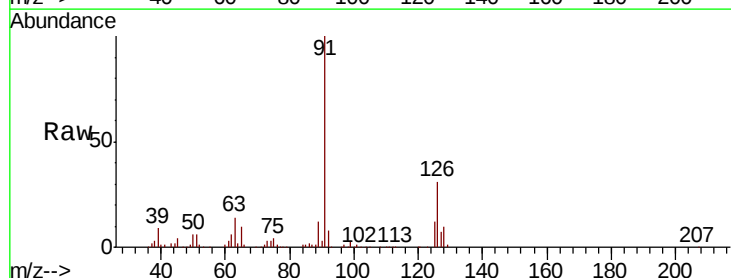
Acq: 03 Sep 2019 22:48

Tgt Ion: 91 Resp: 181557

Ion Ratio Lower Upper

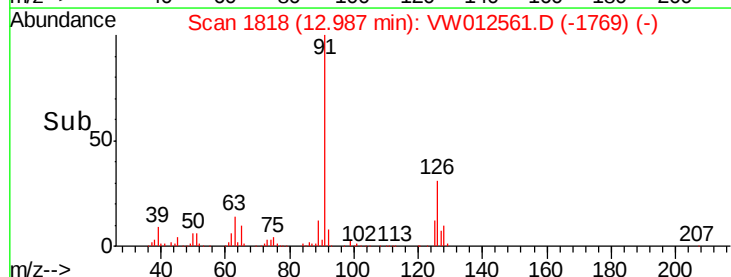
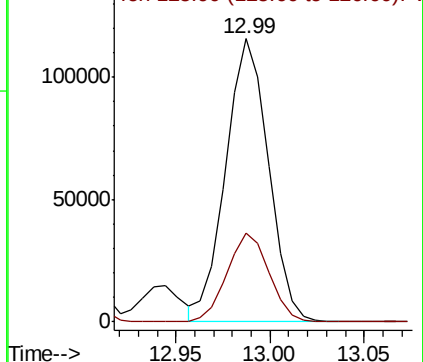
91 100

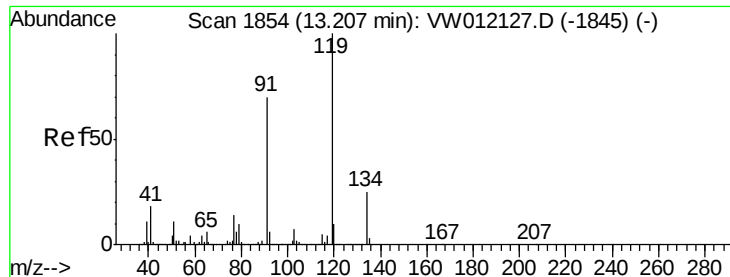
126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW





#83

tert-Butylbenzene

Concen: 22.824 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampled :

VW0903SBS03

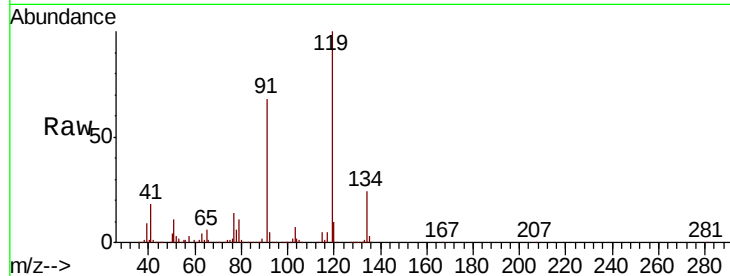
Tgt Ion:119 Resp: 178566

Ion Ratio Lower Upper

119 100

91 68.6 34.8 104.3

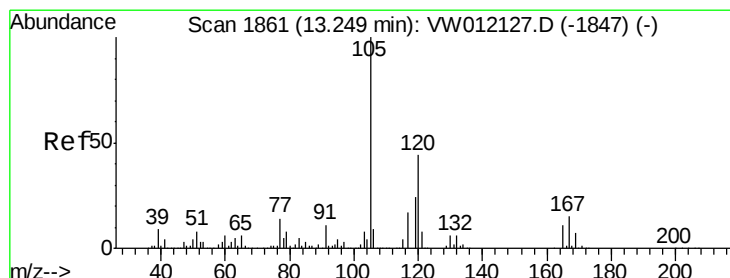
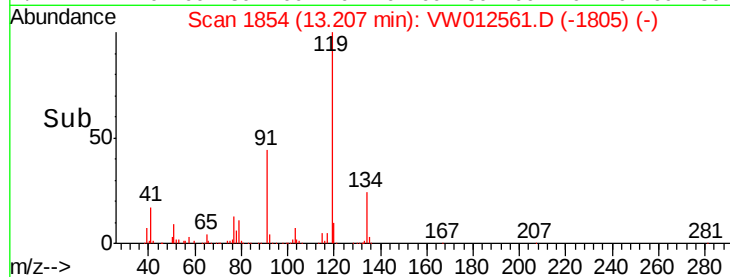
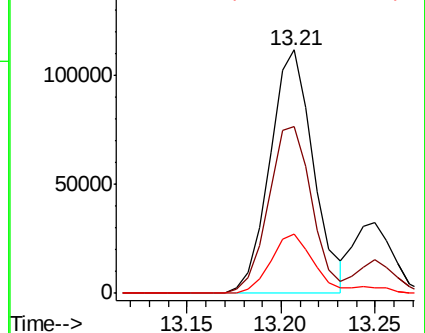
134 24.1 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.678 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW012561.D

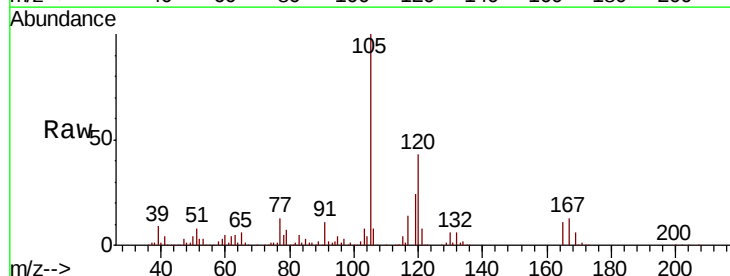
Acq: 03 Sep 2019 22:48

Tgt Ion:105 Resp: 210400

Ion Ratio Lower Upper

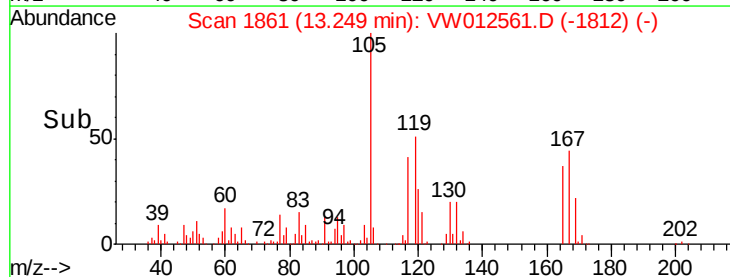
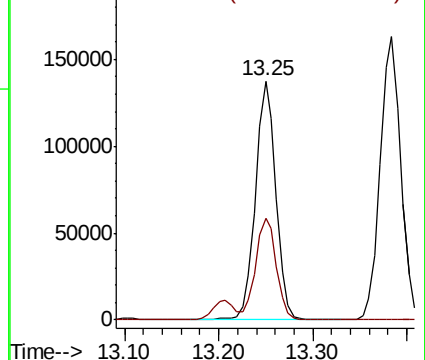
105 100

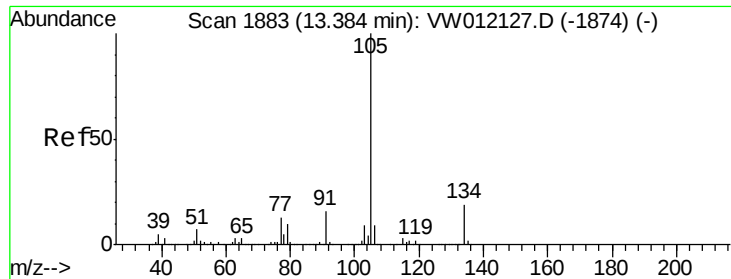
120 42.8 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.021 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

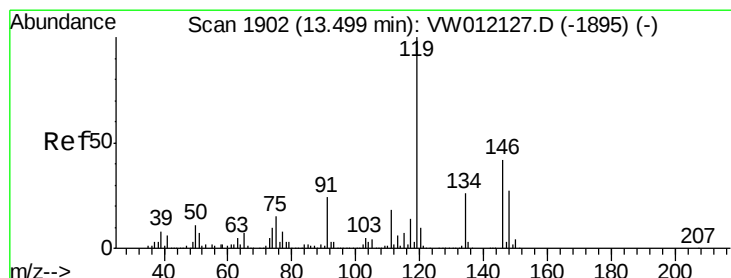
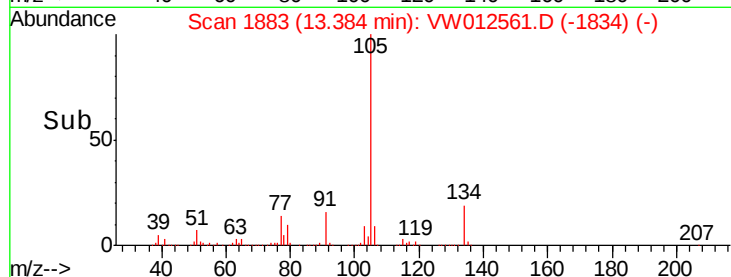
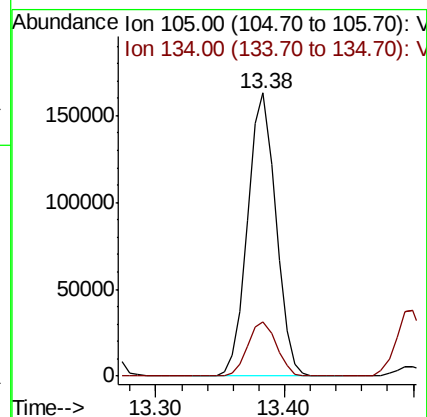
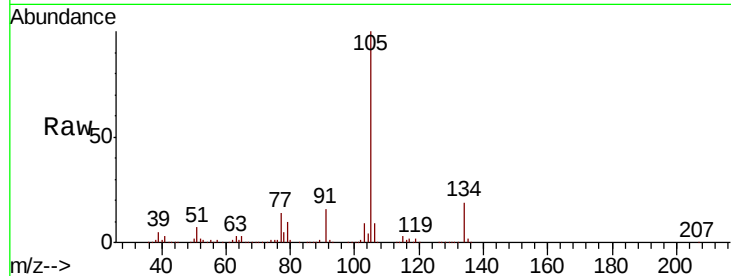
VW0903SBS03

Tgt Ion:105 Resp: 246826

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 22.491 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

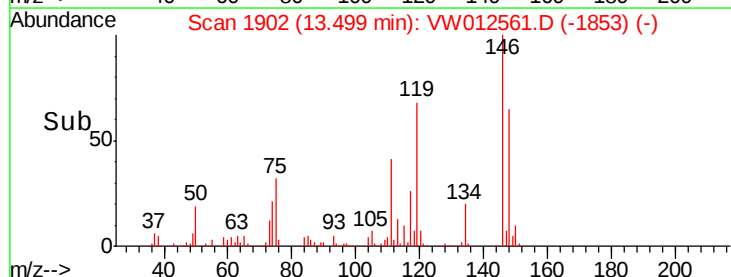
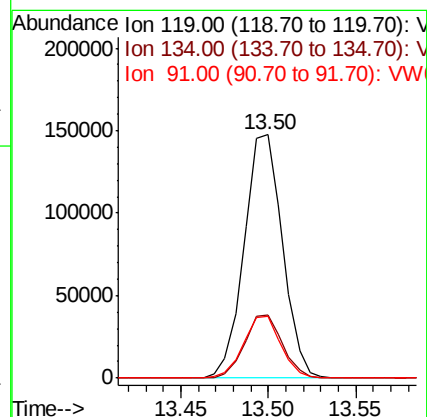
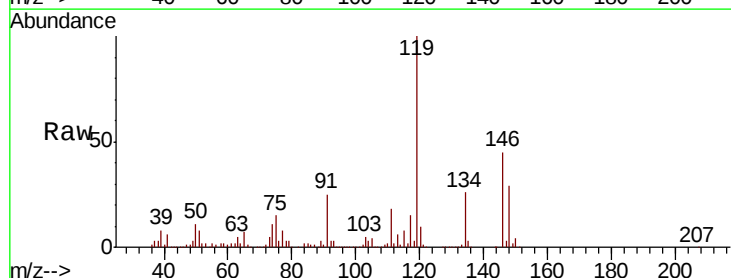
Tgt Ion:119 Resp: 225135

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 24.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 23.256 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

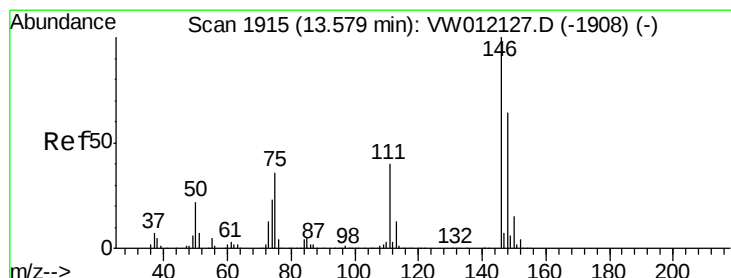
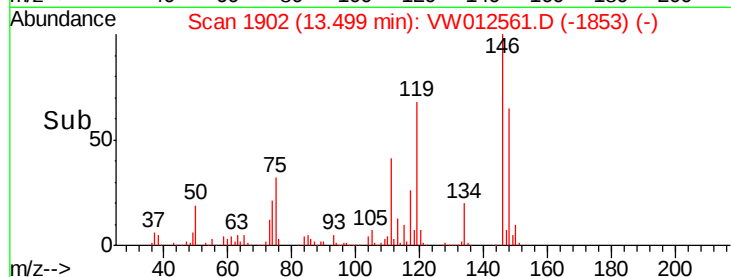
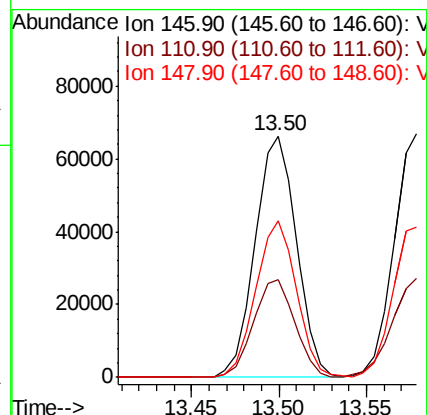
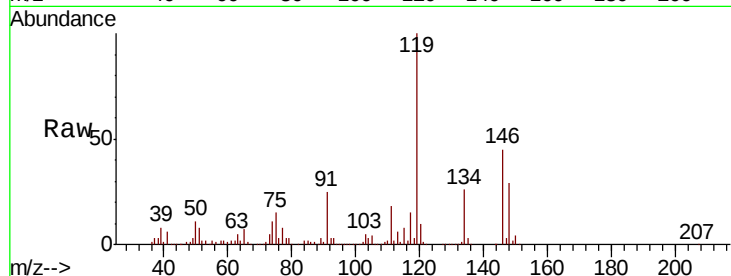
Tgt Ion:146 Resp: 108769

Ion Ratio Lower Upper

146 100

111 40.8 20.9 62.7

148 63.8 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 22.992 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

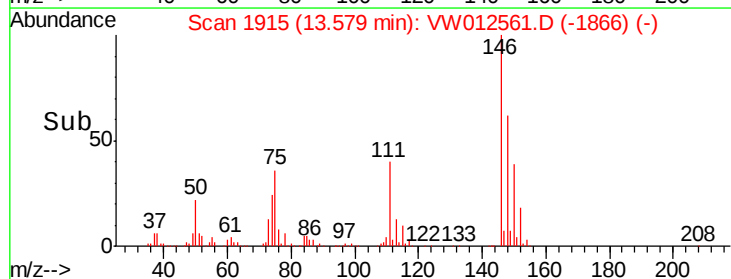
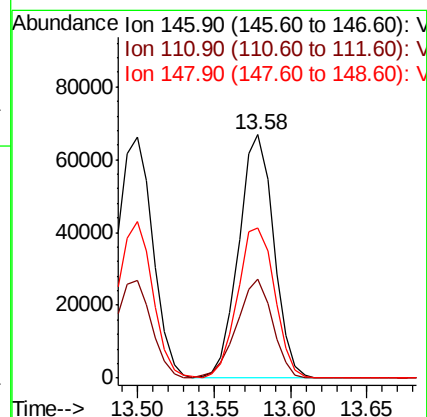
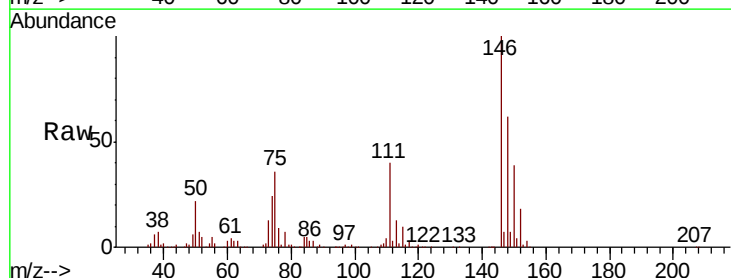
Tgt Ion:146 Resp: 106774

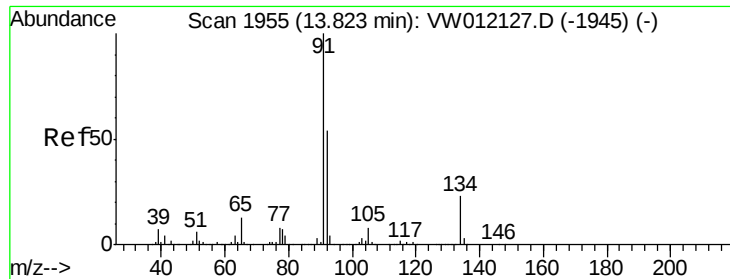
Ion Ratio Lower Upper

146 100

111 41.7 20.0 60.0

148 65.5 32.1 96.3





#89

n-Butylbenzene

Concen: 21.380 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012561.D

Acq: 03 Sep 2019 22:48

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS03

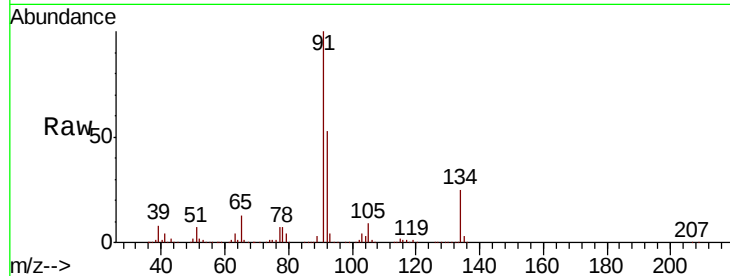
Tgt Ion: 91 Resp: 212822

Ion Ratio Lower Upper

91 100

92 55.0 27.1 81.2

134 24.8 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

13.82

150000

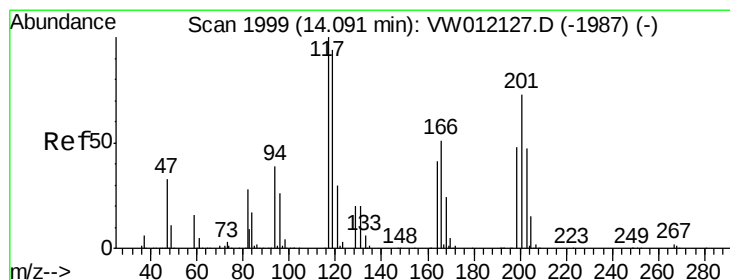
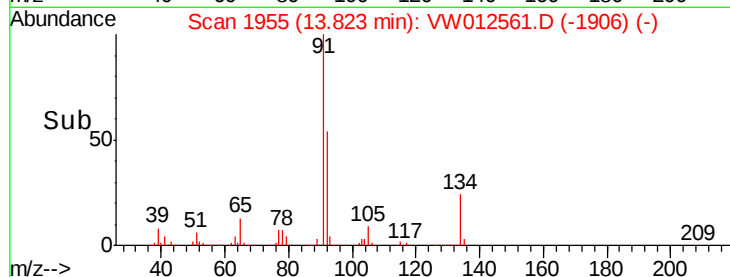
100000

50000

0

13.80 13.90

Time-->



#90

Hexachloroethane

Concen: 22.099 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012561.D

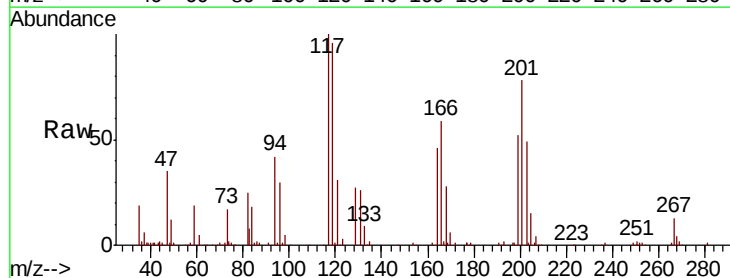
Acq: 03 Sep 2019 22:48

Tgt Ion: 117 Resp: 38810

Ion Ratio Lower Upper

117 100

201 82.8 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.09

25000

20000

15000

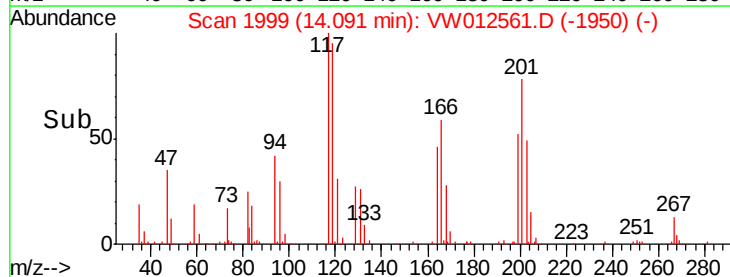
10000

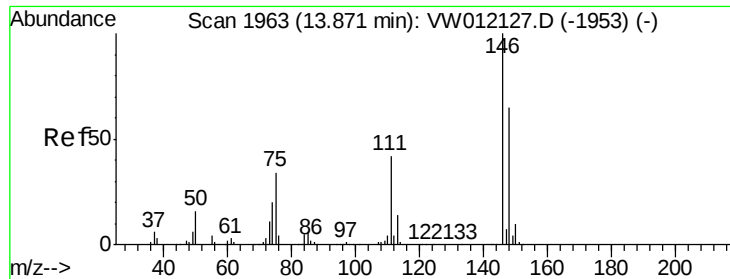
5000

0

14.00 14.05 14.10 14.15

Time-->

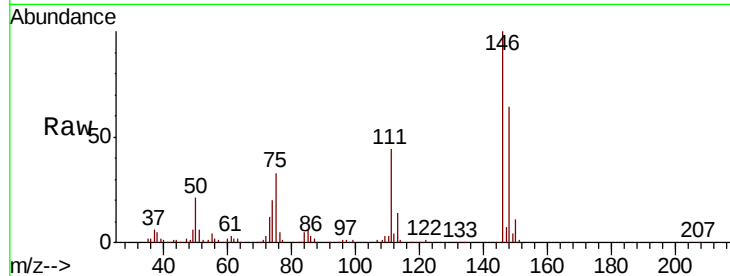




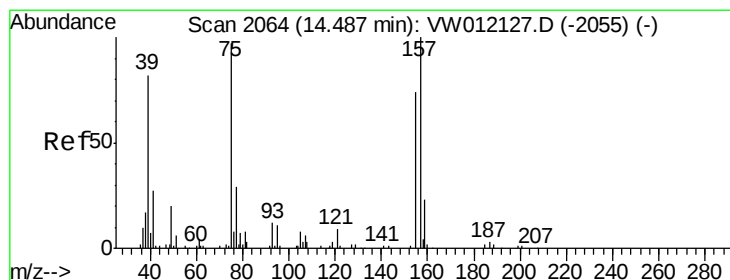
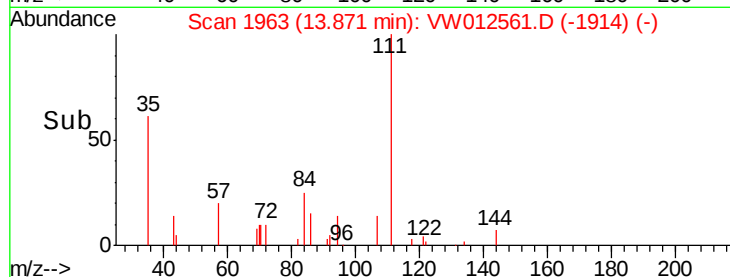
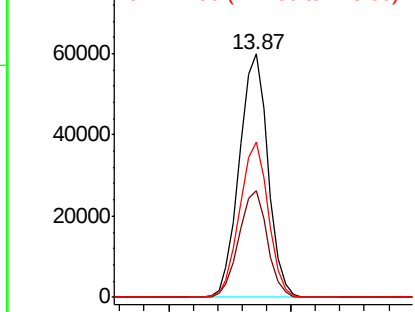
#91
 1,2-Dichlorobenzene
 Concen: 23.716 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

Tgt Ion:146 Resp: 97305
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.2 63.6
 148 63.9 32.5 97.4

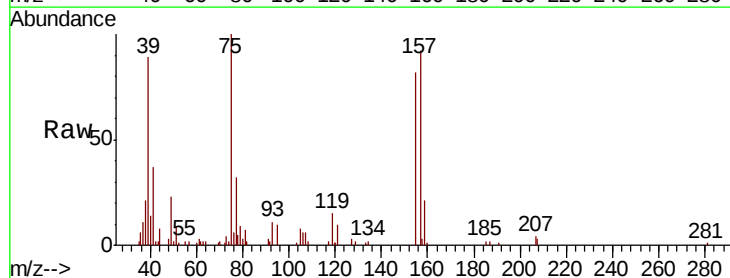


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

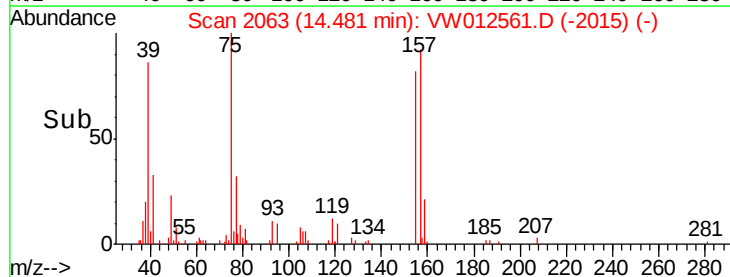
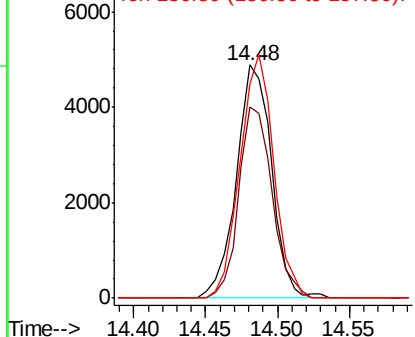


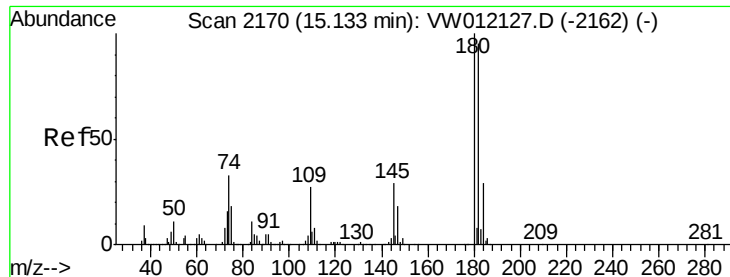
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.297 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion: 75 Resp: 8300
 Ion Ratio Lower Upper
 75 100
 155 77.6 37.5 112.3
 157 99.7 50.5 151.5



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

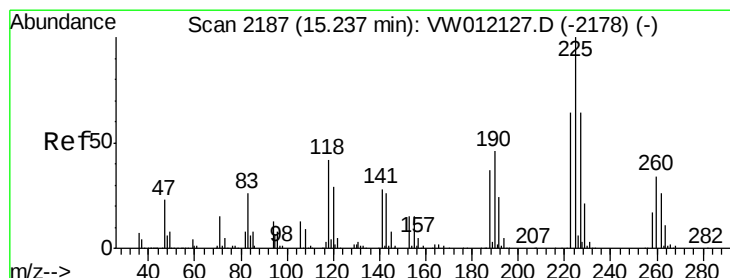
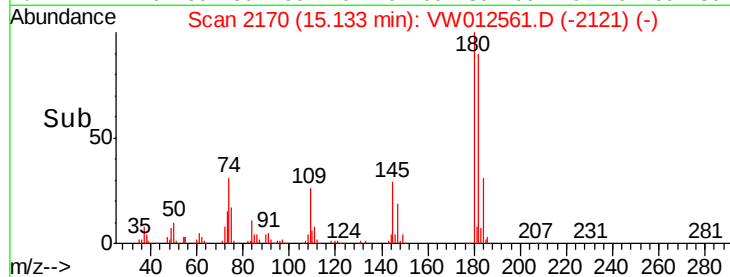
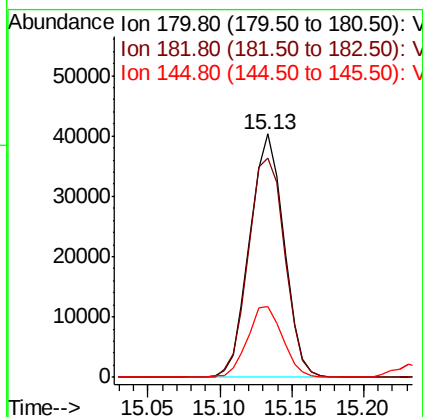
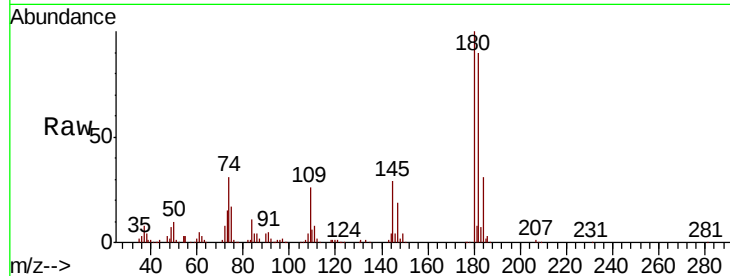




#93
 1,2,4-Trichlorobenzene
 Concen: 23.448 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

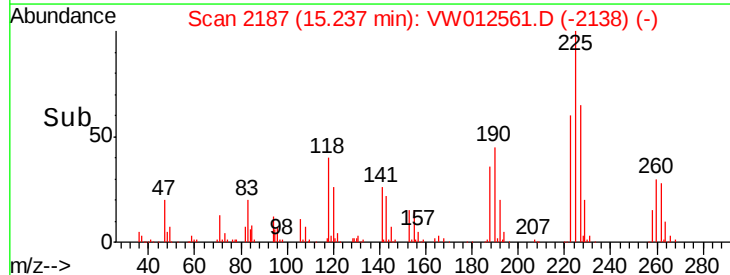
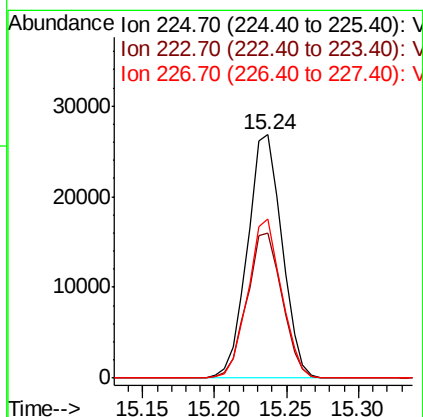
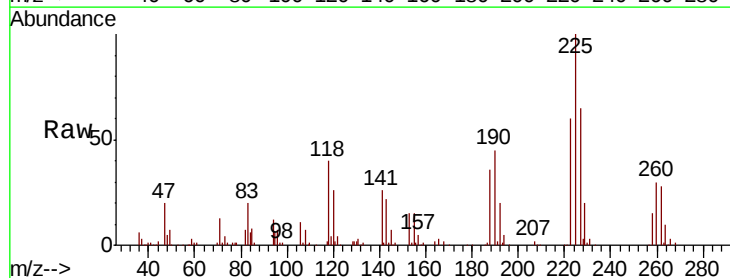
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

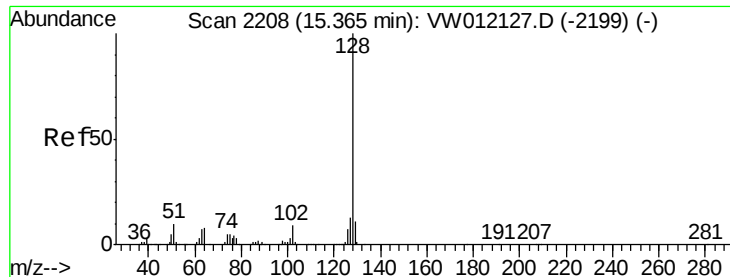
Tgt Ion:180 Resp: 66485
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.4
 145 30.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 23.738 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012561.D
 Acq: 03 Sep 2019 22:48

Tgt Ion:225 Resp: 44443
 Ion Ratio Lower Upper
 225 100
 223 60.6 32.3 96.8
 227 63.8 32.9 98.6

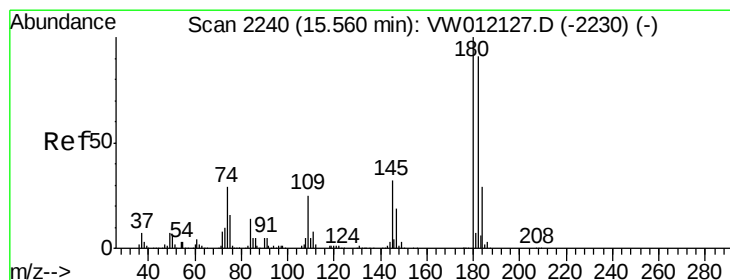
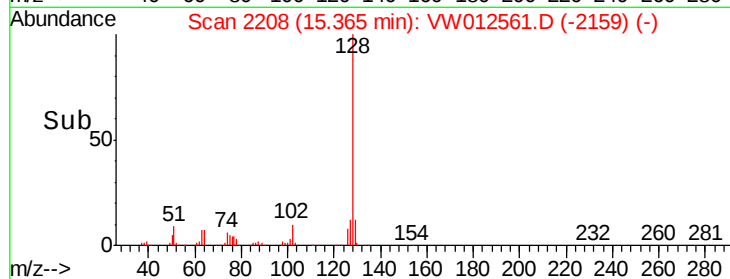
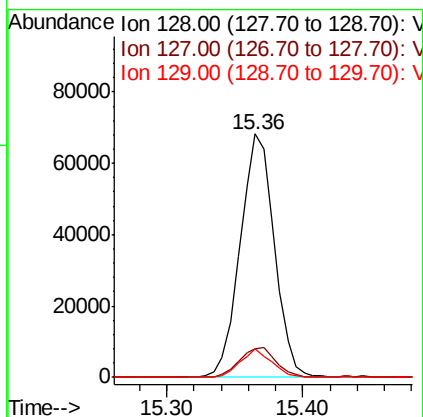
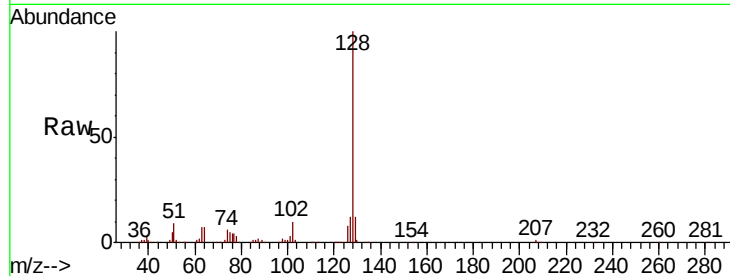




#95
Naphthalene
Concen: 23.994 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS03

Tgt Ion:128 Resp: 119813
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 24.056 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012561.D
Acq: 03 Sep 2019 22:48

Tgt Ion:180 Resp: 59510
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.3
145 32.1 16.2 48.5

