

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
 Data File : VW010808.D
 Acq On : 14 Jun 2019 12:28
 Operator : SY/VA
 Sample : VW0614SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Quant Time: Jun 14 15:55:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152640	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	7.88	113	118607	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	10.32	98	502234	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	181718	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	42823	18.943	ug/l	100
3) Chloromethane	2.21	50	61199	18.401	ug/l	100
4) Vinyl Chloride	2.36	62	56724	18.460	ug/l	98
5) Bromomethane	2.76	94	33995	20.146	ug/l	98
6) Chloroethane	2.91	64	34077	18.475	ug/l	98
7) Trichlorofluoromethane	3.25	101	82673	20.726	ug/l	98
8) Diethyl Ether	3.68	74	26477	18.574	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49949	20.368	ug/l	99
10) Methyl Iodide	4.27	142	33974	16.956	ug/l	97
11) Tert butyl alcohol	5.18	59	29217	124.383	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	46860	19.808	ug/l	96
13) Acrolein	3.90	56	6325	65.895	ug/l	98
14) Allyl chloride	4.67	41	106899	20.494	ug/l	99
15) Acrylonitrile	5.37	53	62193	89.807	ug/l	99
16) Acetone	4.13	43	65295	84.516	ug/l	100
17) Carbon Disulfide	4.37	76	138281	18.414	ug/l	98
18) Methyl Acetate	4.68	43	32277	19.408	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	128021	18.763	ug/l	99
20) Methylene Chloride	4.91	84	54368	20.060	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	53537	19.935	ug/l	98
22) Diisopropyl ether	6.31	45	214213	20.513	ug/l	98
23) Vinyl Acetate	6.25	43	605766	96.119	ug/l	100
24) 1,1-Dichloroethane	6.22	63	106911	20.429	ug/l	98
25) 2-Butanone	7.17	43	97965	91.447	ug/l	99
26) 2,2-Dichloropropane	7.17	77	95636	22.457	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	58933	19.941	ug/l	94
28) Bromochloromethane	7.51	49	46569	19.939	ug/l	94
29) Tetrahydrofuran	7.53	42	59415	88.175	ug/l	98
30) Chloroform	7.67	83	98582	20.595	ug/l	96
31) Cyclohexane	7.95	56	116103	19.957	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	87119	20.835	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83252	20.378	ug/l	100
37) Ethyl Acetate	7.26	43	41731	18.433	ug/l	100
38) Carbon Tetrachloride	8.07	117	73028	20.707	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102950	19.823	ug/l	97
40) Benzene	8.32	78	226038	20.281	ug/l	98
41) Methacrylonitrile	7.48	41	24621	18.296	ug/l	99
42) 1,2-Dichloroethane	8.40	62	70927	20.051	ug/l	100
43) Isopropyl Acetate	8.42	43	80170	18.330	ug/l	99
44) Trichloroethene	9.09	130	54552	19.842	ug/l	100
45) 1,2-Dichloropropane	9.37	63	59770	20.259	ug/l	98
46) Dibromomethane	9.46	93	26118	19.059	ug/l	97
47) Bromodichloromethane	9.65	83	70496	19.846	ug/l	93
48) Methyl methacrylate	9.43	41	38256	18.141	ug/l	96
49) 1,4-Dioxane	9.46	88	6408	299.092	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	201485	90.173	ug/l	99
52) Toluene	10.39	92	137549	20.058	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	72382	19.238	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	88750	20.046	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37666	19.080	ug/l	99
56) Ethyl methacrylate	10.65	69	53782	17.705	ug/l	93
57) 1,3-Dichloropropane	10.93	76	71465	19.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	152636	95.933	ug/l	99
59) 2-Hexanone	10.97	43	141634	87.706	ug/l	98
60) Dibromochloromethane	11.13	129	41335	18.888	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35027	18.727	ug/l	98
64) Tetrachloroethene	10.86	164	45401	19.523	ug/l	97
65) Chlorobenzene	11.66	112	138893	20.166	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47671	19.994	ug/l	99
67) Ethyl Benzene	11.73	91	269580	20.366	ug/l	100
68) m/p-Xylenes	11.84	106	191465	40.407	ug/l	99
69) o-Xylene	12.16	106	89514	19.918	ug/l	97
70) Styrene	12.18	104	153660	19.683	ug/l	99
71) Bromoform	12.35	173	22289	18.076	ug/l #	99
73) Isopropylbenzene	12.46	105	255080	20.639	ug/l	100
74) N-amyl acetate	12.27	43	73589	18.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	44450	18.892	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	58178	33.685	ug/l #	100
77) Bromobenzene	12.75	156	54093	20.051	ug/l	98
78) n-propylbenzene	12.80	91	307321	20.622	ug/l	100
79) 2-Chlorotoluene	12.90	91	175842	20.653	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	207785	20.540	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12961	17.248	ug/l	92
82) 4-Chlorotoluene	12.99	91	182241	20.742	ug/l	98
83) tert-Butylbenzene	13.21	119	177972	20.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	207232	20.357	ug/l	100
85) sec-Butylbenzene	13.38	105	256148	20.492	ug/l	100
86) p-Isopropyltoluene	13.50	119	227100	20.317	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105650	20.307	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	104968	20.352	ug/l	98
89) n-Butylbenzene	13.83	91	230729	20.688	ug/l	99
90) Hexachloroethane	14.10	117	40465	20.214	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	91977	19.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7235	17.907	ug/l	93

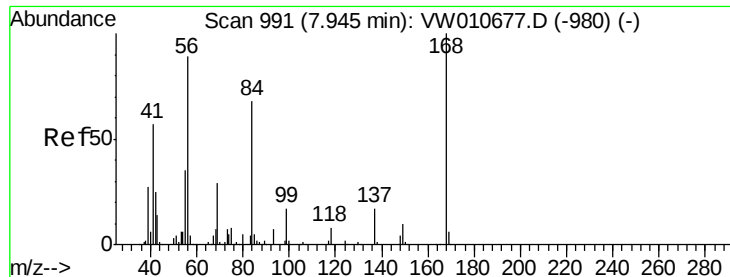
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	63704	19.403	ug/l	99
94) Hexachlorobutadiene	15.24	225	42173	20.467	ug/l	97
95) Naphthalene	15.37	128	103654	17.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	53342	19.104	ug/l	98

(#) = 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: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

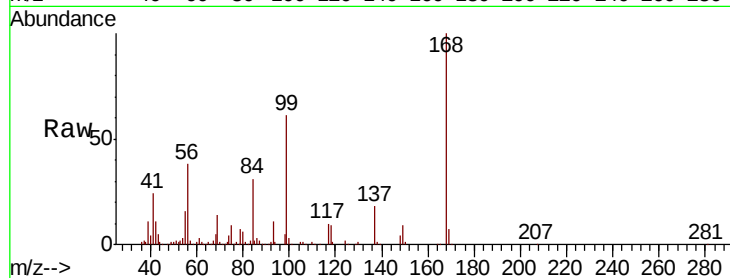
VW0614SBS01

Tgt Ion:168 Resp: 244623

Ion Ratio Lower Upper

168 100

99 61.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

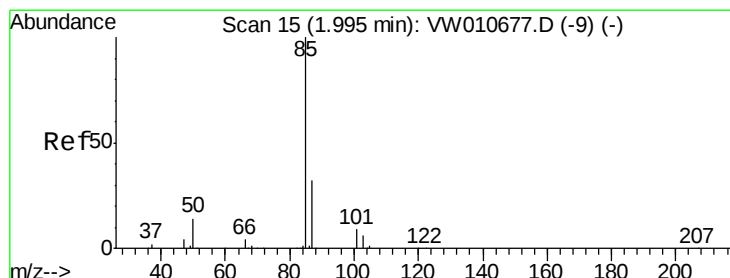
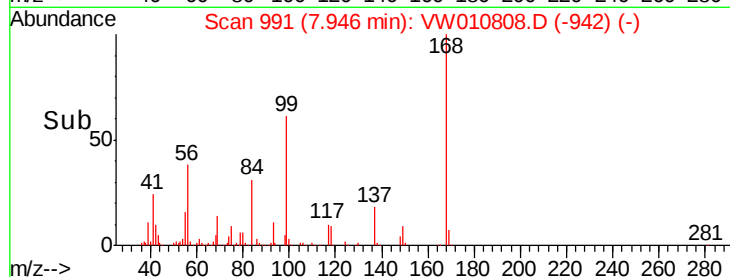
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 18.943 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW010808.D

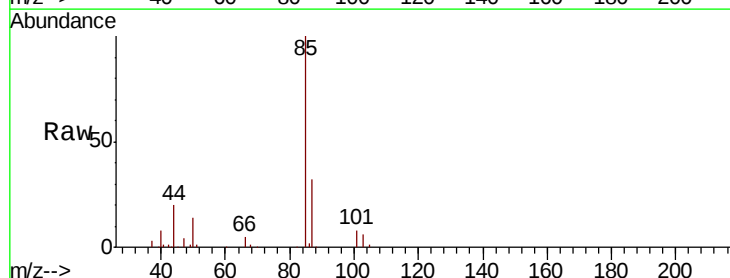
Acq: 14 Jun 2019 12:28

Tgt Ion: 85 Resp: 42823

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

25000

20000

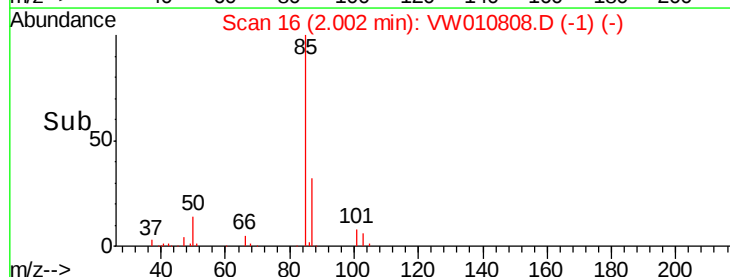
15000

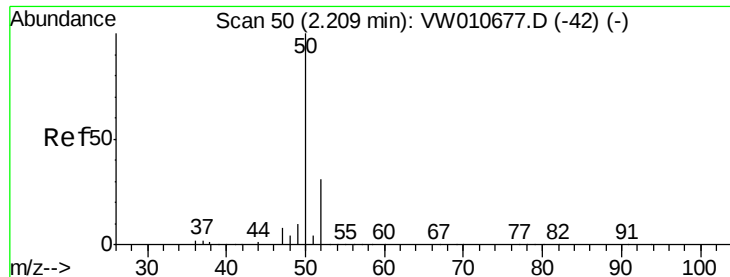
10000

5000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 18.401 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

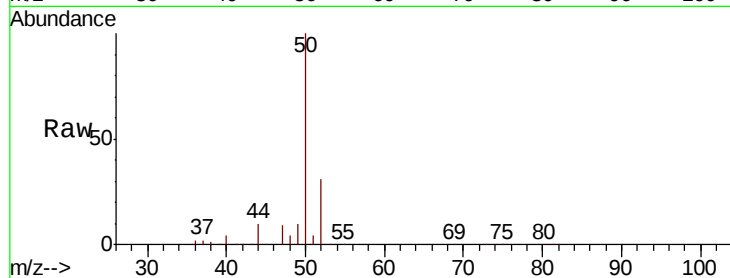
VW0614SBS01

Tgt Ion: 50 Resp: 61199

Ion Ratio Lower Upper

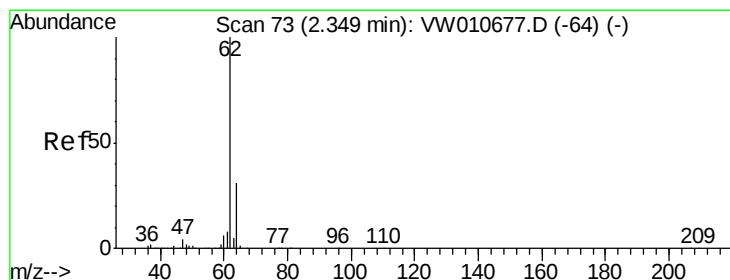
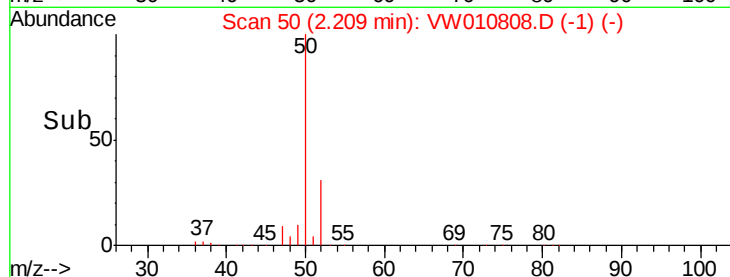
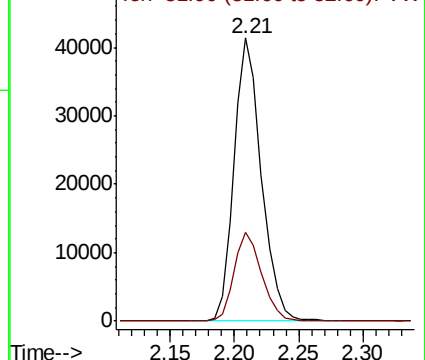
50 100

52 31.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 18.460 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010808.D

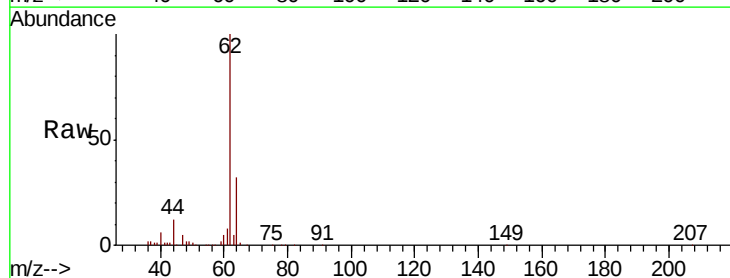
Acq: 14 Jun 2019 12:28

Tgt Ion: 62 Resp: 56724

Ion Ratio Lower Upper

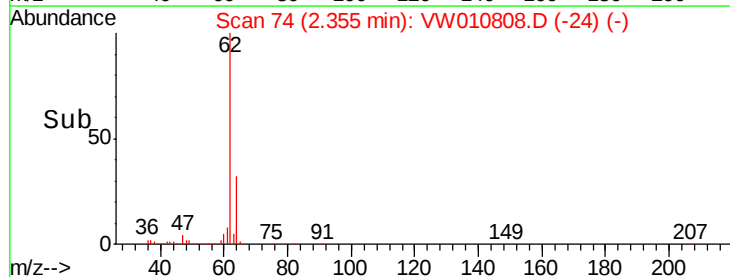
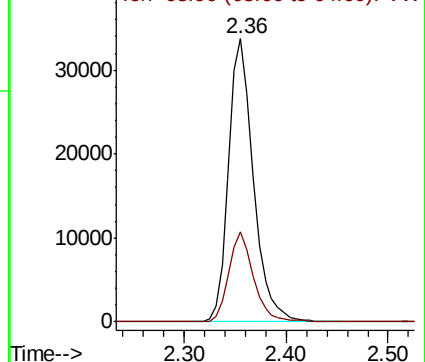
62 100

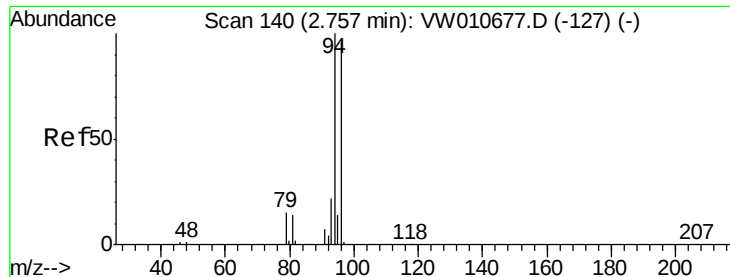
64 31.8 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 20.146 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

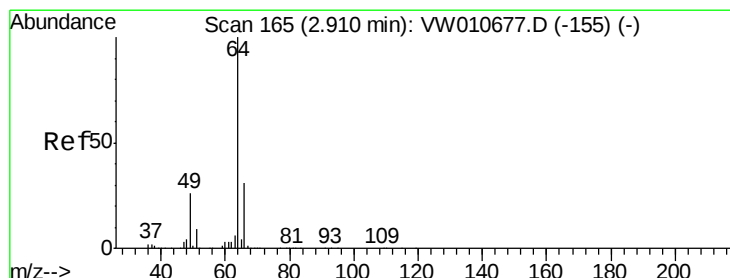
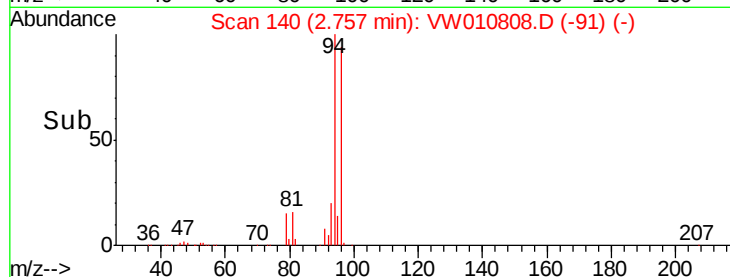
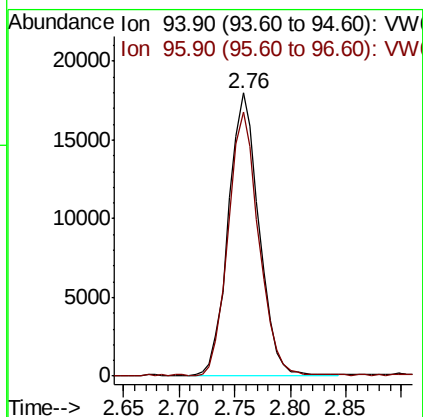
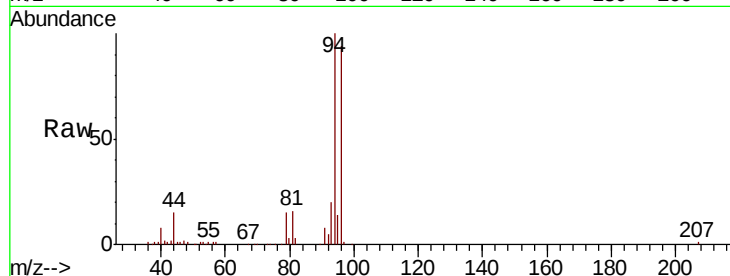
VW0614SBS01

Tgt Ion: 94 Resp: 33995

Ion Ratio Lower Upper

94 100

96 93.8 76.5 114.7



#6

Chloroethane

Concen: 18.475 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW010808.D

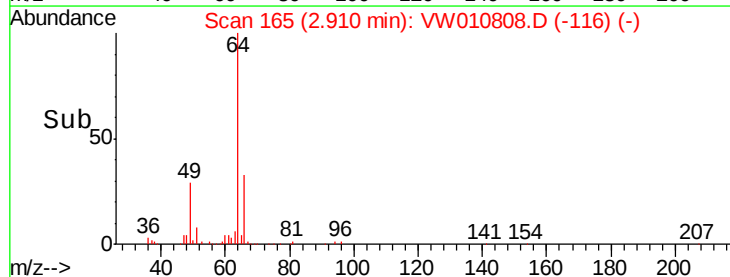
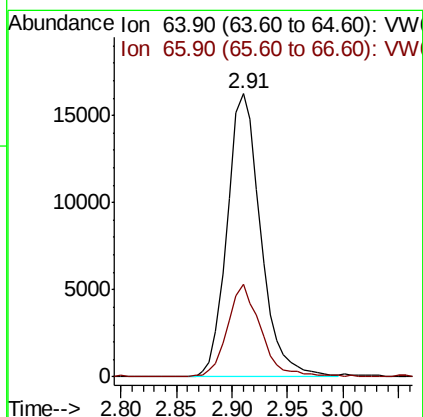
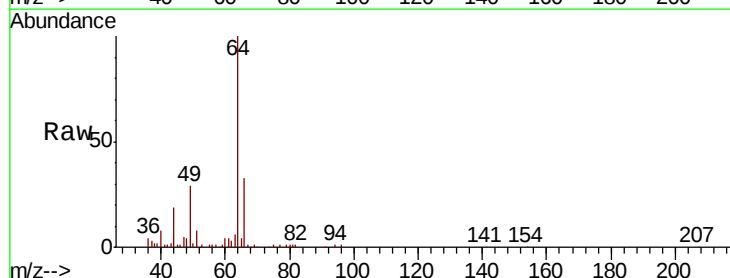
Acq: 14 Jun 2019 12:28

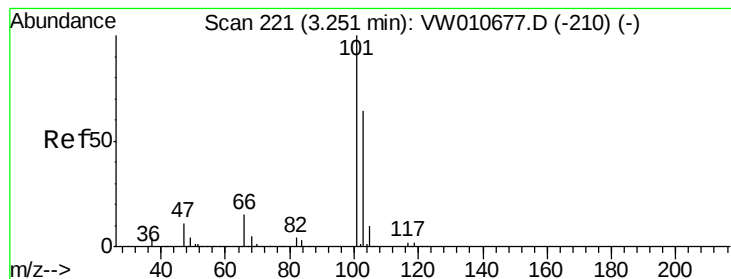
Tgt Ion: 64 Resp: 34077

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7



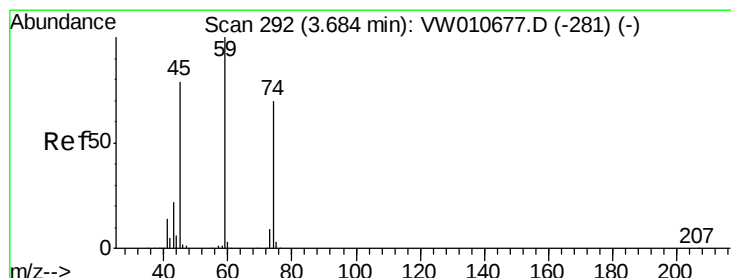
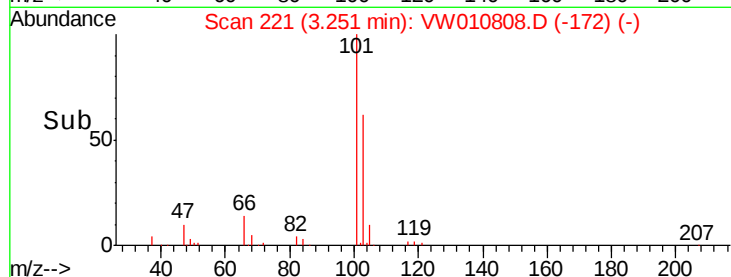
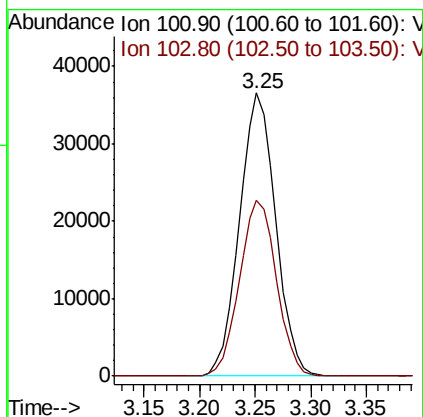
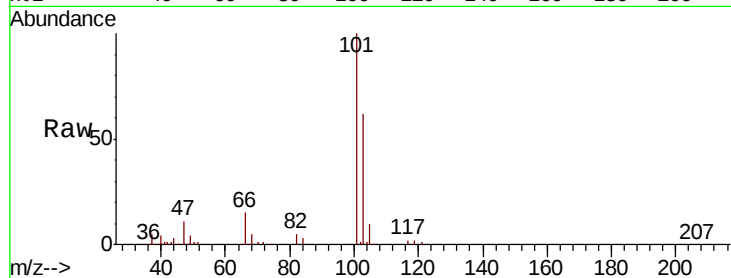


#7

Trichlorofluoromethane
 Concen: 20.726 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

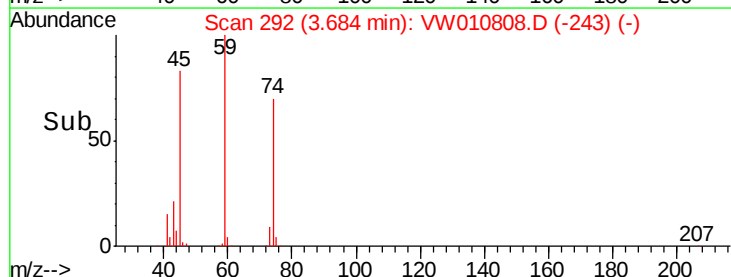
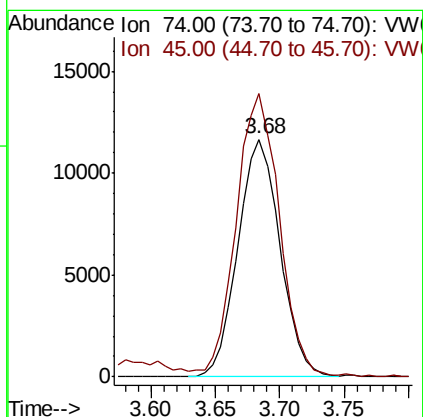
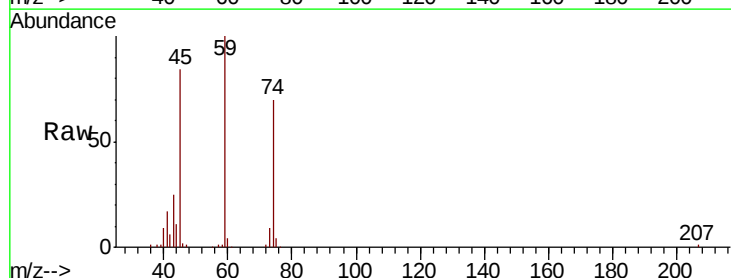
Tgt Ion:101 Resp: 82673
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.2 76.8

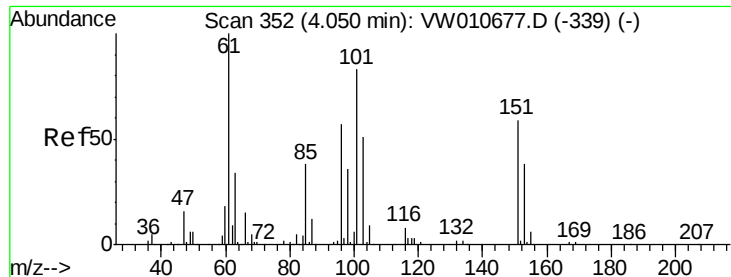


#8

Diethyl Ether
 Concen: 18.574 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion: 74 Resp: 26477
 Ion Ratio Lower Upper
 74 100
 45 122.7 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.368 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

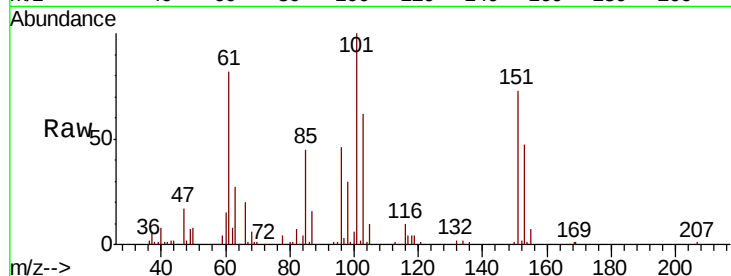
Tgt Ion:101 Resp: 49949

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.8

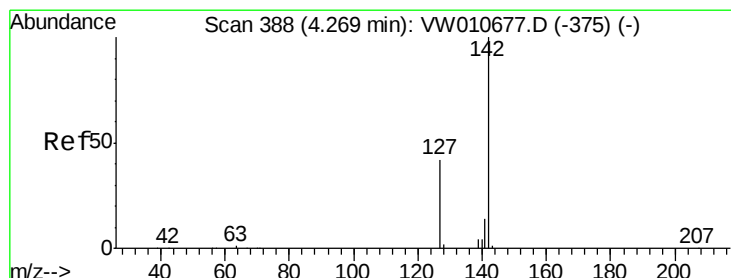
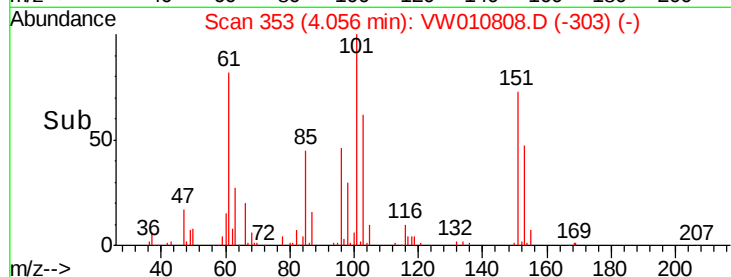
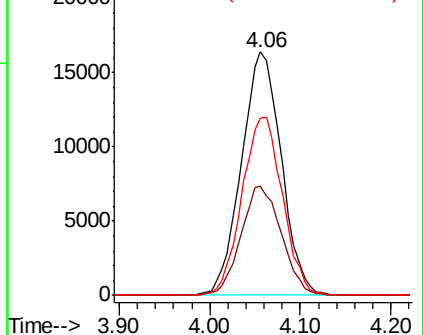
151 74.2 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.956 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

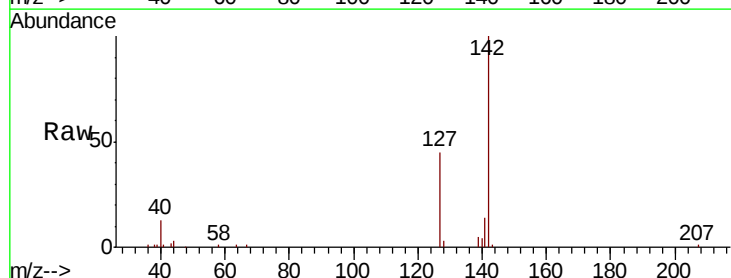
Tgt Ion:142 Resp: 33974

Ion Ratio Lower Upper

142 100

127 45.5 34.6 51.8

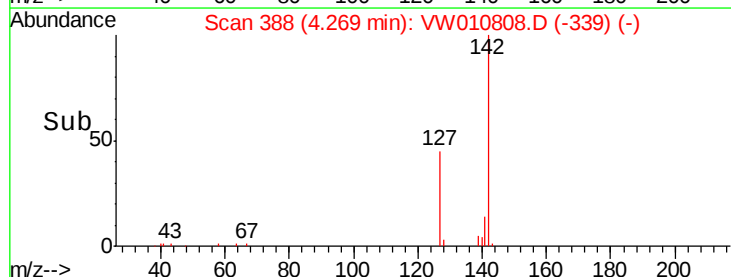
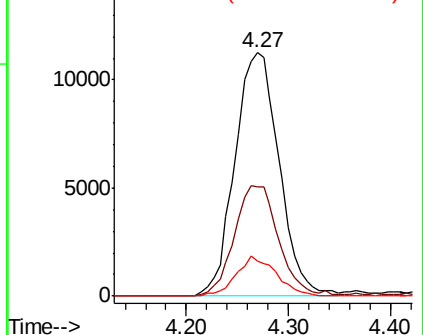
141 14.8 11.6 17.4

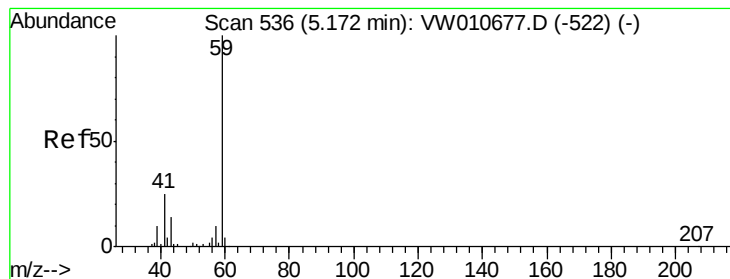


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 124.383 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

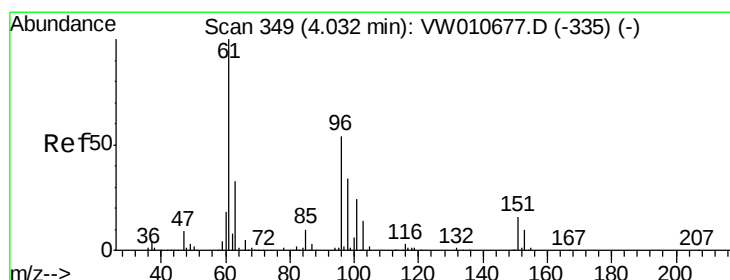
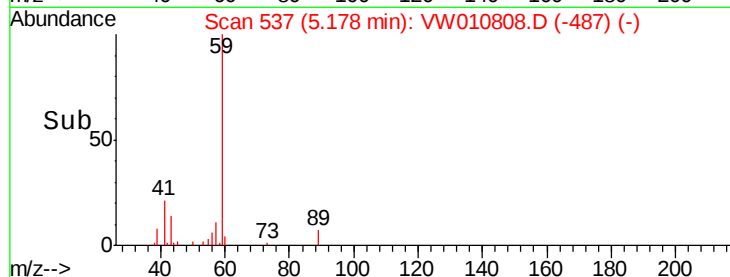
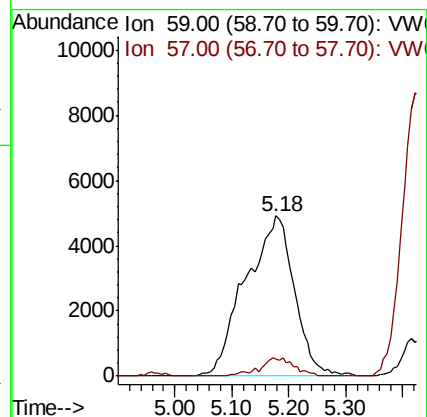
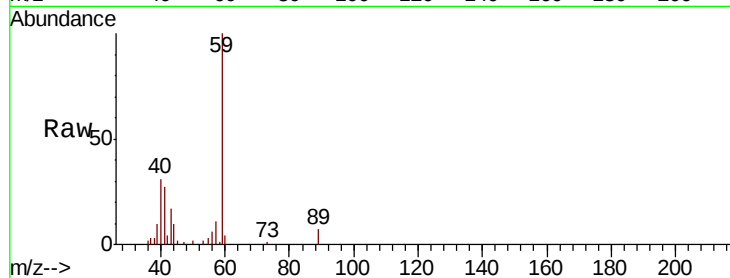
VW0614SBS01

Tgt Ion: 59 Resp: 29217

Ion Ratio Lower Upper

59 100

57 8.1 8.6 12.8#



#12

1,1-Dichloroethene

Concen: 19.808 ug/l

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

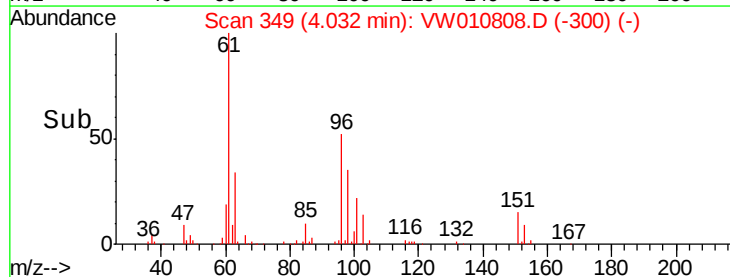
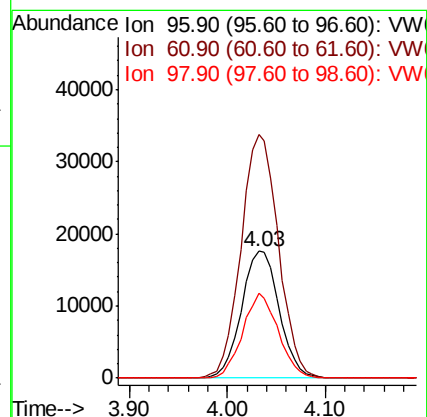
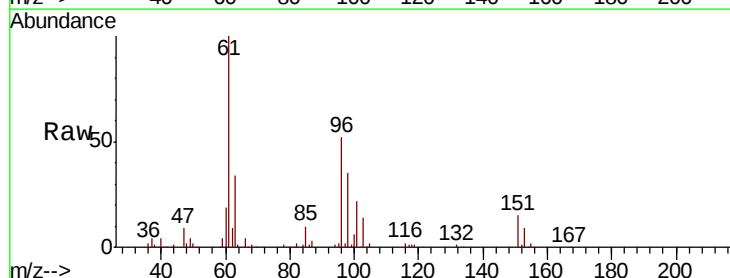
Tgt Ion: 96 Resp: 46860

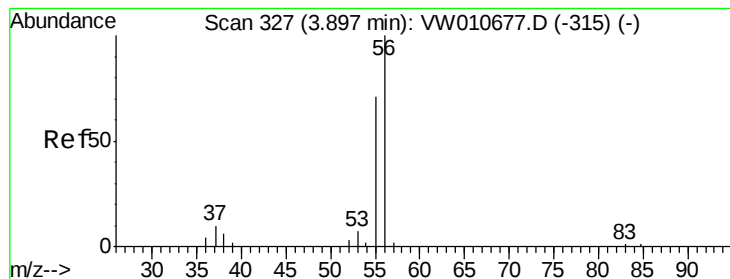
Ion Ratio Lower Upper

96 100

61 191.6 149.1 223.7

98 66.5 51.1 76.7





#13

Acrolein

Concen: 65.895 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampled :

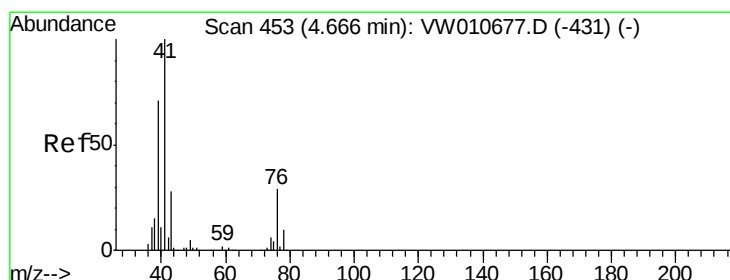
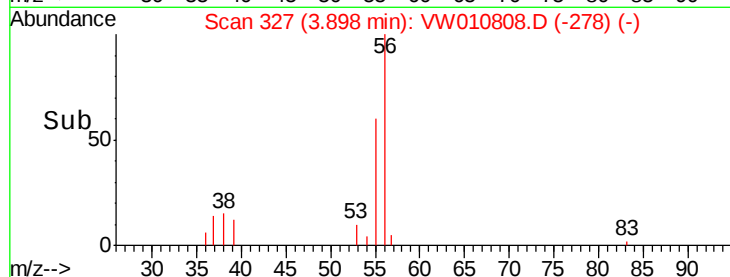
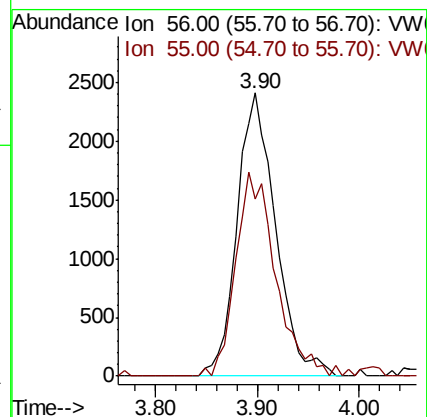
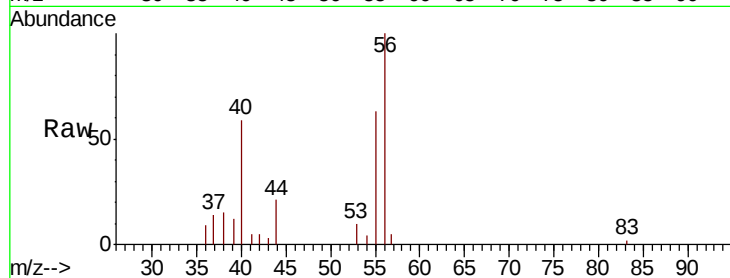
VW0614SBS01

Tgt Ion: 56 Resp: 6325

Ion Ratio Lower Upper

56 100

55 74.1 57.6 86.4



#14

Allyl chloride

Concen: 20.494 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

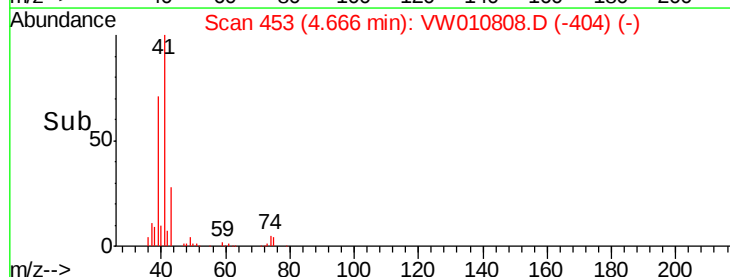
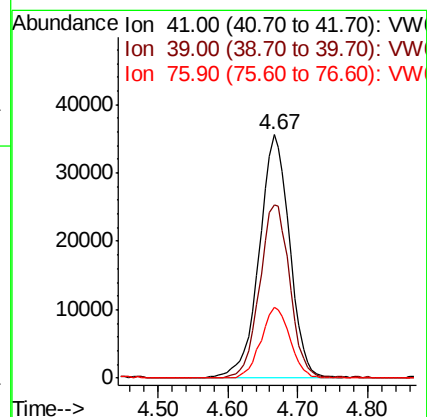
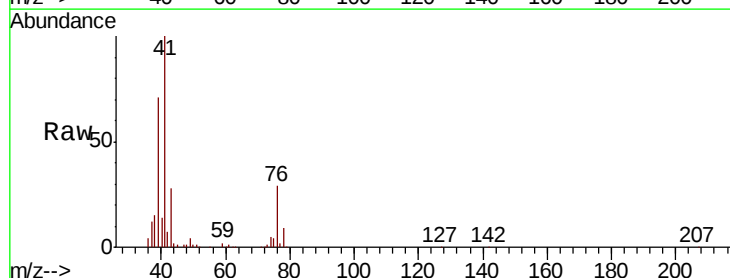
Tgt Ion: 41 Resp: 106899

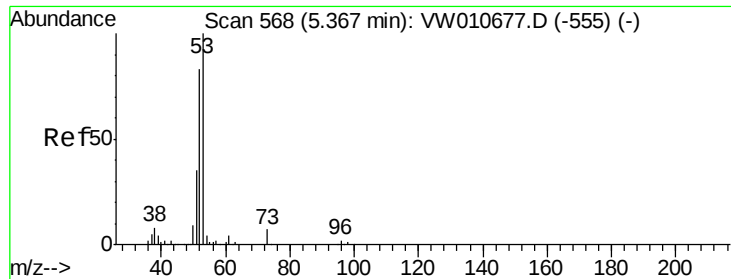
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.6

76 28.0 22.7 34.1





#15

Acrylonitrile

Concen: 89.807 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

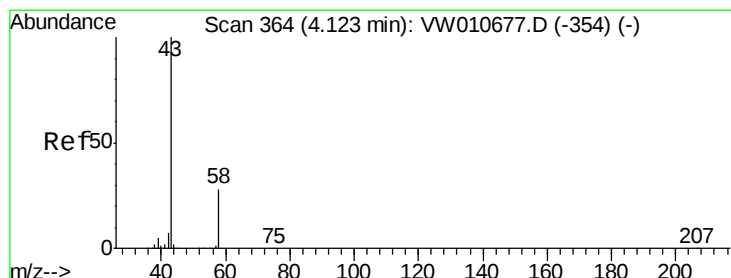
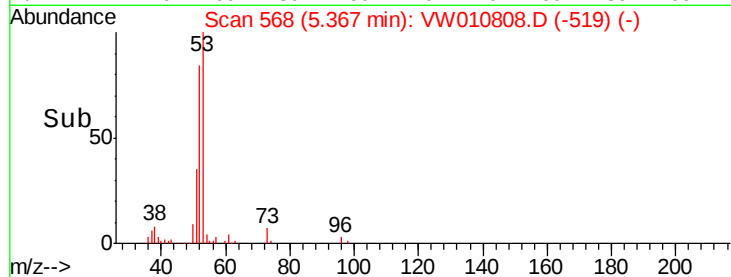
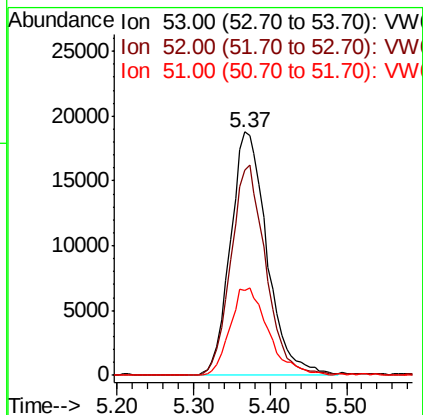
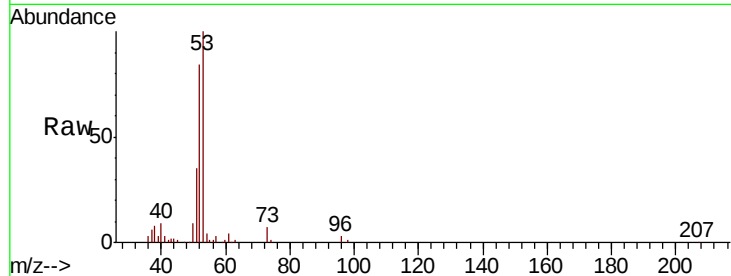
Tgt Ion: 53 Resp: 62193

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

51 37.9 29.8 44.8



#16

Acetone

Concen: 84.516 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010808.D

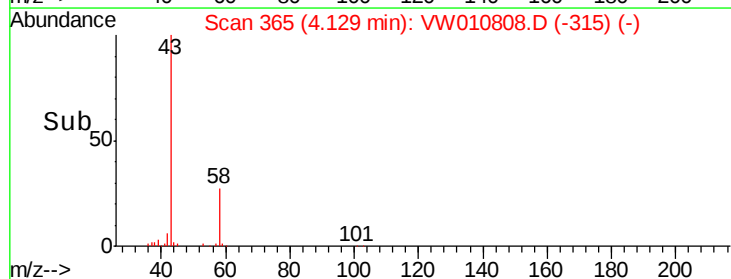
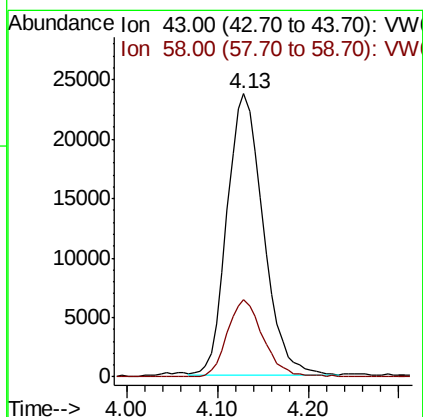
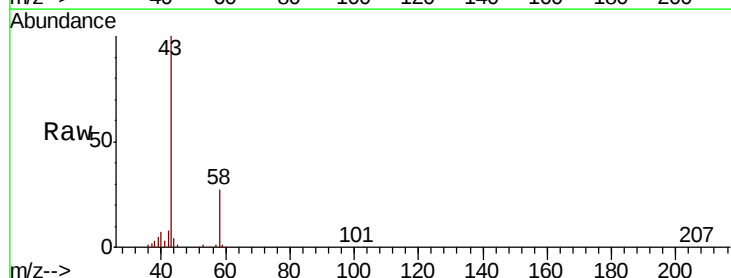
Acq: 14 Jun 2019 12:28

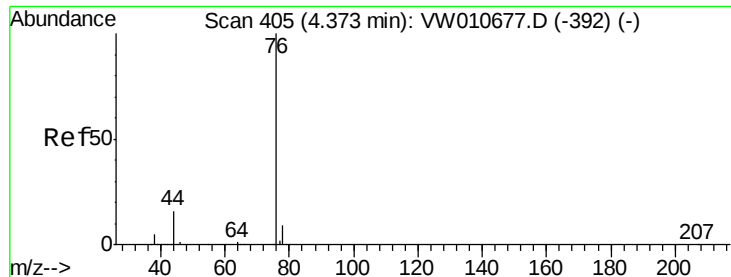
Tgt Ion: 43 Resp: 65295

Ion Ratio Lower Upper

43 100

58 27.5 22.1 33.1





#17

Carbon Disulfide

Concen: 18.414 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

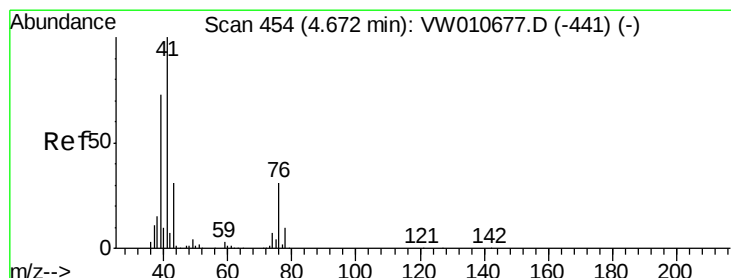
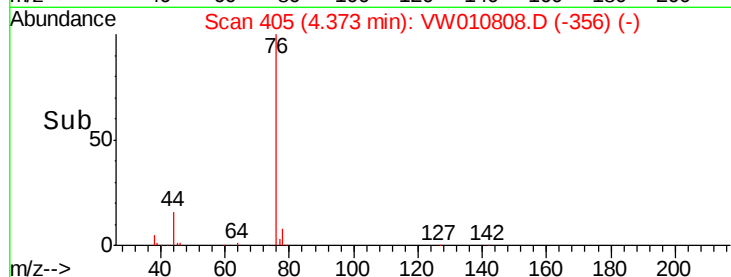
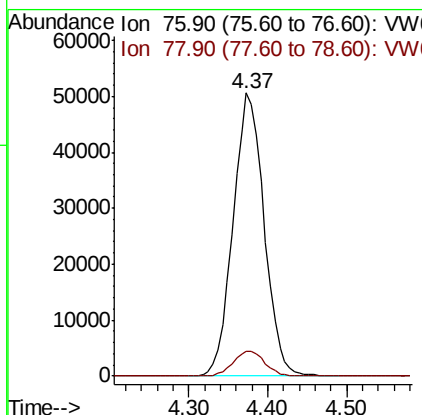
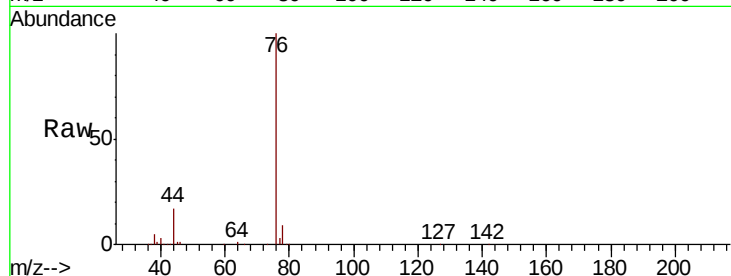
VW0614SBS01

Tgt Ion: 76 Resp: 138281

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



#18

Methyl Acetate

Concen: 19.408 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW010808.D

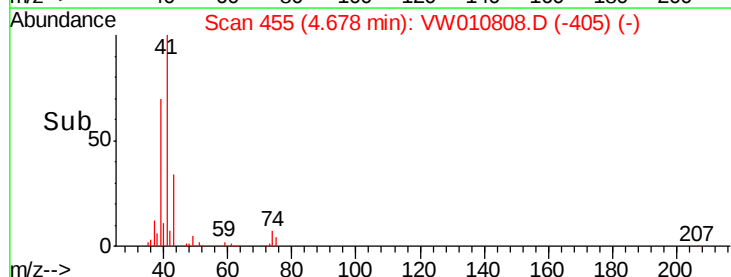
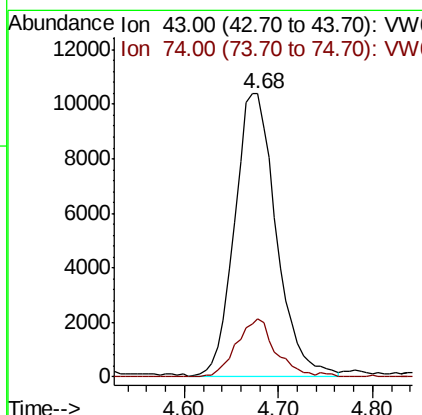
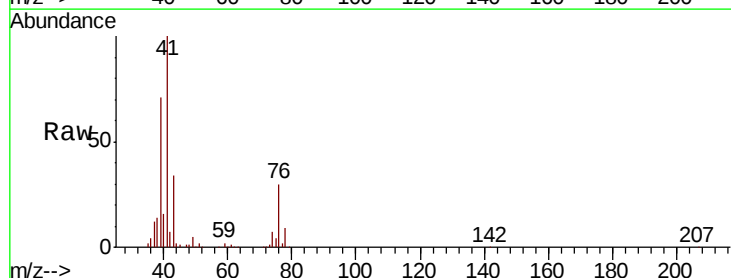
Acq: 14 Jun 2019 12:28

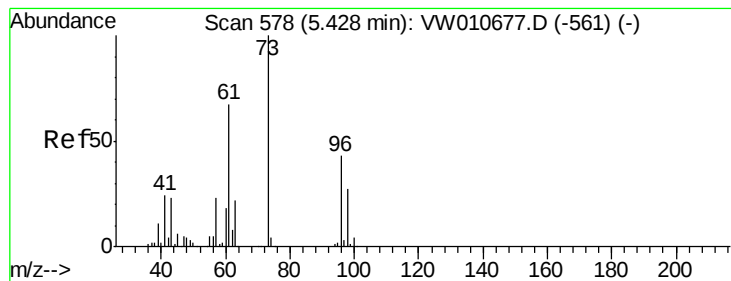
Tgt Ion: 43 Resp: 32277

Ion Ratio Lower Upper

43 100

74 19.2 16.7 25.1



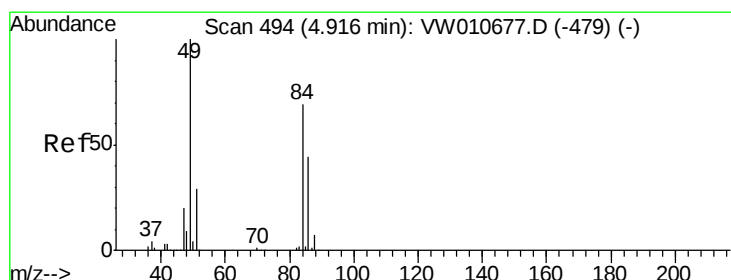
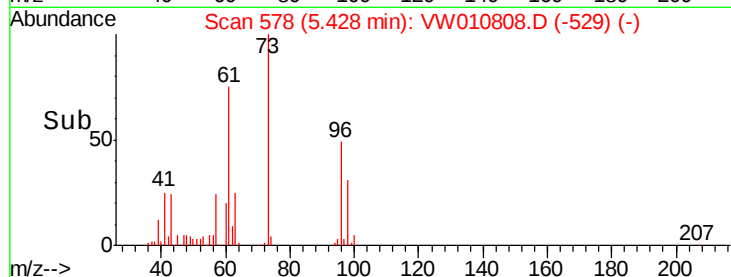
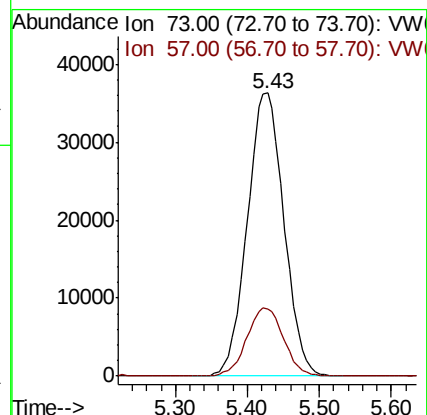
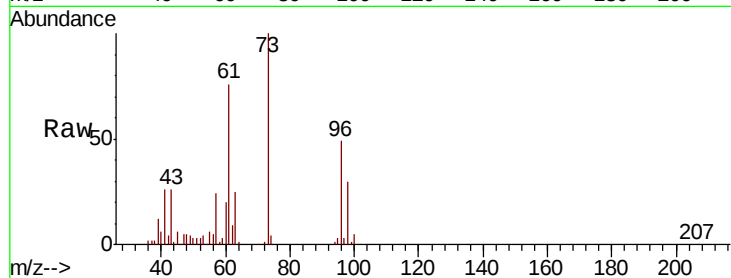


#19

Methyl tert-butyl Ether
 Concen: 18.763 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

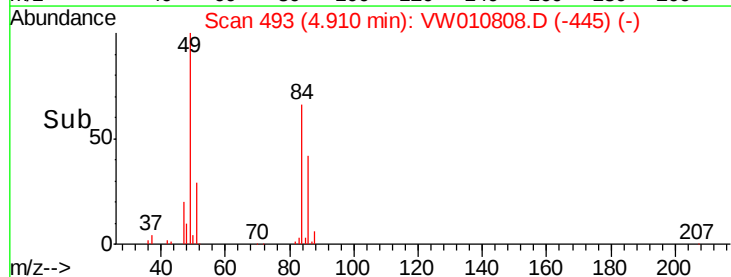
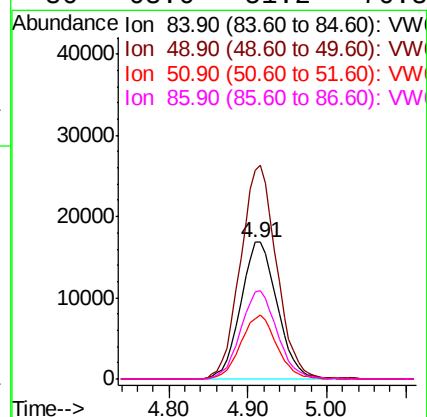
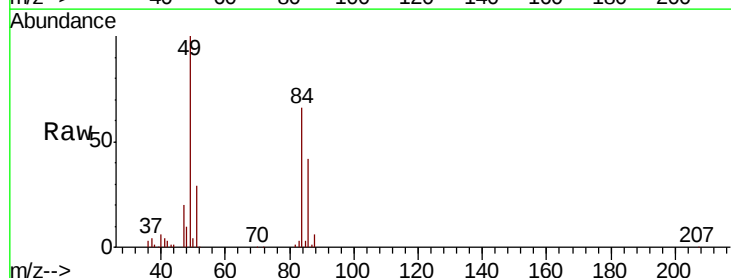
Tgt Ion: 73 Resp: 128021
 Ion Ratio Lower Upper
 73 100
 57 23.7 18.6 27.8

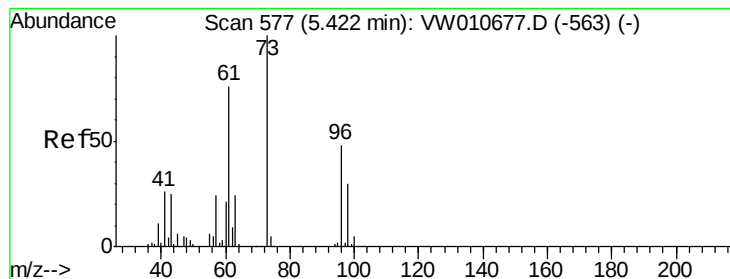


#20

Methylene Chloride
 Concen: 20.060 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion: 84 Resp: 54368
 Ion Ratio Lower Upper
 84 100
 49 152.2 116.7 175.1
 51 44.2 34.2 51.2
 86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.935 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

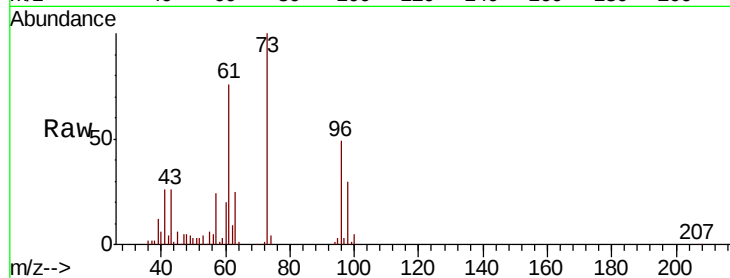
Tgt Ion: 96 Resp: 53537

Ion Ratio Lower Upper

96 100

61 153.9 126.0 189.0

98 62.1 49.6 74.4

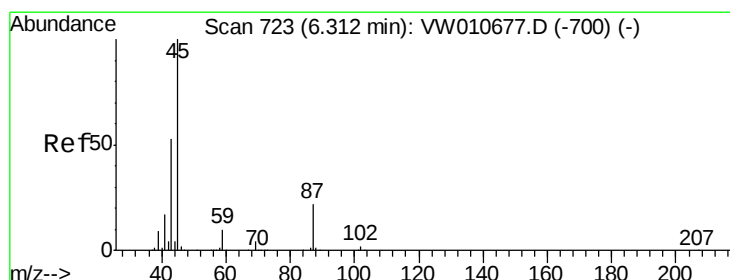
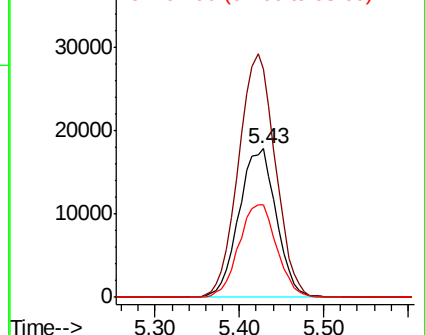
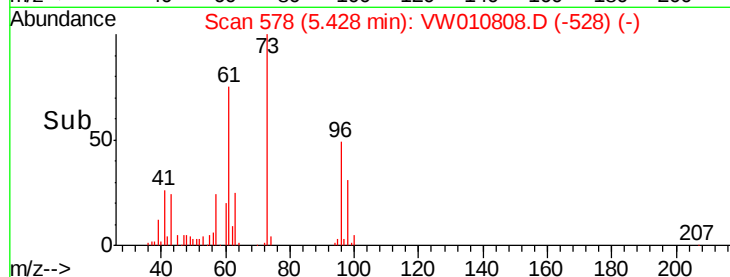


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.513 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Tgt Ion: 45 Resp: 214213

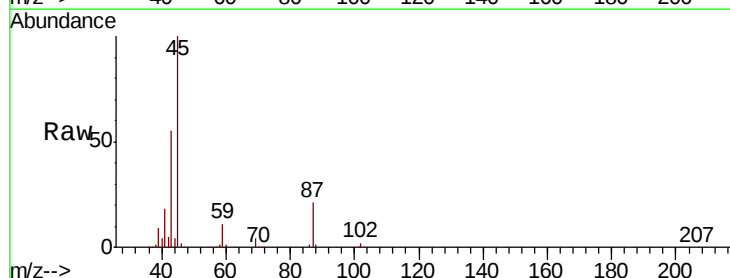
Ion Ratio Lower Upper

45 100

43 54.4 42.5 63.7

87 21.2 17.4 26.2

59 10.6 8.1 12.1



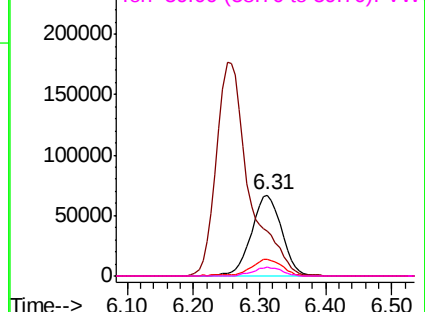
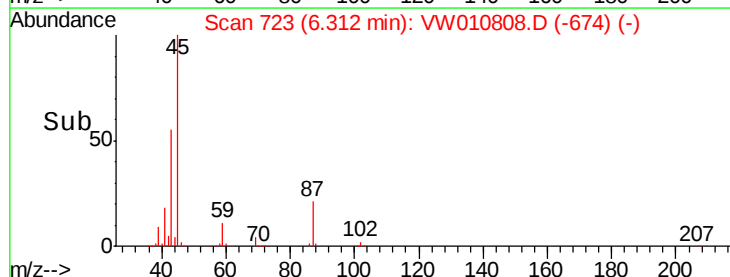
Abundance

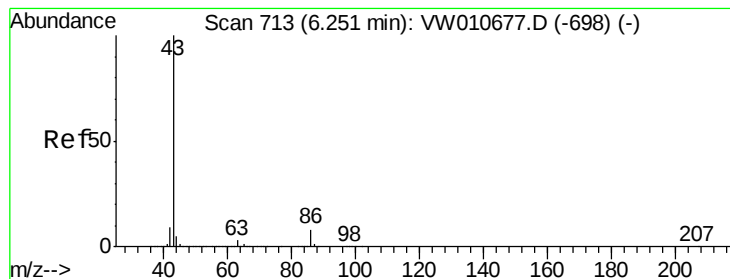
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 96.119 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

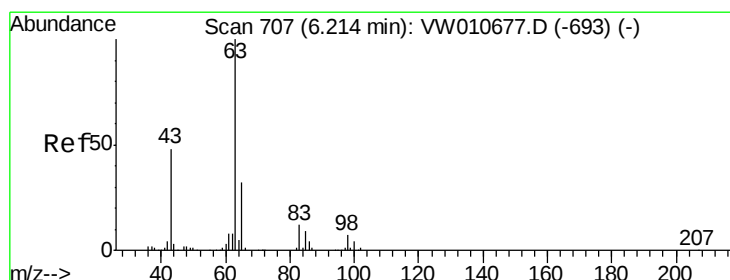
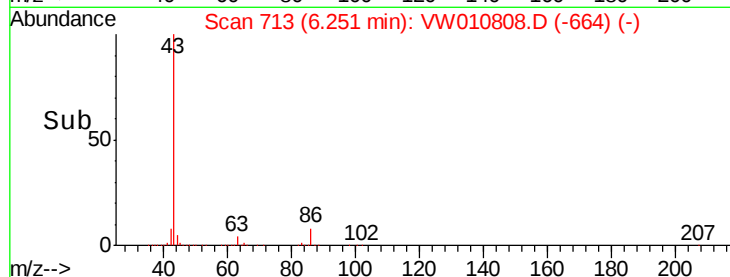
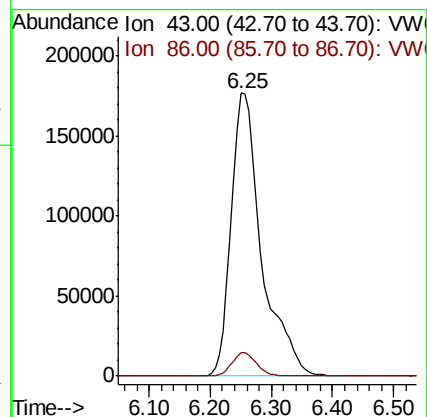
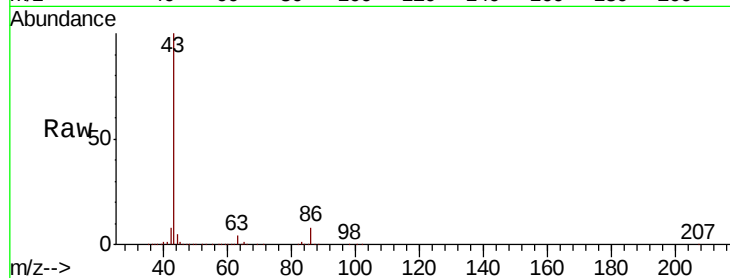
VW0614SBS01

Tgt Ion: 43 Resp: 605766

Ion Ratio Lower Upper

43 100

86 8.2 6.6 10.0



#24

1,1-Dichloroethane

Concen: 20.429 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

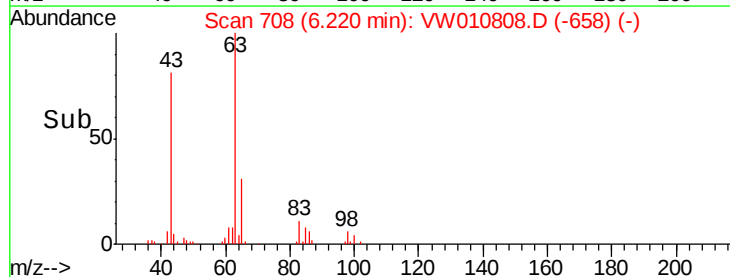
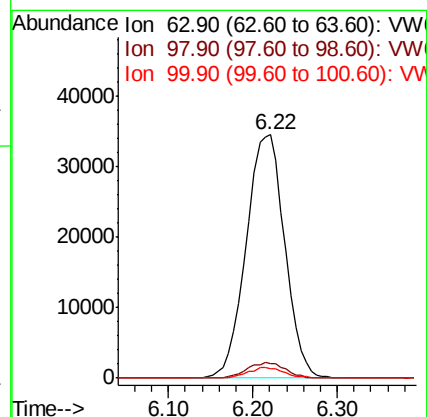
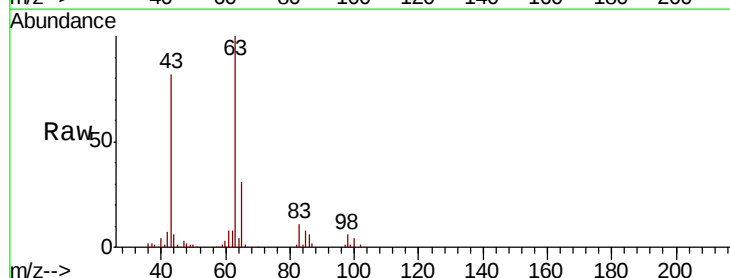
Tgt Ion: 63 Resp: 106911

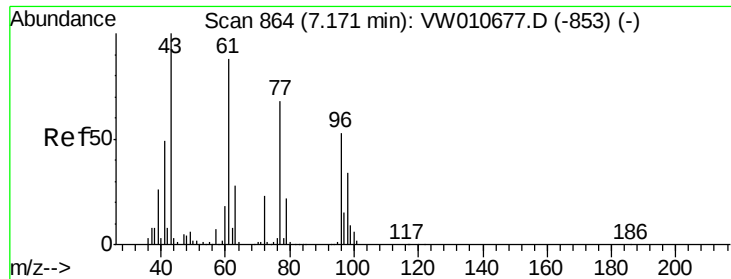
Ion Ratio Lower Upper

63 100

98 5.9 3.4 10.2

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 91.447 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampled :

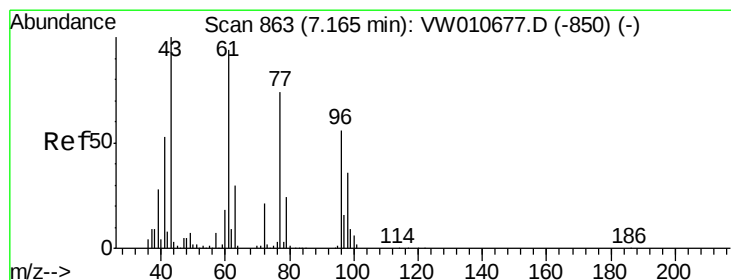
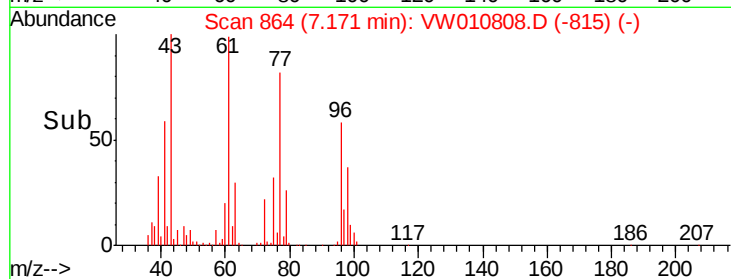
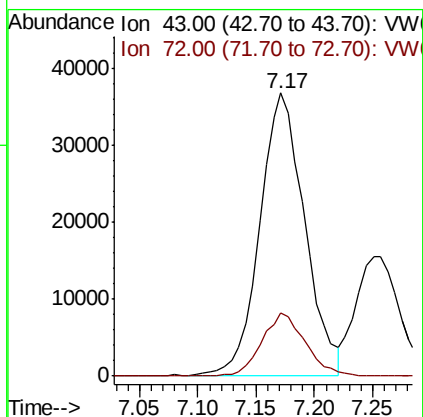
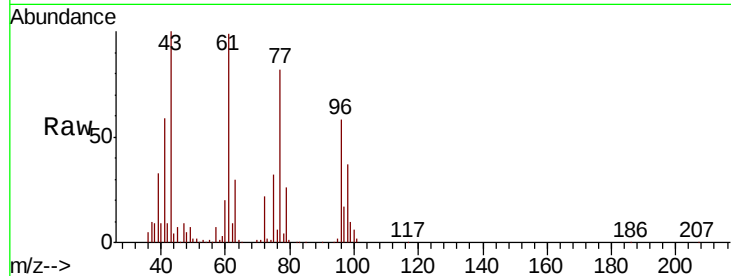
VW0614SBS01

Tgt Ion: 43 Resp: 97965

Ion Ratio Lower Upper

43 100

72 22.2 18.1 27.1



#26

2,2-Dichloropropane

Concen: 22.457 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010808.D

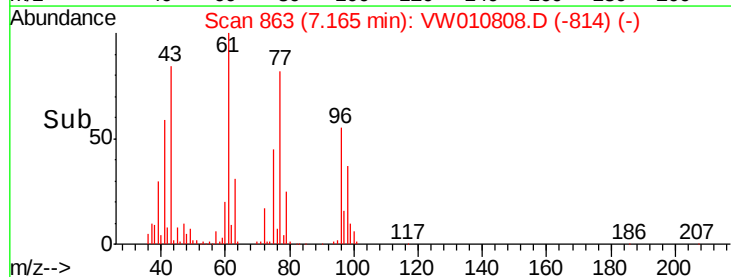
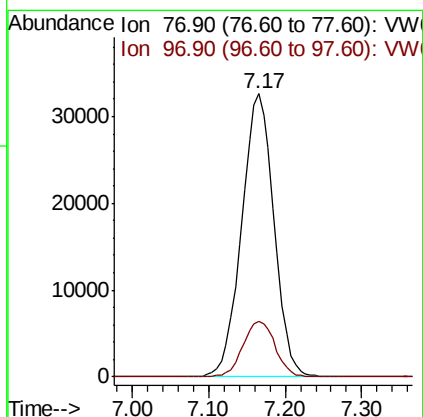
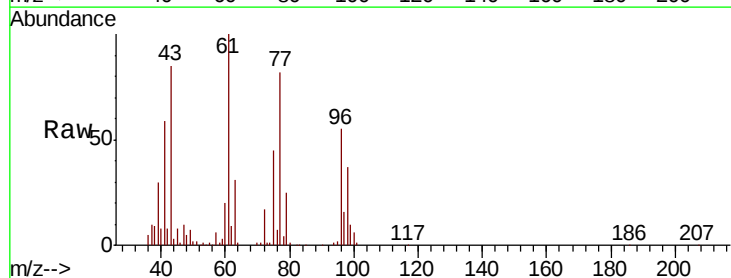
Acq: 14 Jun 2019 12:28

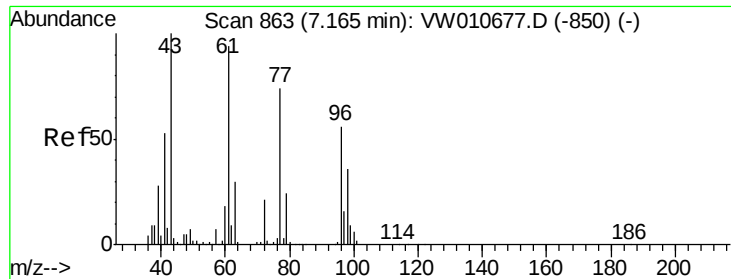
Tgt Ion: 77 Resp: 95636

Ion Ratio Lower Upper

77 100

97 19.6 10.5 31.6



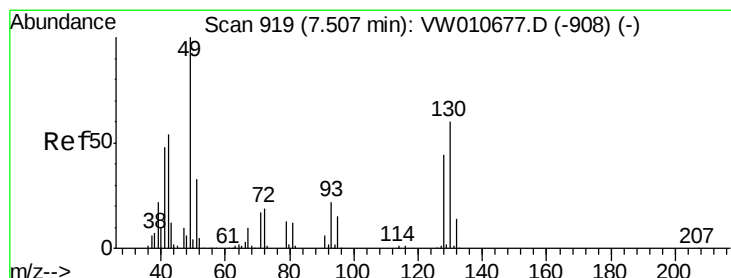
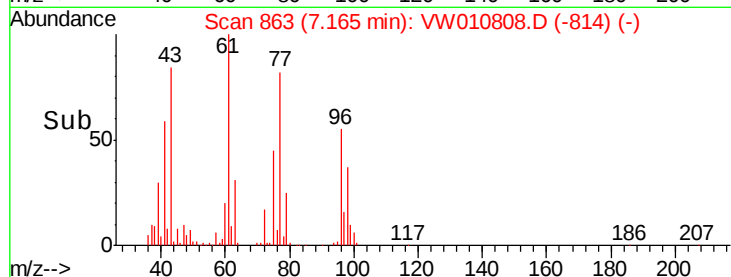
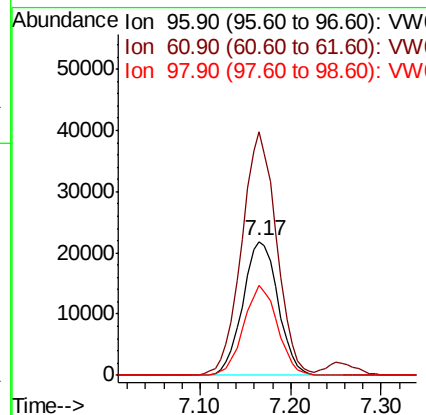
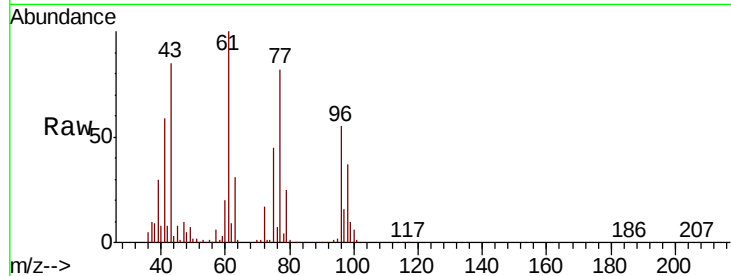


#27

cis-1,2-Dichloroethene
Concen: 19.941 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

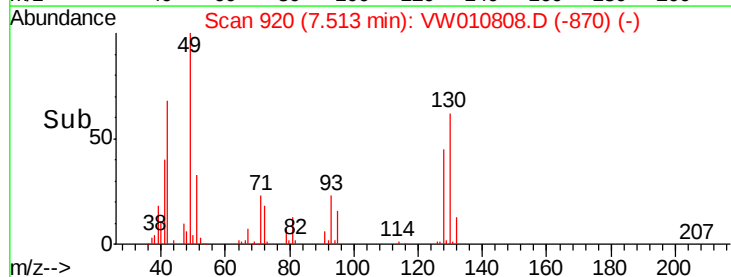
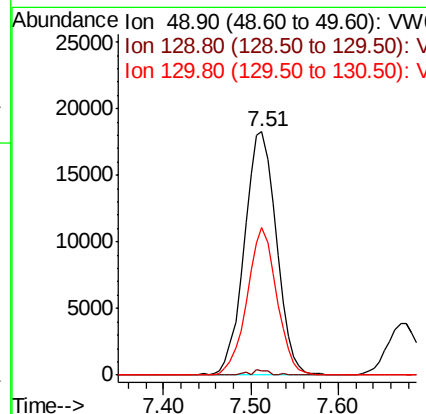
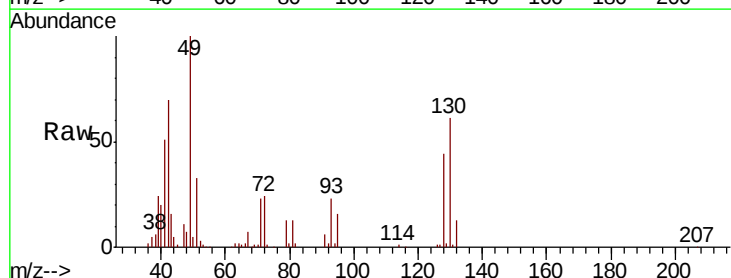
Tgt Ion: 96 Resp: 58933
Ion Ratio Lower Upper
96 100
61 179.5 0.0 336.4
98 64.2 0.0 128.0

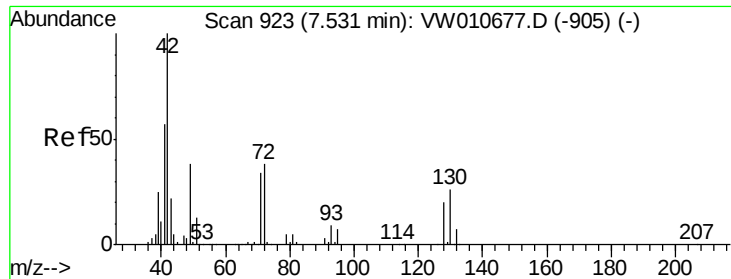


#28

Bromochloromethane
Concen: 19.939 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion: 49 Resp: 46569
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.2
130 55.7 48.3 72.5

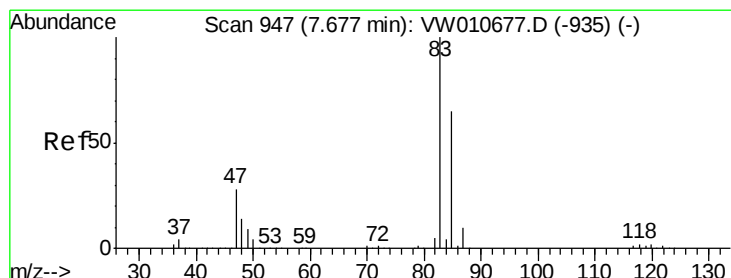
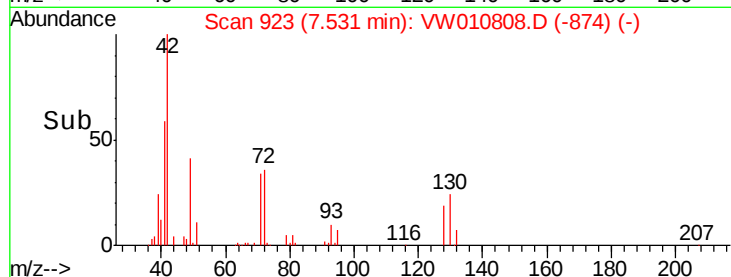
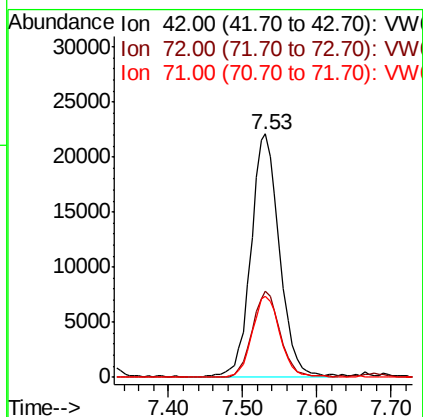
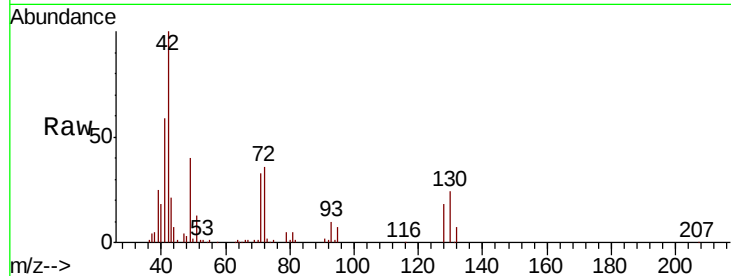




#29
Tetrahydrofuran
Concen: 88.175 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

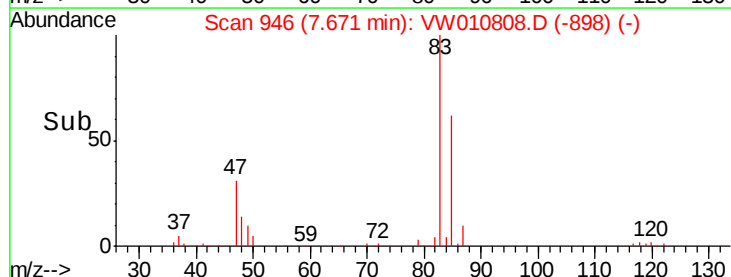
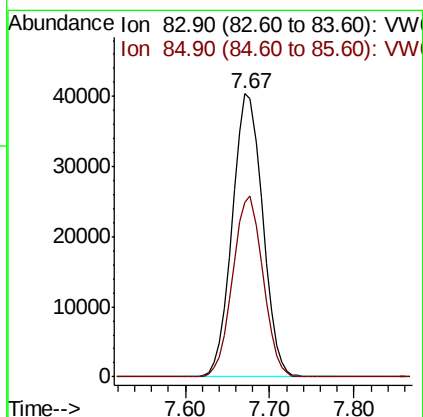
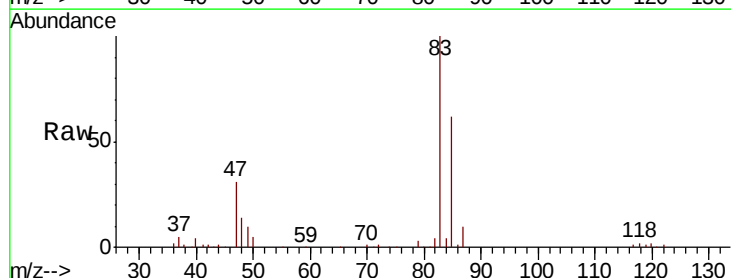
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

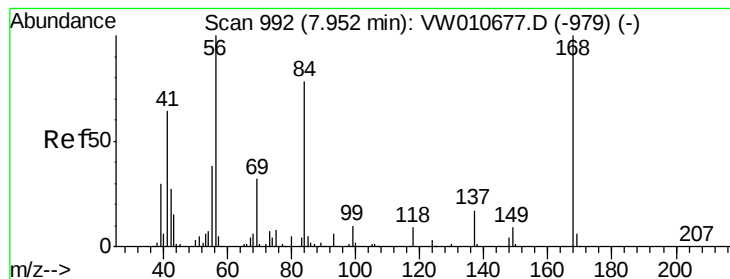
Tgt Ion: 42 Resp: 59415
Ion Ratio Lower Upper
42 100
72 34.4 28.7 43.1
71 32.6 26.6 39.8



#30
Chloroform
Concen: 20.595 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion: 83 Resp: 98582
Ion Ratio Lower Upper
83 100
85 61.8 51.8 77.8





#31

Cyclohexane

Concen: 19.957 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

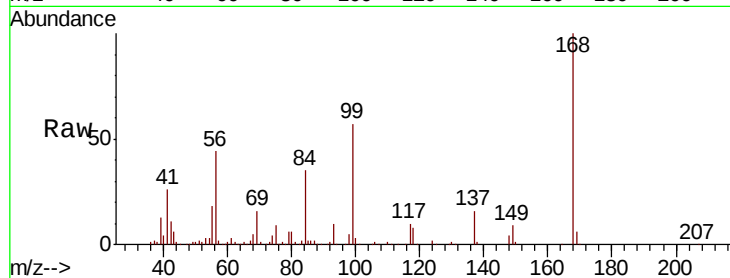
Tgt Ion: 56 Resp: 116103

Ion Ratio Lower Upper

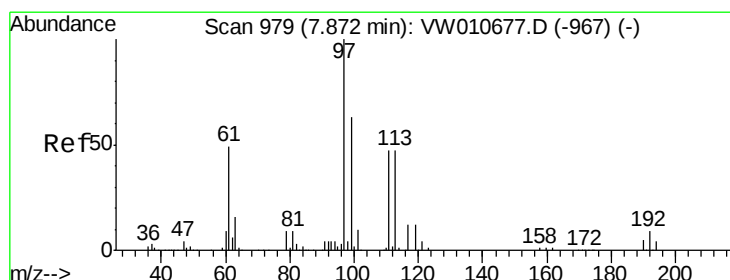
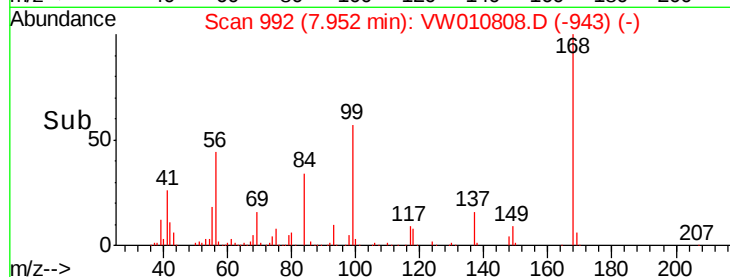
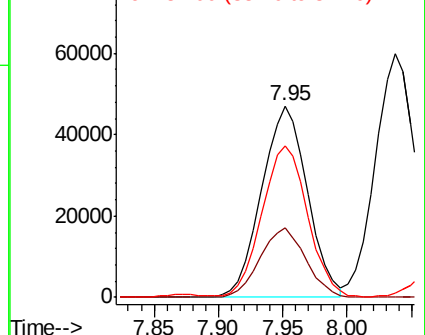
56 100

69 36.1 25.2 37.8

84 77.6 62.2 93.2



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: 20.835 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

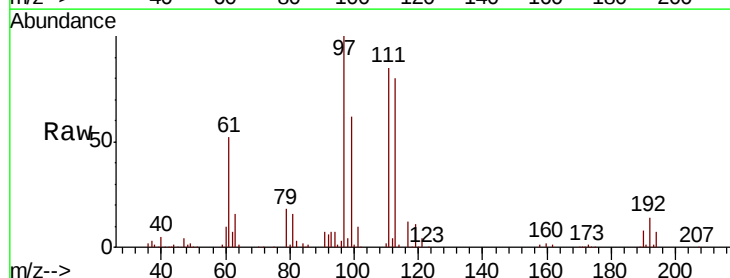
Tgt Ion: 97 Resp: 87119

Ion Ratio Lower Upper

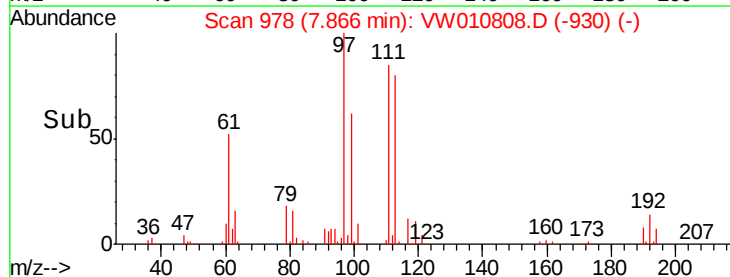
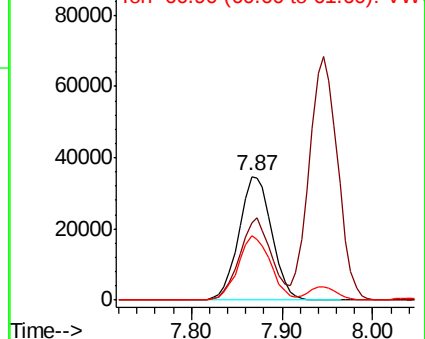
97 100

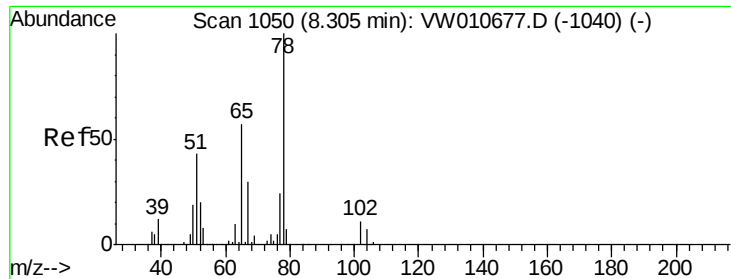
99 64.8 51.3 76.9

61 51.4 40.4 60.6



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: 52.939 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

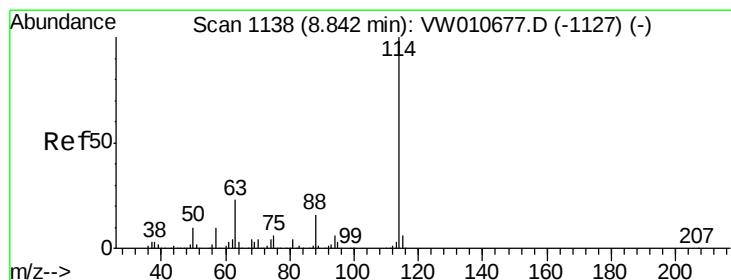
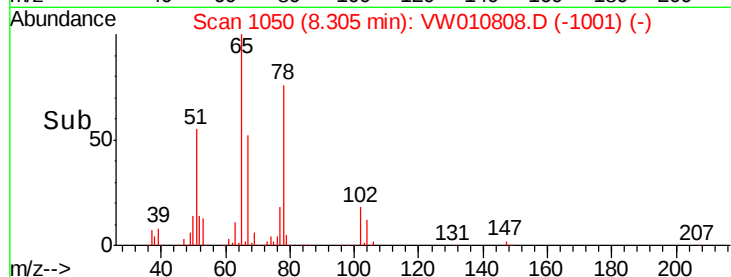
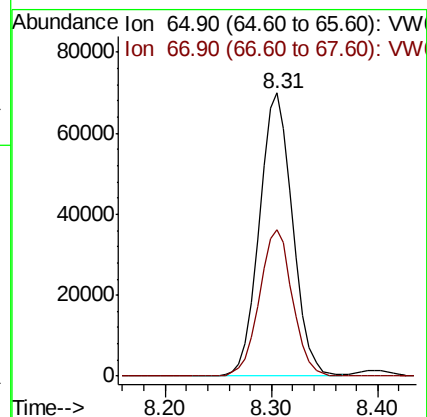
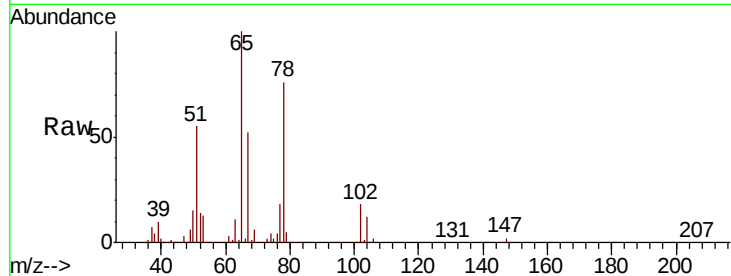
VW0614SBS01

Tgt Ion: 65 Resp: 152640

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: VW010808.D

Acq: 14 Jun 2019 12:28

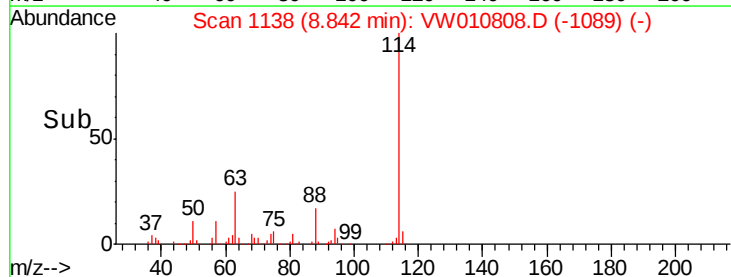
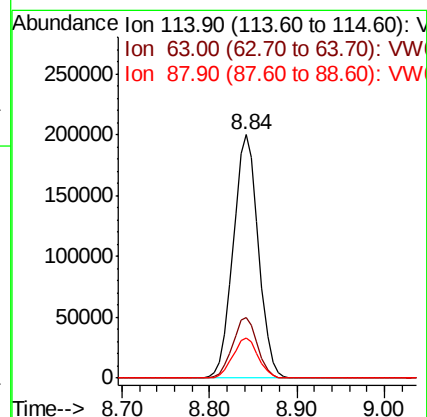
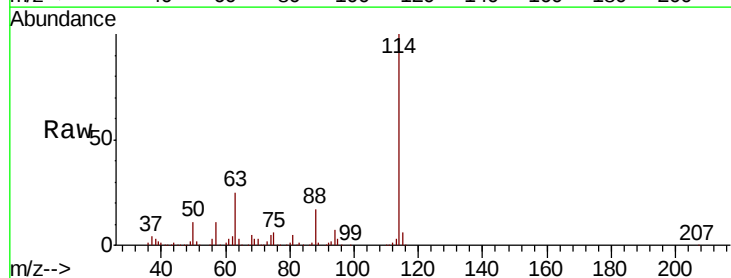
Tgt Ion: 114 Resp: 399122

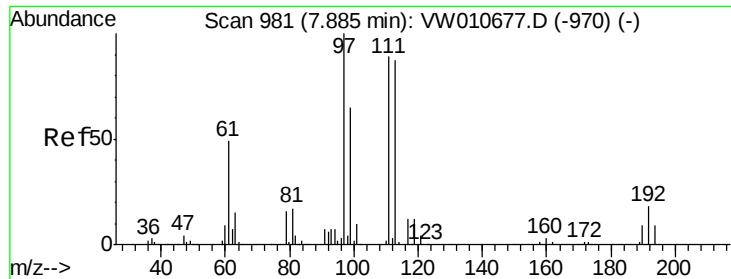
Ion Ratio Lower Upper

114 100

63 25.0 0.0 46.4

88 16.7 0.0 32.2

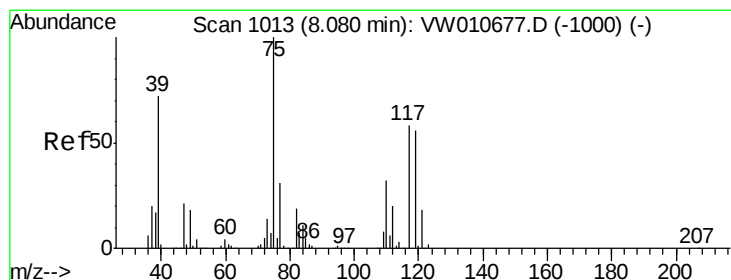
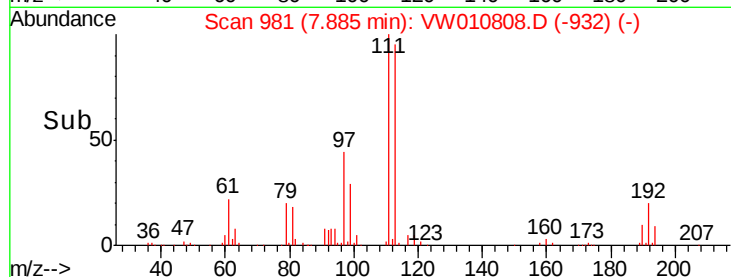
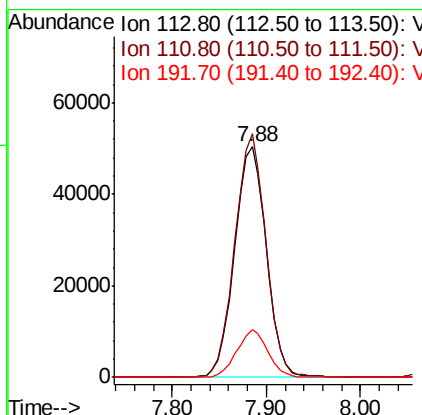
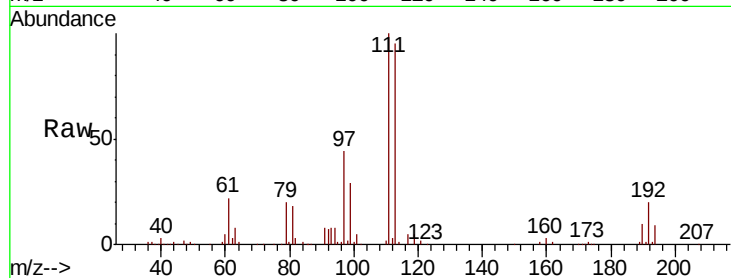




#35
 Dibromofluoromethane
 Concen: 54.750 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

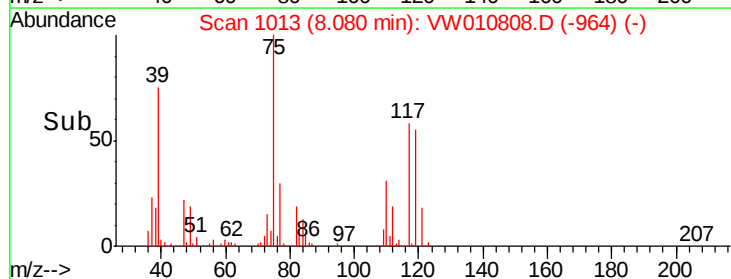
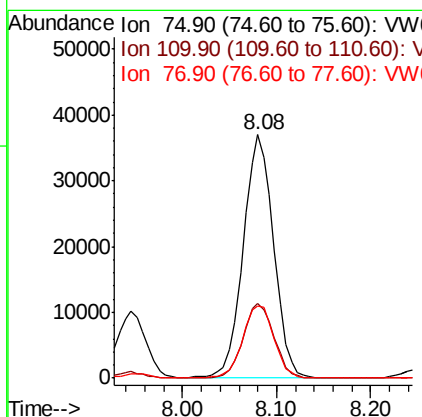
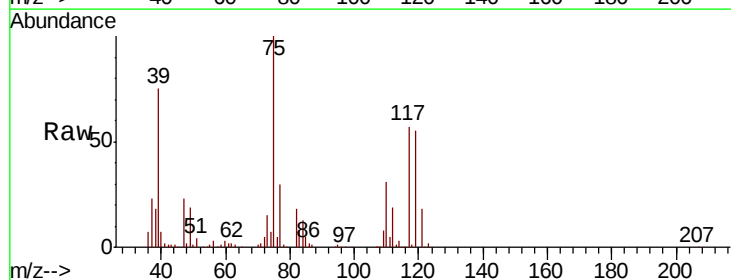
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

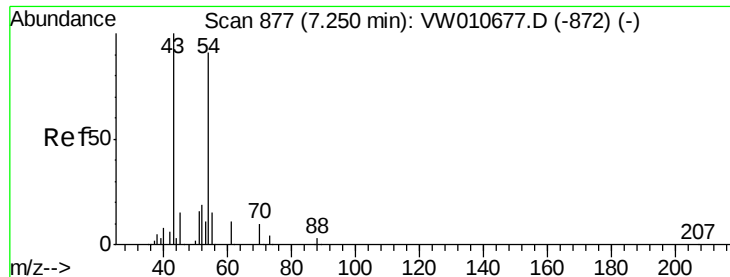
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	20.0	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 20.378 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.1	15.8	47.3
77	31.0	24.7	37.1





#37

Ethyl Acetate

Concen: 18.433 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

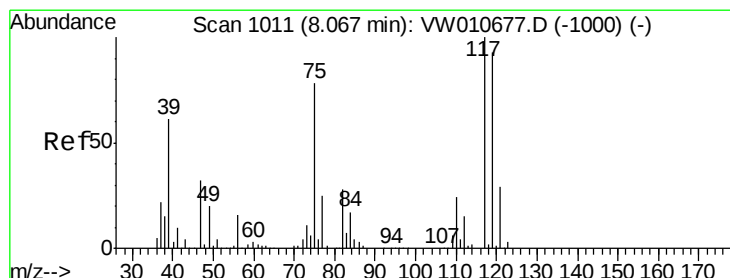
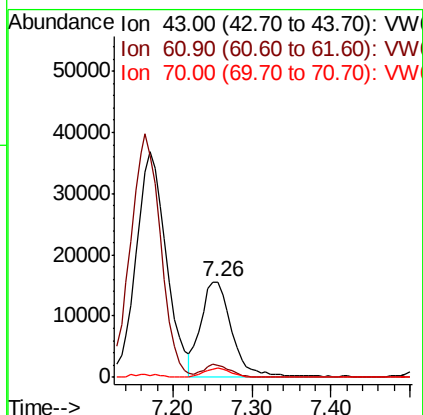
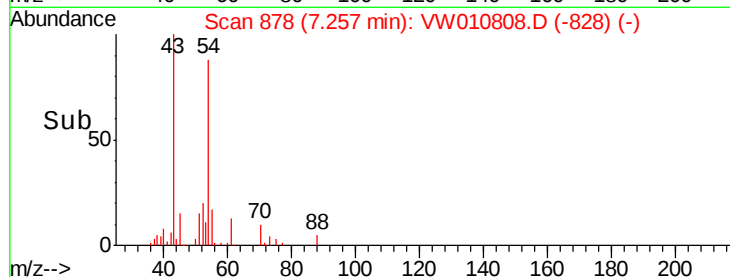
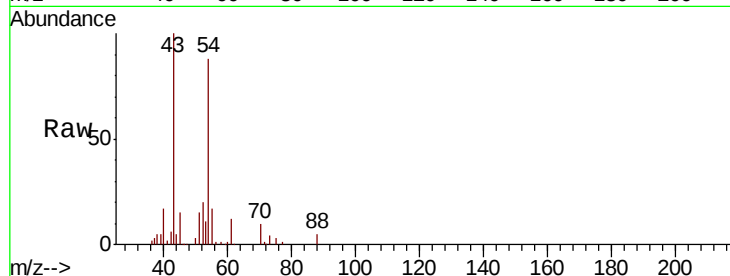
Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampled :
VW0614SBS01

Tgt Ion: 43 Resp: 41731

Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.7	14.5
70	9.0	7.2	10.8



#38

Carbon Tetrachloride

Concen: 20.707 ug/l

RT: 8.07 min Scan# 1011

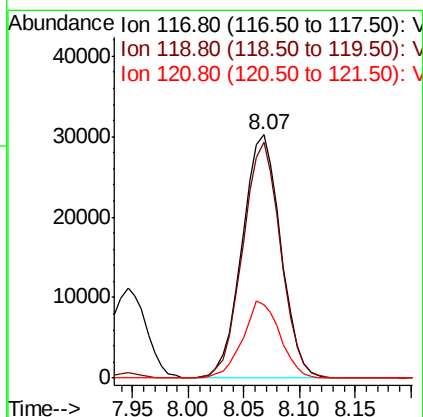
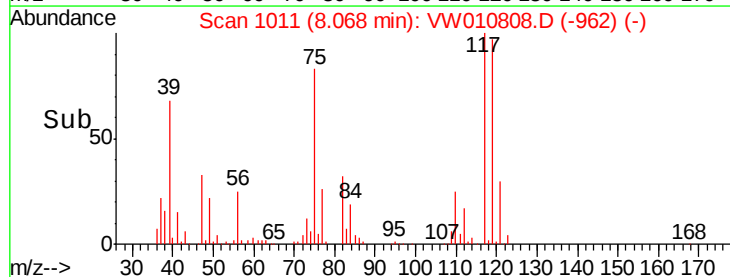
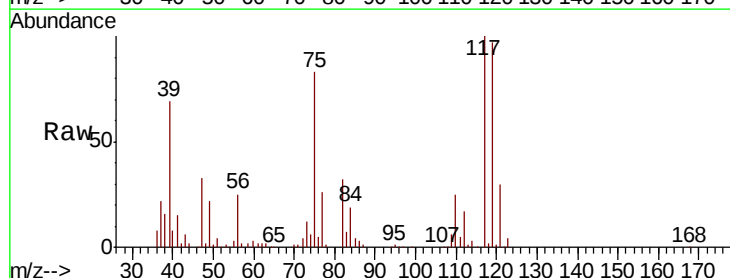
Delta R.T. 0.00 min

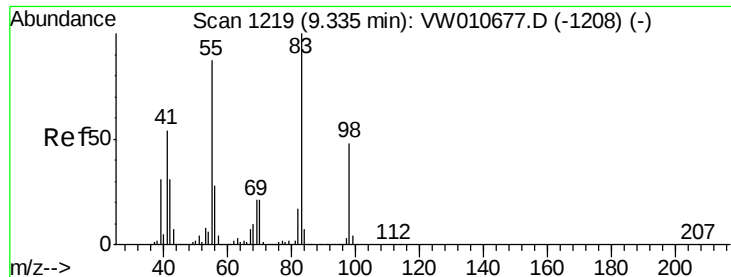
Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Tgt Ion: 117 Resp: 73028

Ion	Ratio	Lower	Upper
117	100		
119	97.0	74.2	111.4
121	30.1	22.9	34.3

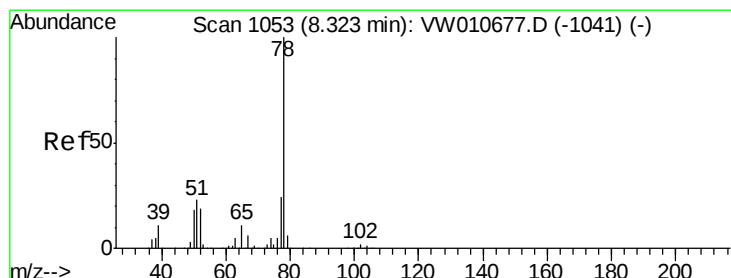
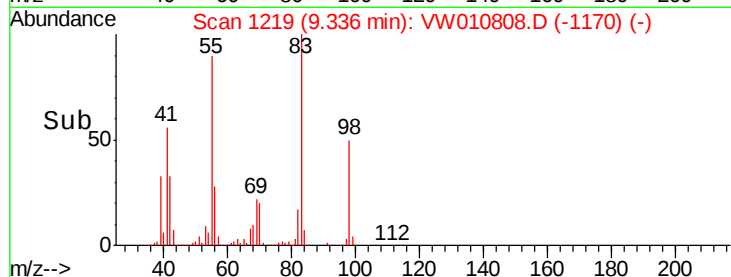
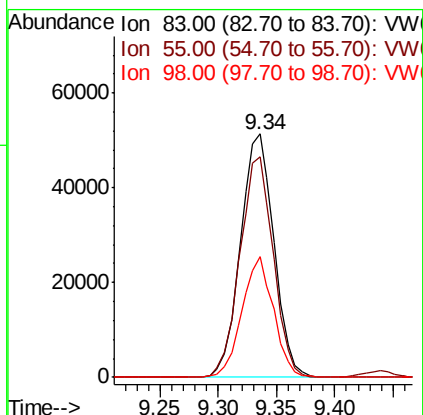
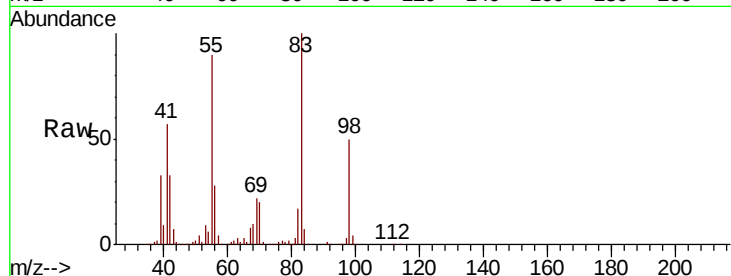




#39
Methylcyclohexane
Concen: 19.823 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

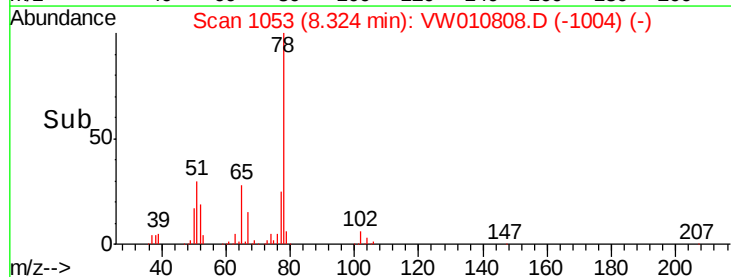
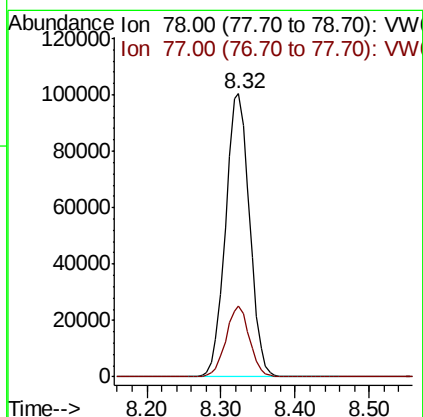
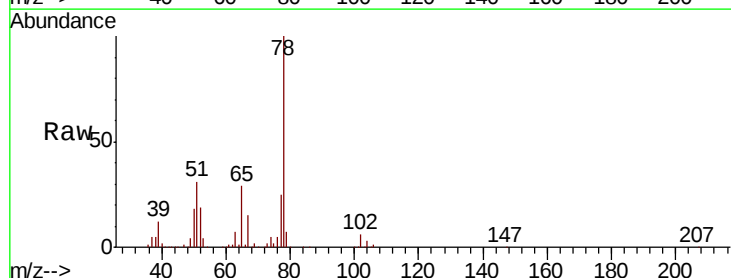
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

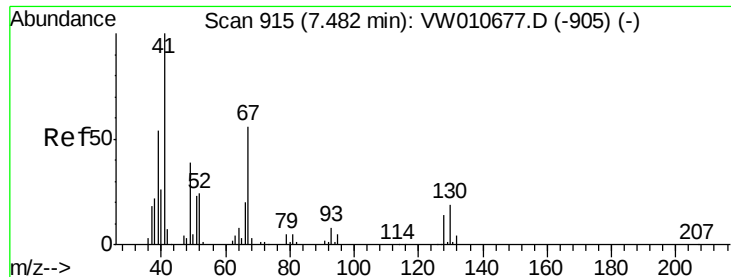
Tgt Ion: 83 Resp: 102950
Ion Ratio Lower Upper
83 100
55 90.2 70.0 105.0
98 49.6 38.1 57.1



#40
Benzene
Concen: 20.281 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion: 78 Resp: 226038
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7





#41

Methacrylonitrile

Concen: 18.296 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

Tgt Ion: 41 Resp: 24621

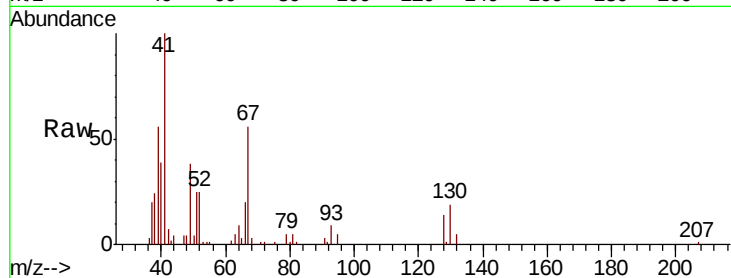
Ion Ratio Lower Upper

41 100

39 58.8 47.3 70.9

67 59.5 47.2 70.8

52 27.7 21.3 31.9

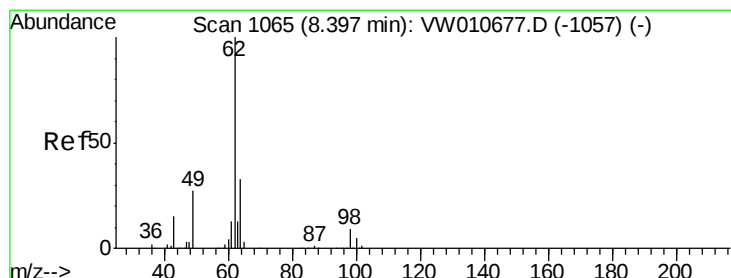
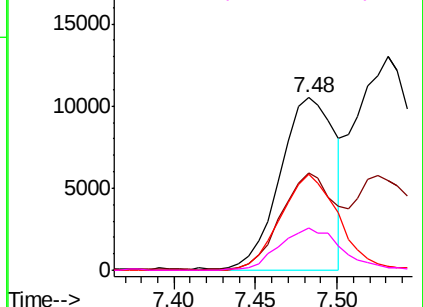
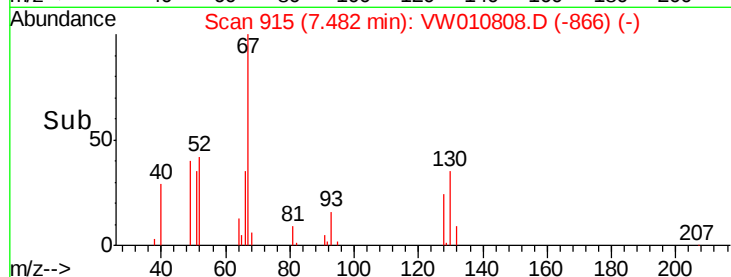


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.051 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW010808.D

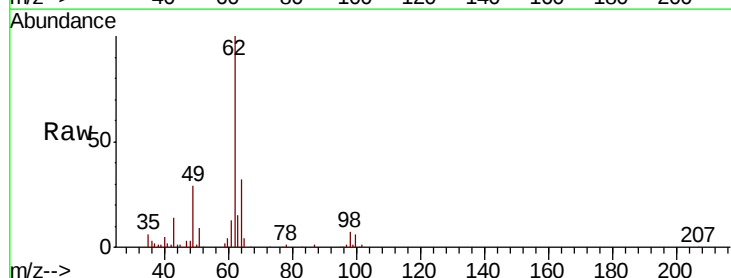
Acq: 14 Jun 2019 12:28

Tgt Ion: 62 Resp: 70927

Ion Ratio Lower Upper

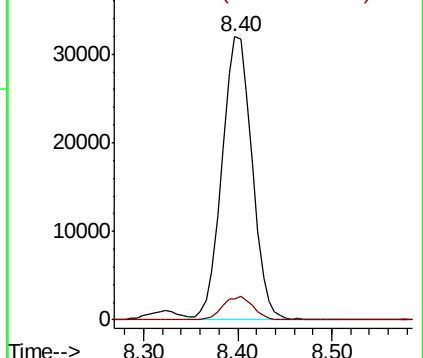
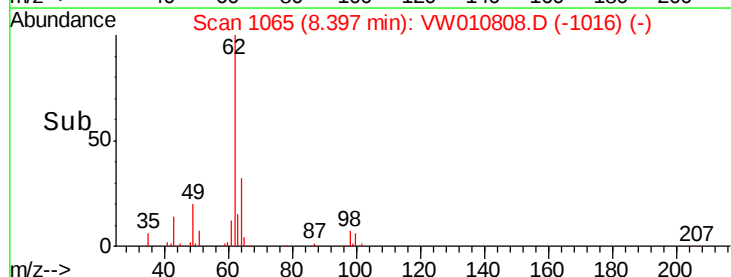
62 100

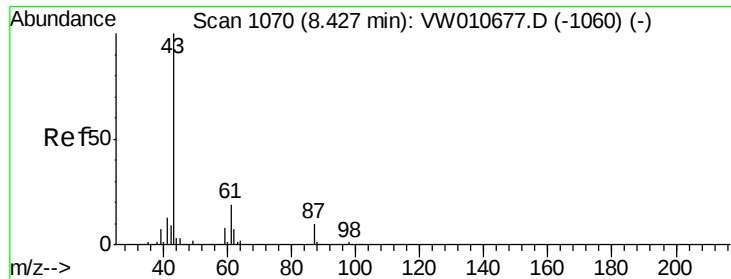
98 8.4 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

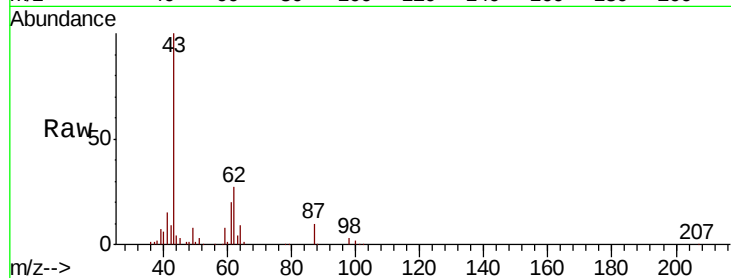




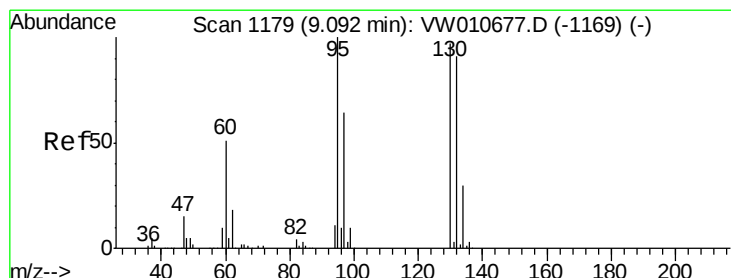
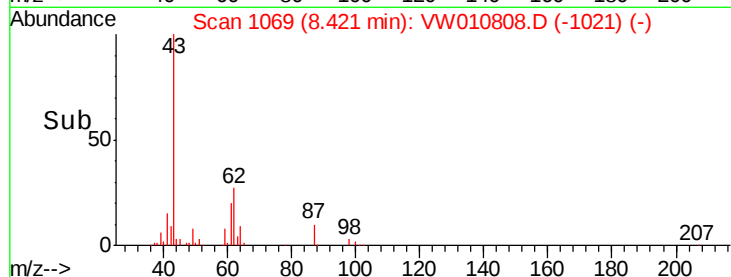
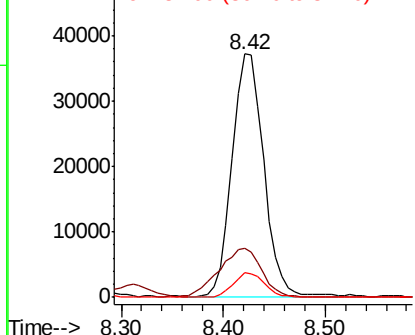
#43
Isopropyl Acetate
Concen: 18.330 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tgt Ion: 43 Resp: 80170
Ion Ratio Lower Upper
43 100
61 27.2 21.2 31.8
87 10.1 8.3 12.5

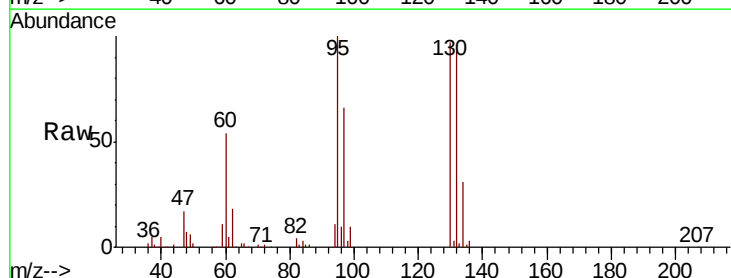


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

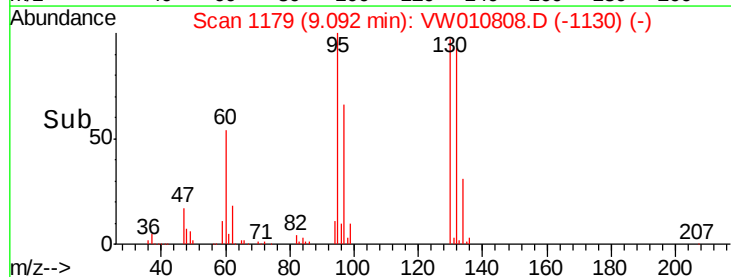
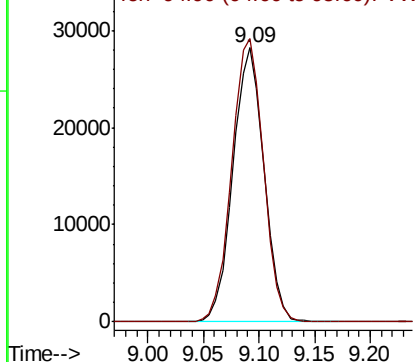


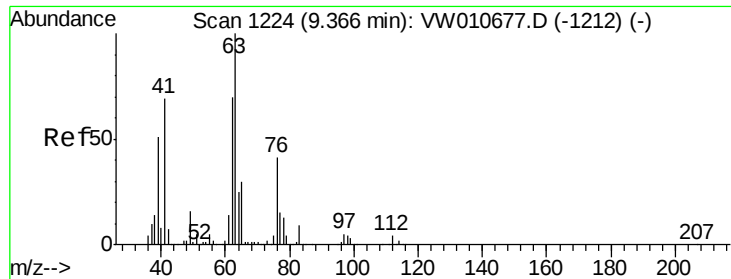
#44
Trichloroethene
Concen: 19.842 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion: 130 Resp: 54552
Ion Ratio Lower Upper
130 100
95 103.2 0.0 207.0



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

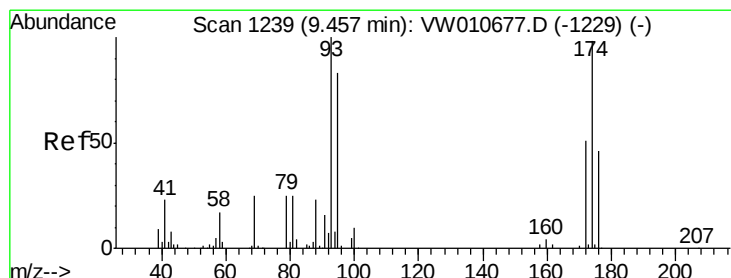
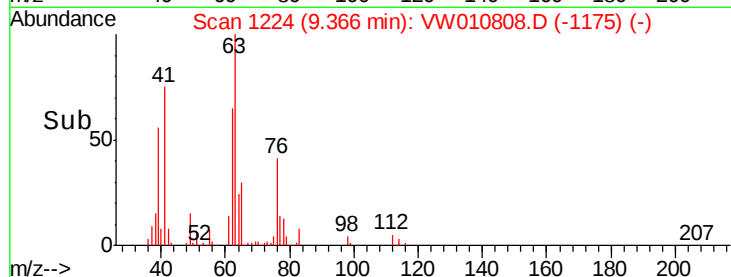
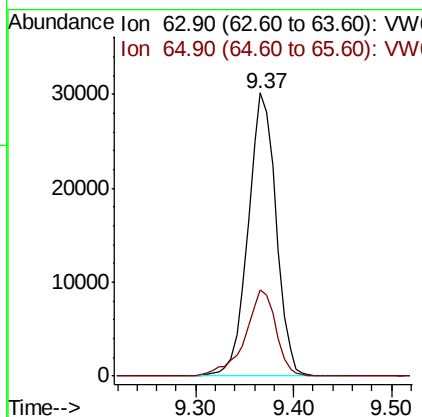
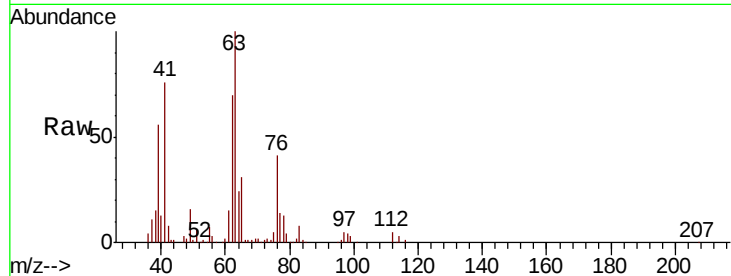




#45
 1,2-Dichloropropane
 Concen: 20.259 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

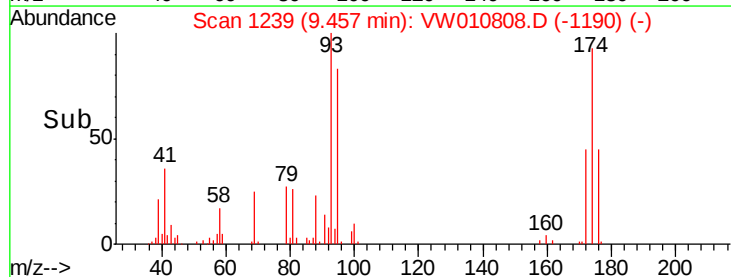
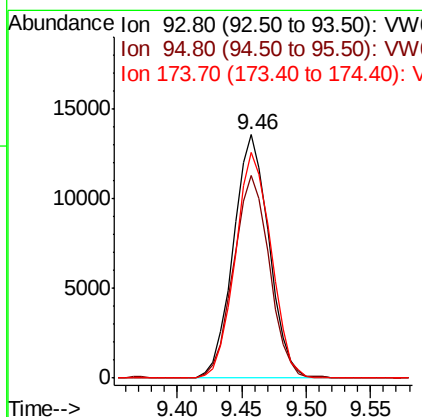
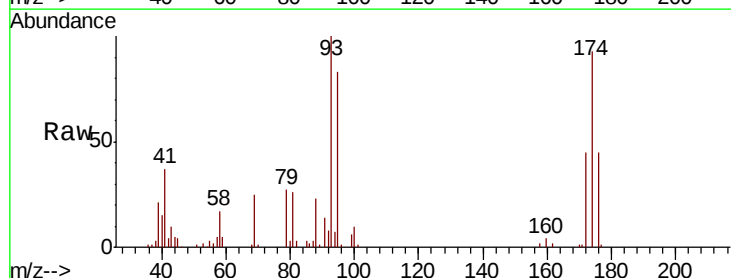
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

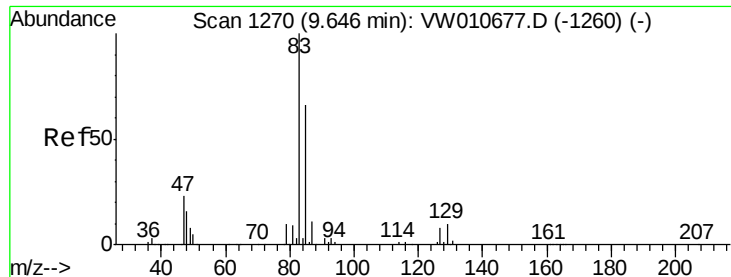
Tgt Ion: 63 Resp: 59770
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.8 35.6



#46
 Dibromomethane
 Concen: 19.059 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion: 93 Resp: 26118
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.8 98.8
 174 92.9 77.4 116.0

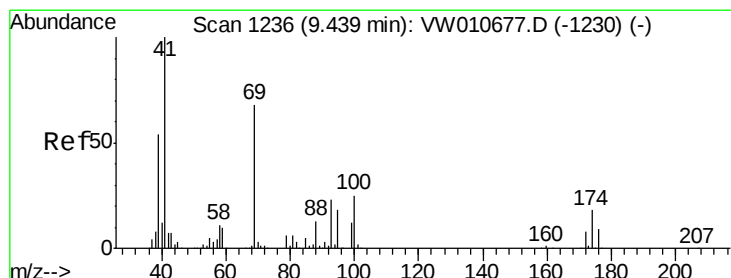
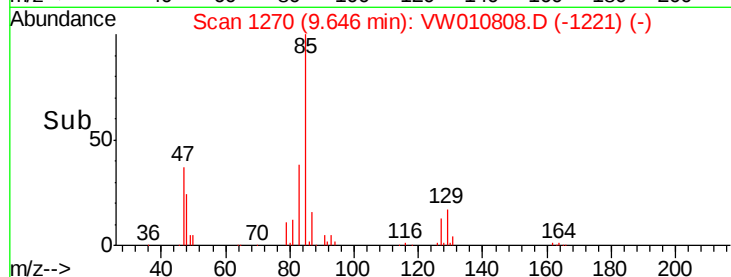
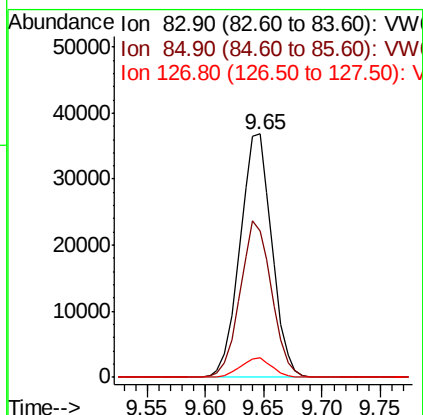
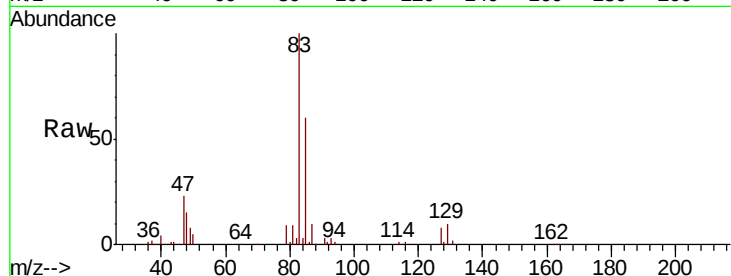




#47
Bromodichloromethane
Concen: 19.846 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

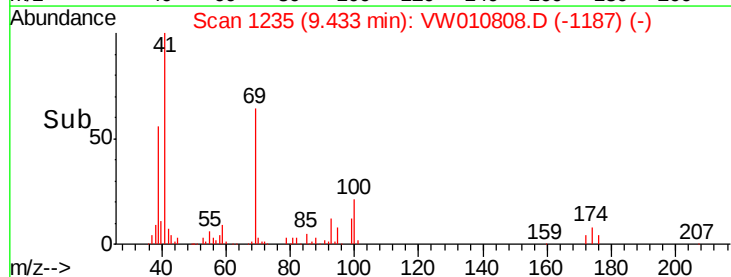
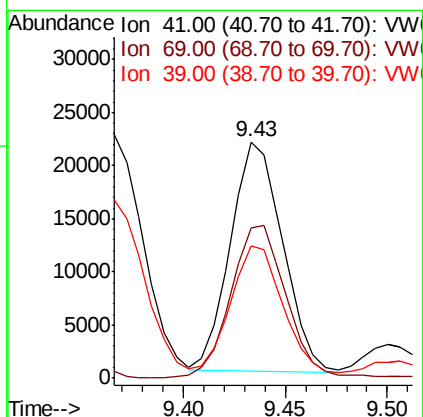
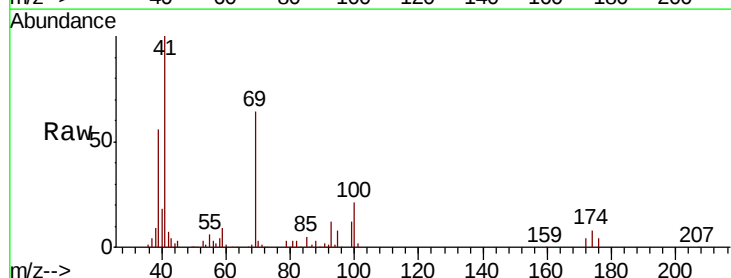
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

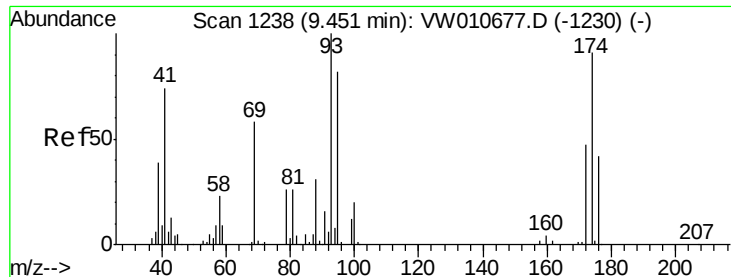
Tgt Ion: 83 Resp: 70496
Ion Ratio Lower Upper
83 100
85 60.0 53.0 79.4
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 18.141 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion: 41 Resp: 38256
Ion Ratio Lower Upper
41 100
69 71.5 56.6 85.0
39 60.6 44.4 66.6





#49

1,4-Dioxane

Concen: 299.092 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

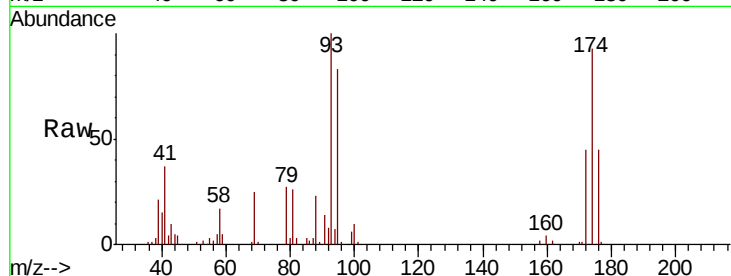
Tgt Ion: 88 Resp: 6408

Ion Ratio Lower Upper

88 100

43 44.3 34.2 51.4

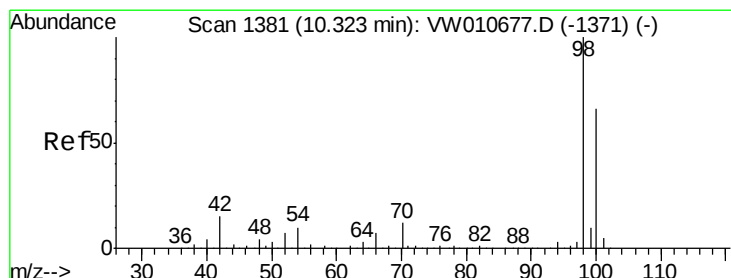
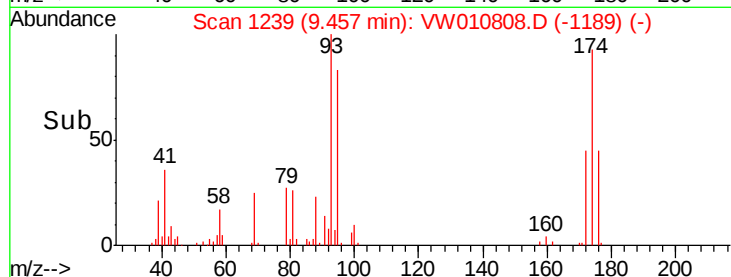
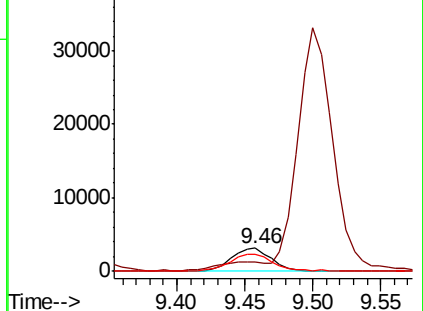
58 84.3 69.0 103.4



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.868 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010808.D

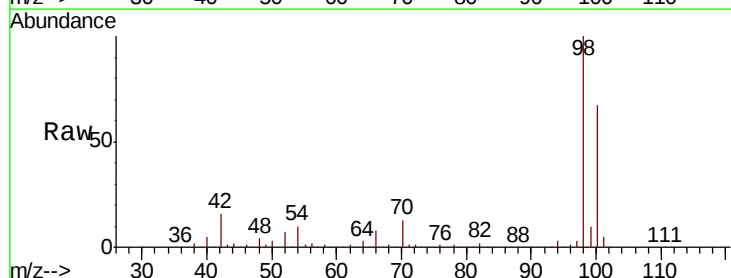
Acq: 14 Jun 2019 12:28

Tgt Ion: 98 Resp: 502234

Ion Ratio Lower Upper

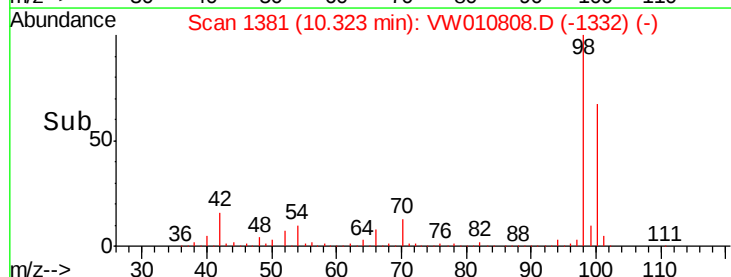
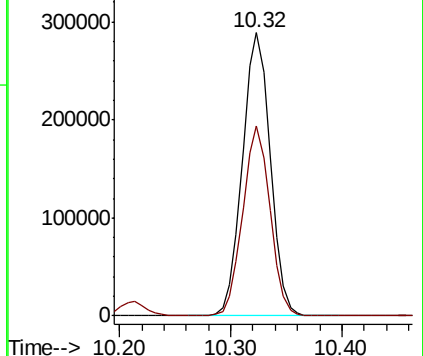
98 100

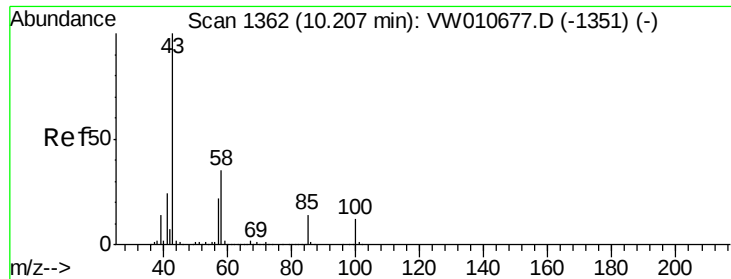
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

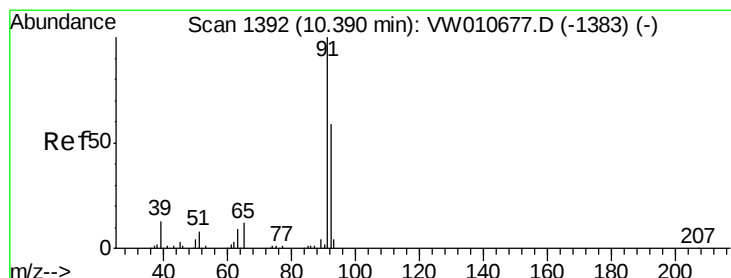
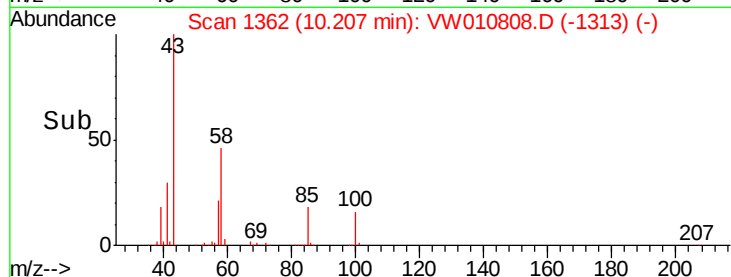
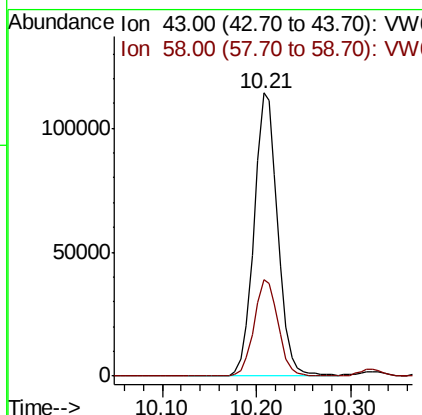
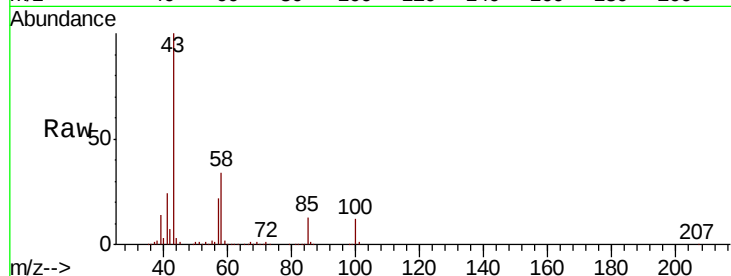




#51
 4-Methyl-2-Pentanone
 Concen: 90.173 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

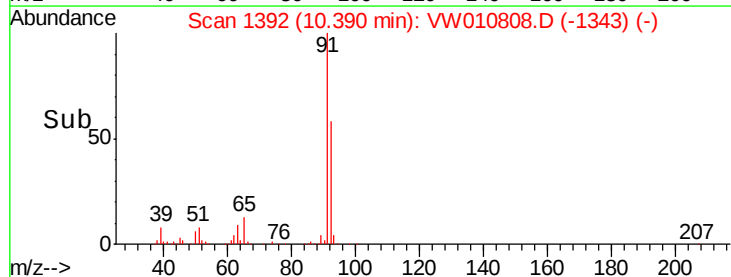
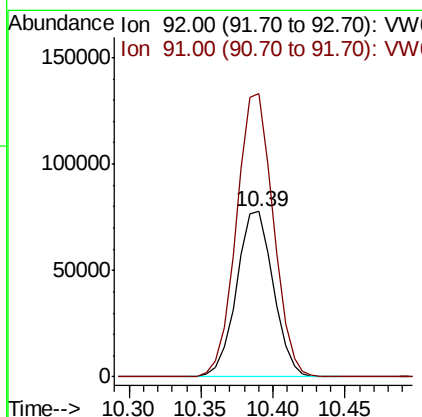
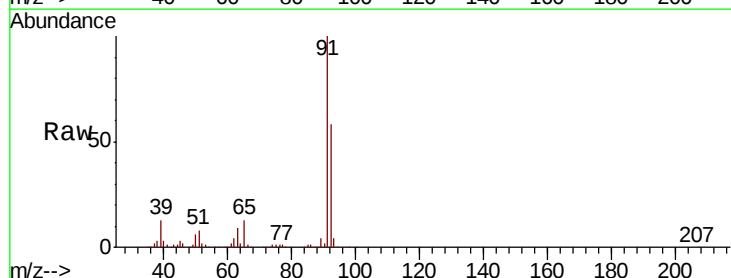
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

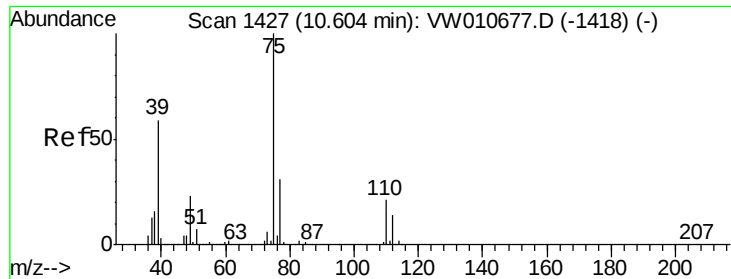
Tgt Ion: 43 Resp: 201485
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.4 42.6



#52
 Toluene
 Concen: 20.058 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion: 92 Resp: 137549
 Ion Ratio Lower Upper
 92 100
 91 172.1 134.9 202.3

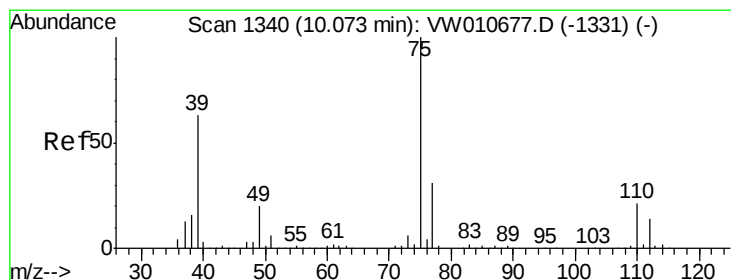
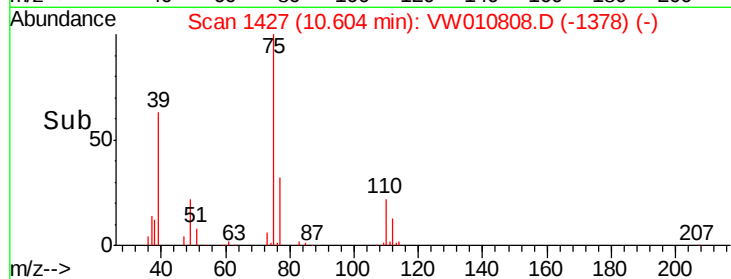
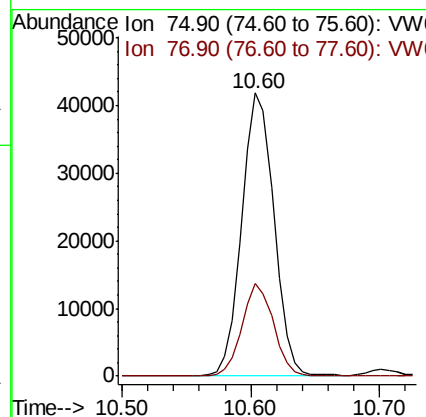
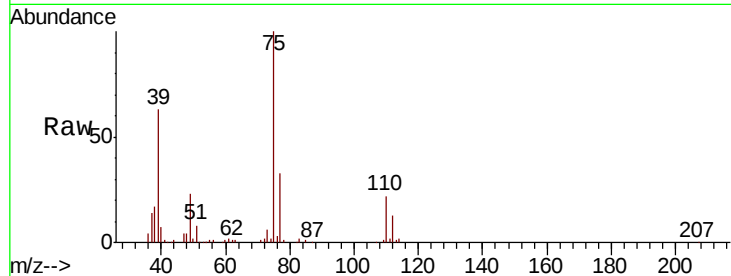




#53
t-1,3-Dichloropropene
Concen: 19.238 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

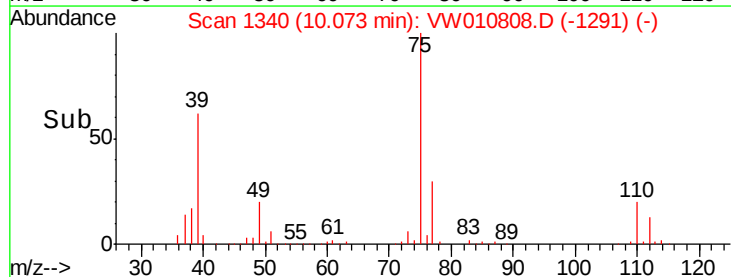
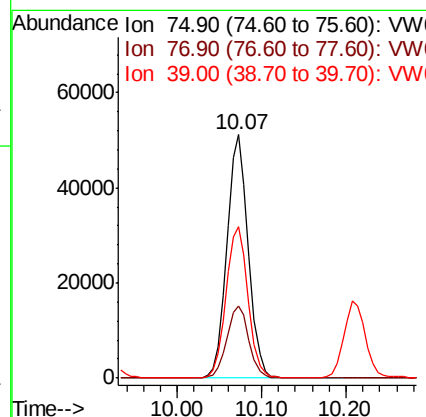
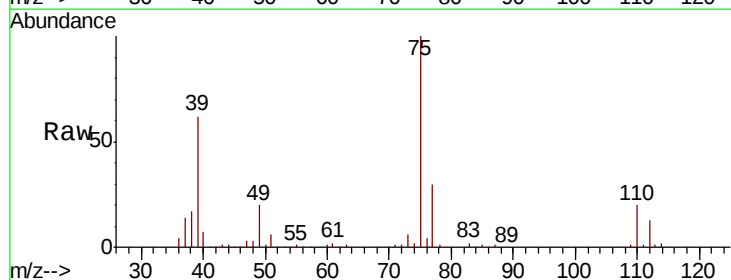
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

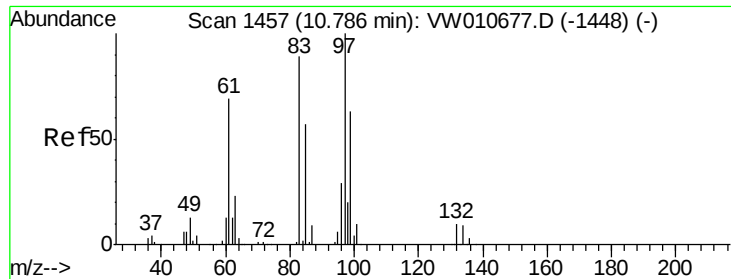
Tgt Ion: 75 Resp: 72382
Ion Ratio Lower Upper
75 100
77 32.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.046 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion: 75 Resp: 88750
Ion Ratio Lower Upper
75 100
77 29.5 25.2 37.8
39 62.0 50.1 75.1

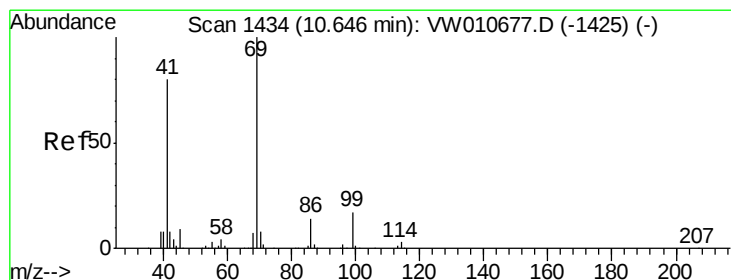
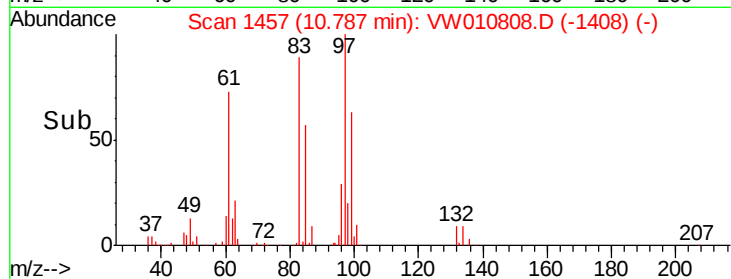
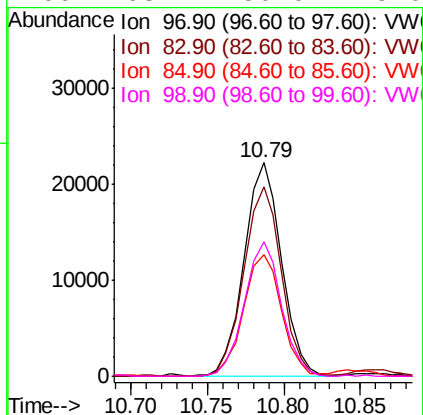
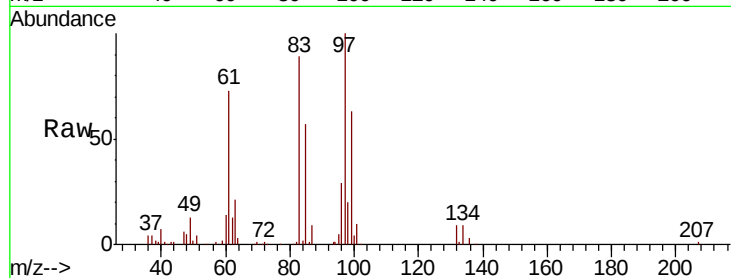




#55
 1,1,2-Trichloroethane
 Concen: 19.080 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

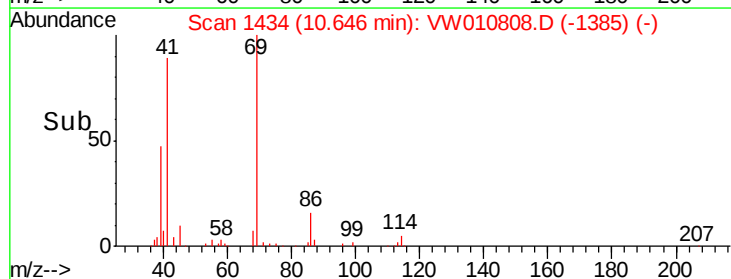
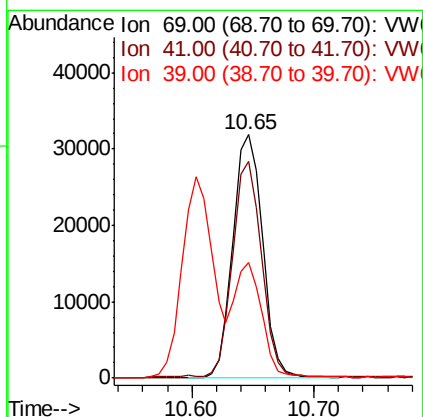
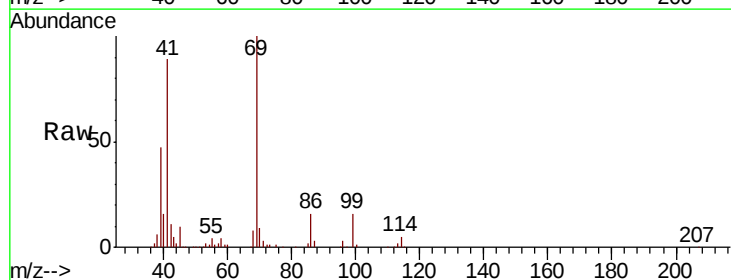
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

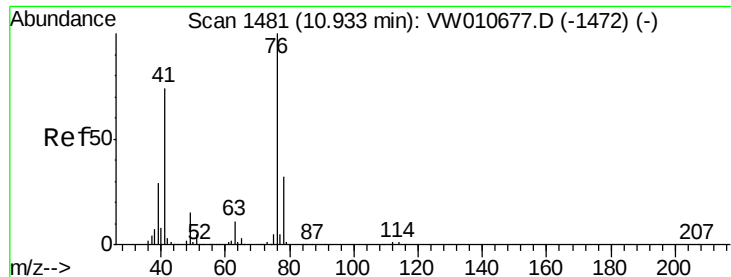
Tgt Ion: 97 Resp: 37666
 Ion Ratio Lower Upper
 97 100
 83 88.8 71.1 106.7
 85 57.4 45.2 67.8
 99 63.1 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 17.705 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion: 69 Resp: 53782
 Ion Ratio Lower Upper
 69 100
 41 87.8 64.8 97.2
 39 43.3 32.2 48.2

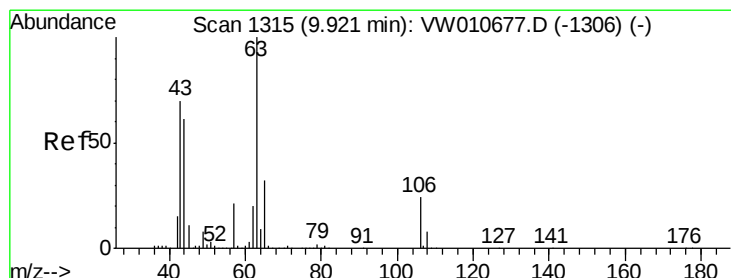
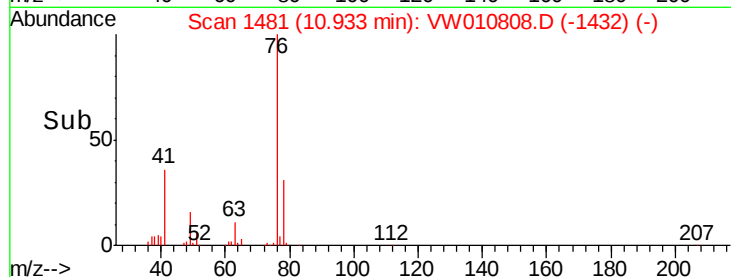
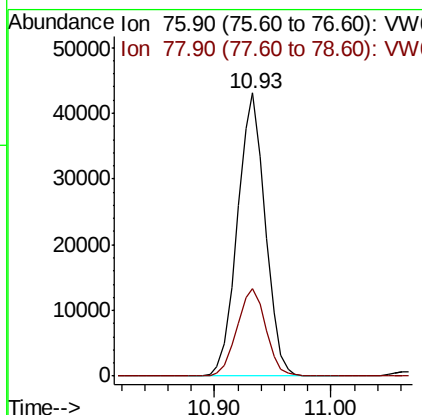
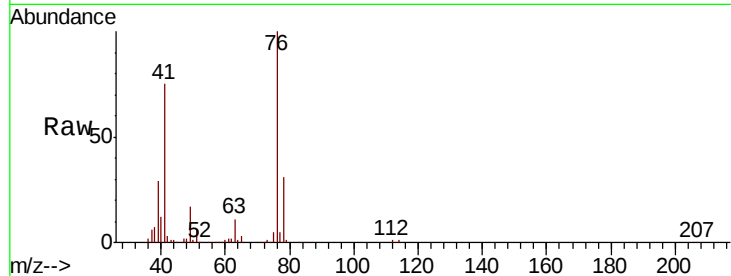




#57
 1,3-Dichloropropane
 Concen: 19.209 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

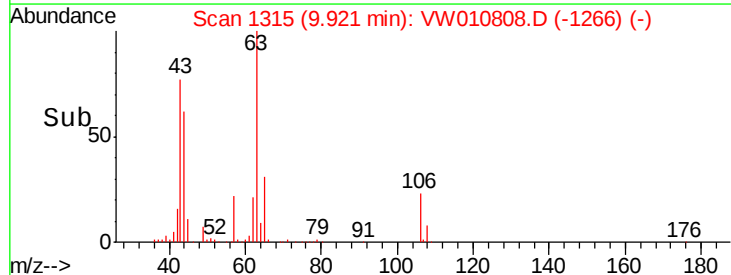
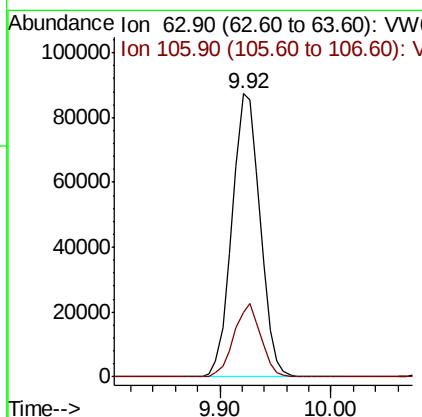
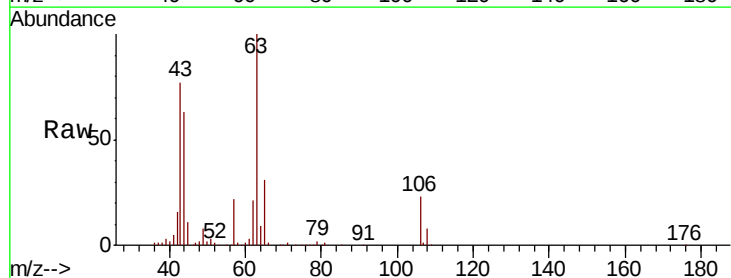
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

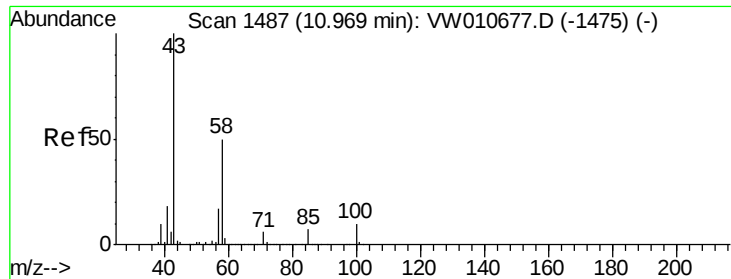
Tgt Ion: 76 Resp: 71465
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.933 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion: 63 Resp: 152636
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.1 30.1





#59

2-Hexanone

Concen: 87.706 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

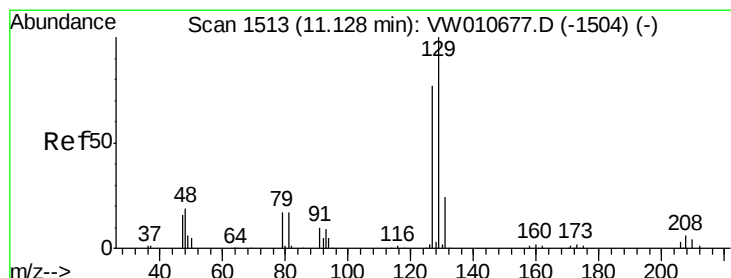
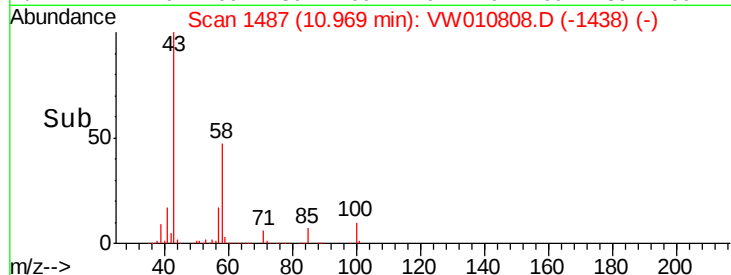
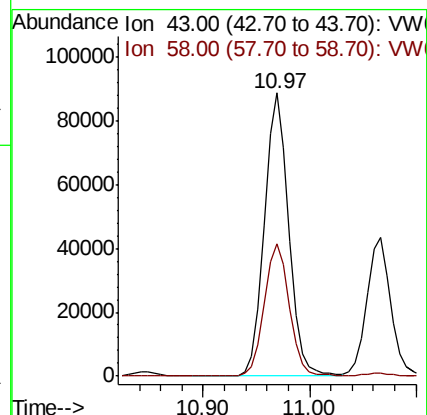
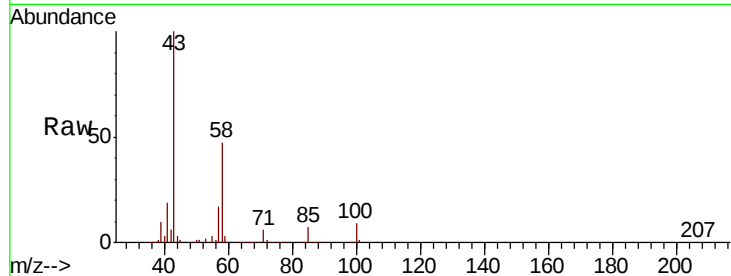
VW0614SBS01

Tgt Ion: 43 Resp: 141634

Ion Ratio Lower Upper

43 100

58 48.2 24.9 74.6



#60

Dibromochloromethane

Concen: 18.888 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW010808.D

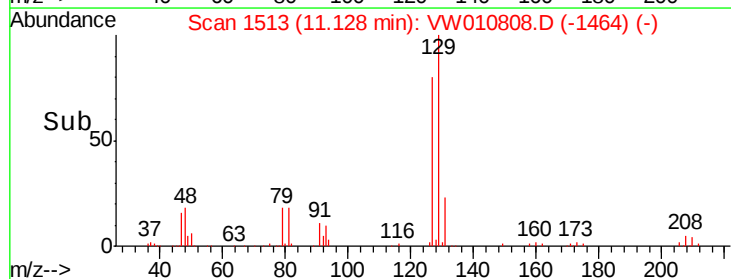
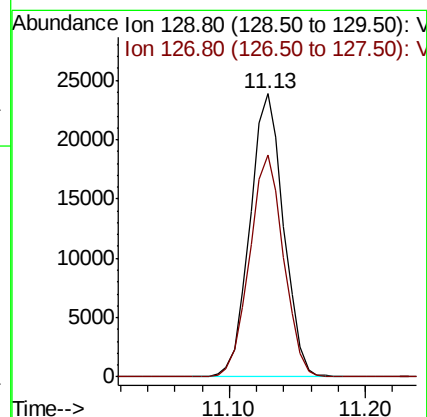
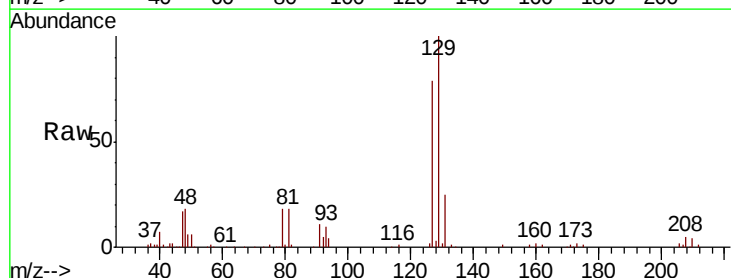
Acq: 14 Jun 2019 12:28

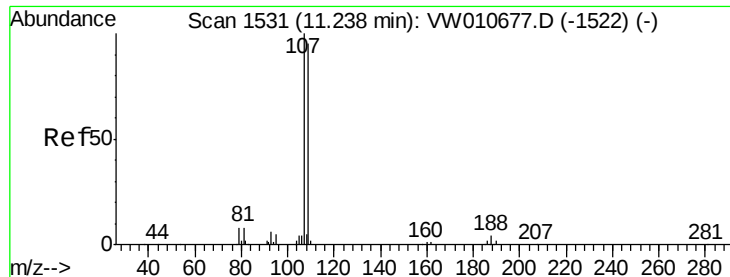
Tgt Ion: 129 Resp: 41335

Ion Ratio Lower Upper

129 100

127 79.2 38.6 116.0

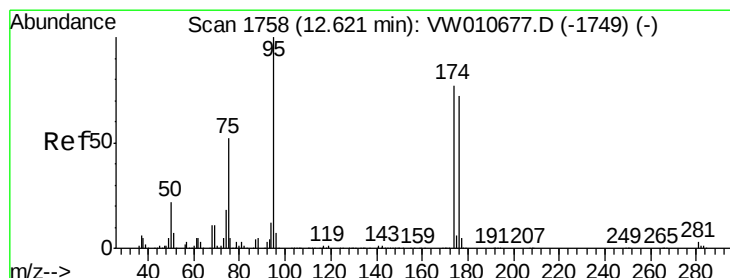
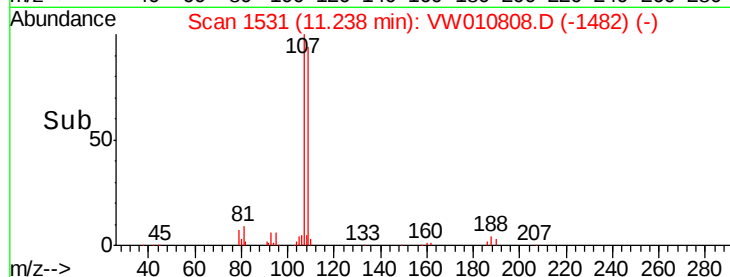
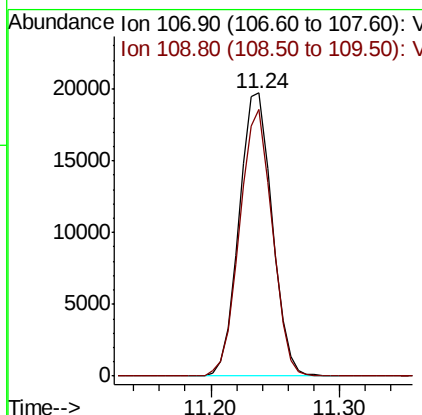
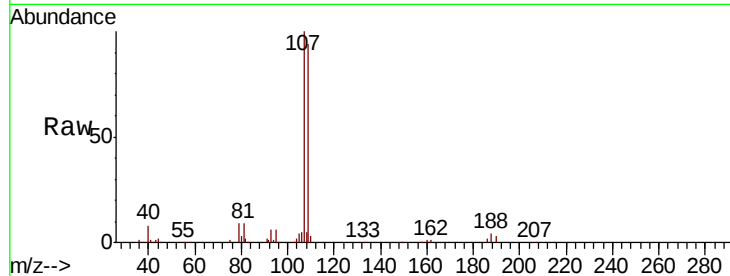




#61
 1,2-Dibromoethane
 Concen: 18.727 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

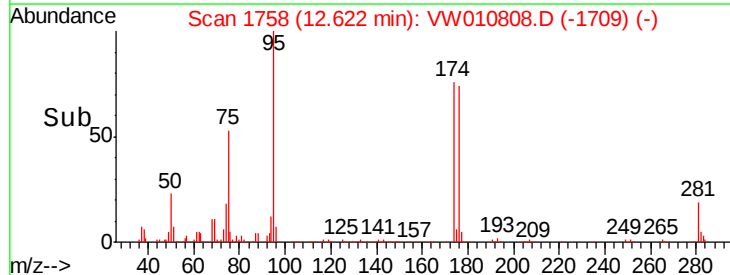
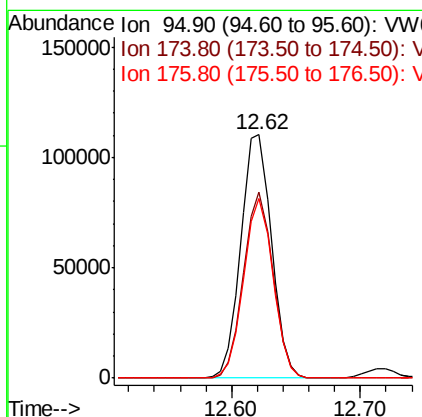
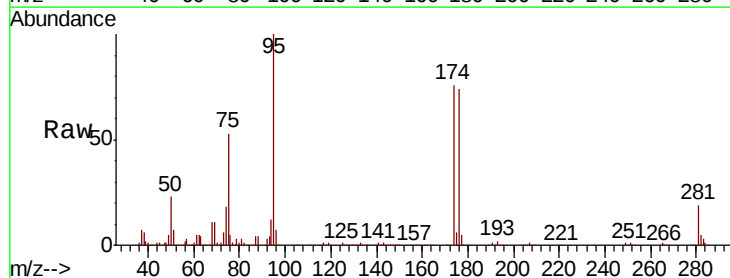
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

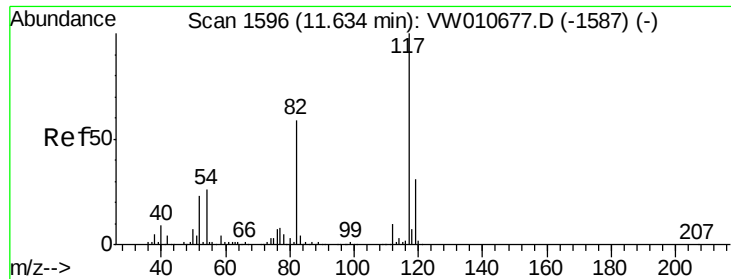
Tgt Ion: 107 Resp: 35027
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.568 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion: 95 Resp: 181718
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 150.4
 176 70.7 0.0 144.8

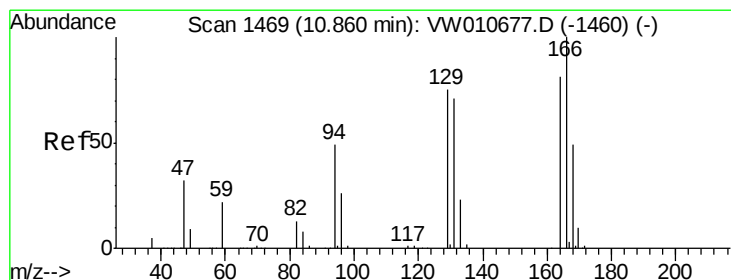
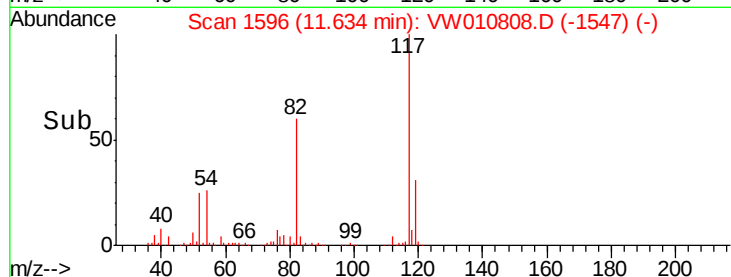
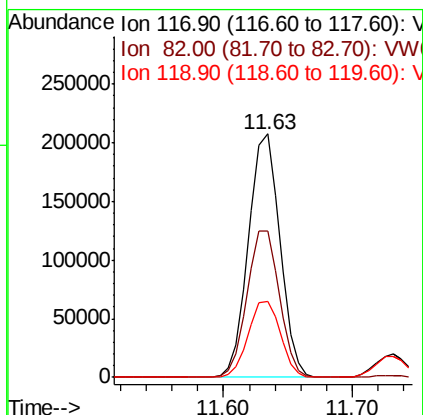
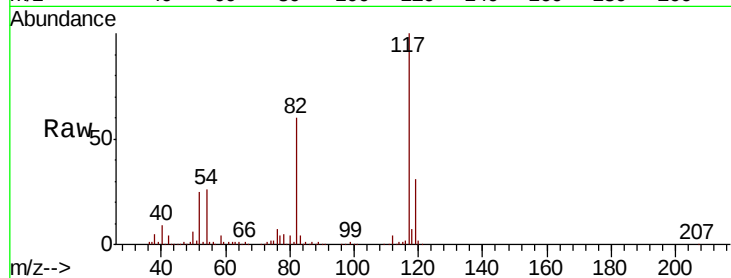




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

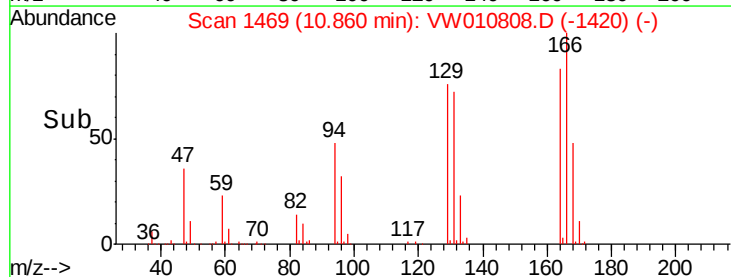
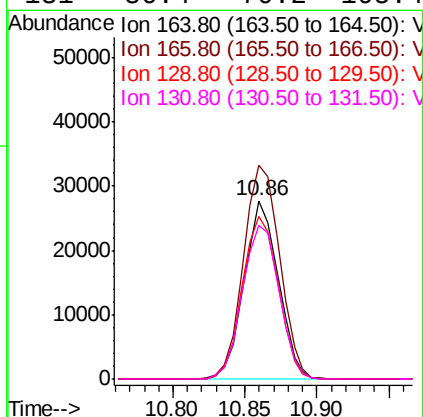
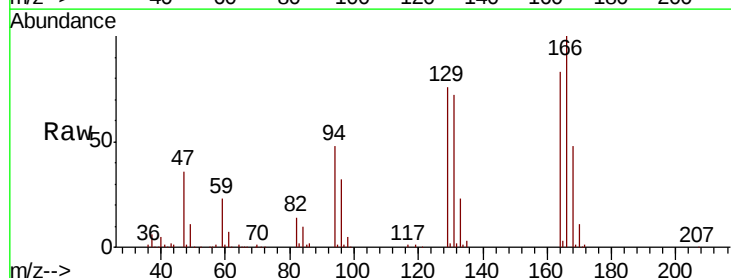
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

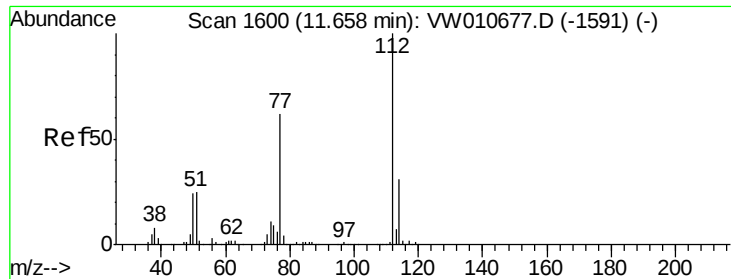
Tgt Ion:117 Resp: 350245
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.4
119 31.2 25.1 37.7



#64
Tetrachloroethene
Concen: 19.523 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion:164 Resp: 45401
Ion Ratio Lower Upper
164 100
166 119.9 99.2 148.8
129 91.5 74.6 112.0
131 86.4 70.2 105.4

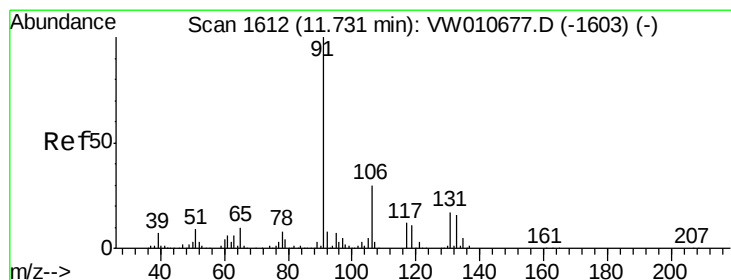
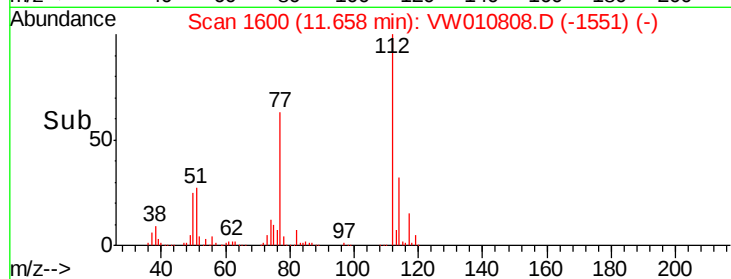
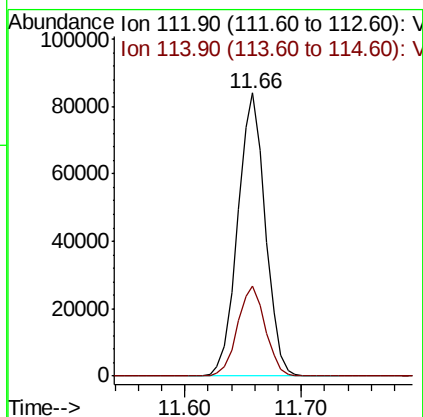
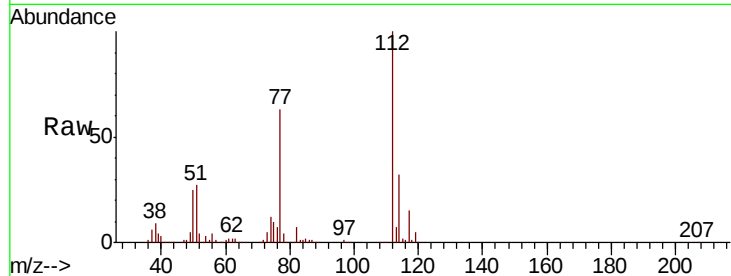




#65
Chlorobenzene
Concen: 20.166 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

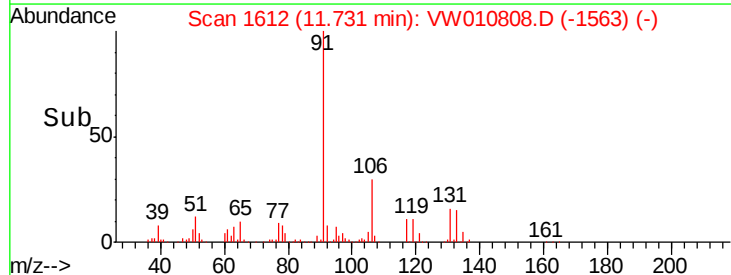
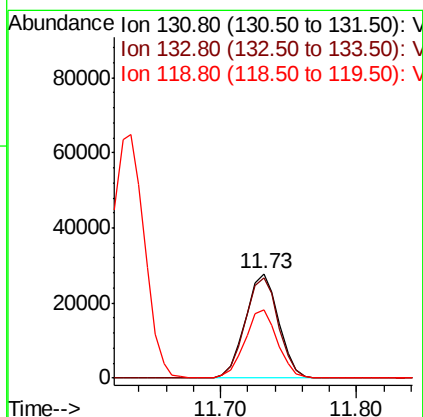
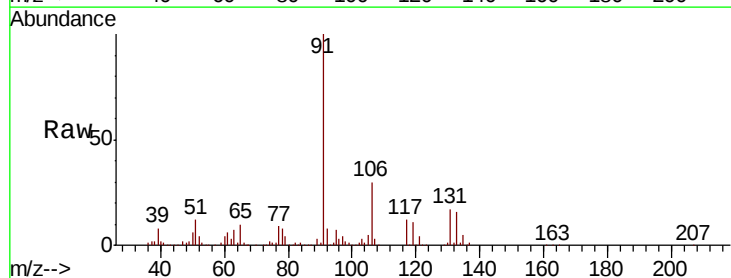
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

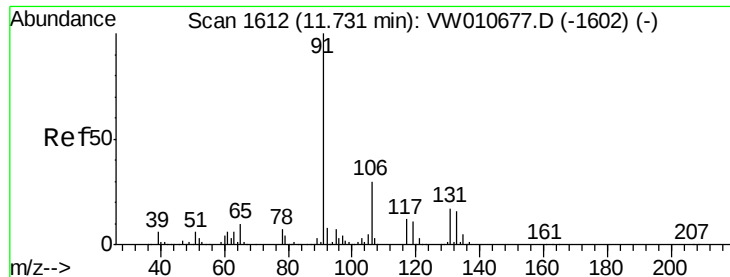
Tgt Ion:112 Resp: 138893
Ion Ratio Lower Upper
112 100
114 32.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.994 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion:131 Resp: 47671
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.9
119 64.5 32.4 97.0

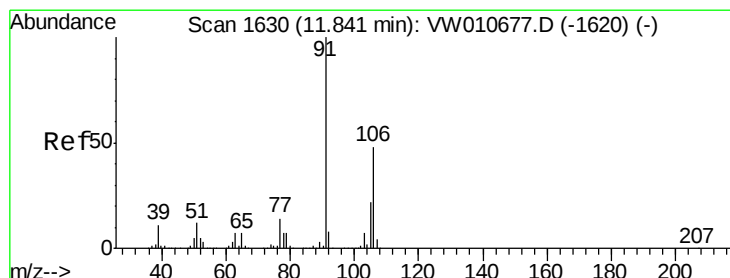
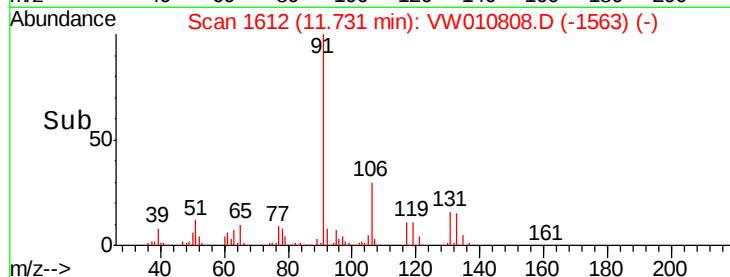
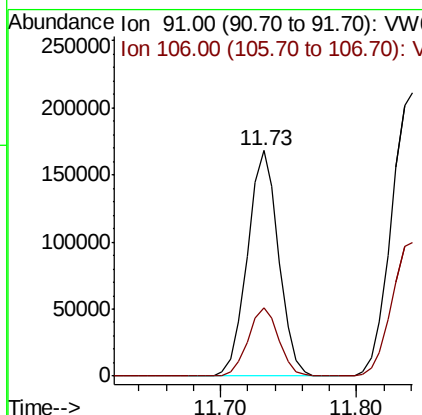
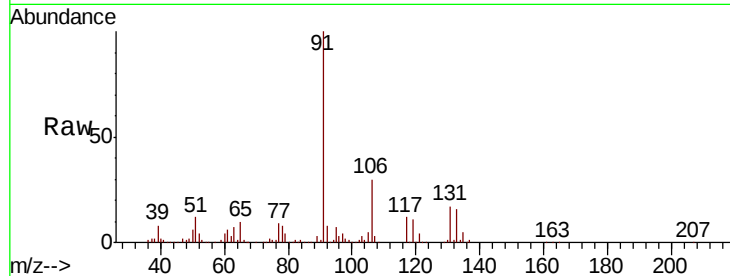




#67
Ethyl Benzene
Concen: 20.366 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

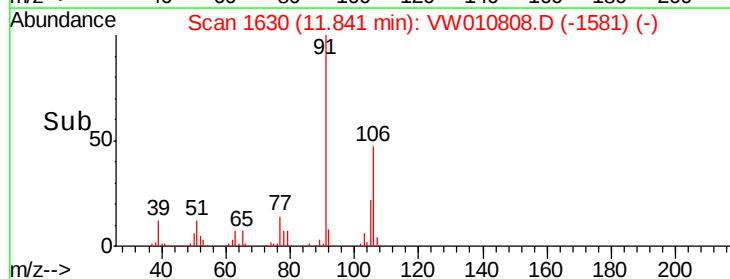
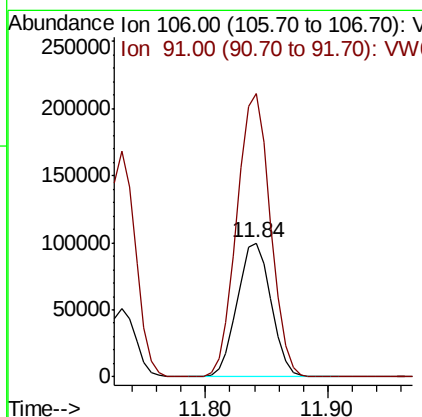
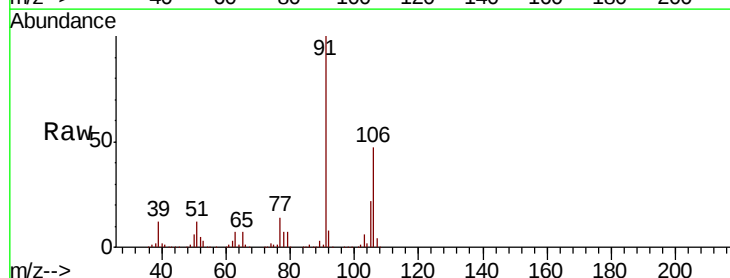
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

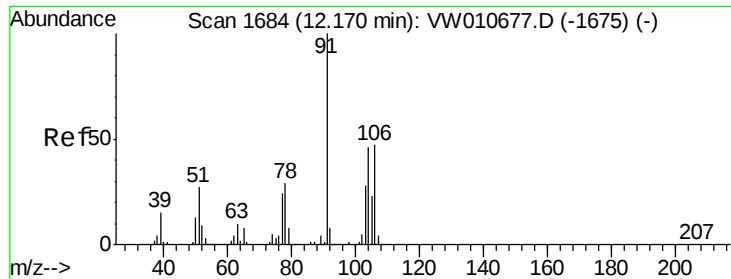
Tgt Ion: 91 Resp: 269580
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 40.407 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion: 106 Resp: 191465
Ion Ratio Lower Upper
106 100
91 209.3 166.5 249.7

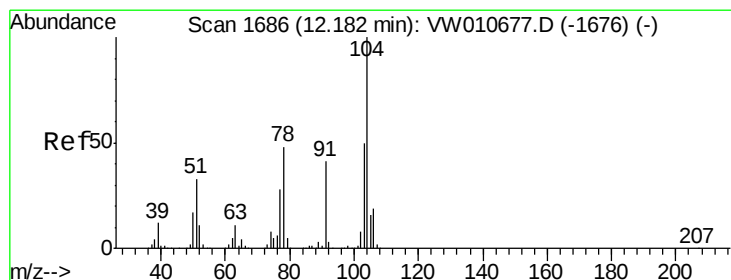
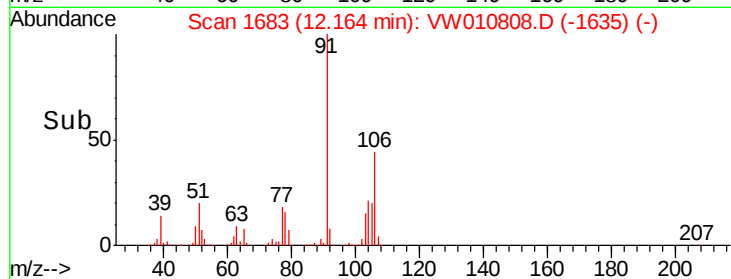
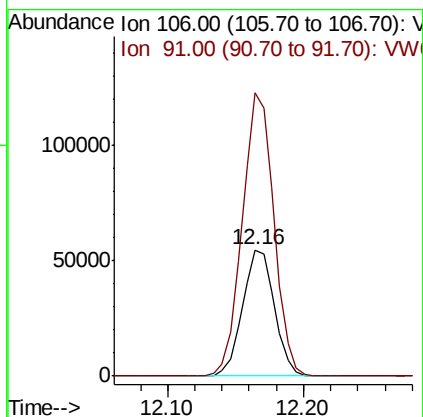
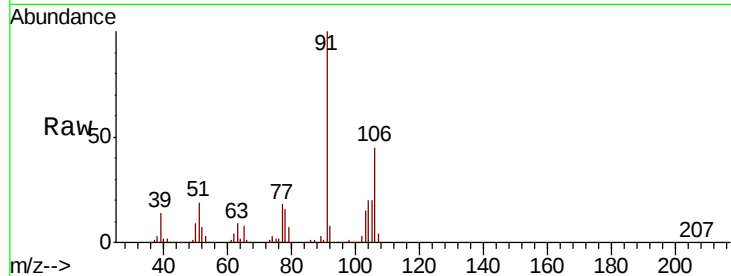




#69
o-Xylene
Concen: 19.918 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

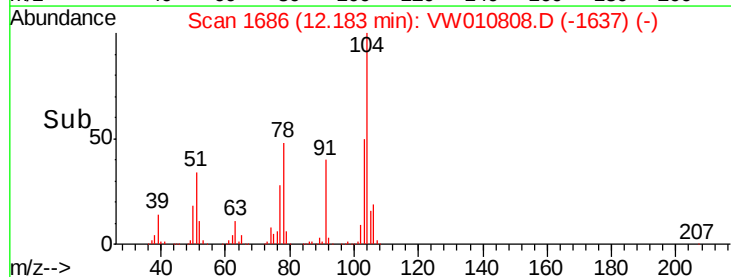
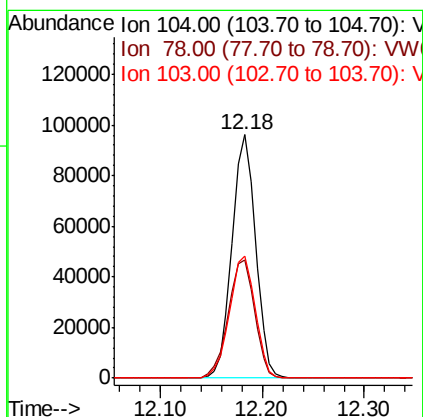
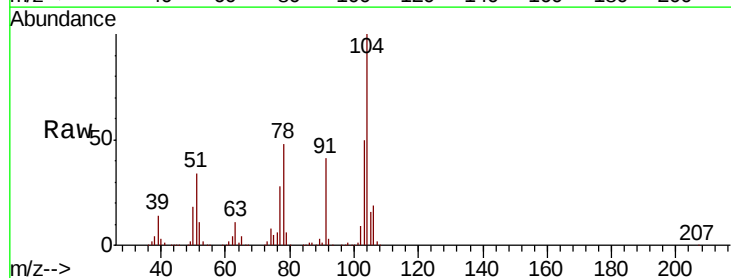
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

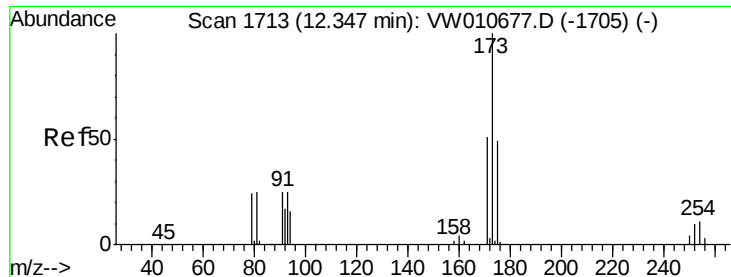
Tgt Ion:106 Resp: 89514
Ion Ratio Lower Upper
106 100
91 222.7 108.9 326.6



#70
Styrene
Concen: 19.683 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion:104 Resp: 153660
Ion Ratio Lower Upper
104 100
78 54.4 42.7 64.1
103 54.9 43.6 65.4

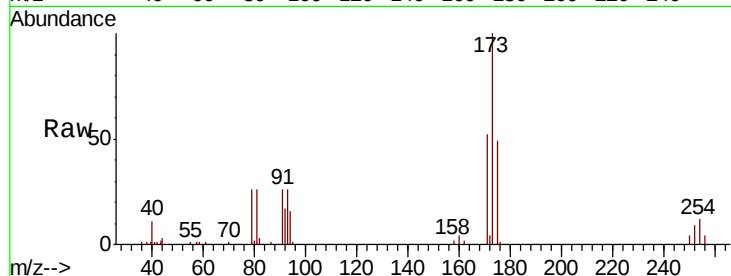




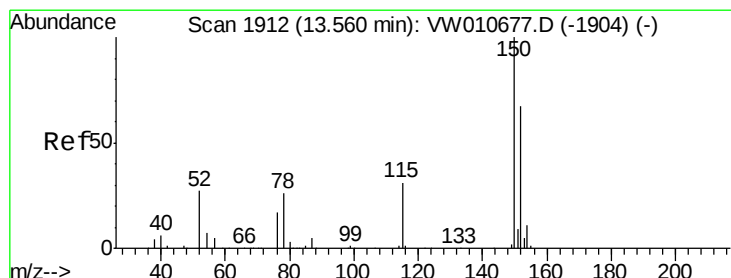
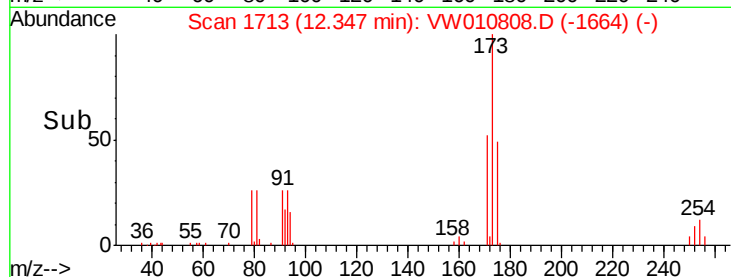
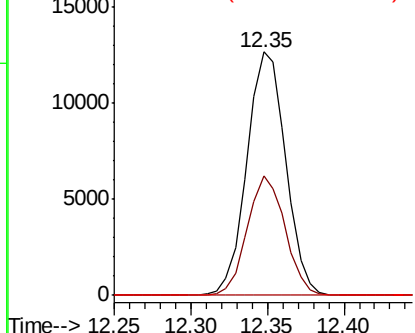
#71
Bromoform
Concen: 18.076 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tgt Ion:173 Resp: 22289
Ion Ratio Lower Upper
173 100
175 47.6 24.3 72.8
254 0.0 0.1 0.1#

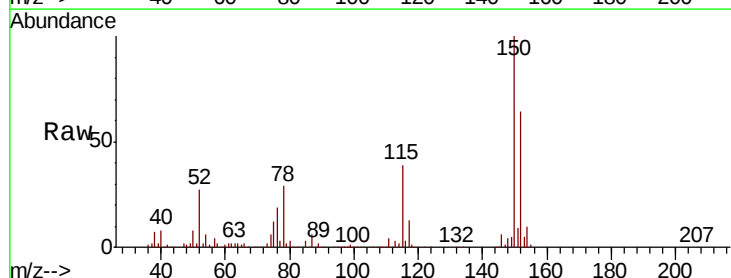


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

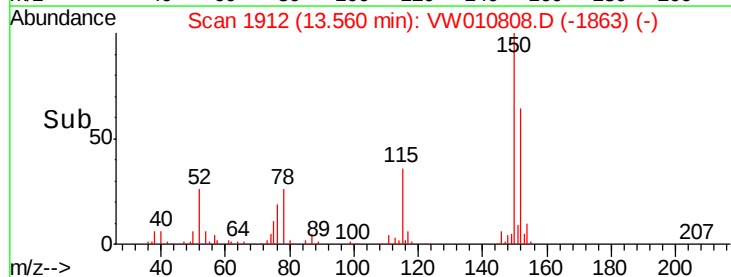
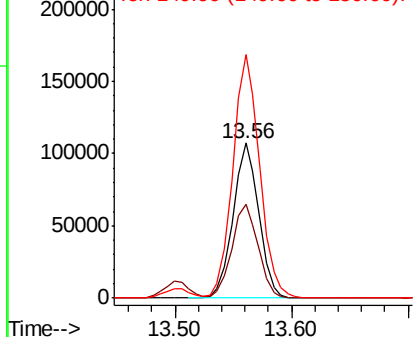


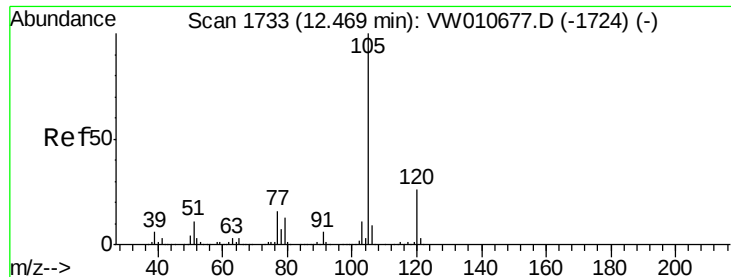
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010808.D
Acq: 14 Jun 2019 12:28

Tgt Ion:152 Resp: 164466
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 163.8 0.0 345.0



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





#73

Isopropylbenzene

Concen: 20.639 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

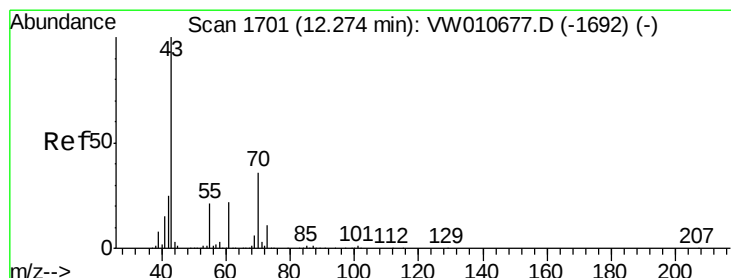
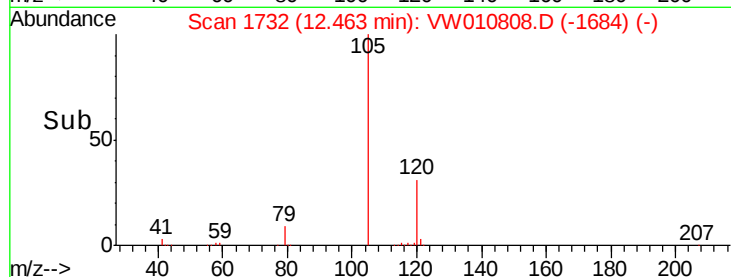
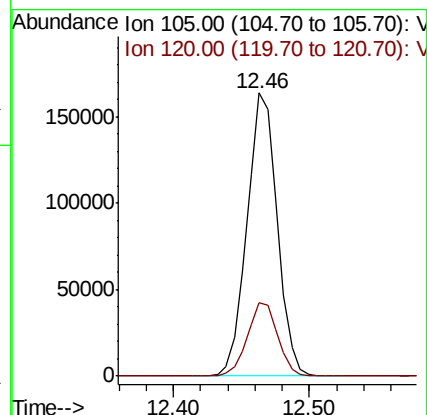
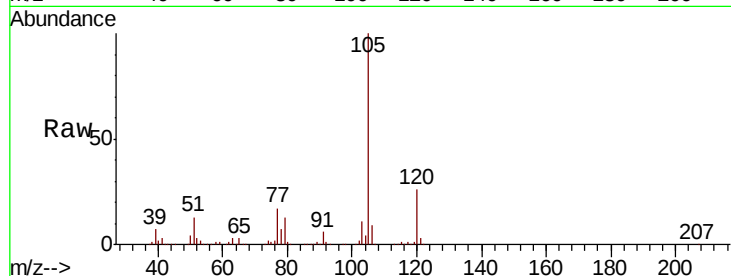
VW0614SBS01

Tgt Ion:105 Resp: 255080

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 18.424 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Tgt Ion: 43 Resp: 73589

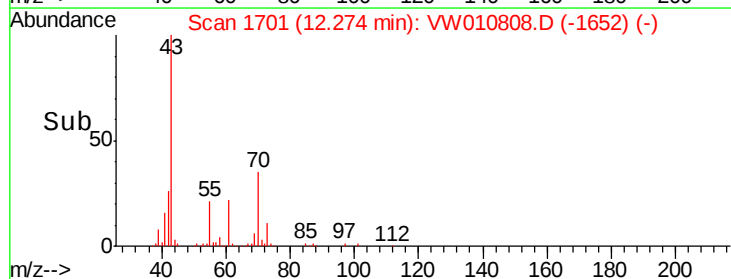
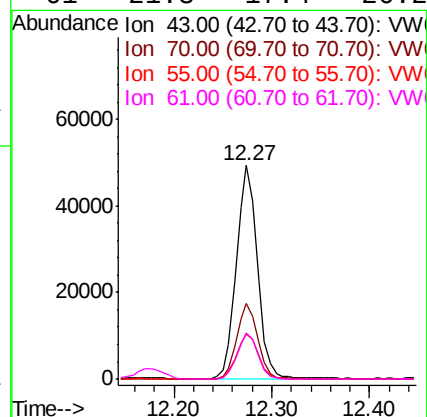
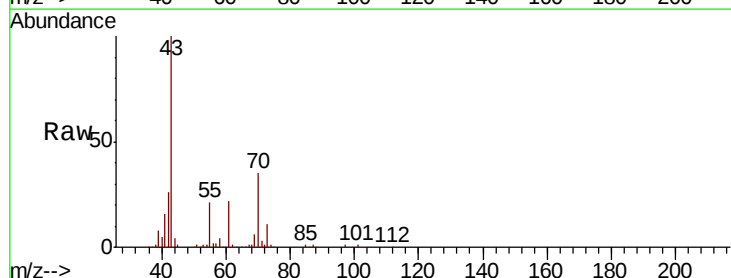
Ion Ratio Lower Upper

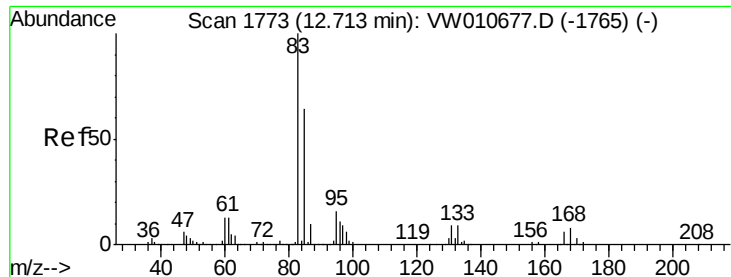
43 100

70 35.2 29.2 43.8

55 21.8 17.5 26.3

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.892 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

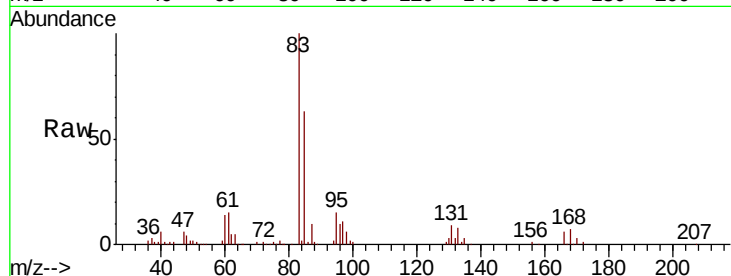
Tgt Ion: 83 Resp: 44450

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

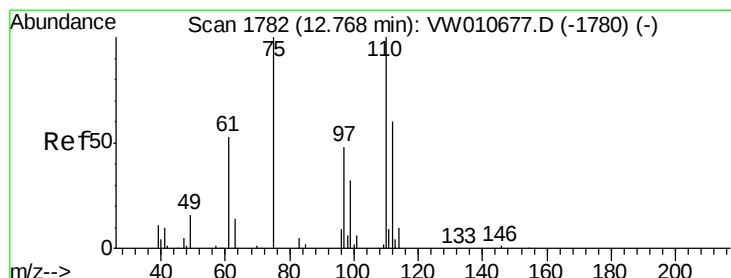
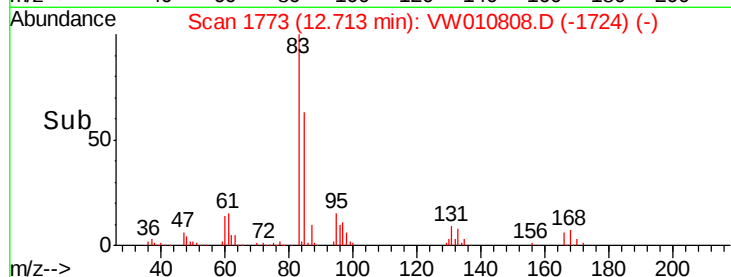
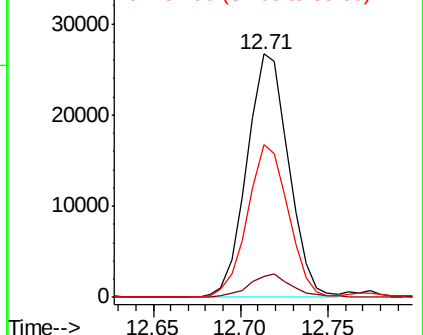
85 61.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.685 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010808.D

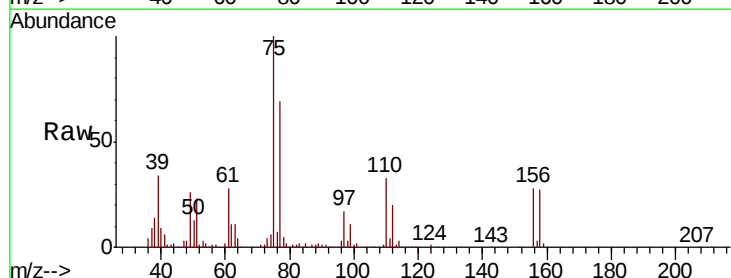
Acq: 14 Jun 2019 12:28

Tgt Ion: 75 Resp: 58178

Ion Ratio Lower Upper

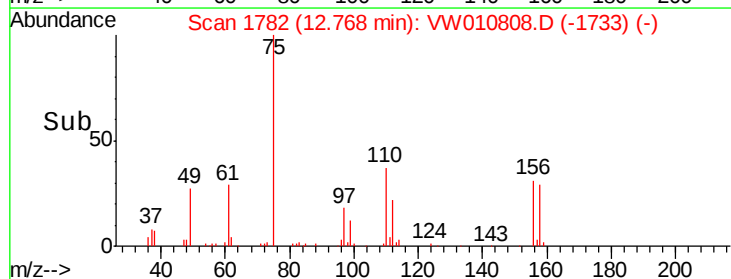
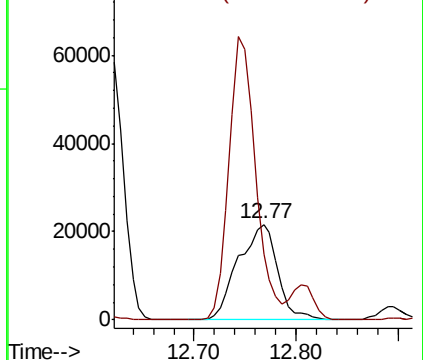
75 100

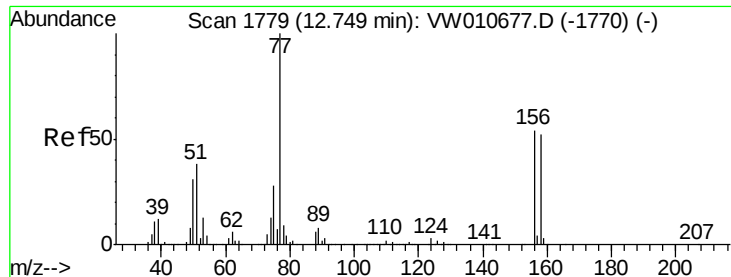
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.051 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

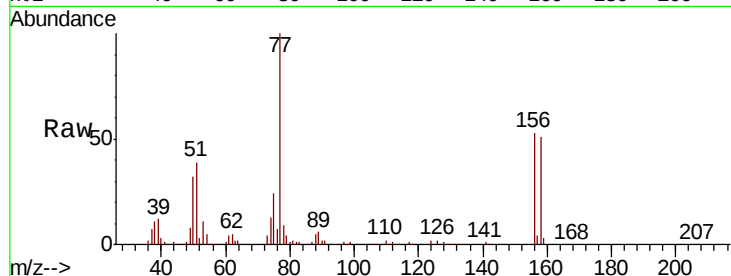
Tgt Ion:156 Resp: 54093

Ion Ratio Lower Upper

156 100

77 215.5 106.5 319.4

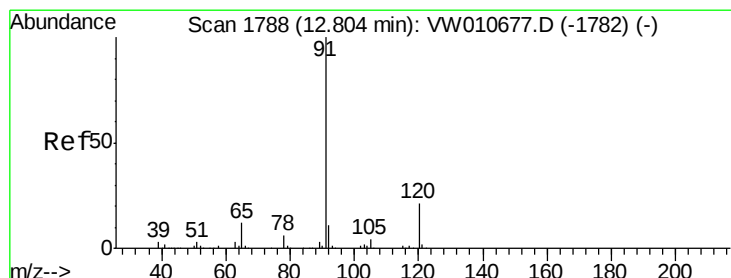
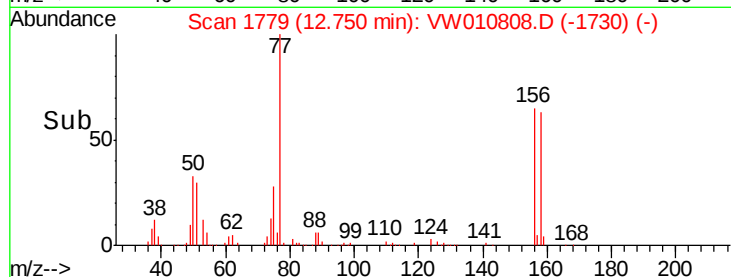
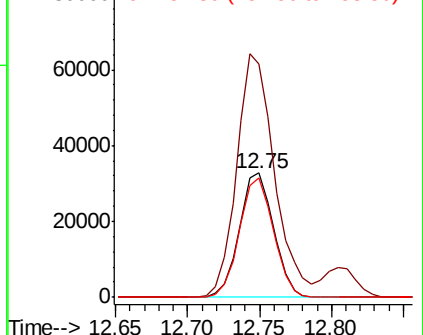
158 95.3 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.622 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010808.D

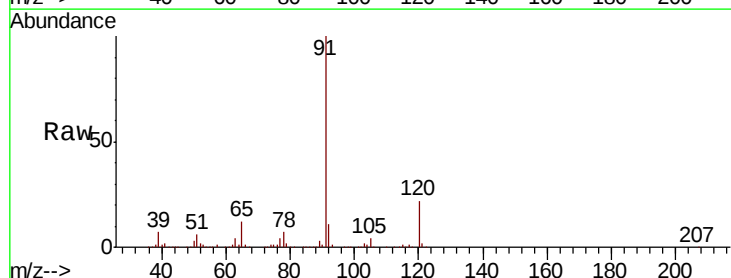
Acq: 14 Jun 2019 12:28

Tgt Ion: 91 Resp: 307321

Ion Ratio Lower Upper

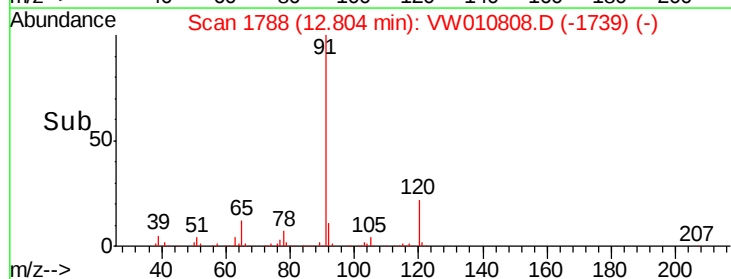
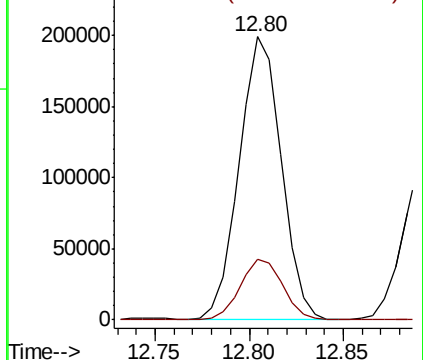
91 100

120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.653 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

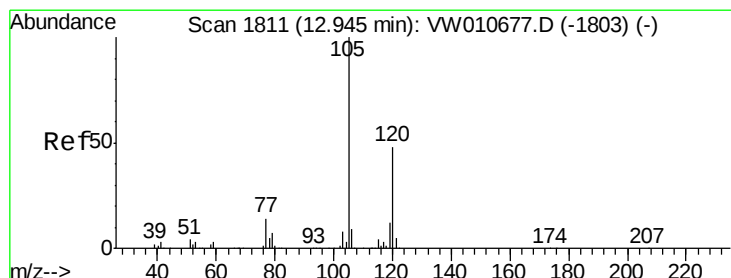
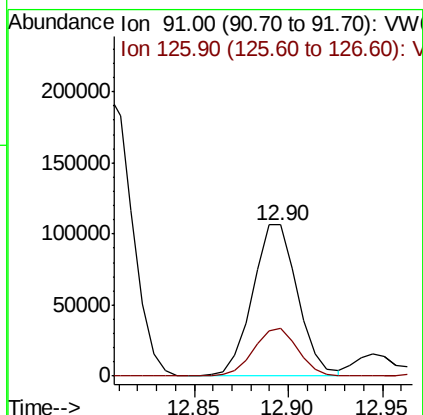
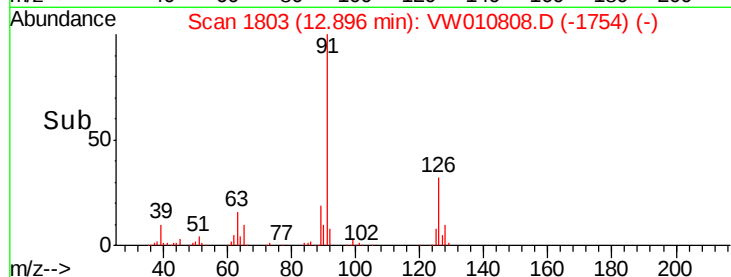
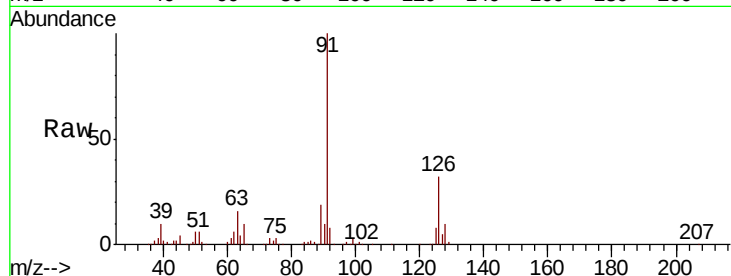
VW0614SBS01

Tgt Ion: 91 Resp: 175842

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 20.540 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010808.D

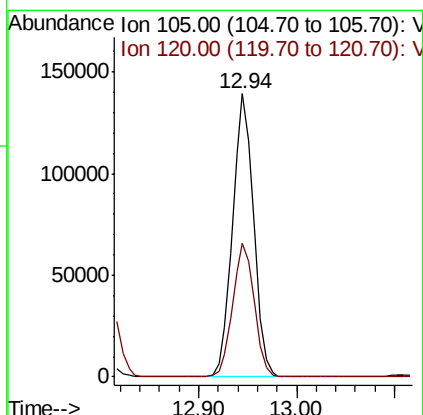
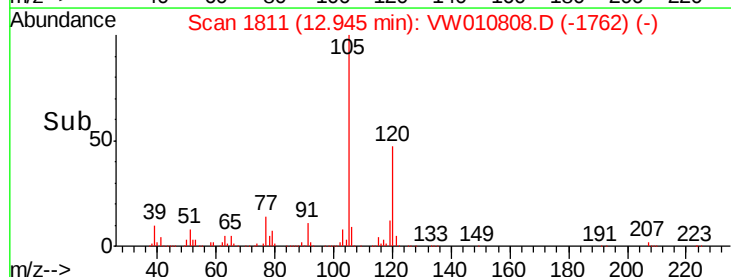
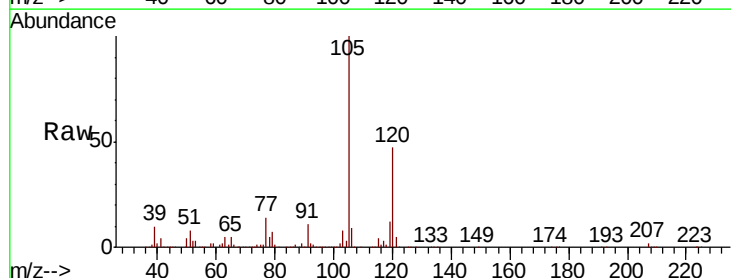
Acq: 14 Jun 2019 12:28

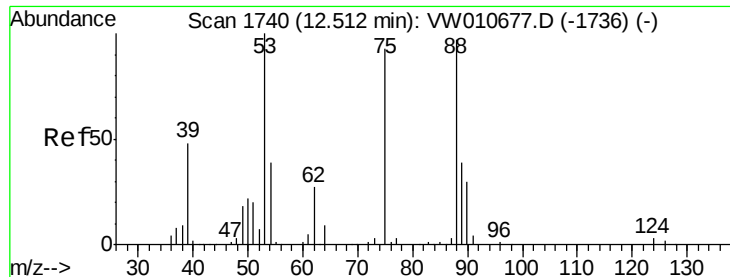
Tgt Ion:105 Resp: 207785

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.248 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

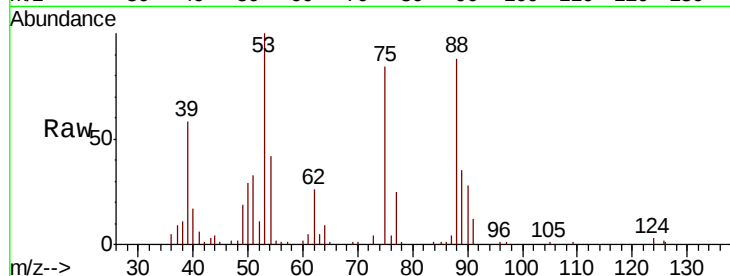
Tgt Ion: 75 Resp: 12961

Ion Ratio Lower Upper

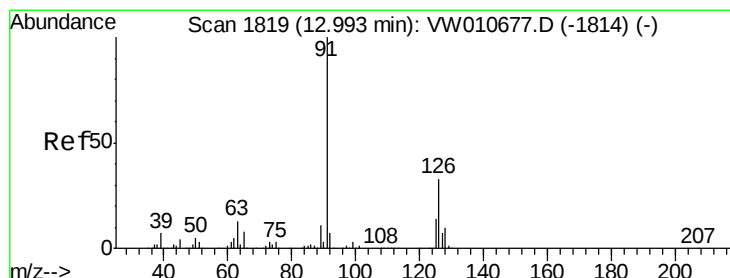
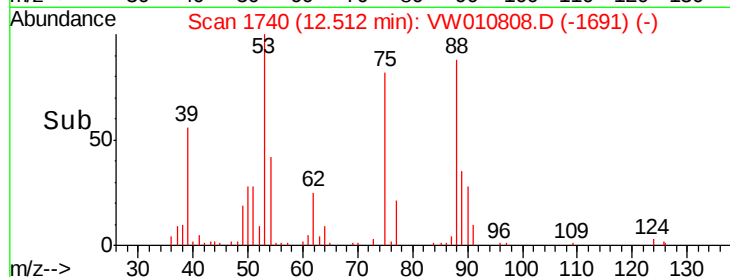
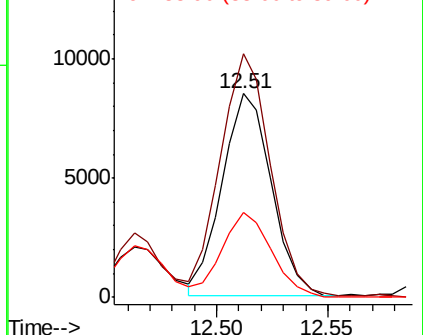
75 100

53 124.9 90.1 135.1

89 42.9 34.6 52.0



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: 20.742 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW010808.D

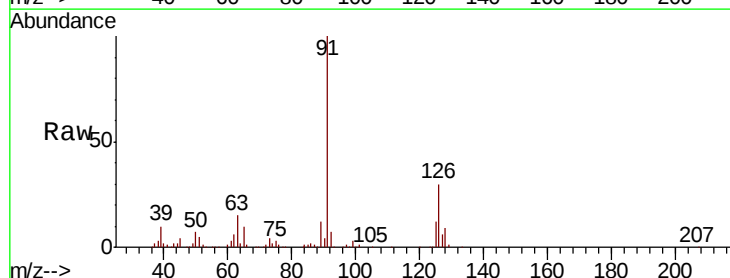
Acq: 14 Jun 2019 12:28

Tgt Ion: 91 Resp: 182241

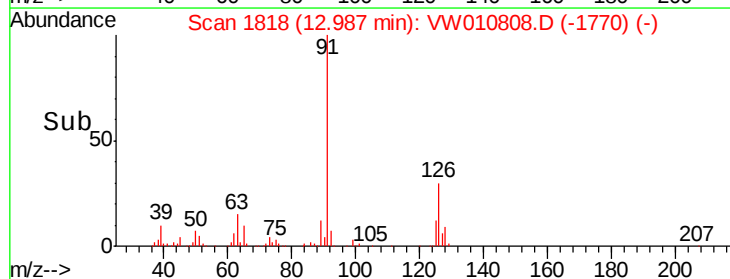
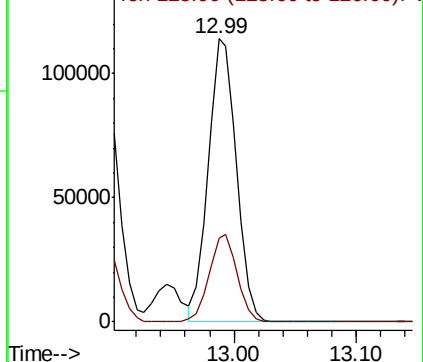
Ion Ratio Lower Upper

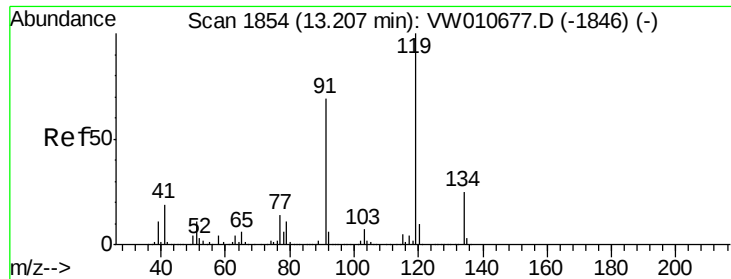
91 100

126 30.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

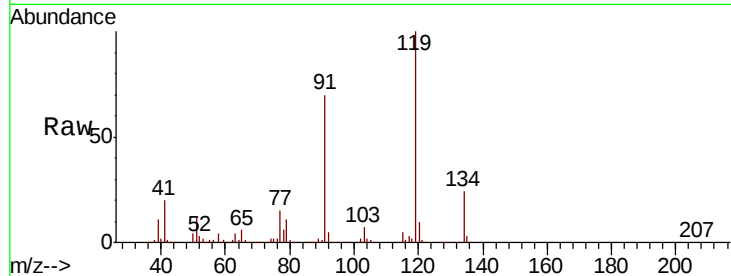




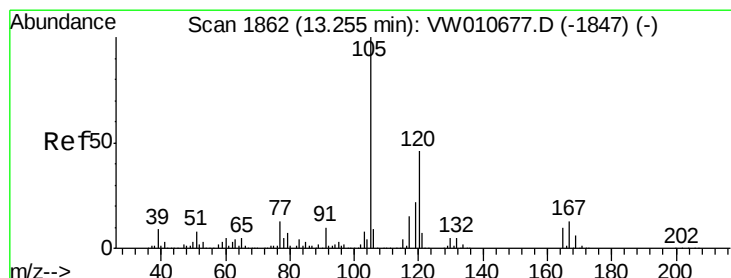
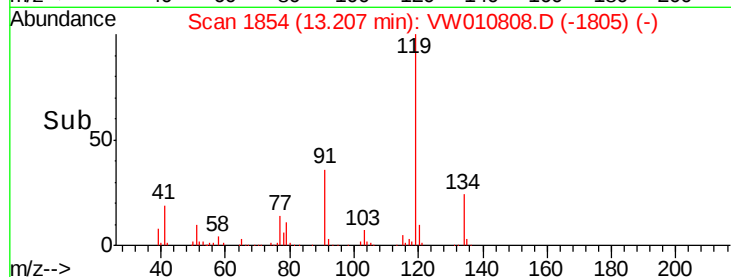
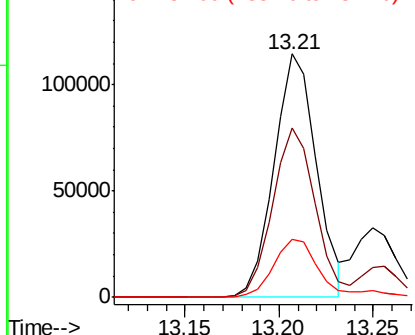
#83
 tert-Butylbenzene
 Concen: 20.730 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tgt Ion:119 Resp: 177972
 Ion Ratio Lower Upper
 119 100
 91 70.5 35.1 105.3
 134 26.5 13.6 40.7

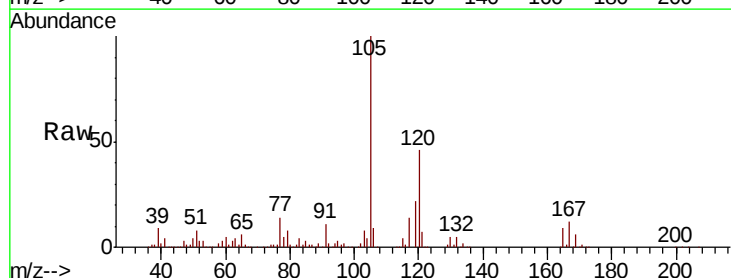


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

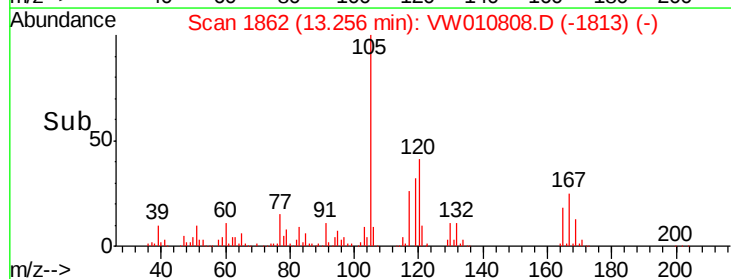
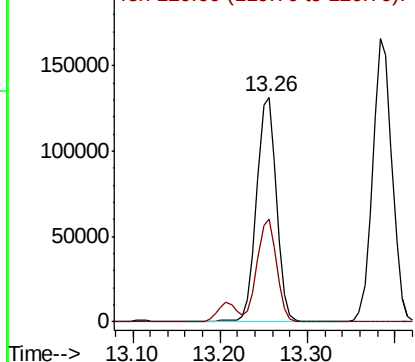


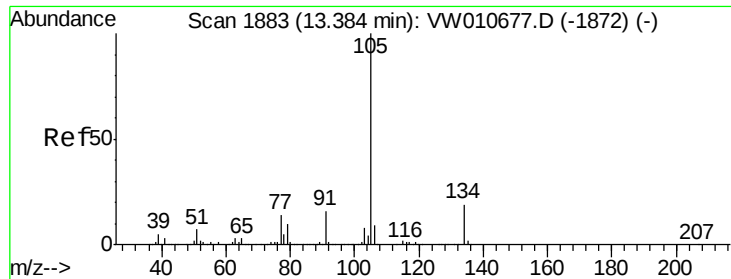
#84
 1,2,4-Trimethylbenzene
 Concen: 20.357 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion:105 Resp: 207232
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

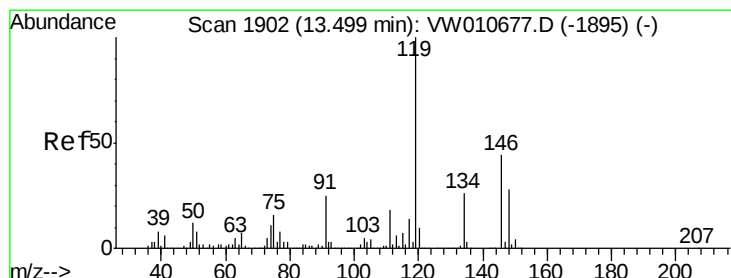
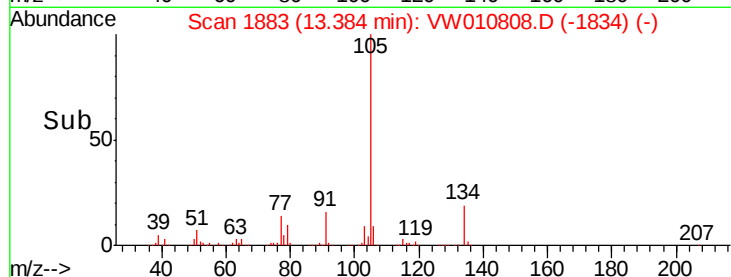
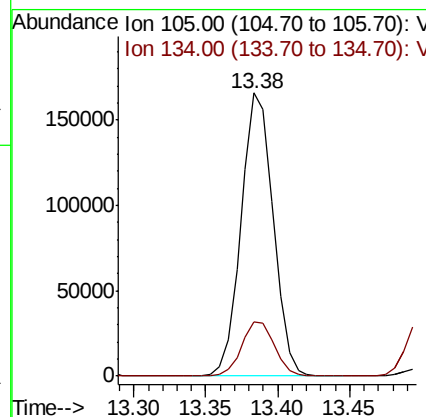
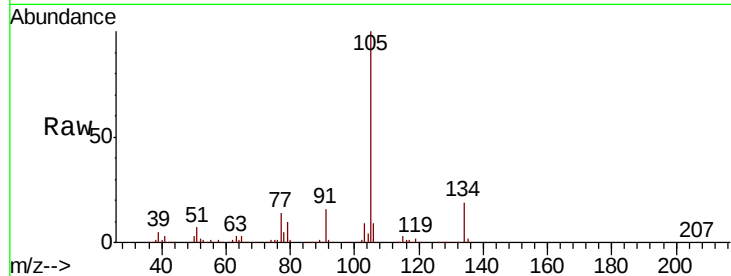




#85
 sec-Butylbenzene
 Concen: 20.492 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

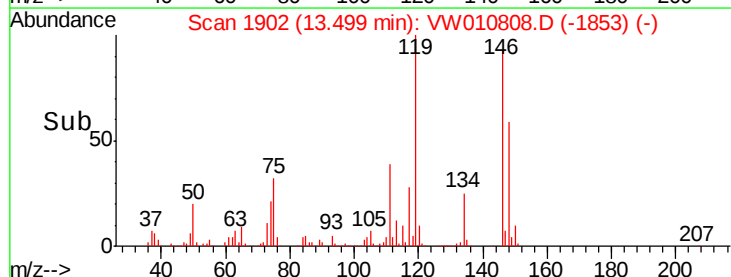
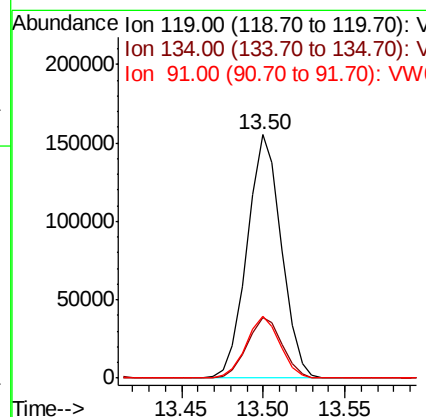
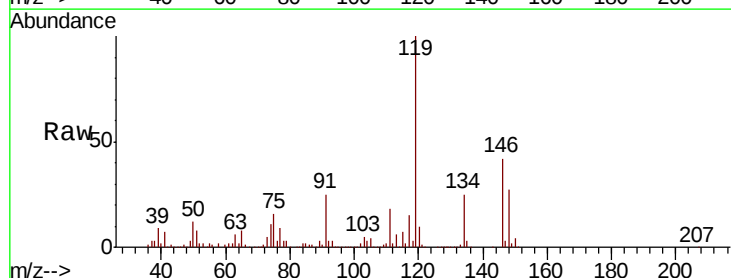
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

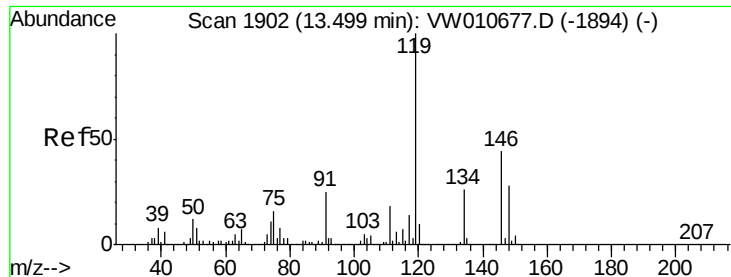
Tgt Ion:105 Resp: 256148
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.317 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion:119 Resp: 227100
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 25.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.307 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

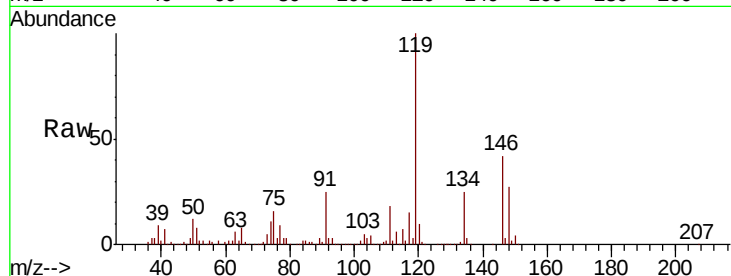
Tgt Ion:146 Resp: 105650

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

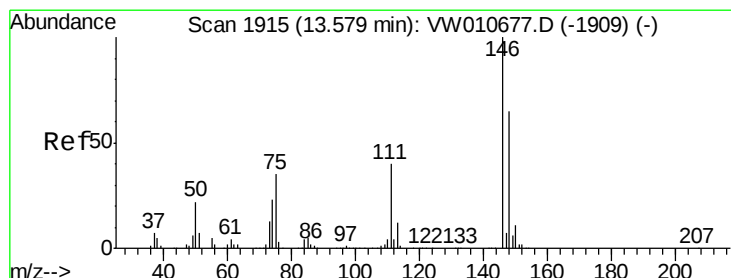
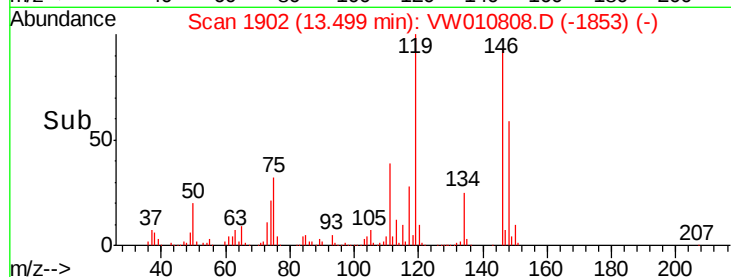
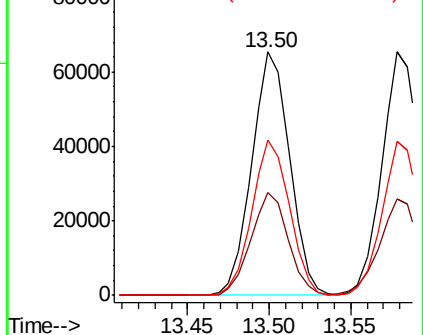
148 63.1 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.352 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

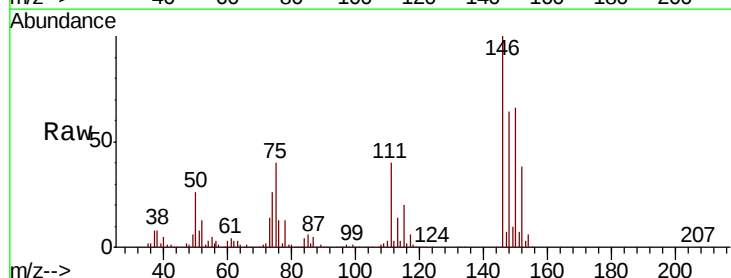
Tgt Ion:146 Resp: 104968

Ion Ratio Lower Upper

146 100

111 41.6 20.3 60.9

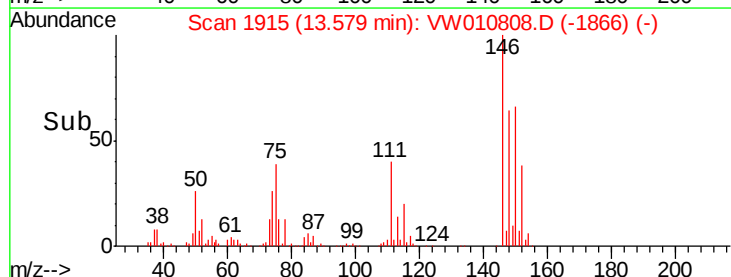
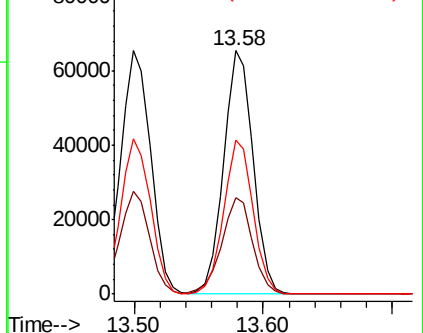
148 63.2 32.4 97.2

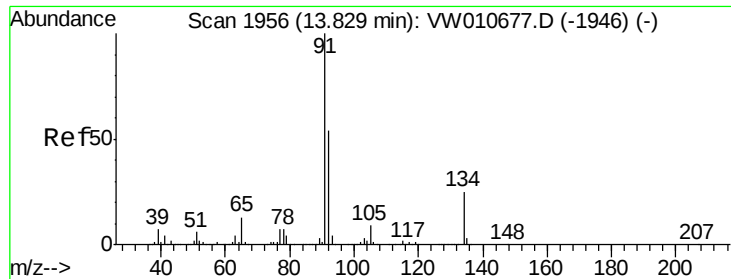


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.688 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

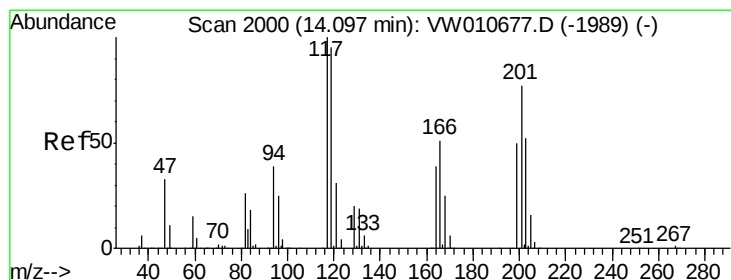
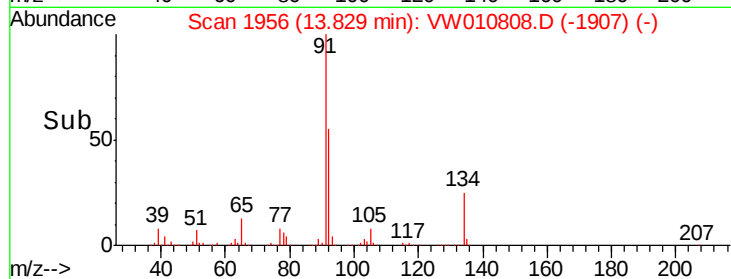
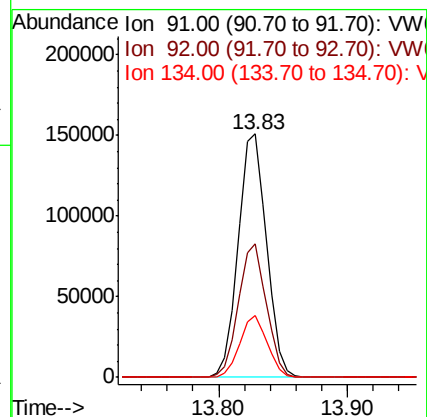
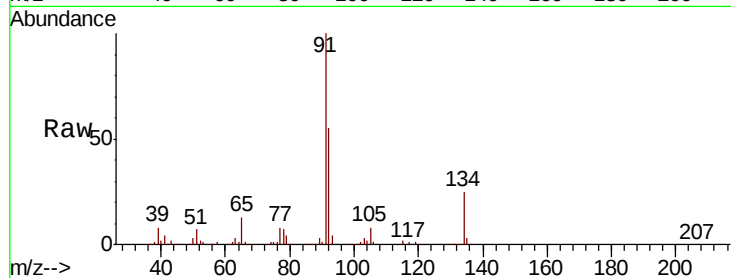
Tgt Ion: 91 Resp: 230729

Ion Ratio Lower Upper

91 100

92 53.9 27.3 81.8

134 24.6 12.3 36.9



#90

Hexachloroethane

Concen: 20.214 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010808.D

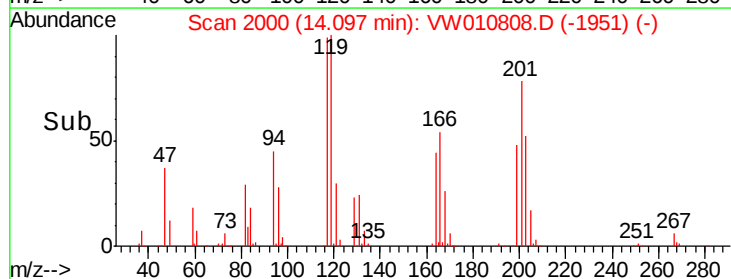
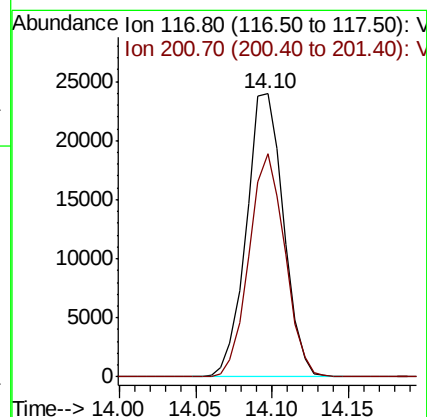
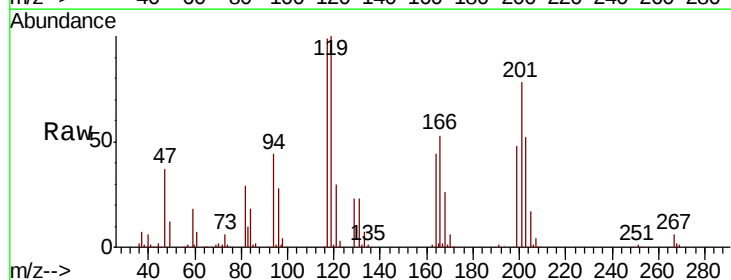
Acq: 14 Jun 2019 12:28

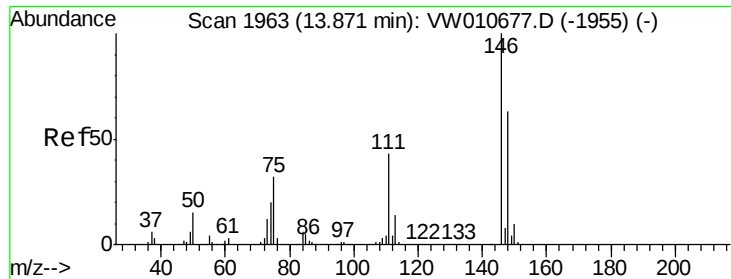
Tgt Ion: 117 Resp: 40465

Ion Ratio Lower Upper

117 100

201 76.3 38.8 116.4

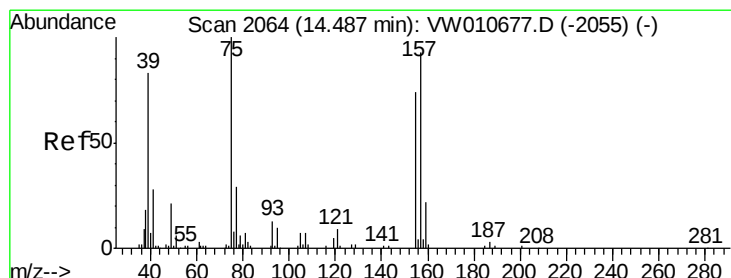
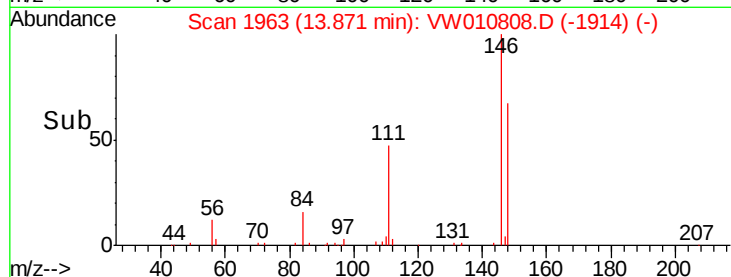
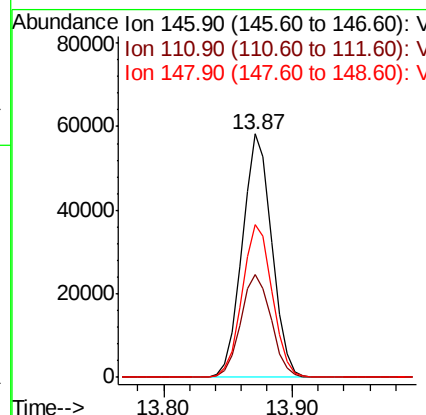
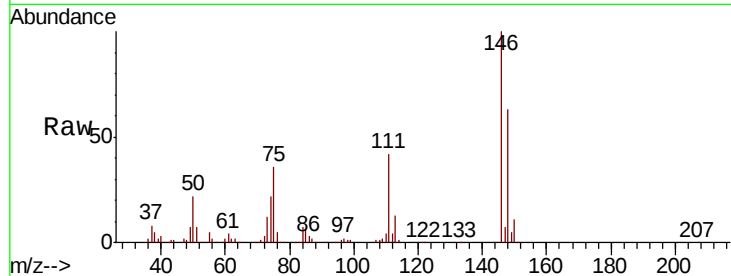




#91
 1,2-Dichlorobenzene
 Concen: 19.659 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

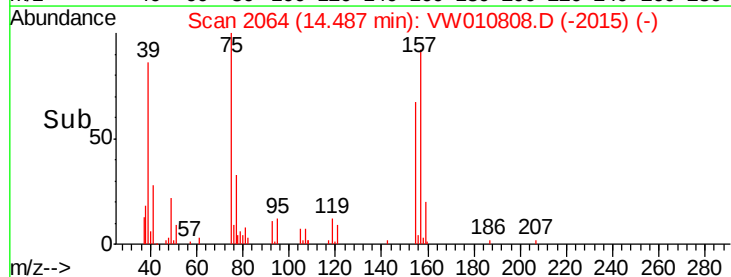
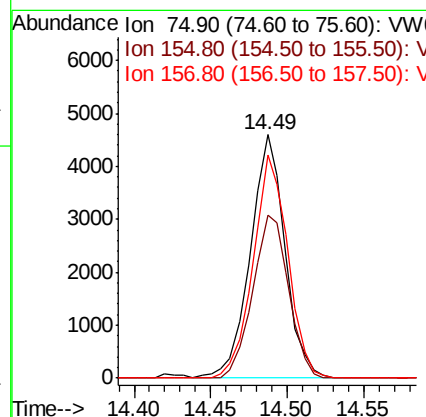
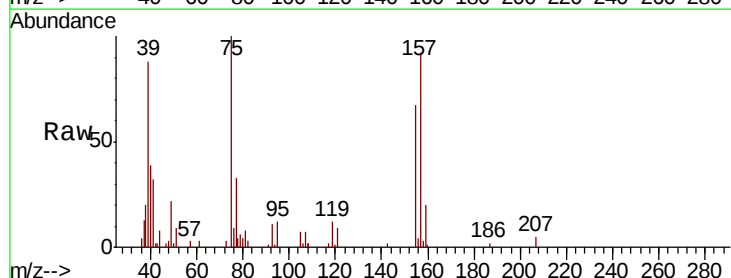
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

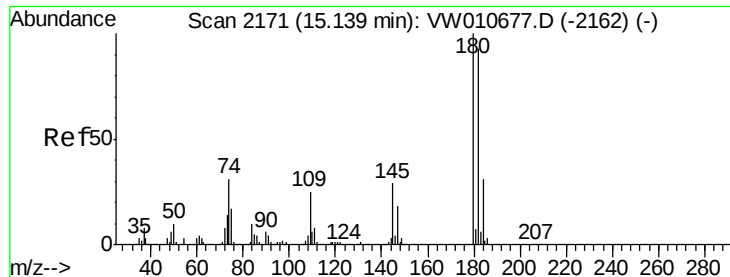
Tgt Ion:146 Resp: 91977
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.5 64.5
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.907 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion: 75 Resp: 7235
 Ion Ratio Lower Upper
 75 100
 155 68.9 38.8 116.4
 157 91.5 48.4 145.0

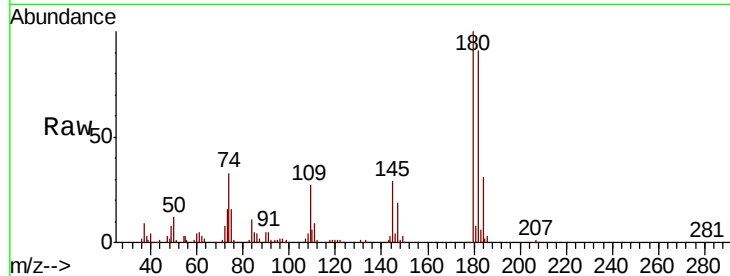




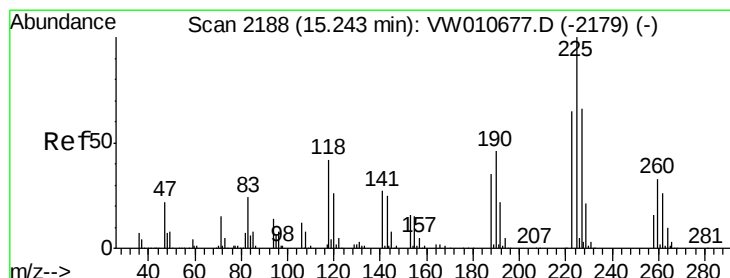
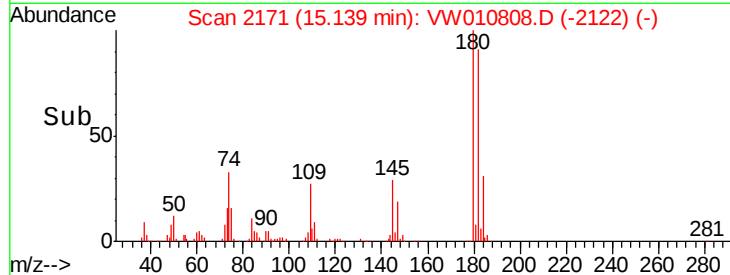
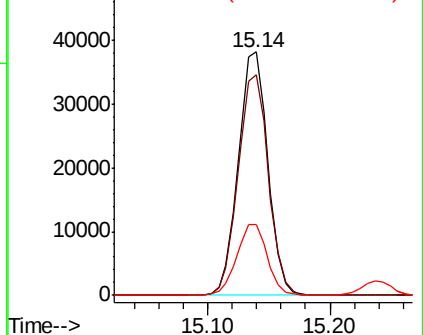
#93
 1,2,4-Trichlorobenzene
 Concen: 19.403 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tgt Ion:180 Resp: 63704
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.1 141.4
 145 30.0 15.2 45.5

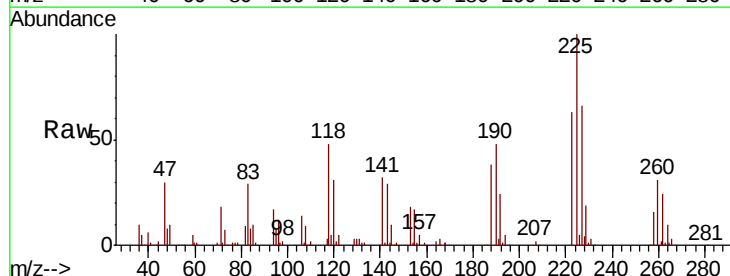


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

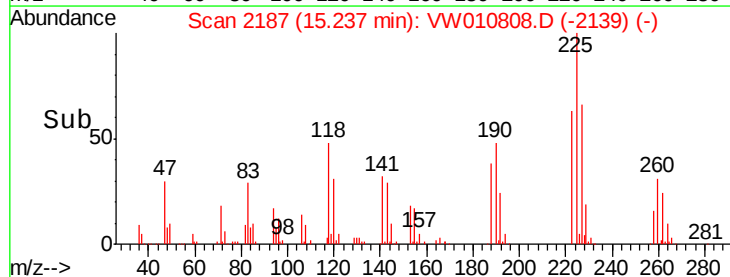
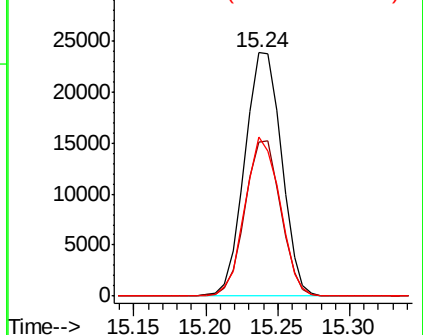


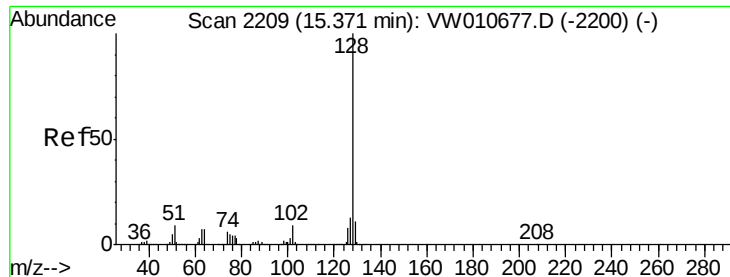
#94
 Hexachlorobutadiene
 Concen: 20.467 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010808.D
 Acq: 14 Jun 2019 12:28

Tgt Ion:225 Resp: 42173
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.2 96.6
 227 62.4 32.0 96.0



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





#95

Naphthalene

Concen: 17.376 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

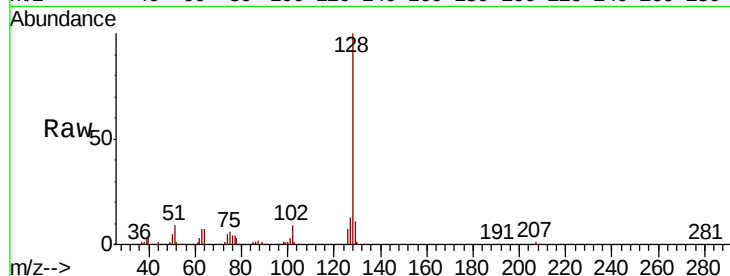
Tgt Ion:128 Resp: 103654

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.1 8.6 13.0

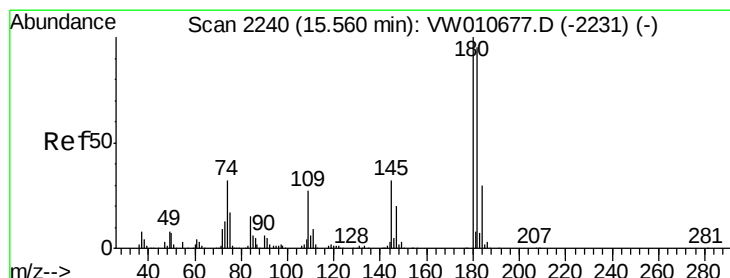
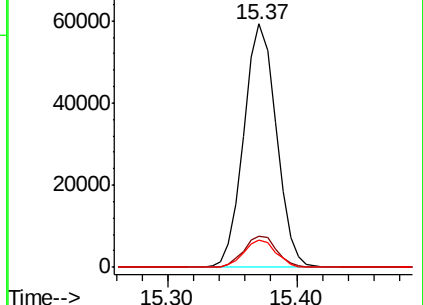
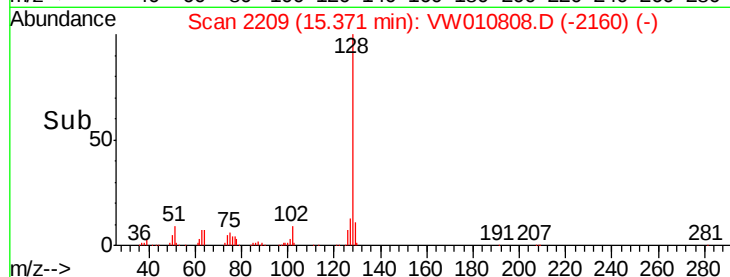


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.104 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010808.D

Acq: 14 Jun 2019 12:28

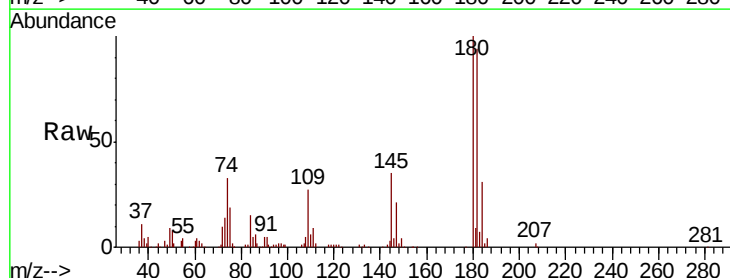
Tgt Ion:180 Resp: 53342

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.0

145 34.1 16.1 48.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

