

Data File : VW012719.D
Acq On : 07 Sep 2019 15:11
Operator : SY/VA
Sample : VW0907SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Quant Time: Sep 08 05:09:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147279	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	7.88	113	106486	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	10.32	98	482275	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	168506	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	29868	22.164 ug/l	97
3) Chloromethane	2.21	50	35183	21.483 ug/l	97
4) Vinyl Chloride	2.36	62	41816	20.824 ug/l	99
5) Bromomethane	2.76	94	22941	21.039 ug/l	93
6) Chloroethane	2.92	64	23344	19.481 ug/l	99
7) Trichlorofluoromethane	3.25	101	24443	17.640 ug/l	100
8) Diethyl Ether	3.68	74	22661	19.458 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44681	20.547 ug/l	98
10) Methyl Iodide	4.27	142	56044	20.473 ug/l	99
11) Tert butyl alcohol	5.18	59	19089	89.831 ug/l	100
12) 1,1-Dichloroethene	4.04	96	41866	20.395 ug/l	94
13) Acrolein	3.89	56	21167	93.867 ug/l	97
14) Allyl chloride	4.67	41	85238	20.073 ug/l	99
15) Acrylonitrile	5.37	53	65588	96.420 ug/l	100
16) Acetone	4.12	43	64338	84.972 ug/l	98
17) Carbon Disulfide	4.39	76	95548	21.928 ug/l	97
18) Methyl Acetate	4.67	43	34178	19.240 ug/l	100
19) Methyl tert-butyl Ether	5.43	73	81785	20.089 ug/l	97
20) Methylene Chloride	4.92	84	48752	20.581 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	44571	21.280 ug/l	99
22) Diisopropyl ether	6.31	45	175621	20.852 ug/l	90
23) Vinyl Acetate	6.25	43	544281	101.972 ug/l	100
24) 1,1-Dichloroethane	6.21	63	96603	21.302 ug/l	99
25) 2-Butanone	7.17	43	92024	95.725 ug/l	97
26) 2,2-Dichloropropane	7.17	77	58307	20.357 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50171	20.658 ug/l	98
28) Bromochloromethane	7.51	49	33435	16.057 ug/l #	97
29) Tetrahydrofuran	7.52	42	48114	78.689 ug/l	99
30) Chloroform	7.67	83	79036	17.586 ug/l	97
31) Cyclohexane	7.95	56	80077	19.614 ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	65909	18.092 ug/l	99
36) 1,1-Dichloropropene	8.08	75	66398	19.221 ug/l	99
37) Ethyl Acetate	7.25	43	39684	18.021 ug/l	99
38) Carbon Tetrachloride	8.07	117	62861	18.460 ug/l	95

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74126	19.106	ug/l	99
40) Benzene	8.32	78	188167	19.633	ug/l	99
41) Methacrylonitrile	7.48	41	20229	16.315	ug/l	95
42) 1,2-Dichloroethane	8.40	62	64881	19.235	ug/l	100
43) Isopropyl Acetate	8.42	43	72710	17.428	ug/l	98
44) Trichloroethene	9.09	130	45655	18.480	ug/l	86
45) 1,2-Dichloropropane	9.37	63	49844	18.751	ug/l	98
46) Dibromomethane	9.46	93	24048	19.104	ug/l	99
47) Bromodichloromethane	9.65	83	66567	19.221	ug/l	97
48) Methyl methacrylate	9.43	41	35157	17.633	ug/l	99
49) 1,4-Dioxane	9.46	88	8550	343.861	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	198417	90.635	ug/l	99
52) Toluene	10.38	92	117832	19.698	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	65453	18.380	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	75816	18.767	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35975	19.089	ug/l	98
56) Ethyl methacrylate	10.65	69	51066	18.511	ug/l	99
57) 1,3-Dichloropropane	10.93	76	66582	19.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	125419	85.640	ug/l	99
59) 2-Hexanone	10.97	43	134047	83.812	ug/l	100
60) Dibromochloromethane	11.13	129	41205	18.591	ug/l	99
61) 1,2-Dibromoethane	11.23	107	32191	18.632	ug/l	96
64) Tetrachloroethene	10.86	164	41044	19.892	ug/l	96
65) Chlorobenzene	11.66	112	124186	19.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	45394	18.966	ug/l	98
67) Ethyl Benzene	11.73	91	235309	19.514	ug/l	99
68) m/p-Xylenes	11.83	106	170587	39.192	ug/l	99
69) o-Xylene	12.16	106	80104	19.507	ug/l	99
70) Styrene	12.18	104	140186	19.320	ug/l	99
71) Bromoform	12.35	173	24491	18.418	ug/l #	96
73) Isopropylbenzene	12.46	105	235088	19.177	ug/l	99
74) N-amyl acetate	12.27	43	70176	18.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43026	17.477	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	56381	32.260	ug/l #	100
77) Bromobenzene	12.74	156	52080	18.752	ug/l	98
78) n-propylbenzene	12.80	91	278097	18.968	ug/l	99
79) 2-Chlorotoluene	12.89	91	159752	18.980	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	192855	18.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13284	16.076	ug/l	92
82) 4-Chlorotoluene	12.99	91	164278	18.452	ug/l	99
83) tert-Butylbenzene	13.21	119	172529	18.890	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	199185	19.137	ug/l	98
85) sec-Butylbenzene	13.38	105	241375	19.045	ug/l	99
86) p-Isopropyltoluene	13.50	119	220077	19.010	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	103082	18.883	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102144	18.804	ug/l	99
89) n-Butylbenzene	13.82	91	210800	18.756	ug/l	99
90) Hexachloroethane	14.09	117	37638	18.624	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	91783	18.680	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7858	17.441	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VW0907SBS01

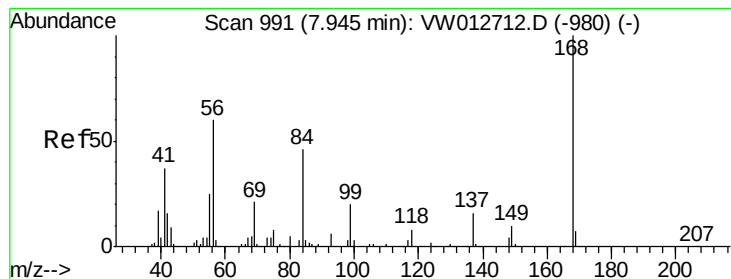
Quant Time: Sep 08 05:09:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64757	18.930	ug/l	98
94) Hexachlorobutadiene	15.24	225	45190	19.085	ug/l	99
95) Naphthalene	15.36	128	112353	18.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	58316	19.313	ug/l	99

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

Instrument :
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ClientSampleId :
VW0907SBS01

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

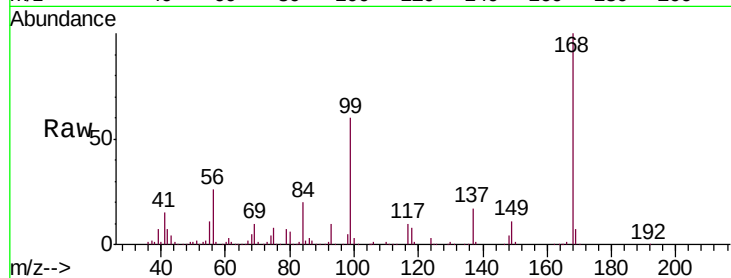
VW0907SBS01

Tgt Ion:168 Resp: 248572

Ion Ratio Lower Upper

168 100

99 60.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

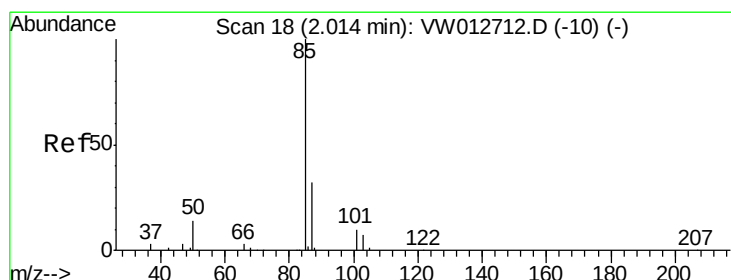
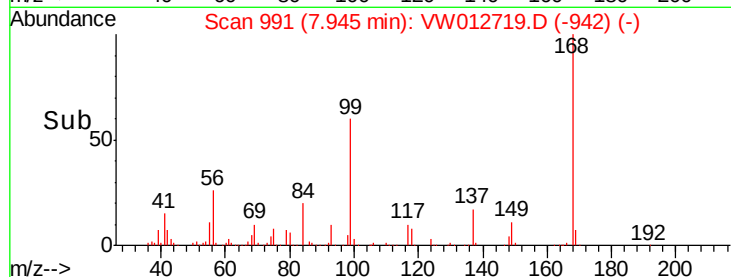
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.164 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012719.D

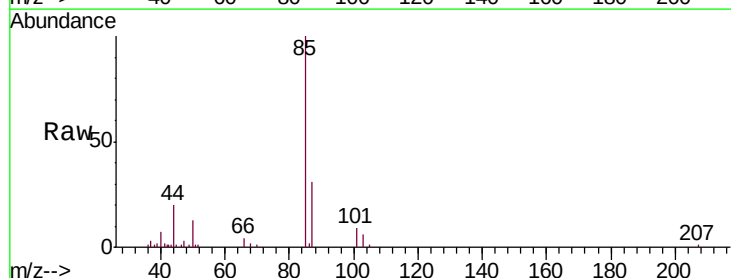
Acq: 07 Sep 2019 15:11

Tgt Ion: 85 Resp: 29868

Ion Ratio Lower Upper

85 100

87 30.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

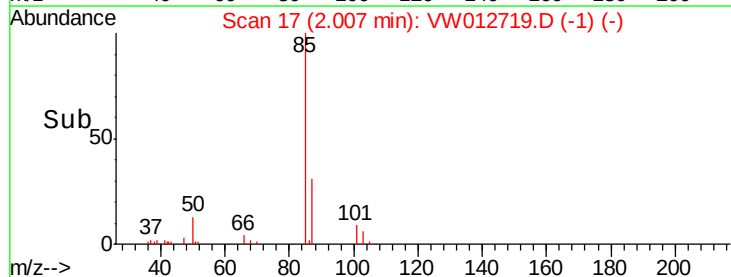
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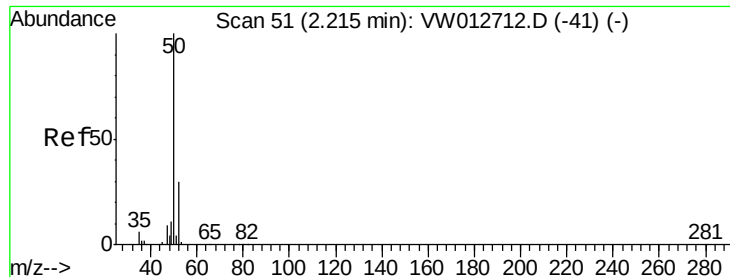
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.483 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

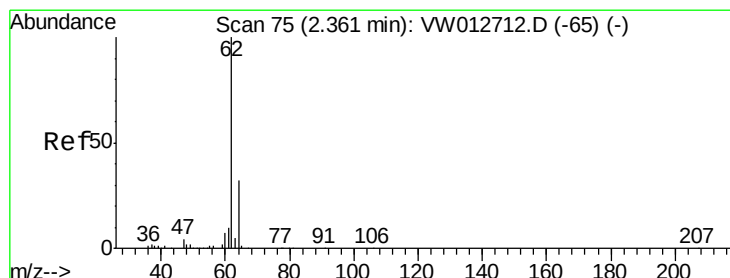
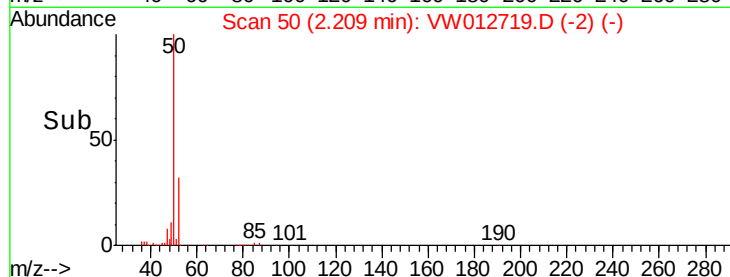
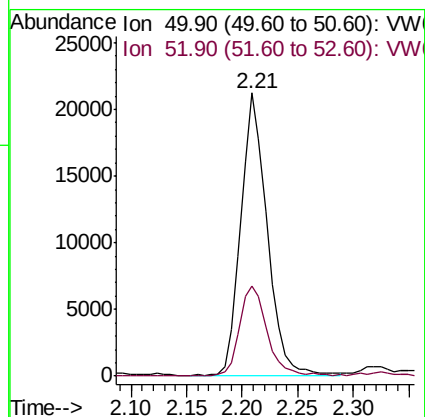
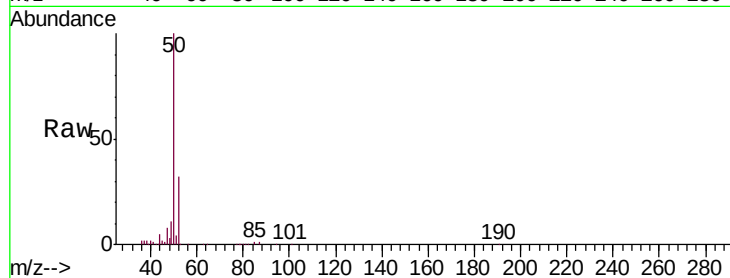
VW0907SBS01

Tgt Ion: 50 Resp: 35183

Ion Ratio Lower Upper

50 100

52 31.7 24.2 36.2



#4

Vinyl Chloride

Concen: 20.824 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012719.D

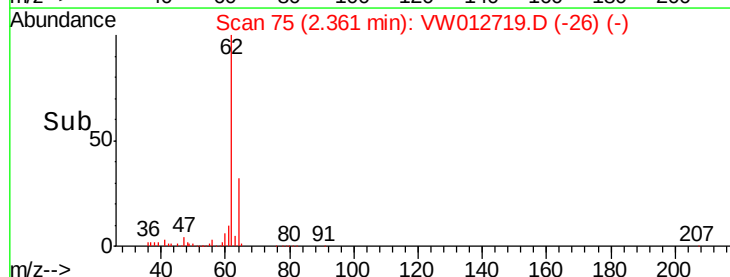
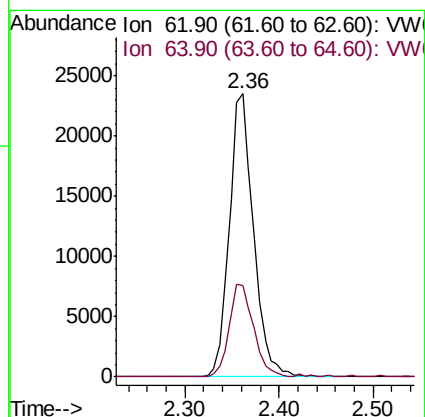
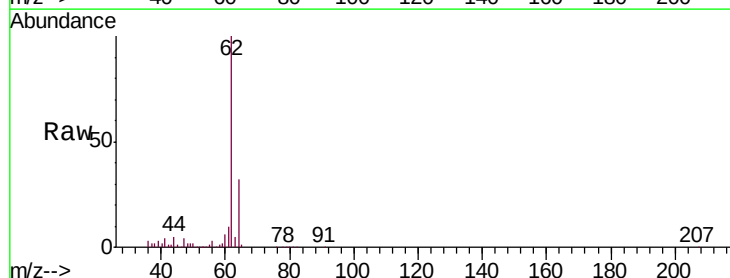
Acq: 07 Sep 2019 15:11

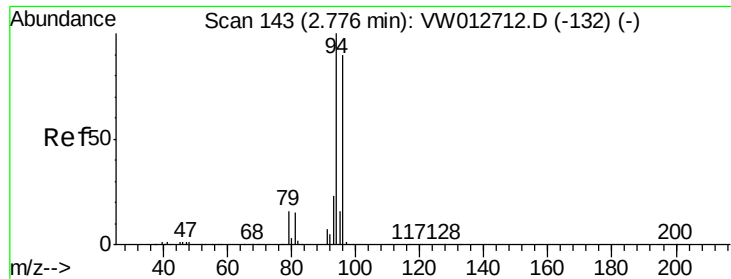
Tgt Ion: 62 Resp: 41816

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9





#5

Bromomethane

Concen: 21.039 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

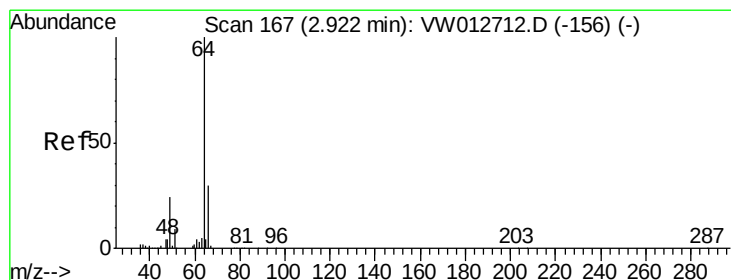
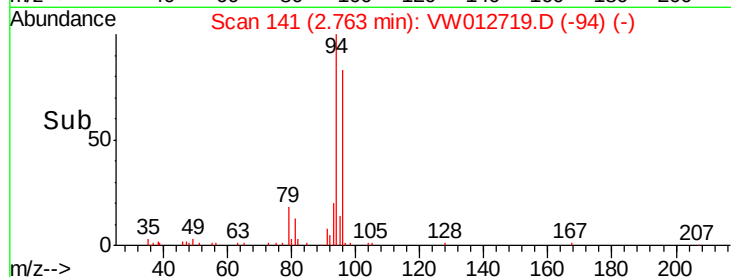
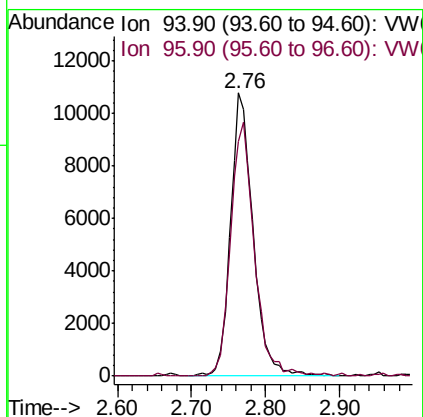
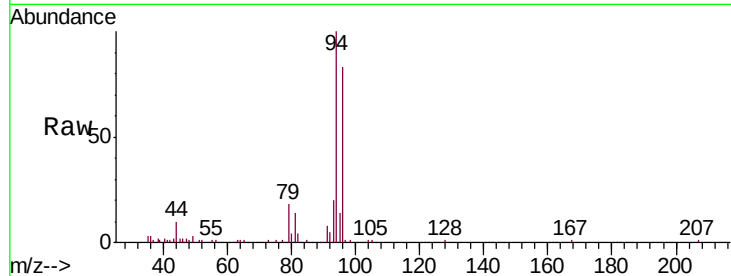
VW0907SBS01

Tgt Ion: 94 Resp: 22941

Ion Ratio Lower Upper

94 100

96 83.1 72.1 108.1



#6

Chloroethane

Concen: 19.481 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012719.D

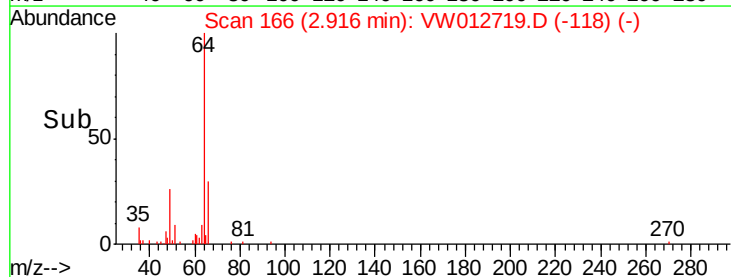
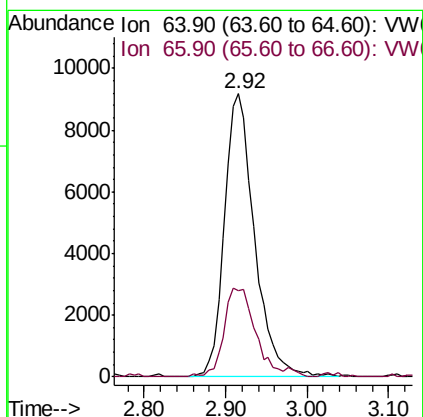
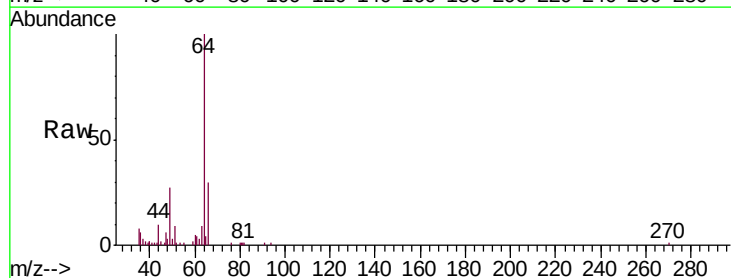
Acq: 07 Sep 2019 15:11

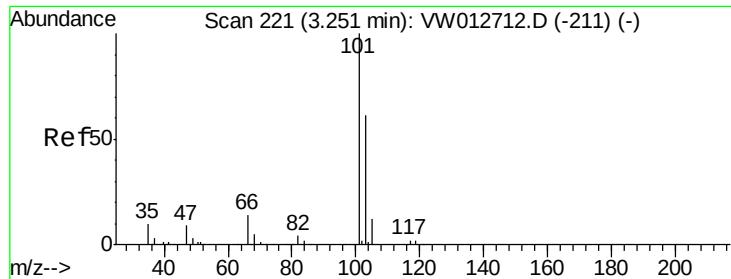
Tgt Ion: 64 Resp: 23344

Ion Ratio Lower Upper

64 100

66 30.4 23.8 35.6



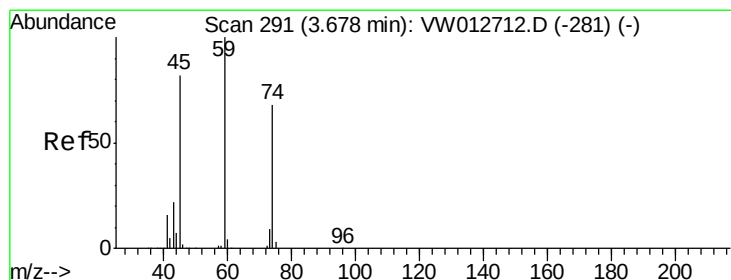
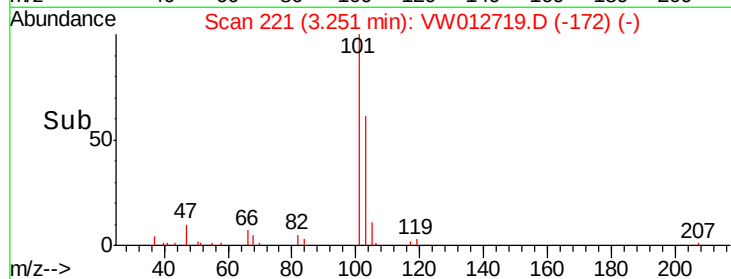
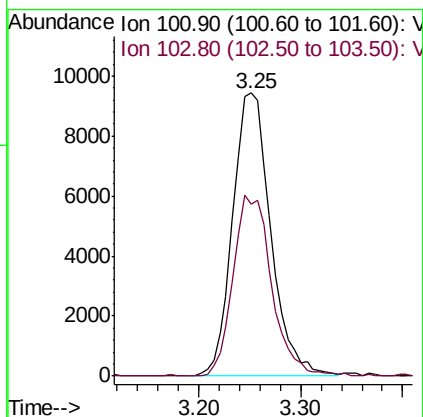
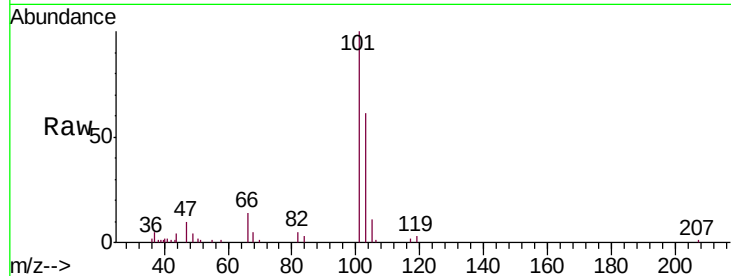


#7

Trichlorofluoromethane
 Concen: 17.640 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW012719.D
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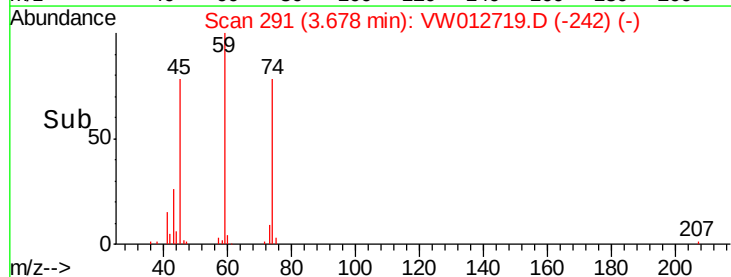
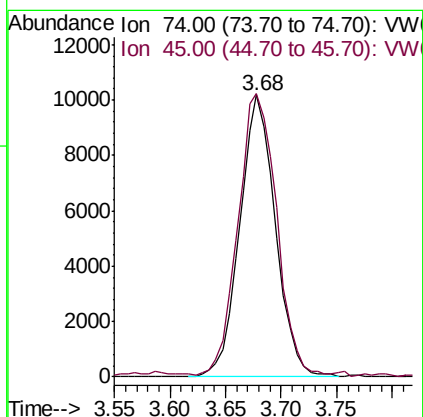
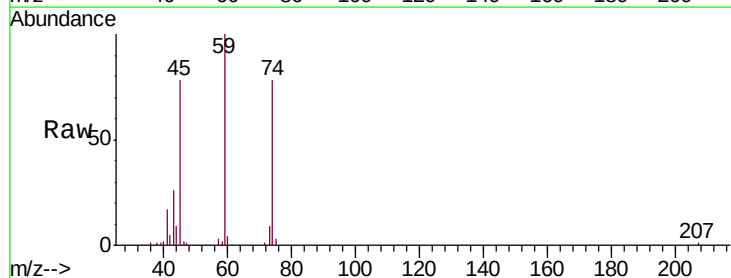
Tgt Ion:101 Resp: 24443
 Ion Ratio Lower Upper
 101 100
 103 60.9 49.0 73.4

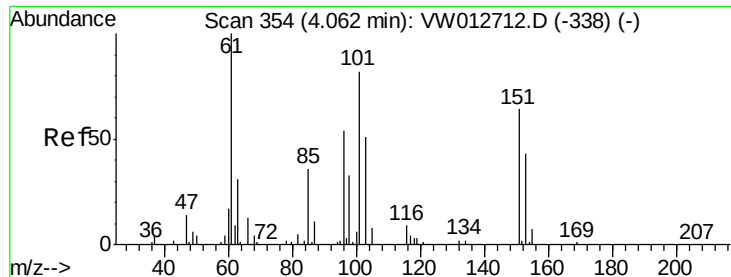


#8

Diethyl Ether
 Concen: 19.458 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion: 74 Resp: 22661
 Ion Ratio Lower Upper
 74 100
 45 108.3 58.8 176.4

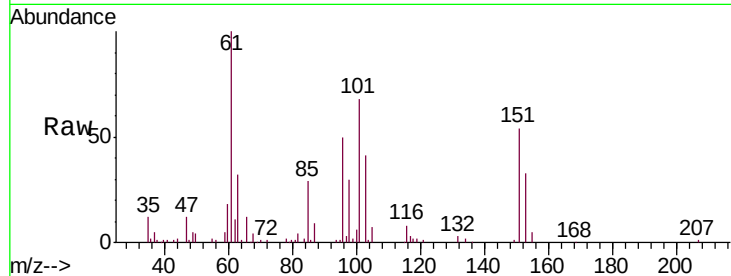




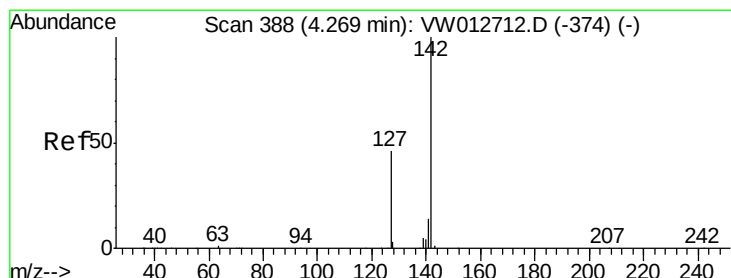
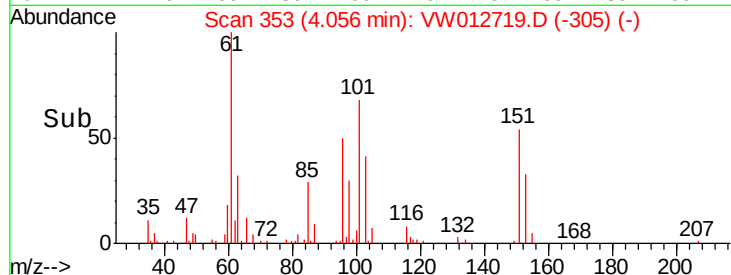
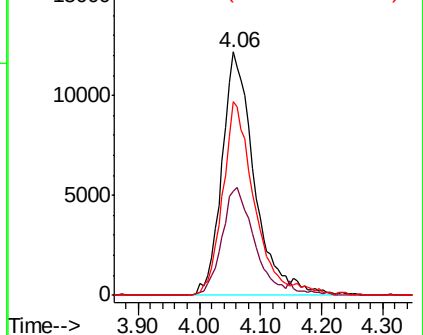
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.547 ug/l
RT: 4.06 min Scan# 353
Delta R.T. -0.01 min
Lab File: VW012719.D
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Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tgt Ion:101 Resp: 44681
Ion Ratio Lower Upper
101 100
85 43.5 36.2 54.2
151 78.2 61.9 92.9

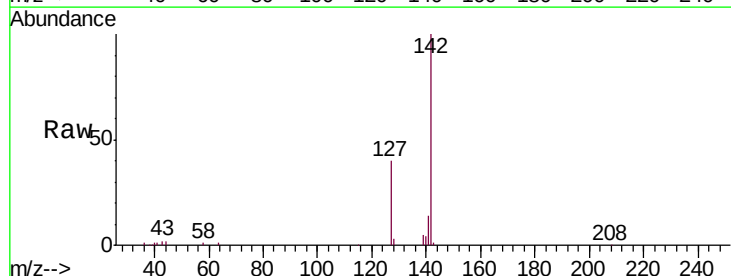


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V

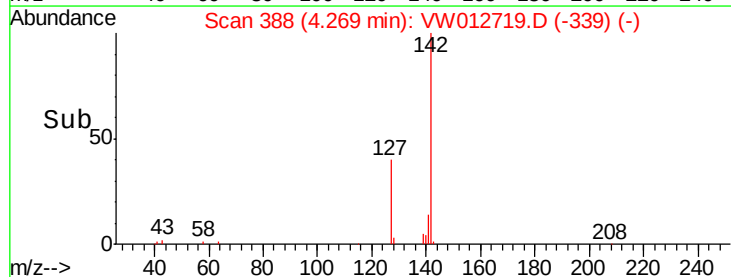
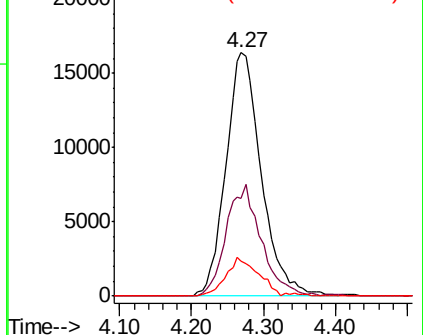


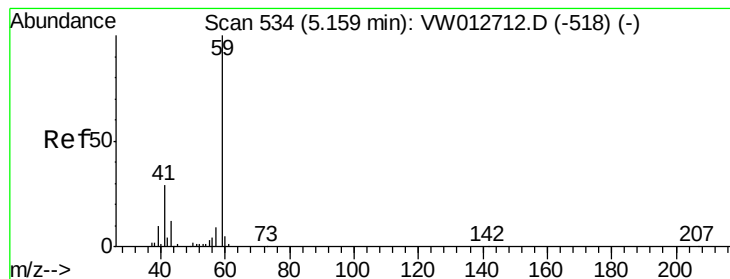
#10
Methyl Iodide
Concen: 20.473 ug/l
RT: 4.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion:142 Resp: 56044
Ion Ratio Lower Upper
142 100
127 45.1 36.0 54.0
141 14.7 12.2 18.4



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: 89.831 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.02 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

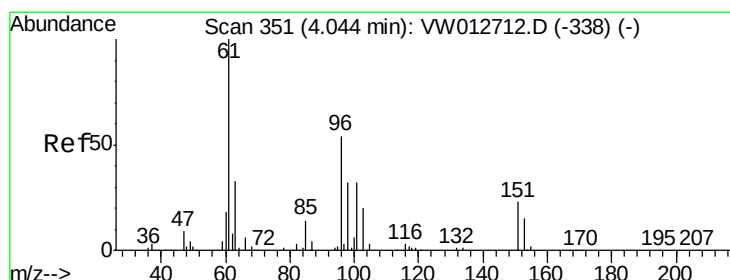
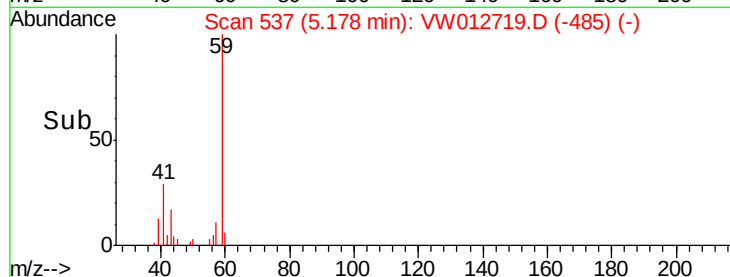
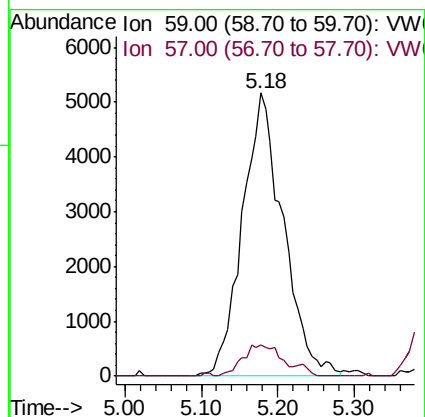
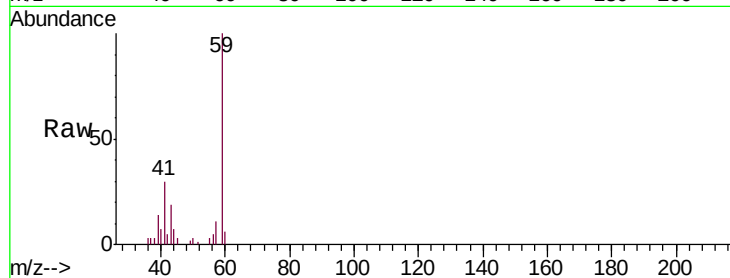
VW0907SBS01

Tgt Ion: 59 Resp: 19089

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 20.395 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

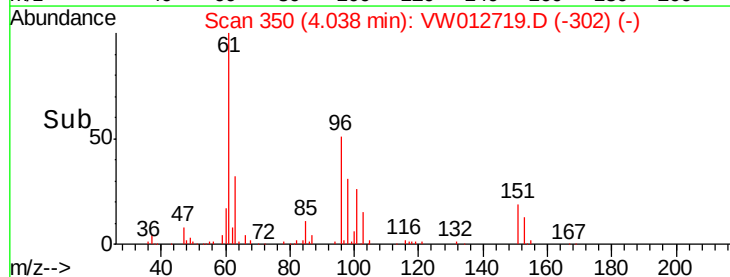
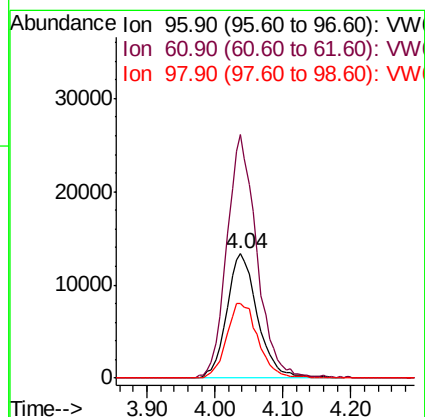
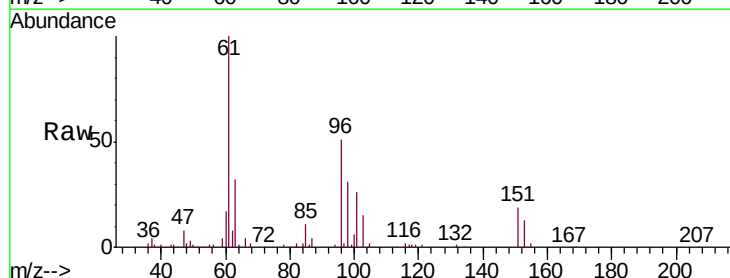
Tgt Ion: 96 Resp: 41866

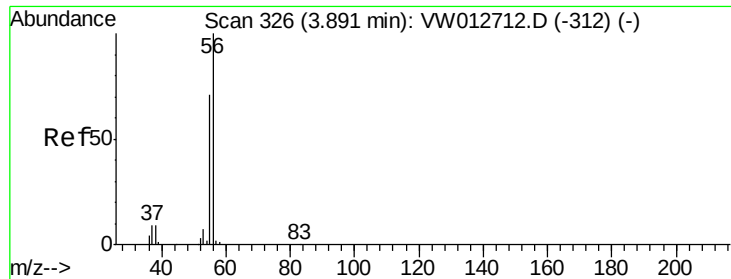
Ion Ratio Lower Upper

96 100

61 195.9 147.8 221.6

98 60.3 47.9 71.9





#13

Acrolein

Concen: 93.867 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

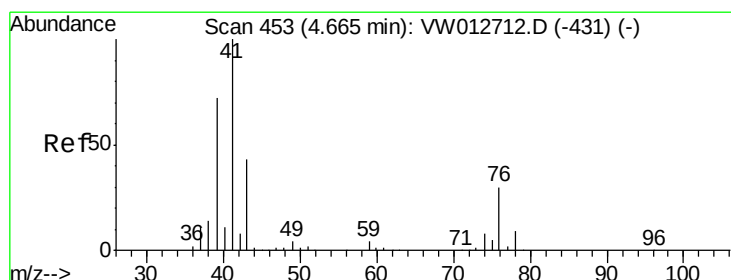
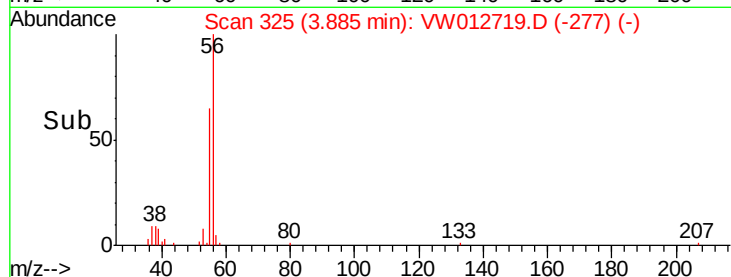
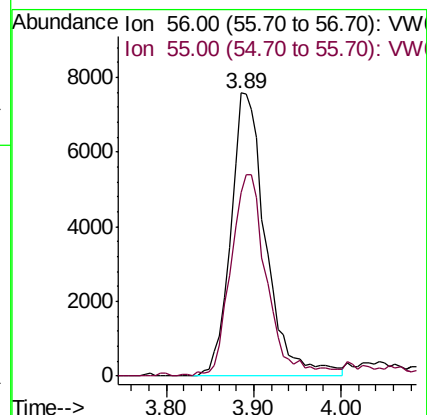
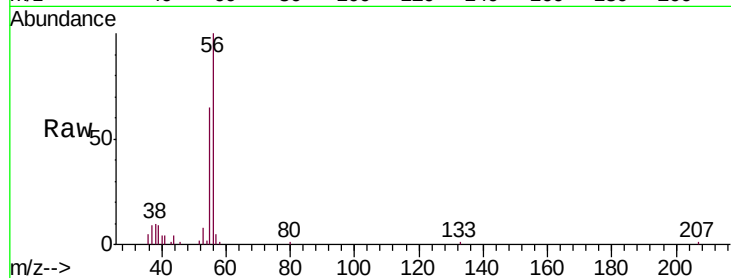
VW0907SBS01

Tgt Ion: 56 Resp: 21167

Ion Ratio Lower Upper

56 100

55 73.2 56.9 85.3



#14

Allyl chloride

Concen: 20.073 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

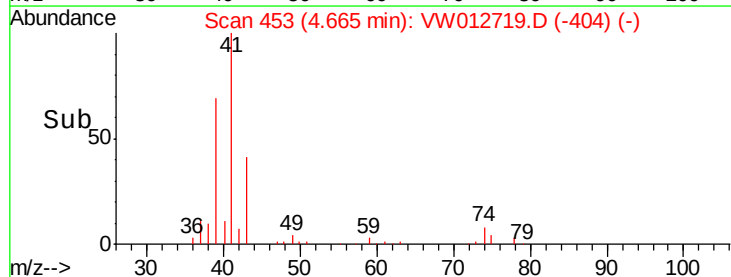
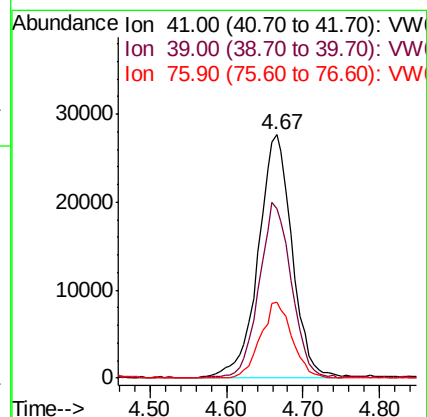
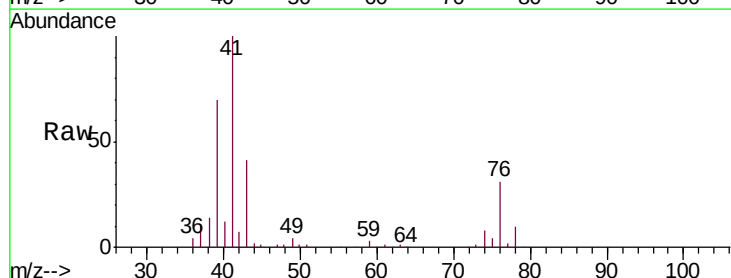
Tgt Ion: 41 Resp: 85238

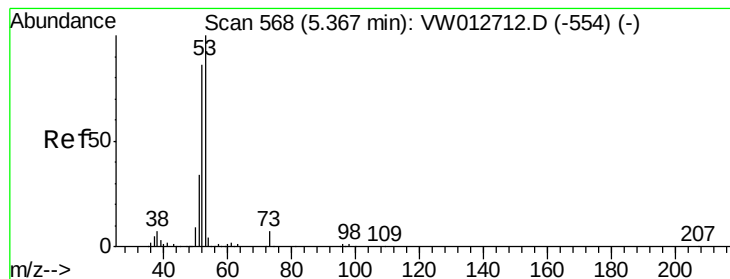
Ion Ratio Lower Upper

41 100

39 69.3 55.0 82.6

76 29.2 23.0 34.4





#15

Acrylonitrile

Concen: 96.420 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

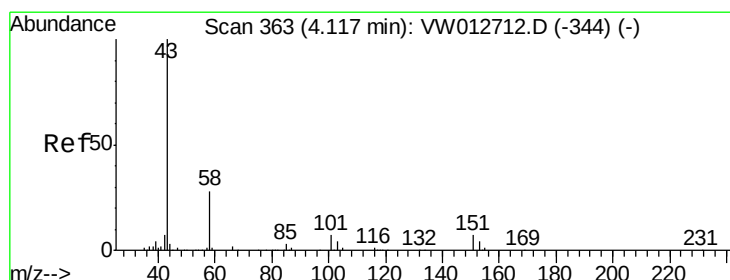
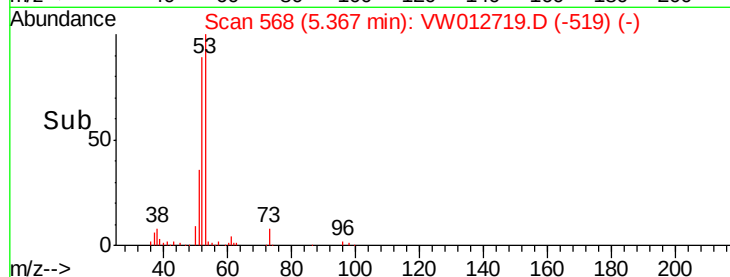
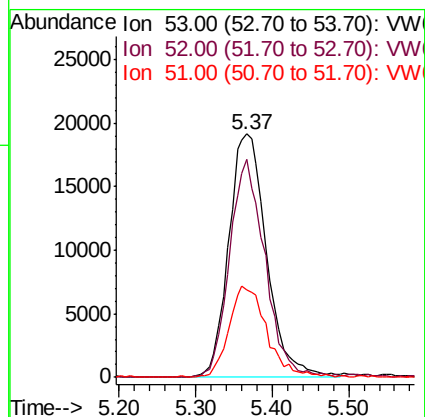
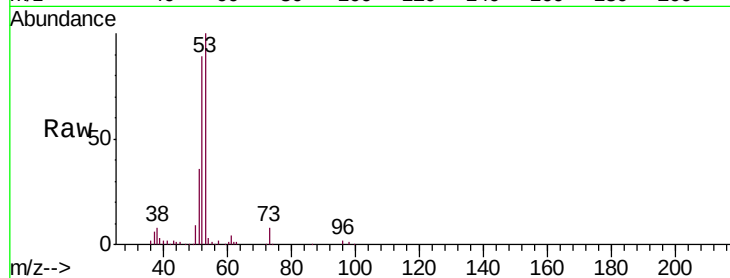
Tgt Ion: 53 Resp: 65588

Ion Ratio Lower Upper

53 100

52 83.8 67.0 100.4

51 37.7 29.8 44.8



#16

Acetone

Concen: 84.972 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012719.D

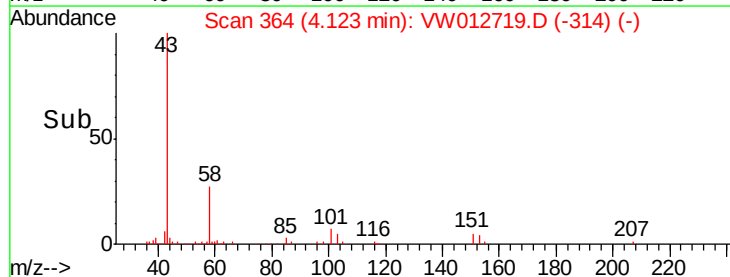
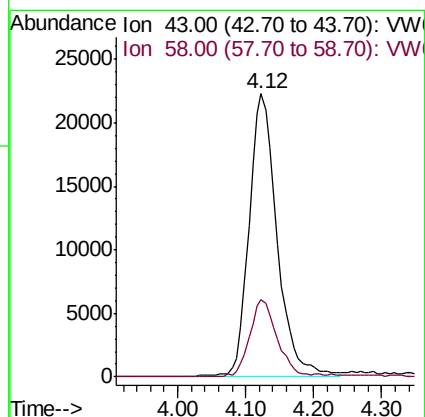
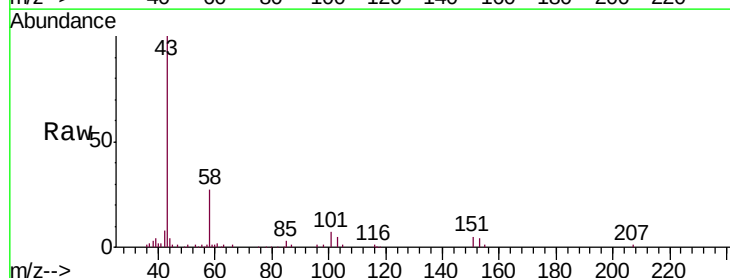
Acq: 07 Sep 2019 15:11

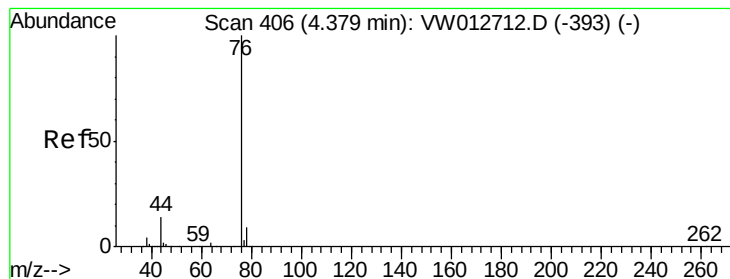
Tgt Ion: 43 Resp: 64338

Ion Ratio Lower Upper

43 100

58 27.1 22.6 33.8





#17

Carbon Disulfide

Concen: 21.928 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

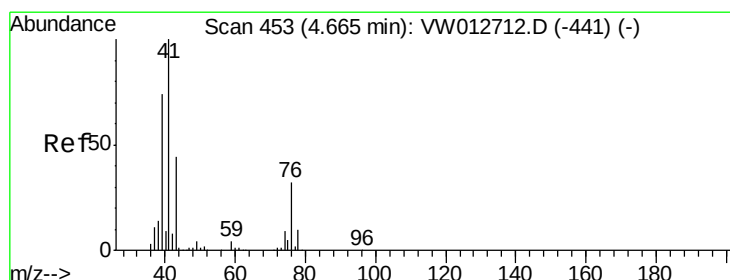
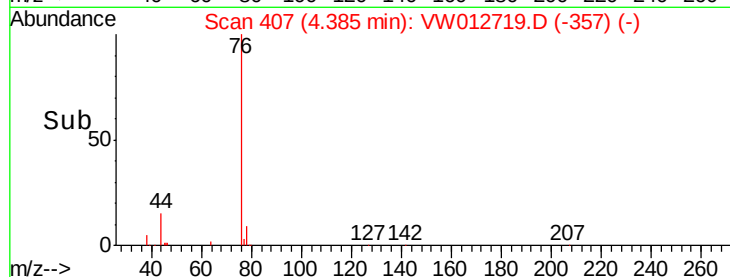
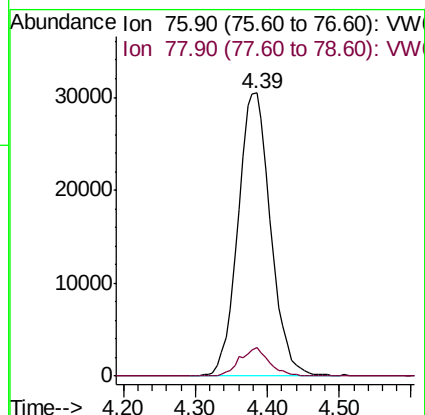
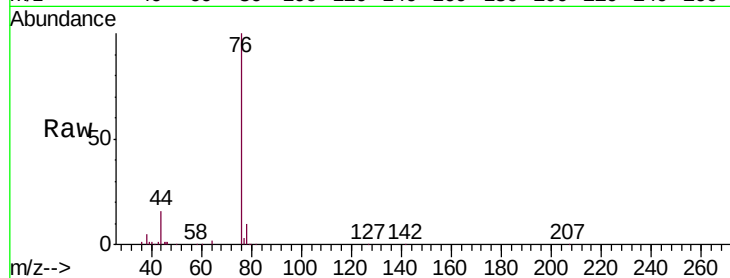
VW0907SBS01

Tgt Ion: 76 Resp: 95548

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8



#18

Methyl Acetate

Concen: 19.240 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012719.D

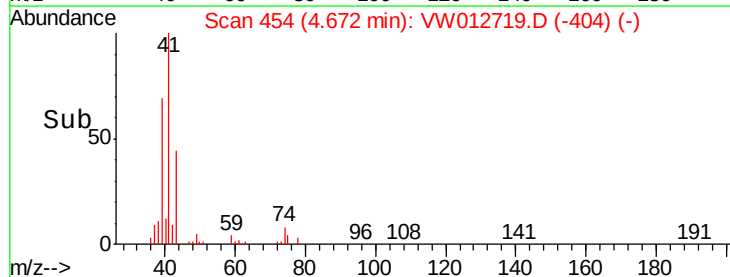
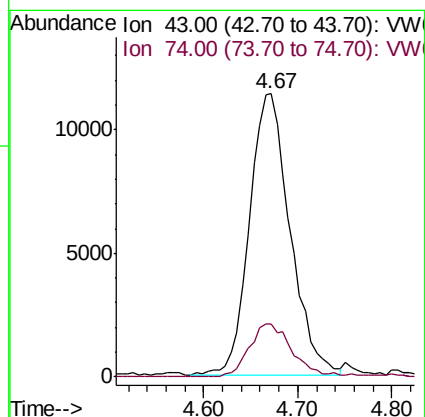
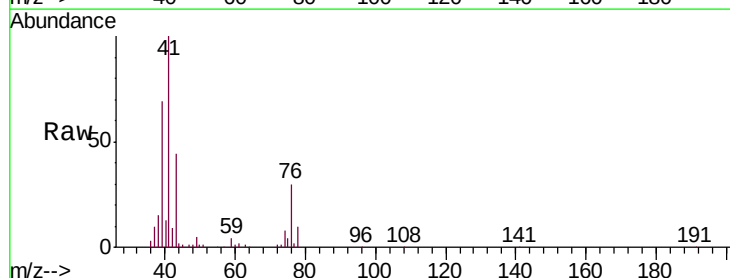
Acq: 07 Sep 2019 15:11

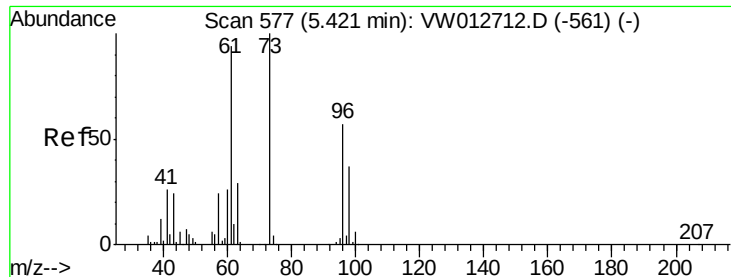
Tgt Ion: 43 Resp: 34178

Ion Ratio Lower Upper

43 100

74 19.9 15.8 23.6

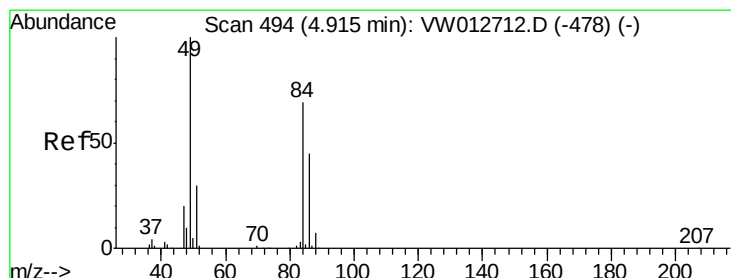
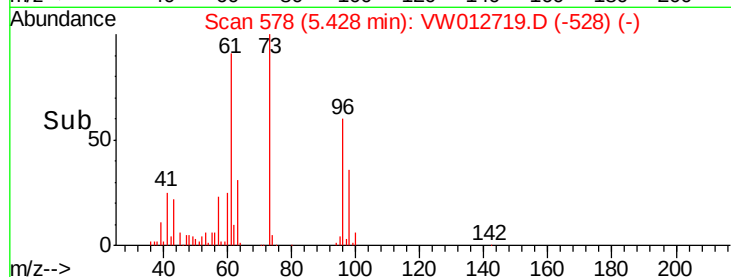
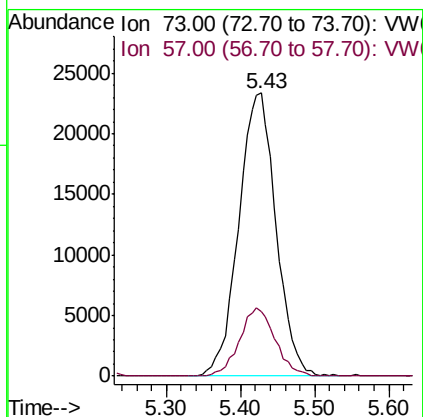
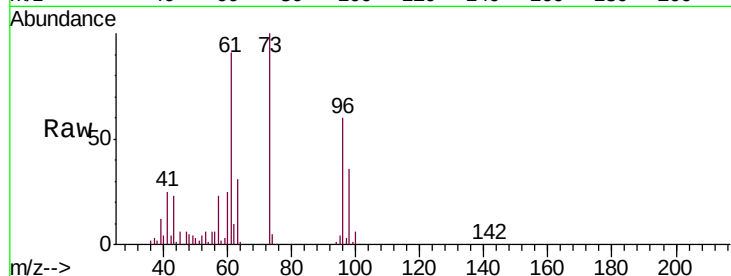




#19
Methyl tert-butyl Ether
Concen: 20.089 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

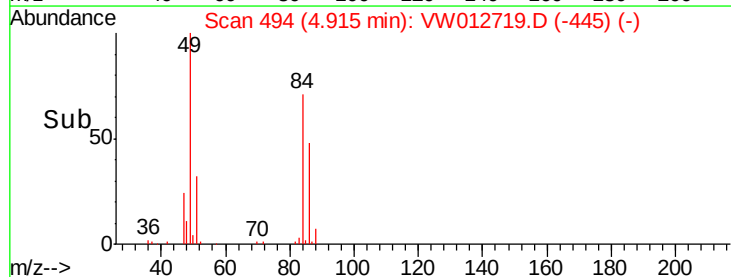
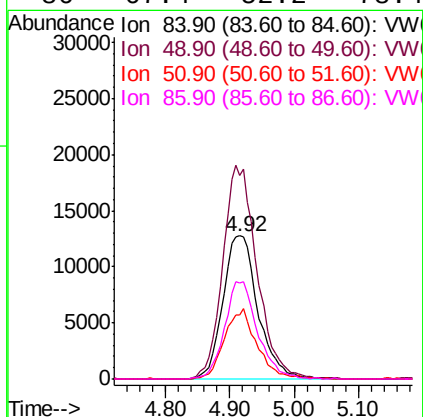
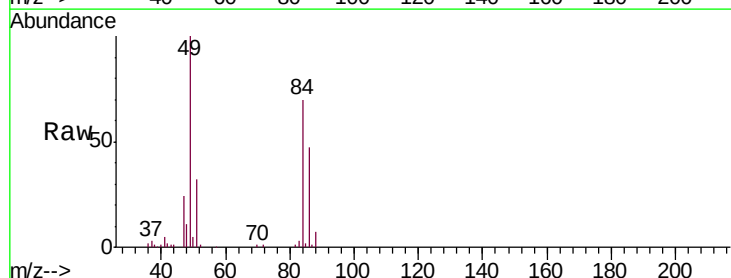
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

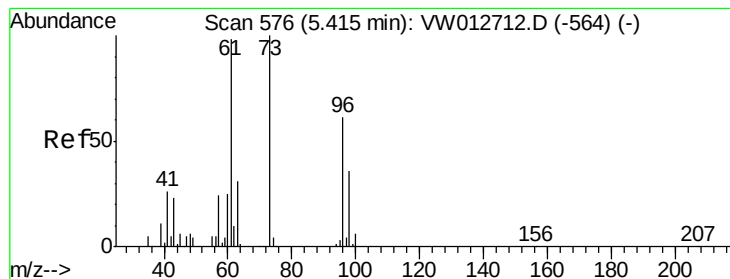
Tgt Ion: 73 Resp: 81785
Ion Ratio Lower Upper
73 100
57 22.6 19.2 28.8



#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion: 84 Resp: 48752
Ion Ratio Lower Upper
84 100
49 142.1 115.4 173.0
51 45.1 34.9 52.3
86 67.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.280 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

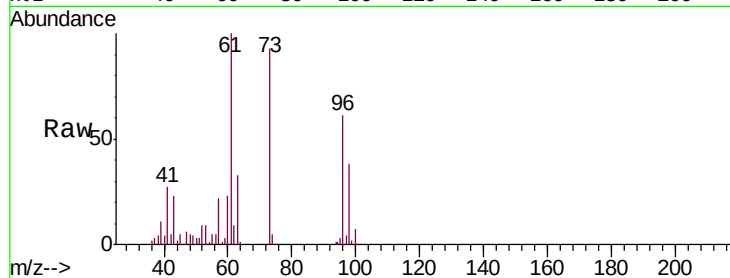
Tgt Ion: 96 Resp: 44571

Ion Ratio Lower Upper

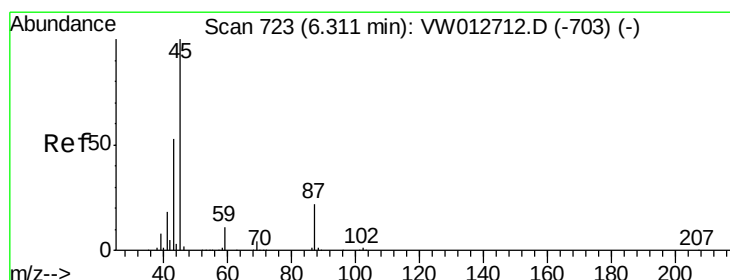
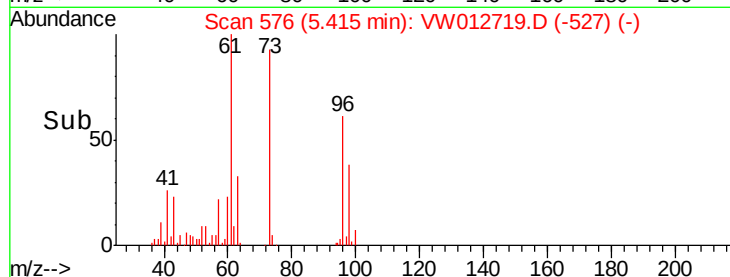
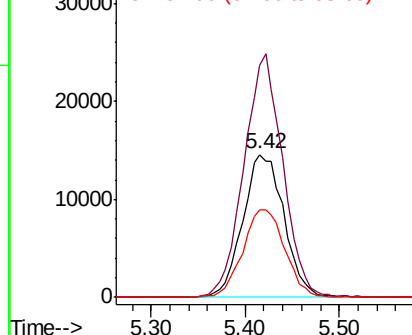
96 100

61 163.0 129.2 193.8

98 61.2 48.0 72.0



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



#22

Diisopropyl ether

Concen: 20.852 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Tgt Ion: 45 Resp: 175621

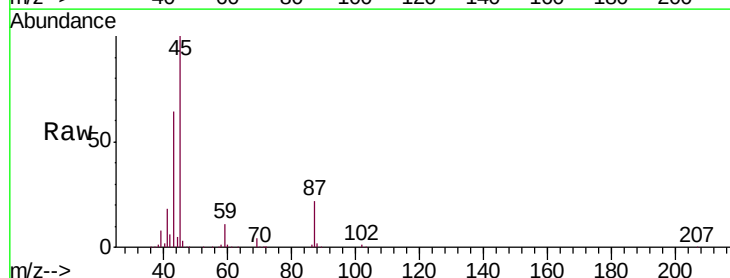
Ion Ratio Lower Upper

45 100

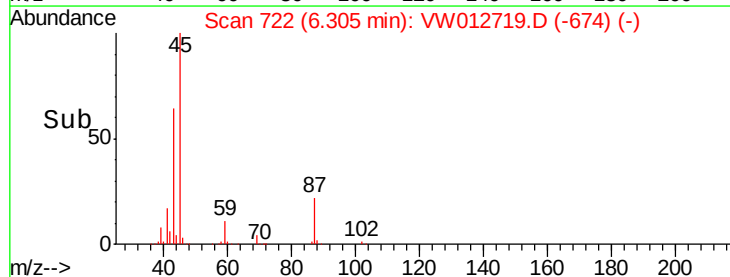
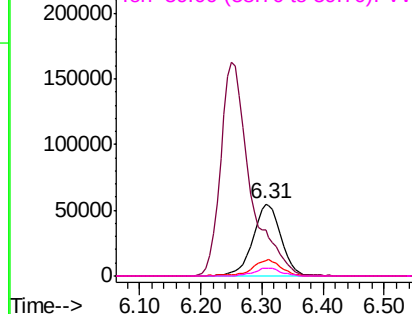
43 63.4 42.3 63.5

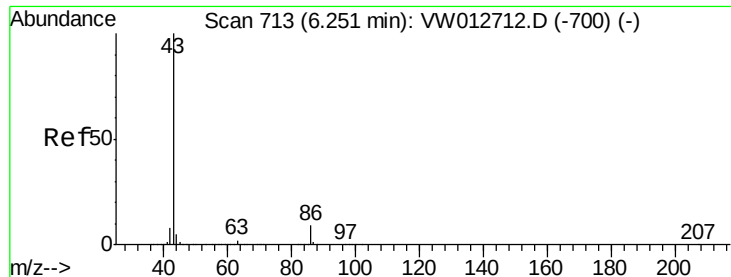
87 22.0 18.2 27.2

59 10.9 8.5 12.7



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

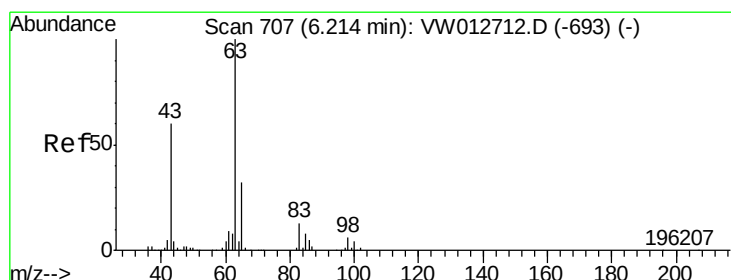
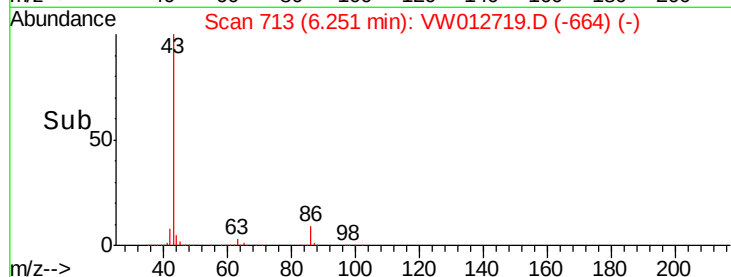
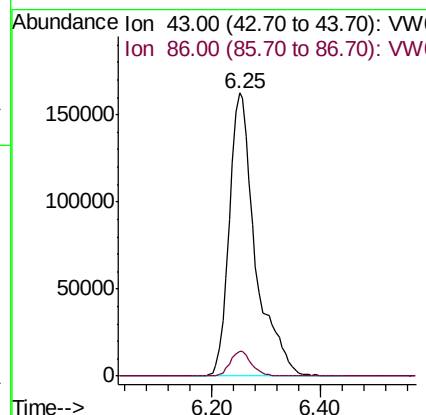
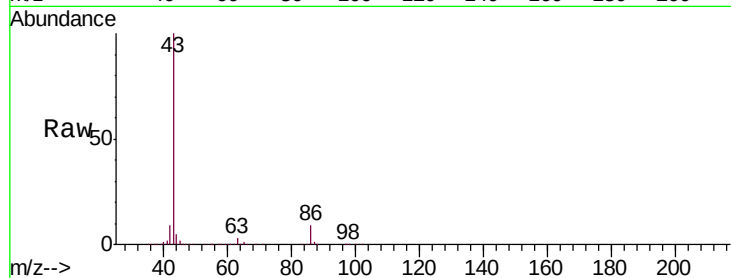




#23
 Vinyl Acetate
 Concen: 101.972 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

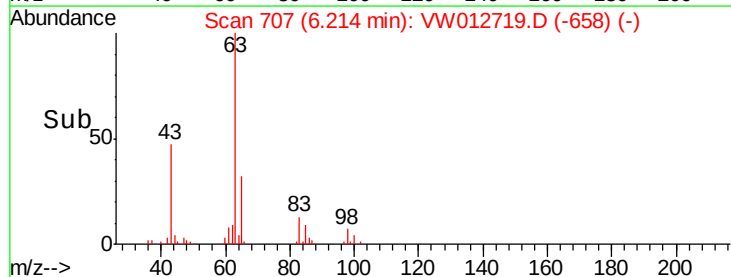
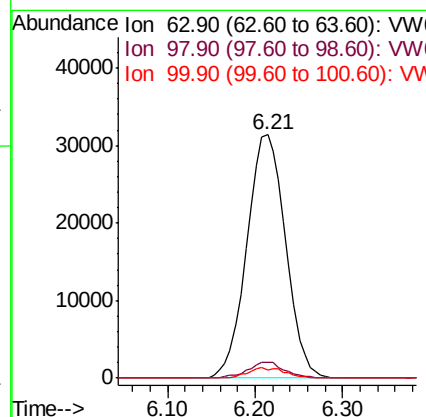
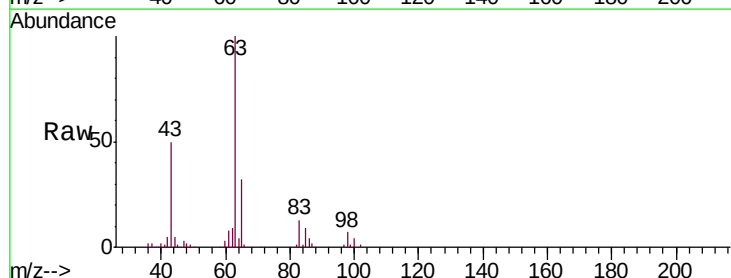
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

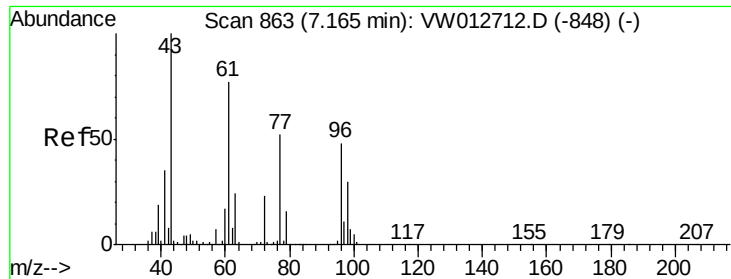
Tgt Ion: 43 Resp: 544281
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 21.302 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion: 63 Resp: 96603
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.3
 100 3.5 1.8 5.5





#25

2-Butanone

Concen: 95.725 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

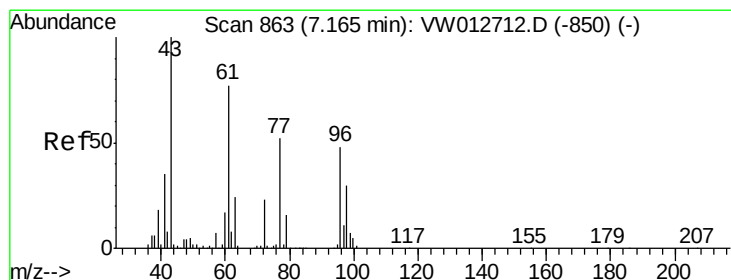
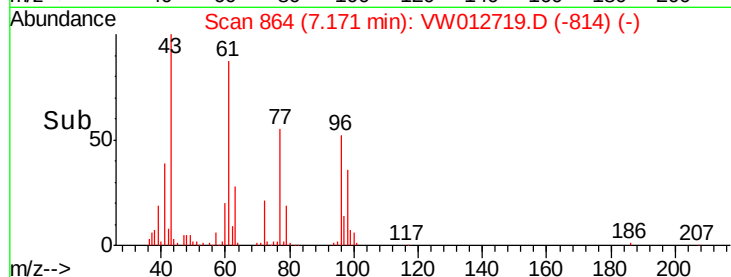
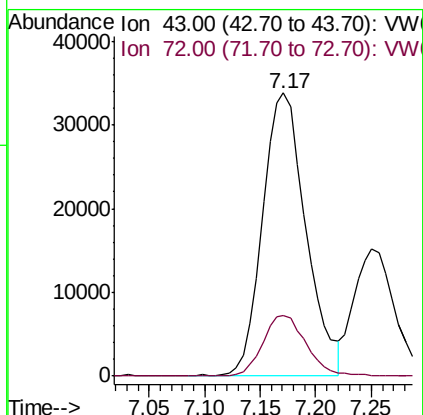
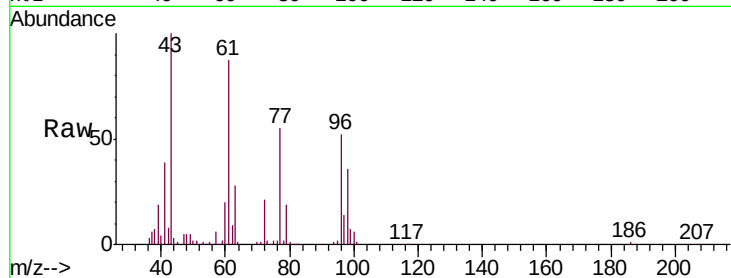
VW0907SBS01

Tgt Ion: 43 Resp: 92024

Ion Ratio Lower Upper

43 100

72 21.3 18.0 27.0



#26

2,2-Dichloropropane

Concen: 20.357 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012719.D

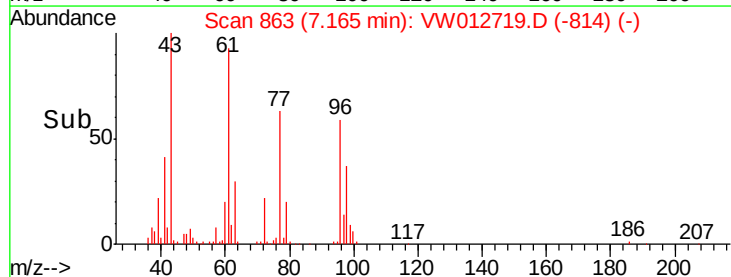
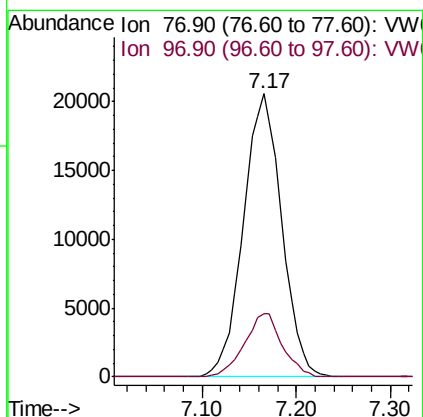
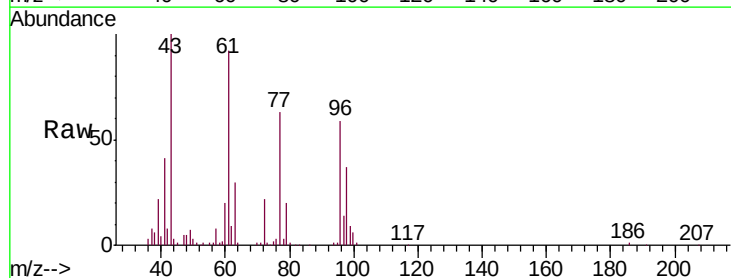
Acq: 07 Sep 2019 15:11

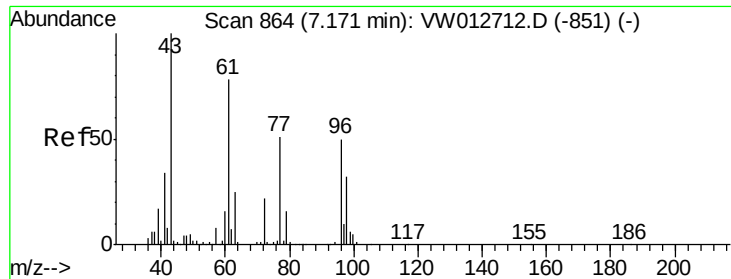
Tgt Ion: 77 Resp: 58307

Ion Ratio Lower Upper

77 100

97 22.1 10.7 32.1



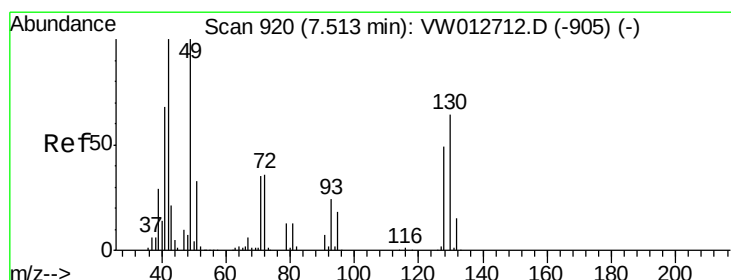
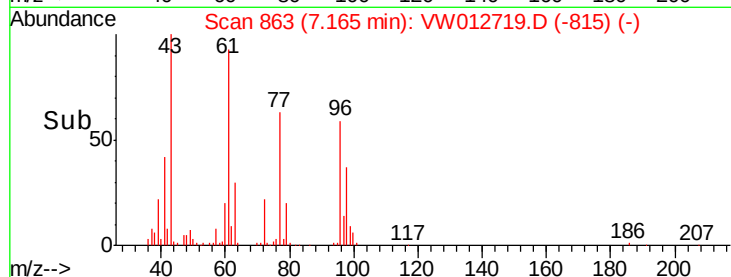
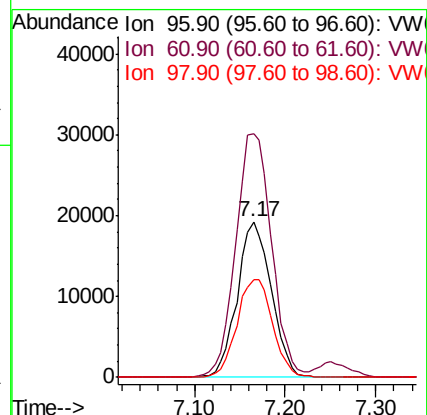
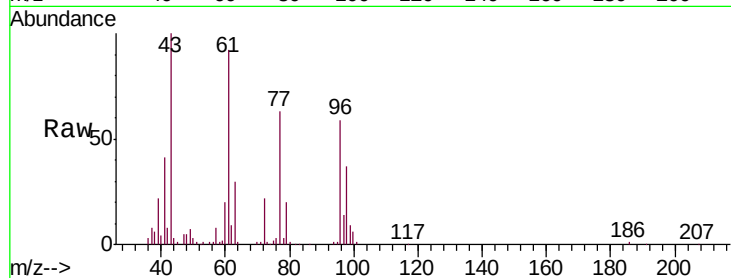


#27

cis-1,2-Dichloroethene
 Concen: 20.658 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

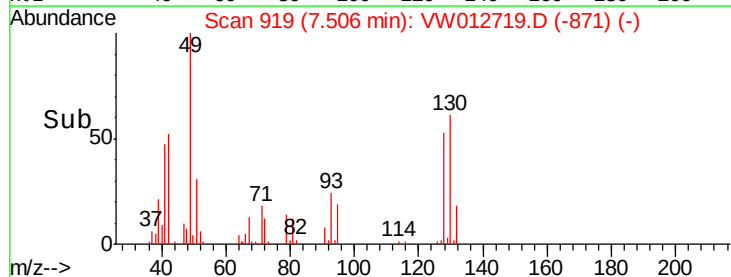
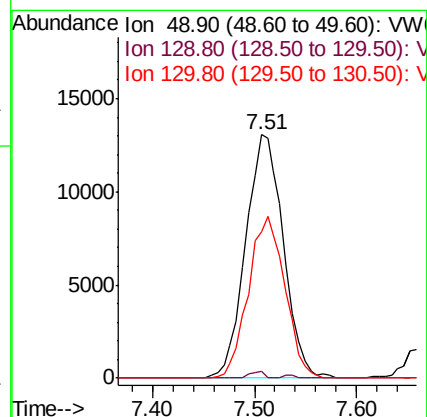
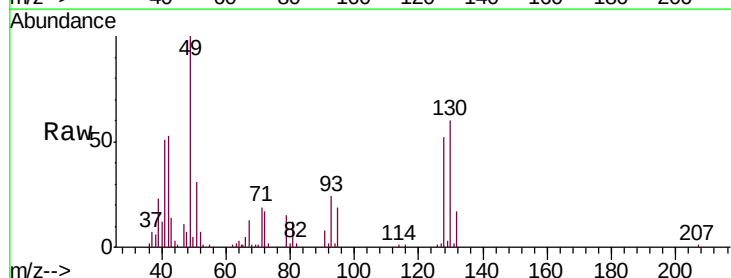
Tgt Ion: 96 Resp: 50171
 Ion Ratio Lower Upper
 96 100
 61 164.4 0.0 325.8
 98 65.8 0.0 127.0

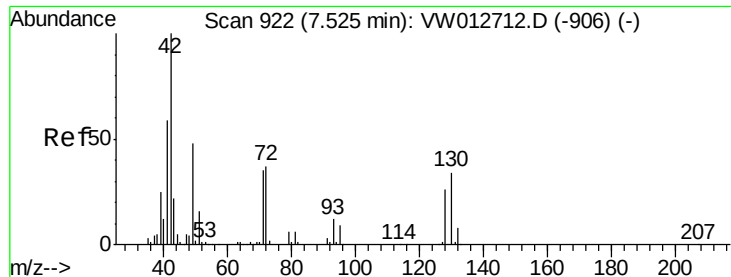


#28

Bromochloromethane
 Concen: 16.057 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion: 49 Resp: 33435
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 0.8#
 130 64.5 49.8 74.8





#29

Tetrahydrofuran

Concen: 78.689 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

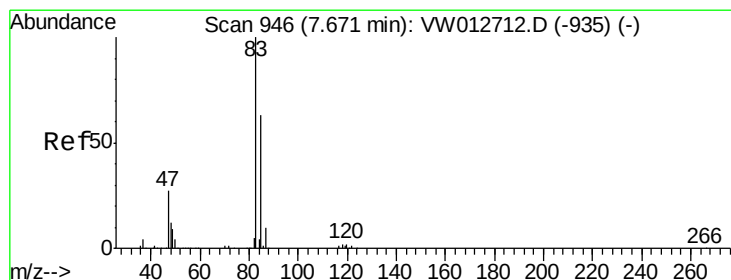
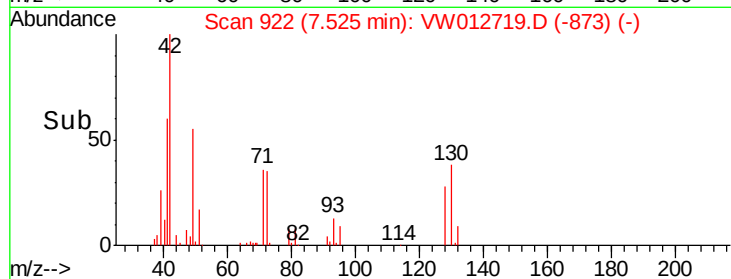
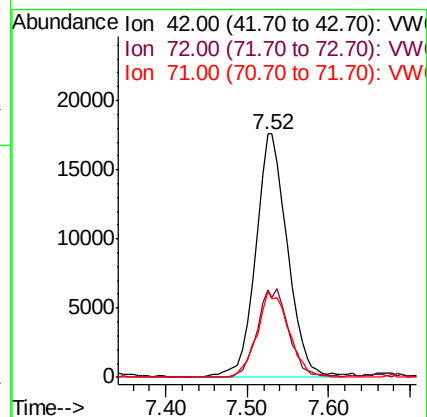
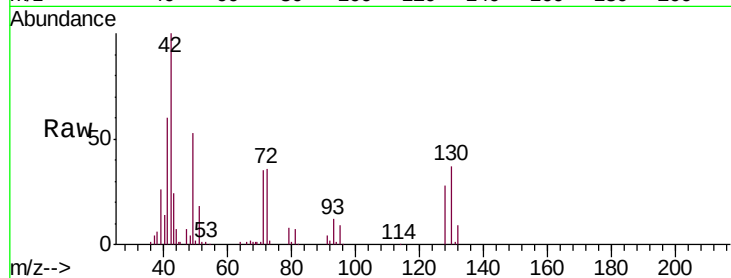
Tgt Ion: 42 Resp: 48114

Ion Ratio Lower Upper

42 100

72 36.1 28.4 42.6

71 34.7 27.1 40.7



#30

Chloroform

Concen: 17.586 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW012719.D

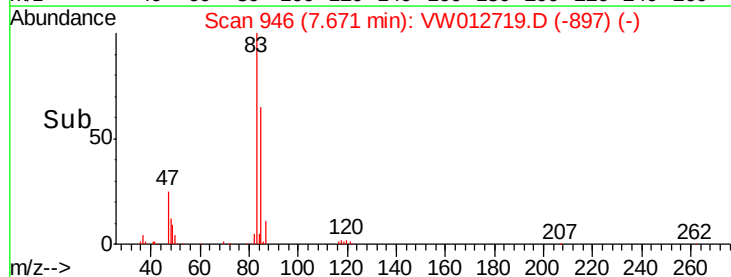
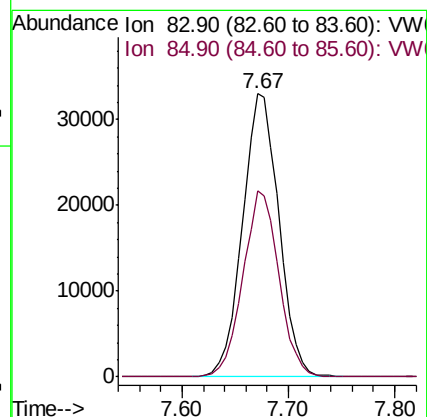
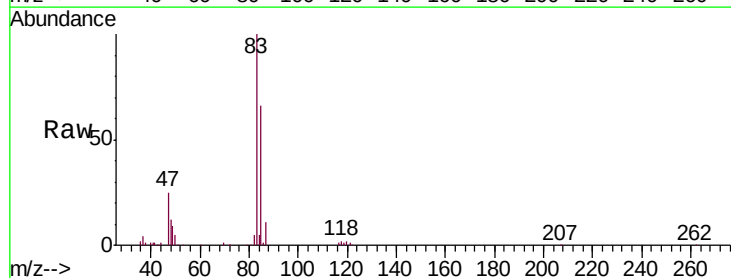
Acq: 07 Sep 2019 15:11

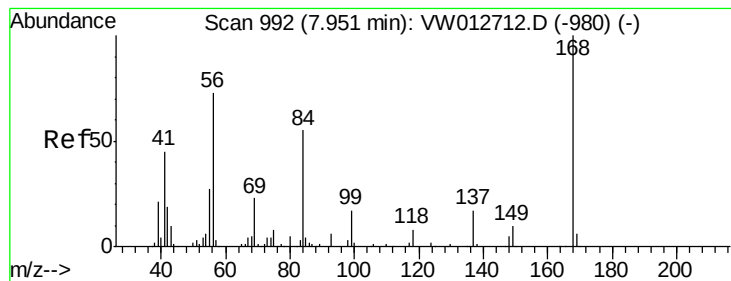
Tgt Ion: 83 Resp: 79036

Ion Ratio Lower Upper

83 100

85 65.8 50.6 76.0





#31

Cyclohexane

Concen: 19.614 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

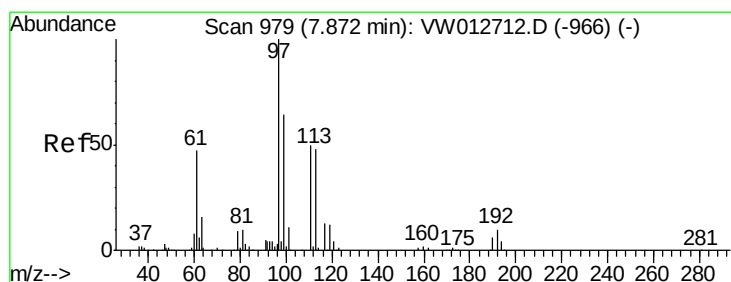
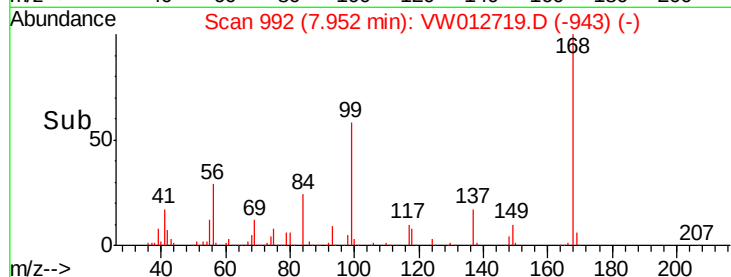
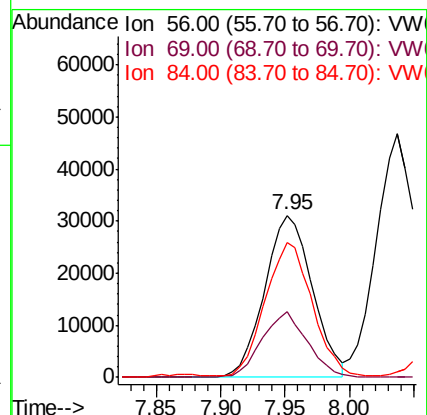
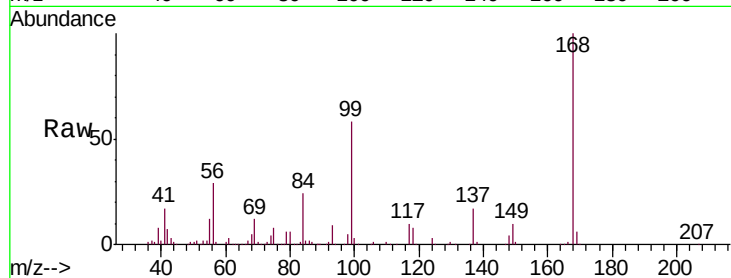
Tgt Ion: 56 Resp: 80077

Ion Ratio Lower Upper

56 100

69 40.6 25.7 38.5#

84 81.4 60.4 90.6



#32

1,1,1-Trichloroethane

Concen: 18.092 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

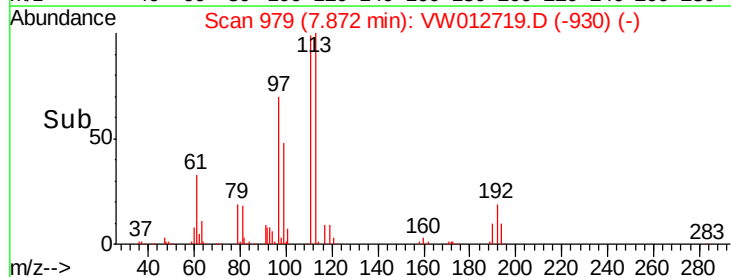
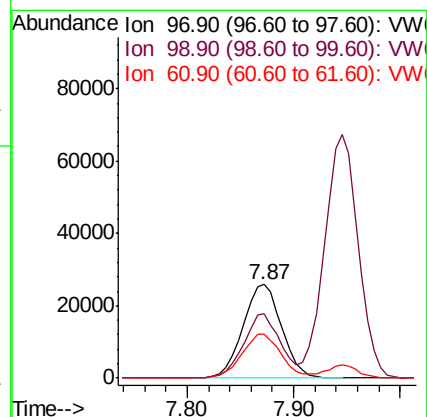
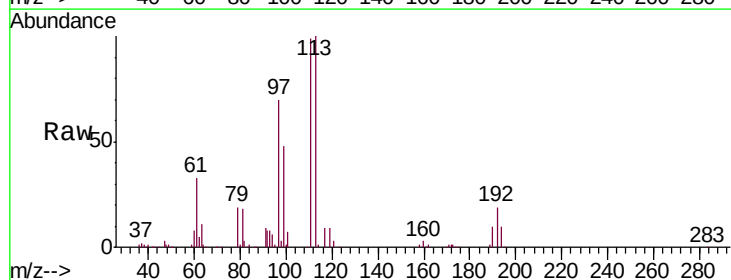
Tgt Ion: 97 Resp: 65909

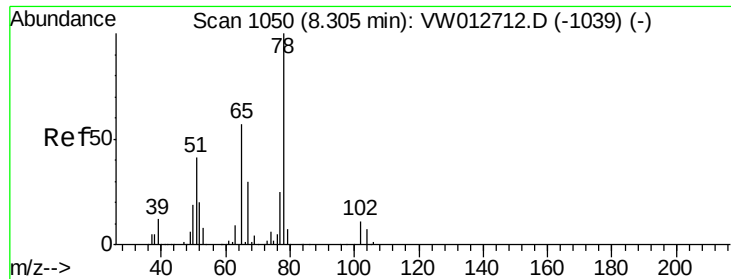
Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 47.5 37.9 56.9

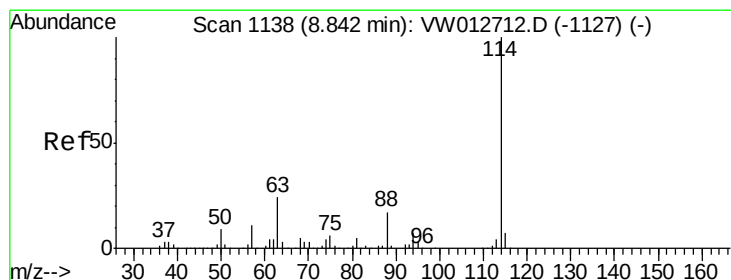
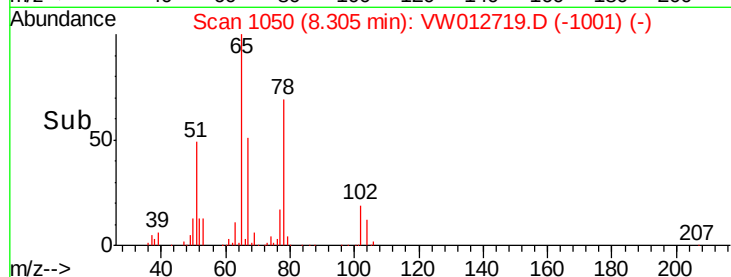
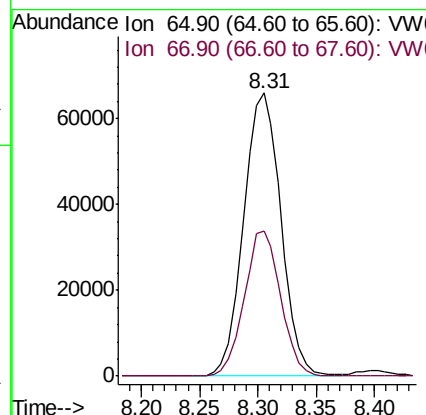
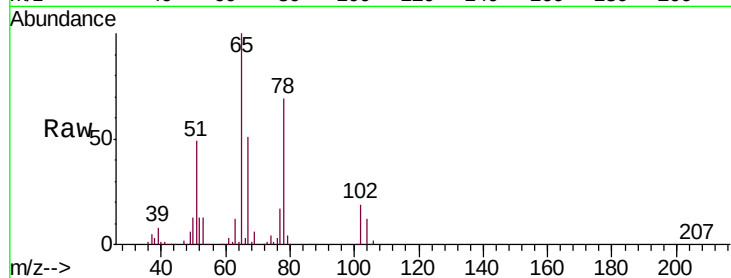




#33
 1,2-Dichloroethane-d4
 Concen: 53.028 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

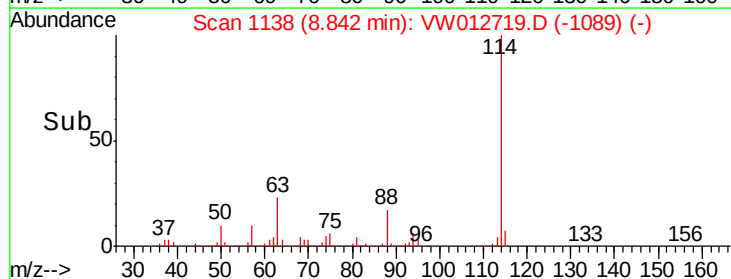
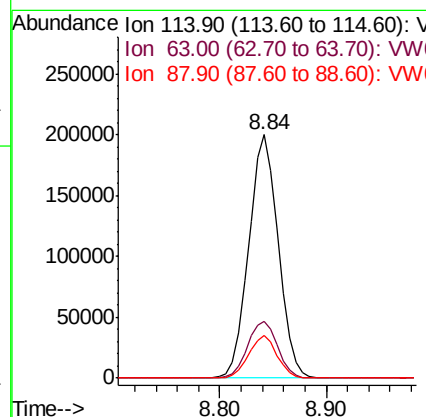
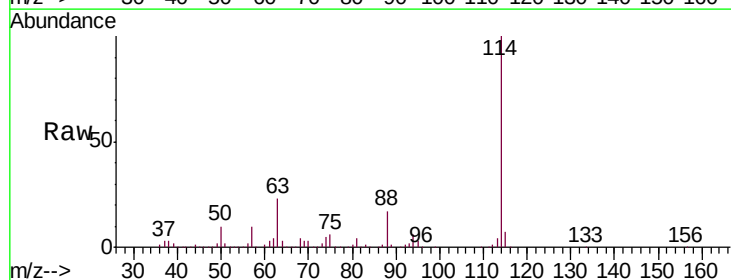
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

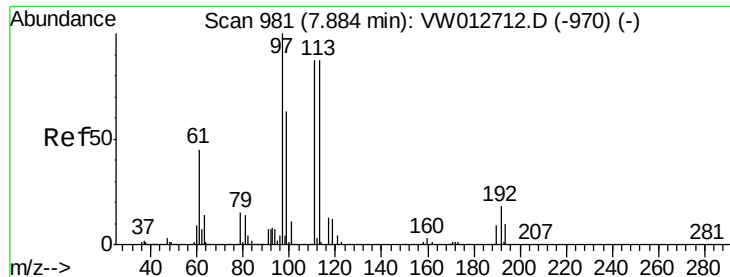
Tgt Ion: 65 Resp: 147279
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion: 114 Resp: 388783
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.2
 88 17.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.069 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

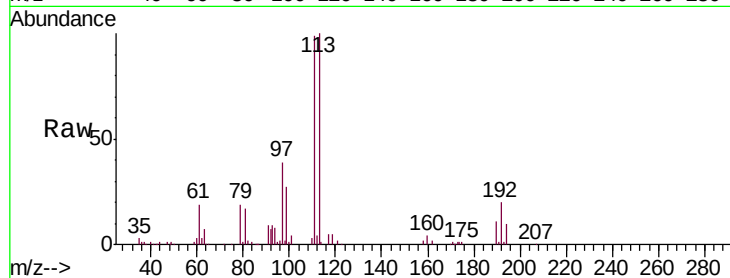
Tgt Ion: 113 Resp: 106486

Ion Ratio Lower Upper

113 100

111 101.6 80.2 120.4

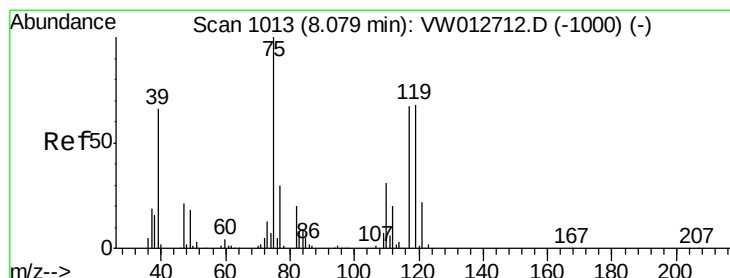
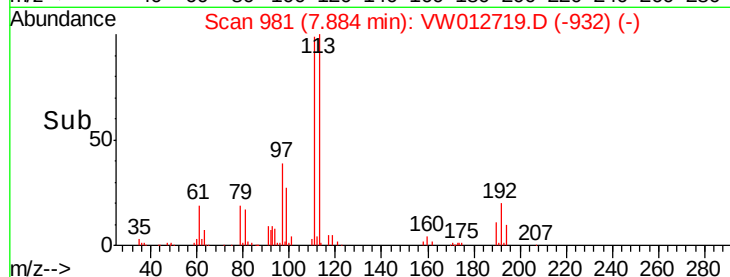
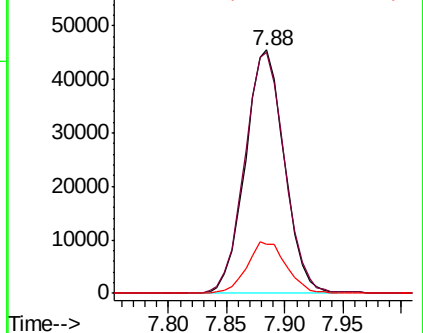
192 21.3 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.221 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

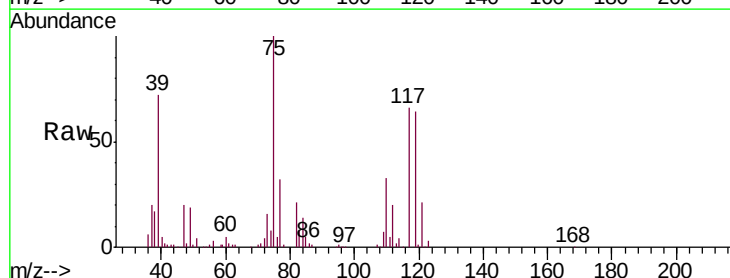
Tgt Ion: 75 Resp: 66398

Ion Ratio Lower Upper

75 100

110 32.0 15.9 47.7

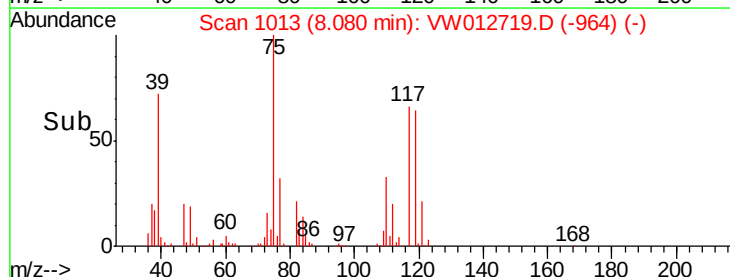
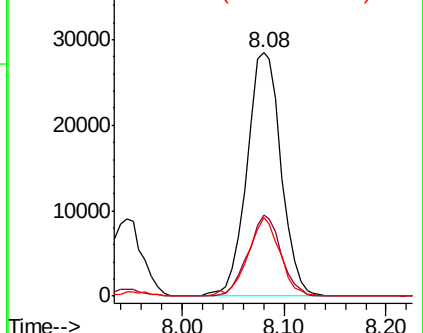
77 30.4 25.0 37.4

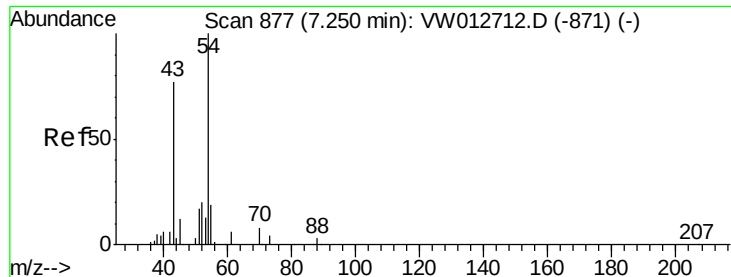


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 18.021 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

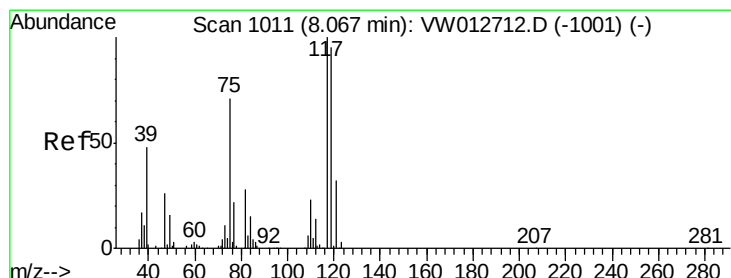
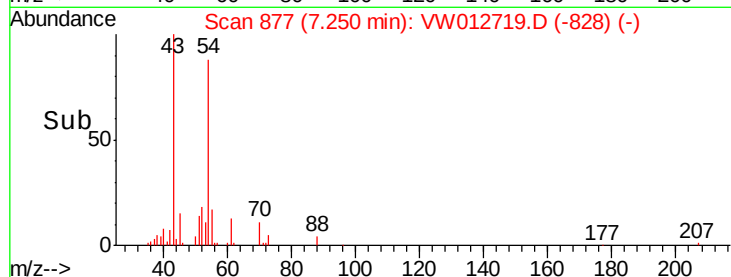
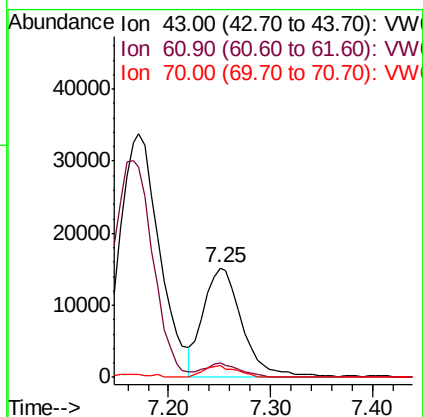
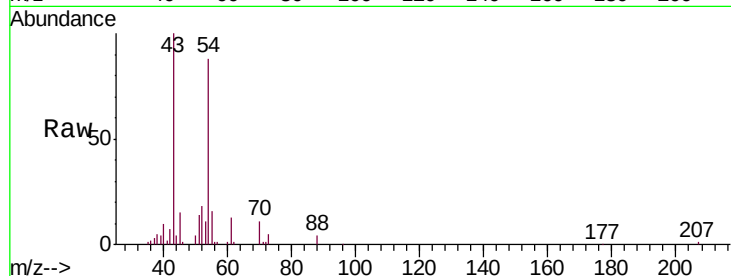
Tgt Ion: 43 Resp: 39684

Ion Ratio Lower Upper

43 100

61 12.3 9.5 14.3

70 9.5 7.0 10.6



#38

Carbon Tetrachloride

Concen: 18.460 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

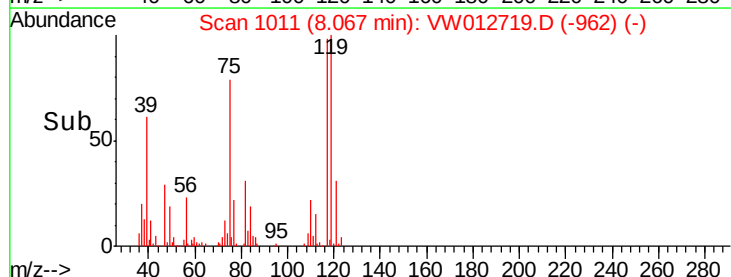
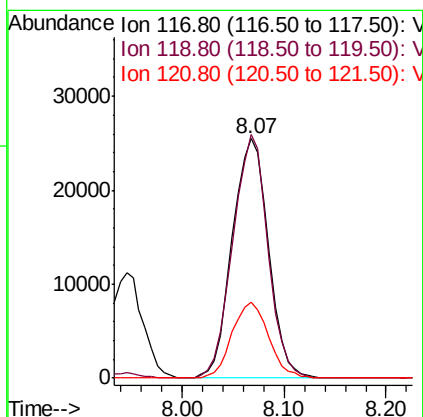
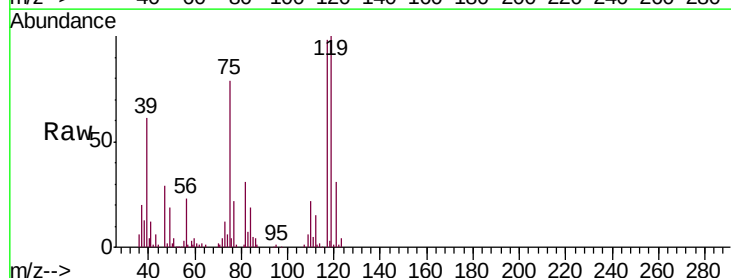
Tgt Ion: 117 Resp: 62861

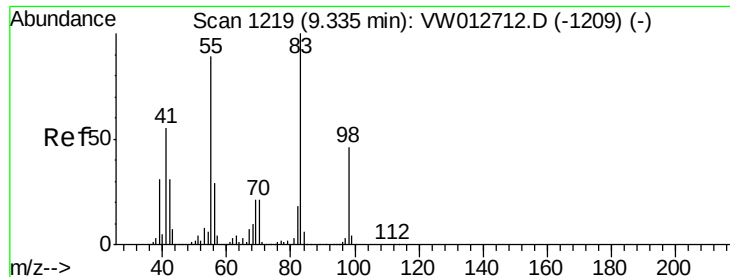
Ion Ratio Lower Upper

117 100

119 101.8 76.2 114.2

121 31.7 25.4 38.2

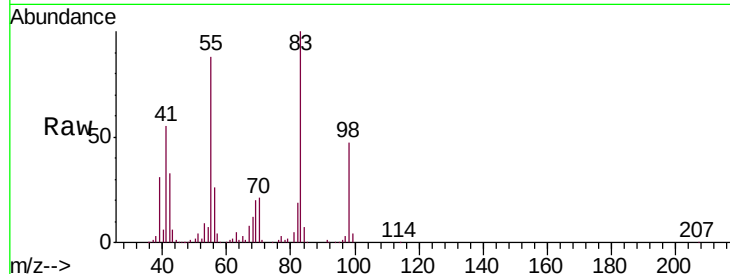




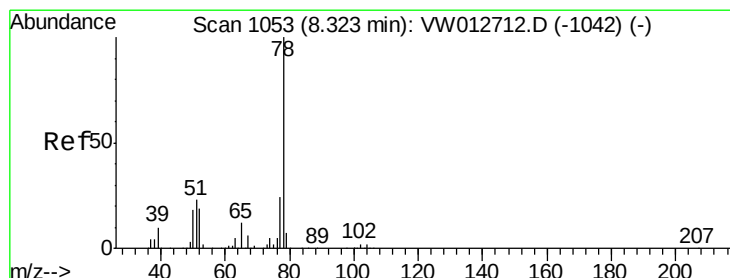
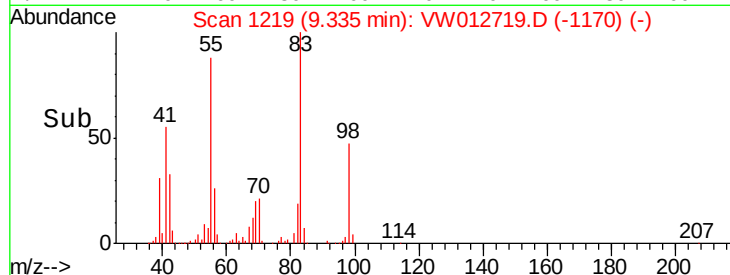
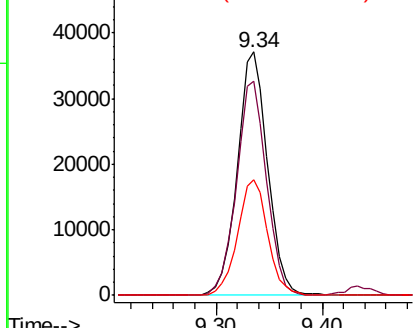
#39
Methylcyclohexane
Concen: 19.106 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tgt Ion: 83 Resp: 74126
Ion Ratio Lower Upper
83 100
55 87.8 71.0 106.4
98 47.4 36.9 55.3

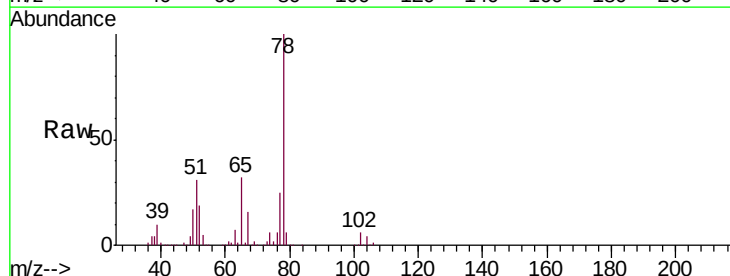


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

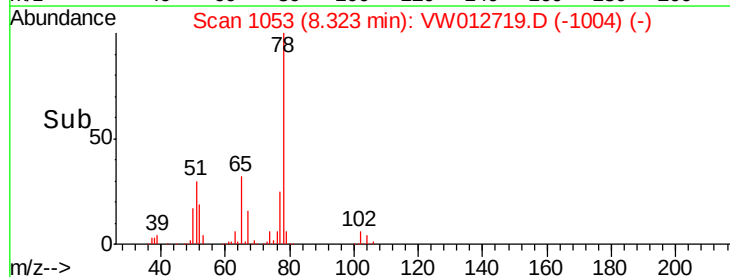
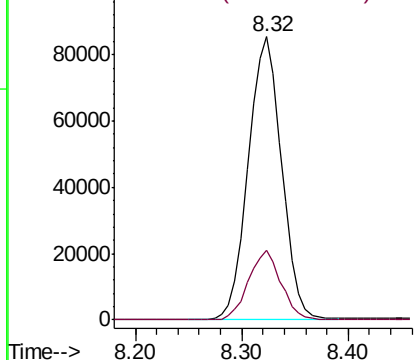


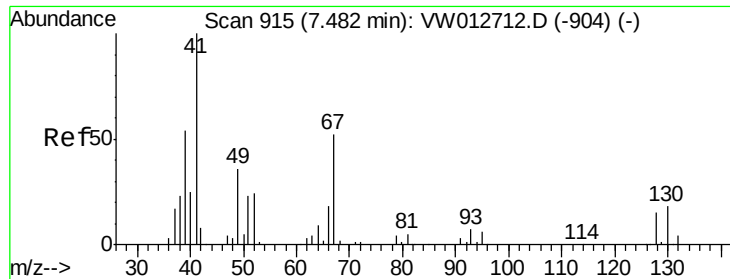
#40
Benzene
Concen: 19.633 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion: 78 Resp: 188167
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

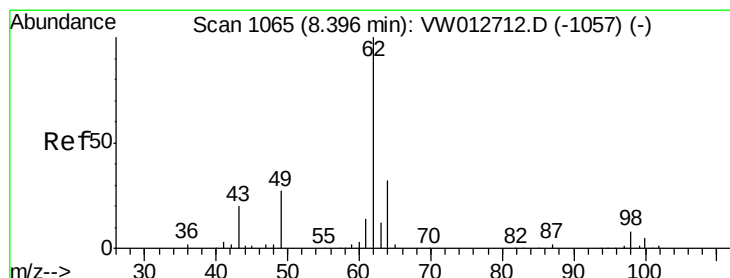
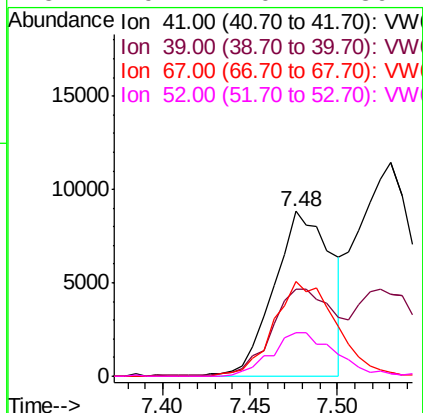
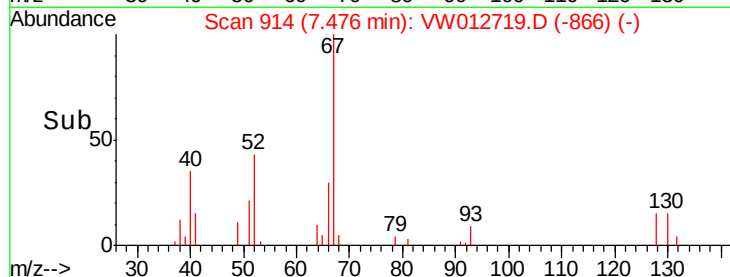
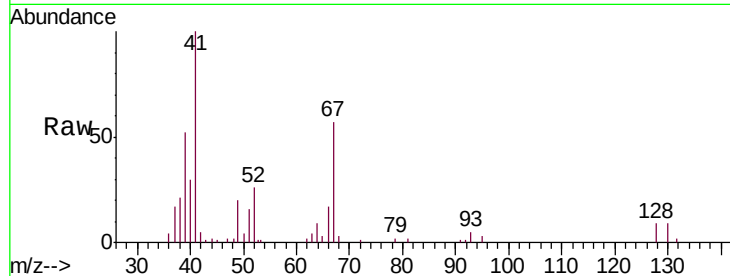




#41
Methacrylonitrile
Concen: 16.315 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

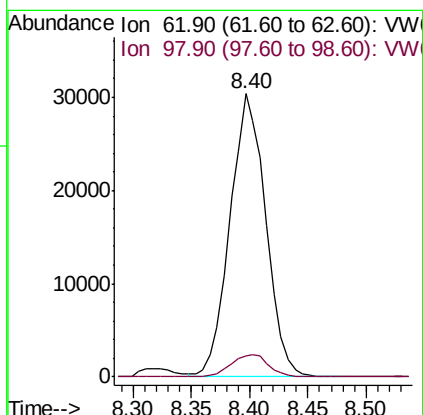
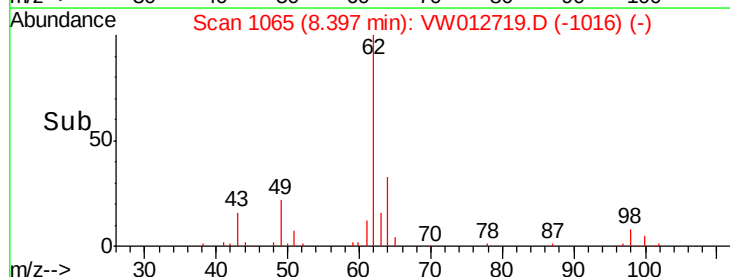
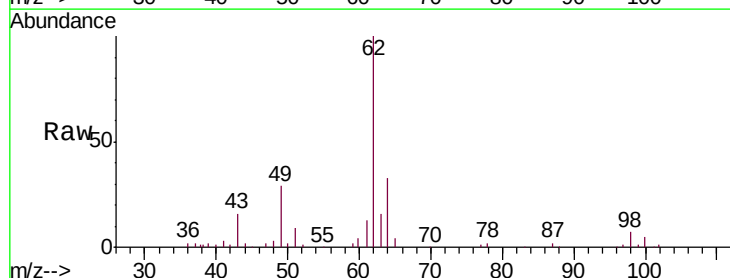
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

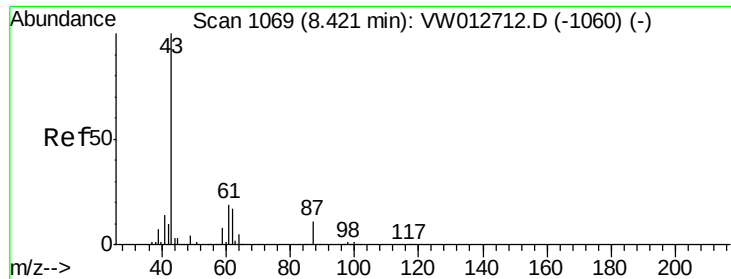
Tgt Ion:	41	Resp:	20229
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.5	71.3
67	62.6	45.1	67.7
52	29.7	20.2	30.2



#42
1,2-Dichloroethane
Concen: 19.235 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion:	62	Resp:	64881
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 17.428 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

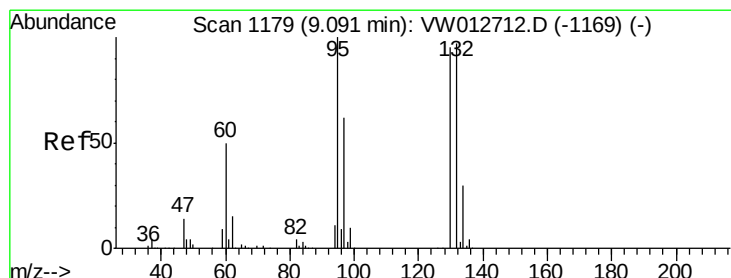
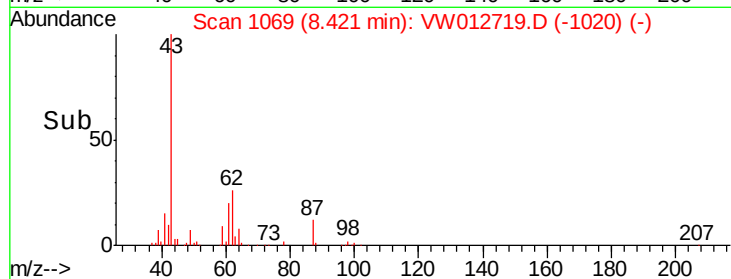
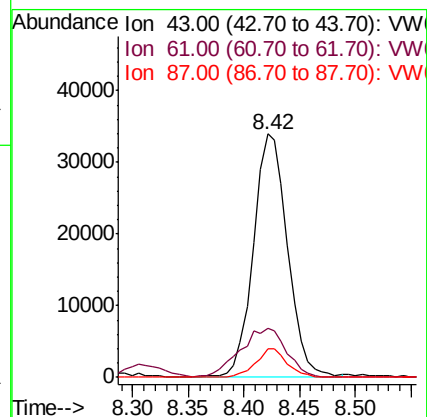
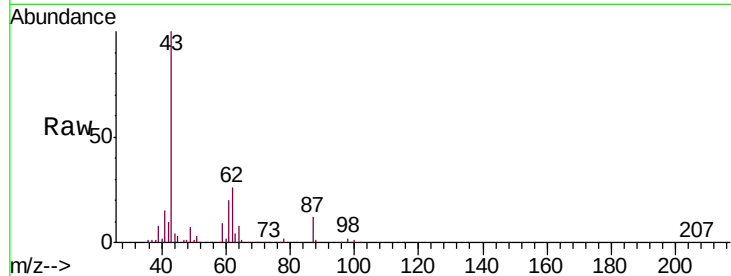
Tgt Ion: 43 Resp: 72710

Ion Ratio Lower Upper

43 100

61 27.4 20.6 30.8

87 10.8 8.6 13.0



#44

Trichloroethene

Concen: 18.480 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012719.D

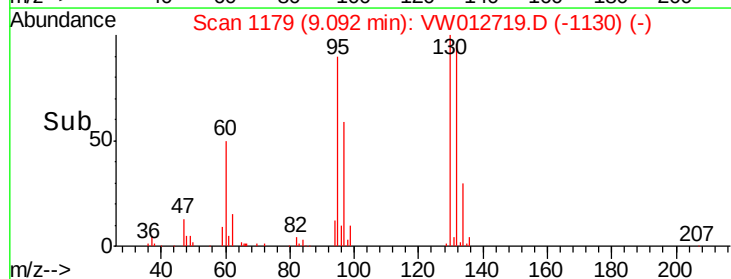
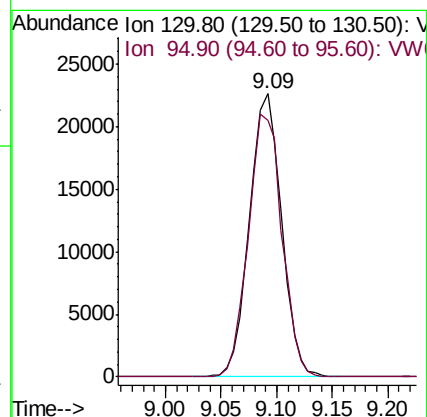
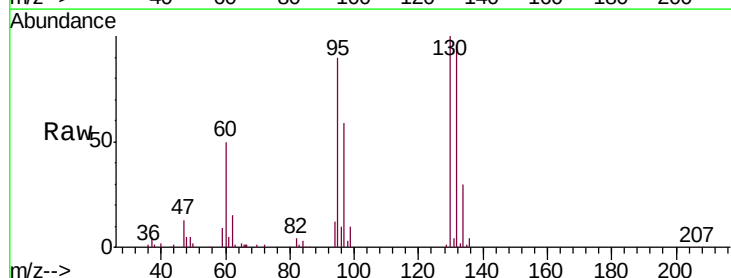
Acq: 07 Sep 2019 15:11

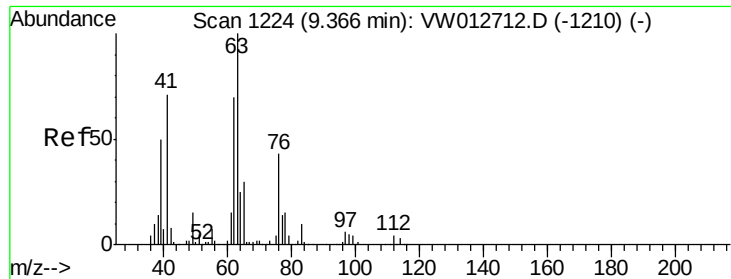
Tgt Ion: 130 Resp: 45655

Ion Ratio Lower Upper

130 100

95 90.5 0.0 210.6

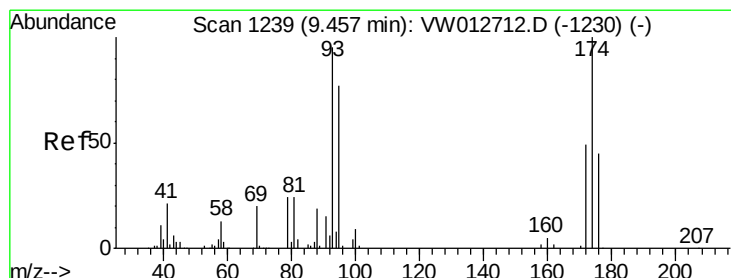
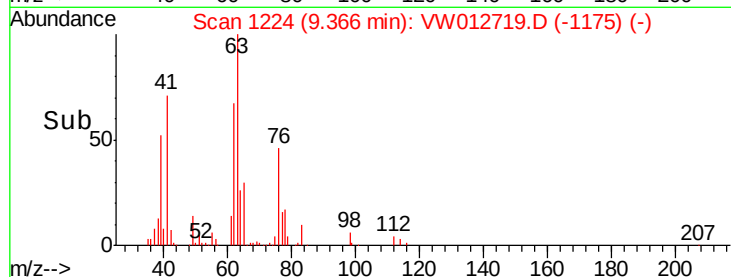
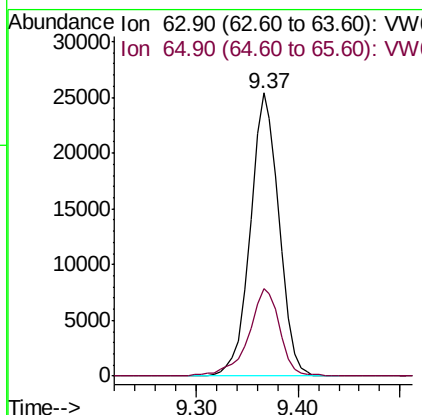
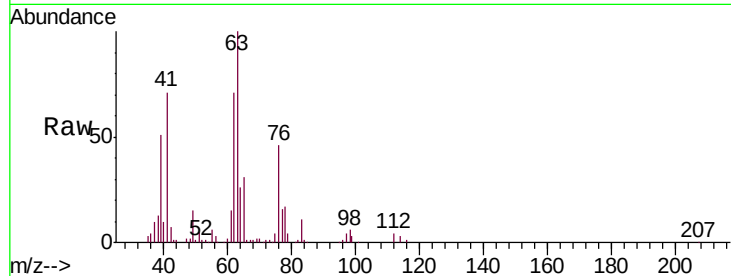




#45
 1,2-Dichloropropane
 Concen: 18.751 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

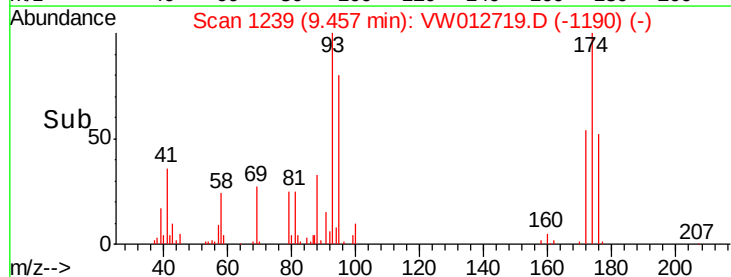
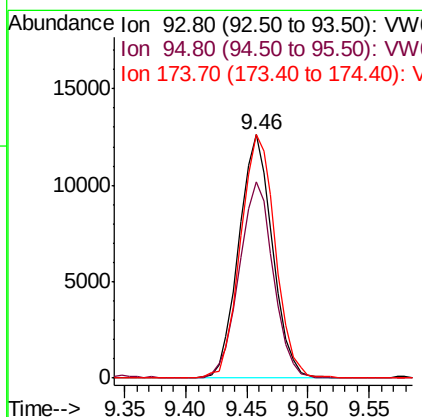
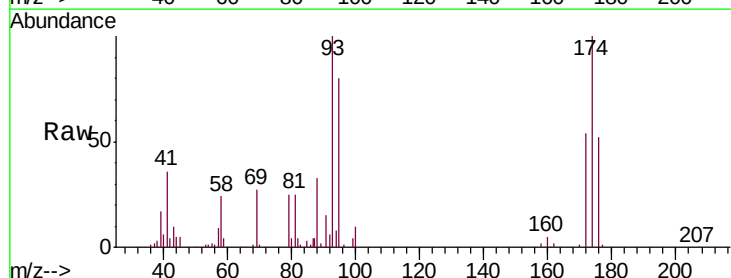
Instrument :
 MSVOA_W
 ClientSampled :
 VW0907SBS01

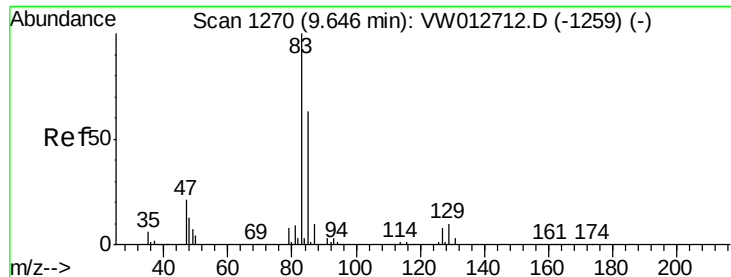
Tgt Ion: 63 Resp: 49844
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.8 35.8



#46
 Dibromomethane
 Concen: 19.104 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion: 93 Resp: 24048
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.2 97.8
 174 103.4 84.2 126.4

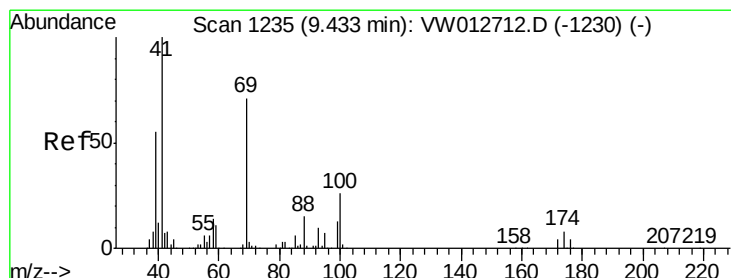
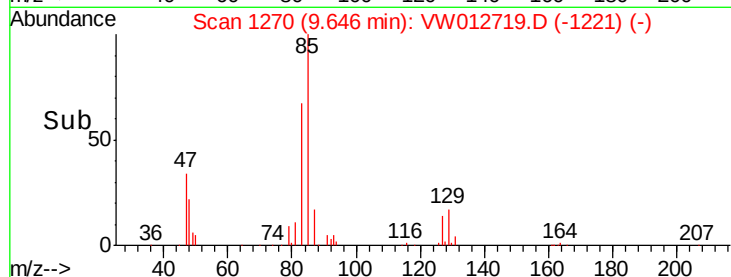
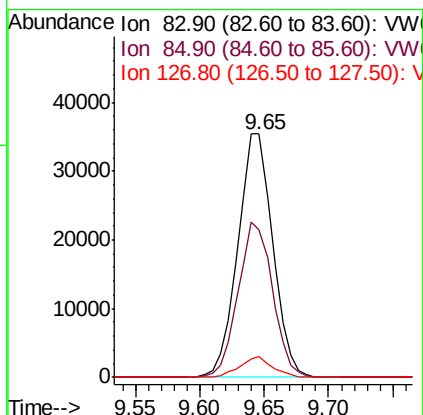
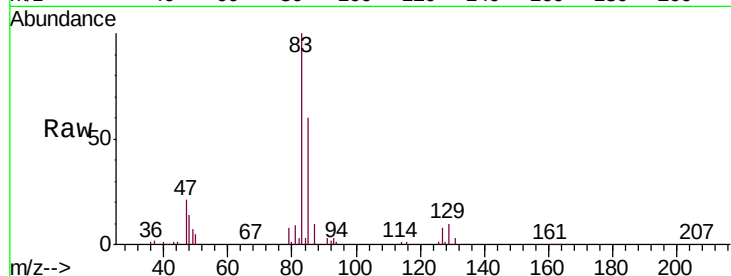




#47
 Bromodichloromethane
 Concen: 19.221 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

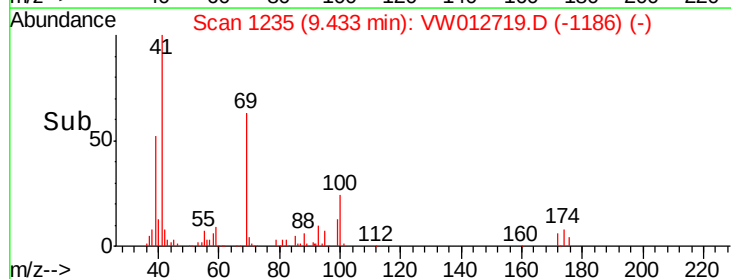
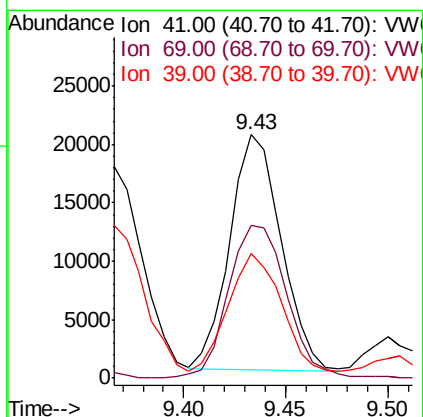
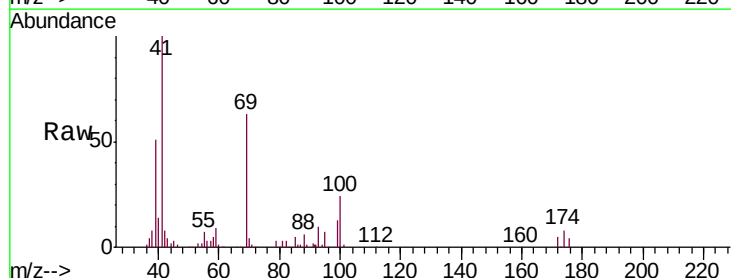
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

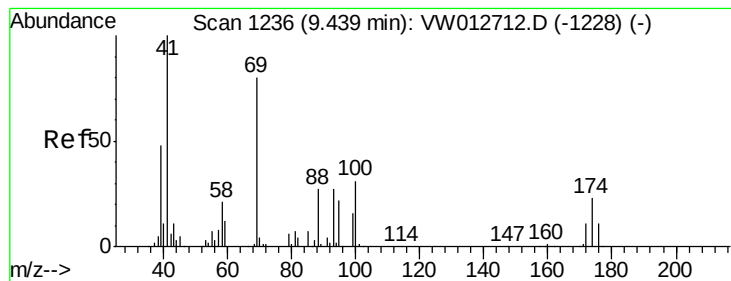
Tgt Ion: 83 Resp: 66567
 Ion Ratio Lower Upper
 83 100
 85 60.4 50.2 75.2
 127 8.5 6.6 9.8



#48
 Methyl methacrylate
 Concen: 17.633 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion: 41 Resp: 35157
 Ion Ratio Lower Upper
 41 100
 69 74.4 59.8 89.8
 39 58.3 47.0 70.6





#49

1,4-Dioxane

Concen: 343.861 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.02 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

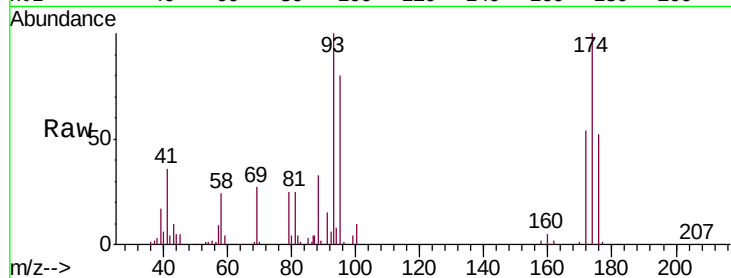
Tgt Ion: 88 Resp: 8550

Ion Ratio Lower Upper

88 100

43 34.9 34.8 52.2

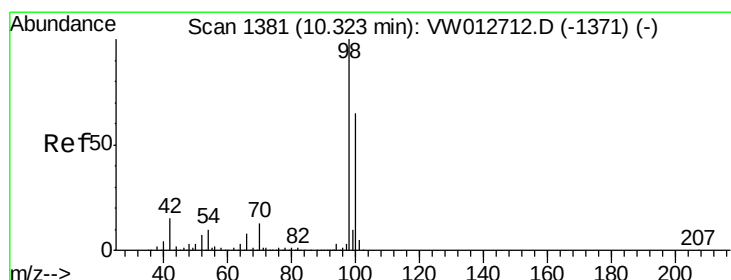
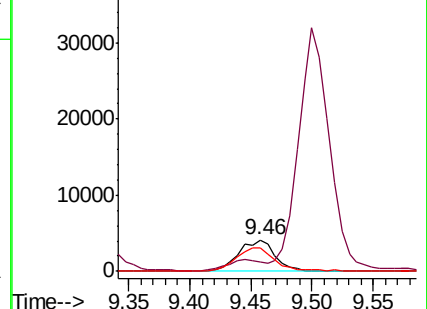
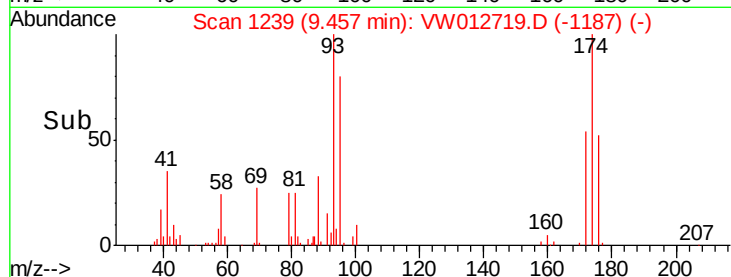
58 81.4 64.1 96.1



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: 53.257 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012719.D

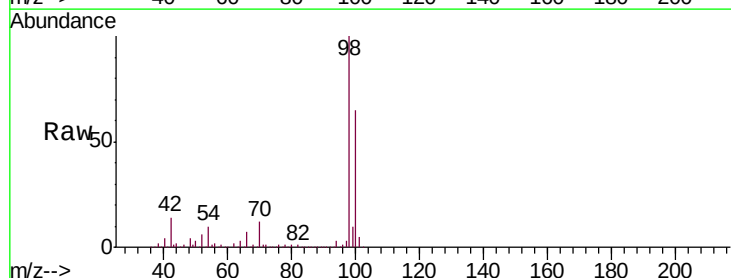
Acq: 07 Sep 2019 15:11

Tgt Ion: 98 Resp: 482275

Ion Ratio Lower Upper

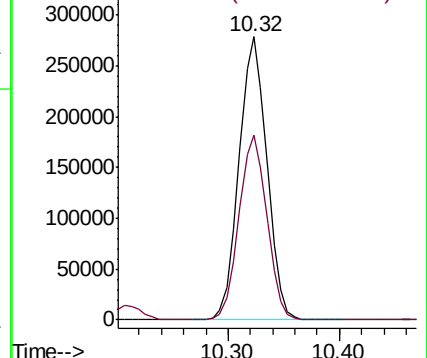
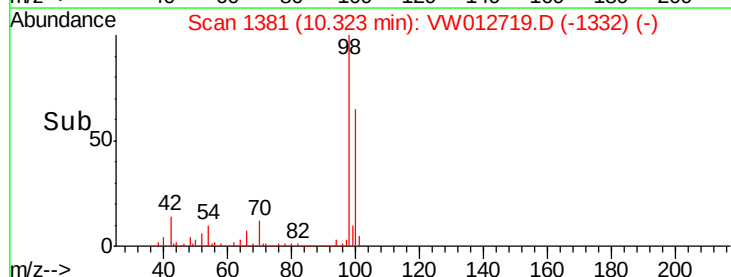
98 100

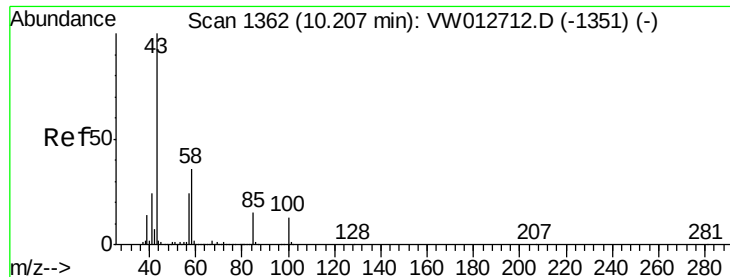
100 65.4 52.2 78.4



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: 90.635 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

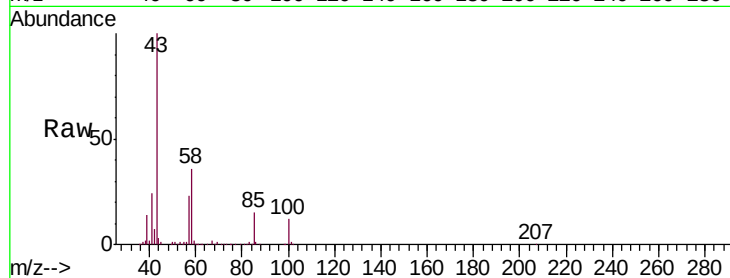
VW0907SBS01

Tgt Ion: 43 Resp: 198417

Ion Ratio Lower Upper

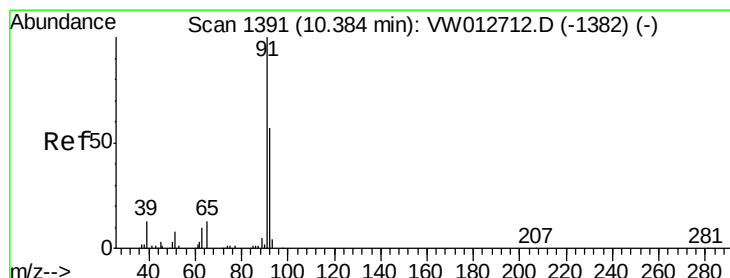
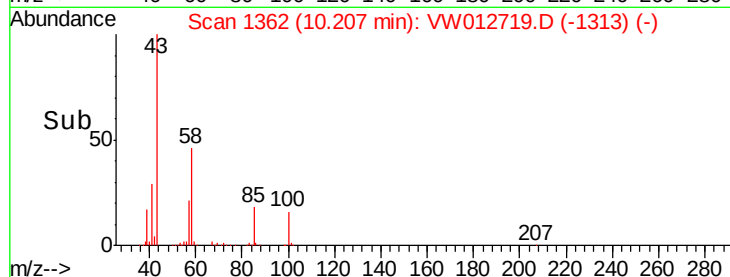
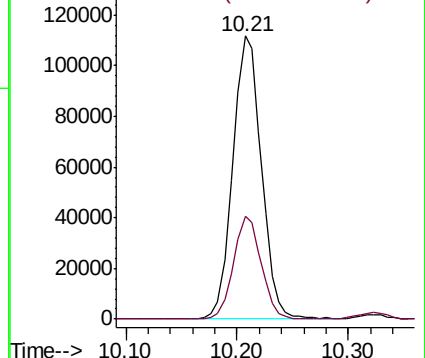
43 100

58 35.2 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.698 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW012719.D

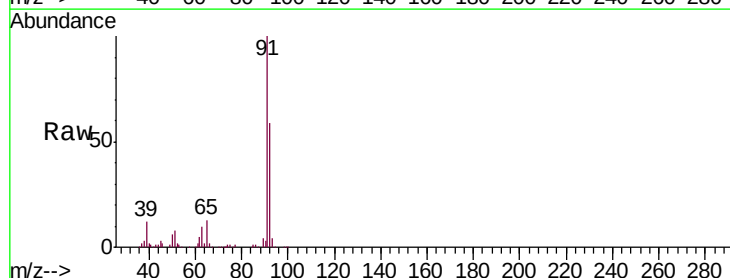
Acq: 07 Sep 2019 15:11

Tgt Ion: 92 Resp: 117832

Ion Ratio Lower Upper

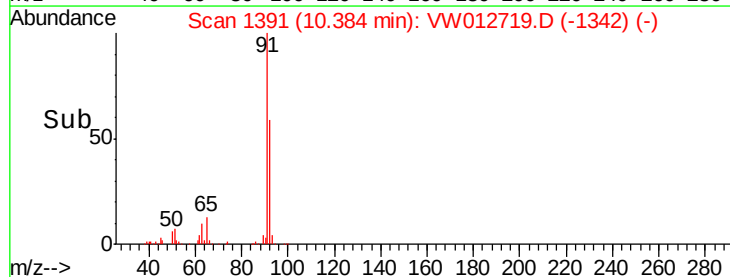
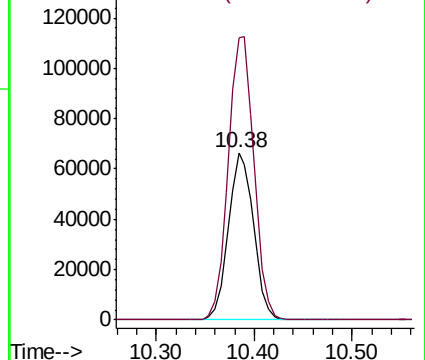
92 100

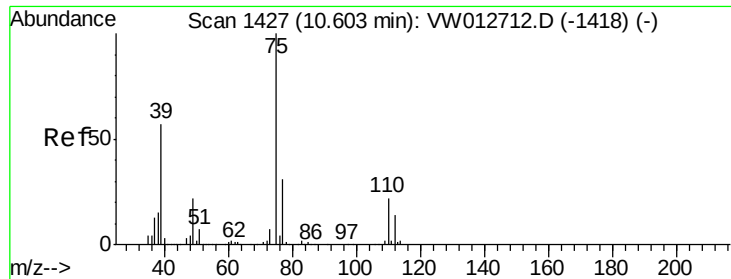
91 173.3 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 18.380 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

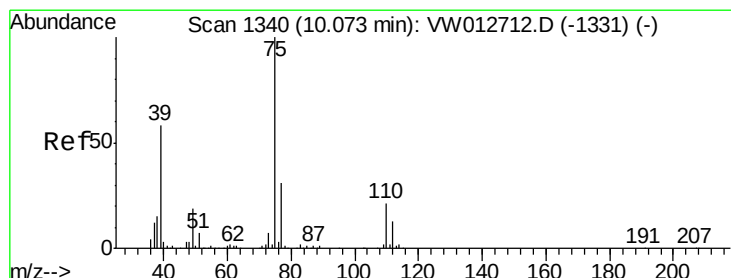
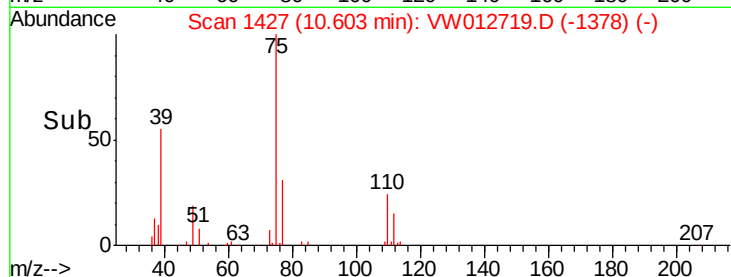
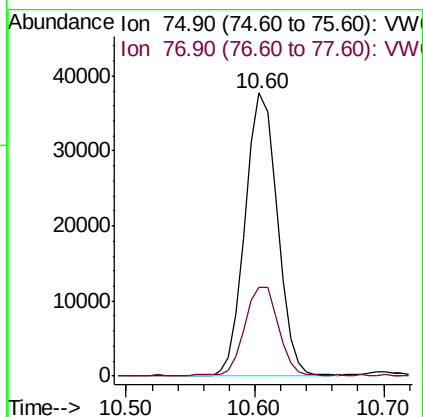
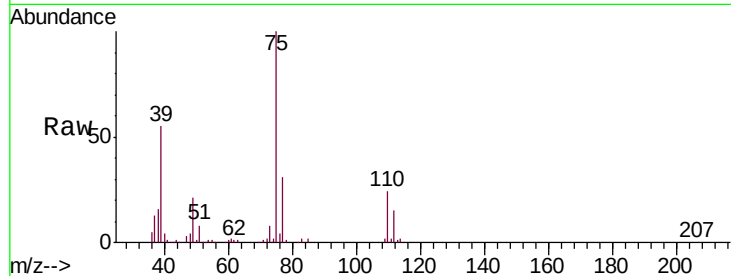
VW0907SBS01

Tgt Ion: 75 Resp: 65453

Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 18.767 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

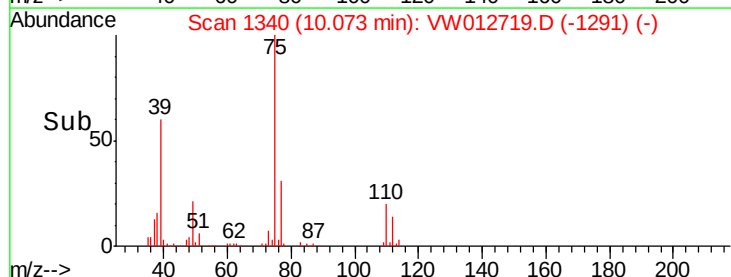
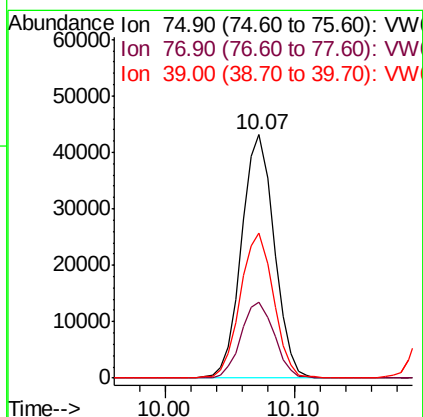
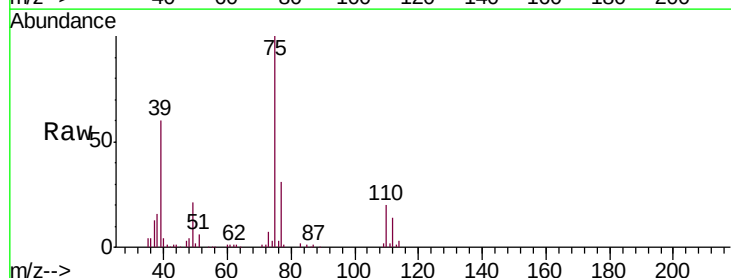
Tgt Ion: 75 Resp: 75816

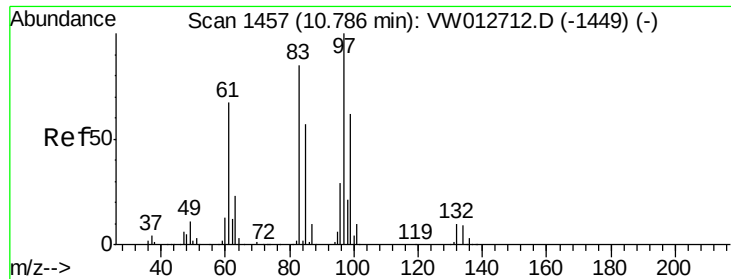
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 59.3 46.3 69.5

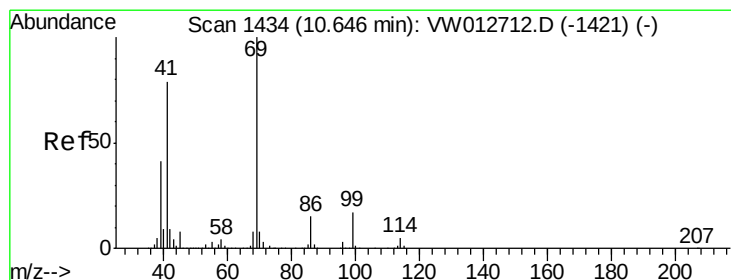
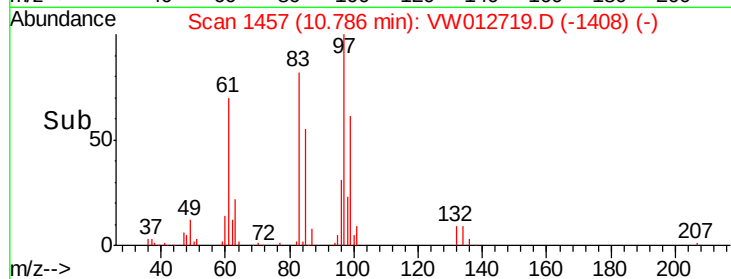
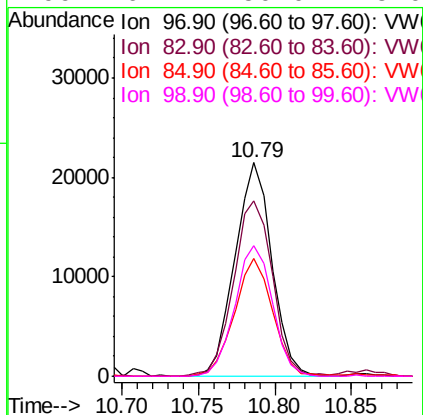
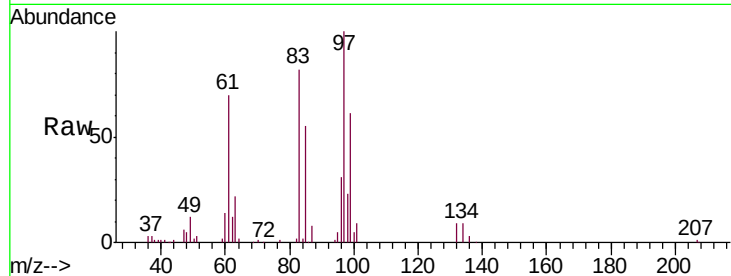




#55
 1,1,2-Trichloroethane
 Concen: 19.089 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

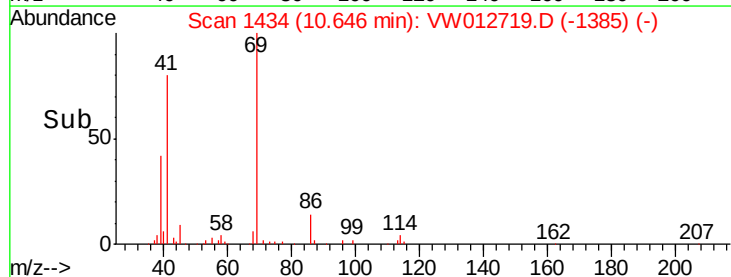
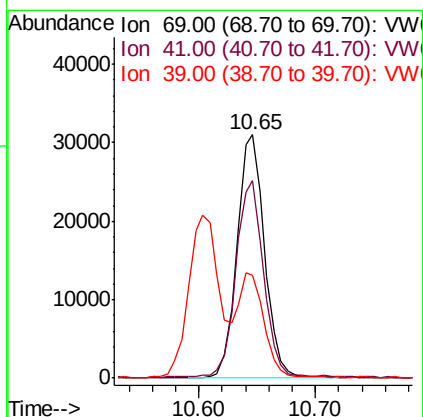
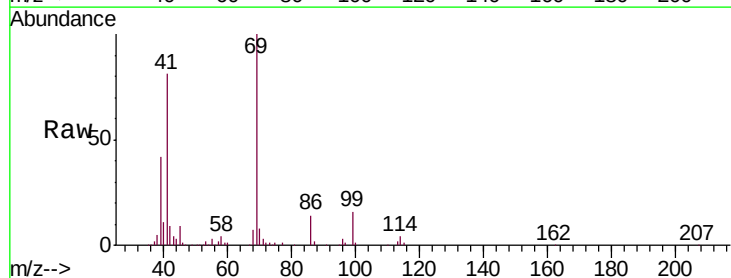
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

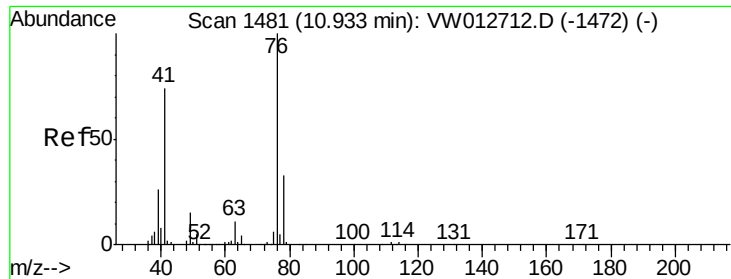
Tgt Ion:	97	Resp:	35975
Ion	Ratio	Lower	Upper
97	100		
83	82.0	68.1	102.1
85	55.1	45.3	67.9
99	61.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.511 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion:	69	Resp:	51066
Ion	Ratio	Lower	Upper
69	100		
41	79.5	64.4	96.6
39	38.9	31.1	46.7

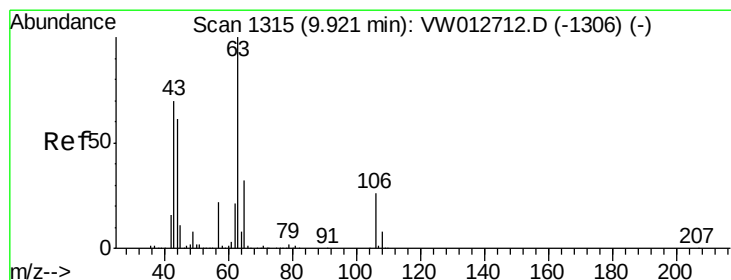
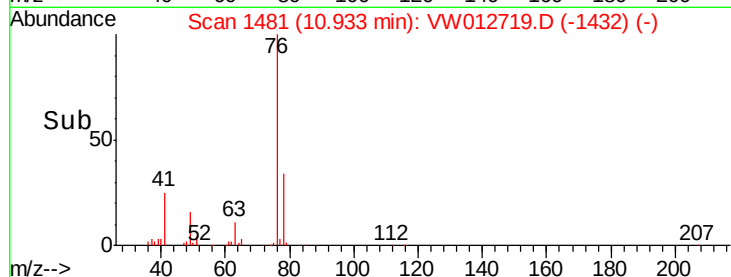
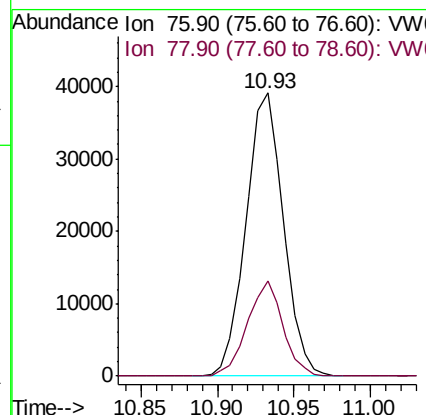
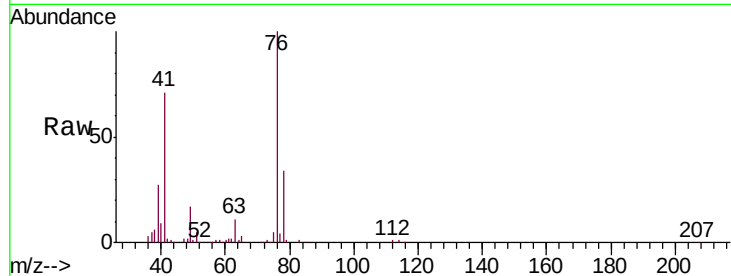




#57
 1,3-Dichloropropane
 Concen: 19.098 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

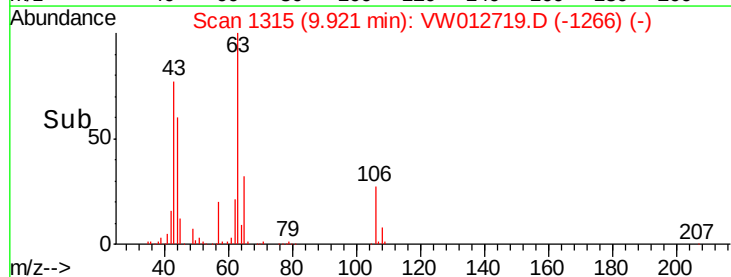
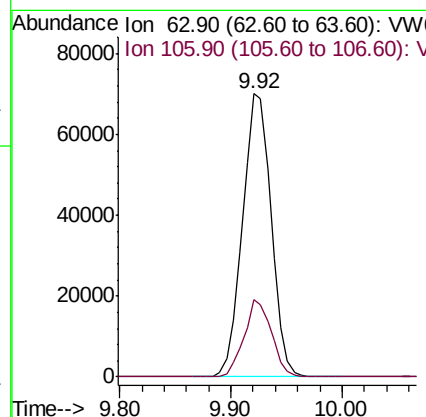
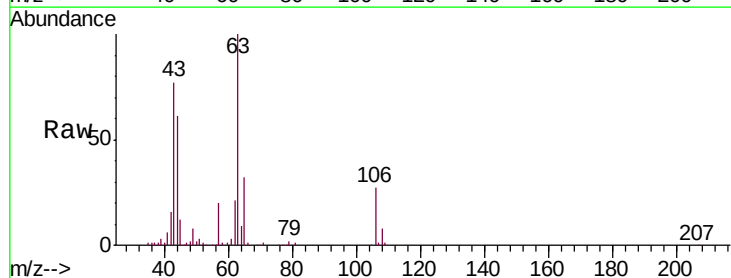
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

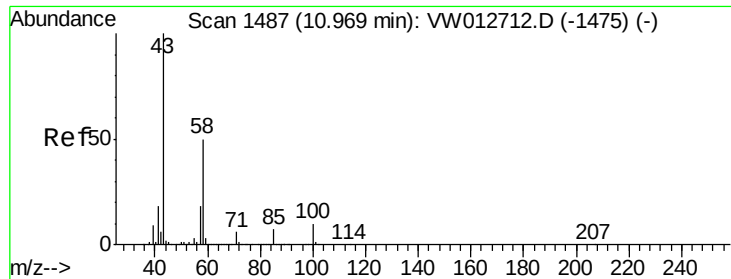
Tgt Ion: 76 Resp: 66582
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.640 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion: 63 Resp: 125419
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.5 30.7

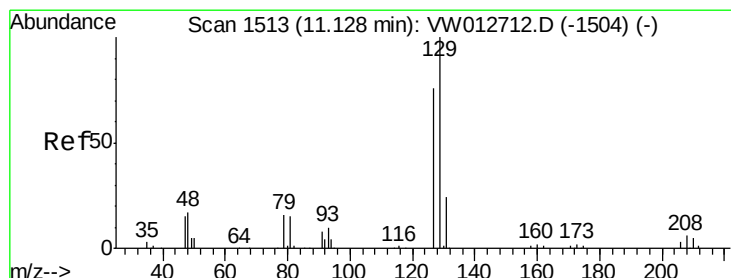
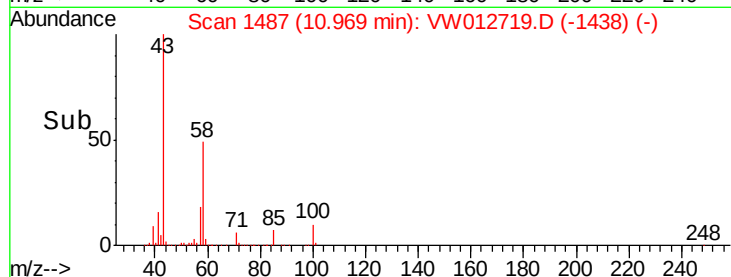
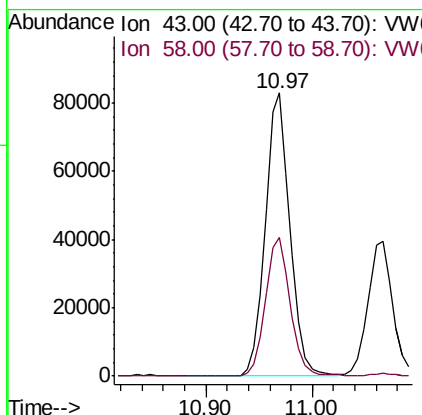
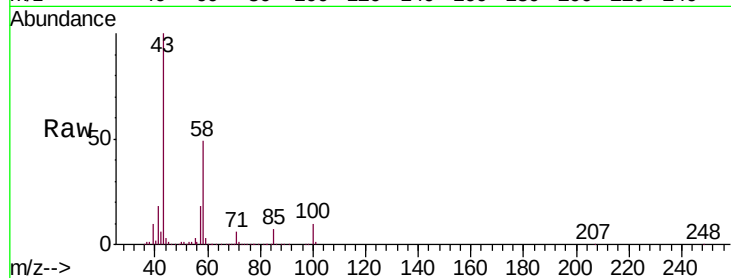




#59
2-Hexanone
Concen: 83.812 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

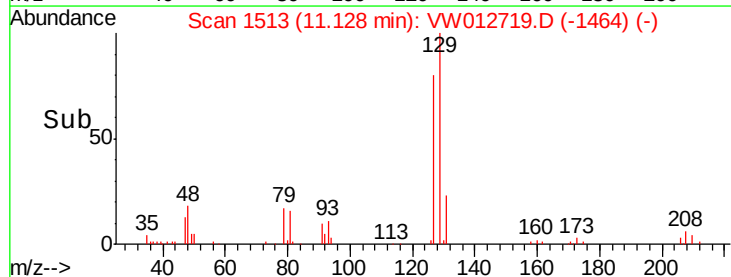
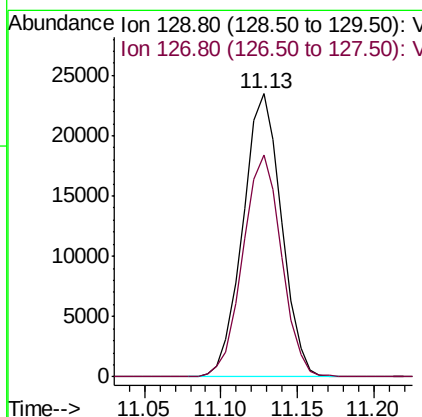
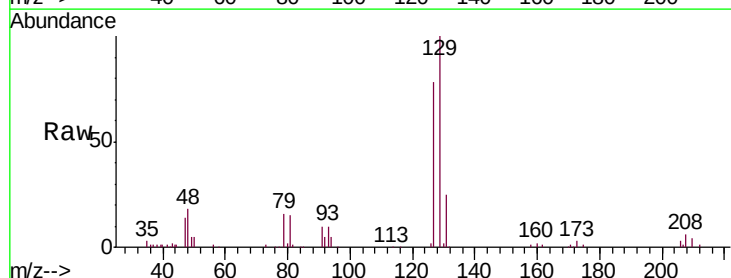
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

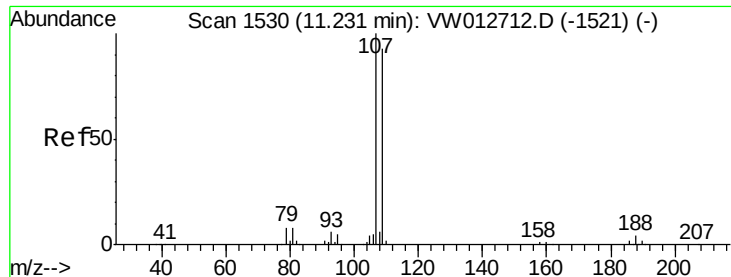
Tgt Ion: 43 Resp: 134047
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1



#60
Dibromochloromethane
Concen: 18.591 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion: 129 Resp: 41205
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.632 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

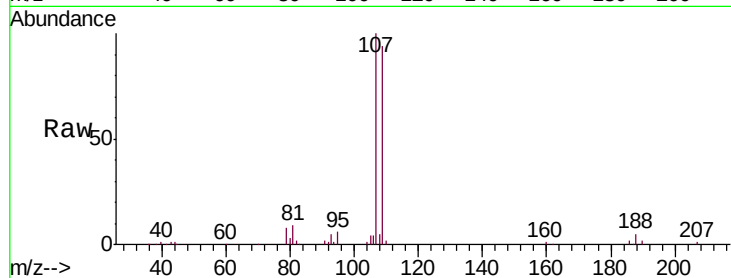
VW0907SBS01

Tgt Ion: 107 Resp: 32191

Ion Ratio Lower Upper

107 100

109 90.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

20000

15000

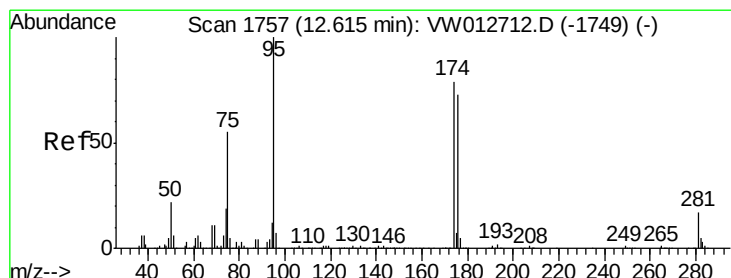
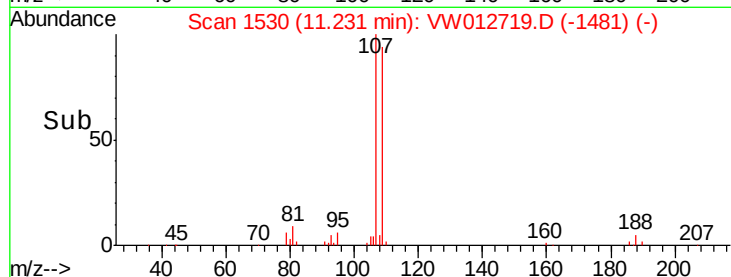
10000

5000

0

11.20 11.30

Time-->



#62

4-Bromofluorobenzene

Concen: 51.257 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

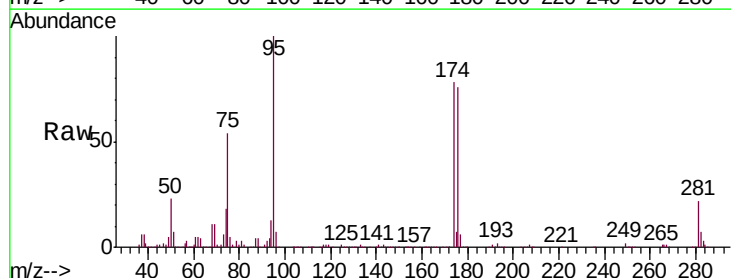
Tgt Ion: 95 Resp: 168506

Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.0

176 78.0 0.0 156.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

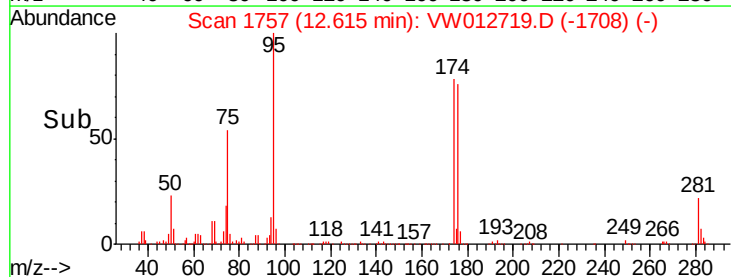
100000

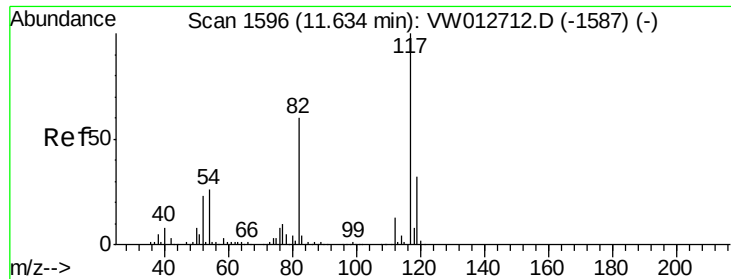
50000

0

12.60 12.70

Time-->

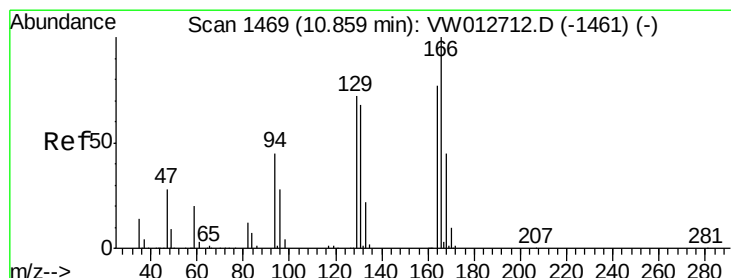
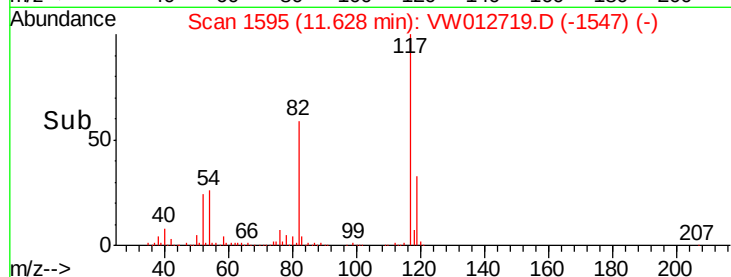
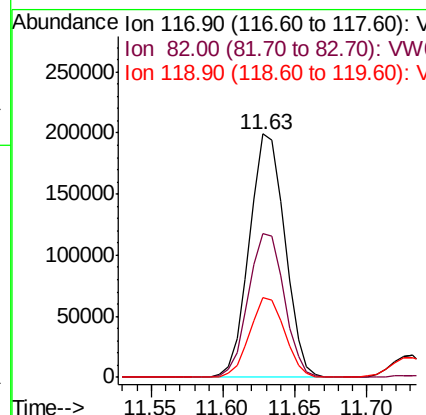
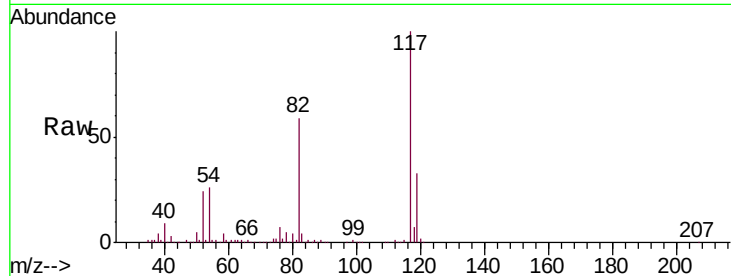




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

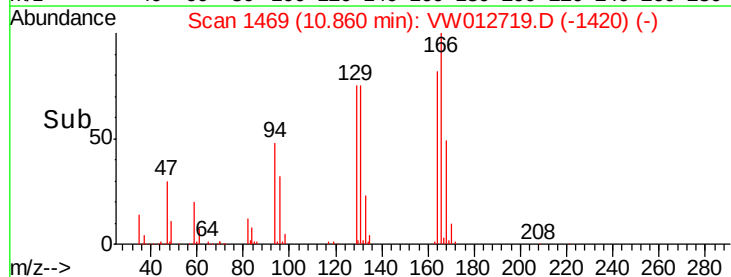
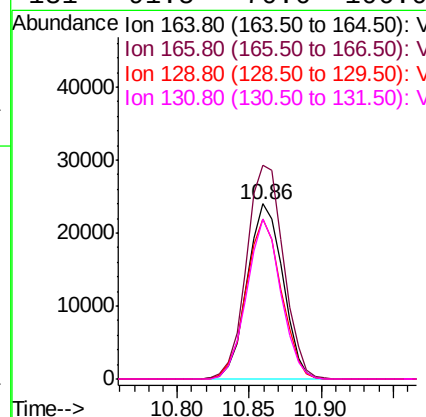
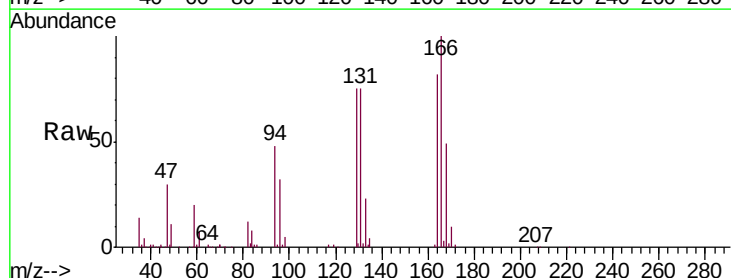
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

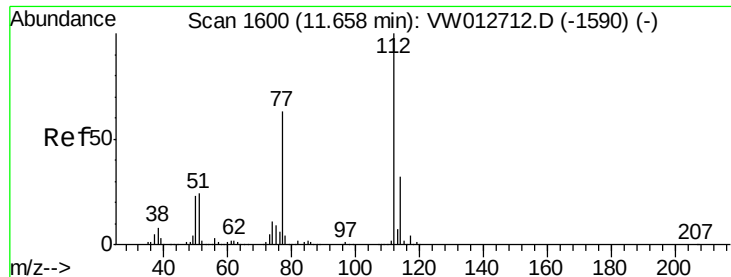
Tgt Ion:117 Resp: 340044
Ion Ratio Lower Upper
117 100
82 59.2 48.2 72.4
119 32.9 25.8 38.6



#64
Tetrachloroethene
Concen: 19.892 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion:164 Resp: 41044
Ion Ratio Lower Upper
164 100
166 122.0 103.6 155.4
129 91.2 74.6 112.0
131 91.5 70.6 106.0

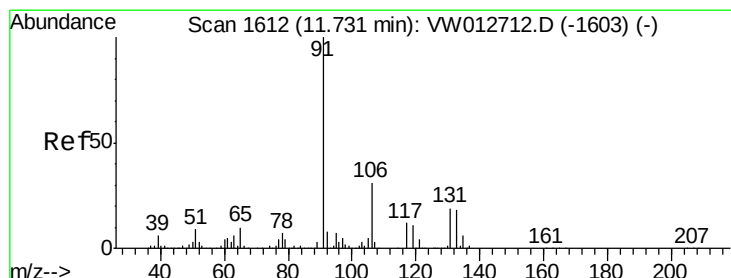
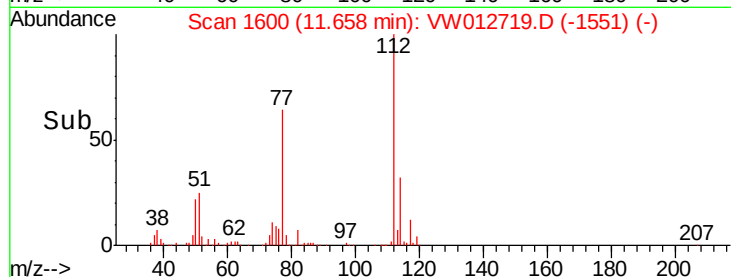
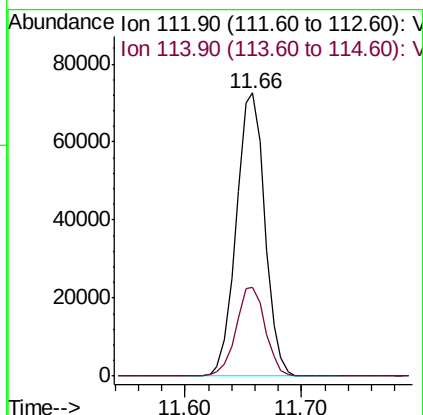
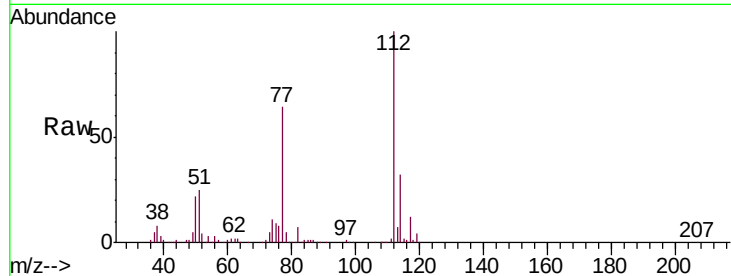




#65
Chlorobenzene
Concen: 19.323 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

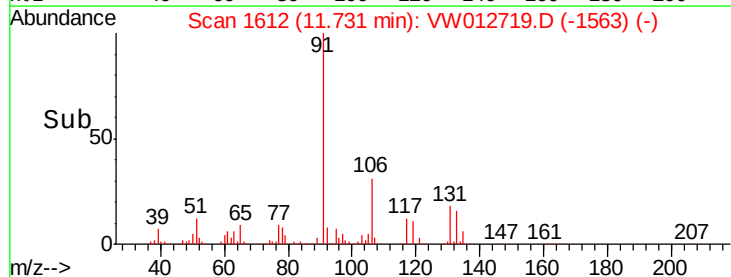
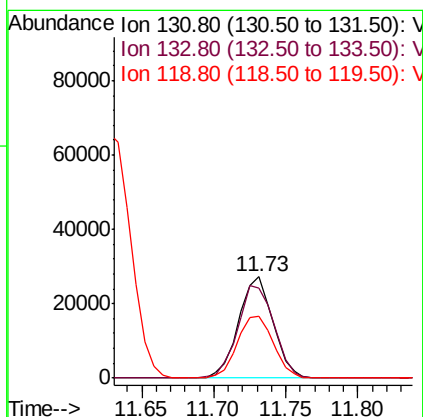
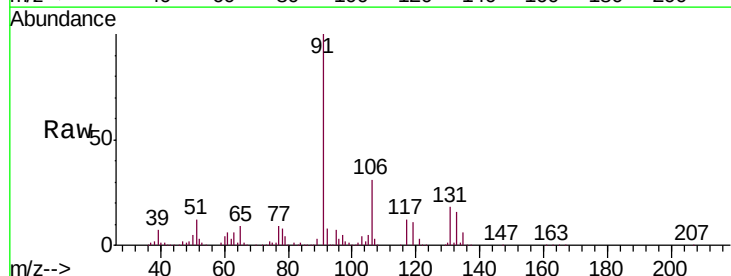
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

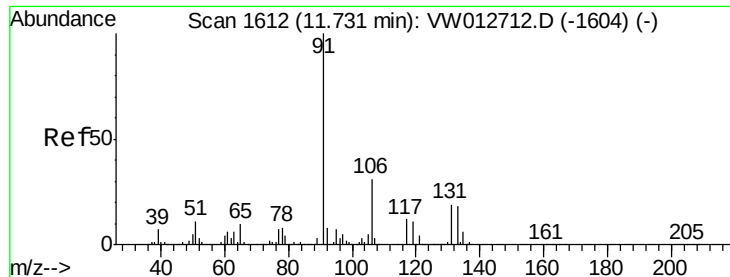
Tgt Ion:112 Resp: 124186
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.966 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion:131 Resp: 45394
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.8
119 63.9 30.6 92.0

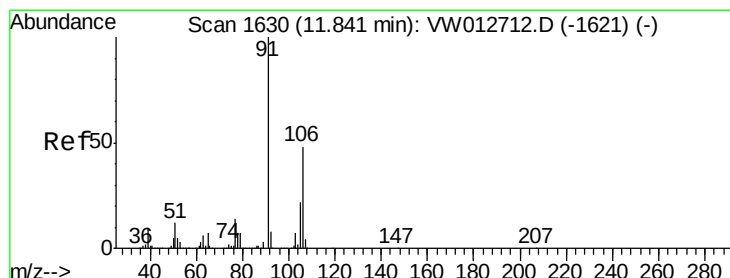
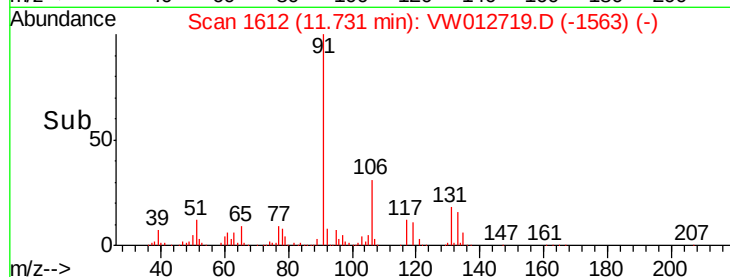
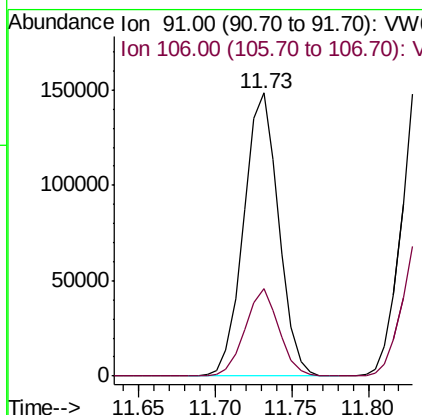
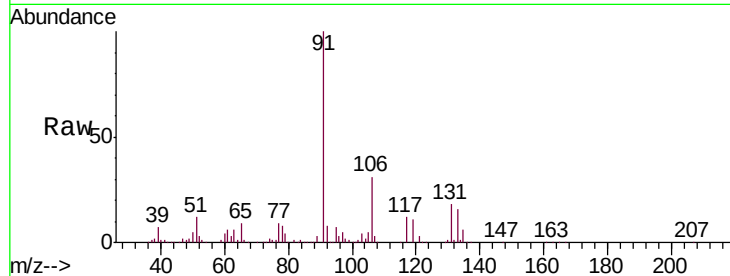




#67
Ethyl Benzene
Concen: 19.514 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

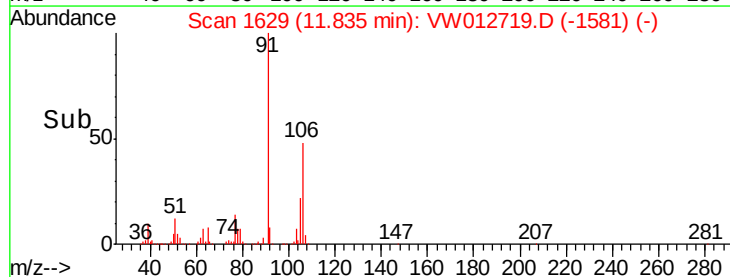
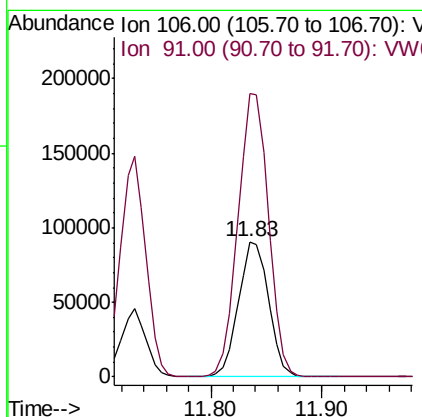
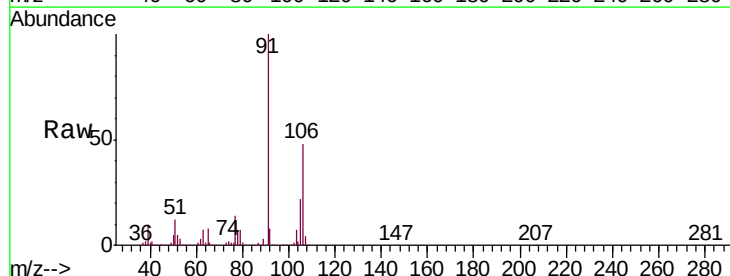
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

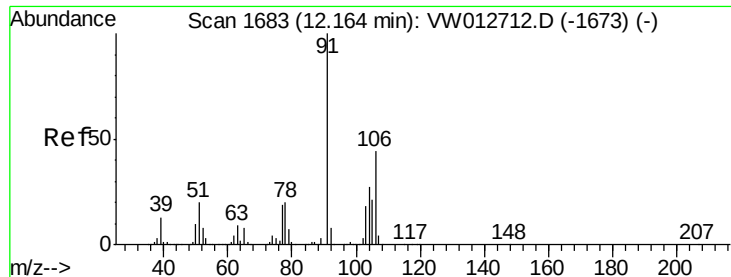
Tgt Ion: 91 Resp: 235309
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



#68
m/p-Xylenes
Concen: 39.192 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion: 106 Resp: 170587
Ion Ratio Lower Upper
106 100
91 211.4 168.2 252.4

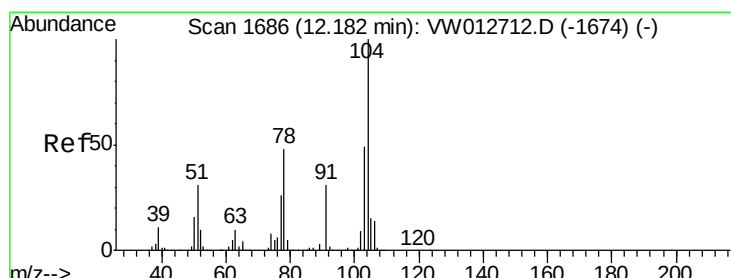
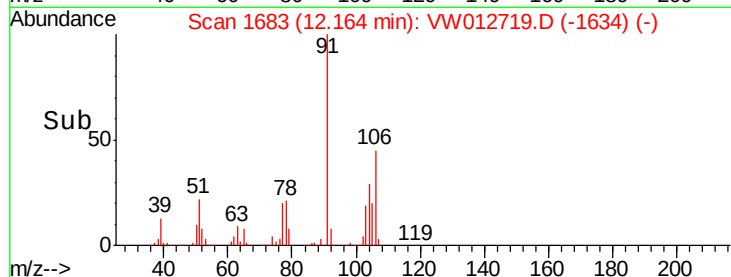
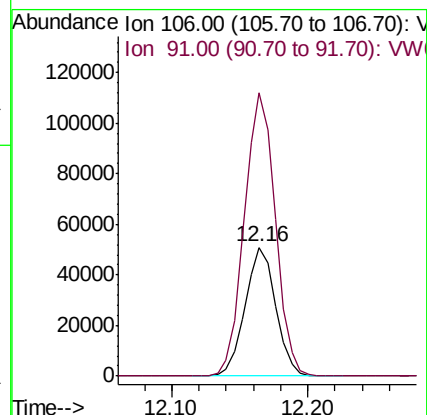
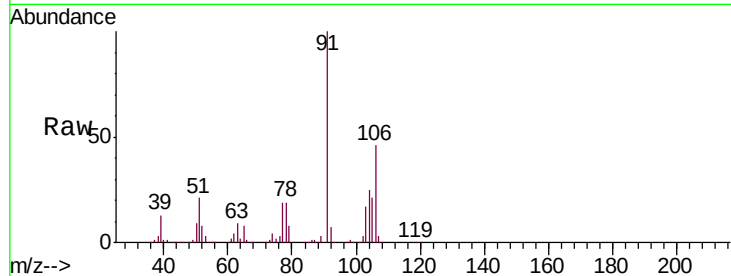




#69
o-Xylene
Concen: 19.507 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

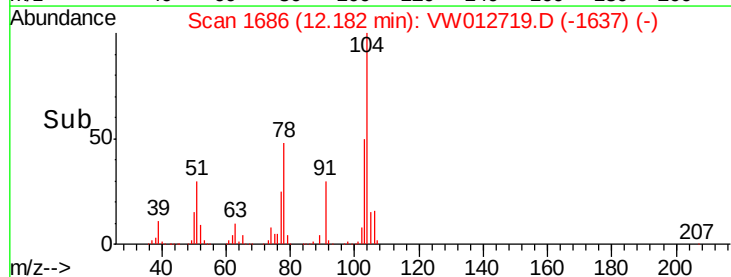
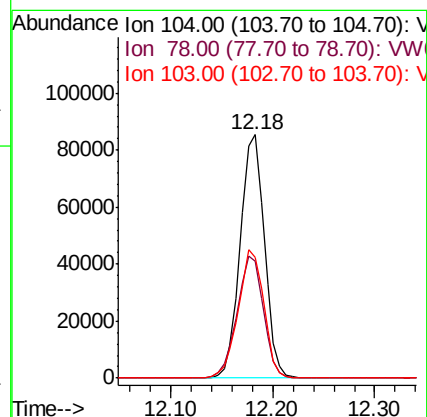
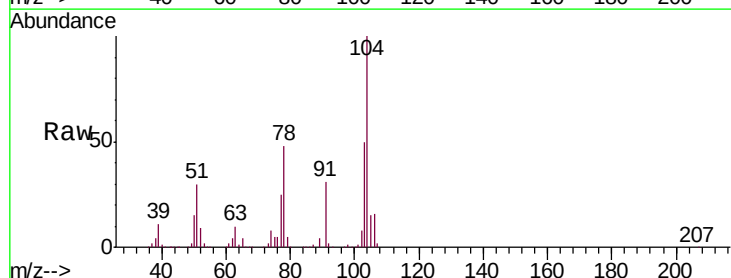
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

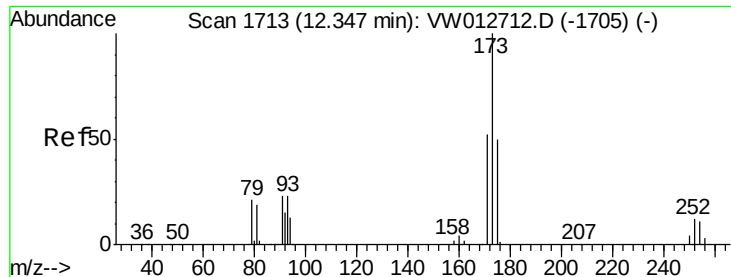
Tgt Ion:106 Resp: 80104
Ion Ratio Lower Upper
106 100
91 222.8 112.3 336.8



#70
Styrene
Concen: 19.320 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion:104 Resp: 140186
Ion Ratio Lower Upper
104 100
78 54.4 43.3 64.9
103 55.6 44.0 66.0

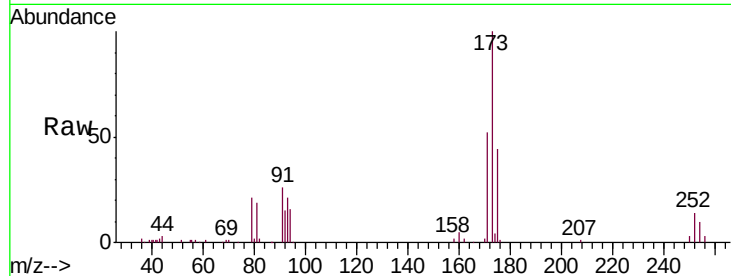




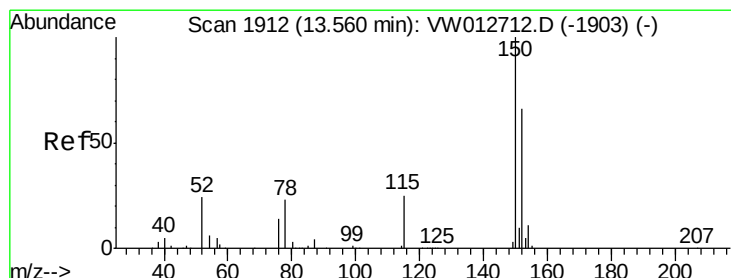
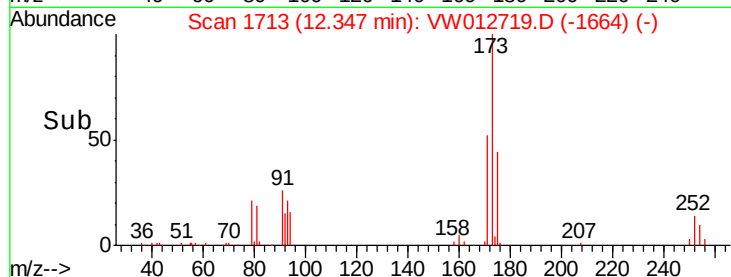
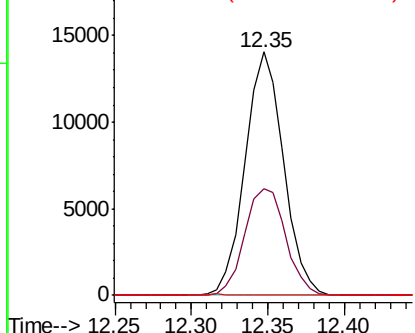
#71
Bromoform
Concen: 18.418 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tgt Ion:173 Resp: 24491
Ion Ratio Lower Upper
173 100
175 47.0 24.8 74.3
254 0.0 0.1 0.1#

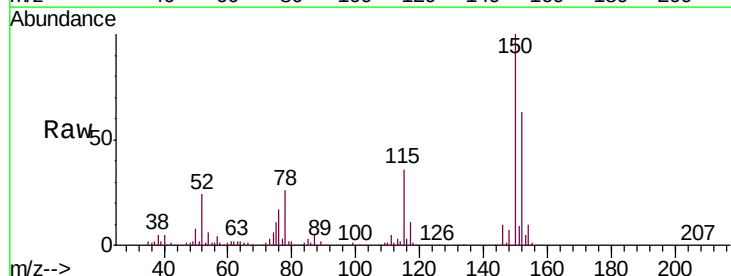


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

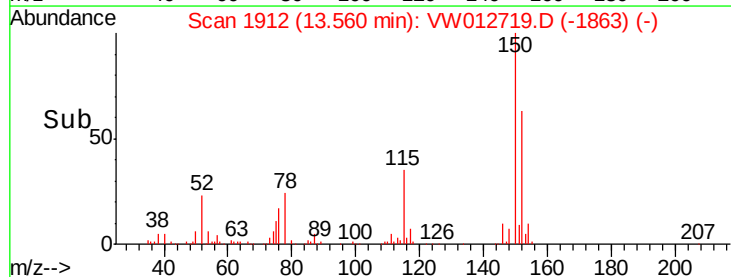
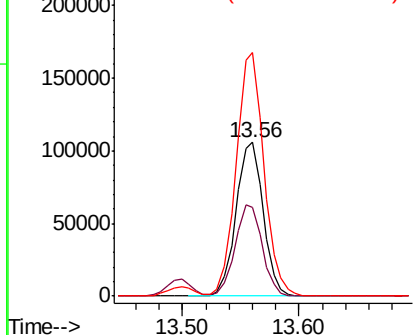


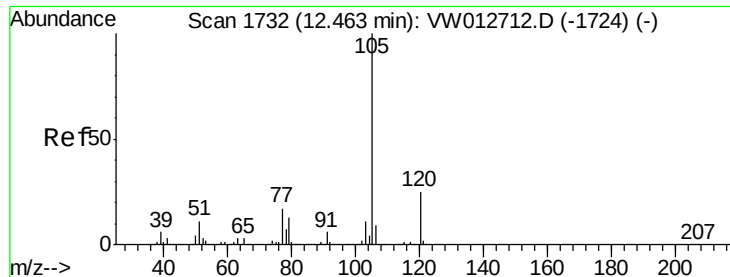
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion:152 Resp: 170918
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.1
150 162.5 0.0 349.0



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: 19.177 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

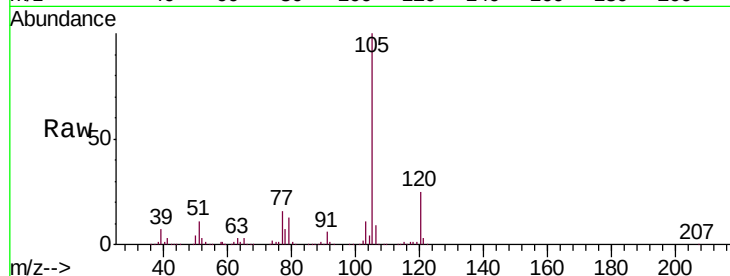
VW0907SBS01

Tgt Ion: 105 Resp: 235088

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

150000

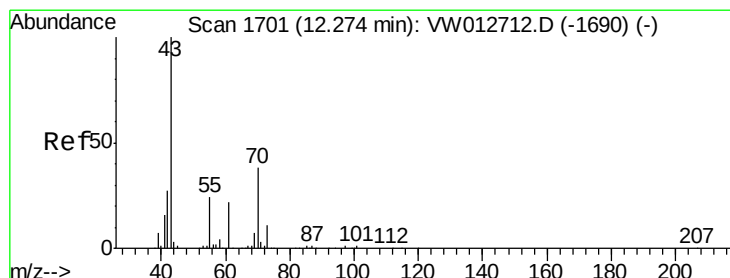
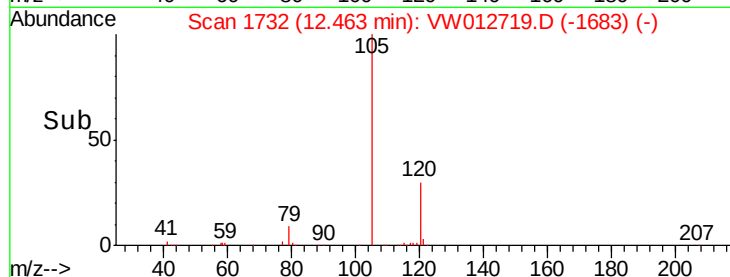
100000

50000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 18.035 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Tgt Ion: 43 Resp: 70176

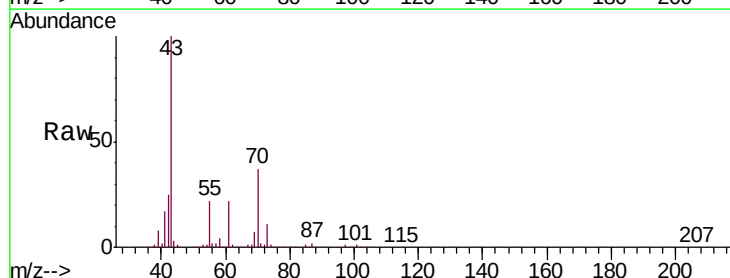
Ion Ratio Lower Upper

43 100

70 36.6 29.4 44.0

55 23.1 18.6 27.8

61 20.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

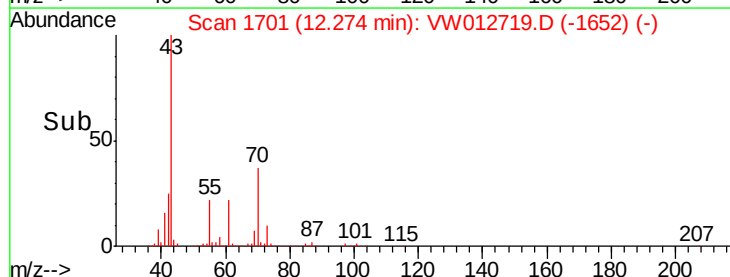
40000

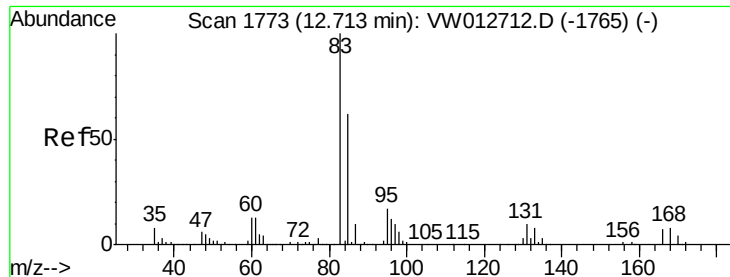
20000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 17.477 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

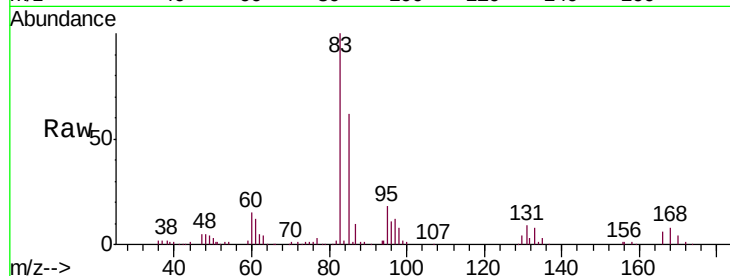
Tgt Ion: 83 Resp: 43026

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.4

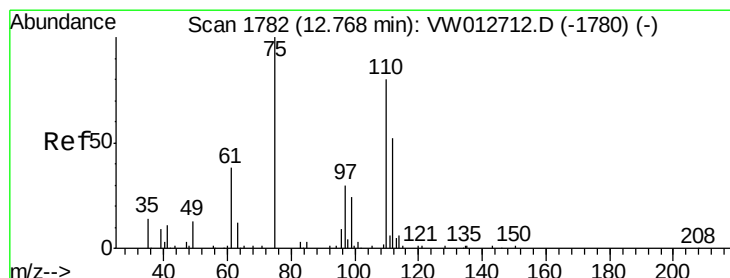
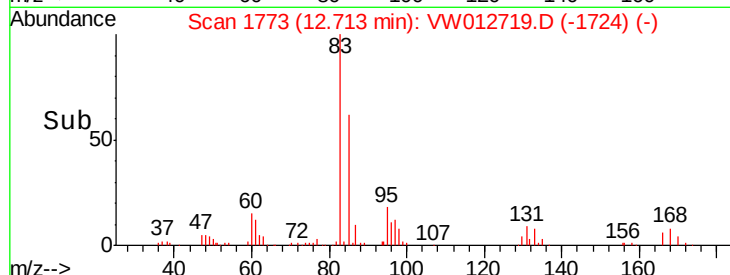
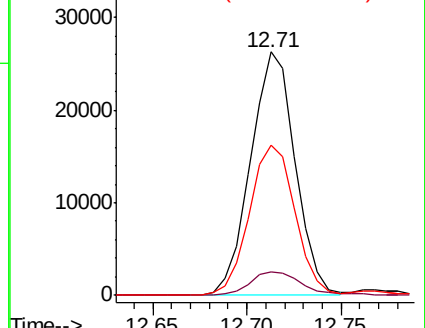
85 63.3 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.260 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012719.D

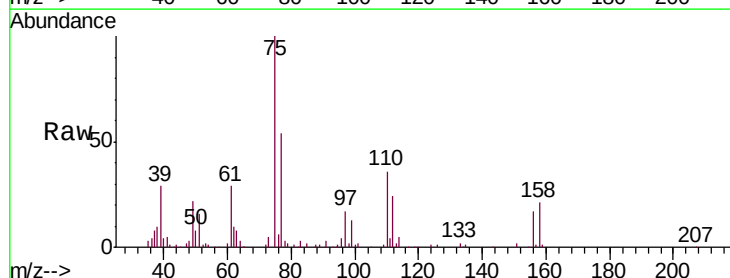
Acq: 07 Sep 2019 15:11

Tgt Ion: 75 Resp: 56381

Ion Ratio Lower Upper

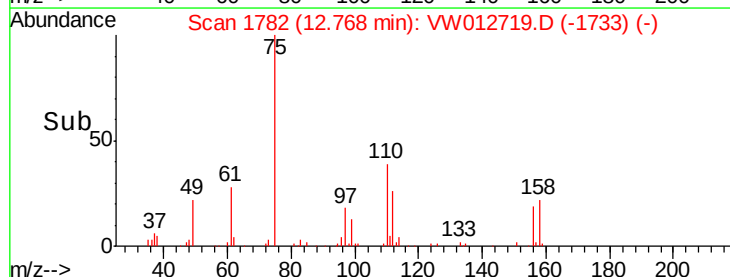
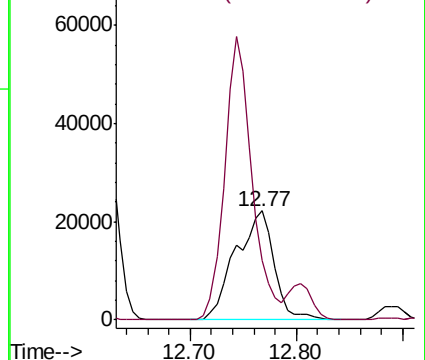
75 100

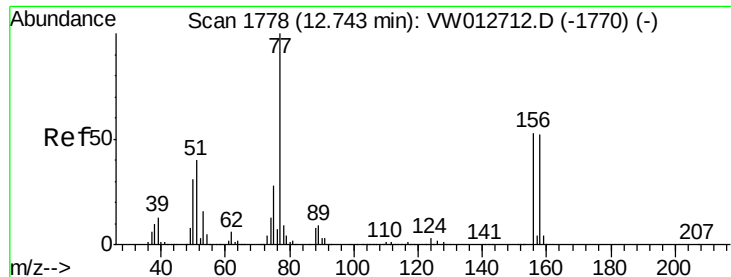
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.752 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

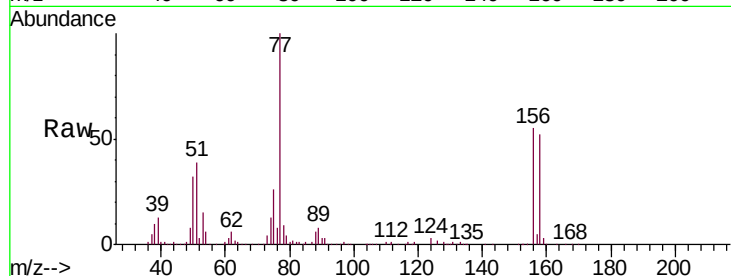
Tgt Ion:156 Resp: 52080

Ion Ratio Lower Upper

156 100

77 199.3 102.3 306.9

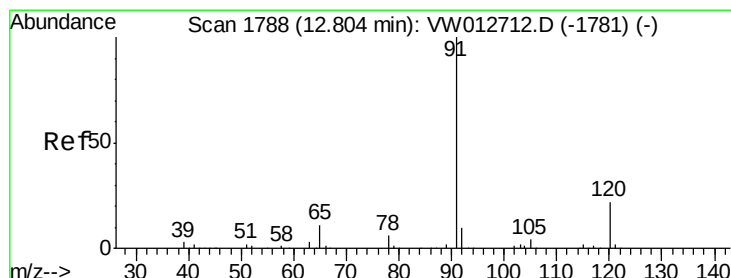
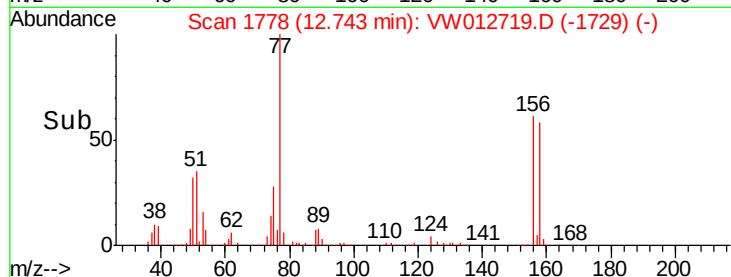
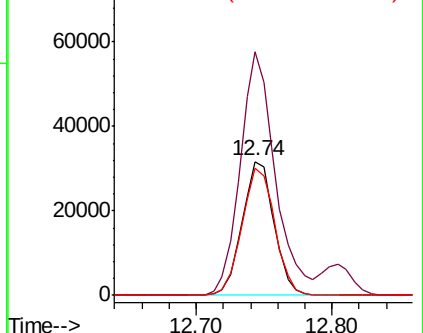
158 97.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.968 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012719.D

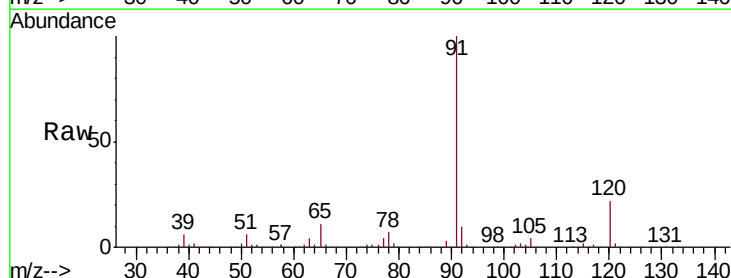
Acq: 07 Sep 2019 15:11

Tgt Ion: 91 Resp: 278097

Ion Ratio Lower Upper

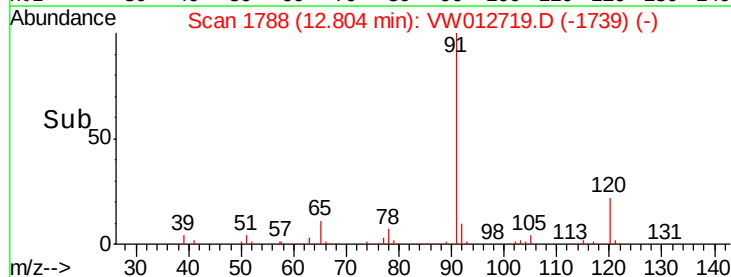
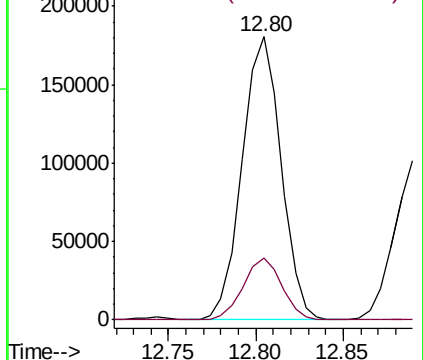
91 100

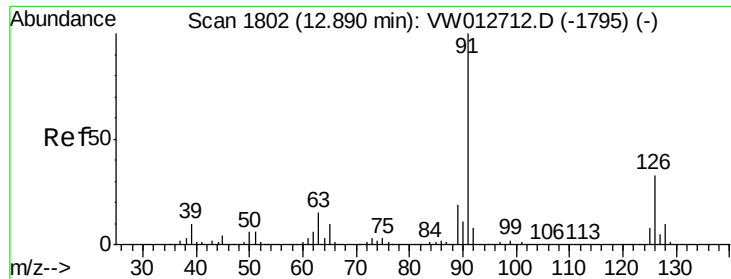
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.980 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

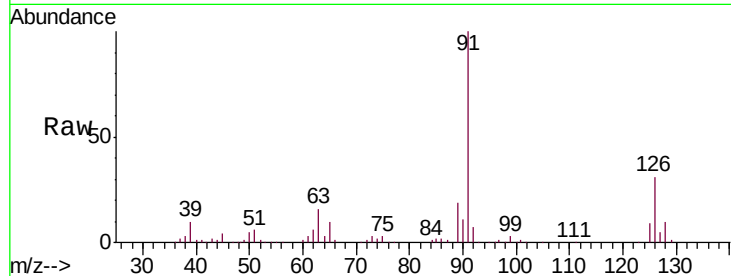
VW0907SBS01

Tgt Ion: 91 Resp: 159752

Ion Ratio Lower Upper

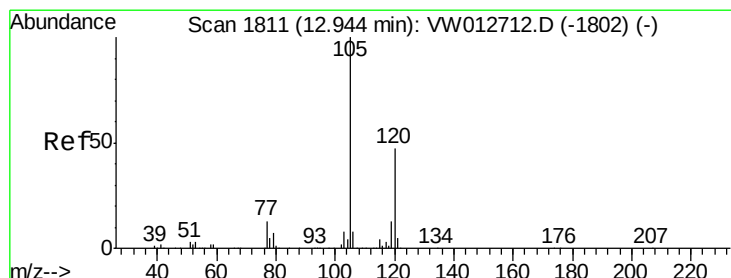
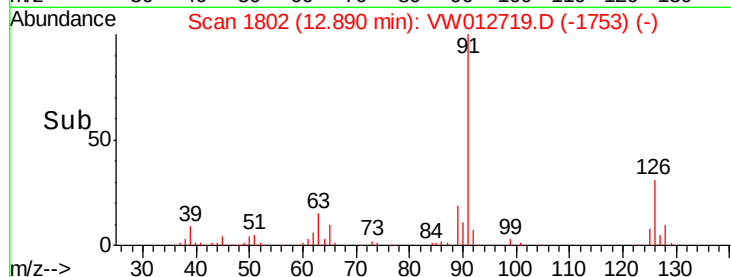
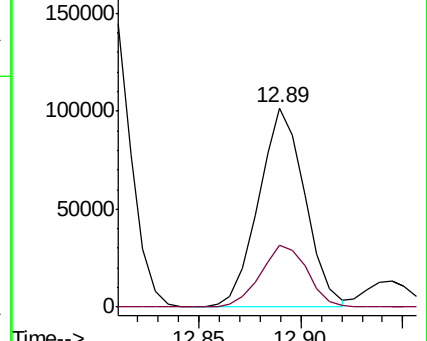
91 100

126 31.8 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.670 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012719.D

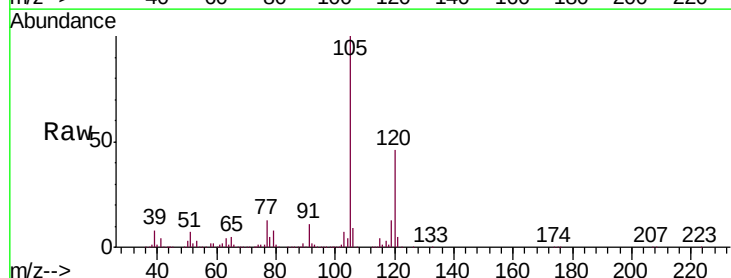
Acq: 07 Sep 2019 15:11

Tgt Ion: 105 Resp: 192855

Ion Ratio Lower Upper

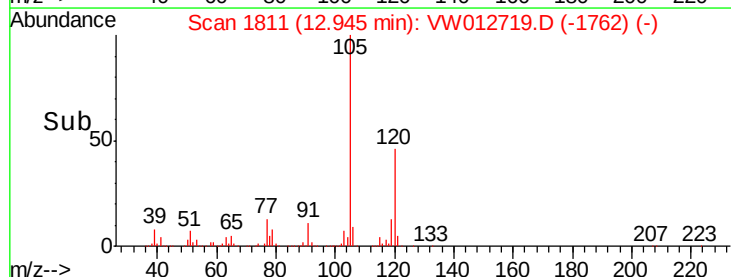
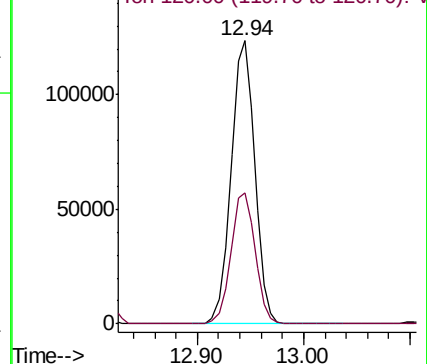
105 100

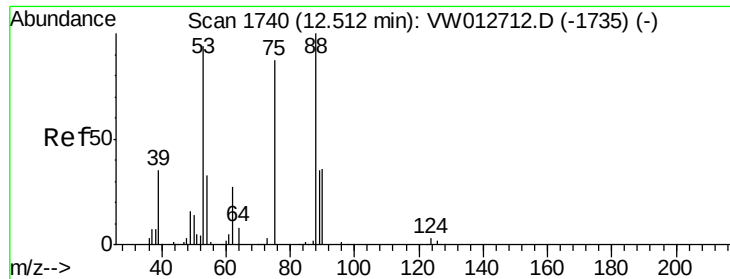
120 47.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.076 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

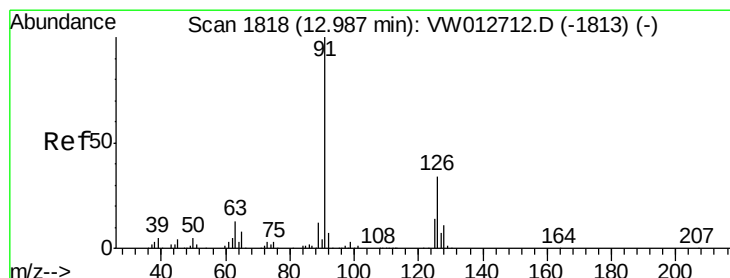
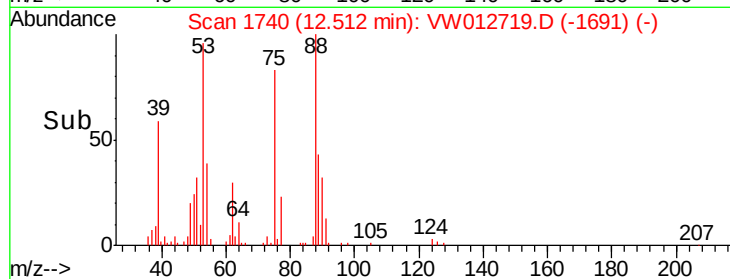
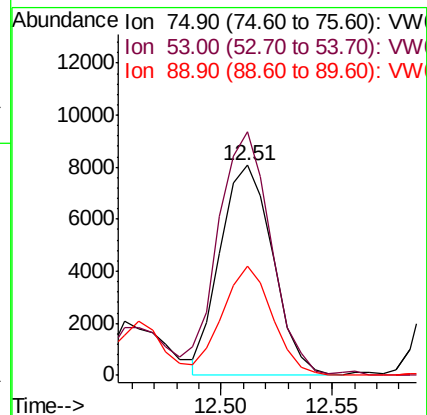
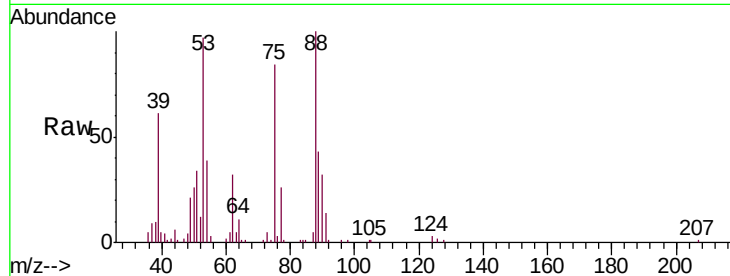
Tgt Ion: 75 Resp: 13284

Ion Ratio Lower Upper

75 100

53 117.5 87.6 131.4

89 49.2 35.5 53.3



#82

4-Chlorotoluene

Concen: 18.452 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012719.D

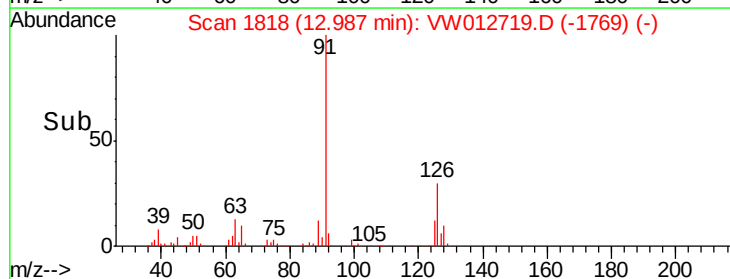
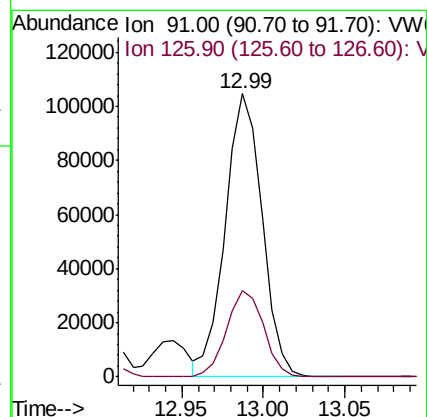
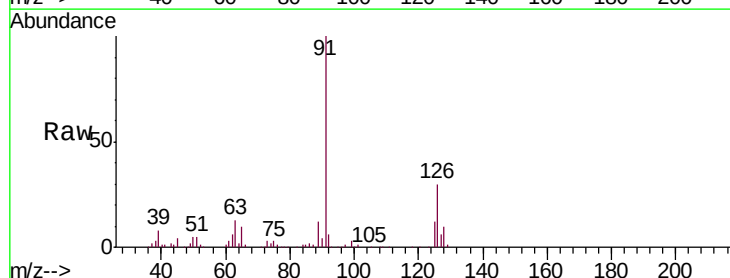
Acq: 07 Sep 2019 15:11

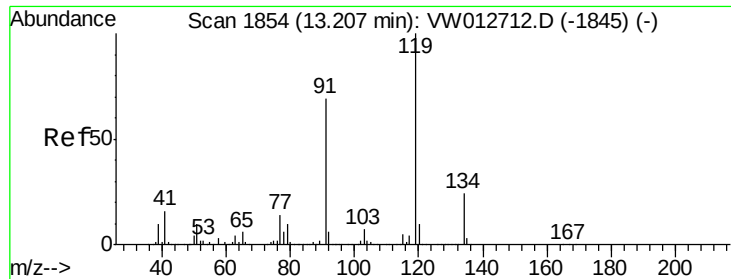
Tgt Ion: 91 Resp: 164278

Ion Ratio Lower Upper

91 100

126 30.9 15.9 47.6

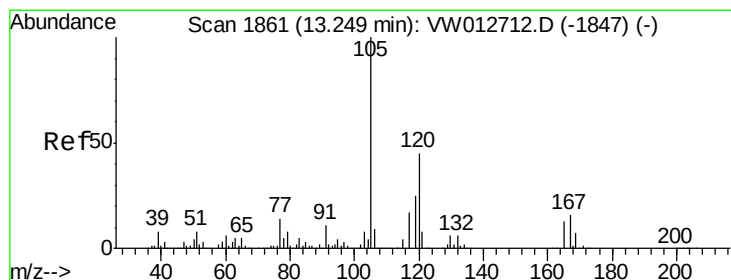
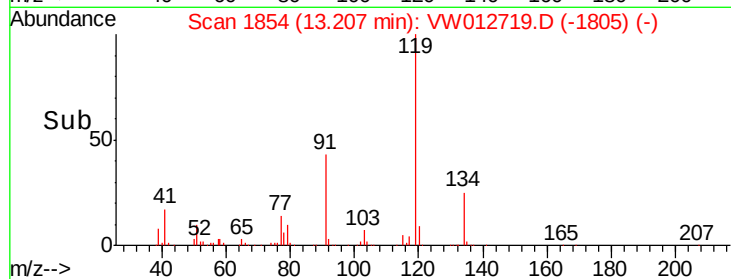
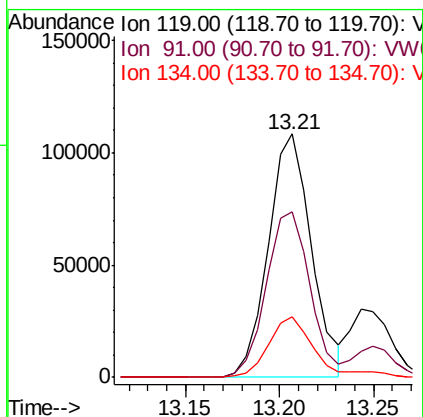
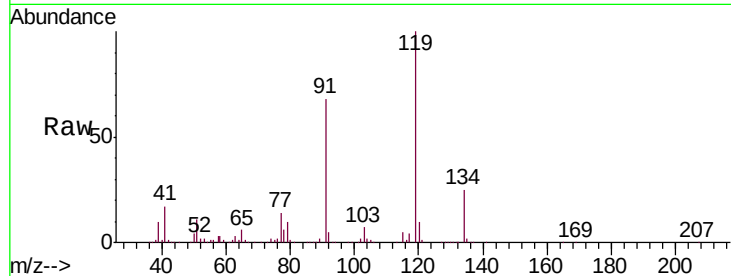




#83
 tert-Butylbenzene
 Concen: 18.890 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

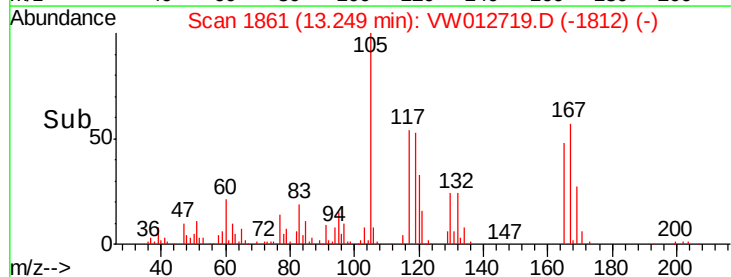
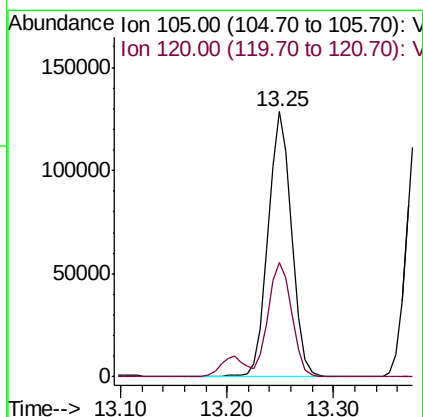
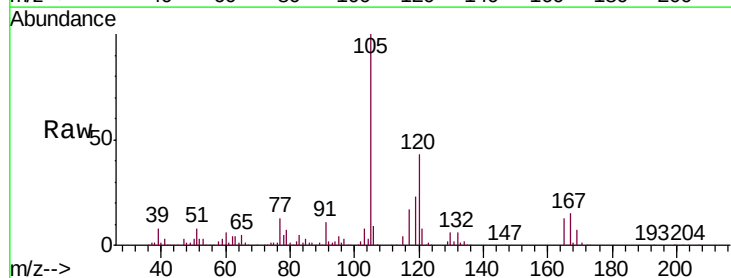
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

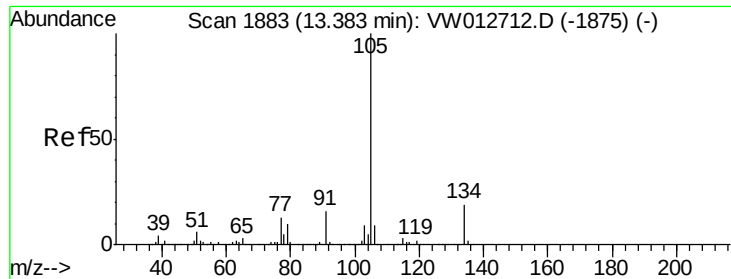
Tgt Ion:119 Resp: 172529
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.2 102.5
 134 26.9 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.137 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion:105 Resp: 199185
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.045 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

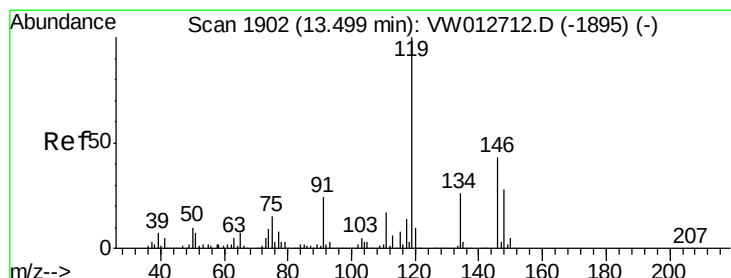
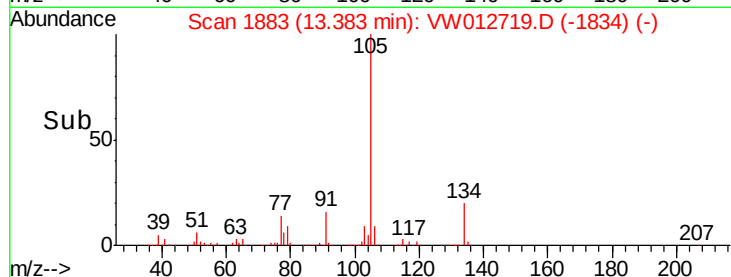
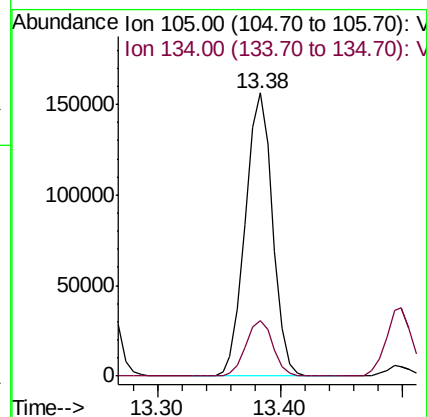
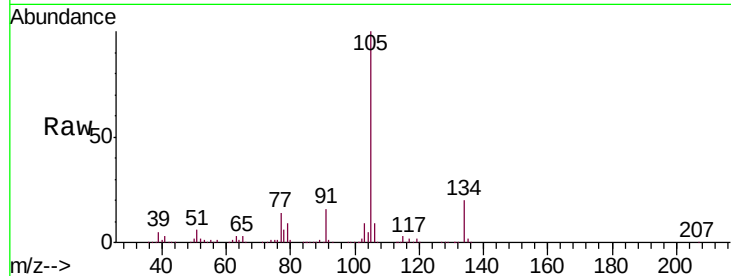
VW0907SBS01

Tgt Ion:105 Resp: 241375

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.010 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012719.D

Acq: 07 Sep 2019 15:11

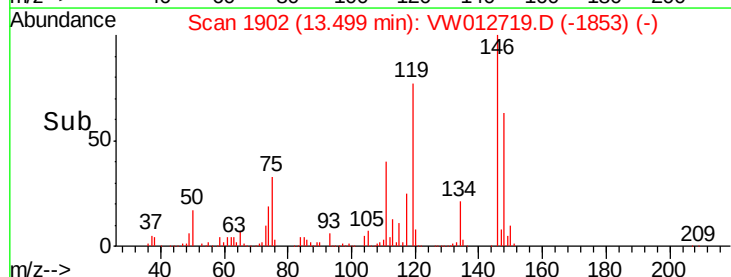
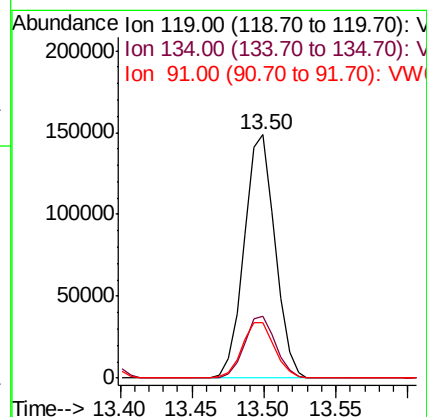
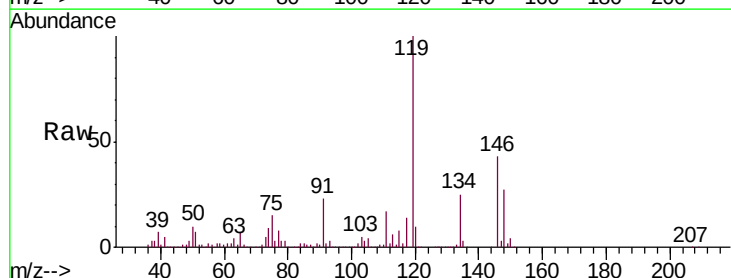
Tgt Ion:119 Resp: 220077

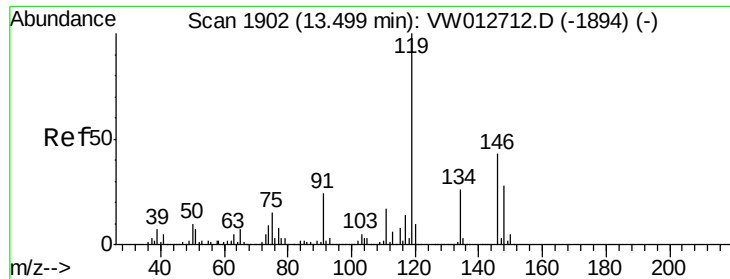
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

91 24.3 12.2 36.6

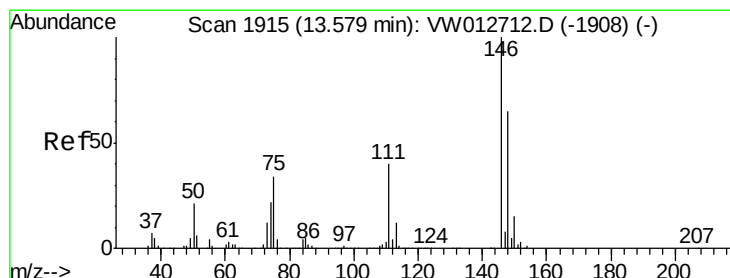
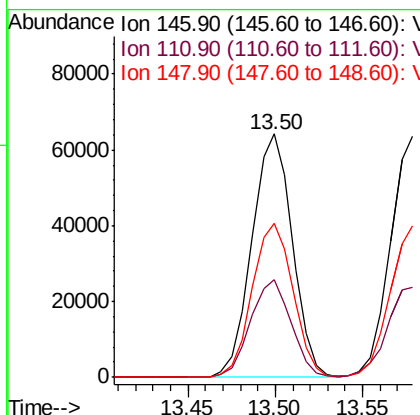
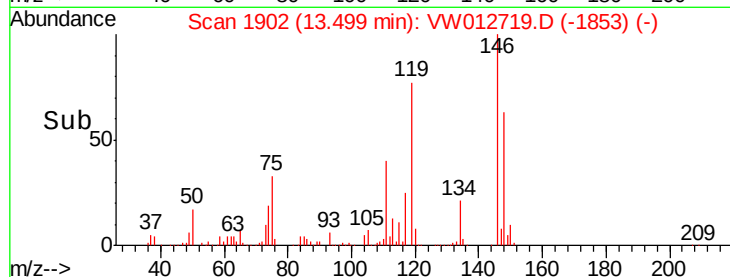
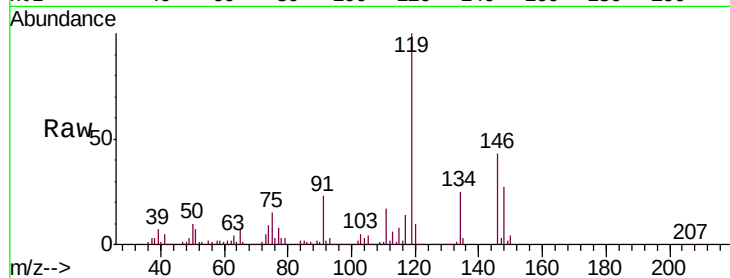




#87
 1,3-Dichlorobenzene
 Concen: 18.883 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

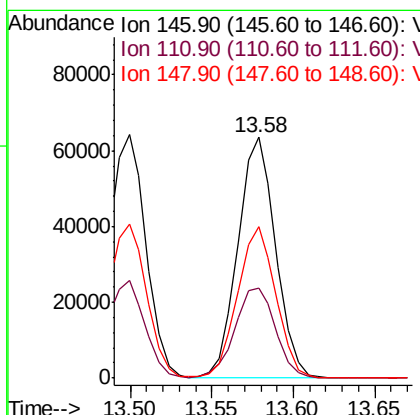
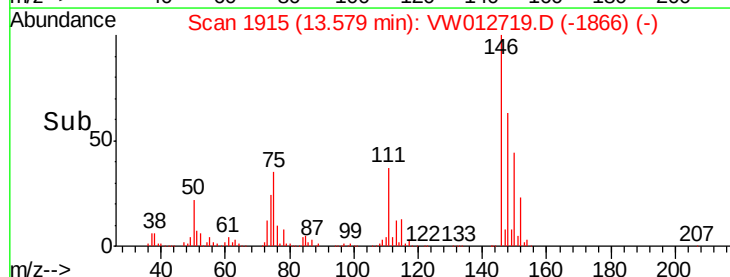
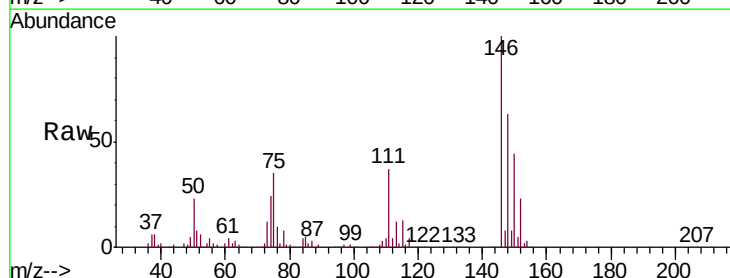
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

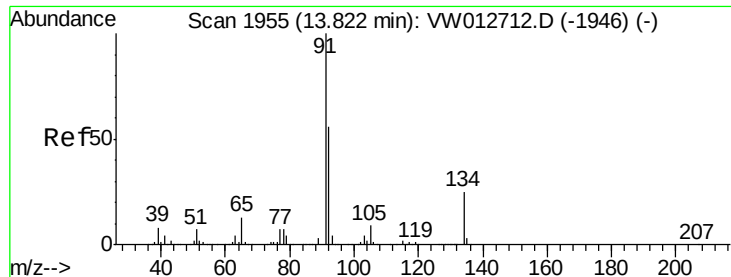
Tgt Ion:146 Resp: 103082
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.2
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.804 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion:146 Resp: 102144
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 63.7 32.2 96.6

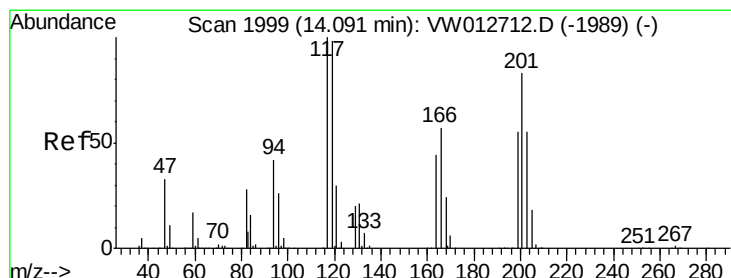
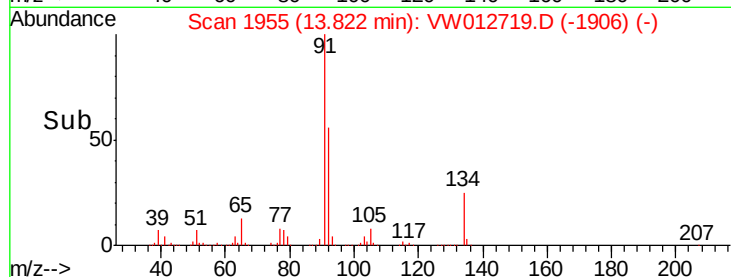
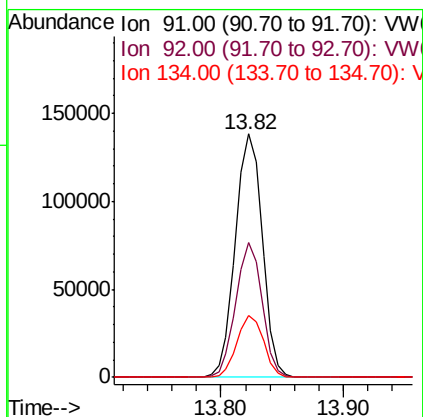
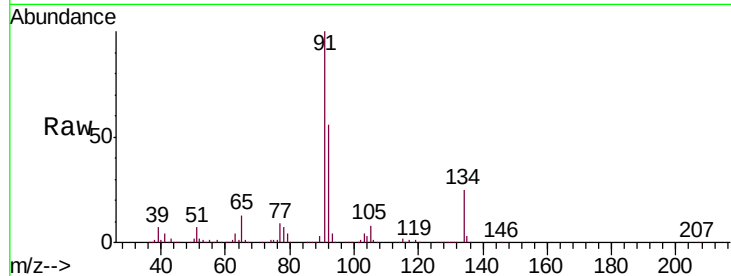




#89
n-Butylbenzene
Concen: 18.756 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

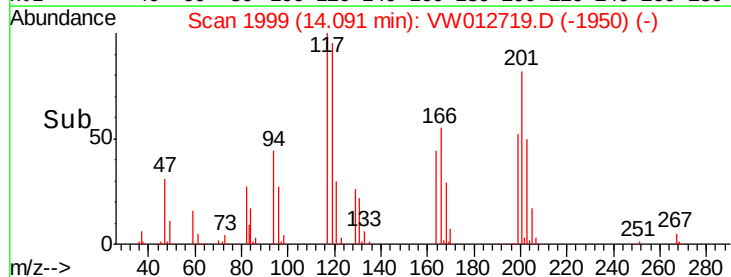
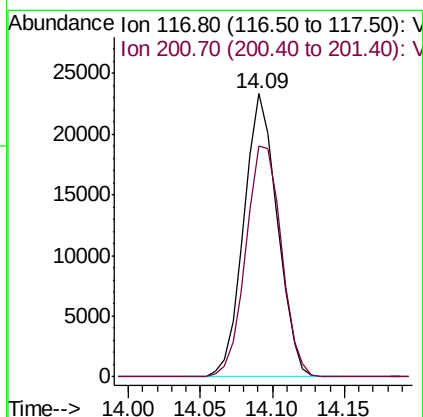
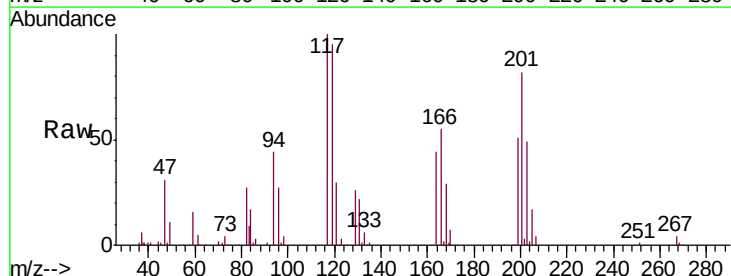
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

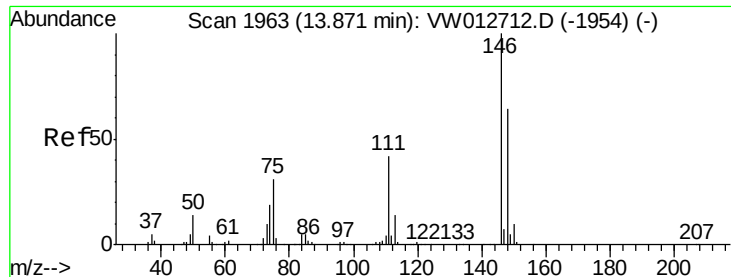
Tgt Ion: 91 Resp: 210800
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 25.1 12.7 38.1



#90
Hexachloroethane
Concen: 18.624 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion: 117 Resp: 37638
Ion Ratio Lower Upper
117 100
201 86.2 42.8 128.4

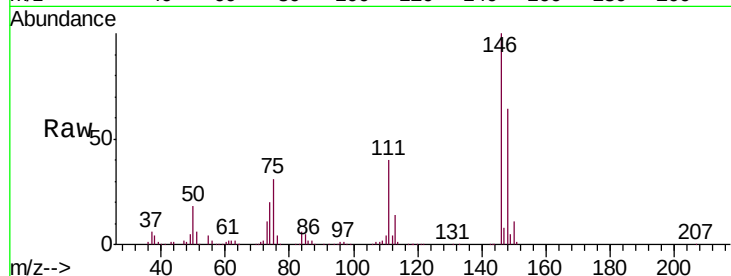




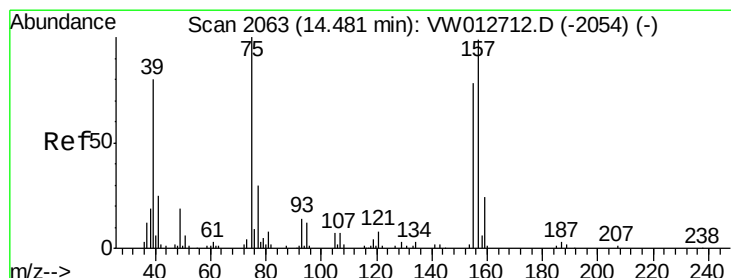
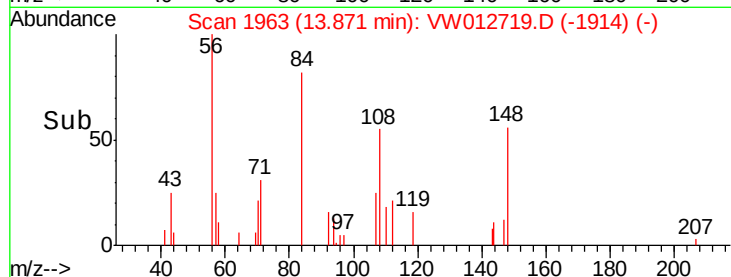
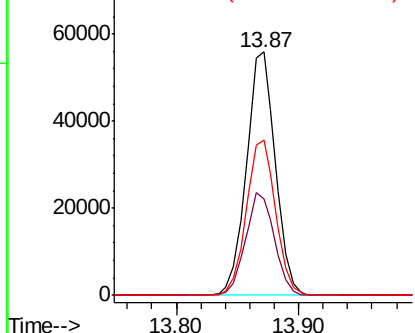
#91
 1,2-Dichlorobenzene
 Concen: 18.680 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tgt Ion: 146 Resp: 91783
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.9
 148 64.4 32.1 96.5

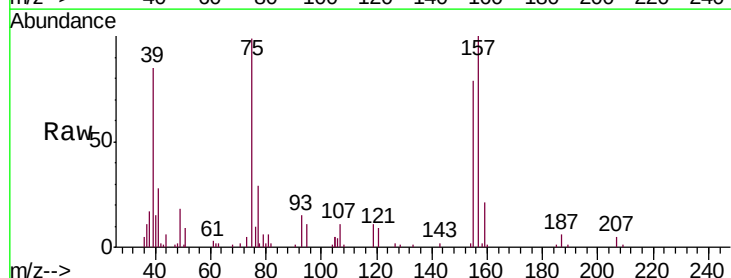


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

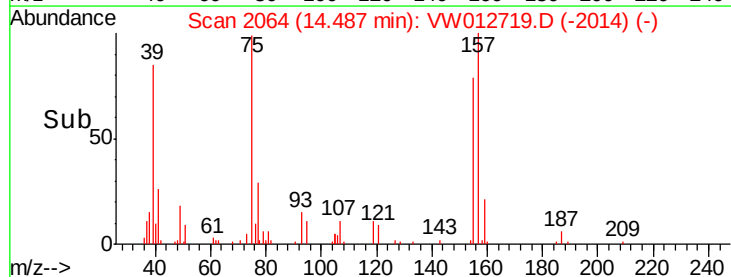
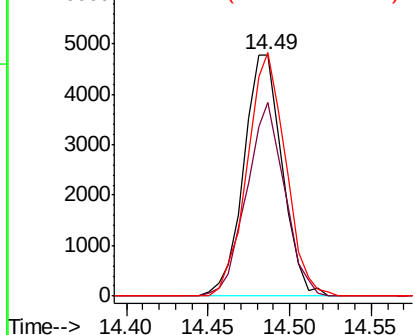


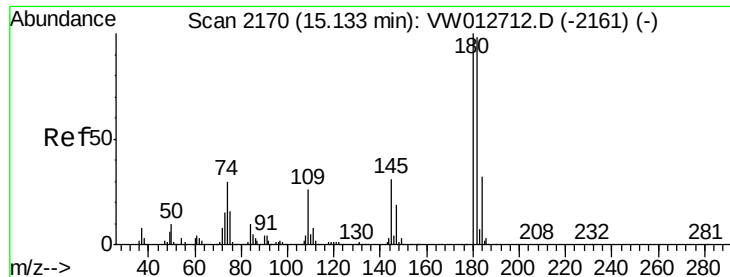
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.441 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion: 75 Resp: 7858
 Ion Ratio Lower Upper
 75 100
 155 79.2 40.6 122.0
 157 100.6 52.5 157.5



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

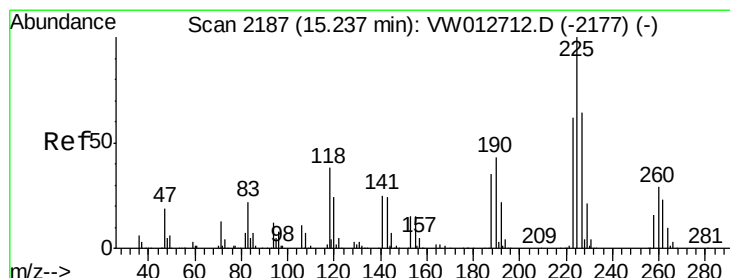
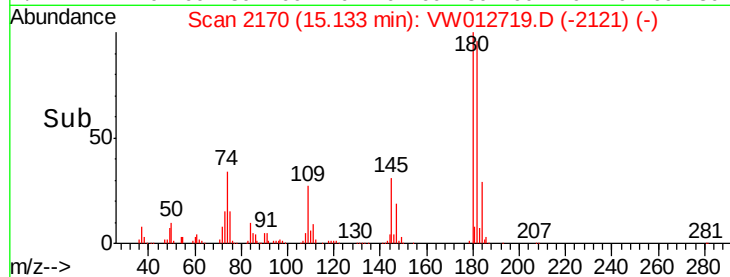
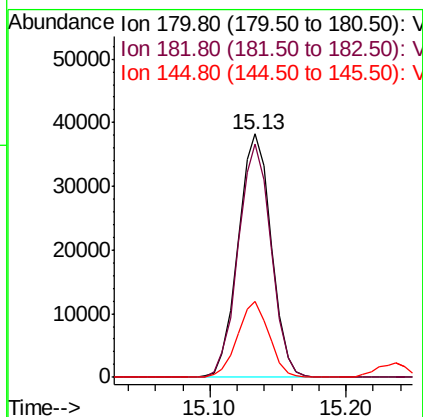
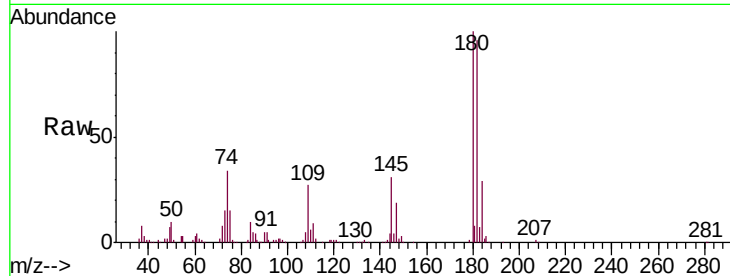




#93
 1,2,4-Trichlorobenzene
 Concen: 18.930 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

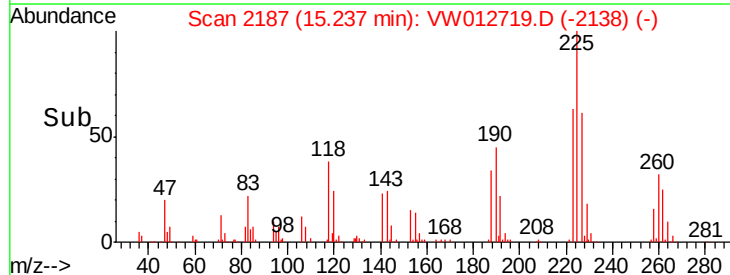
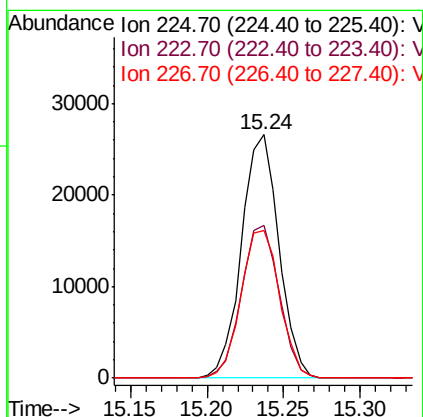
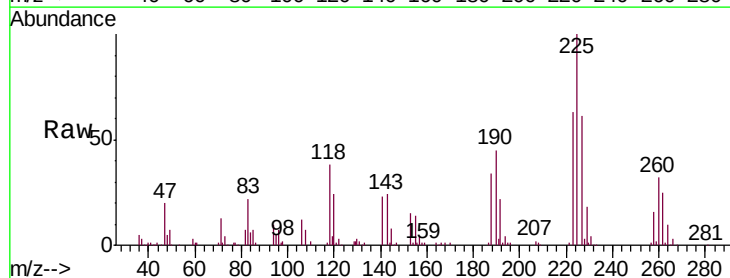
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

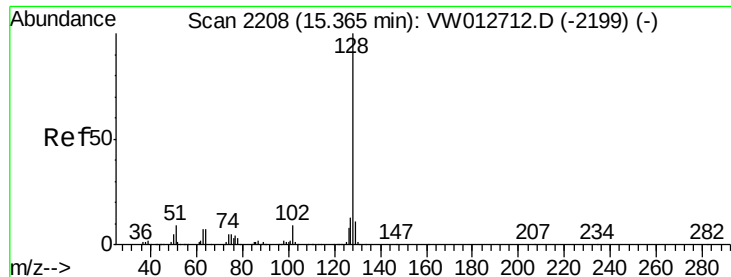
Tgt Ion:180 Resp: 64757
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.7 146.1
 145 29.9 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 19.085 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012719.D
 Acq: 07 Sep 2019 15:11

Tgt Ion:225 Resp: 45190
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.3
 227 63.0 31.4 94.2

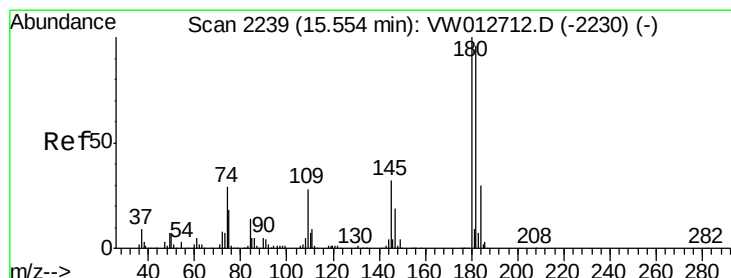
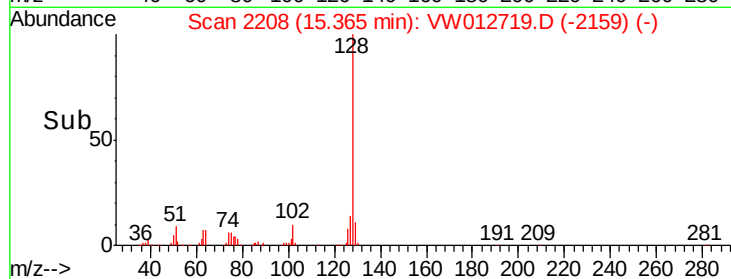
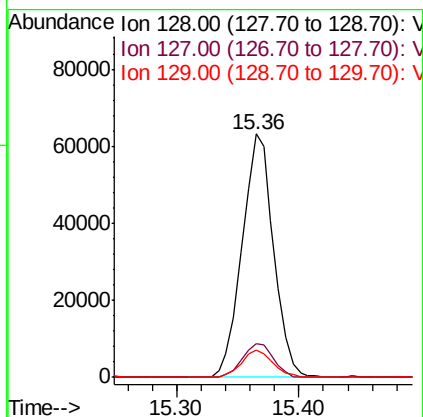
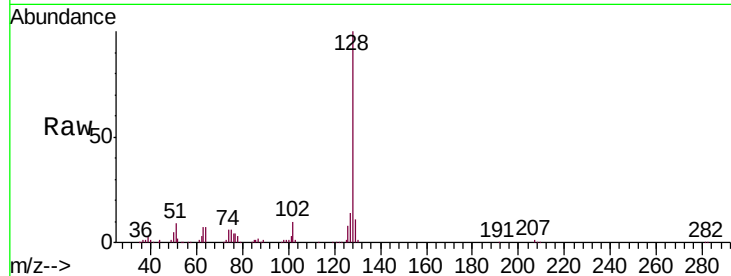




#95
Naphthalene
Concen: 18.716 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tgt Ion:128 Resp: 112353
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.313 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012719.D
Acq: 07 Sep 2019 15:11

Tgt Ion:180 Resp: 58316
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 31.3 15.4 46.2

