

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
 Data File : VW012885.D
 Acq On : 10 Sep 2019 23:18
 Operator : SY/VA
 Sample : VW0910SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

Quant Time: Sep 11 08:21:13 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	192600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	137897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	114449	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
35) Dibromofluoromethane	7.88	113	93275	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.32	98	369051	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	133420	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	21294	20.394	ug/l	95
3) Chloromethane	2.21	50	28433	22.407	ug/l	97
4) Vinyl Chloride	2.35	62	32239	20.721	ug/l	100
5) Bromomethane	2.71	94	19841	23.484	ug/l	97
6) Chloroethane	2.87	64	20284	21.847	ug/l	96
7) Trichlorofluoromethane	3.23	101	18579	17.304	ug/l	93
8) Diethyl Ether	3.67	74	19354	21.447	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.04	101	32252	19.142	ug/l	97
10) Methyl Iodide	4.25	142	45612	21.504	ug/l	97
11) Tert butyl alcohol	5.12	59	10497	63.754	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	30993	19.486	ug/l	95
13) Acrolein	3.89	56	13750	78.696	ug/l	93
14) Allyl chloride	4.65	41	59956	18.222	ug/l	98
15) Acrylonitrile	5.35	53	51135	97.019	ug/l	97
16) Acetone	4.12	43	45659	77.827	ug/l	97
17) Carbon Disulfide	4.37	76	60726	17.987	ug/l	96
18) Methyl Acetate	4.66	43	32168	23.371	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	67335	21.347	ug/l	97
20) Methylene Chloride	4.90	84	40270	21.940	ug/l	88
21) trans-1,2-Dichloroethene	5.41	96	32802	20.212	ug/l	93
22) Diisopropyl ether	6.31	45	134119	20.552	ug/l	93
23) Vinyl Acetate	6.24	43	389958	94.291	ug/l	100
24) 1,1-Dichloroethane	6.21	63	71220	20.269	ug/l	99
25) 2-Butanone	7.17	43	73574	98.148	ug/l	99
26) 2,2-Dichloropropane	7.16	77	41889	18.875	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	40871	21.719	ug/l	95
28) Bromochloromethane	7.51	49	30505	18.907	ug/l	93
29) Tetrahydrofuran	7.52	42	46549	98.254	ug/l	95
30) Chloroform	7.67	83	72878	20.928	ug/l	98
31) Cyclohexane	7.95	56	58125	18.375	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	55024	19.493	ug/l	98
36) 1,1-Dichloropropene	8.07	75	51046	19.382	ug/l	98
37) Ethyl Acetate	7.24	43	30860	18.381	ug/l	98
38) Carbon Tetrachloride	8.06	117	48031	18.501	ug/l	98

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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	9.33	83	56459	19.087	ug/l	97
40) Benzene	8.32	78	150776	20.634	ug/l	98
41) Methacrylonitrile	7.48	41	18360	18.691	ug/l #	94
42) 1,2-Dichloroethane	8.40	62	52454	20.397	ug/l	99
43) Isopropyl Acetate	8.42	43	58771	18.477	ug/l	95
44) Trichloroethene	9.09	130	39639	21.045	ug/l	97
45) 1,2-Dichloropropane	9.37	63	40517	19.992	ug/l	96
46) Dibromomethane	9.45	93	20067	20.910	ug/l	96
47) Bromodichloromethane	9.64	83	52546	19.901	ug/l	98
48) Methyl methacrylate	9.43	41	27940	18.381	ug/l	97
49) 1,4-Dioxane	9.44	88	7871	415.205	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	159394	95.500	ug/l	98
52) Toluene	10.38	92	95800	21.006	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51384	18.926	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	60552	19.660	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30171	20.999	ug/l	97
56) Ethyl methacrylate	10.65	69	42385	20.153	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54427	20.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	112530	100.785	ug/l	96
59) 2-Hexanone	10.97	43	108538	89.011	ug/l	98
60) Dibromochloromethane	11.13	129	34046	20.148	ug/l	98
61) 1,2-Dibromoethane	11.23	107	28251	21.447	ug/l	96
64) Tetrachloroethene	10.86	164	34272	20.905	ug/l	97
65) Chlorobenzene	11.66	112	101988	19.972	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	39129	20.576	ug/l	99
67) Ethyl Benzene	11.73	91	187469	19.566	ug/l	98
68) m/p-Xylenes	11.83	106	137477	39.752	ug/l	99
69) o-Xylene	12.16	106	64442	19.751	ug/l	99
70) Styrene	12.18	104	115268	19.993	ug/l	99
71) Bromoform	12.35	173	20446	19.351	ug/l #	100
73) Isopropylbenzene	12.46	105	185029	18.708	ug/l	99
74) N-amyl acetate	12.27	43	52580	16.749	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	37315	18.786	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	47322	33.560	ug/l #	100
77) Bromobenzene	12.74	156	45042	20.101	ug/l	91
78) n-propylbenzene	12.80	91	217083	18.352	ug/l	99
79) 2-Chlorotoluene	12.89	91	127109	18.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	158130	18.974	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	10601	15.901	ug/l	96
82) 4-Chlorotoluene	12.99	91	135299	18.836	ug/l	99
83) tert-Butylbenzene	13.21	119	138267	18.763	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	160989	19.171	ug/l	99
85) sec-Butylbenzene	13.38	105	189745	18.556	ug/l	99
86) p-Isopropyltoluene	13.50	119	174901	18.726	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	87566	19.882	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	86959	19.842	ug/l	99
89) n-Butylbenzene	13.82	91	160842	17.738	ug/l	99
90) Hexachloroethane	14.09	117	29432	18.050	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	78862	19.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6227	17.131	ug/l	94

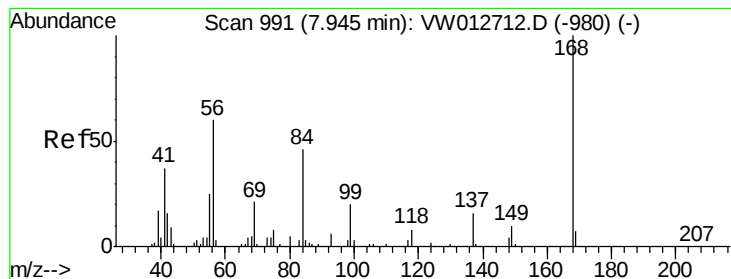
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55724	20.190	ug/l	98
94) Hexachlorobutadiene	15.23	225	36454	19.082	ug/l	96
95) Naphthalene	15.36	128	98309	19.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	49180	20.187	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

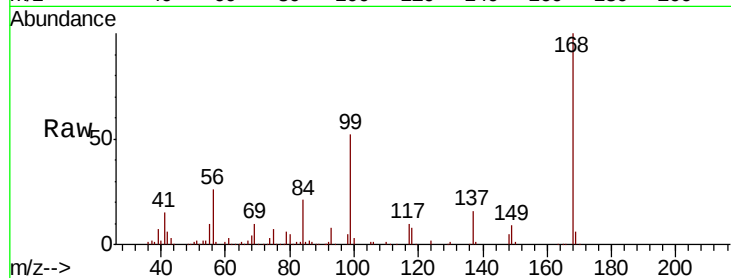
VW0910SBS02

Tgt Ion:168 Resp: 192600

Ion Ratio Lower Upper

168 100

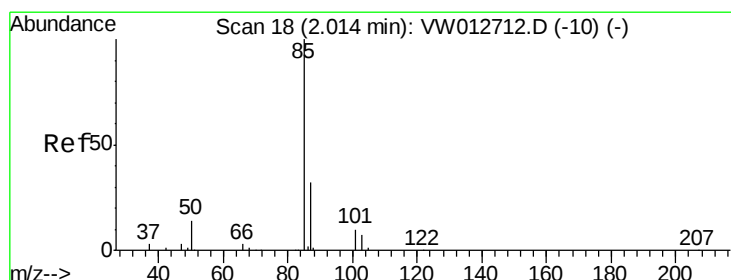
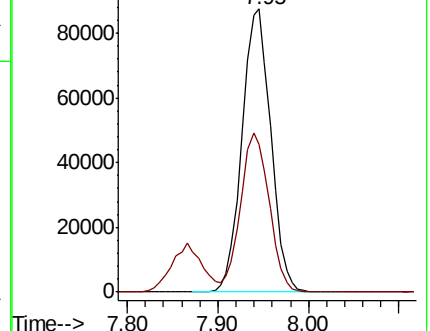
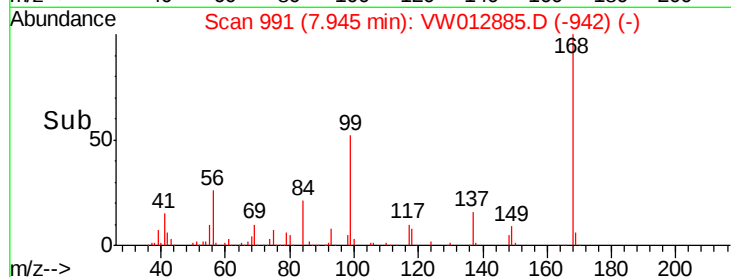
99 52.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#2

Dichlorodifluoromethane

Concen: 20.394 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012885.D

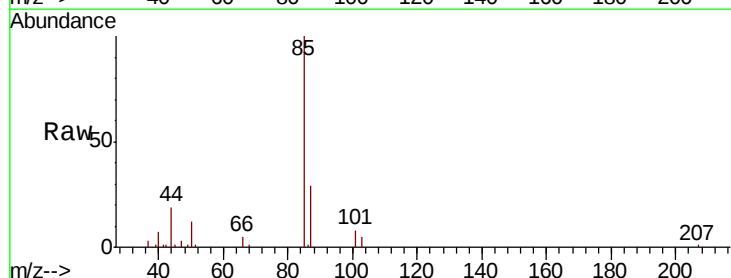
Acq: 10 Sep 2019 23:18

Tgt Ion: 85 Resp: 21294

Ion Ratio Lower Upper

85 100

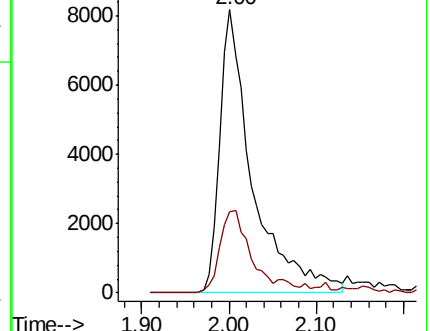
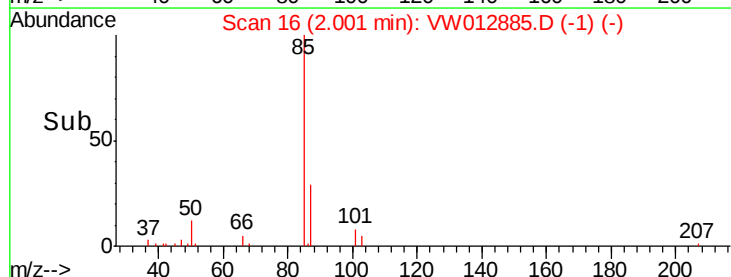
87 28.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00





#3

Chloromethane

Concen: 22.407 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

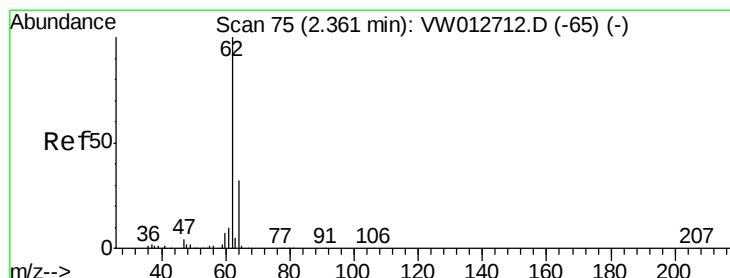
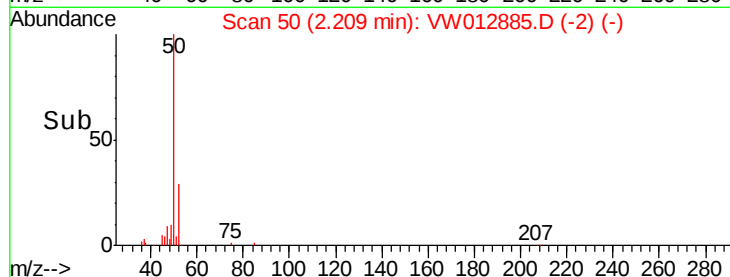
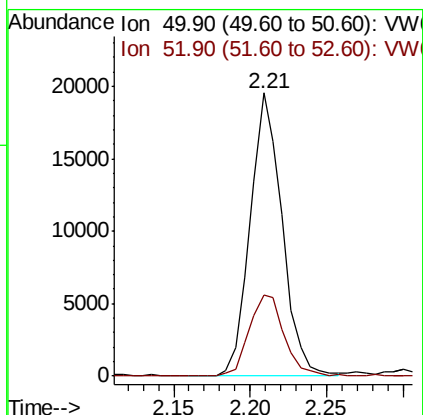
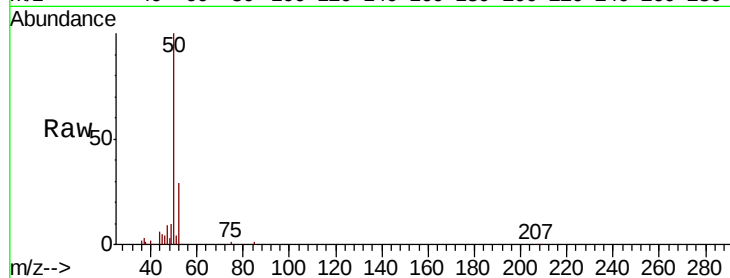
VW0910SBS02

Tgt Ion: 50 Resp: 28433

Ion Ratio Lower Upper

50 100

52 28.7 24.2 36.2



#4

Vinyl Chloride

Concen: 20.721 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012885.D

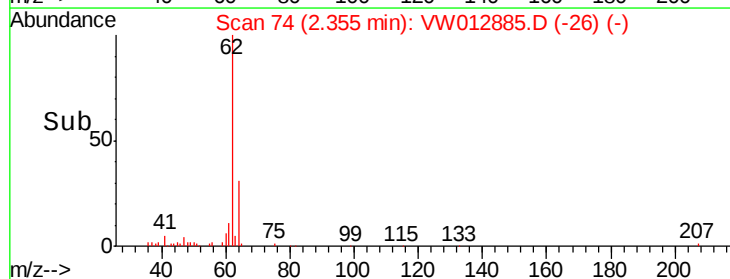
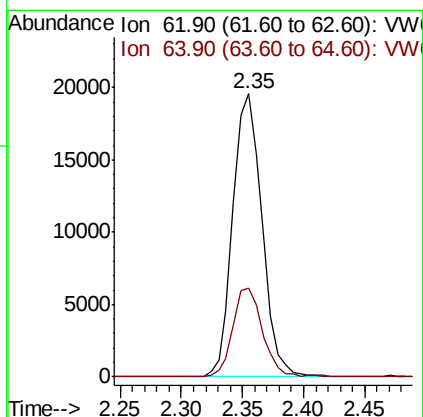
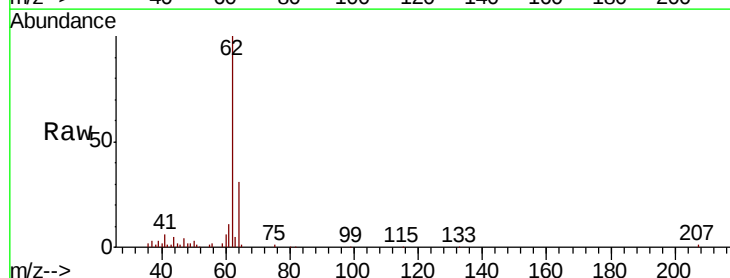
Acq: 10 Sep 2019 23:18

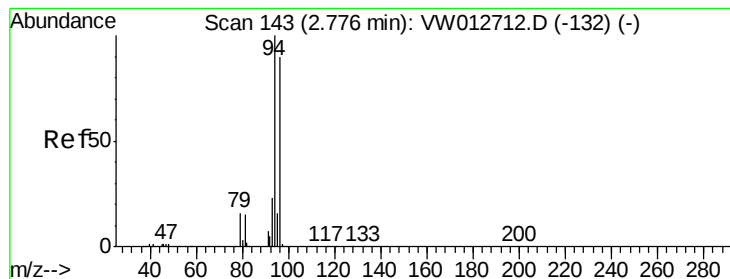
Tgt Ion: 62 Resp: 32239

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 23.484 ug/l

RT: 2.71 min Scan# 133

Delta R.T. -0.06 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

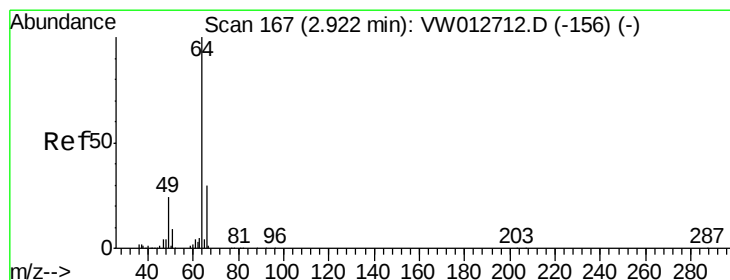
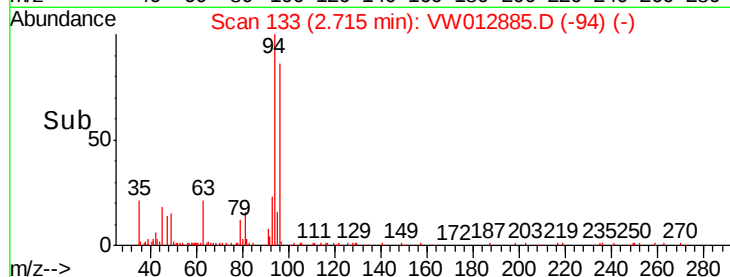
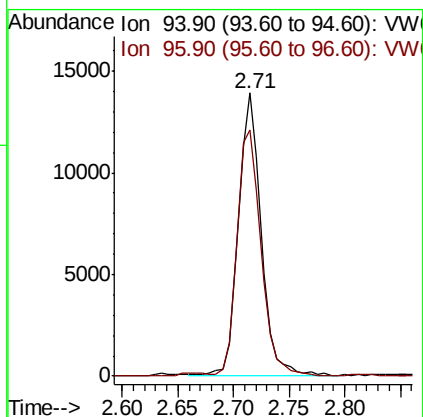
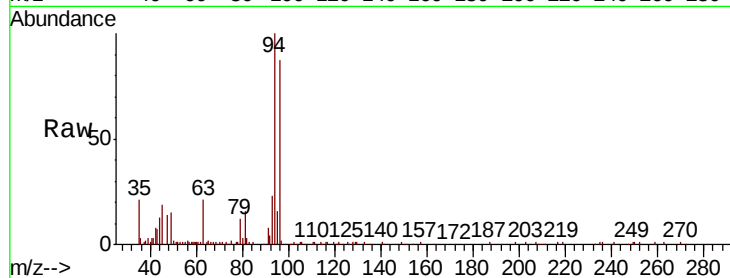
VW0910SBS02

Tgt Ion: 94 Resp: 19841

Ion Ratio Lower Upper

94 100

96 86.9 72.1 108.1



#6

Chloroethane

Concen: 21.847 ug/l

RT: 2.87 min Scan# 158

Delta R.T. -0.05 min

Lab File: VW012885.D

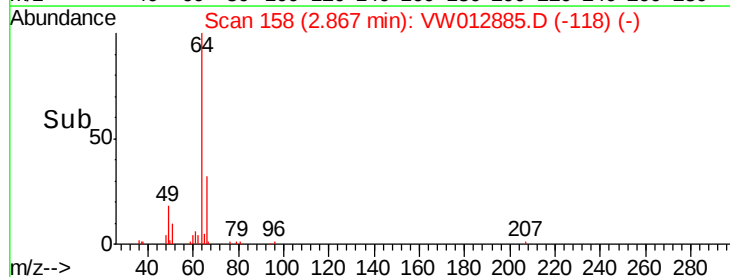
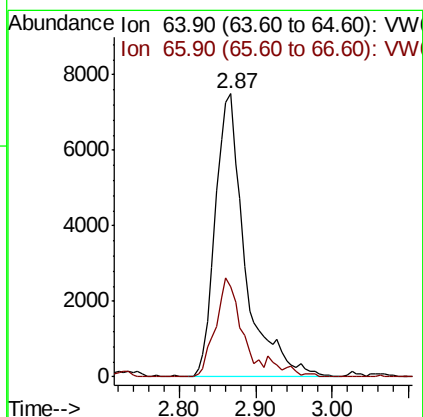
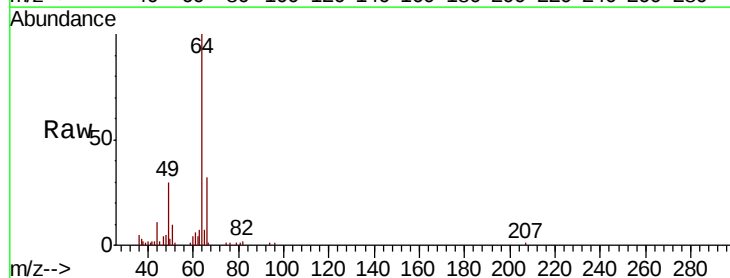
Acq: 10 Sep 2019 23:18

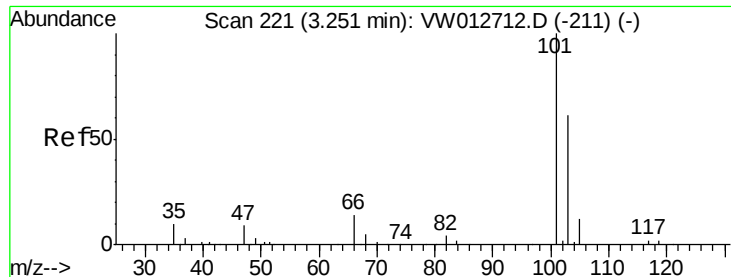
Tgt Ion: 64 Resp: 20284

Ion Ratio Lower Upper

64 100

66 31.7 23.8 35.6



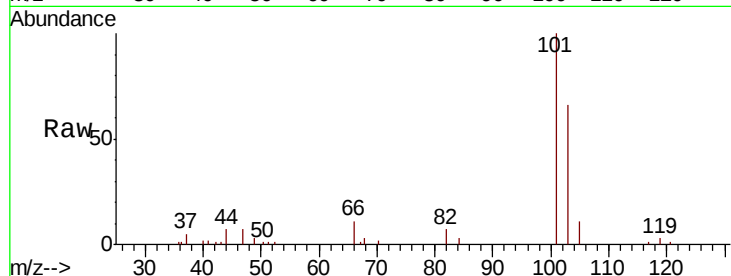


#7

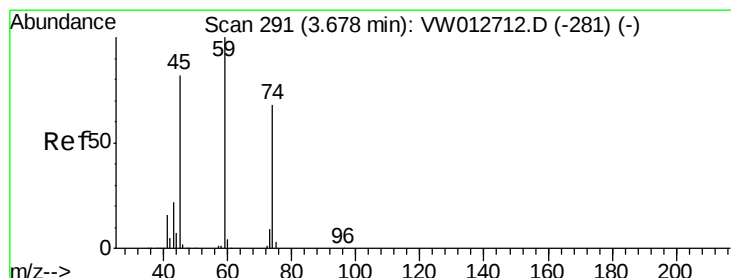
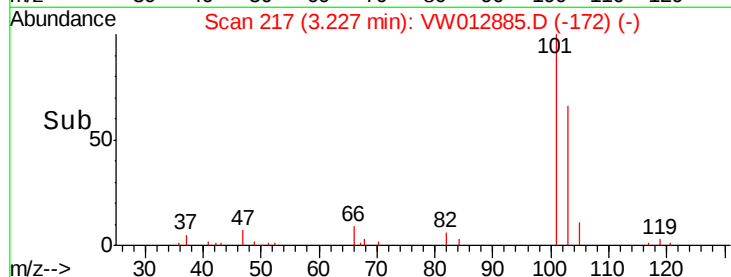
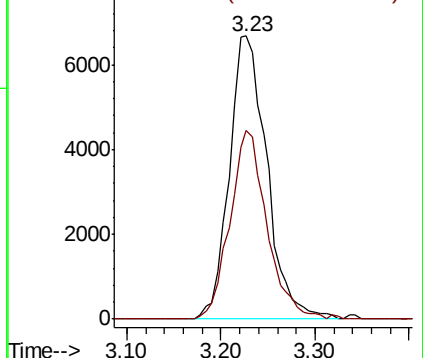
Trichlorofluoromethane
Concen: 17.304 ug/l
RT: 3.23 min Scan# 217
Delta R.T. -0.02 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

Tgt Ion:101 Resp: 18579
Ion Ratio Lower Upper
101 100
103 66.5 49.0 73.4



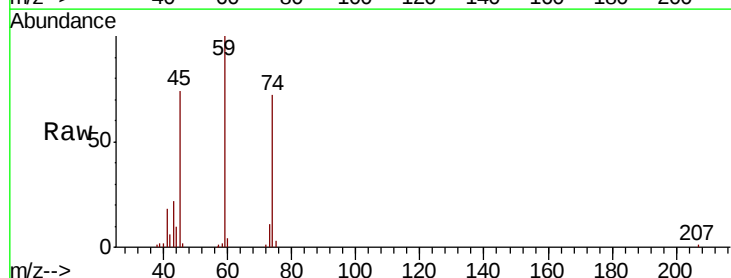
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



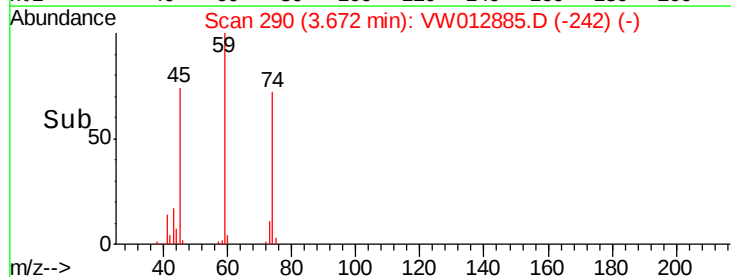
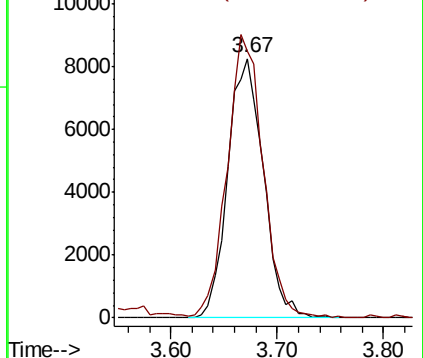
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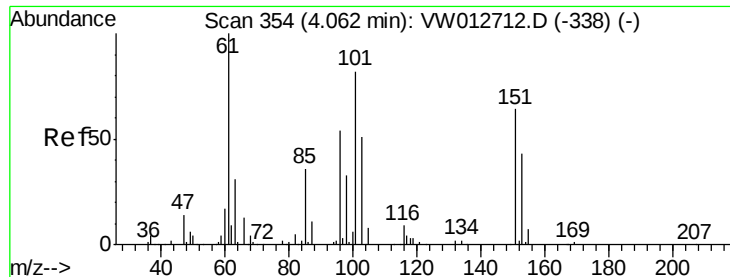
Diethyl Ether
Concen: 21.447 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 74 Resp: 19354
Ion Ratio Lower Upper
74 100
45 109.7 58.8 176.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.142 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.02 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

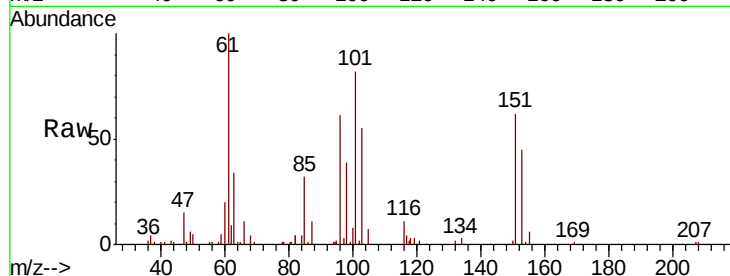
Tgt Ion:101 Resp: 32252

Ion Ratio Lower Upper

101 100

85 45.0 36.2 54.2

151 80.7 61.9 92.9

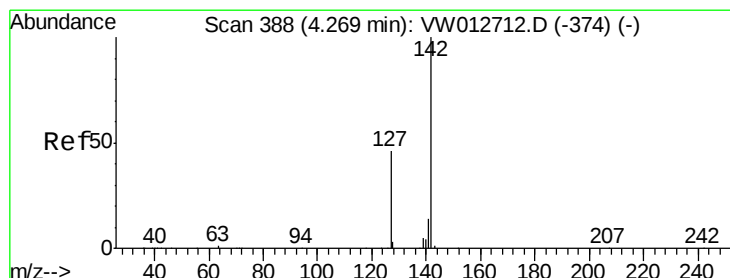
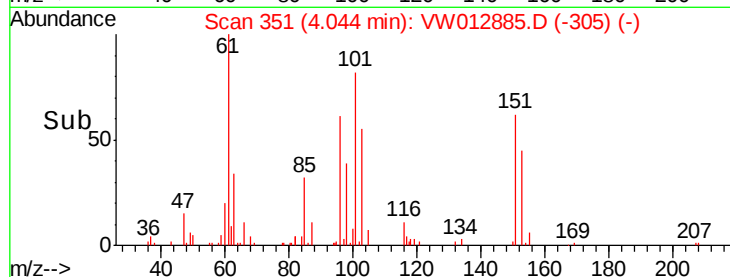
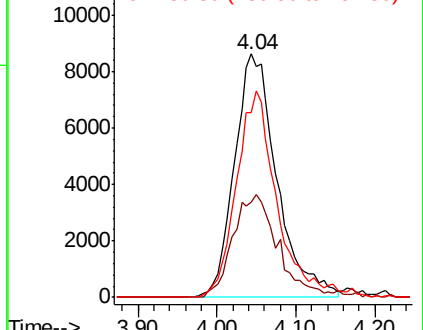


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.504 ug/l

RT: 4.25 min Scan# 385

Delta R.T. -0.02 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

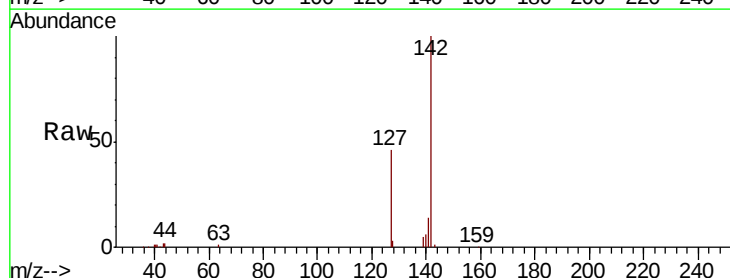
Tgt Ion:142 Resp: 45612

Ion Ratio Lower Upper

142 100

127 42.6 36.0 54.0

141 15.1 12.2 18.4

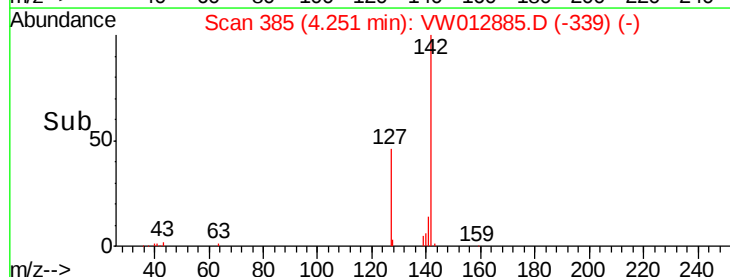
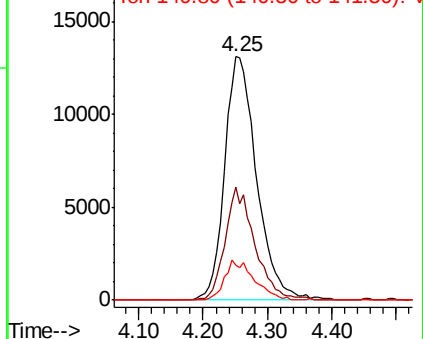


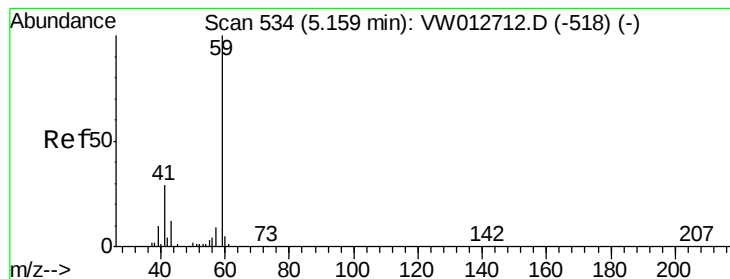
Abundance

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



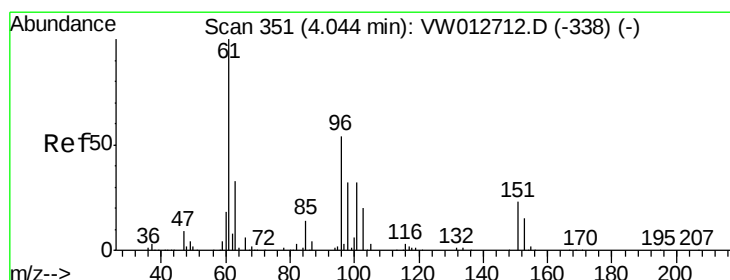
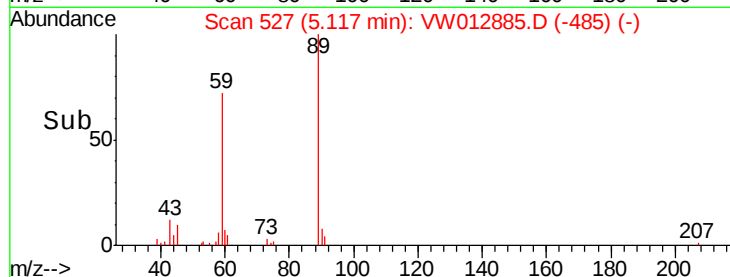
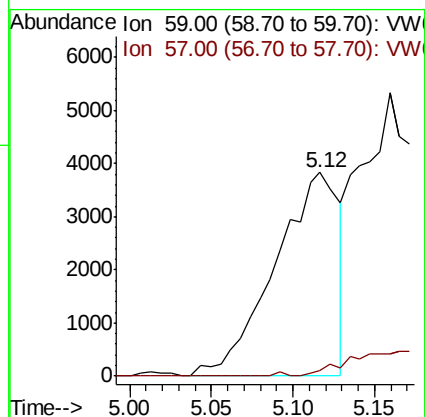
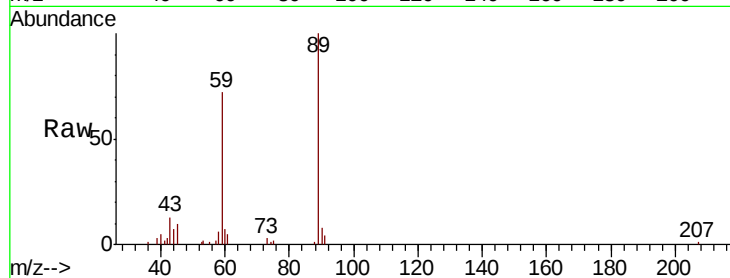


#11

Tert butyl alcohol
 Concen: 63.754 ug/l
 RT: 5.12 min Scan# 527
 Delta R.T. -0.04 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

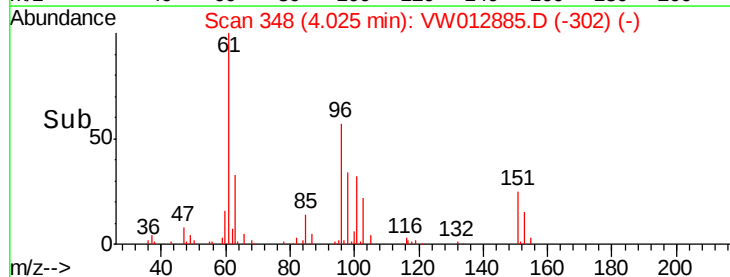
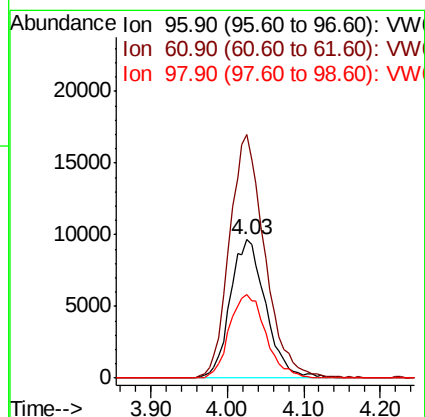
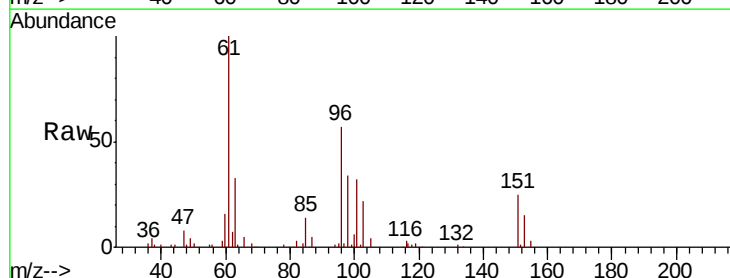
Tgt Ion: 59 Resp: 10497
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

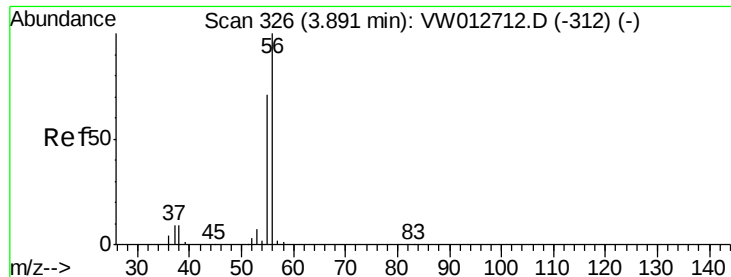


#12

1,1-Dichloroethene
 Concen: 19.486 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion: 96 Resp: 30993
 Ion Ratio Lower Upper
 96 100
 61 176.0 147.8 221.6
 98 60.1 47.9 71.9

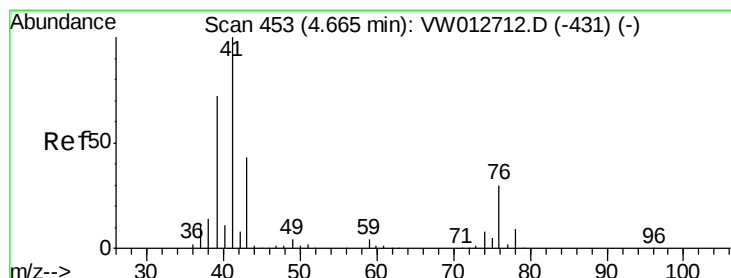
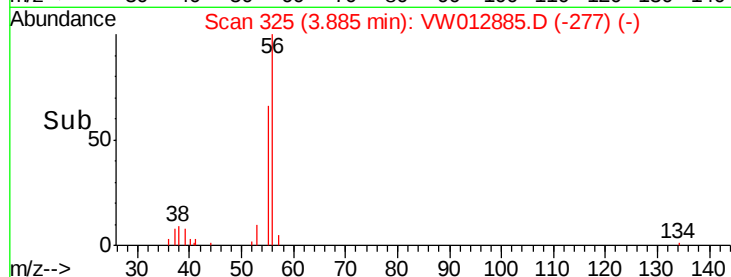
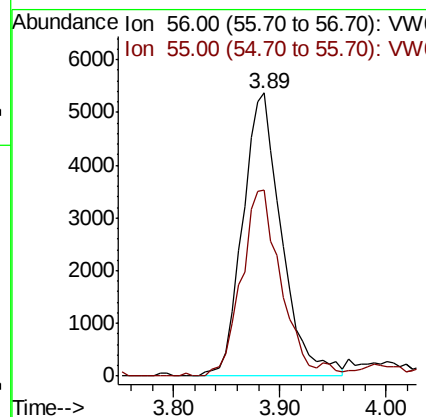
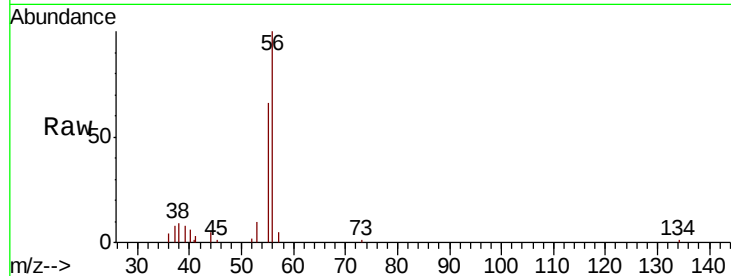




#13
 Acrolein
 Concen: 78.696 ug/l
 RT: 3.89 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

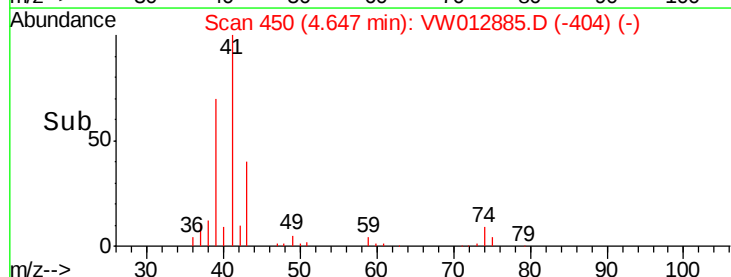
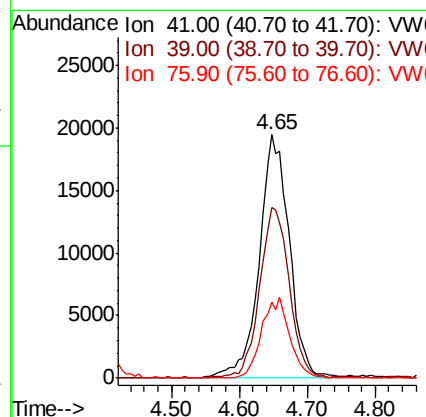
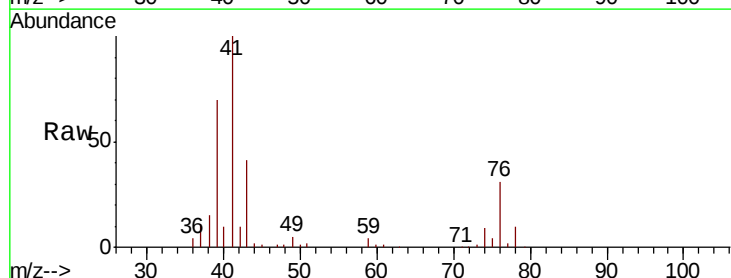
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

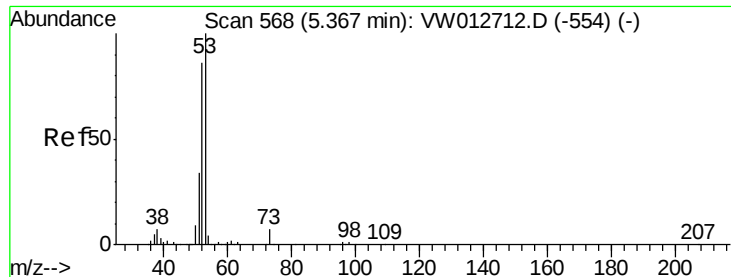
Tgt Ion: 56 Resp: 13750
 Ion Ratio Lower Upper
 56 100
 55 65.7 56.9 85.3



#14
 Allyl chloride
 Concen: 18.222 ug/l
 RT: 4.65 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion: 41 Resp: 59956
 Ion Ratio Lower Upper
 41 100
 39 69.3 55.0 82.6
 76 30.9 23.0 34.4





#15

Acrylonitrile

Concen: 97.019 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

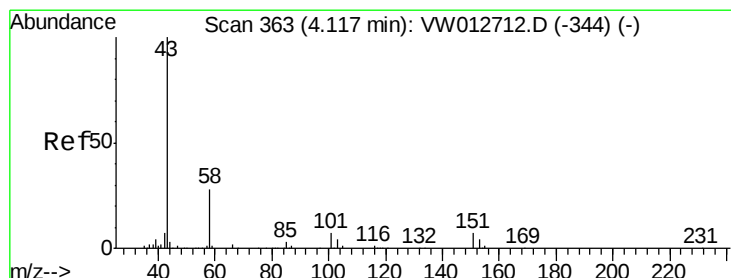
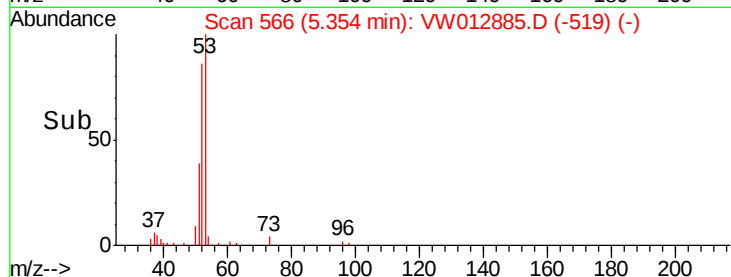
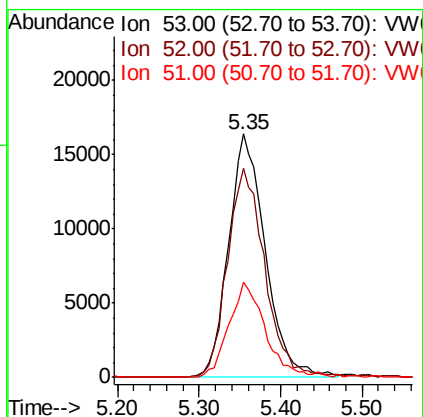
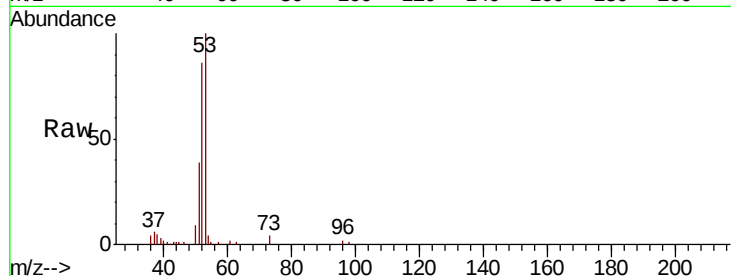
Tgt Ion: 53 Resp: 51135

Ion Ratio Lower Upper

53 100

52 87.2 67.0 100.4

51 38.1 29.8 44.8



#16

Acetone

Concen: 77.827 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012885.D

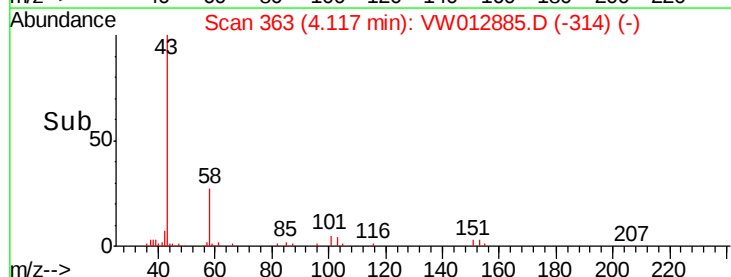
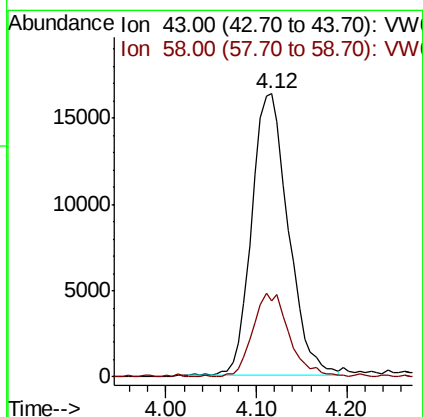
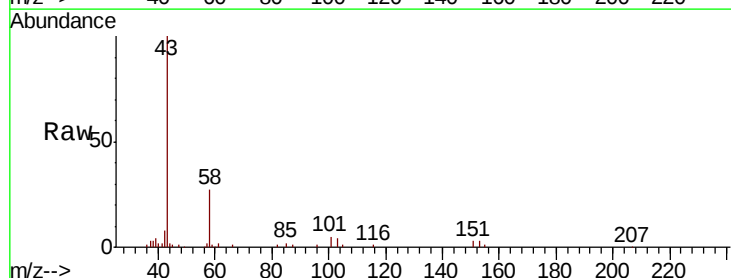
Acq: 10 Sep 2019 23:18

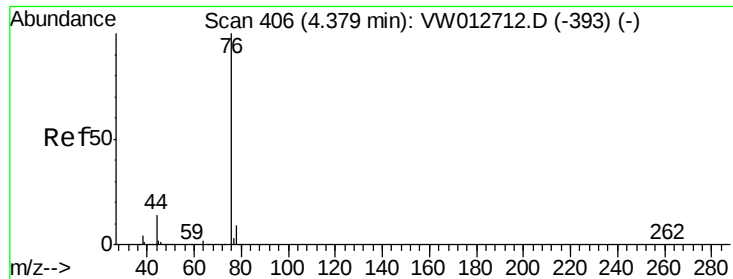
Tgt Ion: 43 Resp: 45659

Ion Ratio Lower Upper

43 100

58 26.8 22.6 33.8

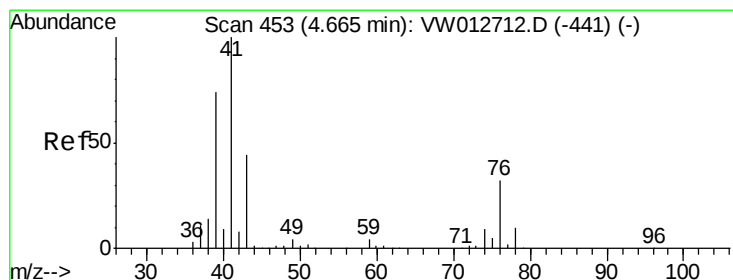
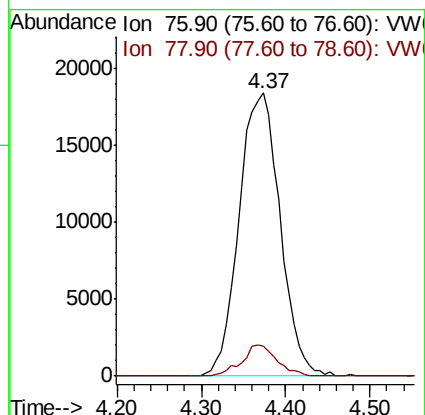
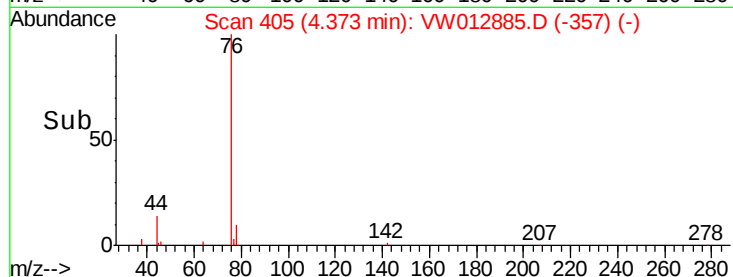
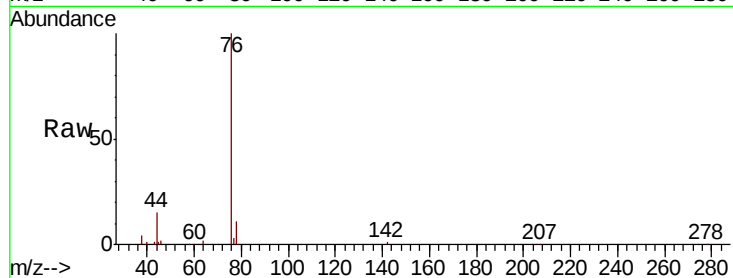




#17
Carbon Disulfide
Concen: 17.987 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

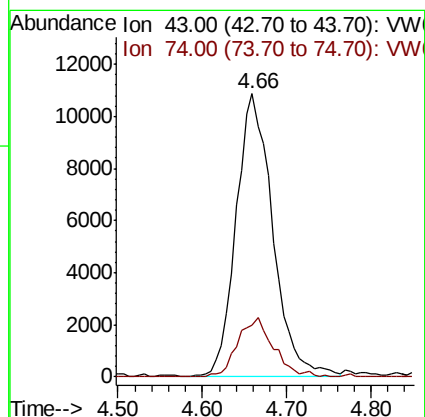
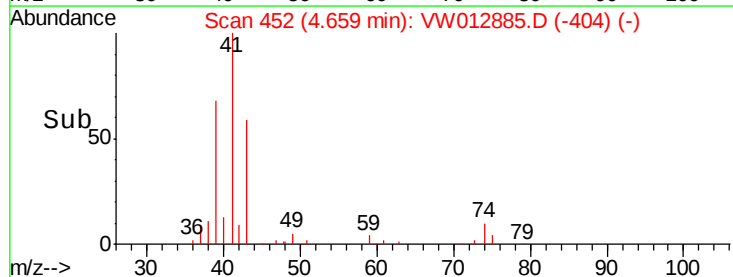
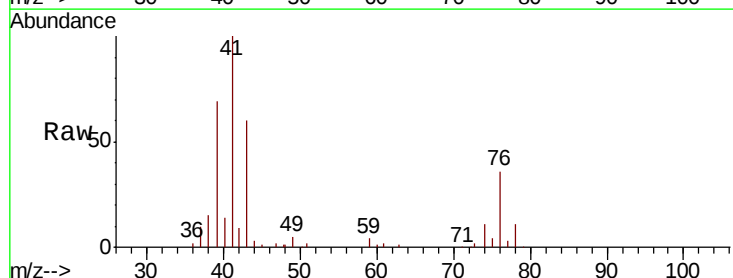
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

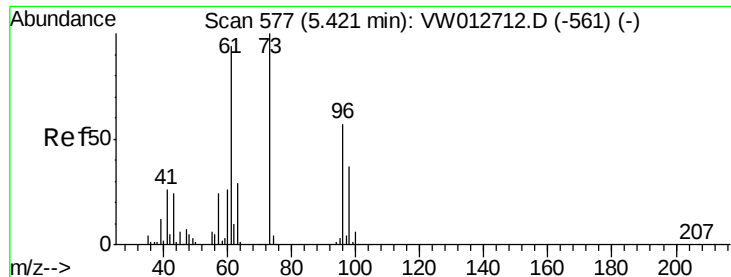
Tgt Ion: 76 Resp: 60726
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#18
Methyl Acetate
Concen: 23.371 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 43 Resp: 32168
Ion Ratio Lower Upper
43 100
74 20.2 15.8 23.6

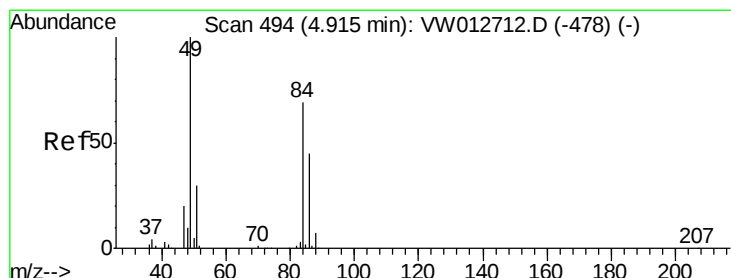
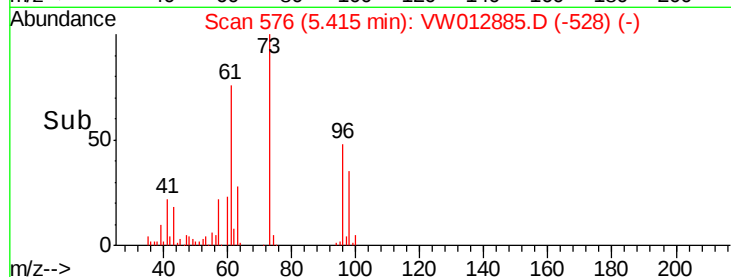
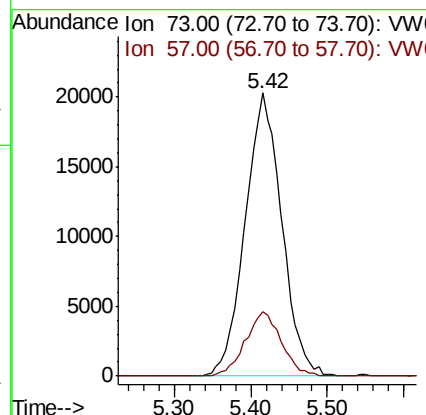
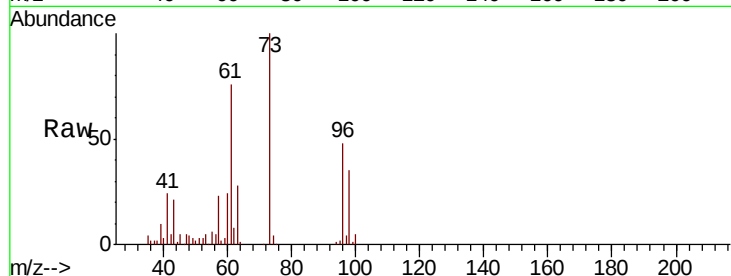




#19
Methyl tert-butyl Ether
Concen: 21.347 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

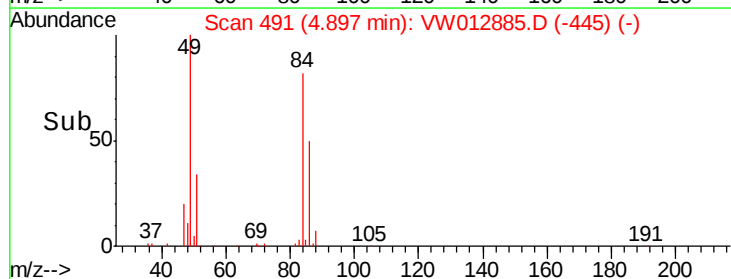
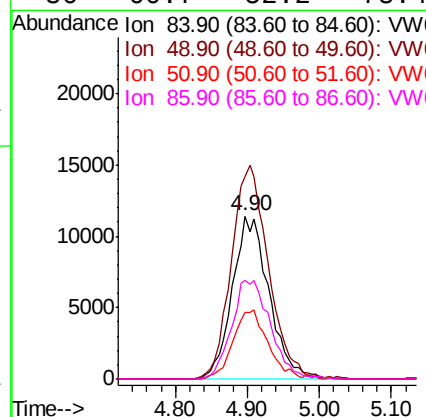
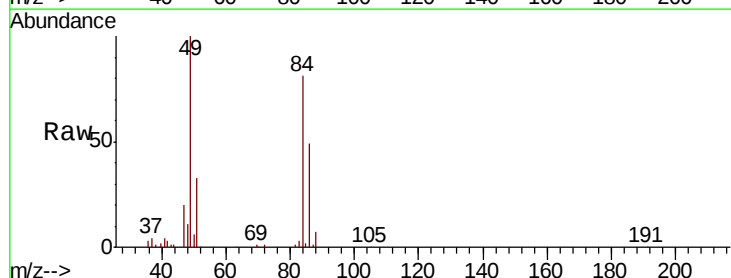
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

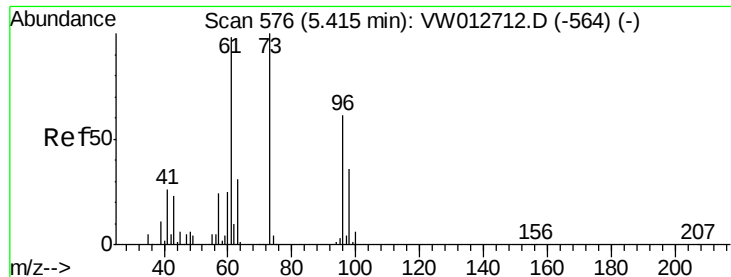
Tgt Ion: 73 Resp: 67335
Ion Ratio Lower Upper
73 100
57 22.7 19.2 28.8



#20
Methylene Chloride
Concen: 21.940 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 84 Resp: 40270
Ion Ratio Lower Upper
84 100
49 123.7 115.4 173.0
51 41.0 34.9 52.3
86 60.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.212 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

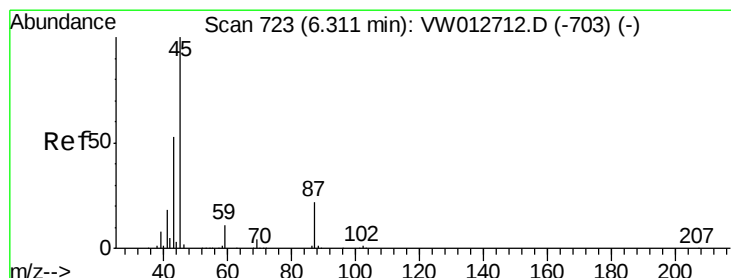
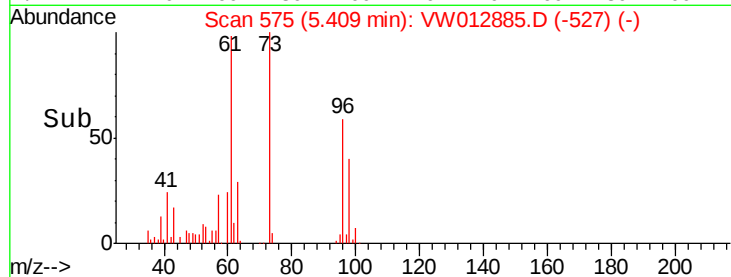
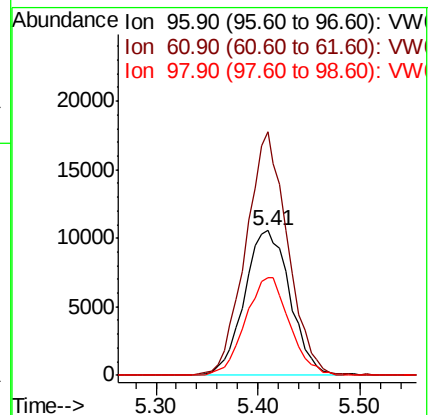
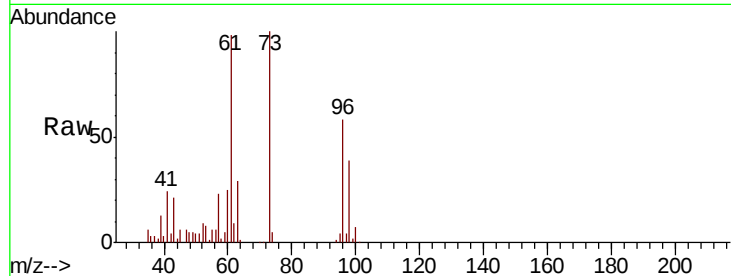
Tgt Ion: 96 Resp: 32802

Ion Ratio Lower Upper

96 100

61 168.5 129.2 193.8

98 67.6 48.0 72.0



#22

Diisopropyl ether

Concen: 20.552 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Tgt Ion: 45 Resp: 134119

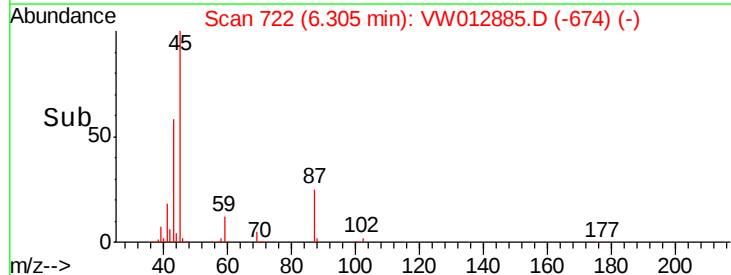
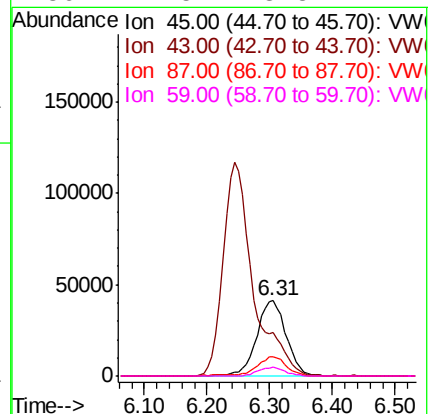
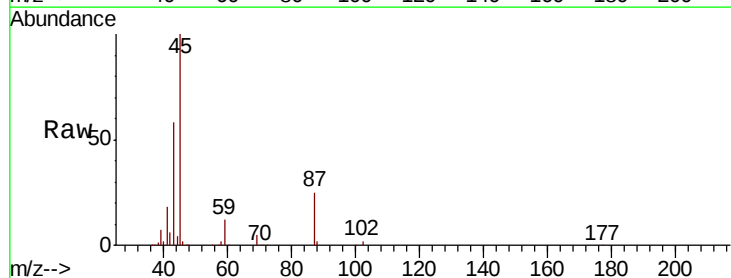
Ion Ratio Lower Upper

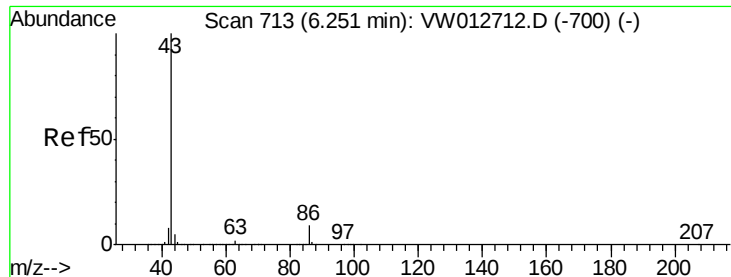
45 100

43 58.2 42.3 63.5

87 25.3 18.2 27.2

59 12.5 8.5 12.7





#23

Vinyl Acetate

Concen: 94.291 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

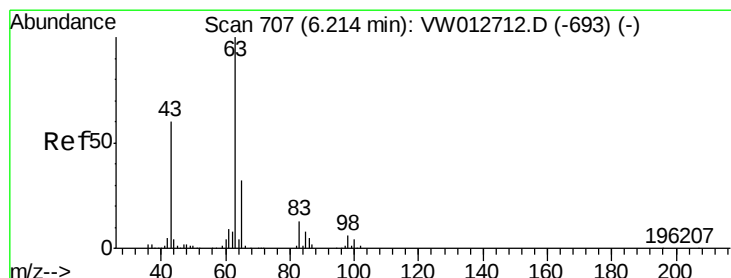
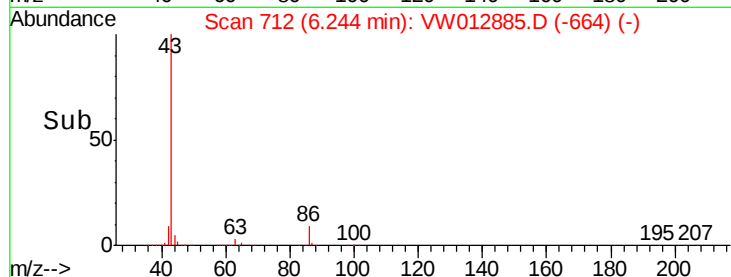
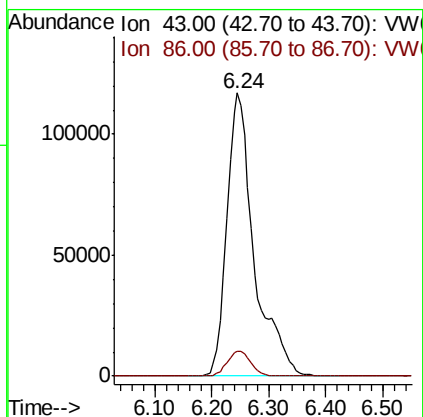
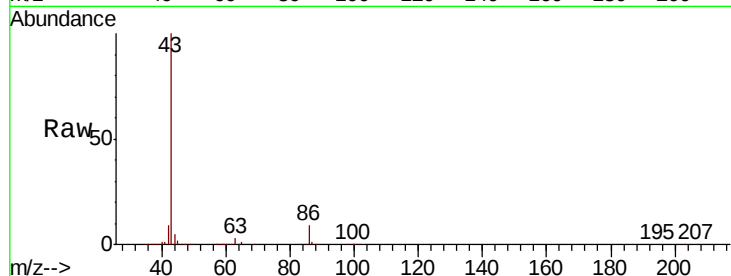
VW0910SBS02

Tgt Ion: 43 Resp: 389958

Ion Ratio Lower Upper

43 100

86 8.9 7.0 10.6



#24

1,1-Dichloroethane

Concen: 20.269 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

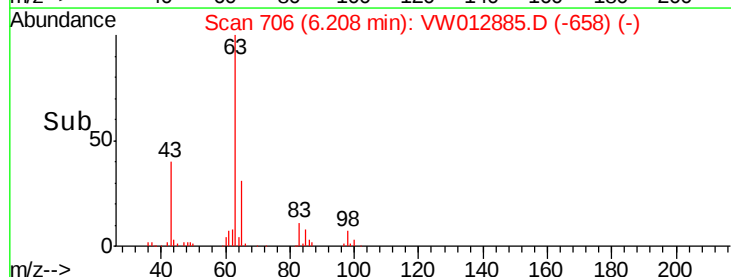
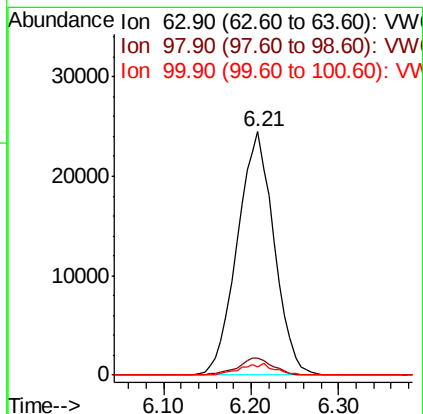
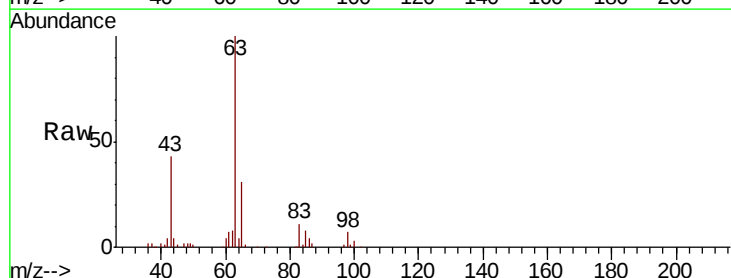
Tgt Ion: 63 Resp: 71220

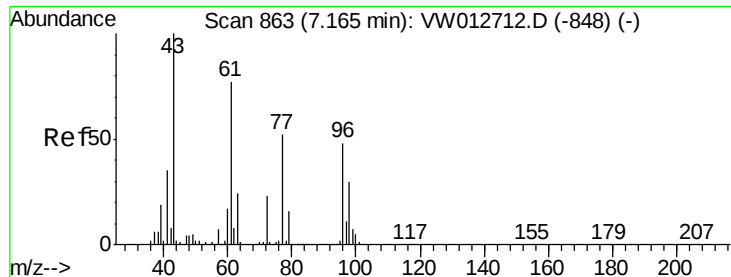
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 3.4 1.8 5.5





#25

2-Butanone

Concen: 98.148 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

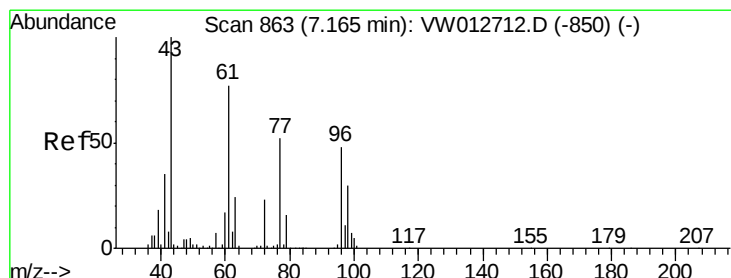
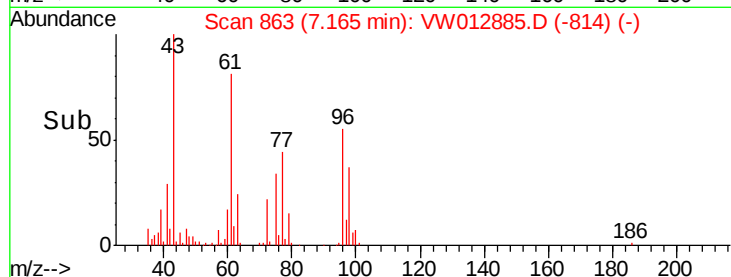
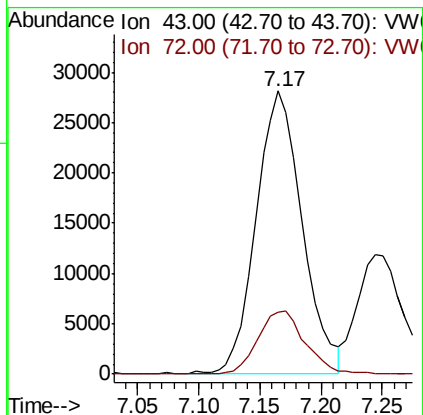
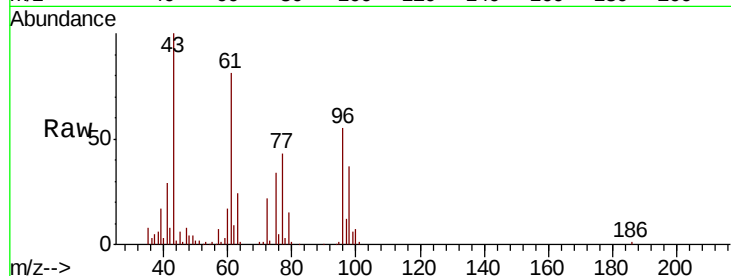
VW0910SBS02

Tgt Ion: 43 Resp: 73574

Ion Ratio Lower Upper

43 100

72 22.1 18.0 27.0



#26

2,2-Dichloropropane

Concen: 18.875 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012885.D

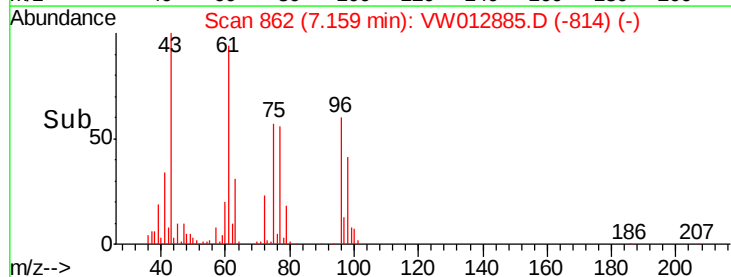
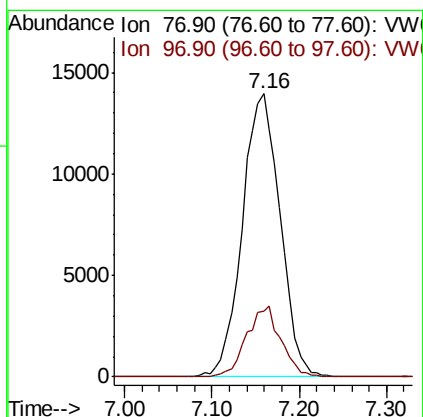
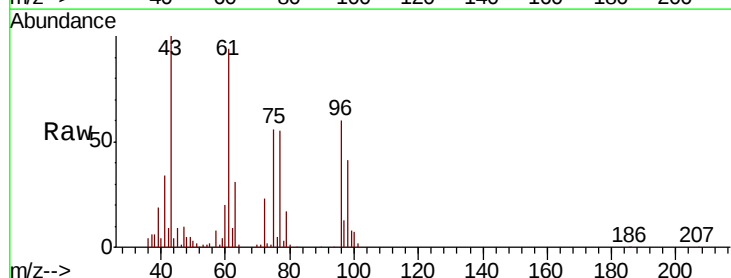
Acq: 10 Sep 2019 23:18

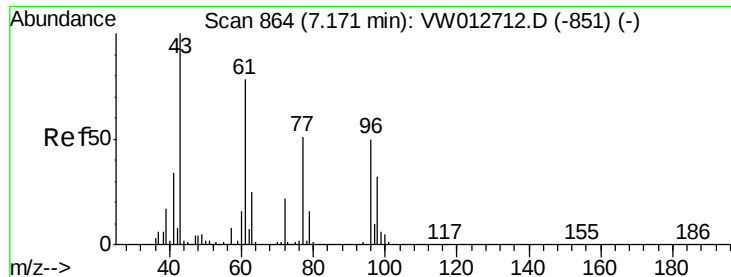
Tgt Ion: 77 Resp: 41889

Ion Ratio Lower Upper

77 100

97 22.6 10.7 32.1



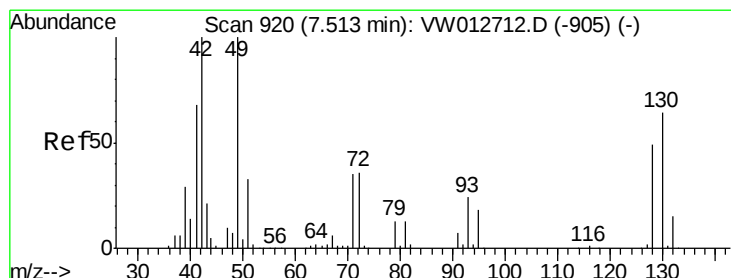
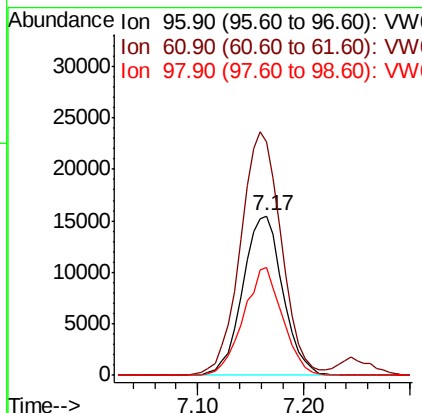
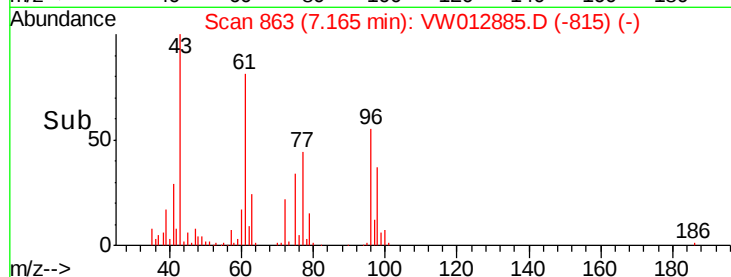
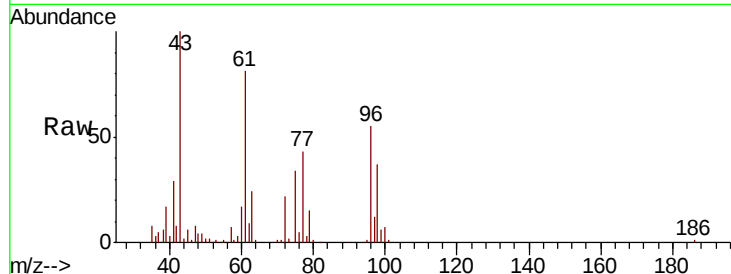


#27

cis-1,2-Dichloroethene
 Concen: 21.719 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

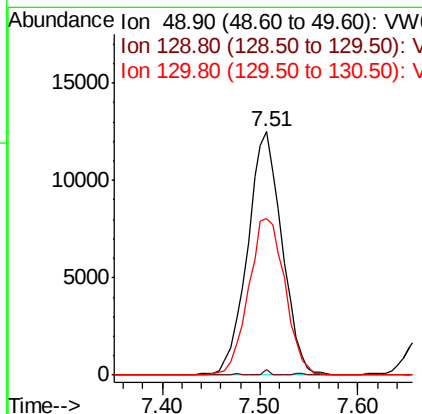
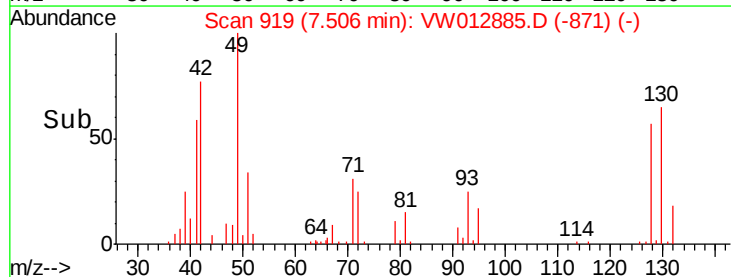
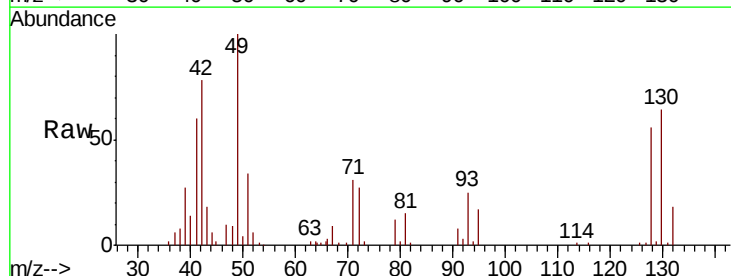
Tgt Ion: 96 Resp: 40871
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 325.8
 98 65.6 0.0 127.0

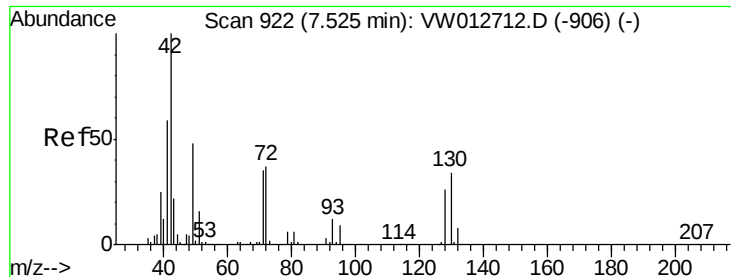


#28

Bromochloromethane
 Concen: 18.907 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion: 49 Resp: 30505
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 0.8
 130 68.1 49.8 74.8

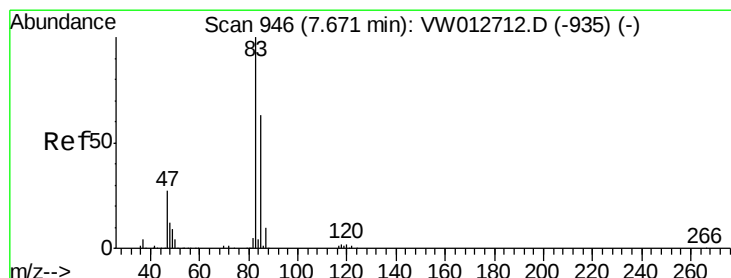
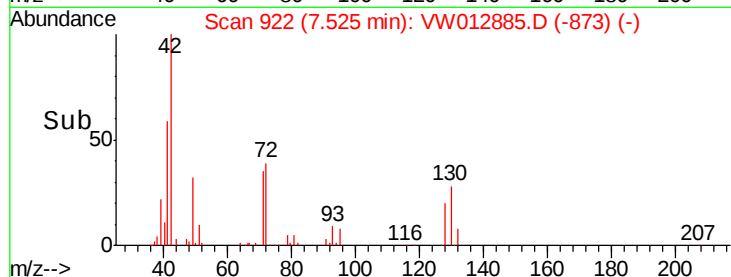
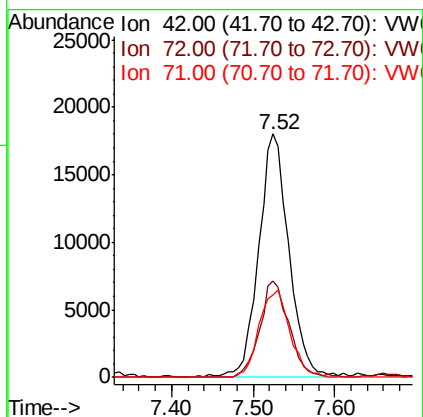
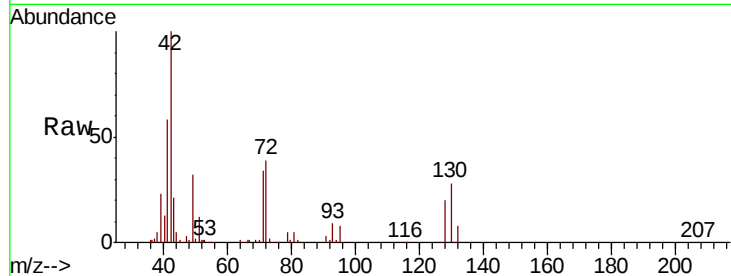




#29
Tetrahydrofuran
Concen: 98.254 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

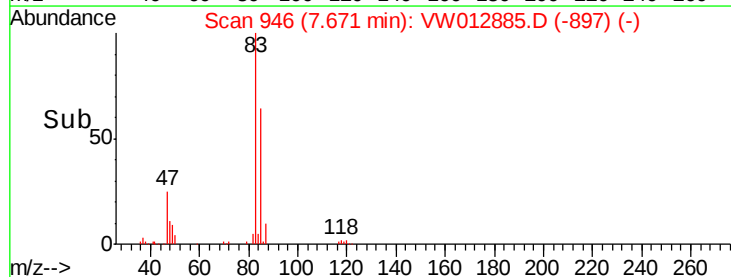
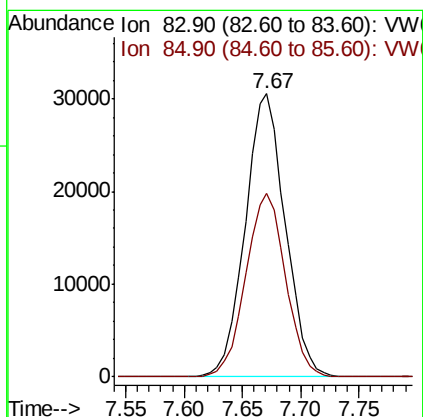
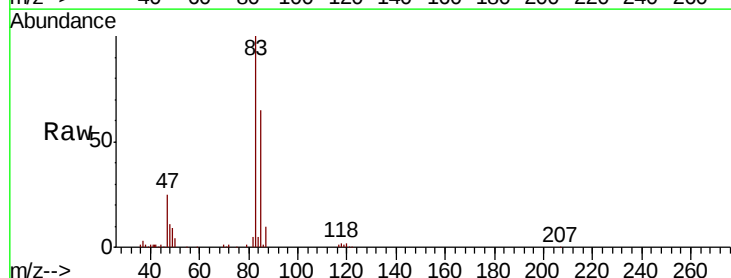
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

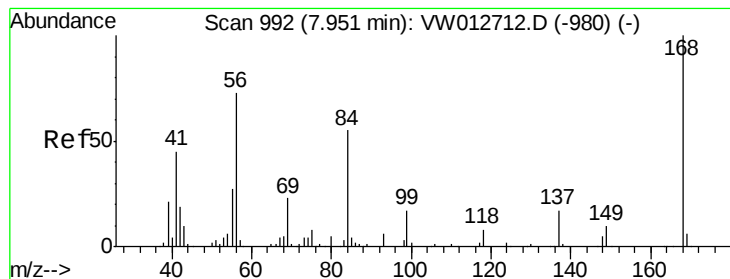
Tgt Ion: 42 Resp: 46549
Ion Ratio Lower Upper
42 100
72 38.2 28.4 42.6
71 36.5 27.1 40.7



#30
Chloroform
Concen: 20.928 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 83 Resp: 72878
Ion Ratio Lower Upper
83 100
85 64.6 50.6 76.0





#31

Cyclohexane

Concen: 18.375 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

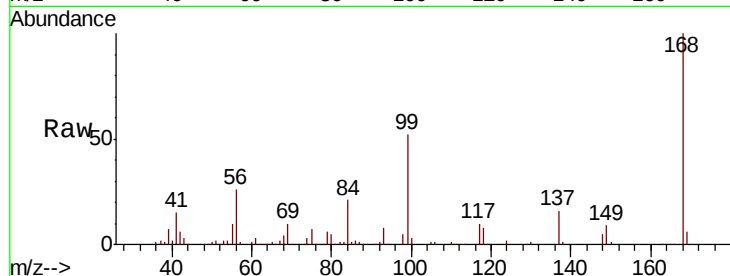
Tgt Ion: 56 Resp: 58125

Ion Ratio Lower Upper

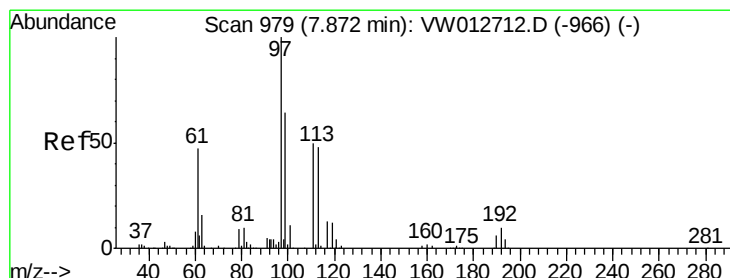
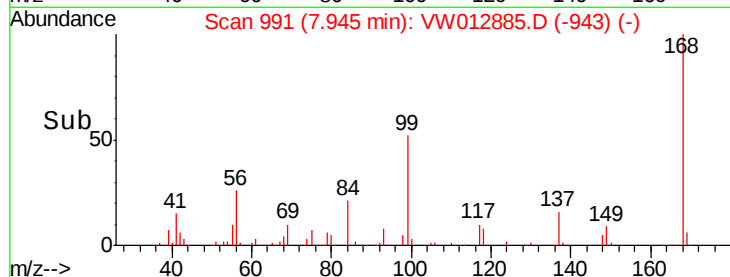
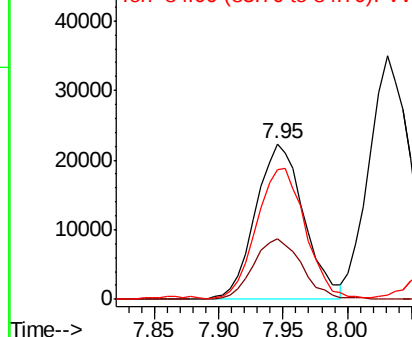
56 100

69 38.8 25.7 38.5#

84 81.6 60.4 90.6



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



#32

1,1,1-Trichloroethane

Concen: 19.493 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

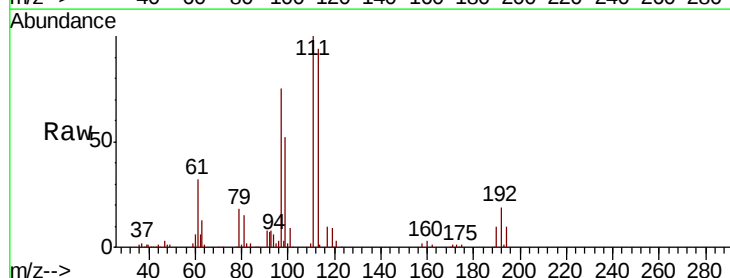
Tgt Ion: 97 Resp: 55024

Ion Ratio Lower Upper

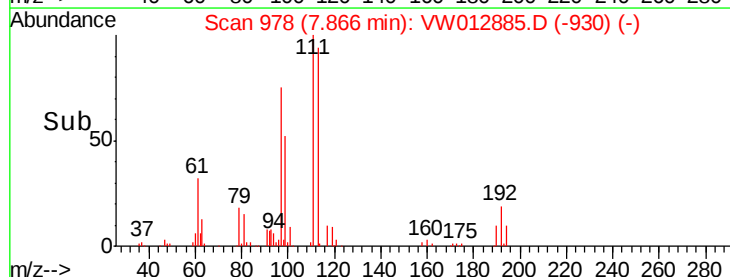
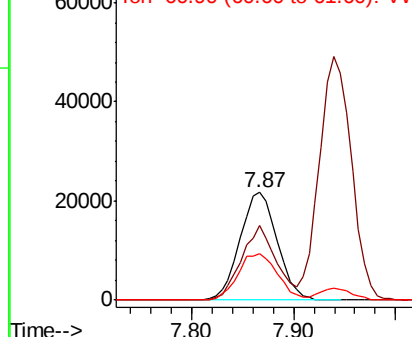
97 100

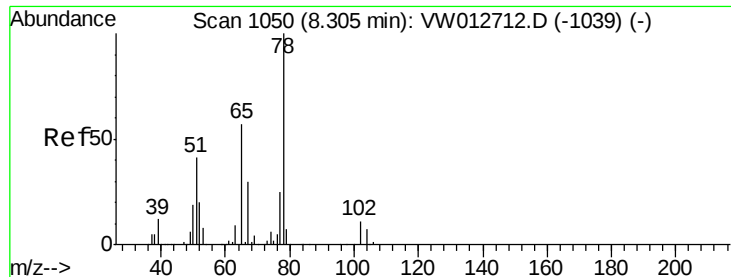
99 65.4 51.5 77.3

61 45.9 37.9 56.9



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

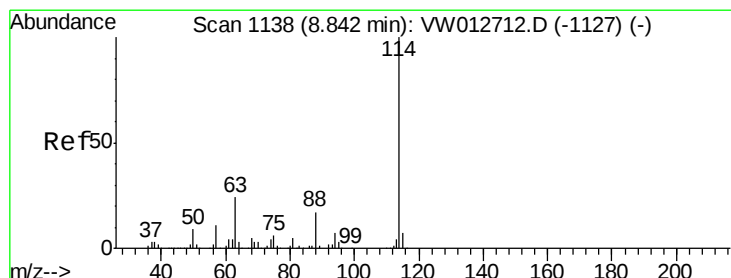
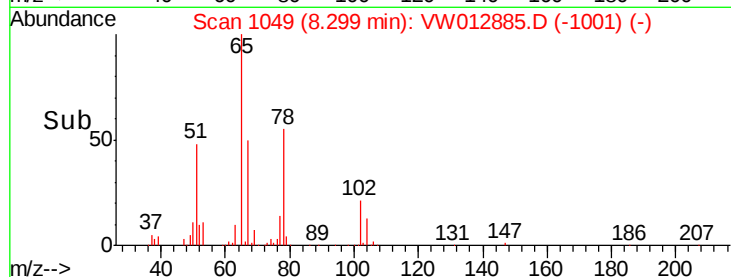
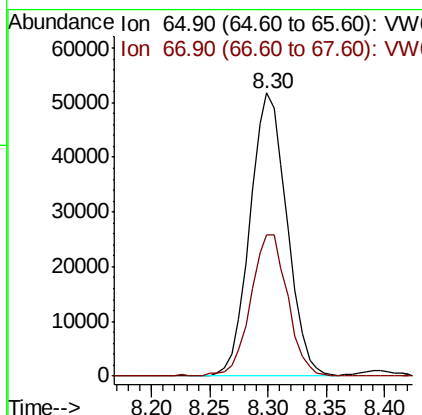
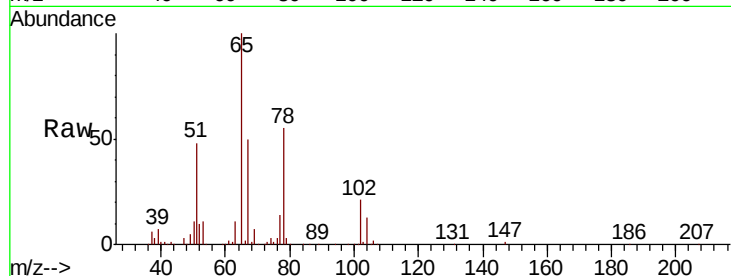




#33
 1,2-Dichloroethane-d4
 Concen: 53.183 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

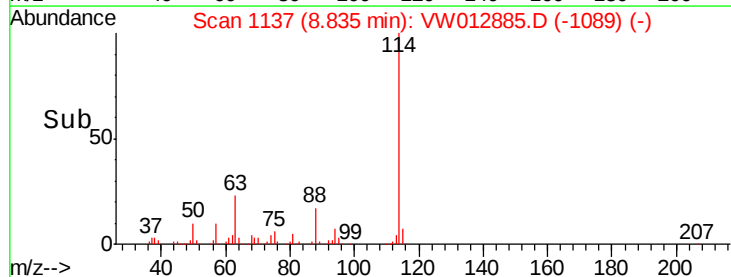
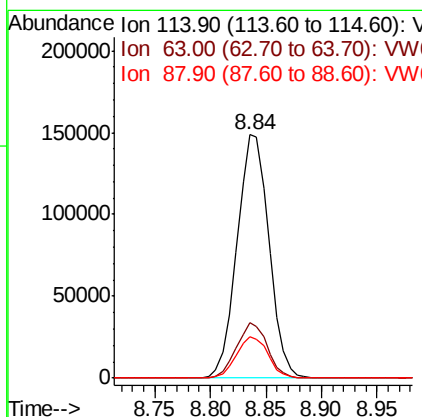
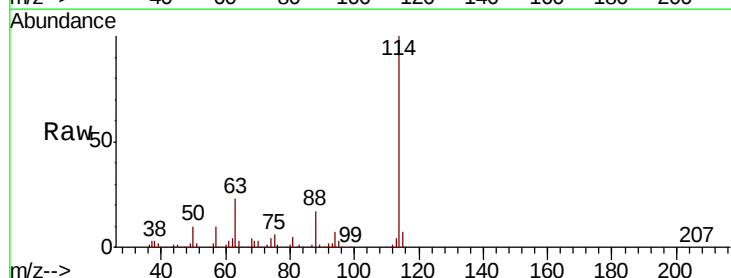
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

Tgt Ion: 65 Resp: 114449
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion: 114 Resp: 296409
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 17.0 0.0 34.0

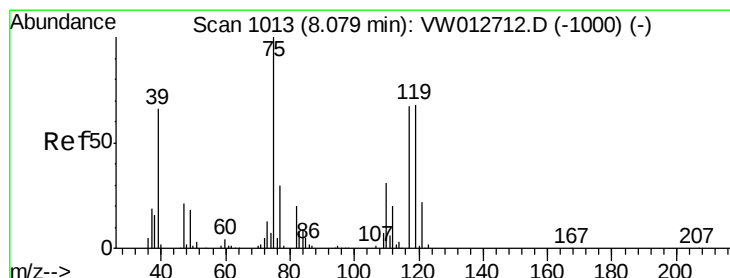
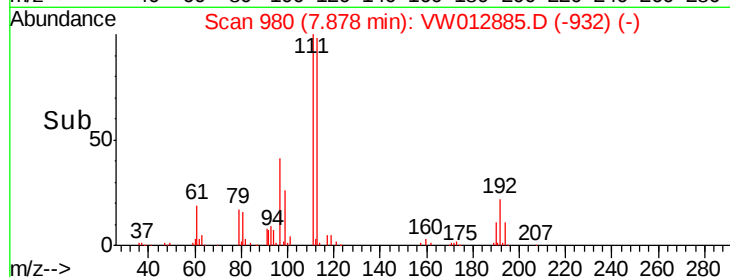
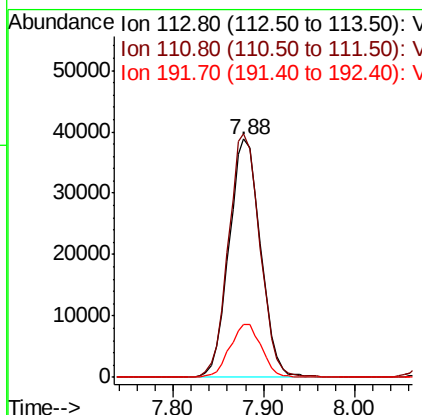
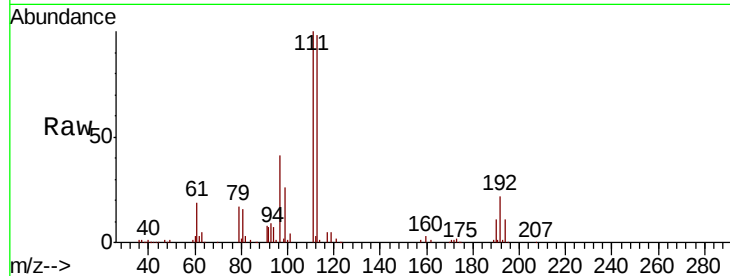




#35
 Dibromofluoromethane
 Concen: 52.930 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

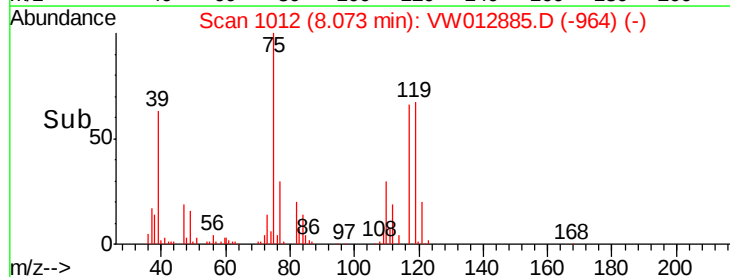
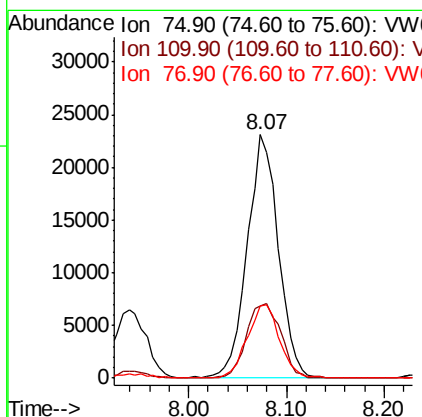
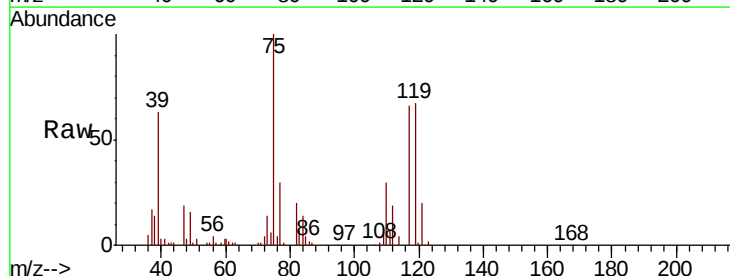
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

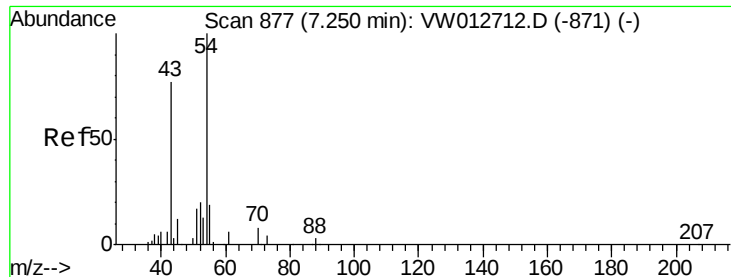
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.2	120.4
192	22.2	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 19.382 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	15.9	47.7
77	31.2	25.0	37.4

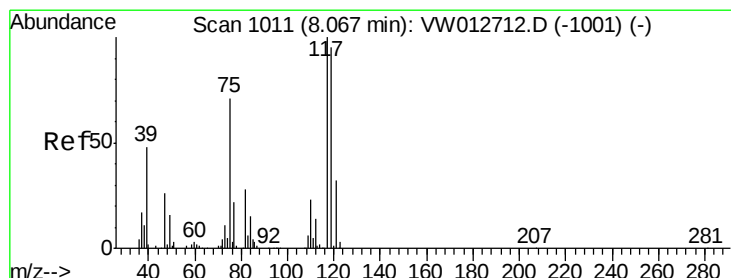
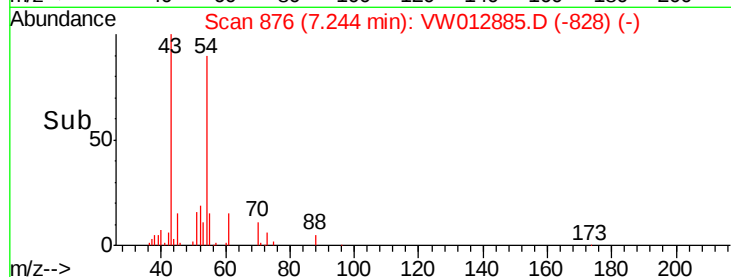
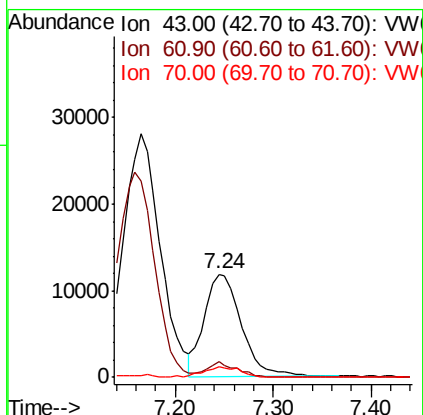
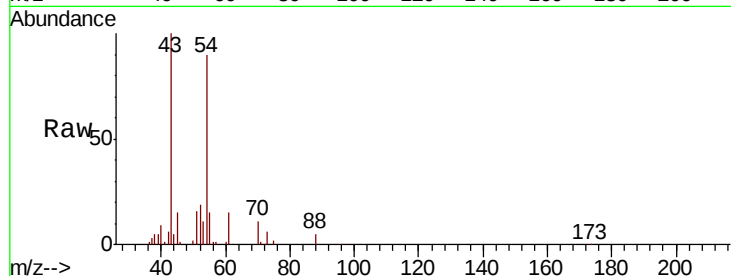




#37
Ethyl Acetate
Concen: 18.381 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

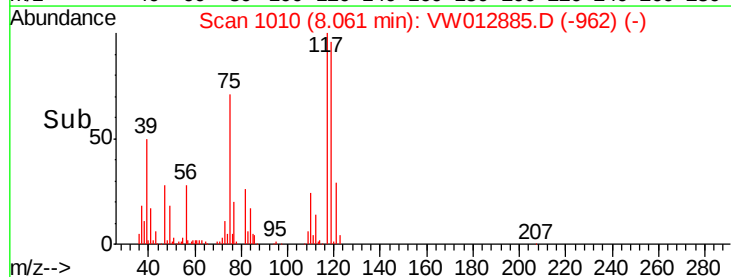
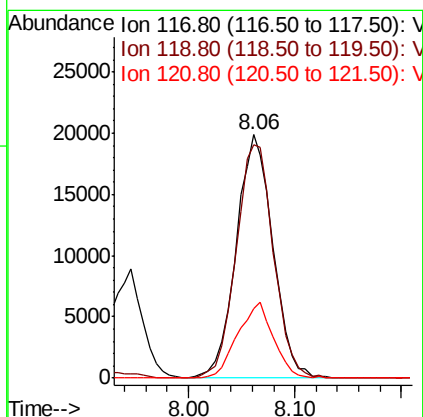
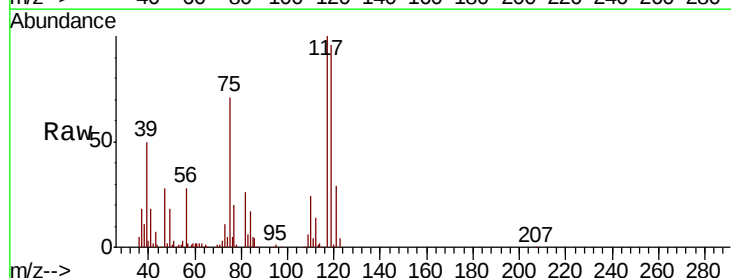
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

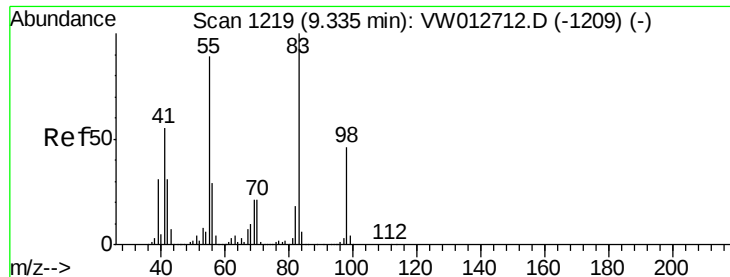
Tgt Ion: 43 Resp: 30860
Ion Ratio Lower Upper
43 100
61 12.1 9.5 14.3
70 10.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 18.501 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 117 Resp: 48031
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
121 28.6 25.4 38.2

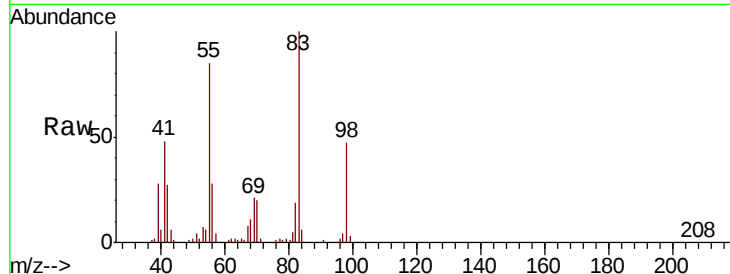




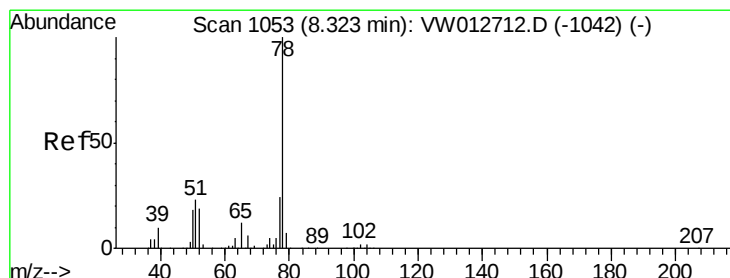
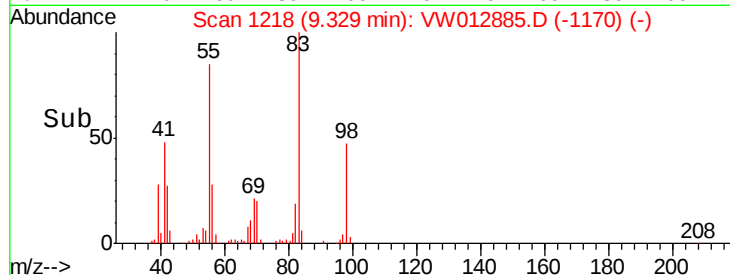
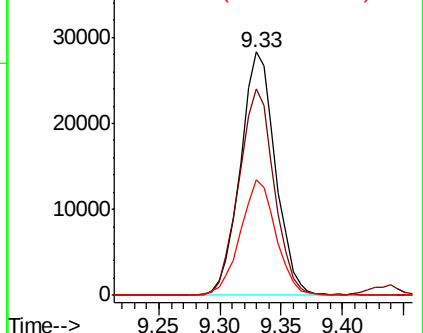
#39
Methylcyclohexane
Concen: 19.087 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

Tgt Ion: 83 Resp: 56459
Ion Ratio Lower Upper
83 100
55 84.9 71.0 106.4
98 47.5 36.9 55.3

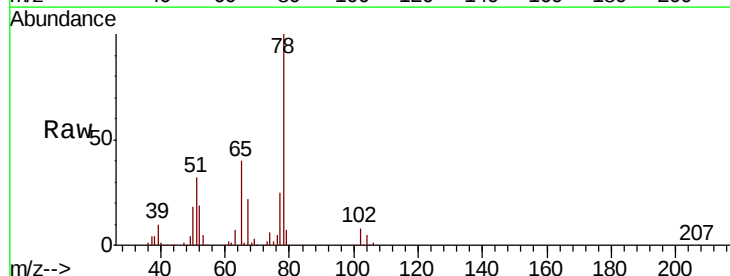


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

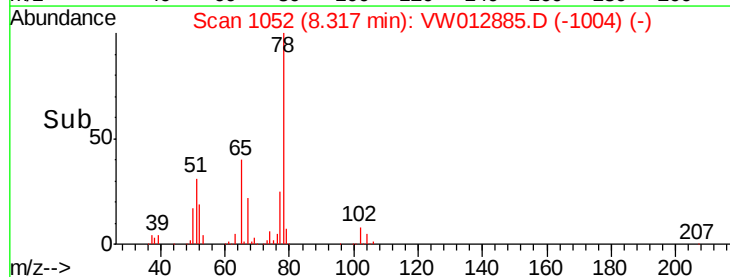
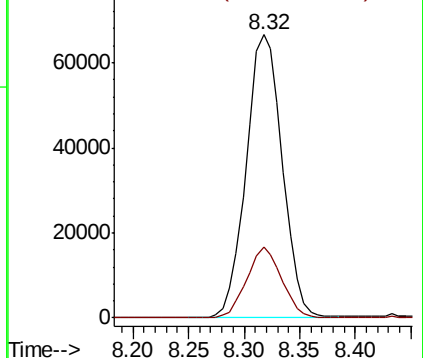


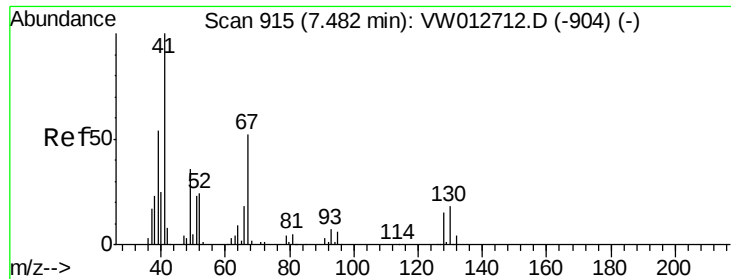
#40
Benzene
Concen: 20.634 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 78 Resp: 150776
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9



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

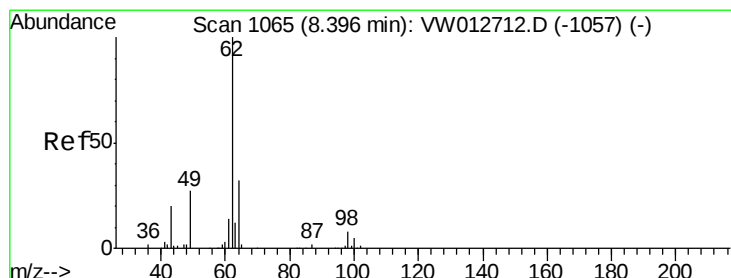
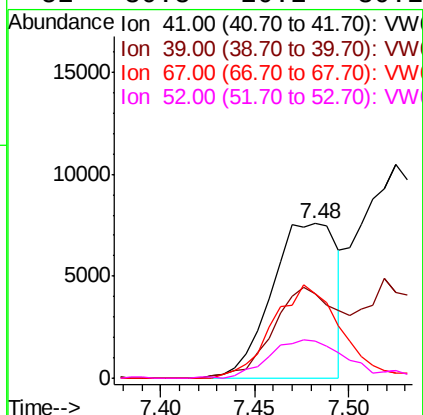
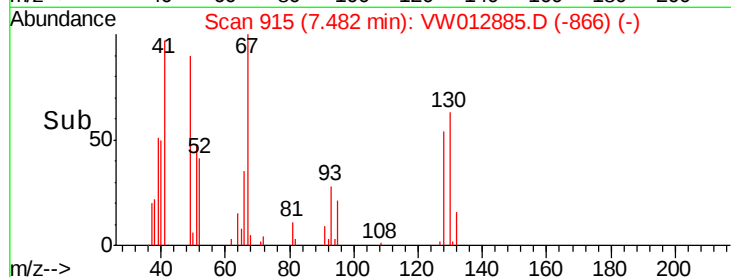
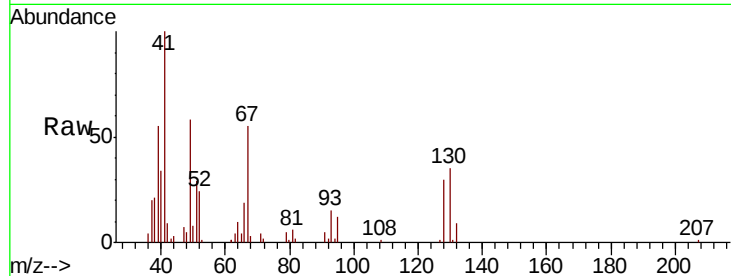




#41
Methacrylonitrile
Concen: 18.691 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

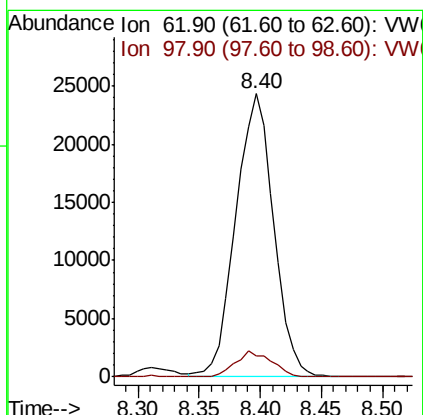
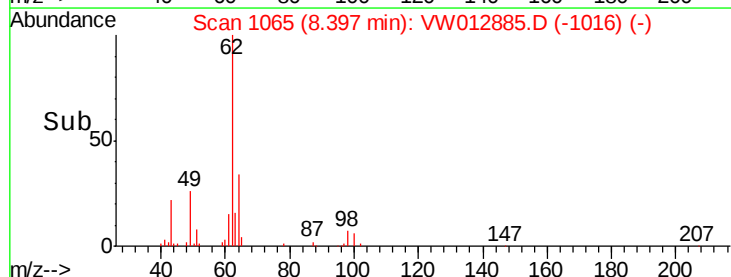
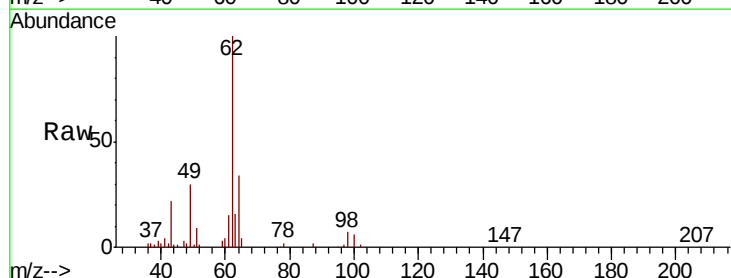
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

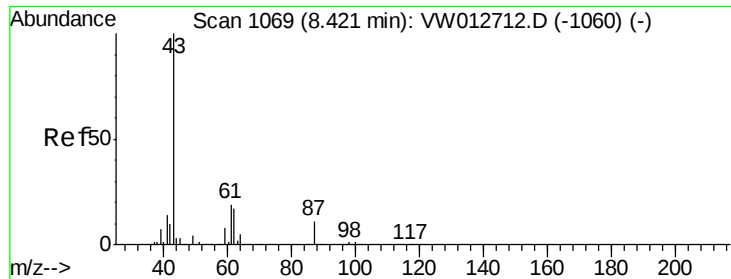
Tgt Ion:	41	Resp:	18360
Ion	Ratio	Lower	Upper
41	100		
39	60.0	47.5	71.3
67	62.8	45.1	67.7
52	30.8	20.2	30.2#



#42
1,2-Dichloroethane
Concen: 20.397 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion:	62	Resp:	52454
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.2





#43

Isopropyl Acetate

Concen: 18.477 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

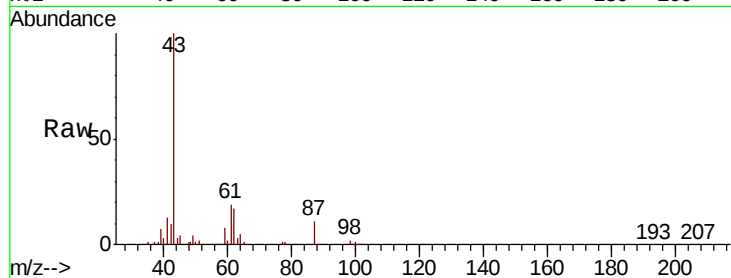
Tgt Ion: 43 Resp: 58771

Ion Ratio Lower Upper

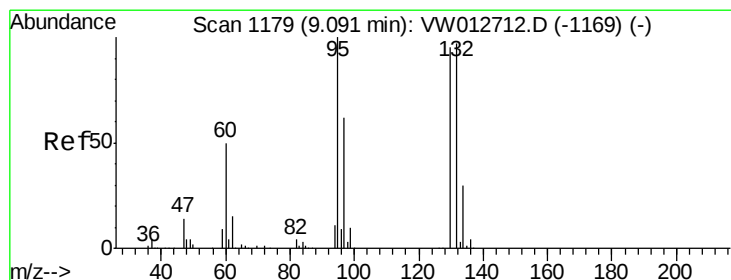
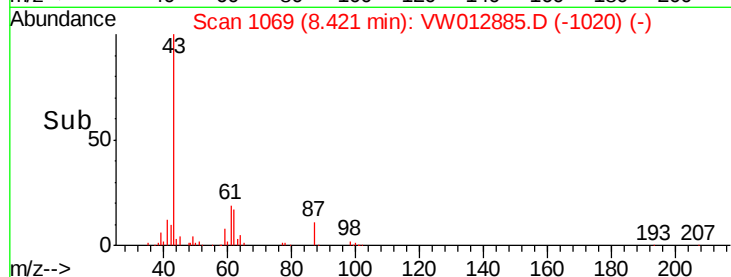
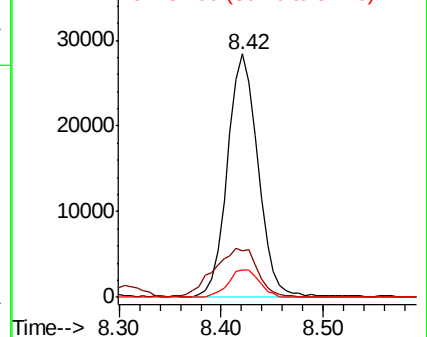
43 100

61 29.1 20.6 30.8

87 11.6 8.6 13.0



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



#44

Trichloroethene

Concen: 21.045 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012885.D

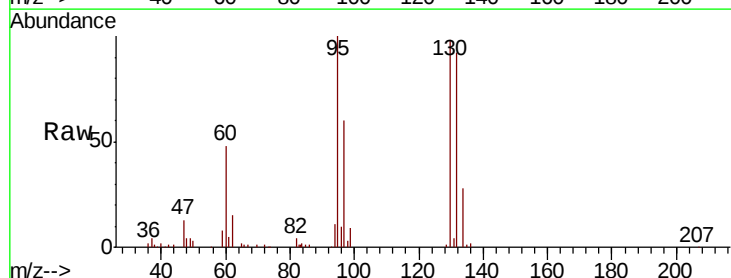
Acq: 10 Sep 2019 23:18

Tgt Ion: 130 Resp: 39639

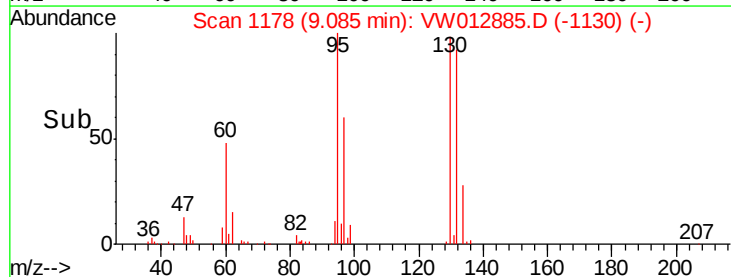
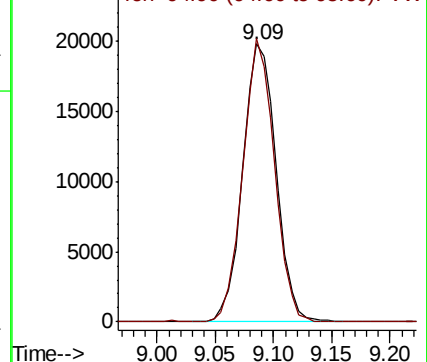
Ion Ratio Lower Upper

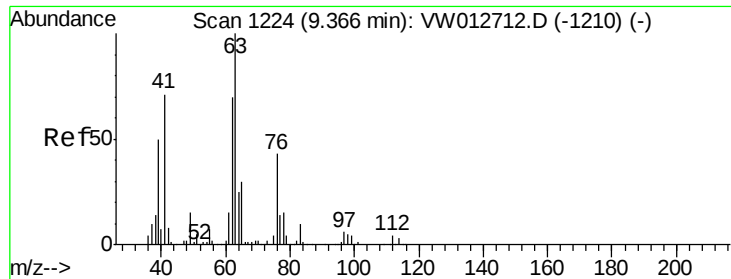
130 100

95 101.9 0.0 210.6



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





#45

1,2-Dichloropropane

Concen: 19.992 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

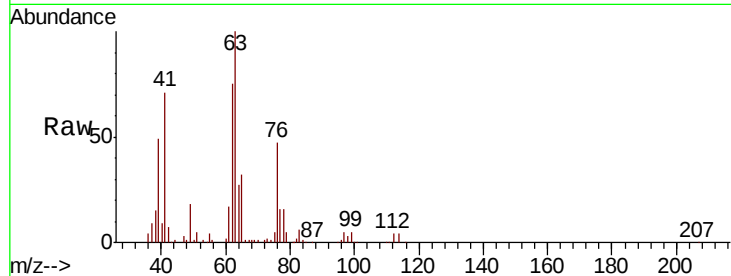
VW0910SBS02

Tgt Ion: 63 Resp: 40517

Ion Ratio Lower Upper

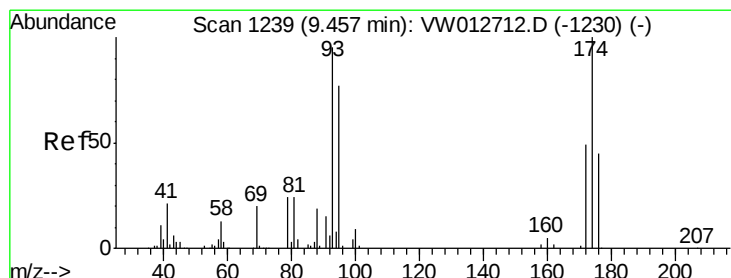
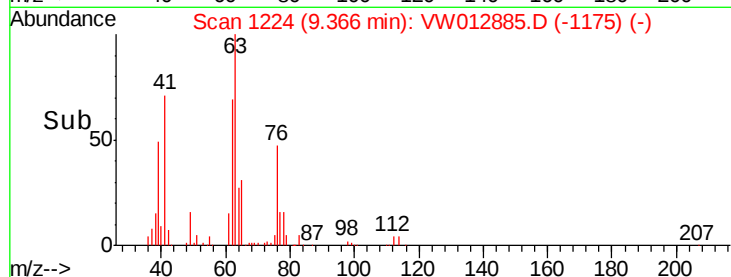
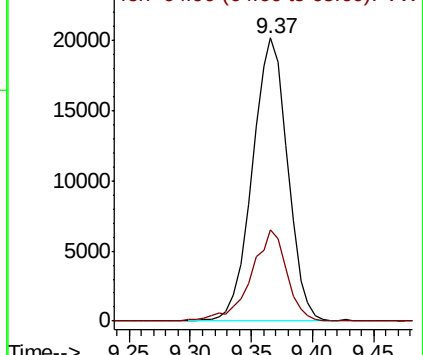
63 100

65 32.1 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 20.910 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

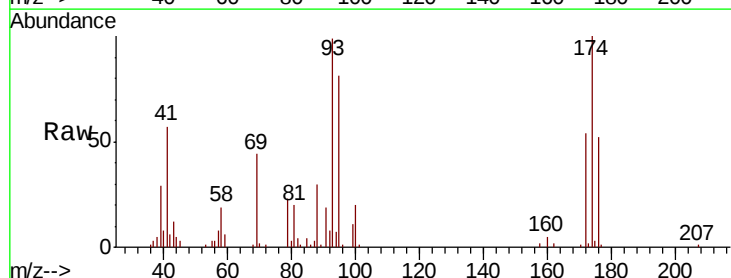
Tgt Ion: 93 Resp: 20067

Ion Ratio Lower Upper

93 100

95 84.1 65.2 97.8

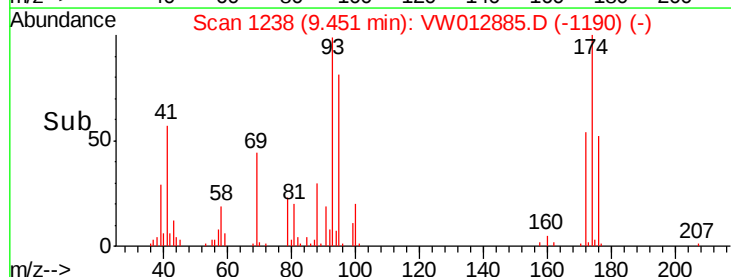
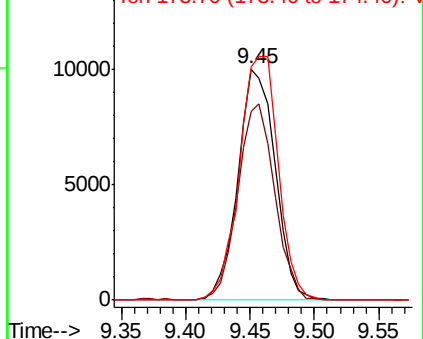
174 109.8 84.2 126.4

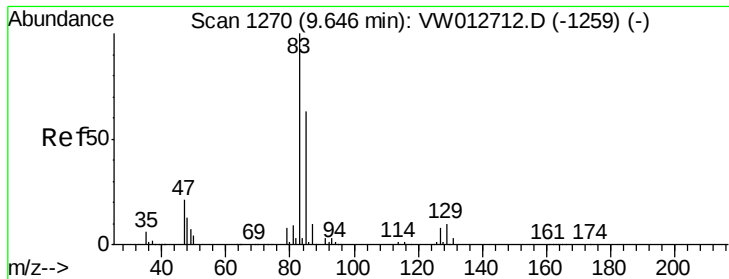


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.901 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

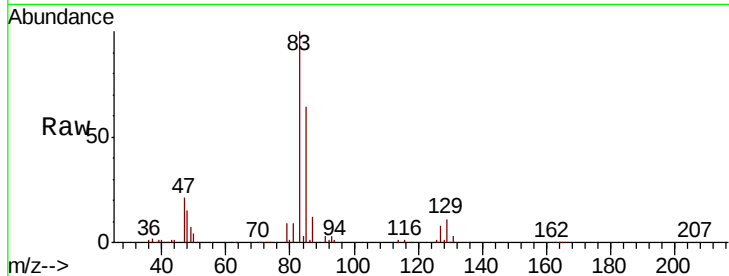
Tgt Ion: 83 Resp: 52546

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.2

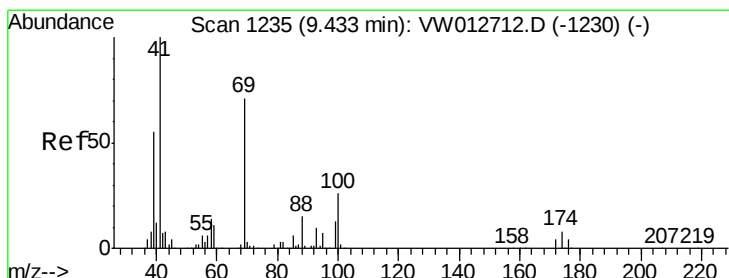
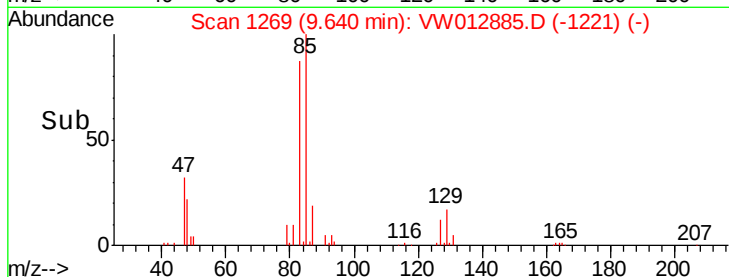
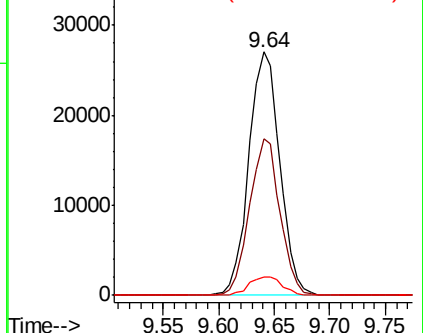
127 7.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 18.381 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

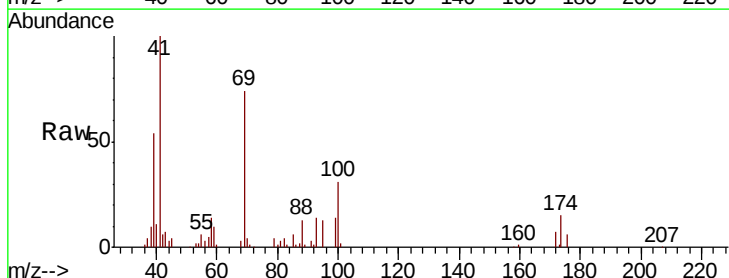
Tgt Ion: 41 Resp: 27940

Ion Ratio Lower Upper

41 100

69 78.9 59.8 89.8

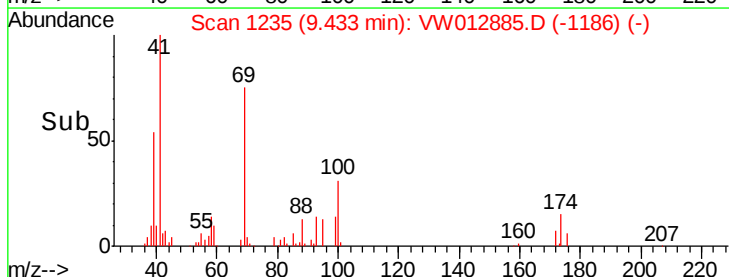
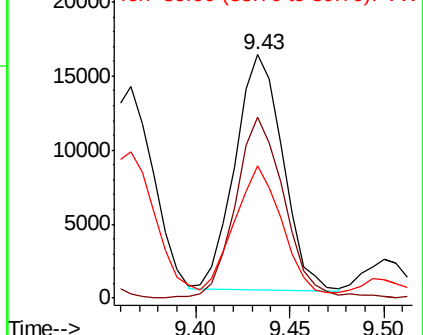
39 57.5 47.0 70.6

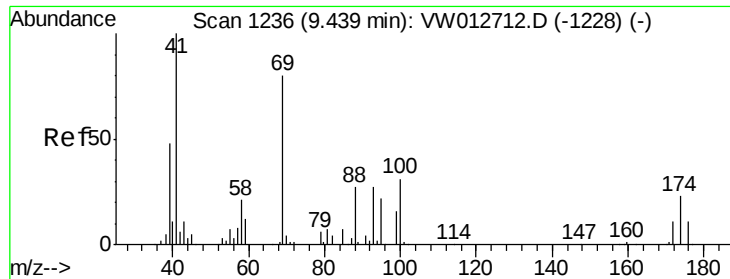


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

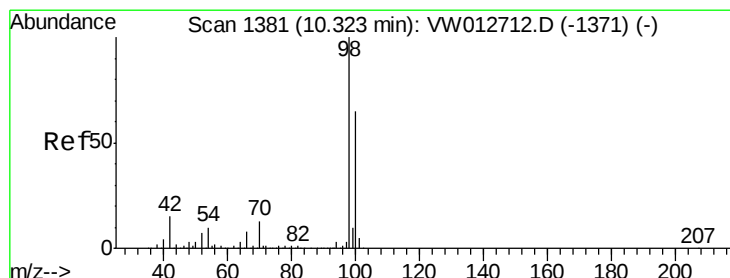
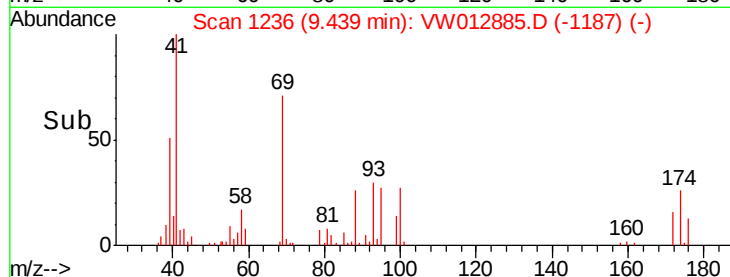
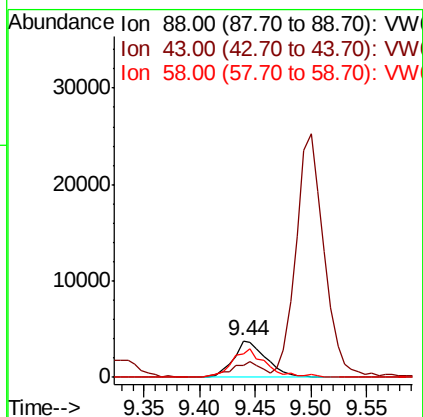
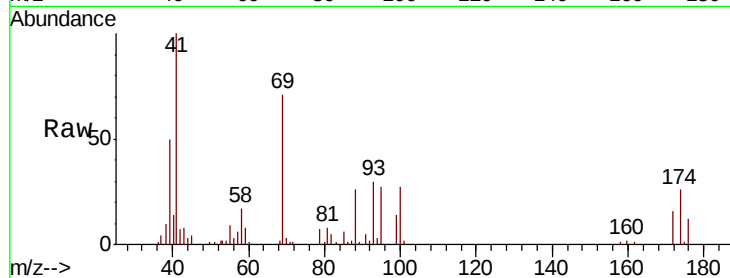




#49
1,4-Dioxane
Concen: 415.205 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

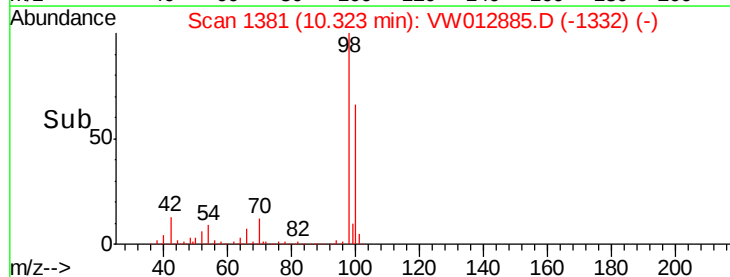
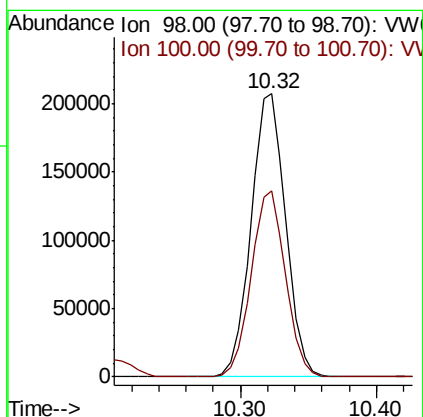
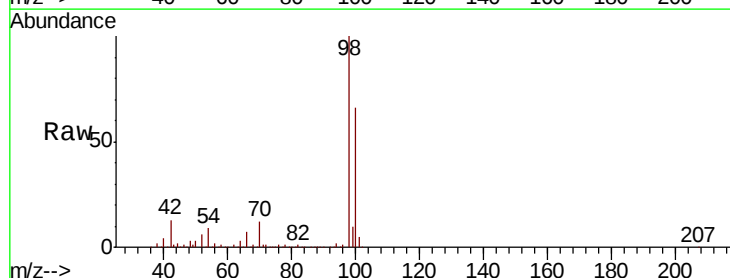
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

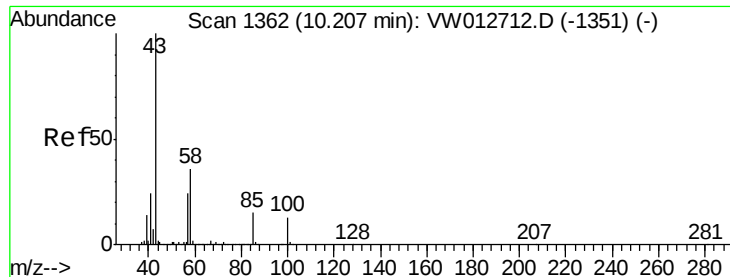
Tgt Ion: 88 Resp: 7871
Ion Ratio Lower Upper
88 100
43 38.2 34.8 52.2
58 77.2 64.1 96.1



#50
Toluene-d8
Concen: 53.455 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 98 Resp: 369051
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

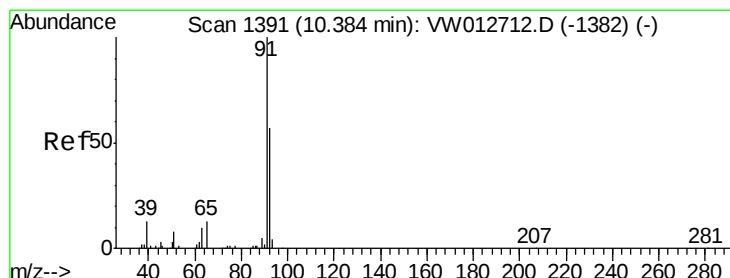
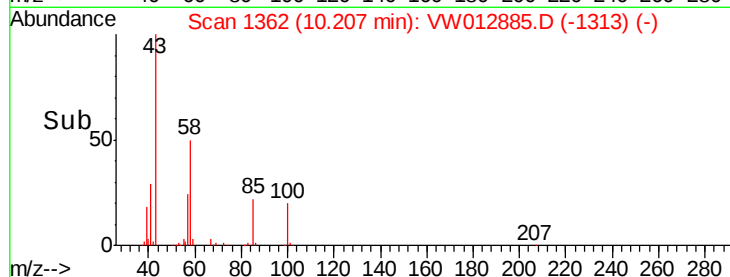
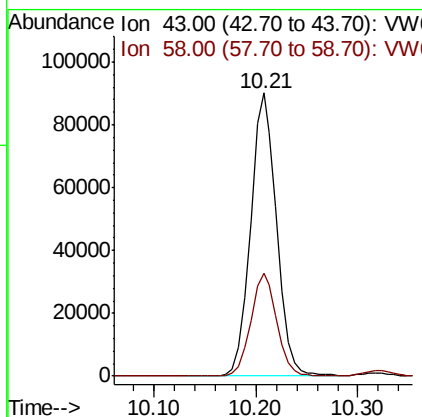
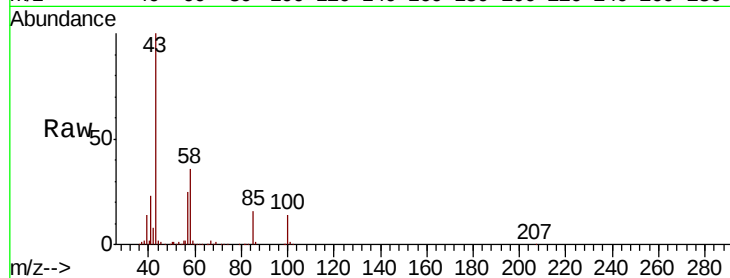




#51
 4-Methyl-2-Pentanone
 Concen: 95.500 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

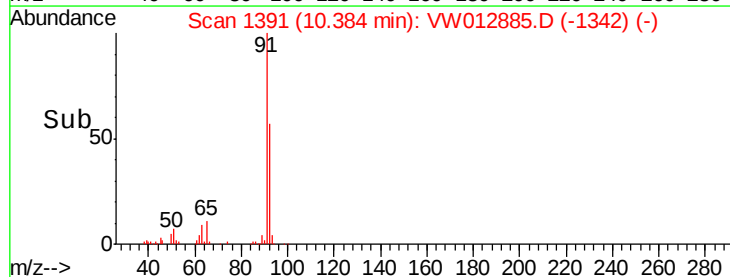
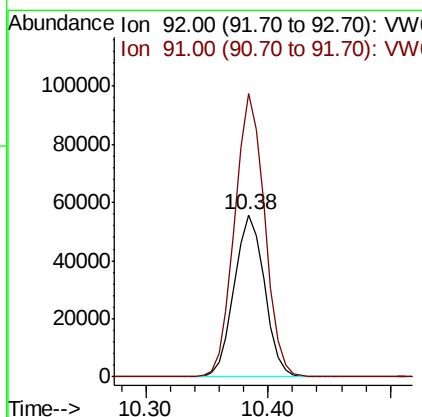
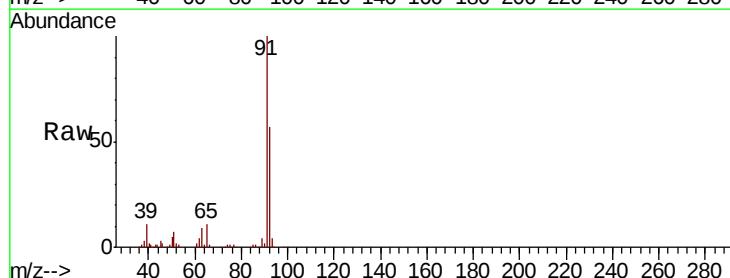
Instrument :
 MSVOA_W
 ClientSampled :
 VW0910SBS02

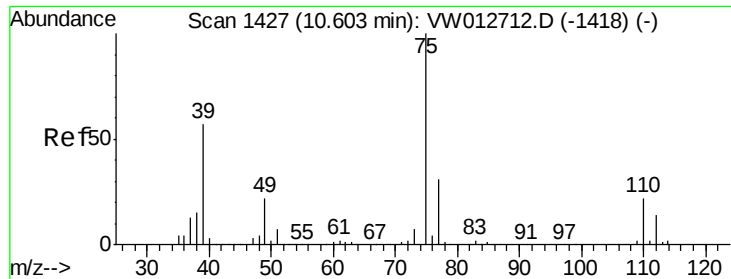
Tgt Ion: 43 Resp: 159394
 Ion Ratio Lower Upper
 43 100
 58 36.4 28.4 42.6



#52
 Toluene
 Concen: 21.006 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion: 92 Resp: 95800
 Ion Ratio Lower Upper
 92 100
 91 172.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.926 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

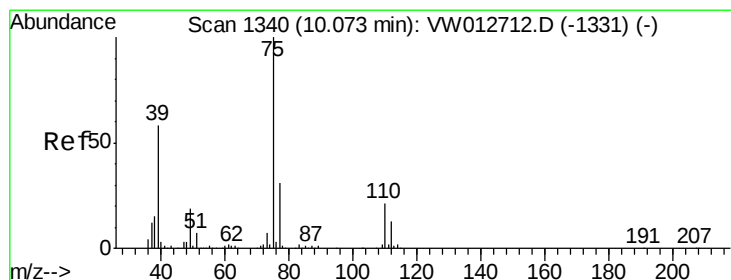
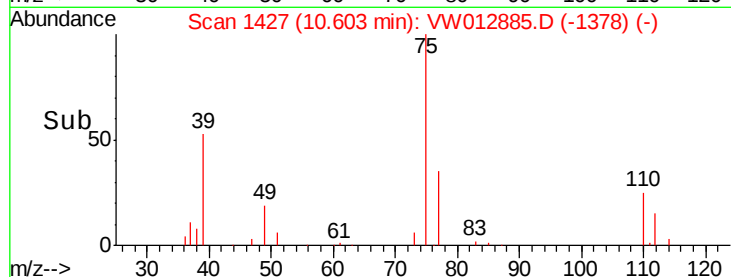
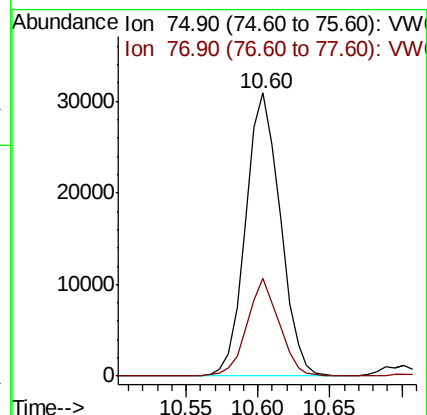
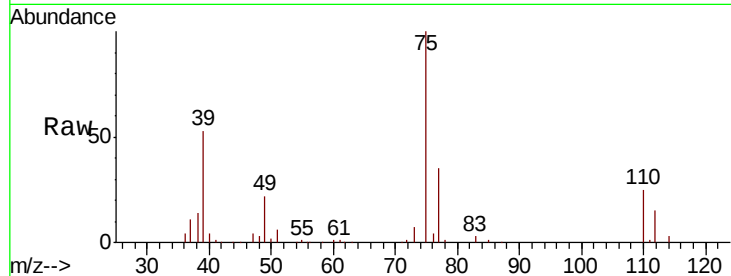
VW0910SBS02

Tgt Ion: 75 Resp: 51384

Ion Ratio Lower Upper

75 100

77 34.8 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 19.660 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

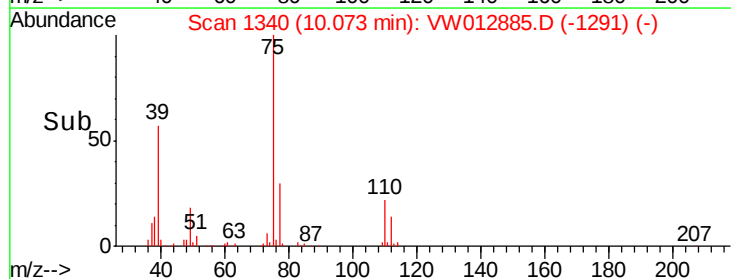
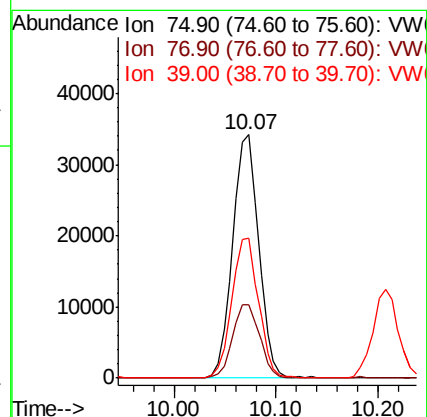
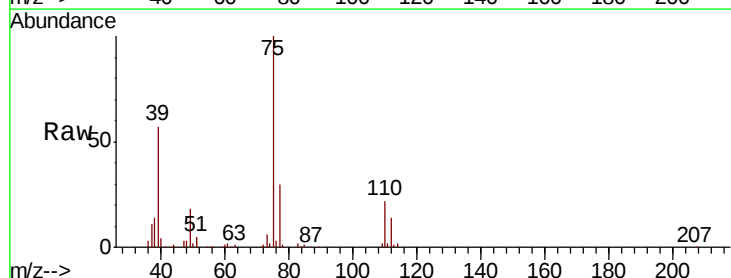
Tgt Ion: 75 Resp: 60552

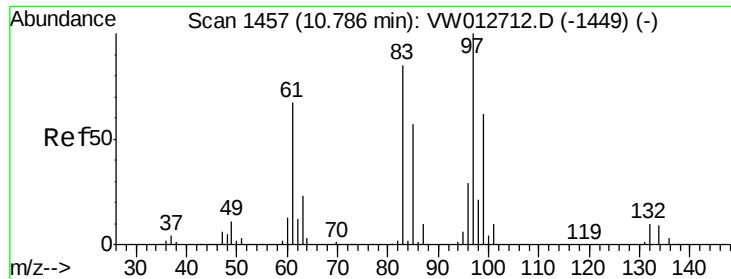
Ion Ratio Lower Upper

75 100

77 30.3 24.6 36.8

39 57.5 46.3 69.5

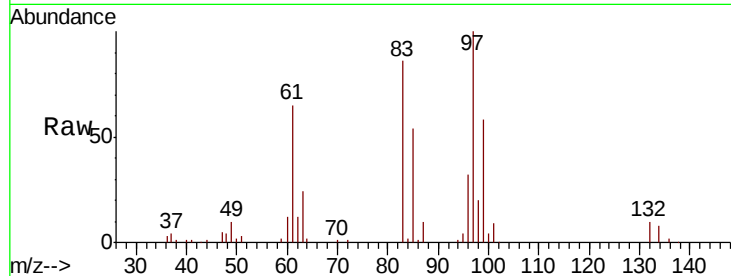




#55
 1,1,2-Trichloroethane
 Concen: 20.999 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

Tgt Ion:	97	Resp:	30171
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.1	102.1
85	54.1	45.3	67.9
99	58.4	50.0	75.0



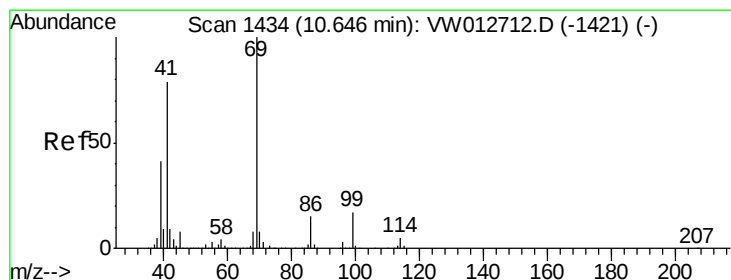
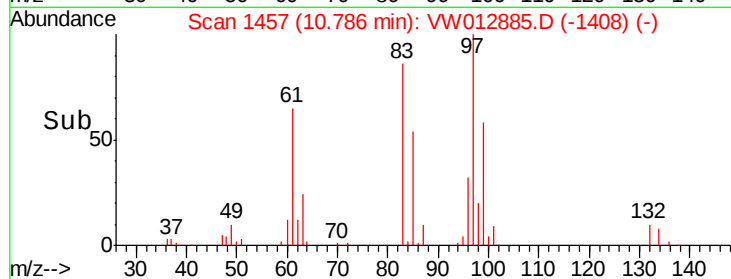
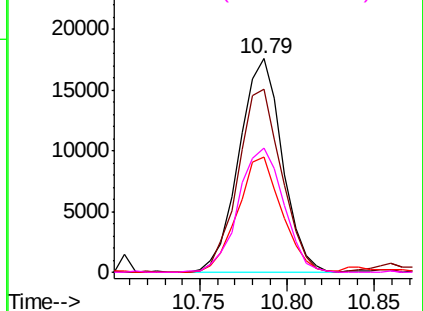
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

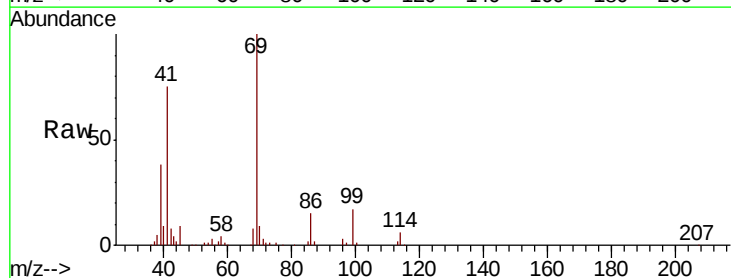
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 20.153 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion:	69	Resp:	42385
Ion	Ratio	Lower	Upper
69	100		
41	77.0	64.4	96.6
39	37.0	31.1	46.7

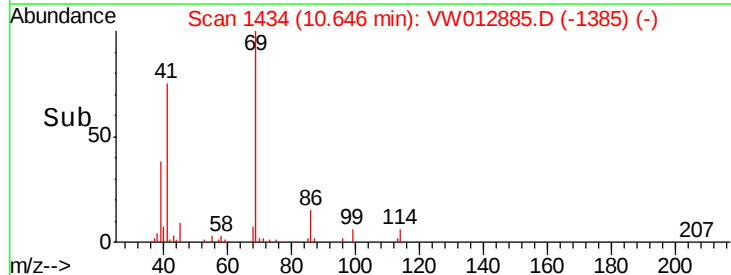
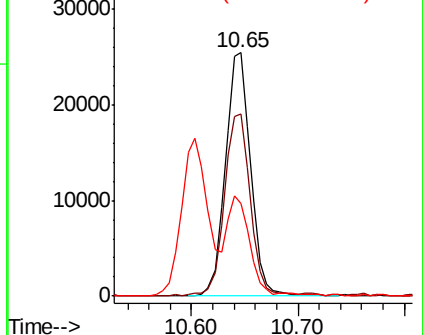


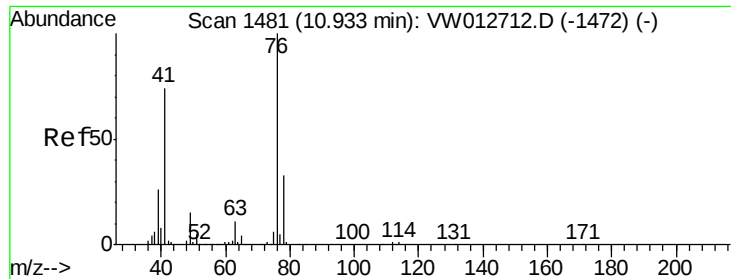
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 20.476 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

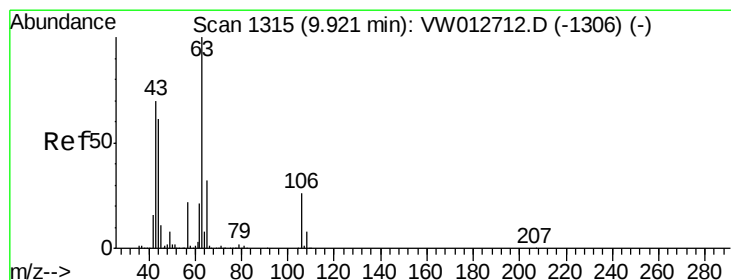
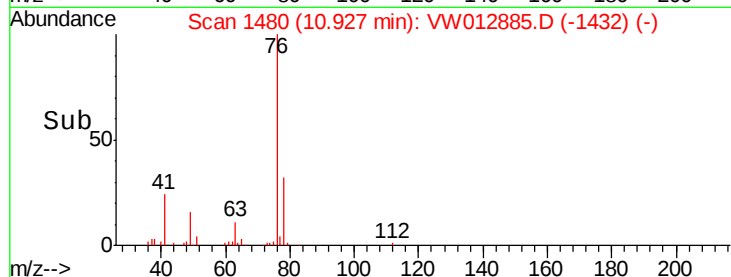
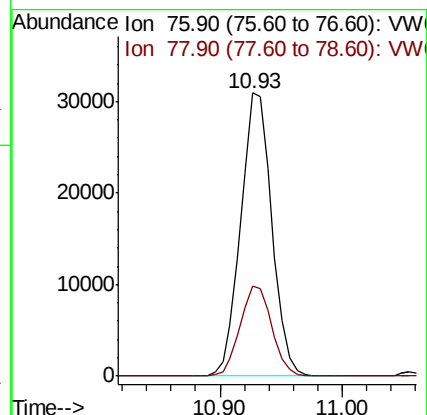
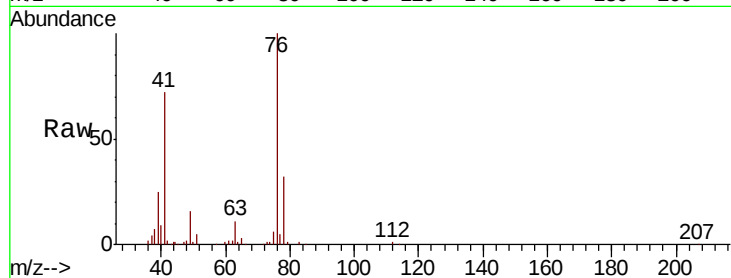
VW0910SBS02

Tgt Ion: 76 Resp: 54427

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.785 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW012885.D

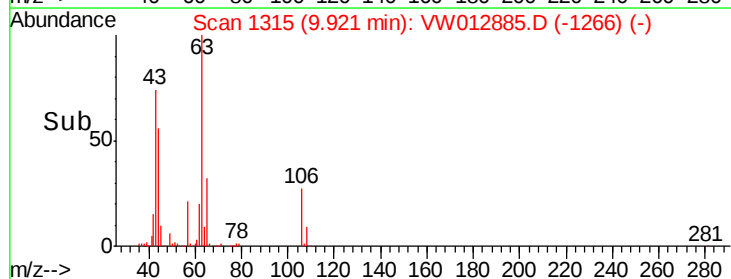
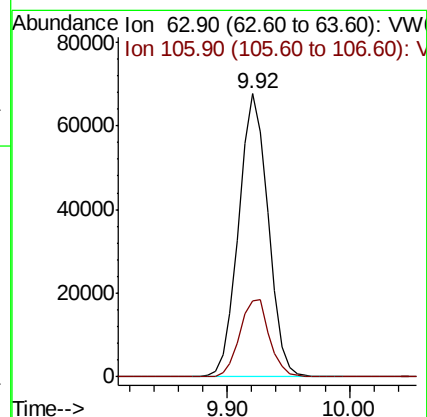
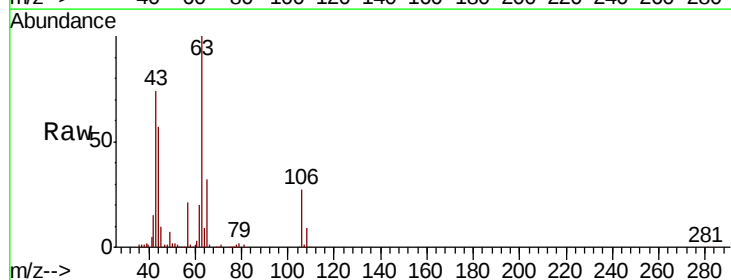
Acq: 10 Sep 2019 23:18

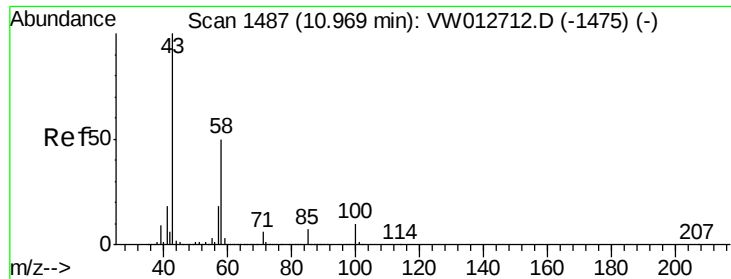
Tgt Ion: 63 Resp: 112530

Ion Ratio Lower Upper

63 100

106 27.6 20.5 30.7

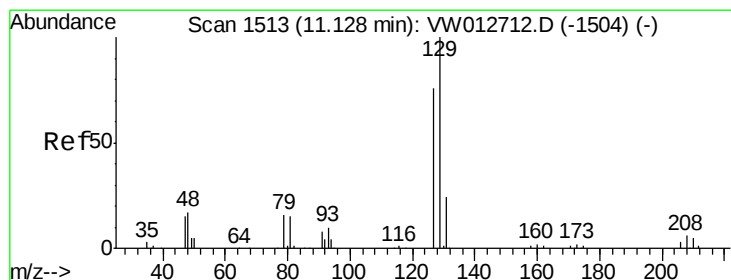
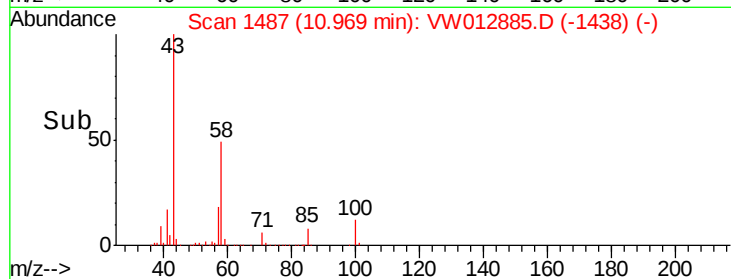
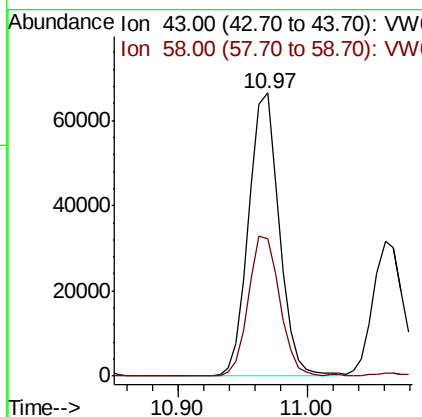
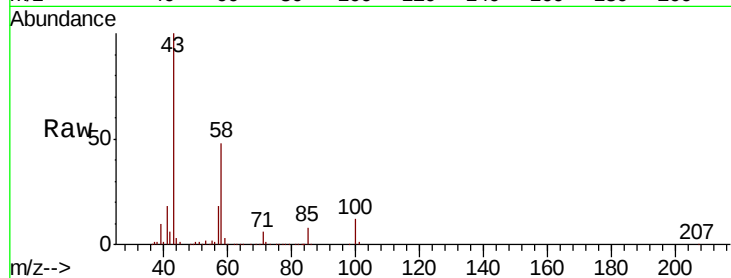




#59
2-Hexanone
Concen: 89.011 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

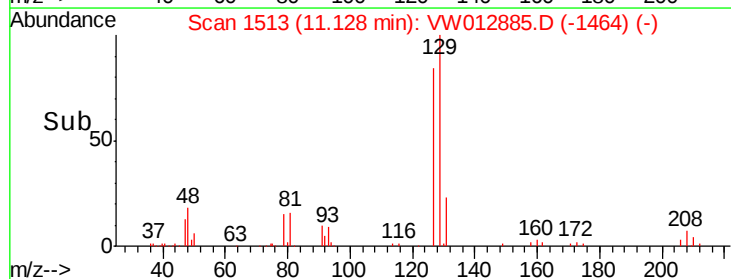
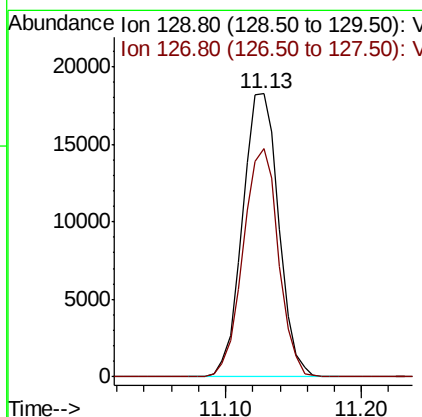
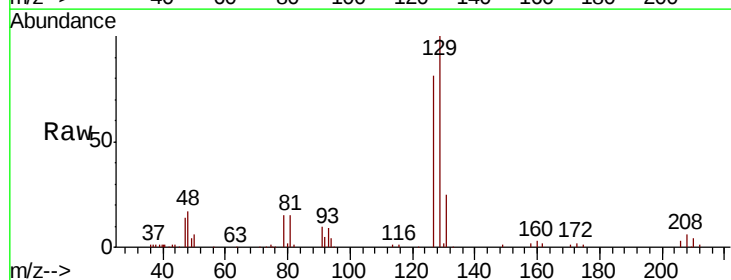
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

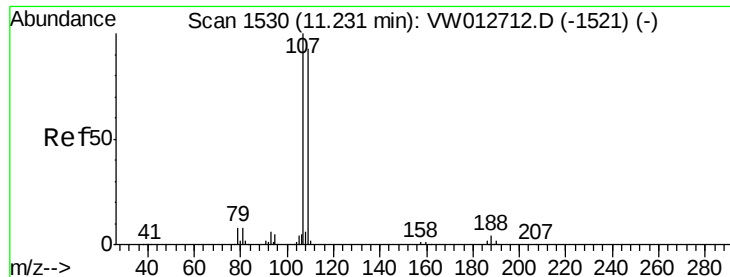
Tgt Ion: 43 Resp: 108538
Ion Ratio Lower Upper
43 100
58 51.0 24.7 74.1



#60
Dibromochloromethane
Concen: 20.148 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 129 Resp: 34046
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.447 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

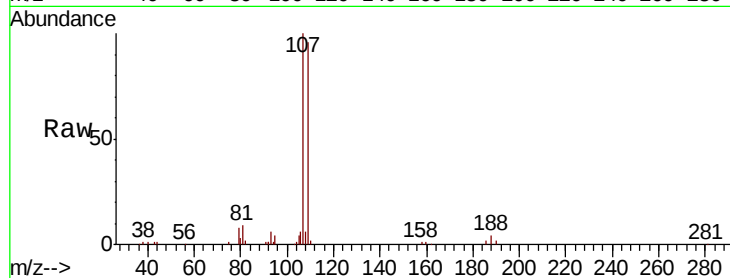
VW0910SBS02

Tgt Ion: 107 Resp: 28251

Ion Ratio Lower Upper

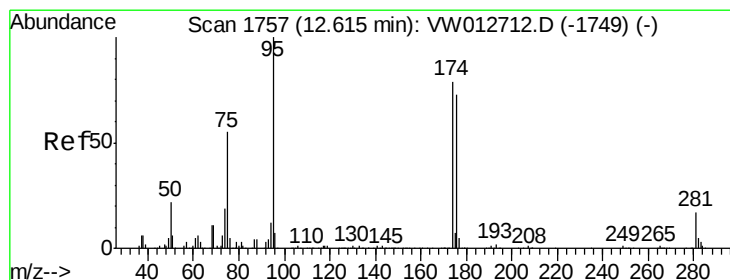
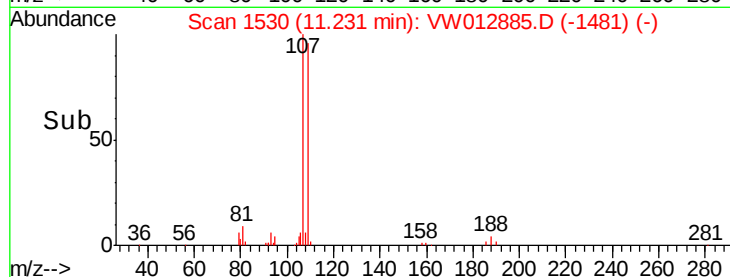
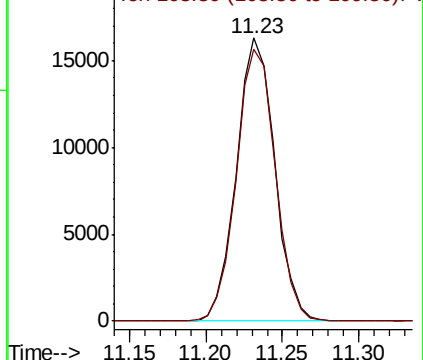
107 100

109 98.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.232 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

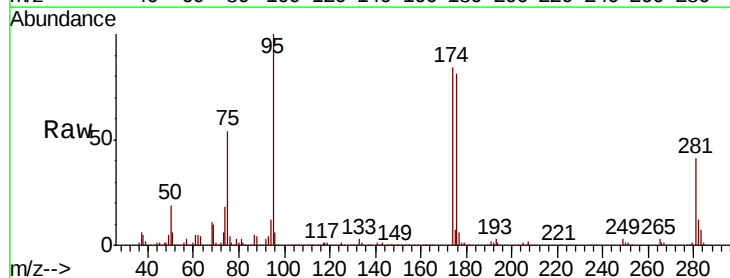
Tgt Ion: 95 Resp: 133420

Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.0

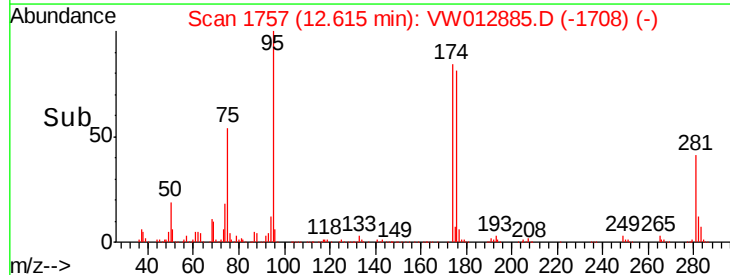
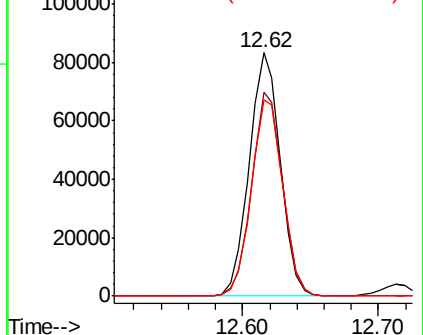
176 82.0 0.0 156.4

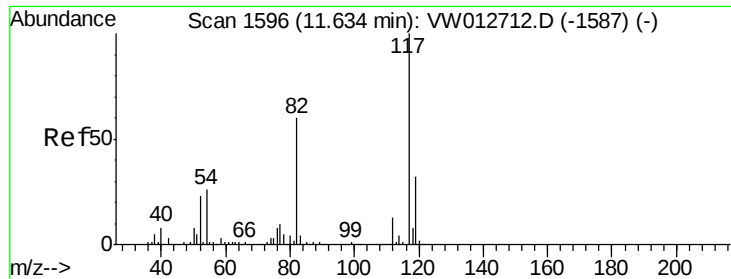


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

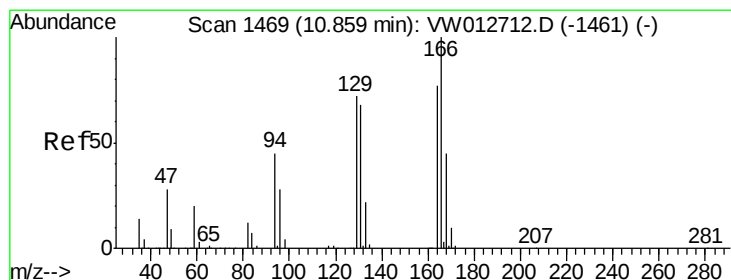
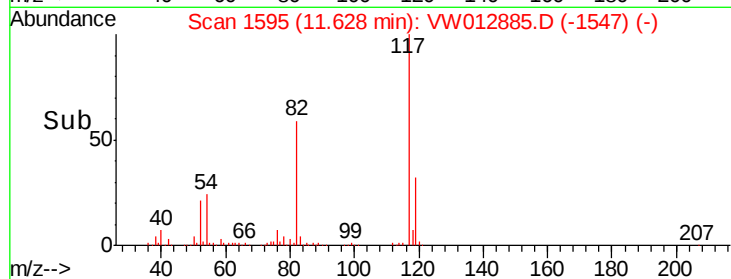
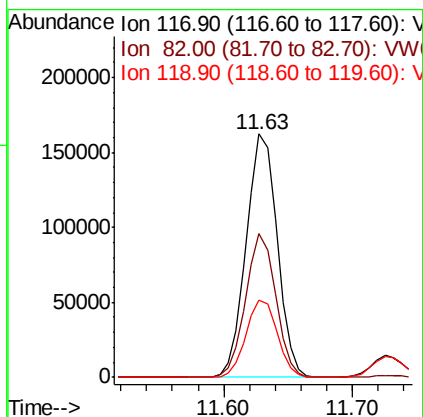
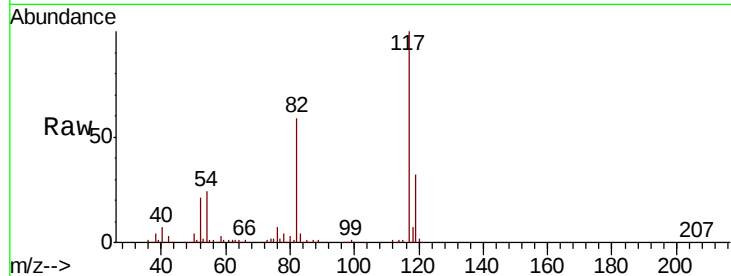




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

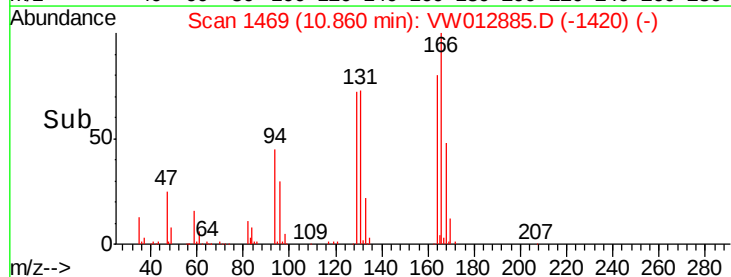
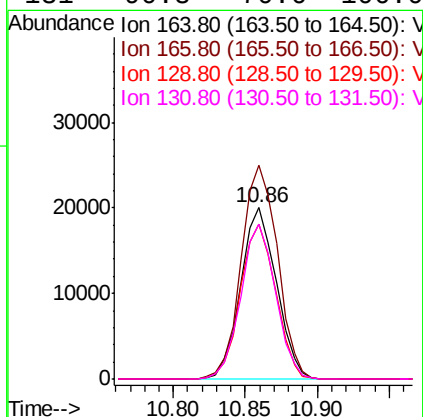
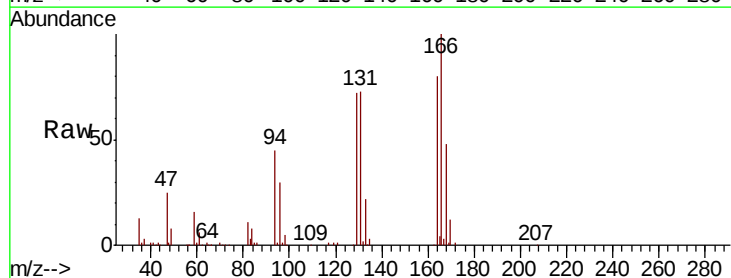
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

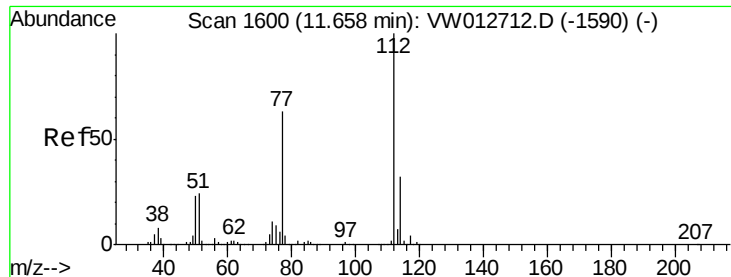
Tgt Ion:117 Resp: 270185
Ion Ratio Lower Upper
117 100
82 59.1 48.2 72.4
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 20.905 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion:164 Resp: 34272
Ion Ratio Lower Upper
164 100
166 124.9 103.6 155.4
129 90.4 74.6 112.0
131 90.8 70.6 106.0





#65

Chlorobenzene

Concen: 19.972 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

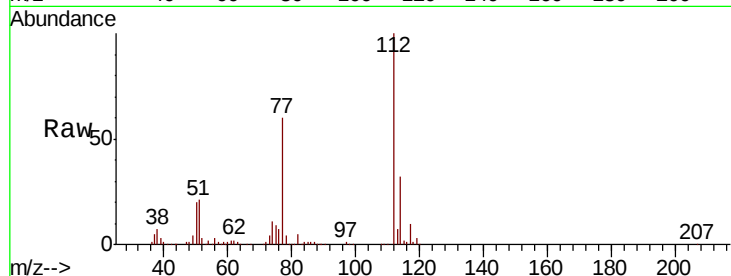
VW0910SBS02

Tgt Ion:112 Resp: 101988

Ion Ratio Lower Upper

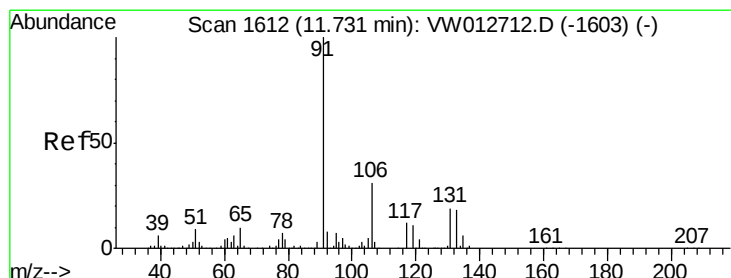
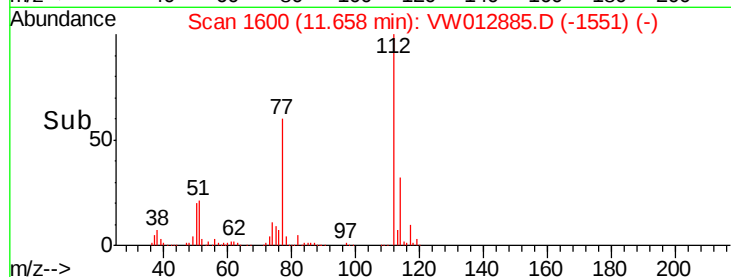
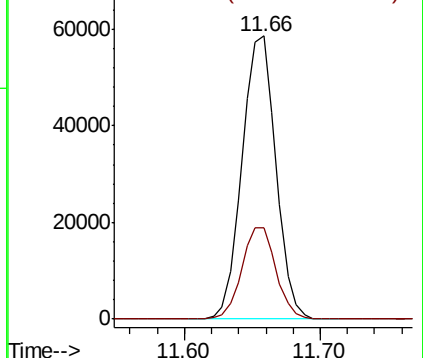
112 100

114 32.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.576 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

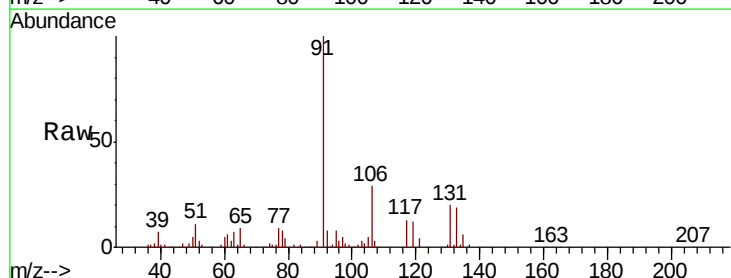
Tgt Ion:131 Resp: 39129

Ion Ratio Lower Upper

131 100

133 94.5 47.6 142.8

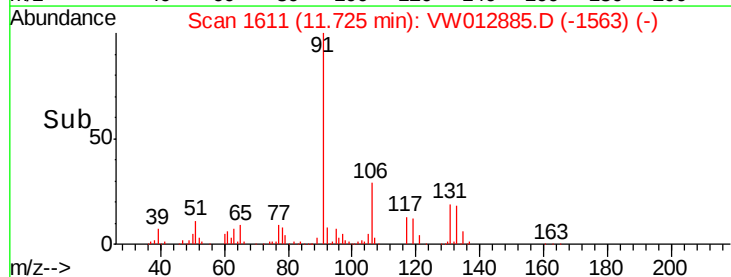
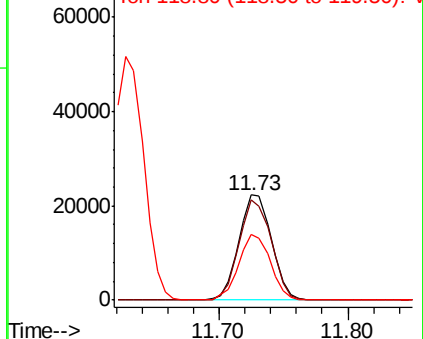
119 61.0 30.6 92.0

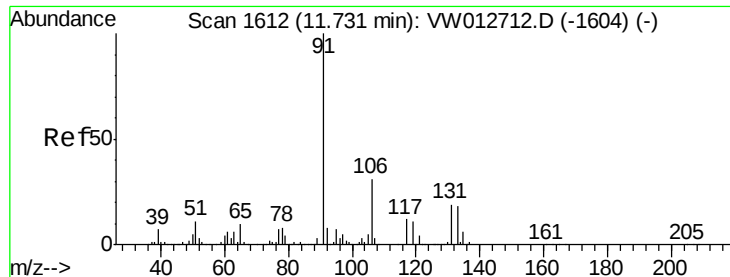


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

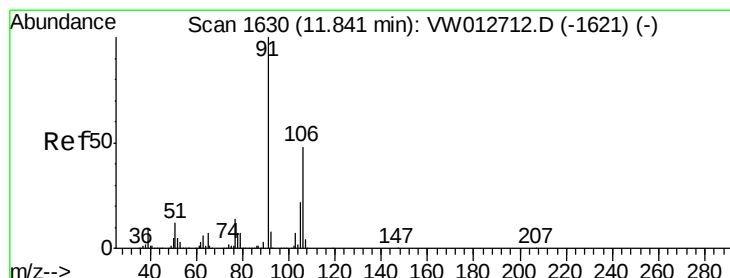
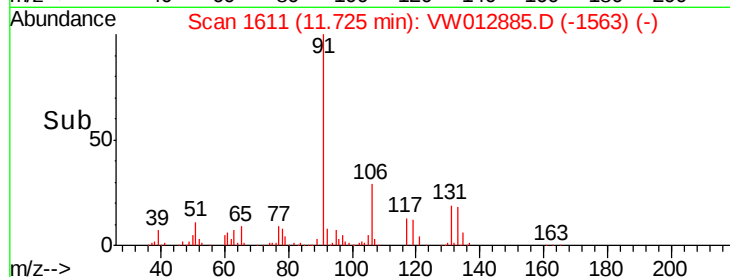
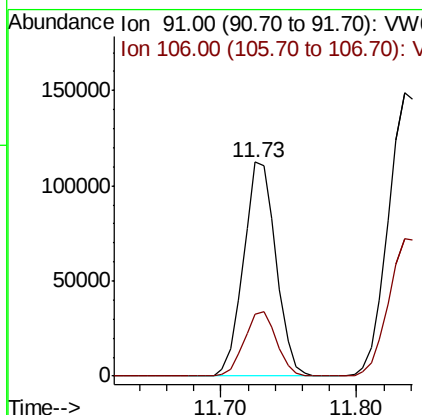
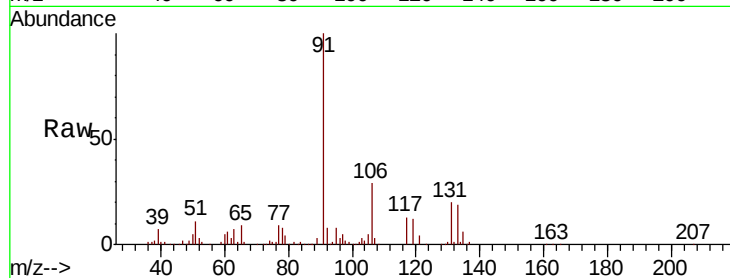




#67
Ethyl Benzene
Concen: 19.566 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

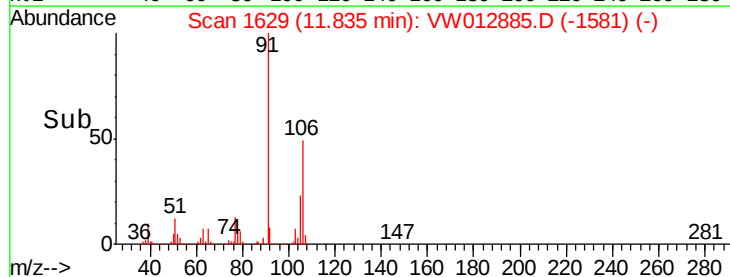
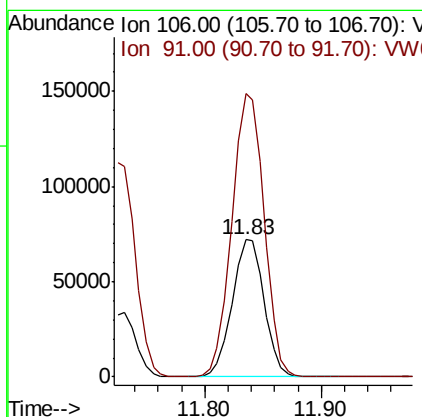
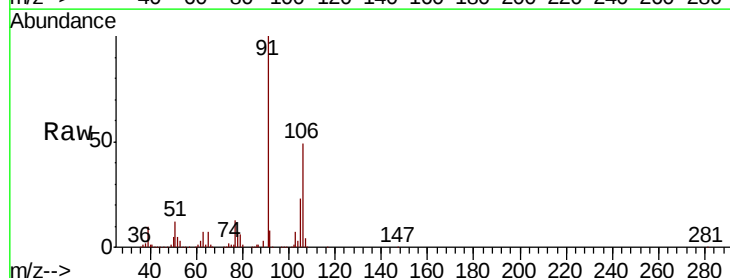
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

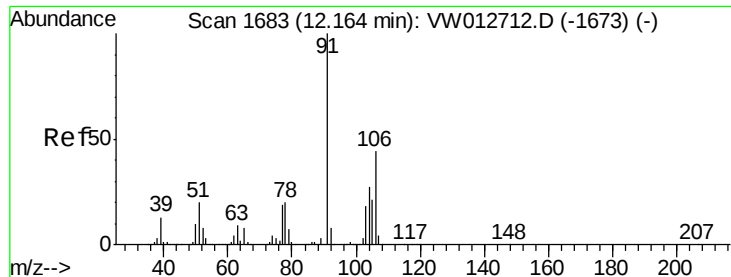
Tgt Ion: 91 Resp: 187469
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6



#68
m/p-Xylenes
Concen: 39.752 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion: 106 Resp: 137477
Ion Ratio Lower Upper
106 100
91 208.8 168.2 252.4

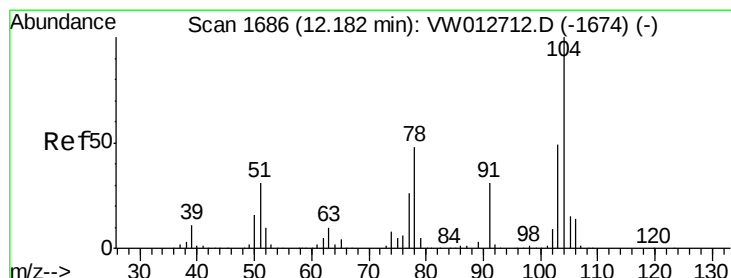
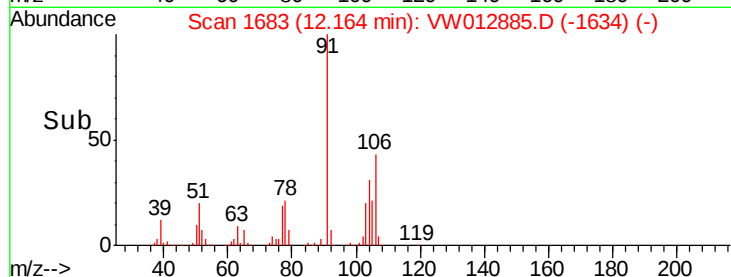
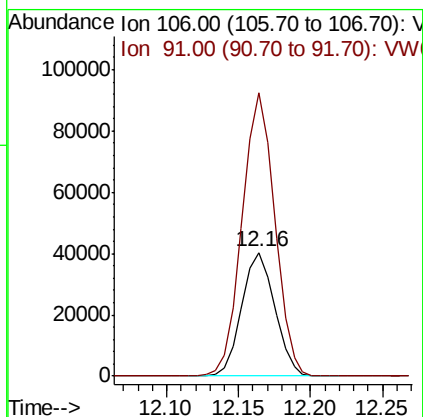
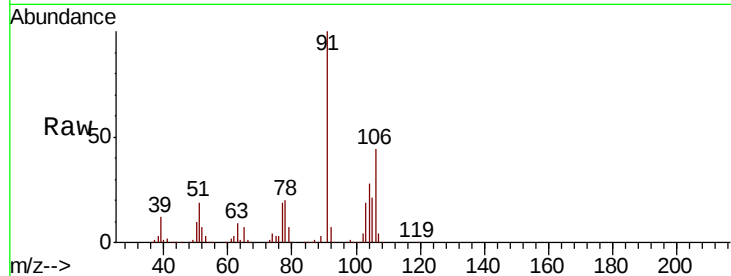




#69
o-Xylene
Concen: 19.751 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

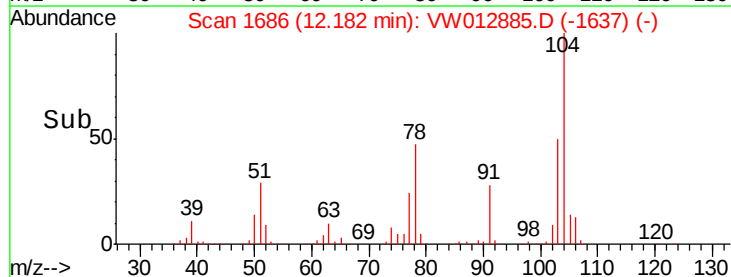
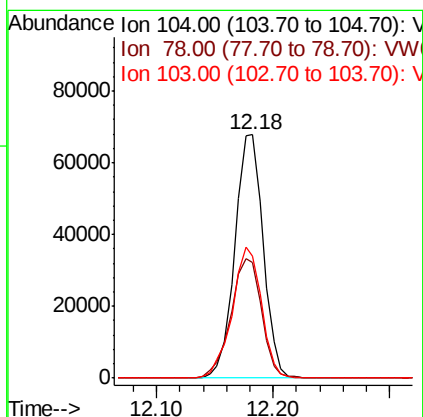
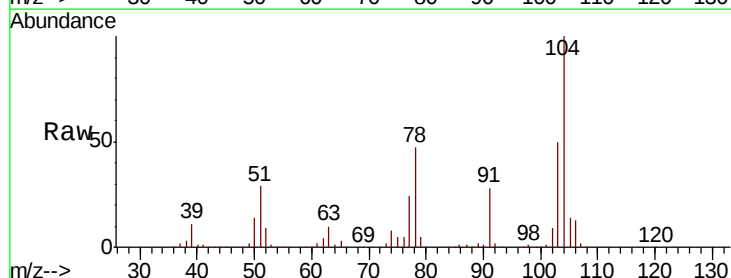
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

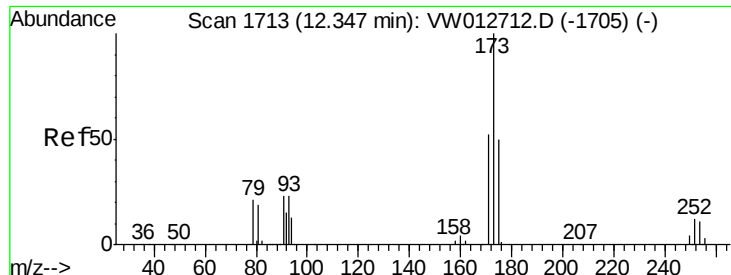
Tgt Ion:106 Resp: 64442
Ion Ratio Lower Upper
106 100
91 225.5 112.3 336.8



#70
Styrene
Concen: 19.993 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion:104 Resp: 115268
Ion Ratio Lower Upper
104 100
78 52.9 43.3 64.9
103 55.6 44.0 66.0

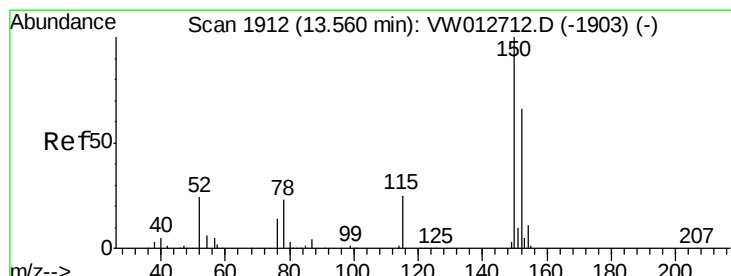
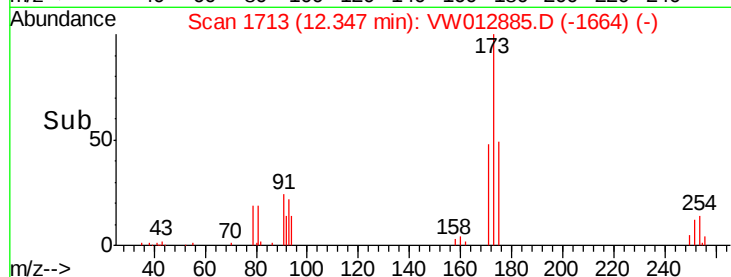
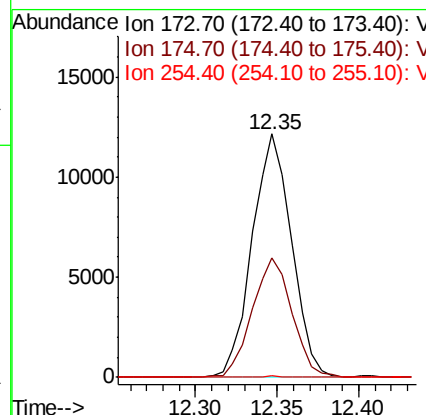
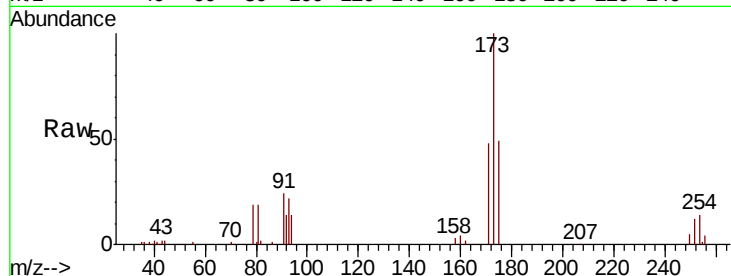




#71
 Bromoform
 Concen: 19.351 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

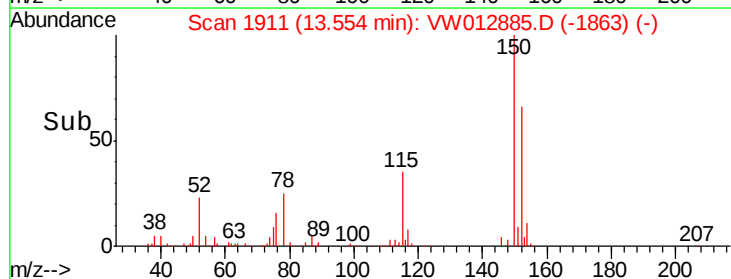
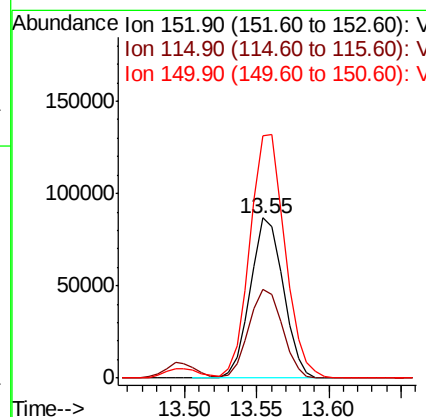
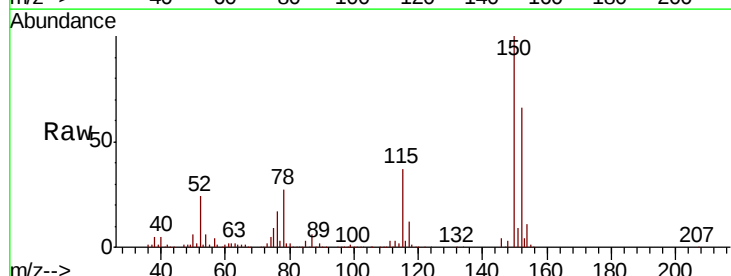
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

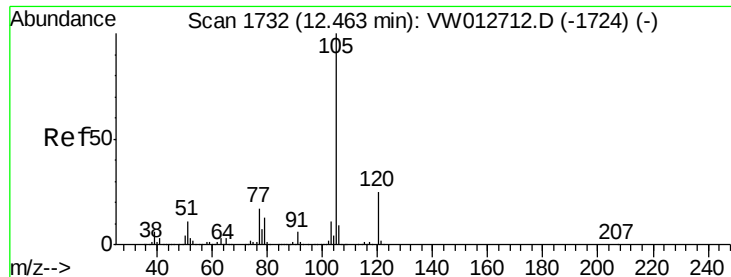
Tgt Ion:173 Resp: 20446
 Ion Ratio Lower Upper
 173 100
 175 49.4 24.8 74.3
 254 0.1 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion:152 Resp: 137897
 Ion Ratio Lower Upper
 152 100
 115 56.5 30.0 90.1
 150 160.5 0.0 349.0





#73

Isopropylbenzene

Concen: 18.708 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

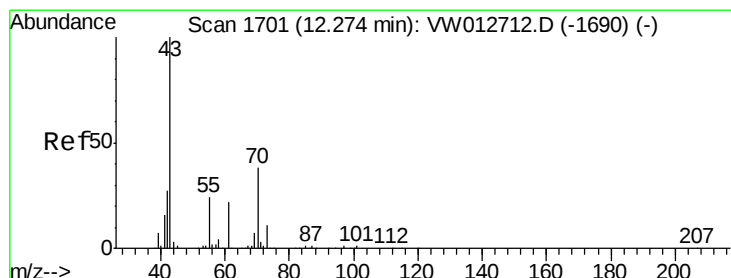
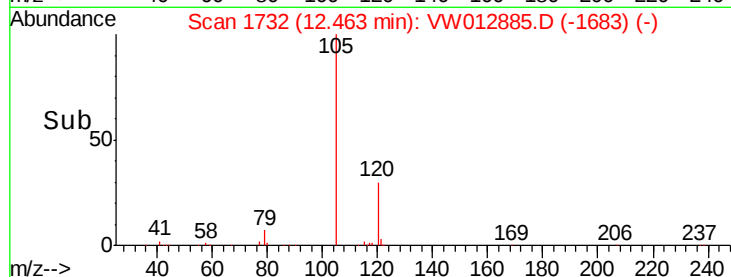
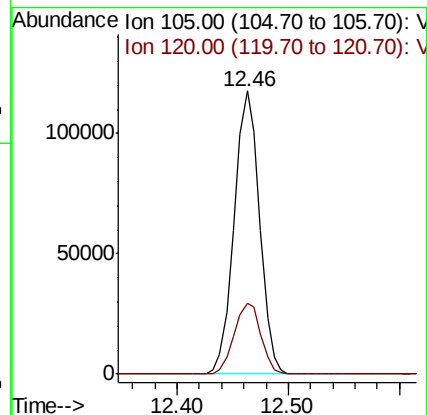
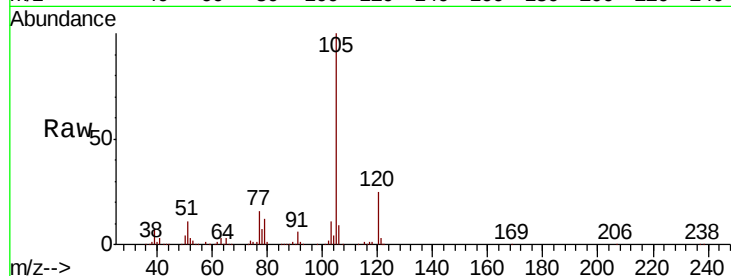
VW0910SBS02

Tgt Ion:105 Resp: 185029

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 16.749 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Tgt Ion: 43 Resp: 52580

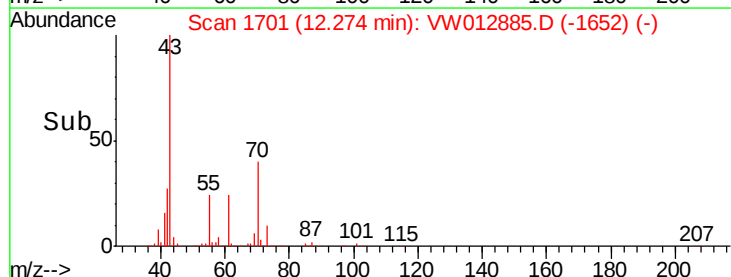
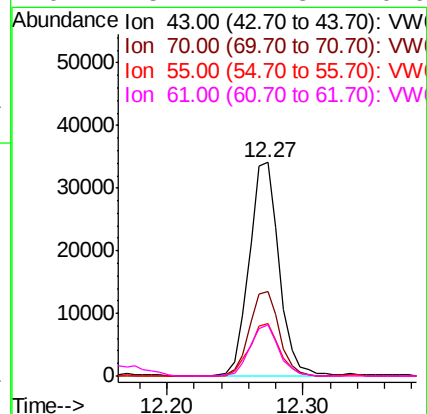
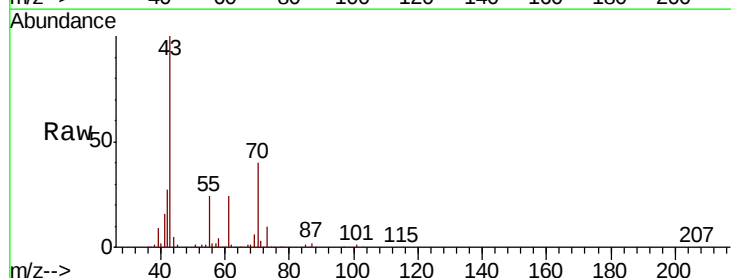
Ion Ratio Lower Upper

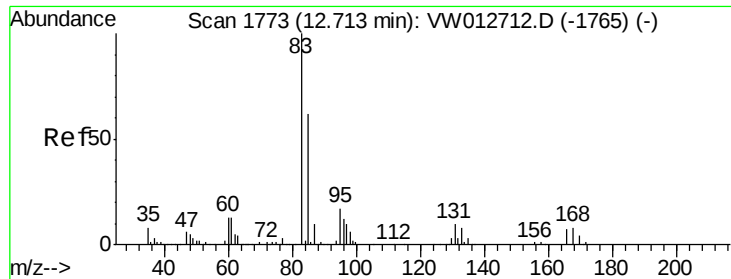
43 100

70 39.4 29.4 44.0

55 24.5 18.6 27.8

61 23.4 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.786 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

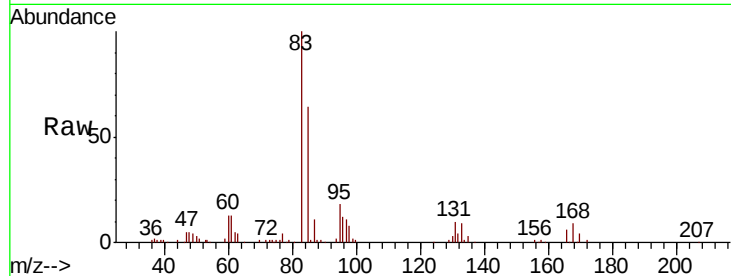
Tgt Ion: 83 Resp: 37315

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

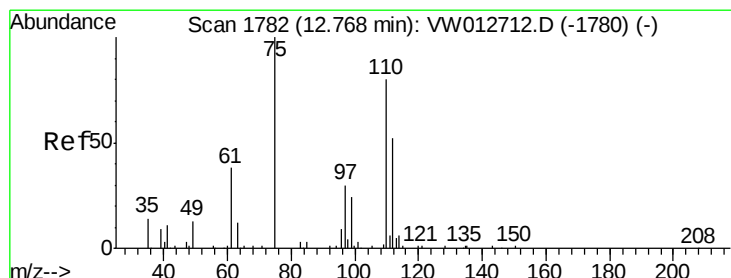
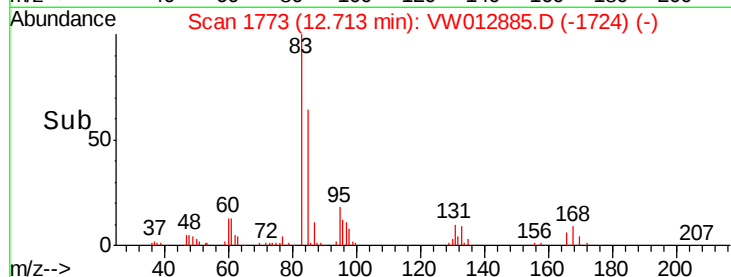
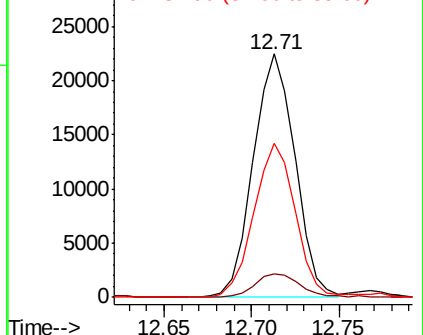
85 62.8 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.560 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012885.D

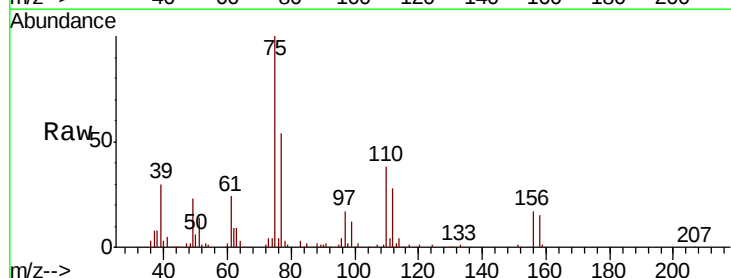
Acq: 10 Sep 2019 23:18

Tgt Ion: 75 Resp: 47322

Ion Ratio Lower Upper

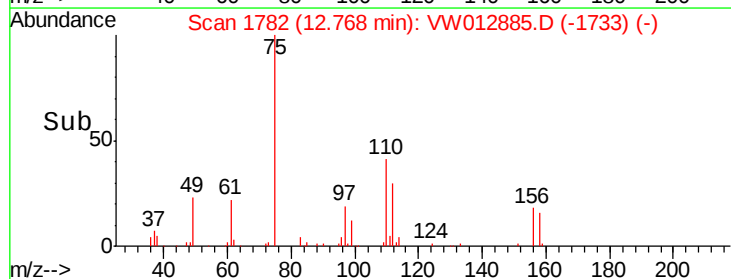
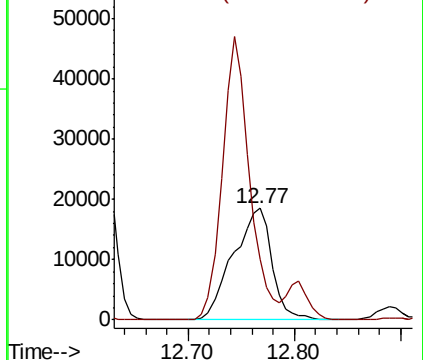
75 100

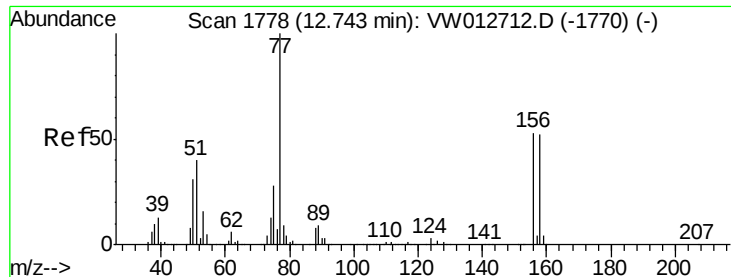
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.101 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

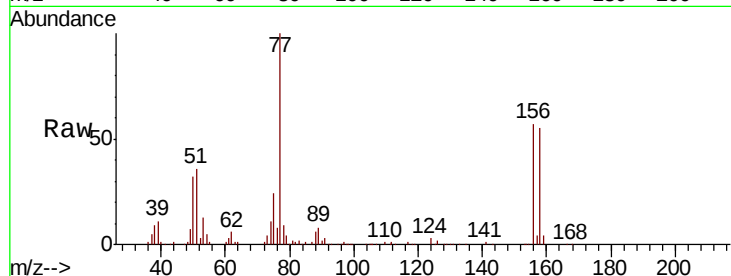
Tgt Ion:156 Resp: 45042

Ion Ratio Lower Upper

156 100

77 186.8 102.3 306.9

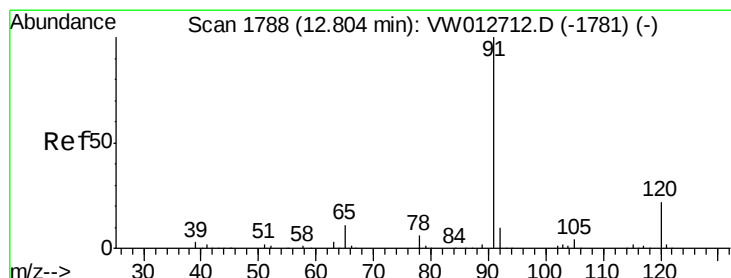
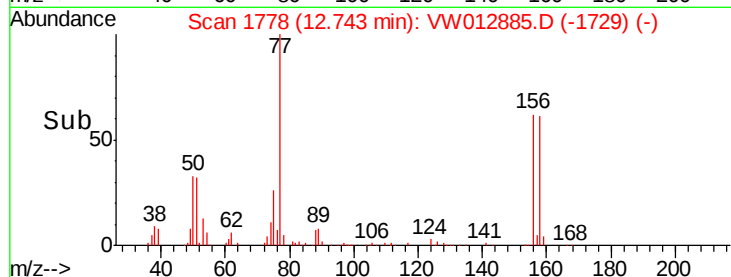
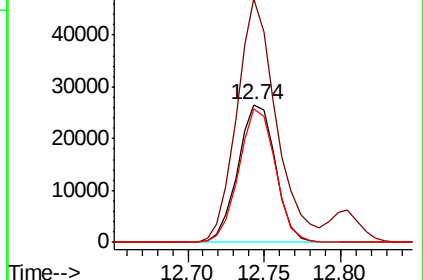
158 95.3 48.9 146.8



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: 18.352 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012885.D

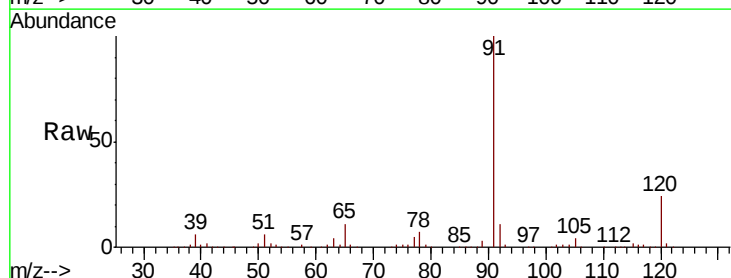
Acq: 10 Sep 2019 23:18

Tgt Ion: 91 Resp: 217083

Ion Ratio Lower Upper

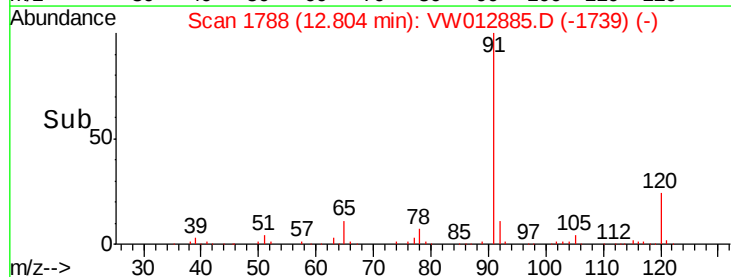
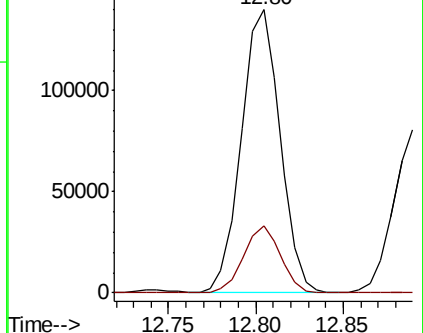
91 100

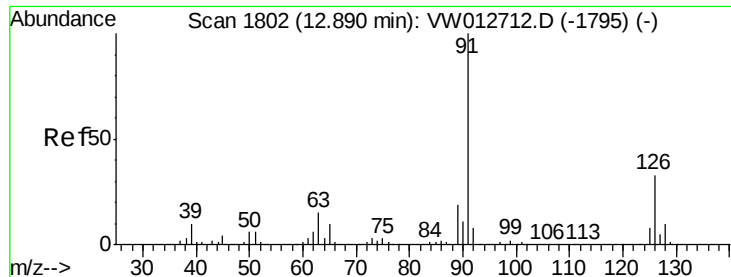
120 22.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.718 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

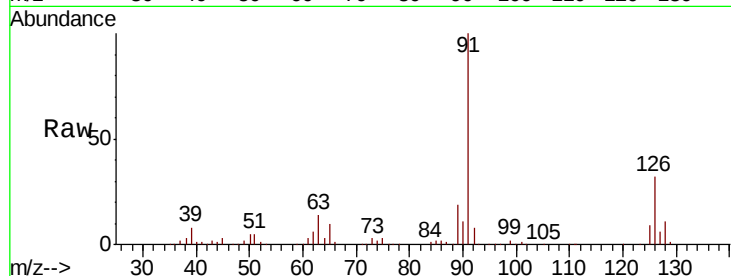
VW0910SBS02

Tgt Ion: 91 Resp: 127109

Ion Ratio Lower Upper

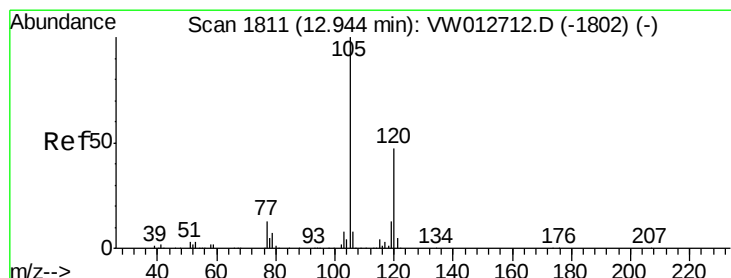
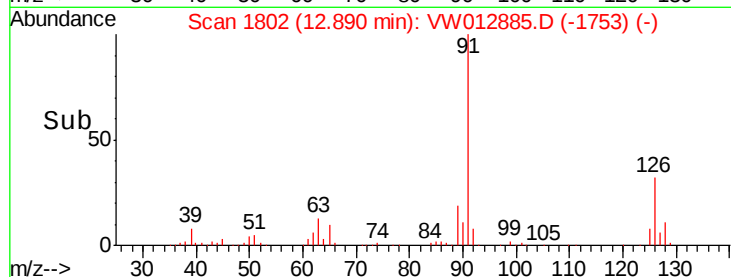
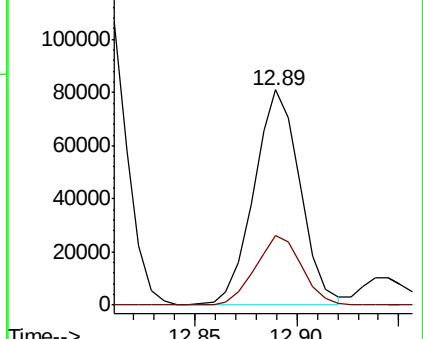
91 100

126 32.7 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: 18.974 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012885.D

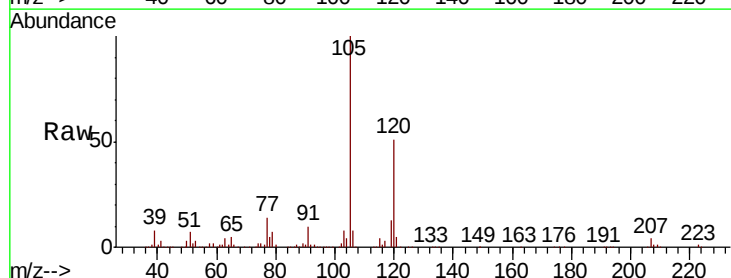
Acq: 10 Sep 2019 23:18

Tgt Ion: 105 Resp: 158130

Ion Ratio Lower Upper

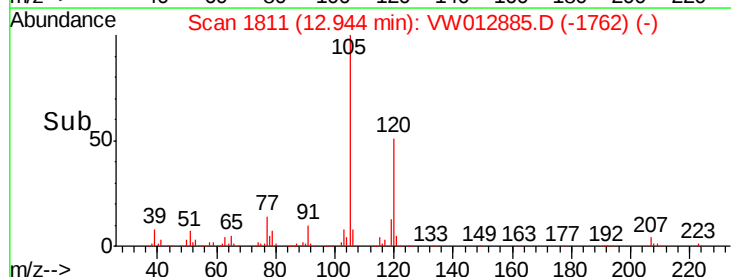
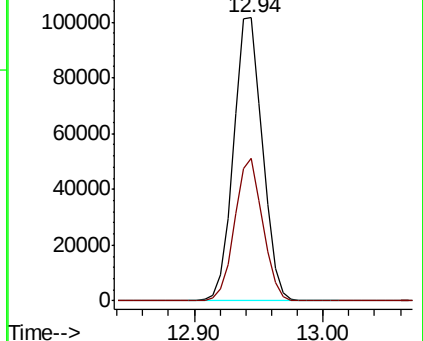
105 100

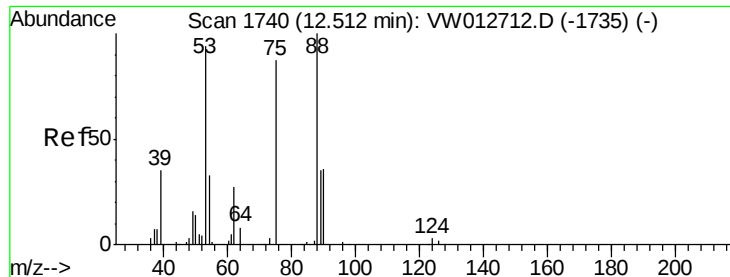
120 49.0 23.9 71.8



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: 15.901 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

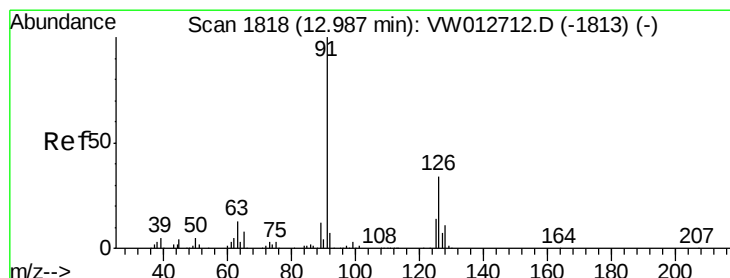
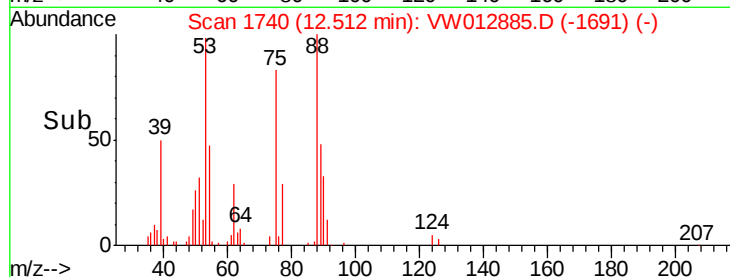
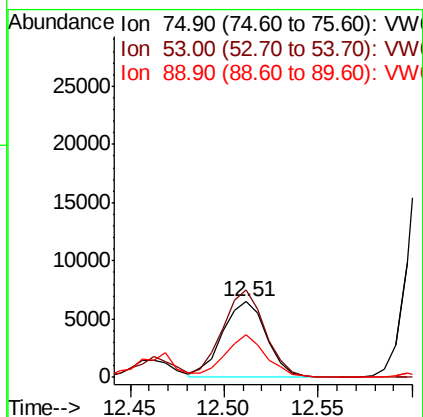
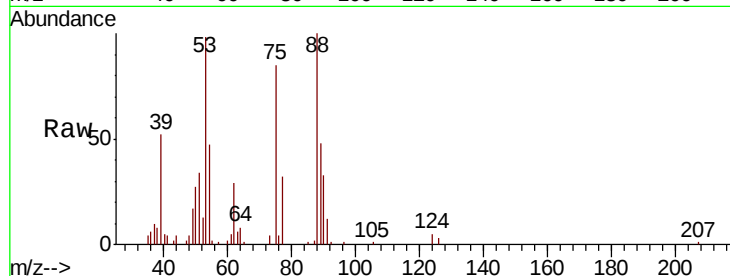
Tgt Ion: 75 Resp: 10601

Ion Ratio Lower Upper

75 100

53 111.4 87.6 131.4

89 51.1 35.5 53.3



#82

4-Chlorotoluene

Concen: 18.836 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012885.D

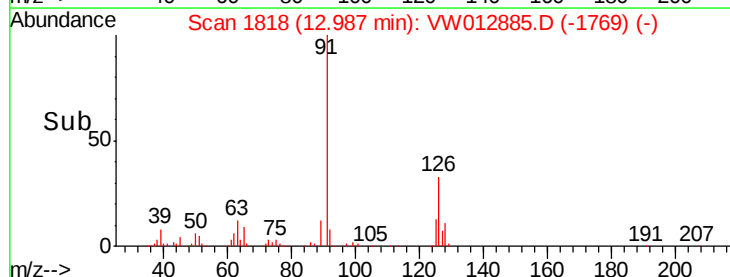
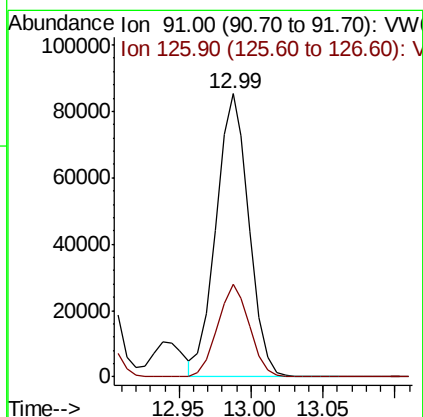
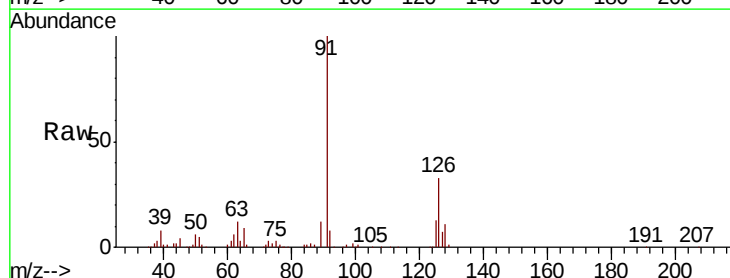
Acq: 10 Sep 2019 23:18

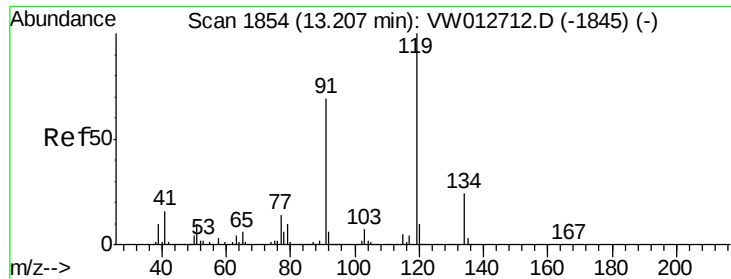
Tgt Ion: 91 Resp: 135299

Ion Ratio Lower Upper

91 100

126 32.1 15.9 47.6

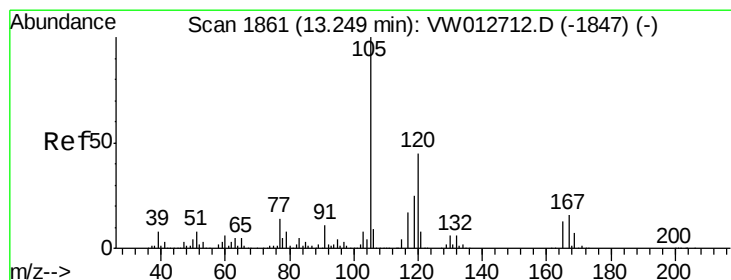
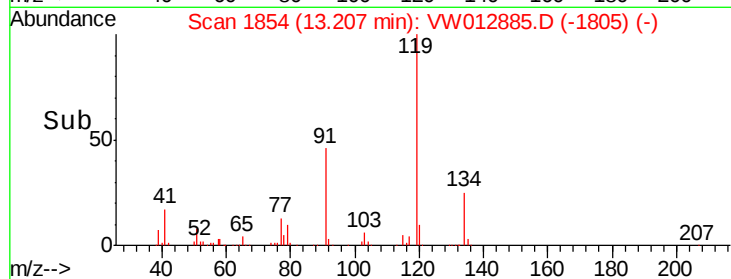
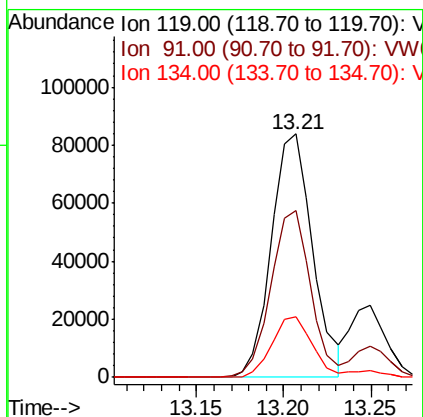
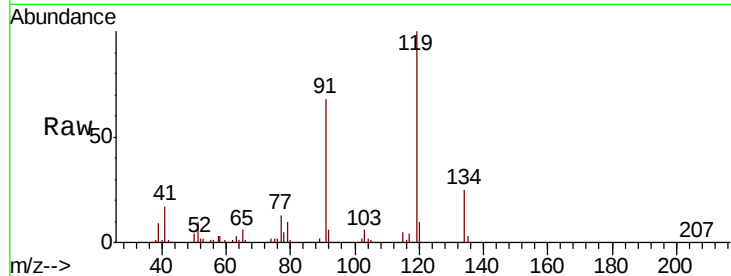




#83
 tert-Butylbenzene
 Concen: 18.763 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

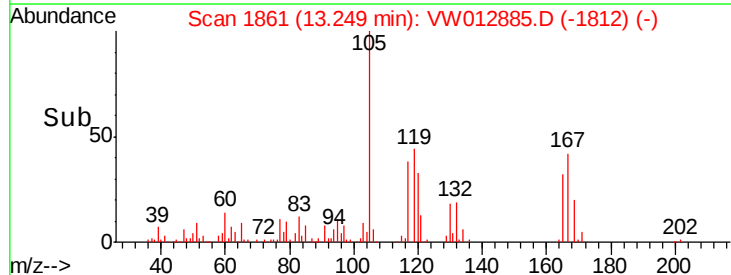
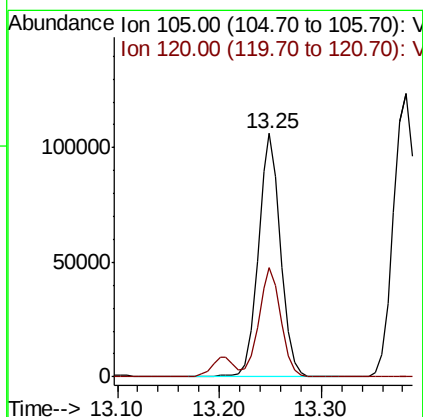
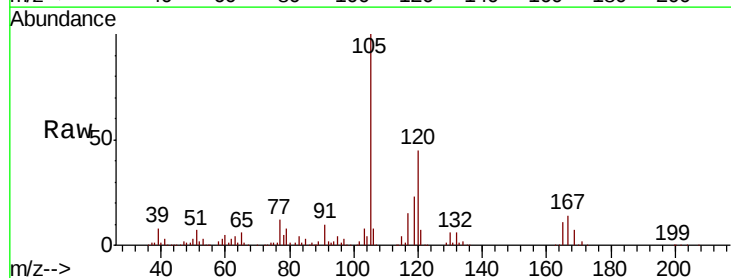
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

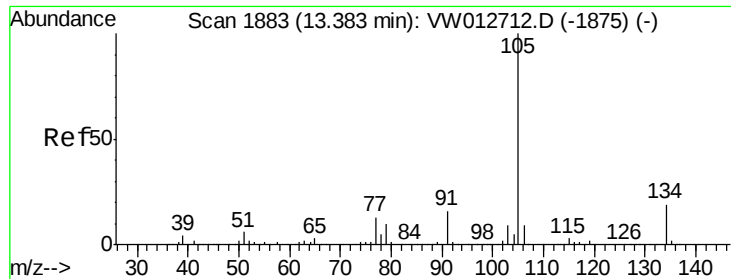
Tgt Ion:119 Resp: 138267
 Ion Ratio Lower Upper
 119 100
 91 65.9 34.2 102.5
 134 24.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.171 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion:105 Resp: 160989
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.3

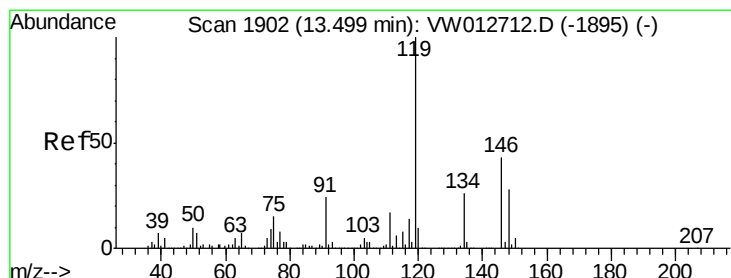
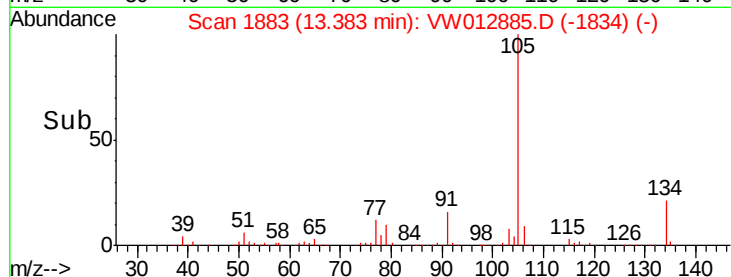
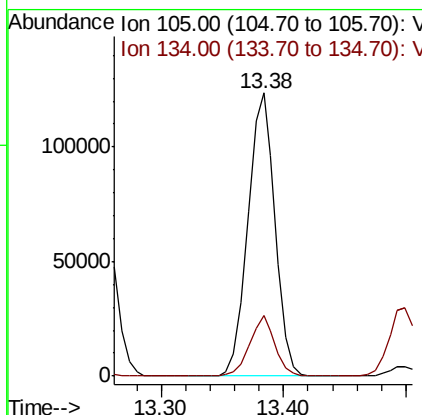
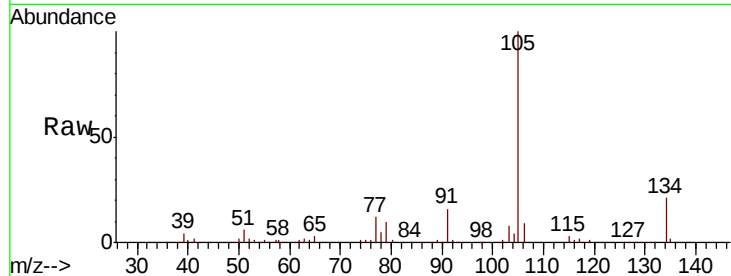




#85
 sec-Butylbenzene
 Concen: 18.556 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

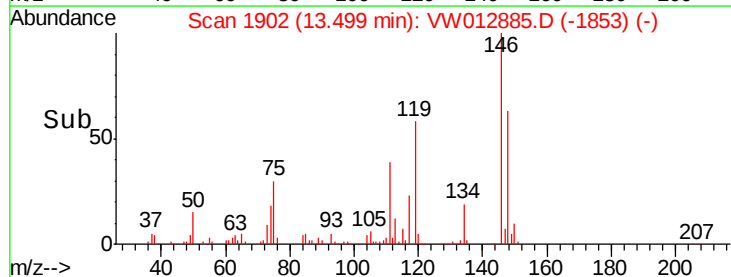
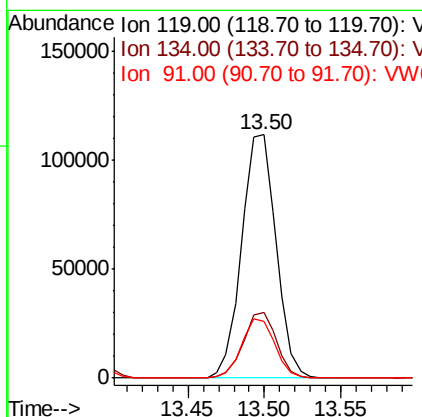
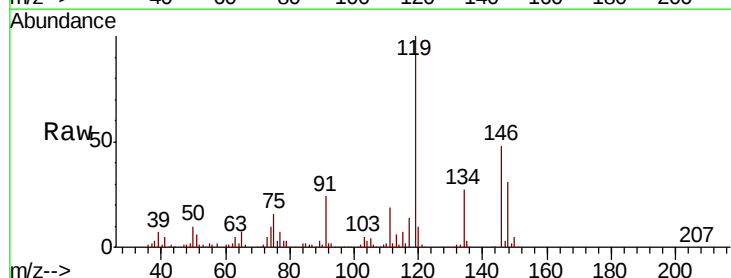
Instrument :
 MSVOA_W
 ClientSampled :
 VW0910SBS02

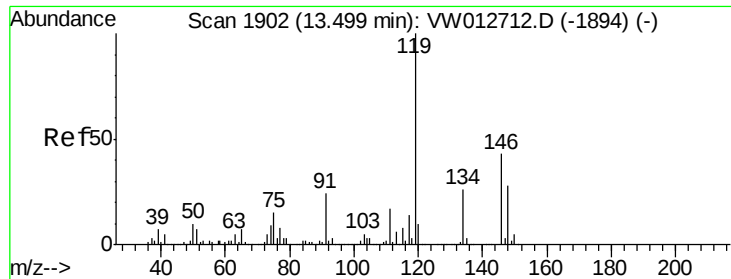
Tgt Ion:105 Resp: 189745
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.726 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion:119 Resp: 174901
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.1
 91 23.8 12.2 36.6

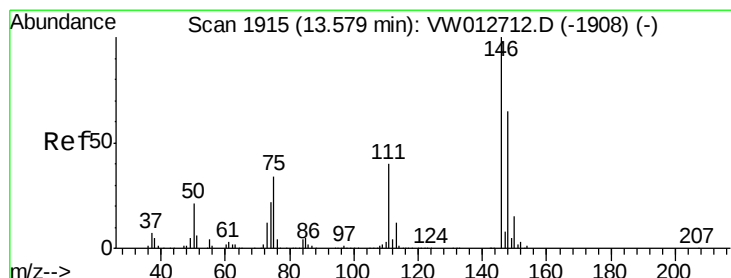
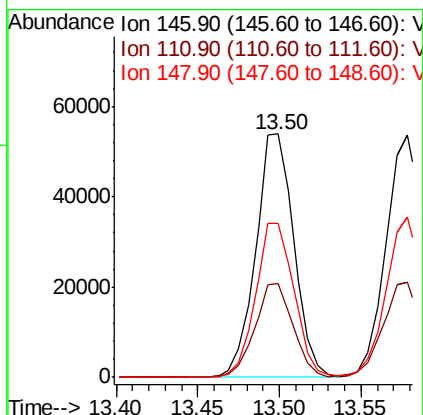
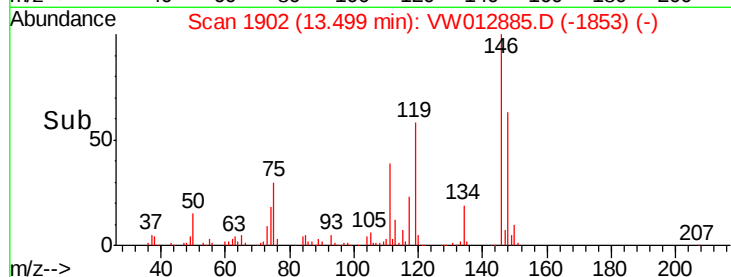
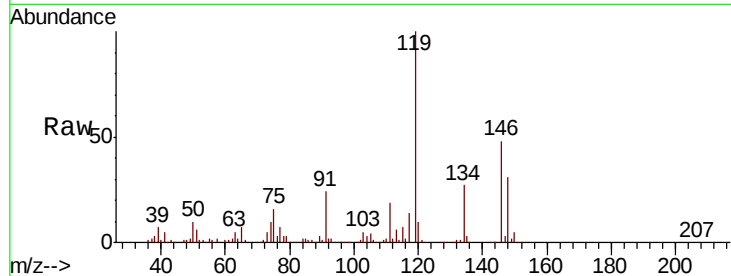




#87
 1,3-Dichlorobenzene
 Concen: 19.882 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

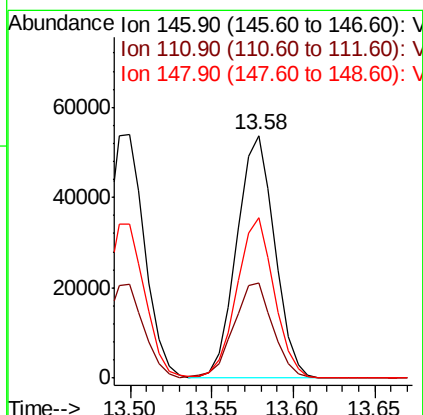
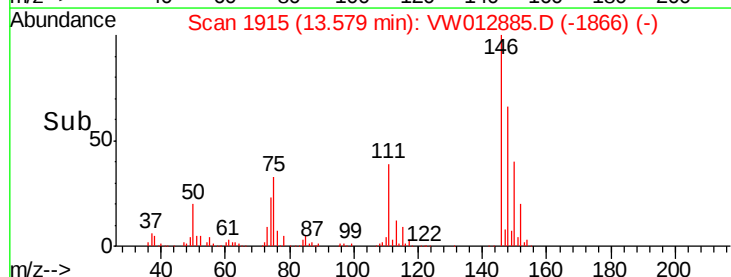
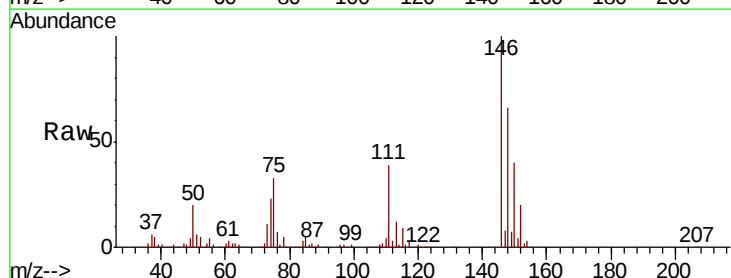
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

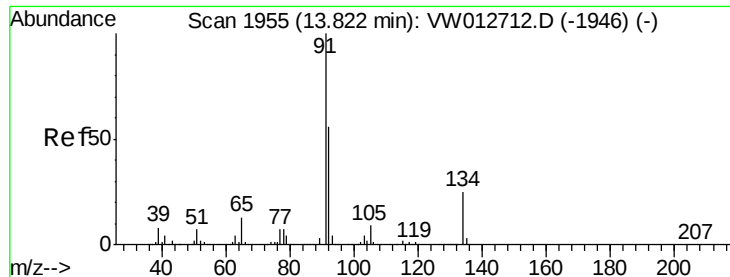
Tgt Ion:146 Resp: 87566
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.4 61.2
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.842 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion:146 Resp: 86959
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 60.0
 148 65.1 32.2 96.6





#89

n-Butylbenzene

Concen: 17.738 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

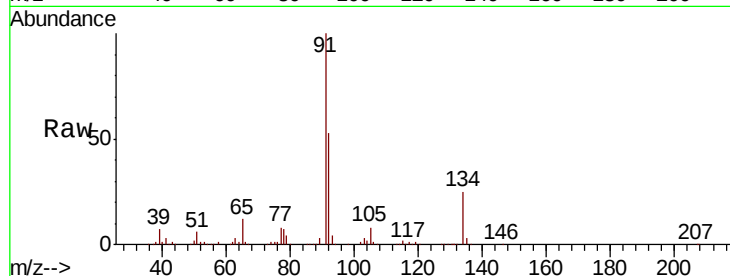
Tgt Ion: 91 Resp: 160842

Ion Ratio Lower Upper

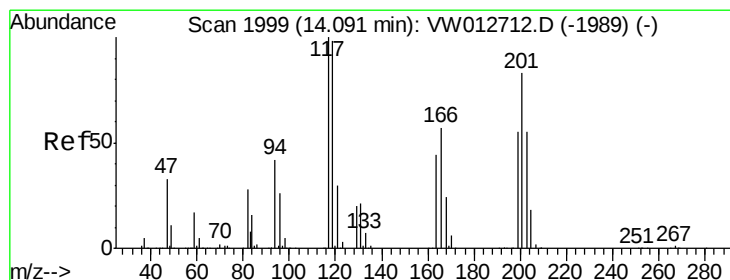
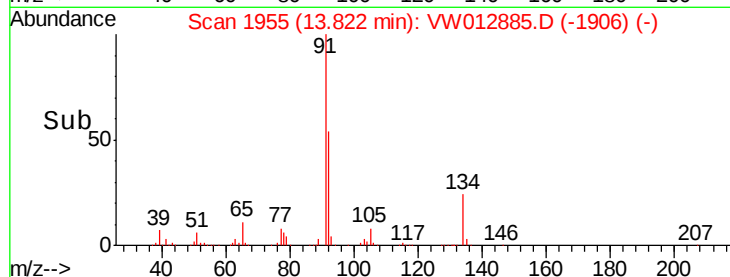
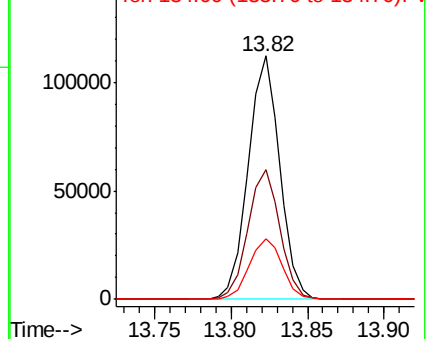
91 100

92 54.0 27.2 81.5

134 26.0 12.7 38.1



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



#90

Hexachloroethane

Concen: 18.050 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012885.D

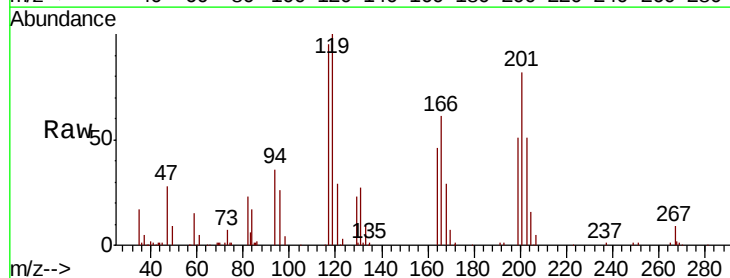
Acq: 10 Sep 2019 23:18

Tgt Ion: 117 Resp: 29432

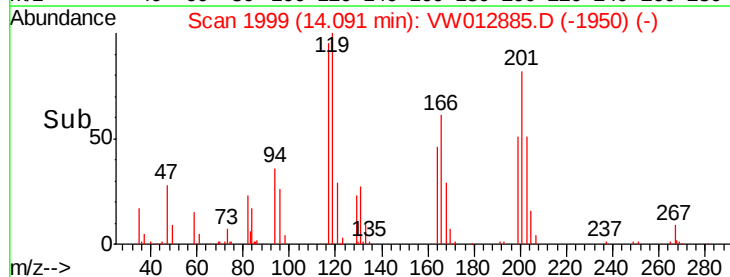
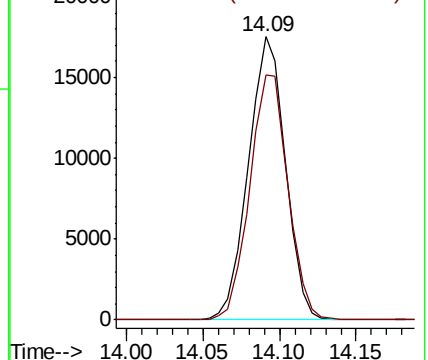
Ion Ratio Lower Upper

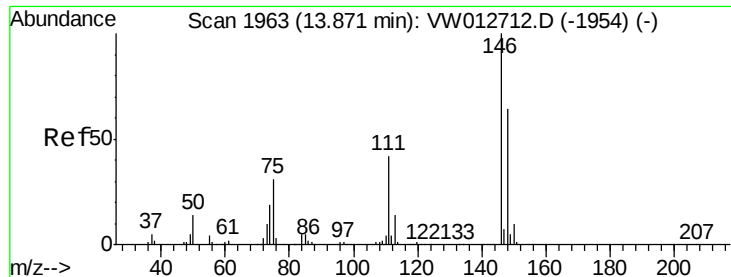
117 100

201 89.4 42.8 128.4



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





#91

1,2-Dichlorobenzene

Concen: 19.894 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS02

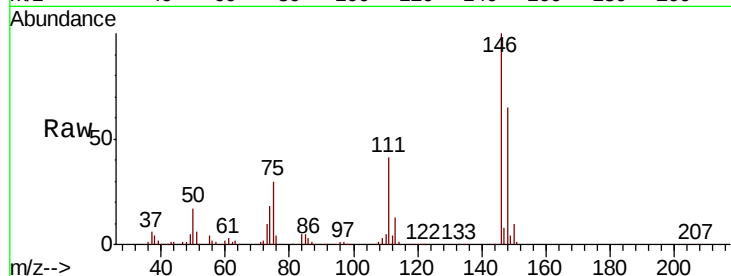
Tgt Ion:146 Resp: 78862

Ion Ratio Lower Upper

146 100

111 40.9 21.3 63.9

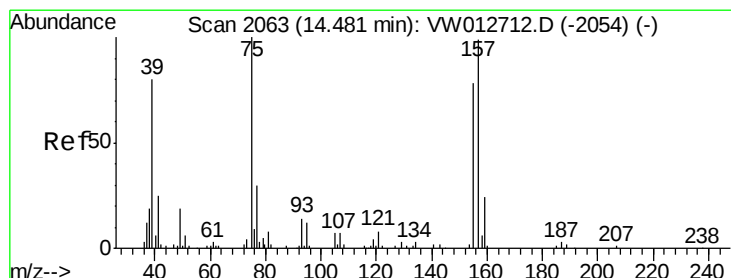
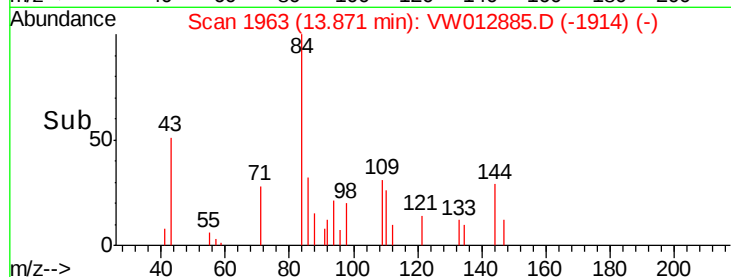
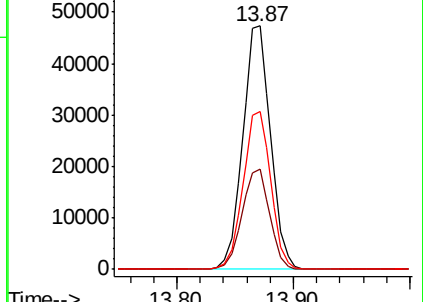
148 64.4 32.1 96.5



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: 17.131 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

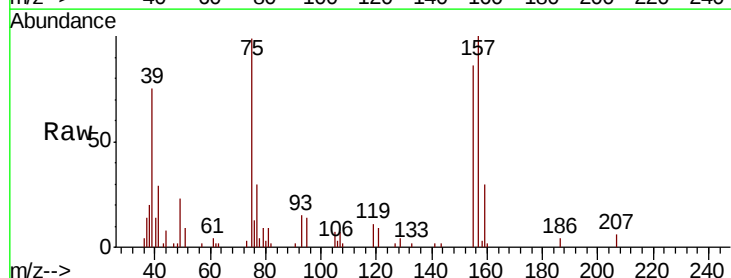
Tgt Ion: 75 Resp: 6227

Ion Ratio Lower Upper

75 100

155 88.1 40.6 122.0

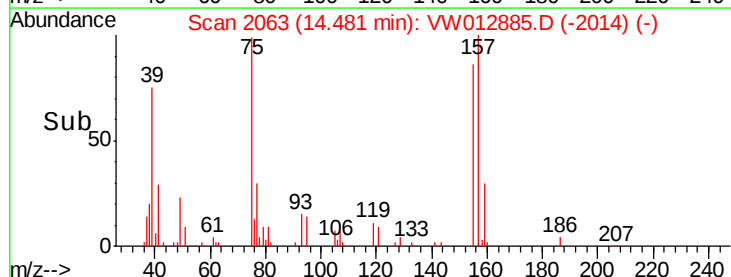
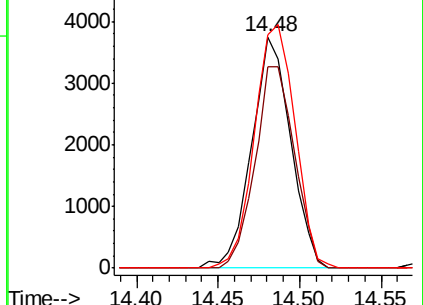
157 109.3 52.5 157.5

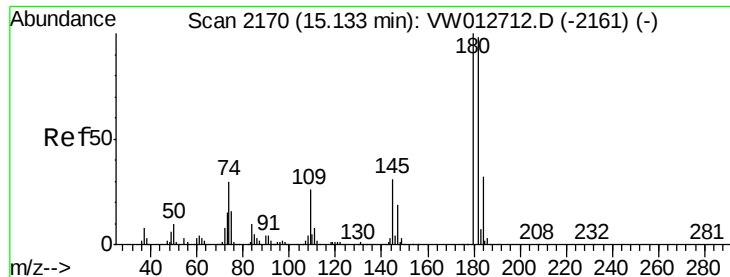


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

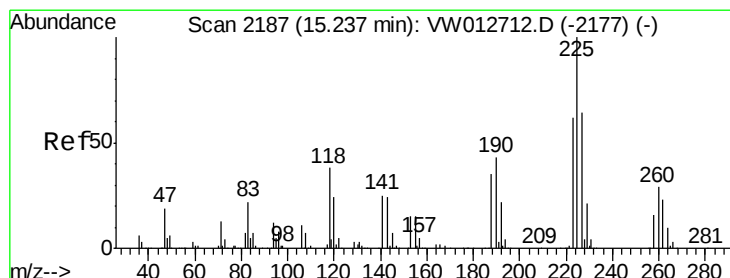
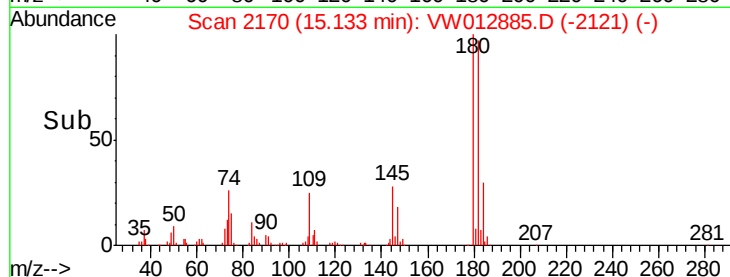
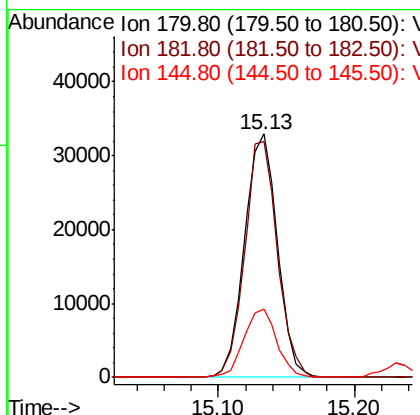
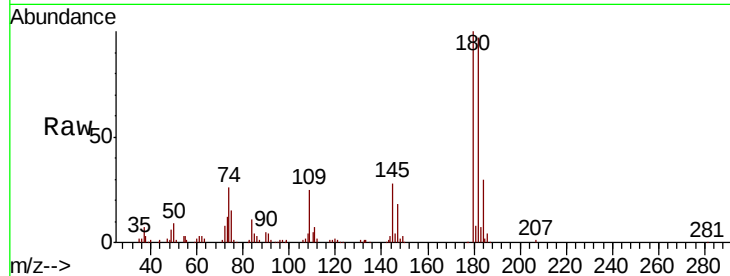




#93
 1,2,4-Trichlorobenzene
 Concen: 20.190 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

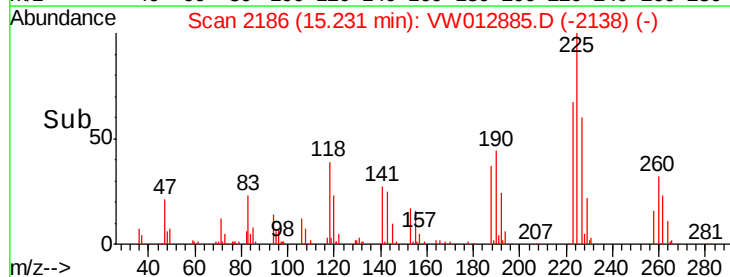
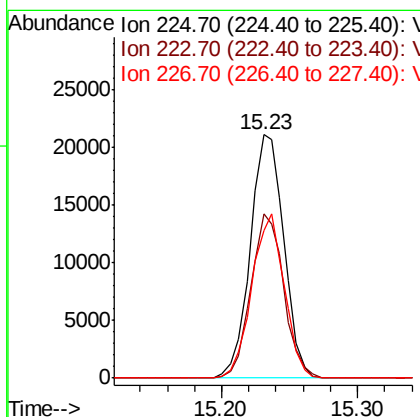
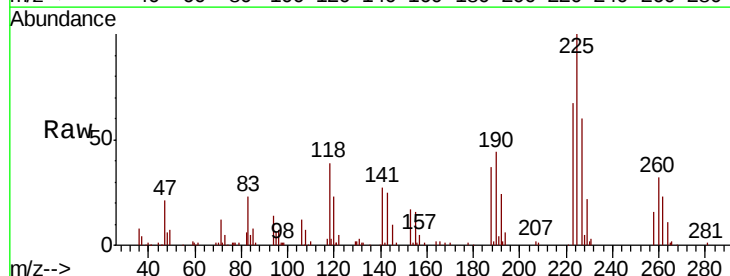
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS02

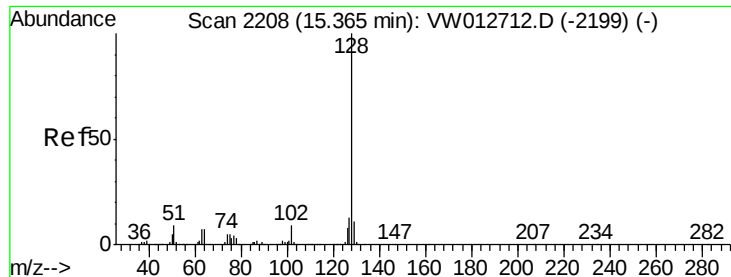
Tgt Ion:180 Resp: 55724
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.7 146.1
 145 28.1 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 19.082 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012885.D
 Acq: 10 Sep 2019 23:18

Tgt Ion:225 Resp: 36454
 Ion Ratio Lower Upper
 225 100
 223 65.9 31.1 93.3
 227 65.4 31.4 94.2

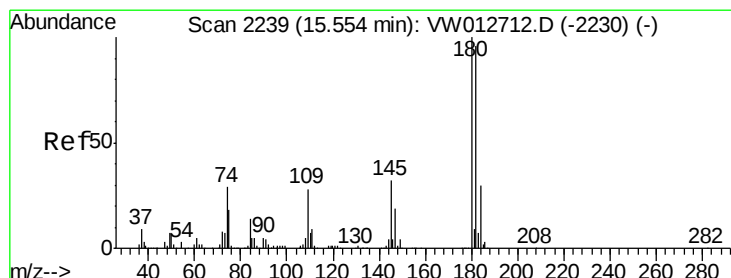
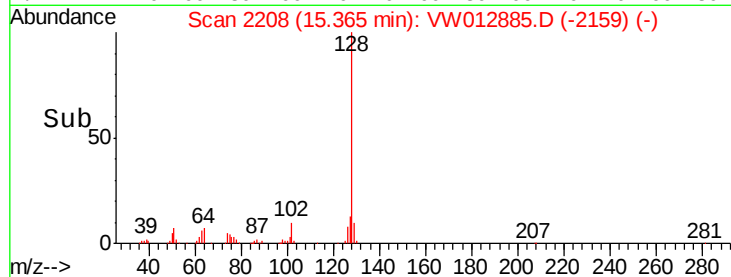
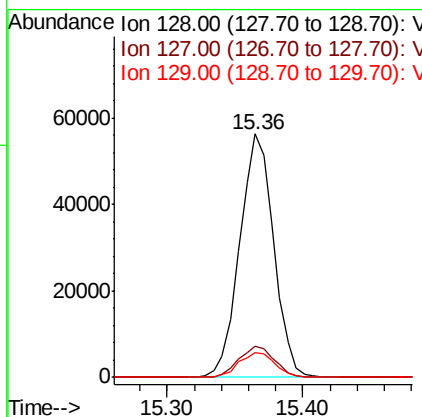
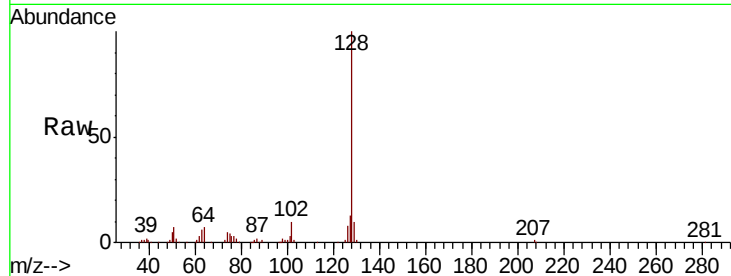




#95
Naphthalene
Concen: 19.923 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

Tgt Ion:128 Resp: 98309
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.187 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012885.D
Acq: 10 Sep 2019 23:18

Tgt Ion:180 Resp: 49180
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 31.6 15.4 46.2

