

Data File : VW012720.D
Acq On : 07 Sep 2019 15:37
Operator : SY/VA
Sample : VW0907SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Quant Time: Sep 08 05:10:48 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	267319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	373451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	183148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	161312	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	7.88	113	126341	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	
50) Toluene-d8	10.32	98	458118	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.62	95	178254	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31984	22.070	ug/l	99
3) Chloromethane	2.21	50	36480	20.713	ug/l	94
4) Vinyl Chloride	2.35	62	45360	21.005	ug/l	97
5) Bromomethane	2.77	94	24368	20.781	ug/l	92
6) Chloroethane	2.91	64	25285	19.622	ug/l	94
7) Trichlorofluoromethane	3.24	101	27056	18.156	ug/l	96
8) Diethyl Ether	3.68	74	26223	20.937	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49147	21.016	ug/l	98
10) Methyl Iodide	4.26	142	61949	21.043	ug/l	99
11) Tert butyl alcohol	5.19	59	19109	83.619	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	46284	20.966	ug/l	96
13) Acrolein	3.90	56	21540	88.822	ug/l	99
14) Allyl chloride	4.67	41	91464	20.028	ug/l	98
15) Acrylonitrile	5.36	53	67159	91.805	ug/l	99
16) Acetone	4.14	43	65495	80.434	ug/l	93
17) Carbon Disulfide	4.38	76	100930	21.539	ug/l	99
18) Methyl Acetate	4.67	43	35563	18.615	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	88310	20.171	ug/l	98
20) Methylene Chloride	4.91	84	51913	20.378	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	47557	21.113	ug/l	93
22) Diisopropyl ether	6.31	45	185857	20.520	ug/l	98
23) Vinyl Acetate	6.25	43	560337	97.618	ug/l	99
24) 1,1-Dichloroethane	6.21	63	100413	20.590	ug/l	99
25) 2-Butanone	7.17	43	87115	86.620	ug/l	97
26) 2,2-Dichloropropane	7.16	77	57298	18.602	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	51388	19.675	ug/l	99
28) Bromochloromethane	7.51	49	39526	17.651	ug/l	93
29) Tetrahydrofuran	7.53	42	57862	87.995	ug/l	100
30) Chloroform	7.67	83	95846	19.830	ug/l	98
31) Cyclohexane	7.95	56	87413	19.910	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	79481	20.287	ug/l	98
36) 1,1-Dichloropropene	8.08	75	71553	21.564	ug/l	99
37) Ethyl Acetate	7.26	43	40297	19.051	ug/l	98
38) Carbon Tetrachloride	8.07	117	69045	21.109	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80596	21.626	ug/l	98
40) Benzene	8.32	78	207122	22.498	ug/l	99
41) Methacrylonitrile	7.48	41	23758	19.093	ug/l	93
42) 1,2-Dichloroethane	8.40	62	69112	21.330	ug/l	99
43) Isopropyl Acetate	8.42	43	78971	19.706	ug/l	97
44) Trichloroethene	9.09	130	51230	21.587	ug/l	94
45) 1,2-Dichloropropane	9.37	63	53766	21.056	ug/l	99
46) Dibromomethane	9.46	93	25977	21.484	ug/l	100
47) Bromodichloromethane	9.64	83	71479	21.487	ug/l	96
48) Methyl methacrylate	9.43	41	37148	19.397	ug/l	99
49) 1,4-Dioxane	9.46	88	8716	364.929	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	179547	85.382	ug/l	100
52) Toluene	10.38	92	113652	19.779	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64368	18.817	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74062	19.086	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35194	19.442	ug/l	97
56) Ethyl methacrylate	10.65	69	47868	18.065	ug/l	100
57) 1,3-Dichloropropane	10.93	76	68043	20.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	129485	92.046	ug/l	96
59) 2-Hexanone	10.97	43	137777	89.680	ug/l	99
60) Dibromochloromethane	11.13	129	43645	20.500	ug/l	98
61) 1,2-Dibromoethane	11.23	107	33925	20.441	ug/l	98
64) Tetrachloroethene	10.86	164	40198	18.361	ug/l	97
65) Chlorobenzene	11.66	112	135101	19.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	50802	20.004	ug/l	98
67) Ethyl Benzene	11.73	91	255476	19.967	ug/l	99
68) m/p-Xylenes	11.83	106	187429	40.584	ug/l	99
69) o-Xylene	12.16	106	88976	20.421	ug/l	97
70) Styrene	12.18	104	153577	19.947	ug/l	99
71) Bromoform	12.35	173	26490	18.775	ug/l	98
73) Isopropylbenzene	12.46	105	256799	19.549	ug/l	99
74) N-amyl acetate	12.27	43	74576	17.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47912	18.162	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63215	33.755	ug/l #	100
77) Bromobenzene	12.74	156	55163	18.536	ug/l	99
78) n-propylbenzene	12.80	91	301994	19.222	ug/l	100
79) 2-Chlorotoluene	12.89	91	170218	18.873	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	193263	17.460	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15118	17.074	ug/l	98
82) 4-Chlorotoluene	12.99	91	167555	17.564	ug/l	99
83) tert-Butylbenzene	13.21	119	185767	18.981	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	214199	19.205	ug/l	99
85) sec-Butylbenzene	13.38	105	256067	18.855	ug/l	99
86) p-Isopropyltoluene	13.49	119	236320	19.050	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113085	19.332	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110717	19.021	ug/l	99
89) n-Butylbenzene	13.82	91	226667	18.821	ug/l	100
90) Hexachloroethane	14.09	117	41549	19.186	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	100050	19.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8012	16.596	ug/l	97

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

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ClientSampleId :
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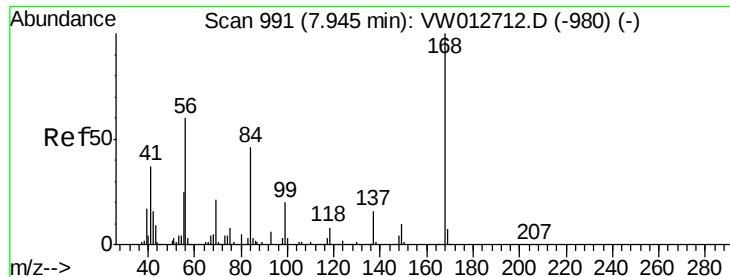
Quant Time: Sep 08 05:10:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	71063	19.386	ug/l	98
94) Hexachlorobutadiene	15.24	225	49715	19.594	ug/l	99
95) Naphthalene	15.36	128	124630	19.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62189	19.220	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012720.D

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Instrument :

MSVOA_W

ClientSampleId :

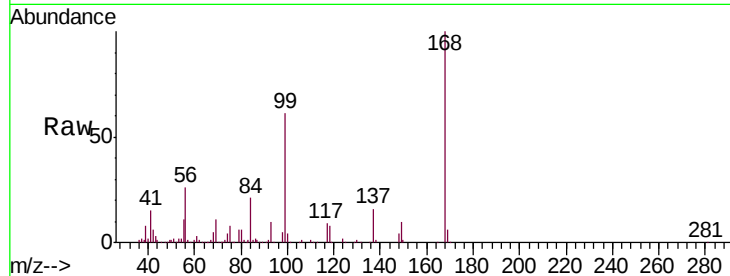
VW0907SBSD01

Tgt Ion:168 Resp: 267319

Ion Ratio Lower Upper

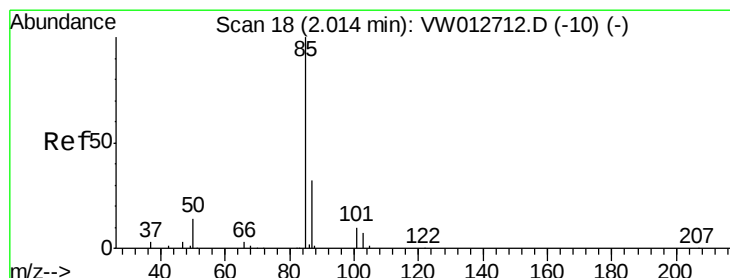
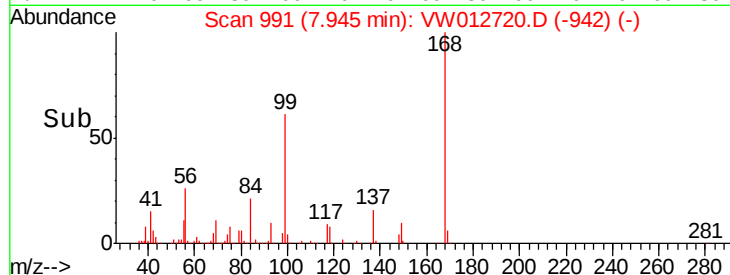
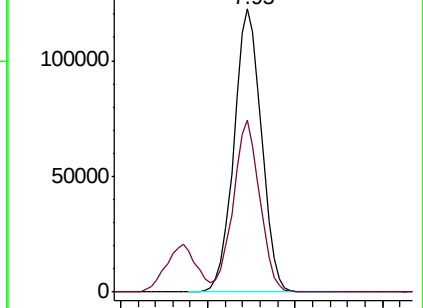
168 100

99 60.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.070 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012720.D

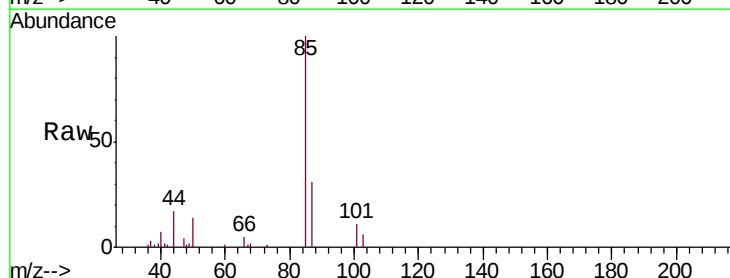
Acq: 07 Sep 2019 15:37

Tgt Ion: 85 Resp: 31984

Ion Ratio Lower Upper

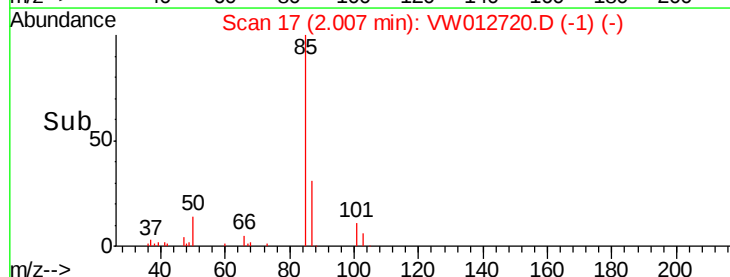
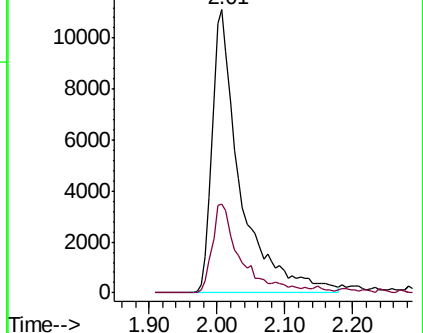
85 100

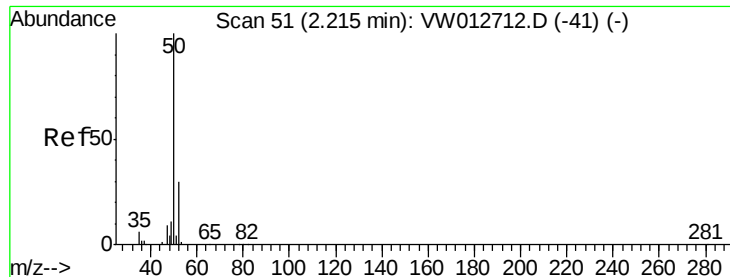
87 31.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.713 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

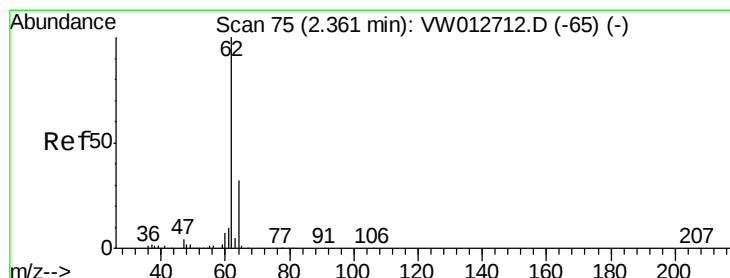
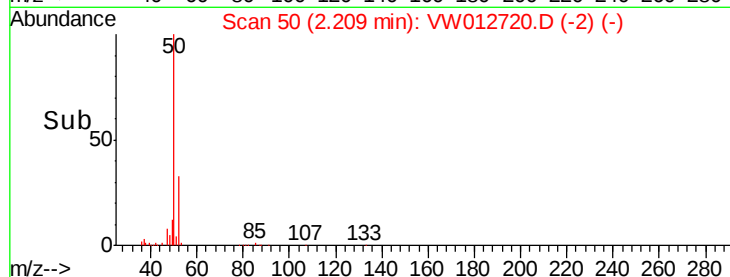
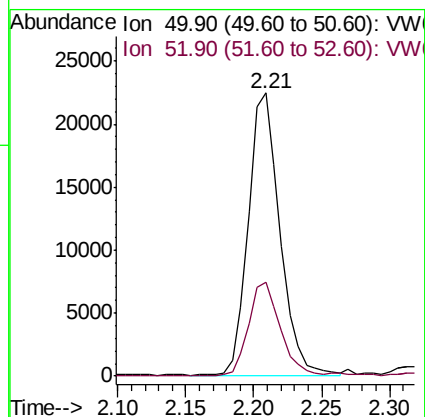
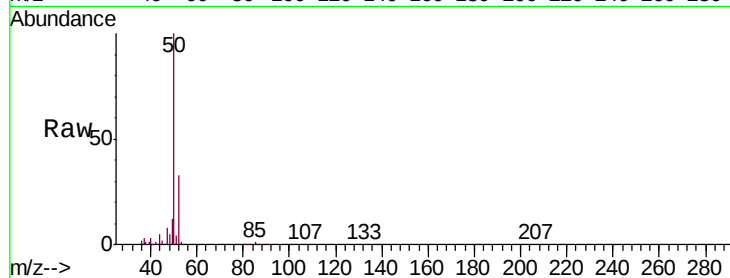
VW0907SBSD01

Tgt Ion: 50 Resp: 36480

Ion Ratio Lower Upper

50 100

52 33.5 24.2 36.2



#4

Vinyl Chloride

Concen: 21.005 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012720.D

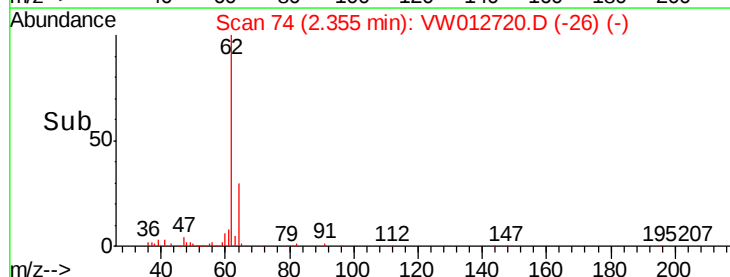
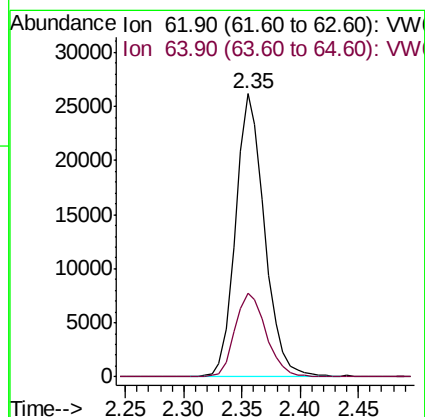
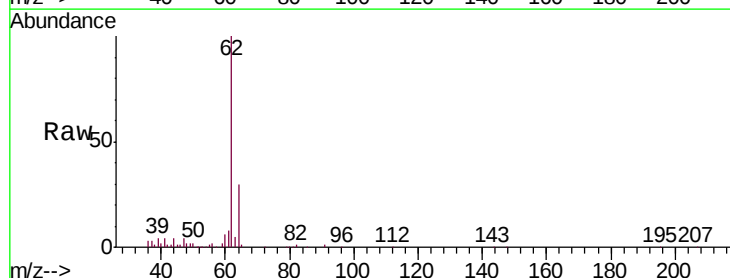
Acq: 07 Sep 2019 15:37

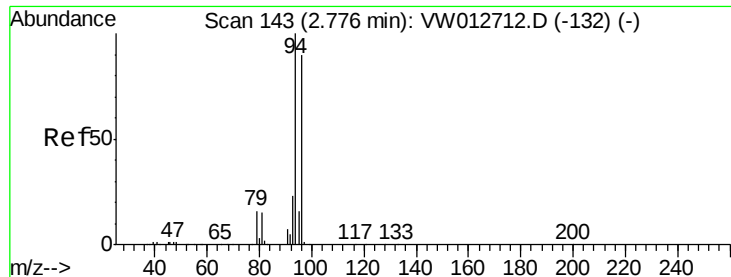
Tgt Ion: 62 Resp: 45360

Ion Ratio Lower Upper

62 100

64 29.7 25.3 37.9





#5

Bromomethane

Concen: 20.781 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

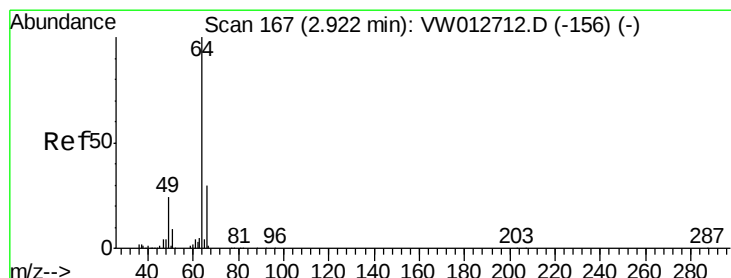
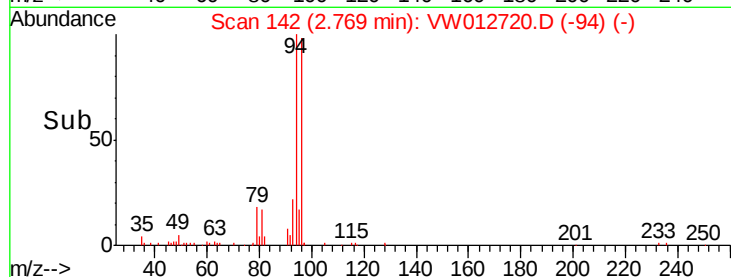
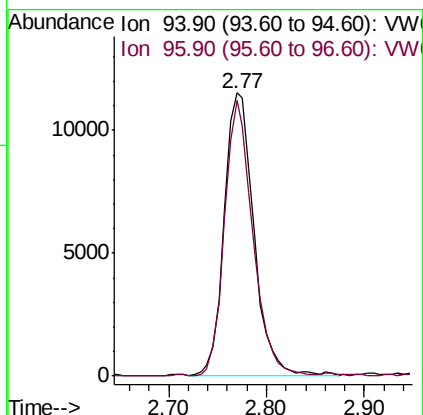
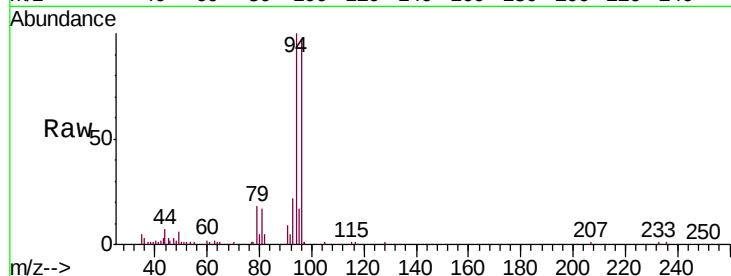
VW0907SBSD01

Tgt Ion: 94 Resp: 24368

Ion Ratio Lower Upper

94 100

96 97.5 72.1 108.1



#6

Chloroethane

Concen: 19.622 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012720.D

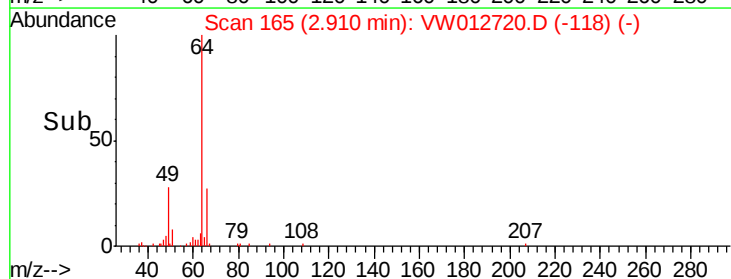
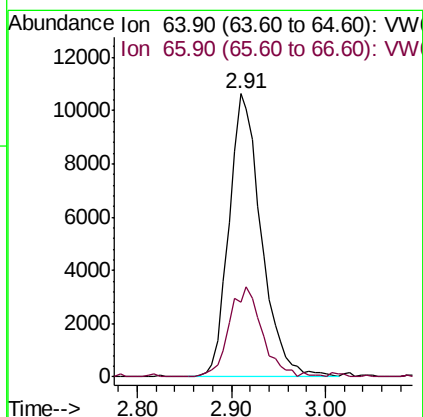
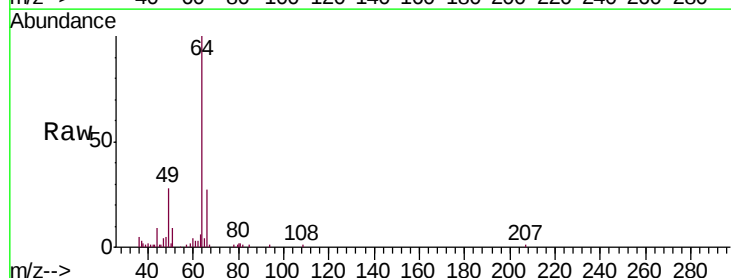
Acq: 07 Sep 2019 15:37

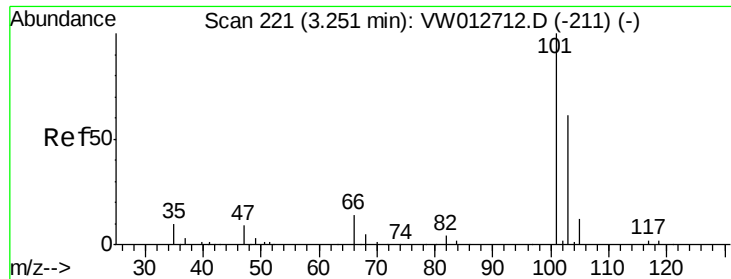
Tgt Ion: 64 Resp: 25285

Ion Ratio Lower Upper

64 100

66 26.6 23.8 35.6



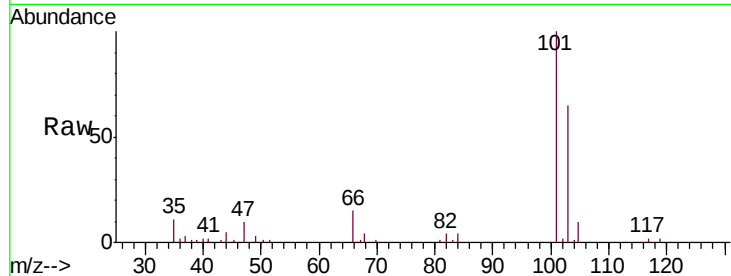


#7

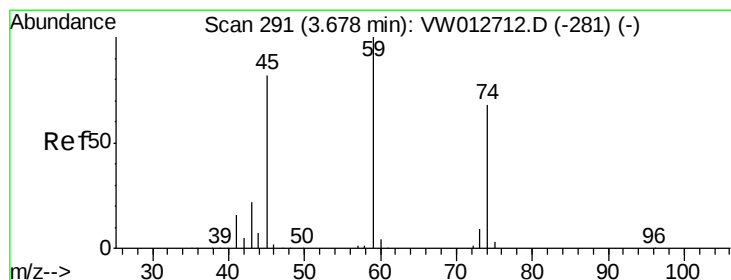
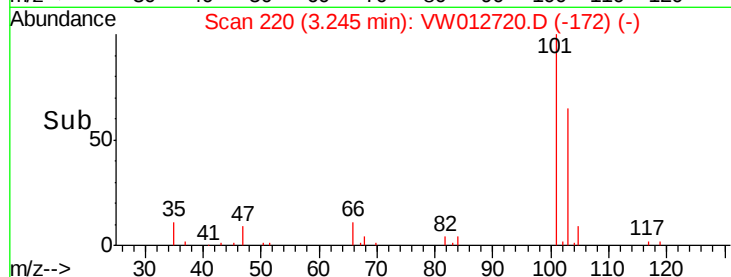
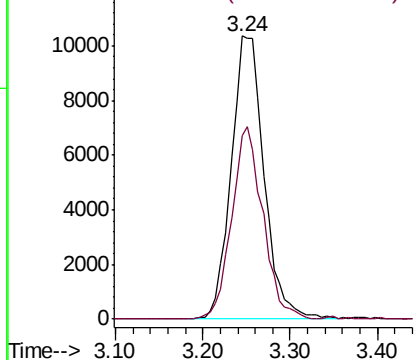
Trichlorofluoromethane
Concen: 18.156 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
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Tgt Ion:101 Resp: 27056
Ion Ratio Lower Upper
101 100
103 64.6 49.0 73.4



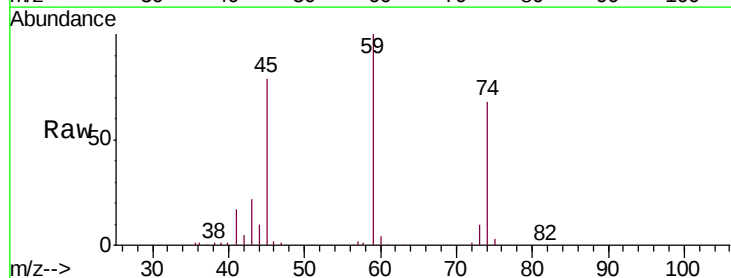
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



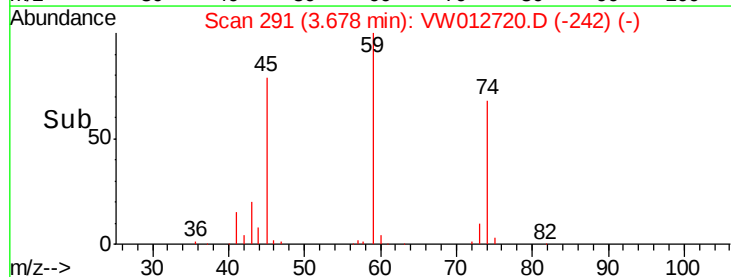
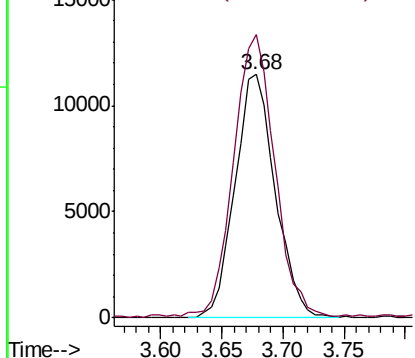
#8

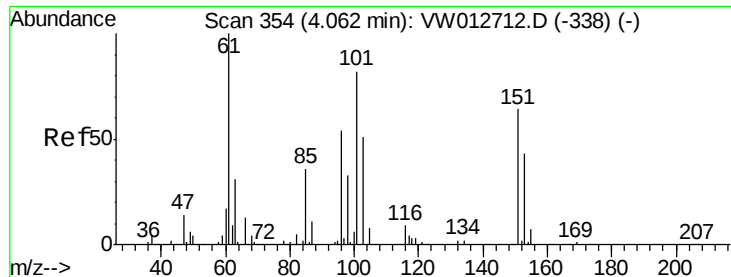
Diethyl Ether
Concen: 20.937 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012720.D
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Tgt Ion: 74 Resp: 26223
Ion Ratio Lower Upper
74 100
45 120.6 58.8 176.4



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: 21.016 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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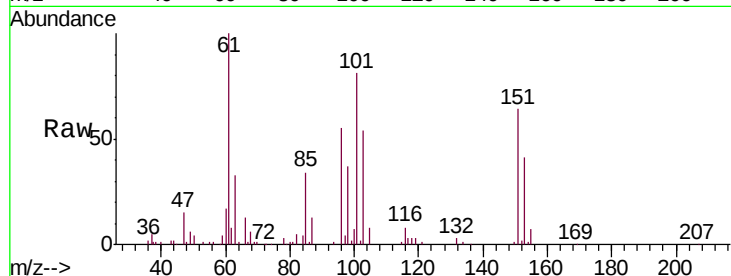
Tgt Ion:101 Resp: 49147

Ion Ratio Lower Upper

101 100

85 44.3 36.2 54.2

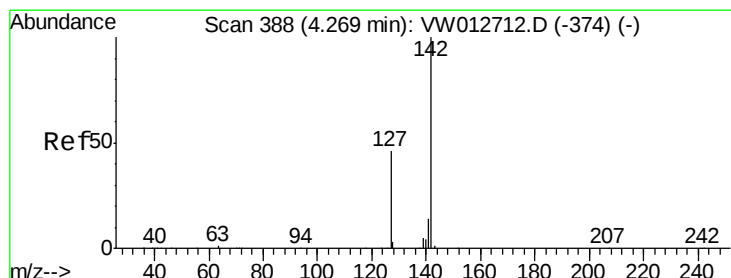
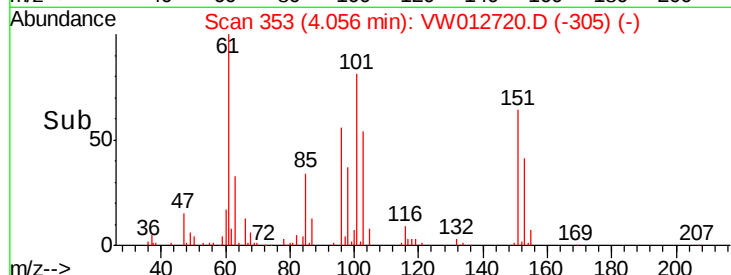
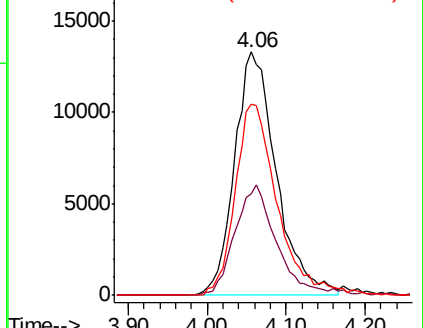
151 79.1 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.043 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

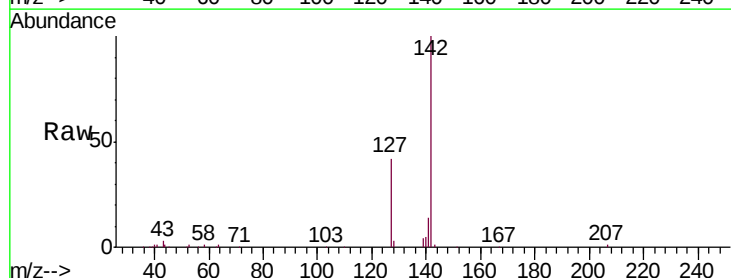
Tgt Ion:142 Resp: 61949

Ion Ratio Lower Upper

142 100

127 44.7 36.0 54.0

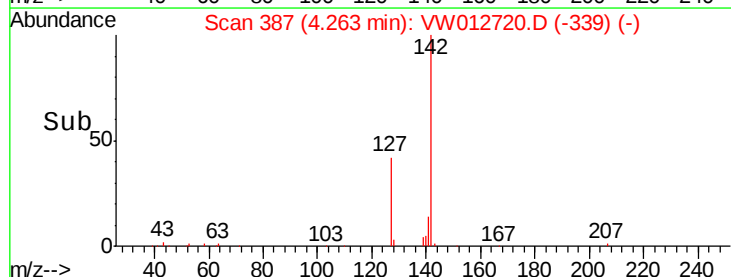
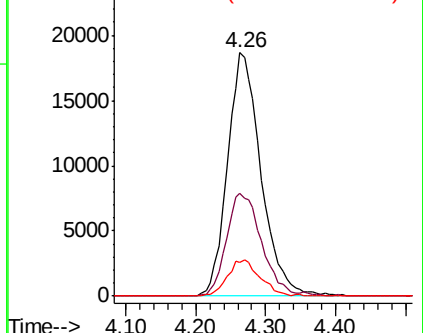
141 14.5 12.2 18.4

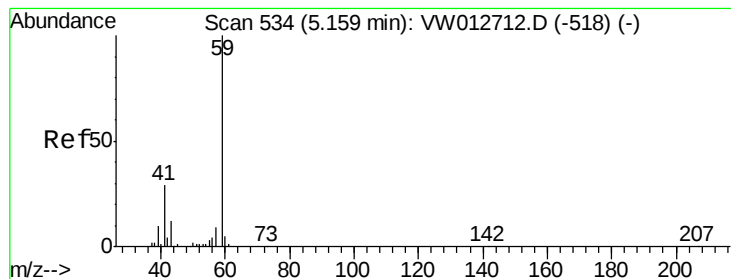


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 83.619 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.03 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

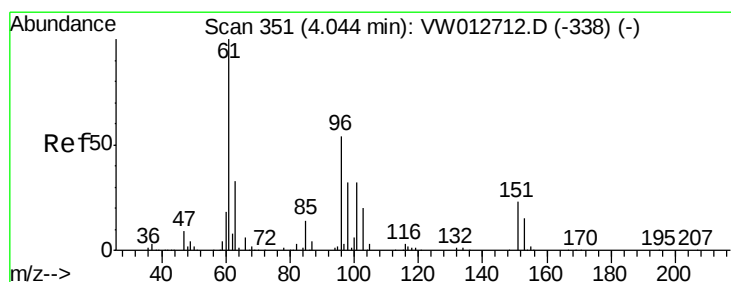
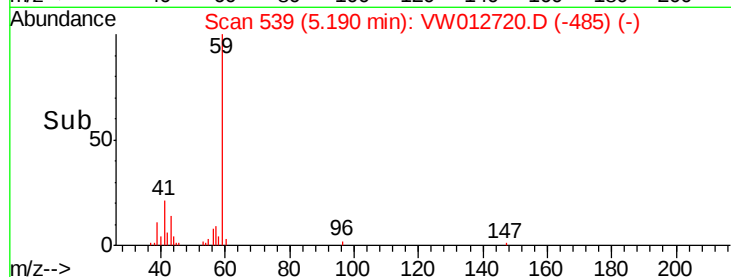
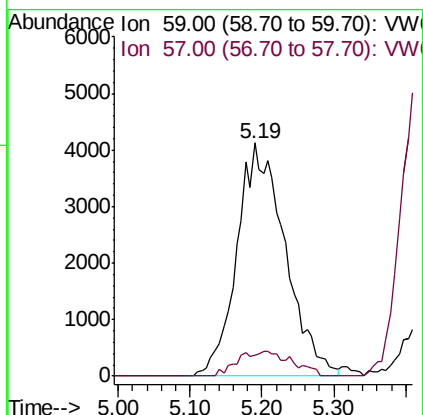
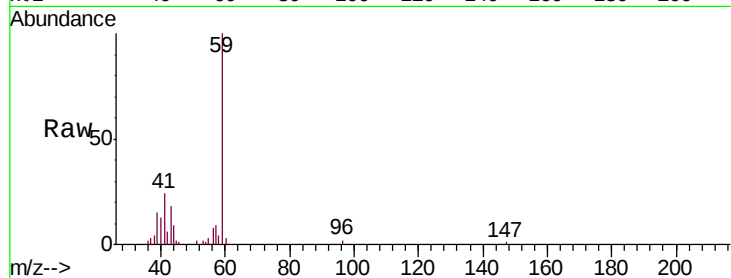
VW0907SBSD01

Tgt Ion: 59 Resp: 19109

Ion Ratio Lower Upper

59 100

57 3.7 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 20.966 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

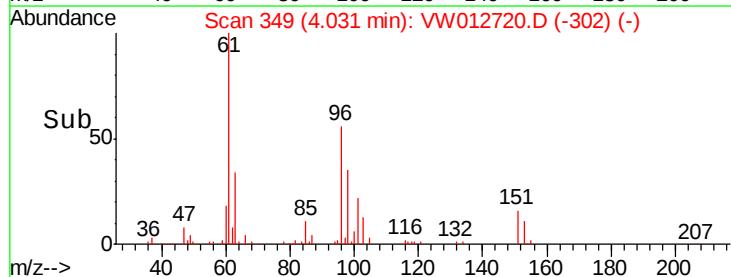
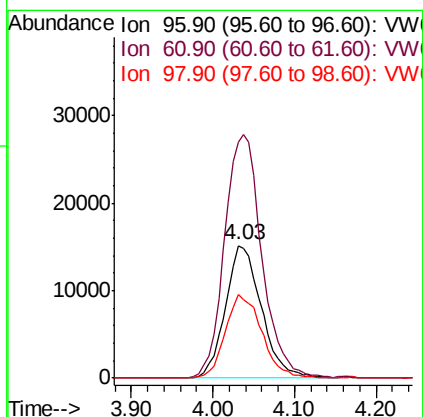
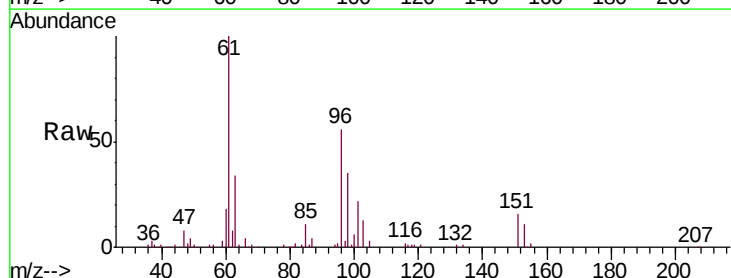
Tgt Ion: 96 Resp: 46284

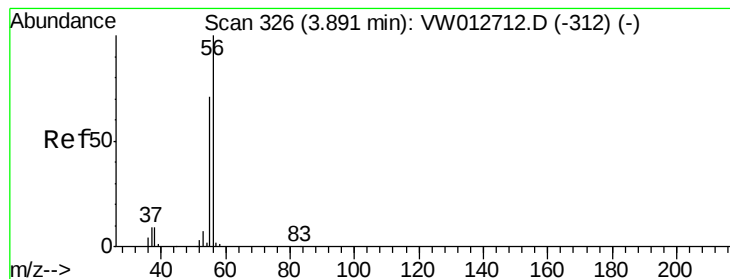
Ion Ratio Lower Upper

96 100

61 178.3 147.8 221.6

98 62.7 47.9 71.9





#13

Acrolein

Concen: 88.822 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

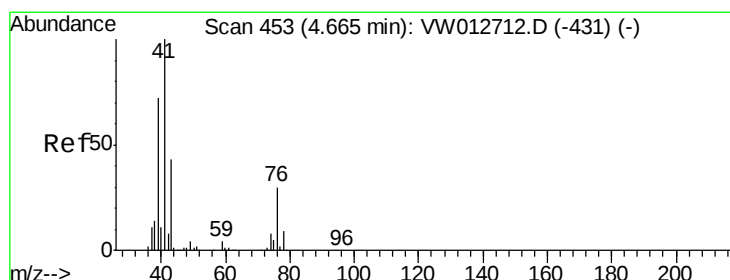
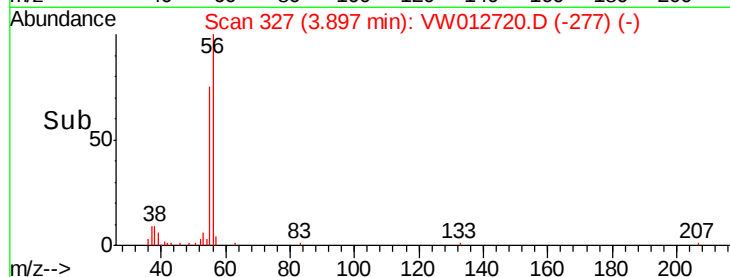
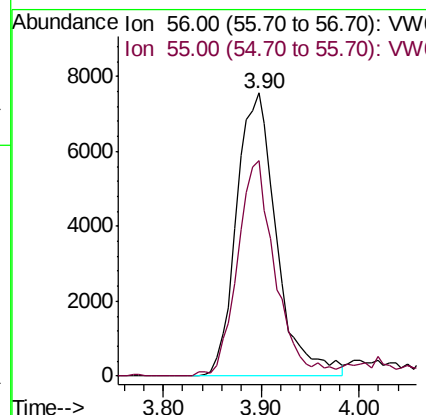
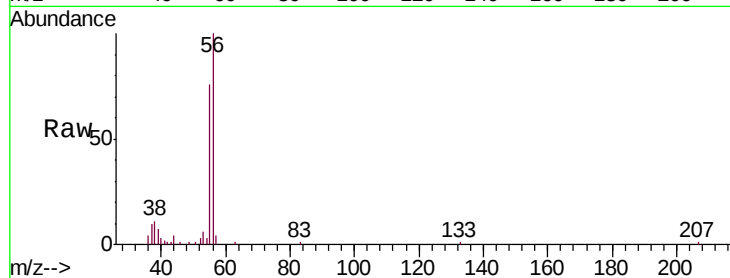
VW0907SBSD01

Tgt Ion: 56 Resp: 21540

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 20.028 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

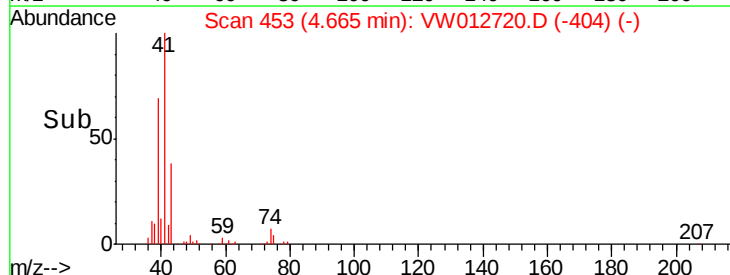
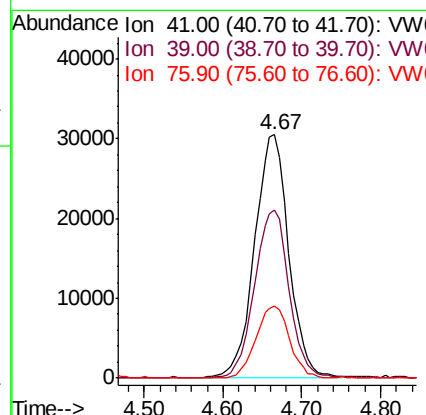
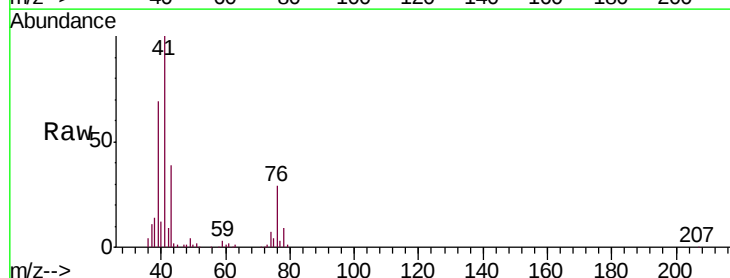
Tgt Ion: 41 Resp: 91464

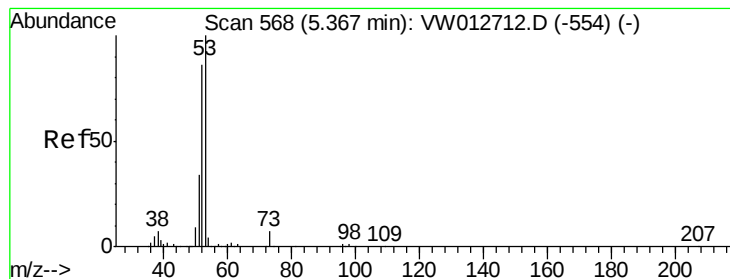
Ion Ratio Lower Upper

41 100

39 70.4 55.0 82.6

76 29.2 23.0 34.4





#15

Acrylonitrile

Concen: 91.805 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

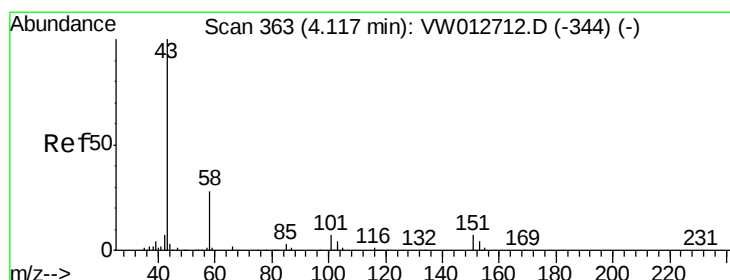
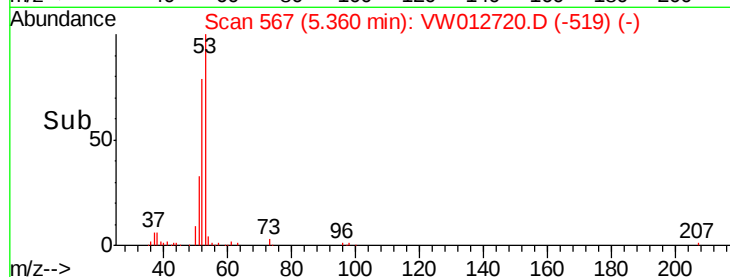
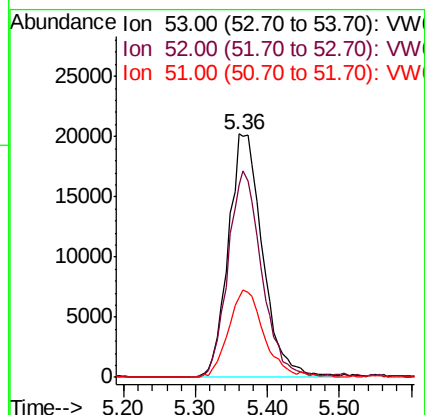
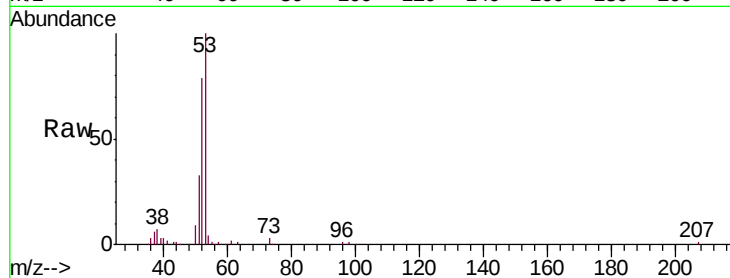
Tgt Ion: 53 Resp: 67159

Ion Ratio Lower Upper

53 100

52 83.0 67.0 100.4

51 37.2 29.8 44.8



#16

Acetone

Concen: 80.434 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012720.D

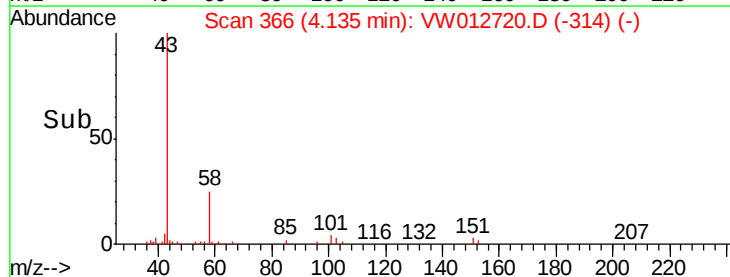
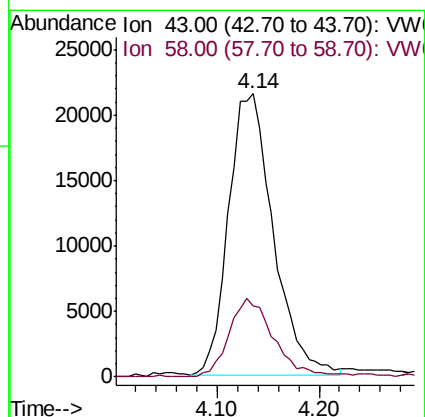
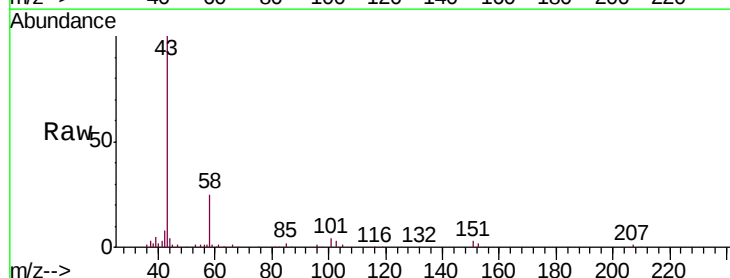
Acq: 07 Sep 2019 15:37

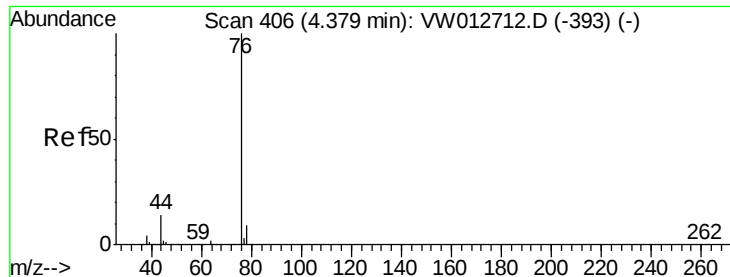
Tgt Ion: 43 Resp: 65495

Ion Ratio Lower Upper

43 100

58 24.7 22.6 33.8





#17

Carbon Disulfide

Concen: 21.539 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

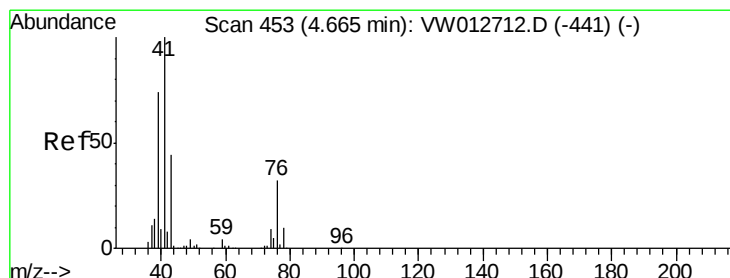
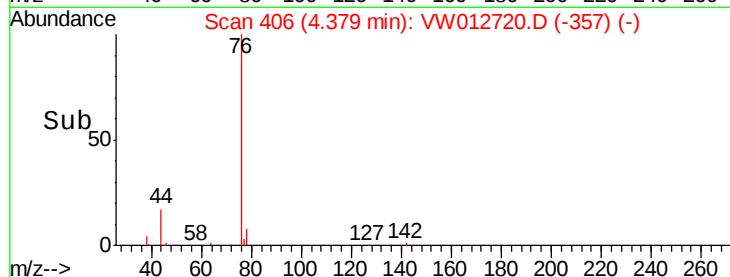
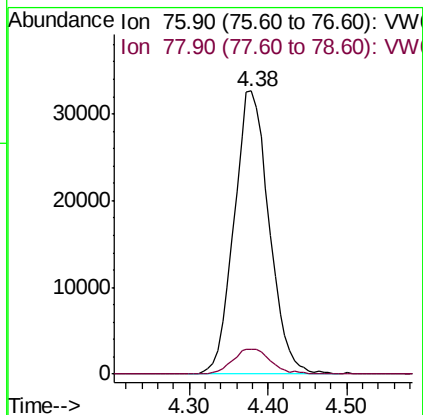
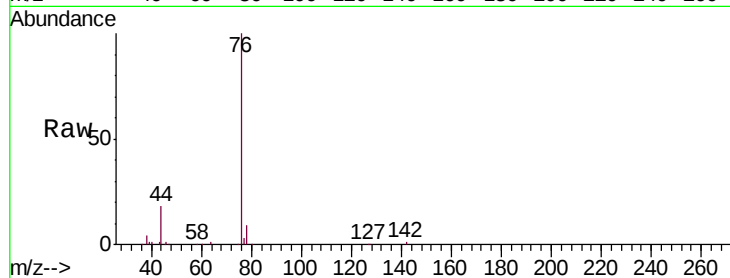
VW0907SBSD01

Tgt Ion: 76 Resp: 100930

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 18.615 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012720.D

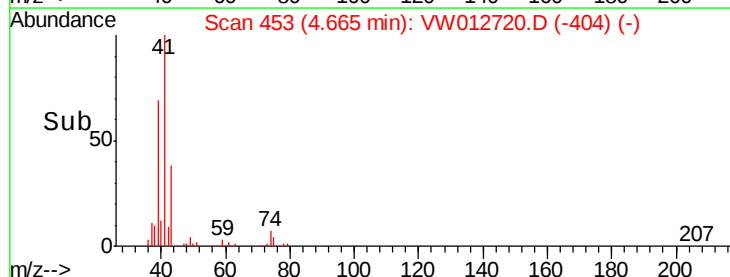
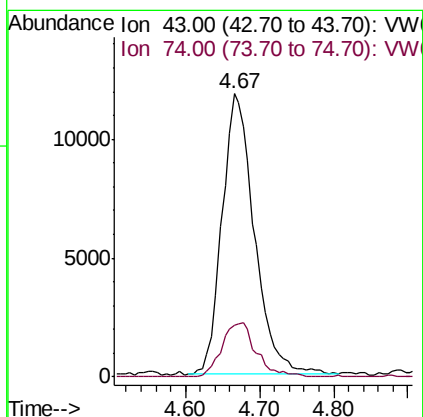
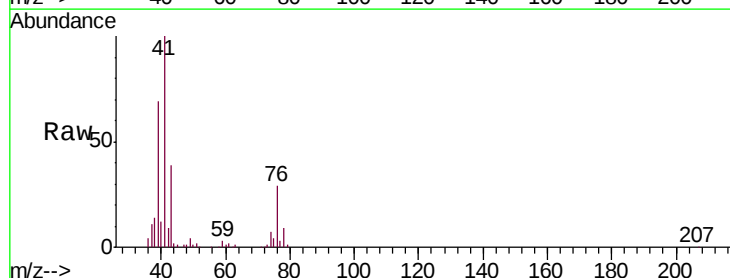
Acq: 07 Sep 2019 15:37

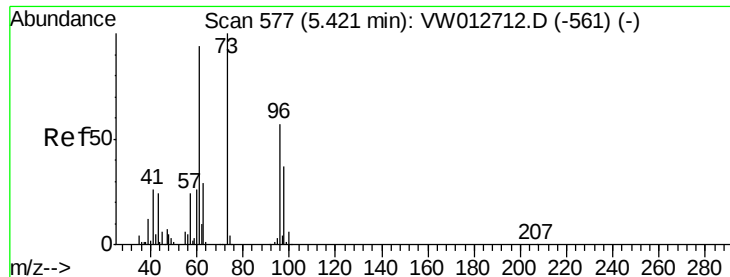
Tgt Ion: 43 Resp: 35563

Ion Ratio Lower Upper

43 100

74 20.7 15.8 23.6

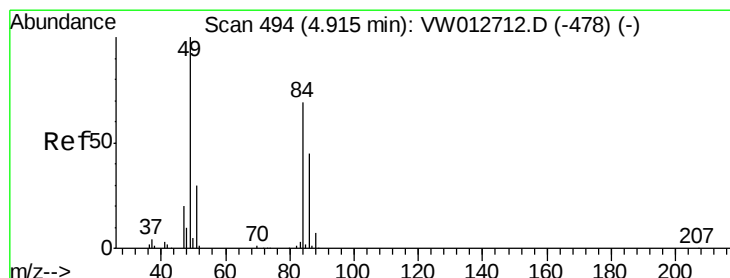
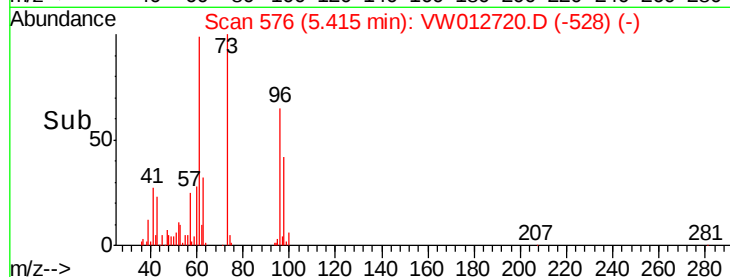
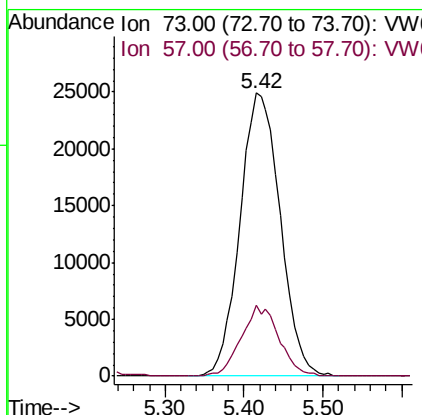
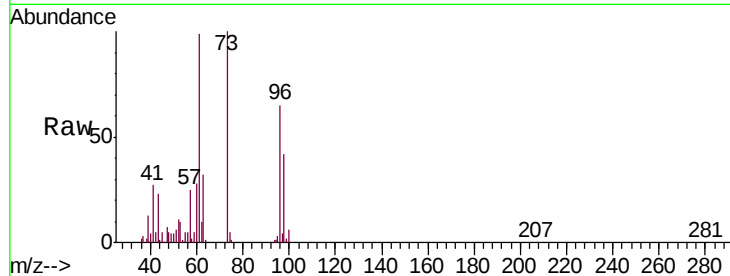




#19
Methyl tert-butyl Ether
Concen: 20.171 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

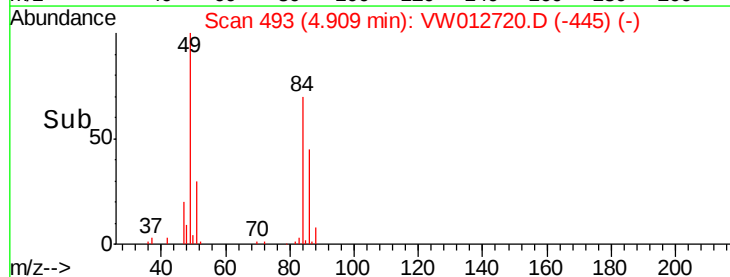
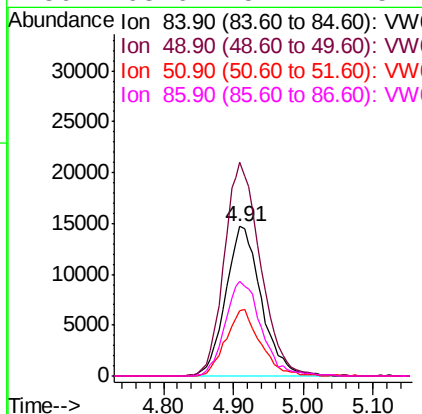
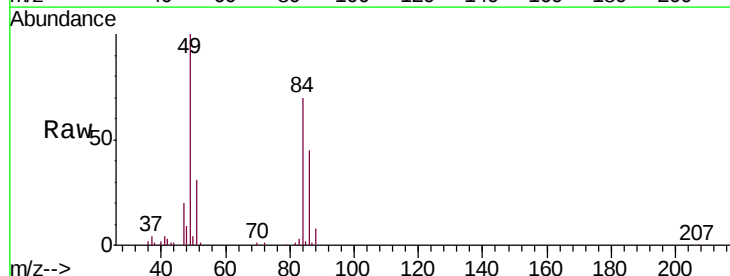
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

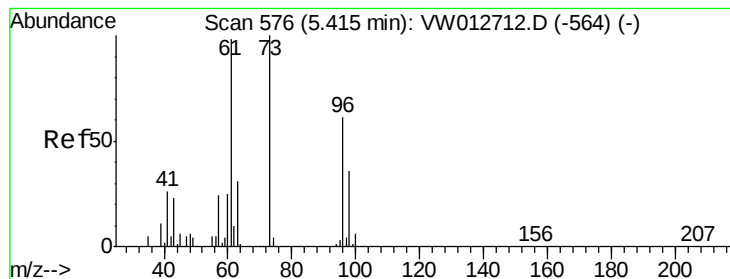
Tgt Ion: 73 Resp: 88310
Ion Ratio Lower Upper
73 100
57 24.9 19.2 28.8



#20
Methylene Chloride
Concen: 20.378 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 84 Resp: 51913
Ion Ratio Lower Upper
84 100
49 142.2 115.4 173.0
51 43.6 34.9 52.3
86 63.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.113 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

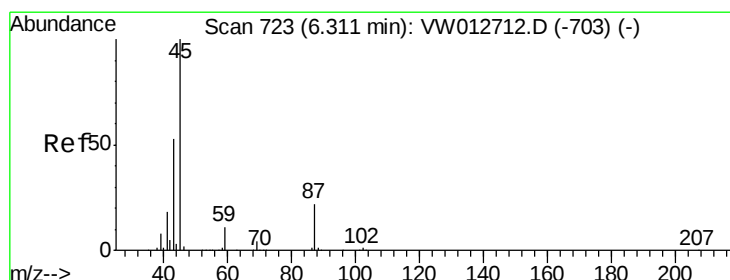
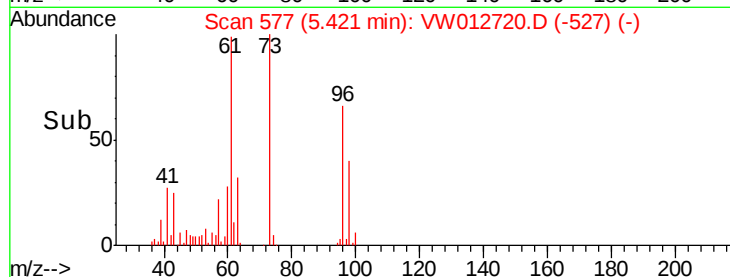
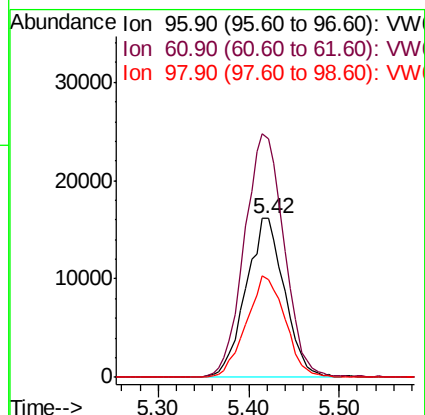
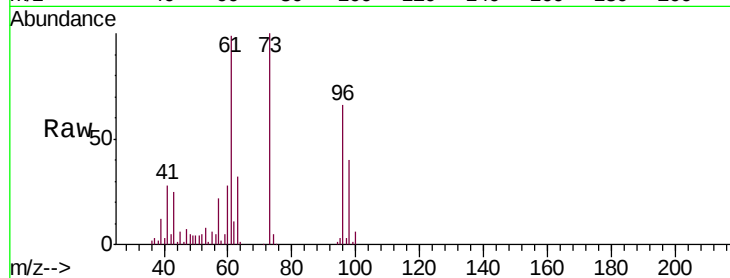
Tgt Ion: 96 Resp: 47557

Ion Ratio Lower Upper

96 100

61 150.5 129.2 193.8

98 61.3 48.0 72.0



#22

Diisopropyl ether

Concen: 20.520 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion: 45 Resp: 185857

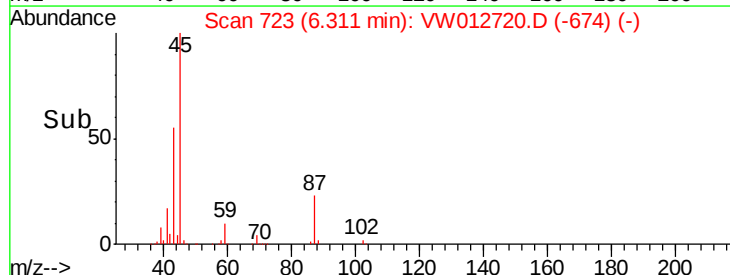
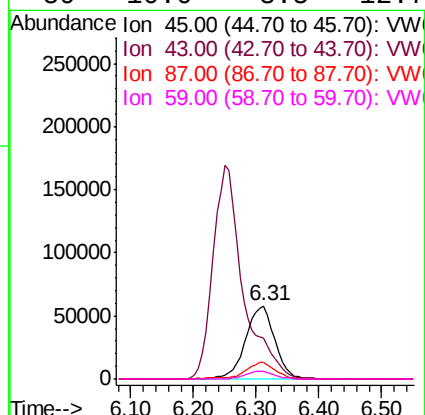
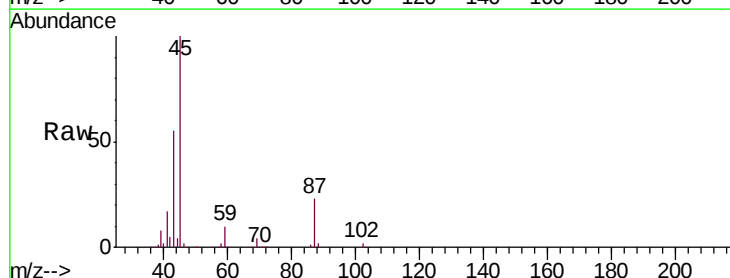
Ion Ratio Lower Upper

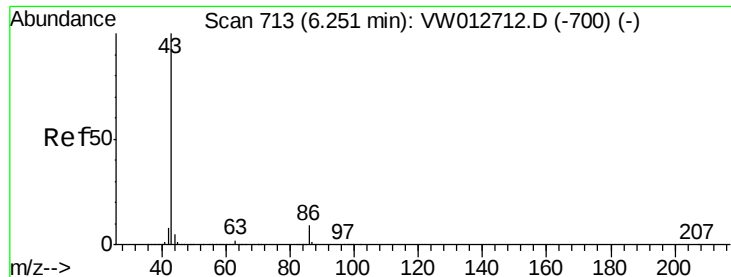
45 100

43 54.6 42.3 63.5

87 23.1 18.2 27.2

59 10.0 8.5 12.7

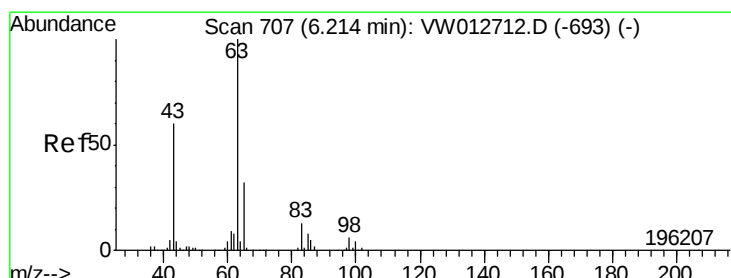
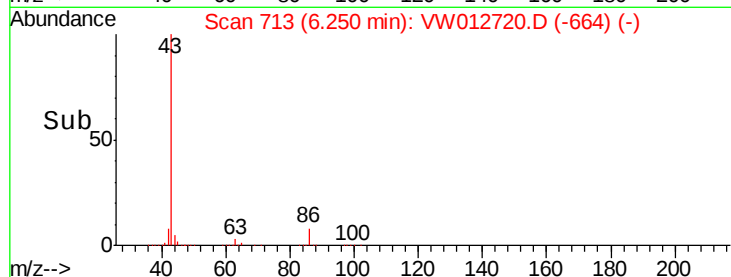
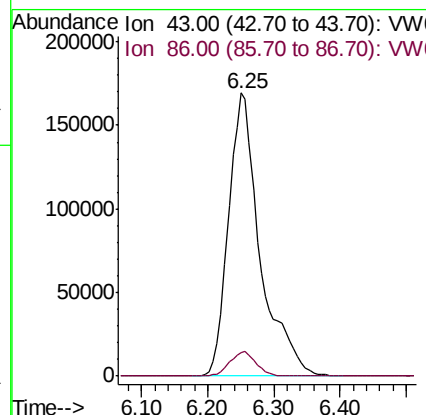
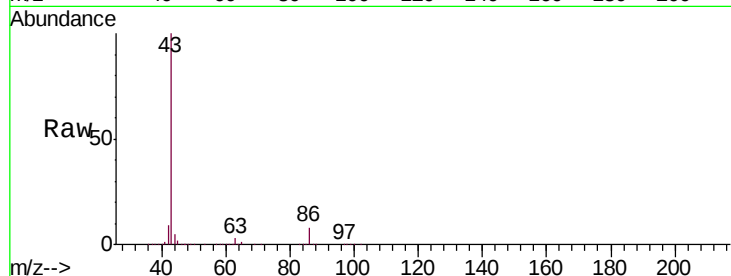




#23
 Vinyl Acetate
 Concen: 97.618 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

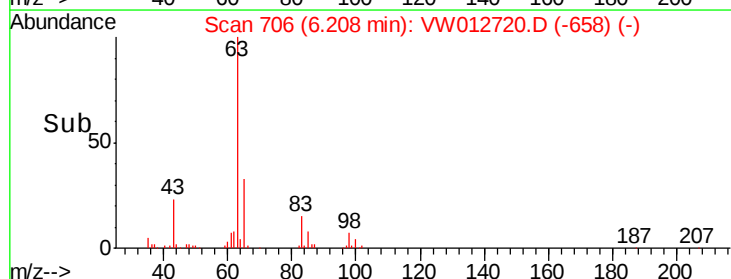
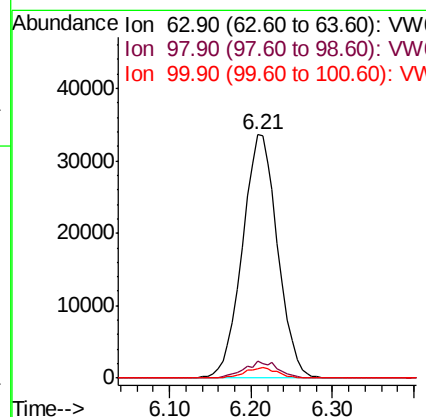
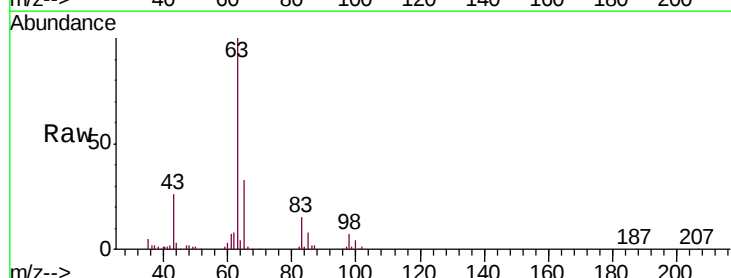
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

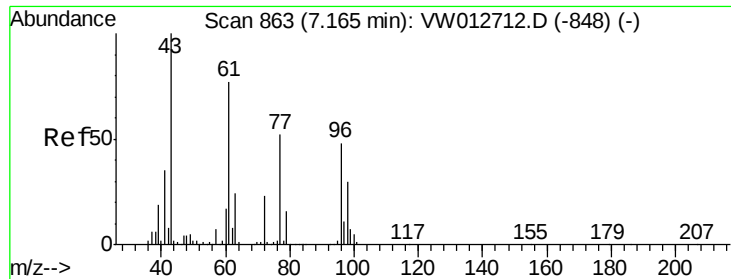
Tgt Ion: 43 Resp: 560337
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 20.590 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion: 63 Resp: 100413
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.3
 100 4.1 1.8 5.5





#25

2-Butanone

Concen: 86.620 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

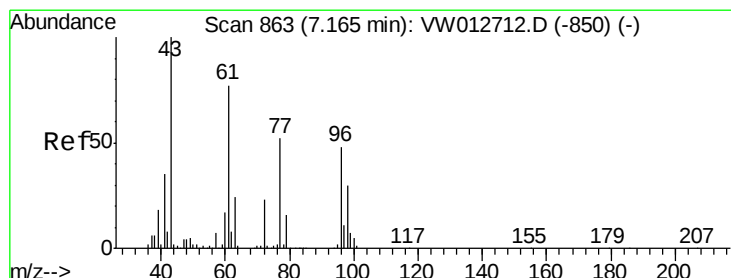
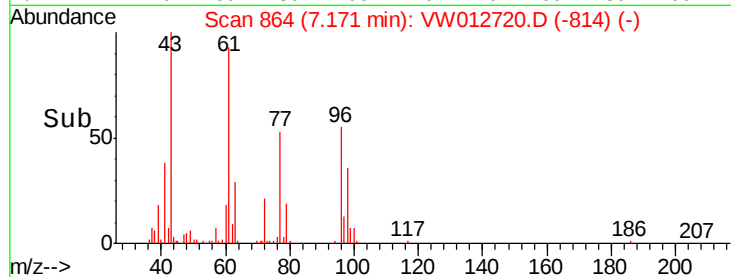
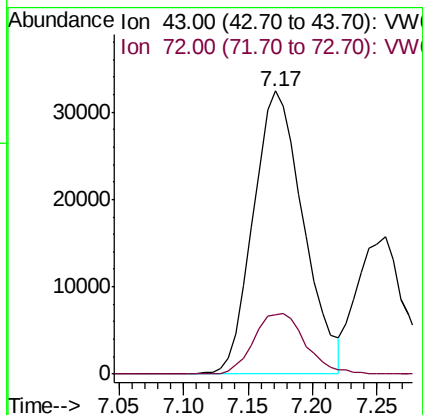
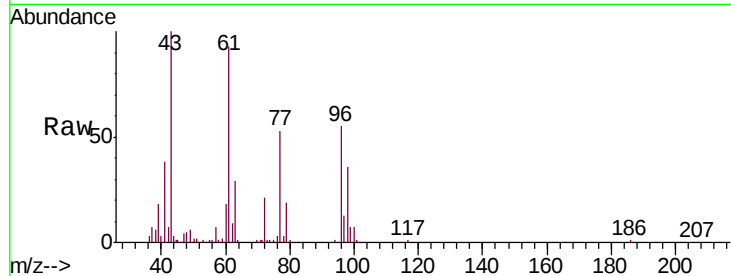
VW0907SBSD01

Tgt Ion: 43 Resp: 87115

Ion Ratio Lower Upper

43 100

72 21.0 18.0 27.0



#26

2,2-Dichloropropane

Concen: 18.602 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012720.D

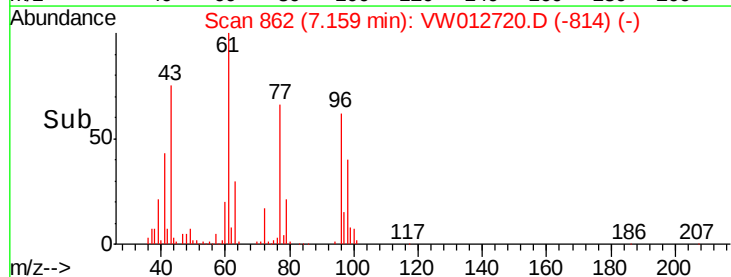
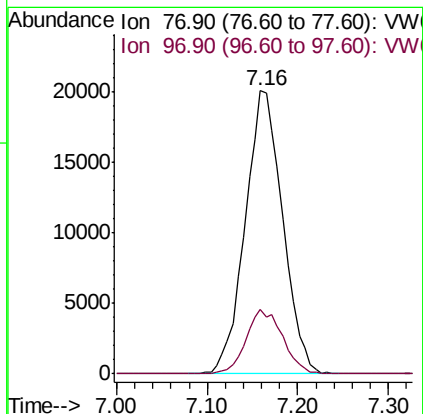
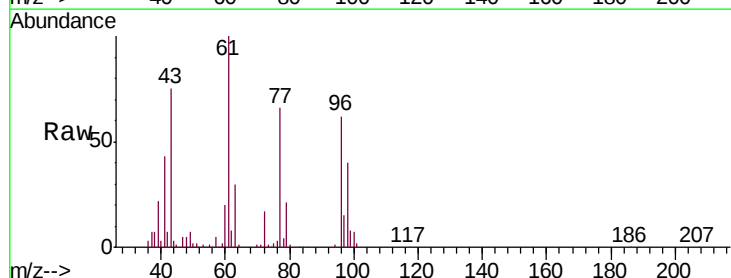
Acq: 07 Sep 2019 15:37

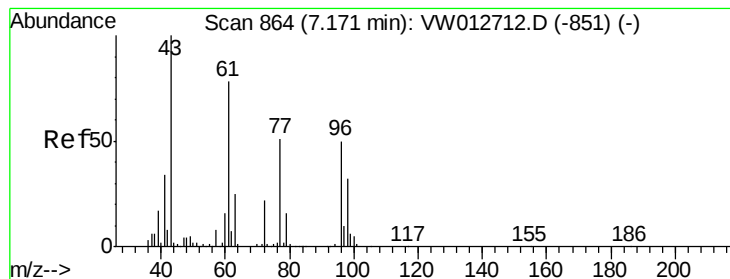
Tgt Ion: 77 Resp: 57298

Ion Ratio Lower Upper

77 100

97 22.2 10.7 32.1



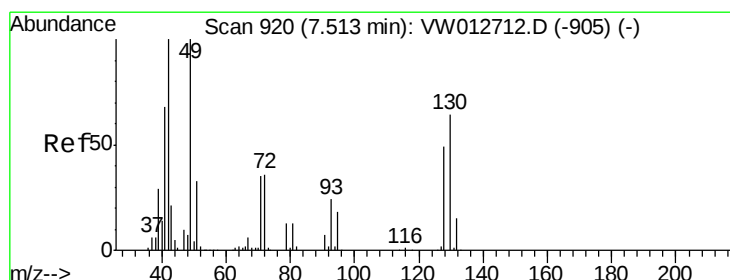
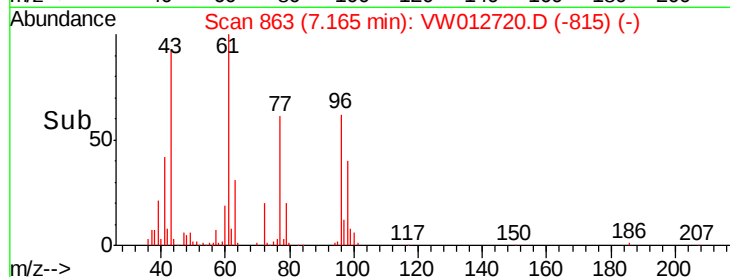
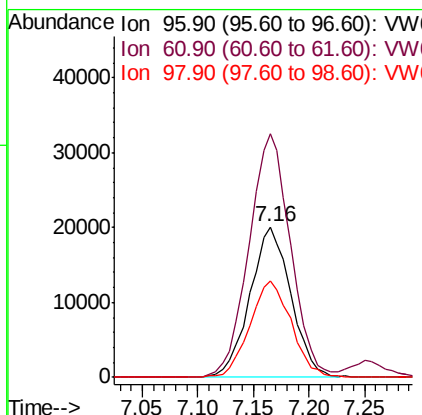
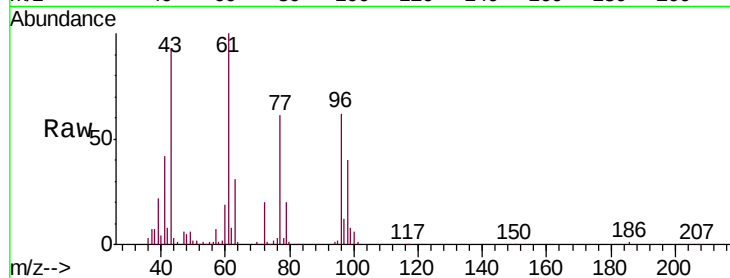


#27

cis-1,2-Dichloroethene
Concen: 19.675 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

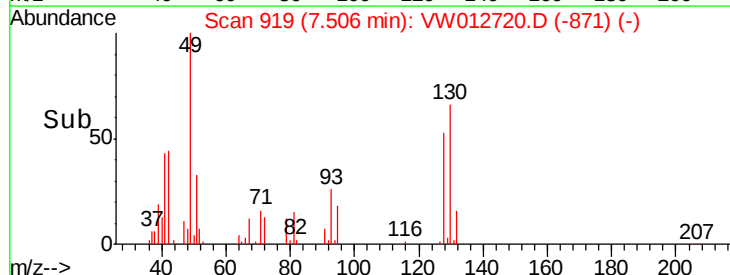
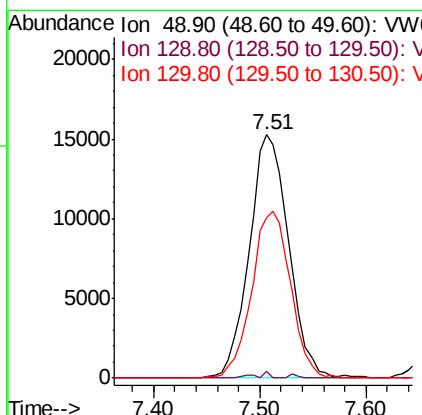
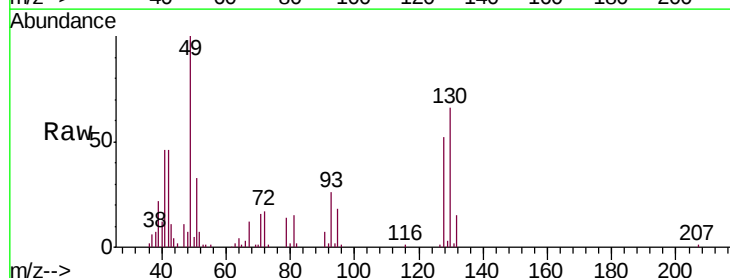
Tgt Ion: 96 Resp: 51388
Ion Ratio Lower Upper
96 100
61 164.5 0.0 325.8
98 64.7 0.0 127.0

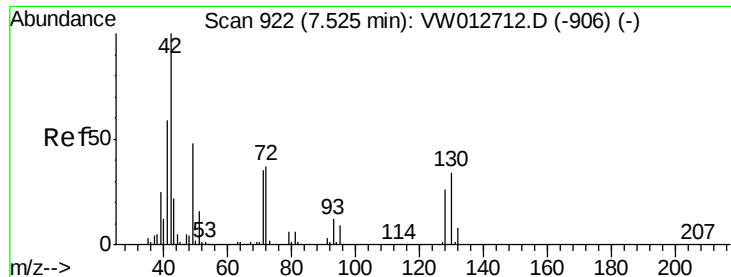


#28

Bromochloromethane
Concen: 17.651 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 49 Resp: 39526
Ion Ratio Lower Upper
49 100
129 0.4 0.0 0.8
130 67.9 49.8 74.8

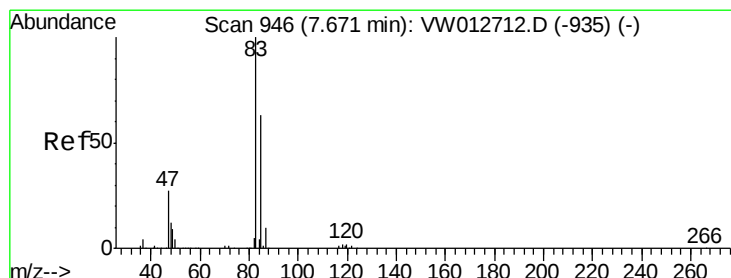
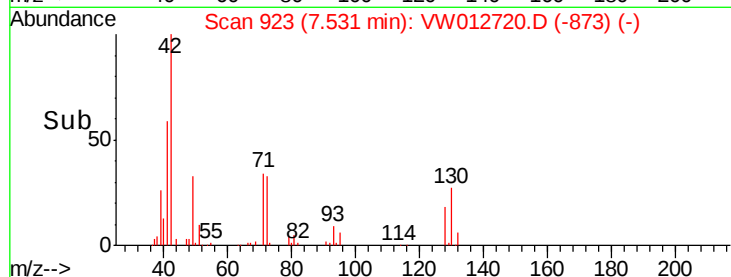
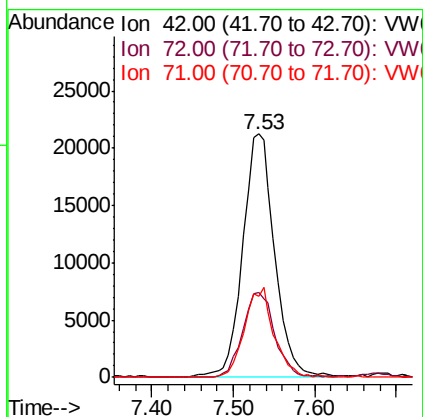
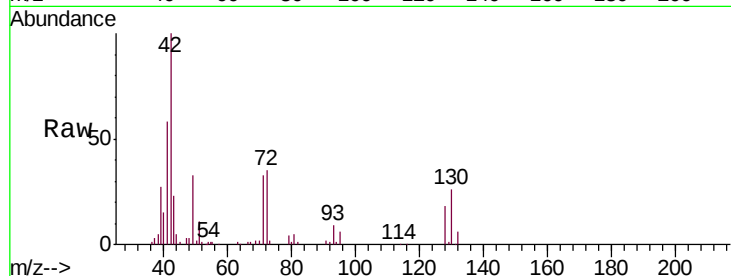




#29
Tetrahydrofuran
Concen: 87.995 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

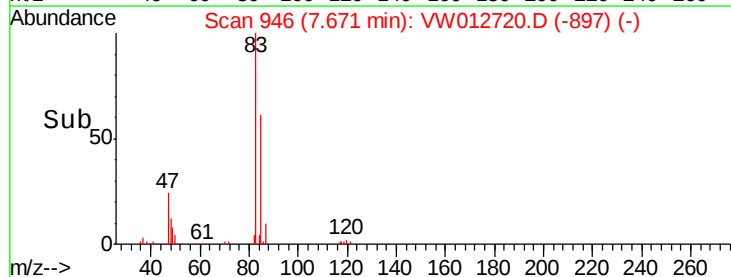
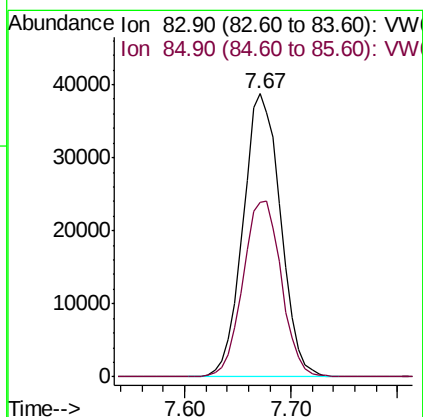
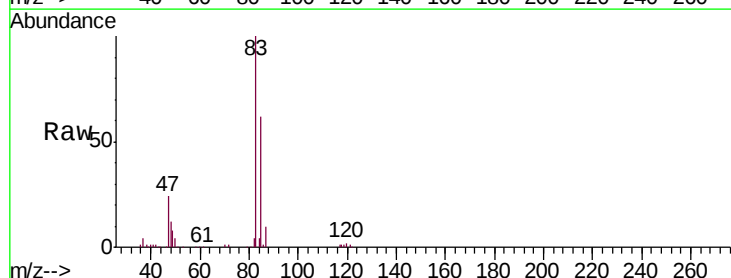
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

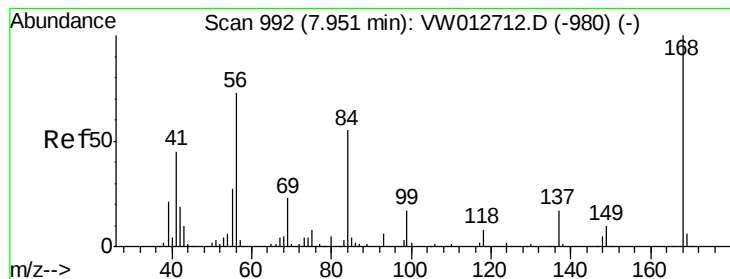
Tgt Ion: 42 Resp: 57862
Ion Ratio Lower Upper
42 100
72 35.3 28.4 42.6
71 34.2 27.1 40.7



#30
Chloroform
Concen: 19.830 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 83 Resp: 95846
Ion Ratio Lower Upper
83 100
85 61.5 50.6 76.0





#31

Cyclohexane

Concen: 19.910 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

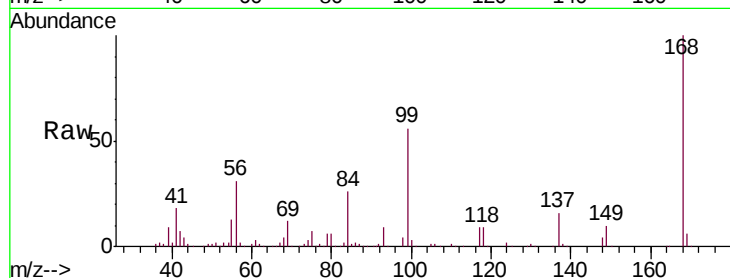
Tgt Ion: 56 Resp: 87413

Ion Ratio Lower Upper

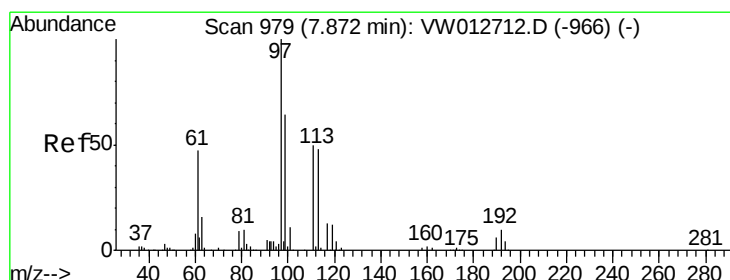
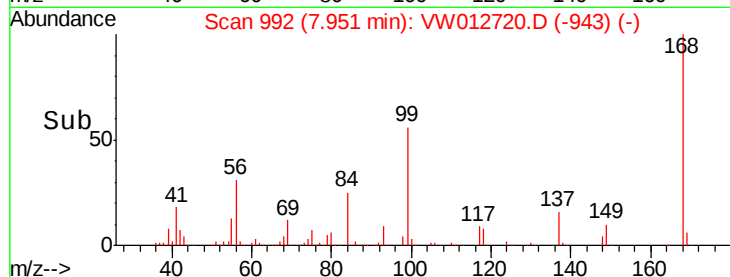
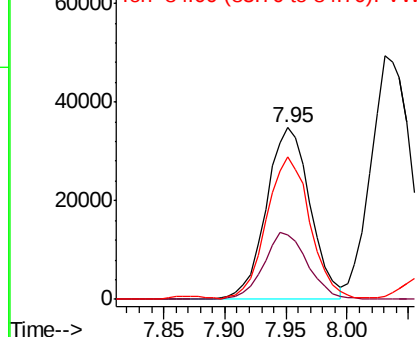
56 100

69 37.8 25.7 38.5

84 81.3 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: 20.287 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

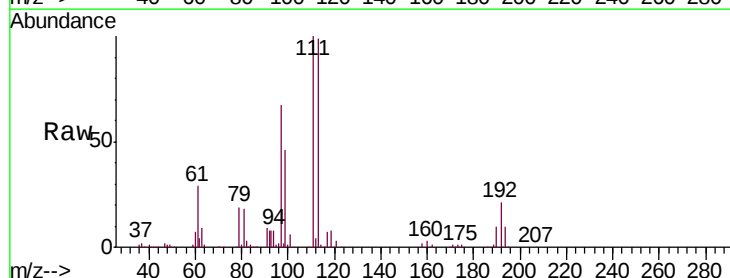
Tgt Ion: 97 Resp: 79481

Ion Ratio Lower Upper

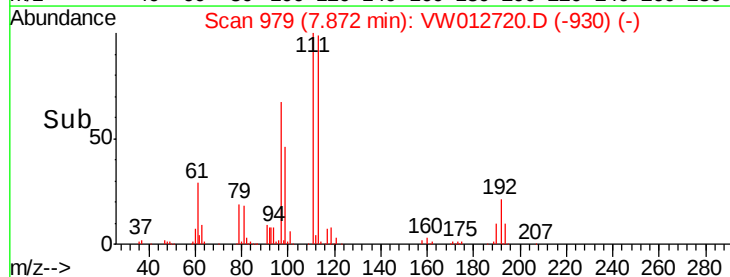
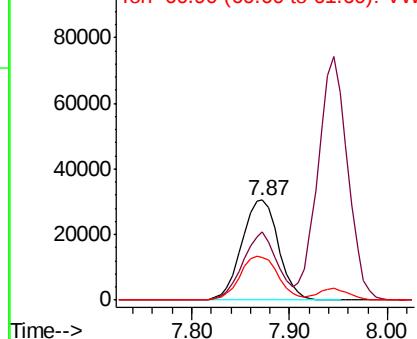
97 100

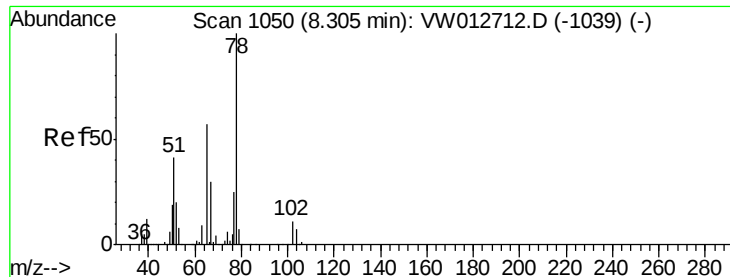
99 63.4 51.5 77.3

61 45.4 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

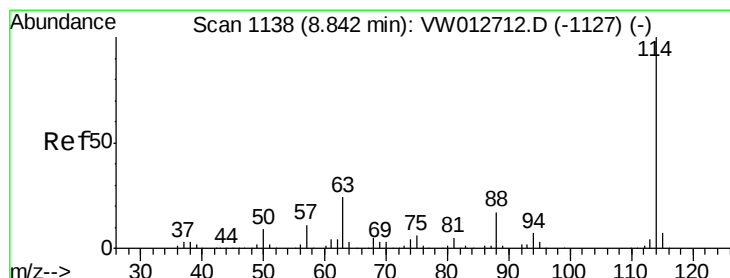
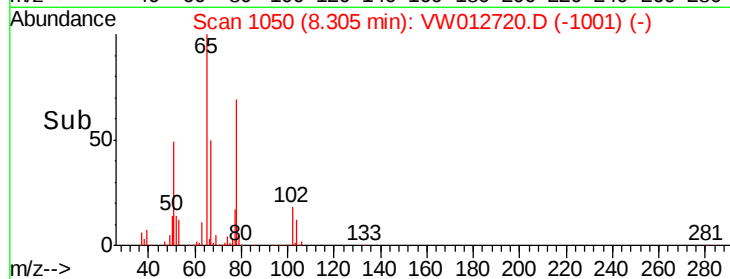
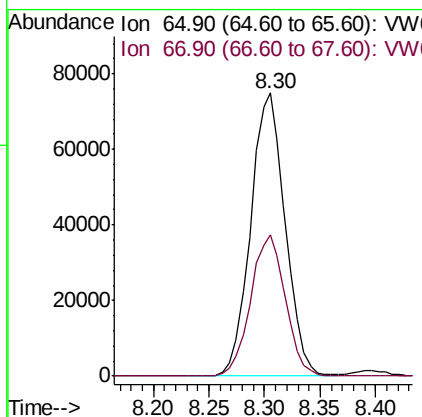
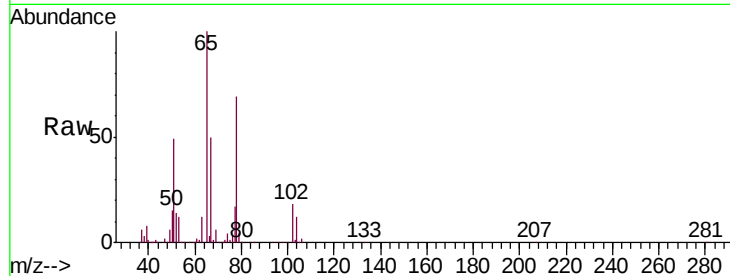




#33
 1,2-Dichloroethane-d4
 Concen: 54.008 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

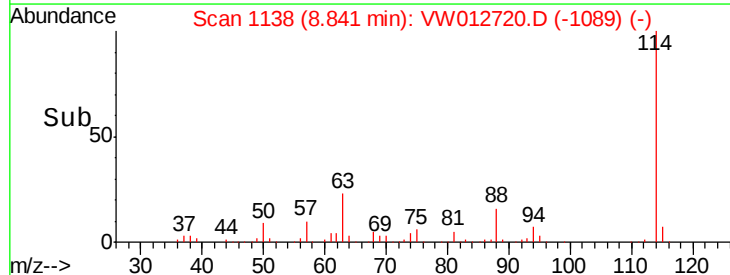
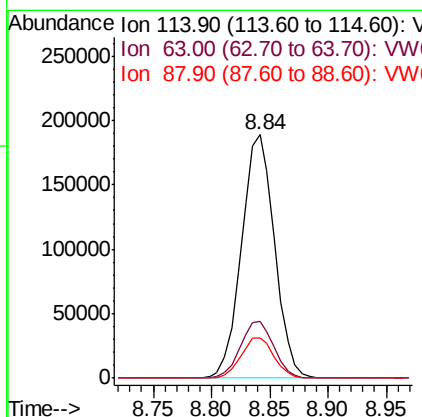
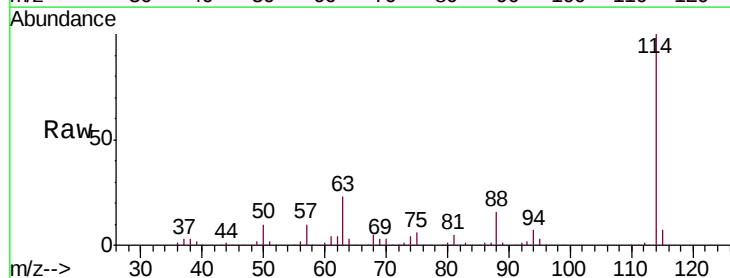
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

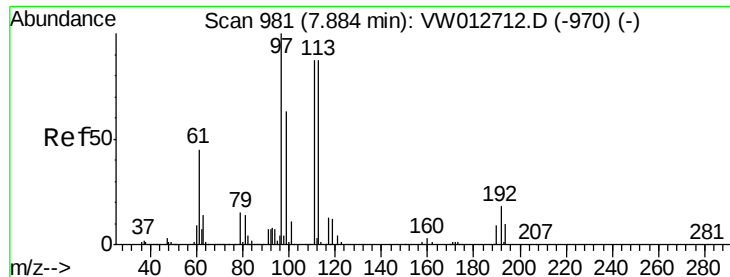
Tgt Ion: 65 Resp: 161312
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion: 114 Resp: 373451
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.4 0.0 34.0

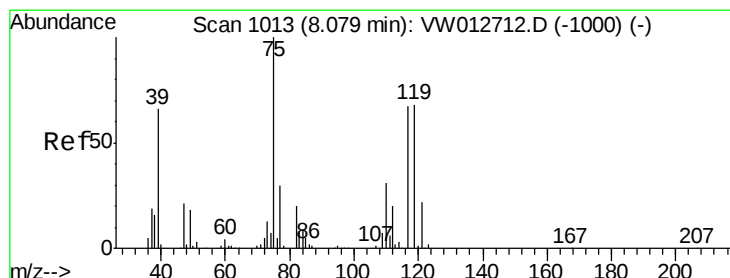
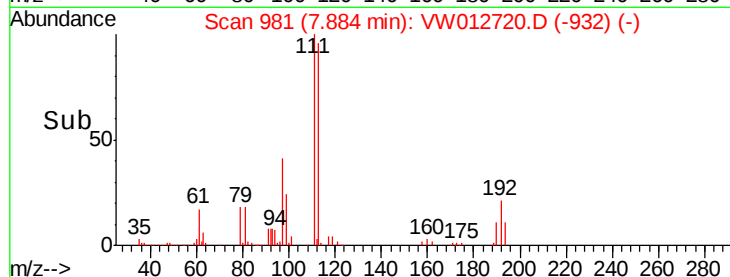
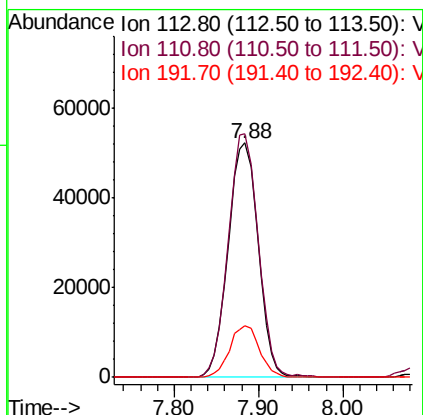
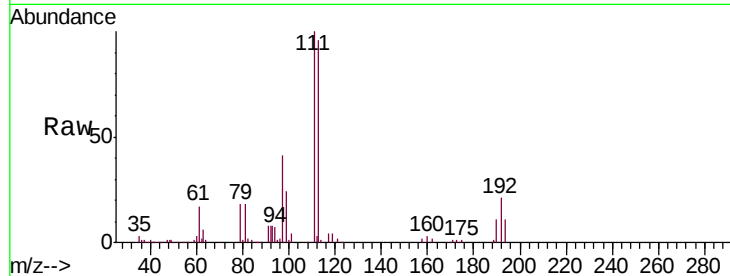




#35
 Dibromofluoromethane
 Concen: 56.903 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

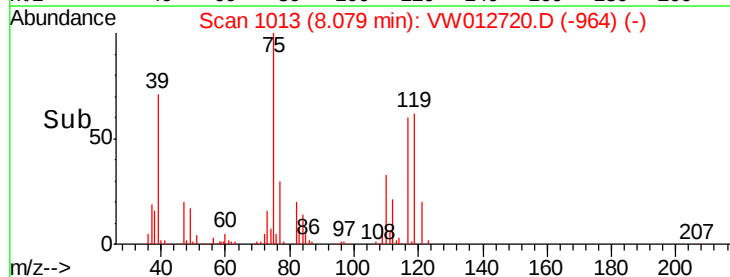
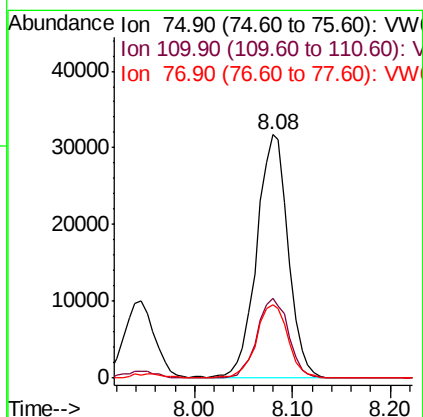
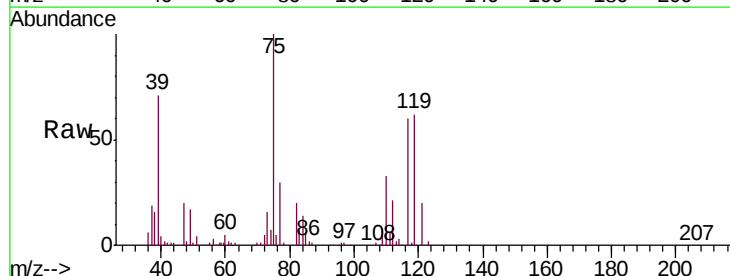
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

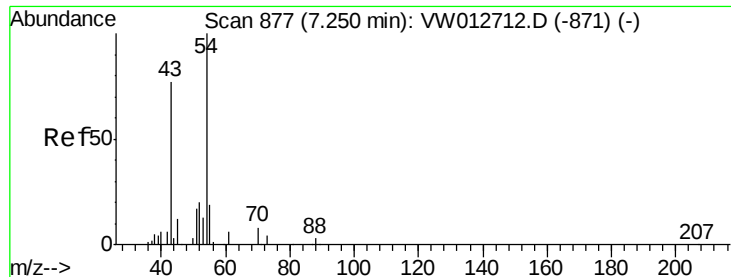
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.2	120.4
192	21.7	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 21.564 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	15.9	47.7
77	30.7	25.0	37.4

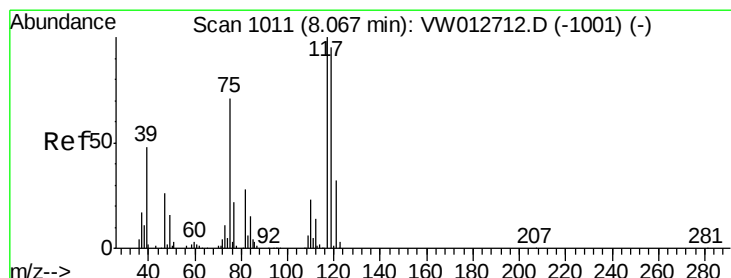
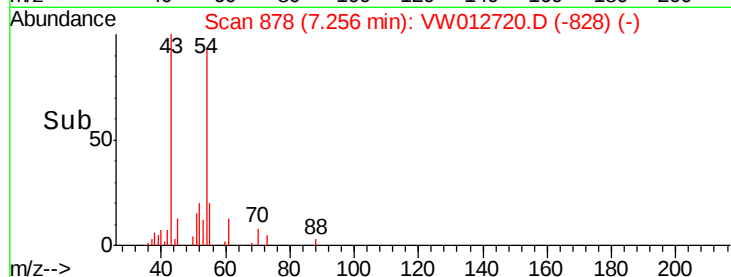
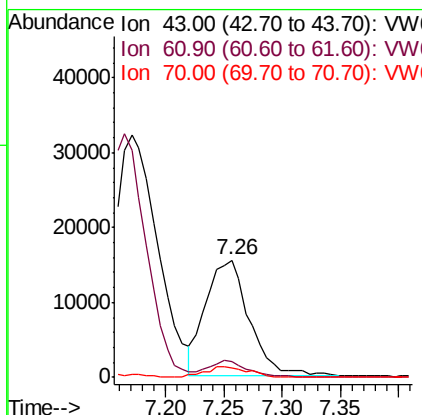
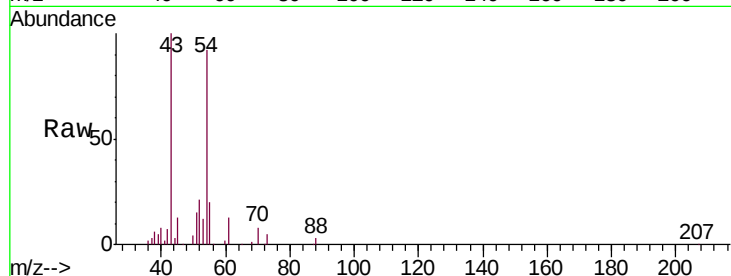




#37
 Ethyl Acetate
 Concen: 19.051 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

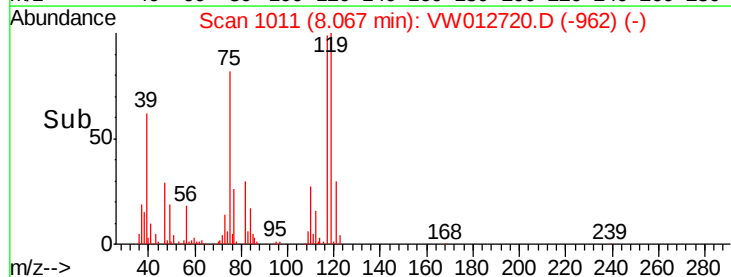
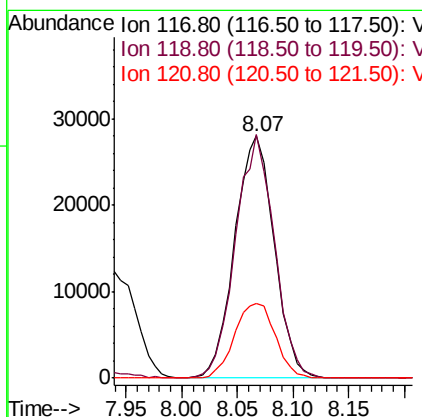
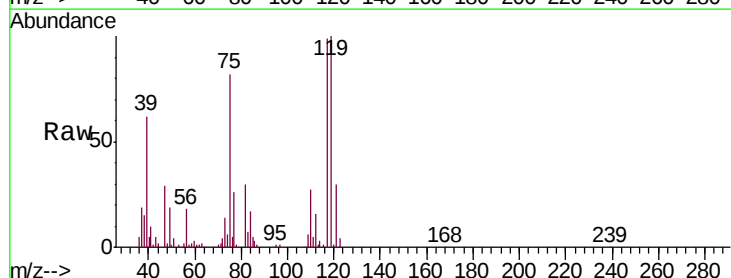
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

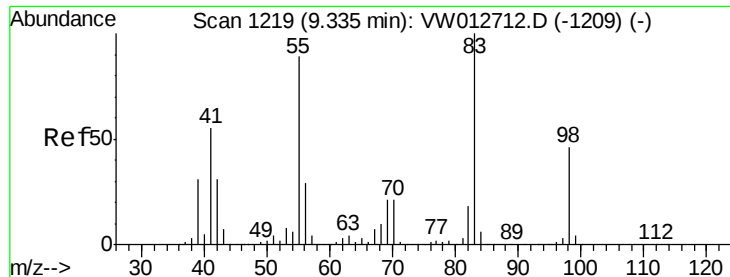
Tgt Ion: 43 Resp: 40297
 Ion Ratio Lower Upper
 43 100
 61 12.6 9.5 14.3
 70 9.4 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 21.109 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion: 117 Resp: 69045
 Ion Ratio Lower Upper
 117 100
 119 100.5 76.2 114.2
 121 30.6 25.4 38.2

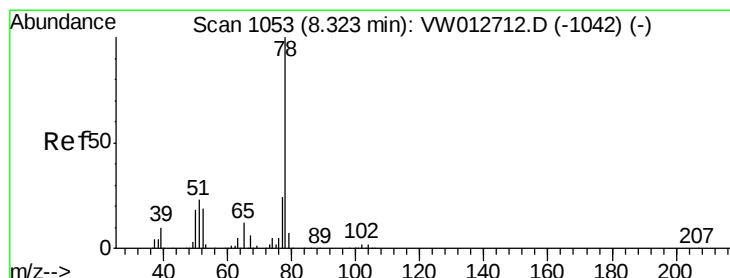
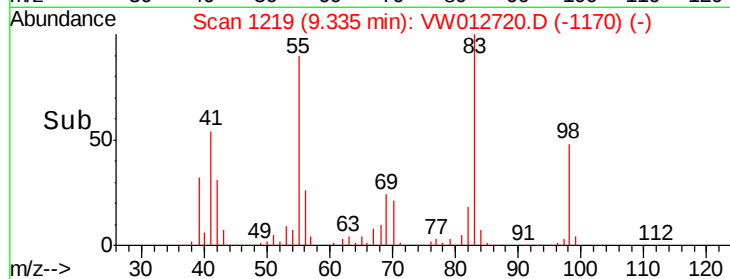
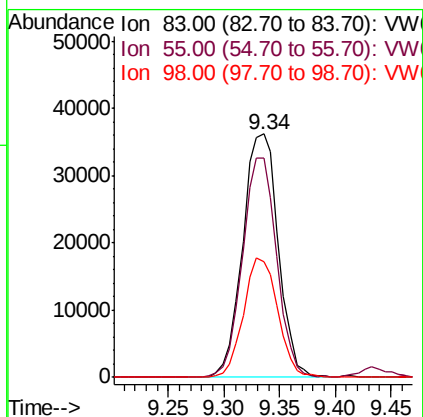
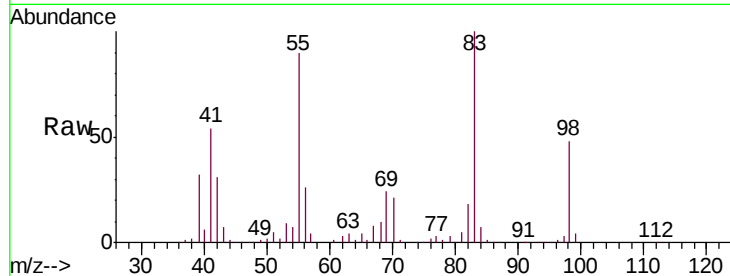




#39
Methylcyclohexane
Concen: 21.626 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

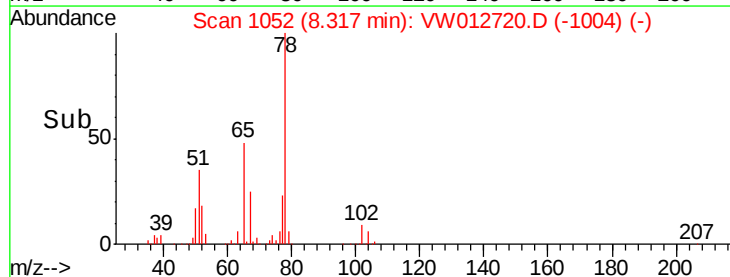
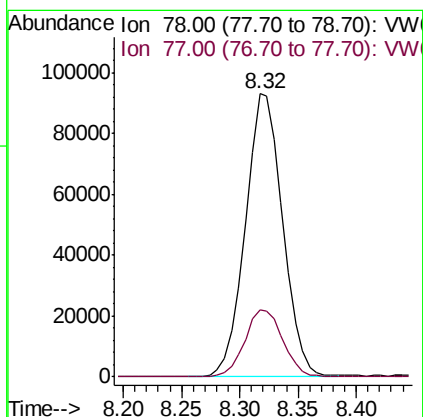
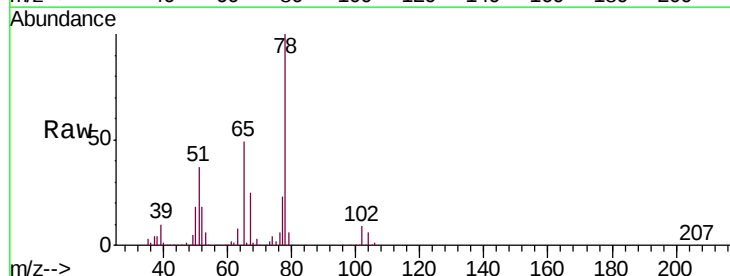
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

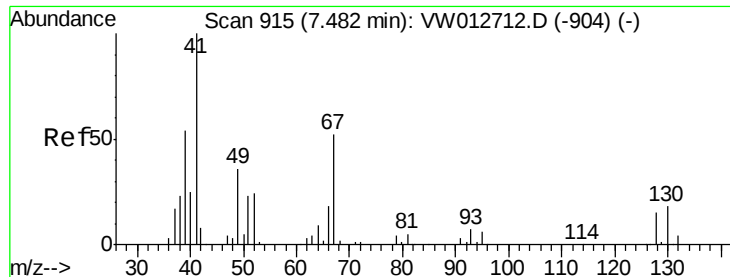
Tgt Ion: 83 Resp: 80596
Ion Ratio Lower Upper
83 100
55 90.1 71.0 106.4
98 47.6 36.9 55.3



#40
Benzene
Concen: 22.498 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 78 Resp: 207122
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

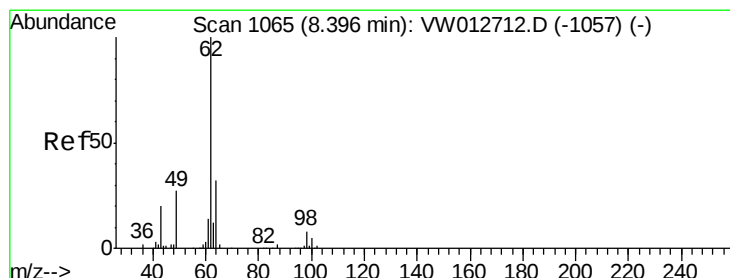
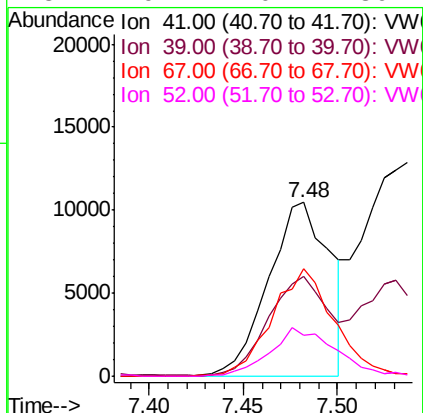
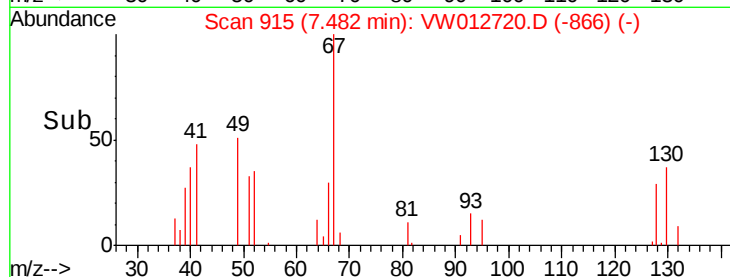
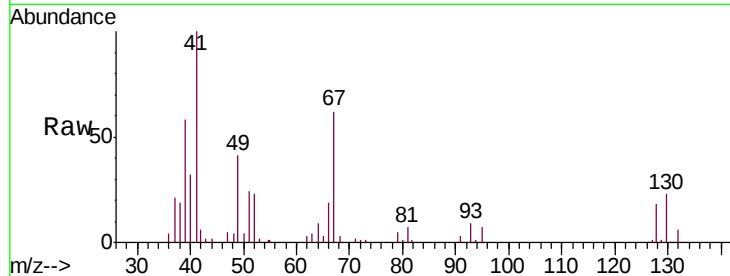




#41
Methacrylonitrile
Concen: 19.093 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

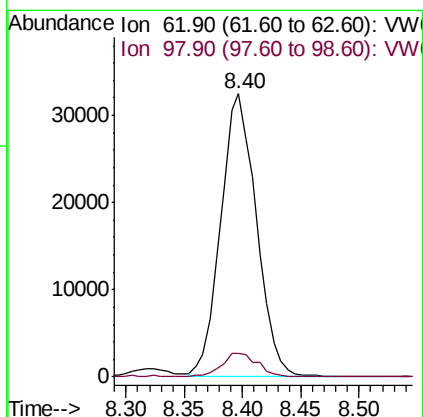
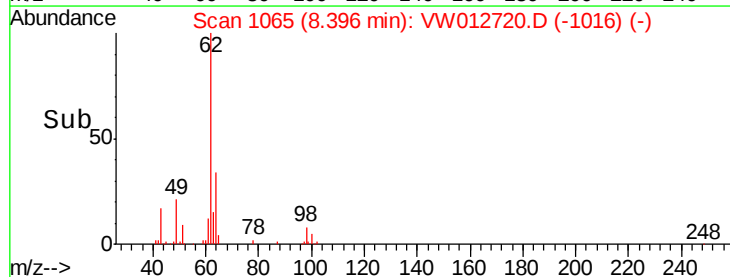
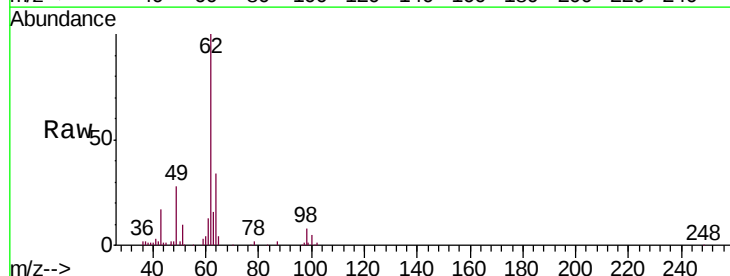
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

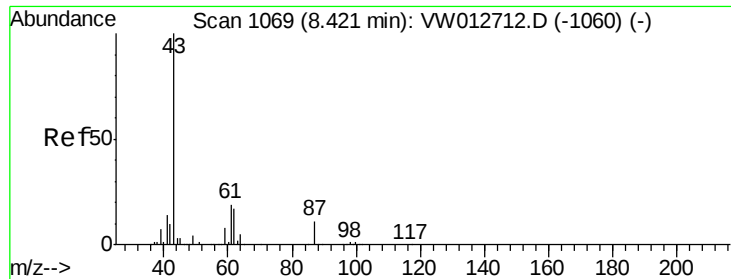
Tgt Ion:	41	Resp:	23758
Ion	Ratio	Lower	Upper
41	100		
39	56.0	47.5	71.3
67	63.0	45.1	67.7
52	29.7	20.2	30.2



#42
1,2-Dichloroethane
Concen: 21.330 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion:	62	Resp:	69112
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2

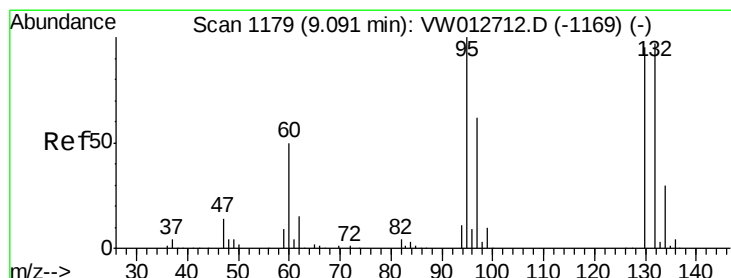
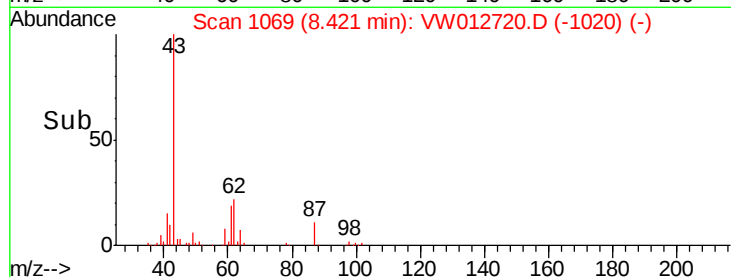
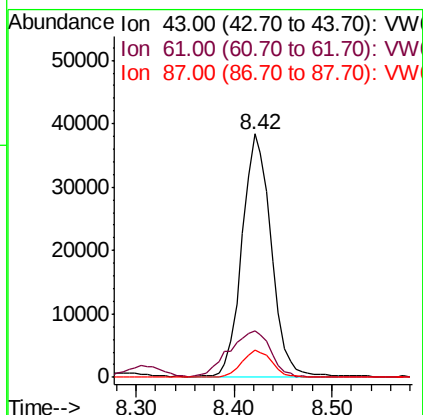
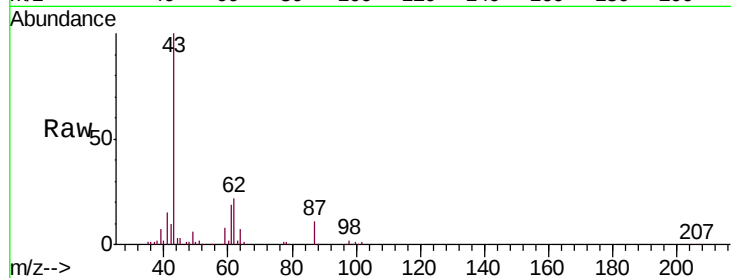




#43
Isopropyl Acetate
Concen: 19.706 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

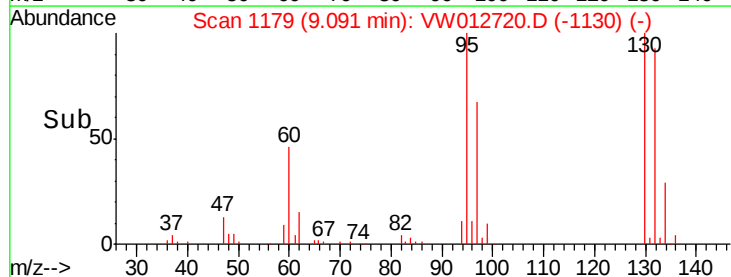
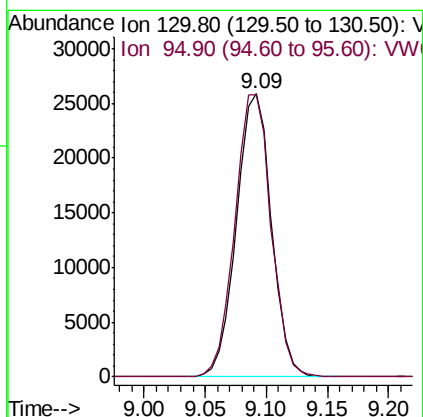
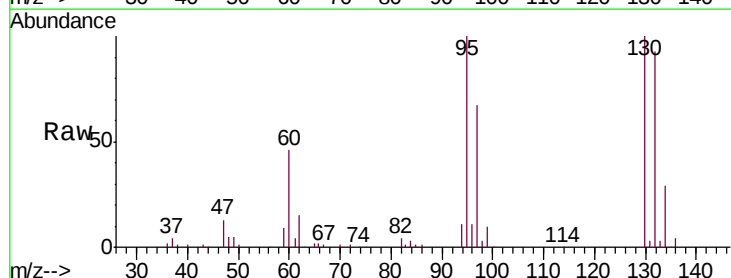
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

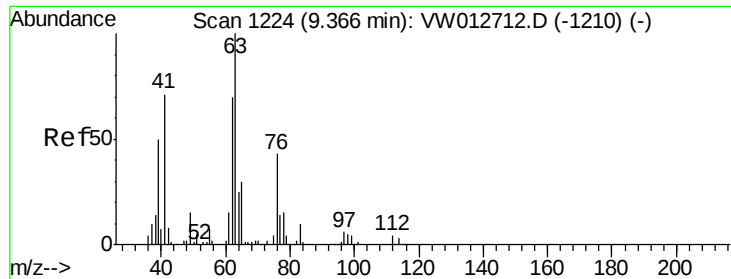
Tgt Ion: 43 Resp: 78971
Ion Ratio Lower Upper
43 100
61 27.6 20.6 30.8
87 11.4 8.6 13.0



#44
Trichloroethene
Concen: 21.587 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 130 Resp: 51230
Ion Ratio Lower Upper
130 100
95 99.6 0.0 210.6

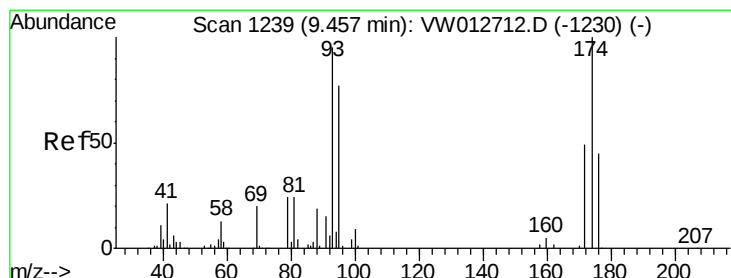
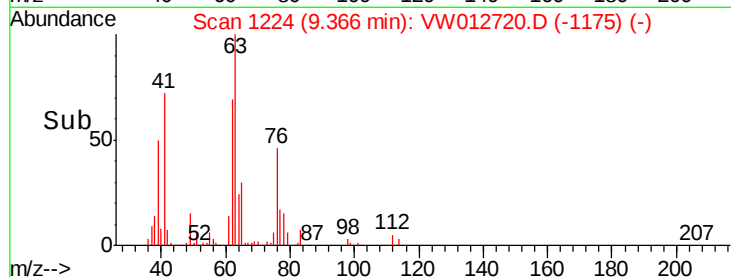
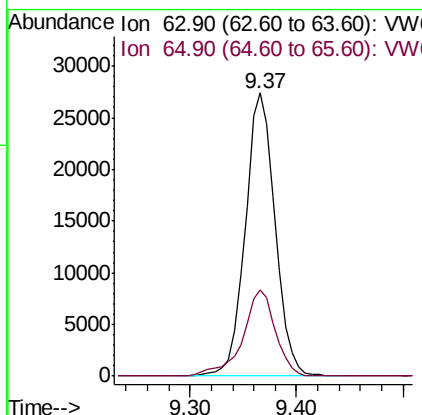
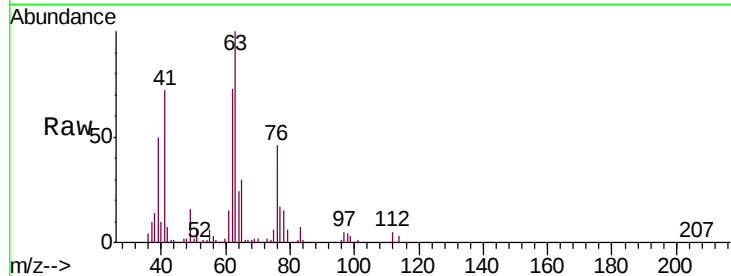




#45
 1,2-Dichloropropane
 Concen: 21.056 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

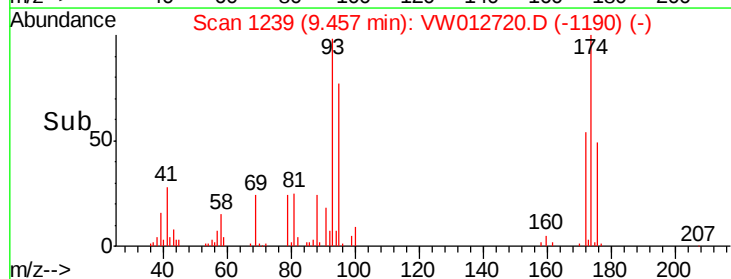
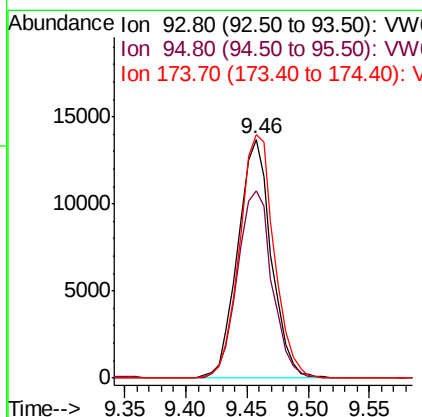
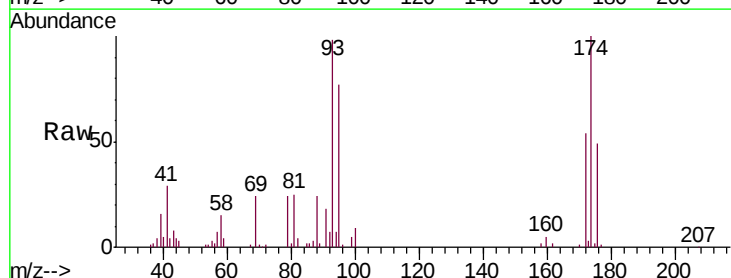
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

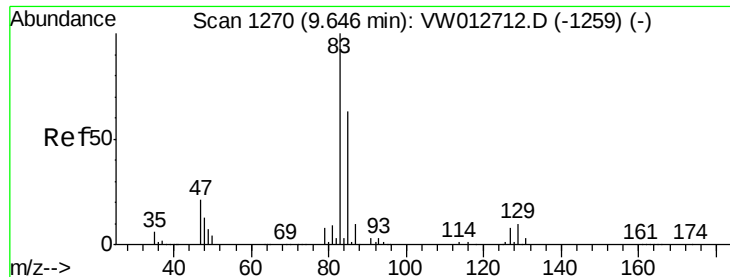
Tgt Ion: 63 Resp: 53766
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.8 35.8



#46
 Dibromomethane
 Concen: 21.484 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion: 93 Resp: 25977
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.2 97.8
 174 105.5 84.2 126.4





#47

Bromodichloromethane

Concen: 21.487 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

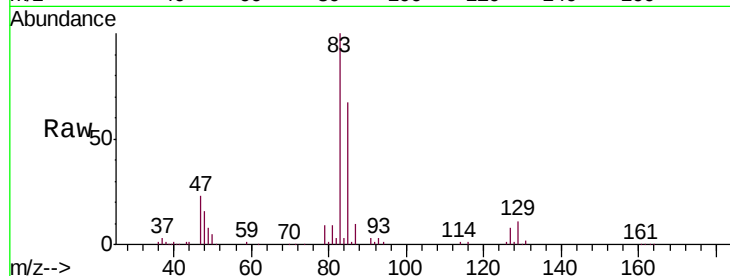
Tgt Ion: 83 Resp: 71479

Ion Ratio Lower Upper

83 100

85 66.5 50.2 75.2

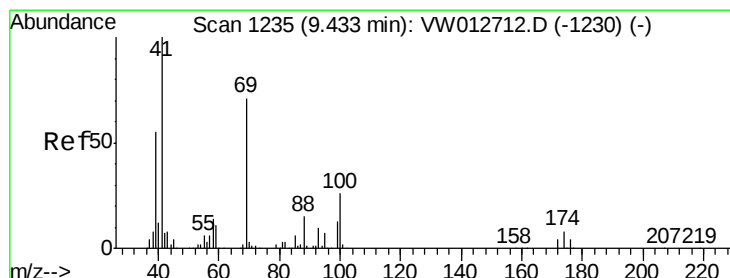
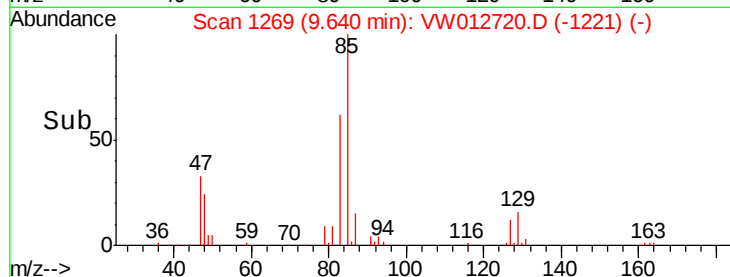
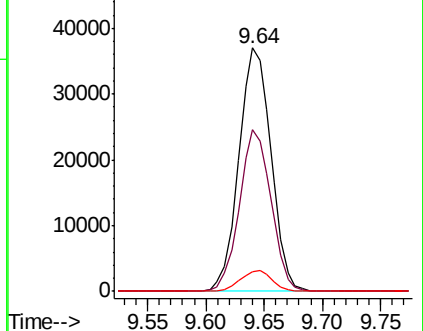
127 8.1 6.6 9.8



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: 19.397 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

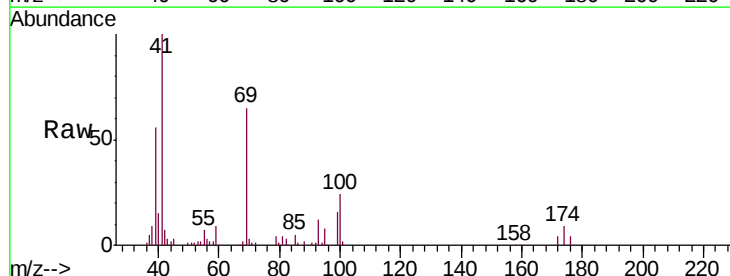
Tgt Ion: 41 Resp: 37148

Ion Ratio Lower Upper

41 100

69 75.5 59.8 89.8

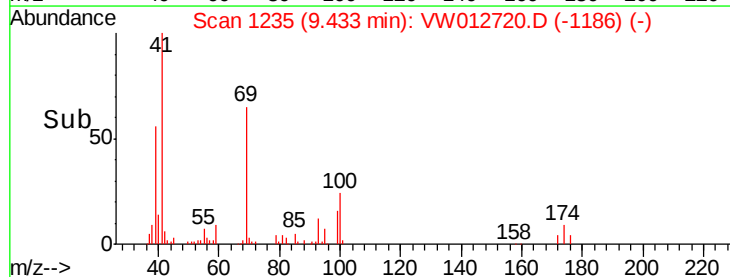
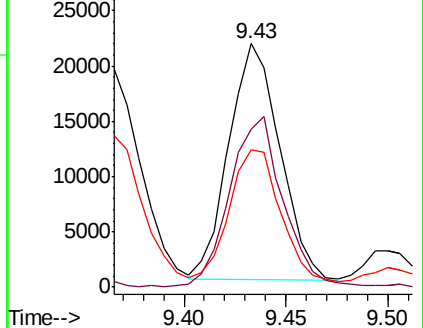
39 60.5 47.0 70.6

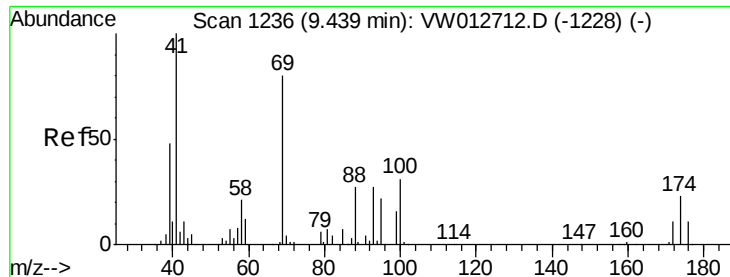


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 364.929 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

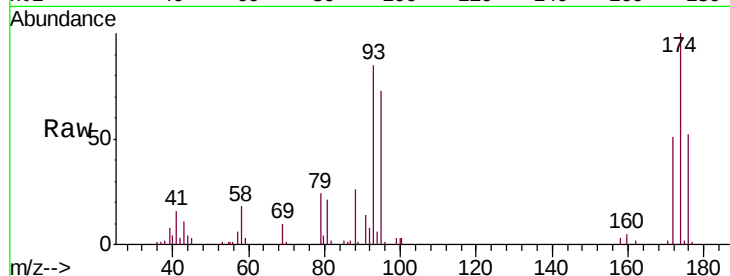
Tgt Ion: 88 Resp: 8716

Ion Ratio Lower Upper

88 100

43 0.0 34.8 52.2#

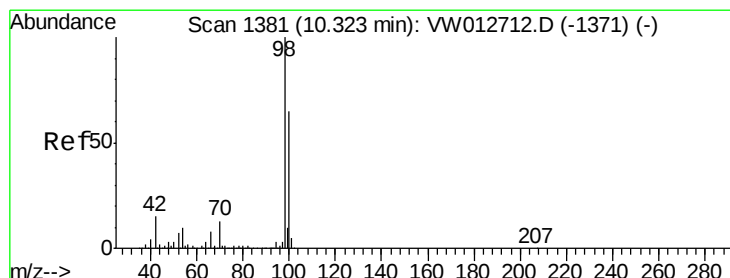
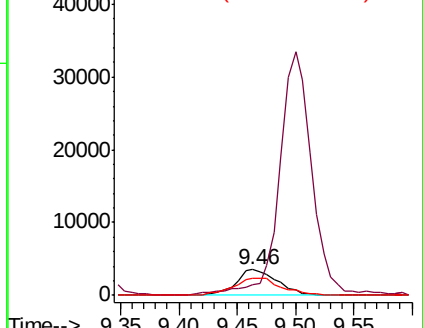
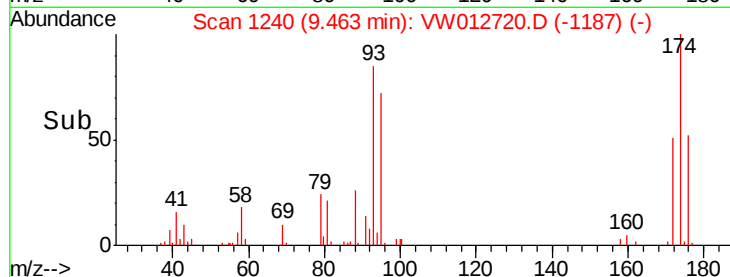
58 78.2 64.1 96.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.666 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012720.D

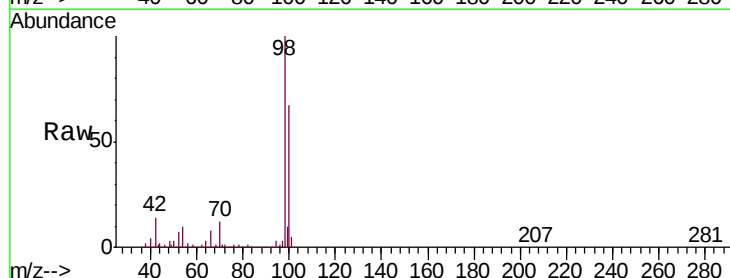
Acq: 07 Sep 2019 15:37

Tgt Ion: 98 Resp: 458118

Ion Ratio Lower Upper

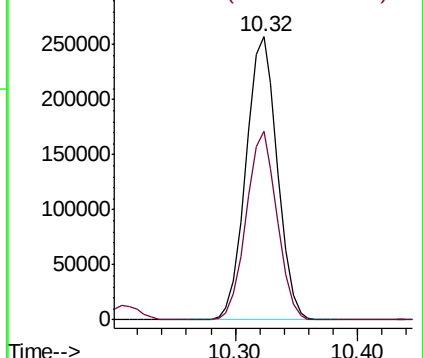
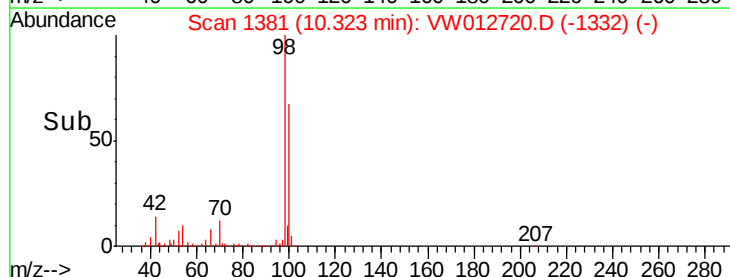
98 100

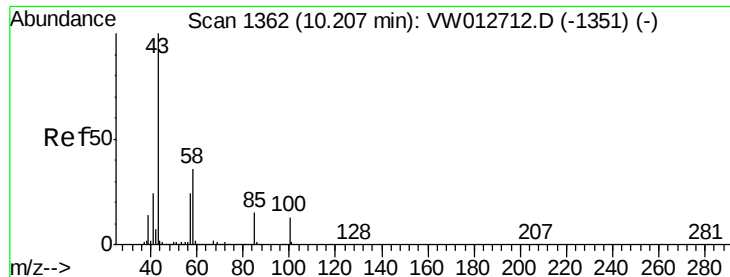
100 65.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 85.382 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

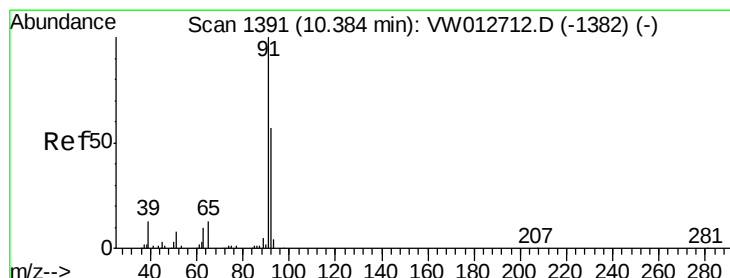
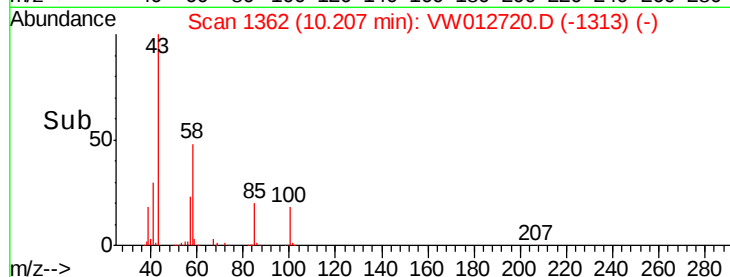
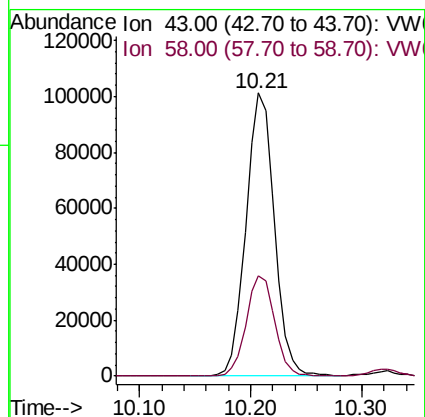
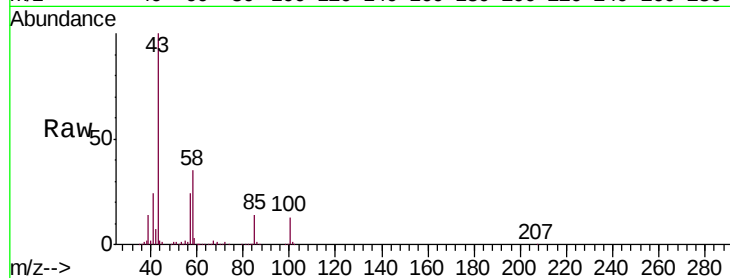
VW0907SBSD01

Tgt Ion: 43 Resp: 179547

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6



#52

Toluene

Concen: 19.779 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012720.D

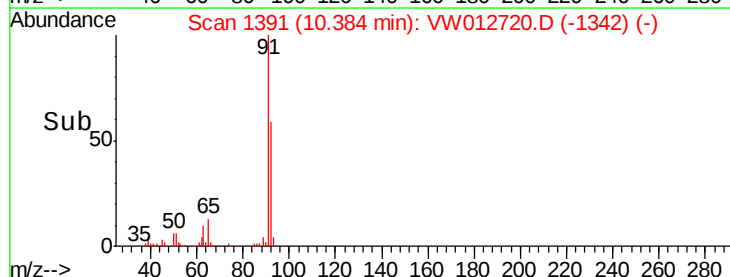
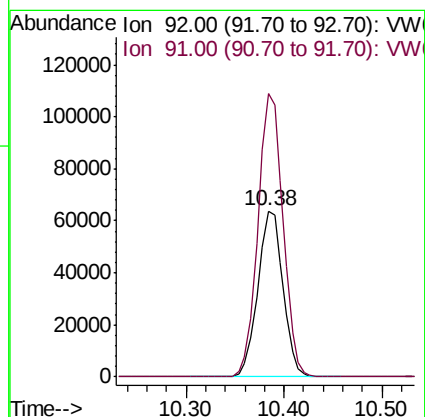
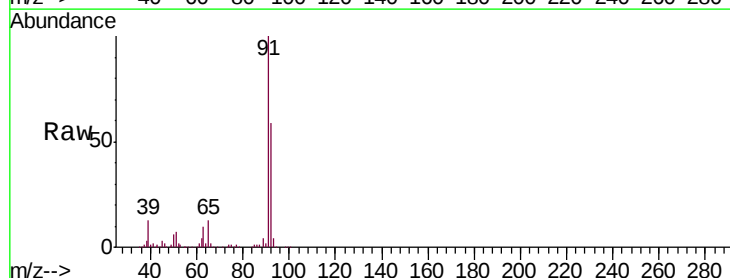
Acq: 07 Sep 2019 15:37

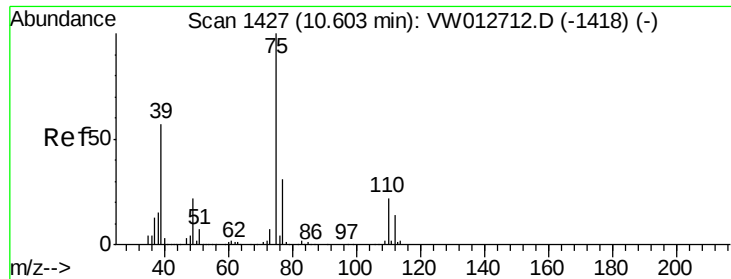
Tgt Ion: 92 Resp: 113652

Ion Ratio Lower Upper

92 100

91 169.9 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.817 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

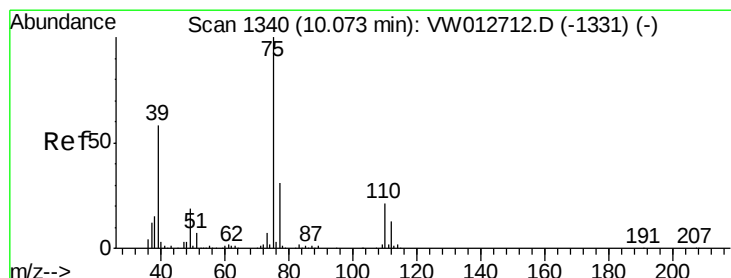
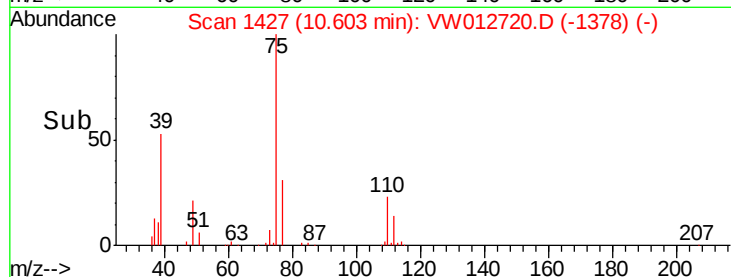
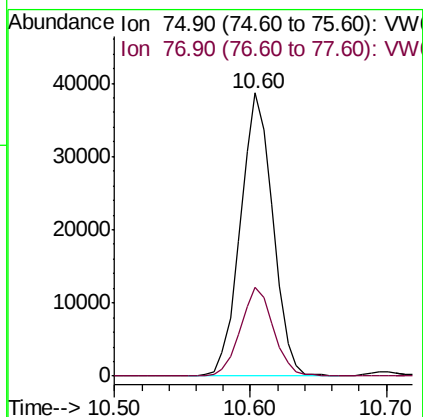
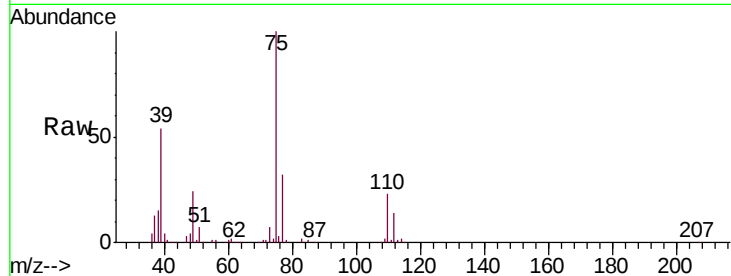
VW0907SBSD01

Tgt Ion: 75 Resp: 64368

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 19.086 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

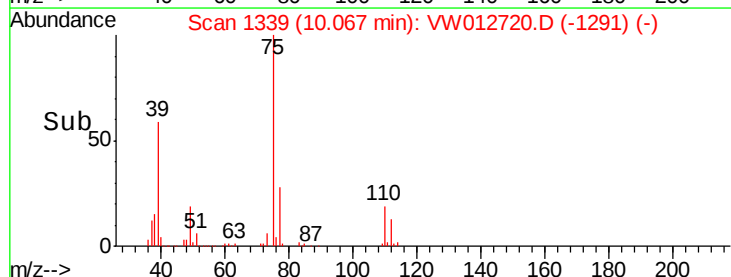
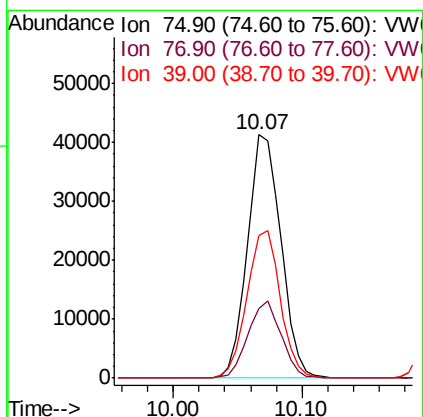
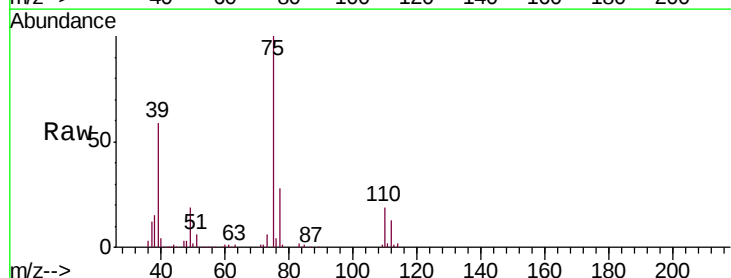
Tgt Ion: 75 Resp: 74062

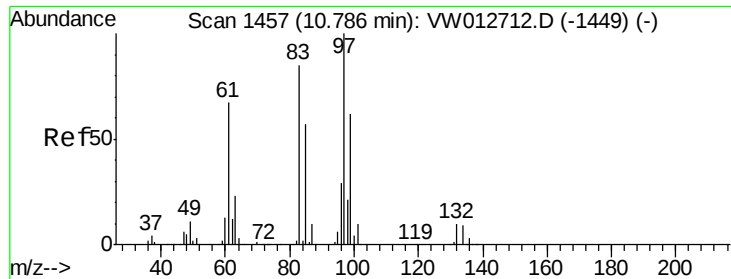
Ion Ratio Lower Upper

75 100

77 28.5 24.6 36.8

39 58.8 46.3 69.5

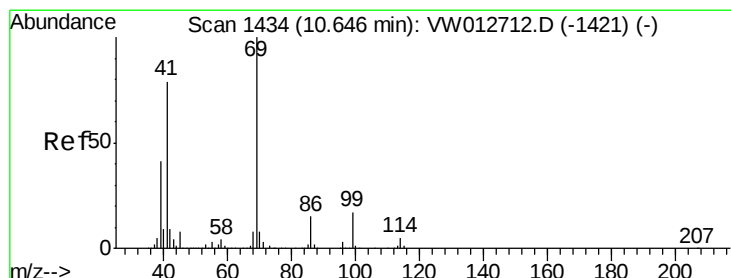
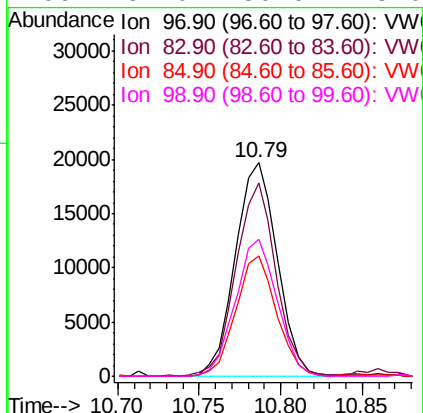
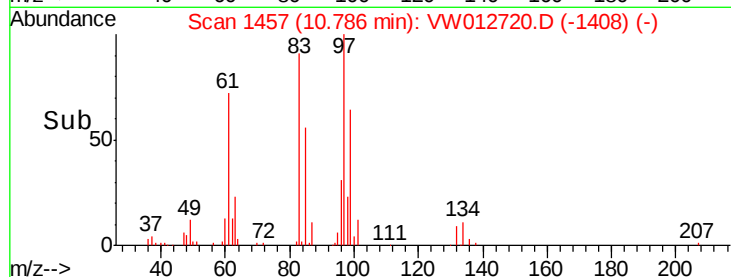
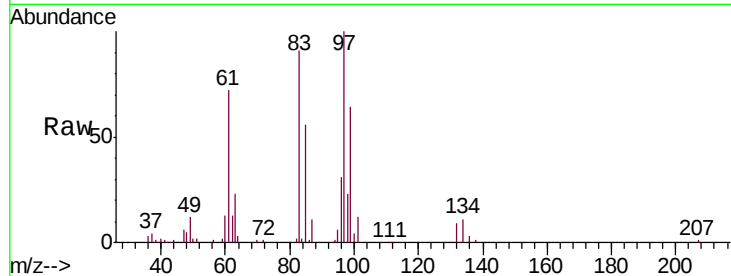




#55
 1,1,2-Trichloroethane
 Concen: 19.442 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

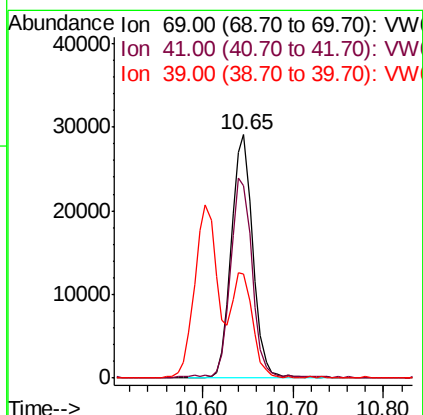
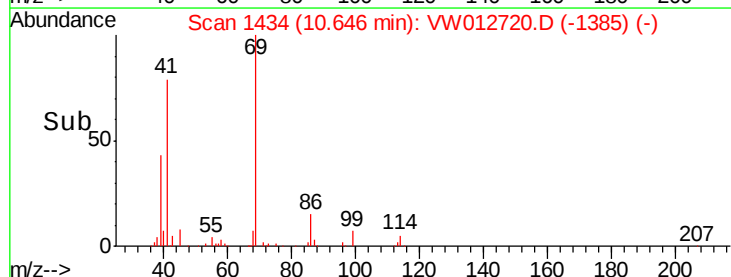
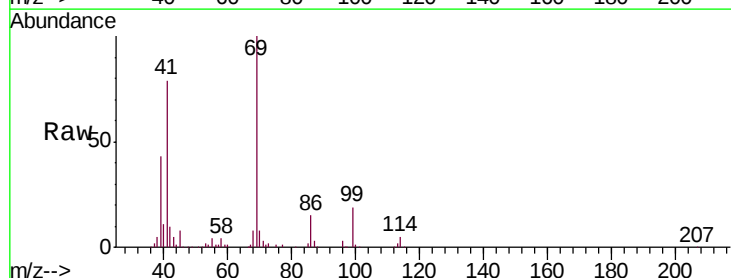
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

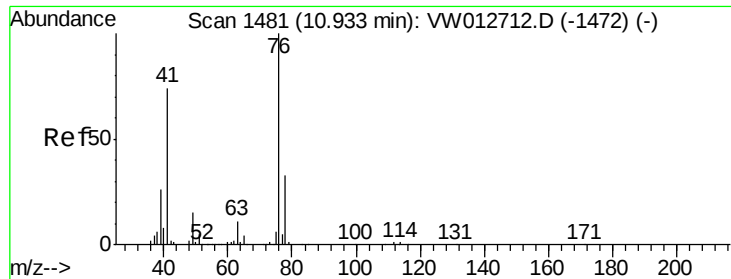
Tgt Ion:	97	Resp:	35194
Ion	Ratio	Lower	Upper
97	100		
83	90.4	68.1	102.1
85	56.3	45.3	67.9
99	64.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.065 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion:	69	Resp:	47868
Ion	Ratio	Lower	Upper
69	100		
41	80.4	64.4	96.6
39	39.5	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.318 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

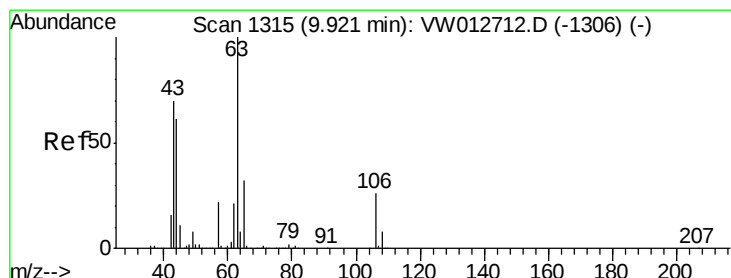
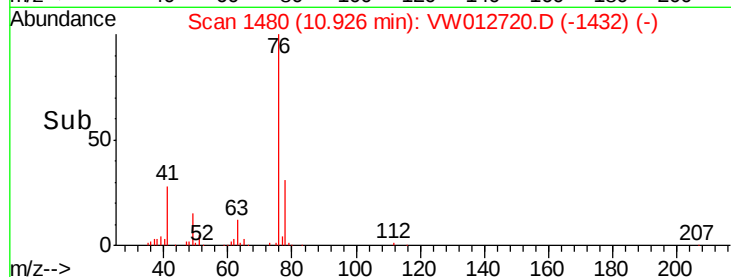
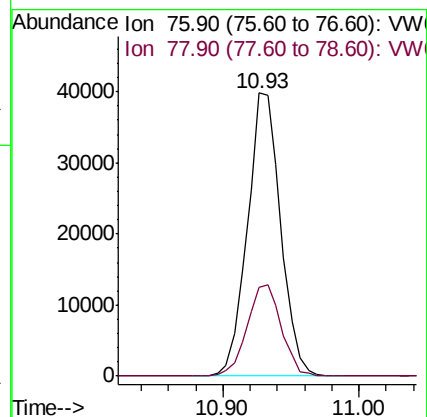
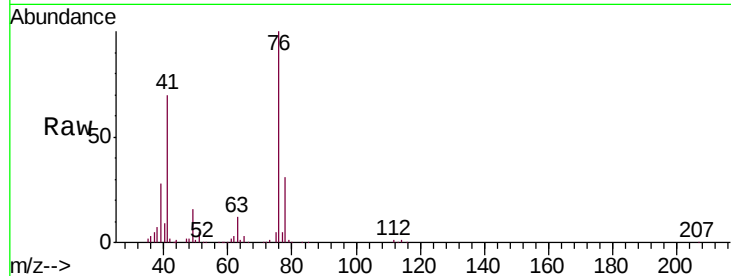
VW0907SBSD01

Tgt Ion: 76 Resp: 68043

Ion Ratio Lower Upper

76 100

78 33.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 92.046 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012720.D

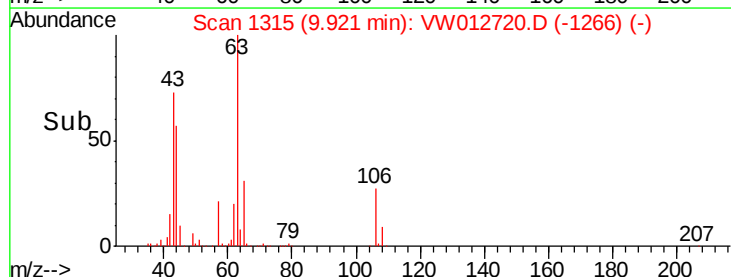
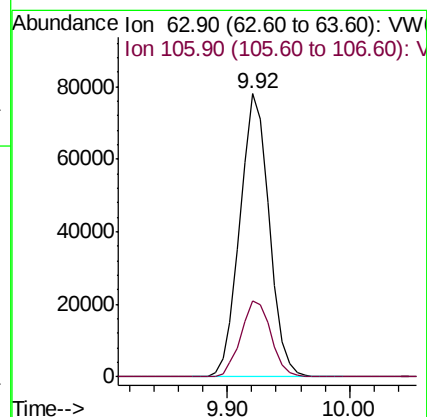
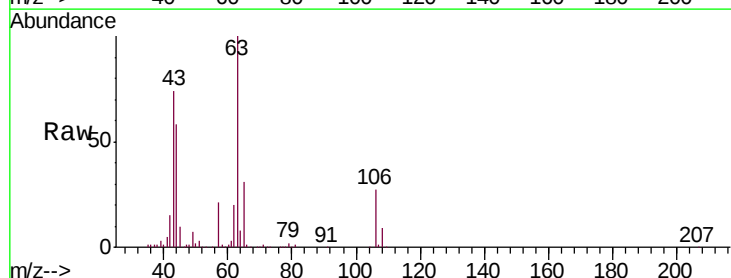
Acq: 07 Sep 2019 15:37

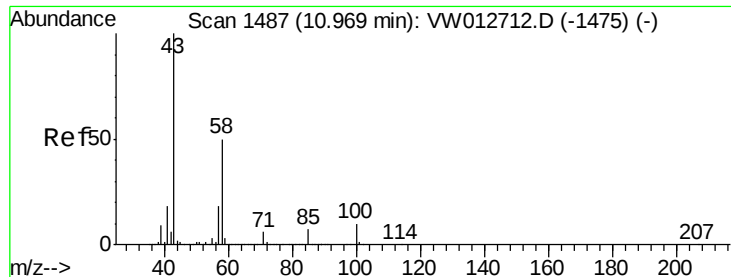
Tgt Ion: 63 Resp: 129485

Ion Ratio Lower Upper

63 100

106 27.6 20.5 30.7

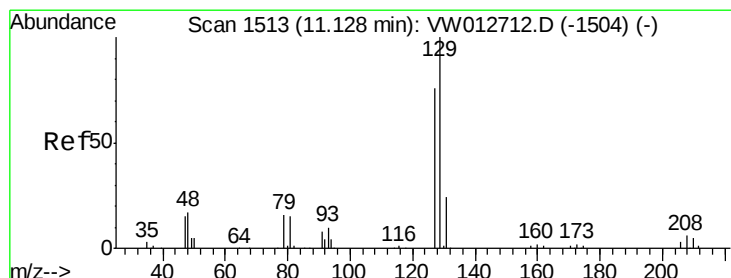
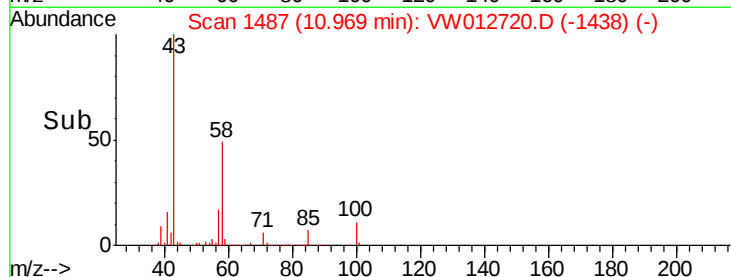
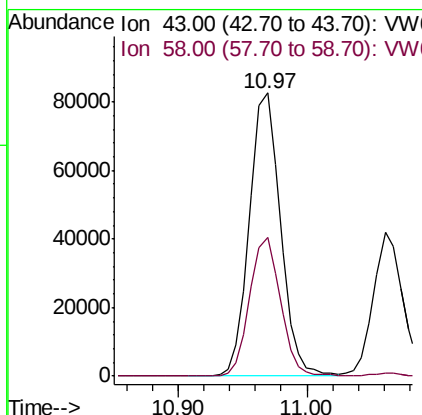
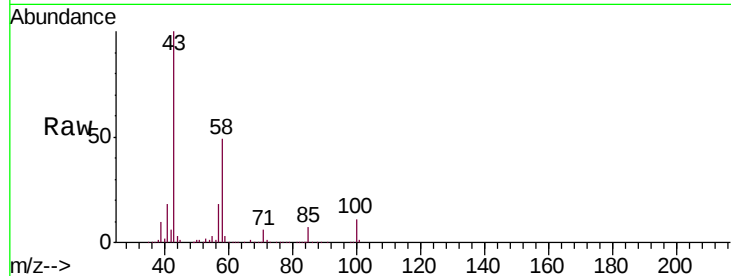




#59
2-Hexanone
Concen: 89.680 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

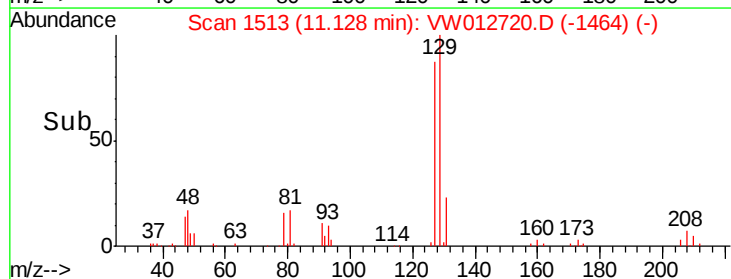
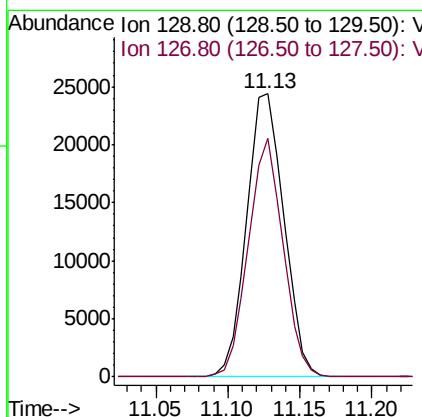
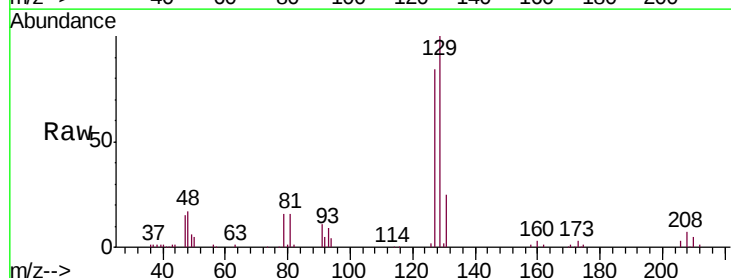
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

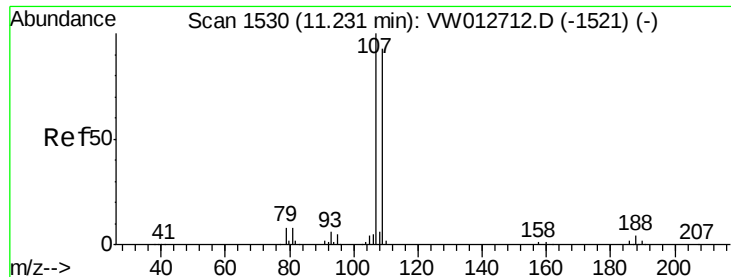
Tgt Ion: 43 Resp: 137777
Ion Ratio Lower Upper
43 100
58 48.6 24.7 74.1



#60
Dibromochloromethane
Concen: 20.500 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 129 Resp: 43645
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8

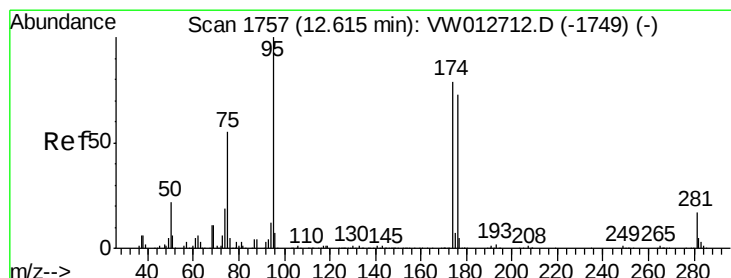
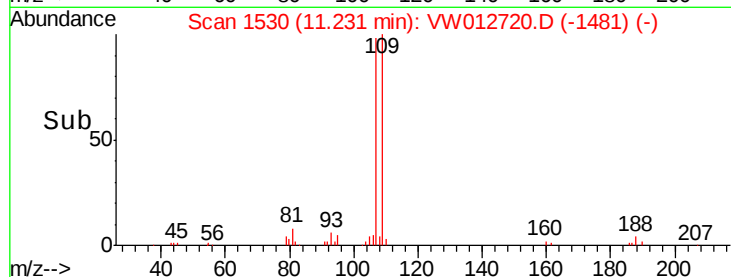
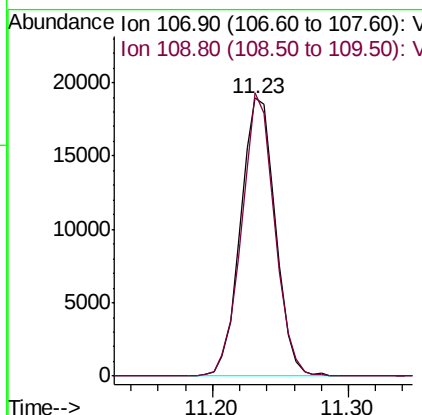
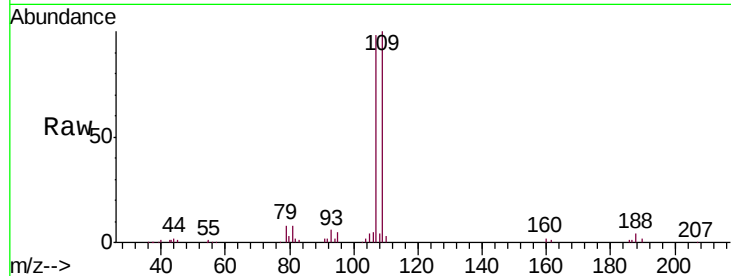




#61
 1,2-Dibromoethane
 Concen: 20.441 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

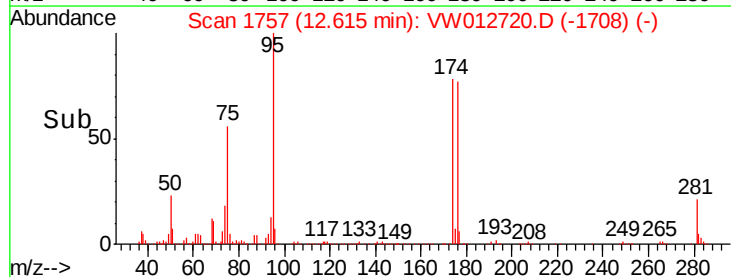
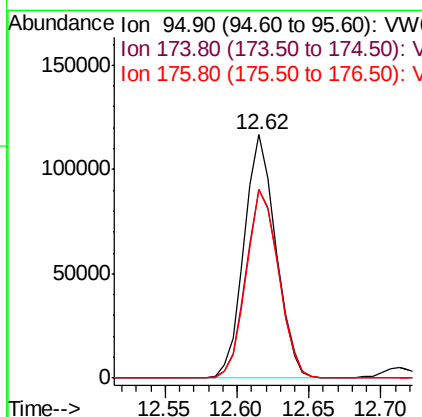
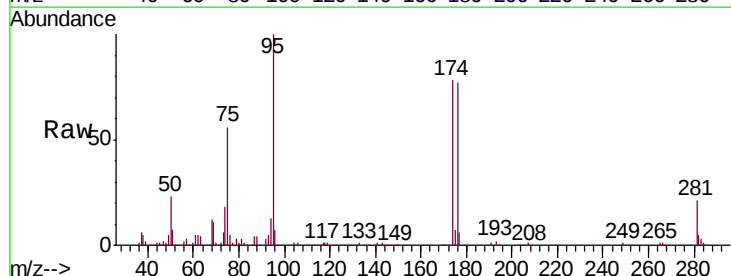
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

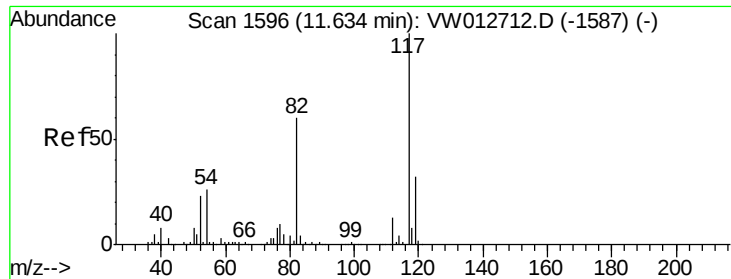
Tgt Ion: 107 Resp: 33925
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 56.448 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion: 95 Resp: 178254
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 161.0
 176 78.6 0.0 156.4

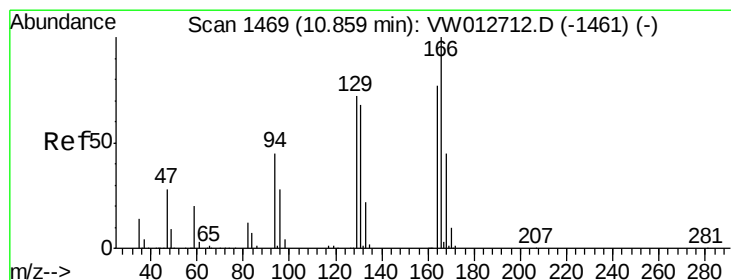
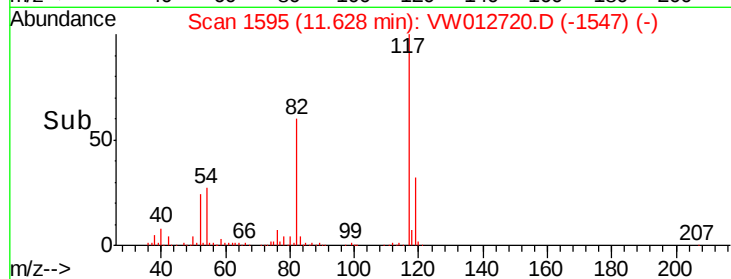
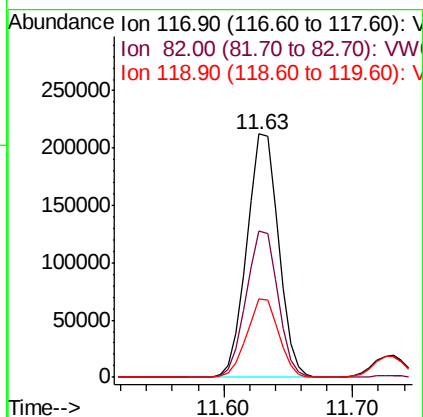
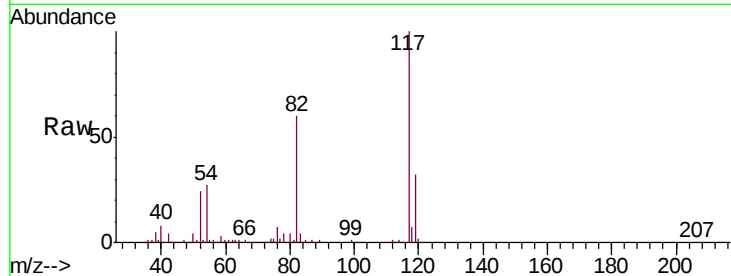




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

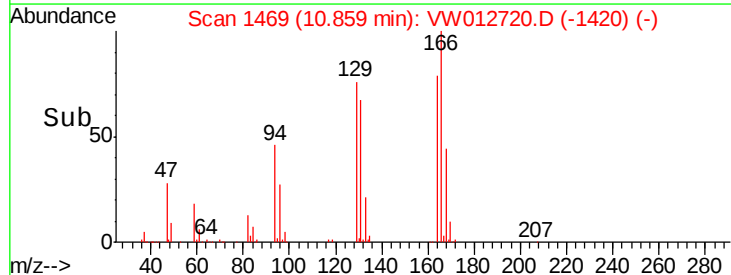
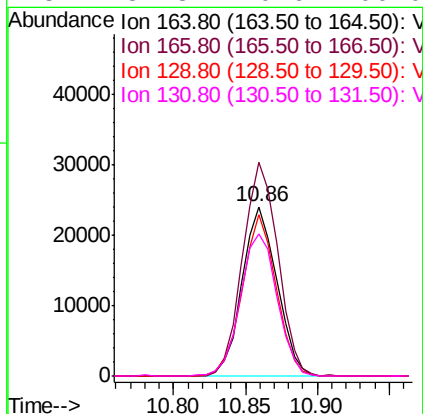
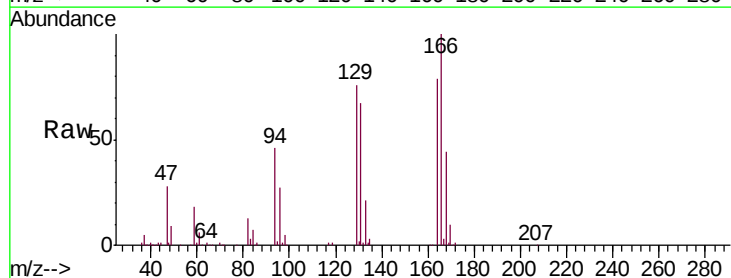
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

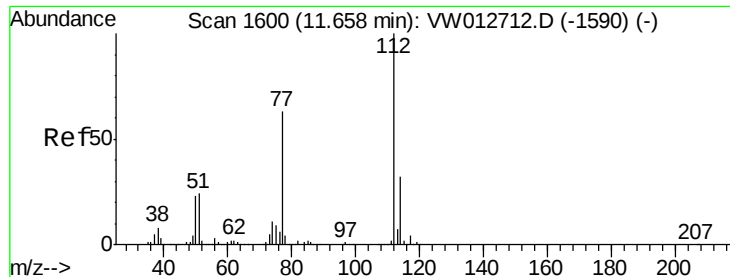
Tgt Ion:117 Resp: 360808
Ion Ratio Lower Upper
117 100
82 59.8 48.2 72.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 18.361 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion:164 Resp: 40198
Ion Ratio Lower Upper
164 100
166 126.3 103.6 155.4
129 95.5 74.6 112.0
131 84.3 70.6 106.0

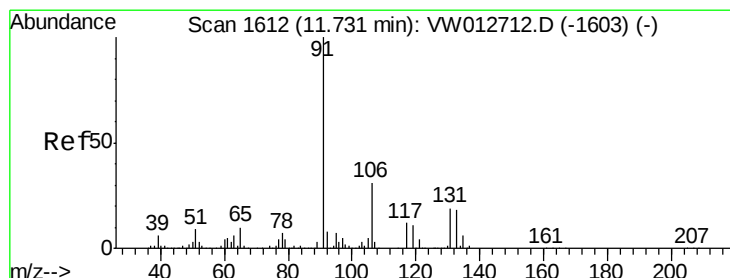
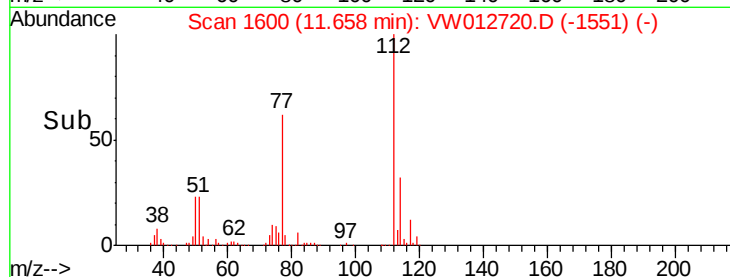
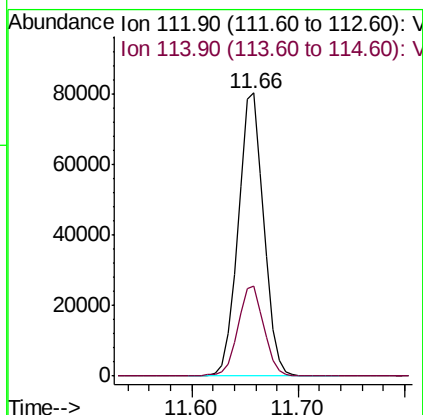
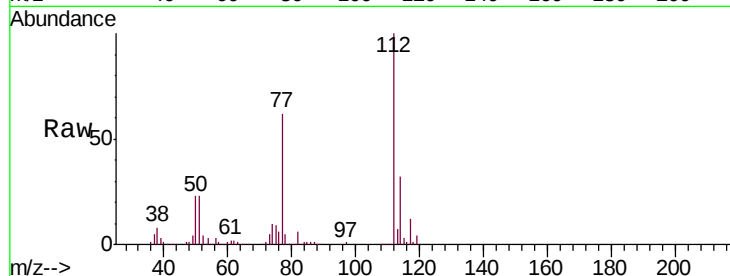




#65
Chlorobenzene
Concen: 19.811 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

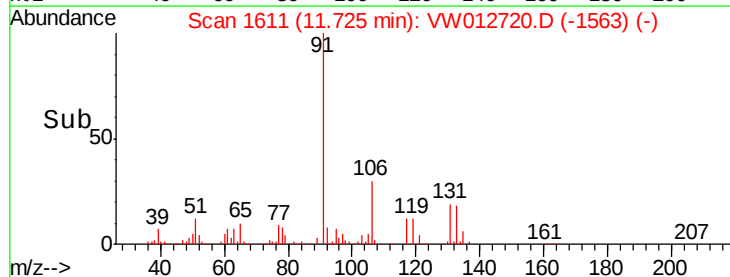
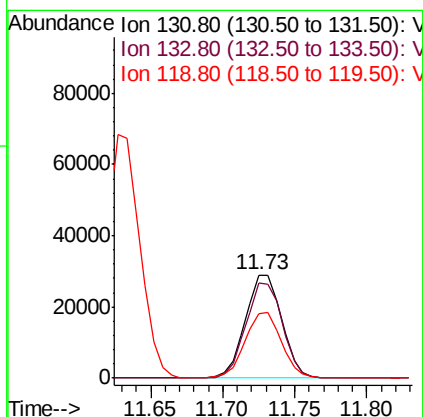
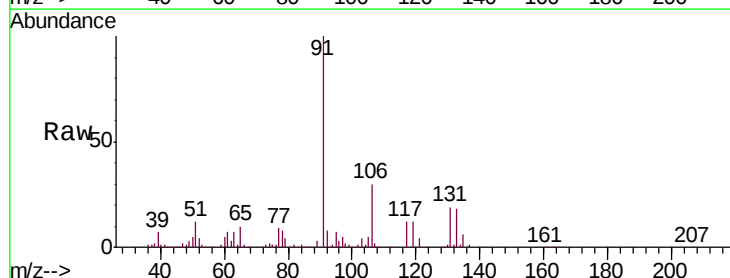
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

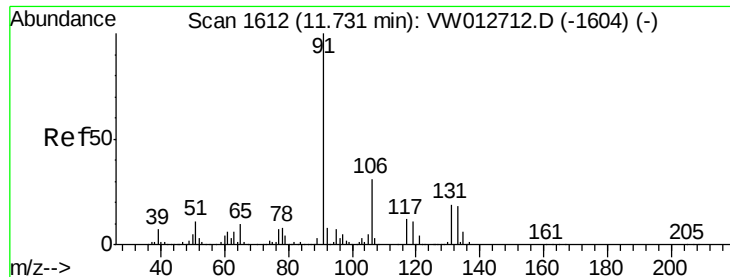
Tgt Ion:112 Resp: 135101
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.004 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion:131 Resp: 50802
Ion Ratio Lower Upper
131 100
133 92.5 47.6 142.8
119 62.7 30.6 92.0

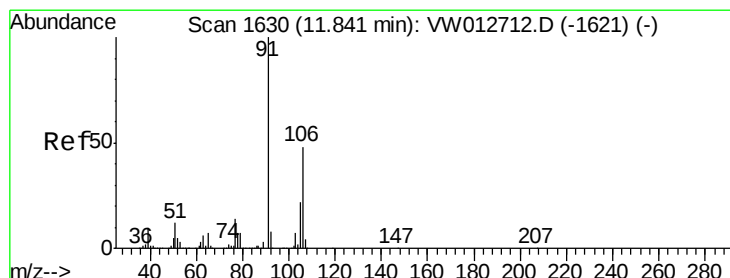
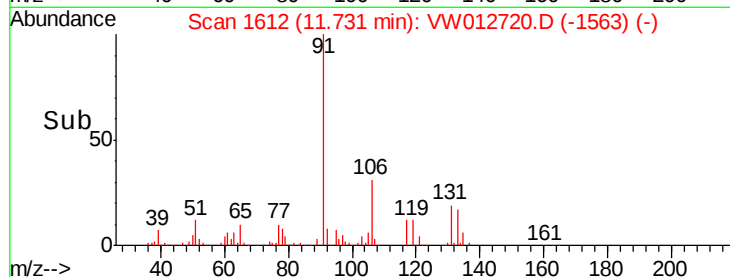
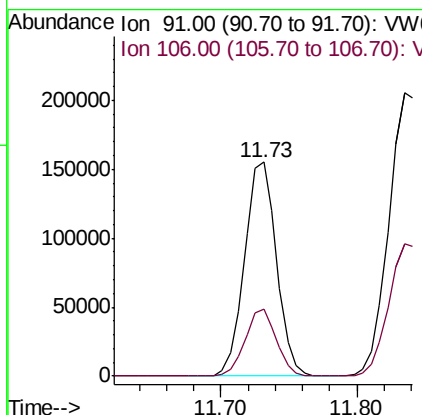
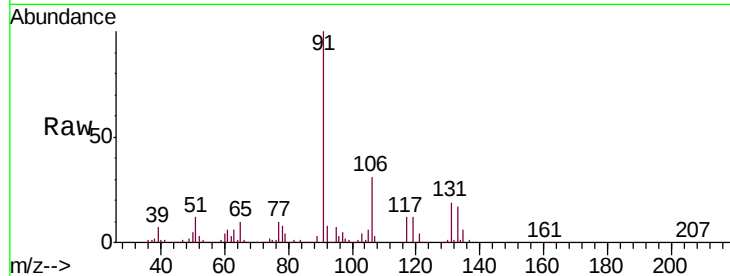




#67
Ethyl Benzene
Concen: 19.967 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

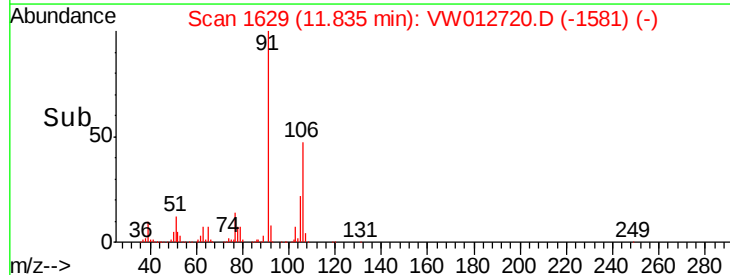
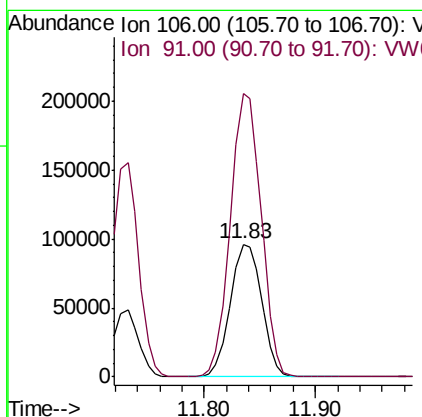
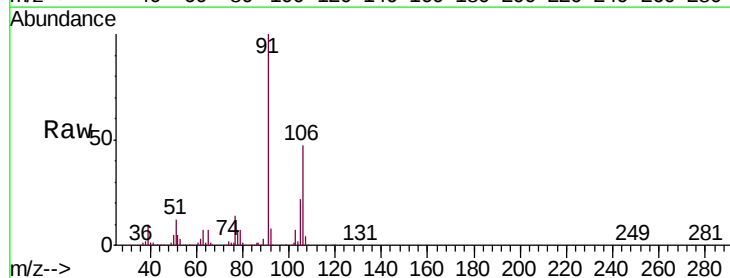
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

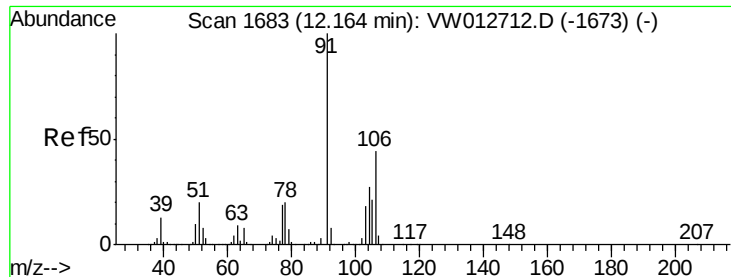
Tgt Ion: 91 Resp: 255476
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6



#68
m/p-Xylenes
Concen: 40.584 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 106 Resp: 187429
Ion Ratio Lower Upper
106 100
91 209.5 168.2 252.4

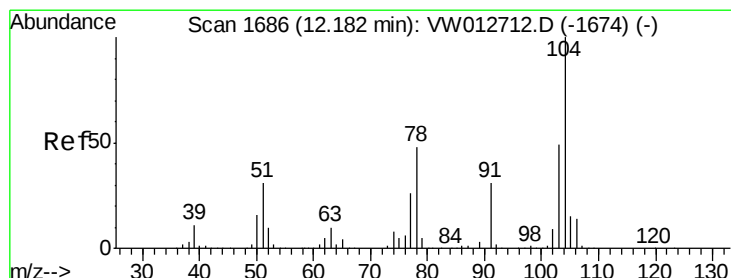
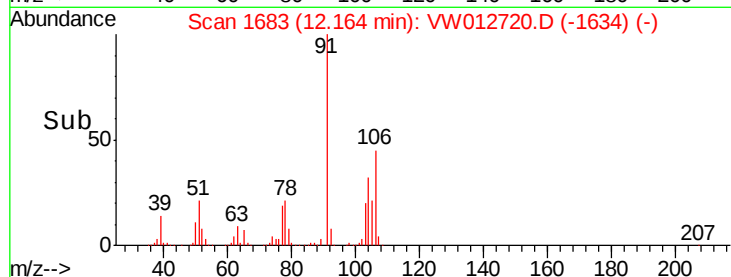
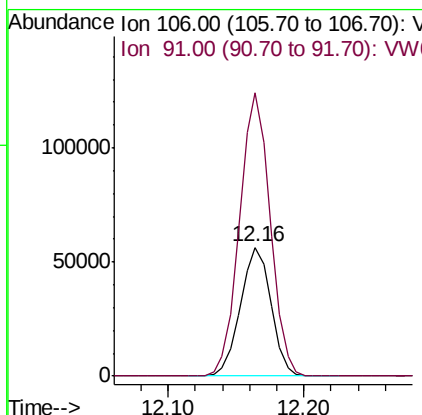
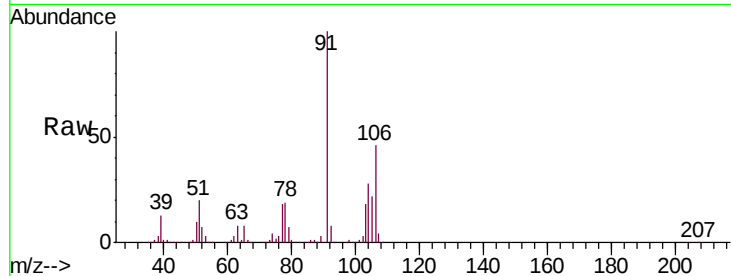




#69
o-Xylene
Concen: 20.421 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

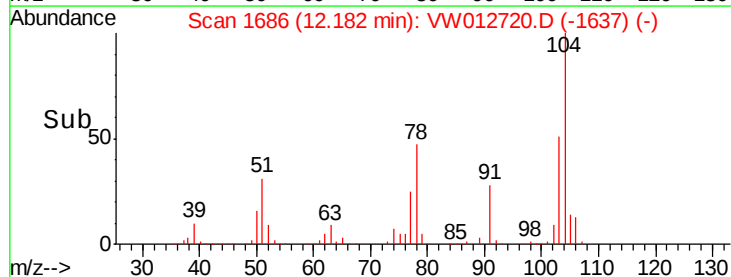
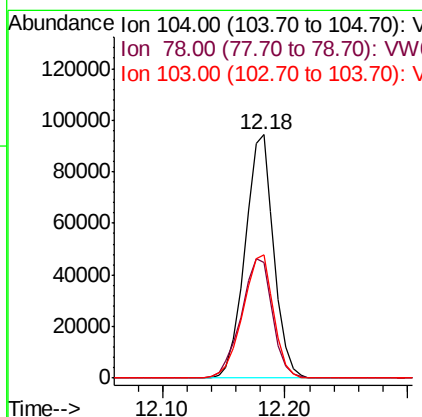
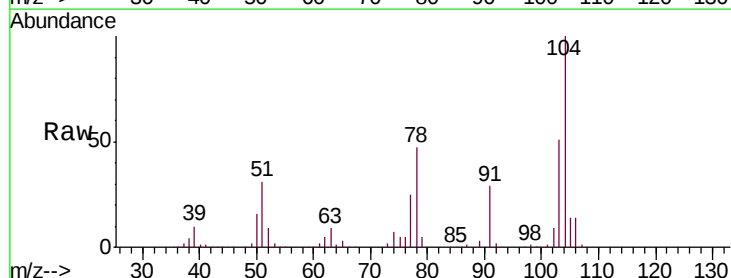
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

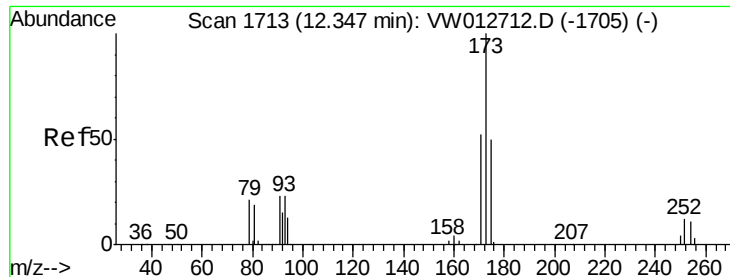
Tgt Ion:106 Resp: 88976
Ion Ratio Lower Upper
106 100
91 219.9 112.3 336.8



#70
Styrene
Concen: 19.947 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion:104 Resp: 153577
Ion Ratio Lower Upper
104 100
78 53.7 43.3 64.9
103 54.2 44.0 66.0

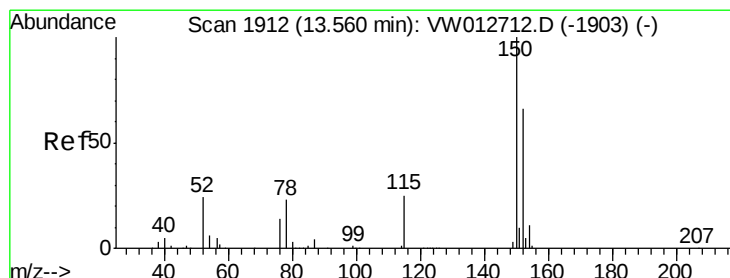
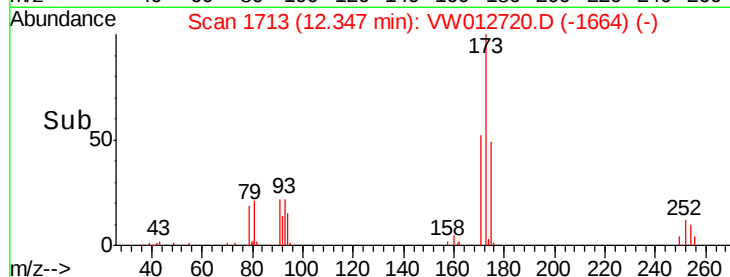
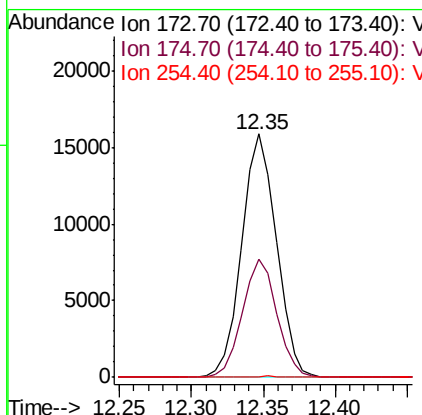
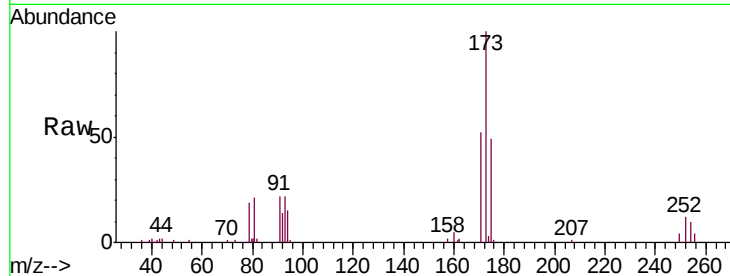




#71
 Bromoform
 Concen: 18.775 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

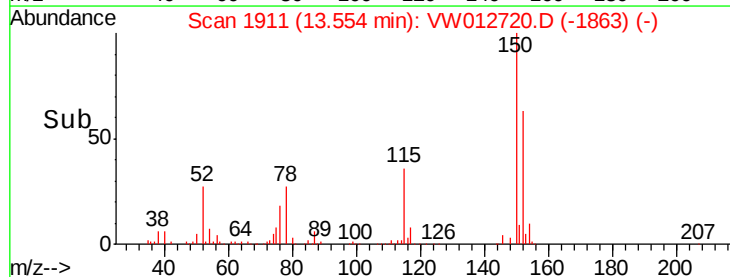
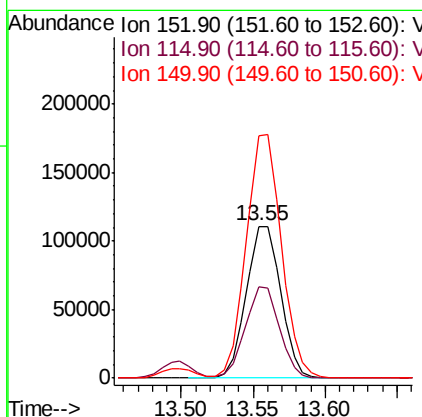
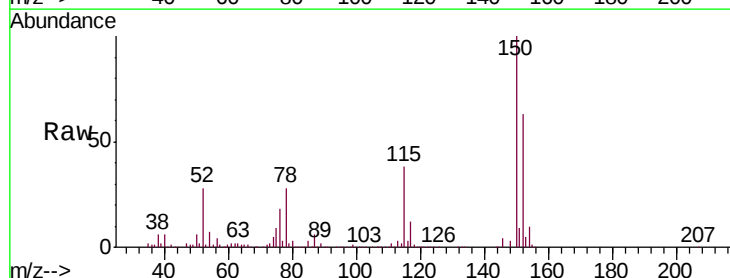
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

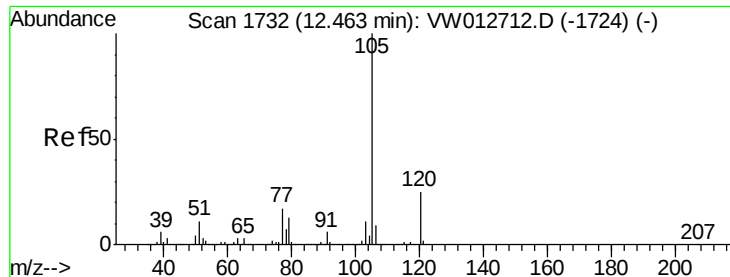
Tgt Ion:173 Resp: 26490
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.8 74.3
 254 0.1 0.1 0.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion:152 Resp: 183148
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.0 90.1
 150 164.3 0.0 349.0





#73

Isopropylbenzene

Concen: 19.549 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

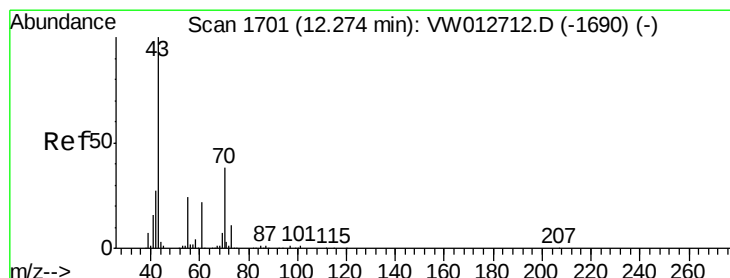
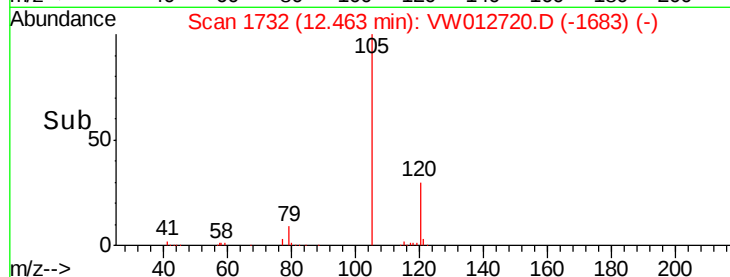
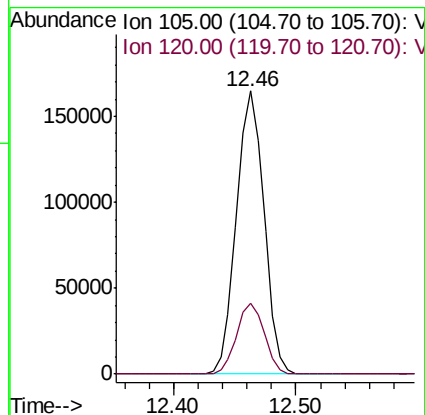
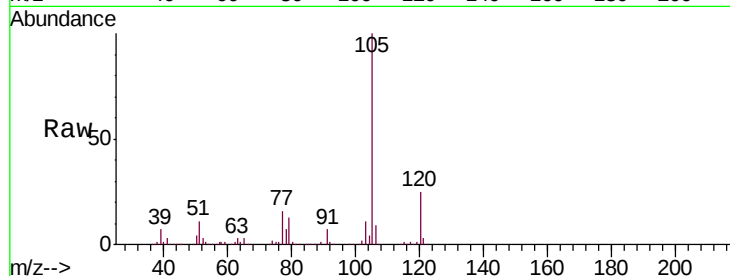
VW0907SBSD01

Tgt Ion: 105 Resp: 256799

Ion Ratio Lower Upper

105 100

120 25.2 13.0 38.9



#74

N-ethyl acetate

Concen: 17.886 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion: 43 Resp: 74576

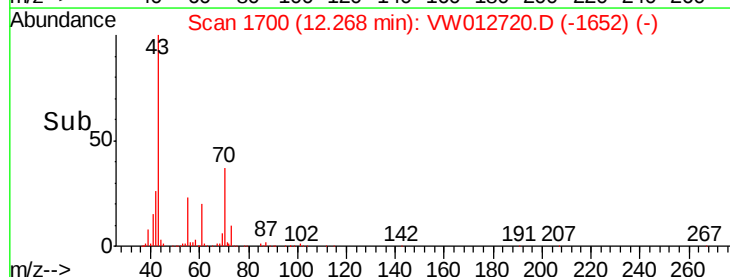
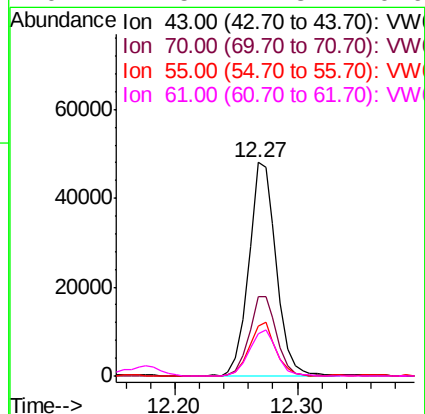
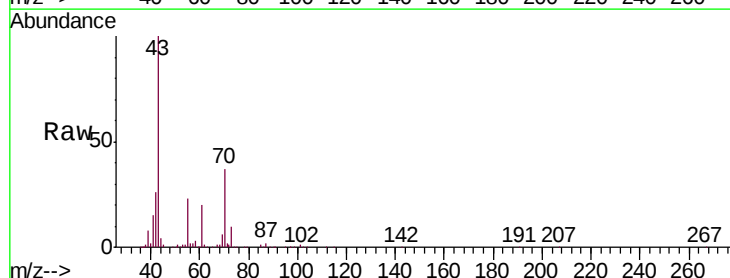
Ion Ratio Lower Upper

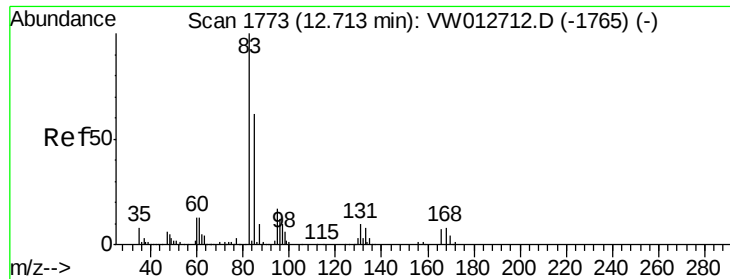
43 100

70 37.3 29.4 44.0

55 24.3 18.6 27.8

61 21.5 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.162 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

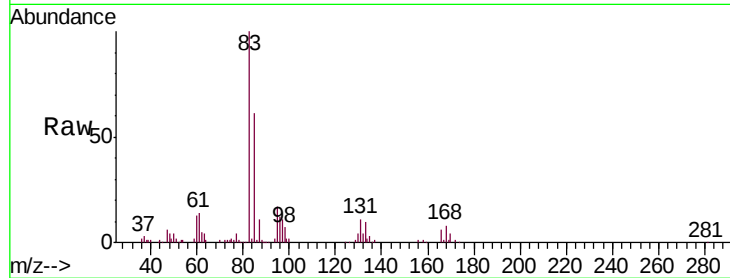
Tgt Ion: 83 Resp: 47912

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

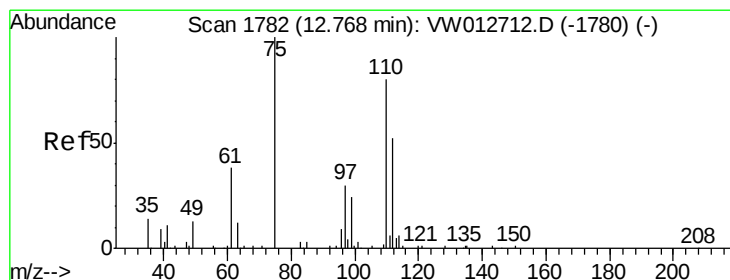
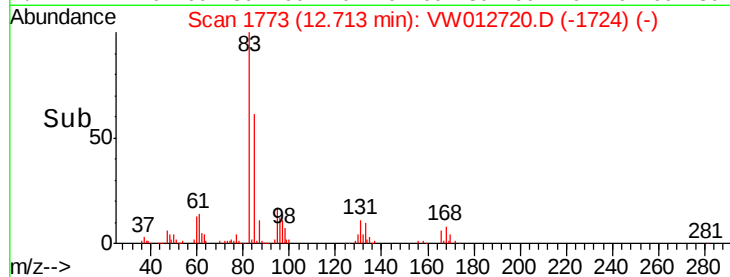
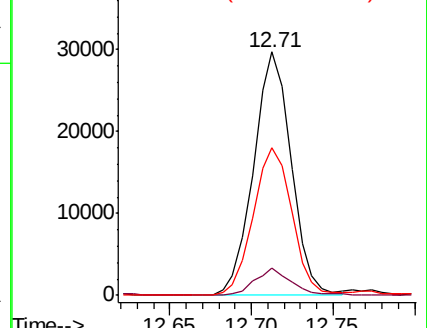
85 62.0 31.4 94.2



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: 33.755 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012720.D

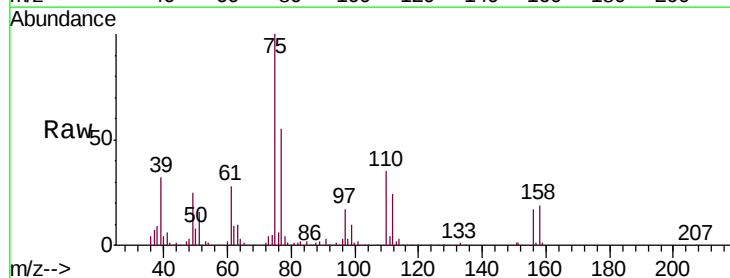
Acq: 07 Sep 2019 15:37

Tgt Ion: 75 Resp: 63215

Ion Ratio Lower Upper

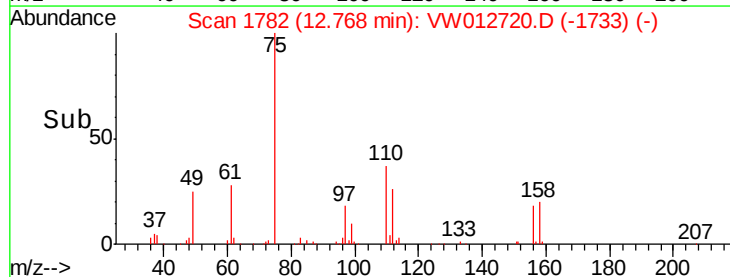
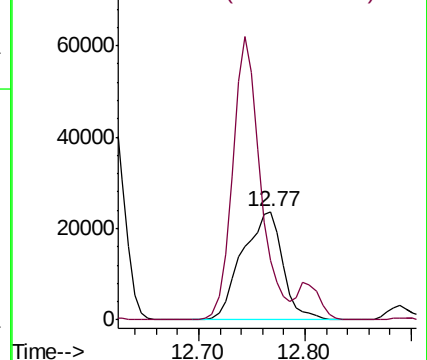
75 100

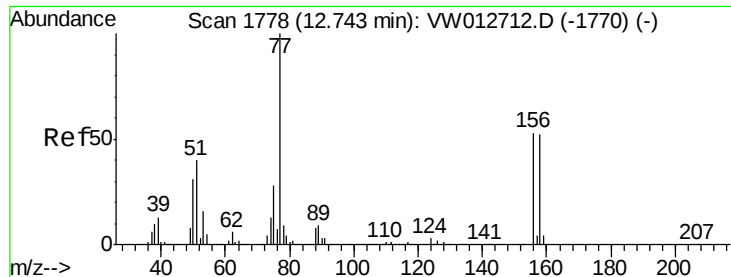
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.536 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

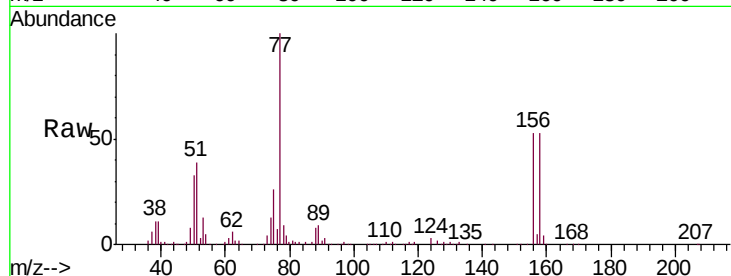
Tgt Ion:156 Resp: 55163

Ion Ratio Lower Upper

156 100

77 205.4 102.3 306.9

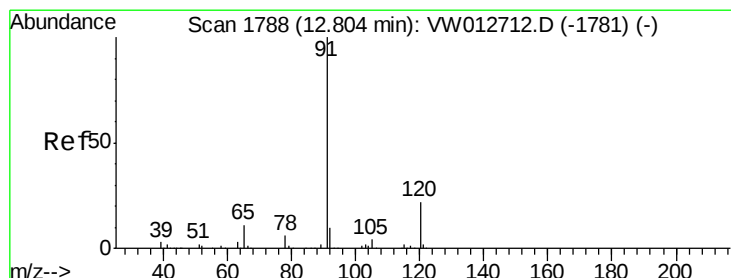
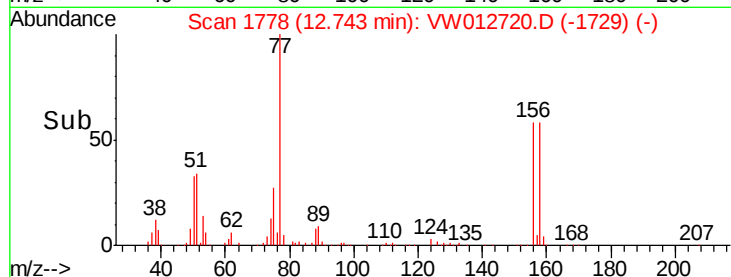
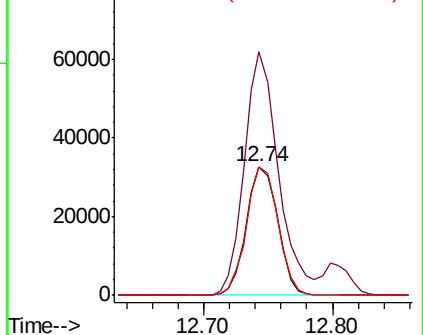
158 99.9 48.9 146.8



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: 19.222 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012720.D

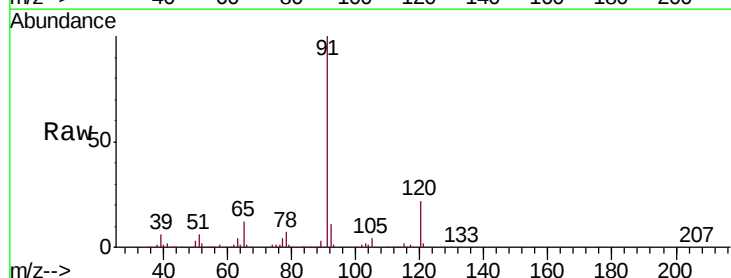
Acq: 07 Sep 2019 15:37

Tgt Ion: 91 Resp: 301994

Ion Ratio Lower Upper

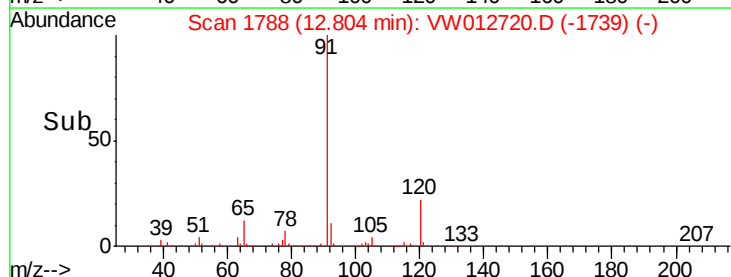
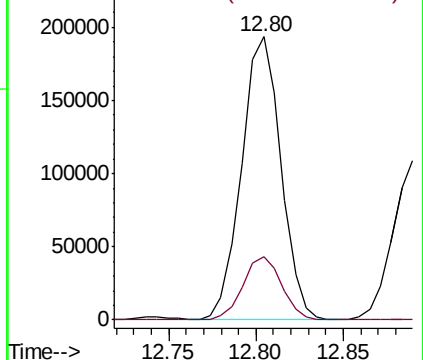
91 100

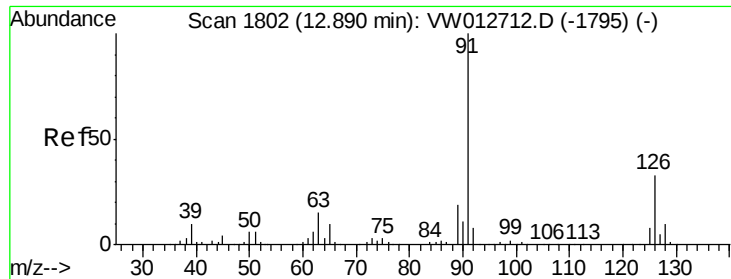
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.873 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

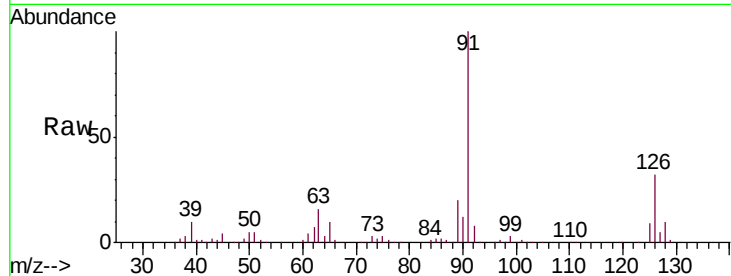
VW0907SBSD01

Tgt Ion: 91 Resp: 170218

Ion Ratio Lower Upper

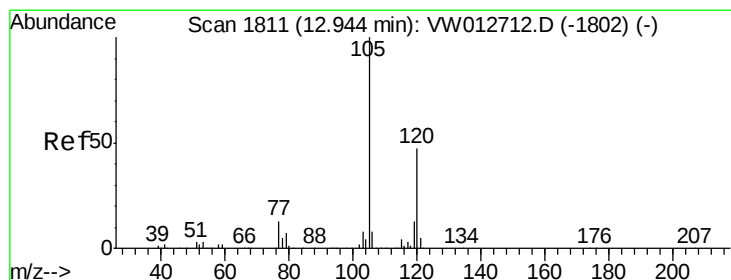
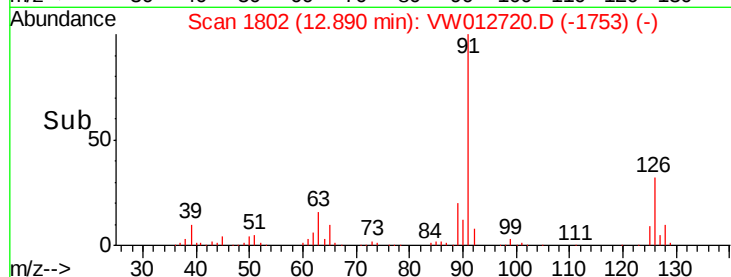
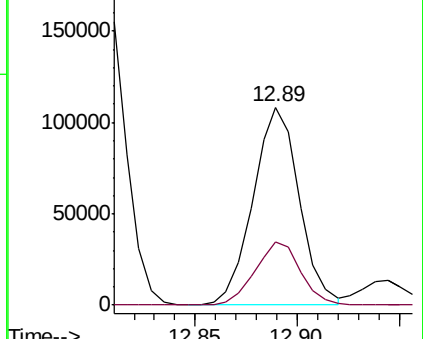
91 100

126 31.7 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: 17.460 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012720.D

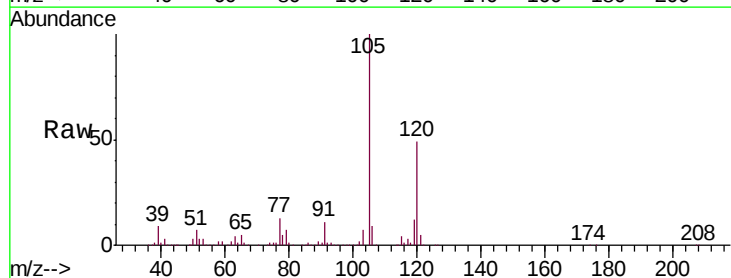
Acq: 07 Sep 2019 15:37

Tgt Ion: 105 Resp: 193263

Ion Ratio Lower Upper

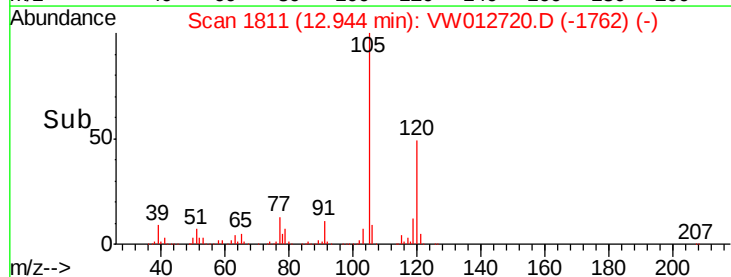
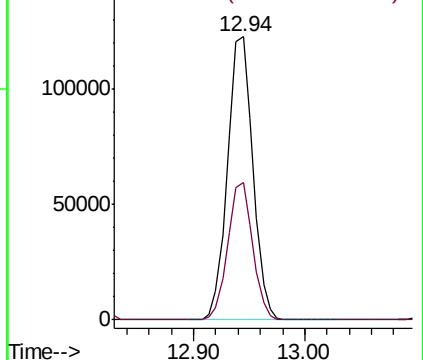
105 100

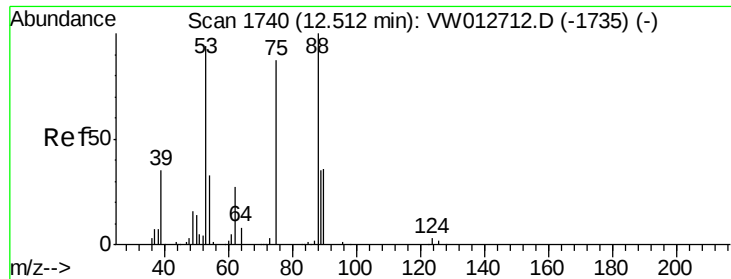
120 47.8 23.9 71.8



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: 17.074 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

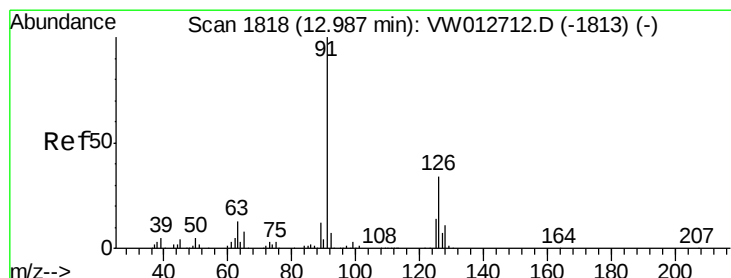
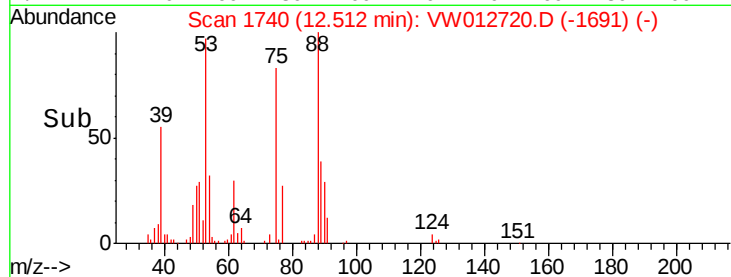
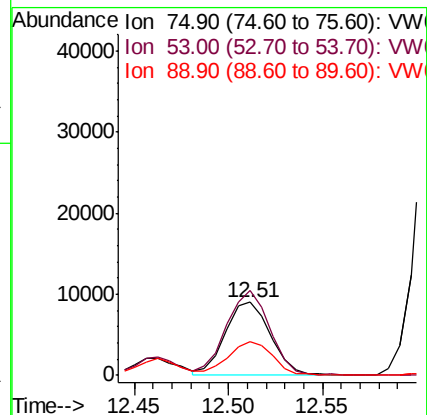
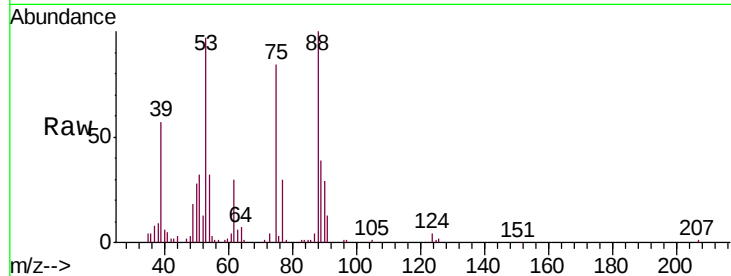
Tgt Ion: 75 Resp: 15118

Ion Ratio Lower Upper

75 100

53 111.9 87.6 131.4

89 44.9 35.5 53.3



#82

4-Chlorotoluene

Concen: 17.564 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012720.D

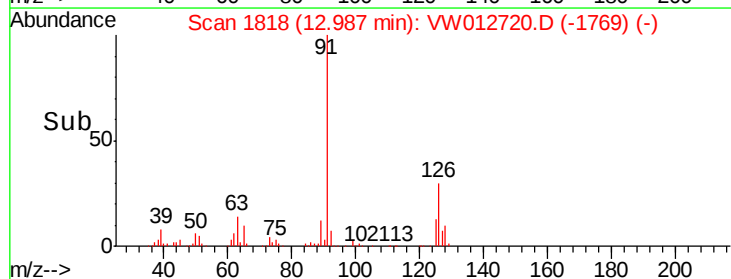
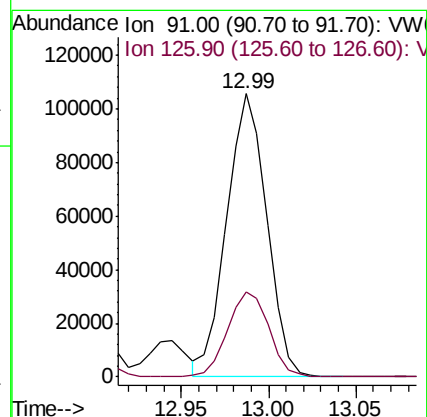
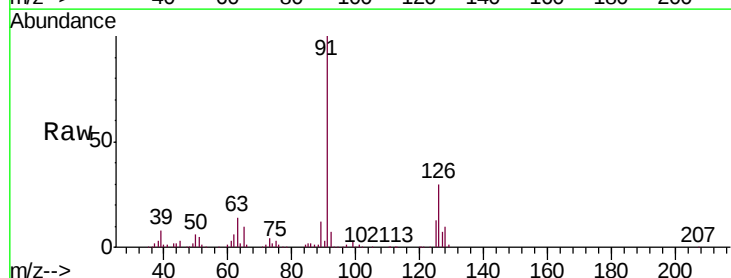
Acq: 07 Sep 2019 15:37

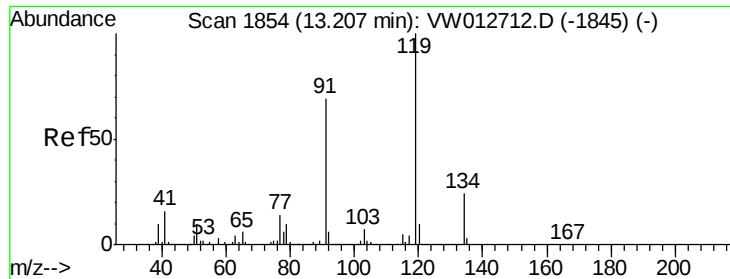
Tgt Ion: 91 Resp: 167555

Ion Ratio Lower Upper

91 100

126 31.1 15.9 47.6

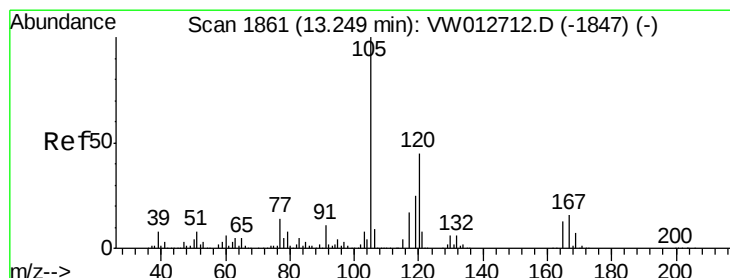
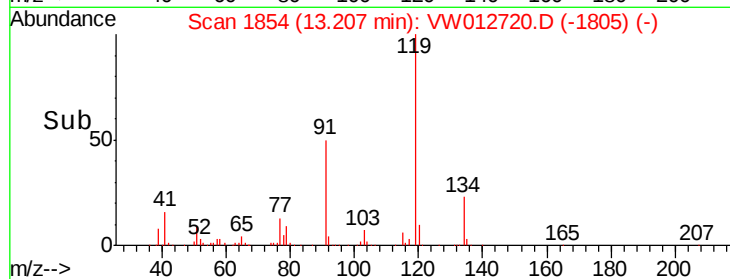
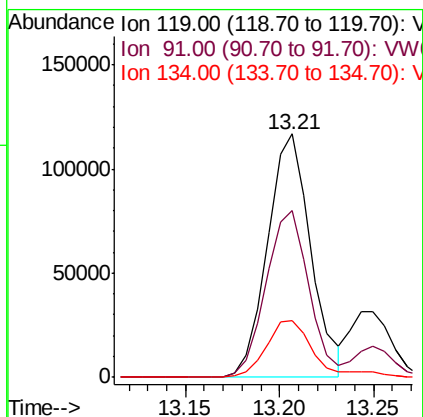
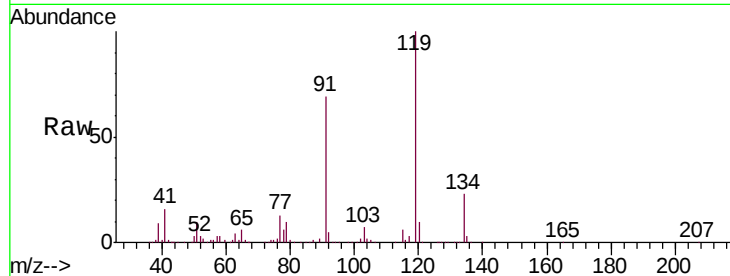




#83
 tert-Butylbenzene
 Concen: 18.981 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

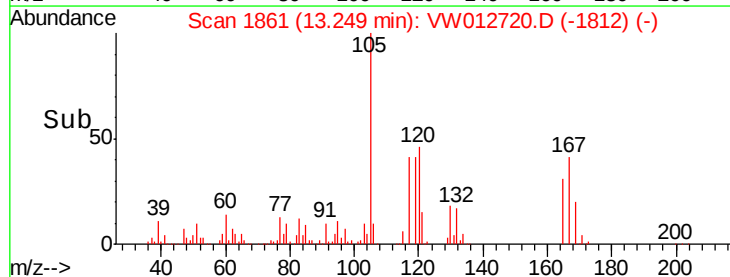
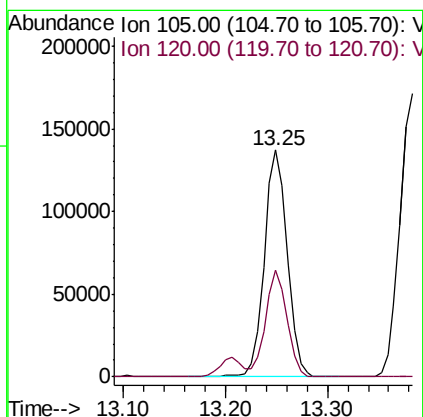
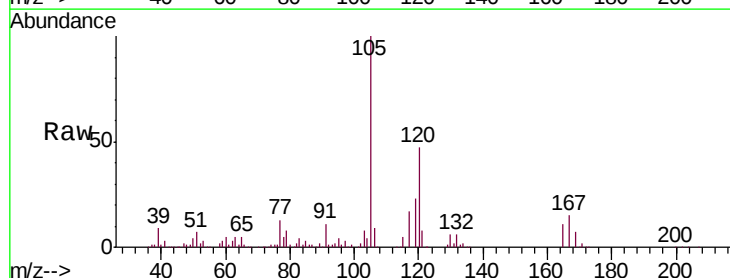
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

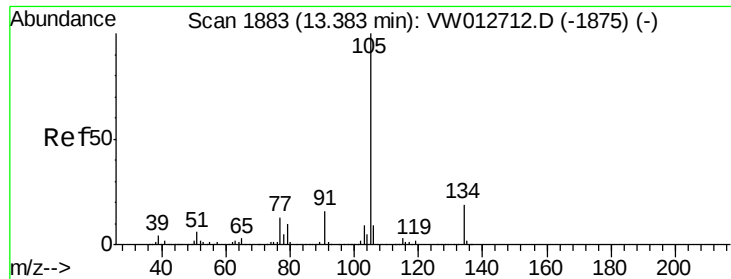
Tgt Ion:119 Resp: 185767
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.2 102.5
 134 25.9 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.205 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion:105 Resp: 214199
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.3

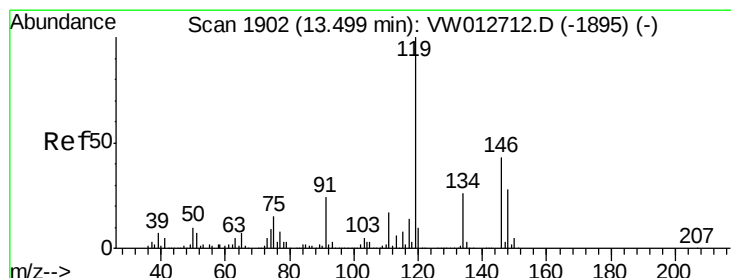
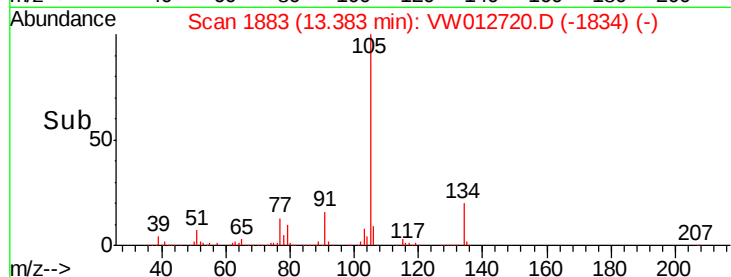
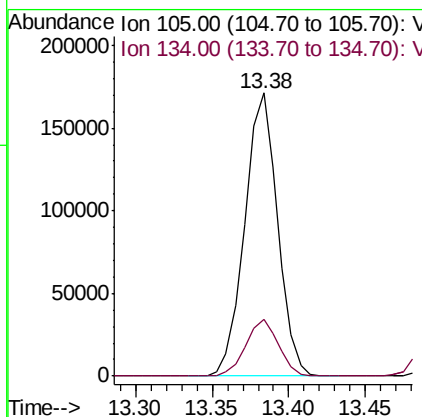
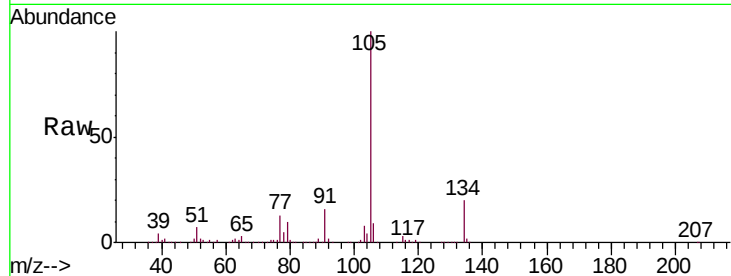




#85
 sec-Butylbenzene
 Concen: 18.855 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

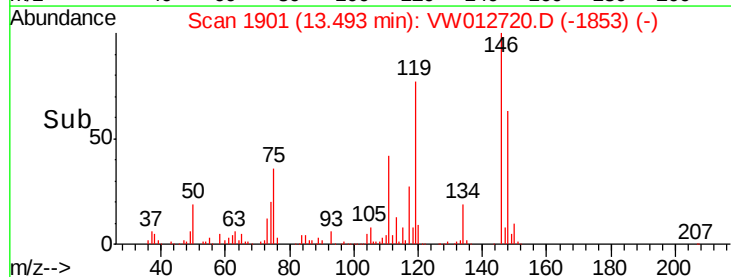
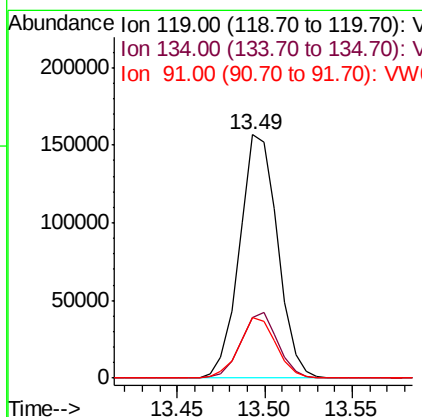
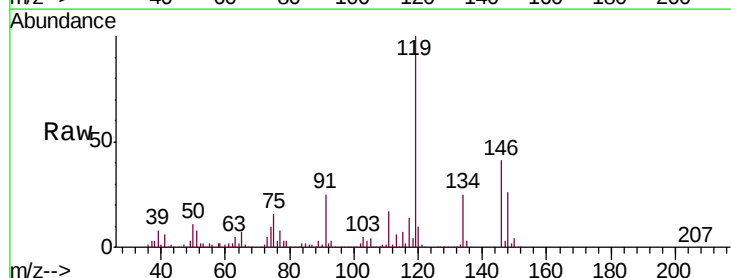
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

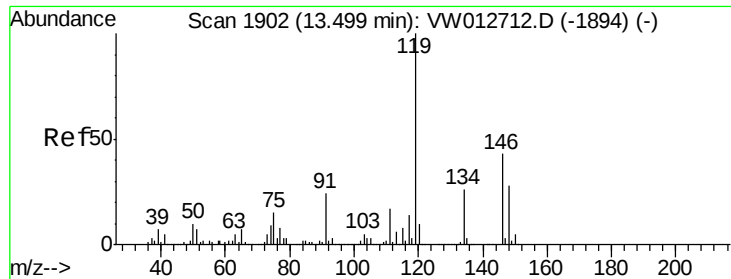
Tgt Ion:105 Resp: 256067
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.050 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion:119 Resp: 236320
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.1
 91 24.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.332 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

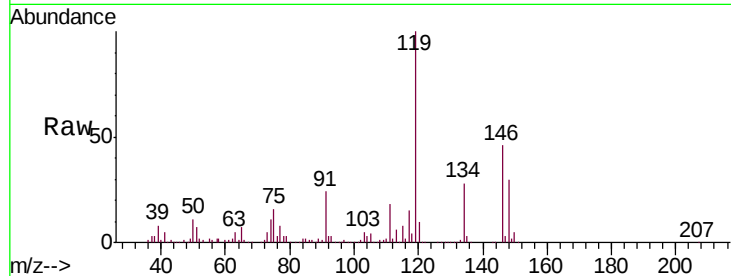
Tgt Ion:146 Resp: 113085

Ion Ratio Lower Upper

146 100

111 40.2 20.4 61.2

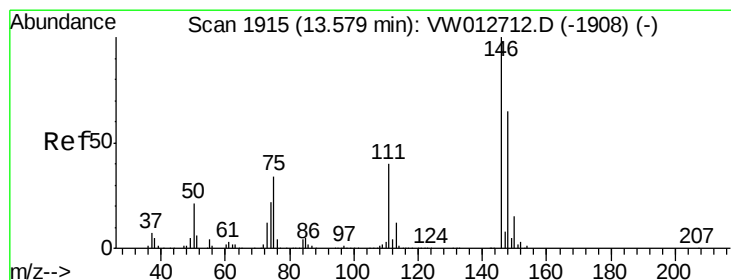
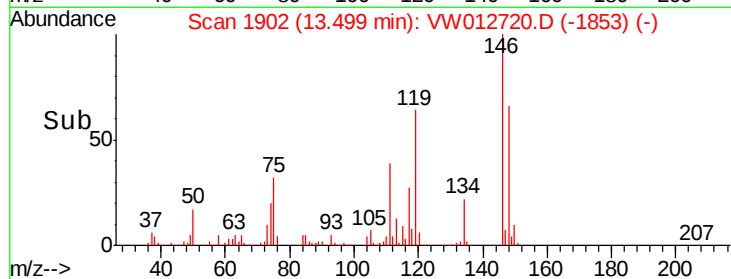
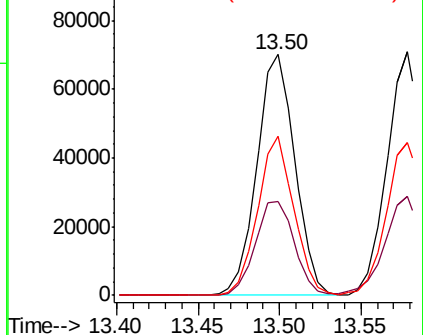
148 62.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.021 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

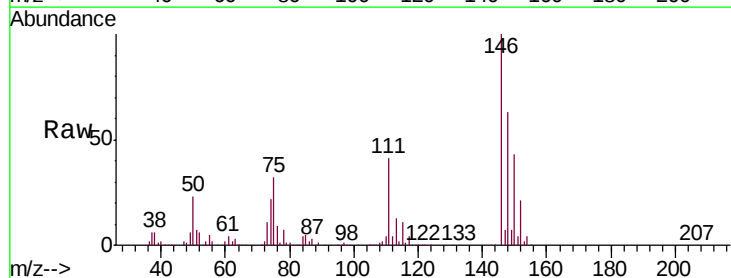
Tgt Ion:146 Resp: 110717

Ion Ratio Lower Upper

146 100

111 42.1 20.0 60.0

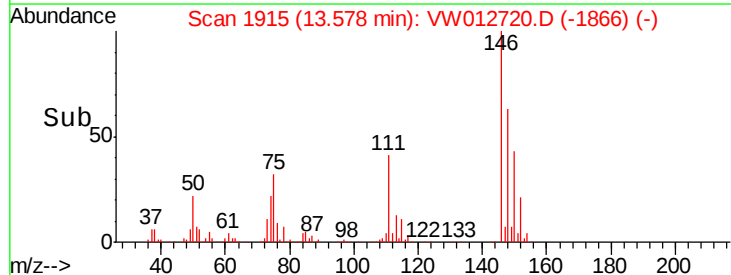
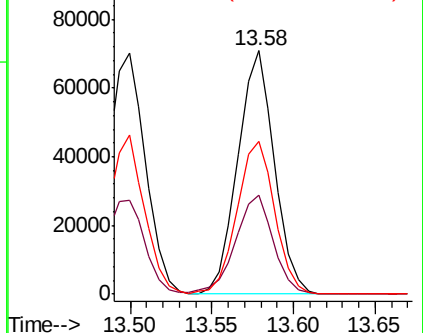
148 64.6 32.2 96.6

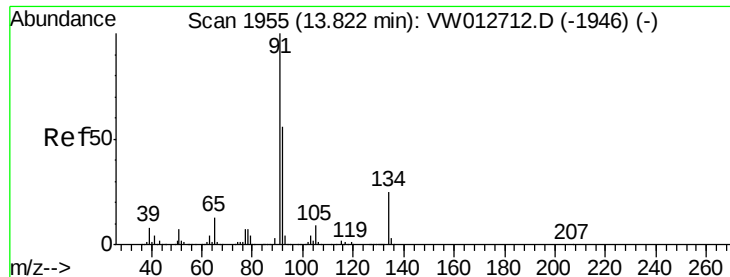


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

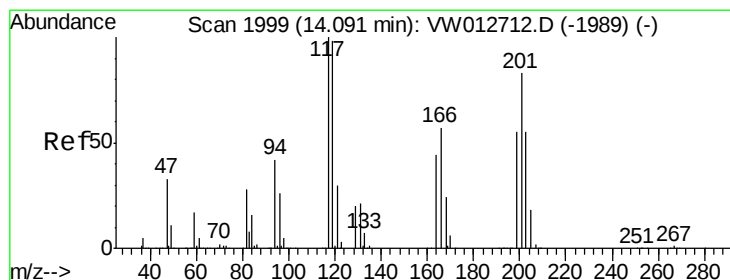
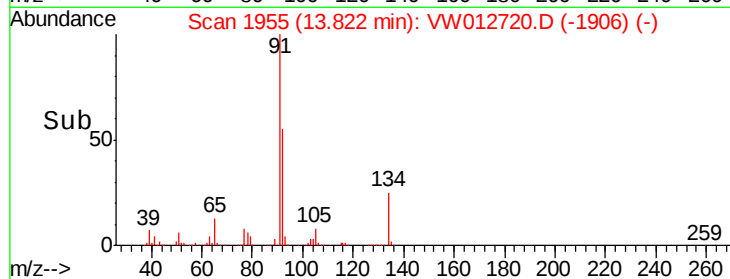
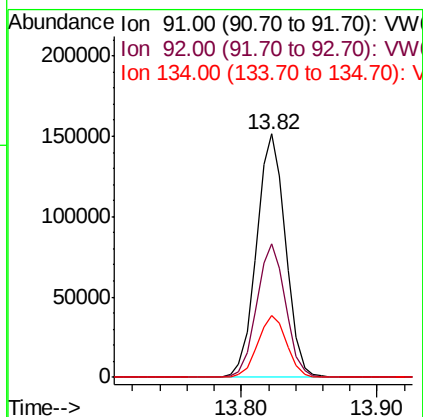
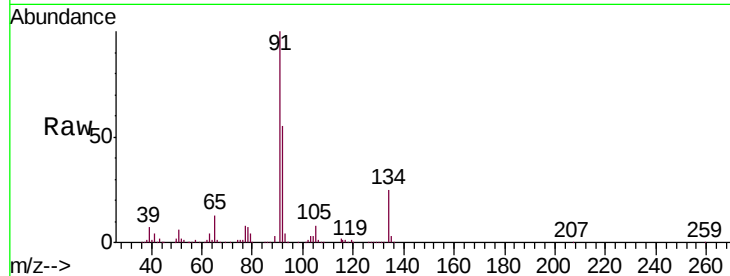




#89
n-Butylbenzene
Concen: 18.821 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

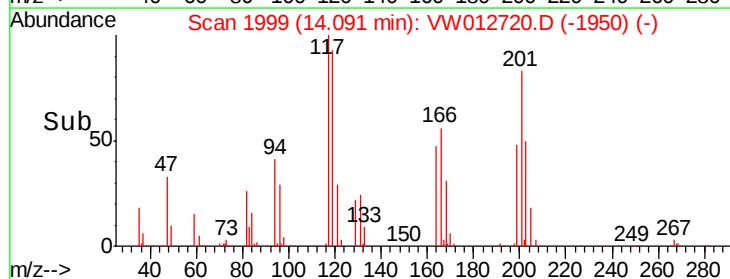
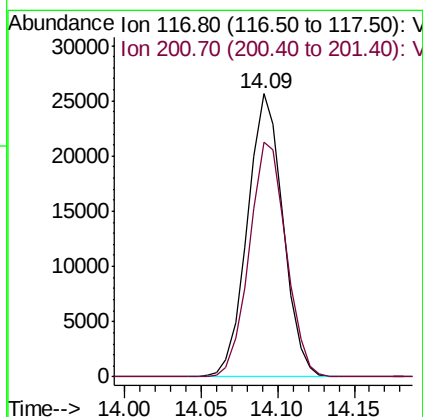
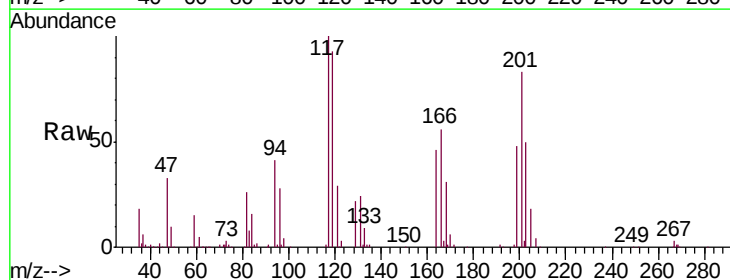
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

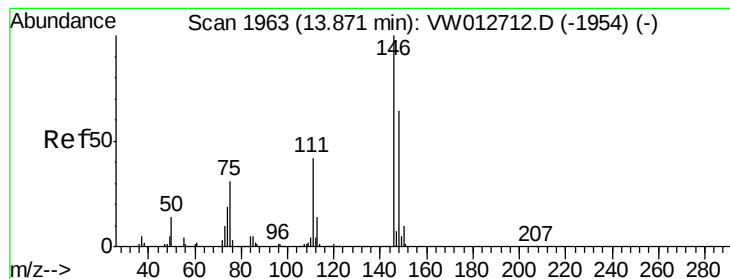
Tgt Ion: 91 Resp: 226667
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 19.186 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 117 Resp: 41549
Ion Ratio Lower Upper
117 100
201 85.8 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 19.003 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

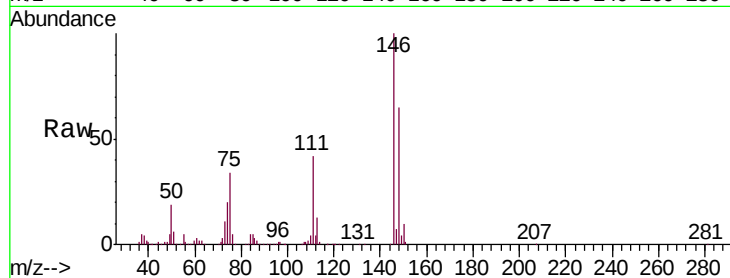
Tgt Ion:146 Resp: 100050

Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.9

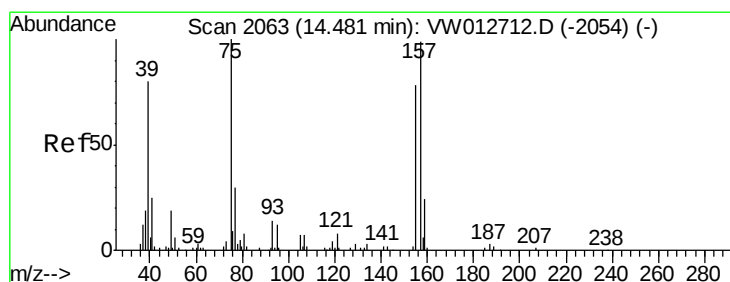
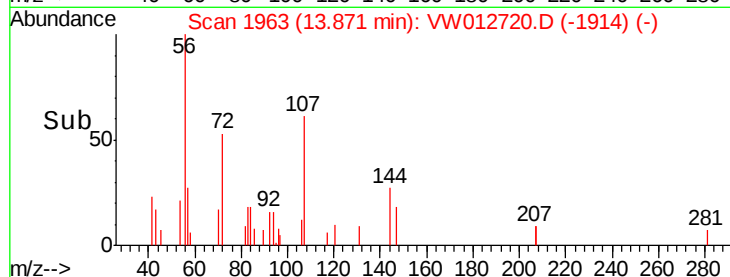
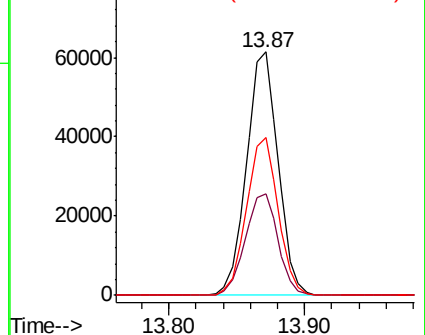
148 64.8 32.1 96.5



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: 16.596 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

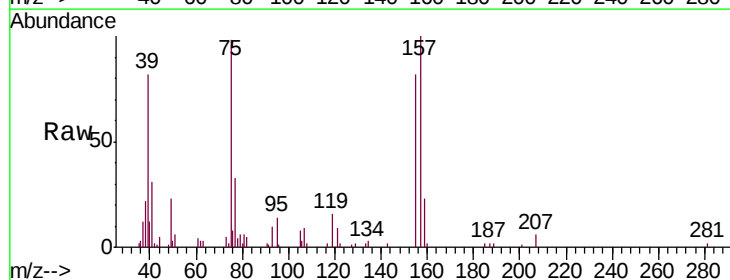
Tgt Ion: 75 Resp: 8012

Ion Ratio Lower Upper

75 100

155 80.0 40.6 122.0

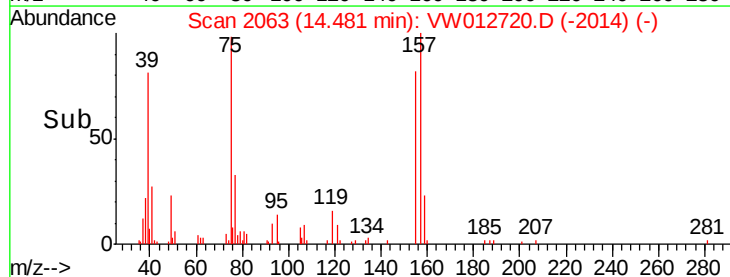
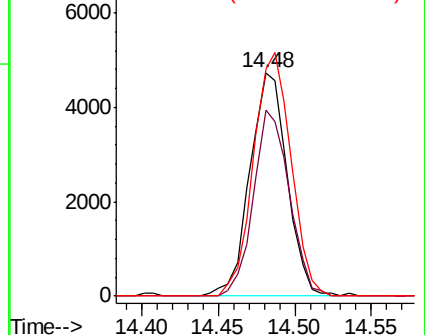
157 110.1 52.5 157.5

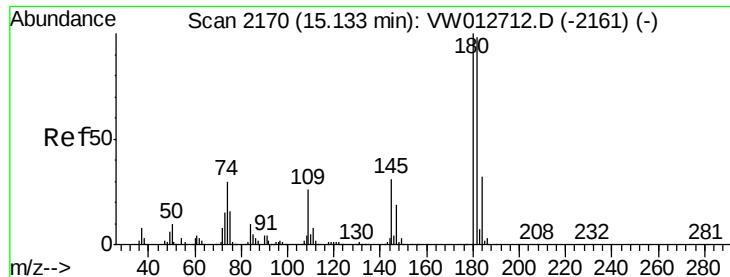


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

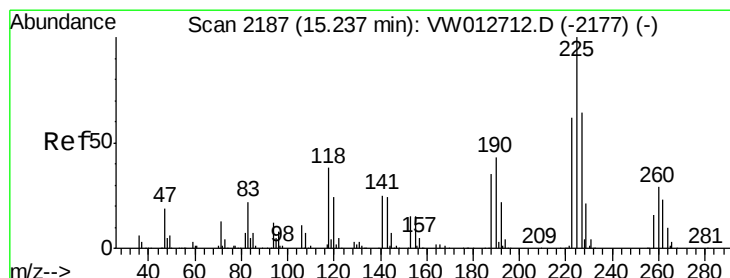
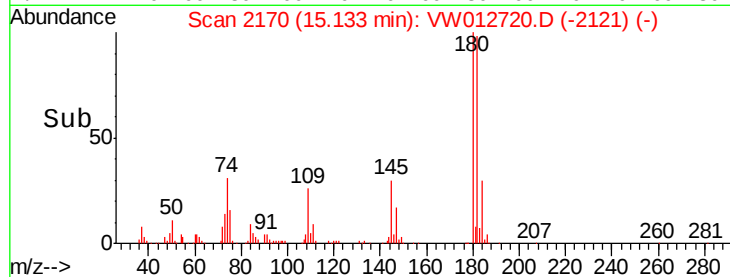
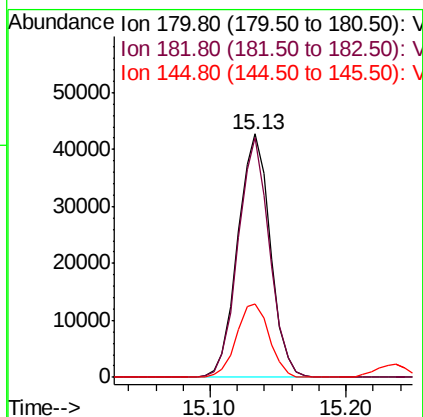
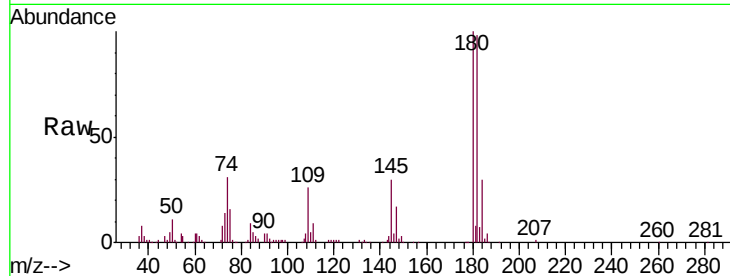




#93
 1,2,4-Trichlorobenzene
 Concen: 19.386 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

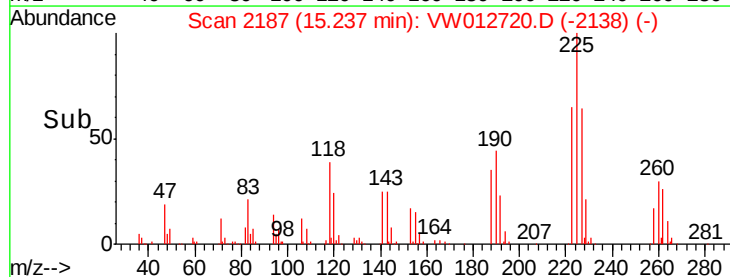
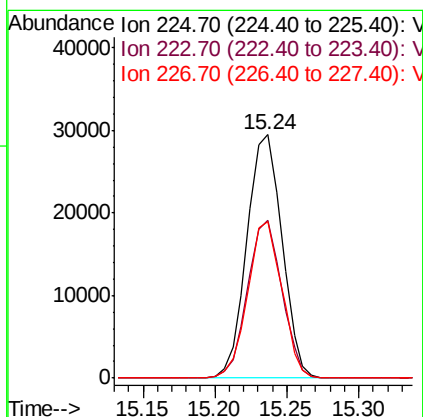
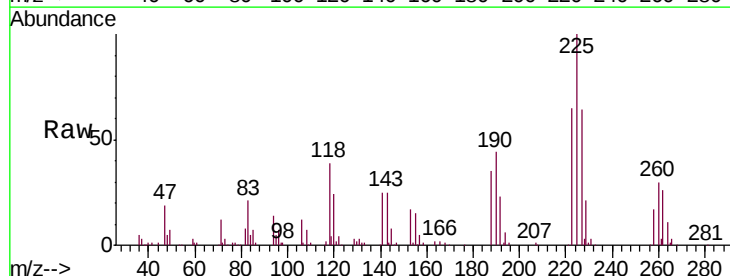
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

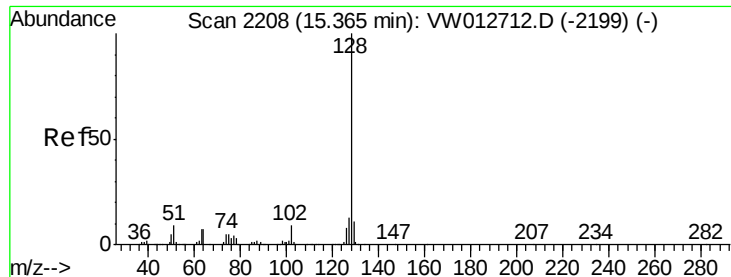
Tgt Ion:180 Resp: 71063
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.7 146.1
 145 30.5 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 19.594 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion:225 Resp: 49715
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.3
 227 62.2 31.4 94.2

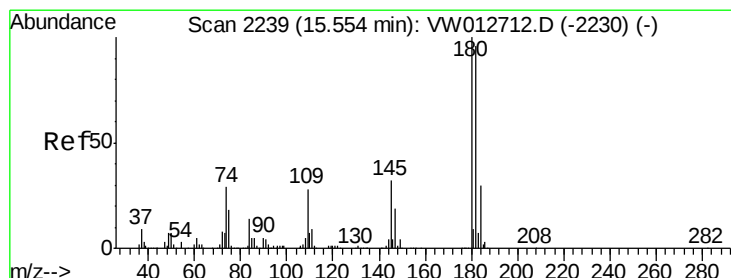
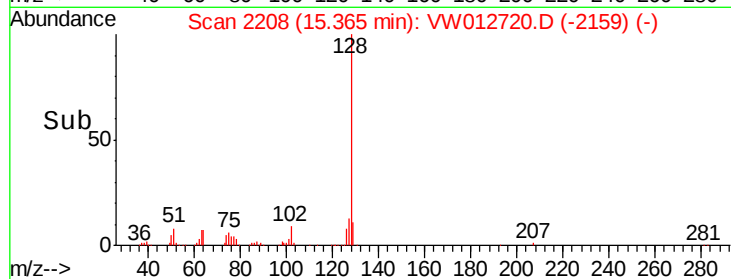
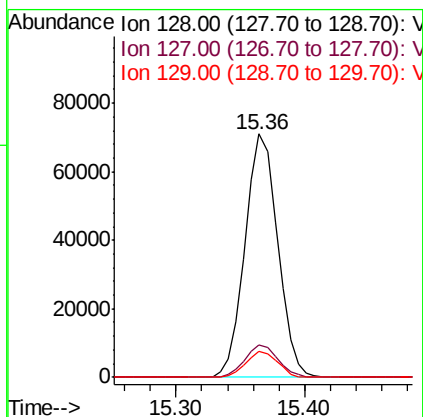
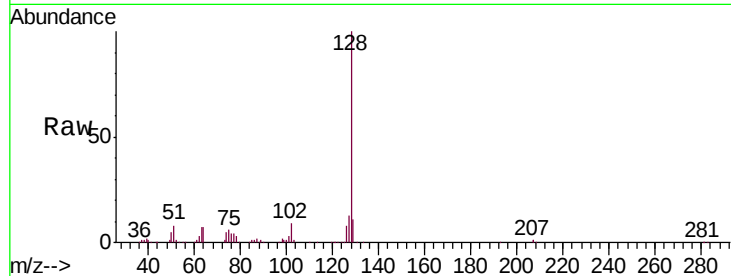




#95
Naphthalene
Concen: 19.219 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tgt Ion:128 Resp: 124630
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.220 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion:180 Resp: 62189
Ion Ratio Lower Upper
180 100
182 96.7 47.8 143.3
145 32.1 15.4 46.2

