

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011660.D
 Acq On : 03 Aug 2019 12:47
 Operator : SY/VA
 Sample : VW0804SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

Quant Time: Aug 04 02:01:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	356633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	148642	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	119599	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.32	98	497243	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	173318	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	28882	20.058	ug/l	95
3) Chloromethane	2.21	50	47032	18.836	ug/l	97
4) Vinyl Chloride	2.36	62	58645	19.509	ug/l	99
5) Bromomethane	2.76	94	29719	17.861	ug/l	95
6) Chloroethane	2.92	64	32558	18.961	ug/l	95
7) Trichlorofluoromethane	3.25	101	29617	22.045	ug/l	99
8) Diethyl Ether	3.68	74	27541	18.081	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51933	20.378	ug/l	98
10) Methyl Iodide	4.28	142	67530	18.751	ug/l	98
11) Tert butyl alcohol	5.17	59	19649	77.433	ug/l	98
12) 1,1-Dichloroethene	4.04	96	51085	18.985	ug/l	96
13) Acrolein	3.89	56	18238	85.673	ug/l	98
14) Allyl chloride	4.67	41	108688	18.991	ug/l	99
15) Acrylonitrile	5.37	53	67637	88.952	ug/l	99
16) Acetone	4.12	43	68984	73.096	ug/l	97
17) Carbon Disulfide	4.38	76	156072	18.532	ug/l	99
18) Methyl Acetate	4.67	43	38261	18.047	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	78908	18.479	ug/l	99
20) Methylene Chloride	4.92	84	57769	17.749	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56000	19.304	ug/l	98
22) Diisopropyl ether	6.31	45	205478	19.043	ug/l	94
23) Vinyl Acetate	6.25	43	623957	92.028	ug/l	99
24) 1,1-Dichloroethane	6.21	63	110882	19.187	ug/l	98
25) 2-Butanone	7.17	43	100303	81.223	ug/l	100
26) 2,2-Dichloropropane	7.17	77	66331	18.664	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59210	18.545	ug/l	98
28) Bromochloromethane	7.51	49	53635	20.910	ug/l	98
29) Tetrahydrofuran	7.52	42	61435	87.032	ug/l	99
30) Chloroform	7.68	83	102617	19.248	ug/l	94
31) Cyclohexane	7.95	56	110303	19.884	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	80002	19.704	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86717	20.320	ug/l	99
37) Ethyl Acetate	7.26	43	43559	17.741	ug/l	98
38) Carbon Tetrachloride	8.07	117	72460	19.834	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96169	20.465	ug/l	100
40) Benzene	8.32	78	234983	19.657	ug/l	100
41) Methacrylonitrile	7.48	41	25297	17.236	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72176	19.285	ug/l	99
43) Isopropyl Acetate	8.42	43	81534	18.057	ug/l	99
44) Trichloroethene	9.09	130	56557	19.685	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62939	19.678	ug/l	95
46) Dibromomethane	9.46	93	27974	19.162	ug/l	99
47) Bromodichloromethane	9.64	83	72041	18.813	ug/l	99
48) Methyl methacrylate	9.43	41	38906	17.937	ug/l	98
49) 1,4-Dioxane	9.45	88	7581	358.652	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	210142	89.471	ug/l	100
52) Toluene	10.39	92	142317	19.714	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74205	18.550	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	88916	18.695	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38711	18.689	ug/l	97
56) Ethyl methacrylate	10.65	69	55310	18.248	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74196	18.934	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	148998	108.270	ug/l	100
59) 2-Hexanone	10.97	43	141414	85.274	ug/l	100
60) Dibromochloromethane	11.13	129	42563	18.512	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36069	18.401	ug/l	99
64) Tetrachloroethene	10.86	164	46527	20.037	ug/l	97
65) Chlorobenzene	11.66	112	139089	19.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48237	19.314	ug/l	99
67) Ethyl Benzene	11.73	91	270552	19.813	ug/l	99
68) m/p-Xylenes	11.84	106	195810	39.429	ug/l	99
69) o-Xylene	12.16	106	90996	19.718	ug/l	100
70) Styrene	12.18	104	155650	19.507	ug/l	100
71) Bromoform	12.35	173	22823	17.923	ug/l #	96
73) Isopropylbenzene	12.46	105	252412	19.794	ug/l	100
74) N-amyl acetate	12.27	43	71962	18.025	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45258	18.868	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32546m	17.994	ug/l	
77) Bromobenzene	12.75	156	55861	19.818	ug/l	98
78) n-propylbenzene	12.80	91	312980	20.167	ug/l	99
79) 2-Chlorotoluene	12.89	91	179048	20.026	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	217086	20.308	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	14039	17.889	ug/l	94
82) 4-Chlorotoluene	12.99	91	187656	20.004	ug/l	100
83) tert-Butylbenzene	13.21	119	180781	20.224	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	212446	19.729	ug/l	100
85) sec-Butylbenzene	13.38	105	257522	20.190	ug/l	100
86) p-Isopropyltoluene	13.50	119	227559	19.663	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107572	19.464	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	107249	19.508	ug/l	98
89) n-Butylbenzene	13.82	91	230076	19.922	ug/l	98
90) Hexachloroethane	14.10	117	39315	19.212	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	94980	19.431	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7473	18.270	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62156	18.042	ug/l	99
94) Hexachlorobutadiene	15.24	225	41695	19.408	ug/l	98
95) Naphthalene	15.37	128	104436	16.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	53642	17.764	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

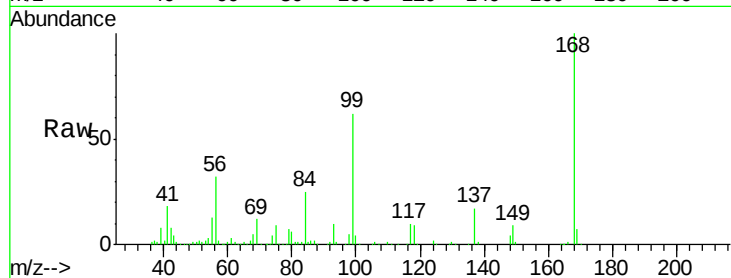
VW0804SBSD01

Tot Ion:168 Resp: 258372

Ion Ratio Lower Upper

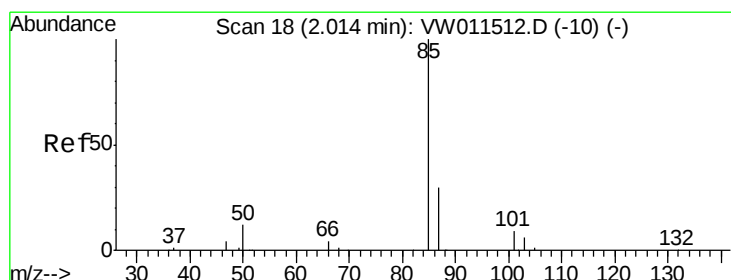
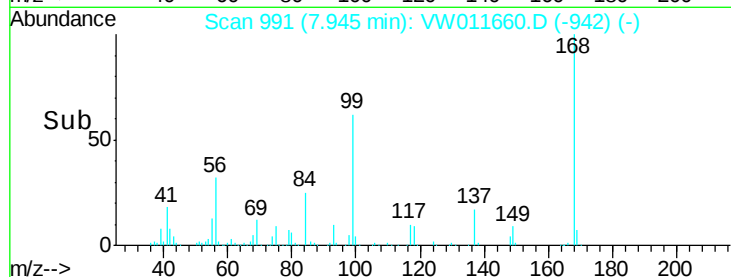
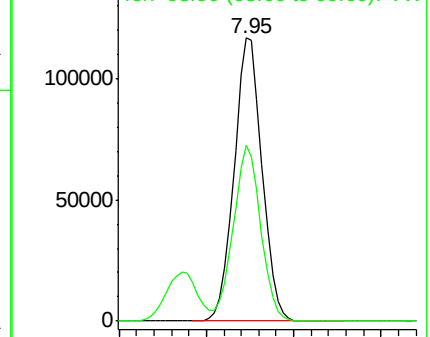
168 100

99 62.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.058 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW011660.D

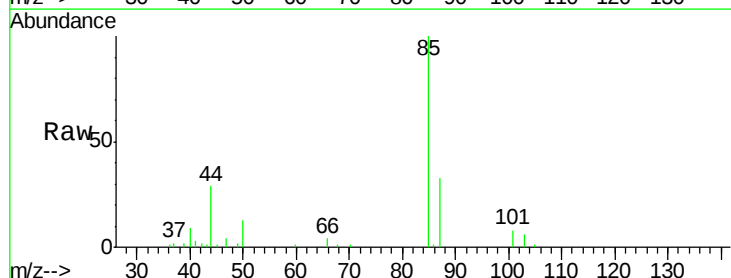
Acq: 03 Aug 2019 12:47

Tgt Ion: 85 Resp: 28882

Ion Ratio Lower Upper

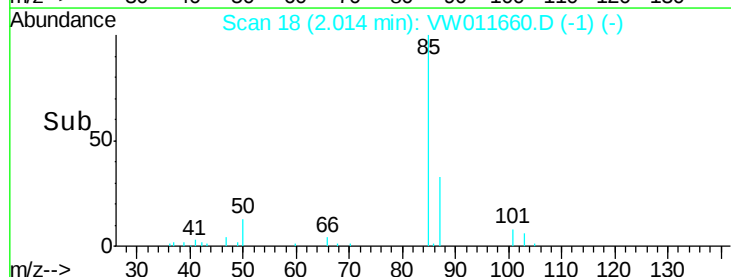
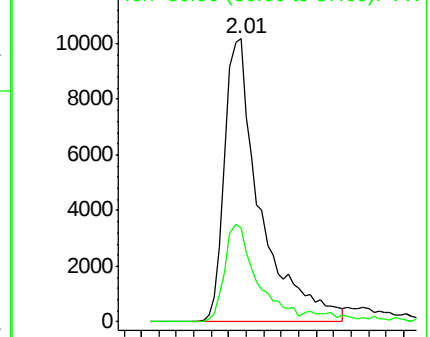
85 100

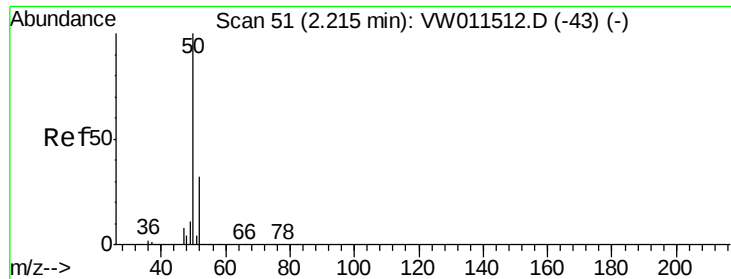
87 33.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.836 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

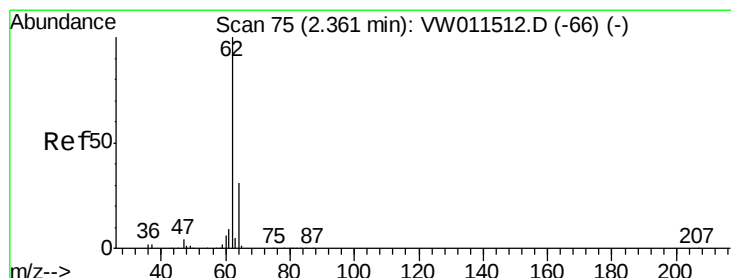
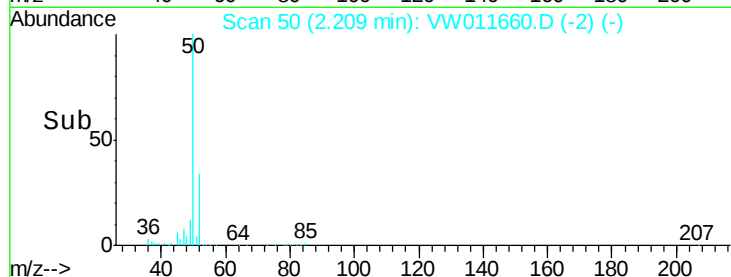
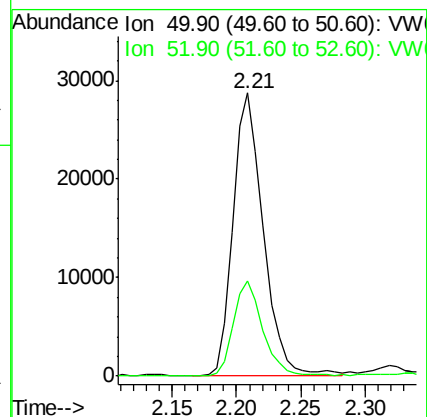
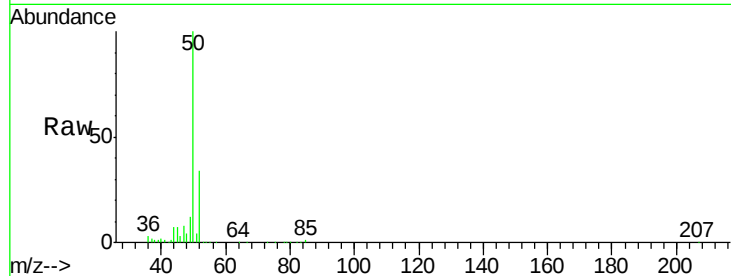
VW0804SBSD01

Tot Ion: 50 Resp: 47032

Ion Ratio Lower Upper

50 100

52 33.6 25.4 38.2



#4

Vinyl Chloride

Concen: 19.509 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011660.D

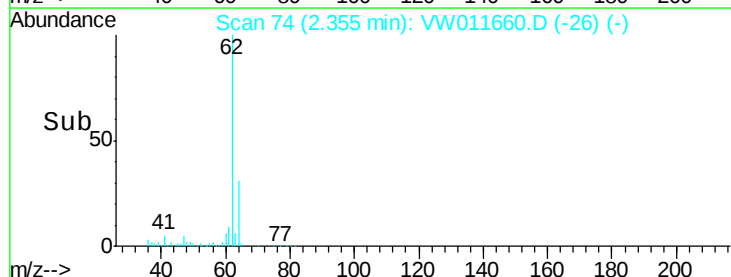
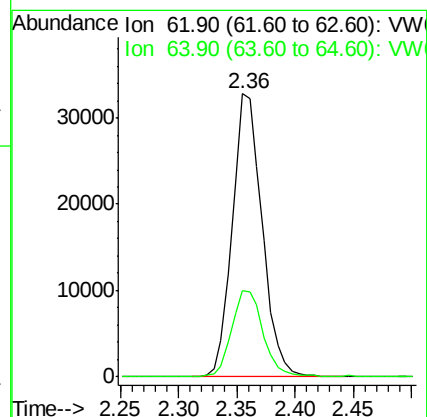
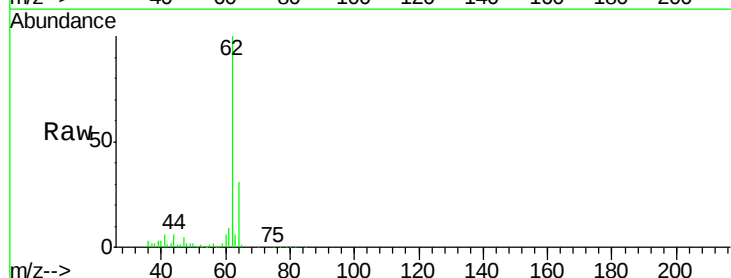
Acq: 03 Aug 2019 12:47

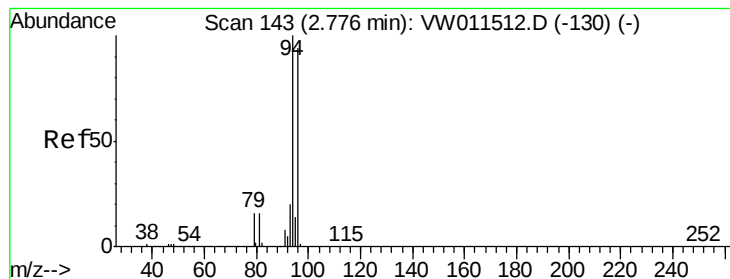
Tgt Ion: 62 Resp: 58645

Ion Ratio Lower Upper

62 100

64 30.4 25.0 37.4





#5

Bromomethane

Concen: 17.861 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

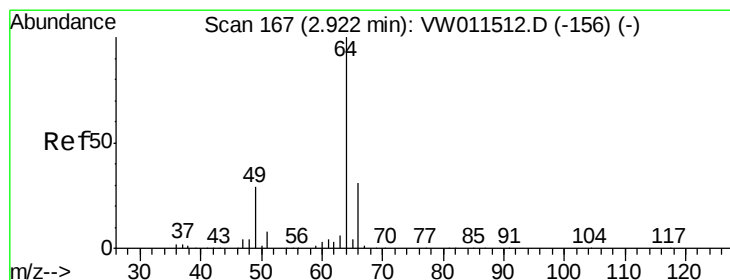
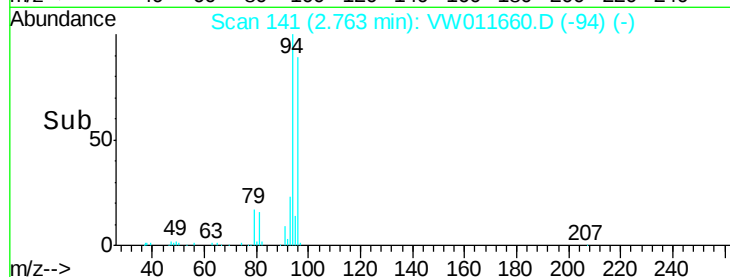
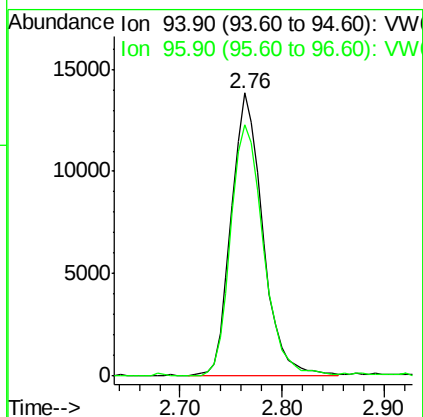
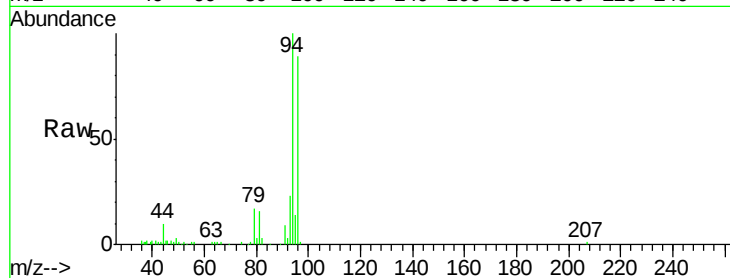
VW0804SBSD01

Tot Ion: 94 Resp: 29719

Ion Ratio Lower Upper

94 100

96 89.0 75.0 112.6



#6

Chloroethane

Concen: 18.961 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011660.D

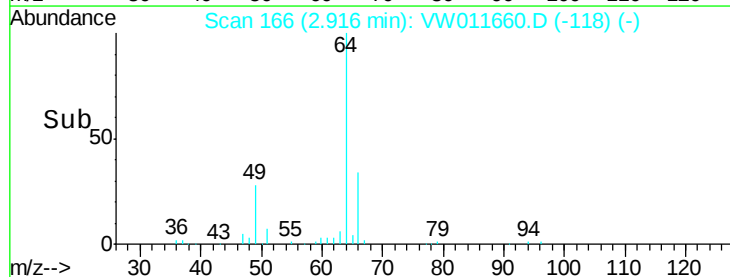
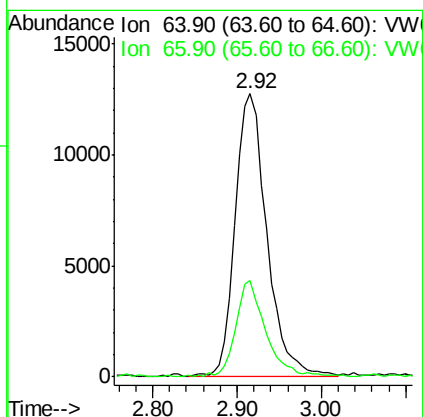
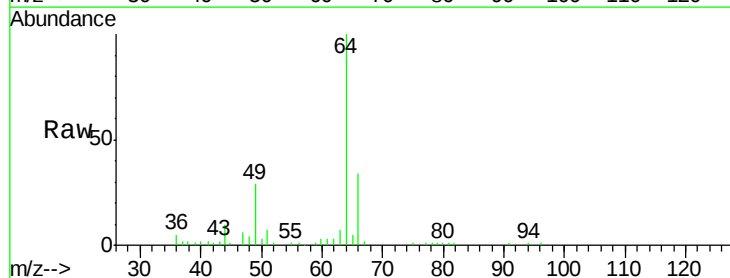
Acq: 03 Aug 2019 12:47

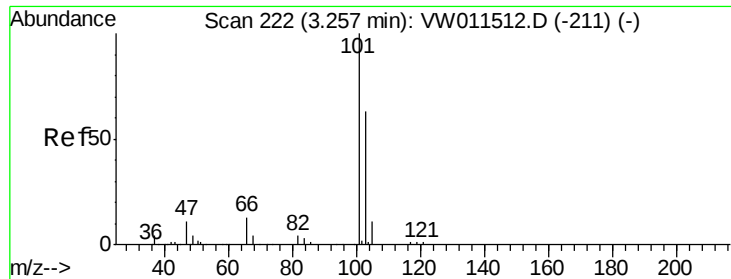
Tgt Ion: 64 Resp: 32558

Ion Ratio Lower Upper

64 100

66 33.7 24.6 36.8



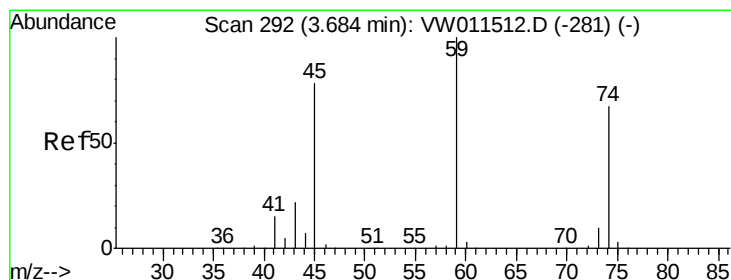
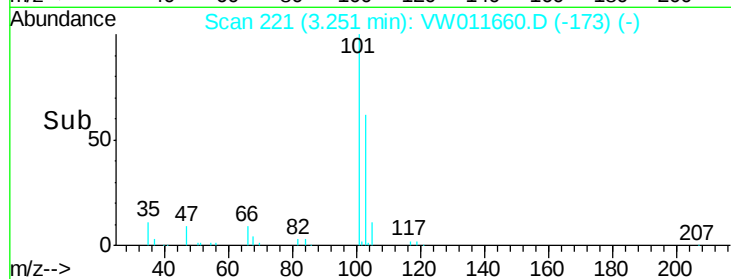
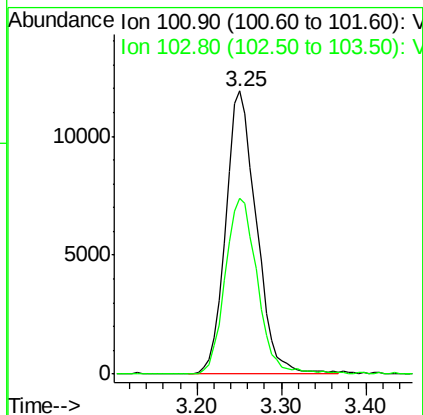
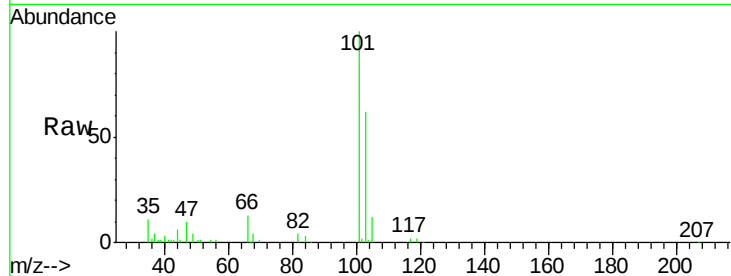


#7

Trichlorofluoromethane
 Concen: 22.045 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Instrument :
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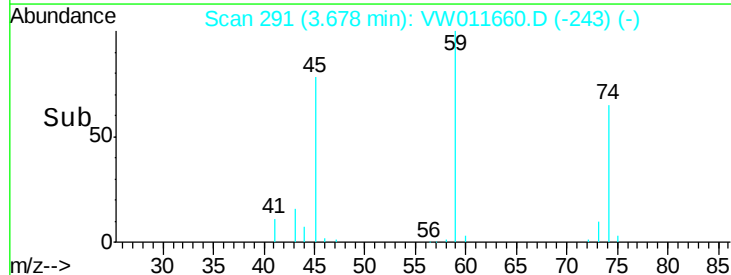
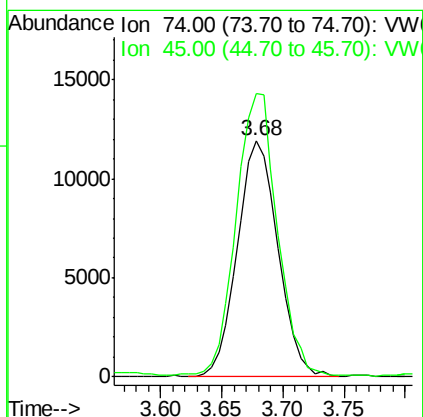
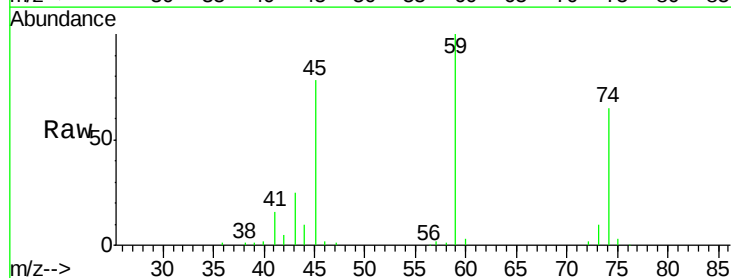
Tot Ion:101 Resp: 29617
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.2 75.4

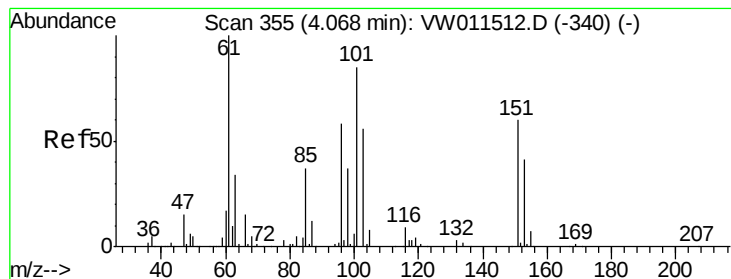


#8

Diethyl Ether
 Concen: 18.081 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion: 74 Resp: 27541
 Ion Ratio Lower Upper
 74 100
 45 123.5 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.378 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

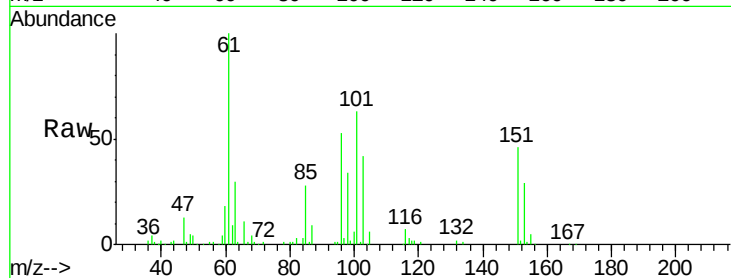
Tot Ion:101 Resp: 51933

Ion Ratio Lower Upper

101 100

85 44.2 36.6 54.8

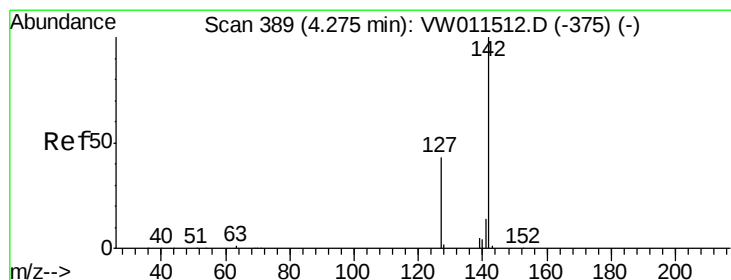
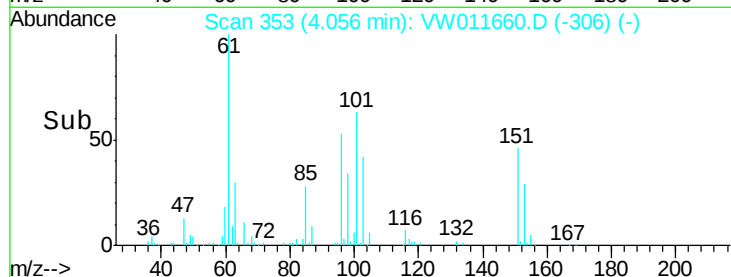
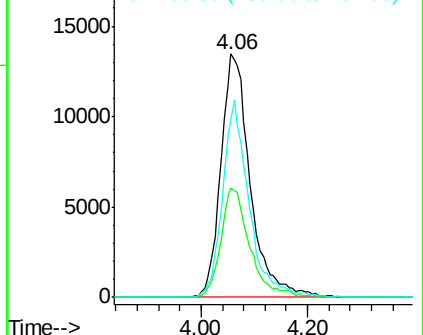
151 73.0 60.2 90.2



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: 18.751 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

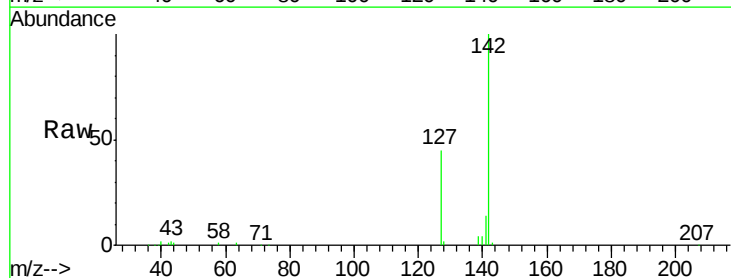
Tgt Ion:142 Resp: 67530

Ion Ratio Lower Upper

142 100

127 45.0 35.0 52.6

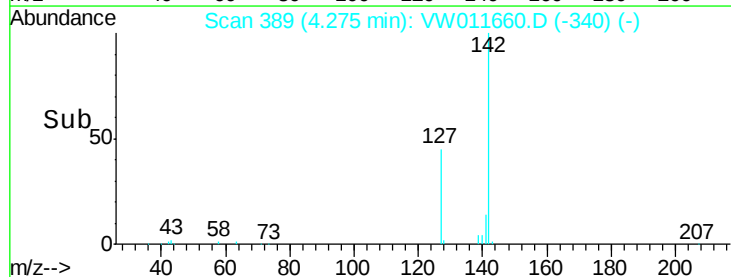
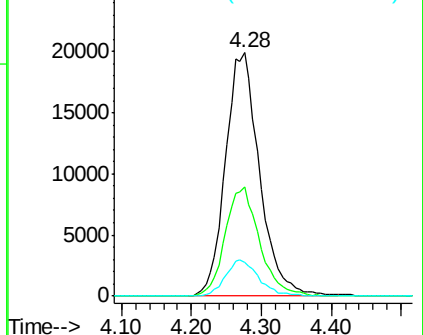
141 14.4 11.9 17.9

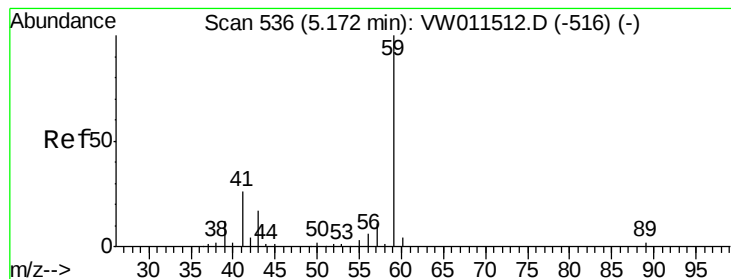


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



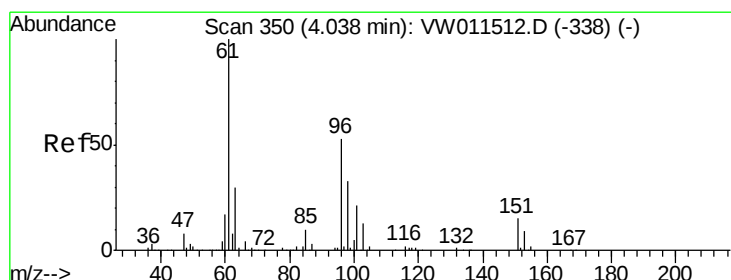
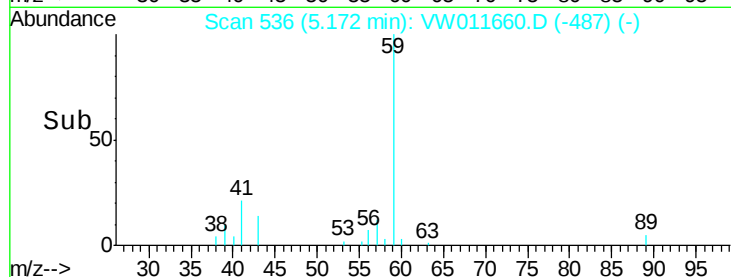
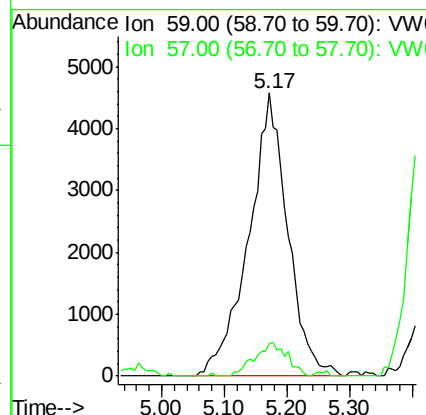
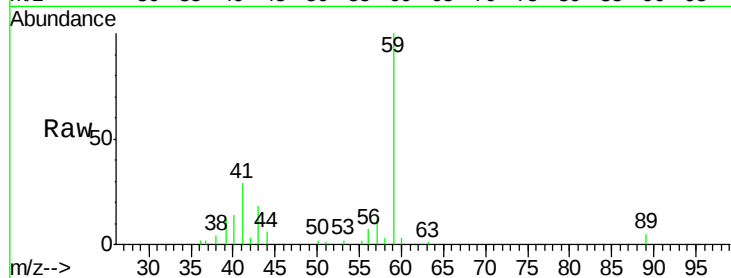


#11

Tert butyl alcohol
 Concen: 77.433 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

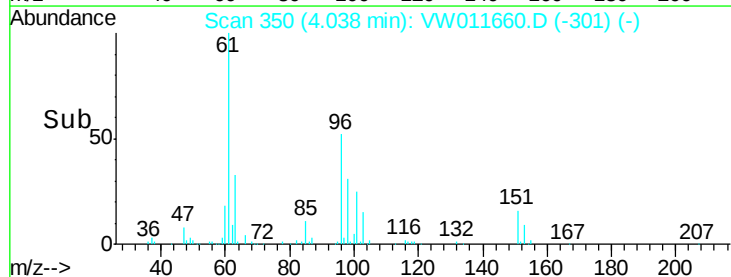
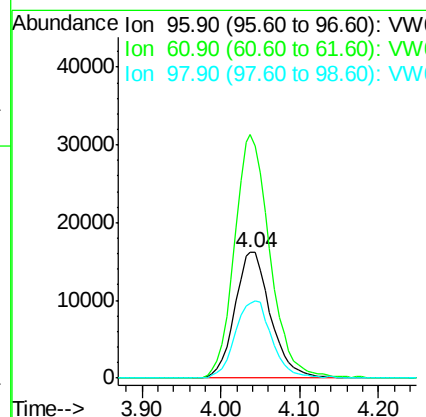
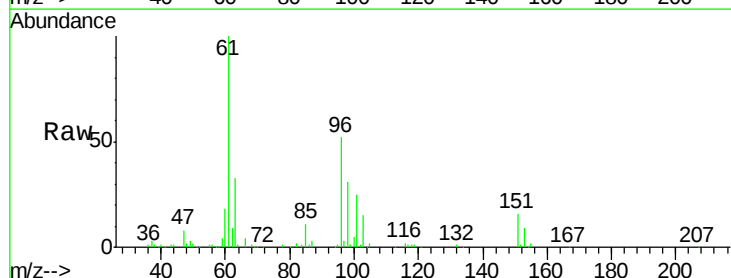
Tot Ion: 59 Resp: 19649
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

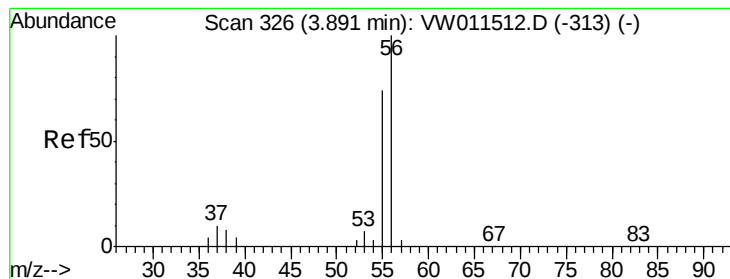


#12

1,1-Dichloroethene
 Concen: 18.985 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion: 96 Resp: 51085
 Ion Ratio Lower Upper
 96 100
 61 193.8 149.9 224.9
 98 59.9 49.1 73.7





#13

Acrolein

Concen: 85.673 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

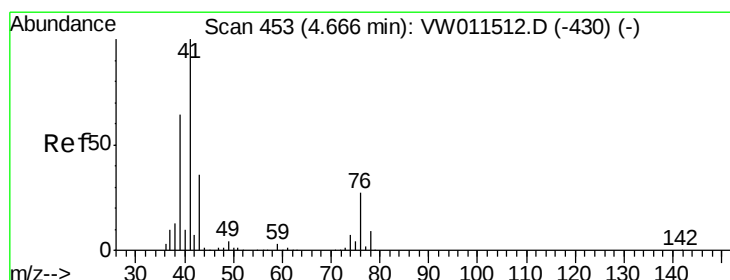
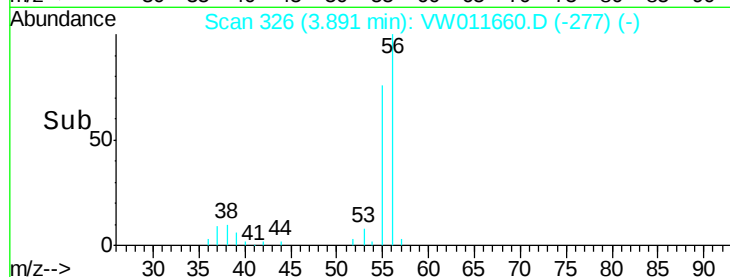
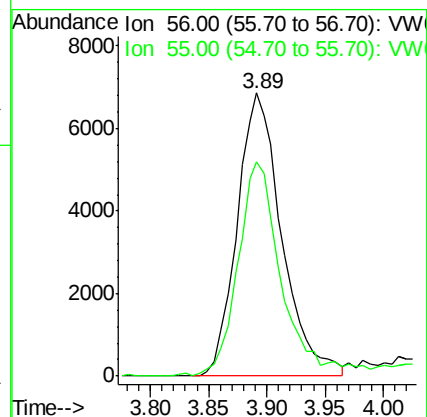
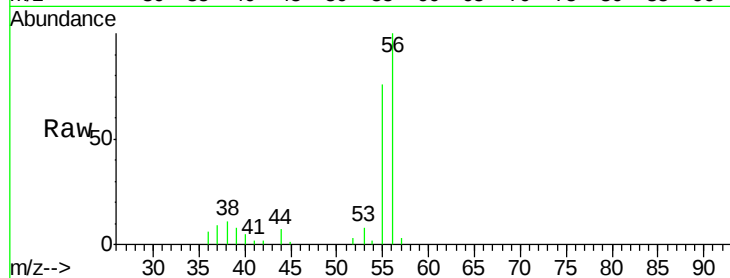
VW0804SBSD01

Tot Ion: 56 Resp: 18238

Ion Ratio Lower Upper

56 100

55 71.4 56.0 84.0



#14

Allyl chloride

Concen: 18.991 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

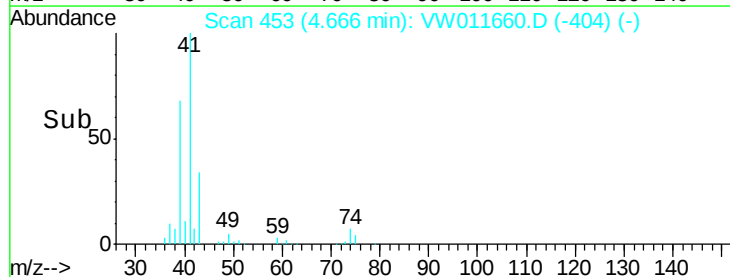
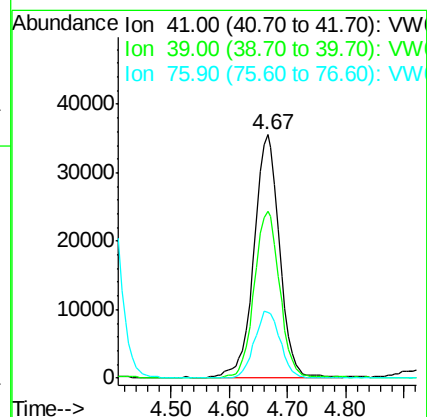
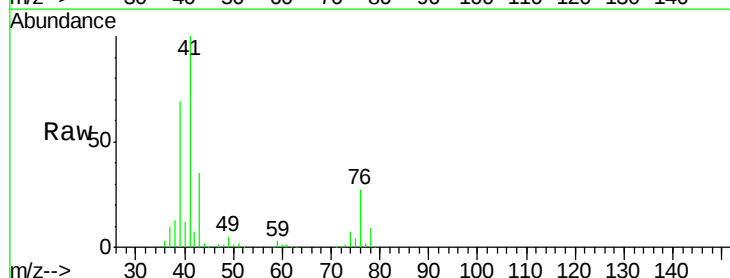
Tgt Ion: 41 Resp: 108688

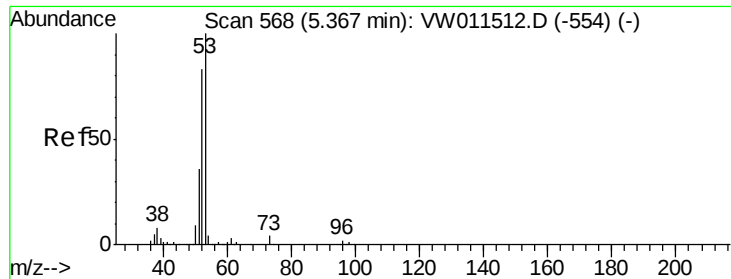
Ion Ratio Lower Upper

41 100

39 67.3 52.6 78.8

76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 88.952 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleID :

VW0804SBSD01

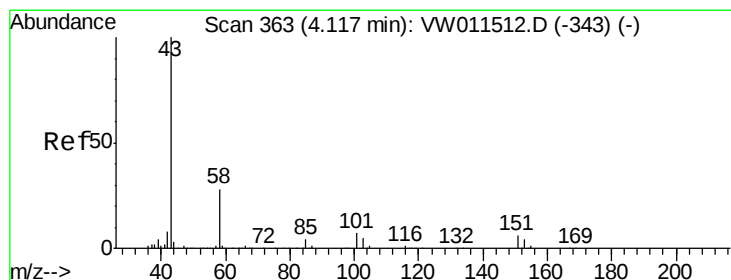
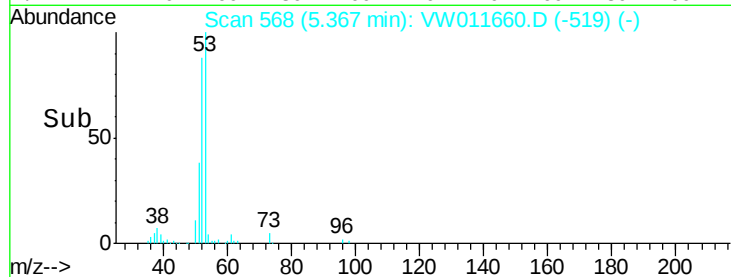
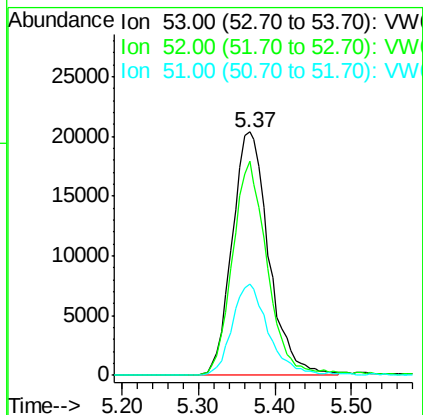
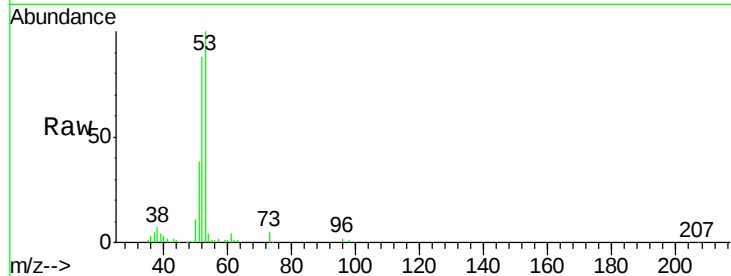
Tot Ion: 53 Resp: 67637

Ion Ratio Lower Upper

53 100

52 83.4 67.2 100.8

51 37.6 30.0 45.0



#16

Acetone

Concen: 73.096 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011660.D

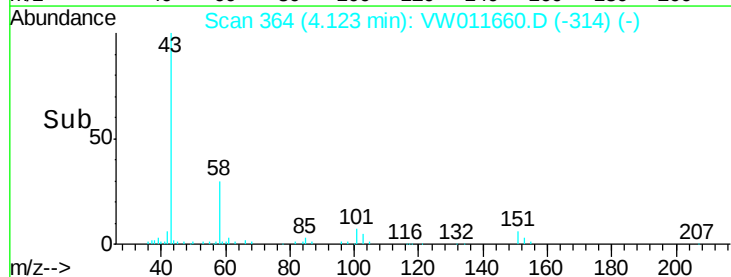
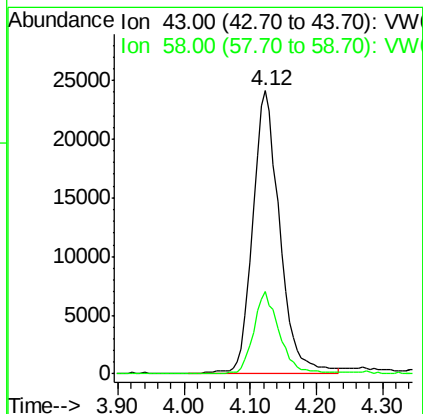
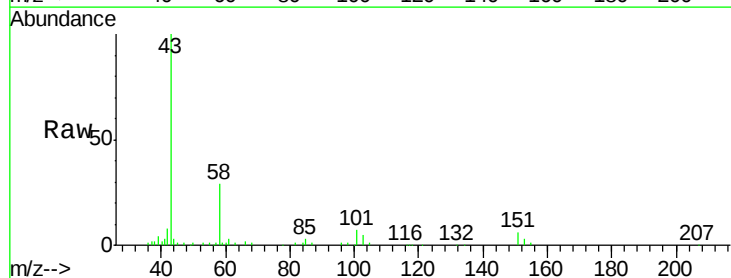
Acq: 03 Aug 2019 12:47

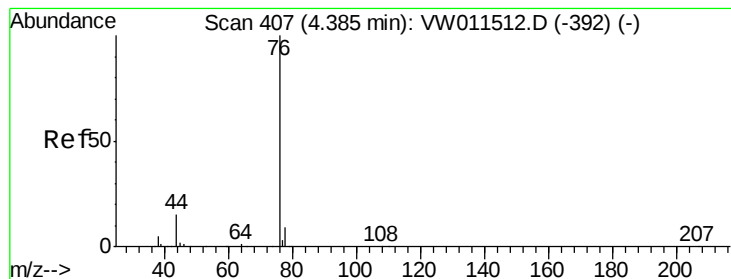
Tgt Ion: 43 Resp: 68984

Ion Ratio Lower Upper

43 100

58 29.3 22.3 33.5





#17

Carbon Disulfide

Concen: 18.532 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

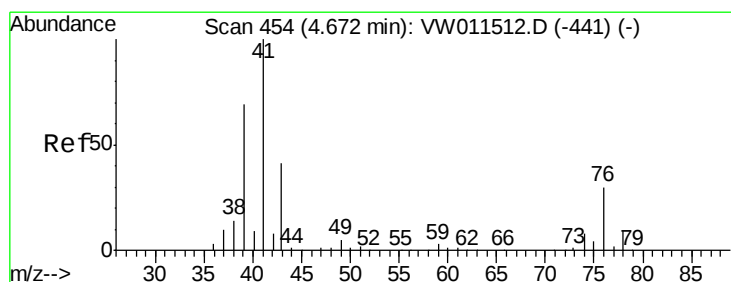
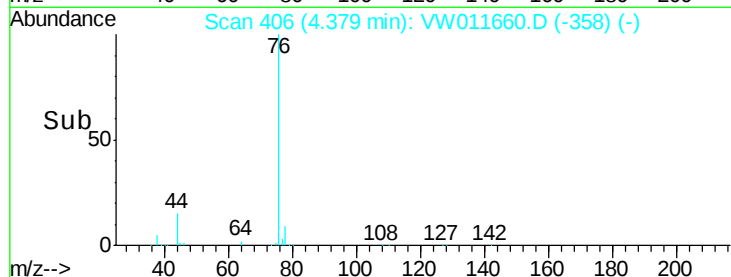
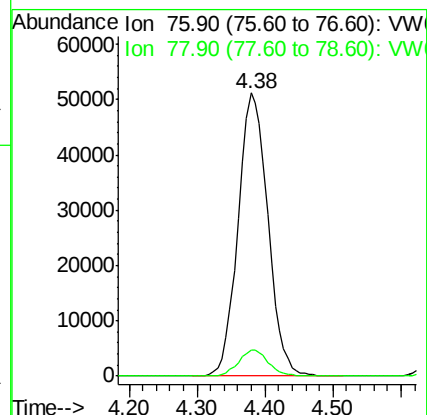
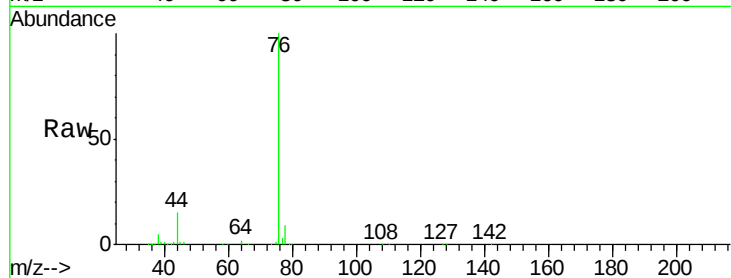
VW0804SBSD01

Tot Ion: 76 Resp: 156072

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 18.047 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011660.D

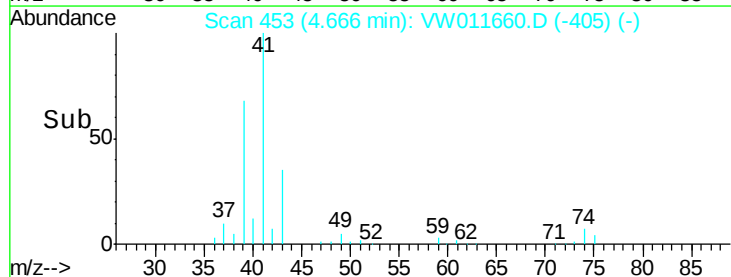
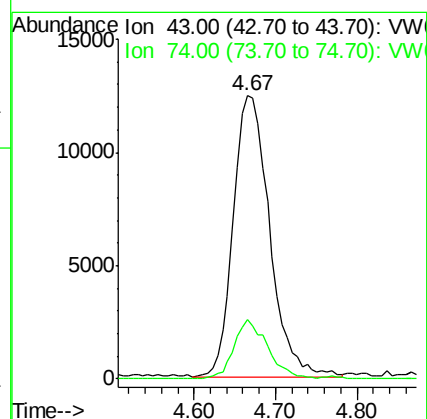
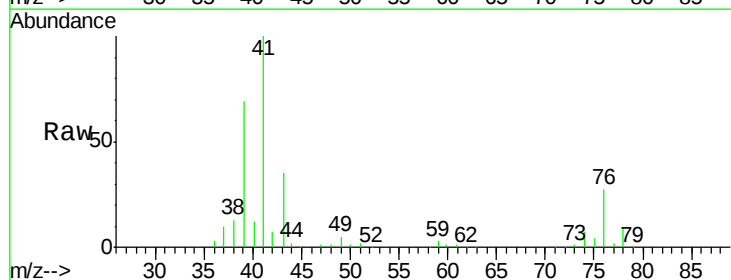
Acq: 03 Aug 2019 12:47

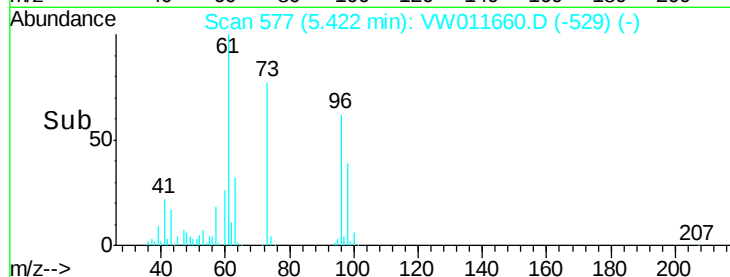
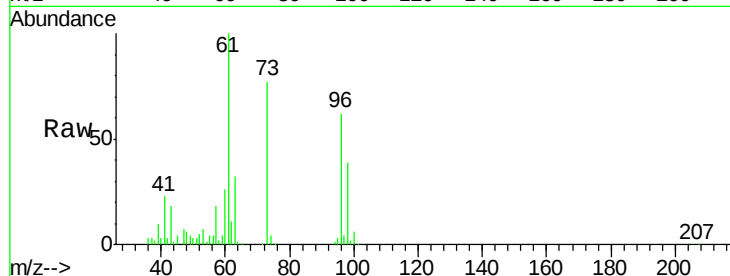
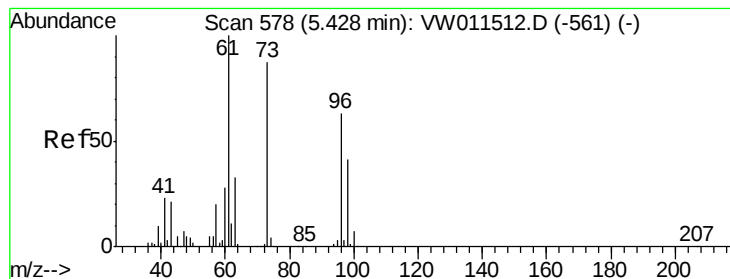
Tgt Ion: 43 Resp: 38261

Ion Ratio Lower Upper

43 100

74 19.4 15.9 23.9



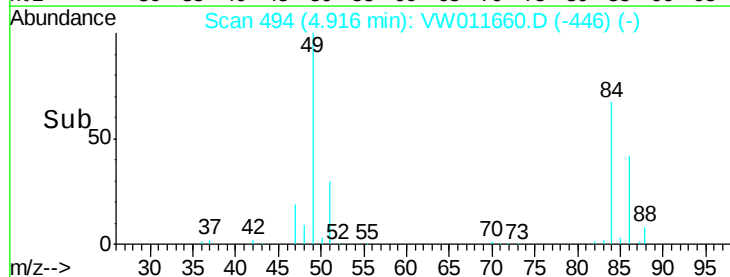
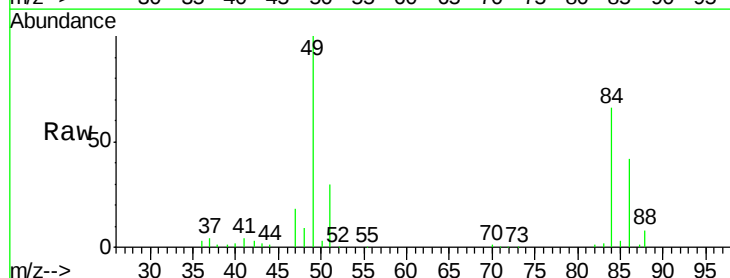
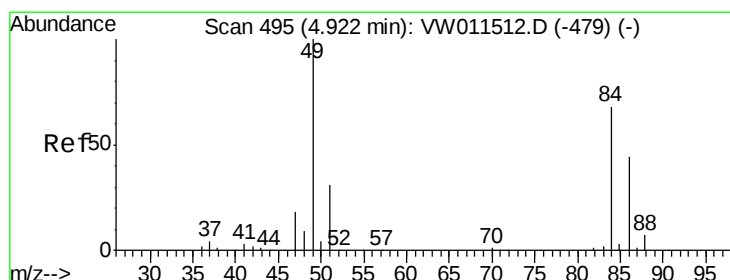
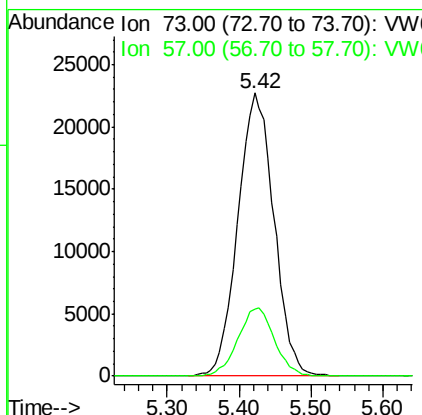


#19

Methyl tert-butyl Ether
 Concen: 18.479 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0804SBSD01

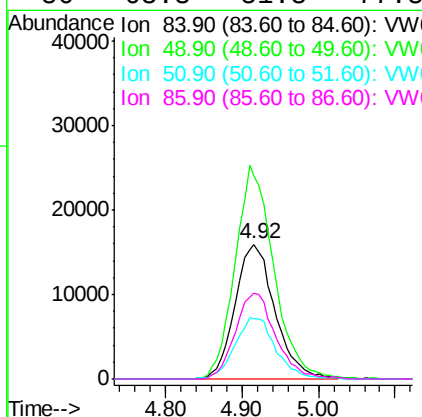
Tot Ion: 73 Resp: 78908
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.4 27.6

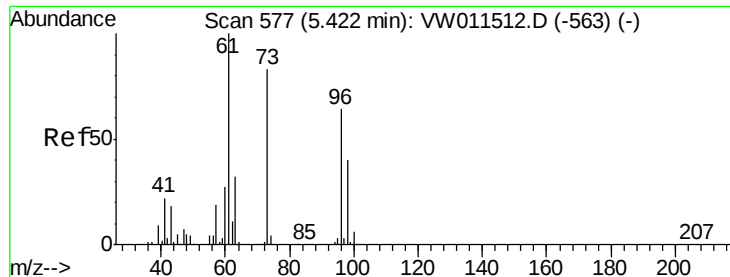


#20

Methylene Chloride
 Concen: 17.749 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion: 84 Resp: 57769
 Ion Ratio Lower Upper
 84 100
 49 150.6 117.8 176.6
 51 45.0 37.0 55.4
 86 63.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 19.304 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

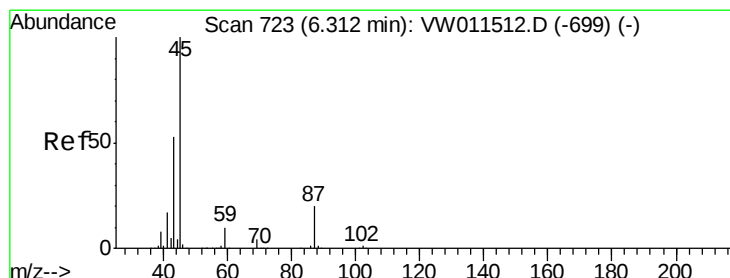
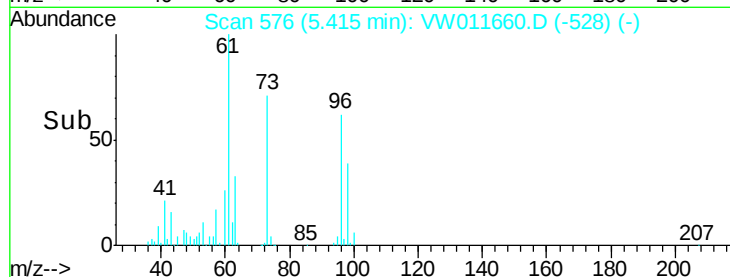
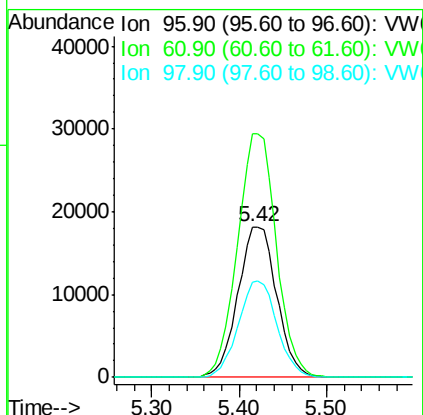
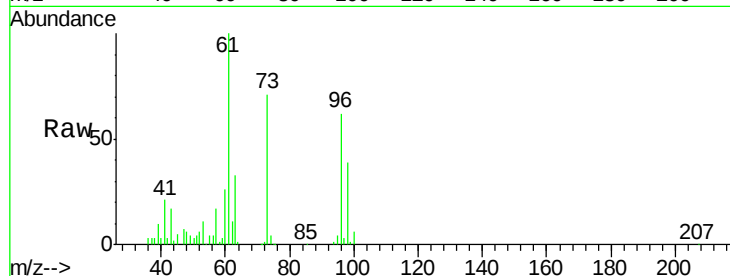
Tot Ion: 96 Resp: 56000

Ion Ratio Lower Upper

96 100

61 161.1 125.7 188.5

98 63.1 50.3 75.5



#22

Diisopropyl ether

Concen: 19.043 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Tgt Ion: 45 Resp: 205478

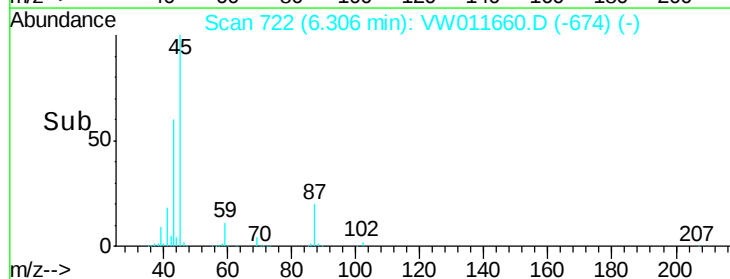
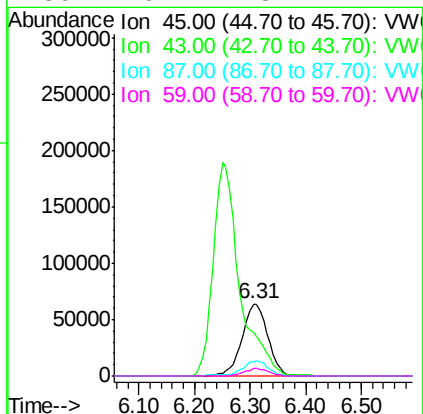
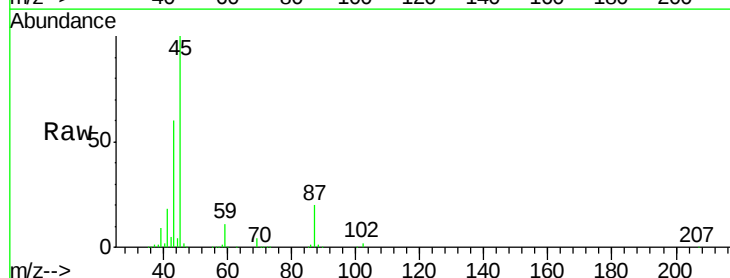
Ion Ratio Lower Upper

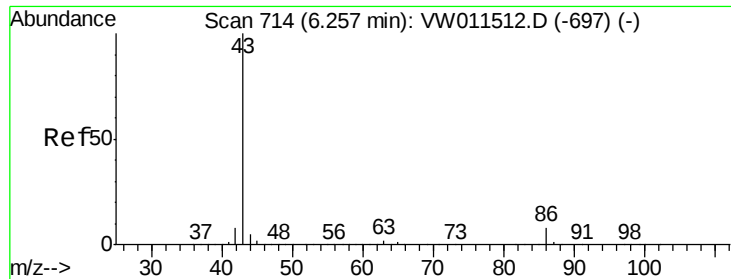
45 100

43 60.0 42.6 63.8

87 20.3 16.4 24.6

59 10.7 8.2 12.2





#23

Vinyl Acetate

Concen: 92.028 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

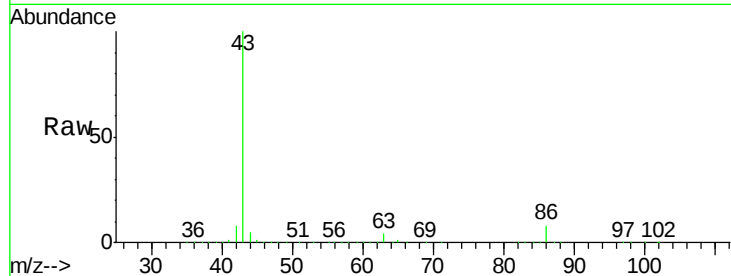
VW0804SBSD01

Tot Ion: 43 Resp: 623957

Ion Ratio Lower Upper

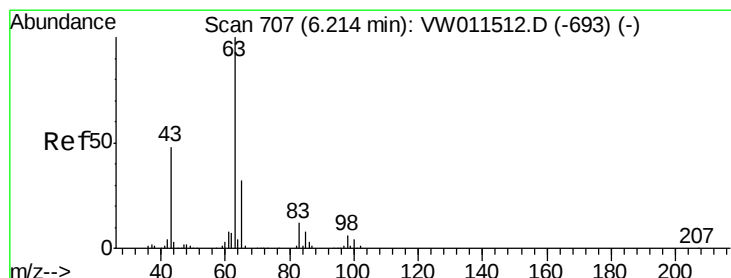
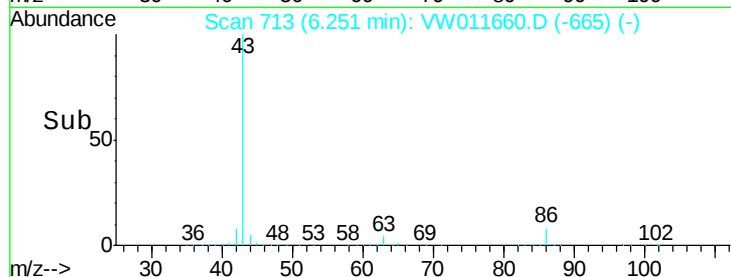
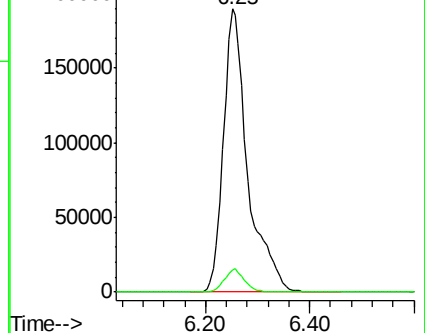
43 100

86 7.9 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.187 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

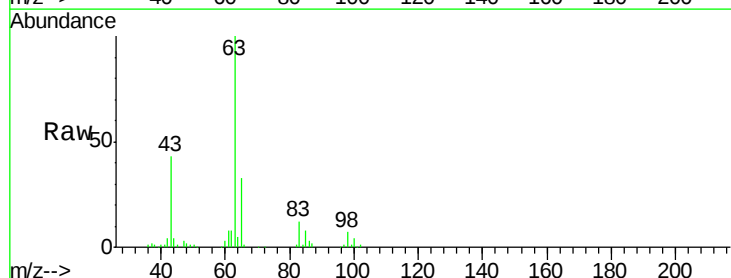
Tgt Ion: 63 Resp: 110882

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.8

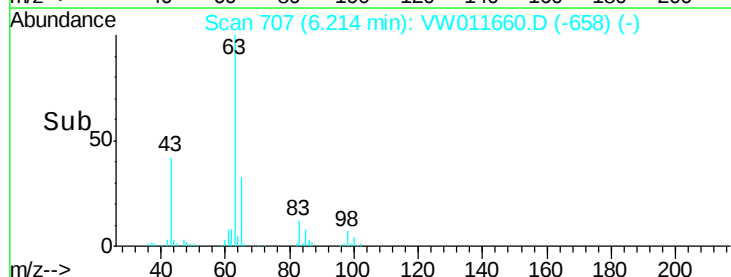
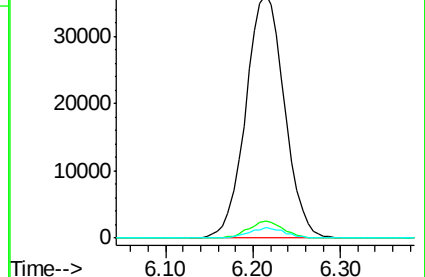
100 4.3 2.1 6.3

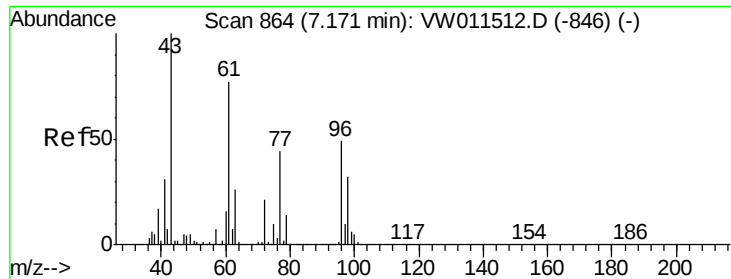


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 81.223 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

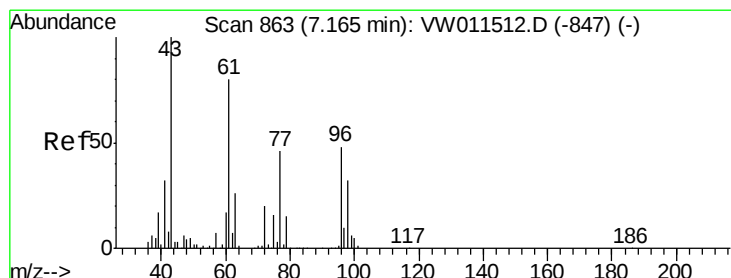
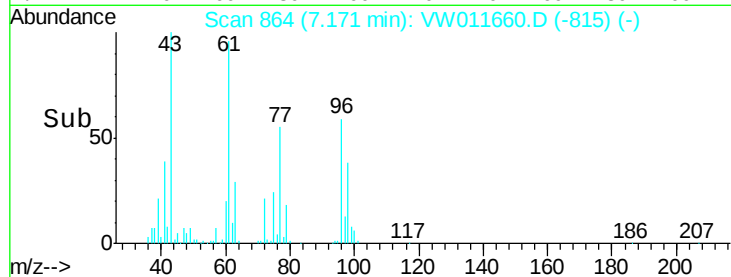
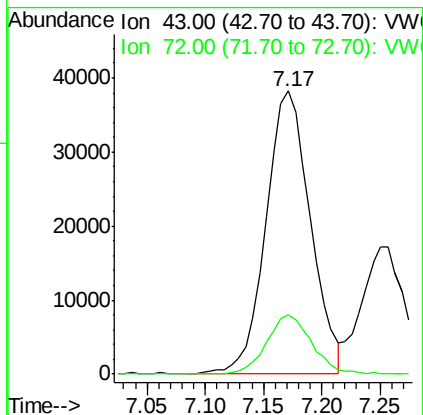
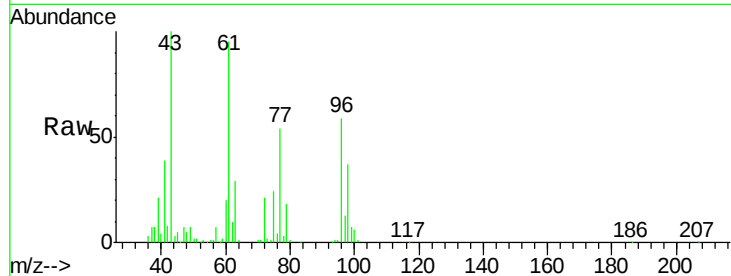
VW0804SBSD01

Tot Ion: 43 Resp: 100303

Ion Ratio Lower Upper

43 100

72 20.9 16.6 24.8



#26

2,2-Dichloropropane

Concen: 18.664 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011660.D

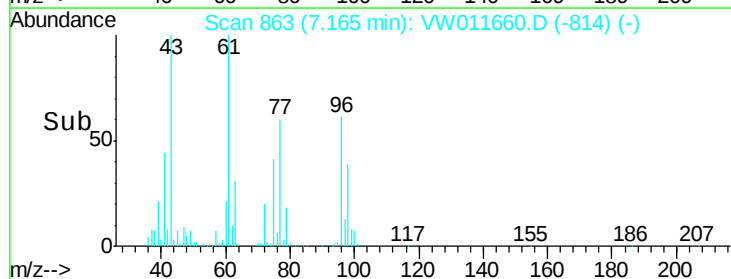
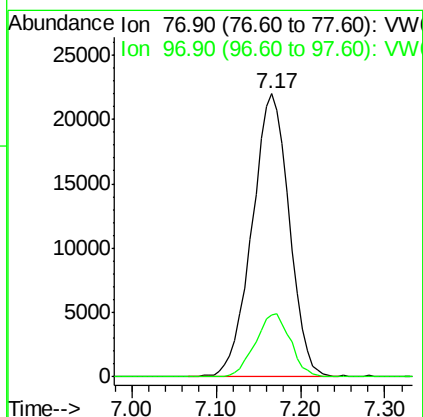
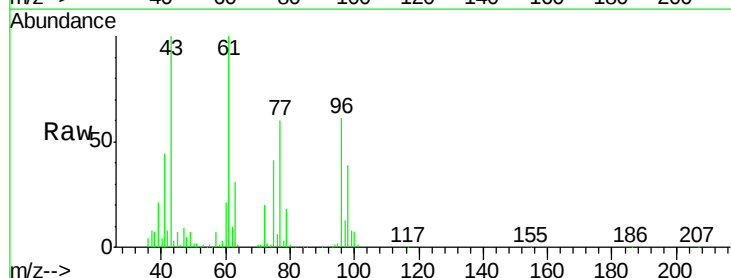
Acq: 03 Aug 2019 12:47

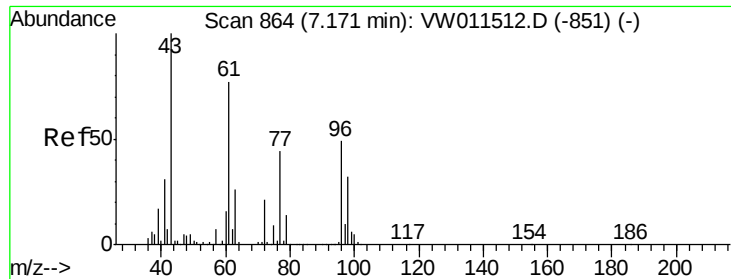
Tgt Ion: 77 Resp: 66331

Ion Ratio Lower Upper

77 100

97 21.1 10.8 32.4



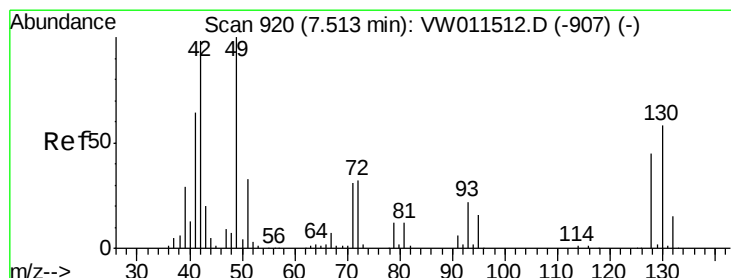
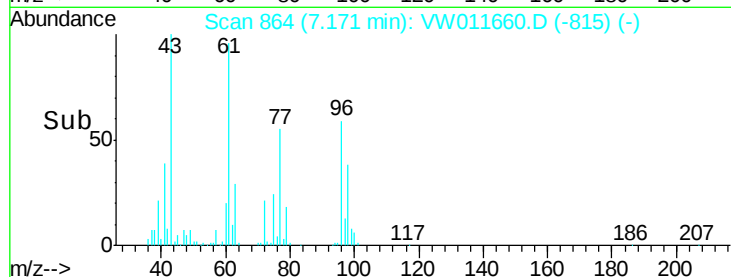
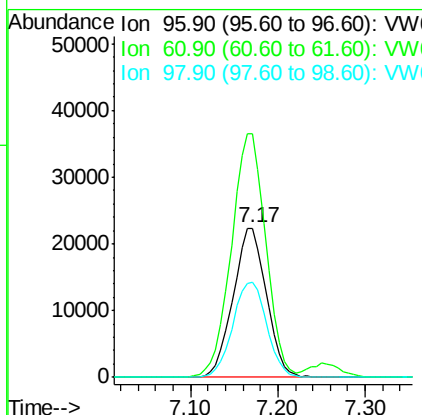
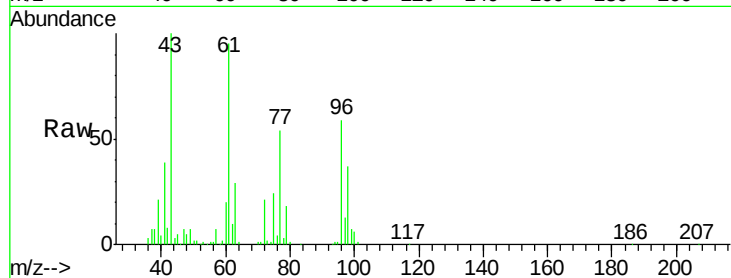


#27

cis-1,2-Dichloroethene
 Concen: 18.545 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0804SBSD01

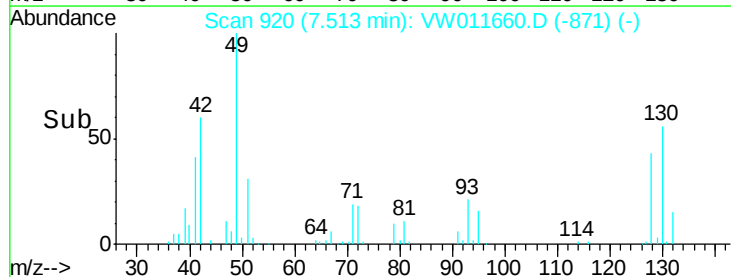
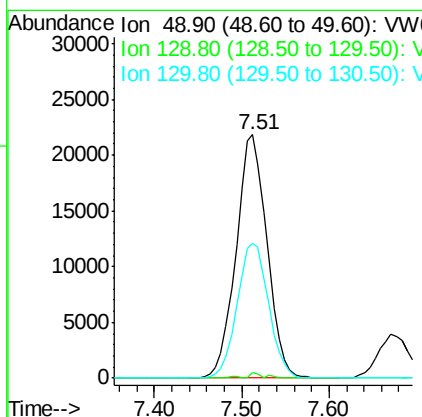
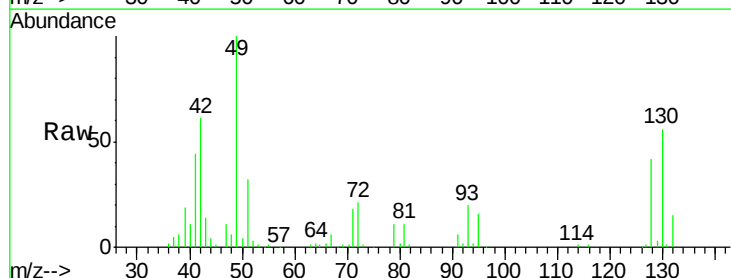
Tot Ion: 96 Resp: 59210
 Ion Ratio Lower Upper
 96 100
 61 168.4 0.0 328.4
 98 65.1 0.0 128.8

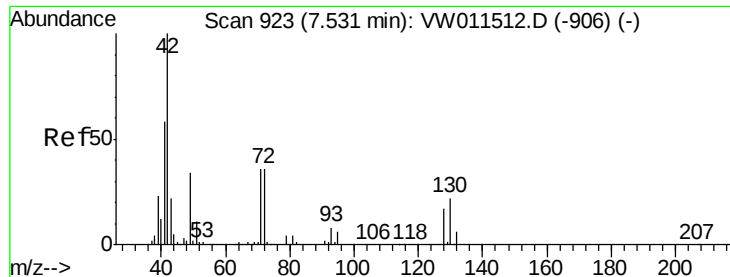


#28

Bromochloromethane
 Concen: 20.910 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion: 49 Resp: 53635
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 1.0
 130 56.1 46.3 69.5





#29

Tetrahydrofuran

Concen: 87.032 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

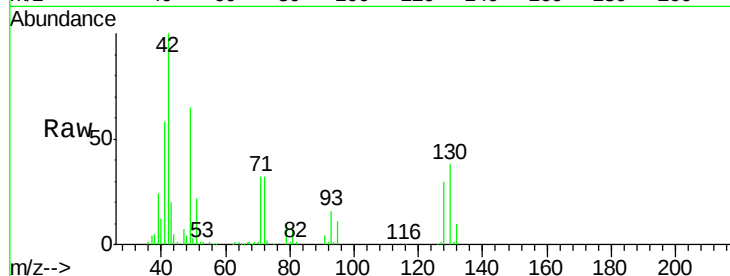
Tot Ion: 42 Resp: 61435

Ion Ratio Lower Upper

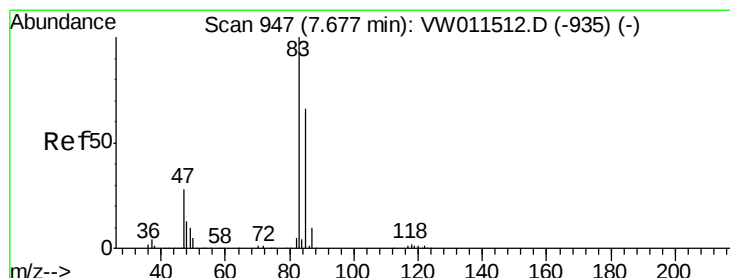
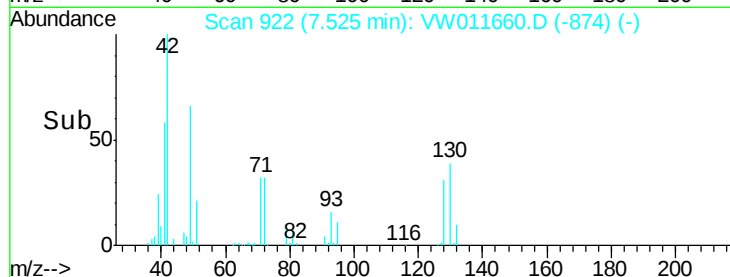
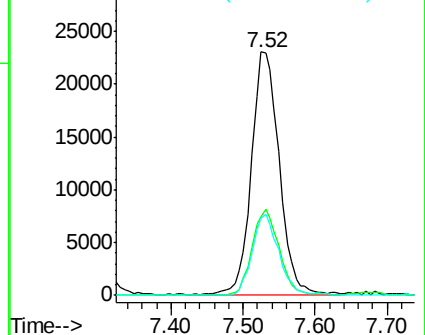
42 100

72 34.8 27.1 40.7

71 32.3 26.2 39.4



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 19.248 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW011660.D

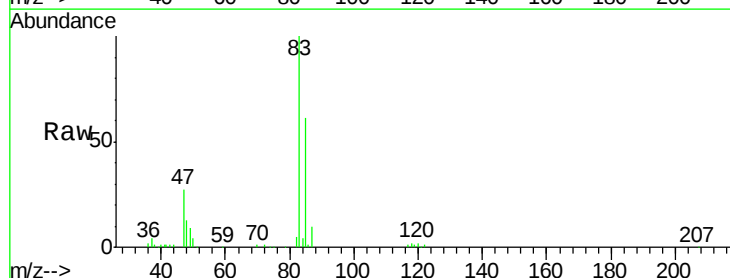
Acq: 03 Aug 2019 12:47

Tgt Ion: 83 Resp: 102617

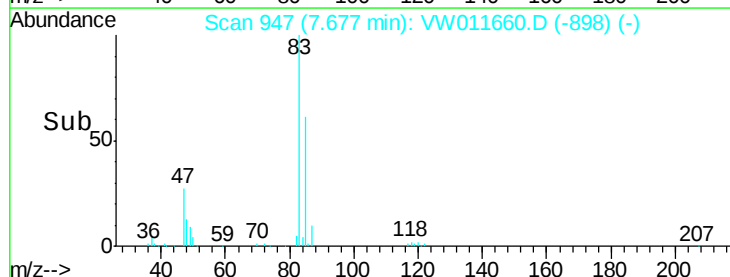
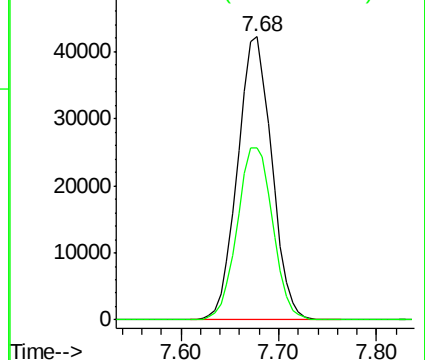
Ion Ratio Lower Upper

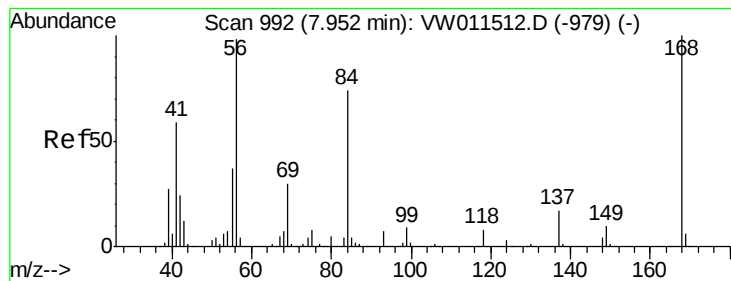
83 100

85 60.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 19.884 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

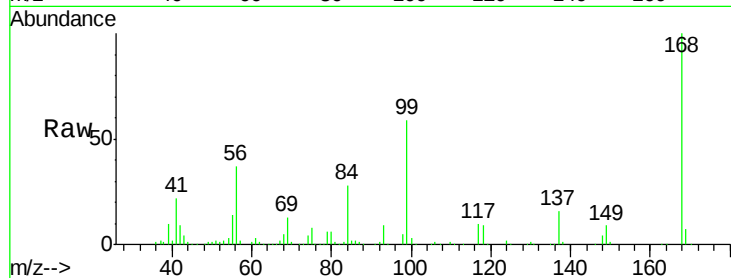
Tot Ion: 56 Resp: 110303

Ion Ratio Lower Upper

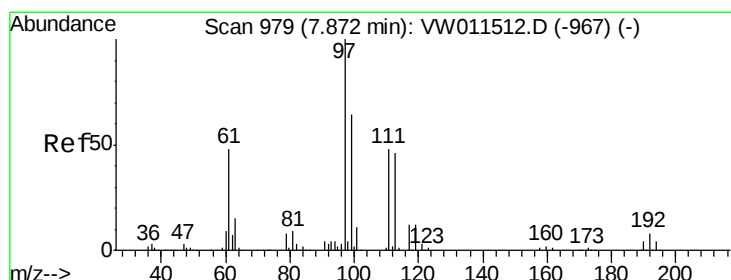
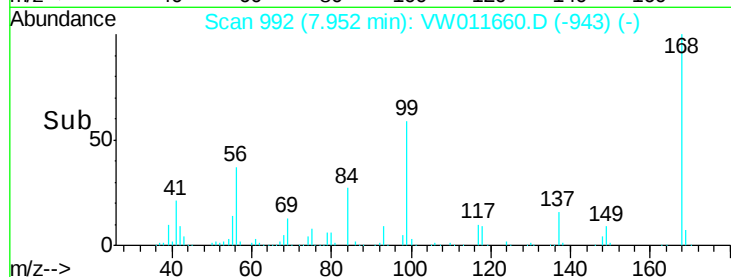
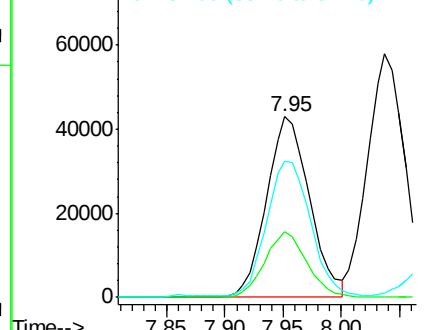
56 100

69 36.1 24.3 36.5

84 74.9 60.4 90.6



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



#32

1,1,1-Trichloroethane

Concen: 19.704 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

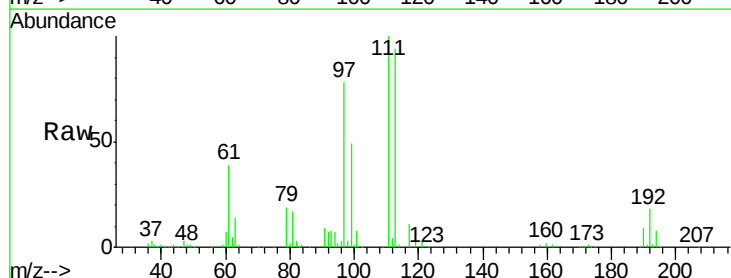
Tgt Ion: 97 Resp: 80002

Ion Ratio Lower Upper

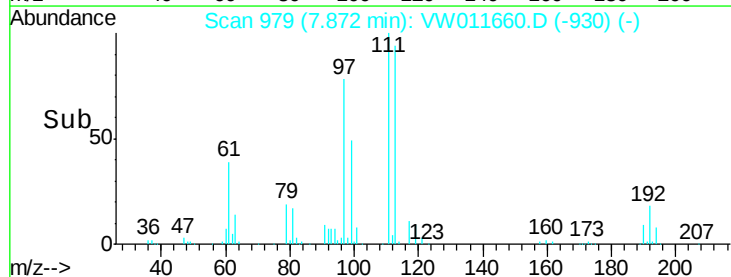
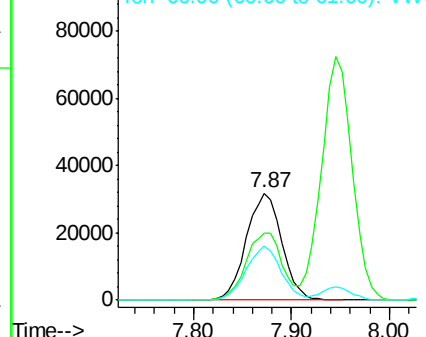
97 100

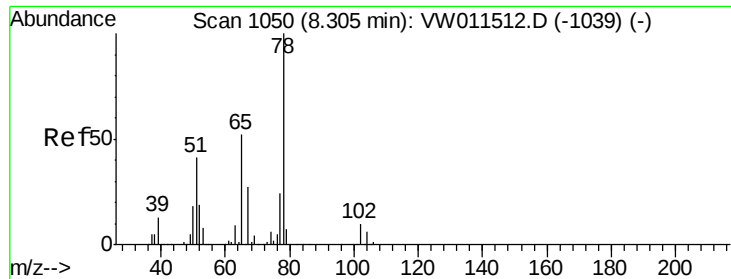
99 65.1 51.0 76.6

61 49.5 39.8 59.6



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





#33

1,2-Dichloroethane-d4

Concen: 50.101 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

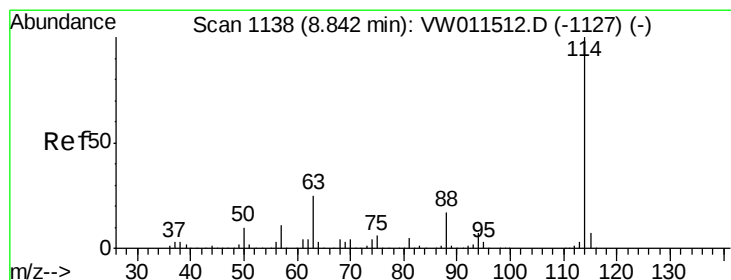
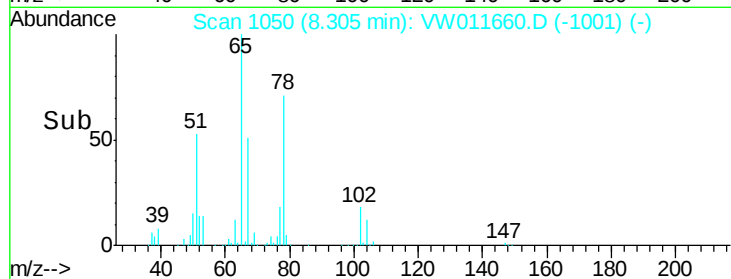
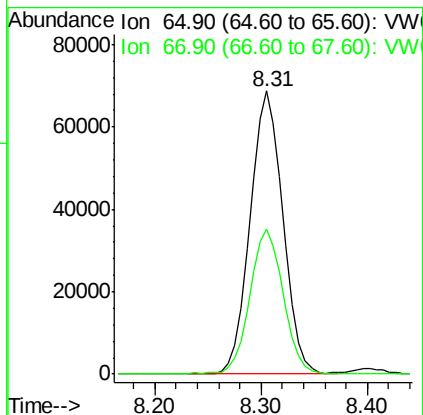
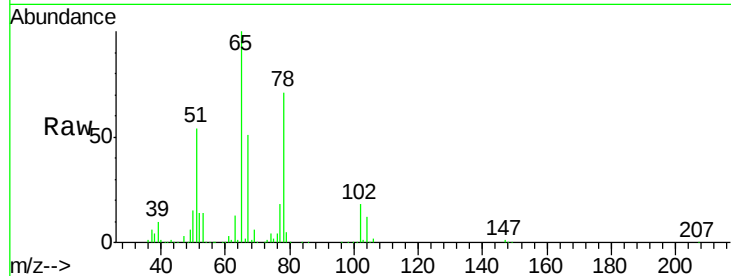
VW0804SBSD01

Tot Ion: 65 Resp: 148642

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

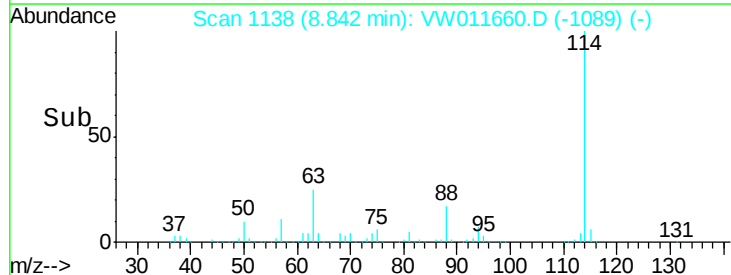
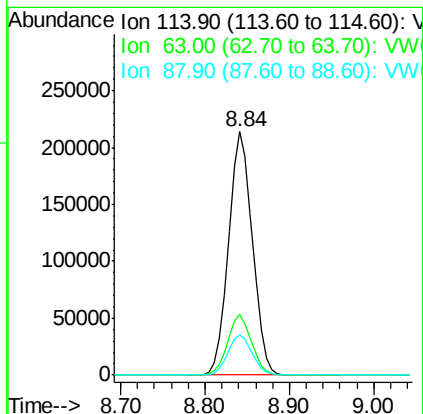
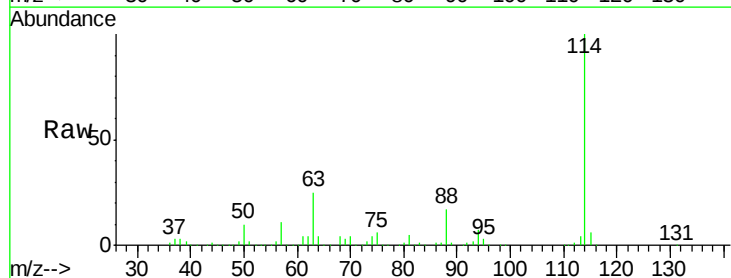
Tgt Ion: 114 Resp: 410421

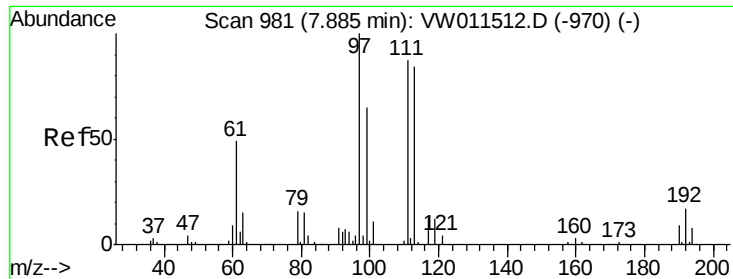
Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

88 16.6 0.0 33.8

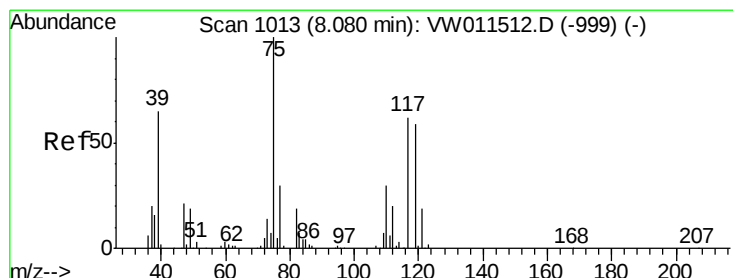
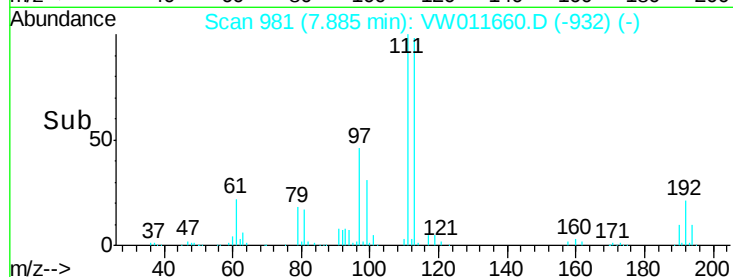
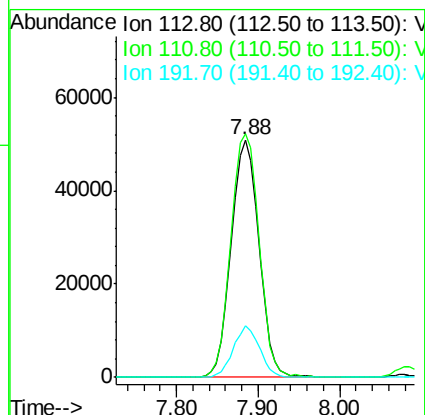
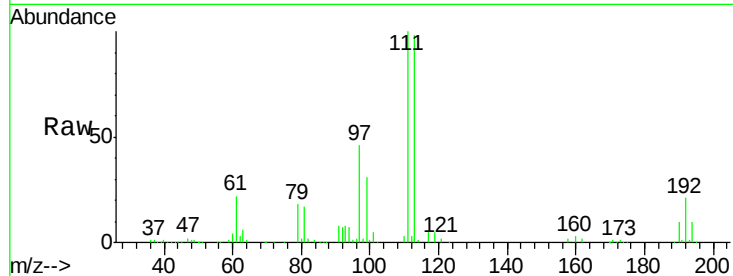




#35
 Dibromofluoromethane
 Concen: 51.942 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

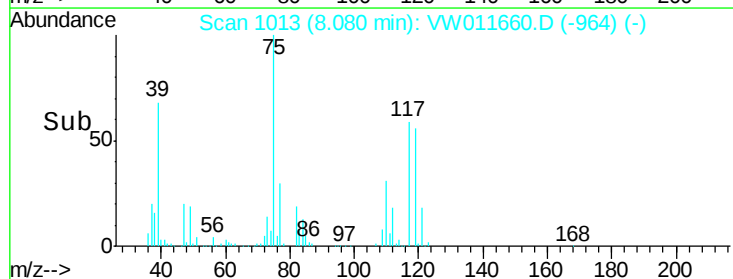
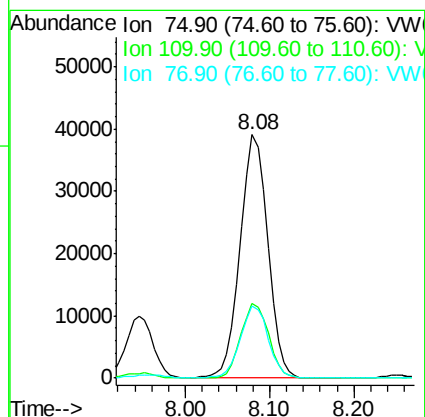
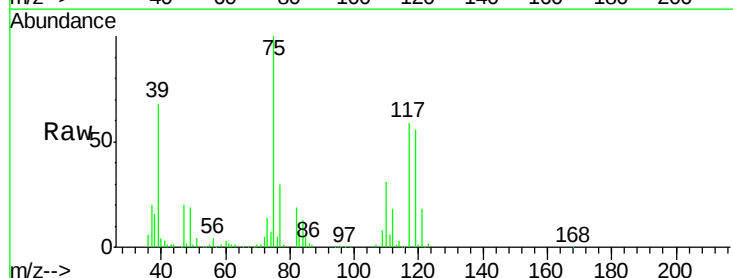
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

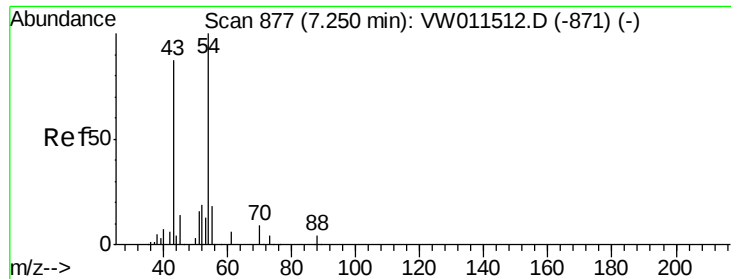
Tot Ion	Ratio	Resp	Lower	Upper
113	100	119599		
111	104.1		82.7	124.1
192	20.4		16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 20.320 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86717		
110	30.7		15.6	46.8
77	30.1		24.3	36.5

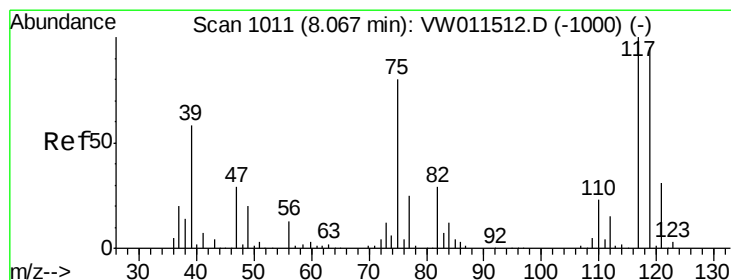
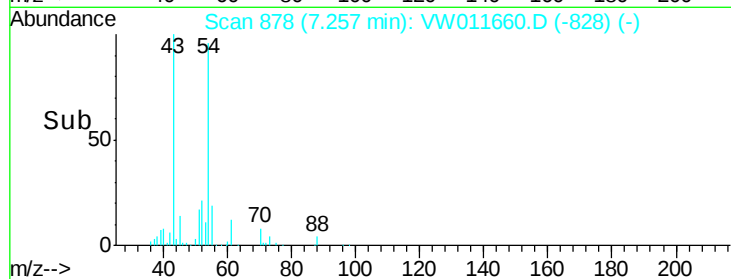
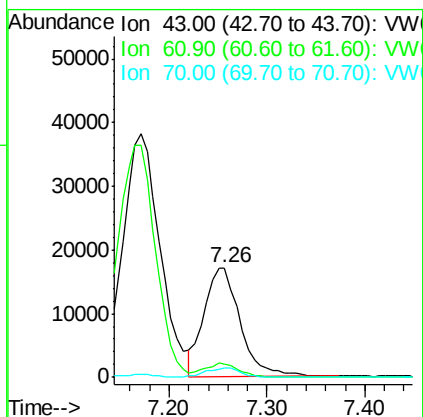
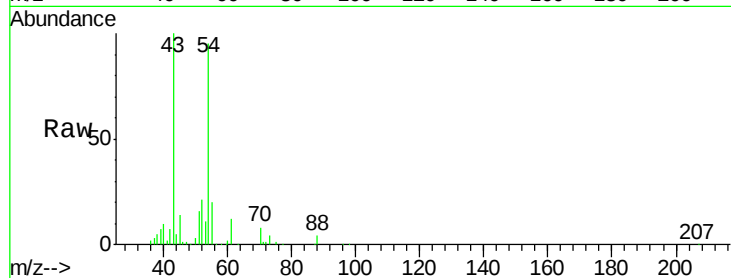




#37
Ethyl Acetate
Concen: 17.741 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

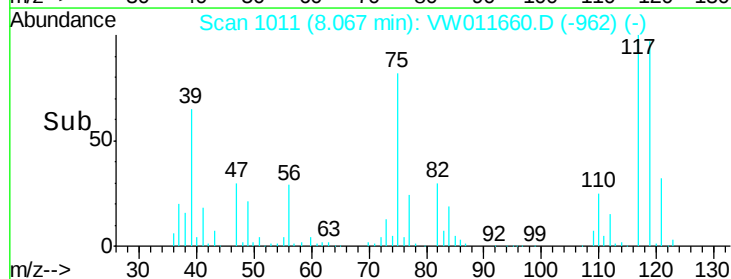
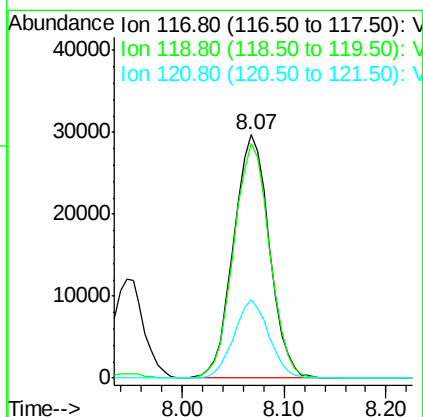
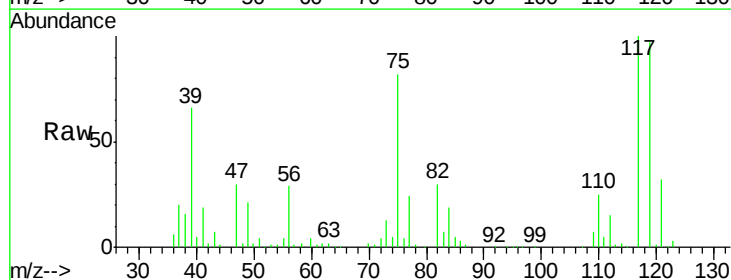
Instrument :
MSVOA_W
ClientSampled :
VW0804SBSD01

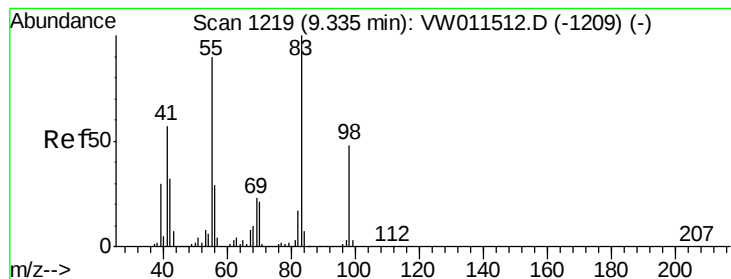
Tot Ion: 43 Resp: 43559
Ion Ratio Lower Upper
43 100
61 12.5 8.8 13.2
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.834 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

Tgt Ion: 117 Resp: 72460
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6
121 32.3 24.7 37.1





#39

Methvlcvclohexane

Concen: 20.465 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

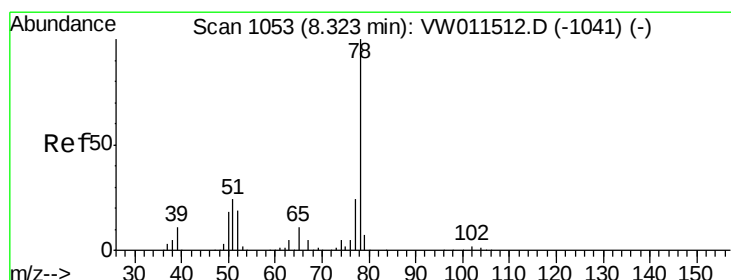
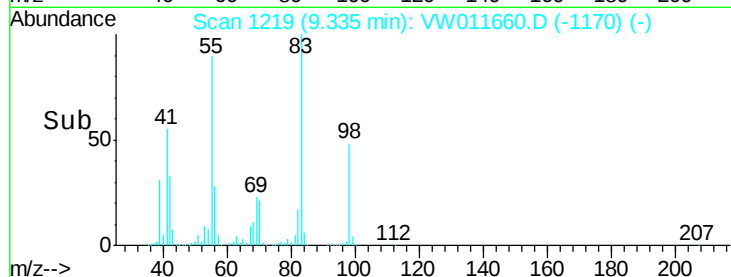
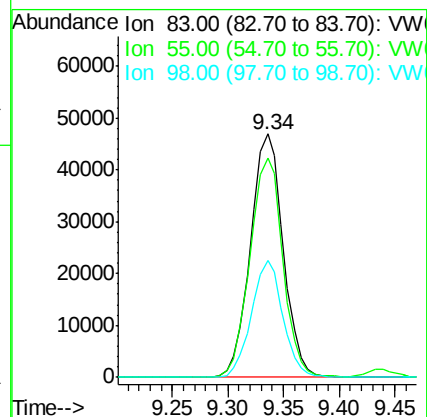
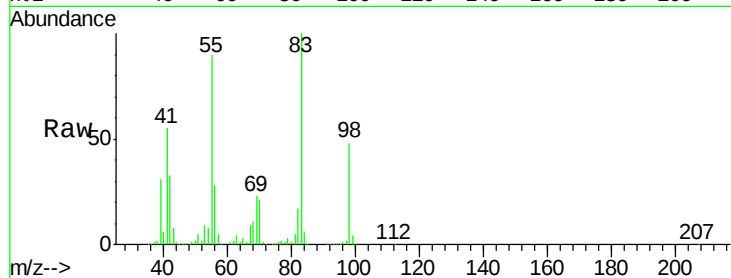
Tot Ion: 83 Resp: 96169

Ion Ratio Lower Upper

83 100

55 90.1 72.1 108.1

98 47.9 38.6 57.8



#40

Benzene

Concen: 19.657 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW011660.D

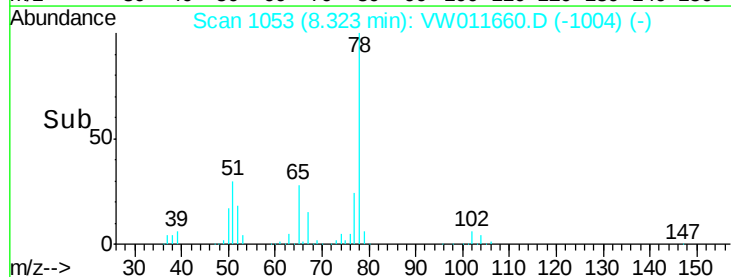
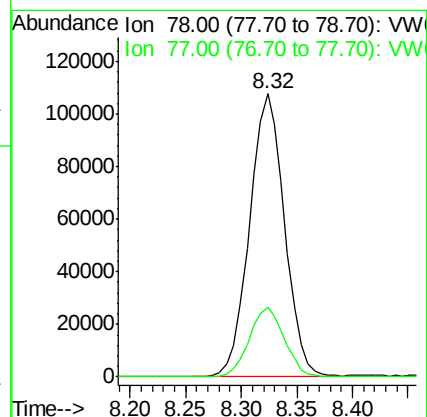
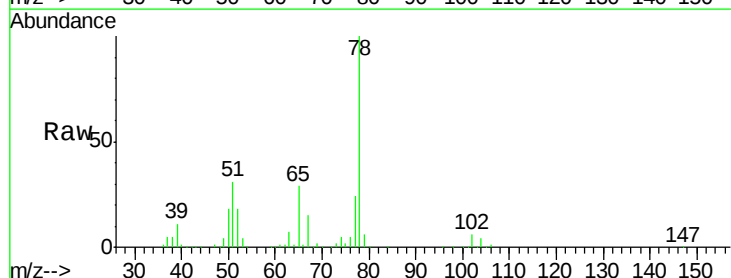
Acq: 03 Aug 2019 12:47

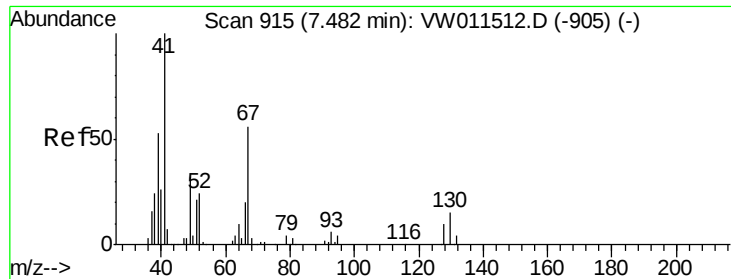
Tgt Ion: 78 Resp: 234983

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

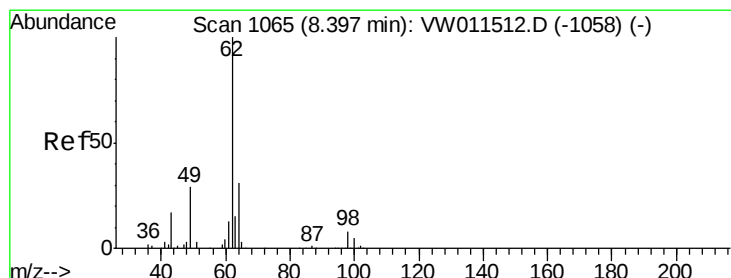
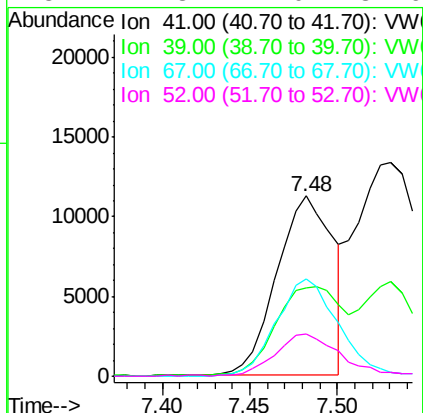
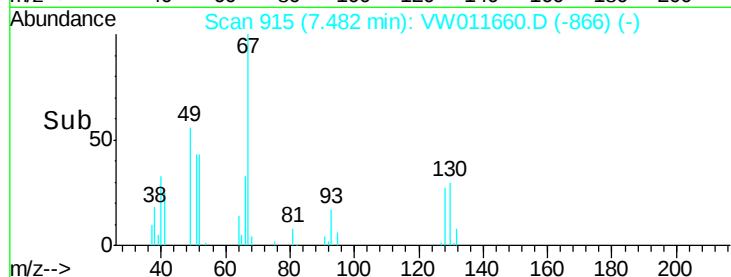
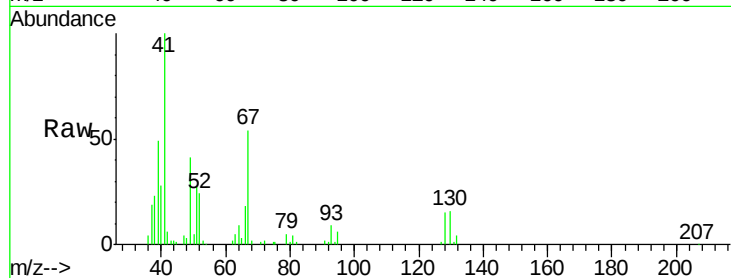




#41
Methacrylonitrile
Concen: 17.236 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

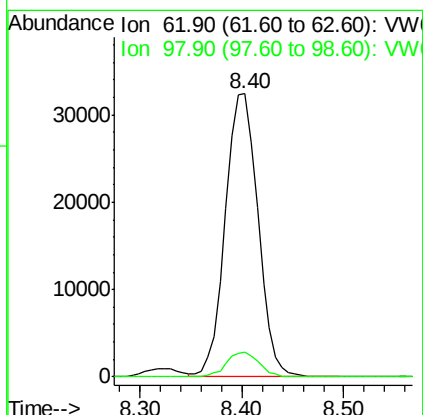
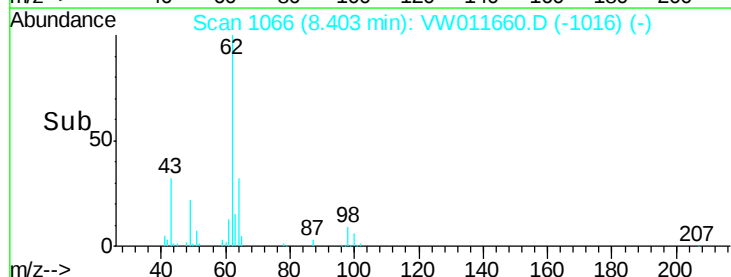
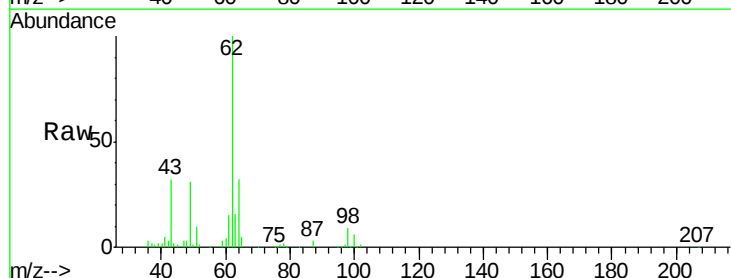
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

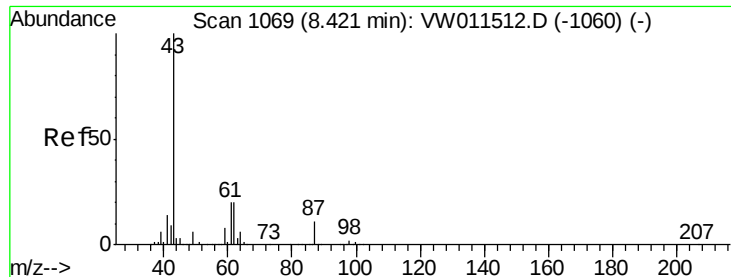
Tot Ion:	41	Resp:	25297
Ion	Ratio	Lower	Upper
41	100		
39	58.5	43.0	64.4
67	60.5	47.5	71.3
52	27.3	21.0	31.6



#42
1,2-Dichloroethane
Concen: 19.285 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

Tgt Ion:	62	Resp:	72176
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.8





#43

Isopropyl Acetate

Concen: 18.057 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

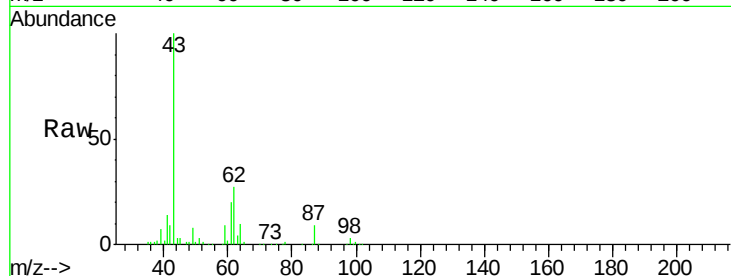
Tot Ion: 43 Resp: 81534

Ion Ratio Lower Upper

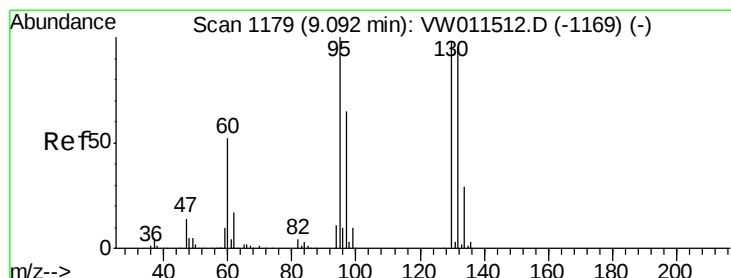
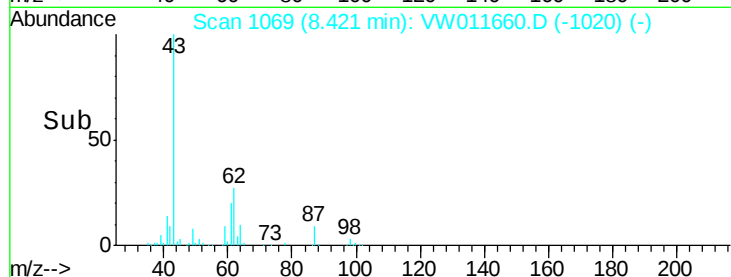
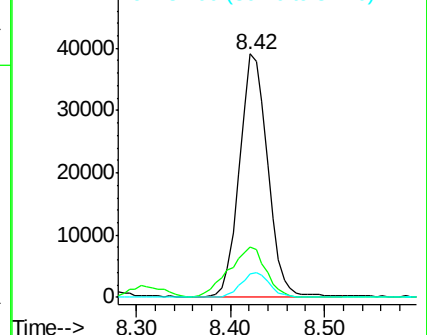
43 100

61 25.9 21.5 32.3

87 10.4 8.4 12.6



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



#44

Trichloroethene

Concen: 19.685 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011660.D

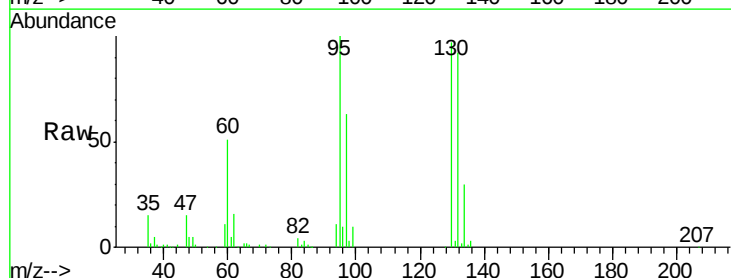
Acq: 03 Aug 2019 12:47

Tgt Ion: 130 Resp: 56557

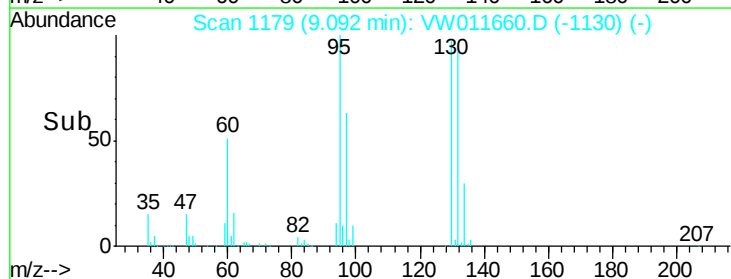
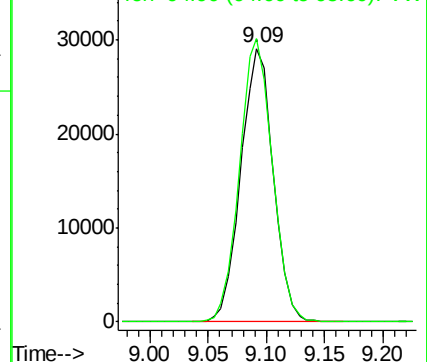
Ion Ratio Lower Upper

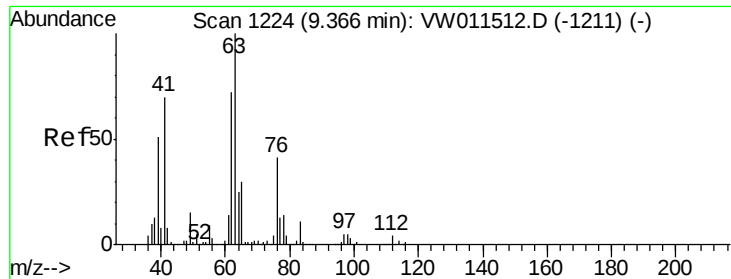
130 100

95 103.5 0.0 204.8



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





#45

1,2-Dichloropropane

Concen: 19.678 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

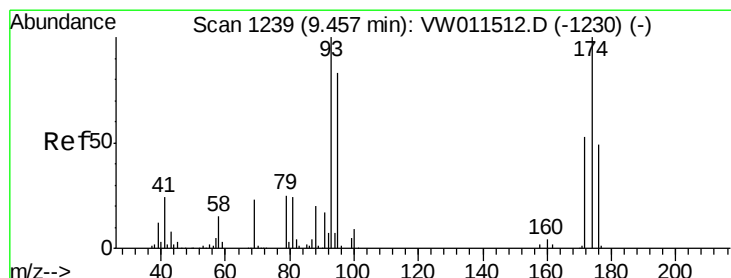
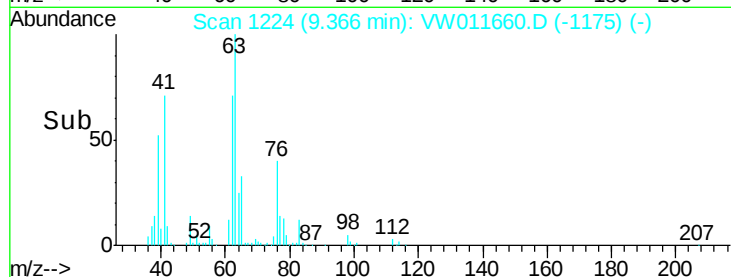
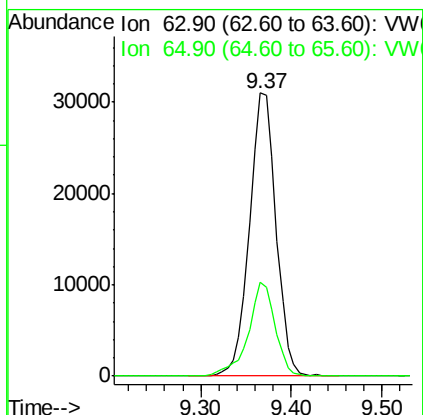
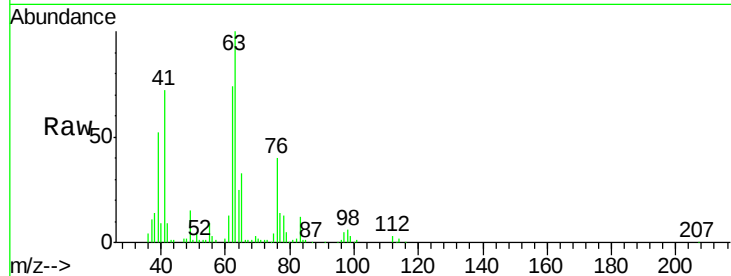
VW0804SBSD01

Tot Ion: 63 Resp: 62939

Ion Ratio Lower Upper

63 100

65 33.1 24.2 36.4



#46

Dibromomethane

Concen: 19.162 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

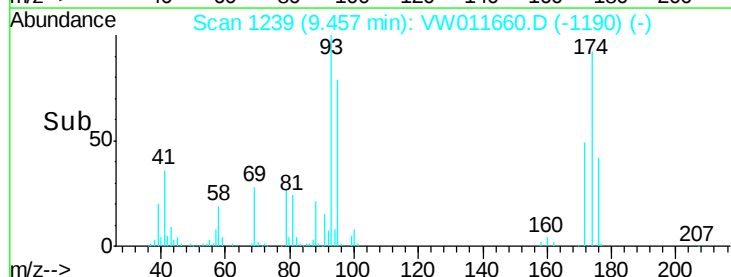
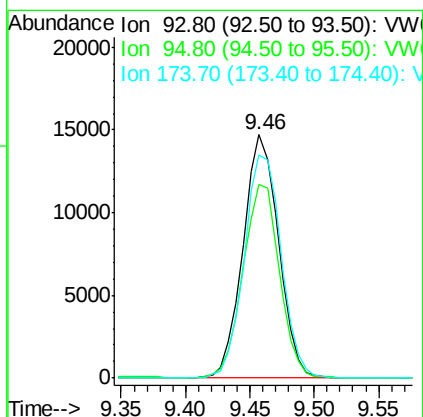
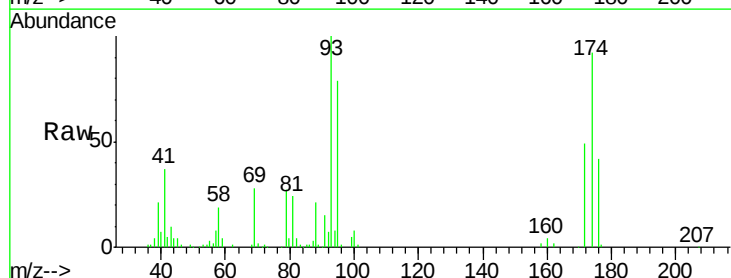
Tgt Ion: 93 Resp: 27974

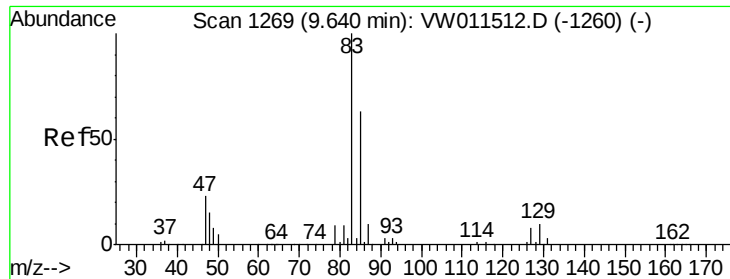
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 95.6 78.2 117.4

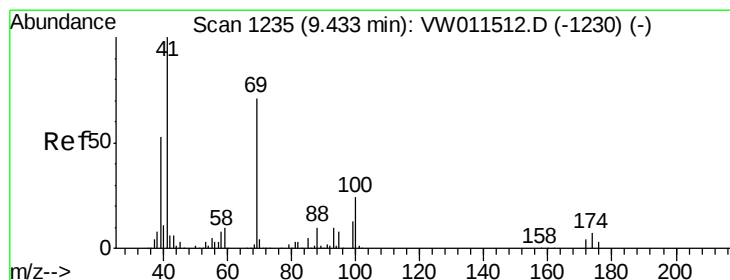
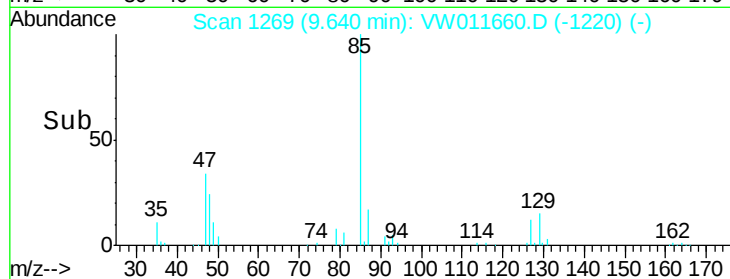
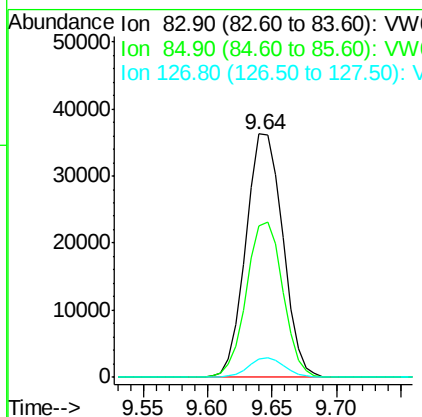
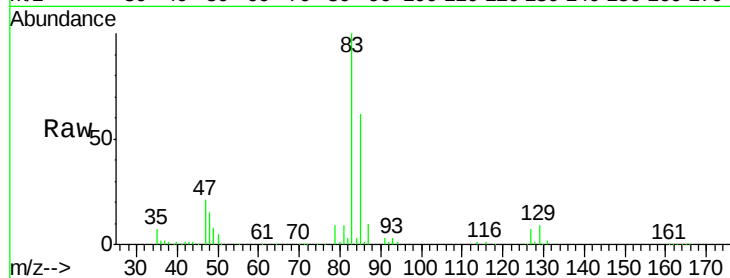




#47
 Bromodichloromethane
 Concen: 18.813 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

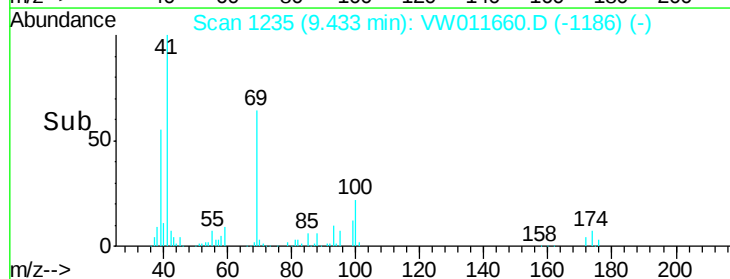
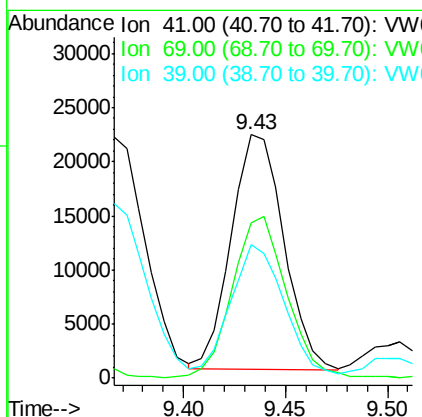
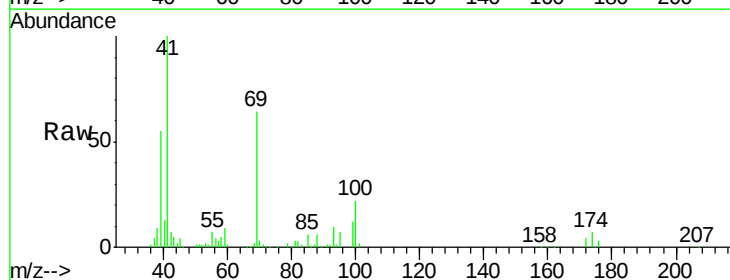
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

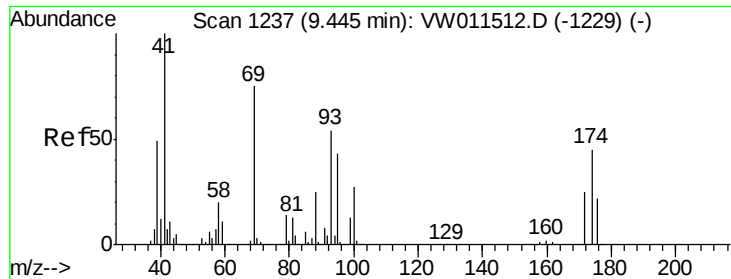
Tot Ion: 83 Resp: 72041
 Ion Ratio Lower Upper
 83 100
 85 62.1 50.5 75.7
 127 7.4 6.4 9.6



#48
 Methyl methacrylate
 Concen: 17.937 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion: 41 Resp: 38906
 Ion Ratio Lower Upper
 41 100
 69 70.9 57.1 85.7
 39 54.3 45.4 68.2





#49

1,4-Dioxane

Concen: 358.652 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

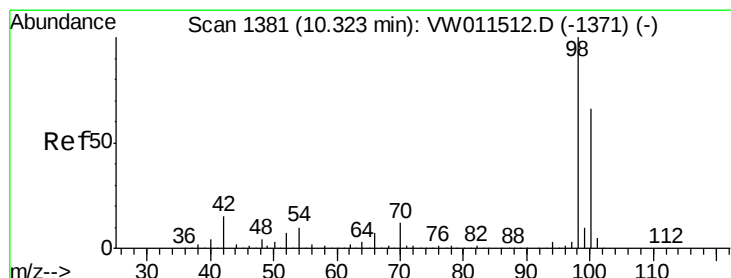
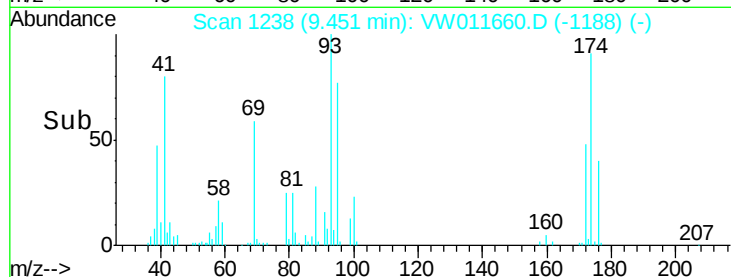
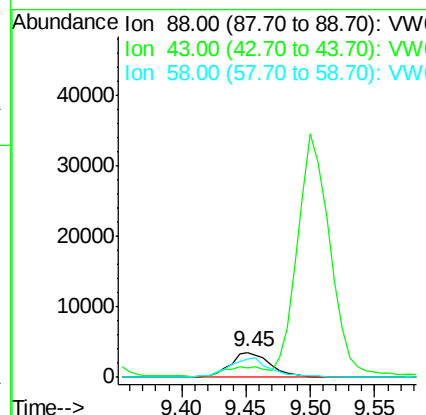
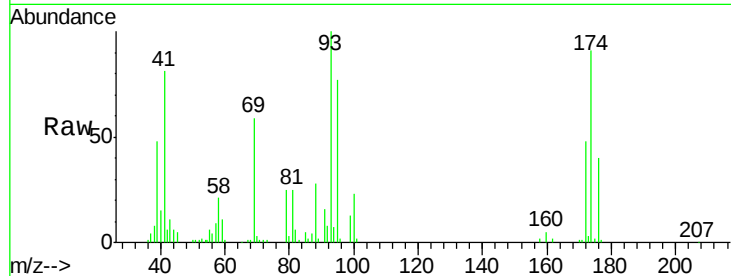
Tot Ion: 88 Resp: 7581

Ion Ratio Lower Upper

88 100

43 39.2 34.0 51.0

58 84.6 69.7 104.5



#50

Toluene-d8

Concen: 52.745 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011660.D

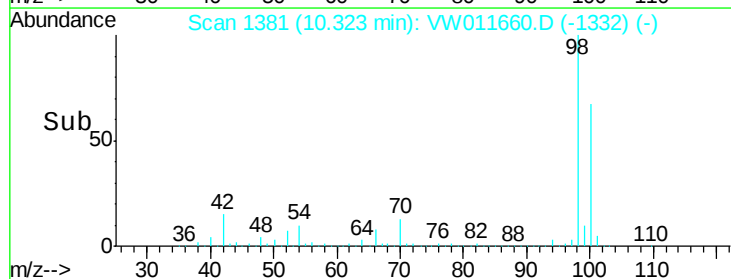
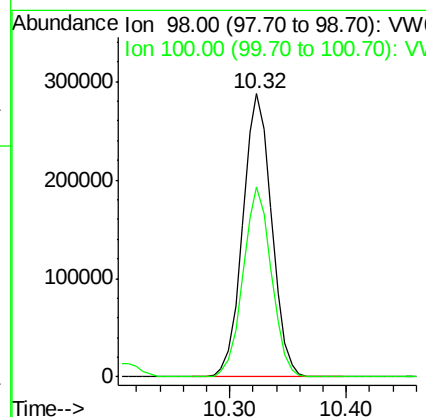
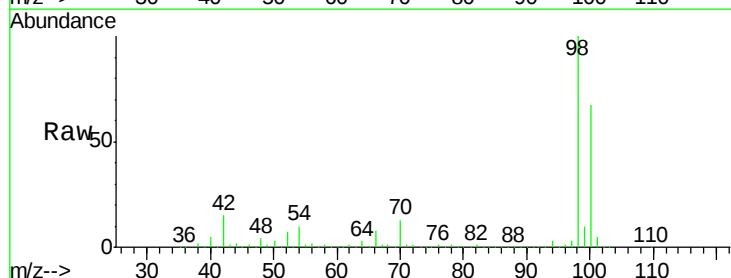
Acq: 03 Aug 2019 12:47

Tgt Ion: 98 Resp: 497243

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 89.471 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampled :

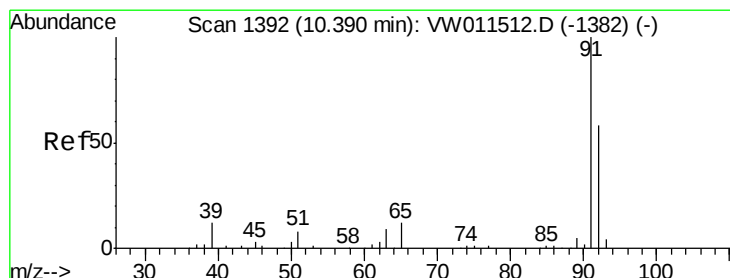
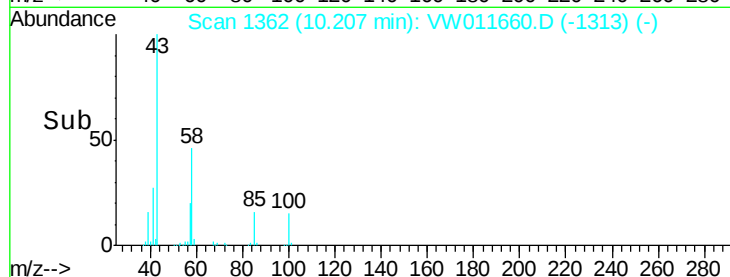
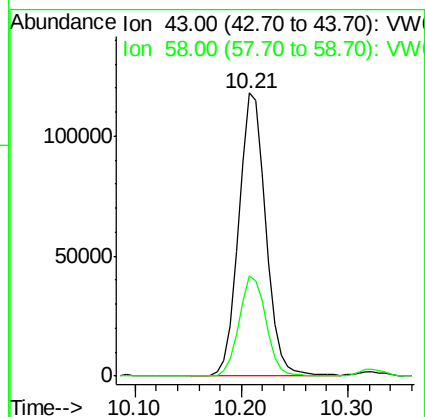
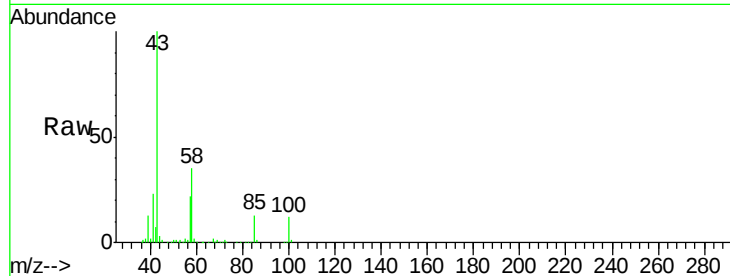
VW0804SBSD01

Tot Ion: 43 Resp: 210142

Ion Ratio Lower Upper

43 100

58 35.3 28.2 42.2



#52

Toluene

Concen: 19.714 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011660.D

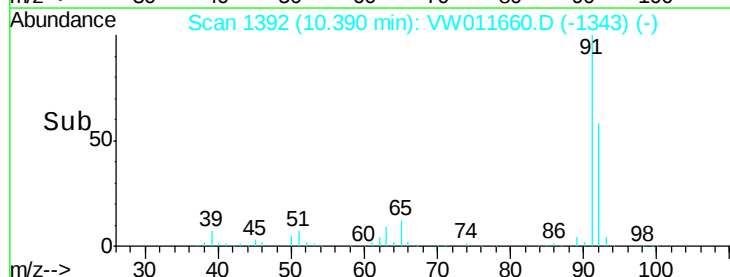
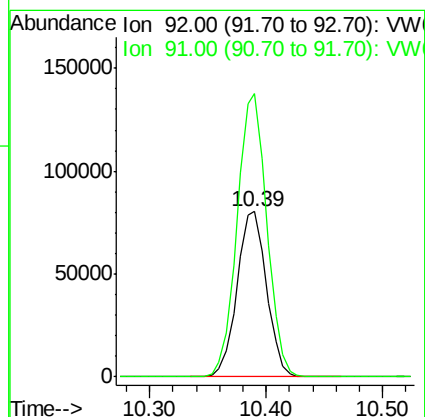
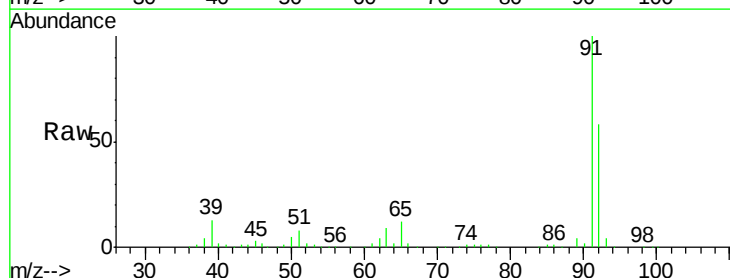
Acq: 03 Aug 2019 12:47

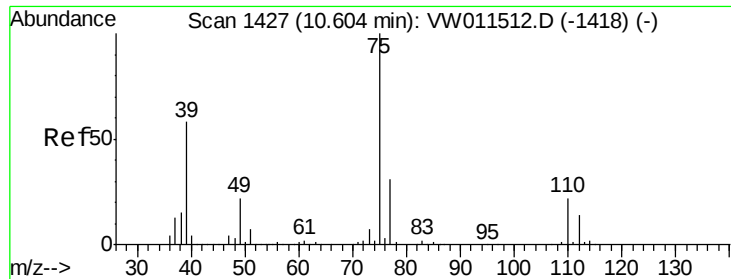
Tgt Ion: 92 Resp: 142317

Ion Ratio Lower Upper

92 100

91 172.1 136.7 205.1

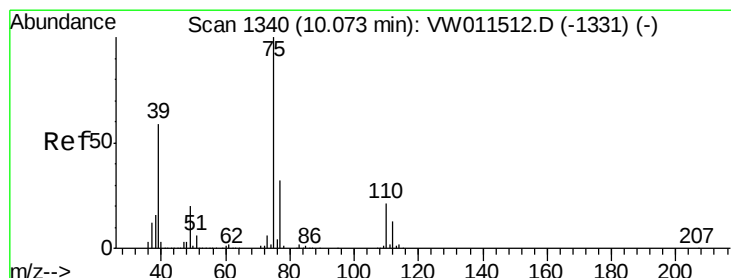
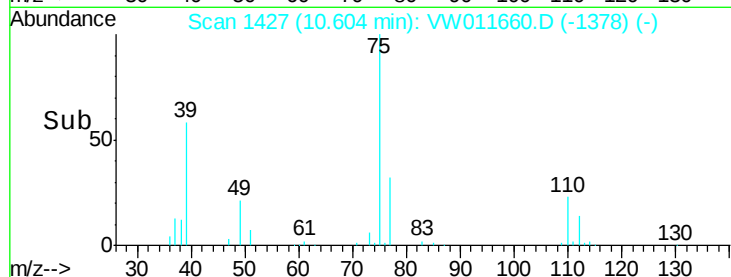
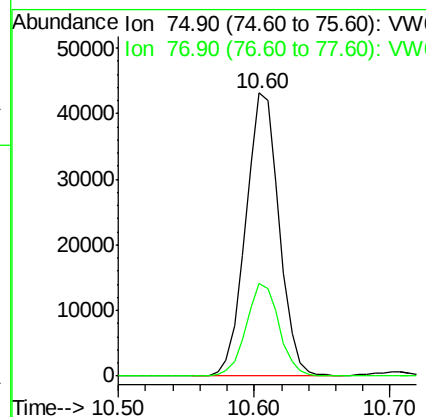
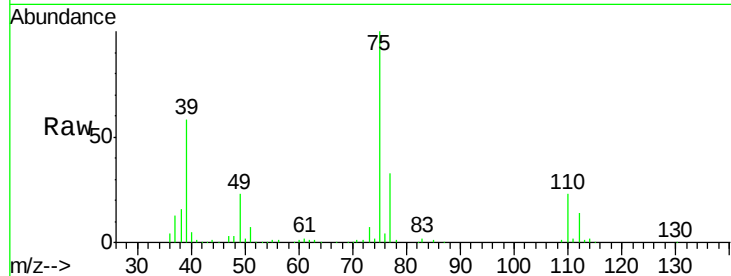




#53
 t-1,3-Dichloropropene
 Concen: 18.550 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

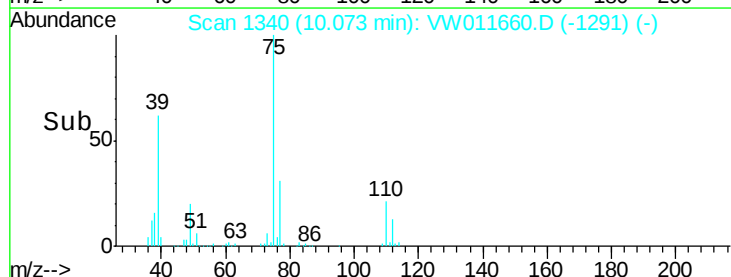
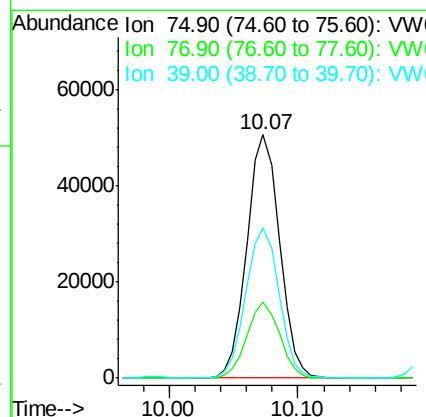
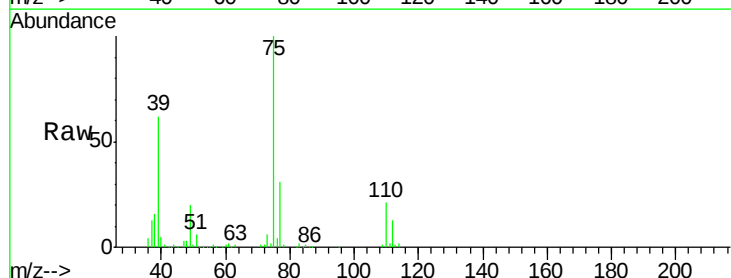
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

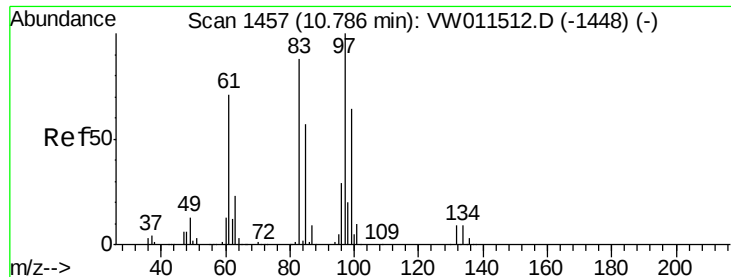
Tot Ion: 75 Resp: 74205
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.695 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion: 75 Resp: 88916
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4
 39 61.9 47.0 70.4

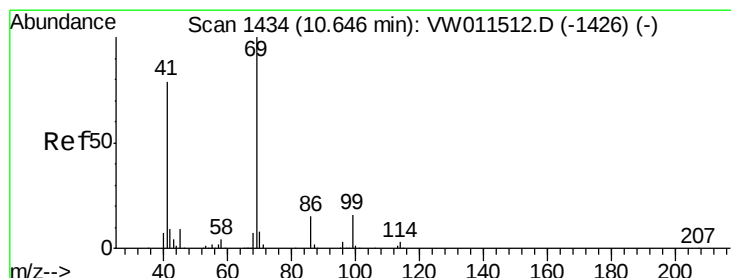
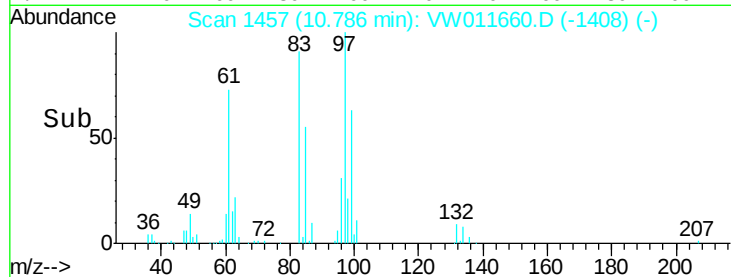
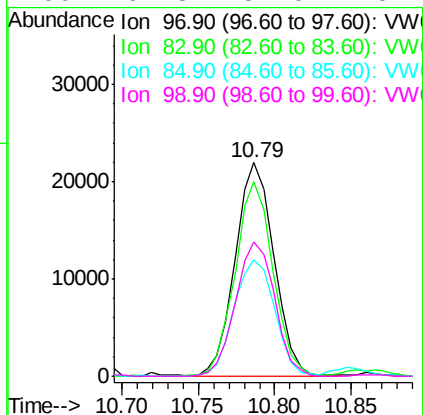
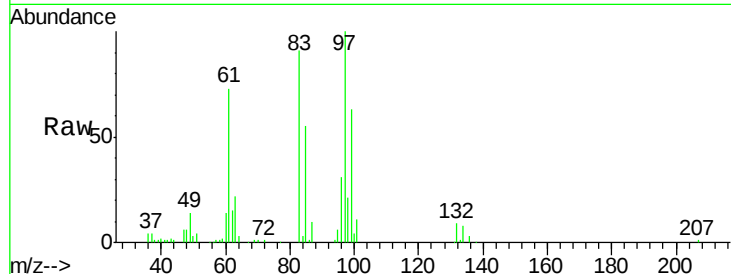




#55
 1,1,2-Trichloroethane
 Concen: 18.689 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

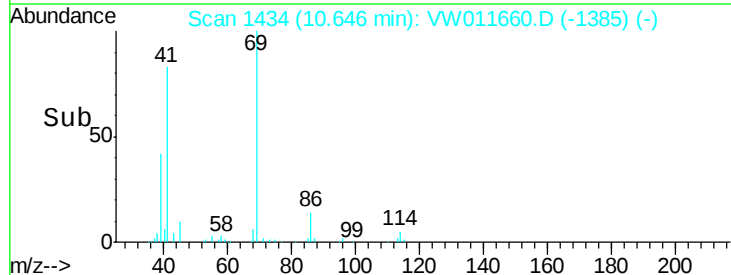
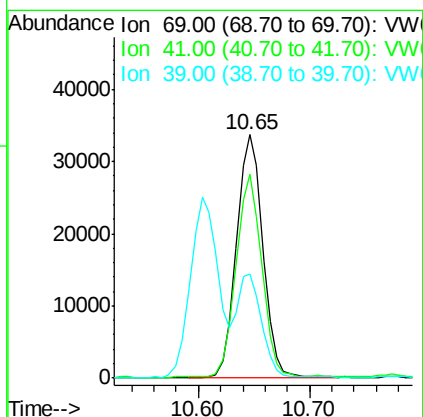
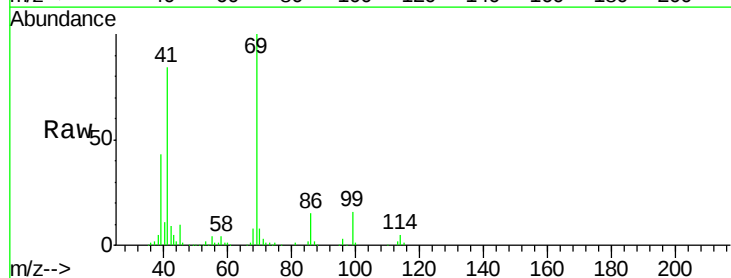
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

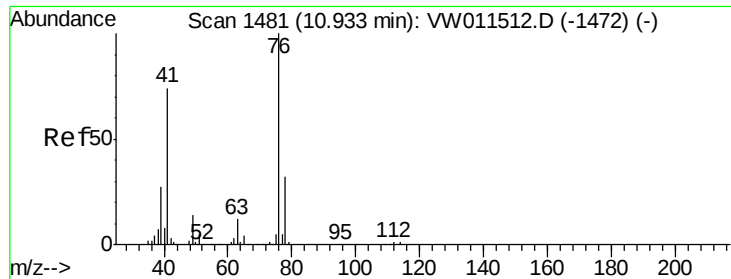
Tot Ion:	97	Resp:	38711
Ion	Ratio	Lower	Upper
97	100		
83	91.0	70.5	105.7
85	54.6	45.8	68.6
99	62.8	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 18.248 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion:	69	Resp:	55310
Ion	Ratio	Lower	Upper
69	100		
41	83.8	66.6	99.8
39	39.0	30.3	45.5

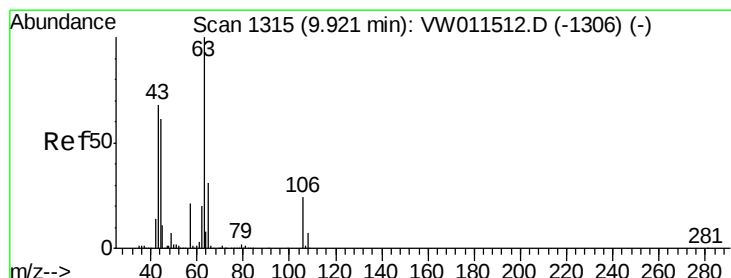
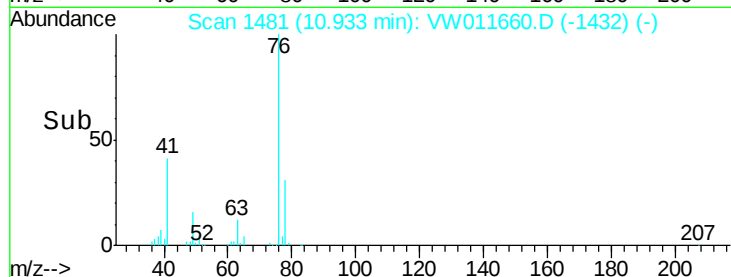
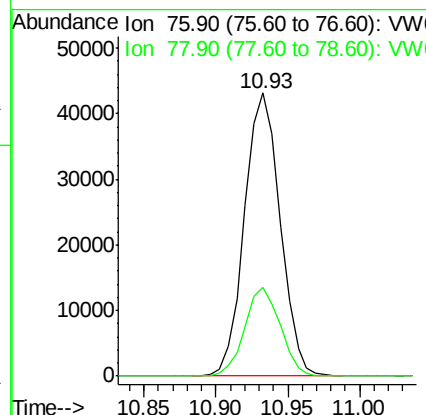
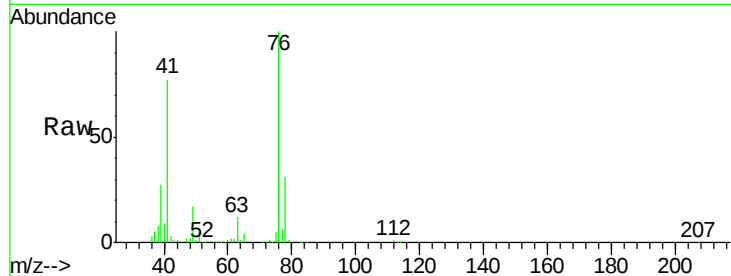




#57
 1,3-Dichloropropane
 Concen: 18.934 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

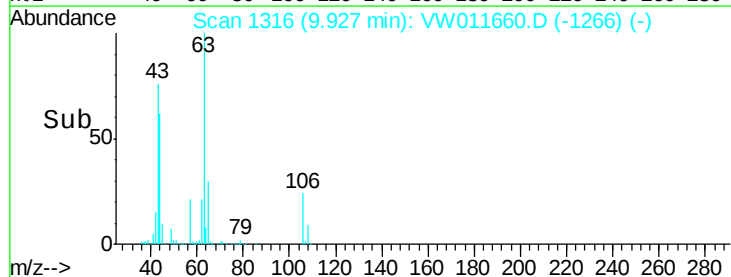
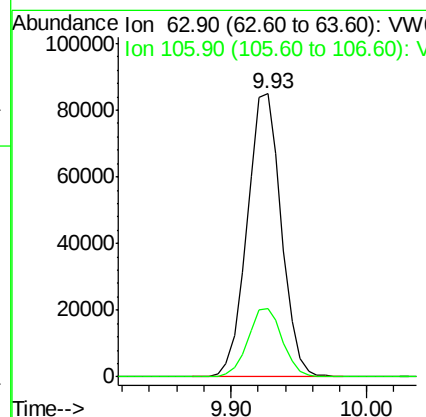
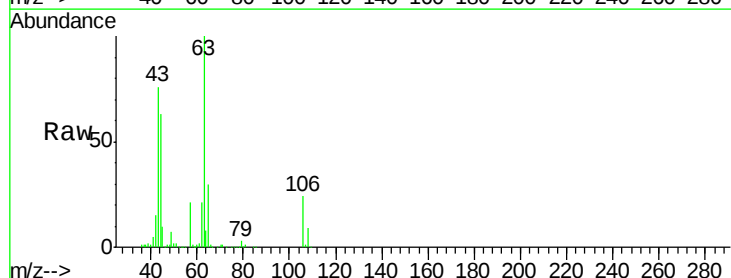
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

Tot Ion: 76 Resp: 74196
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.270 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion: 63 Resp: 148998
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.7 29.5





#59

2-Hexanone

Concen: 85.274 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

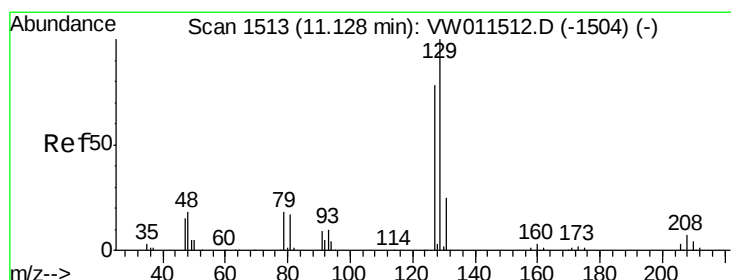
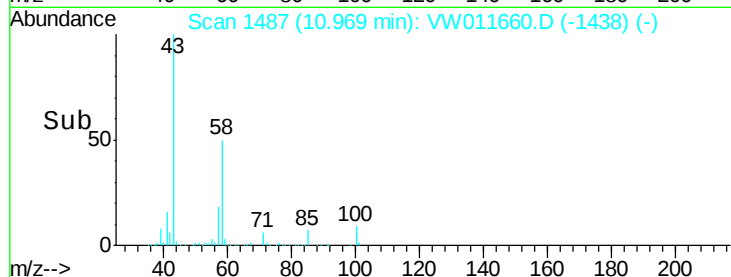
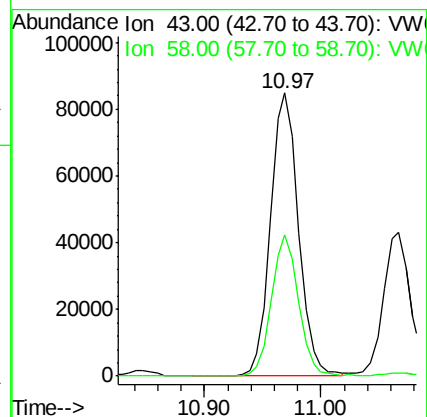
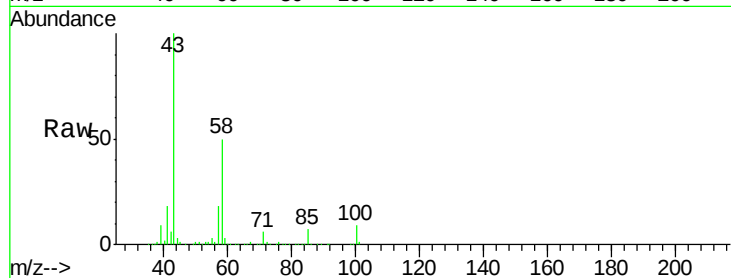
VW0804SBSD01

Tot Ion: 43 Resp: 141414

Ion Ratio Lower Upper

43 100

58 48.4 24.3 72.9



#60

Dibromochloromethane

Concen: 18.512 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW011660.D

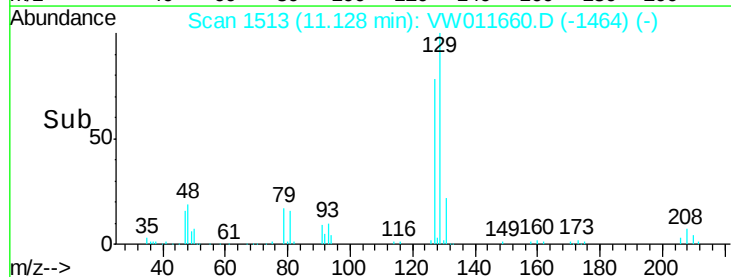
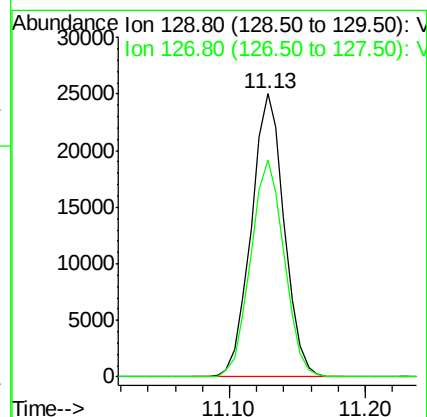
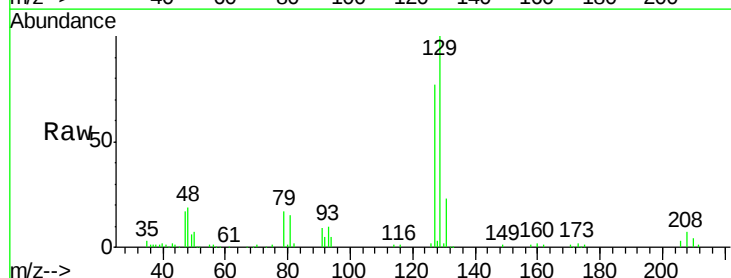
Acq: 03 Aug 2019 12:47

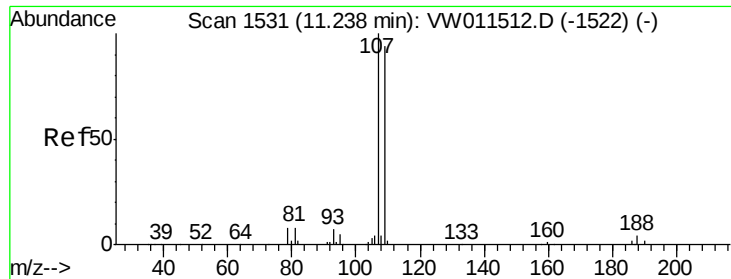
Tgt Ion: 129 Resp: 42563

Ion Ratio Lower Upper

129 100

127 77.6 38.9 116.7

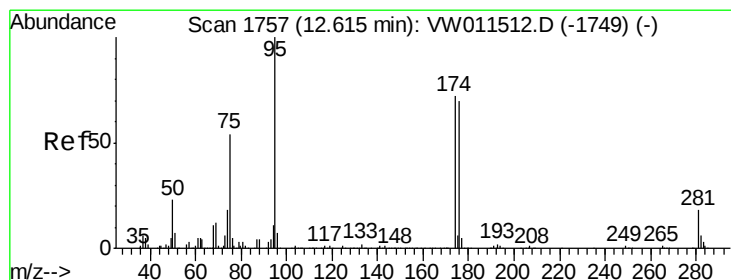
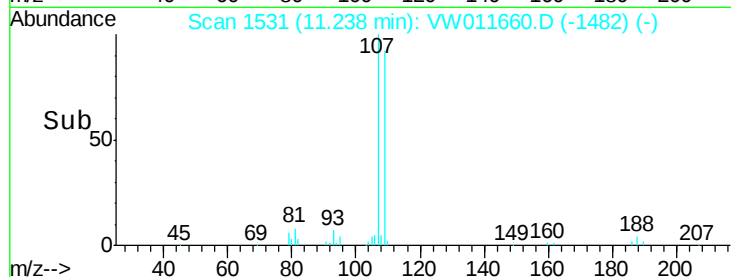
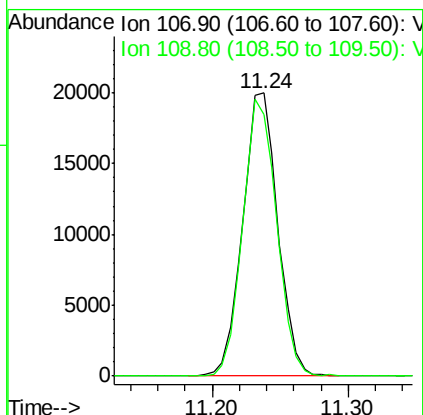
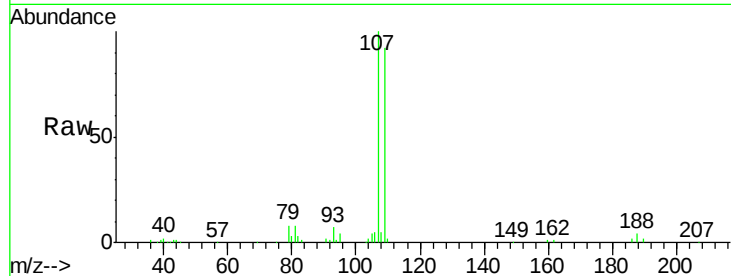




#61
 1,2-Dibromoethane
 Concen: 18.401 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

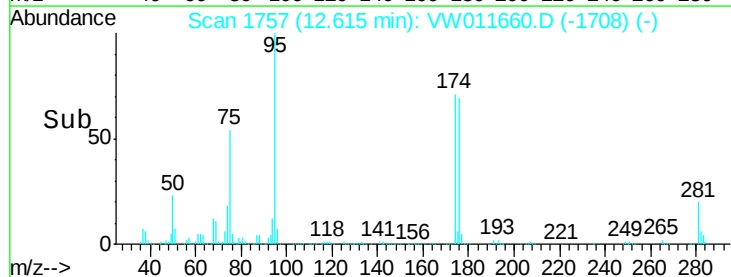
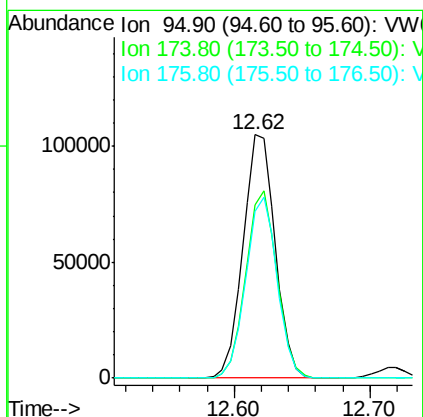
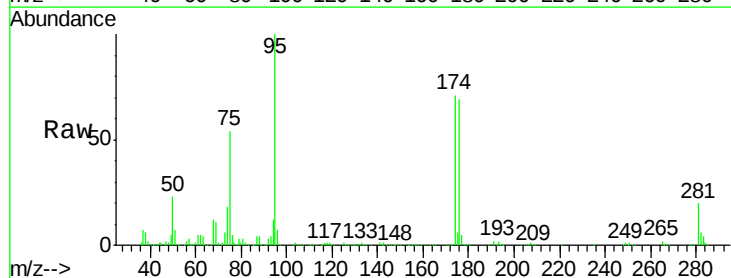
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

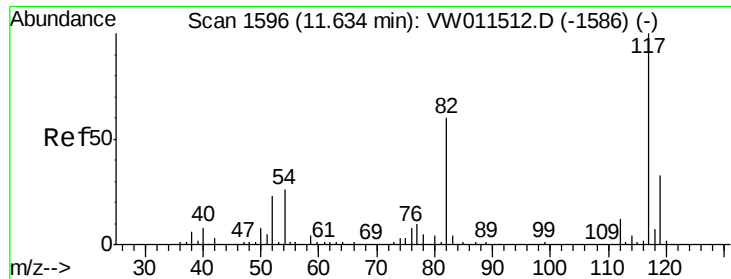
Tot Ion:107 Resp: 36069
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.567 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion: 95 Resp: 173318
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.2
 176 72.8 0.0 144.4

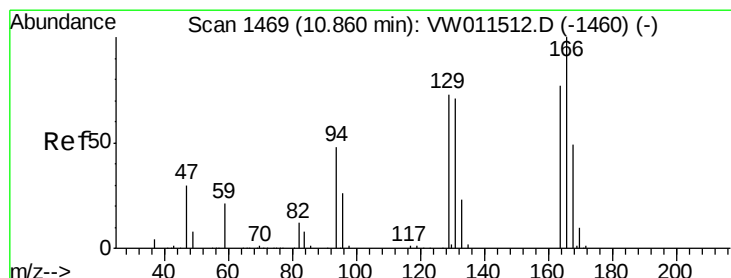
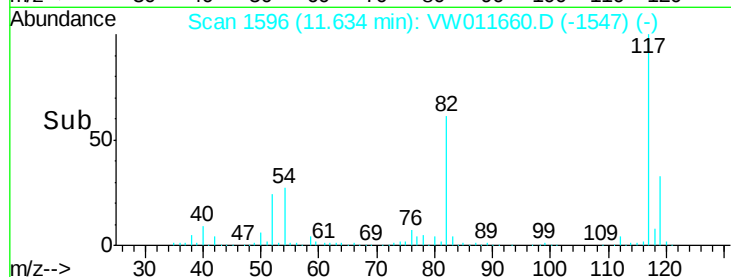
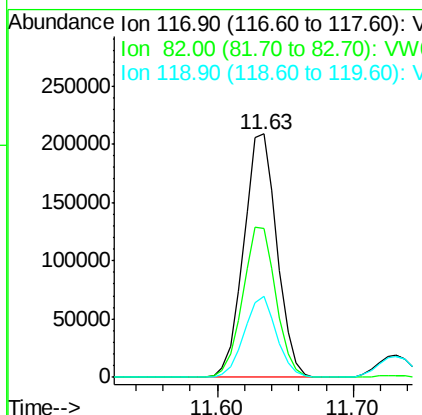
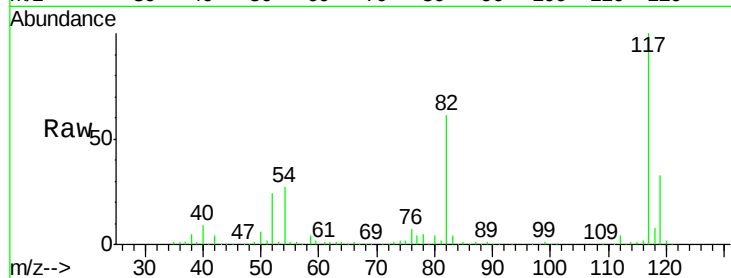




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

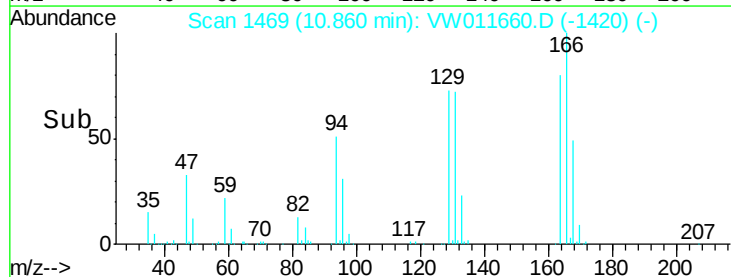
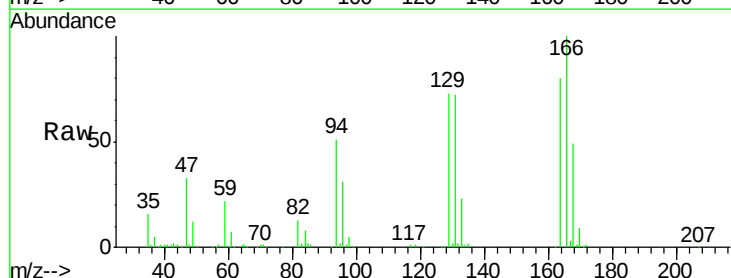
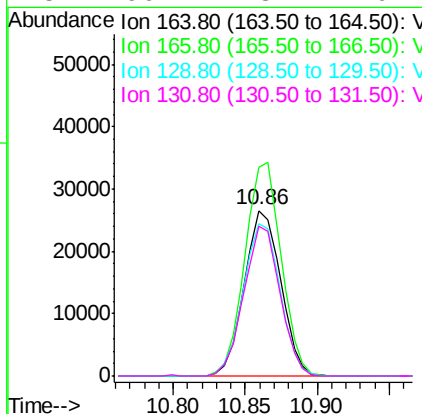
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

Tot Ion:117 Resp: 356633
Ion Ratio Lower Upper
117 100
82 61.2 47.9 71.9
119 33.1 26.2 39.2



#64
Tetrachloroethene
Concen: 20.037 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

Tgt Ion:164 Resp: 46527
Ion Ratio Lower Upper
164 100
166 125.7 103.5 155.3
129 91.8 75.2 112.8
131 90.1 73.4 110.2

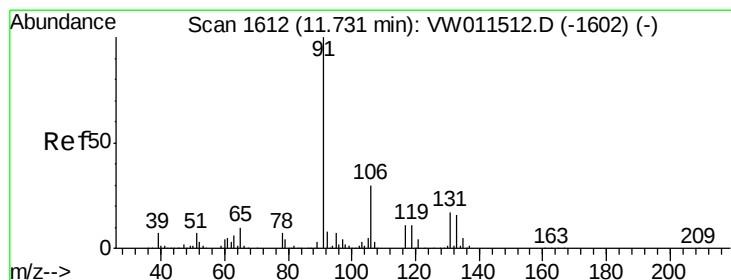
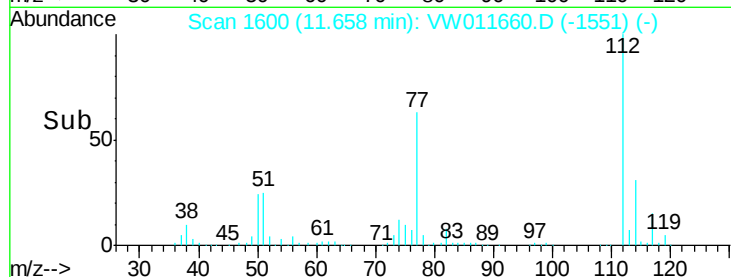
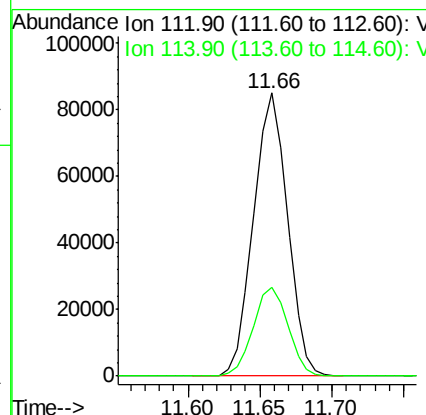
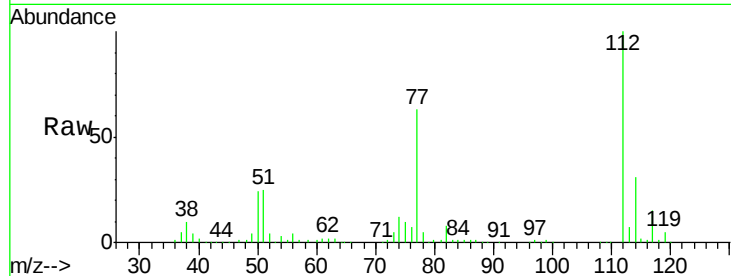




#65
Chlorobenzene
Concen: 19.399 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

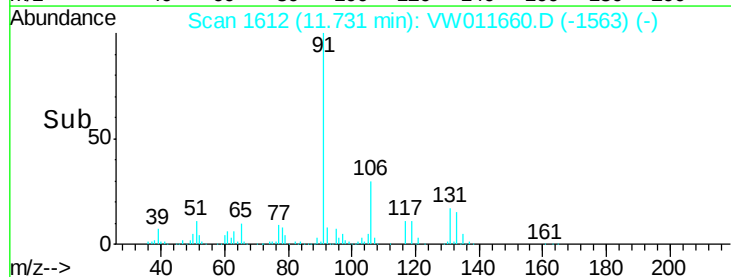
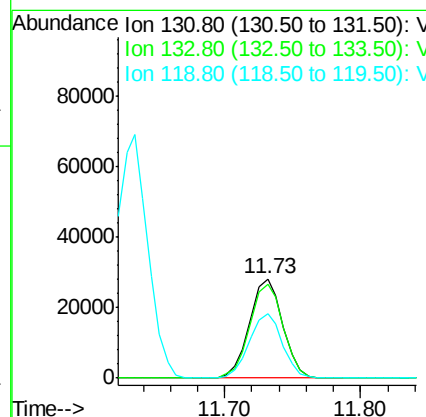
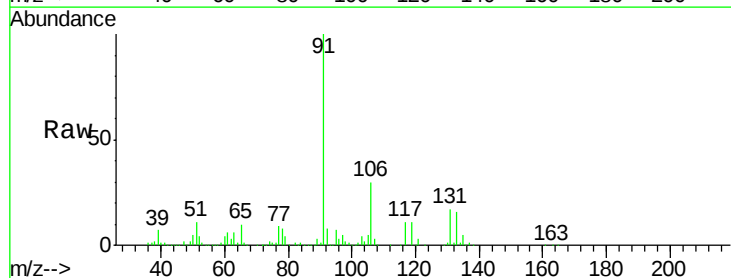
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

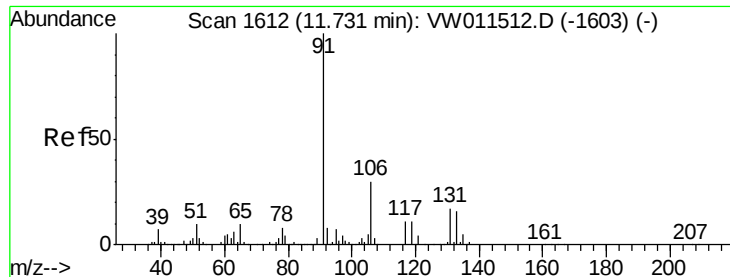
Tot Ion:112 Resp: 139089
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.314 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

Tgt Ion:131 Resp: 48237
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 65.0 32.3 96.9

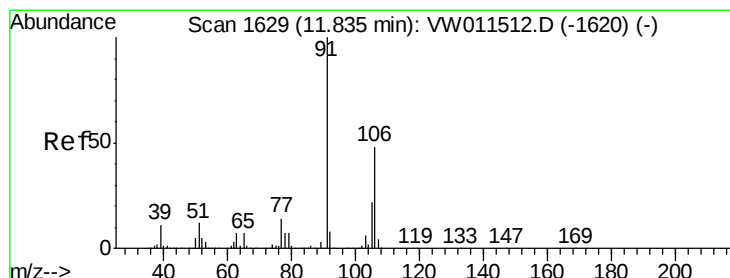
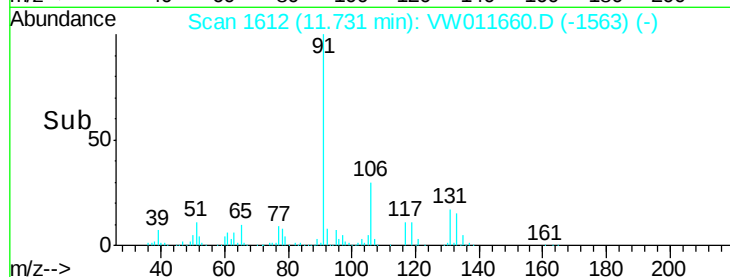
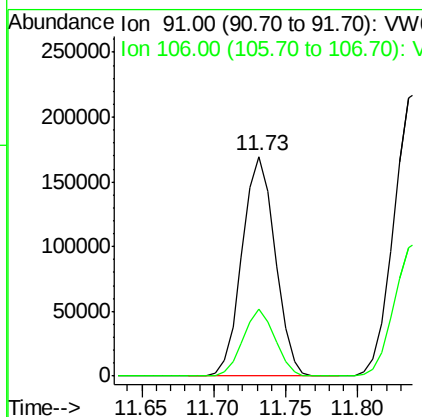
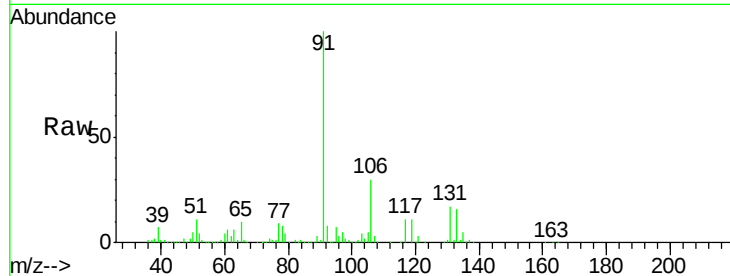




#67
Ethyl Benzene
Concen: 19.813 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

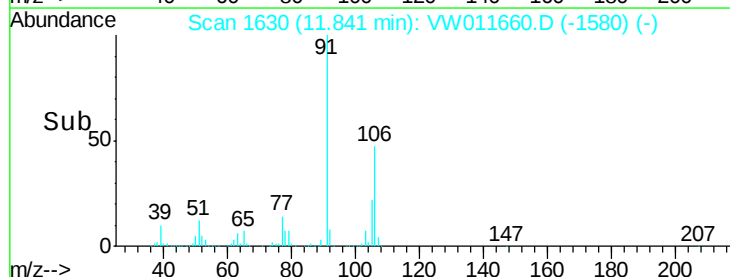
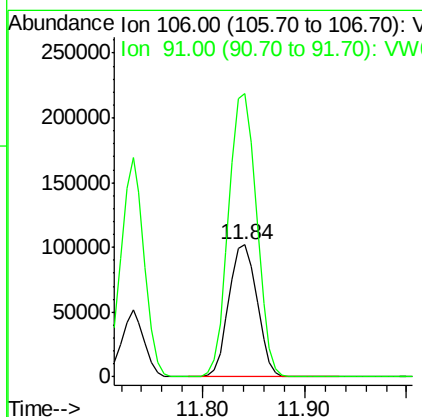
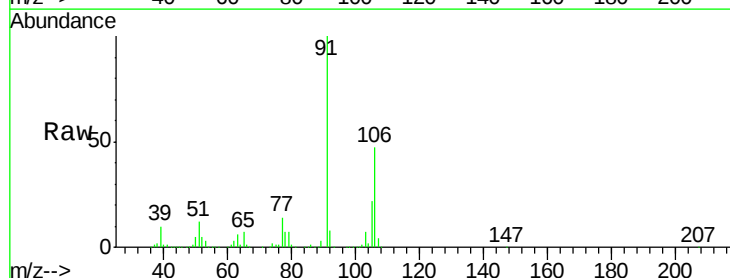
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

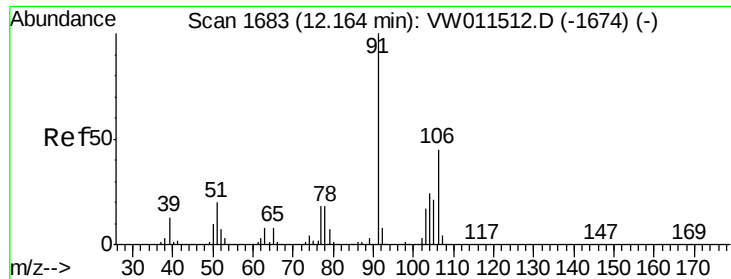
Tot Ion: 91 Resp: 270552
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 39.429 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

Tgt Ion: 106 Resp: 195810
Ion Ratio Lower Upper
106 100
91 212.4 168.2 252.2

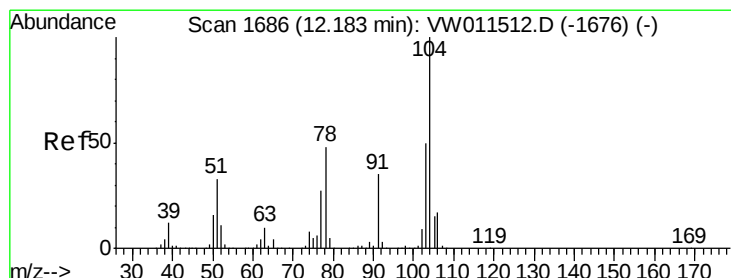
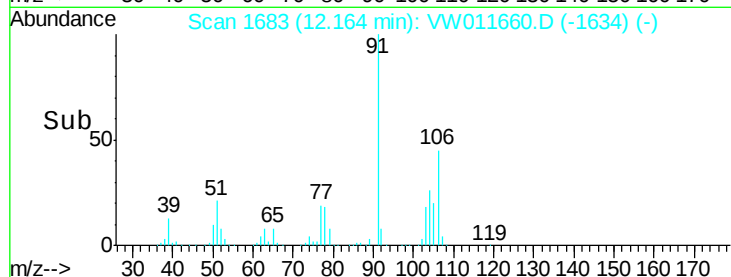
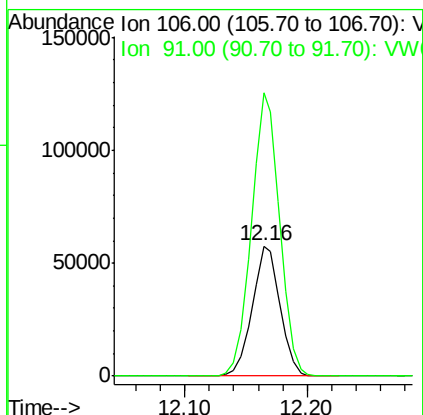
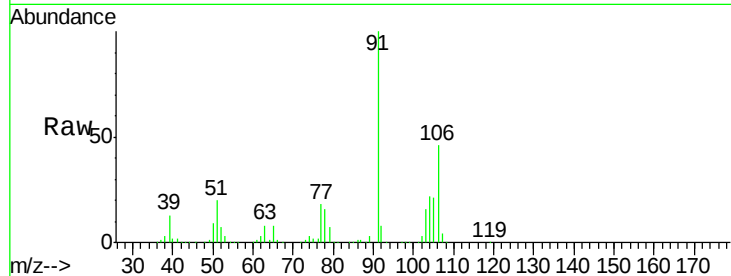




#69
o-Xylene
Concen: 19.718 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

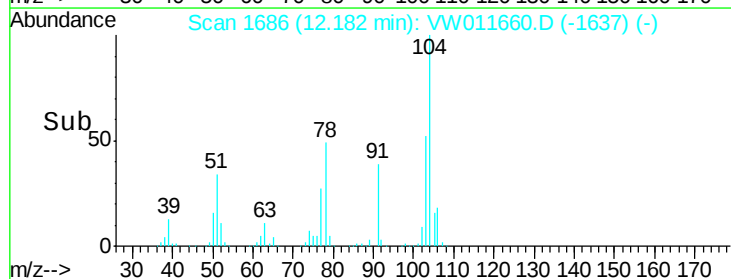
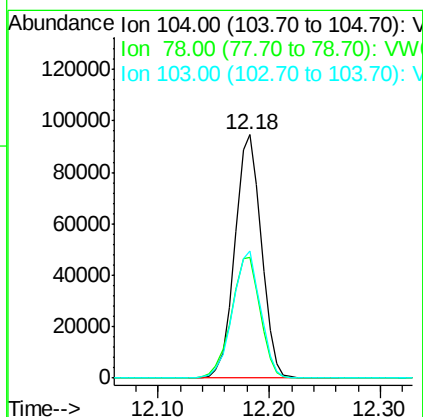
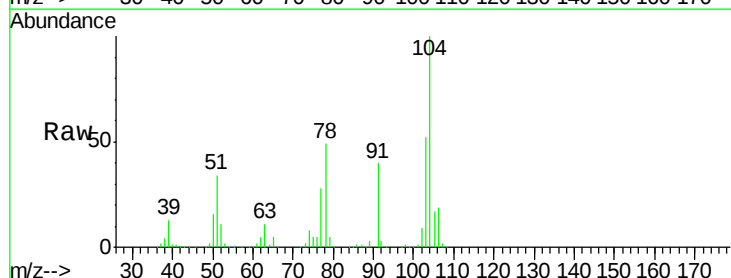
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

Tot Ion:106 Resp: 90996
Ion Ratio Lower Upper
106 100
91 220.5 110.5 331.5



#70
Styrene
Concen: 19.507 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

Tgt Ion:104 Resp: 155650
Ion Ratio Lower Upper
104 100
78 54.2 43.4 65.0
103 54.9 43.9 65.9





#71

Bromoform

Concen: 17.923 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

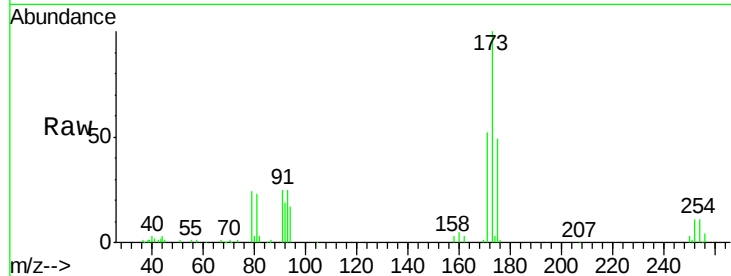
Tot Ion:173 Resp: 22823

Ion Ratio Lower Upper

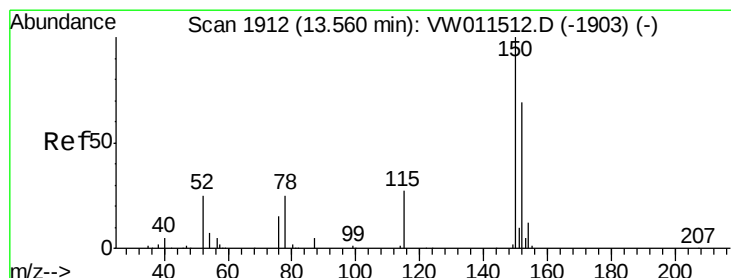
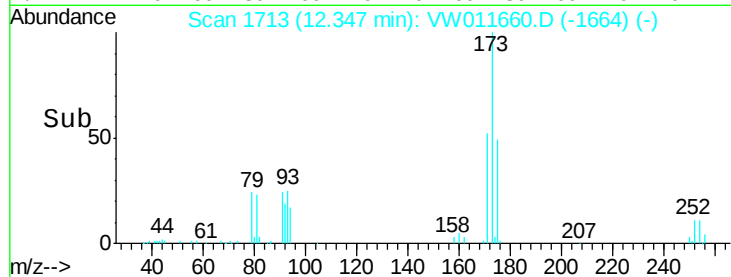
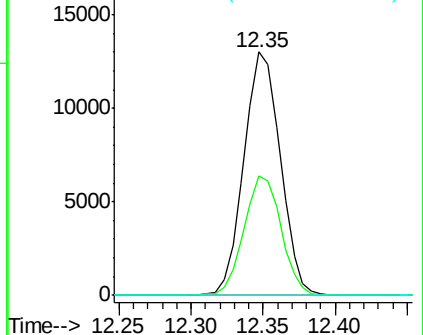
173 100

175 49.8 23.6 71.0

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

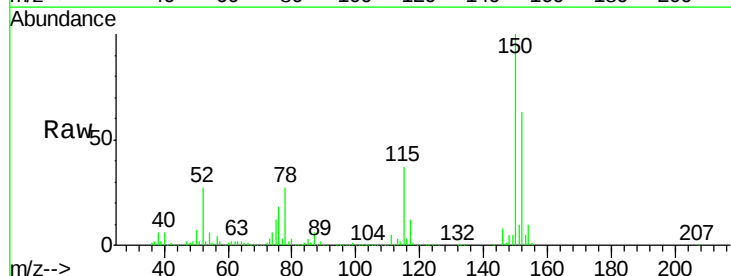
Tgt Ion:152 Resp: 170936

Ion Ratio Lower Upper

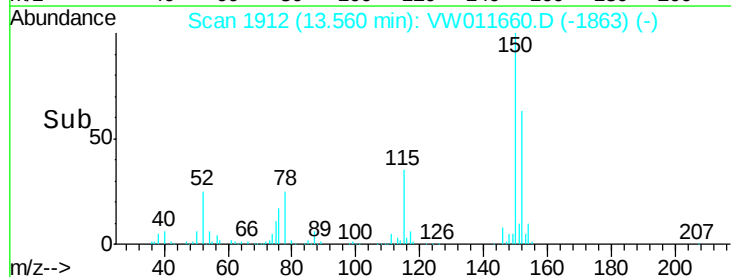
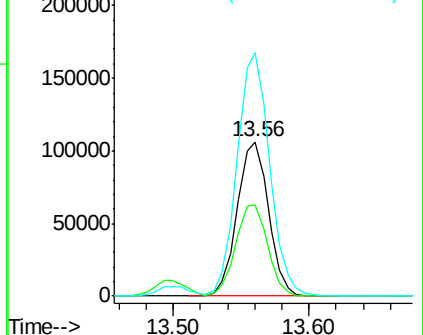
152 100

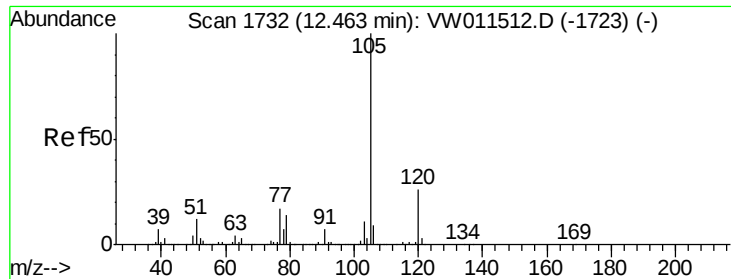
115 60.4 30.5 91.5

150 163.9 0.0 352.6



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





#73

Isopropylbenzene

Concen: 19.794 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

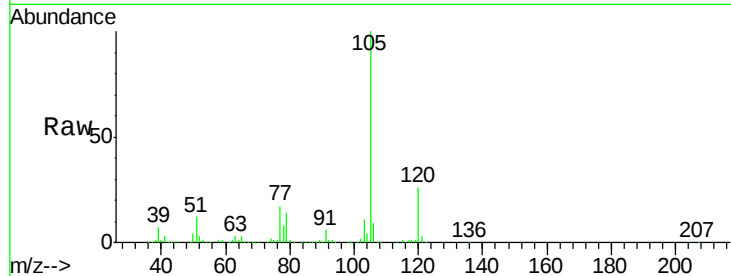
VW0804SBSD01

Tot Ion:105 Resp: 252412

Ion Ratio Lower Upper

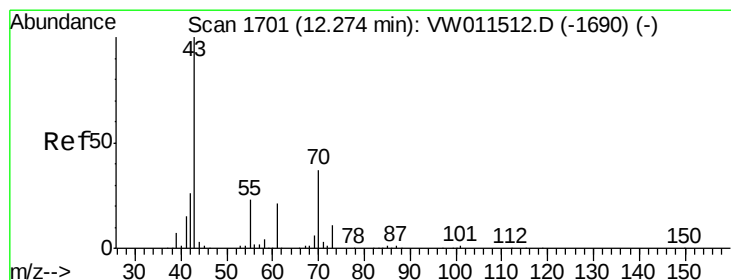
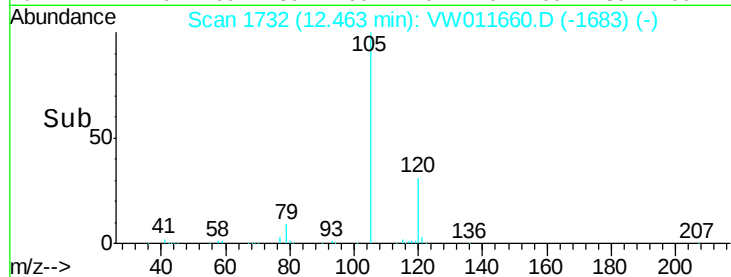
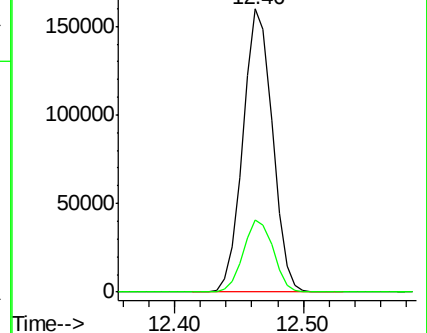
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.025 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Tgt Ion: 43 Resp: 71962

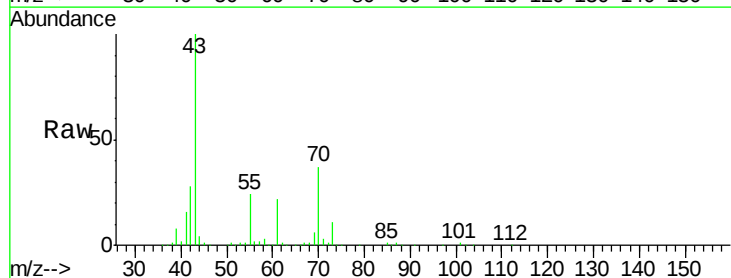
Ion Ratio Lower Upper

43 100

70 36.1 28.6 43.0

55 24.2 17.8 26.8

61 21.3 17.0 25.6

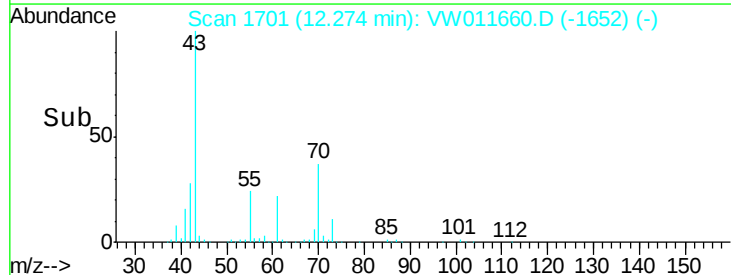
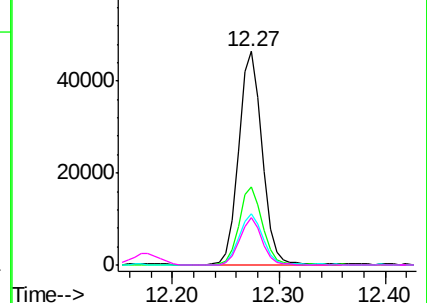


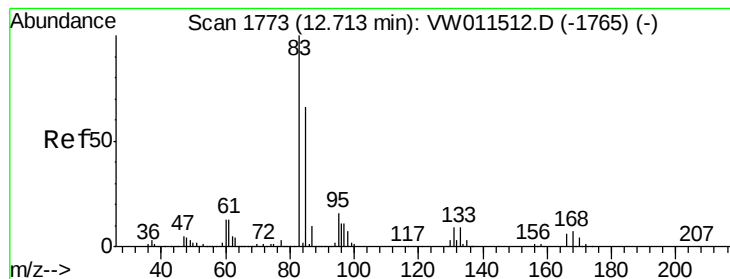
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.868 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

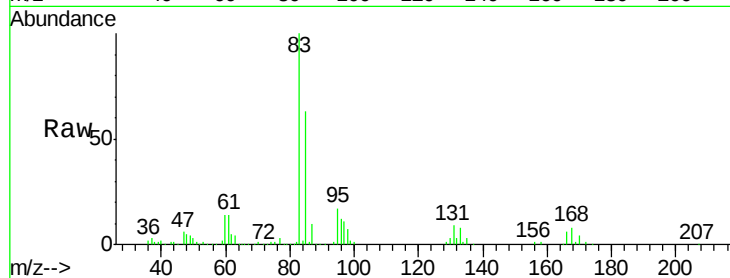
Tot Ion: 83 Resp: 45258

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

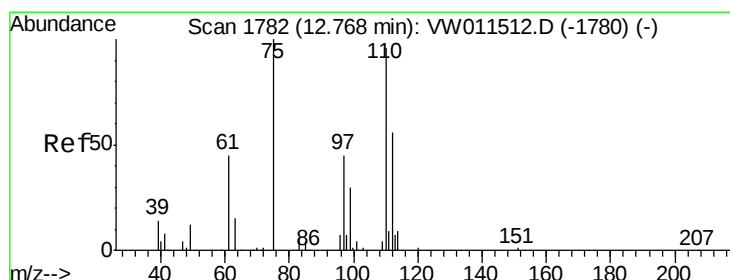
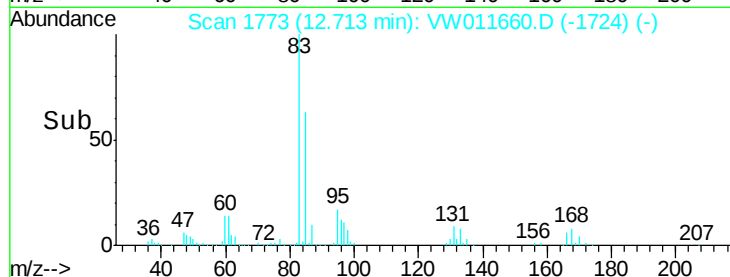
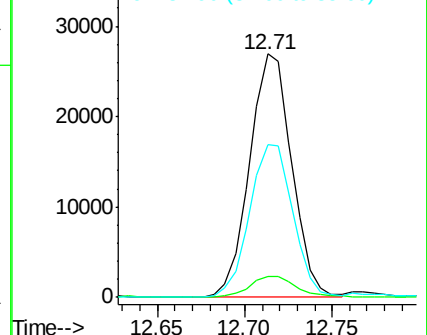
85 64.5 31.8 95.4



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: 17.994 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011660.D

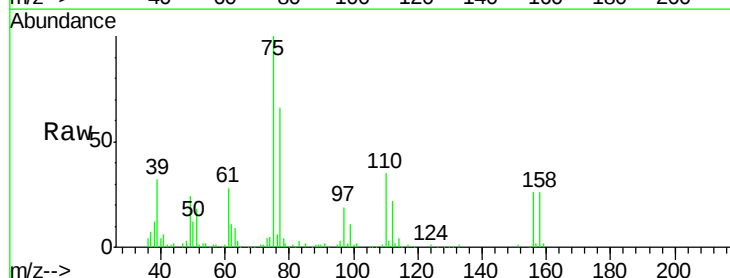
Acq: 03 Aug 2019 12:47

Tgt Ion: 75 Resp: 32546

Ion Ratio Lower Upper

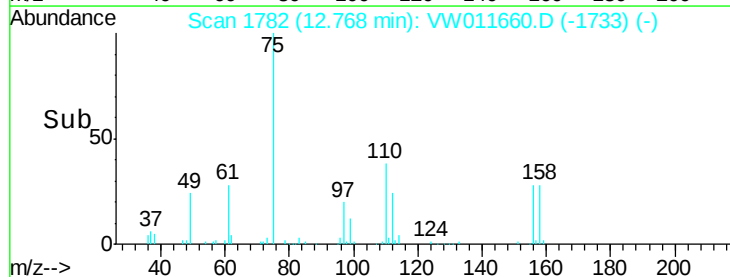
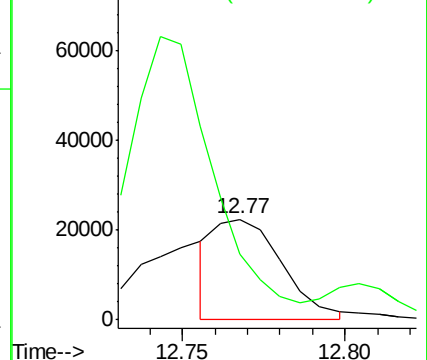
75 100

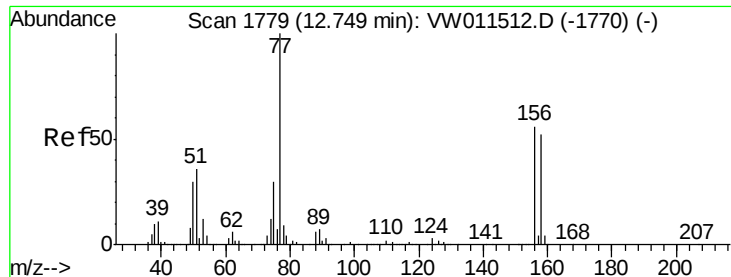
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

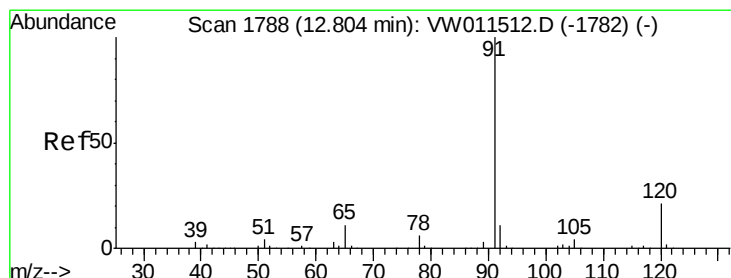
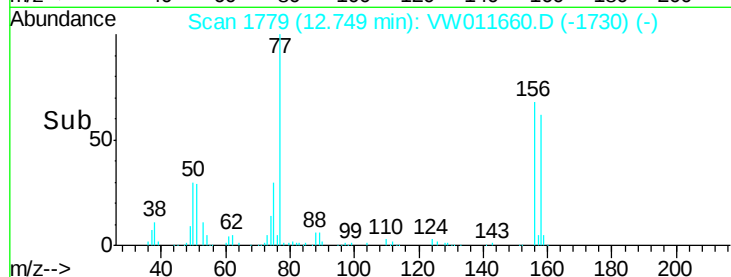
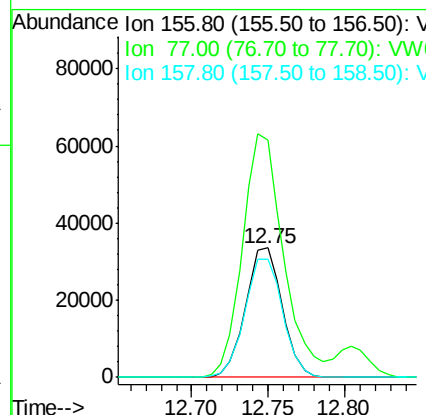
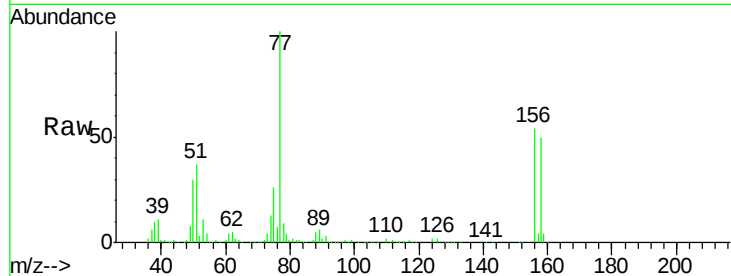




#77
Bromobenzene
Concen: 19.818 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

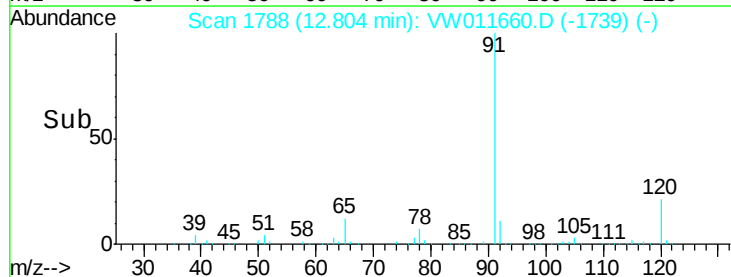
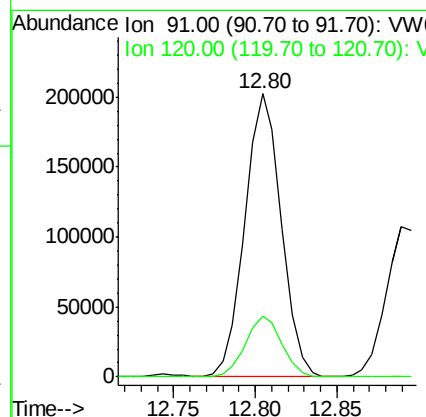
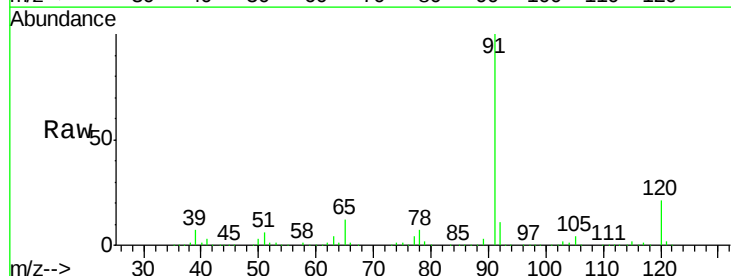
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

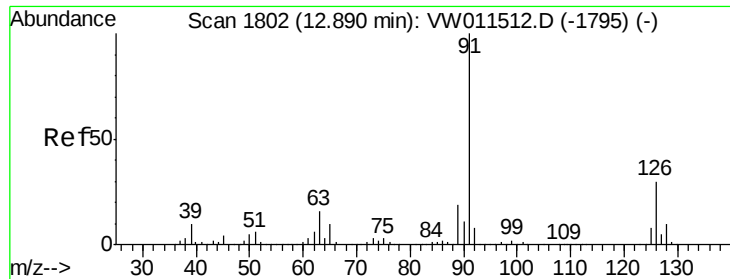
Tot Ion:156 Resp: 55861
Ion Ratio Lower Upper
156 100
77 210.3 106.5 319.4
158 95.0 48.0 144.2



#78
n-propylbenzene
Concen: 20.167 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011660.D
Acq: 03 Aug 2019 12:47

Tgt Ion: 91 Resp: 312980
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7





#79

2-Chlorotoluene

Concen: 20.026 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

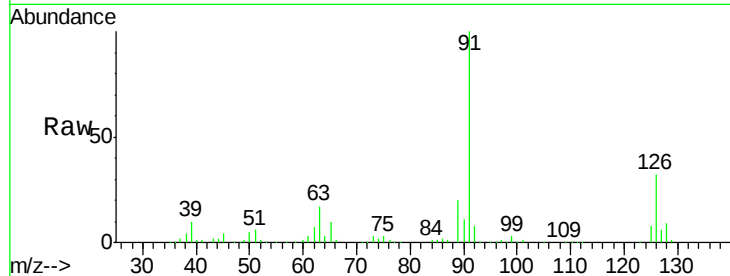
VW0804SBSD01

Tot Ion: 91 Resp: 179048

Ion Ratio Lower Upper

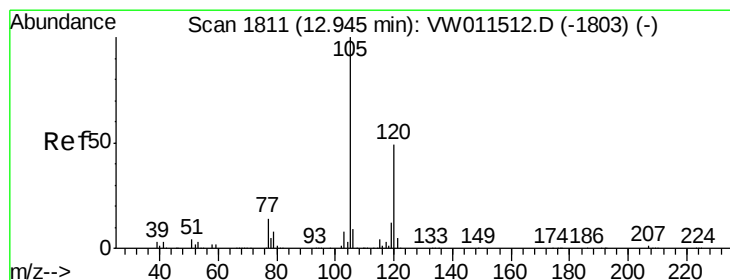
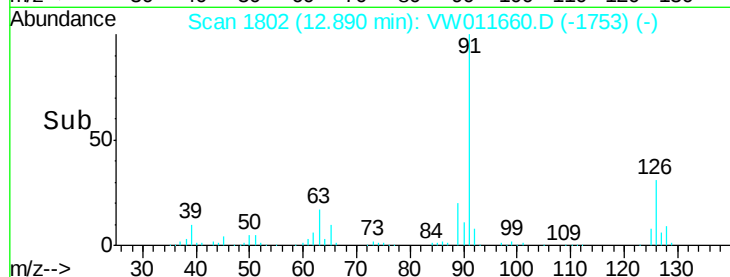
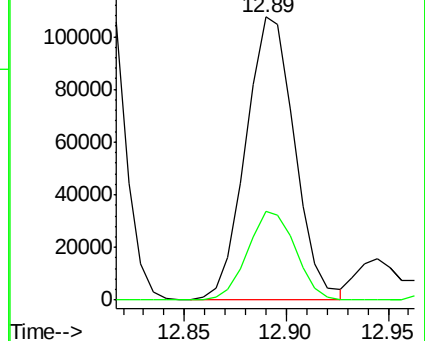
91 100

126 30.8 15.7 47.1



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: 20.308 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011660.D

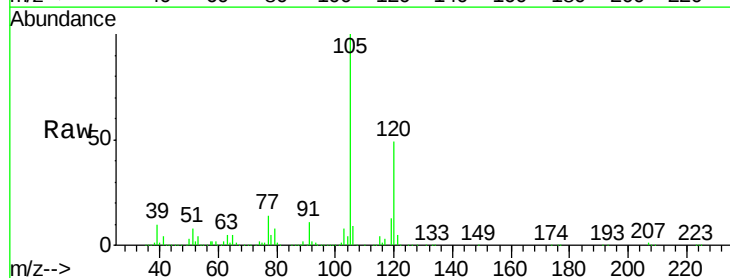
Acq: 03 Aug 2019 12:47

Tgt Ion:105 Resp: 217086

Ion Ratio Lower Upper

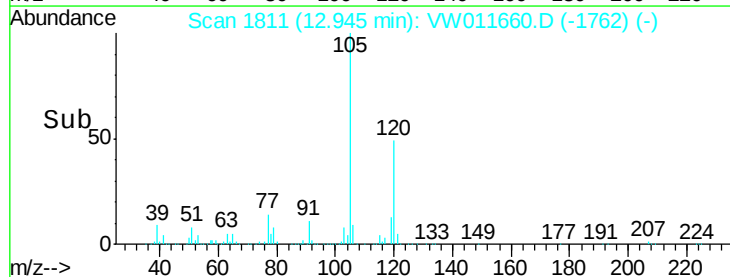
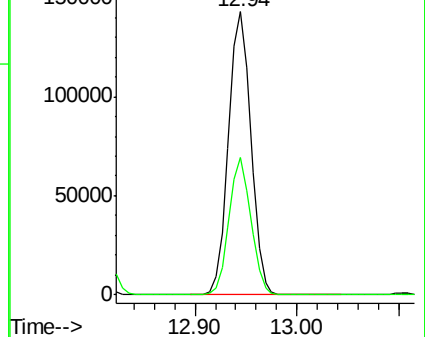
105 100

120 47.2 24.1 72.3



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: 17.889 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

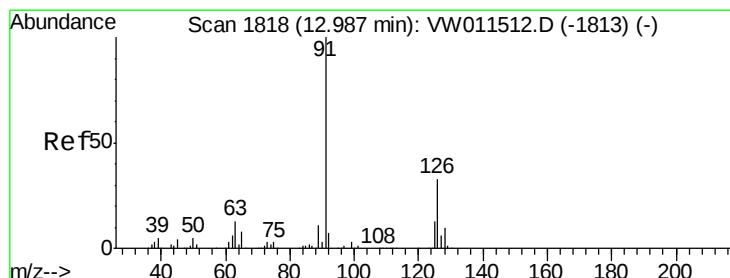
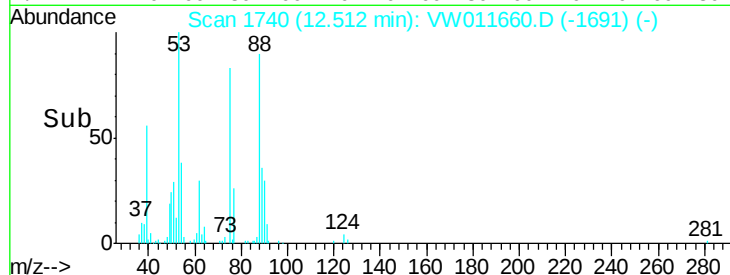
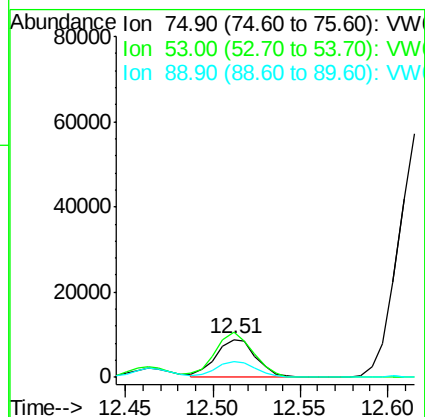
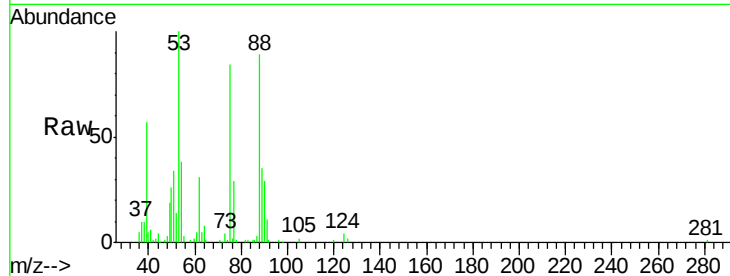
Tot Ion: 75 Resp: 14039

Ion Ratio Lower Upper

75 100

53 118.0 88.0 132.0

89 43.2 35.3 52.9



#82

4-Chlorotoluene

Concen: 20.004 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011660.D

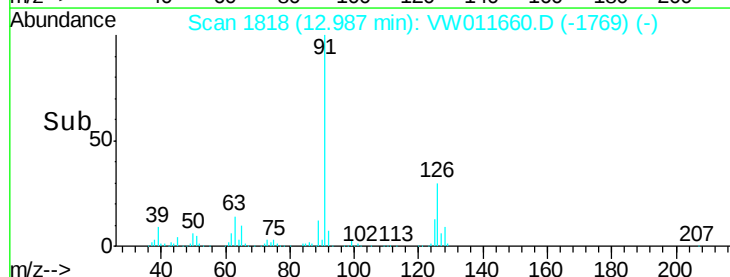
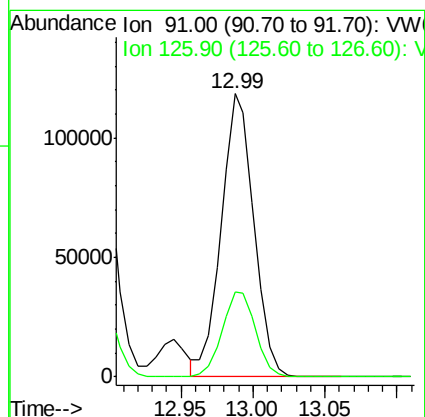
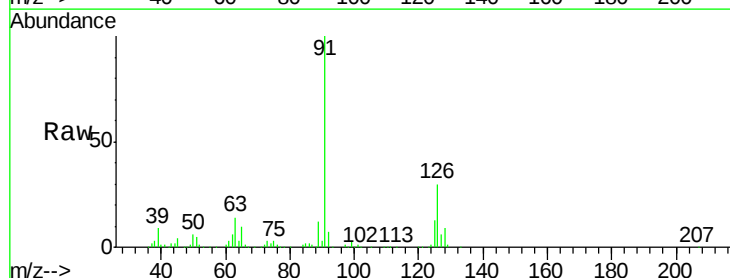
Acq: 03 Aug 2019 12:47

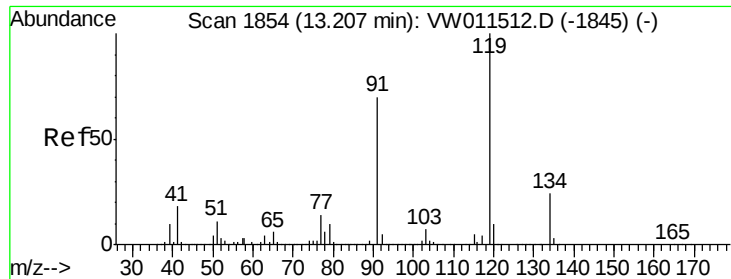
Tgt Ion: 91 Resp: 187656

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

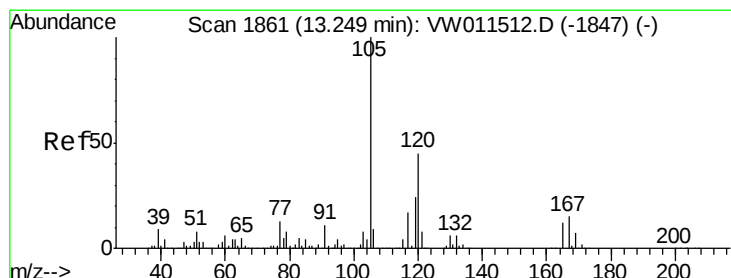
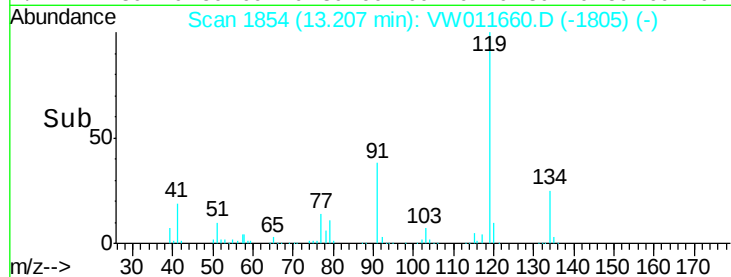
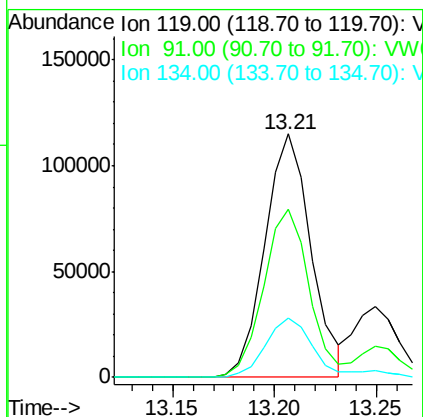
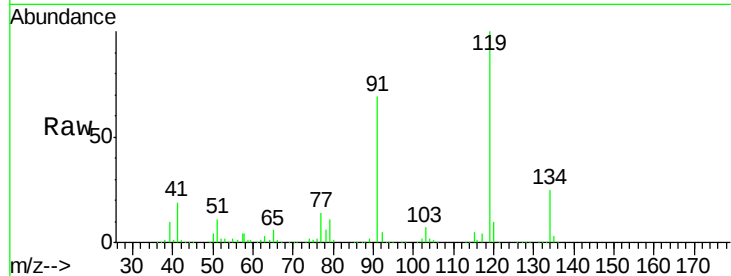




#83
 tert-Butylbenzene
 Concen: 20.224 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

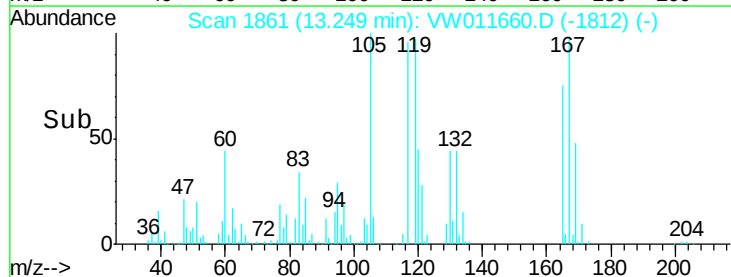
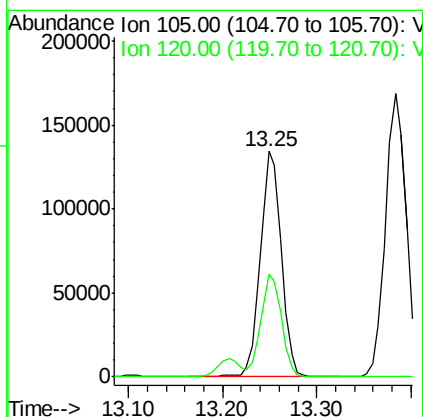
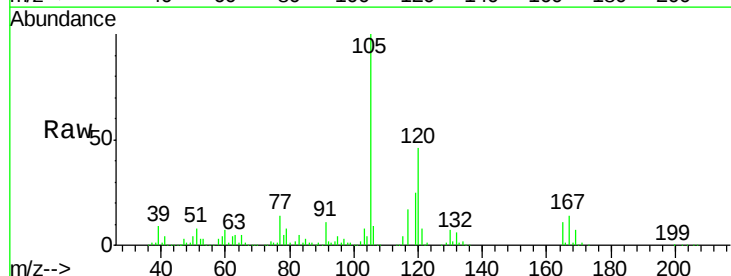
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

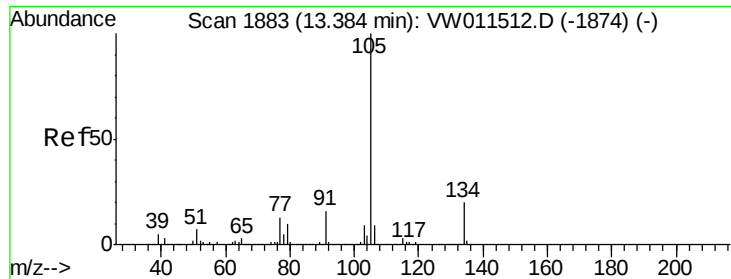
Tot Ion:119 Resp: 180781
 Ion Ratio Lower Upper
 119 100
 91 67.8 34.5 103.6
 134 25.3 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.729 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion:105 Resp: 212446
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 20.190 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

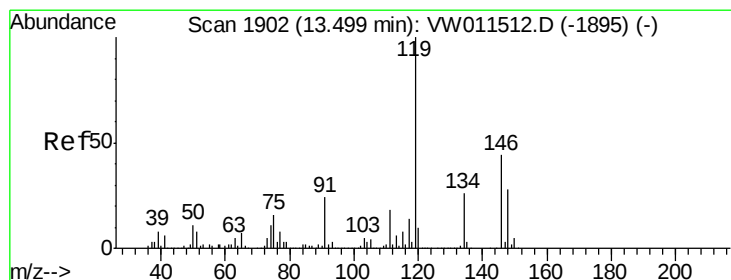
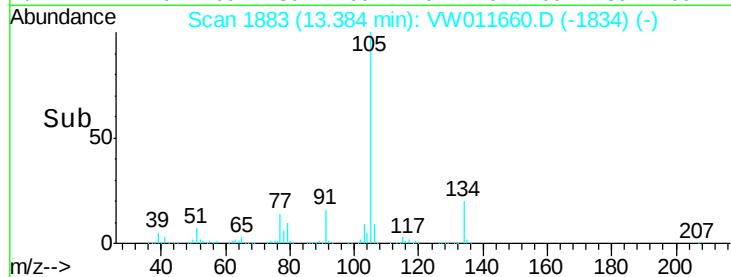
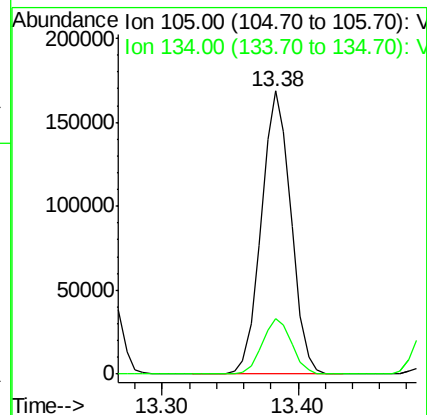
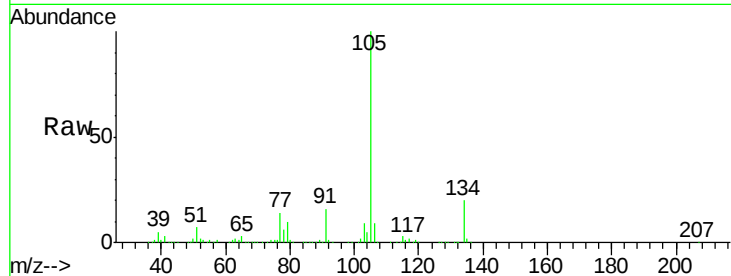
VW0804SBSD01

Tot Ion:105 Resp: 257522

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.663 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

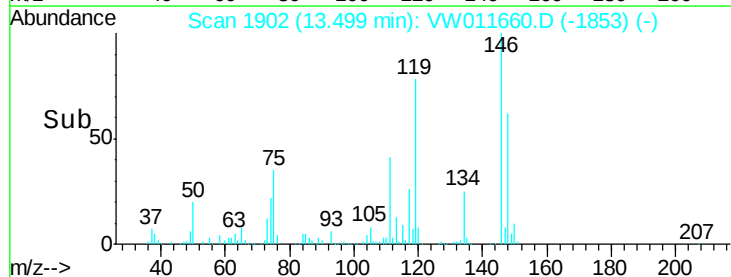
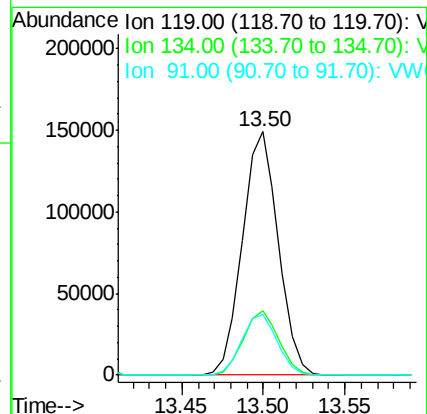
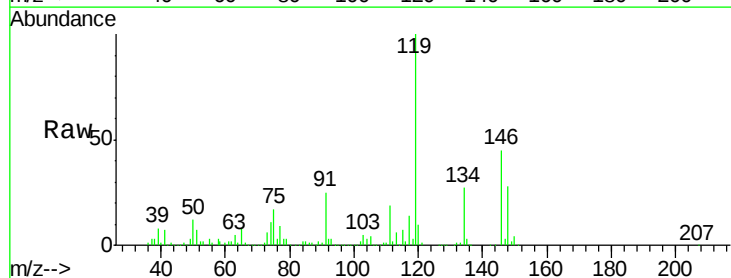
Tgt Ion:119 Resp: 227559

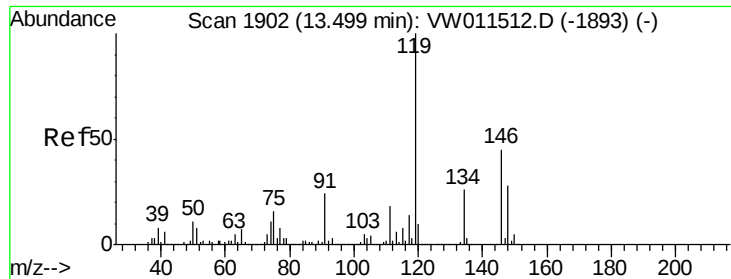
Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.4

91 24.9 12.1 36.3

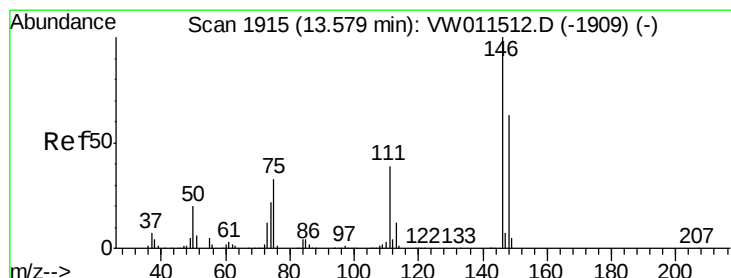
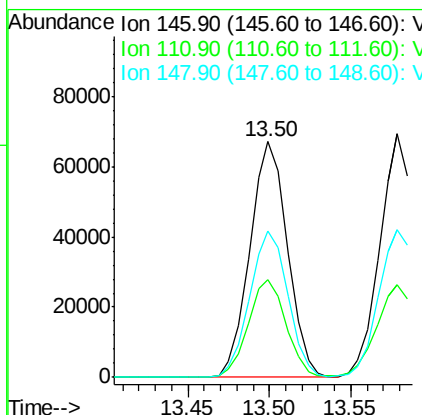
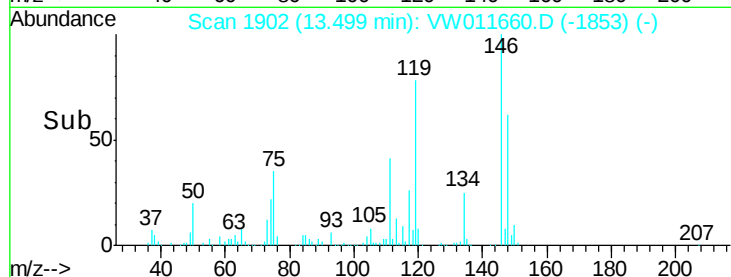
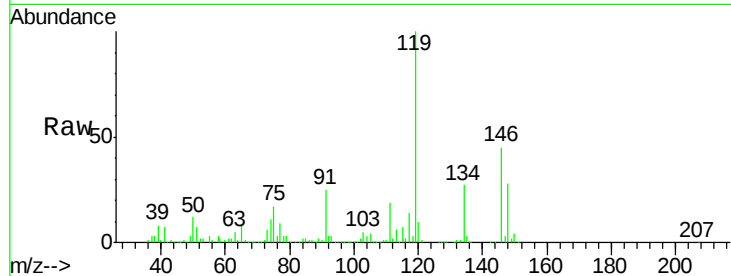




#87
 1,3-Dichlorobenzene
 Concen: 19.464 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

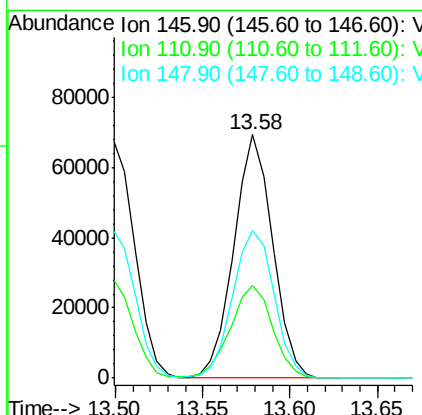
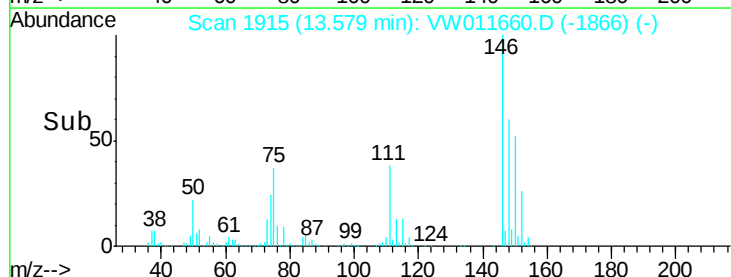
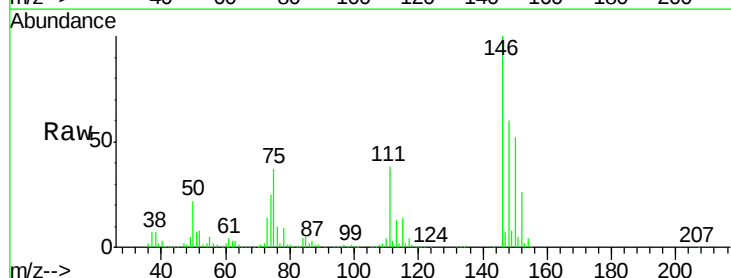
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

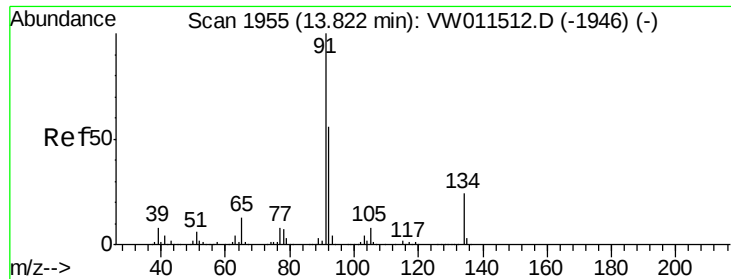
Tot Ion:146 Resp: 107572
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.5 61.6
 148 63.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.508 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion:146 Resp: 107249
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.1 60.2
 148 64.8 31.9 95.9





#89

n-Butylbenzene

Concen: 19.922 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

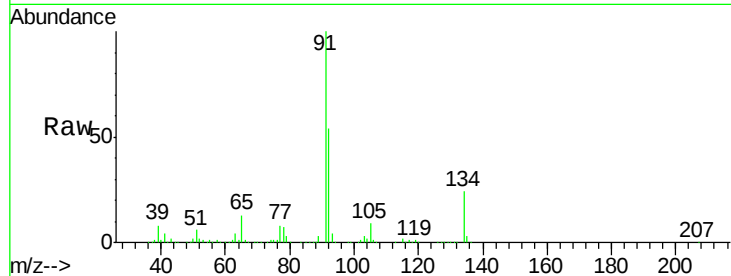
Tot Ion: 91 Resp: 230076

Ion Ratio Lower Upper

91 100

92 53.5 27.5 82.4

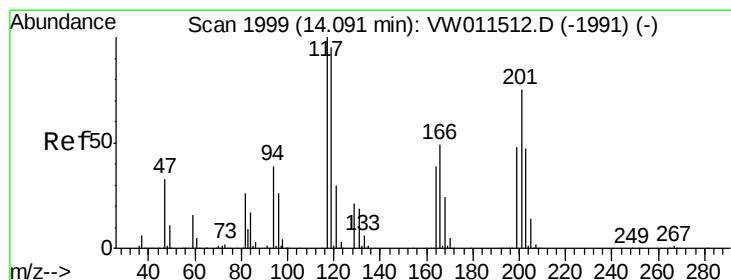
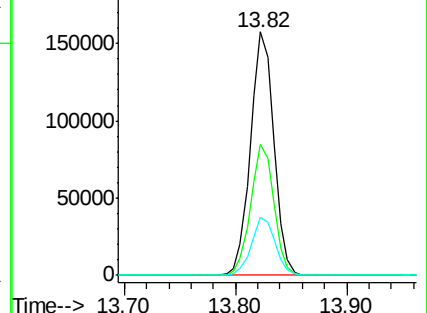
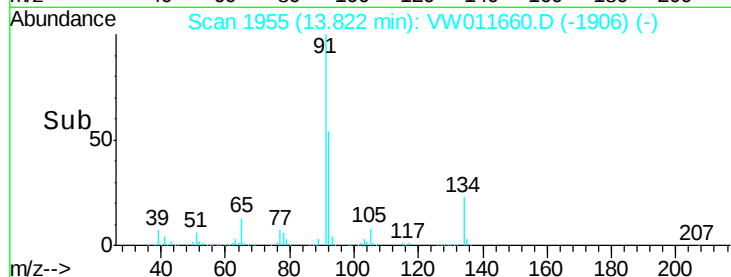
134 23.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.212 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW011660.D

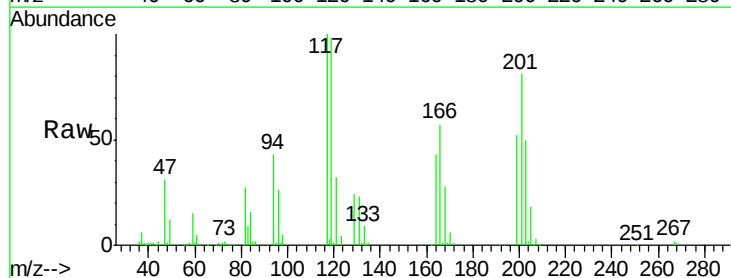
Acq: 03 Aug 2019 12:47

Tgt Ion: 117 Resp: 39315

Ion Ratio Lower Upper

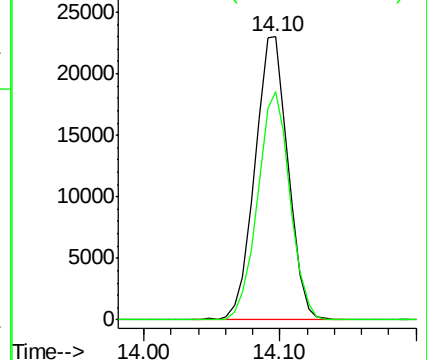
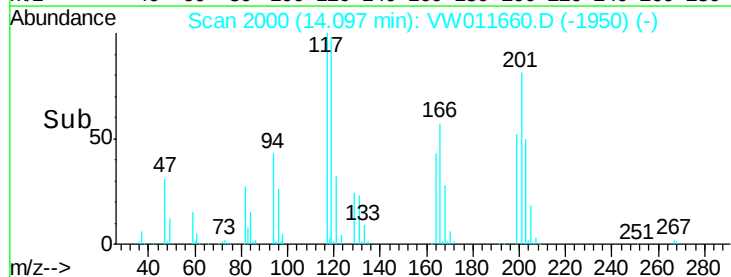
117 100

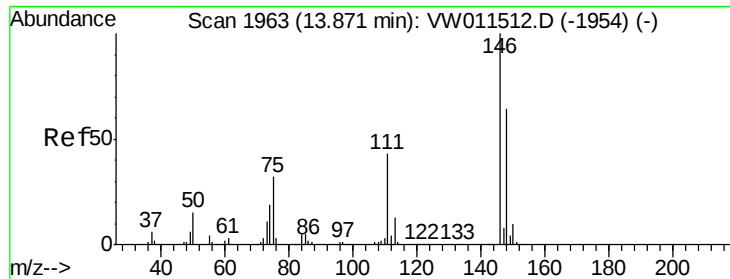
201 78.5 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.431 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

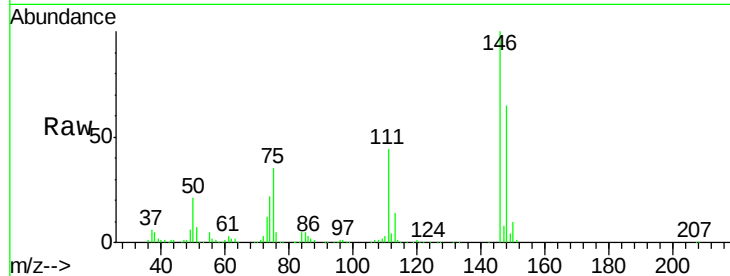
Tot Ion:146 Resp: 94980

Ion Ratio Lower Upper

146 100

111 43.3 21.6 65.0

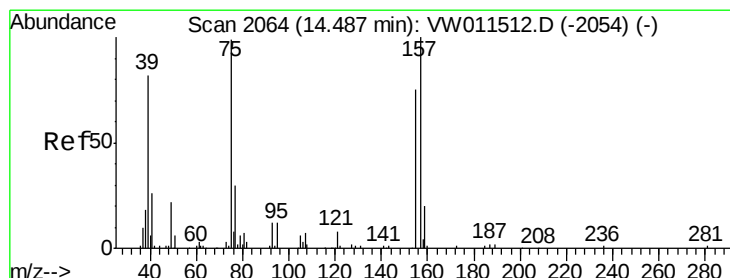
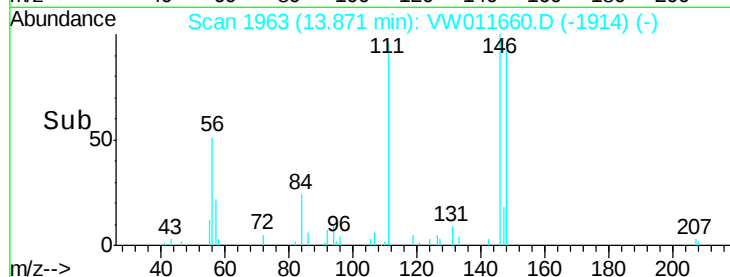
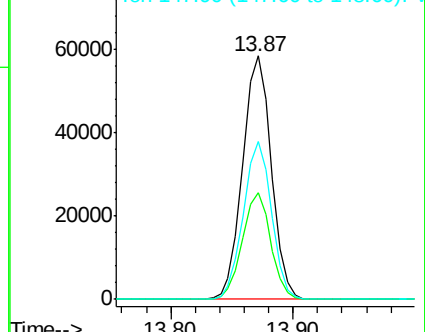
148 63.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.270 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

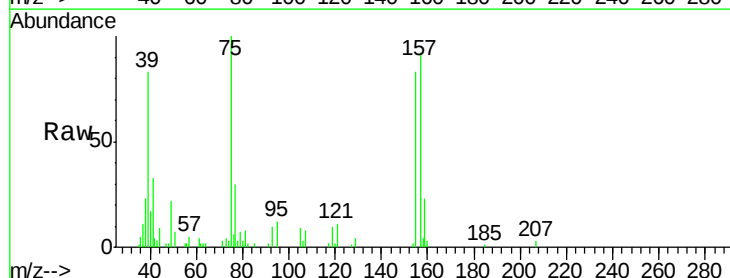
Tgt Ion: 75 Resp: 7473

Ion Ratio Lower Upper

75 100

155 76.0 38.2 114.6

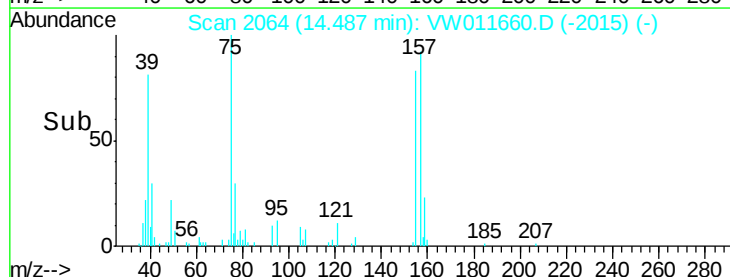
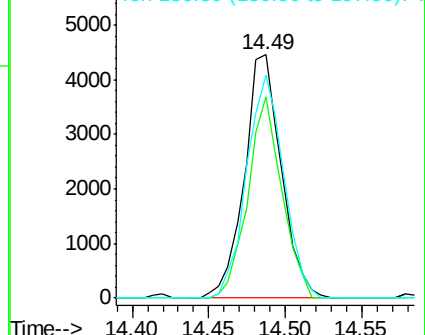
157 92.1 48.9 146.7

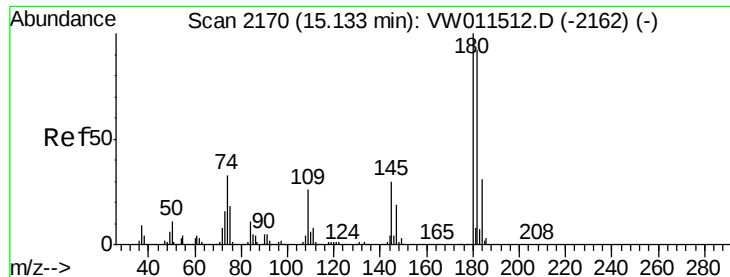


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

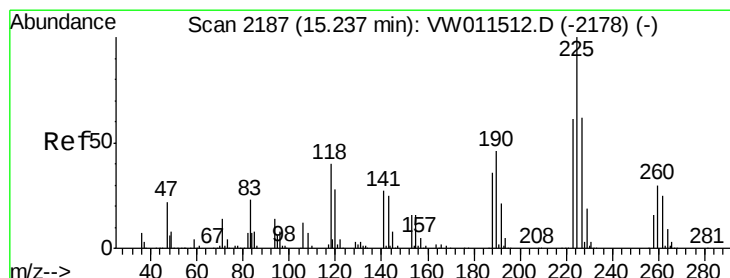
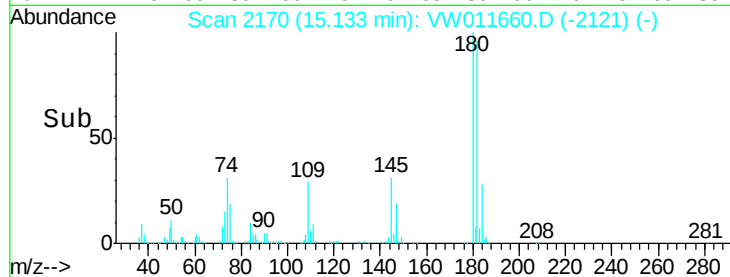
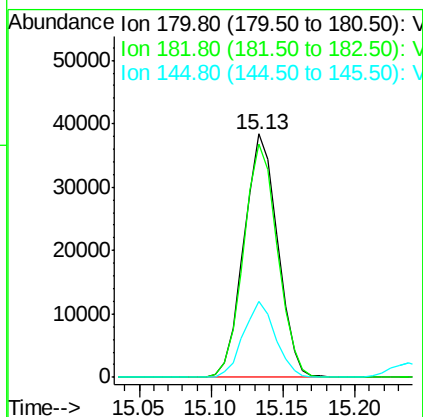
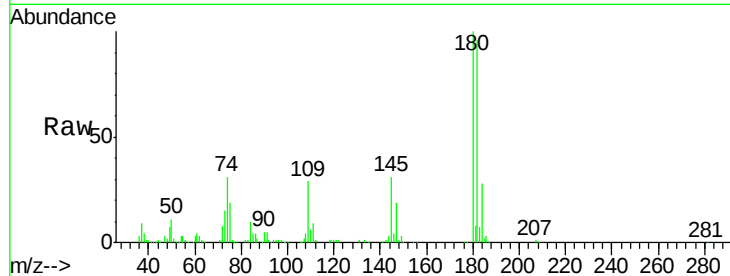




#93
 1,2,4-Trichlorobenzene
 Concen: 18.042 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

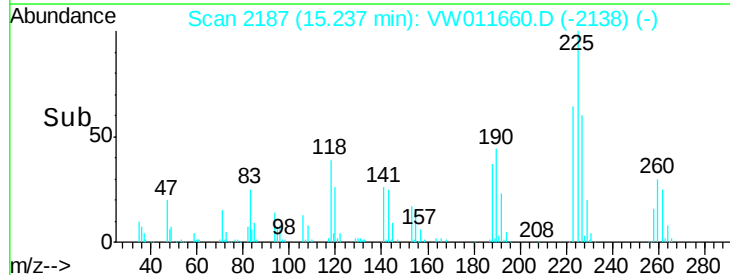
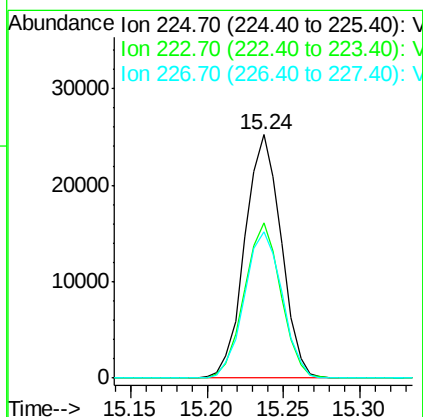
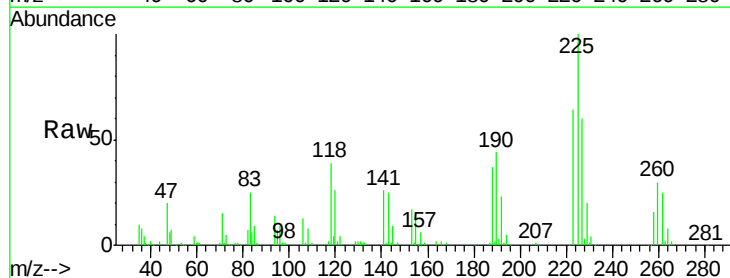
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

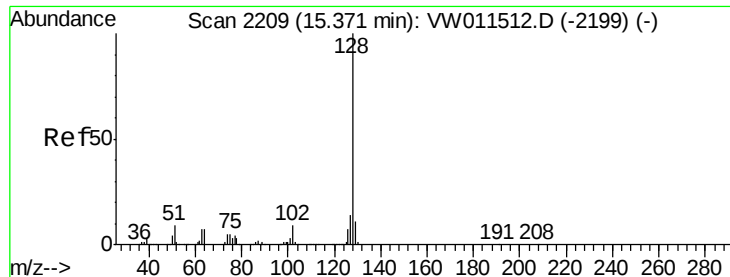
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	29.9	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 19.408 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011660.D
 Acq: 03 Aug 2019 12:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.8	92.3
227	62.7	31.6	94.7





#95

Naphthalene

Concen: 16.903 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01

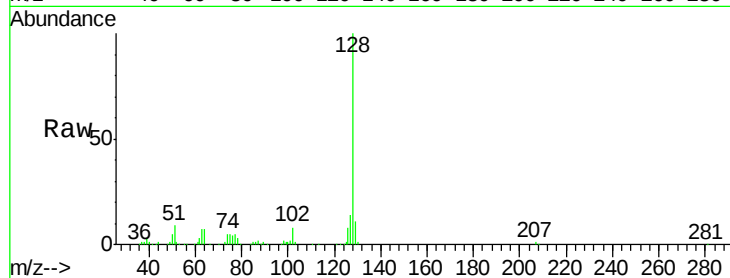
Tot Ion:128 Resp: 104436

Ion Ratio Lower Upper

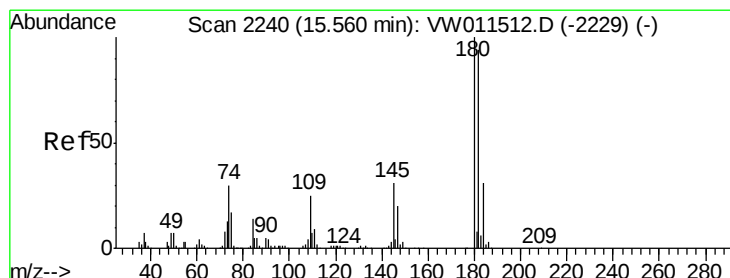
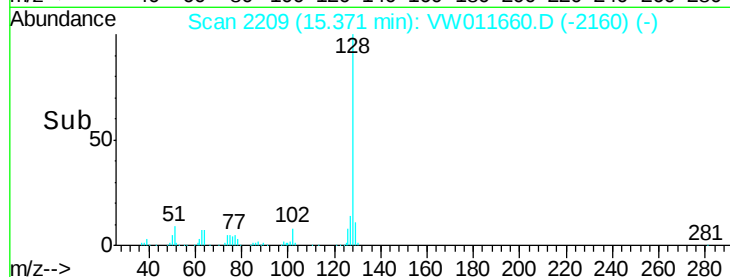
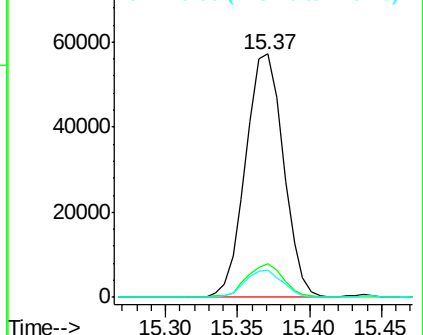
128 100

127 13.4 10.6 16.0

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.764 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011660.D

Acq: 03 Aug 2019 12:47

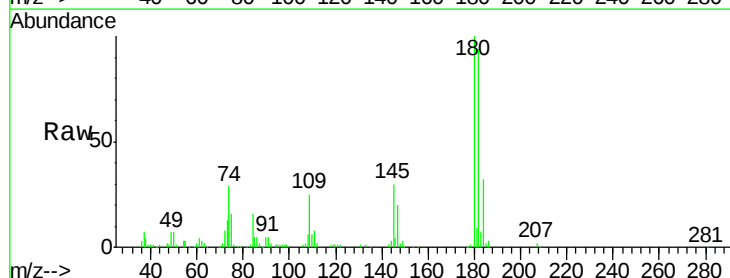
Tgt Ion:180 Resp: 53642

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.2

145 32.0 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

