

Data File : VW012764.D
Acq On : 08 Sep 2019 13:01
Operator : SY/VA
Sample : VW0908SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

Quant Time: Sep 09 05:56:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	149812	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	116037	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
35) Dibromofluoromethane	7.88	113	94437	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
50) Toluene-d8	10.32	98	365372	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.62	95	136326	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	32860	25.353	ug/l	99
3) Chloromethane	2.21	50	35714	22.673	ug/l	97
4) Vinyl Chloride	2.36	62	41474	21.474	ug/l	95
5) Bromomethane	2.78	94	23903	22.792	ug/l	99
6) Chloroethane	2.92	64	24225	21.020	ug/l	96
7) Trichlorofluoromethane	3.25	101	27562	20.680	ug/l	94
8) Diethyl Ether	3.68	74	21284	19.001	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46055	22.020	ug/l	99
10) Methyl Iodide	4.27	142	58639	22.271	ug/l	99
11) Tert butyl alcohol	5.21	59	15461	75.648	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	41938	21.241	ug/l	92
13) Acrolein	3.90	56	16090	74.186	ug/l	97
14) Allyl chloride	4.67	41	80653	19.747	ug/l	97
15) Acrylonitrile	5.37	53	52769	80.656	ug/l	99
16) Acetone	4.14	43	55073	75.624	ug/l	96
17) Carbon Disulfide	4.38	76	92147	21.988	ug/l	99
18) Methyl Acetate	4.67	43	25879	15.146	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	74463	19.017	ug/l	97
20) Methylene Chloride	4.92	84	46129	20.247	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44175	21.928	ug/l	95
22) Diisopropyl ether	6.31	45	160560	19.821	ug/l	98
23) Vinyl Acetate	6.26	43	461968	89.988	ug/l	100
24) 1,1-Dichloroethane	6.21	63	91360	20.946	ug/l	99
25) 2-Butanone	7.18	43	66587	76.891	ug/l	100
26) 2,2-Dichloropropane	7.17	77	54431	19.759	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	44589	19.089	ug/l	99
28) Bromochloromethane	7.51	49	32507	16.231	ug/l #	99
29) Tetrahydrofuran	7.53	42	41648	70.820	ug/l	99
30) Chloroform	7.67	83	86107	19.920	ug/l	97
31) Cyclohexane	7.95	56	81923	20.863	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	74840	21.359	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67967	20.920	ug/l	100
37) Ethyl Acetate	7.26	43	32667	15.773	ug/l	99
38) Carbon Tetrachloride	8.07	117	67294	21.013	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76134	20.865	ug/l	97
40) Benzene	8.32	78	181699	20.157	ug/l	100
41) Methacrylonitrile	7.48	41	16722	14.805	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	59502	18.756	ug/l	100
43) Isopropyl Acetate	8.43	43	61954	15.790	ug/l	97
44) Trichloroethene	9.09	130	48829	21.015	ug/l	93
45) 1,2-Dichloropropane	9.37	63	48622	19.448	ug/l	99
46) Dibromomethane	9.46	93	22078	18.649	ug/l	98
47) Bromodichloromethane	9.64	83	63648	19.541	ug/l	99
48) Methyl methacrylate	9.43	41	29229	15.588	ug/l	94
49) 1,4-Dioxane	9.48	88	6736	288.049	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	159059	77.254	ug/l	99
52) Toluene	10.39	92	113737	20.216	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59675	17.818	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71603	18.846	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32042	18.078	ug/l	98
56) Ethyl methacrylate	10.65	69	43580	16.797	ug/l	98
57) 1,3-Dichloropropane	10.93	76	57789	17.624	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	114116	82.853	ug/l	94
59) 2-Hexanone	10.97	43	110528	73.480	ug/l	99
60) Dibromochloromethane	11.13	129	37064	17.781	ug/l	99
61) 1,2-Dibromoethane	11.23	107	28599	17.600	ug/l	99
64) Tetrachloroethene	10.86	164	40579	22.076	ug/l	98
65) Chlorobenzene	11.66	112	117463	20.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	44246	20.751	ug/l	99
67) Ethyl Benzene	11.73	91	231826	21.580	ug/l	100
68) m/p-Xylenes	11.83	106	166962	43.058	ug/l	99
69) o-Xylene	12.16	106	77637	21.223	ug/l	98
70) Styrene	12.18	104	135137	20.905	ug/l	100
71) Bromoform	12.35	173	20438	17.252	ug/l	98
73) Isopropylbenzene	12.46	105	223390	20.790	ug/l	99
74) N-amyl acetate	12.27	43	56512	16.570	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	37217	17.247	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	48790	31.849	ug/l #	100
77) Bromobenzene	12.74	156	47765	19.621	ug/l	98
78) n-propylbenzene	12.80	91	270254	21.030	ug/l	100
79) 2-Chlorotoluene	12.89	91	154920	20.999	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	190374	21.026	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11786	16.273	ug/l	97
82) 4-Chlorotoluene	12.99	91	161628	20.712	ug/l	99
83) tert-Butylbenzene	13.21	119	165996	20.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	188597	20.672	ug/l	99
85) sec-Butylbenzene	13.38	105	235768	21.223	ug/l	100
86) p-Isopropyltoluene	13.50	119	208508	20.548	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	95870	20.036	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	94609	19.871	ug/l	99
89) n-Butylbenzene	13.82	91	202579	20.564	ug/l	99
90) Hexachloroethane	14.09	117	35472	20.025	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	84879	19.709	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6283	15.910	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090819\
Quantitation Report (Not Reviewed)

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QLast Update : Sun Sep 08 05:04:40 2019
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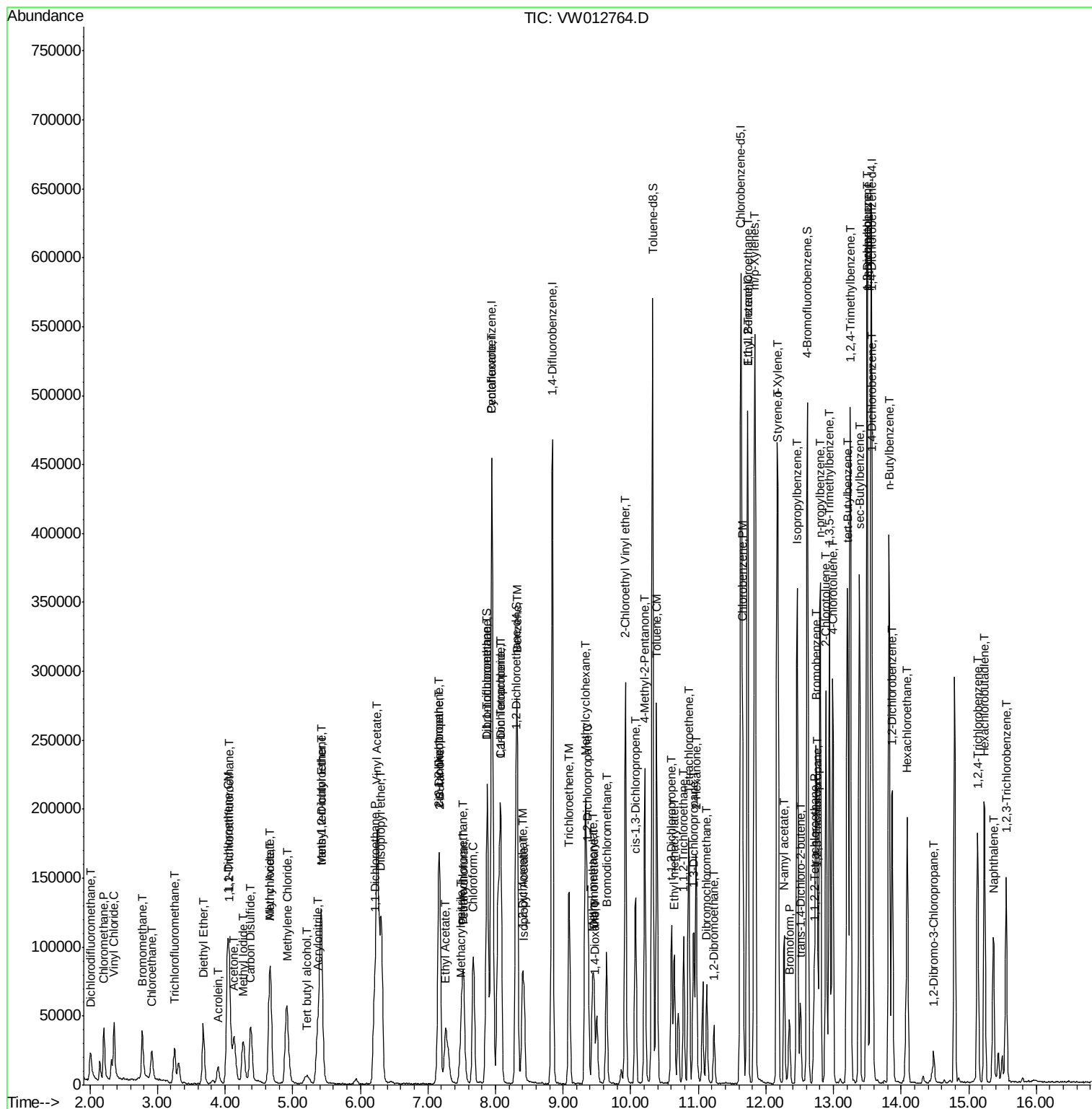
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56739	18.923	ug/l	100
94) Hexachlorobutadiene	15.23	225	41503	19.998	ug/l	98
95) Naphthalene	15.36	128	89893	17.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	49939	18.868	ug/l	99

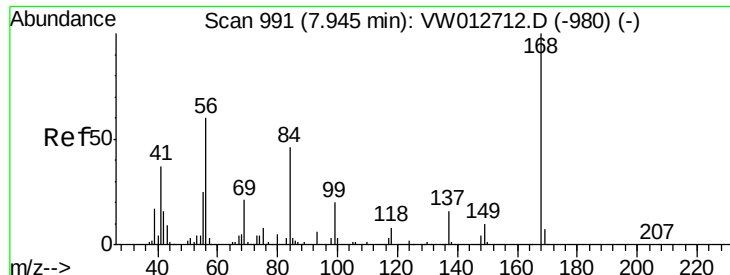
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

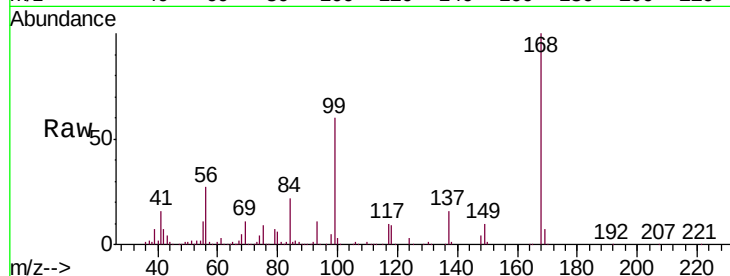
VW0908SBSD01

Tgt Ion:168 Resp: 239077

Ion Ratio Lower Upper

168 100

99 60.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

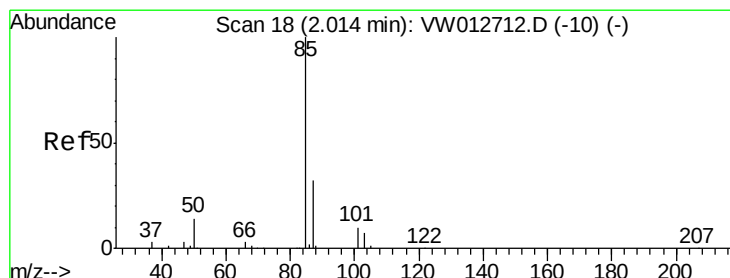
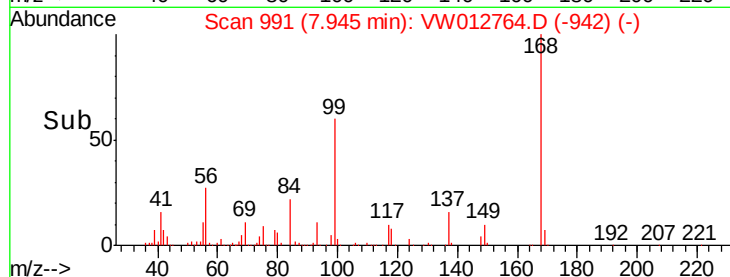
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 25.353 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012764.D

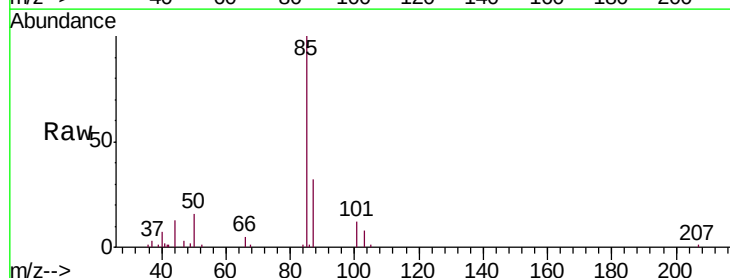
Acq: 08 Sep 2019 13:01

Tgt Ion: 85 Resp: 32860

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

4000

2000

0

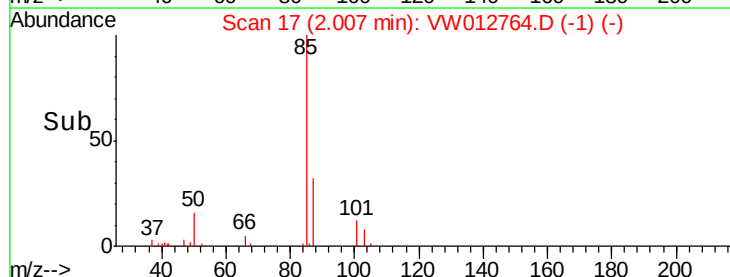
1.90

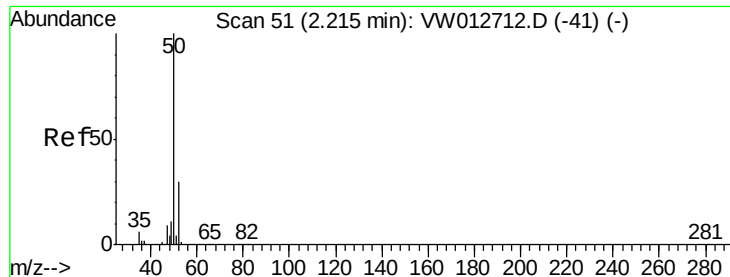
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 22.673 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

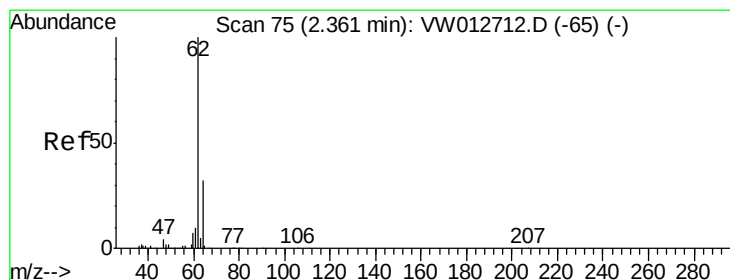
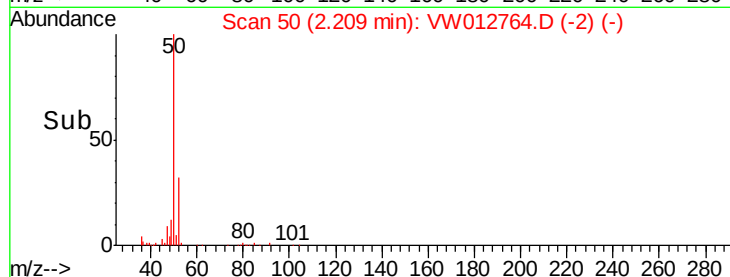
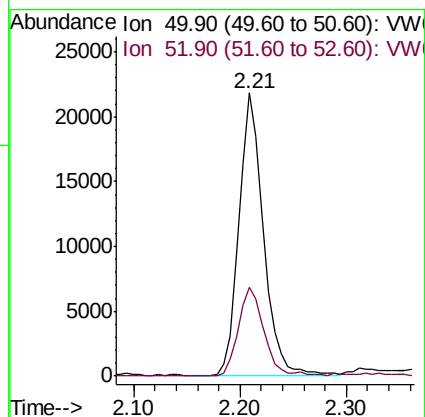
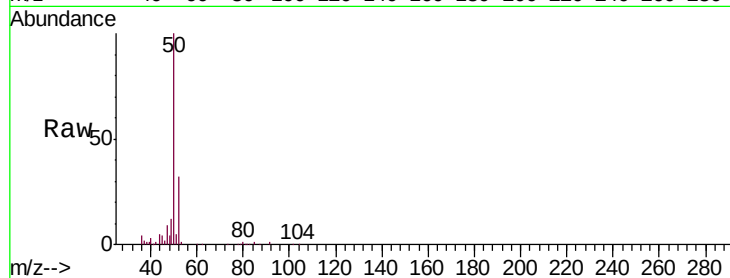
VW0908SBSD01

Tgt Ion: 50 Resp: 35714

Ion Ratio Lower Upper

50 100

52 31.6 24.2 36.2



#4

Vinyl Chloride

Concen: 21.474 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012764.D

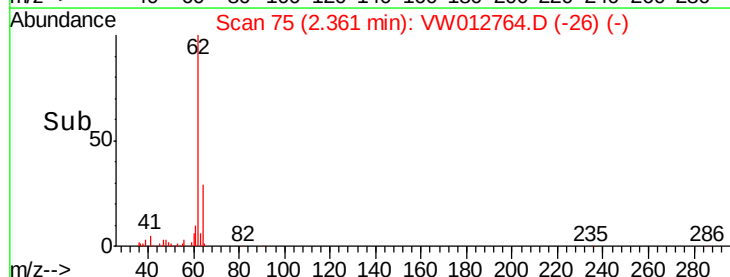
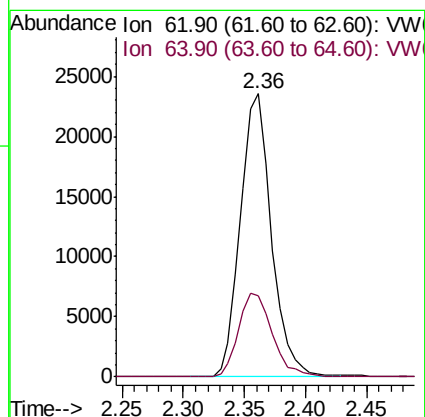
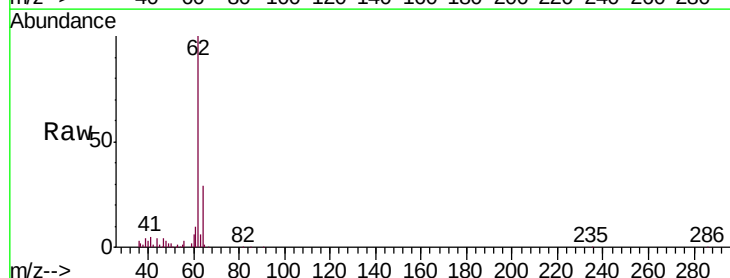
Acq: 08 Sep 2019 13:01

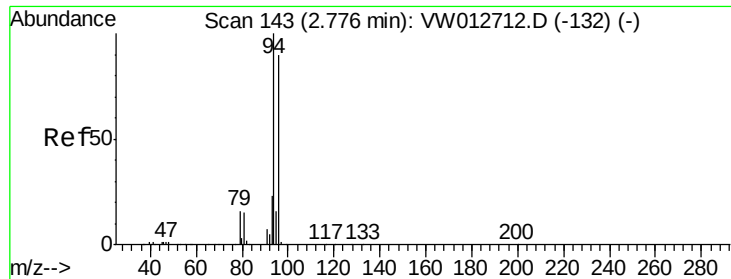
Tgt Ion: 62 Resp: 41474

Ion Ratio Lower Upper

62 100

64 28.7 25.3 37.9





#5

Bromomethane

Concen: 22.792 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

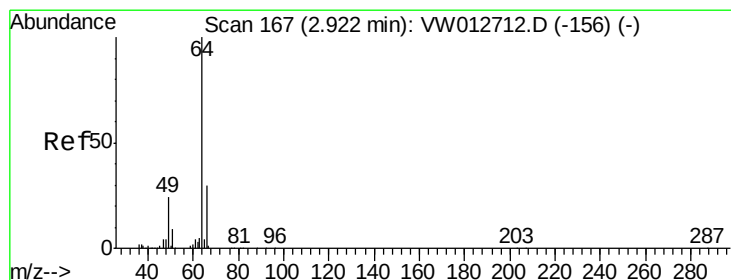
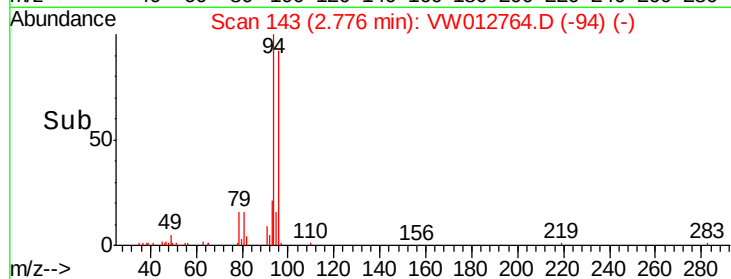
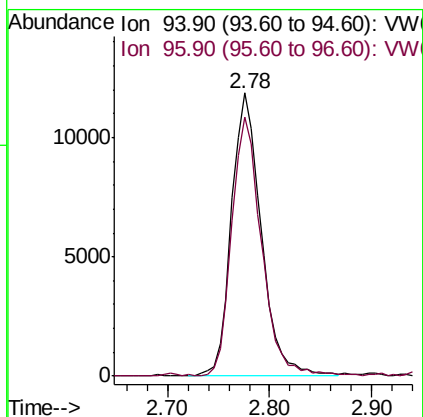
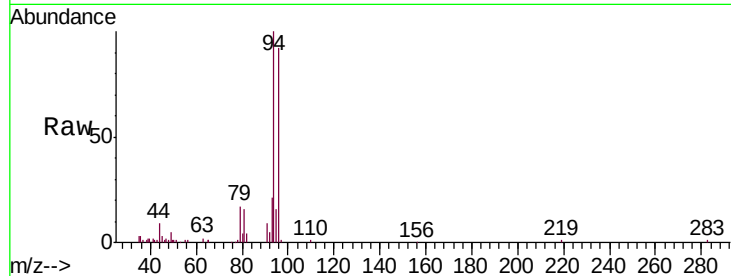
VW0908SBSD01

Tgt Ion: 94 Resp: 23903

Ion Ratio Lower Upper

94 100

96 91.1 72.1 108.1



#6

Chloroethane

Concen: 21.020 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012764.D

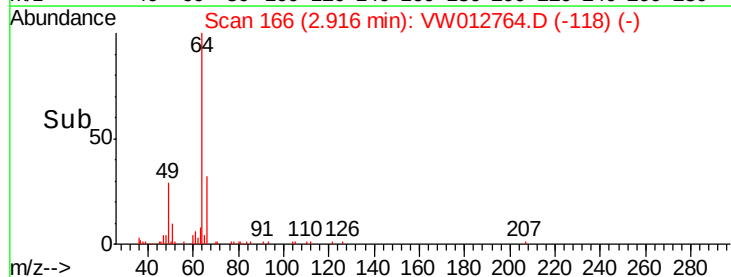
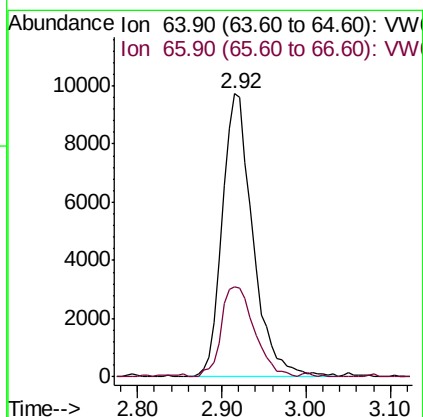
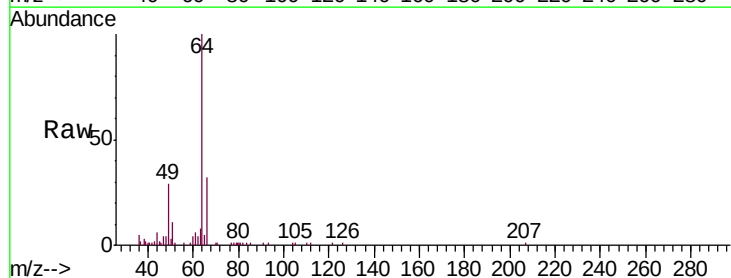
Acq: 08 Sep 2019 13:01

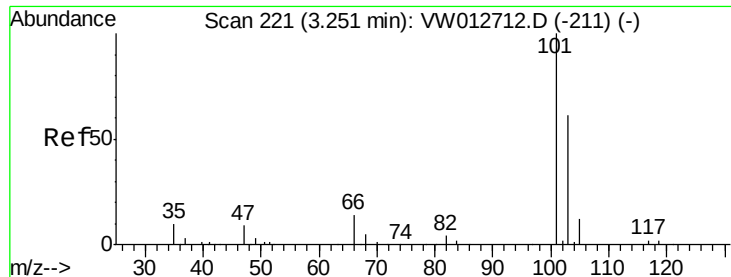
Tgt Ion: 64 Resp: 24225

Ion Ratio Lower Upper

64 100

66 31.7 23.8 35.6



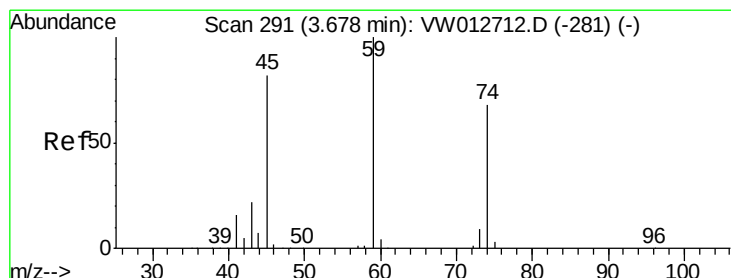
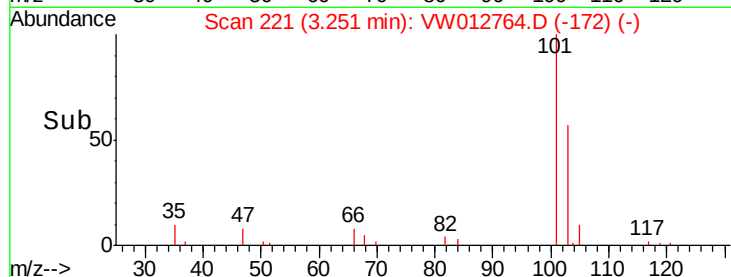
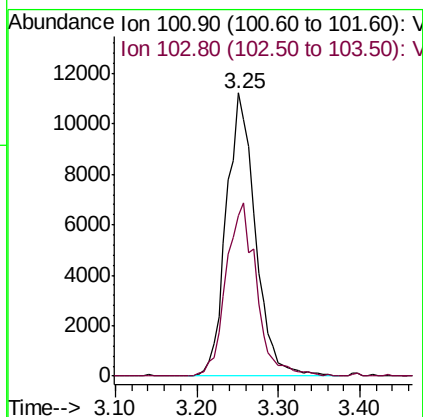
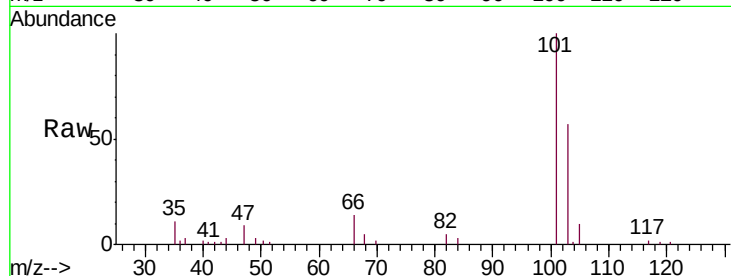


#7

Trichlorofluoromethane
 Concen: 20.680 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
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 VW0908SBSD01

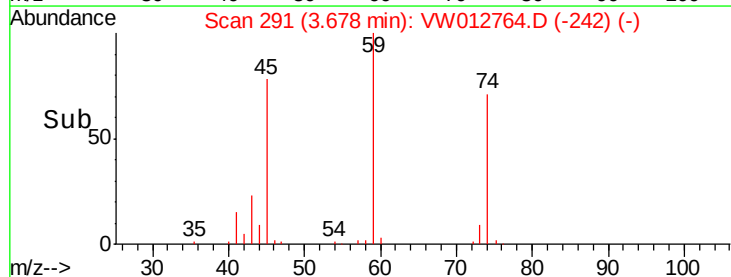
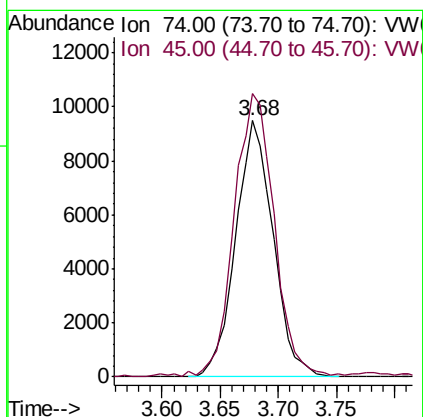
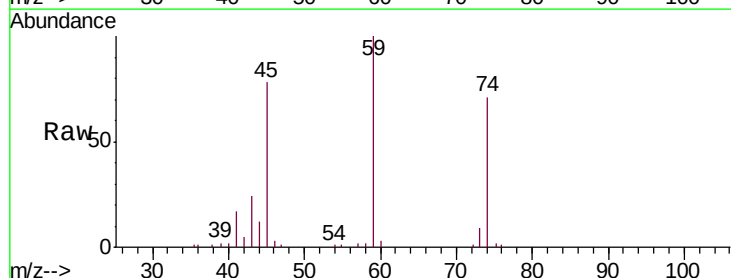
Tgt Ion: 101 Resp: 27562
 Ion Ratio Lower Upper
 101 100
 103 56.7 49.0 73.4

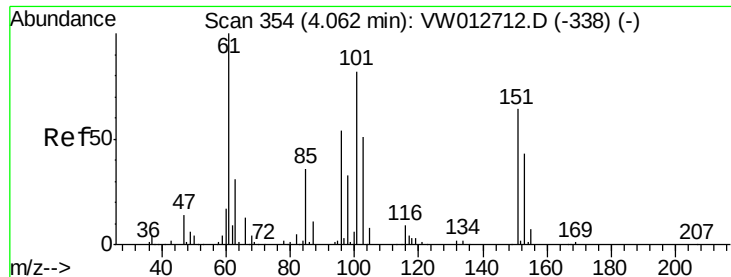


#8

Diethyl Ether
 Concen: 19.001 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 74 Resp: 21284
 Ion Ratio Lower Upper
 74 100
 45 118.2 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.020 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

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ClientSampleId :

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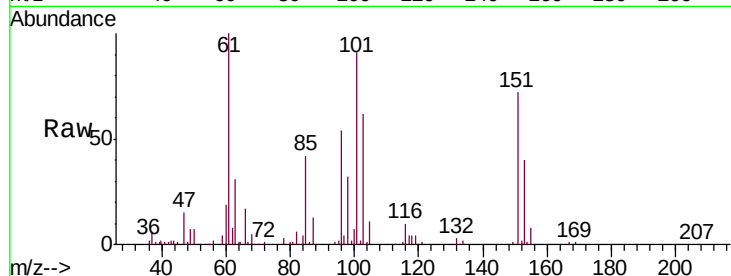
Tgt Ion:101 Resp: 46055

Ion Ratio Lower Upper

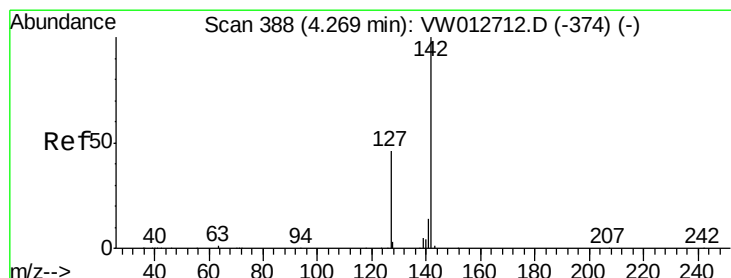
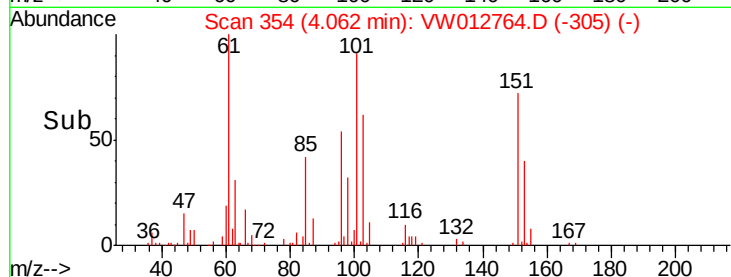
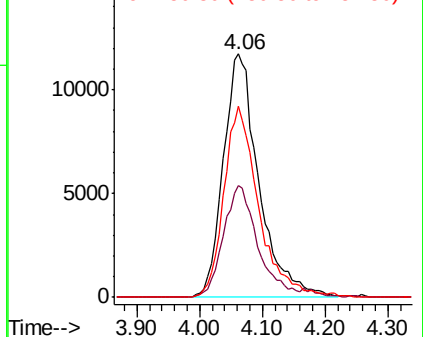
101 100

85 44.2 36.2 54.2

151 76.5 61.9 92.9



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



#10

Methyl Iodide

Concen: 22.271 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

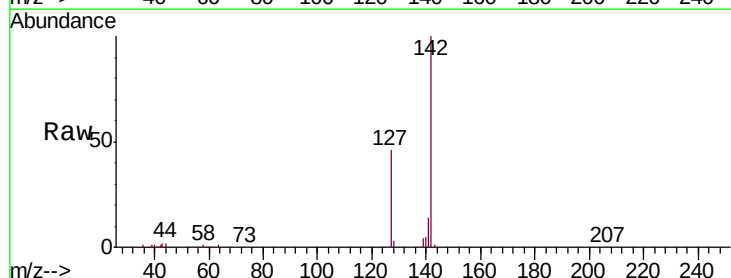
Tgt Ion:142 Resp: 58639

Ion Ratio Lower Upper

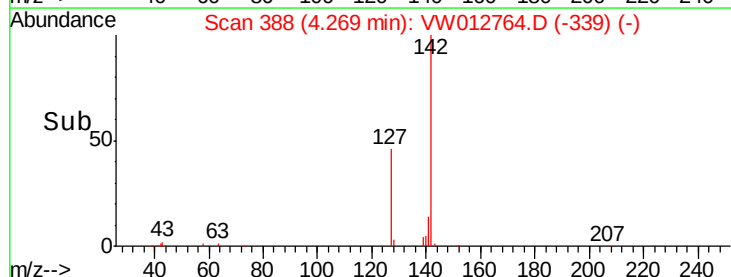
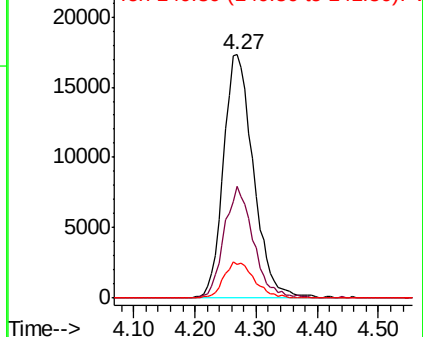
142 100

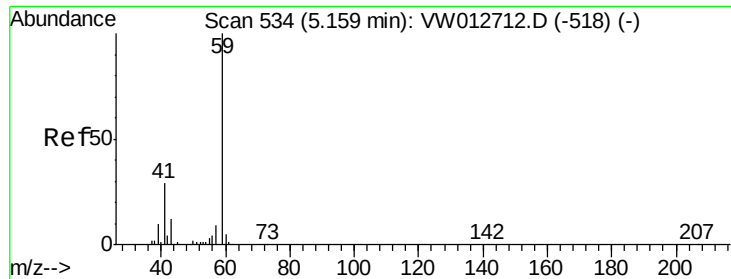
127 44.6 36.0 54.0

141 15.0 12.2 18.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

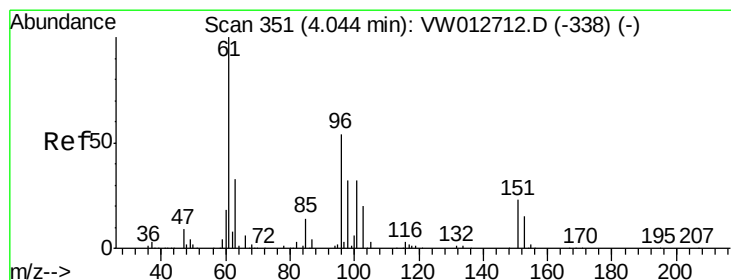
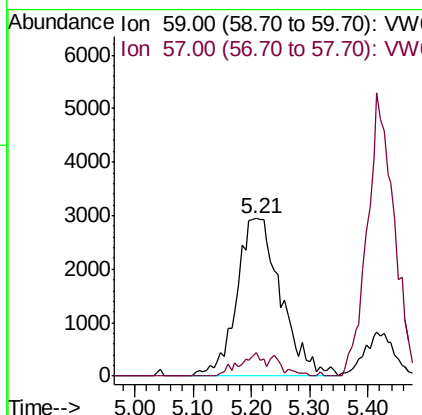
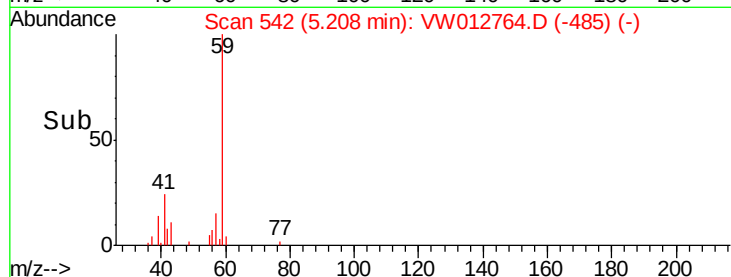
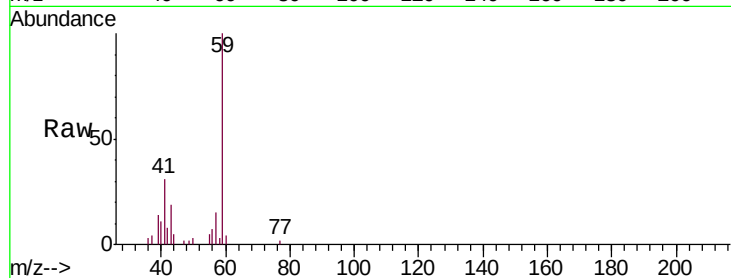




#11
Tert butyl alcohol
Concen: 75.648 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.05 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

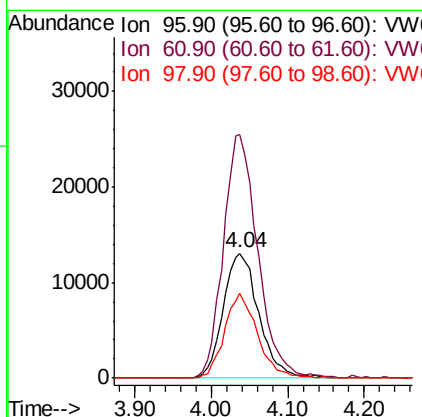
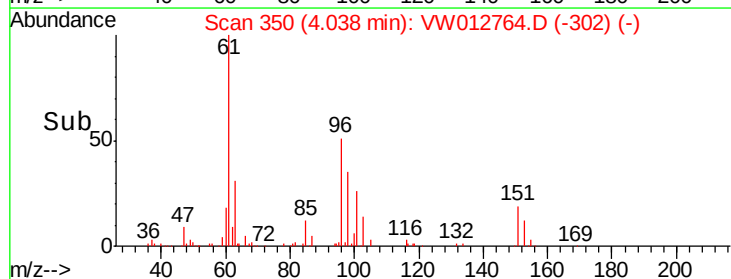
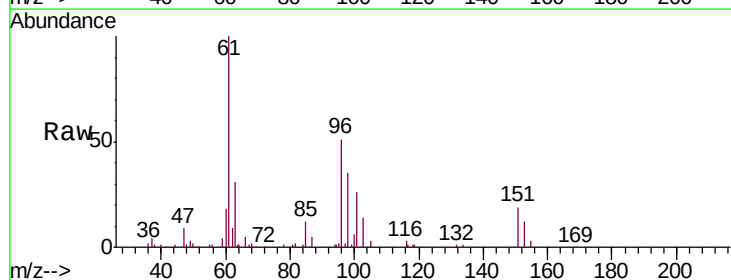
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

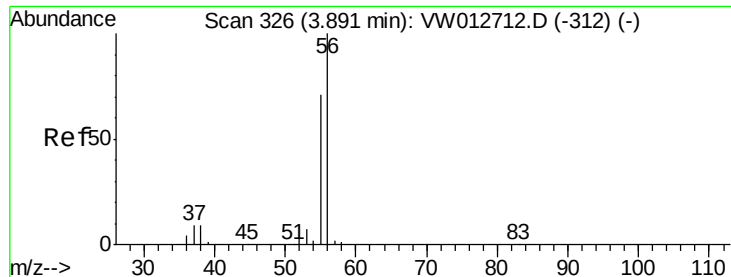
Tgt Ion: 59 Resp: 15461
Ion Ratio Lower Upper
59 100
57 7.9 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 21.241 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 96 Resp: 41938
Ion Ratio Lower Upper
96 100
61 194.6 147.8 221.6
98 68.4 47.9 71.9





#13

Acrolein

Concen: 74.186 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

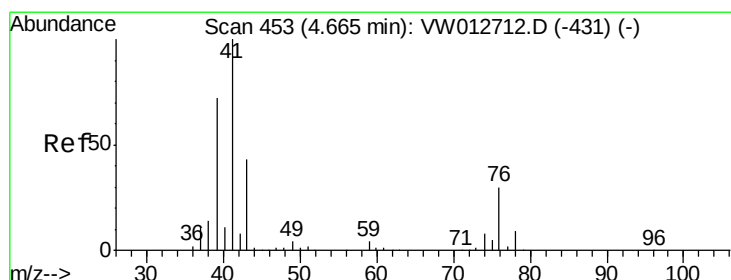
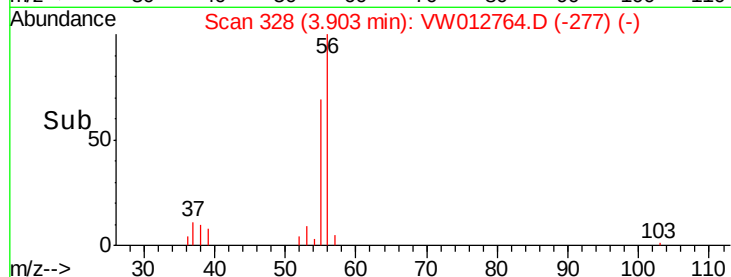
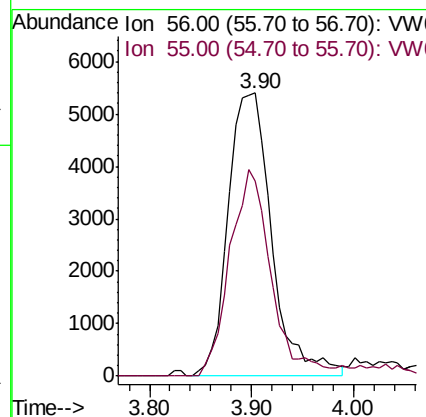
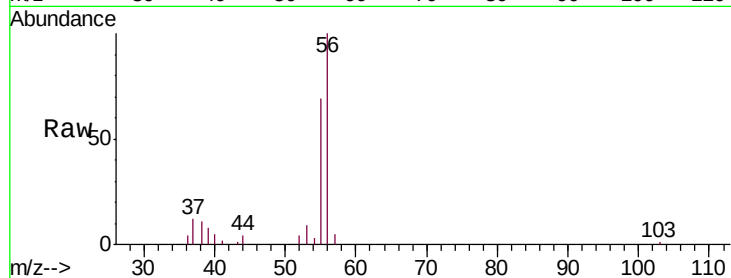
VW0908SBSD01

Tgt Ion: 56 Resp: 16090

Ion Ratio Lower Upper

56 100

55 68.5 56.9 85.3



#14

Allyl chloride

Concen: 19.747 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

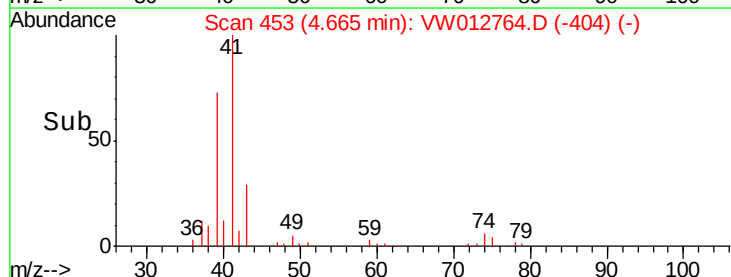
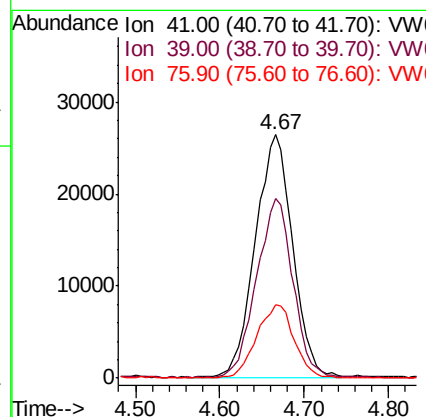
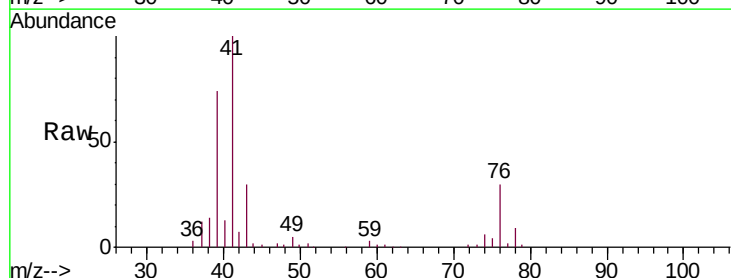
Tgt Ion: 41 Resp: 80653

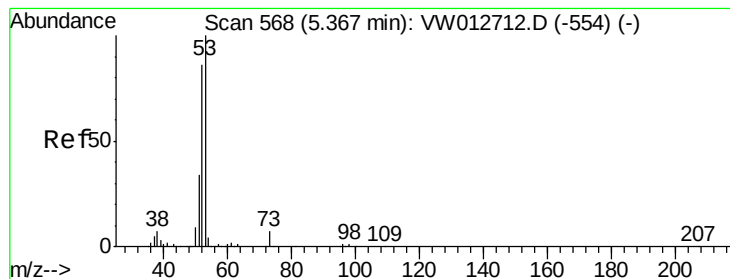
Ion Ratio Lower Upper

41 100

39 71.0 55.0 82.6

76 30.2 23.0 34.4





#15

Acrylonitrile

Concen: 80.656 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD01

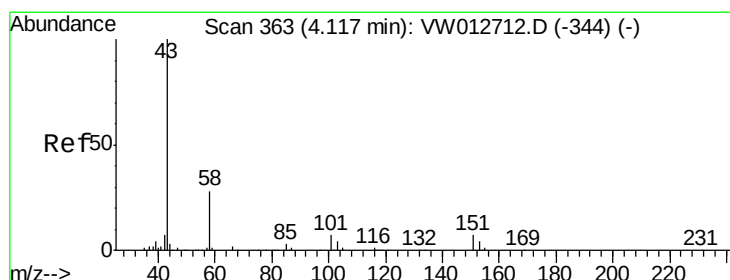
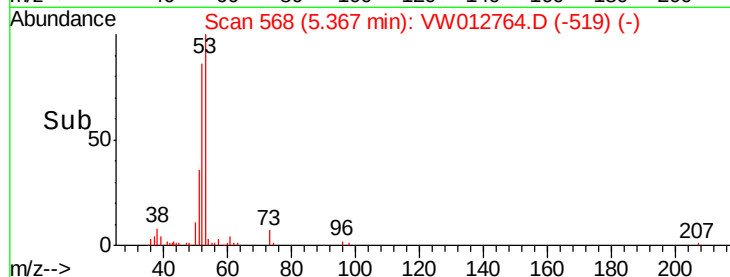
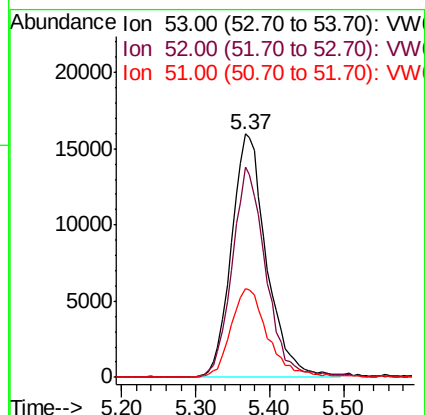
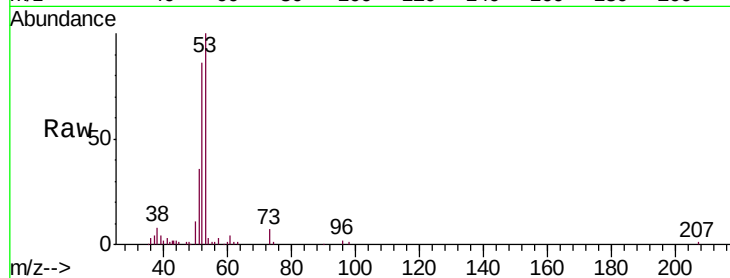
Tgt Ion: 53 Resp: 52769

Ion Ratio Lower Upper

53 100

52 83.6 67.0 100.4

51 38.6 29.8 44.8



#16

Acetone

Concen: 75.624 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012764.D

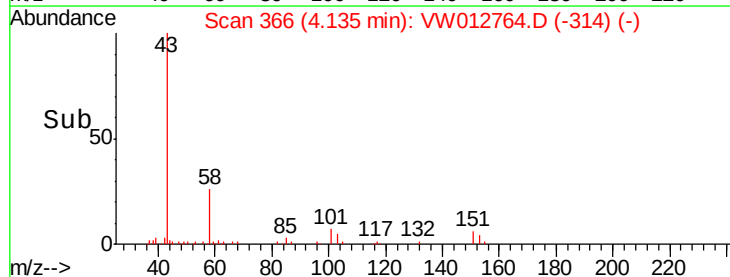
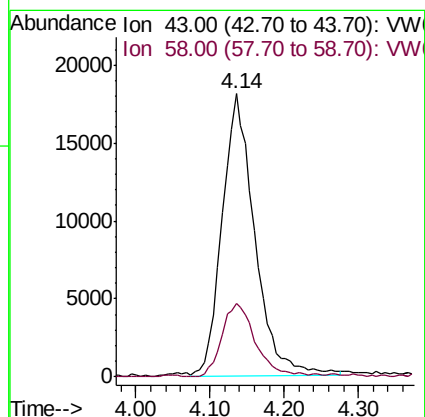
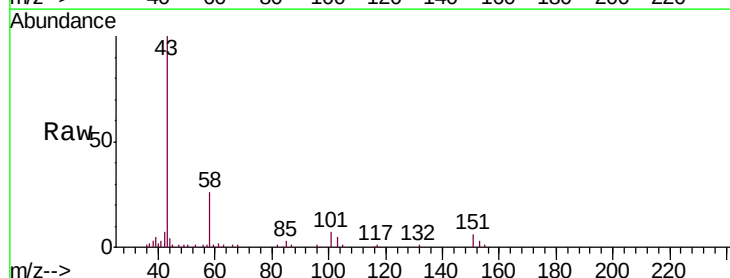
Acq: 08 Sep 2019 13:01

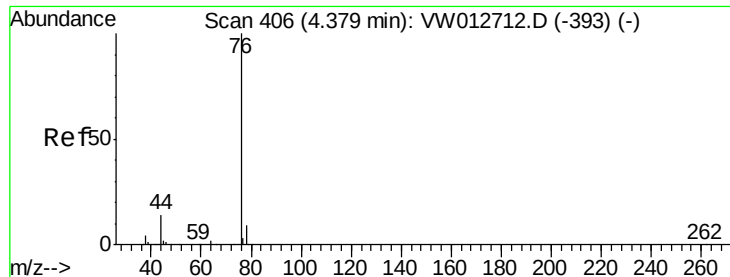
Tgt Ion: 43 Resp: 55073

Ion Ratio Lower Upper

43 100

58 25.9 22.6 33.8

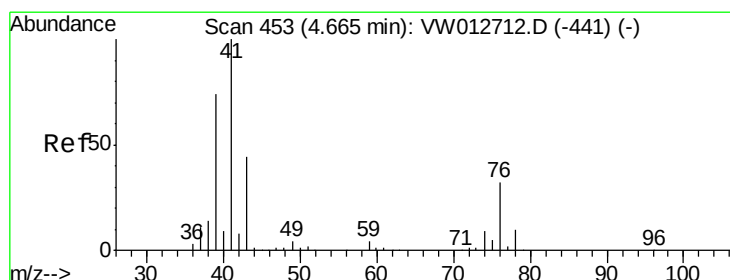
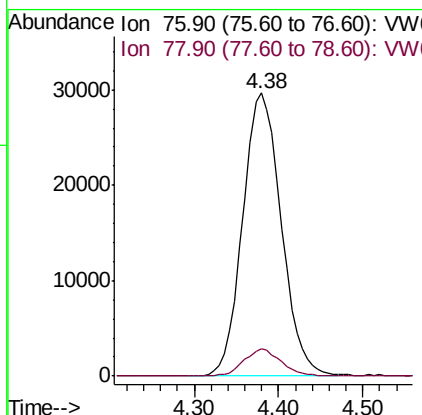
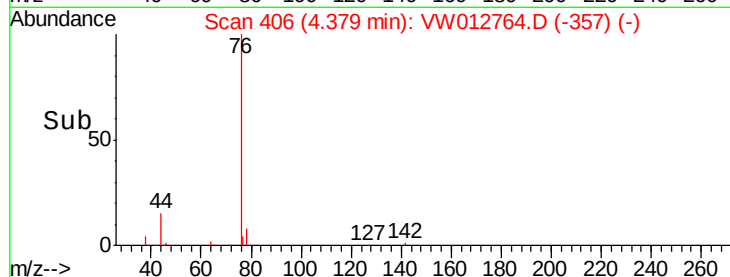
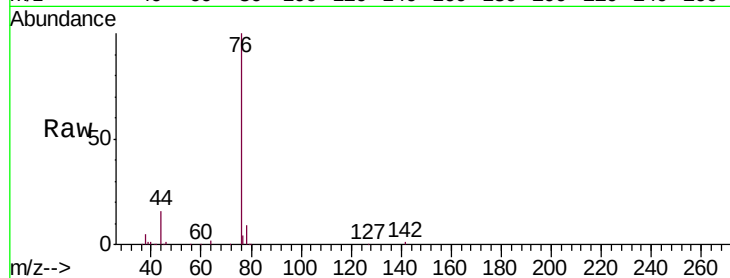




#17
Carbon Disulfide
Concen: 21.988 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

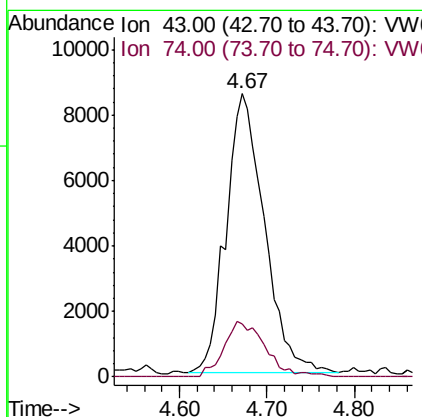
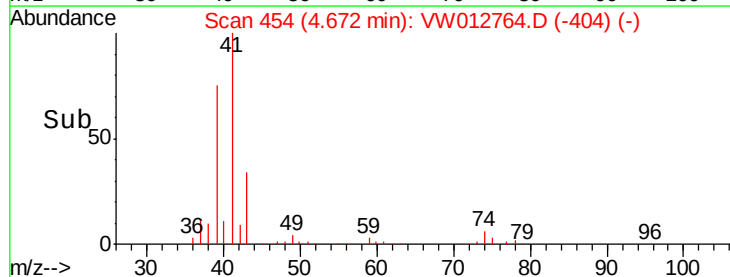
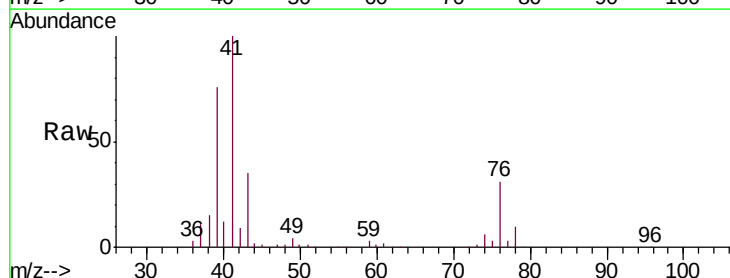
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

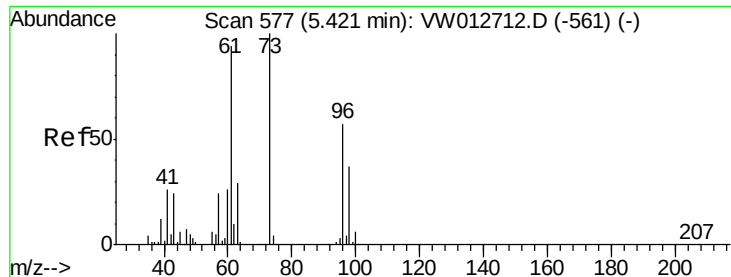
Tgt Ion: 76 Resp: 92147
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 15.146 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 43 Resp: 25879
Ion Ratio Lower Upper
43 100
74 21.7 15.8 23.6

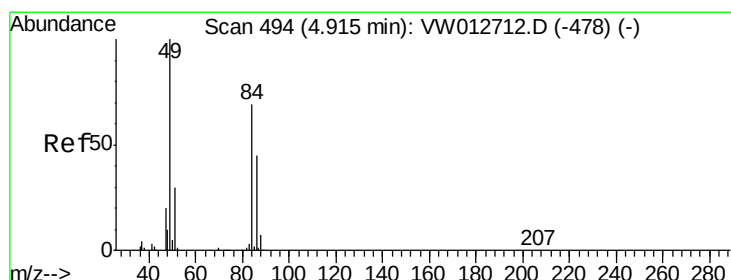
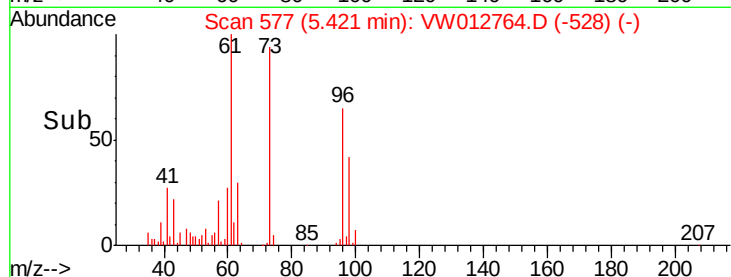
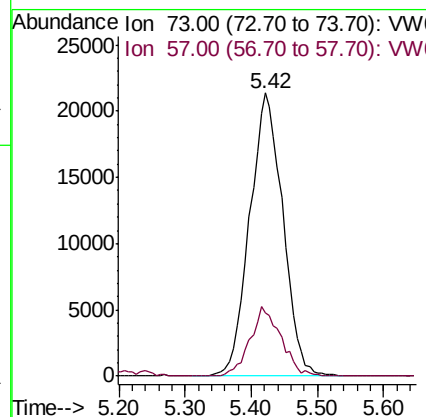
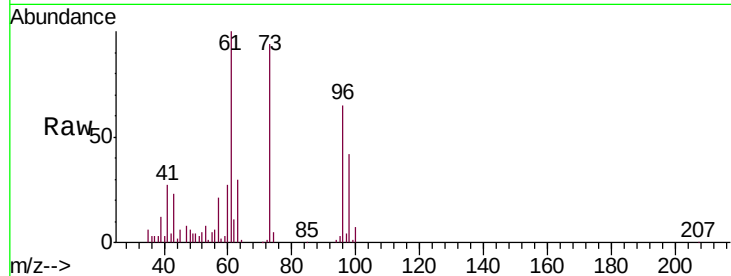




#19
Methyl tert-butyl Ether
Concen: 19.017 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

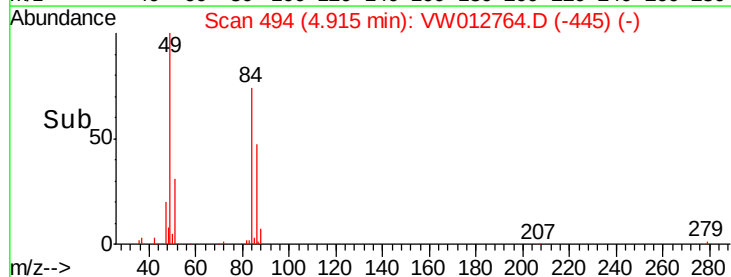
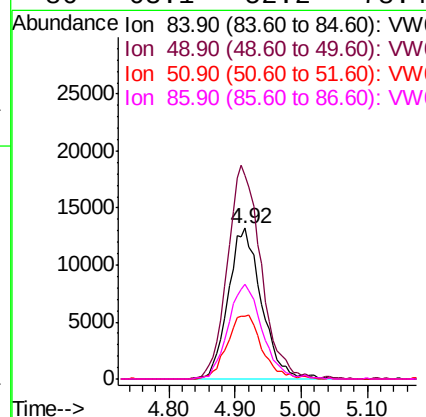
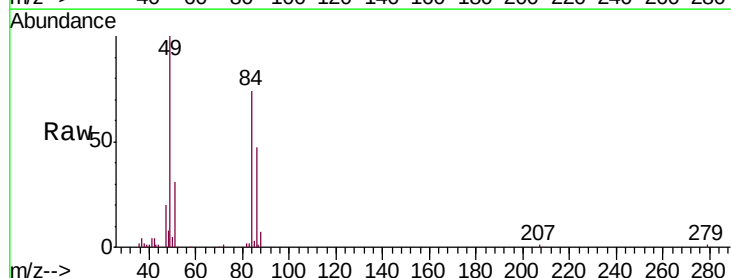
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

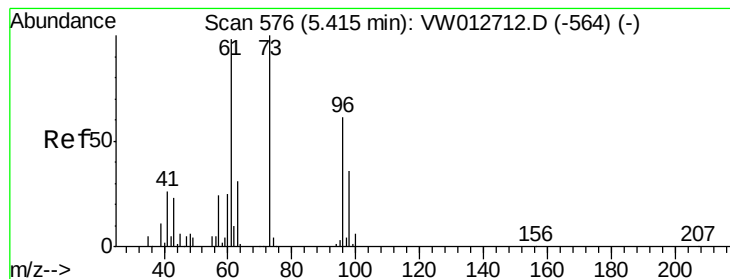
Tgt Ion: 73 Resp: 74463
Ion Ratio Lower Upper
73 100
57 22.5 19.2 28.8



#20
Methylene Chloride
Concen: 20.247 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 84 Resp: 46129
Ion Ratio Lower Upper
84 100
49 134.8 115.4 173.0
51 41.6 34.9 52.3
86 63.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.928 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD01

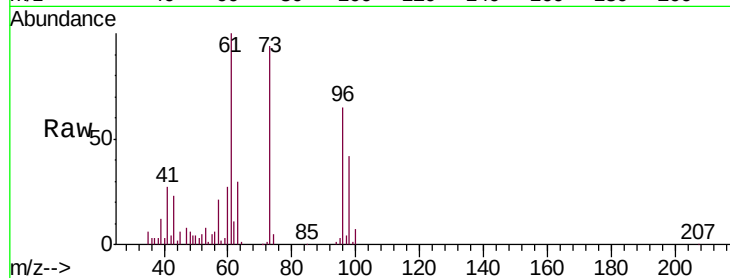
Tgt Ion: 96 Resp: 44175

Ion Ratio Lower Upper

96 100

61 154.2 129.2 193.8

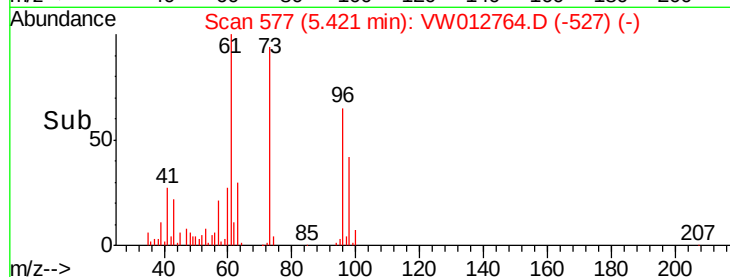
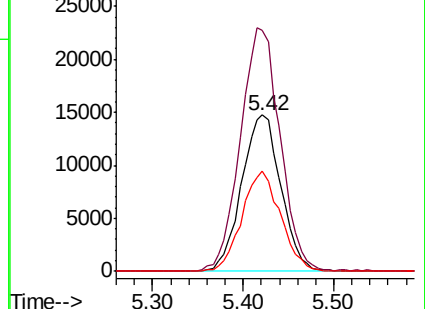
98 64.2 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.821 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion: 45 Resp: 160560

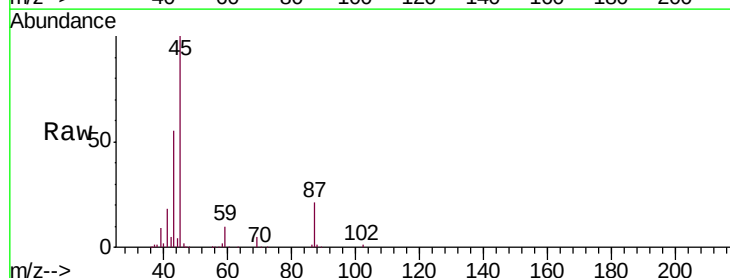
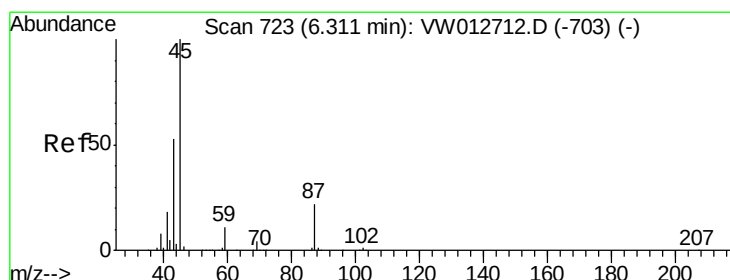
Ion Ratio Lower Upper

45 100

43 54.6 42.3 63.5

87 21.3 18.2 27.2

59 9.8 8.5 12.7

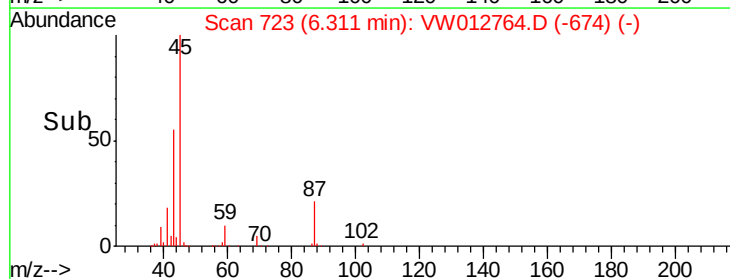
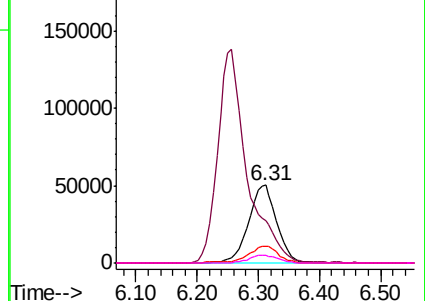


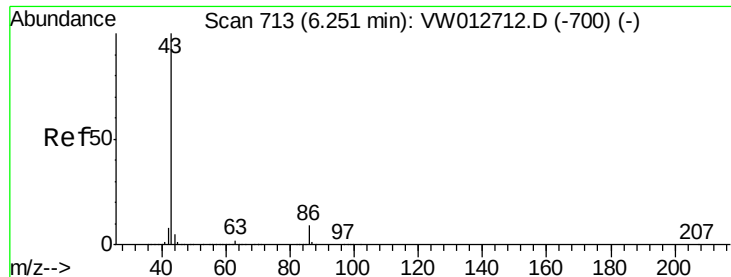
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 89.988 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

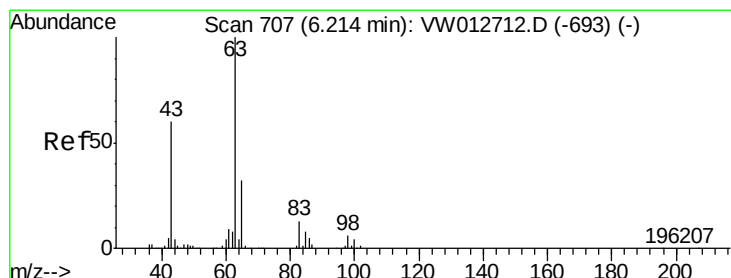
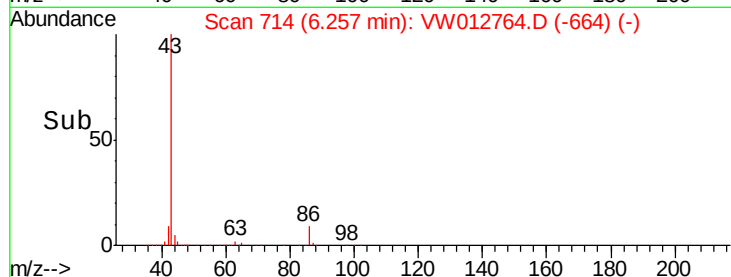
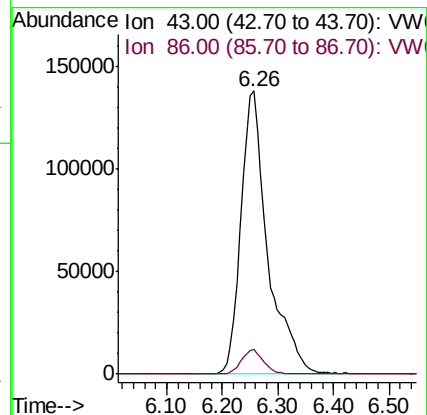
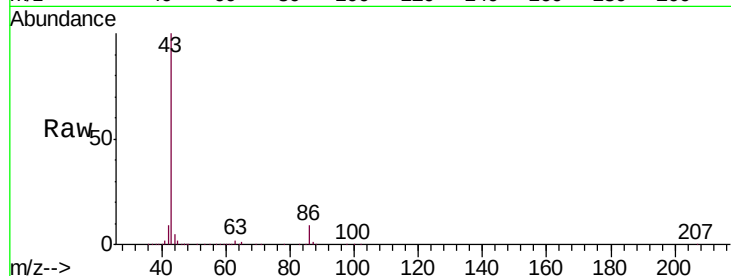
VW0908SBSD01

Tgt Ion: 43 Resp: 461968

Ion Ratio Lower Upper

43 100

86 8.9 7.0 10.6



#24

1,1-Dichloroethane

Concen: 20.946 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

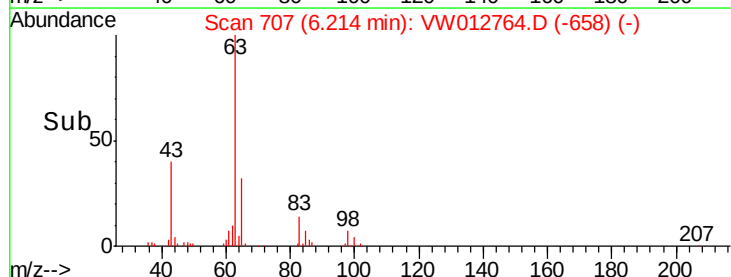
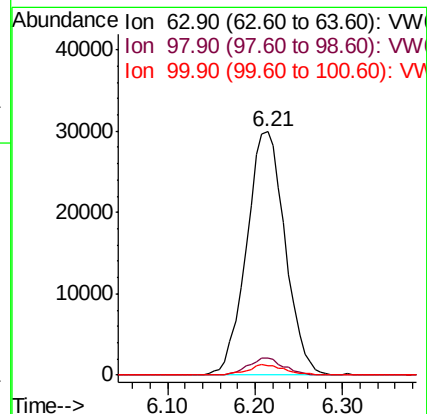
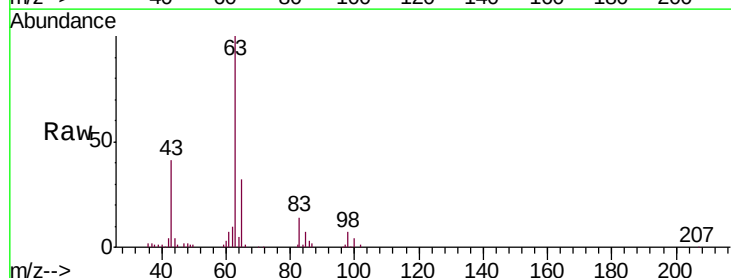
Tgt Ion: 63 Resp: 91360

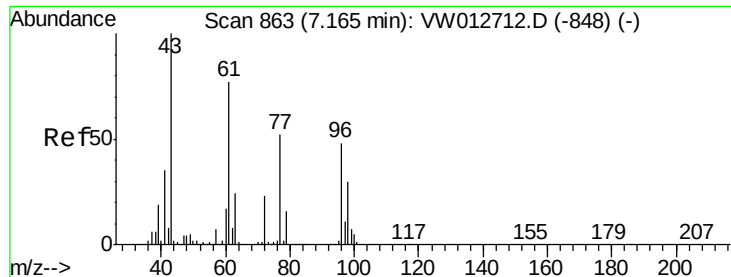
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 4.0 1.8 5.5





#25

2-Butanone

Concen: 76.891 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampled :

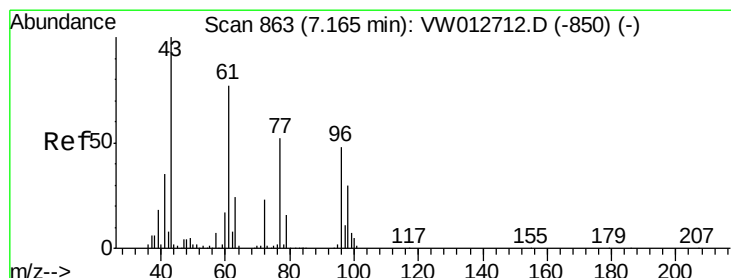
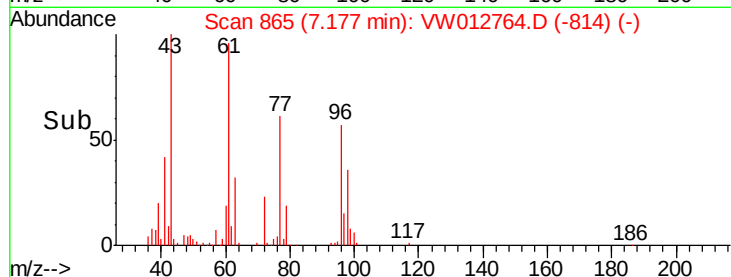
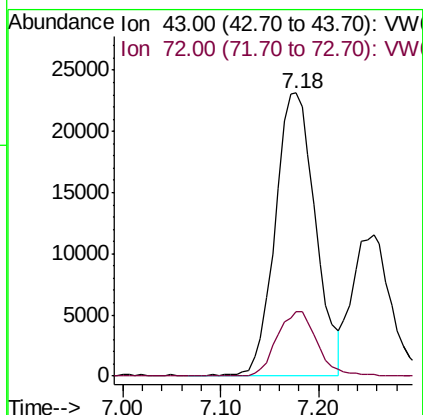
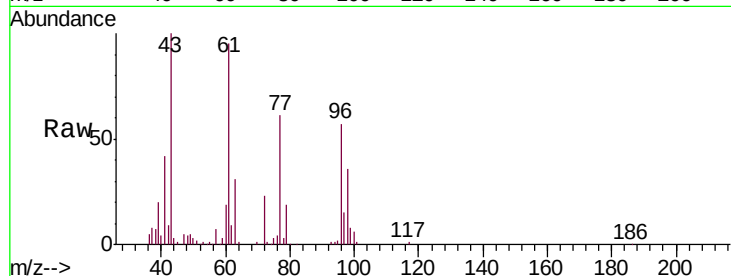
VW0908SBSD01

Tgt Ion: 43 Resp: 66587

Ion Ratio Lower Upper

43 100

72 22.7 18.0 27.0



#26

2,2-Dichloropropane

Concen: 19.759 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012764.D

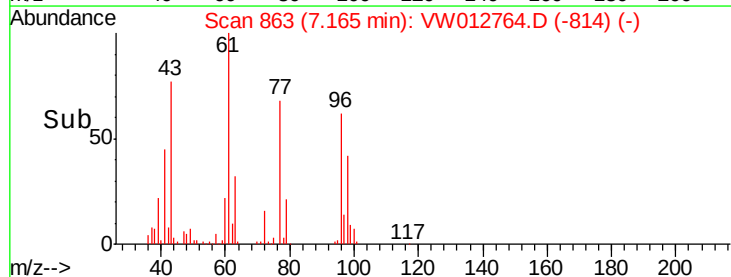
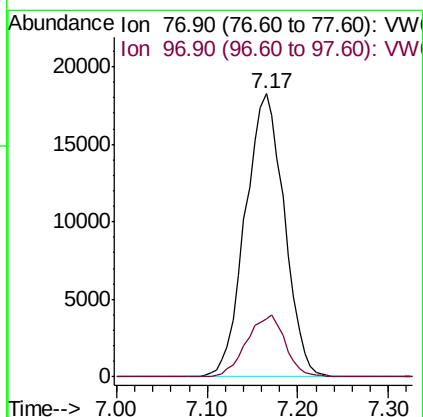
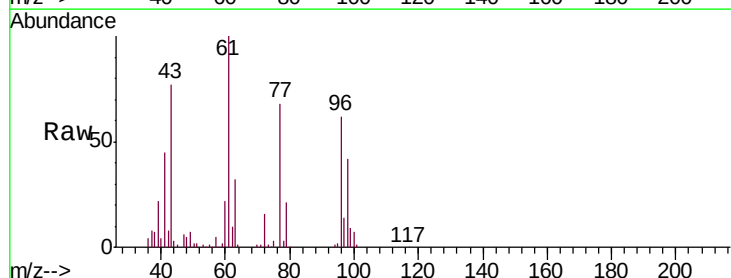
Acq: 08 Sep 2019 13:01

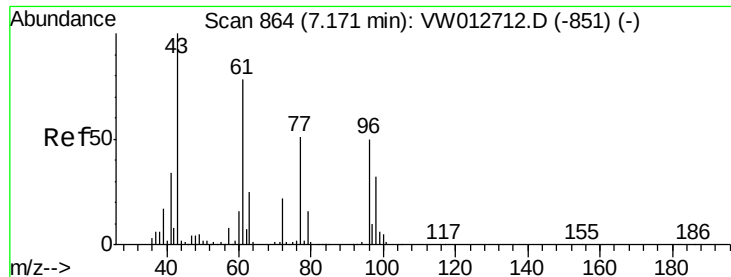
Tgt Ion: 77 Resp: 54431

Ion Ratio Lower Upper

77 100

97 21.5 10.7 32.1



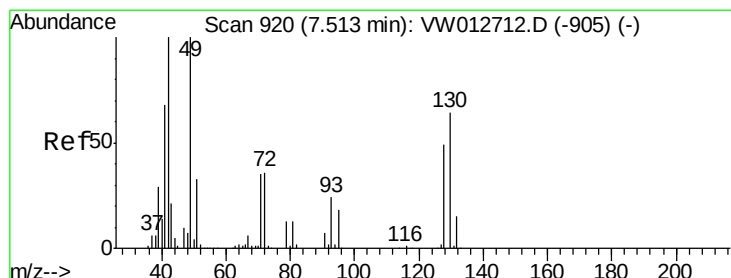
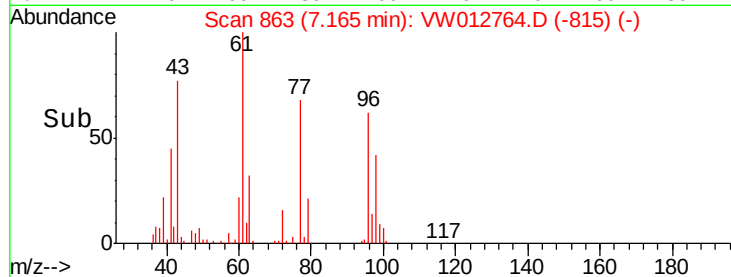
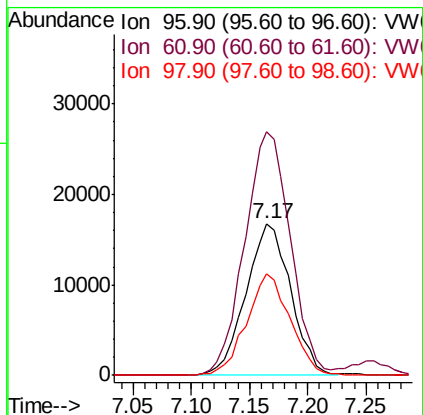
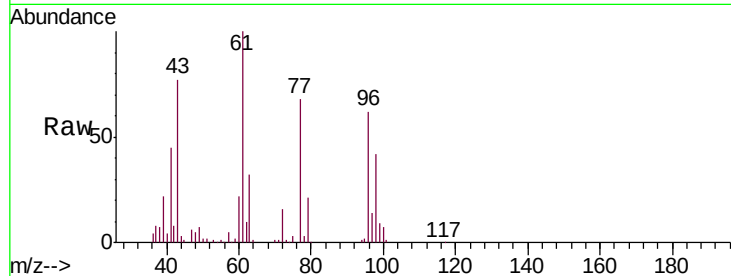


#27

cis-1,2-Dichloroethene
Concen: 19.089 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

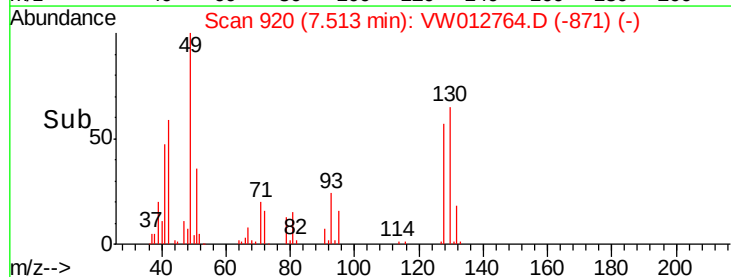
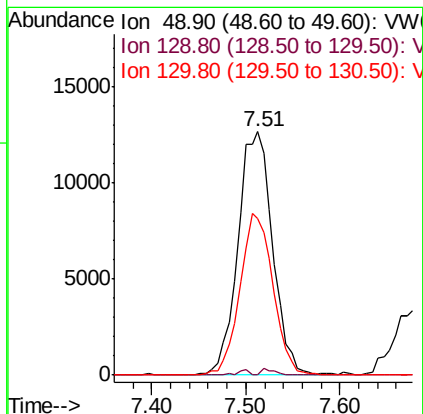
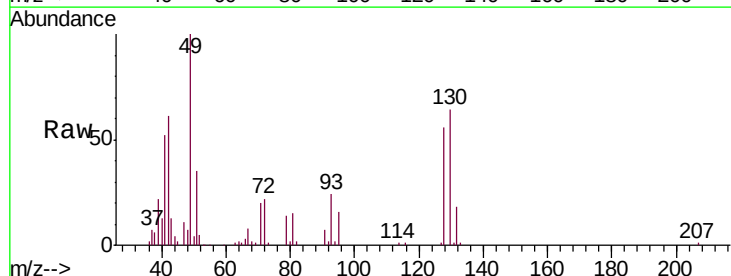
Tgt Ion: 96 Resp: 44589
Ion Ratio Lower Upper
96 100
61 164.0 0.0 325.8
98 65.1 0.0 127.0

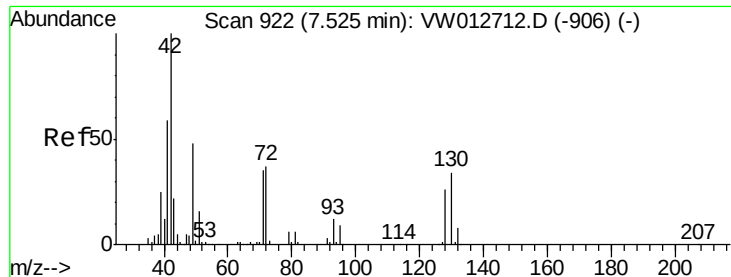


#28

Bromochloromethane
Concen: 16.231 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 49 Resp: 32507
Ion Ratio Lower Upper
49 100
129 0.9 0.0 0.8#
130 63.3 49.8 74.8

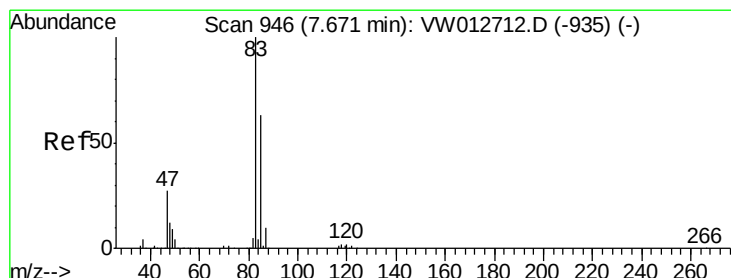
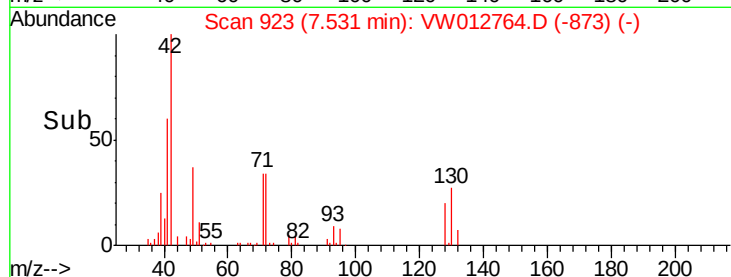
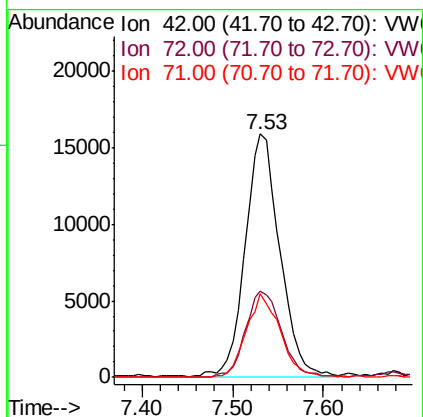
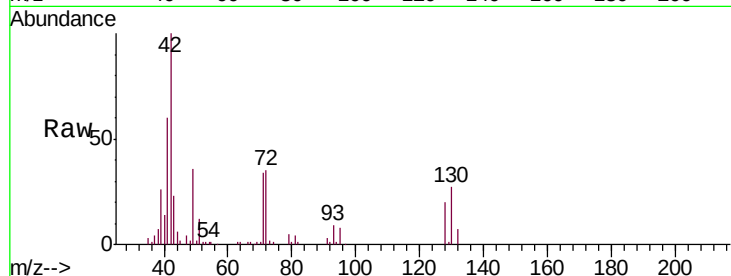




#29
Tetrahydrofuran
Concen: 70.820 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

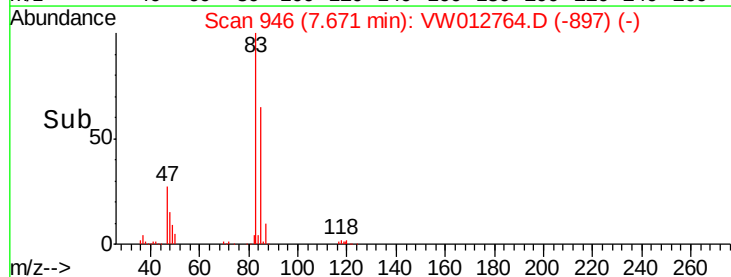
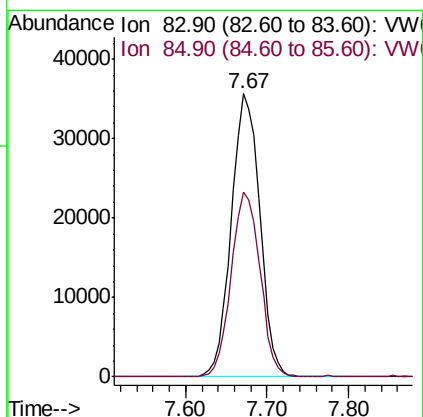
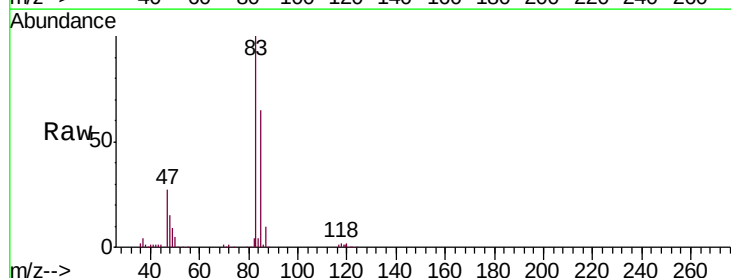
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

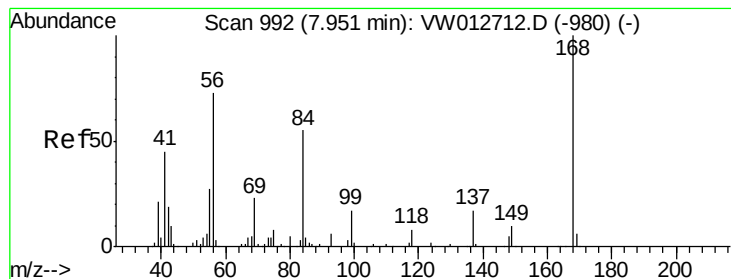
Tgt Ion: 42 Resp: 41648
Ion Ratio Lower Upper
42 100
72 37.0 28.4 42.6
71 34.1 27.1 40.7



#30
Chloroform
Concen: 19.920 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 83 Resp: 86107
Ion Ratio Lower Upper
83 100
85 65.5 50.6 76.0





#31

Cyclohexane

Concen: 20.863 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD01

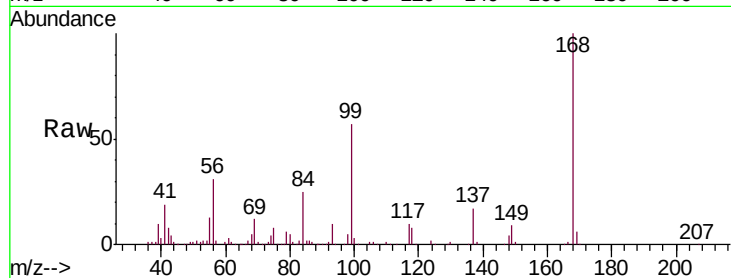
Tgt Ion: 56 Resp: 81923

Ion Ratio Lower Upper

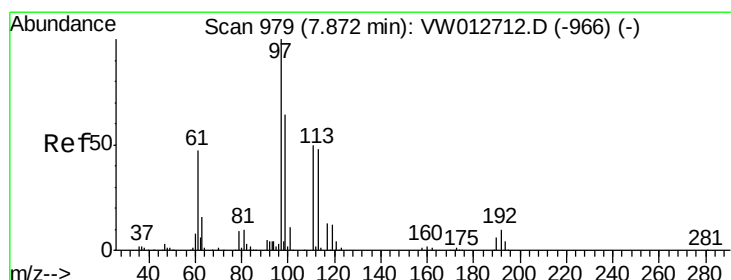
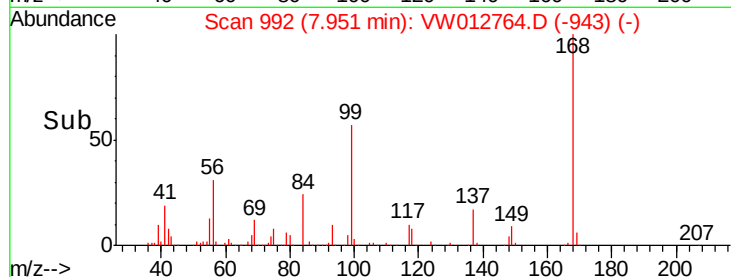
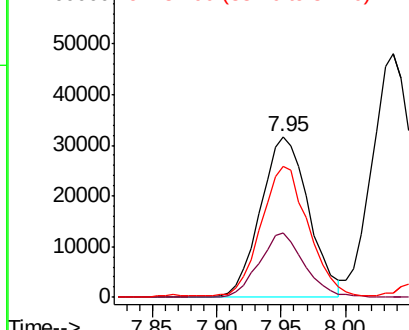
56 100

69 39.8 25.7 38.5#

84 80.2 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: 21.359 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

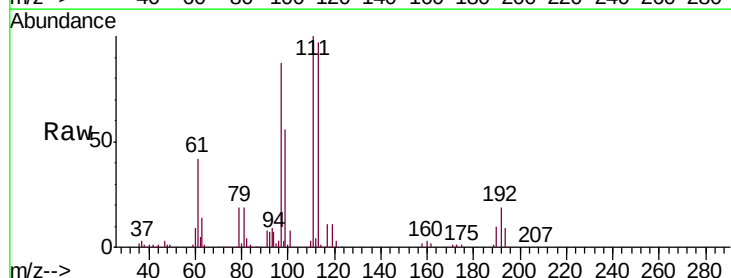
Tgt Ion: 97 Resp: 74840

Ion Ratio Lower Upper

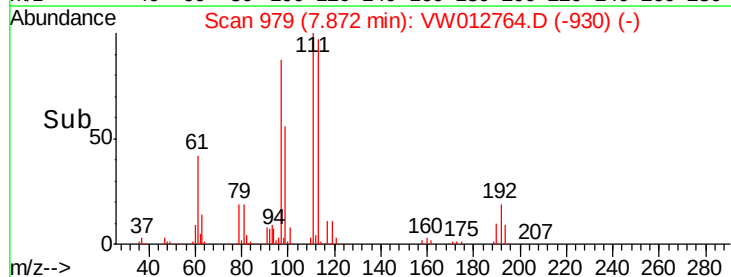
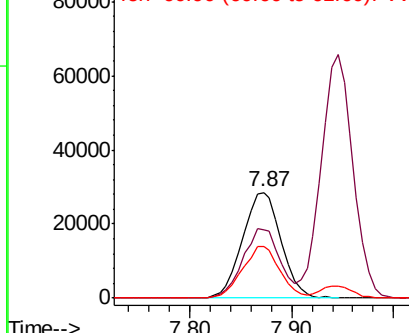
97 100

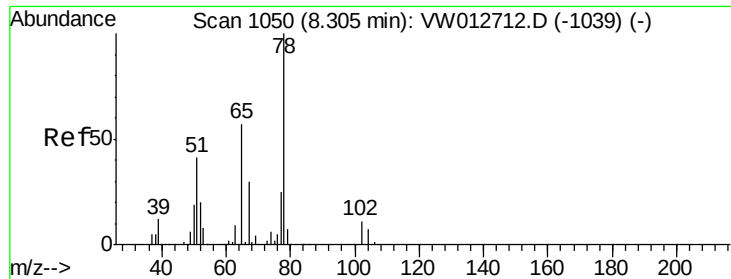
99 63.6 51.5 77.3

61 47.7 37.9 56.9



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

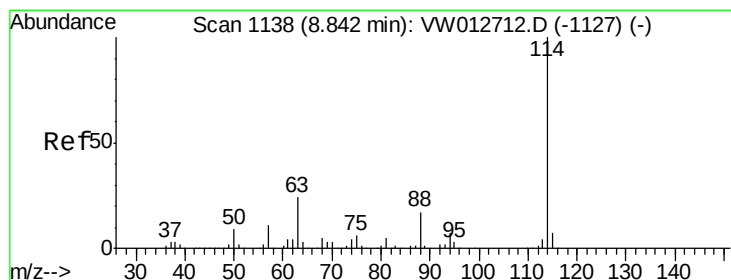
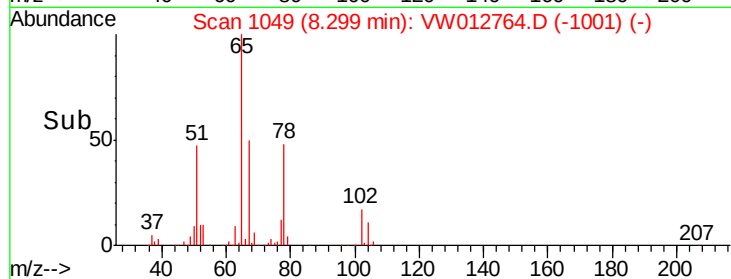
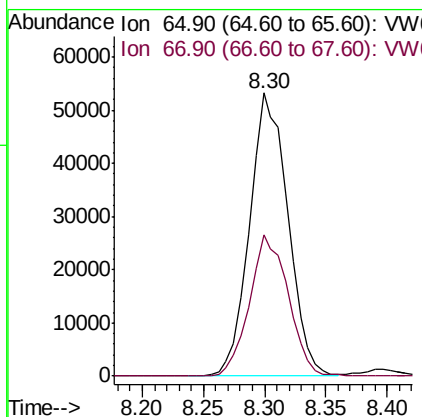
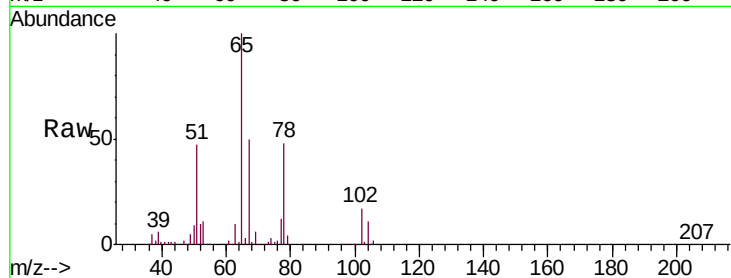




#33
 1,2-Dichloroethane-d4
 Concen: 43.439 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

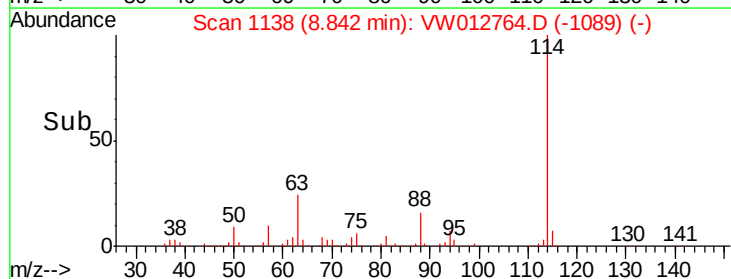
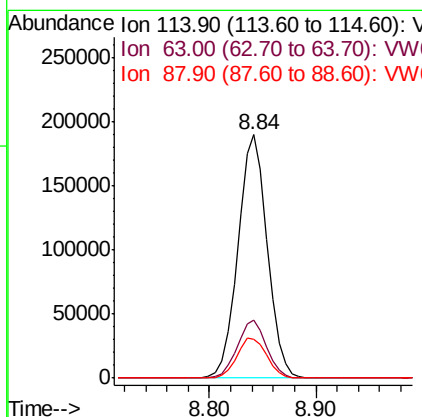
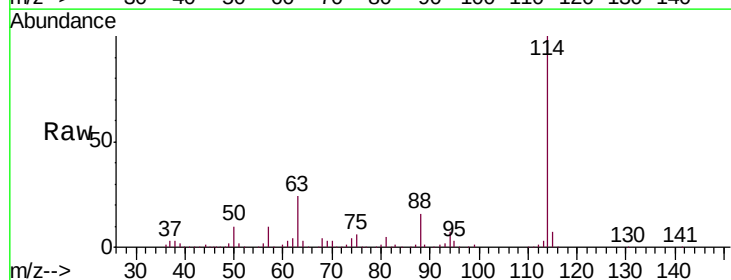
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

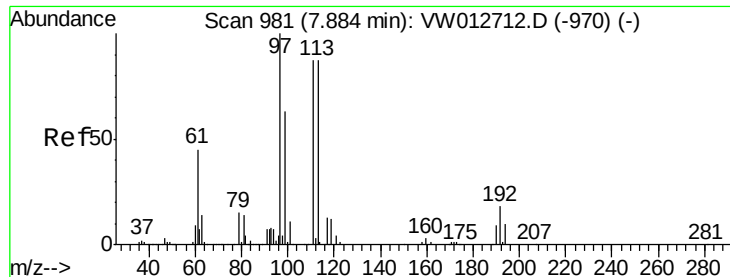
Tgt Ion: 65 Resp: 116037
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 114 Resp: 365645
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 43.442 ug/l

RT: 7.88 min Scan# 981

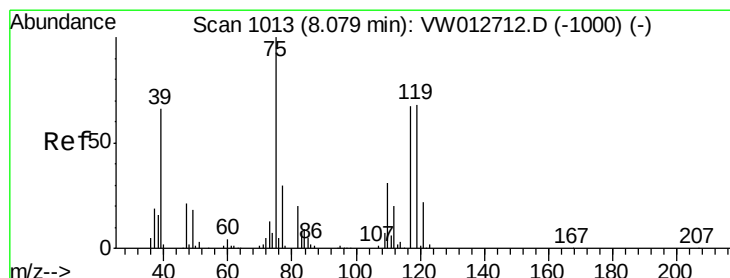
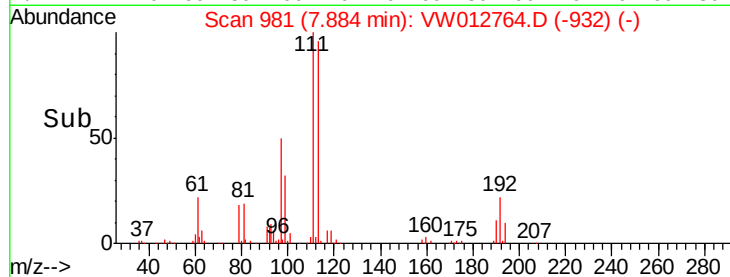
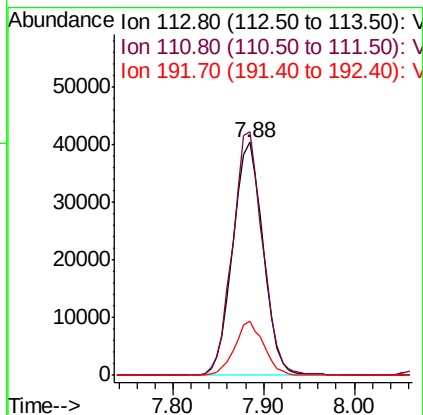
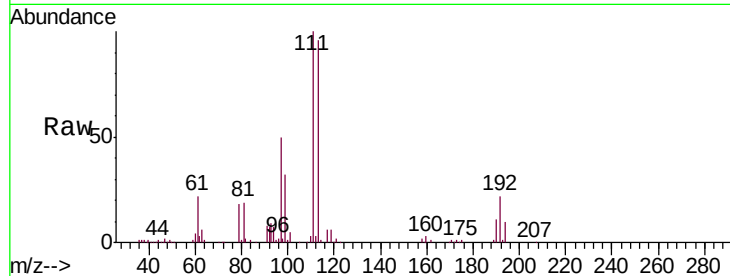
Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

Tgt Ion:	113	Resp:	94437
Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.2	120.4
192	22.0	17.3	25.9



#36

1,1-Dichloropropene

Concen: 20.920 ug/l

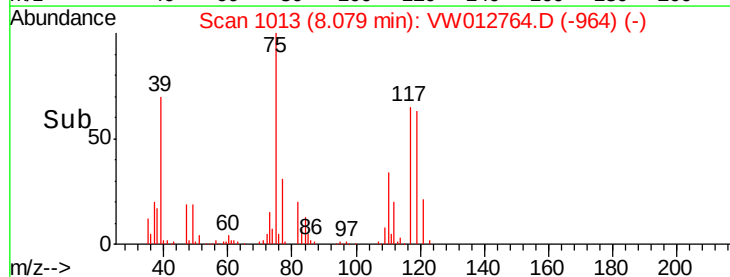
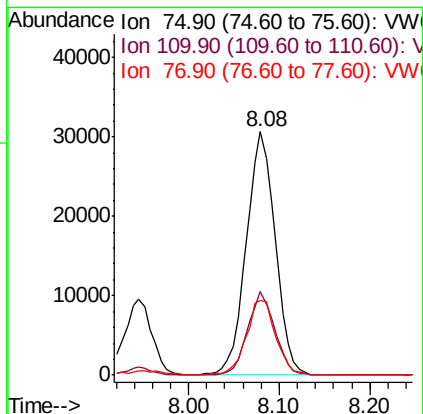
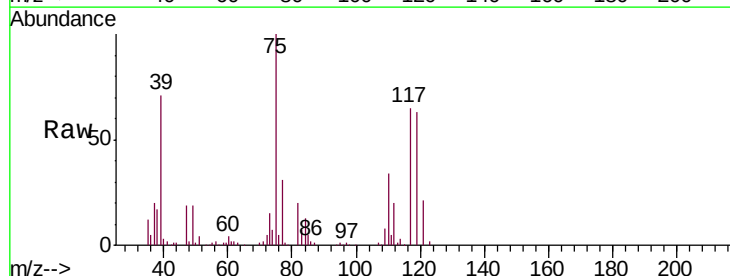
RT: 8.08 min Scan# 1013

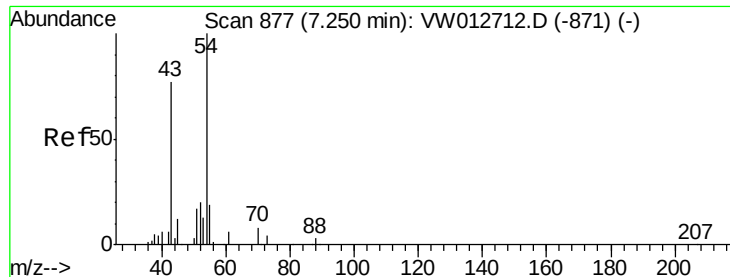
Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	75	Resp:	67967
Ion	Ratio	Lower	Upper
75	100		
110	32.2	15.9	47.7
77	31.3	25.0	37.4

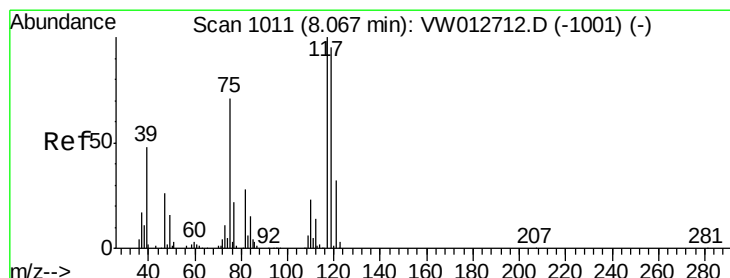
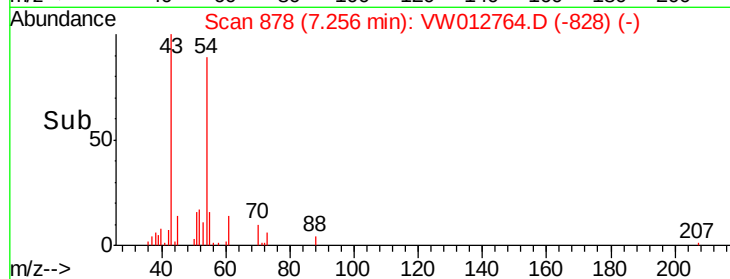
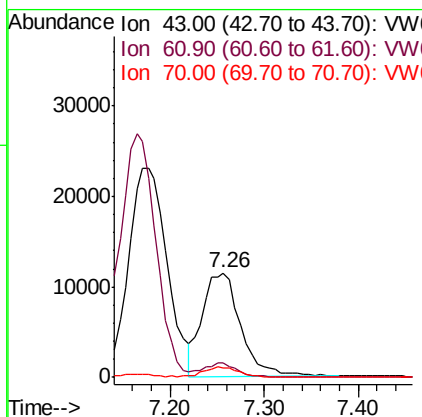
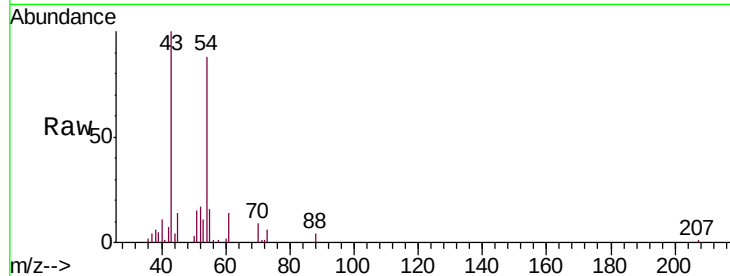




#37
Ethyl Acetate
Concen: 15.773 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

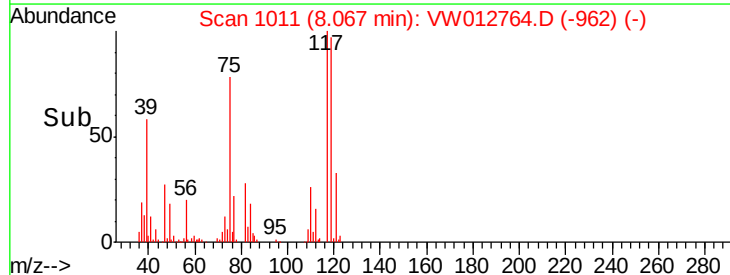
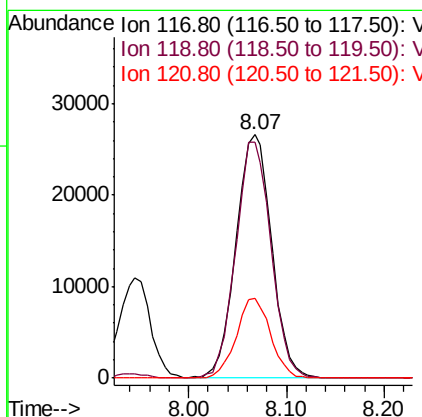
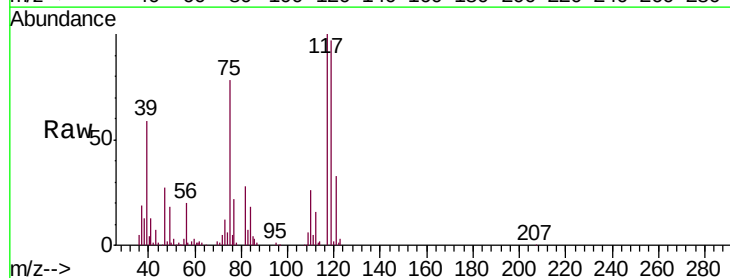
Instrument :
MSVOA_W
ClientSampled :
VW0908SBS01

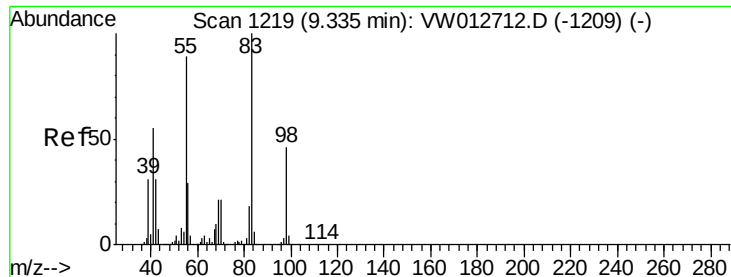
Tgt Ion: 43 Resp: 32667
Ion Ratio Lower Upper
43 100
61 12.3 9.5 14.3
70 8.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 21.013 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 117 Resp: 67294
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2
121 32.7 25.4 38.2

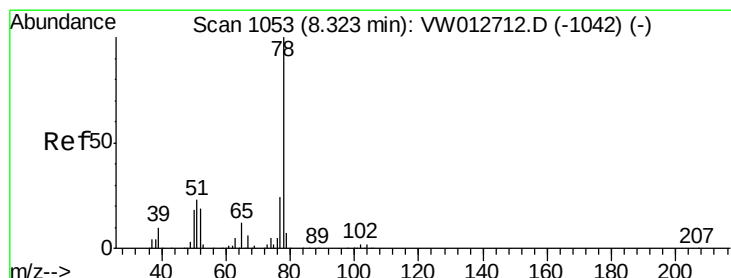
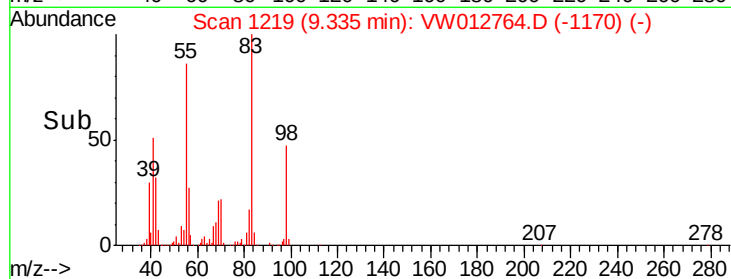
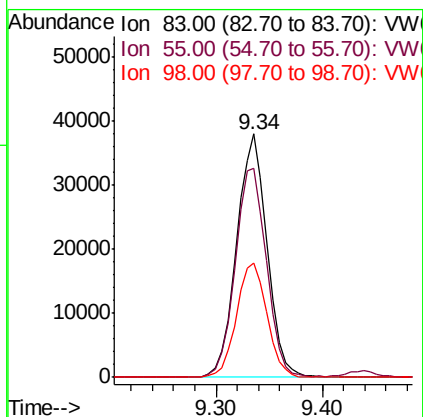
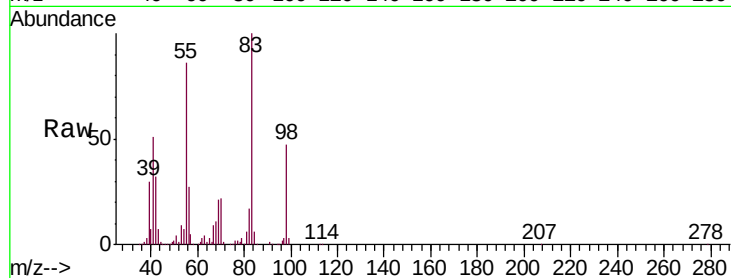




#39
Methylcyclohexane
Concen: 20.865 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

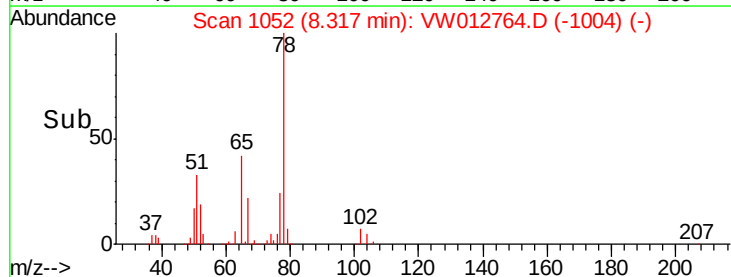
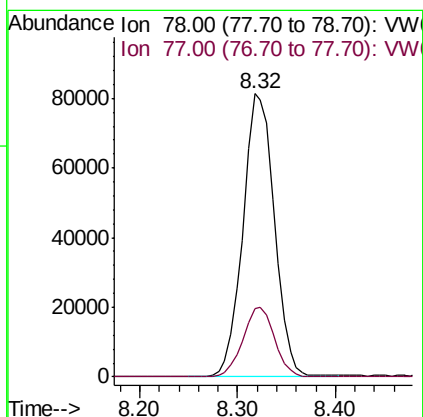
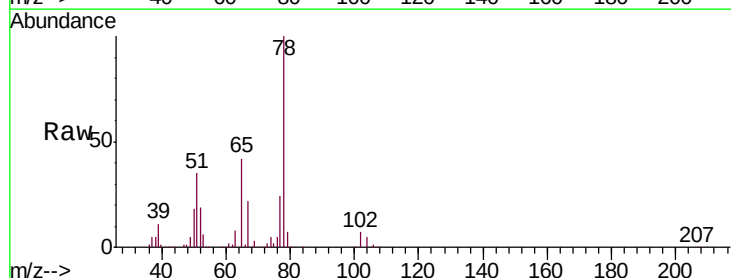
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

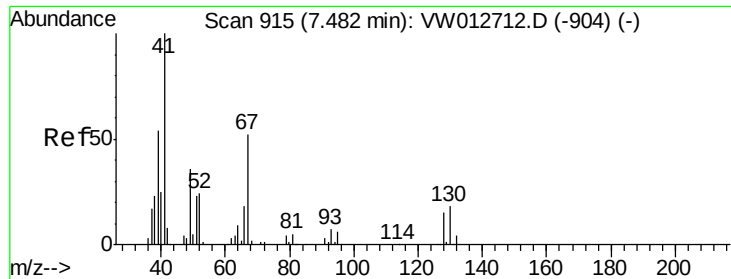
Tgt Ion: 83 Resp: 76134
Ion Ratio Lower Upper
83 100
55 85.8 71.0 106.4
98 47.1 36.9 55.3



#40
Benzene
Concen: 20.157 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 78 Resp: 181699
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

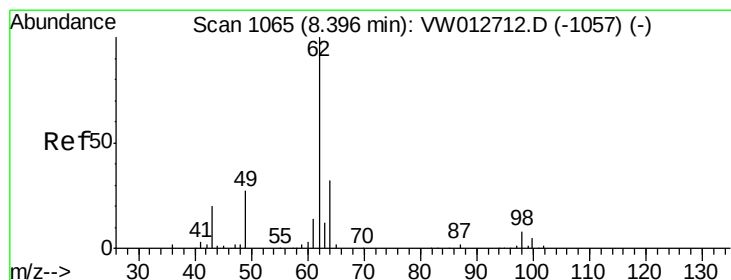
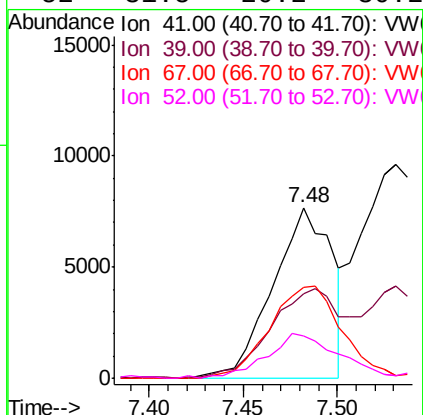
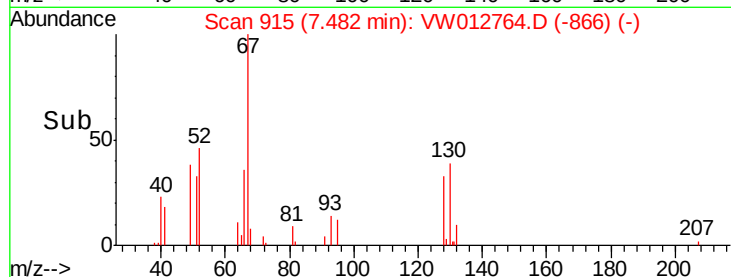
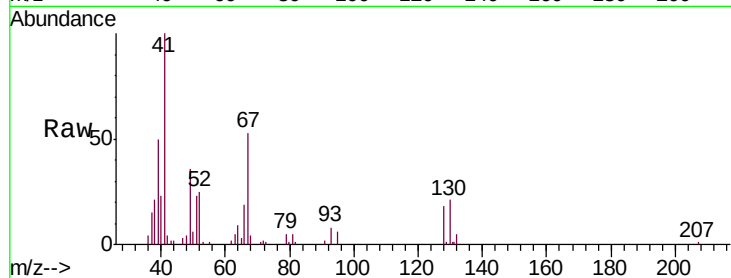




#41
Methacrylonitrile
Concen: 14.805 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

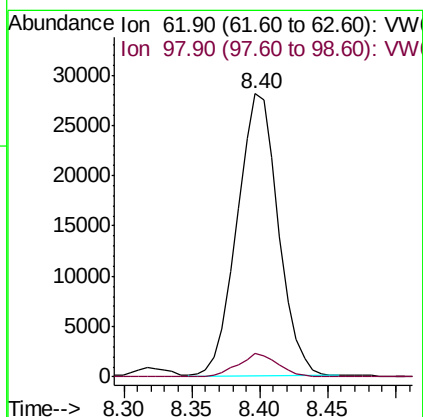
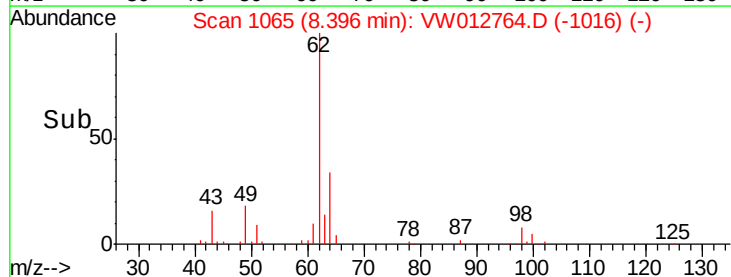
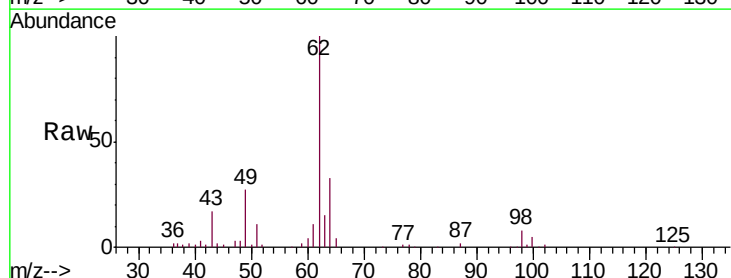
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

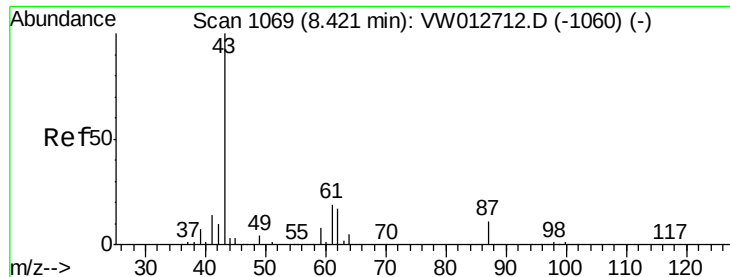
Tgt Ion: 41 Resp: 16722
Ion Ratio Lower Upper
41 100
39 63.2 47.5 71.3
67 66.2 45.1 67.7
52 31.5 20.2 30.2#



#42
1,2-Dichloroethane
Concen: 18.756 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 62 Resp: 59502
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.2





#43

Isopropyl Acetate

Concen: 15.790 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD01

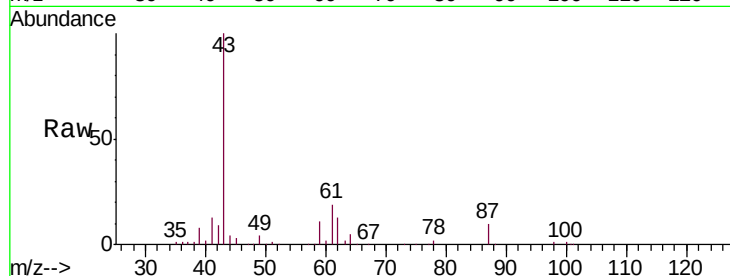
Tgt Ion: 43 Resp: 61954

Ion Ratio Lower Upper

43 100

61 28.0 20.6 30.8

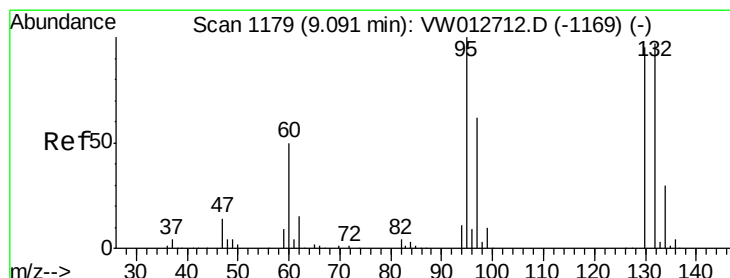
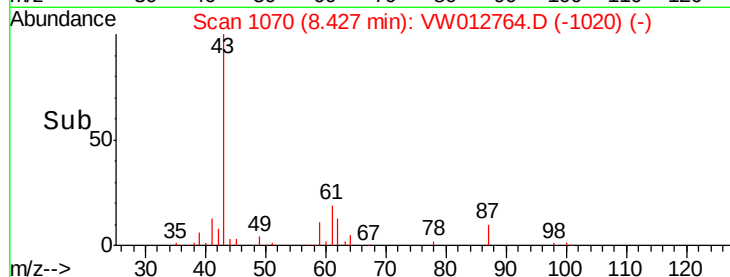
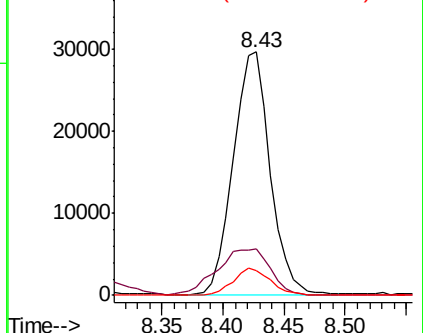
87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.015 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012764.D

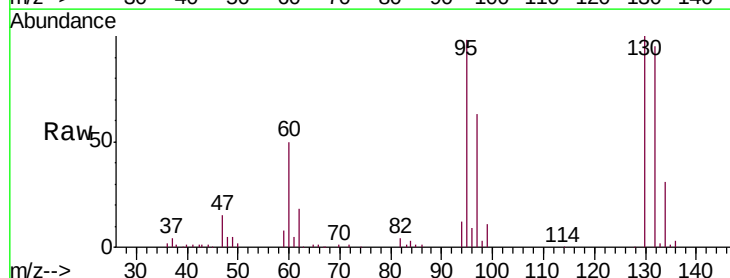
Acq: 08 Sep 2019 13:01

Tgt Ion: 130 Resp: 48829

Ion Ratio Lower Upper

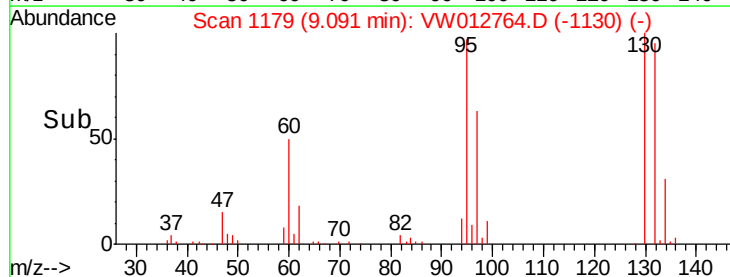
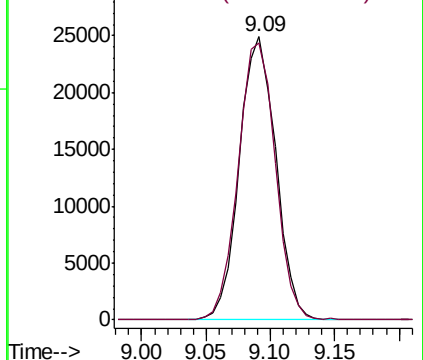
130 100

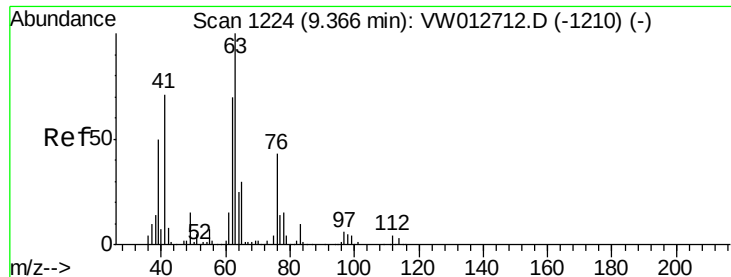
95 97.7 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

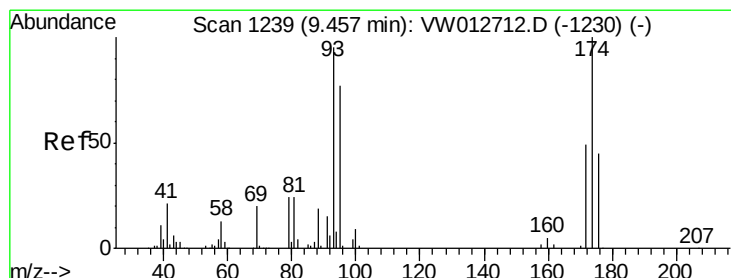
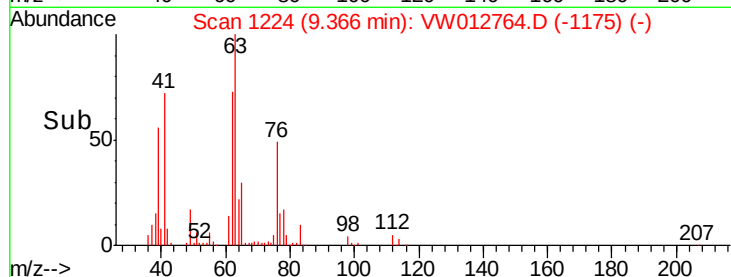
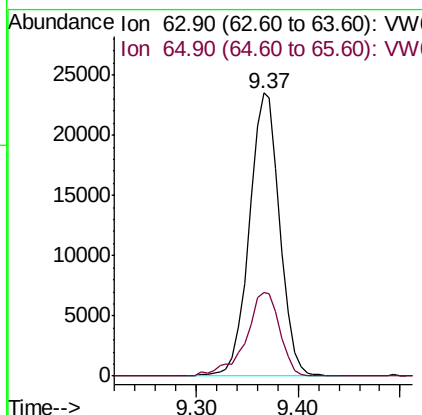
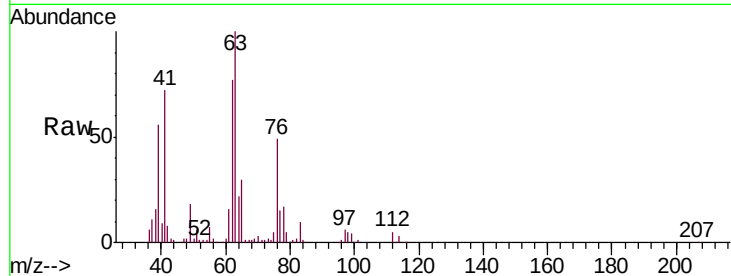




#45
 1,2-Dichloropropane
 Concen: 19.448 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

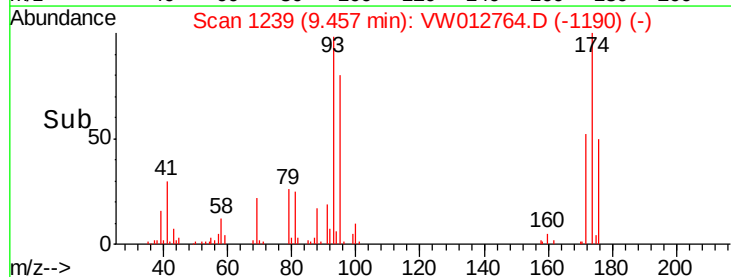
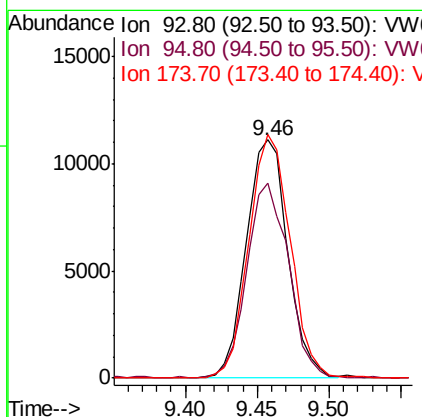
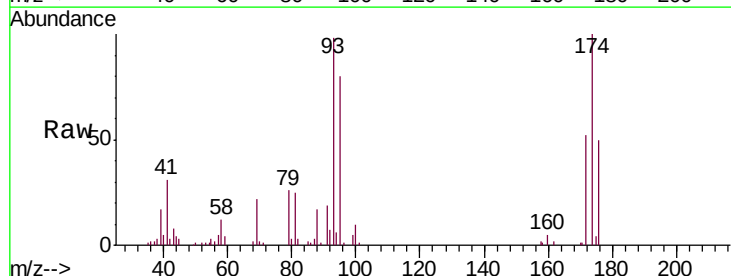
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

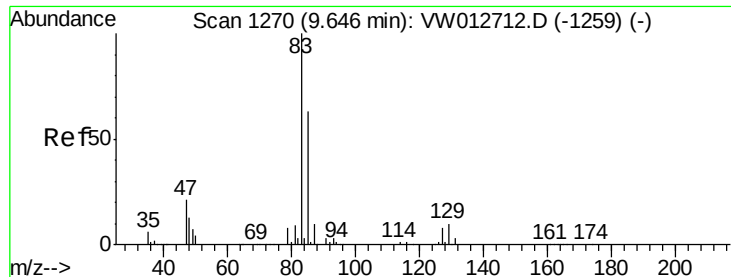
Tgt Ion: 63 Resp: 48622
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.8 35.8



#46
 Dibromomethane
 Concen: 18.649 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 93 Resp: 22078
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.2 97.8
 174 102.6 84.2 126.4

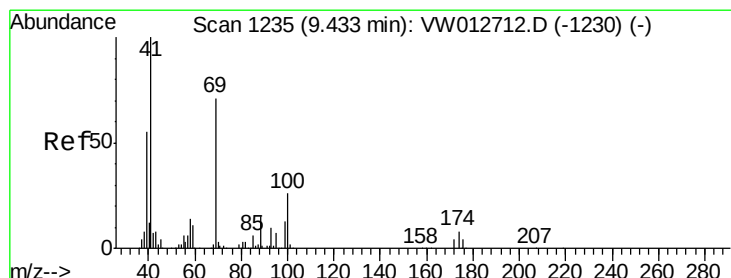
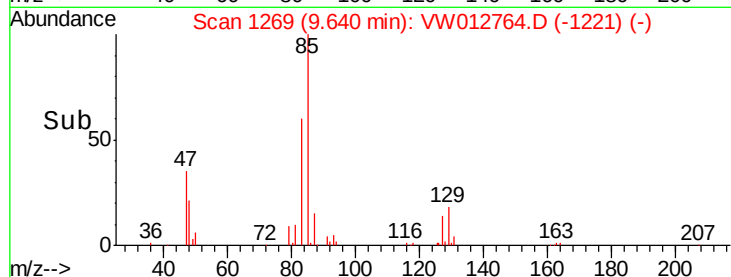
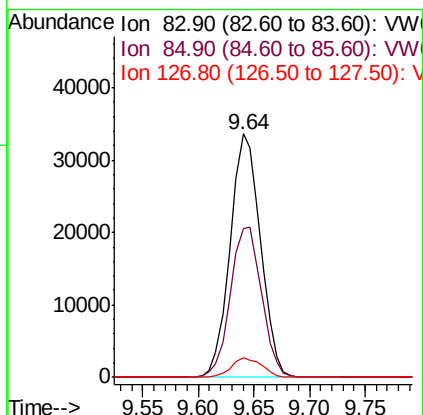
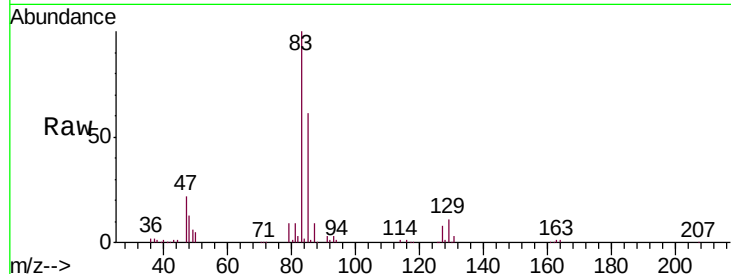




#47
 Bromodichloromethane
 Concen: 19.541 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

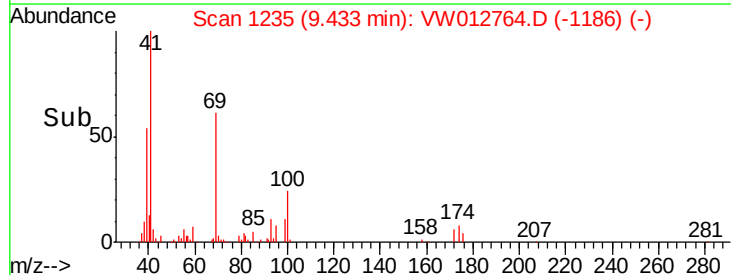
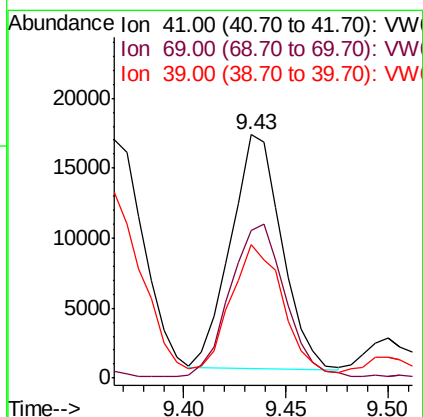
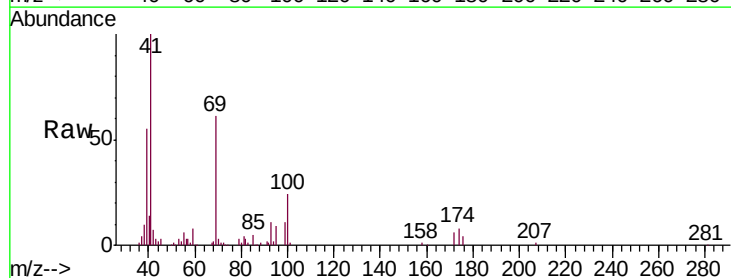
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

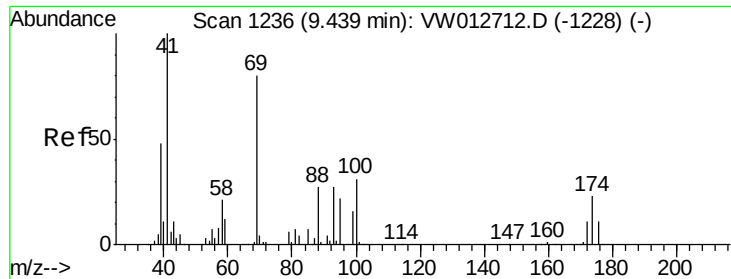
Tgt Ion: 83 Resp: 63648
 Ion Ratio Lower Upper
 83 100
 85 61.4 50.2 75.2
 127 8.3 6.6 9.8



#48
 Methyl methacrylate
 Concen: 15.588 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 41 Resp: 29229
 Ion Ratio Lower Upper
 41 100
 69 70.1 59.8 89.8
 39 54.5 47.0 70.6

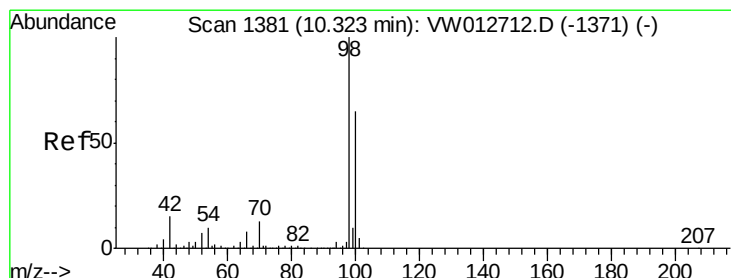
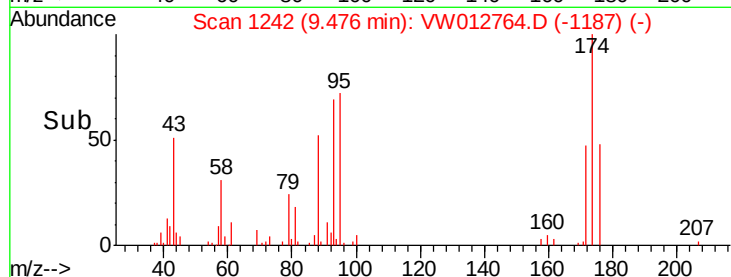
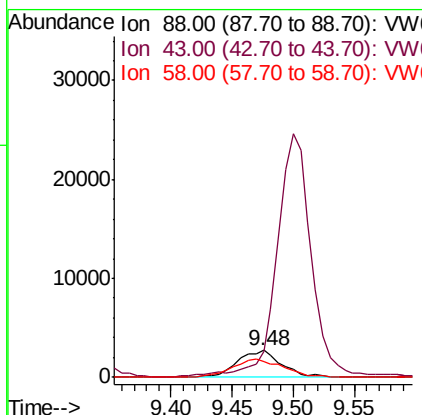
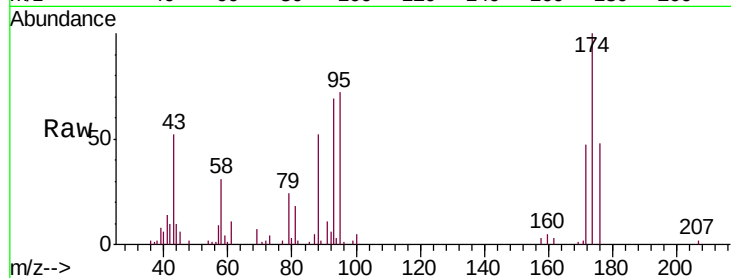




#49
1,4-Dioxane
Concen: 288.049 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

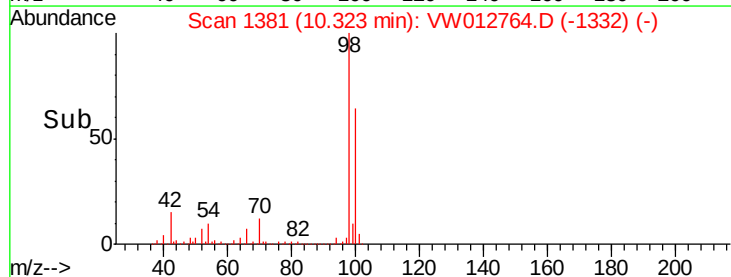
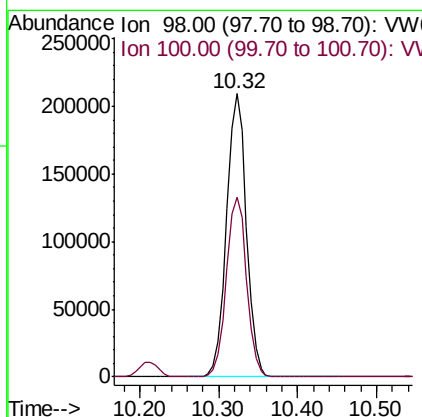
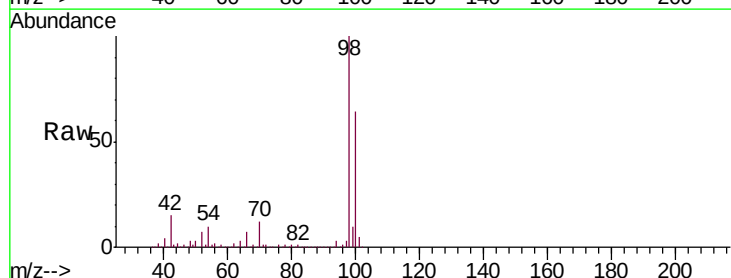
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

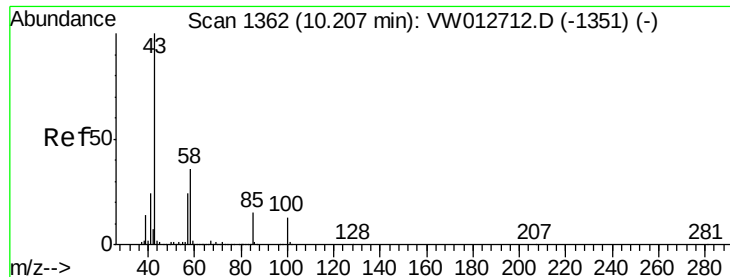
Tgt Ion: 88 Resp: 6736
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 79.8 64.1 96.1



#50
Toluene-d8
Concen: 42.901 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 98 Resp: 365372
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 77.254 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

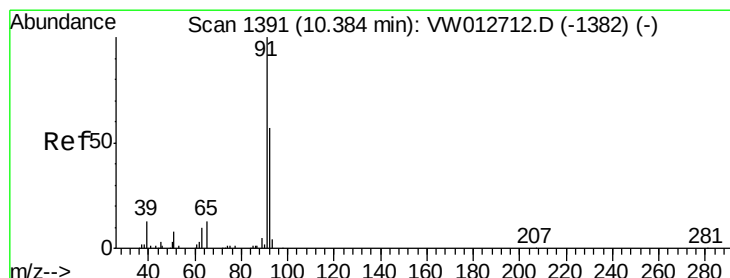
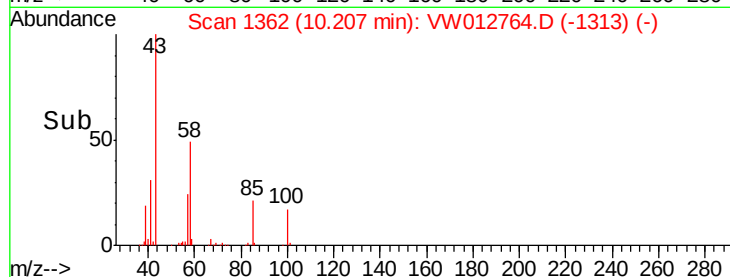
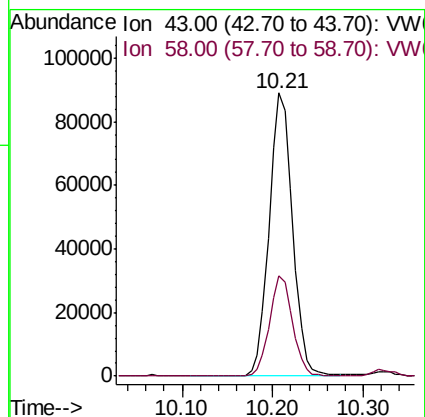
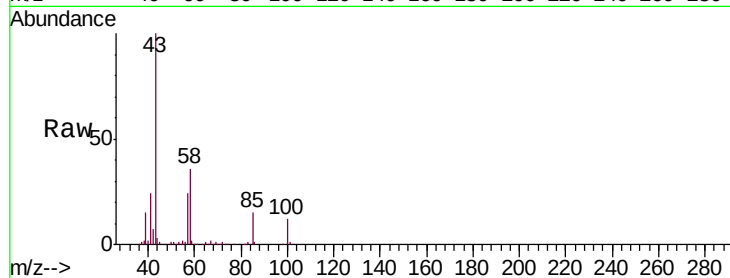
VW0908SBSD01

Tgt Ion: 43 Resp: 159059

Ion Ratio Lower Upper

43 100

58 35.0 28.4 42.6



#52

Toluene

Concen: 20.216 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW012764.D

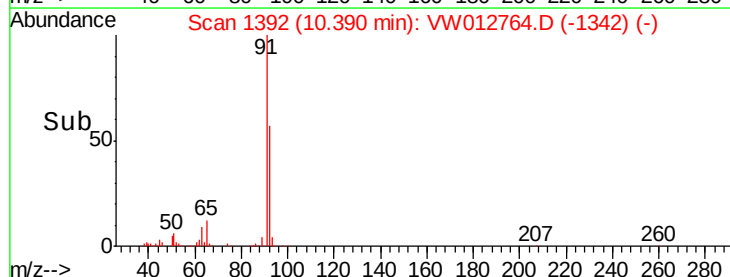
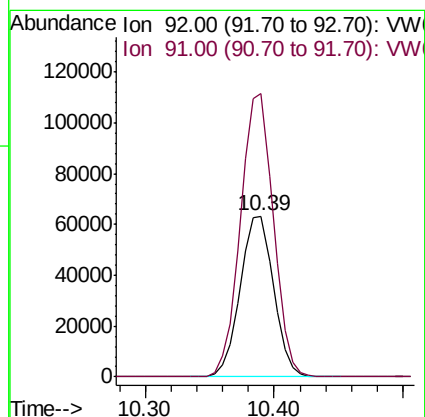
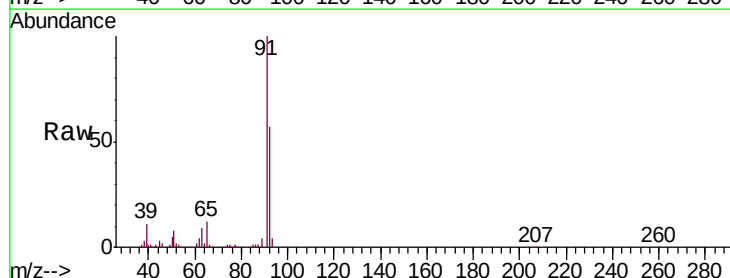
Acq: 08 Sep 2019 13:01

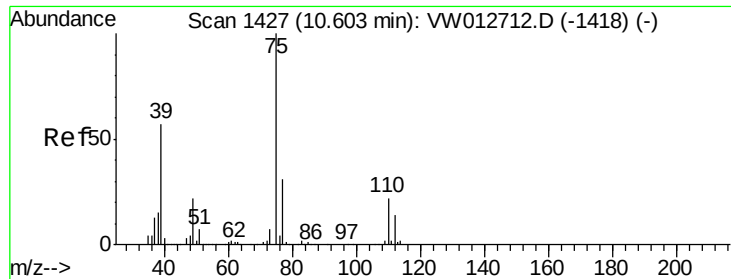
Tgt Ion: 92 Resp: 113737

Ion Ratio Lower Upper

92 100

91 173.2 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 17.818 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

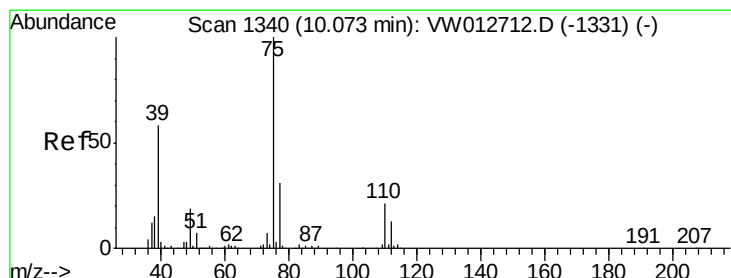
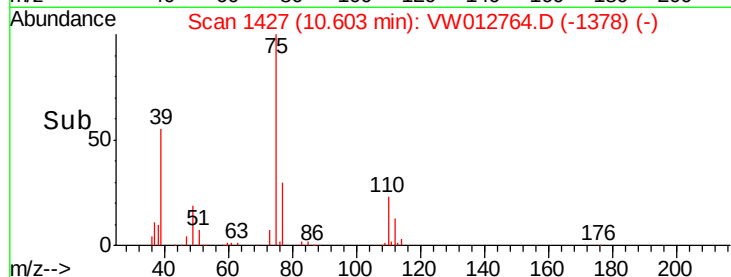
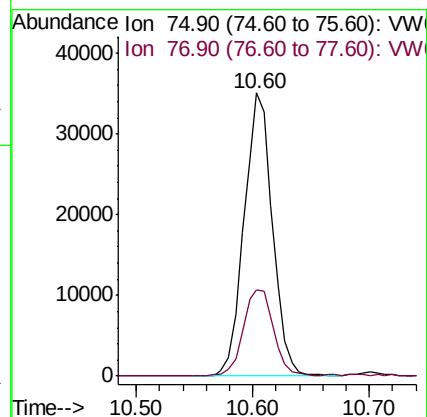
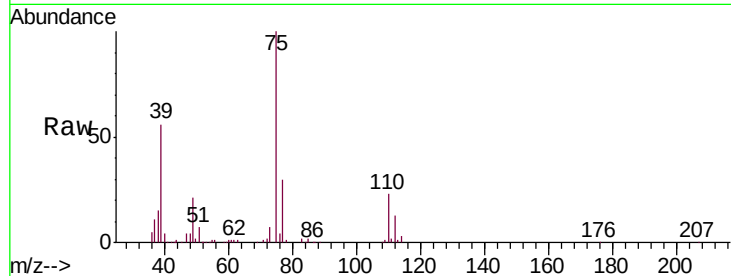
VW0908SBSD01

Tgt Ion: 75 Resp: 59675

Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 18.846 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

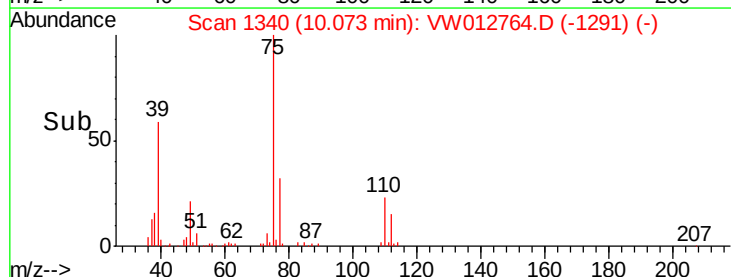
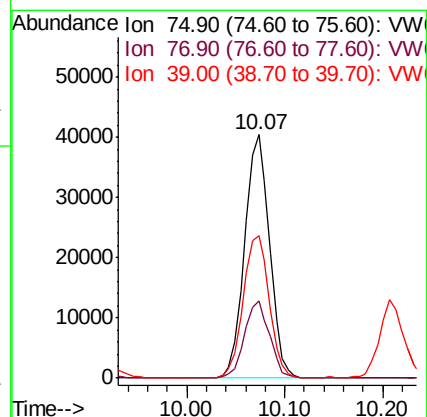
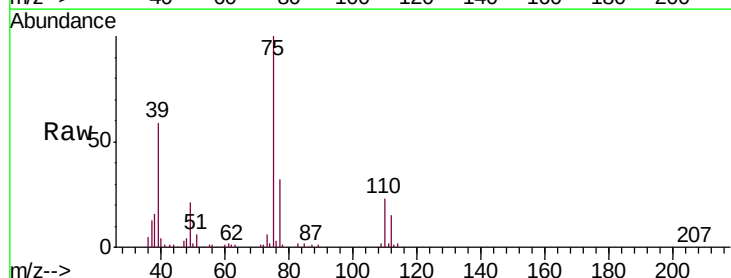
Tgt Ion: 75 Resp: 71603

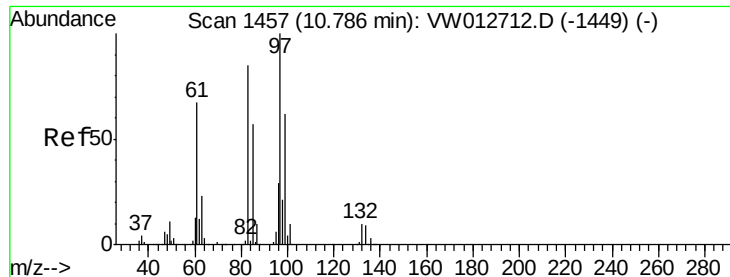
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 58.6 46.3 69.5

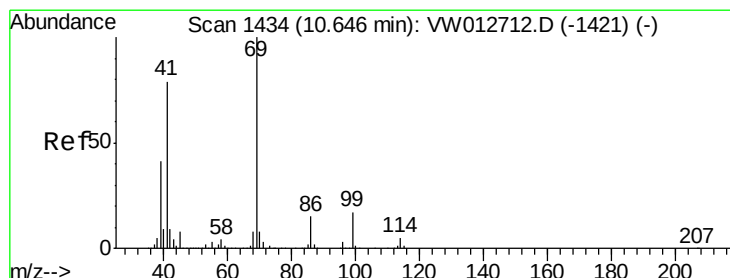
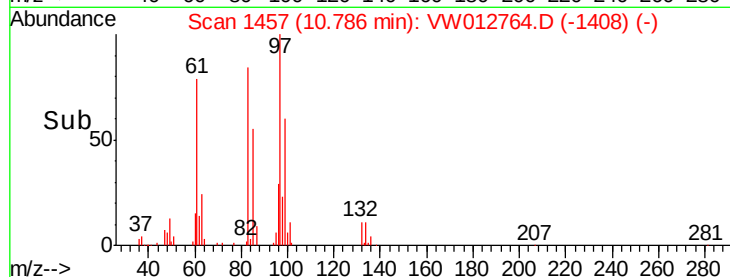
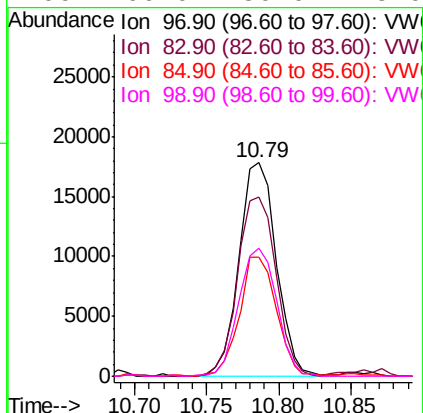
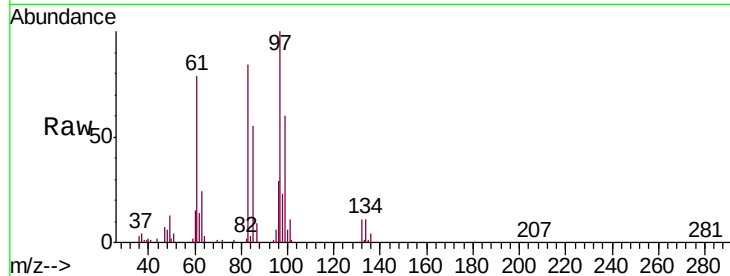




#55
 1,1,2-Trichloroethane
 Concen: 18.078 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

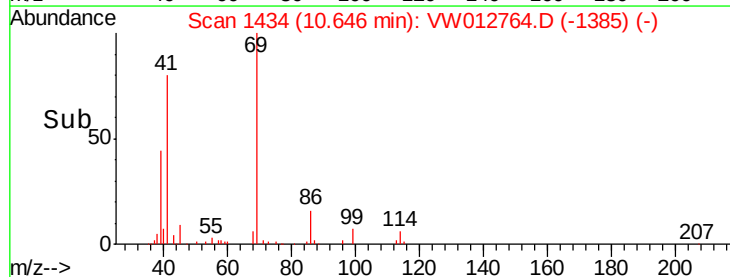
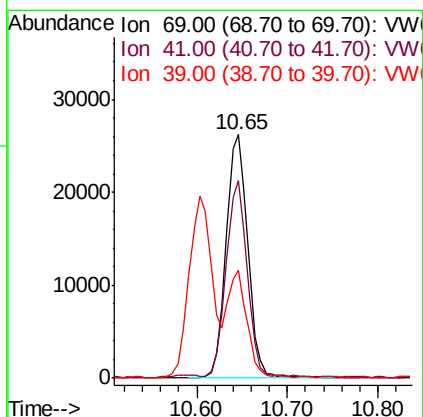
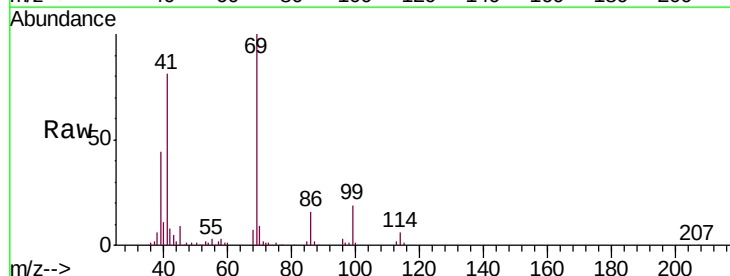
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

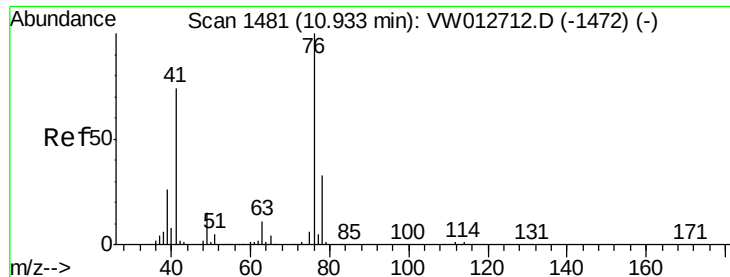
Tgt Ion:	97	Resp:	32042
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	55.5	45.3	67.9
99	60.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 16.797 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion:	69	Resp:	43580
Ion	Ratio	Lower	Upper
69	100		
41	78.0	64.4	96.6
39	38.5	31.1	46.7

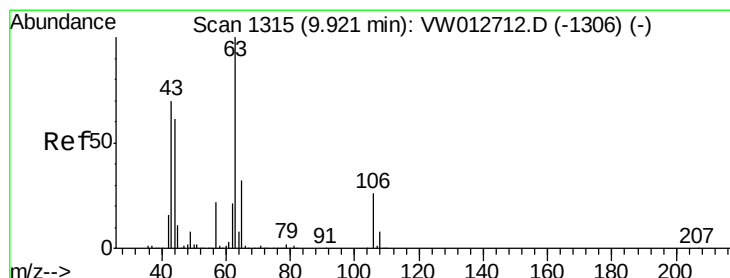
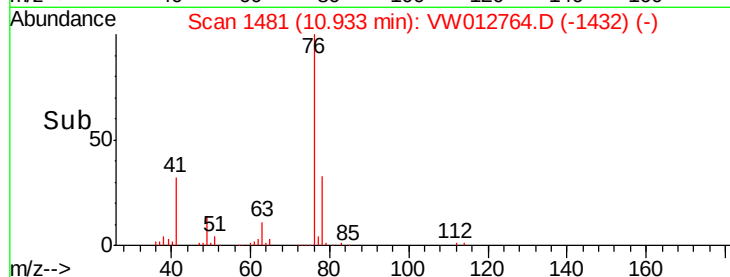
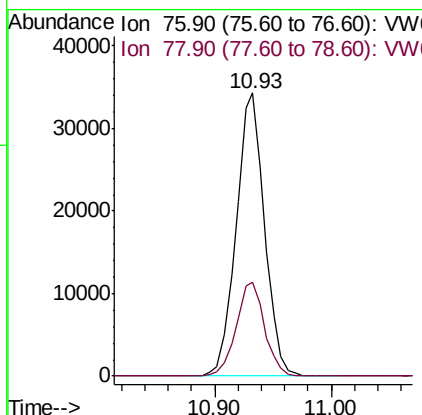
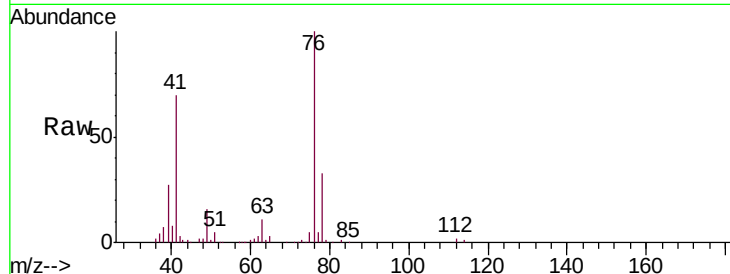




#57
 1,3-Dichloropropane
 Concen: 17.624 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

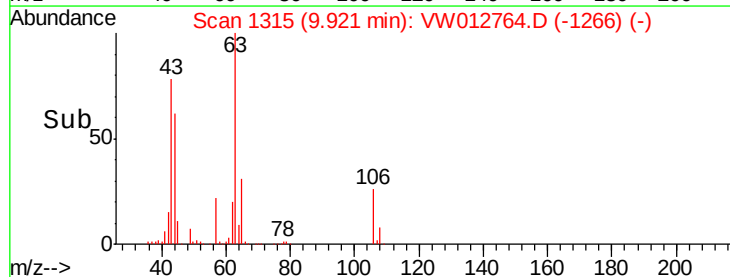
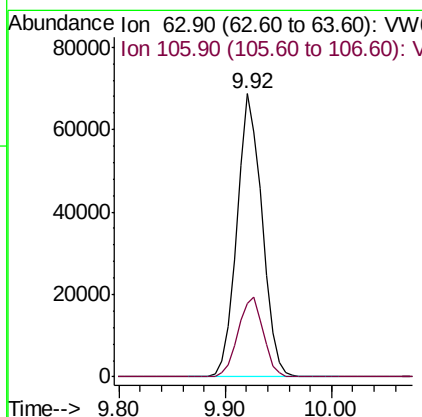
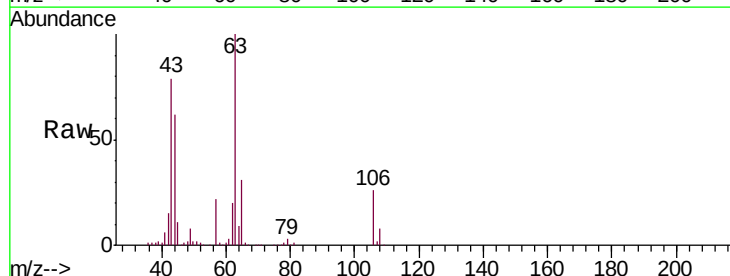
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

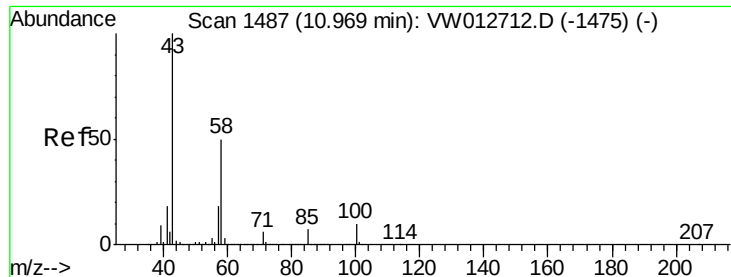
Tgt Ion: 76 Resp: 57789
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.853 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 63 Resp: 114116
 Ion Ratio Lower Upper
 63 100
 106 28.6 20.5 30.7

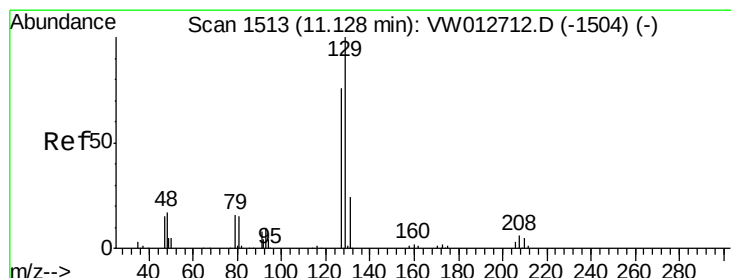
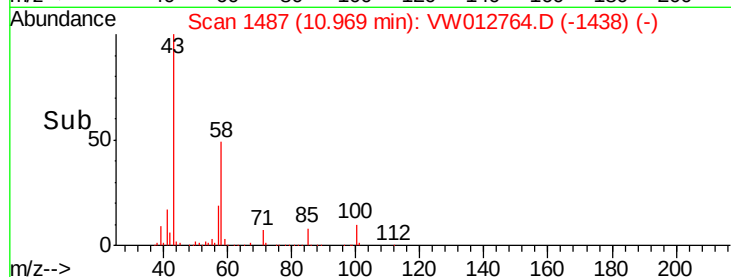
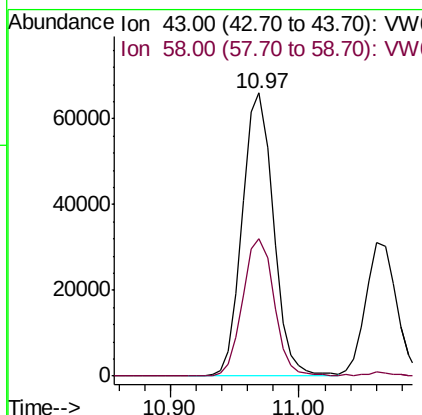
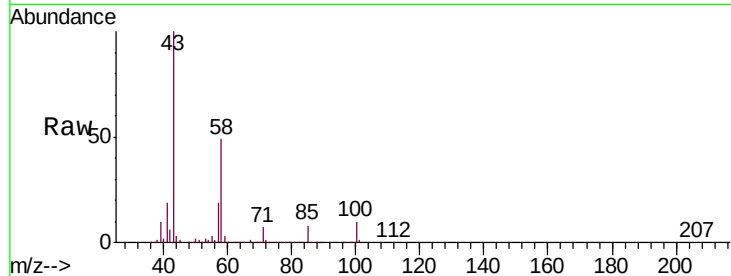




#59
2-Hexanone
Concen: 73.480 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

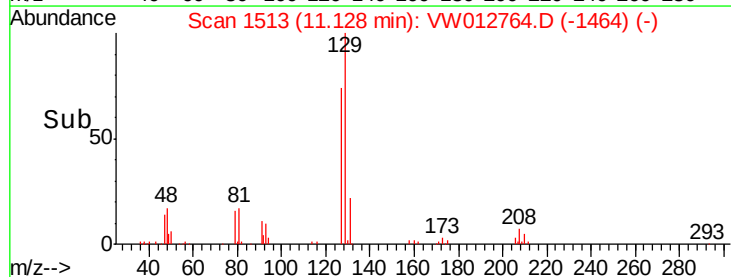
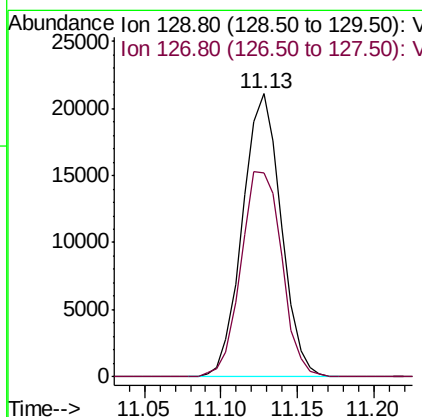
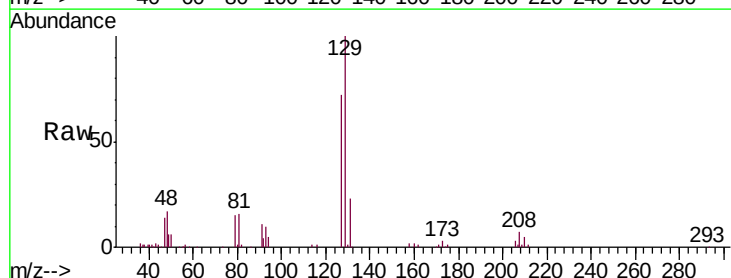
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

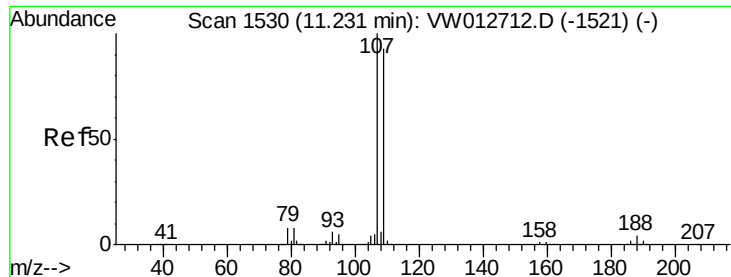
Tgt Ion: 43 Resp: 110528
Ion Ratio Lower Upper
43 100
58 49.1 24.7 74.1



#60
Dibromochloromethane
Concen: 17.781 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 129 Resp: 37064
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8

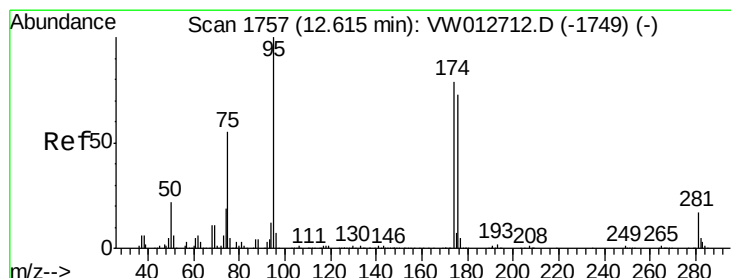
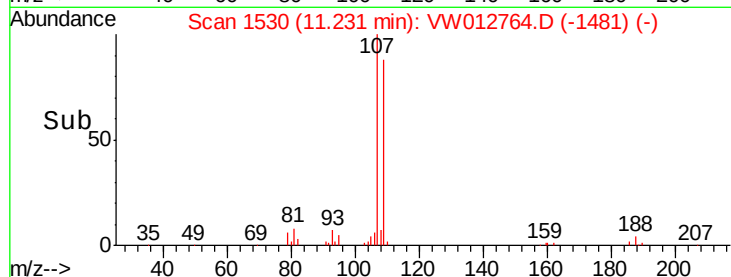
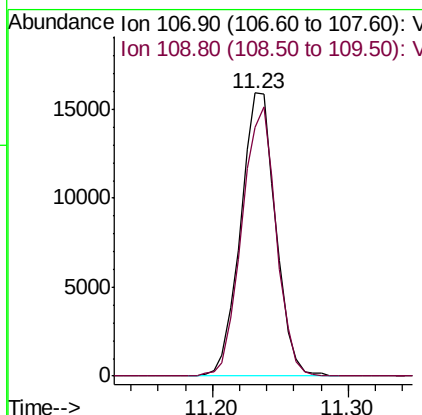
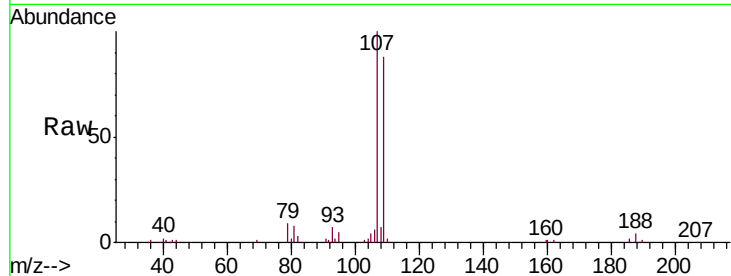




#61
 1,2-Dibromoethane
 Concen: 17.600 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

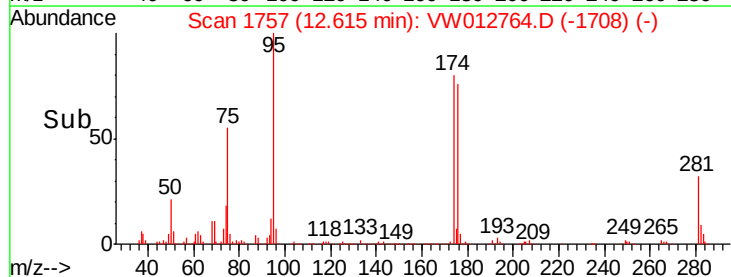
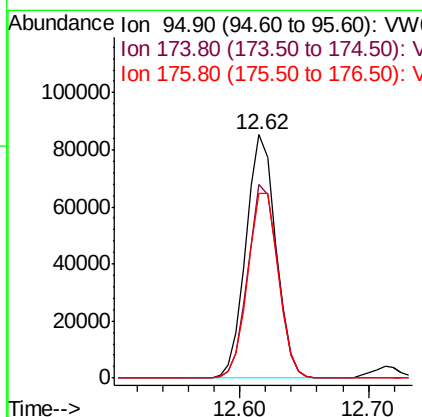
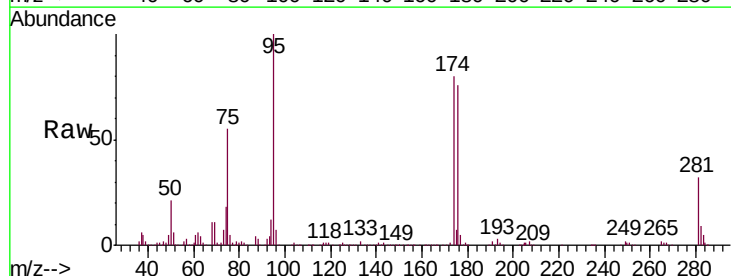
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

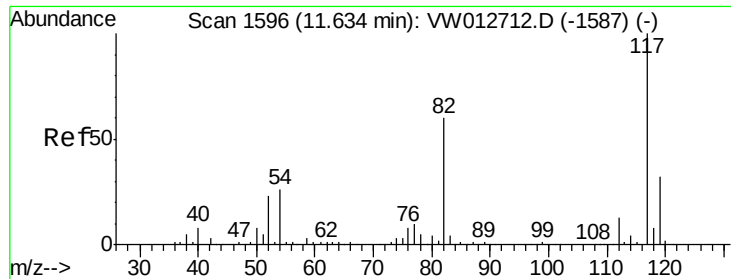
Tgt Ion: 107 Resp: 28599
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 44.093 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 95 Resp: 136326
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 161.0
 176 77.8 0.0 156.4

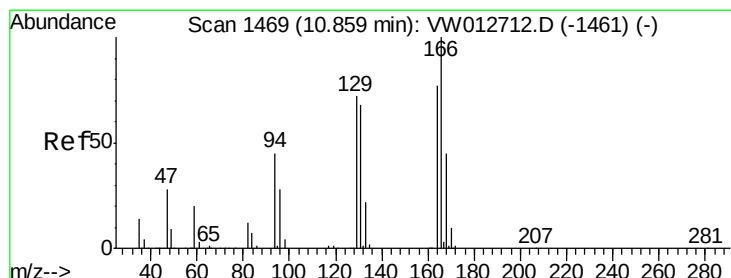
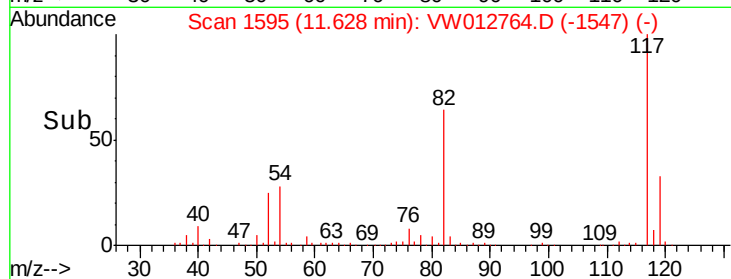
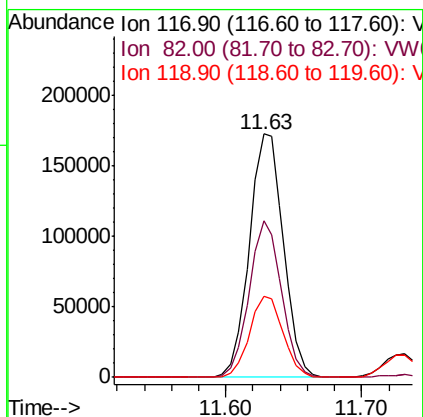
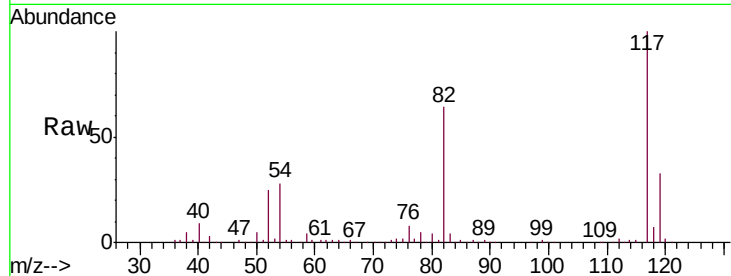




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

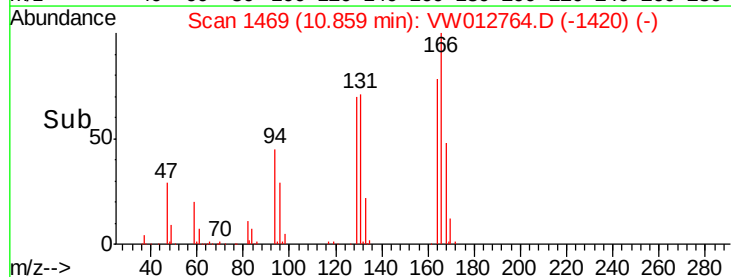
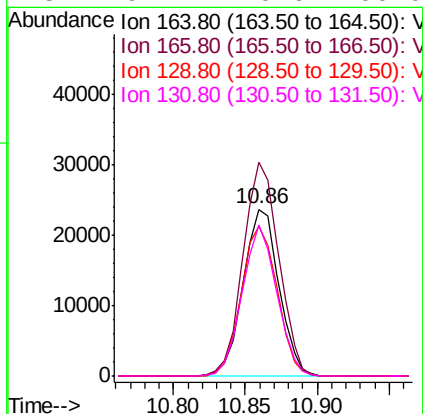
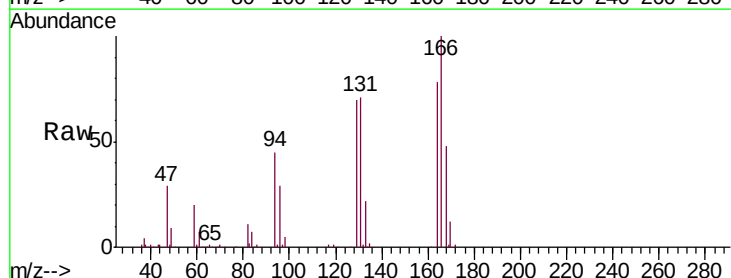
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

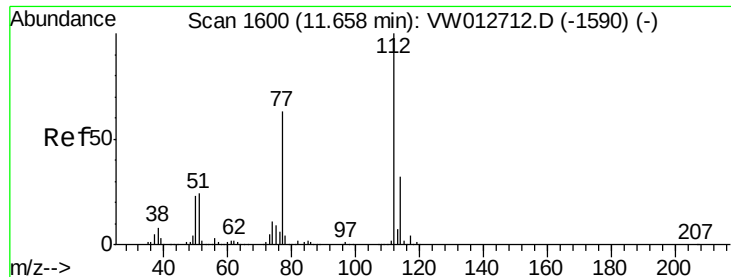
Tgt Ion:117 Resp: 302938
Ion Ratio Lower Upper
117 100
82 64.1 48.2 72.4
119 33.2 25.8 38.6



#64
Tetrachloroethene
Concen: 22.076 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion:164 Resp: 40579
Ion Ratio Lower Upper
164 100
166 128.3 103.6 155.4
129 90.3 74.6 112.0
131 91.1 70.6 106.0





#65

Chlorobenzene

Concen: 20.515 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

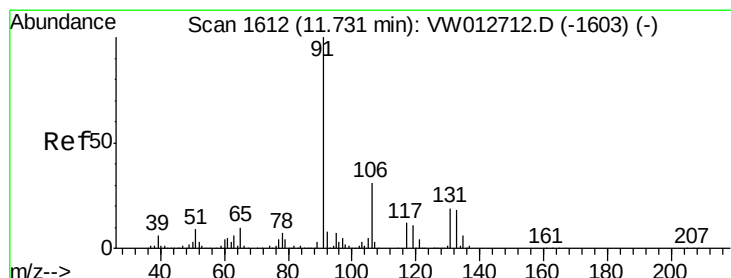
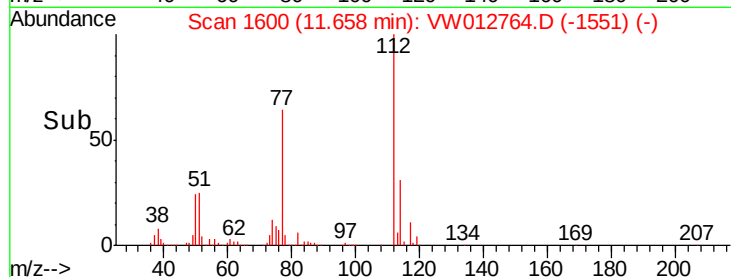
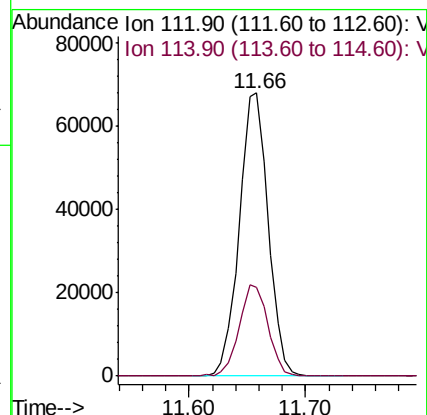
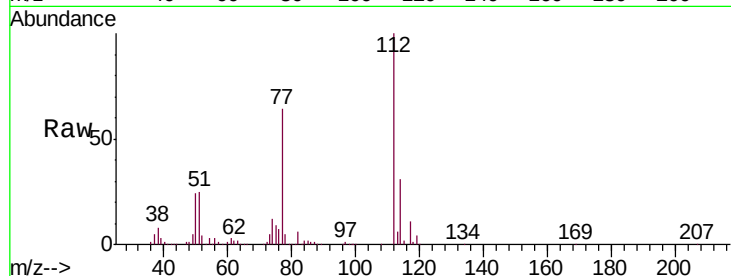
VW0908SBSD01

Tgt Ion:112 Resp: 117463

Ion Ratio Lower Upper

112 100

114 31.5 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.751 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

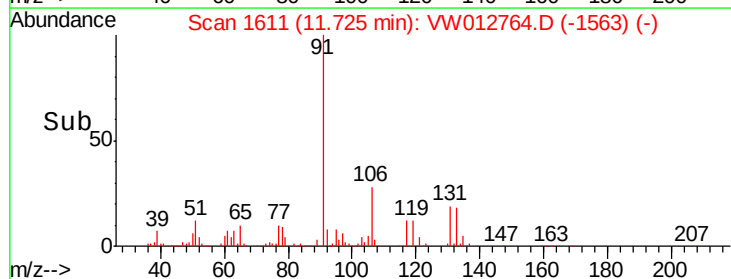
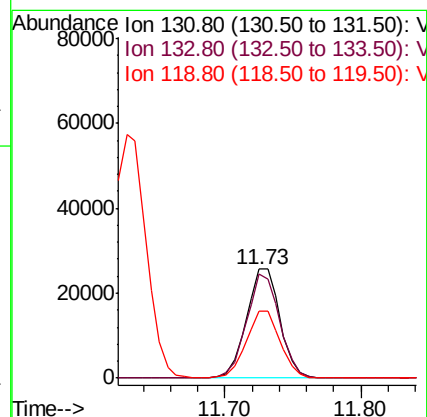
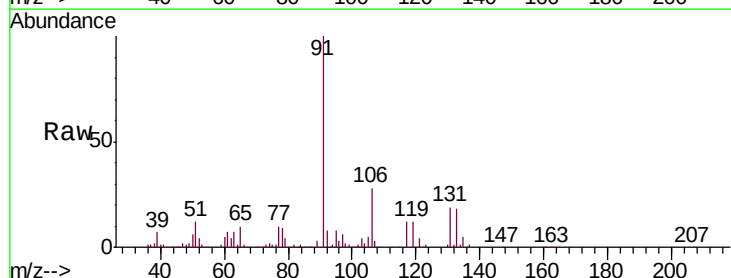
Tgt Ion:131 Resp: 44246

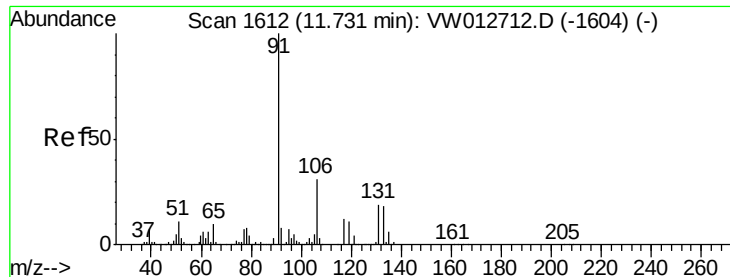
Ion Ratio Lower Upper

131 100

133 94.4 47.6 142.8

119 62.3 30.6 92.0

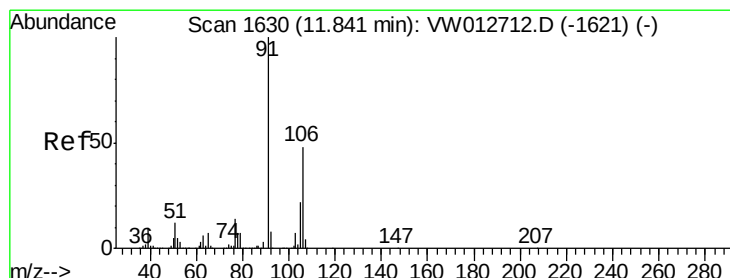
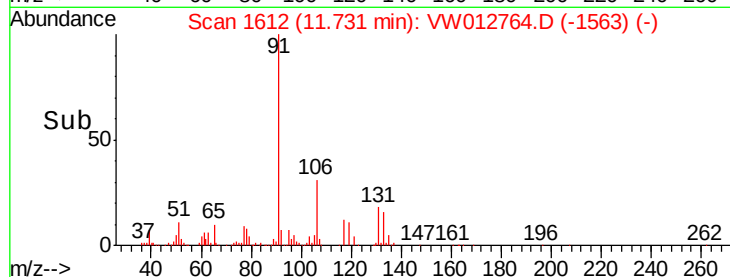
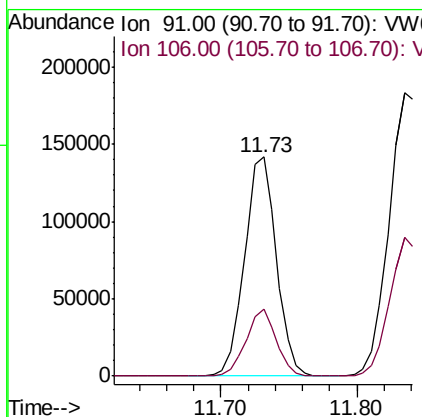
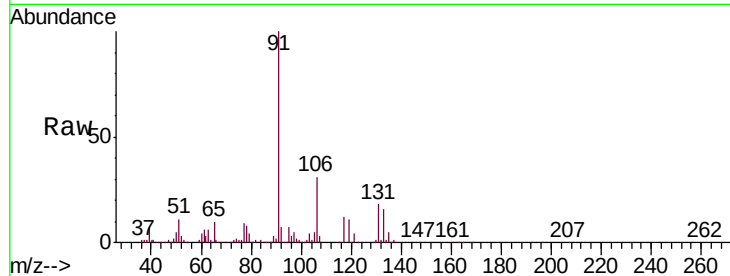




#67
Ethyl Benzene
Concen: 21.580 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

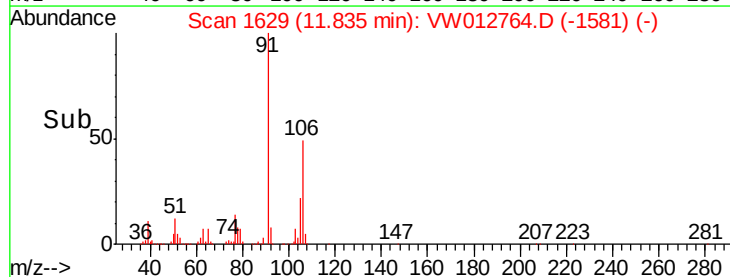
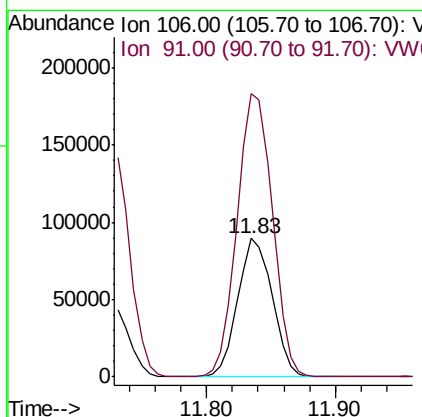
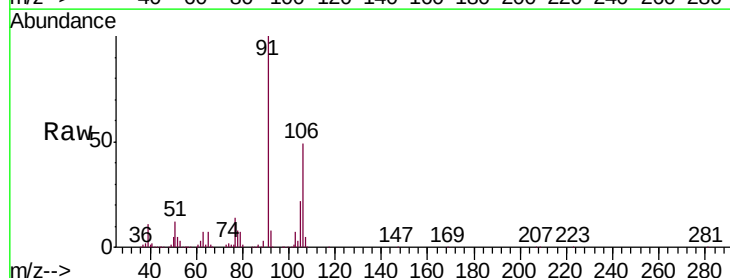
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

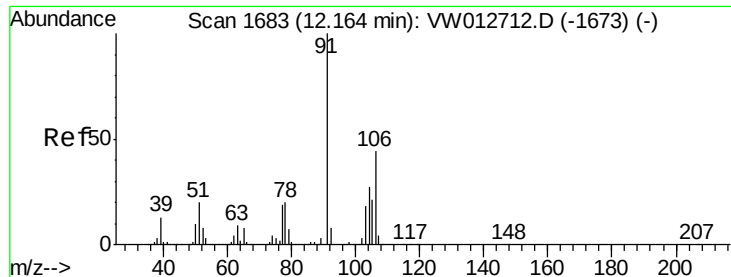
Tgt Ion: 91 Resp: 231826
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6



#68
m/p-Xylenes
Concen: 43.058 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 106 Resp: 166962
Ion Ratio Lower Upper
106 100
91 209.2 168.2 252.4

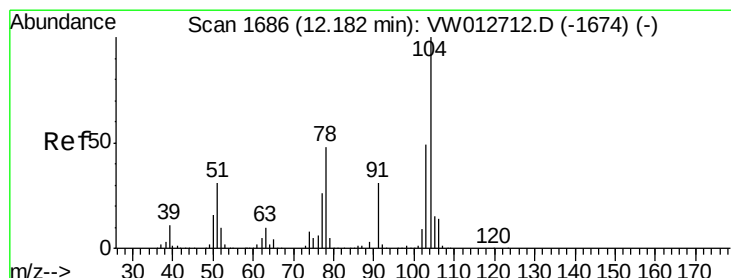
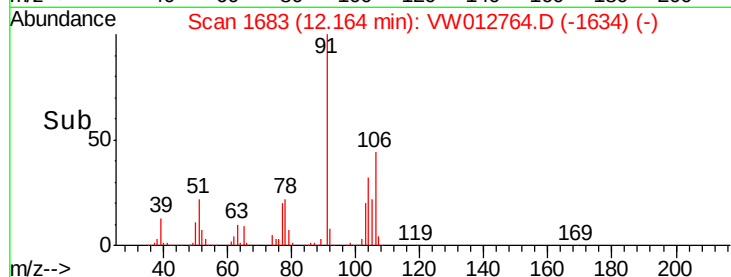
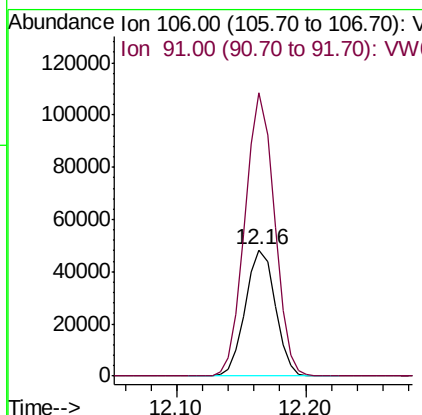
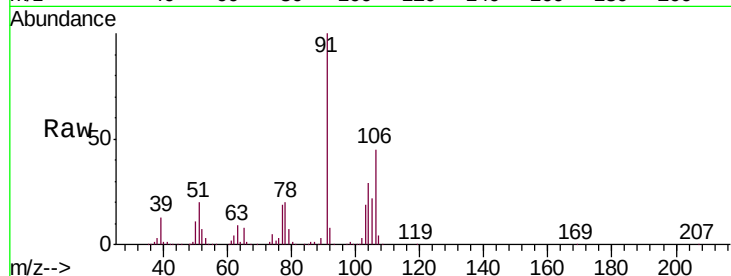




#69
o-Xylene
Concen: 21.223 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

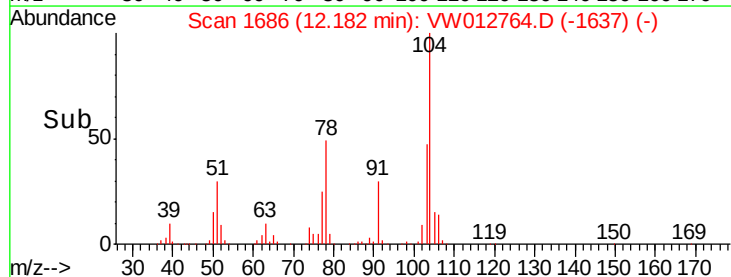
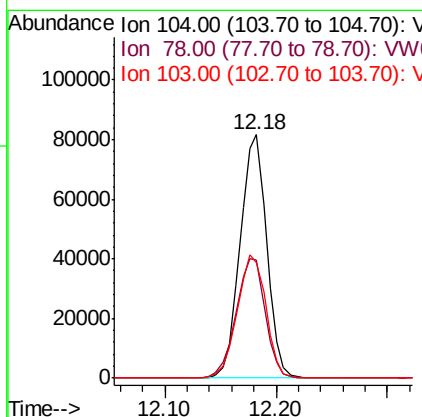
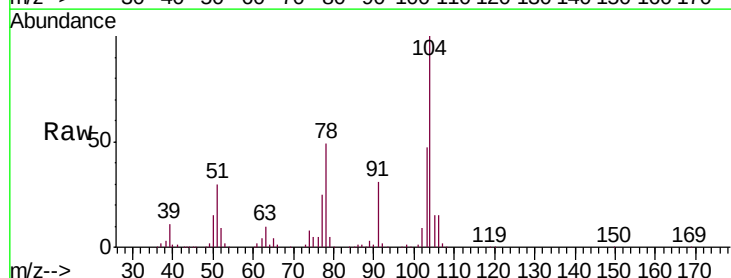
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

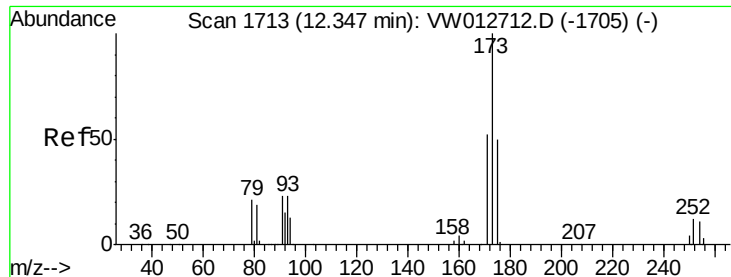
Tgt Ion:106 Resp: 77637
Ion Ratio Lower Upper
106 100
91 221.5 112.3 336.8



#70
Styrene
Concen: 20.905 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion:104 Resp: 135137
Ion Ratio Lower Upper
104 100
78 53.9 43.3 64.9
103 54.5 44.0 66.0

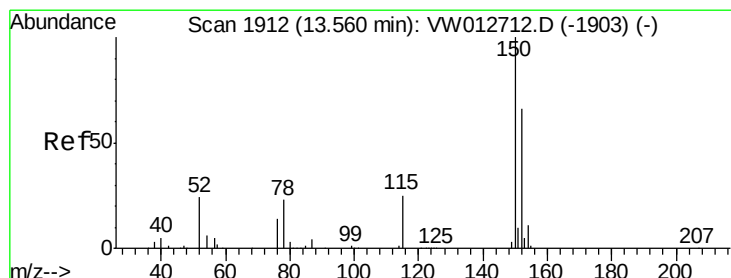
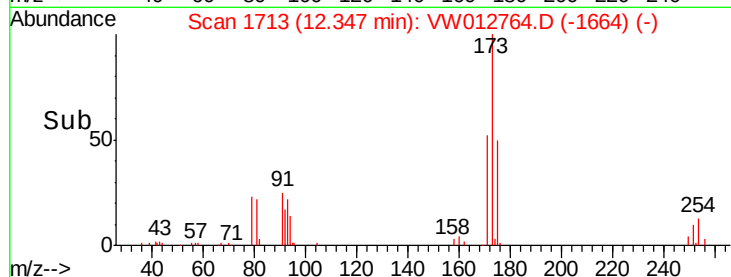
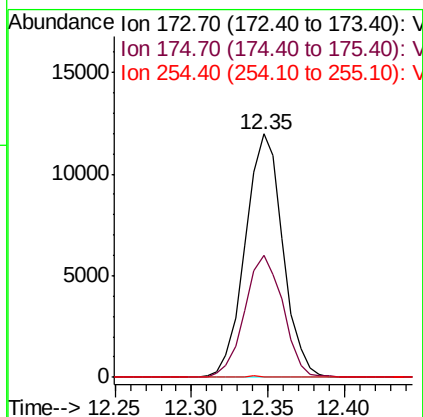
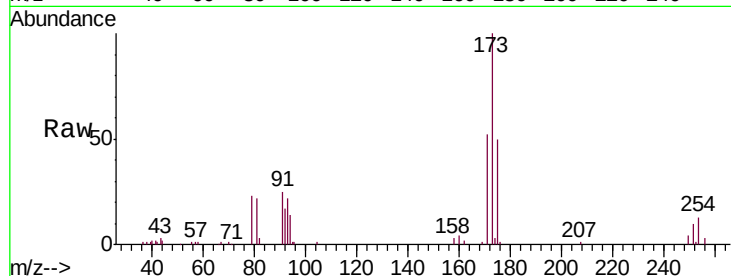




#71
Bromoform
Concen: 17.252 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

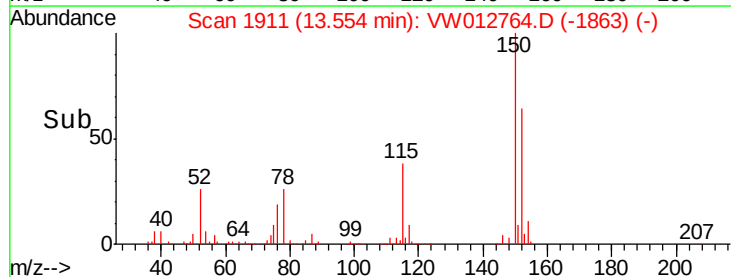
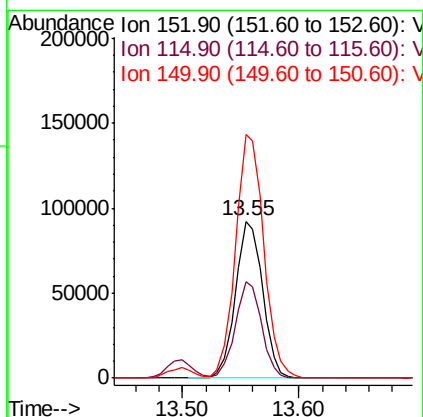
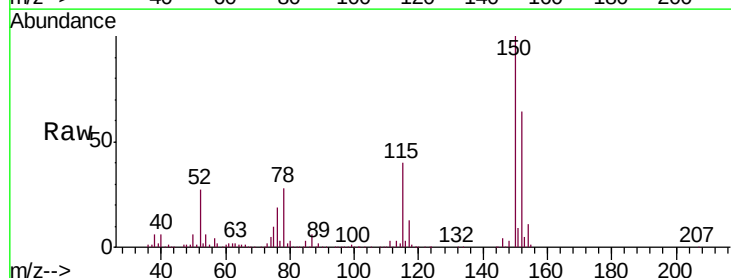
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

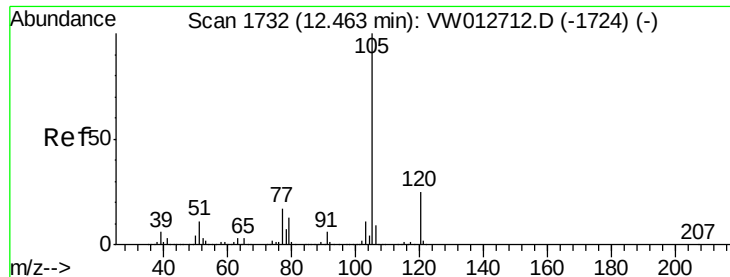
Tgt Ion:173 Resp: 20438
Ion Ratio Lower Upper
173 100
175 51.2 24.8 74.3
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion:152 Resp: 149812
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.1
150 161.6 0.0 349.0





#73

Isopropylbenzene

Concen: 20.790 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

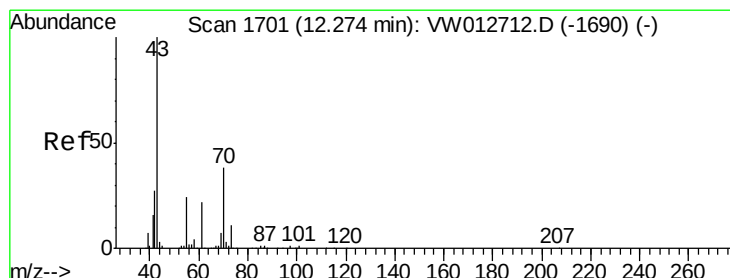
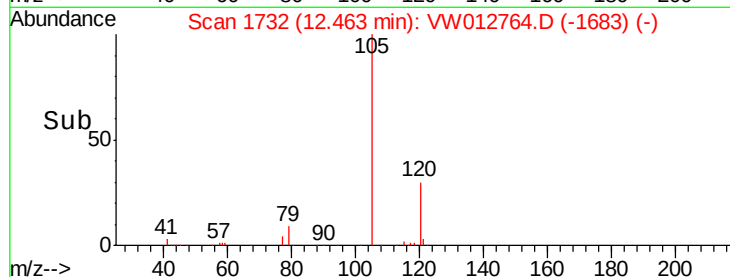
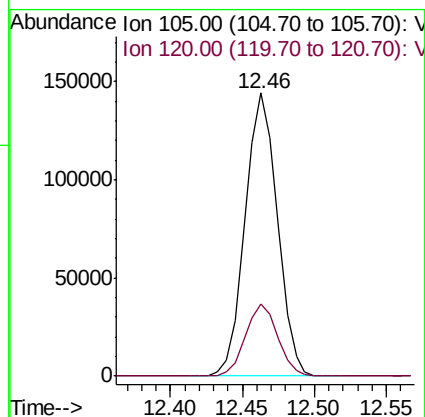
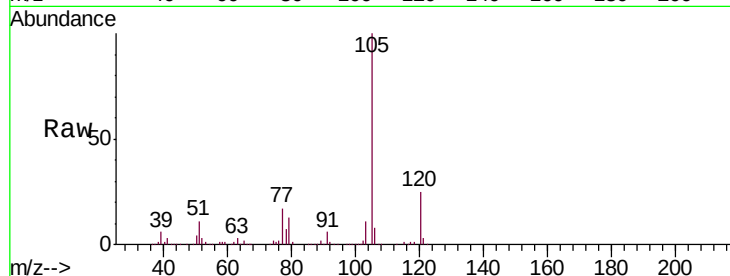
VW0908SBSD01

Tgt Ion: 105 Resp: 223390

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



#74

N-ethyl acetate

Concen: 16.570 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion: 43 Resp: 56512

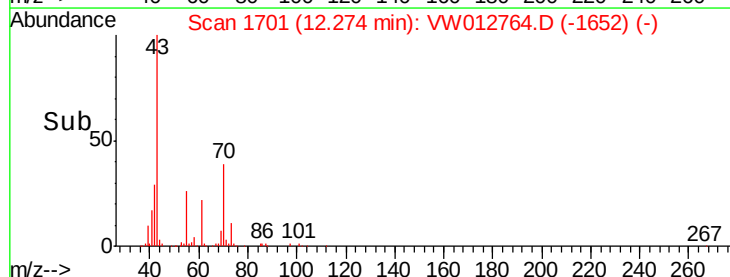
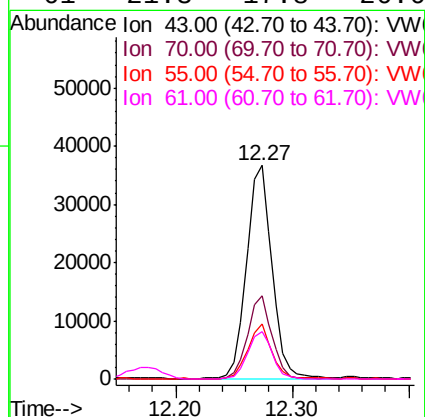
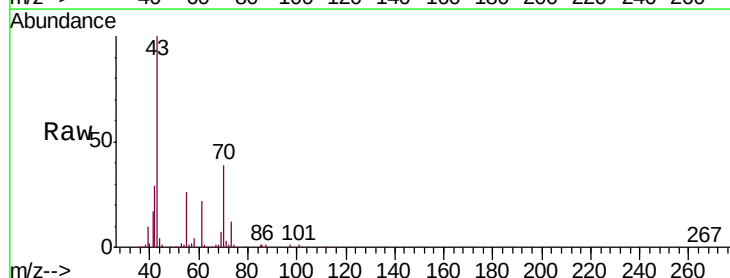
Ion Ratio Lower Upper

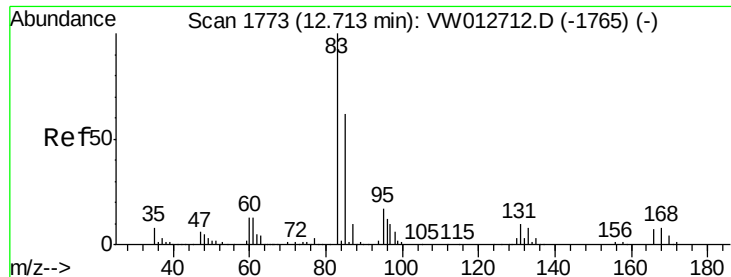
43 100

70 37.1 29.4 44.0

55 24.4 18.6 27.8

61 21.3 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.247 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD01

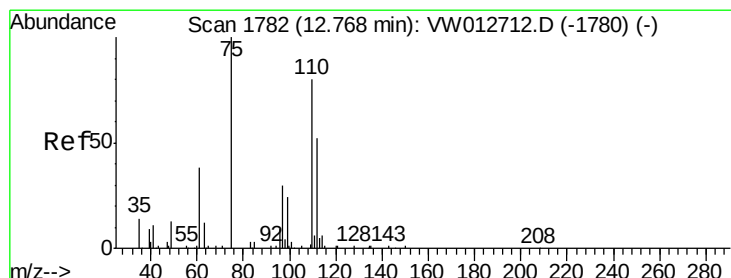
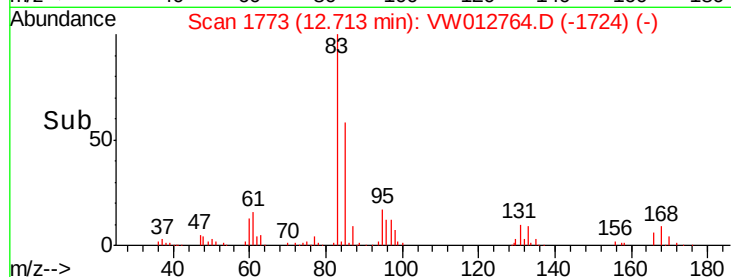
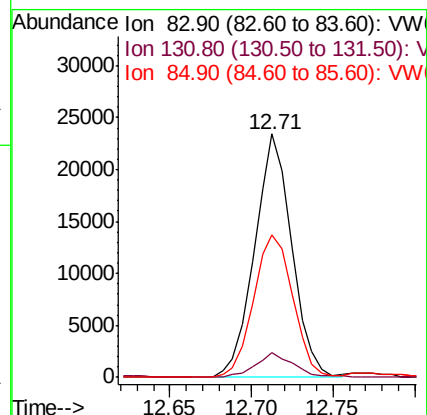
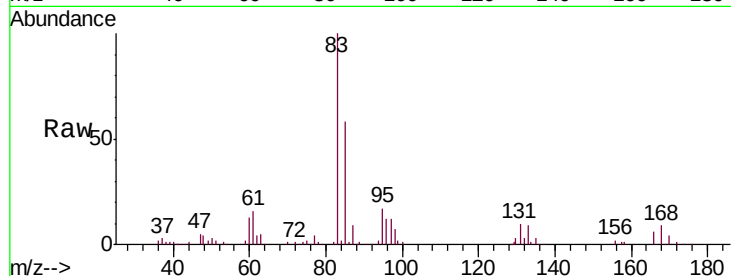
Tgt Ion: 83 Resp: 37217

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 62.0 31.4 94.2



#76

1,2,3-Trichloropropane

Concen: 31.849 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012764.D

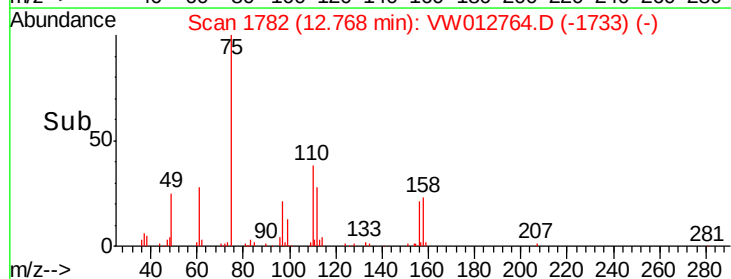
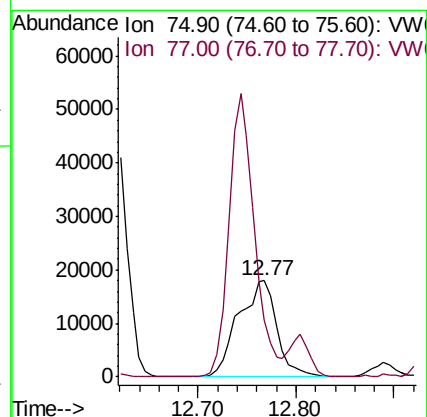
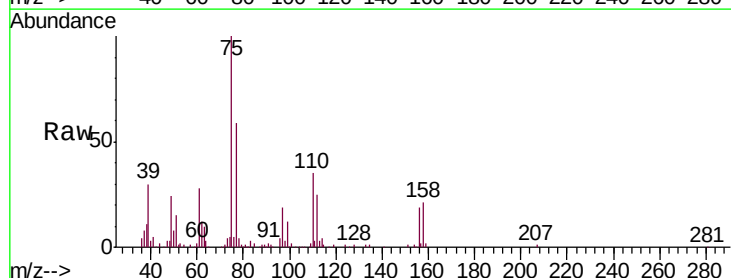
Acq: 08 Sep 2019 13:01

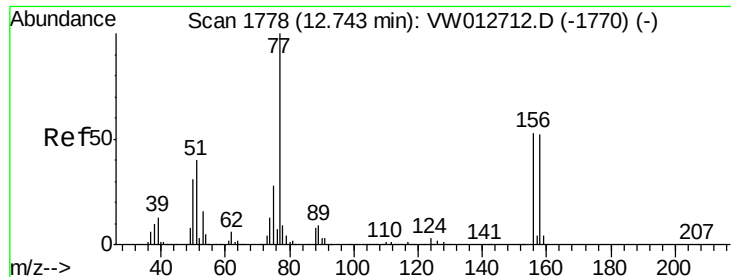
Tgt Ion: 75 Resp: 48790

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.621 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD01

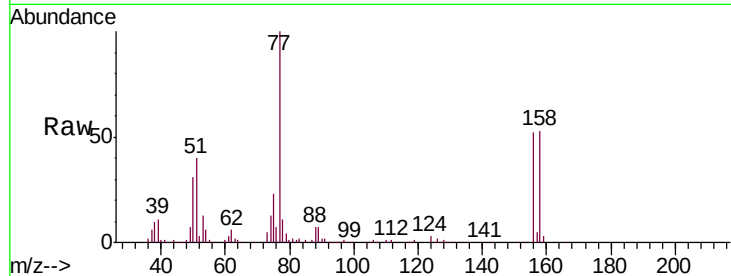
Tgt Ion:156 Resp: 47765

Ion Ratio Lower Upper

156 100

77 201.1 102.3 306.9

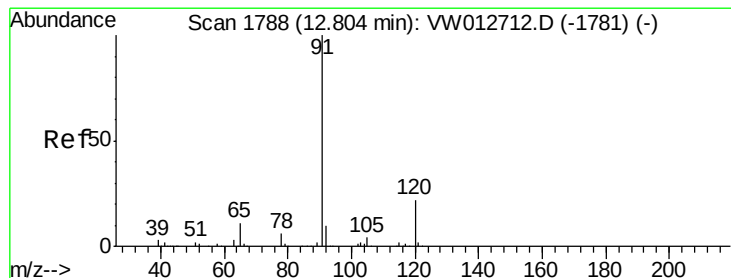
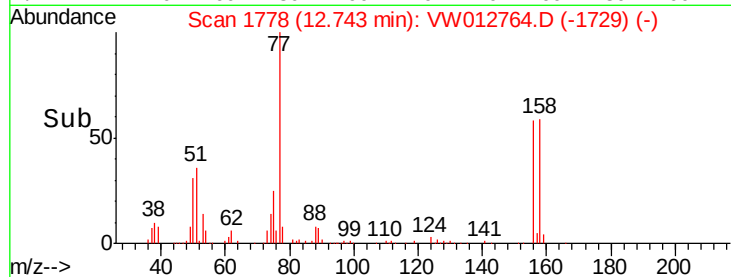
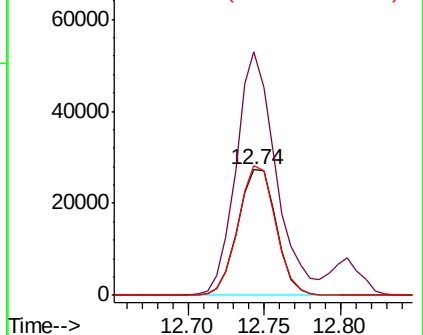
158 100.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.030 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012764.D

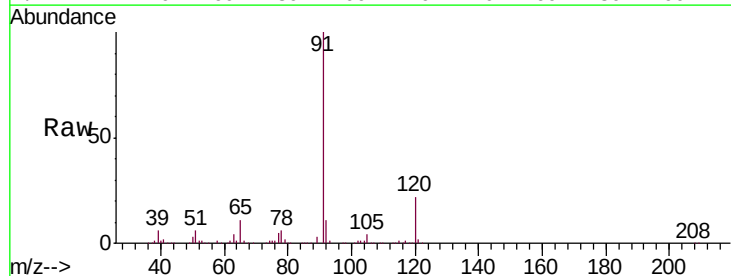
Acq: 08 Sep 2019 13:01

Tgt Ion: 91 Resp: 270254

Ion Ratio Lower Upper

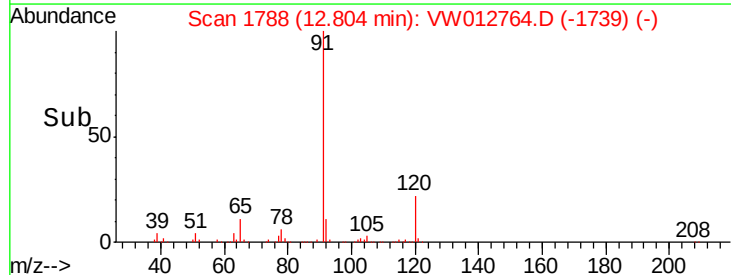
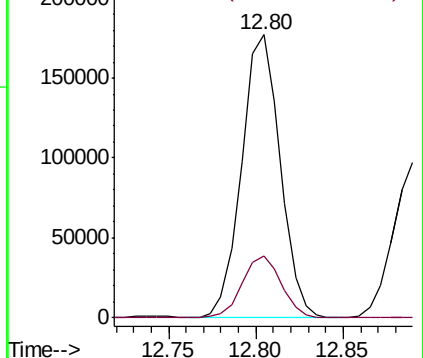
91 100

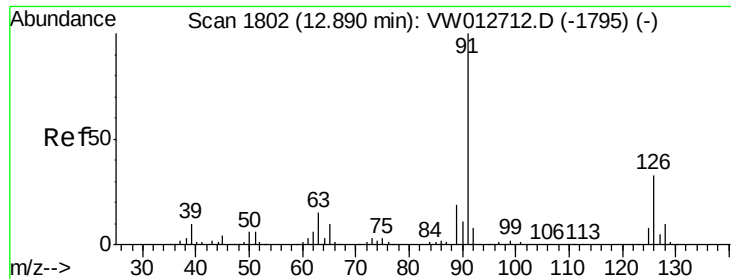
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.999 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

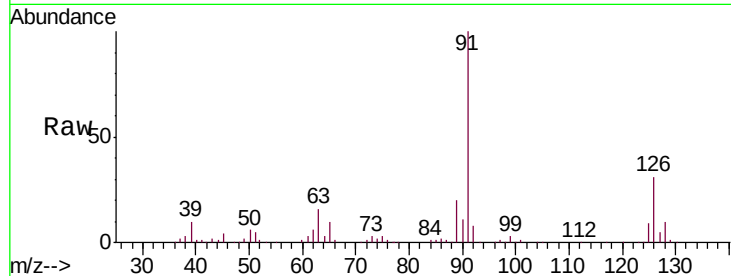
VW0908SBSD01

Tgt Ion: 91 Resp: 154920

Ion Ratio Lower Upper

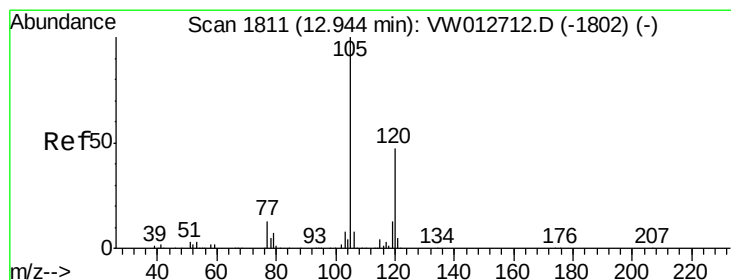
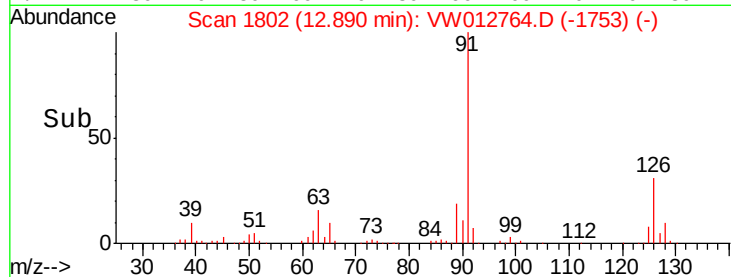
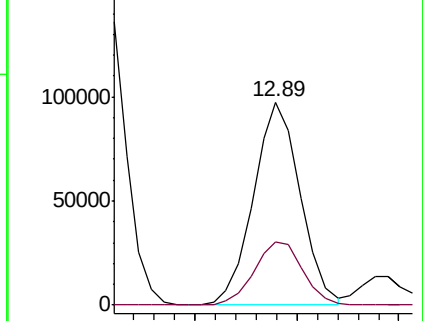
91 100

126 32.3 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.026 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012764.D

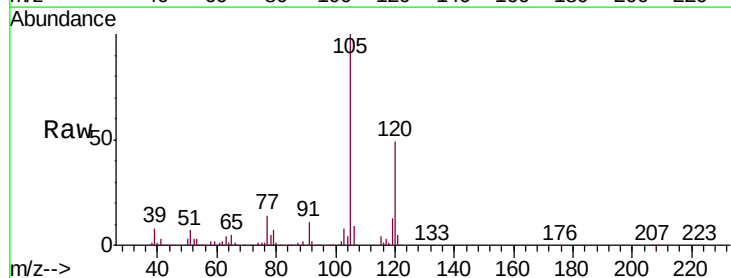
Acq: 08 Sep 2019 13:01

Tgt Ion: 105 Resp: 190374

Ion Ratio Lower Upper

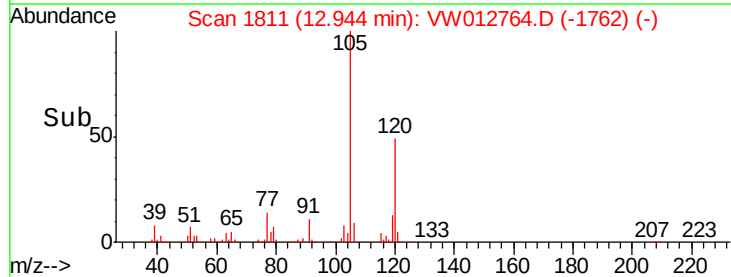
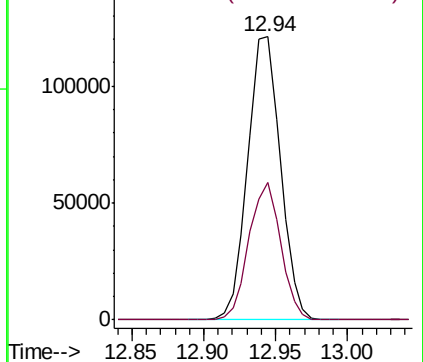
105 100

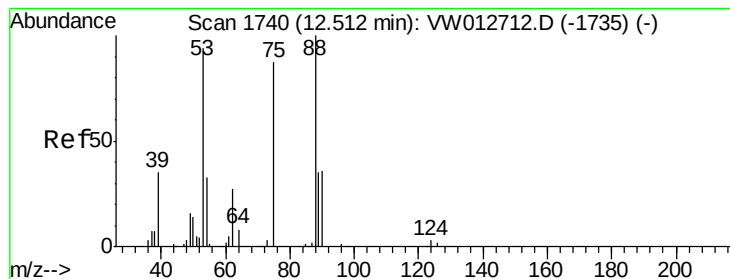
120 47.1 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.273 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD01

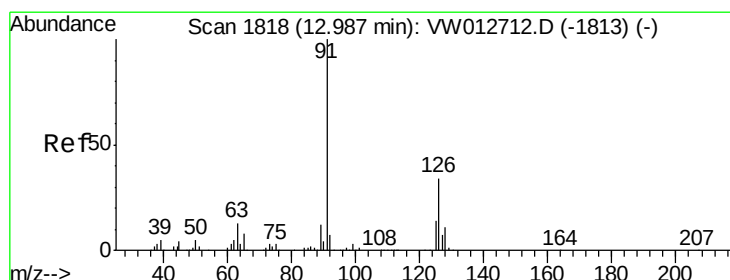
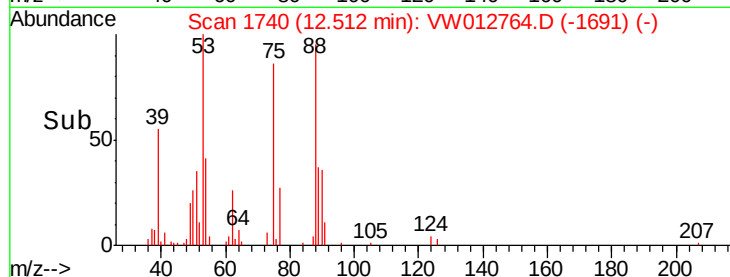
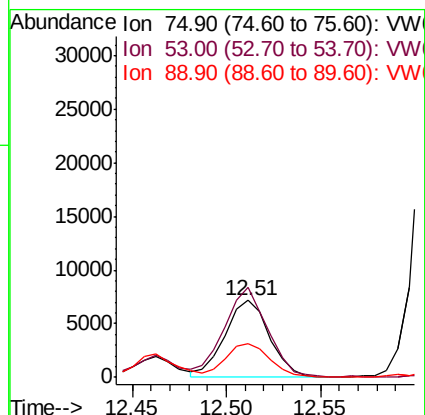
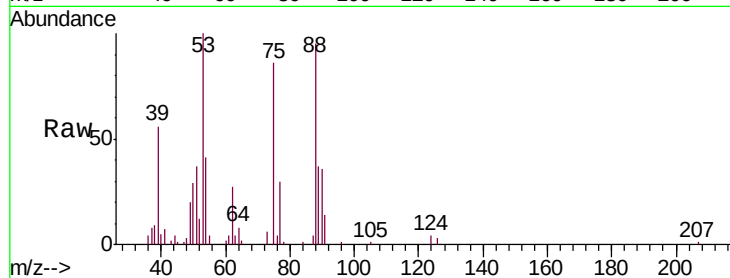
Tgt Ion: 75 Resp: 11786

Ion Ratio Lower Upper

75 100

53 113.1 87.6 131.4

89 43.2 35.5 53.3



#82

4-Chlorotoluene

Concen: 20.712 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012764.D

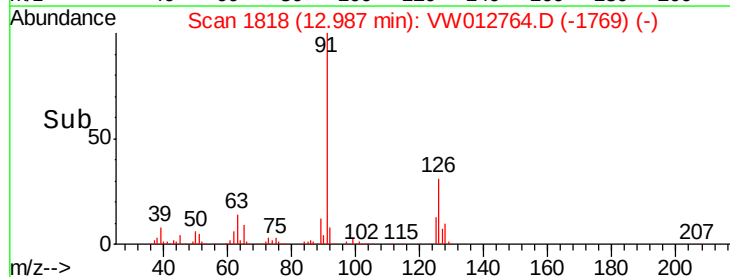
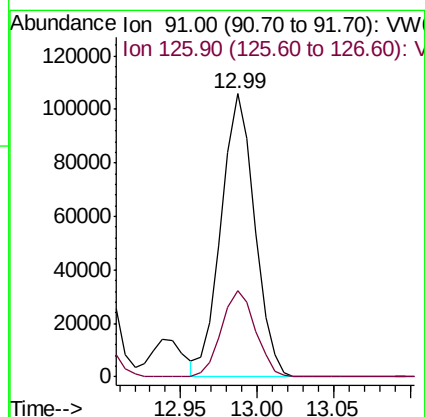
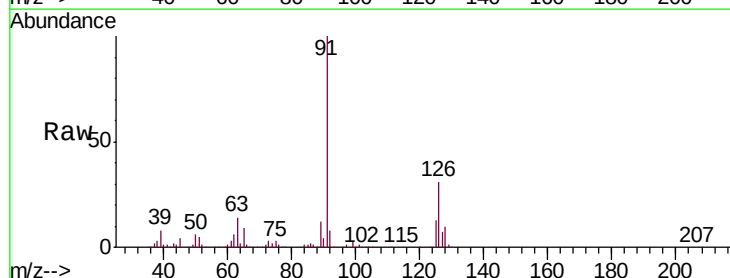
Acq: 08 Sep 2019 13:01

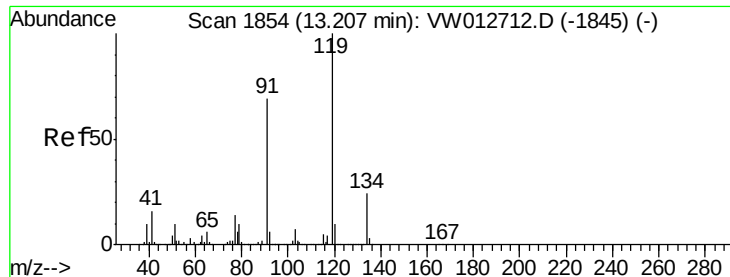
Tgt Ion: 91 Resp: 161628

Ion Ratio Lower Upper

91 100

126 31.0 15.9 47.6





#83

tert-Butylbenzene

Concen: 20.735 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBSD01

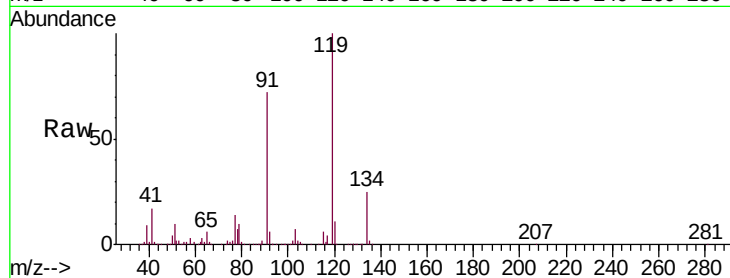
Tgt Ion:119 Resp: 165996

Ion Ratio Lower Upper

119 100

91 69.6 34.2 102.5

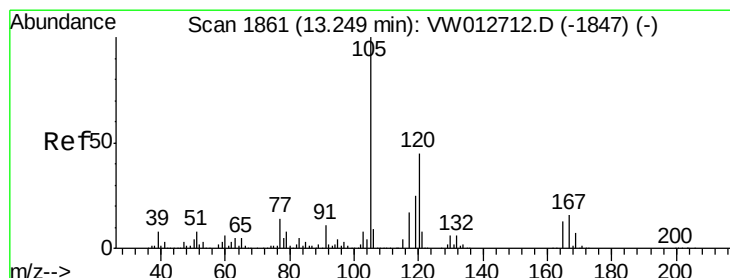
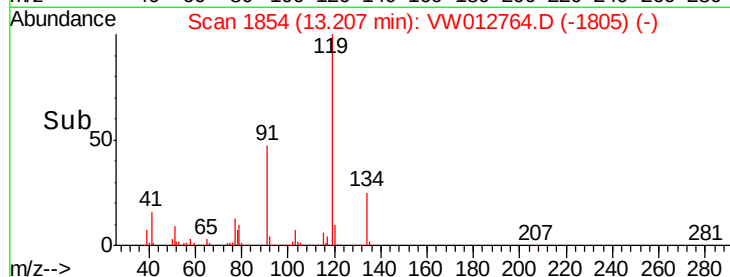
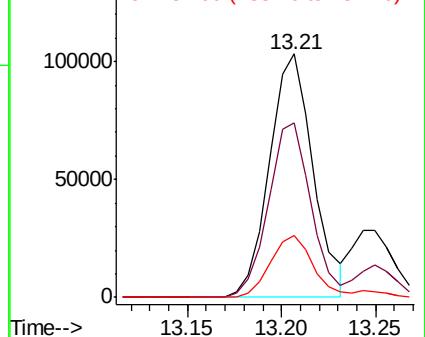
134 24.9 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.672 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012764.D

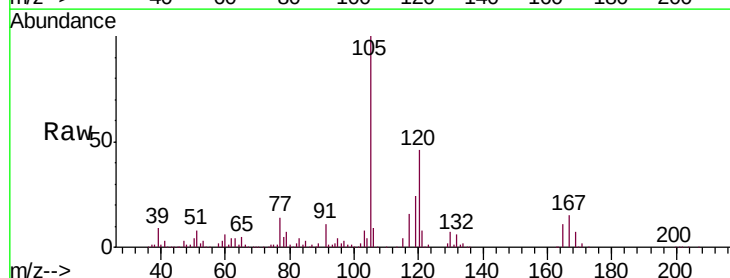
Acq: 08 Sep 2019 13:01

Tgt Ion:105 Resp: 188597

Ion Ratio Lower Upper

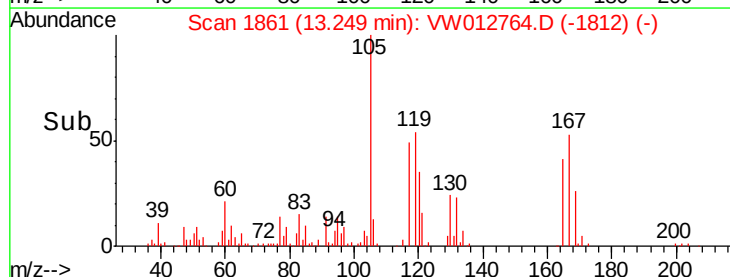
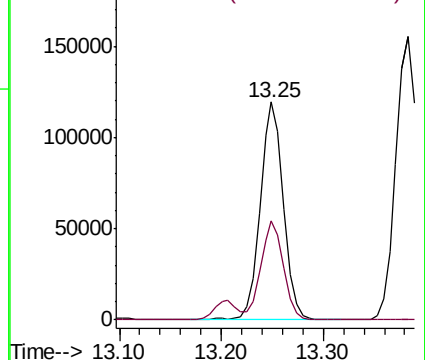
105 100

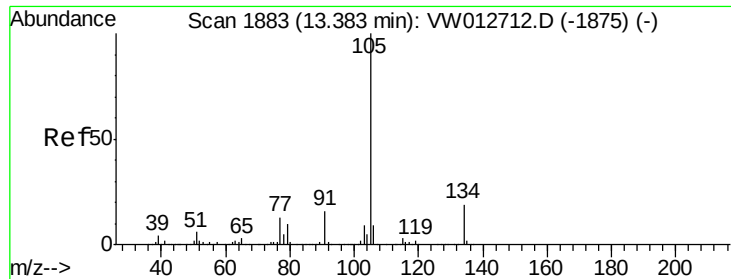
120 44.6 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

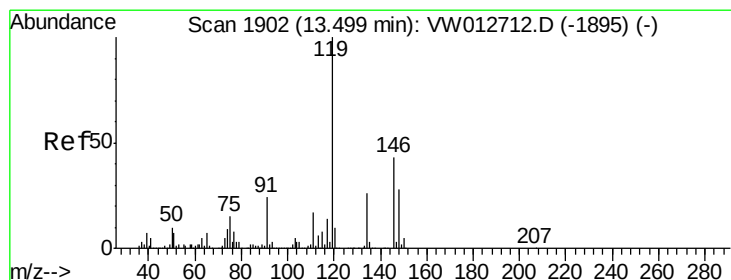
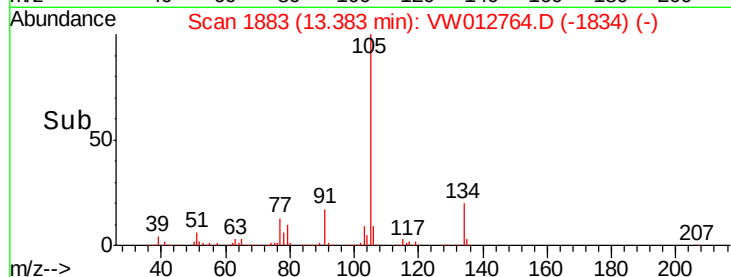
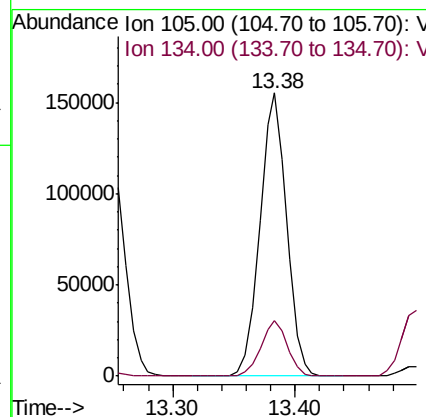
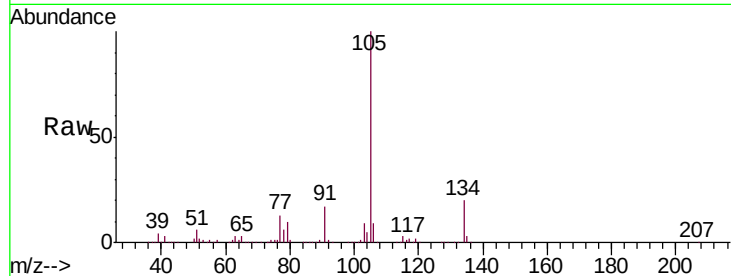




#85
 sec-Butylbenzene
 Concen: 21.223 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

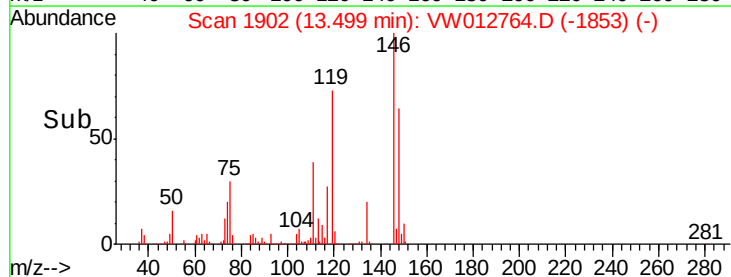
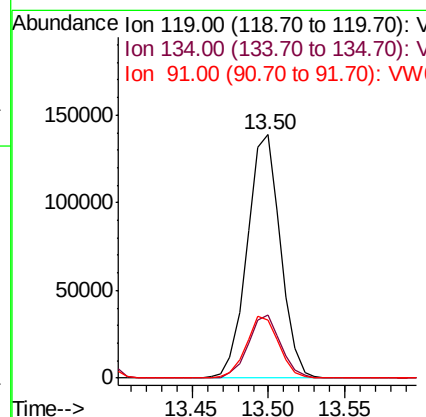
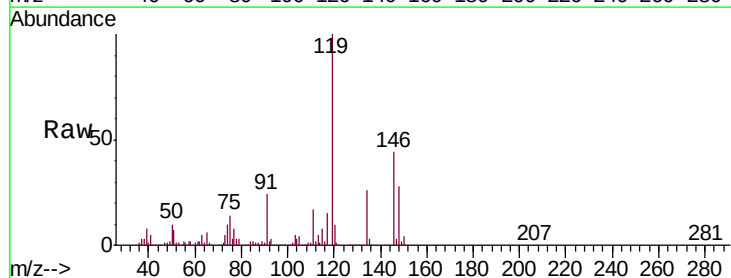
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

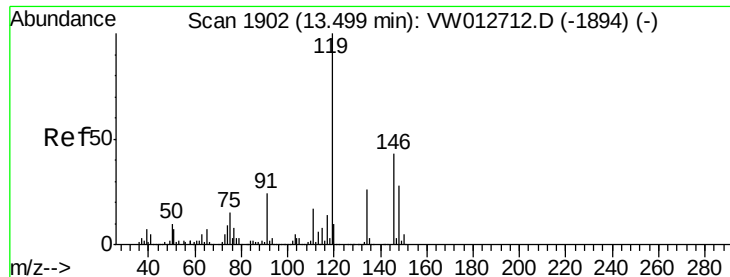
Tgt Ion:105 Resp: 235768
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.548 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion:119 Resp: 208508
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 24.7 12.2 36.6

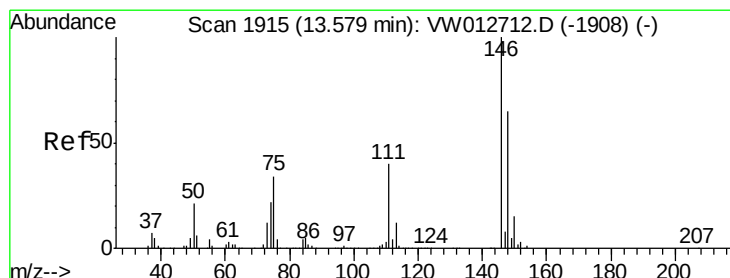
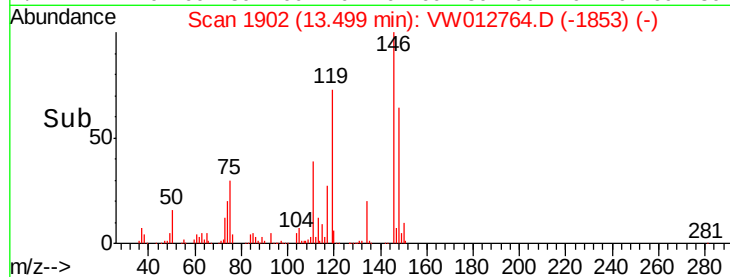
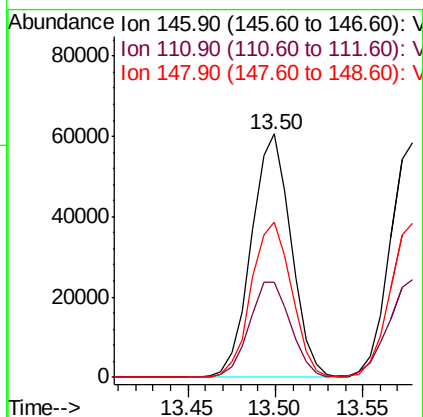
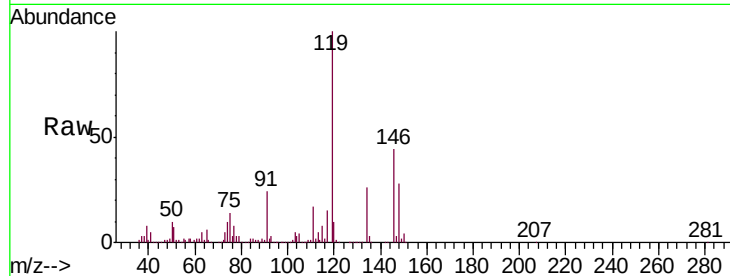




#87
 1,3-Dichlorobenzene
 Concen: 20.036 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

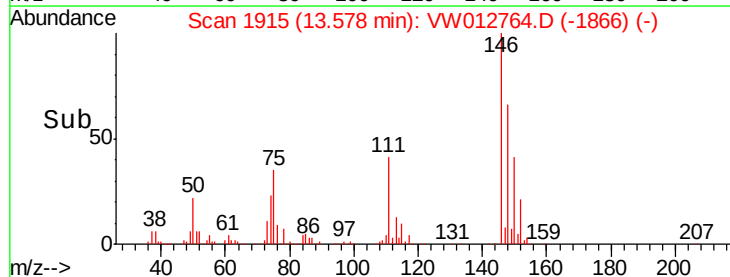
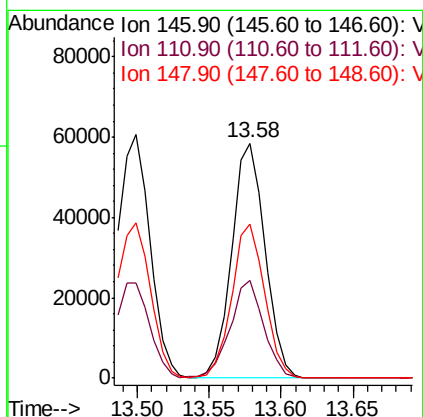
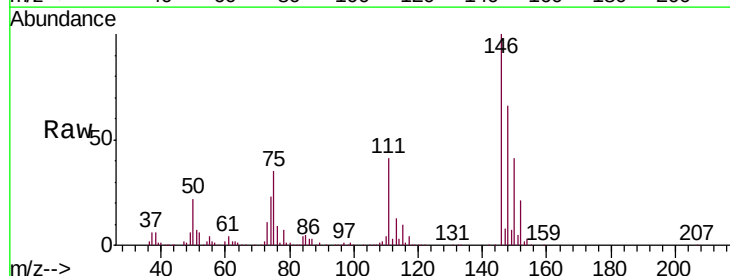
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

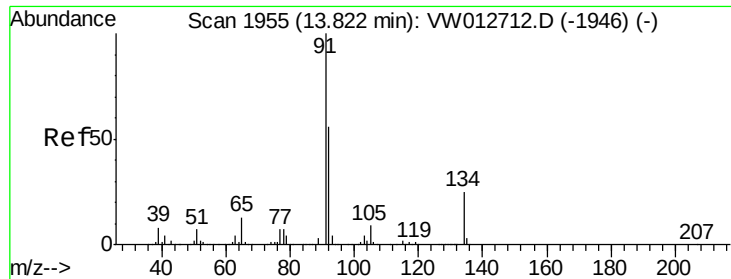
Tgt Ion:146 Resp: 95870
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.4 61.2
 148 64.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.871 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion:146 Resp: 94609
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.0 60.0
 148 64.7 32.2 96.6





#89

n-Butylbenzene

Concen: 20.564 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampled :

VW0908SBSD01

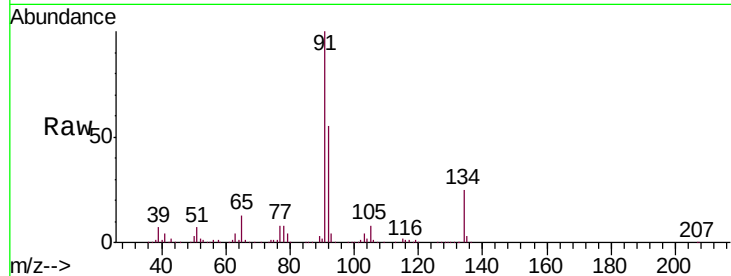
Tgt Ion: 91 Resp: 202579

Ion Ratio Lower Upper

91 100

92 53.0 27.2 81.5

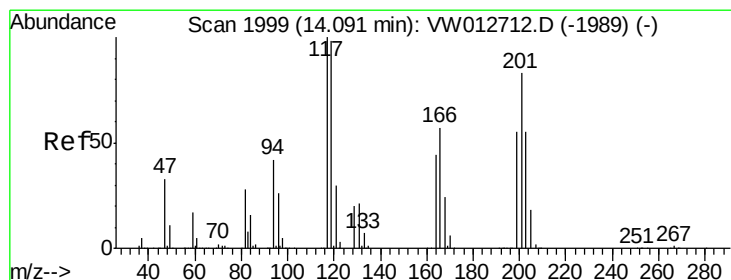
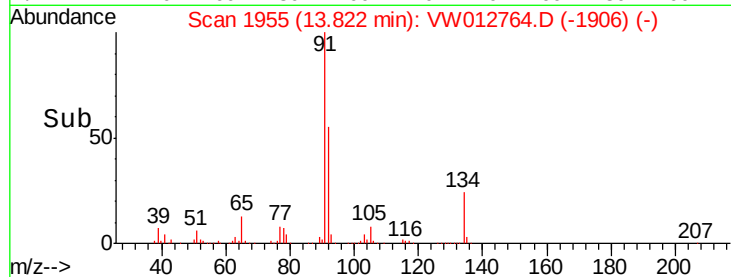
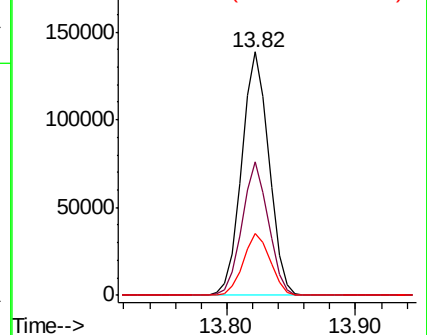
134 25.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.025 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012764.D

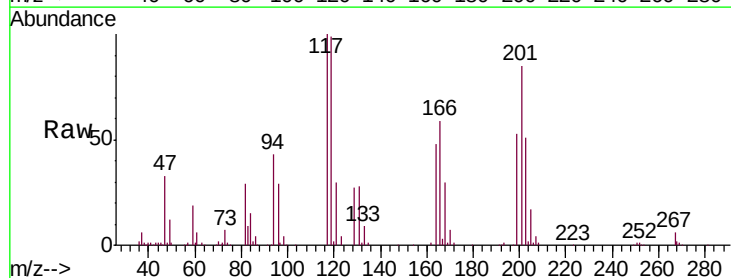
Acq: 08 Sep 2019 13:01

Tgt Ion: 117 Resp: 35472

Ion Ratio Lower Upper

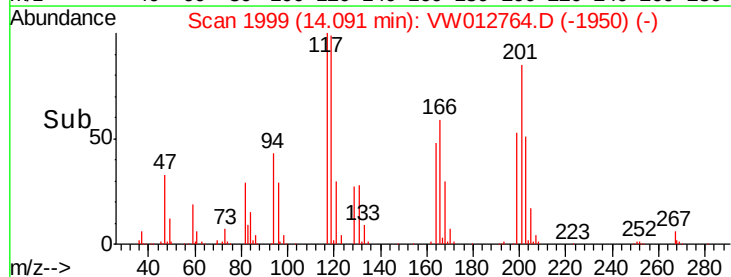
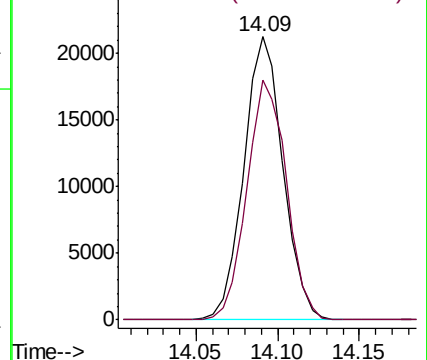
117 100

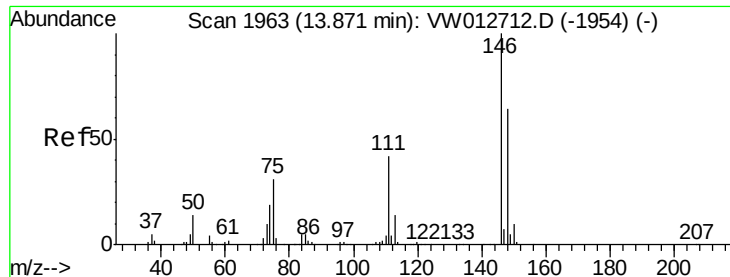
201 85.3 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

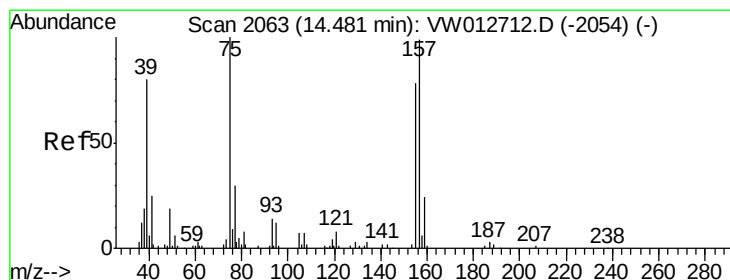
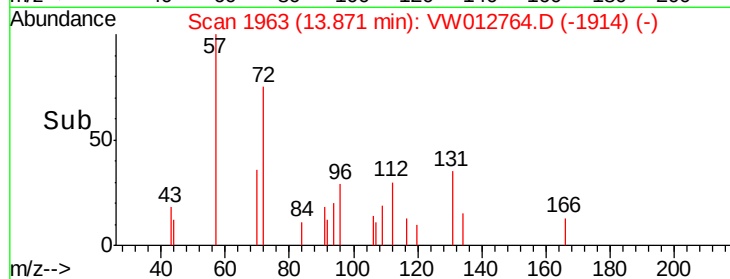
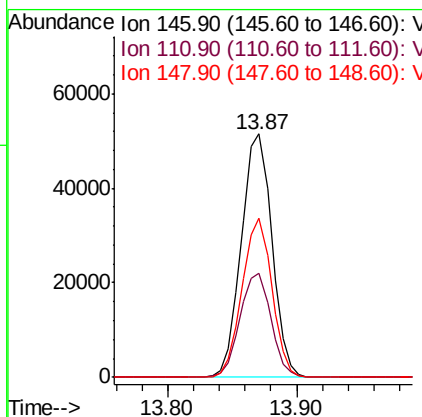
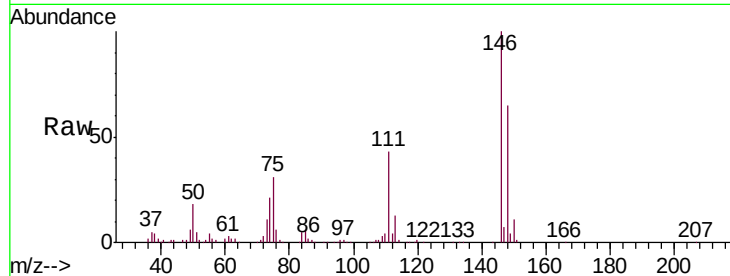




#91
 1,2-Dichlorobenzene
 Concen: 19.709 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

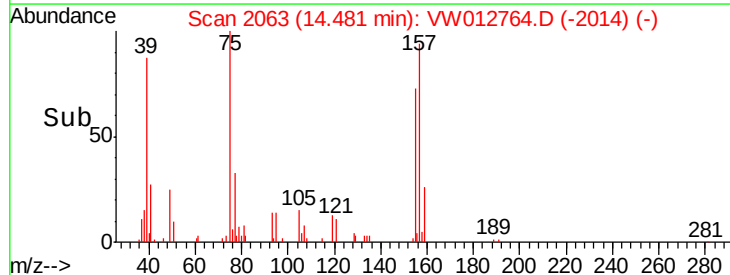
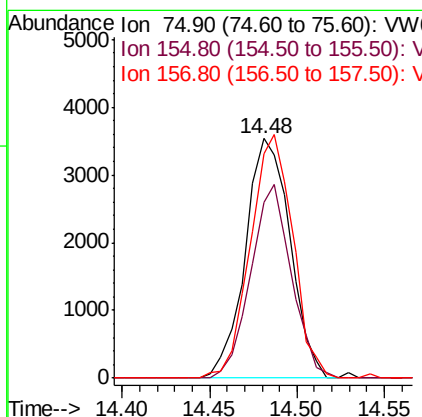
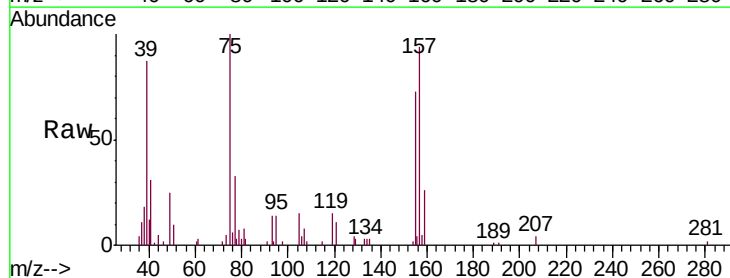
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

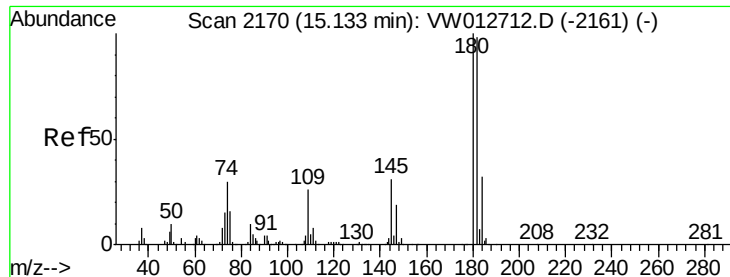
Tgt Ion:146 Resp: 84879
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.3 63.9
 148 63.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.910 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 75 Resp: 6283
 Ion Ratio Lower Upper
 75 100
 155 73.4 40.6 122.0
 157 96.3 52.5 157.5

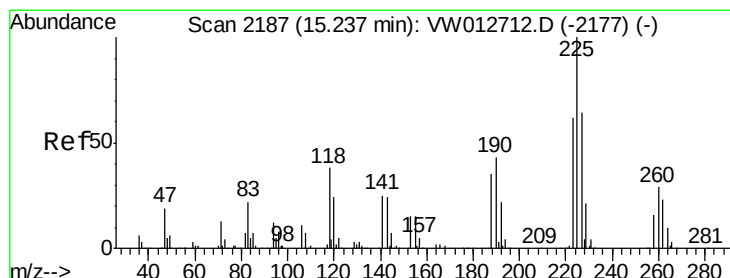
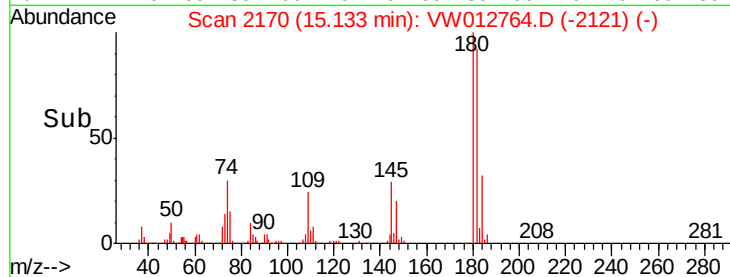
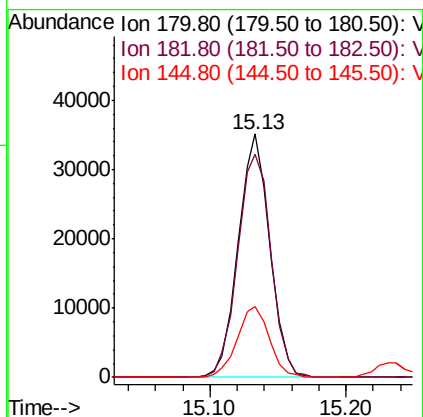
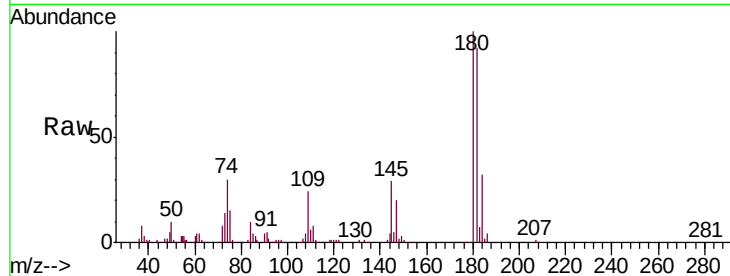




#93
 1,2,4-Trichlorobenzene
 Concen: 18.923 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

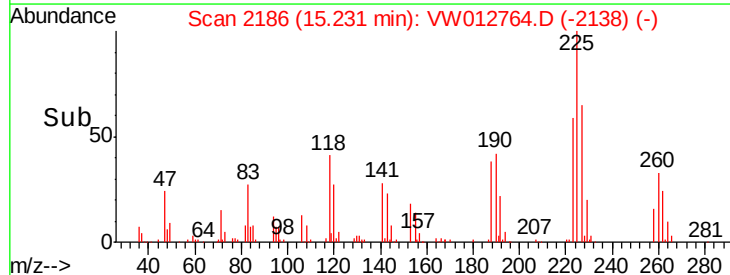
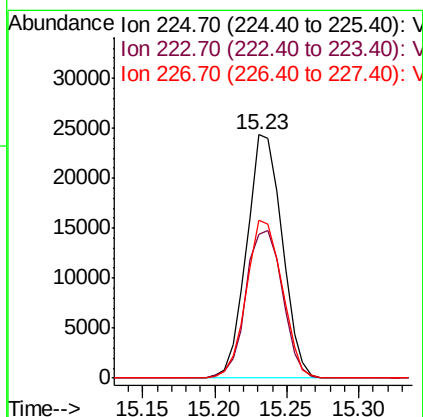
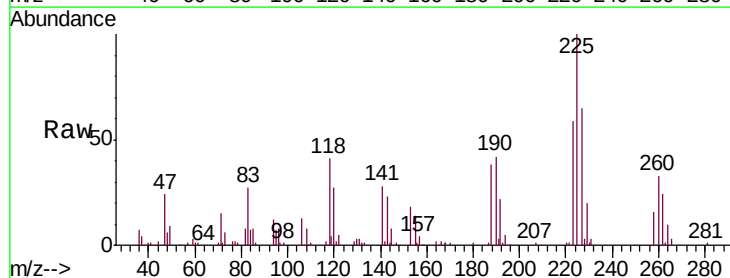
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

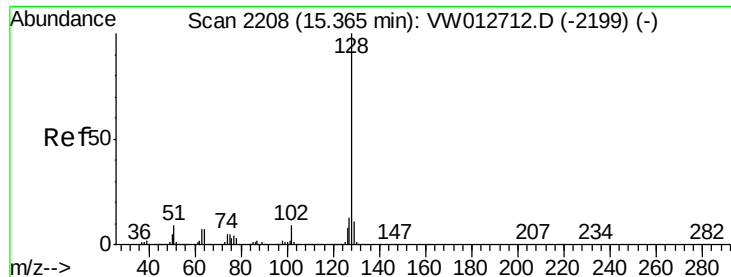
Tgt Ion:180 Resp: 56739
 Ion Ratio Lower Upper
 180 100
 182 97.3 48.7 146.1
 145 29.8 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 19.998 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion:225 Resp: 41503
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.3
 227 65.4 31.4 94.2

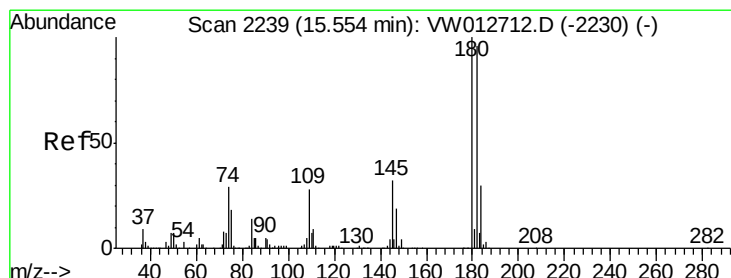
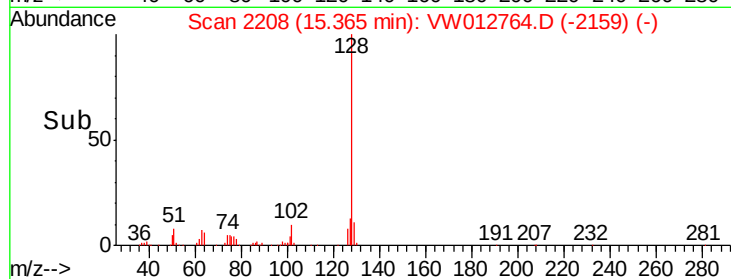
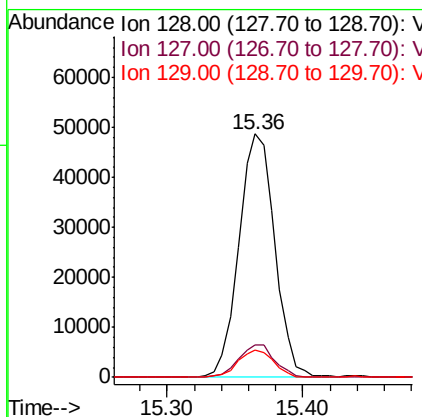
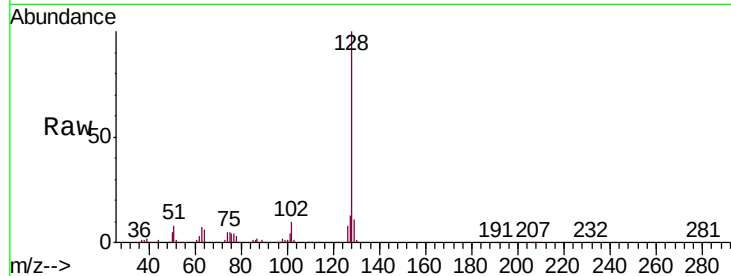




#95
Naphthalene
Concen: 17.471 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

Tgt Ion:128 Resp: 89893
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.868 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion:180 Resp: 49939
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 31.0 15.4 46.2

