

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012533.D
 Acq On : 03 Sep 2019 07:06
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.62G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 07:48:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	183915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	124494	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	101779	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
50) Toluene-d8	10.32	98	392449	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.62	95	142205	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	48867	43.152 ug/l	96
3) Chloromethane	2.21	50	82024	46.752 ug/l	100
4) Vinyl Chloride	2.36	62	91873	42.784 ug/l	97
5) Bromomethane	2.76	94	50510	46.445 ug/l	100
6) Chloroethane	2.91	64	59689	49.273 ug/l	99
7) Trichlorofluoromethane	3.25	101	53431	49.552 ug/l	98
8) Diethyl Ether	3.68	74	57716	56.392 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87631	47.812 ug/l	98
10) Methyl Iodide	4.27	142	136221	54.930 ug/l	99
11) Tert butyl alcohol	5.18	59	39180	297.787 ug/l	100
12) 1,1-Dichloroethene	4.04	96	90470	49.042 ug/l	100
13) Acrolein	3.90	56	6118	49.398 ug/l	97
14) Allyl chloride	4.66	41	202876	51.442 ug/l	99
15) Acrylonitrile	5.37	53	145021	285.868 ug/l	99
16) Acetone	4.12	43	121901	218.123 ug/l	98
17) Carbon Disulfide	4.38	76	250930	45.008 ug/l	99
18) Methyl Acetate	4.67	43	87932	63.525 ug/l	100
19) Methyl tert-butyl Ether	5.42	73	184653	61.896 ug/l	99
20) Methylene Chloride	4.91	84	110284	52.200 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	105901	53.533 ug/l	95
22) Diisopropyl ether	6.31	45	417271	57.080 ug/l	97
23) Vinyl Acetate	6.25	43	1211391	269.268 ug/l	99
24) 1,1-Dichloroethane	6.21	63	218228	54.827 ug/l	99
25) 2-Butanone	7.17	43	195275	257.133 ug/l	97
26) 2,2-Dichloropropane	7.16	77	100980	44.822 ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	119809	56.686 ug/l	98
28) Bromochloromethane	7.51	49	95347	54.961 ug/l	96
29) Tetrahydrofuran	7.53	42	135327	297.013 ug/l	99
30) Chloroform	7.68	83	205034	56.304 ug/l	97
31) Cyclohexane	7.95	56	170614	43.325 ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	157696	54.741 ug/l	99
36) 1,1-Dichloropropene	8.08	75	153696	48.515 ug/l	99
37) Ethyl Acetate	7.25	43	93750	54.002 ug/l	99
38) Carbon Tetrachloride	8.07	117	138003	50.329 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	159730	44.880	ug/l	98
40) Benzene	8.32	78	451763	52.224	ug/l	99
41) Methacrylonitrile	7.48	41	64012	62.737	ug/l	93
42) 1,2-Dichloroethane	8.40	62	148956	54.942	ug/l	100
43) Isopropyl Acetate	8.42	43	175921	54.707	ug/l	99
44) Trichloroethene	9.09	130	110724	52.653	ug/l	99
45) 1,2-Dichloropropane	9.37	63	122495	52.615	ug/l	98
46) Dibromomethane	9.46	93	56218	54.272	ug/l	96
47) Bromodichloromethane	9.65	83	152356	55.265	ug/l	99
48) Methyl methacrylate	9.43	41	84671	55.322	ug/l	95
49) 1,4-Dioxane	9.46	88	17464	1101.295	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	452292	276.530	ug/l	100
52) Toluene	10.38	92	276635	53.232	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	148283	52.804	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	175645	51.802	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81396	55.538	ug/l	98
56) Ethyl methacrylate	10.65	69	121965	57.179	ug/l	99
57) 1,3-Dichloropropane	10.93	76	151935	54.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	309918	283.102	ug/l	99
59) 2-Hexanone	10.97	43	301688	260.685	ug/l	98
60) Dibromochloromethane	11.13	129	94007	57.587	ug/l	100
61) 1,2-Dibromoethane	11.23	107	75796	55.513	ug/l	100
64) Tetrachloroethene	10.86	164	97758	56.067	ug/l	99
65) Chlorobenzene	11.66	112	282455	53.338	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	103348	55.942	ug/l	99
67) Ethyl Benzene	11.73	91	535067	52.452	ug/l	100
68) m/p-Xylenes	11.84	106	385764	104.983	ug/l	100
69) o-Xylene	12.16	106	183565	53.975	ug/l	100
70) Styrene	12.18	104	323481	54.952	ug/l	99
71) Bromoform	12.35	173	53179	57.776	ug/l #	99
73) Isopropylbenzene	12.46	105	506812	51.591	ug/l	99
74) N-amyl acetate	12.27	43	156589	52.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	94460	52.450	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	124307	97.356	ug/l #	100
77) Bromobenzene	12.74	156	115914	54.542	ug/l	95
78) n-propylbenzene	12.80	91	603493	50.322	ug/l	98
79) 2-Chlorotoluene	12.89	91	353059	51.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	428260	52.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28159	48.354	ug/l	99
82) 4-Chlorotoluene	12.99	91	370788	52.010	ug/l	100
83) tert-Butylbenzene	13.21	119	366892	52.765	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	430876	52.254	ug/l	100
85) sec-Butylbenzene	13.38	105	494272	49.616	ug/l	100
86) p-Isopropyltoluene	13.50	119	450087	50.591	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	218936	52.668	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	217070	52.592	ug/l	100
89) n-Butylbenzene	13.82	91	427486	48.319	ug/l	99
90) Hexachloroethane	14.09	117	79168	50.720	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	199074	54.591	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16215	53.407	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	137962	54.745	ug/l	99
94) Hexachlorobutadiene	15.24	225	81866	49.198	ug/l	98
95) Naphthalene	15.36	128	254504	51.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	122839	55.869	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

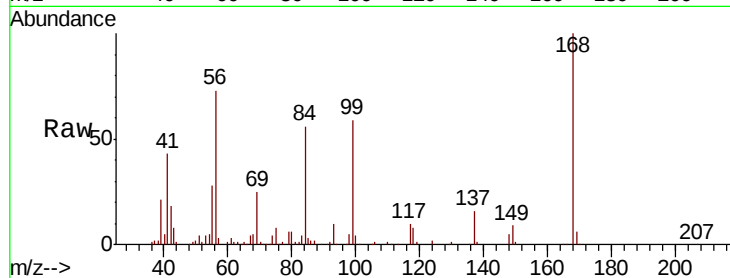
VSTDCCC050EC

Tgt Ion:168 Resp: 183915

Ion Ratio Lower Upper

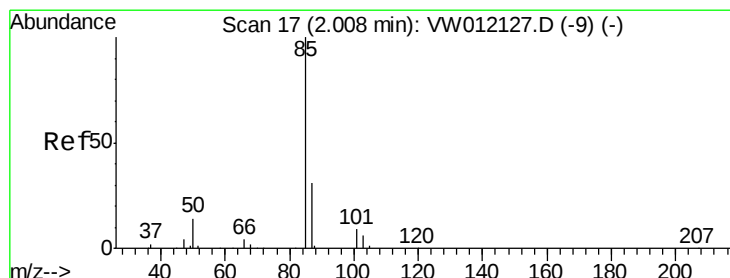
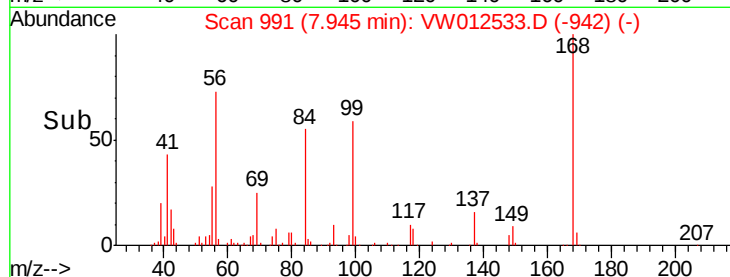
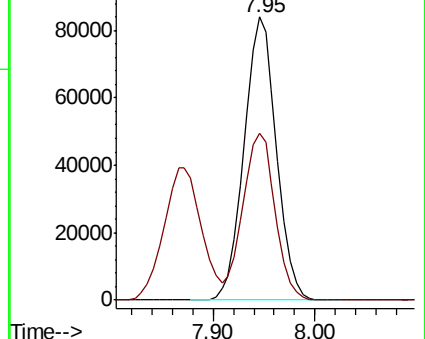
168 100

99 59.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 43.152 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012533.D

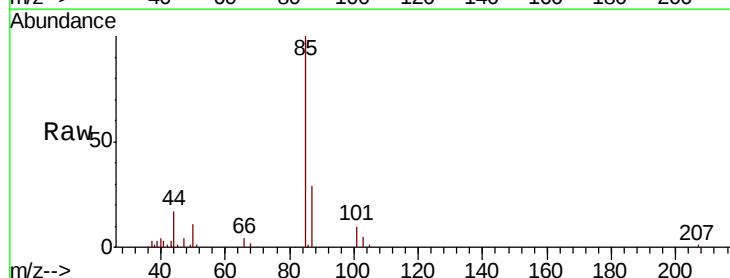
Acq: 03 Sep 2019 07:06

Tgt Ion: 85 Resp: 48867

Ion Ratio Lower Upper

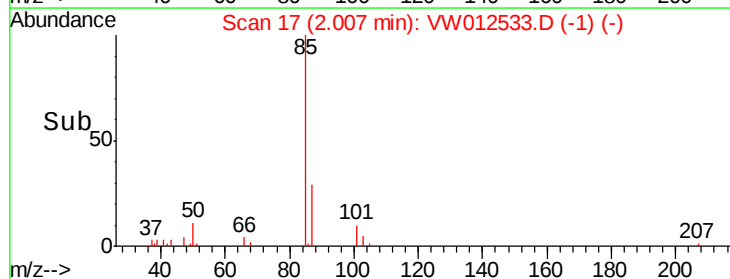
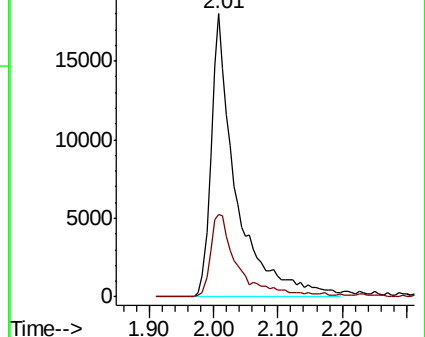
85 100

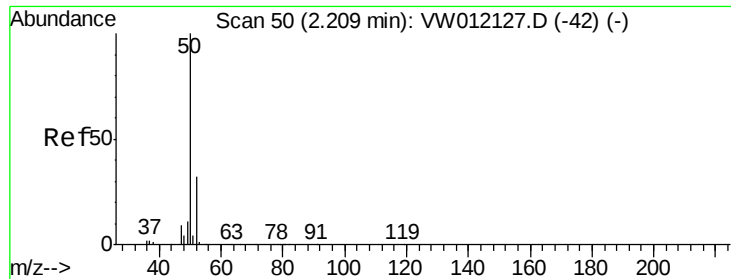
87 29.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.752 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

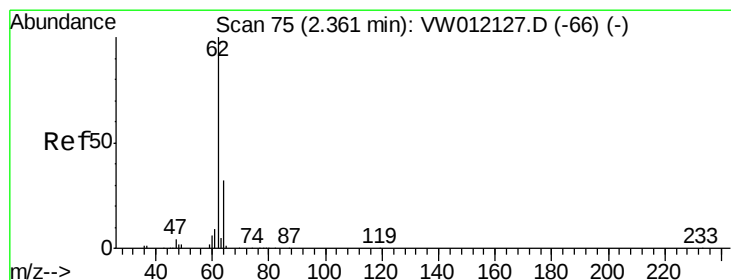
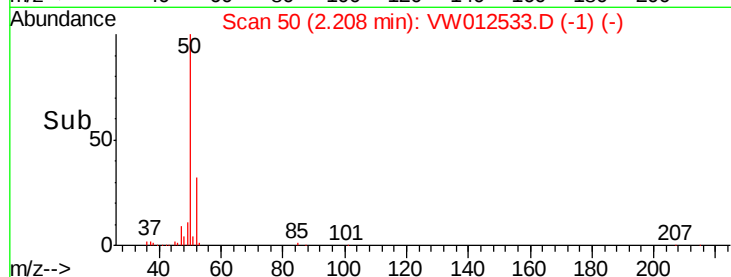
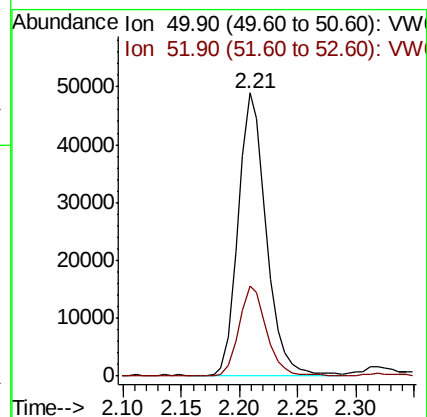
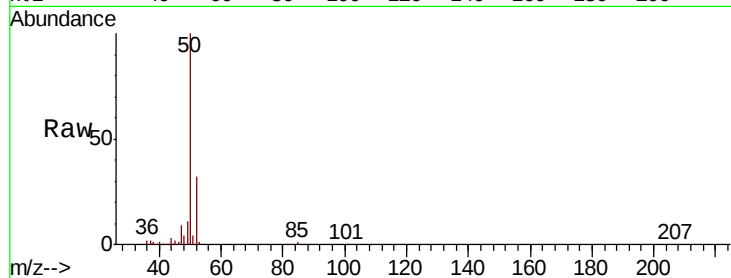
VSTDCCC050EC

Tgt Ion: 50 Resp: 82024

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



#4

Vinyl Chloride

Concen: 42.784 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012533.D

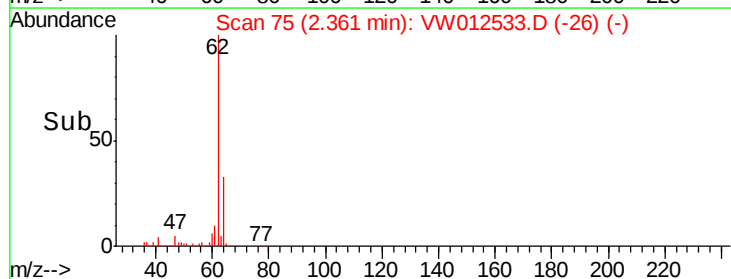
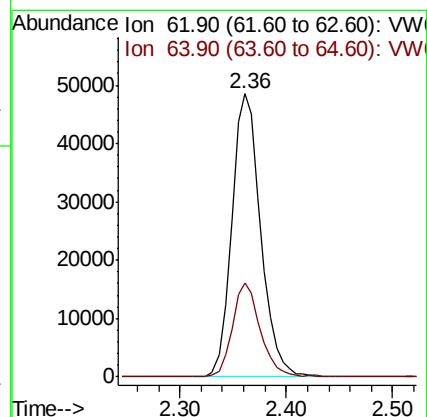
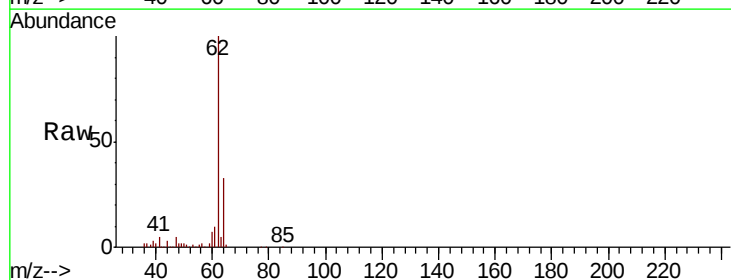
Acq: 03 Sep 2019 07:06

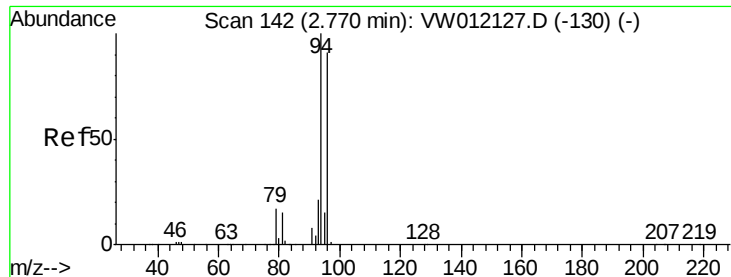
Tgt Ion: 62 Resp: 91873

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 46.445 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

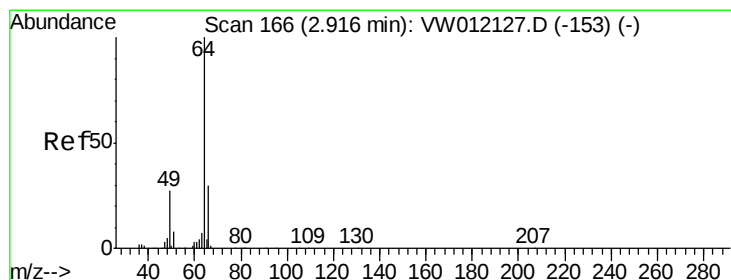
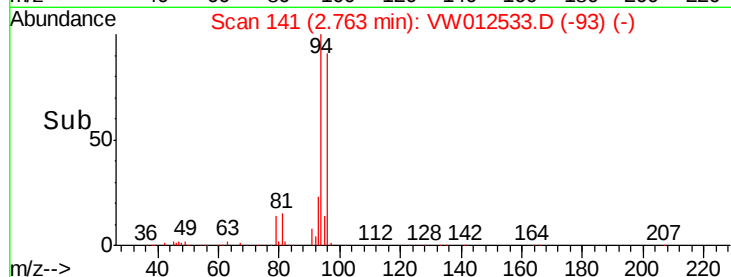
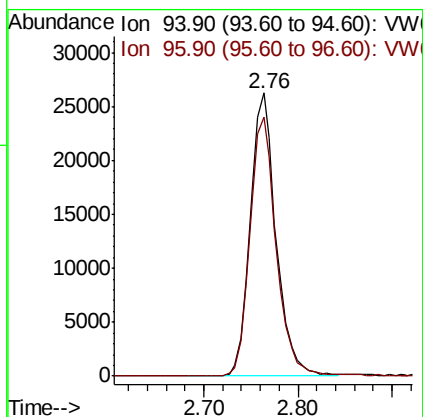
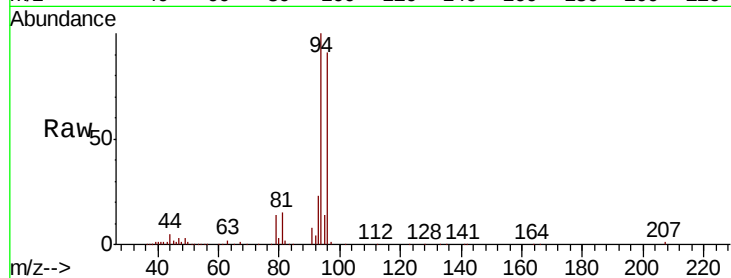
VSTDCCC050EC

Tgt Ion: 94 Resp: 50510

Ion Ratio Lower Upper

94 100

96 91.5 72.9 109.3



#6

Chloroethane

Concen: 49.273 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012533.D

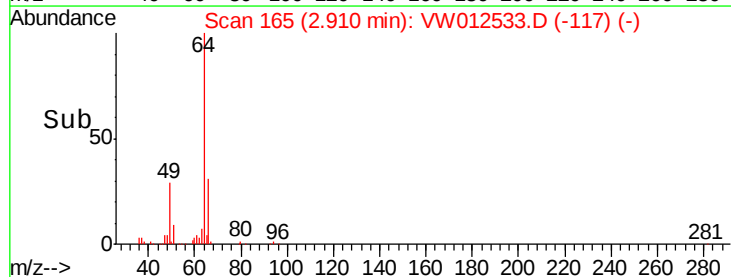
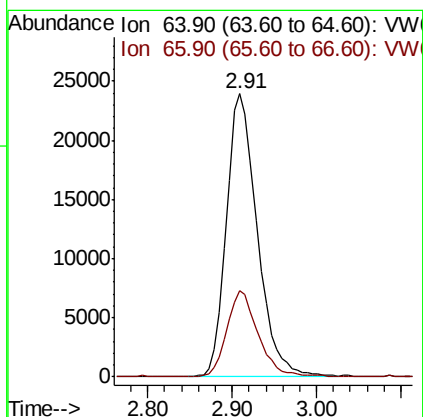
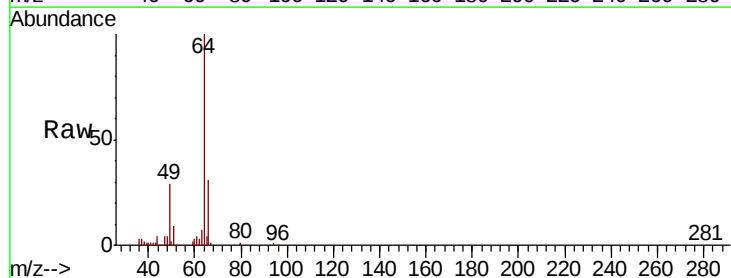
Acq: 03 Sep 2019 07:06

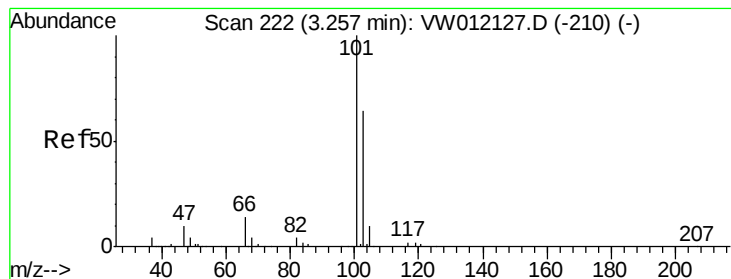
Tgt Ion: 64 Resp: 59689

Ion Ratio Lower Upper

64 100

66 30.6 23.8 35.8



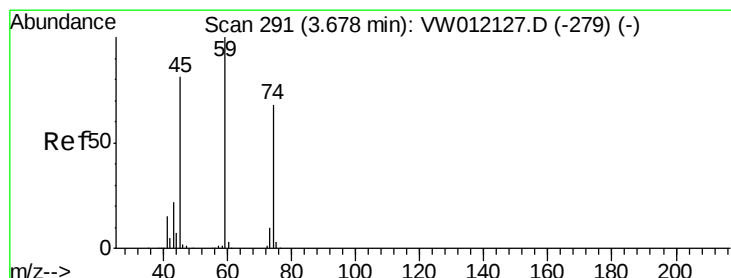
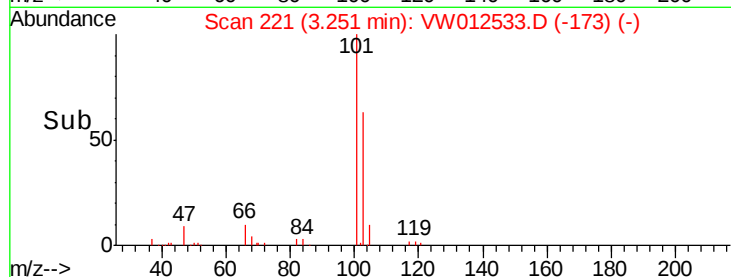
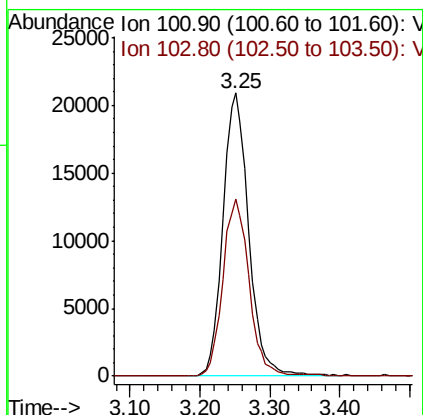
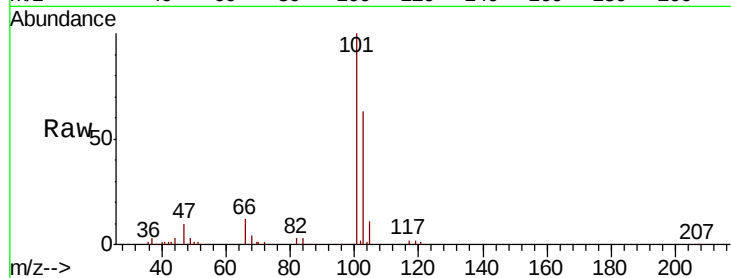


#7

Trichlorofluoromethane
 Concen: 49.552 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012533.D
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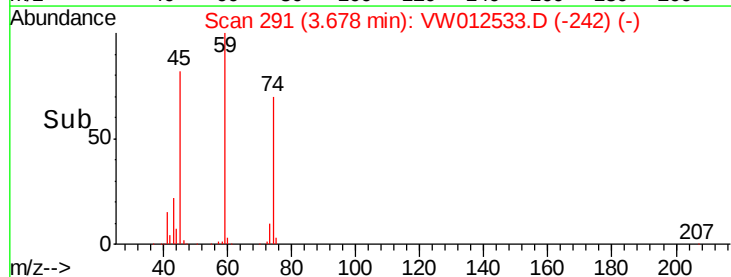
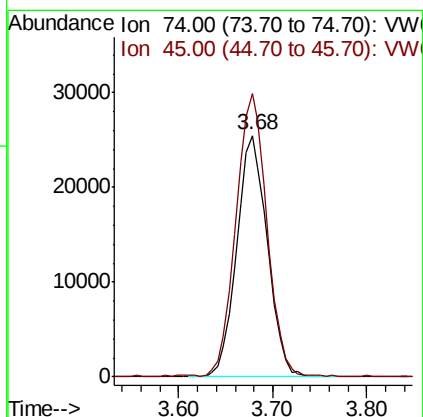
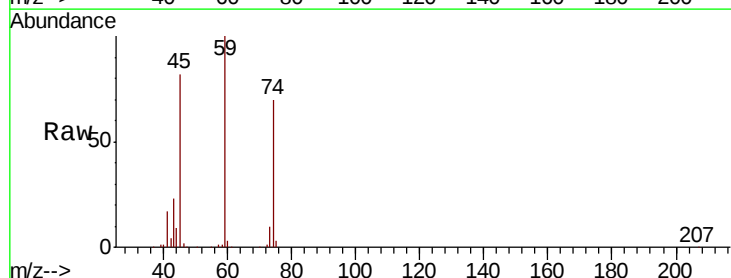
Tgt Ion:101 Resp: 53431
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.2 76.8

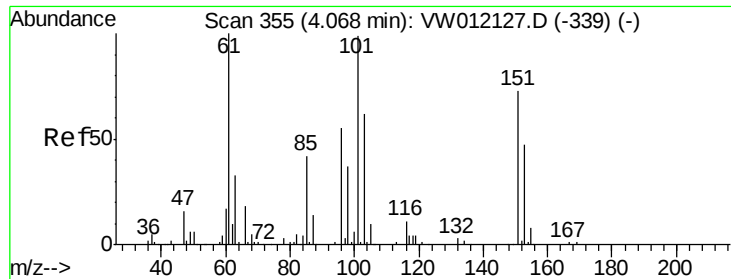


#8

Diethyl Ether
 Concen: 56.392 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion: 74 Resp: 57716
 Ion Ratio Lower Upper
 74 100
 45 118.6 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.812 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

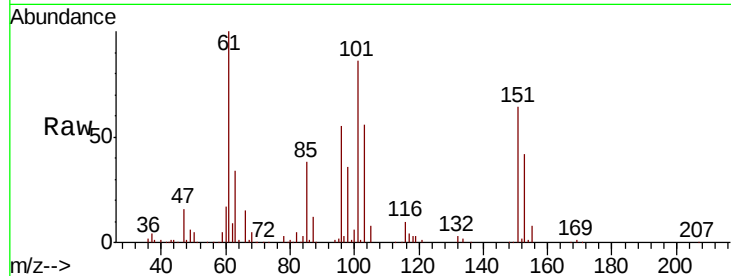
Tgt Ion:101 Resp: 87631

Ion Ratio Lower Upper

101 100

85 43.7 35.8 53.6

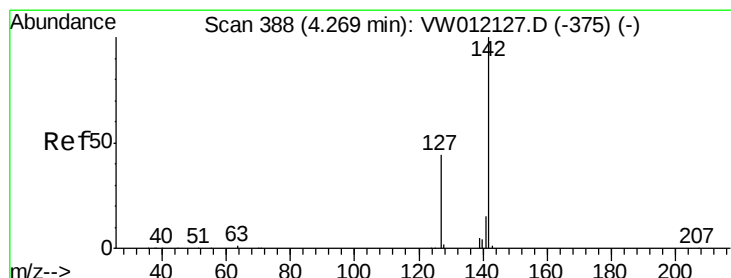
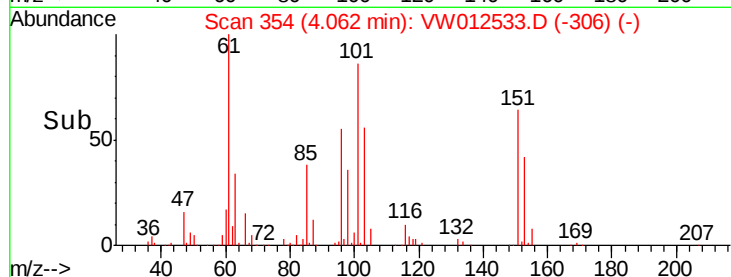
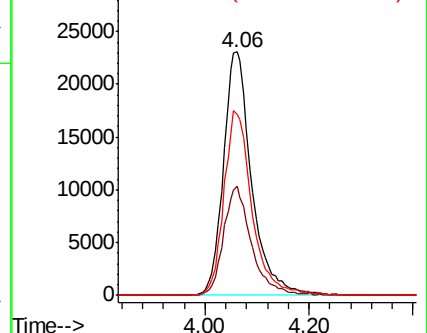
151 74.7 58.6 87.8



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: 54.930 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

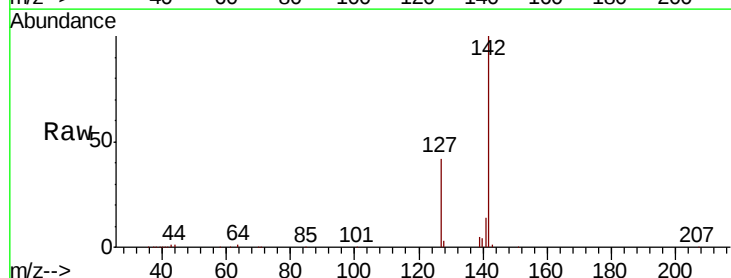
Tgt Ion:142 Resp: 136221

Ion Ratio Lower Upper

142 100

127 43.8 35.5 53.3

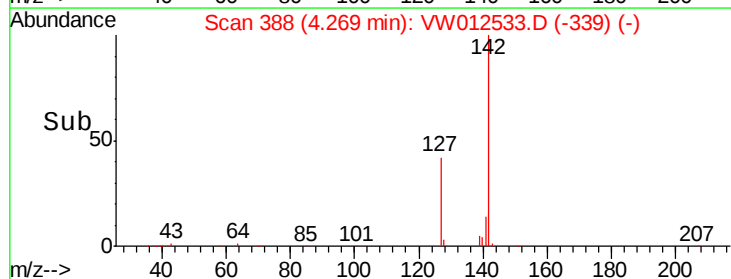
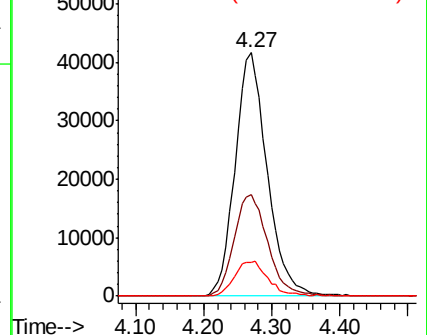
141 15.1 11.8 17.8

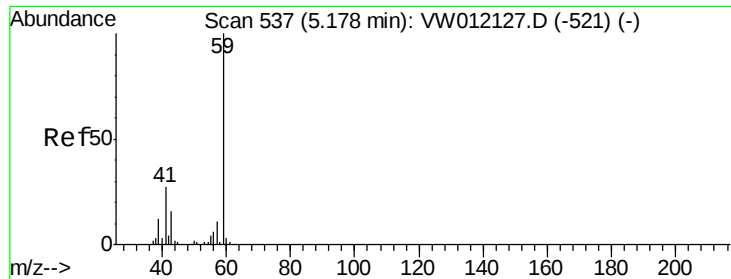


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



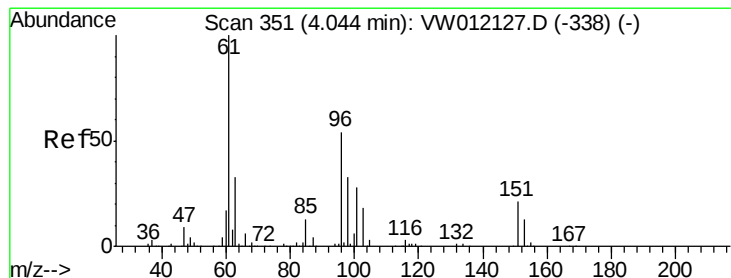
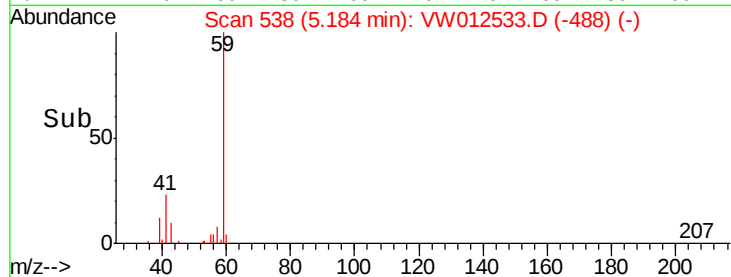
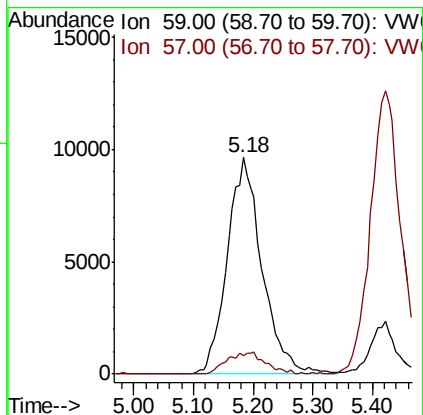
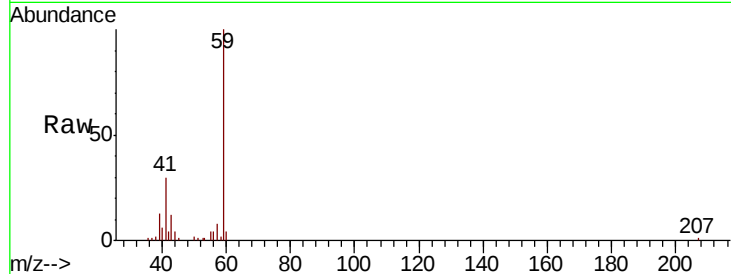


#11

Tert butyl alcohol
Concen: 297.787 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

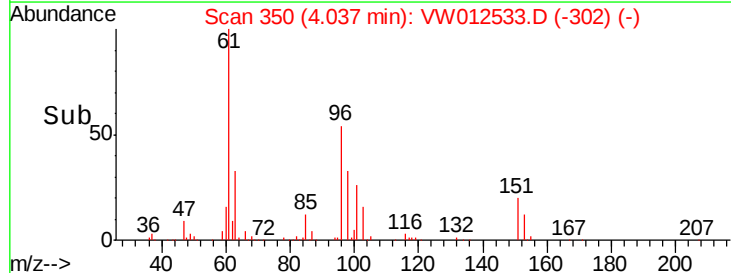
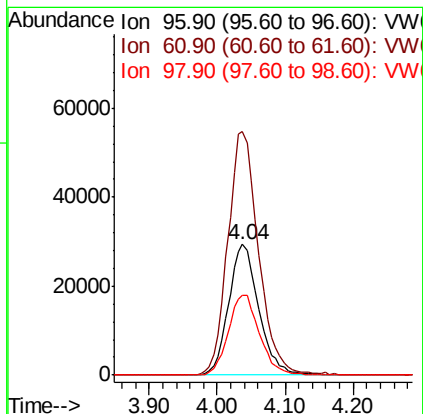
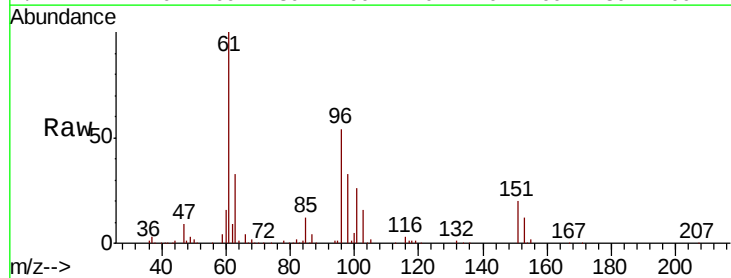
Tgt Ion: 59 Resp: 39180
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

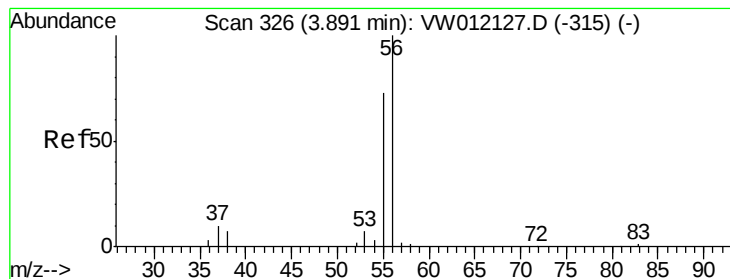


#12

1,1-Dichloroethene
Concen: 49.042 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 96 Resp: 90470
Ion Ratio Lower Upper
96 100
61 186.8 149.1 223.7
98 61.2 49.4 74.2





#13

Acrolein

Concen: 49.398 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

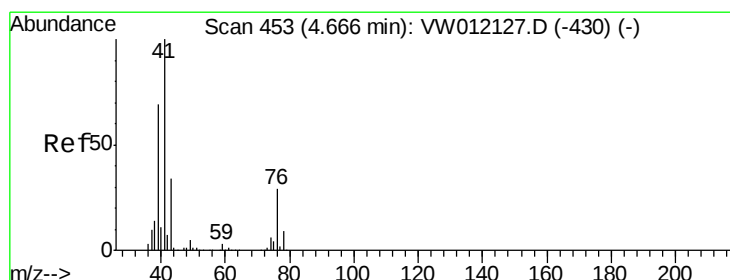
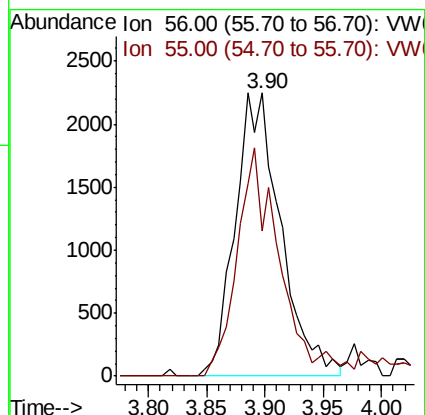
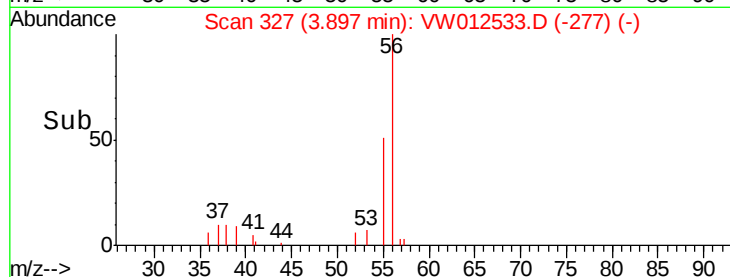
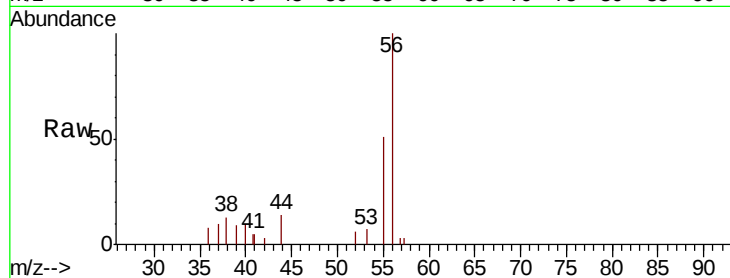
VSTDCCC050EC

Tgt Ion: 56 Resp: 6118

Ion Ratio Lower Upper

56 100

55 71.9 55.8 83.8



#14

Allyl chloride

Concen: 51.442 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

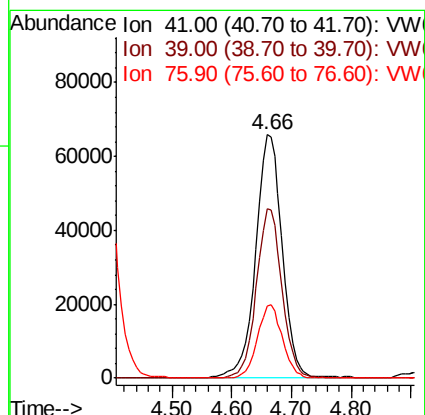
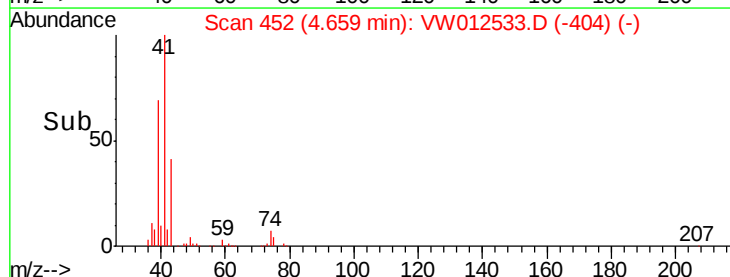
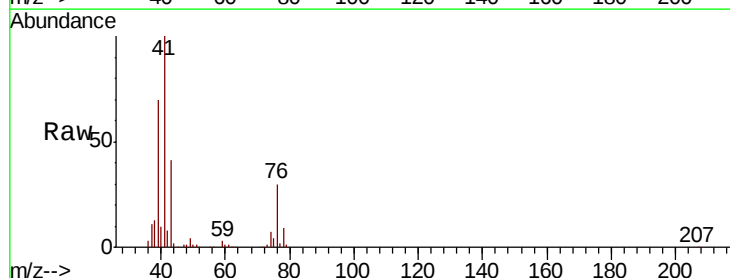
Tgt Ion: 41 Resp: 202876

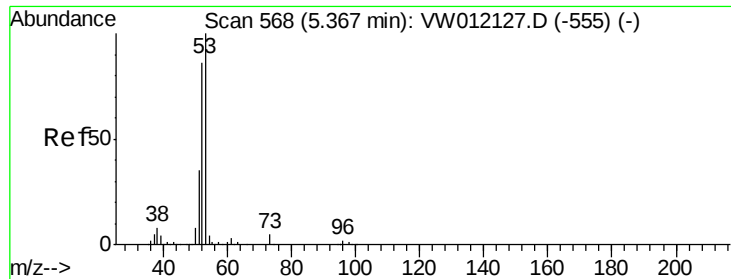
Ion Ratio Lower Upper

41 100

39 67.1 53.4 80.2

76 28.4 22.1 33.1





#15

Acrylonitrile

Concen: 285.868 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

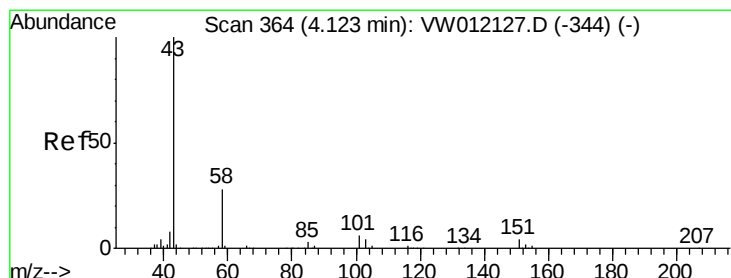
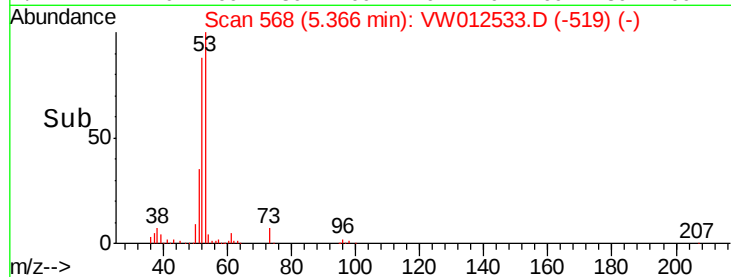
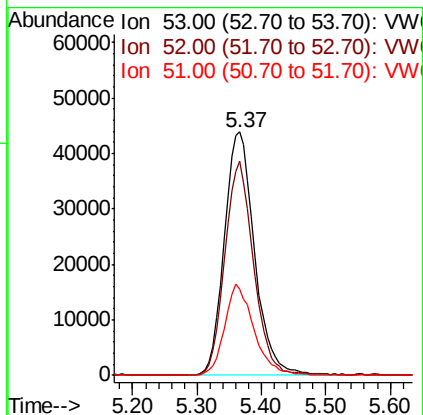
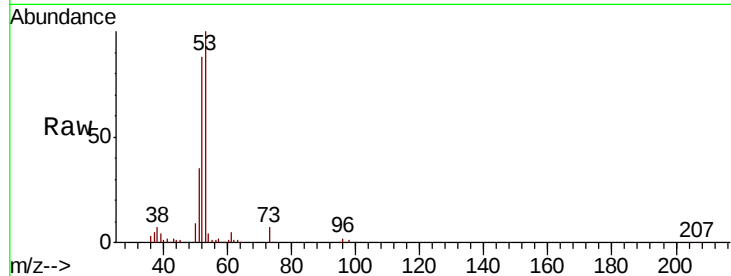
Tgt Ion: 53 Resp: 145021

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

51 36.5 30.1 45.1



#16

Acetone

Concen: 218.123 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012533.D

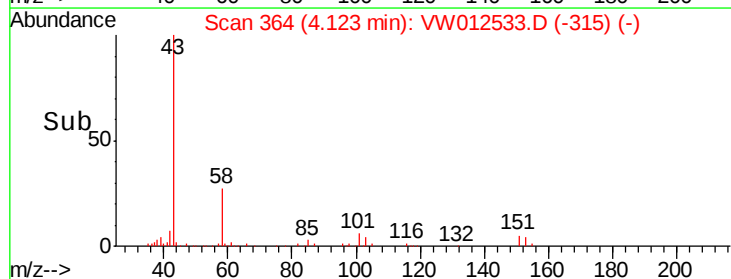
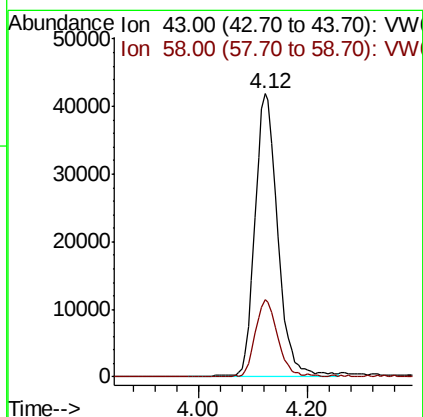
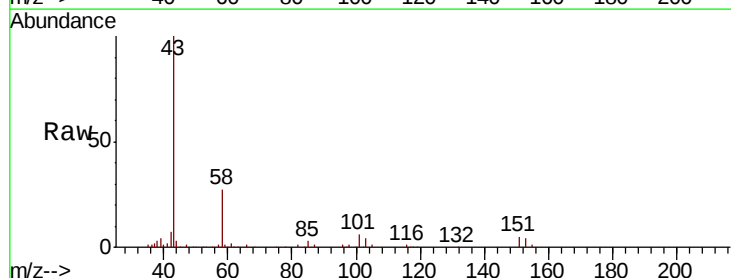
Acq: 03 Sep 2019 07:06

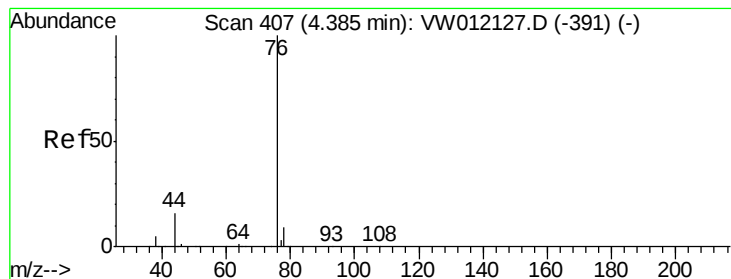
Tgt Ion: 43 Resp: 121901

Ion Ratio Lower Upper

43 100

58 27.1 22.4 33.6





#17

Carbon Disulfide

Concen: 45.008 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

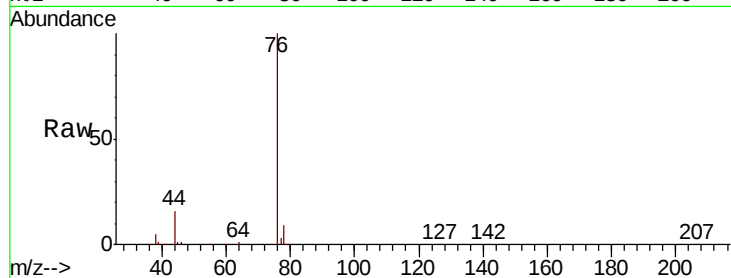
VSTDCCC050EC

Tgt Ion: 76 Resp: 250930

Ion Ratio Lower Upper

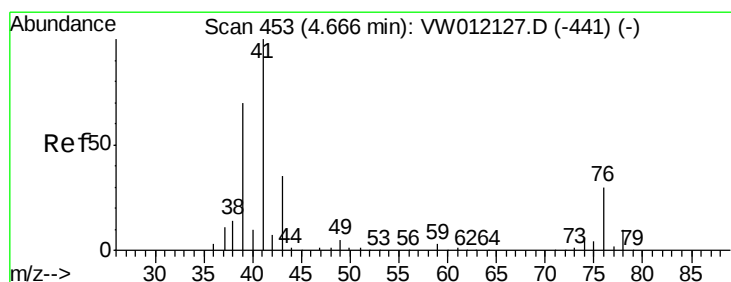
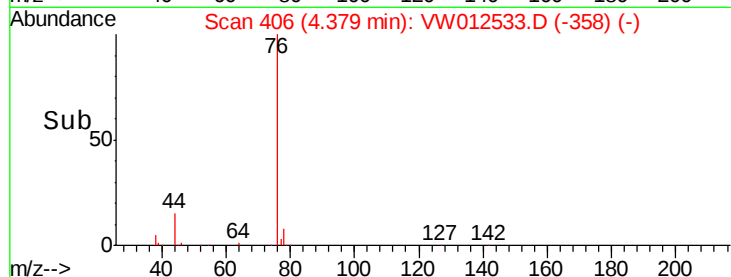
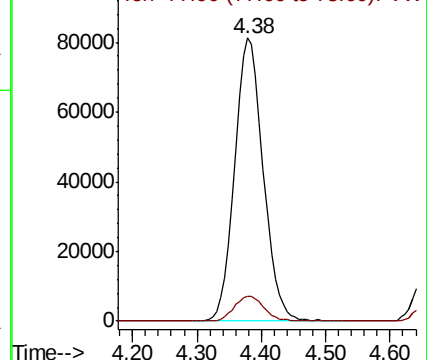
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 63.525 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012533.D

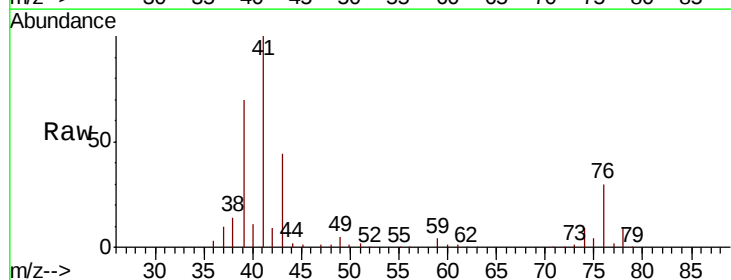
Acq: 03 Sep 2019 07:06

Tgt Ion: 43 Resp: 87932

Ion Ratio Lower Upper

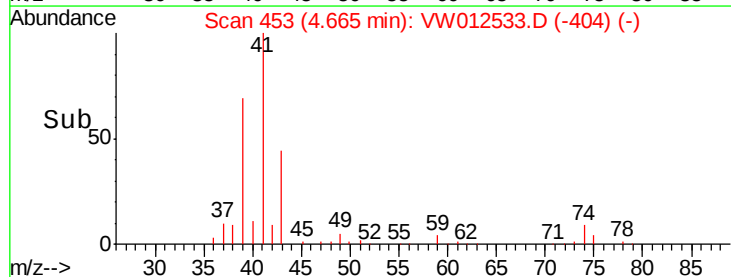
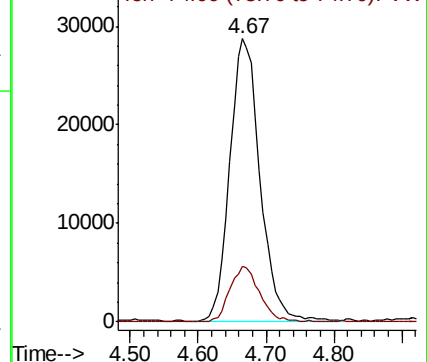
43 100

74 19.6 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

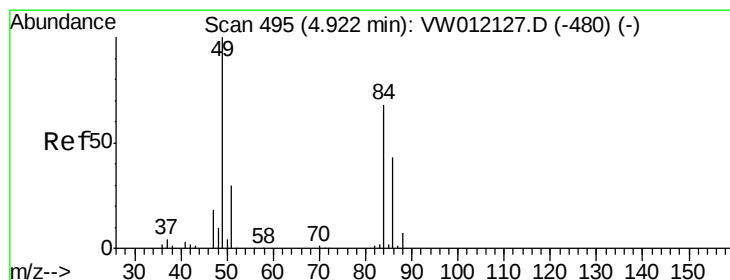
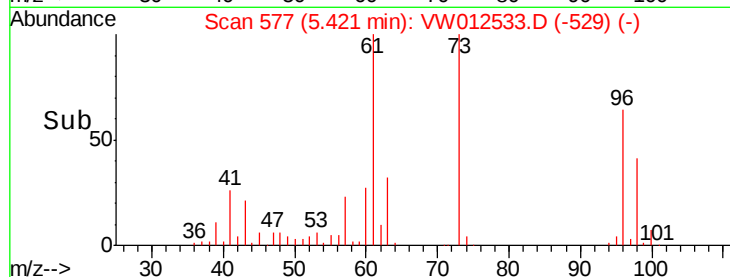
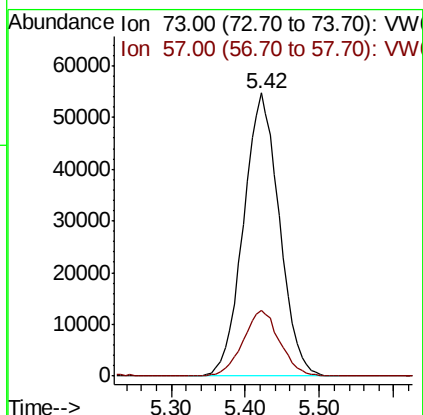
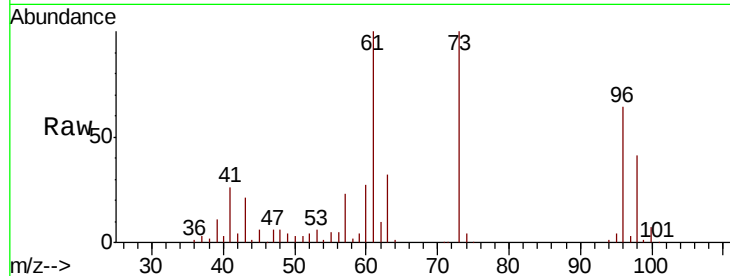




#19
Methyl tert-butyl Ether
Concen: 61.896 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

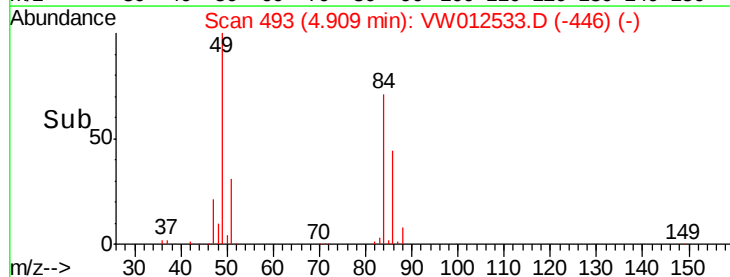
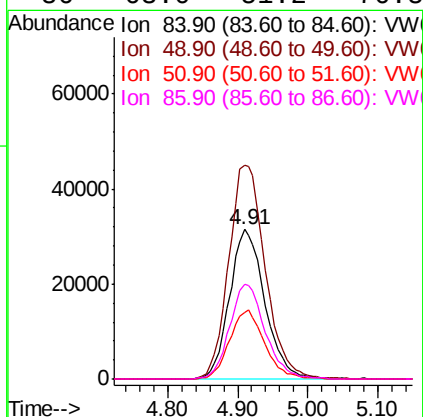
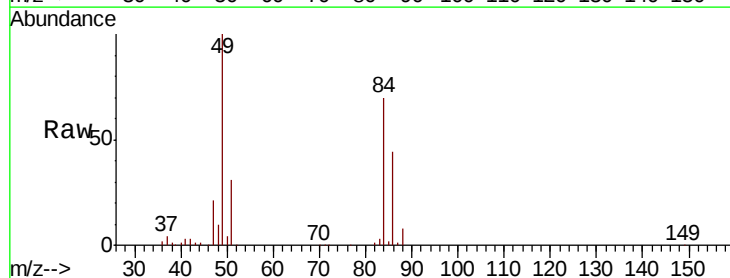
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

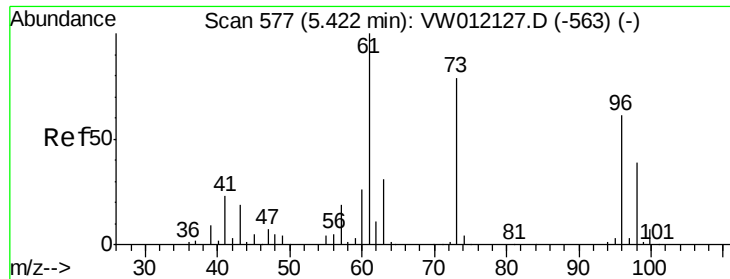
Tgt Ion: 73 Resp: 184653
Ion Ratio Lower Upper
73 100
57 23.0 18.9 28.3



#20
Methylene Chloride
Concen: 52.200 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 84 Resp: 110284
Ion Ratio Lower Upper
84 100
49 142.6 117.8 176.8
51 44.5 35.6 53.4
86 63.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.533 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

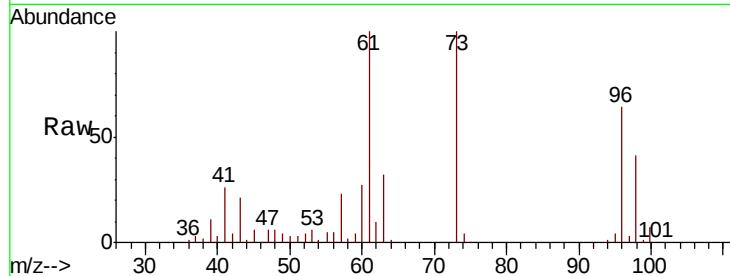
Tgt Ion: 96 Resp: 105901

Ion Ratio Lower Upper

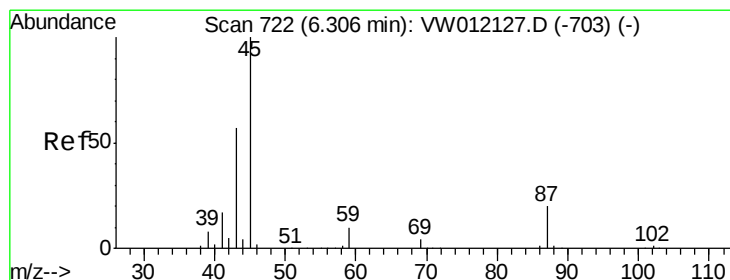
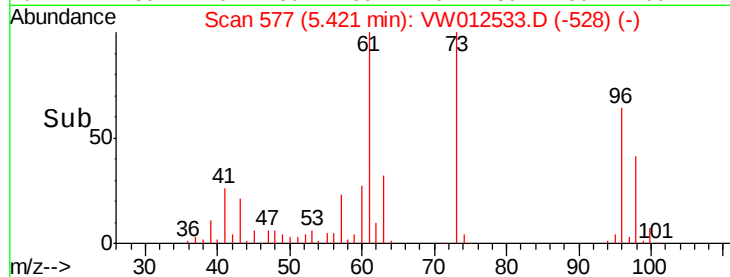
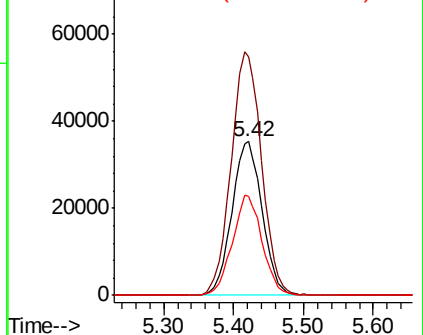
96 100

61 155.1 131.4 197.0

98 64.0 51.4 77.0



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: 57.080 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Tgt Ion: 45 Resp: 417271

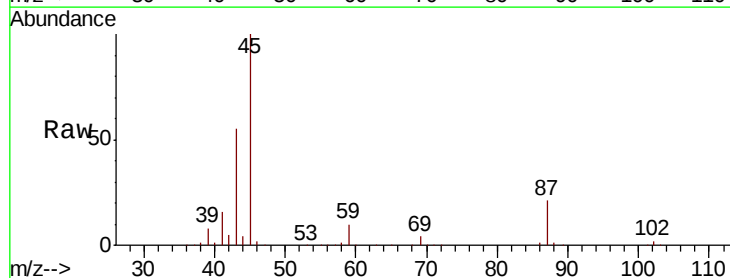
Ion Ratio Lower Upper

45 100

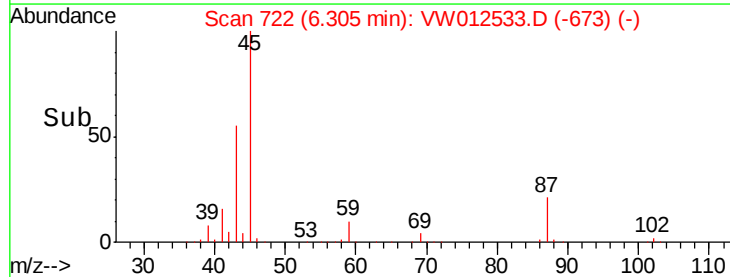
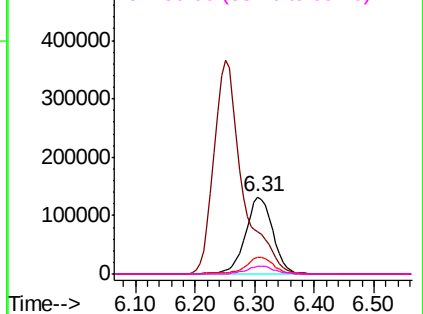
43 54.4 45.5 68.3

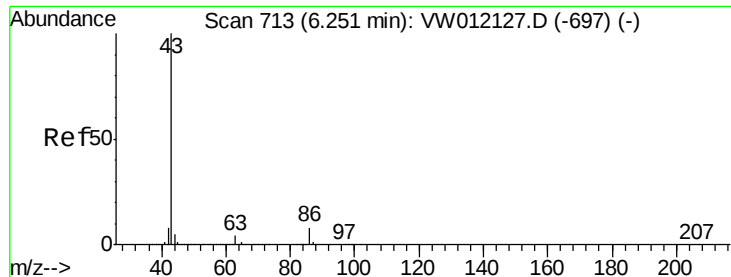
87 21.2 16.1 24.1

59 9.8 8.2 12.2



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: 269.268 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

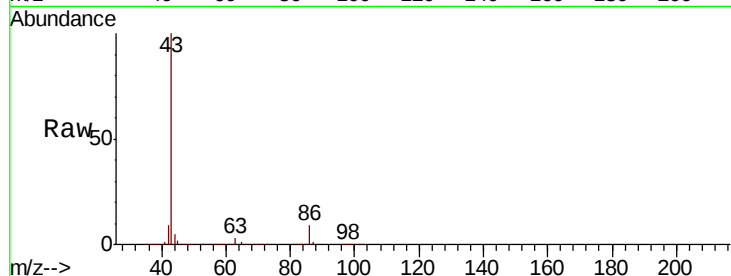
VSTDCCC050EC

Tgt Ion: 43 Resp: 1211391

Ion Ratio Lower Upper

43 100

86 8.6 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

300000

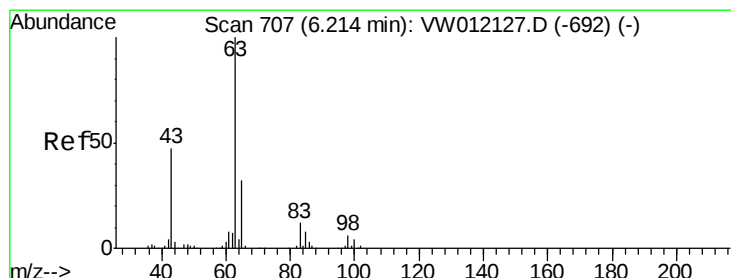
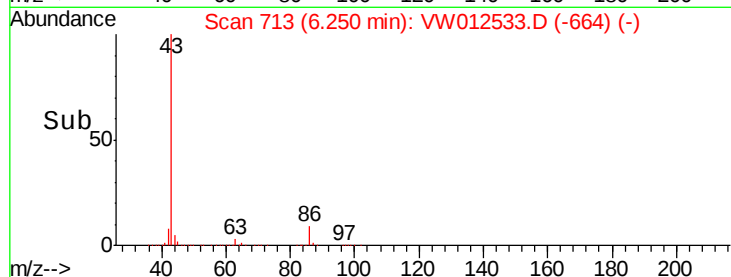
200000

100000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 54.827 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

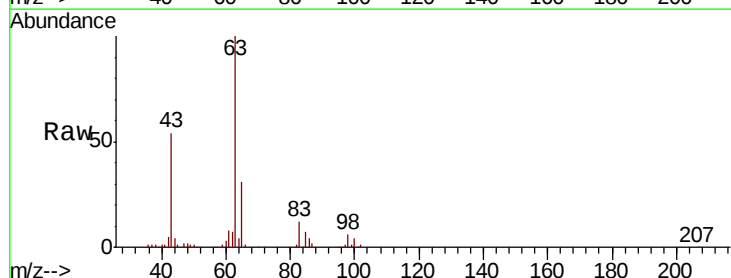
Tgt Ion: 63 Resp: 218228

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

100000

80000

60000

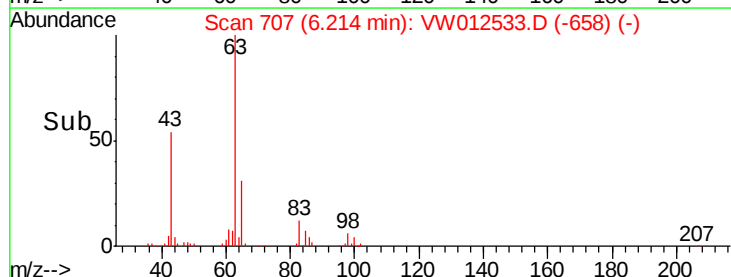
40000

20000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 257.133 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

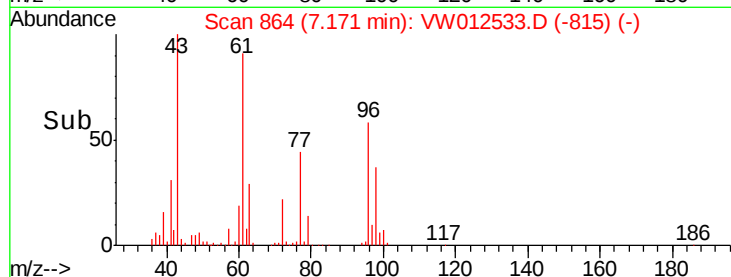
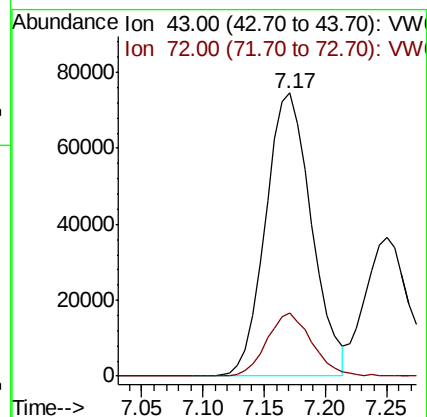
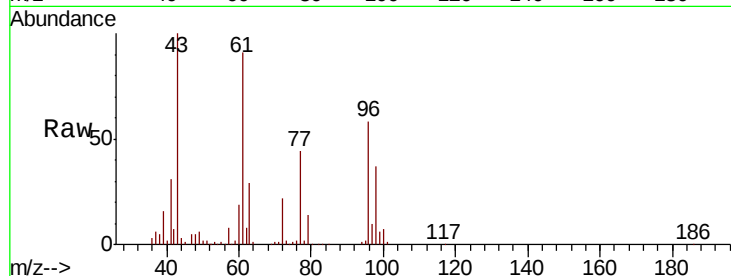
VSTDCCC050EC

Tgt Ion: 43 Resp: 195275

Ion Ratio Lower Upper

43 100

72 22.3 16.6 24.8



#26

2,2-Dichloropropane

Concen: 44.822 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012533.D

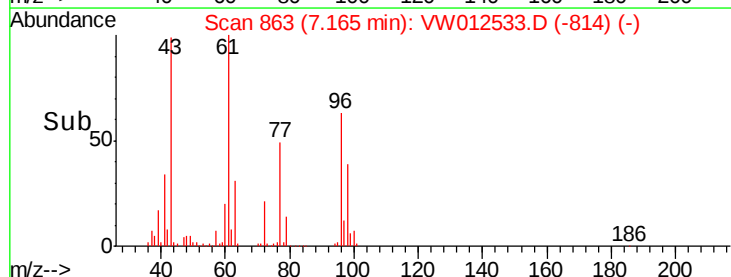
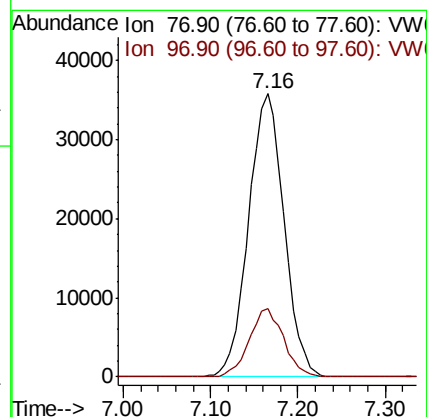
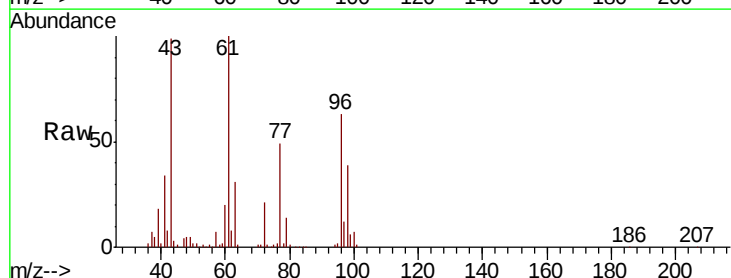
Acq: 03 Sep 2019 07:06

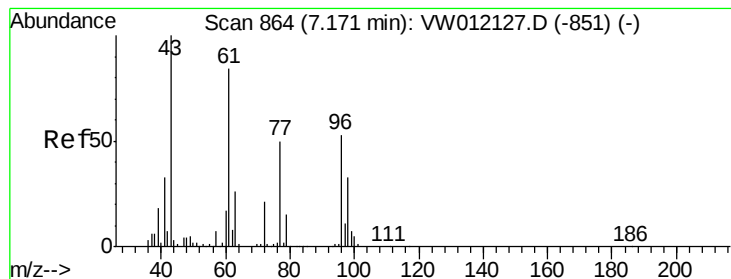
Tgt Ion: 77 Resp: 100980

Ion Ratio Lower Upper

77 100

97 23.3 11.1 33.1



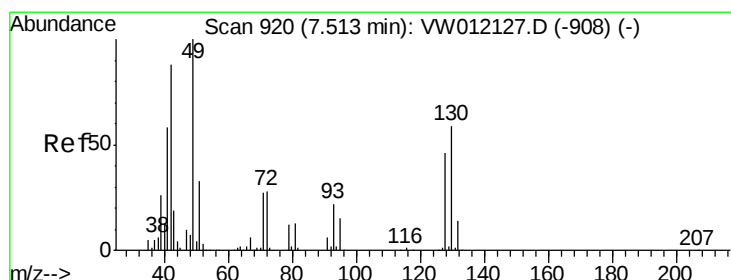
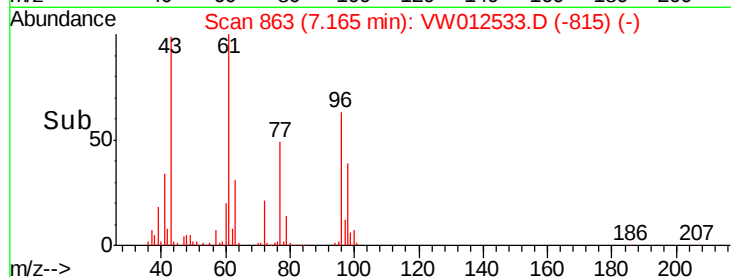
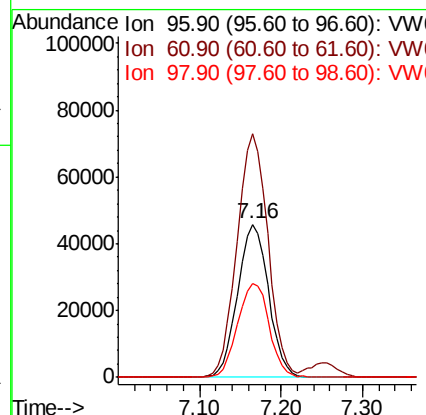
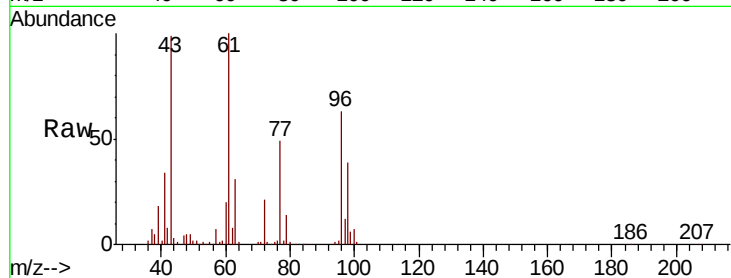


#27

cis-1,2-Dichloroethene
Concen: 56.686 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

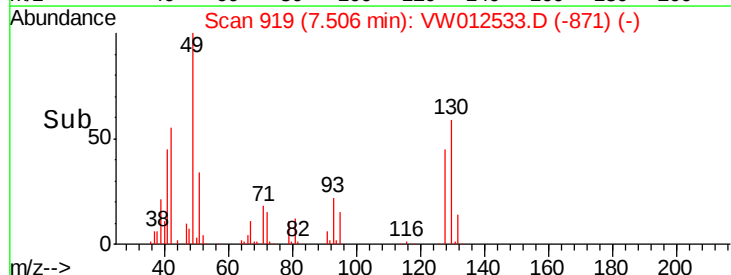
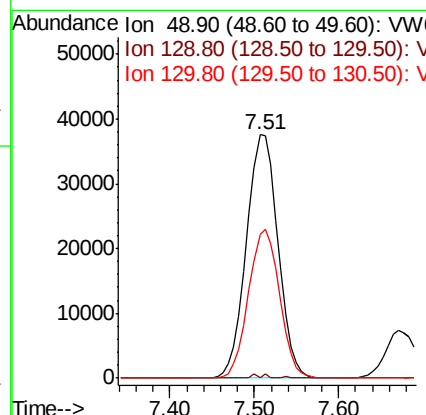
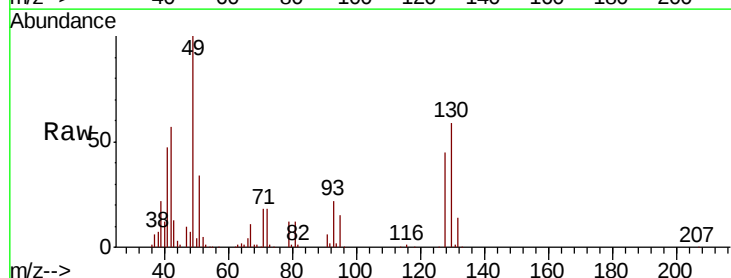
Tgt Ion: 96 Resp: 119809
Ion Ratio Lower Upper
96 100
61 159.7 0.0 326.6
98 62.8 0.0 127.4

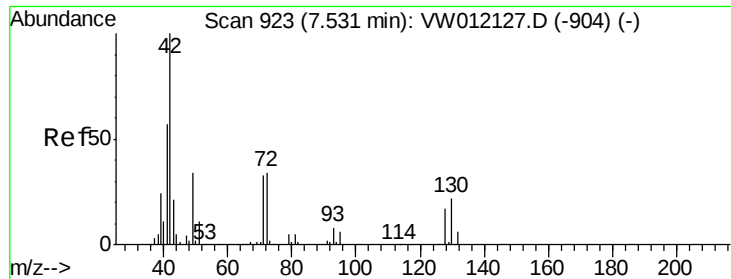


#28

Bromochloromethane
Concen: 54.961 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 49 Resp: 95347
Ion Ratio Lower Upper
49 100
129 0.6 0.0 1.4
130 60.2 45.5 68.3

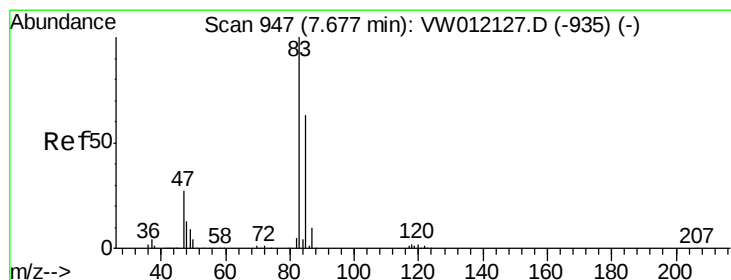
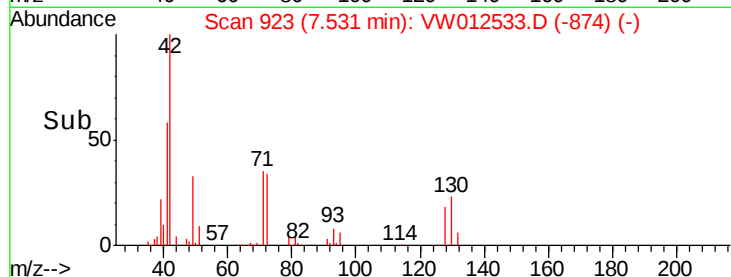
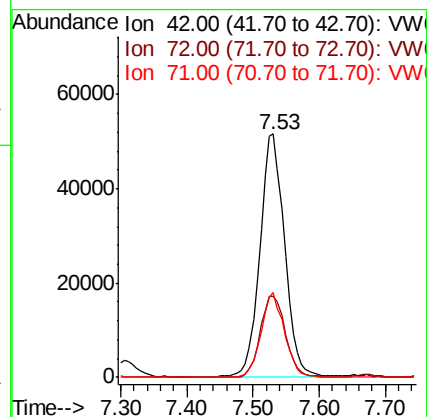
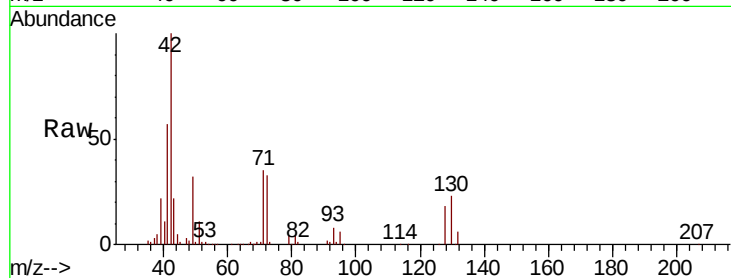




#29
Tetrahydrofuran
Concen: 297.013 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

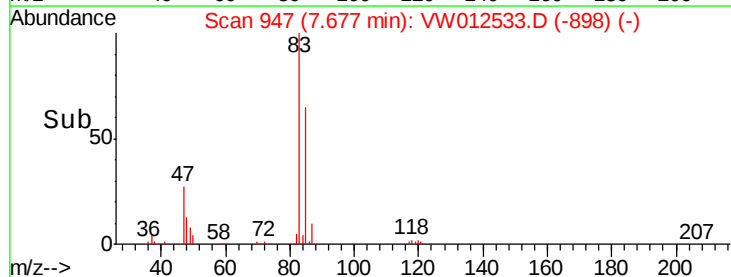
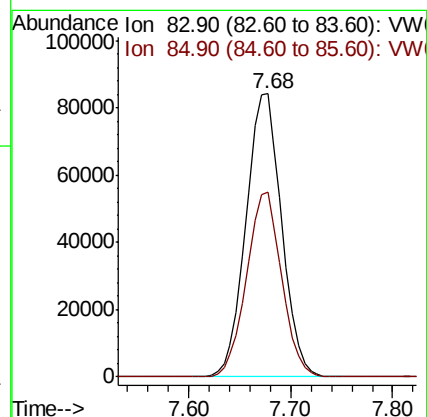
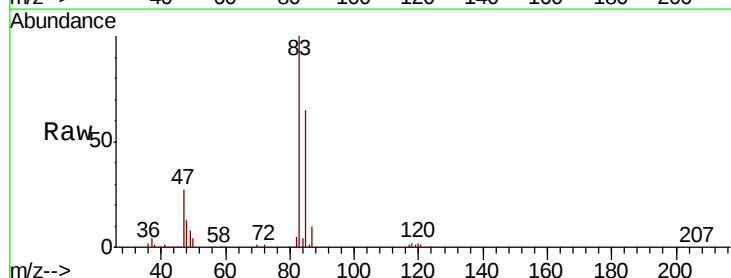
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

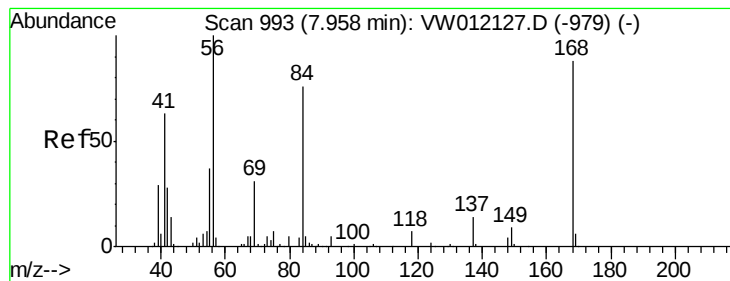
Tgt Ion: 42 Resp: 135327
Ion Ratio Lower Upper
42 100
72 34.0 27.3 40.9
71 32.6 25.5 38.3



#30
Chloroform
Concen: 56.304 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 83 Resp: 205034
Ion Ratio Lower Upper
83 100
85 65.4 50.6 76.0





#31

Cyclohexane

Concen: 43.325 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

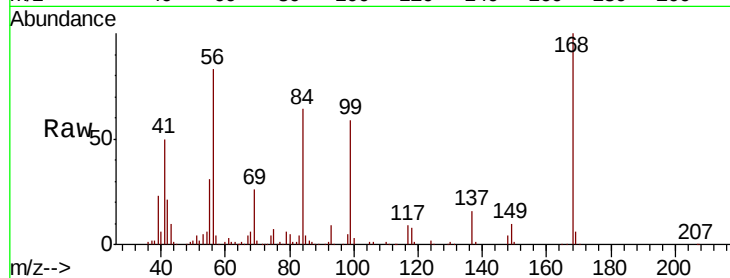
Tgt Ion: 56 Resp: 170614

Ion Ratio Lower Upper

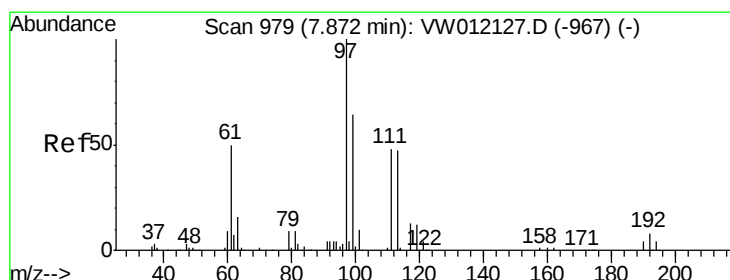
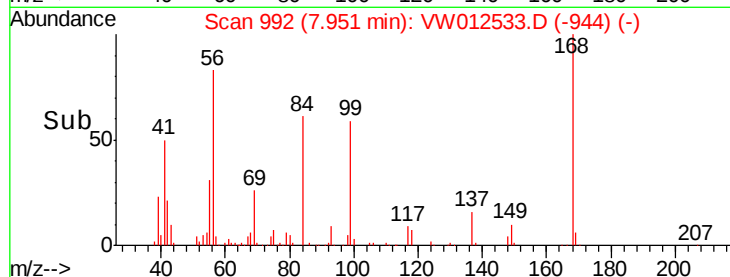
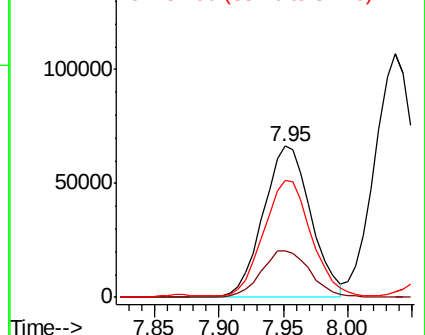
56 100

69 31.1 24.9 37.3

84 75.7 60.6 90.8



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: 54.741 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

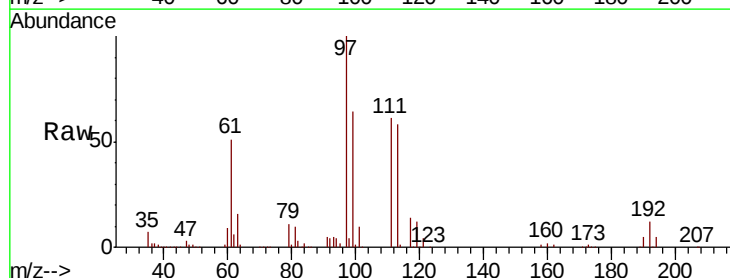
Tgt Ion: 97 Resp: 157696

Ion Ratio Lower Upper

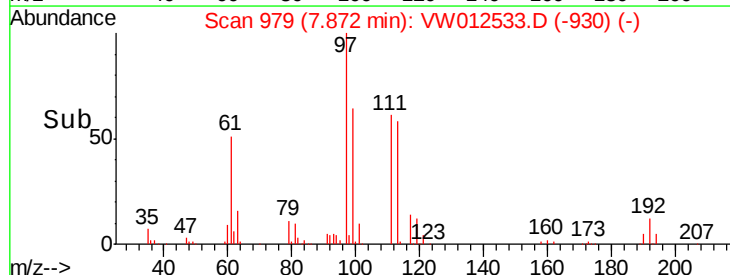
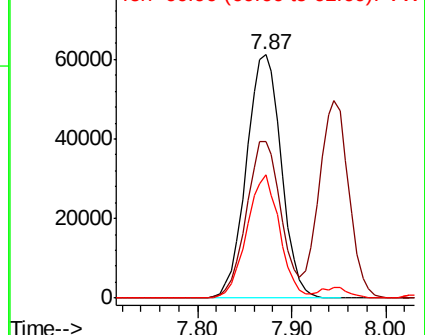
97 100

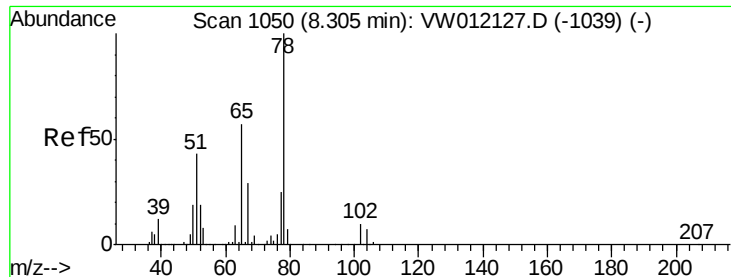
99 64.2 51.4 77.0

61 47.8 39.5 59.3



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

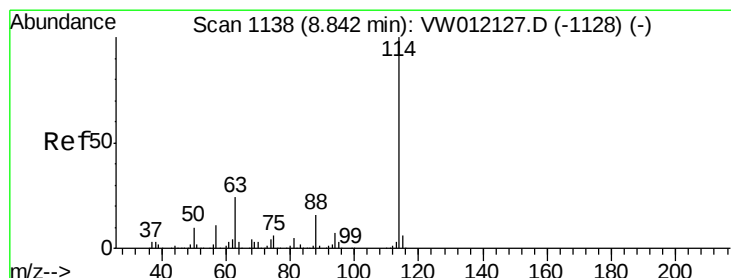
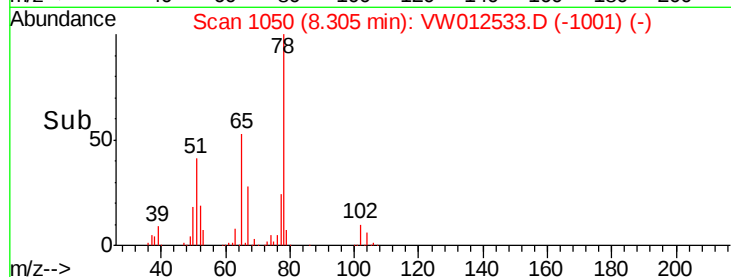
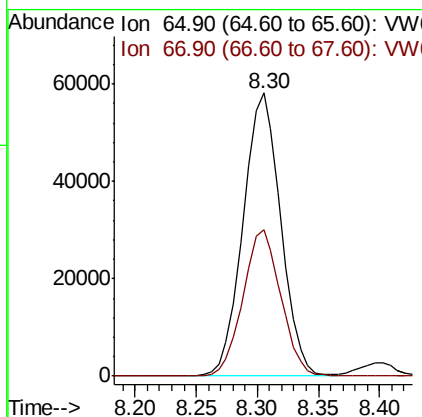
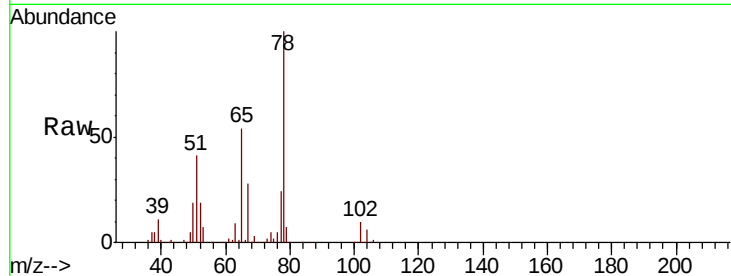




#33
 1,2-Dichloroethane-d4
 Concen: 56.943 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

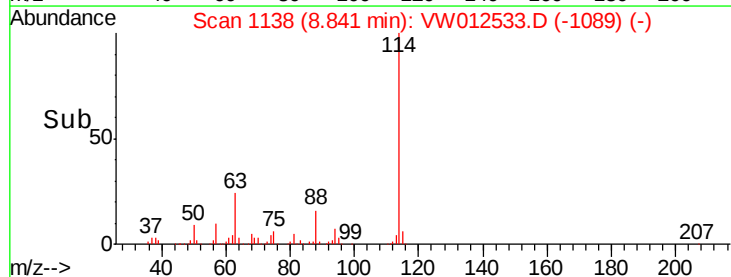
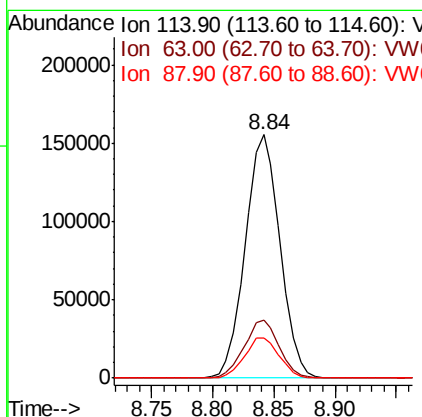
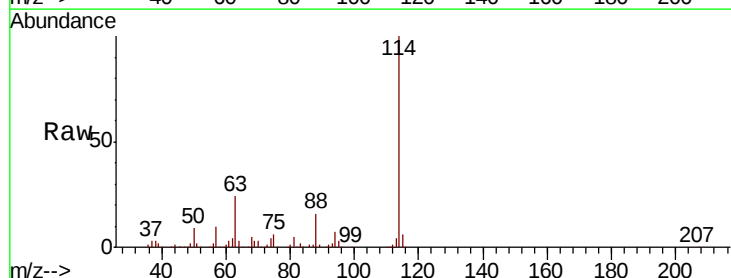
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 124494
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion: 114 Resp: 306569
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 16.5 0.0 32.2

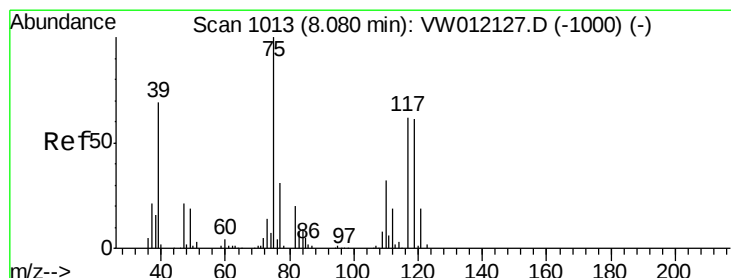
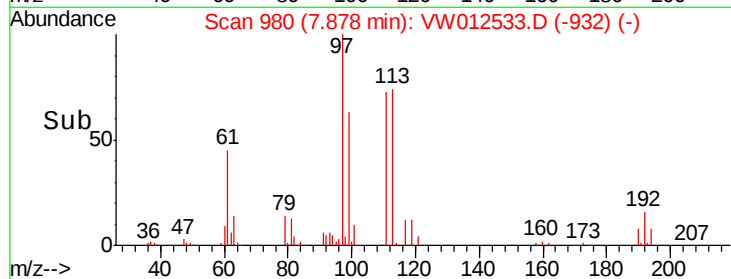
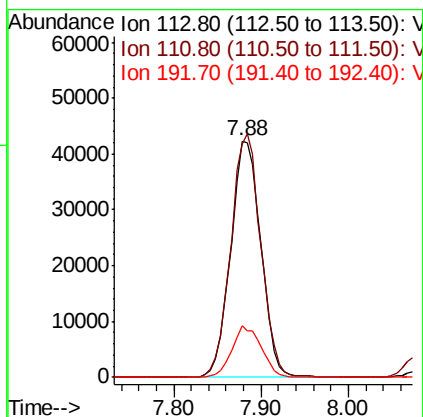
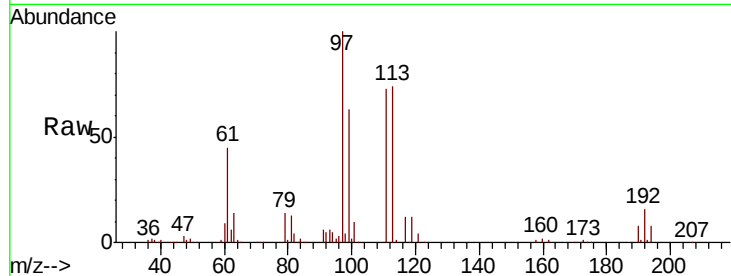




#35
 Dibromofluoromethane
 Concen: 55.619 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

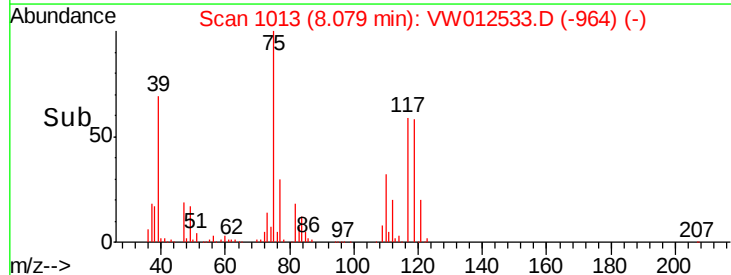
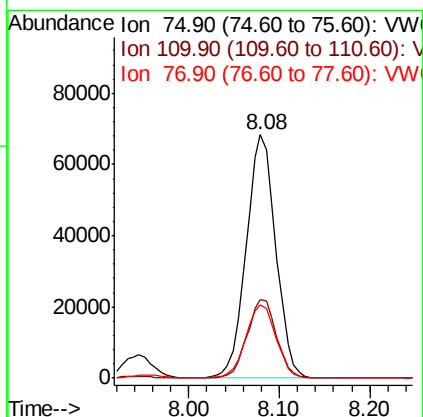
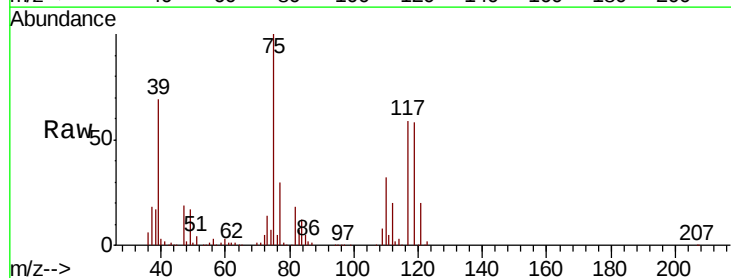
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 101779
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 21.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 48.515 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion: 75 Resp: 153696
 Ion Ratio Lower Upper
 75 100
 110 32.0 15.6 46.8
 77 31.2 24.6 36.8

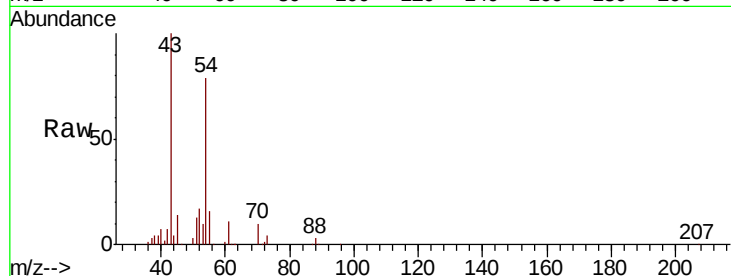




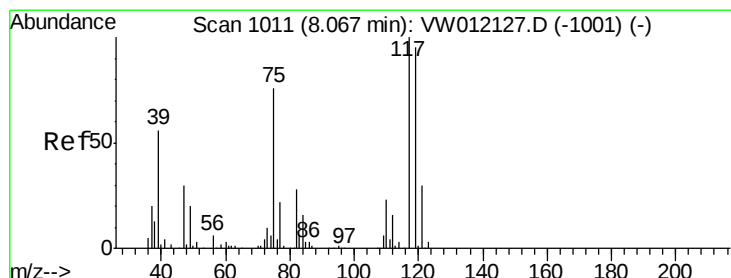
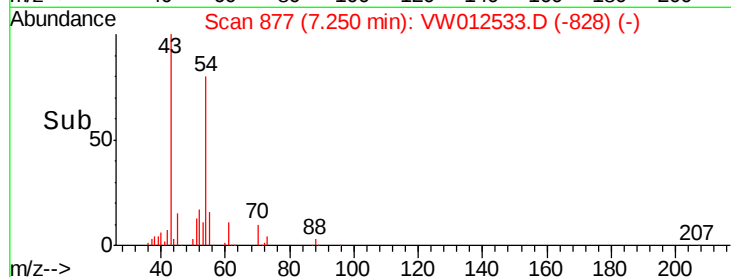
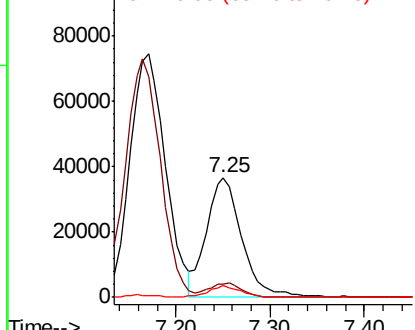
#37
Ethyl Acetate
Concen: 54.002 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 93750
Ion Ratio Lower Upper
43 100
61 11.8 9.2 13.8
70 8.9 6.9 10.3

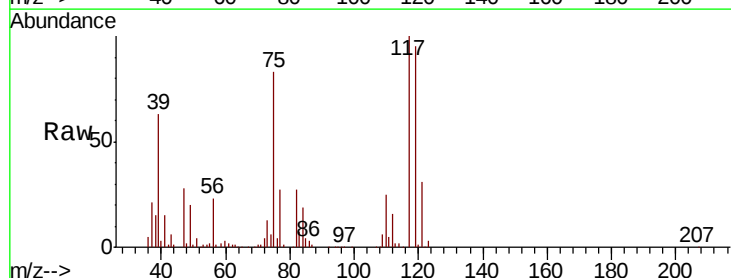


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

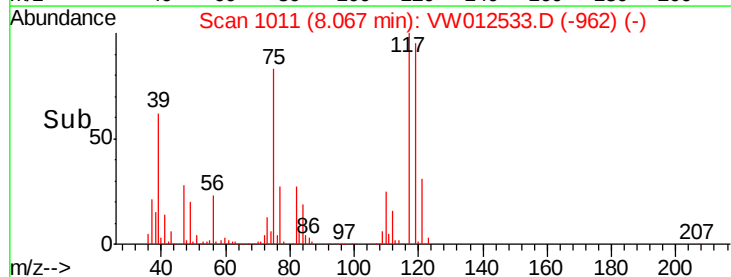
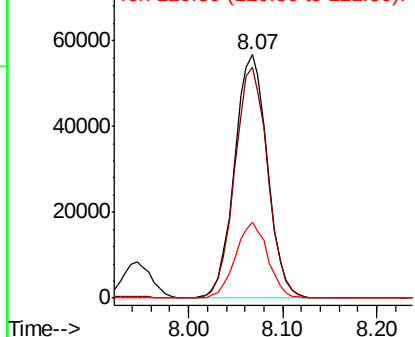


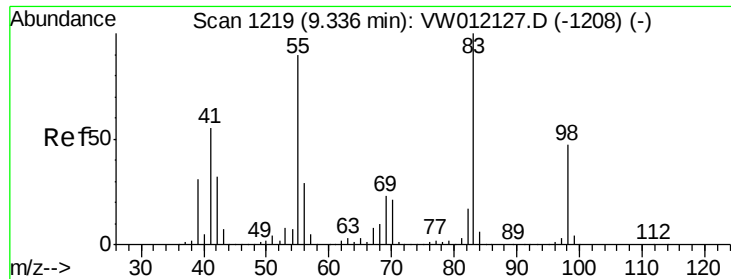
#38
Carbon Tetrachloride
Concen: 50.329 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 117 Resp: 138003
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2
121 31.2 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

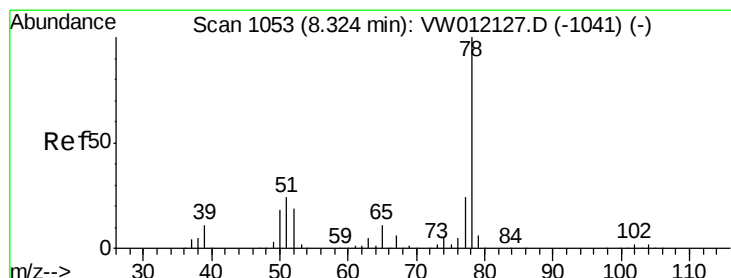
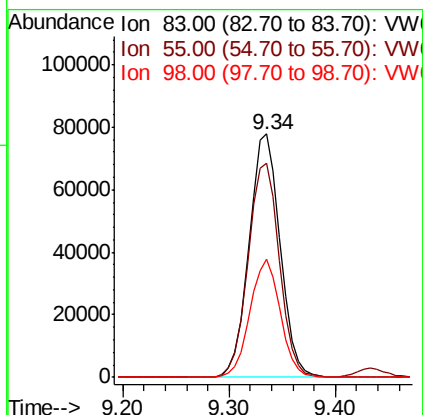
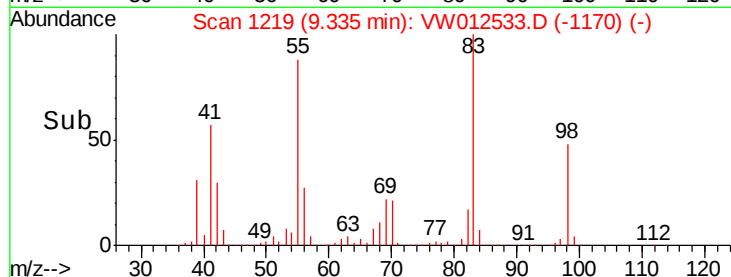
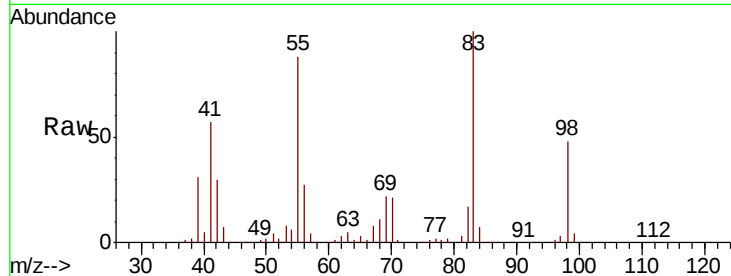




#39
Methylcyclohexane
Concen: 44.880 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

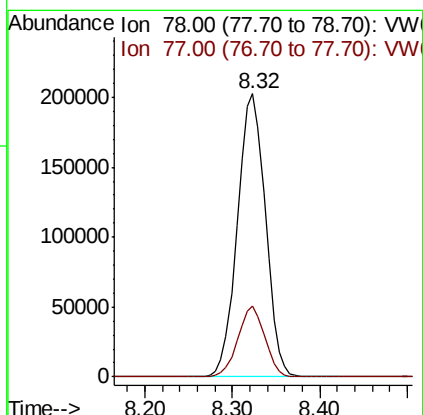
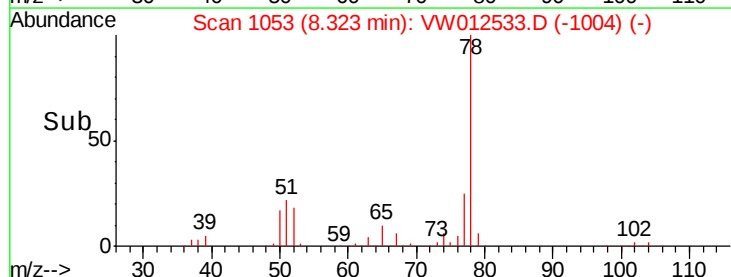
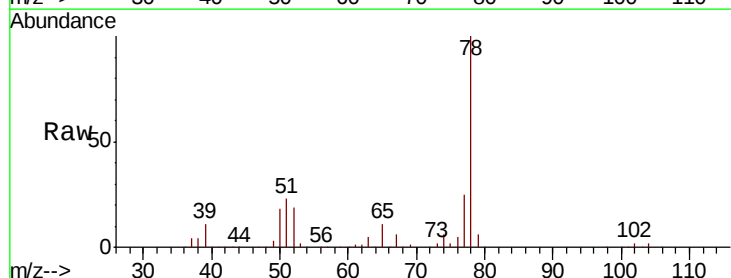
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 159730
Ion Ratio Lower Upper
83 100
55 88.2 71.8 107.8
98 48.4 37.8 56.8



#40
Benzene
Concen: 52.224 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 78 Resp: 451763
Ion Ratio Lower Upper
78 100
77 24.9 19.5 29.3

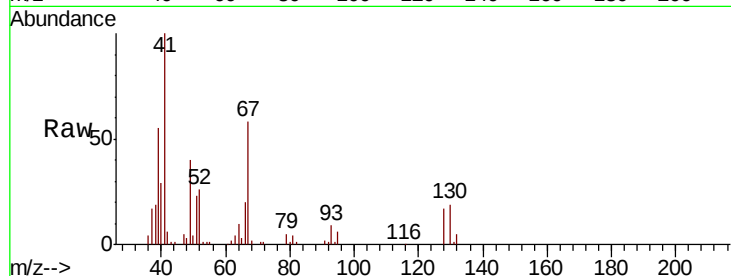




#41
Methacrylonitrile
Concen: 62.737 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	64012
Ion	Ratio	Lower	Upper
41	100		
39	52.3	45.8	68.8
67	51.1	46.2	69.4
52	23.7	21.0	31.6



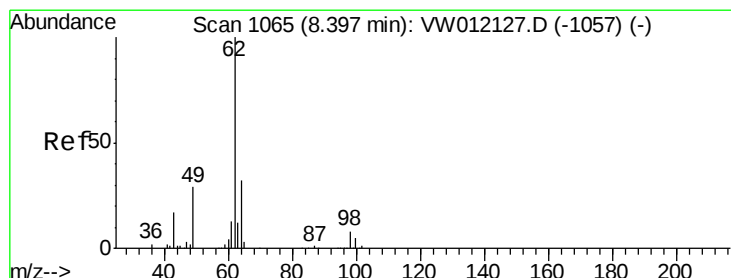
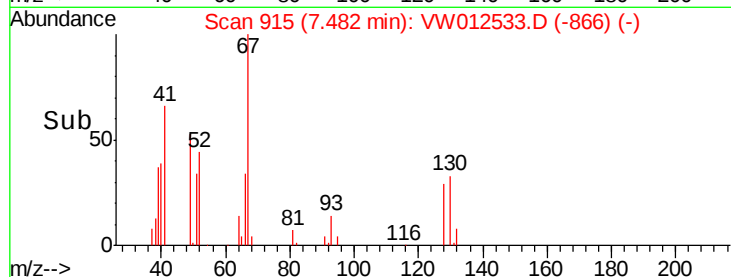
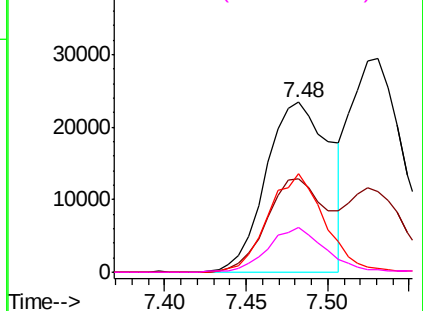
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

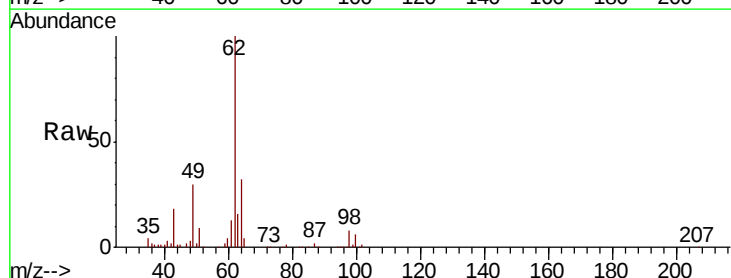
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 54.942 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

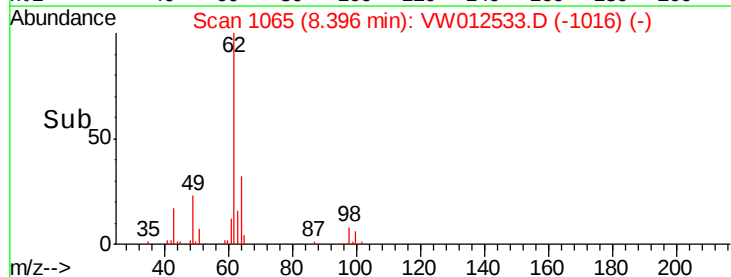
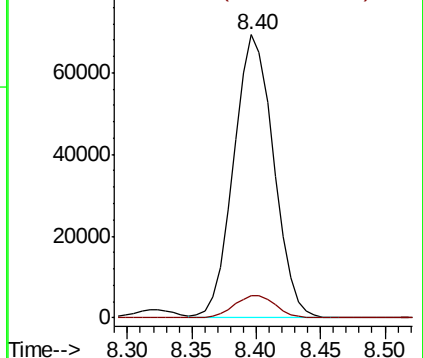
Tgt Ion:	62	Resp:	148956
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6

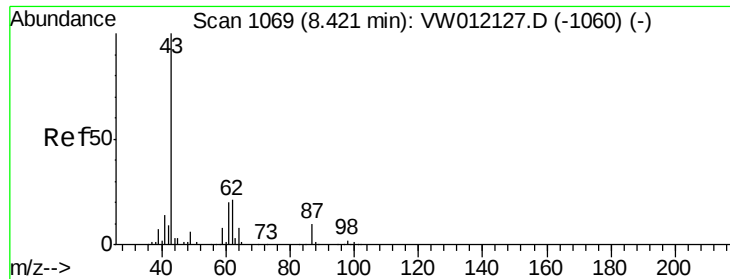


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

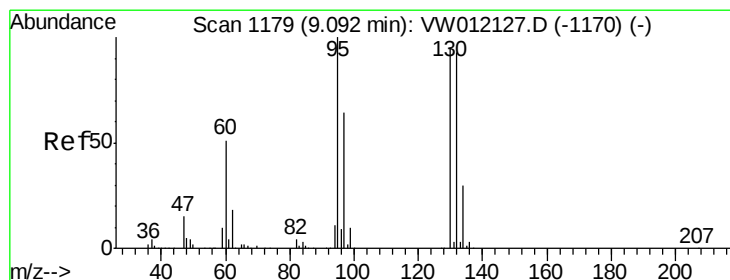
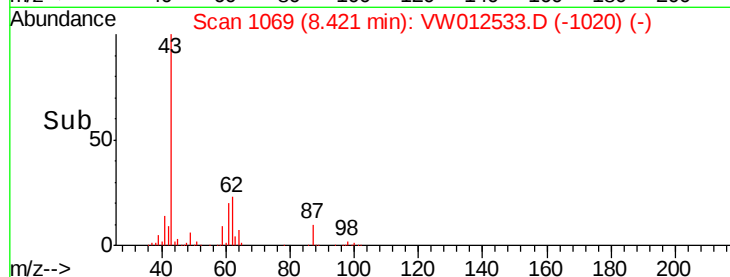
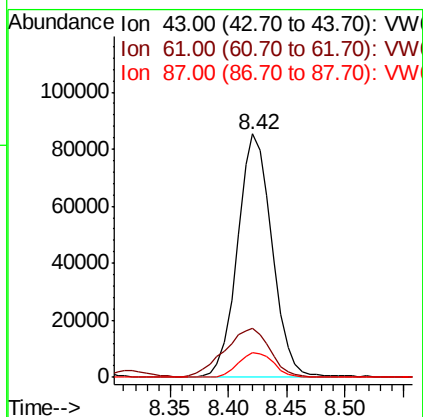
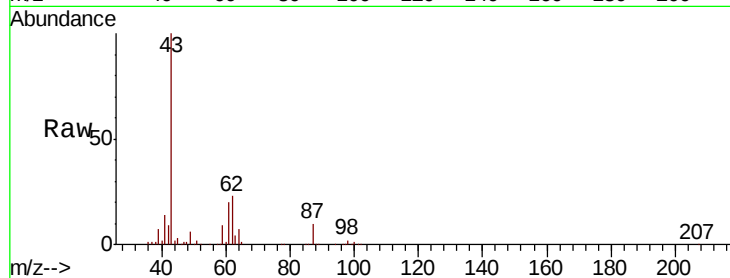




#43
Isopropyl Acetate
Concen: 54.707 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

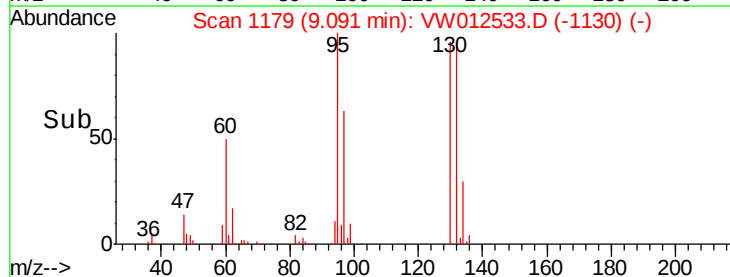
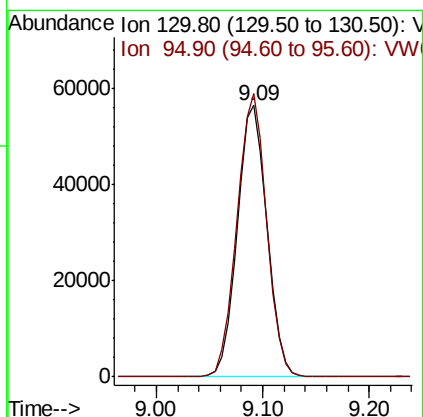
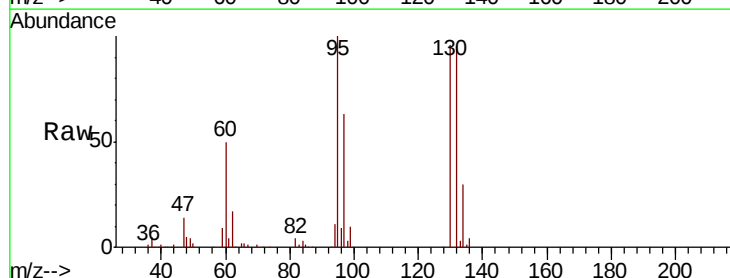
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

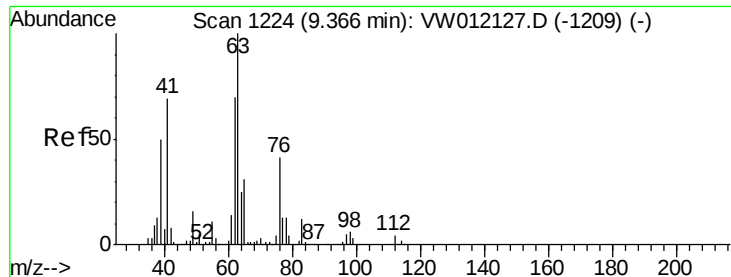
Tgt Ion: 43 Resp: 175921
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 10.7 8.2 12.2



#44
Trichloroethene
Concen: 52.653 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 130 Resp: 110724
Ion Ratio Lower Upper
130 100
95 104.3 0.0 210.6





#45

1,2-Dichloropropane

Concen: 52.615 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

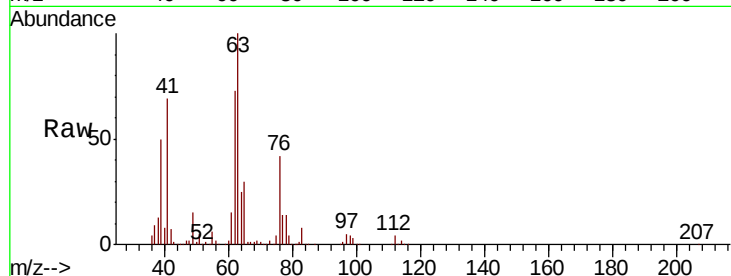
VSTDCCC050EC

Tgt Ion: 63 Resp: 122495

Ion Ratio Lower Upper

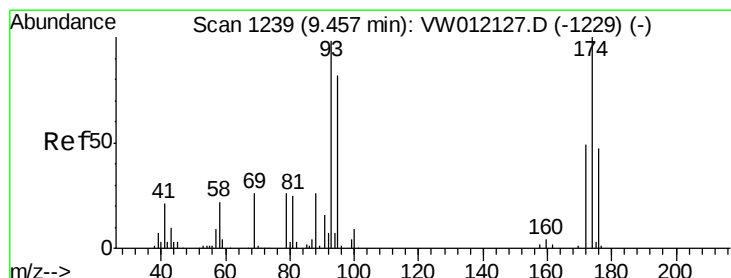
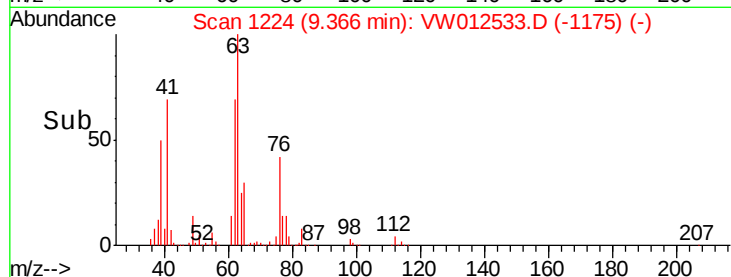
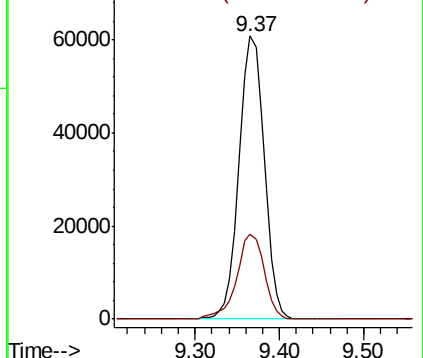
63 100

65 29.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 54.272 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

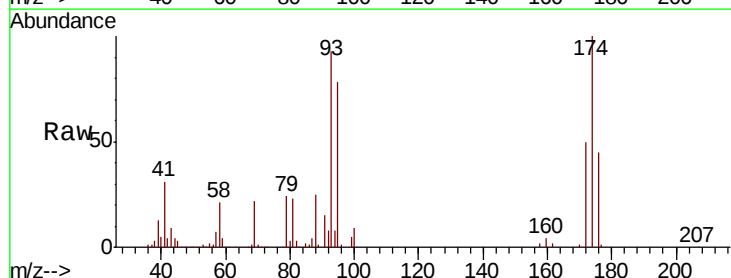
Tgt Ion: 93 Resp: 56218

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

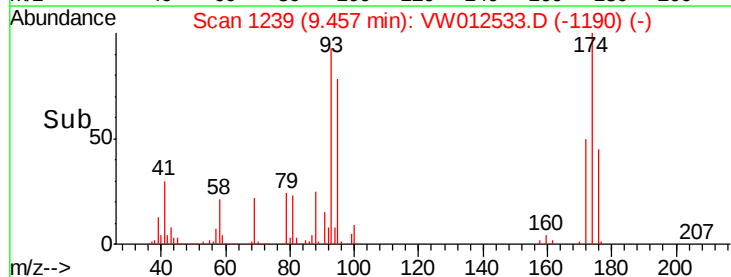
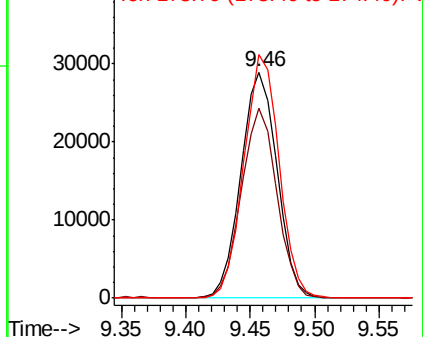
174 104.9 79.0 118.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.265 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

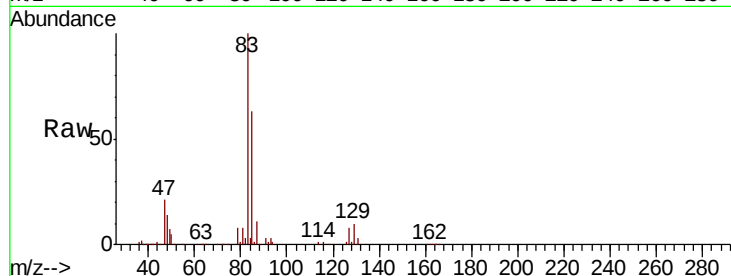
Tgt Ion: 83 Resp: 152356

Ion Ratio Lower Upper

83 100

85 62.9 49.4 74.2

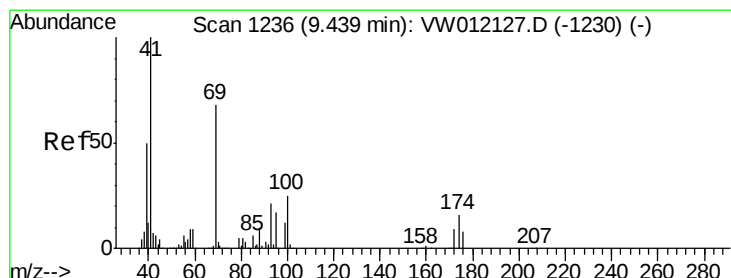
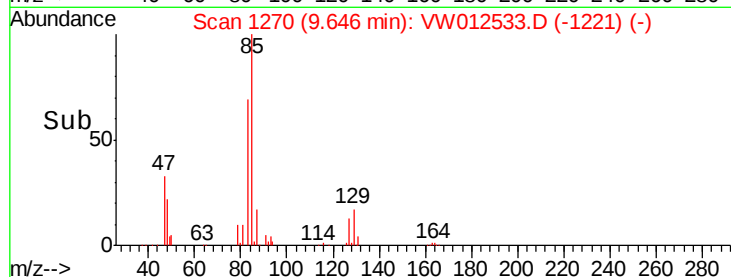
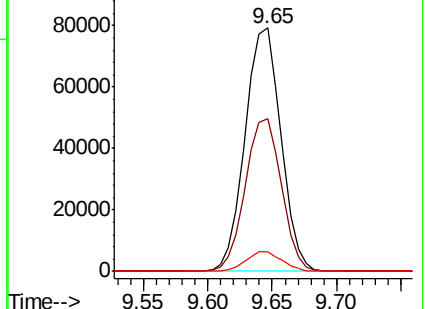
127 8.1 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 55.322 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

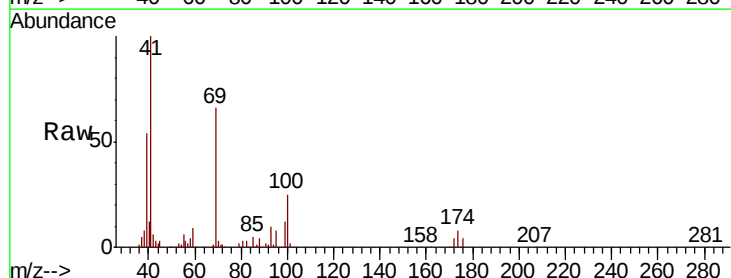
Tgt Ion: 41 Resp: 84671

Ion Ratio Lower Upper

41 100

69 73.4 56.7 85.1

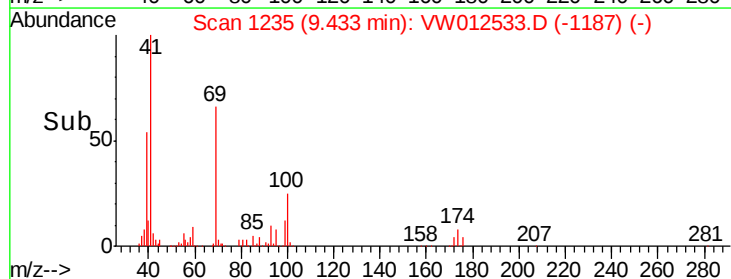
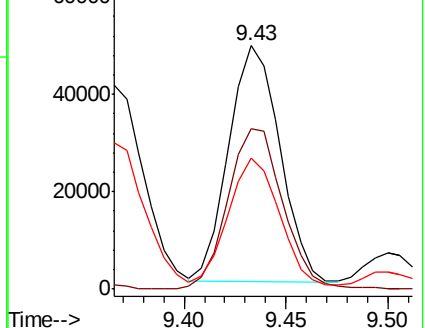
39 57.3 42.0 63.0

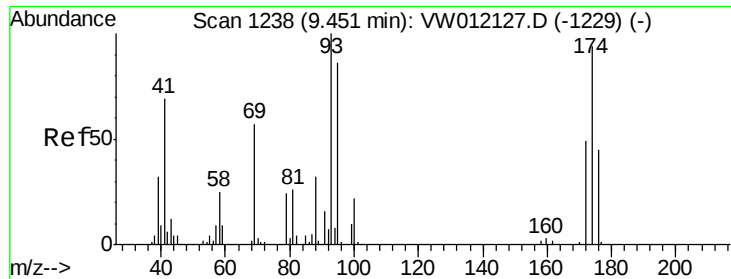


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

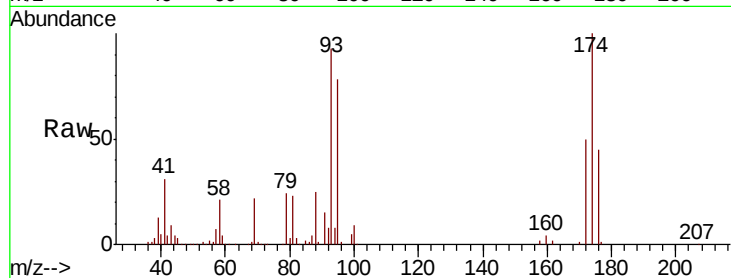




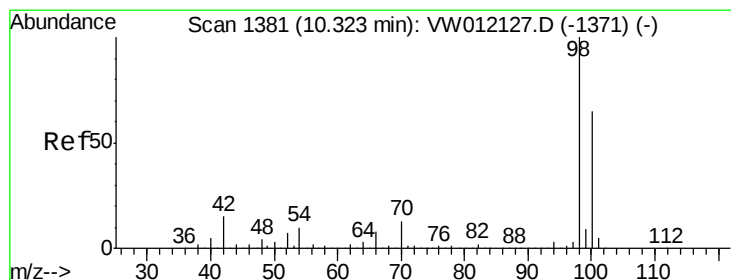
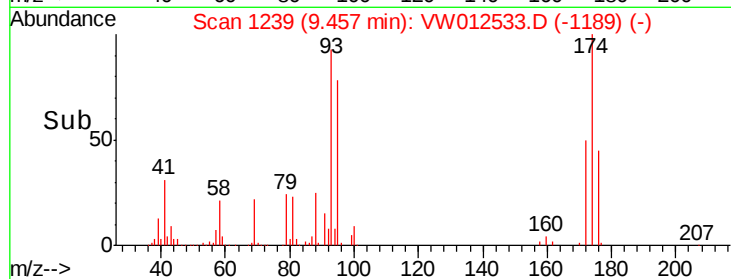
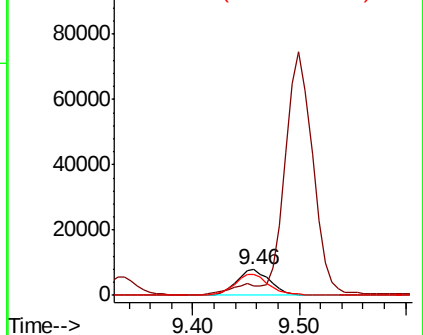
#49
 1,4-Dioxane
 Concen: 1101.295 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 17464
 Ion Ratio Lower Upper
 88 100
 43 31.9 32.9 49.3#
 58 85.5 71.0 106.4

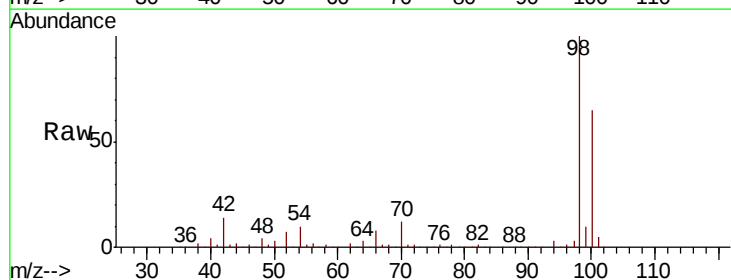


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

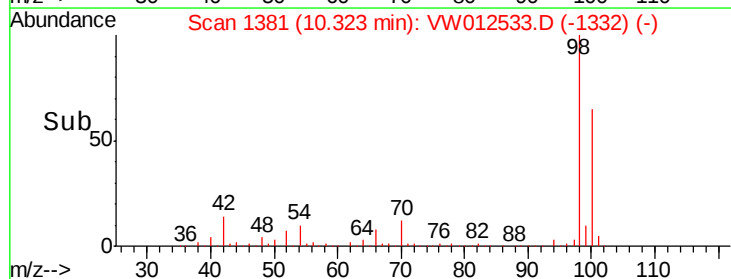
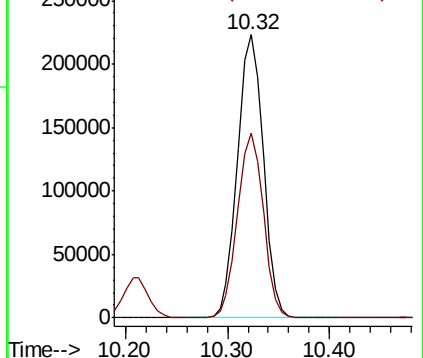


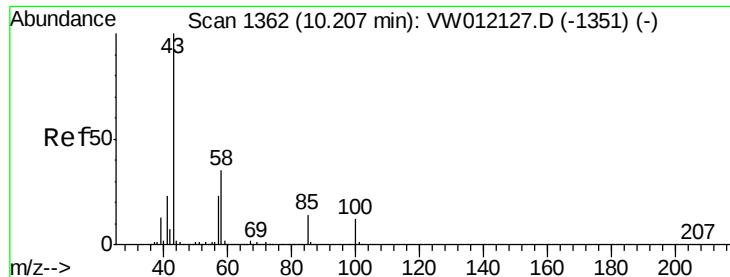
#50
 Toluene-d8
 Concen: 52.892 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion: 98 Resp: 392449
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

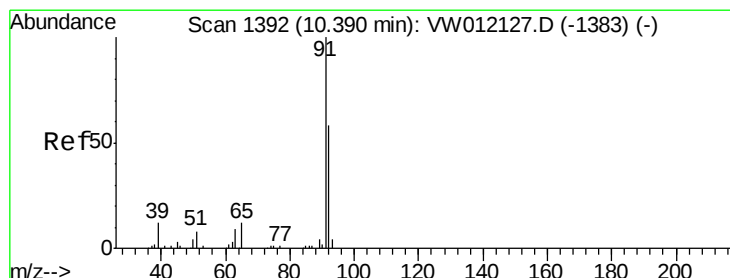
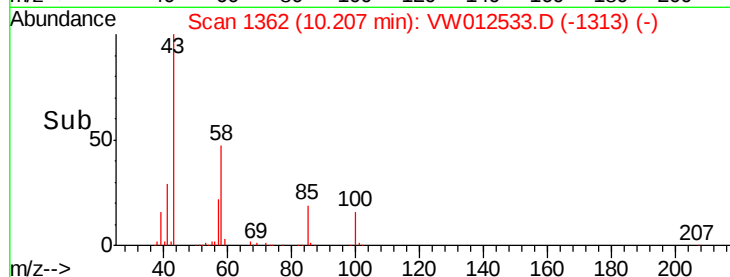
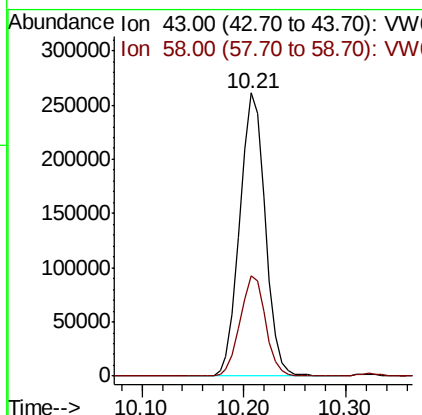
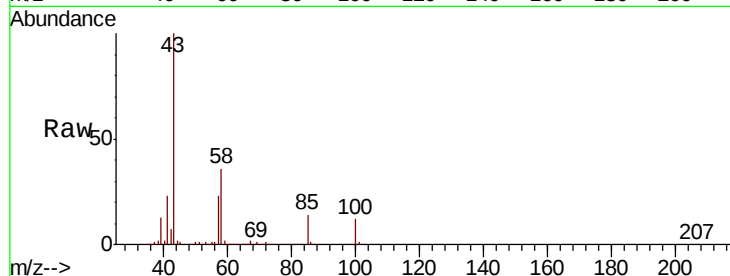




#51
 4-Methyl-2-Pentanone
 Concen: 276.530 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

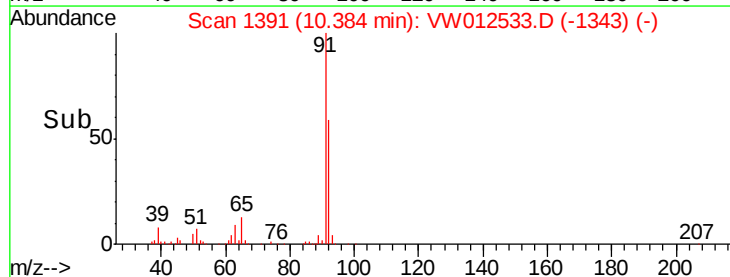
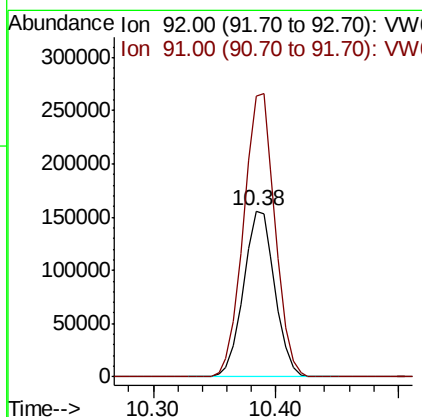
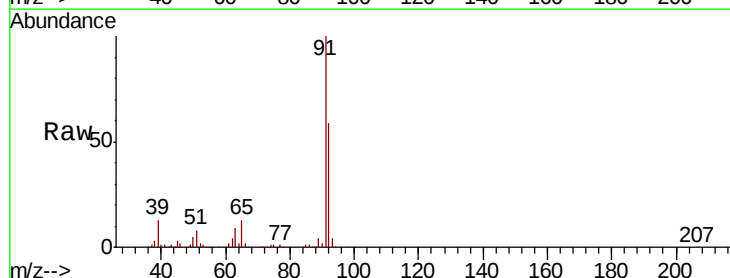
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

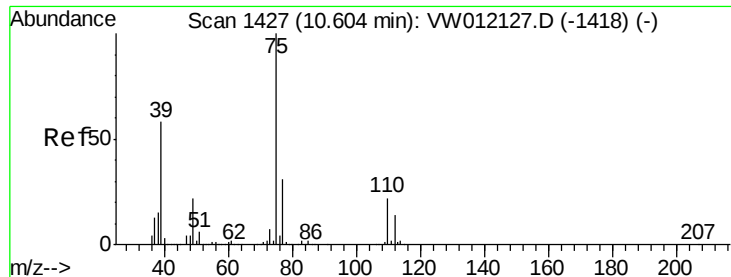
Tgt Ion: 43 Resp: 452292
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.2 42.2



#52
 Toluene
 Concen: 53.232 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion: 92 Resp: 276635
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 52.804 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

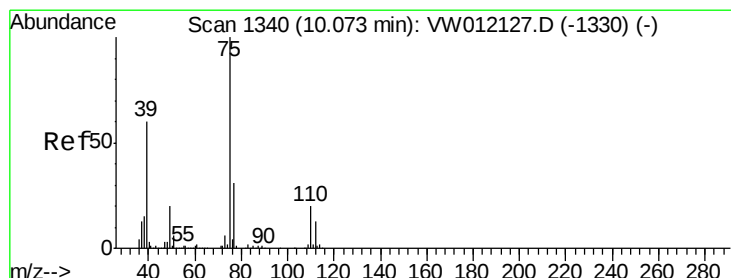
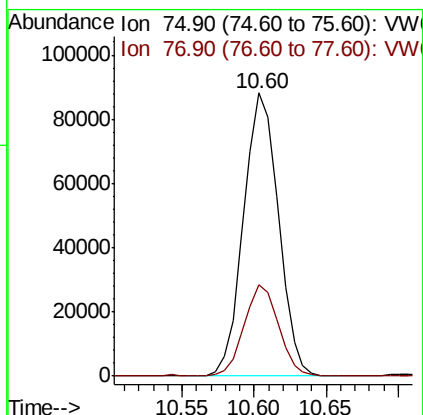
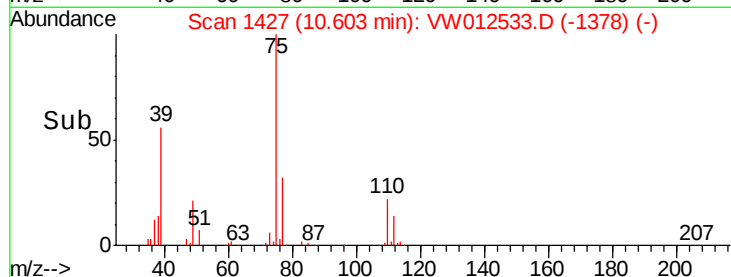
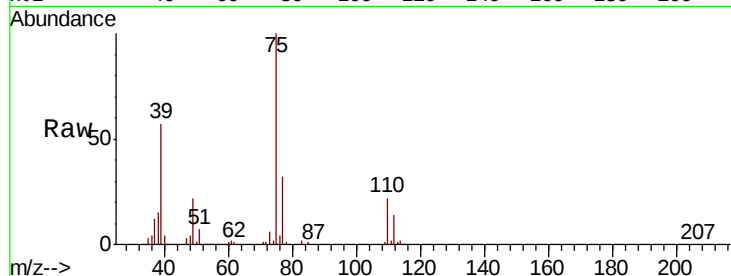
VSTDCCC050EC

Tgt Ion: 75 Resp: 148283

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 51.802 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

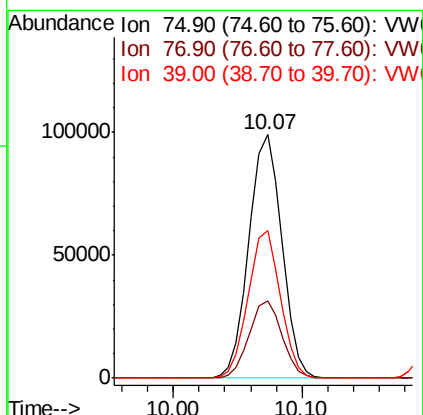
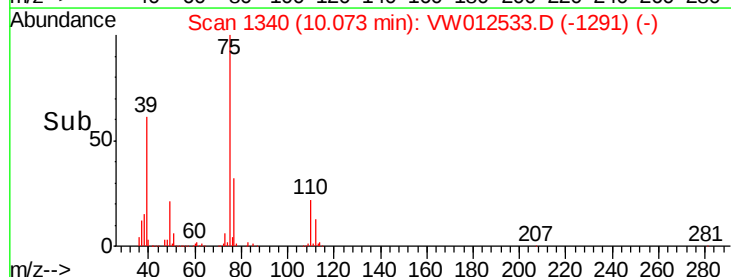
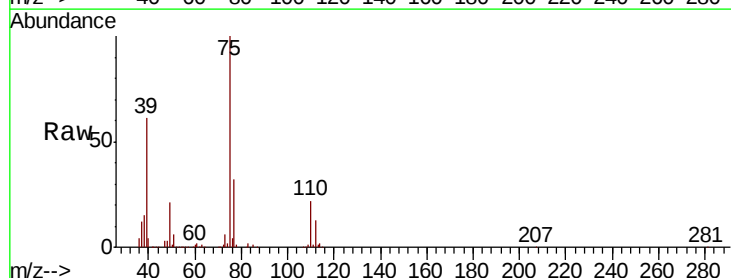
Tgt Ion: 75 Resp: 175645

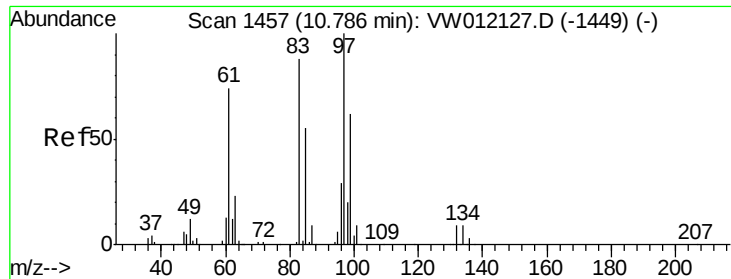
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 60.7 48.3 72.5

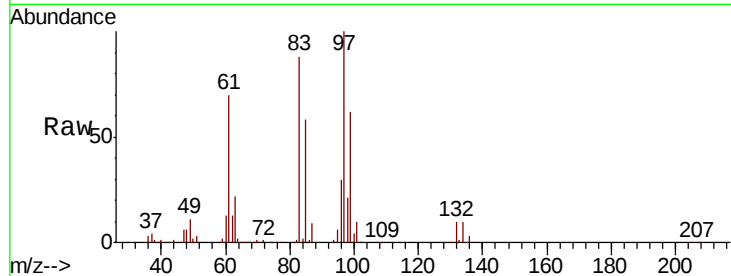




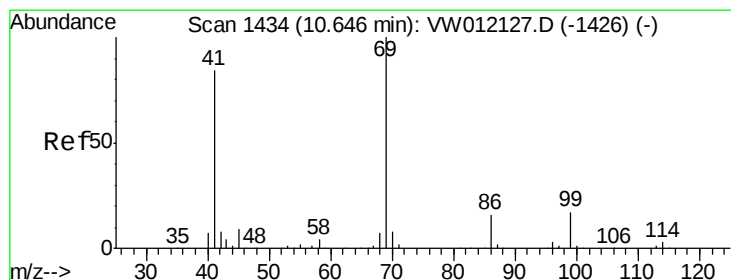
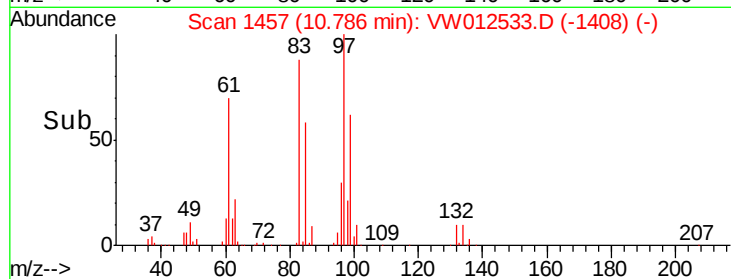
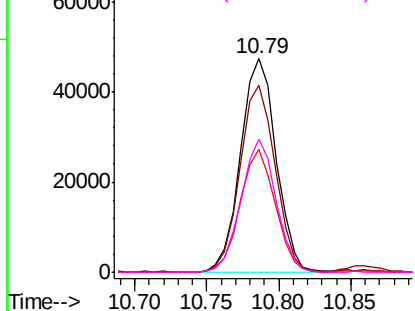
#55
 1,1,2-Trichloroethane
 Concen: 55.538 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	81396
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.8	106.2
85	57.6	43.8	65.8
99	62.4	49.8	74.6

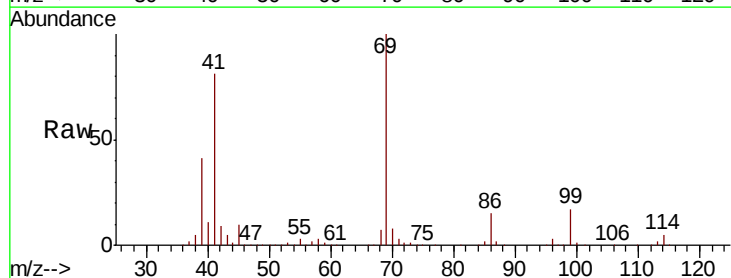


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

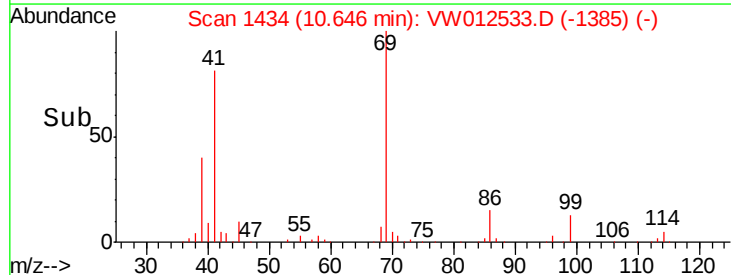
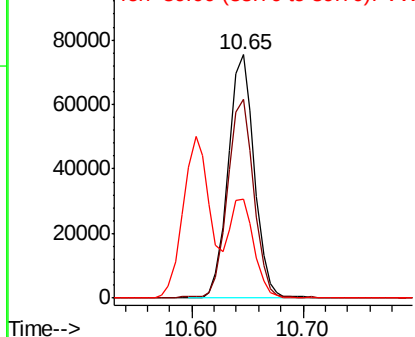


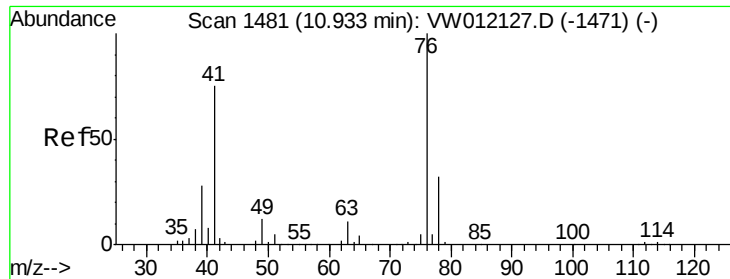
#56
 Ethyl methacrylate
 Concen: 57.179 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion:	69	Resp:	121965
Ion	Ratio	Lower	Upper
69	100		
41	83.0	66.5	99.7
39	37.5	31.0	46.4



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

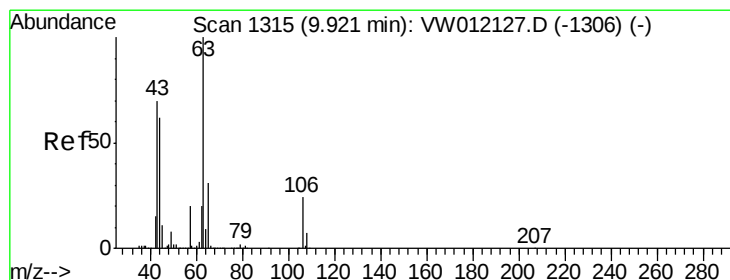
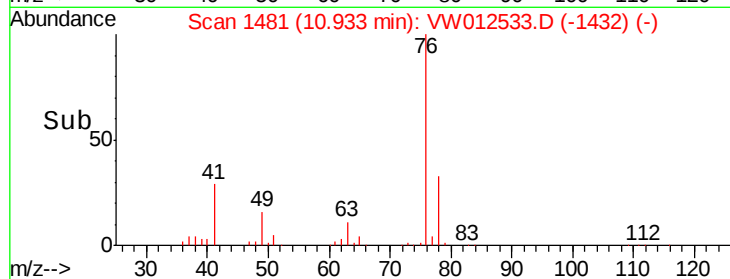
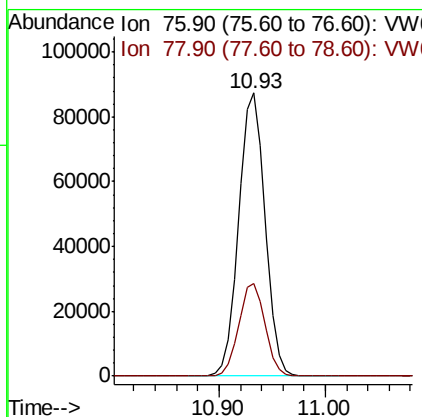
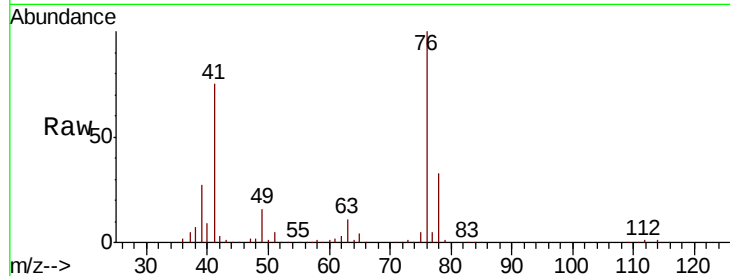




#57
 1,3-Dichloropropane
 Concen: 54.858 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

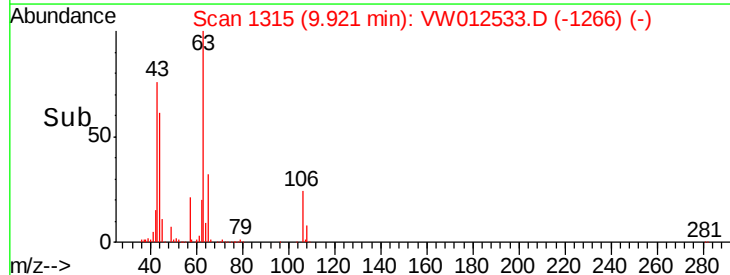
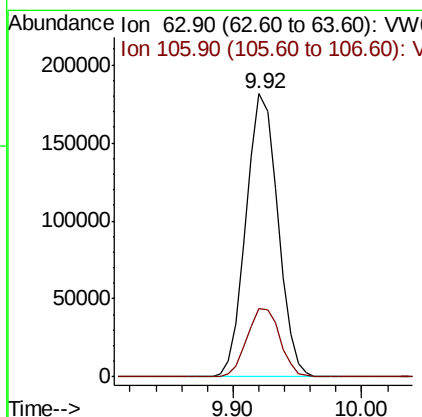
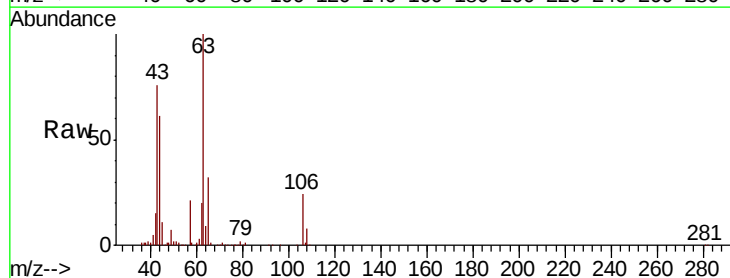
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

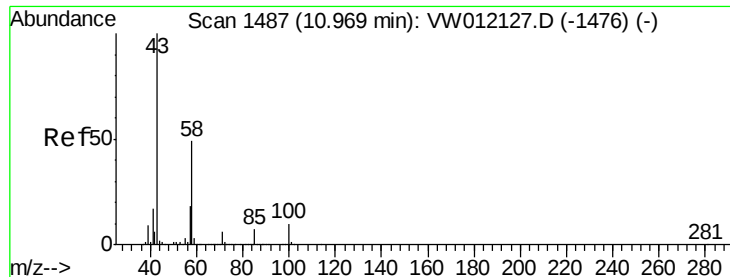
Tgt Ion: 76 Resp: 151935
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.102 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion: 63 Resp: 309918
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.8 29.8

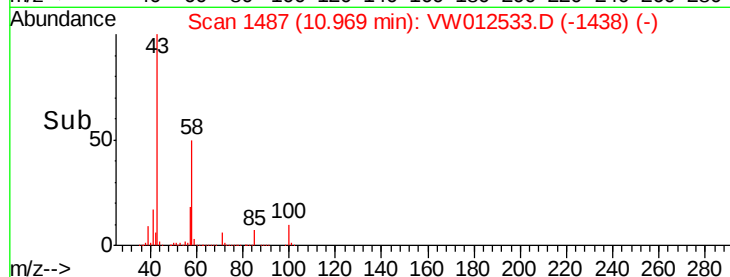
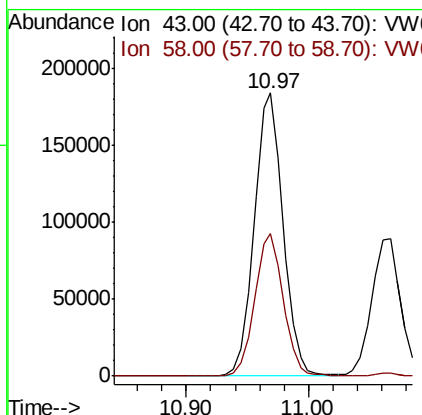
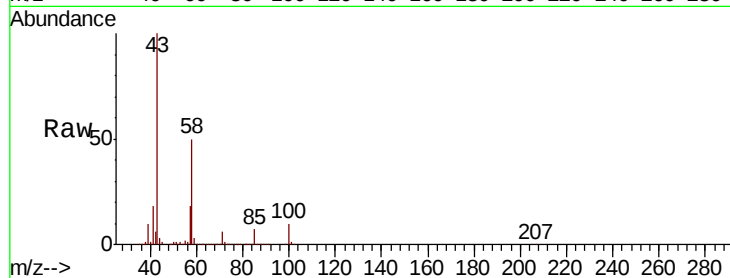




#59
2-Hexanone
Concen: 260.685 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

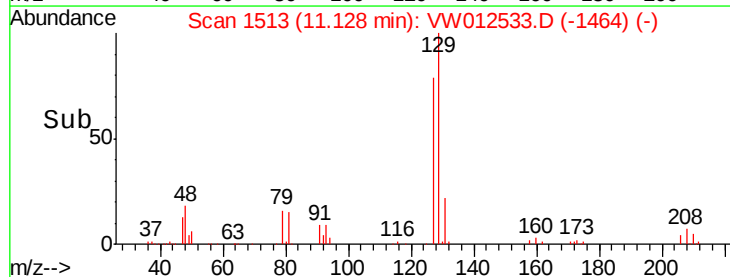
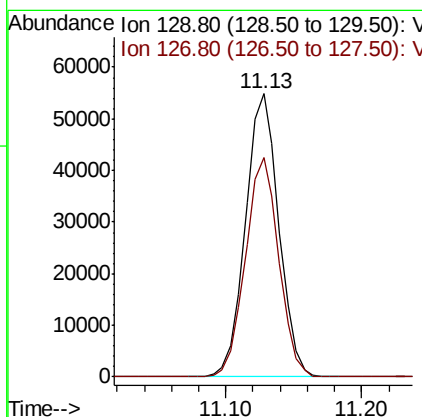
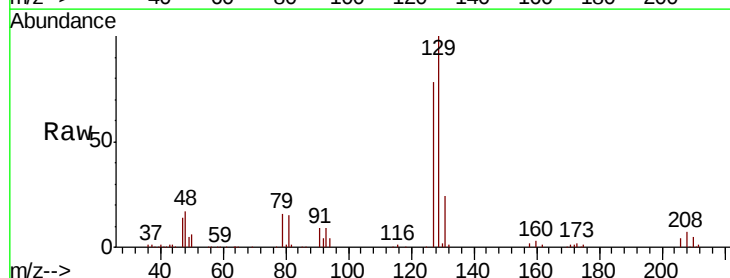
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

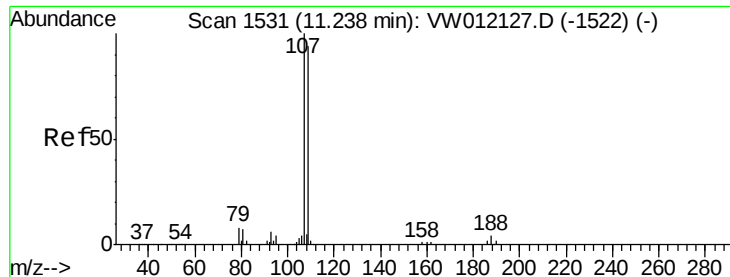
Tgt Ion: 43 Resp: 301688
Ion Ratio Lower Upper
43 100
58 49.8 24.3 72.9



#60
Dibromochloromethane
Concen: 57.587 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 129 Resp: 94007
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

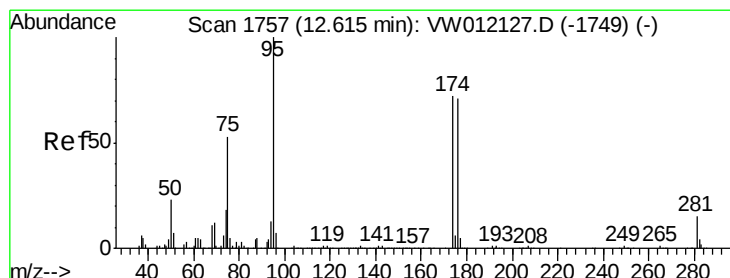
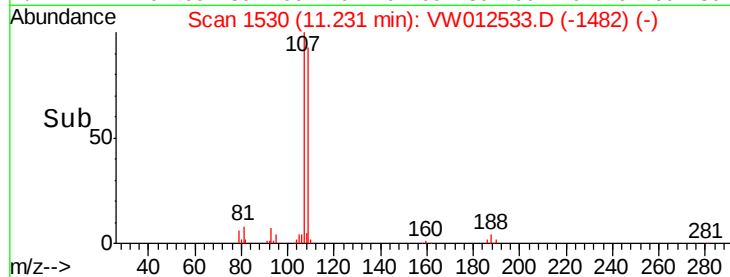
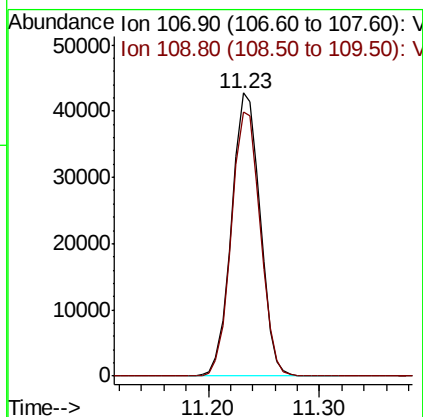
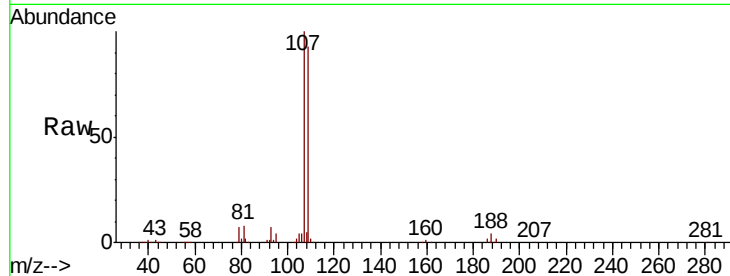




#61
 1,2-Dibromoethane
 Concen: 55.513 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

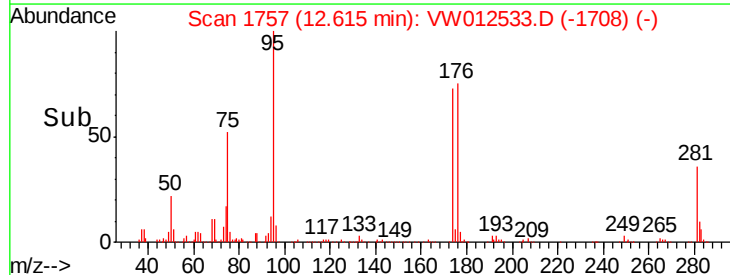
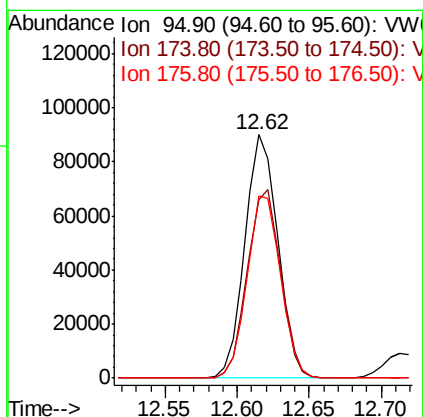
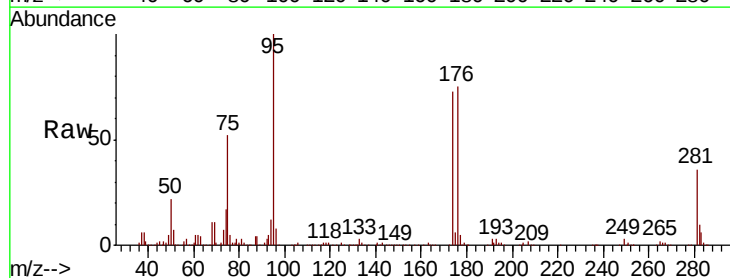
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

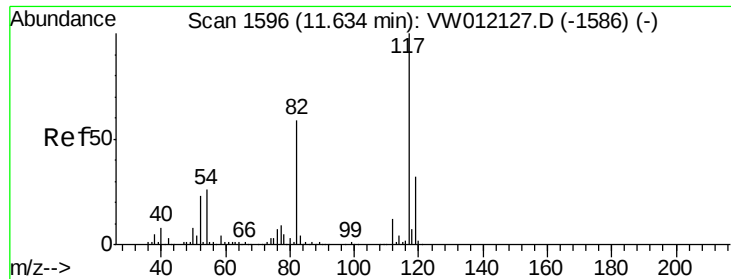
Tgt Ion: 107 Resp: 75796
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 54.371 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion: 95 Resp: 142205
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 150.8
 176 76.2 0.0 148.6

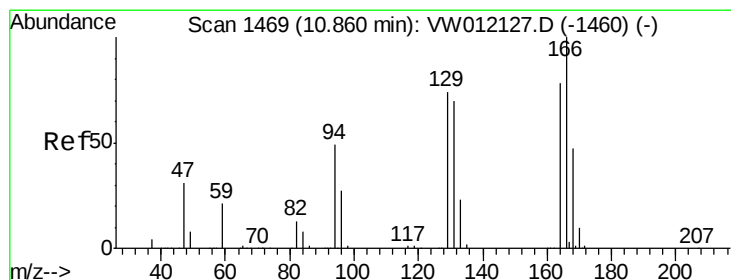
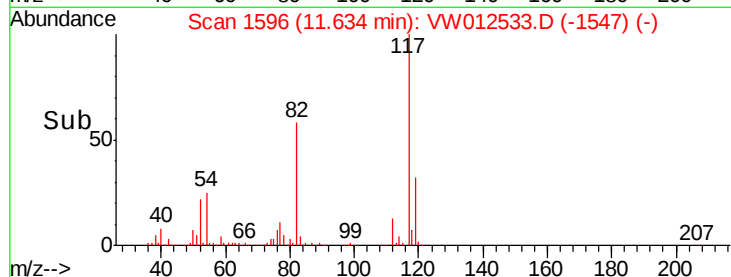
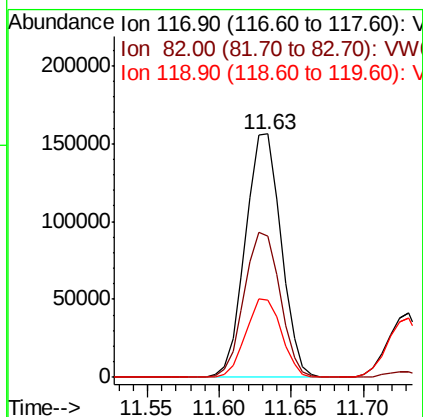
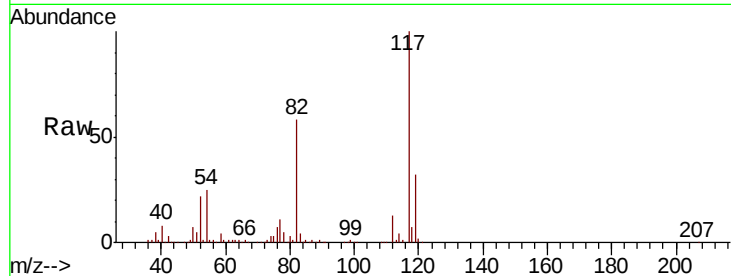




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

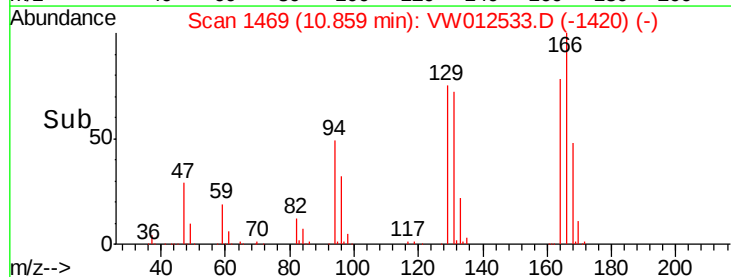
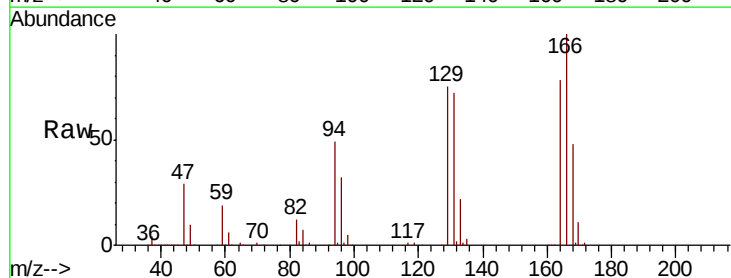
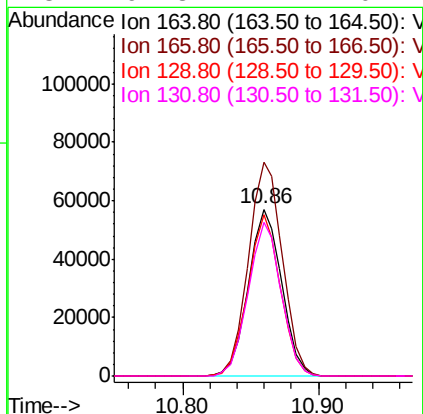
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

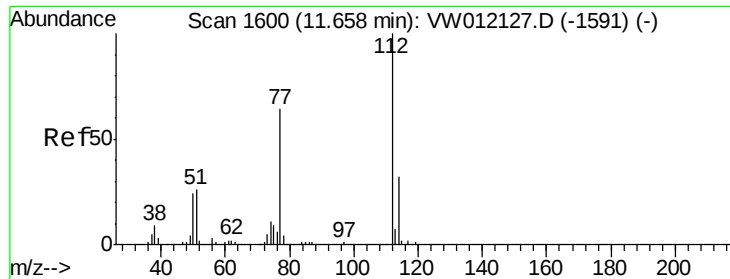
Tgt Ion:117 Resp: 268936
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 56.067 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion:164 Resp: 97758
Ion Ratio Lower Upper
164 100
166 128.0 102.4 153.6
129 96.5 75.8 113.6
131 92.3 71.4 107.2

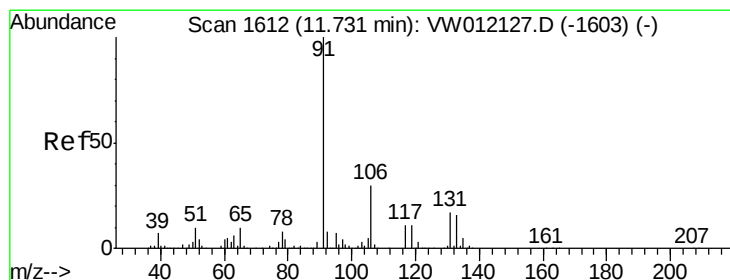
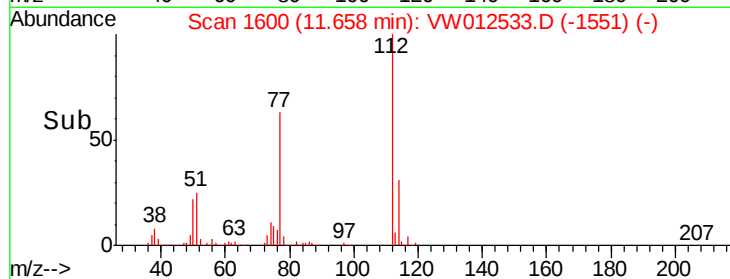
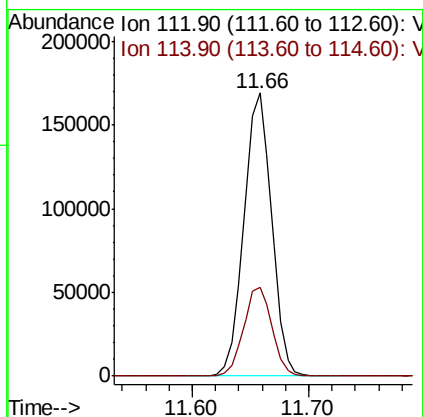
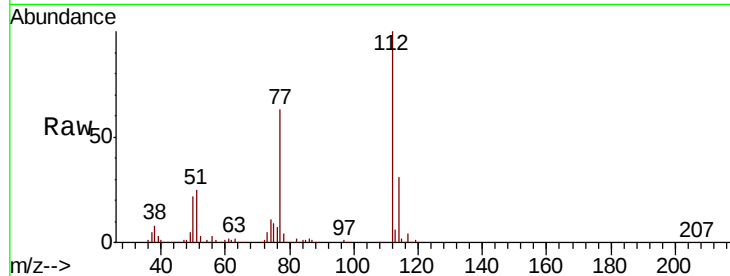




#65
Chlorobenzene
Concen: 53.338 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

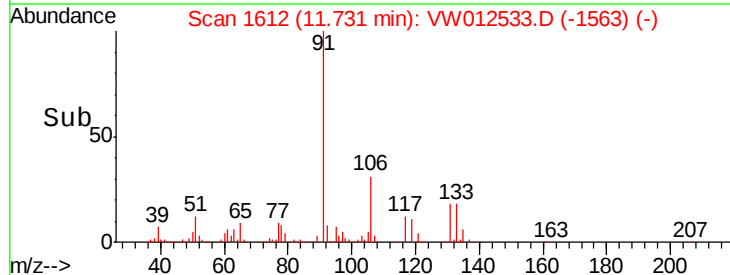
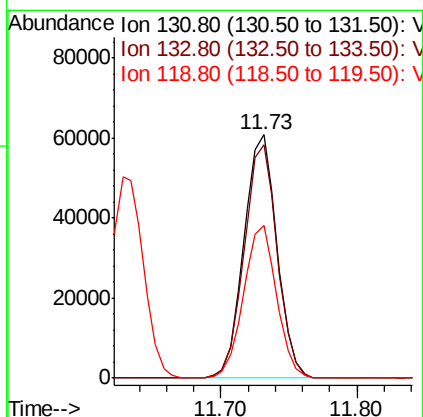
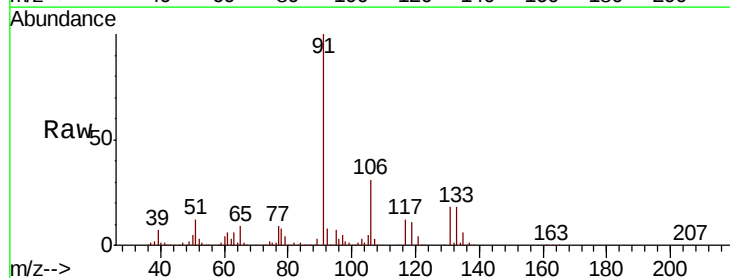
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 282455
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.942 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion:131 Resp: 103348
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 62.6 31.8 95.3

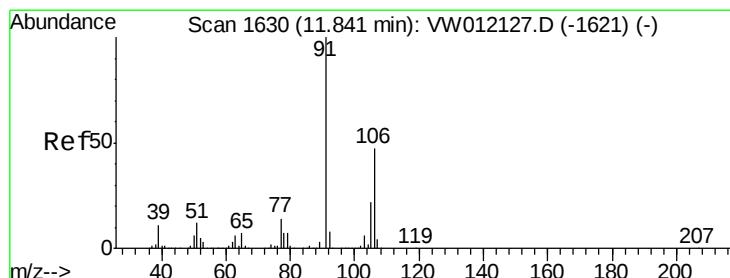
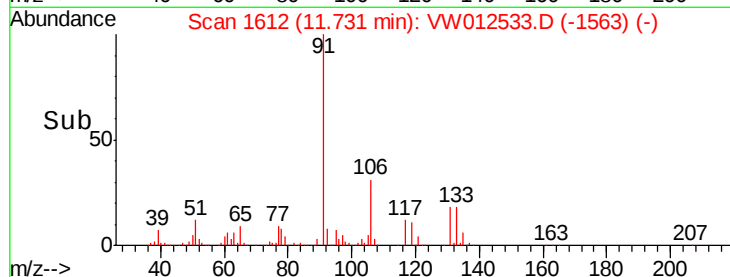
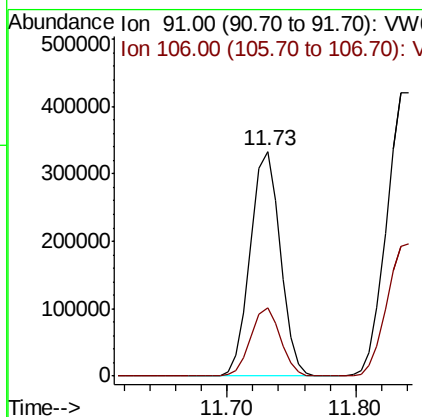
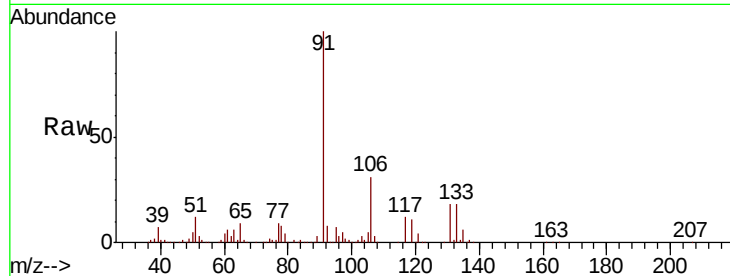




#67
Ethyl Benzene
Concen: 52.452 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

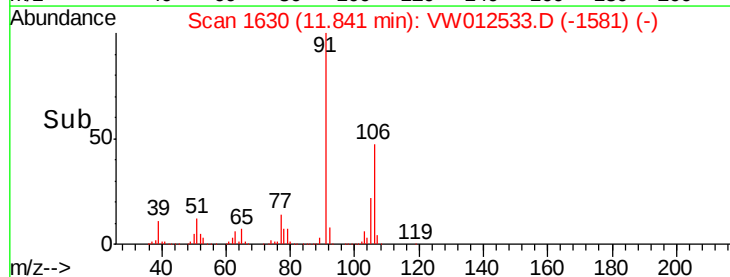
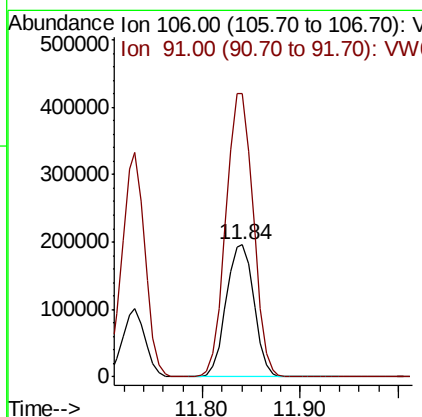
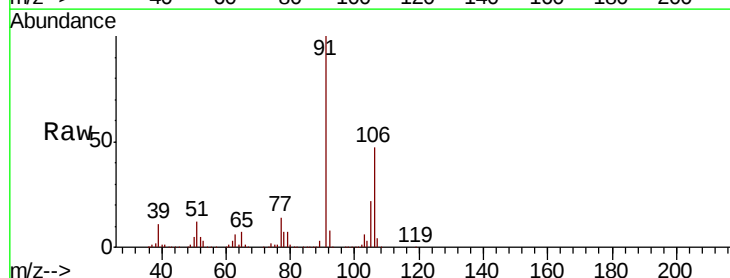
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

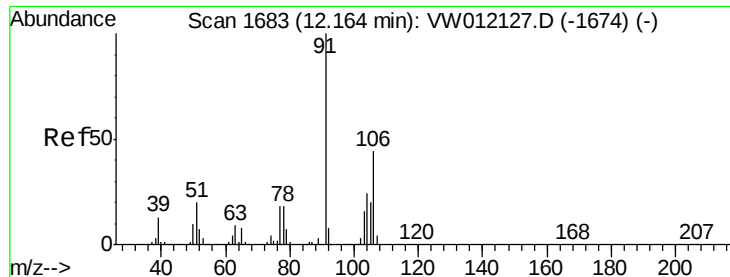
Tgt Ion: 91 Resp: 535067
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5



#68
m/p-Xylenes
Concen: 104.983 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 106 Resp: 385764
Ion Ratio Lower Upper
106 100
91 211.9 169.5 254.3

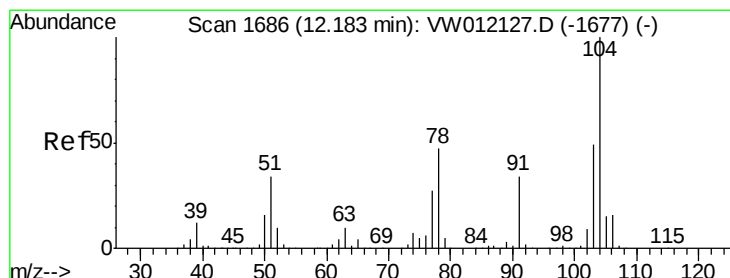
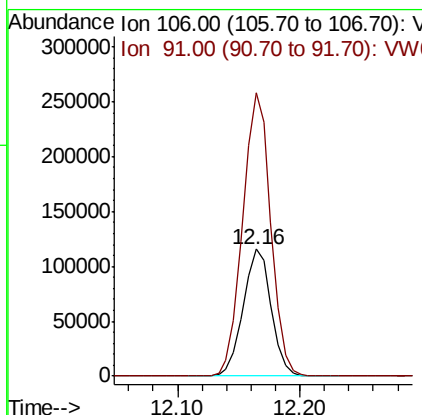
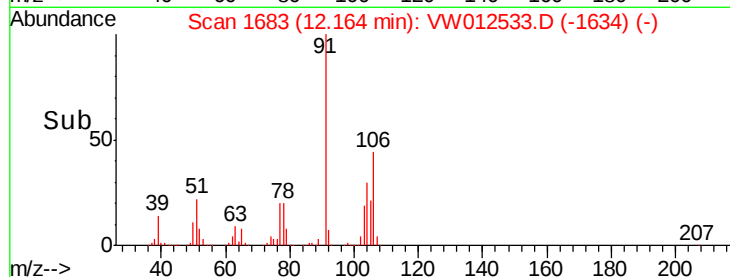
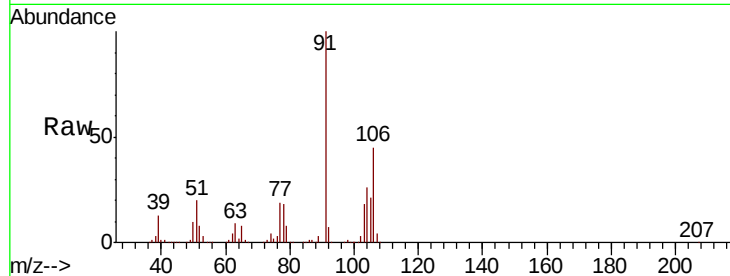




#69
o-Xylene
Concen: 53.975 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

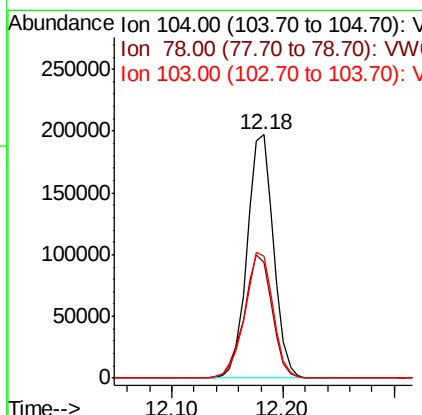
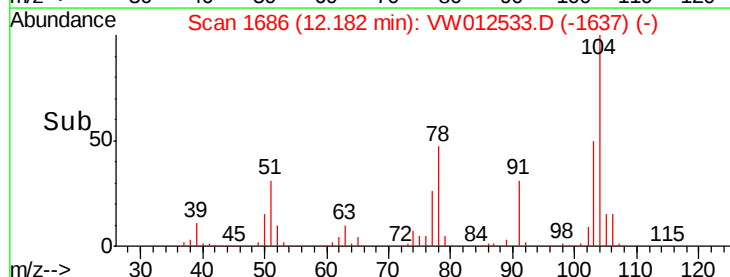
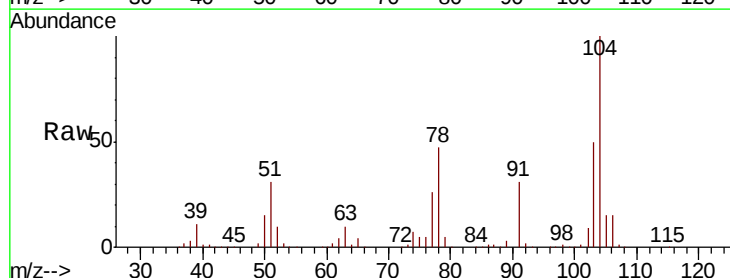
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

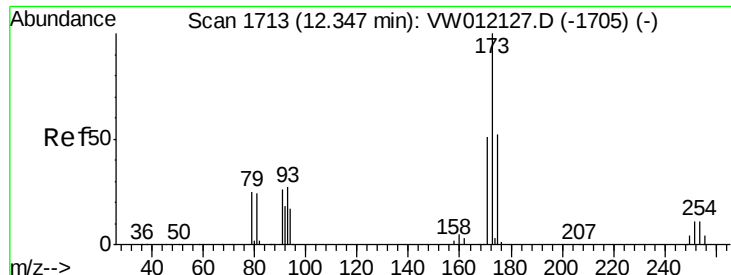
Tgt Ion:106 Resp: 183565
Ion Ratio Lower Upper
106 100
91 223.2 111.6 334.6



#70
Styrene
Concen: 54.952 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion:104 Resp: 323481
Ion Ratio Lower Upper
104 100
78 54.0 43.1 64.7
103 55.1 43.5 65.3





#71

Bromoform

Concen: 57.776 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

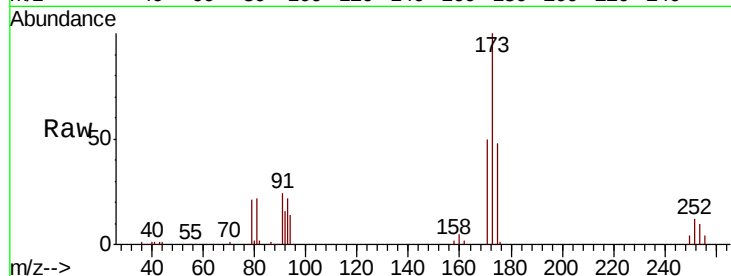
Tgt Ion:173 Resp: 53179

Ion Ratio Lower Upper

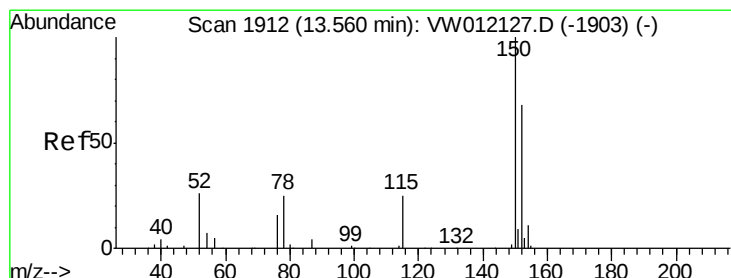
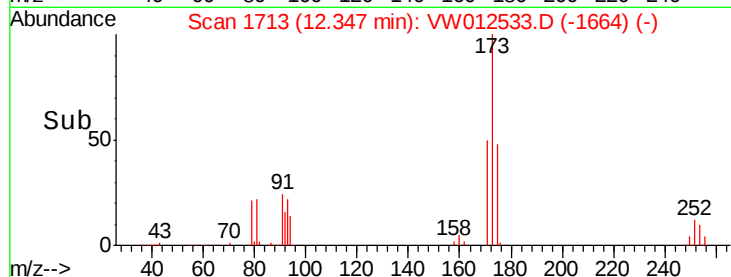
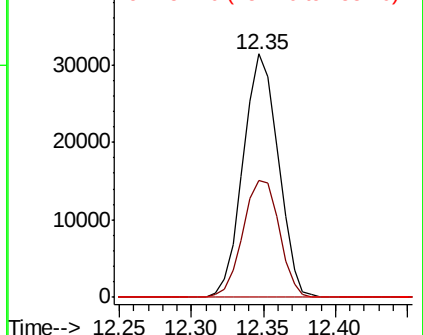
173 100

175 49.8 24.6 74.0

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

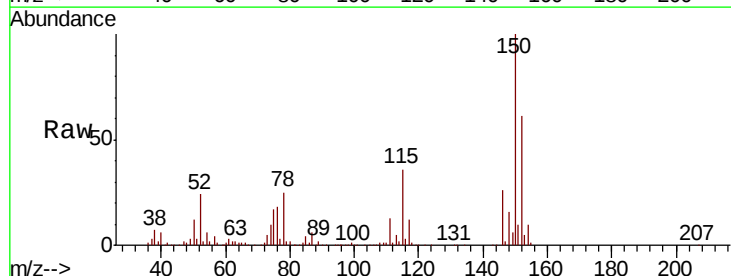
Tgt Ion:152 Resp: 131101

Ion Ratio Lower Upper

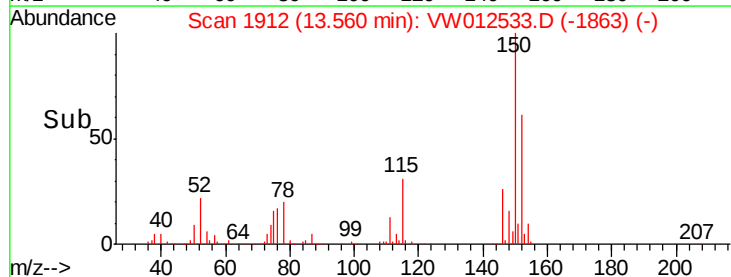
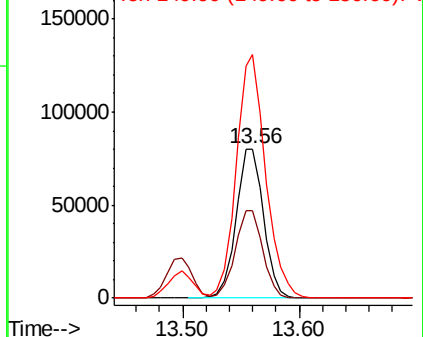
152 100

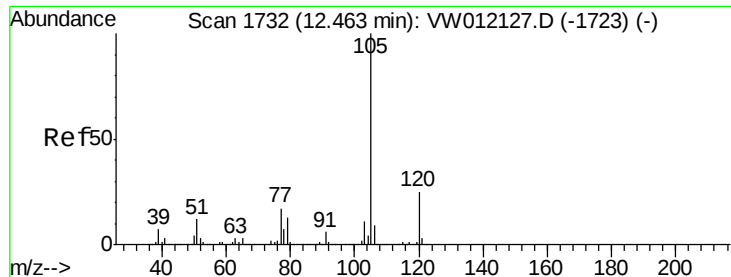
115 59.2 30.1 90.3

150 174.3 0.0 345.8



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





#73

Isopropylbenzene

Concen: 51.591 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

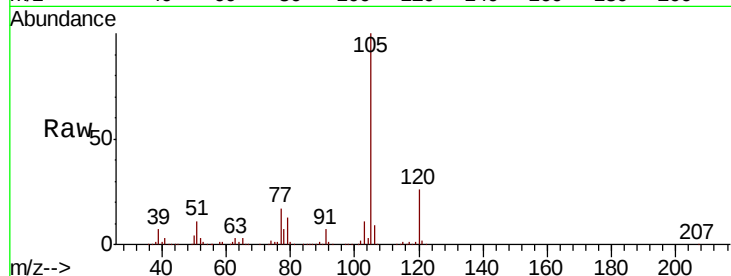
VSTDCCC050EC

Tgt Ion:105 Resp: 506812

Ion Ratio Lower Upper

105 100

120 25.7 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

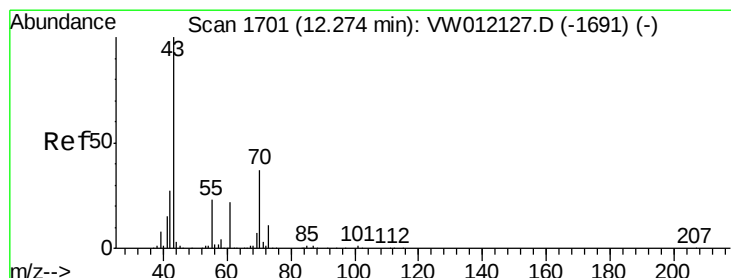
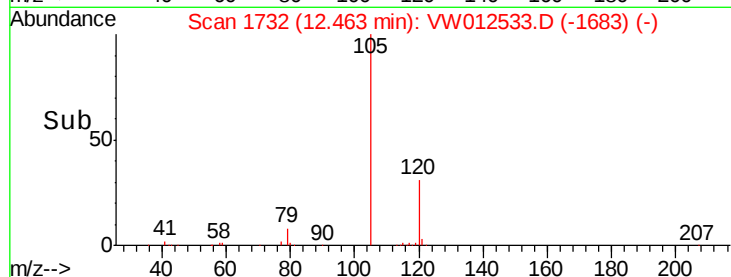
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.759 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Tgt Ion: 43 Resp: 156589

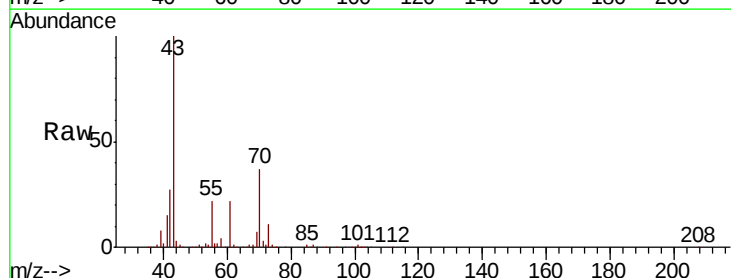
Ion Ratio Lower Upper

43 100

70 37.1 28.6 43.0

55 22.9 17.8 26.6

61 21.5 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

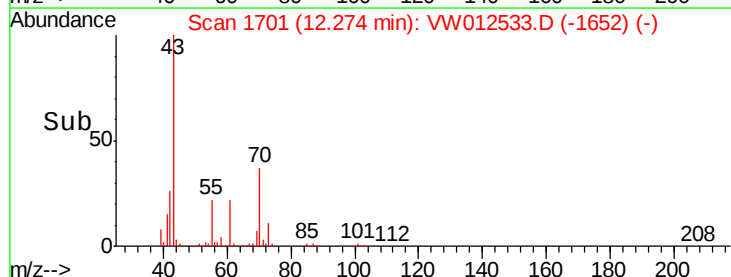
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.450 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

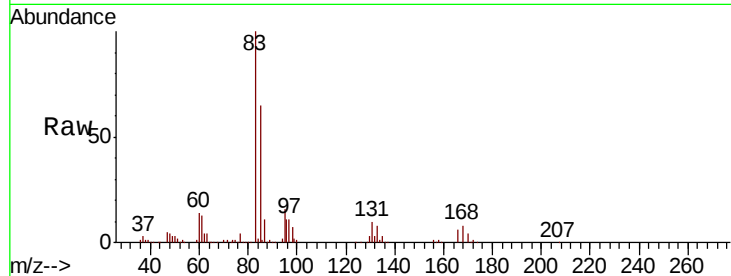
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

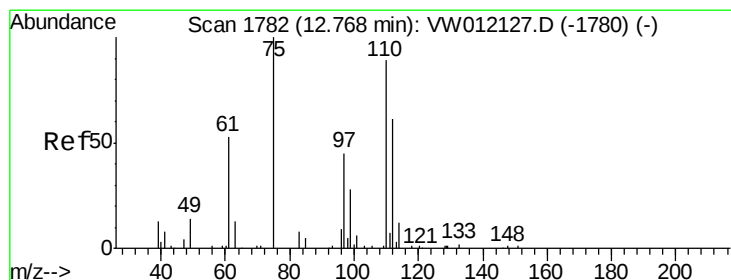
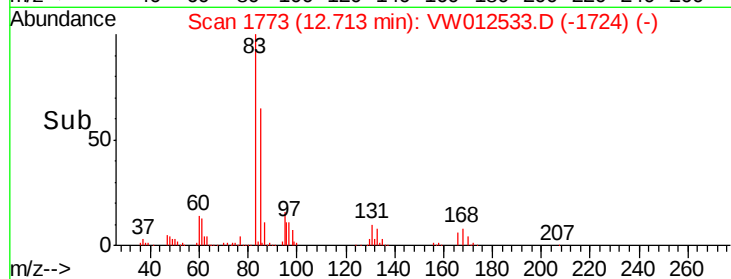
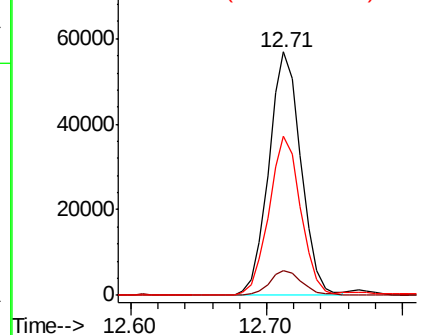
Tgt Ion:	83	Resp:	94460
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.7
85	64.1	31.9	95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 97.356 ug/l

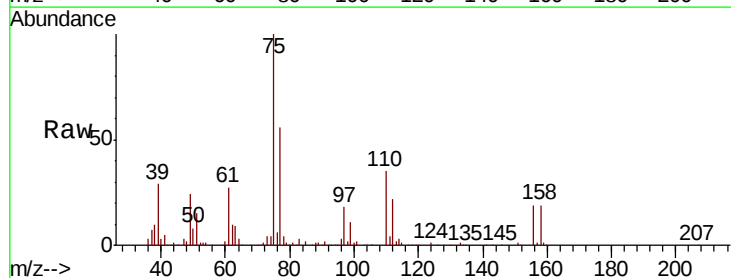
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012533.D

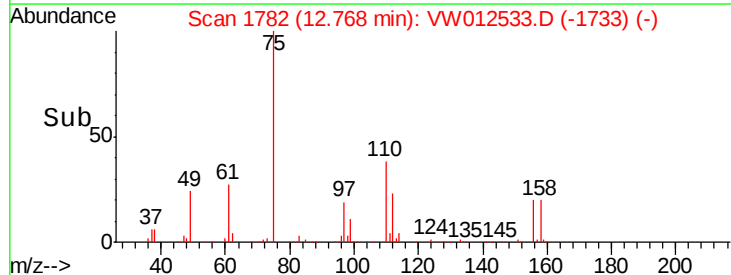
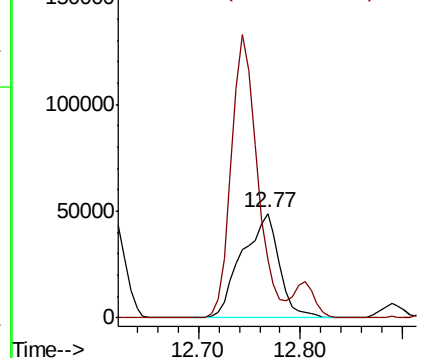
Acq: 03 Sep 2019 07:06

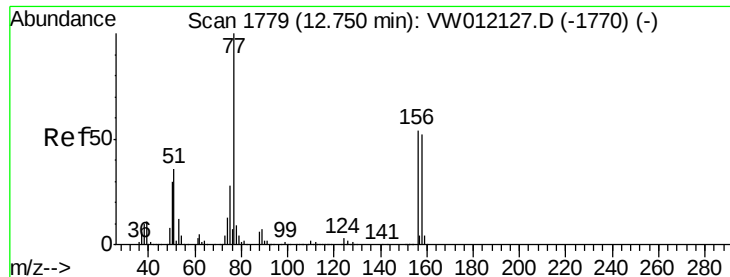
Tgt Ion:	75	Resp:	124307
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.542 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

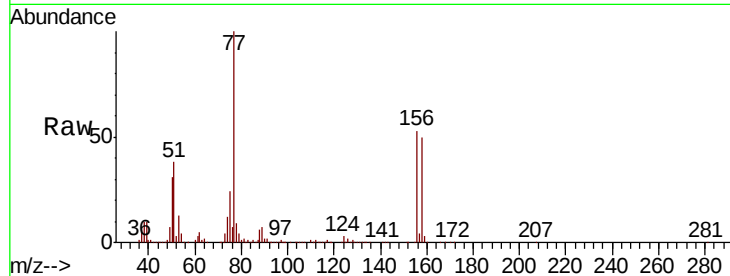
Tgt Ion:156 Resp: 115914

Ion Ratio Lower Upper

156 100

77 204.2 107.3 321.8

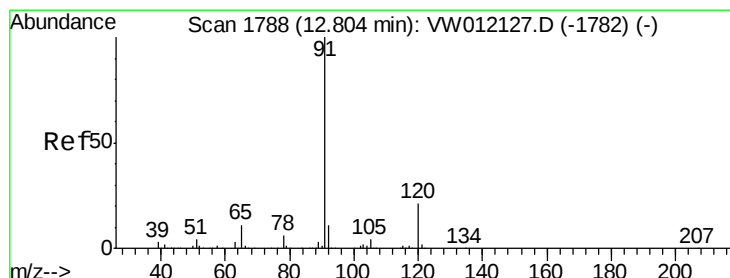
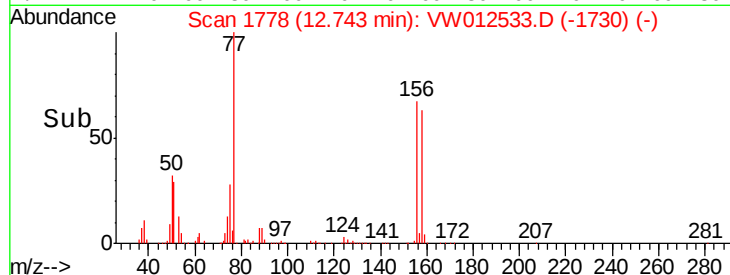
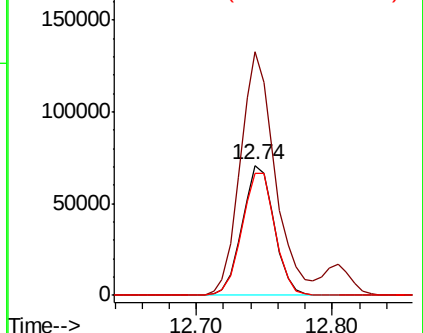
158 97.1 49.0 147.0



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: 50.322 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012533.D

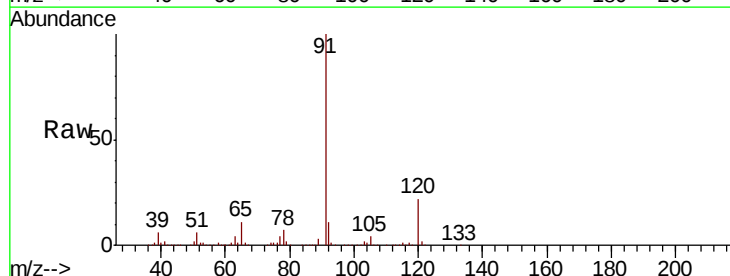
Acq: 03 Sep 2019 07:06

Tgt Ion: 91 Resp: 603493

Ion Ratio Lower Upper

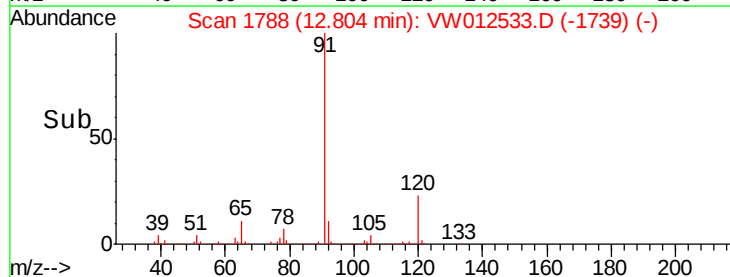
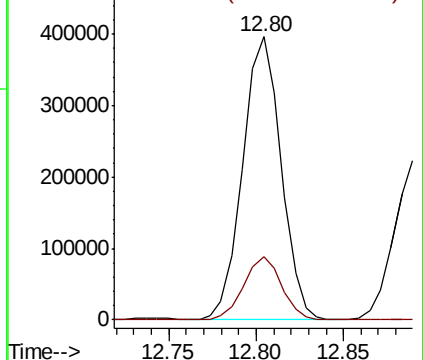
91 100

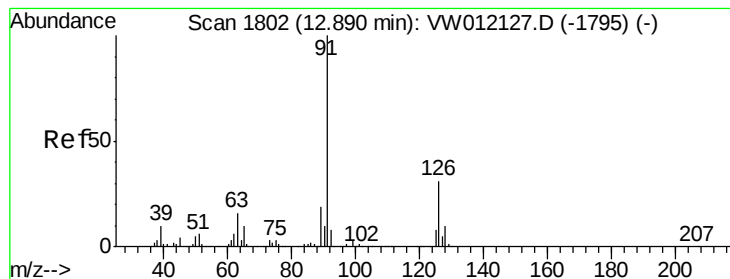
120 21.9 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.854 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

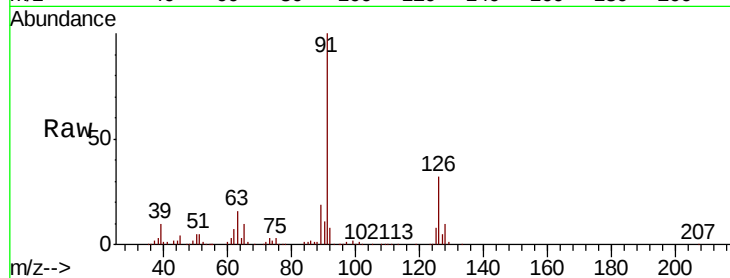
VSTDCCC050EC

Tgt Ion: 91 Resp: 353059

Ion Ratio Lower Upper

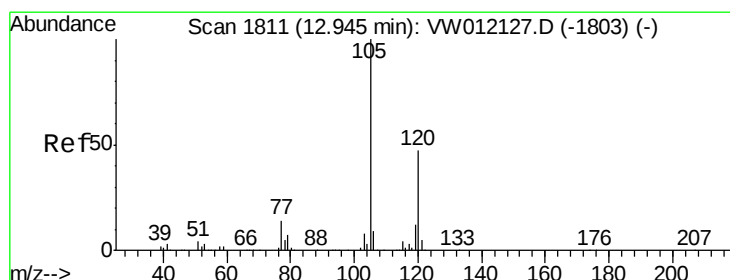
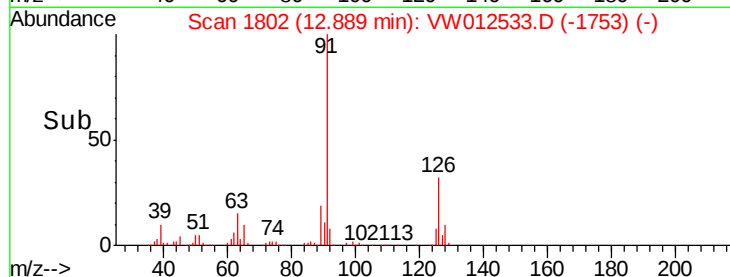
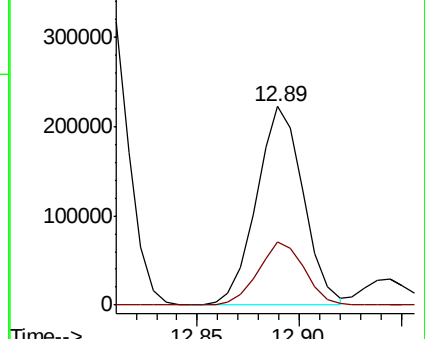
91 100

126 31.8 15.7 47.0



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: 52.172 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012533.D

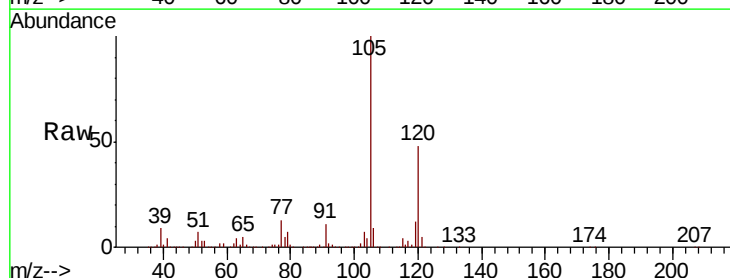
Acq: 03 Sep 2019 07:06

Tgt Ion: 105 Resp: 428260

Ion Ratio Lower Upper

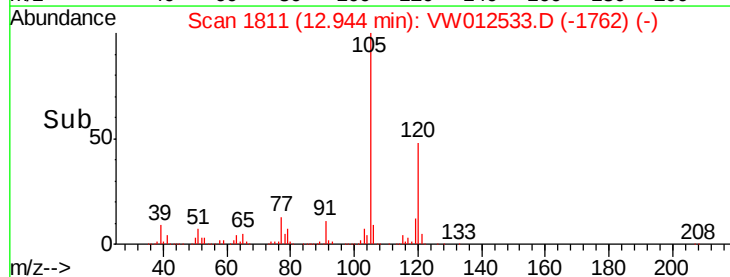
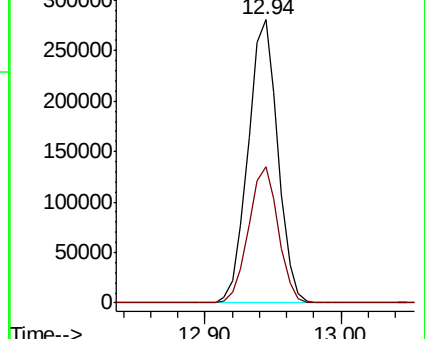
105 100

120 48.1 24.0 72.0



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: 48.354 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

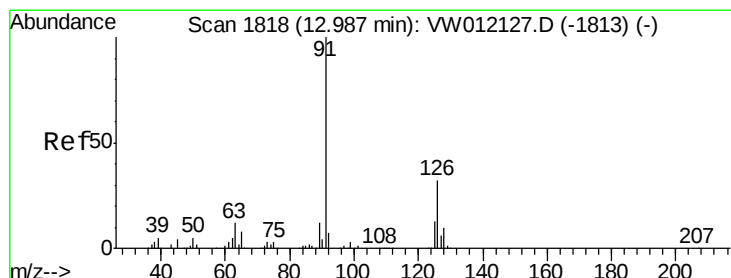
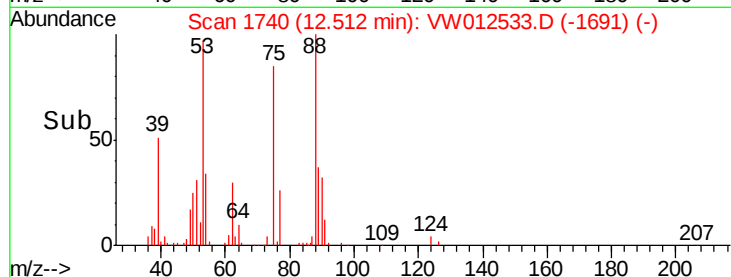
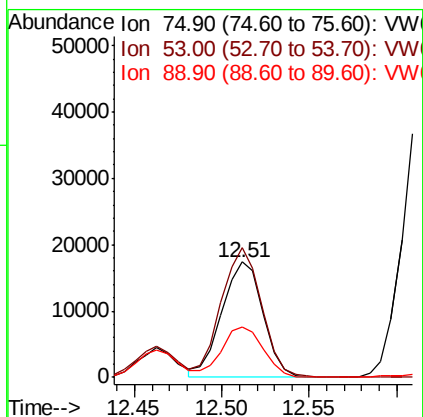
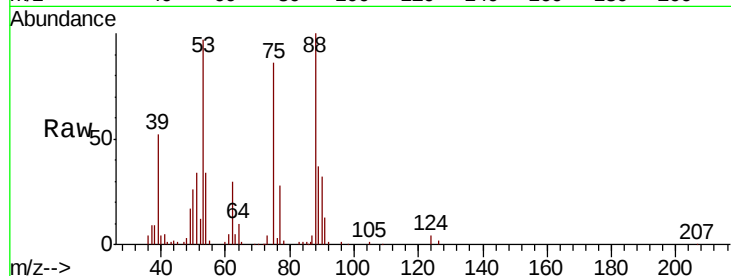
Tgt Ion: 75 Resp: 28159

Ion Ratio Lower Upper

75 100

53 112.5 89.4 134.0

89 43.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 52.010 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012533.D

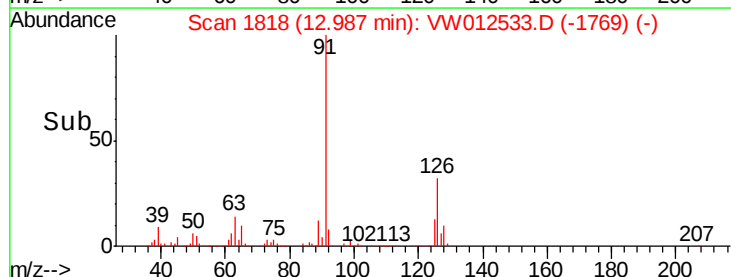
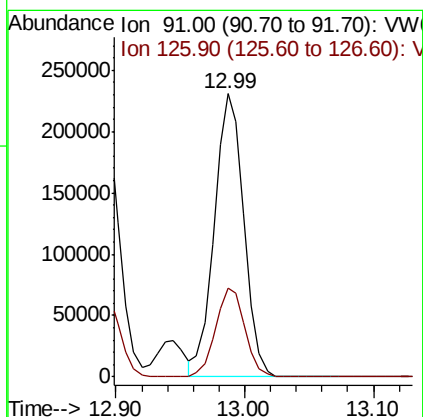
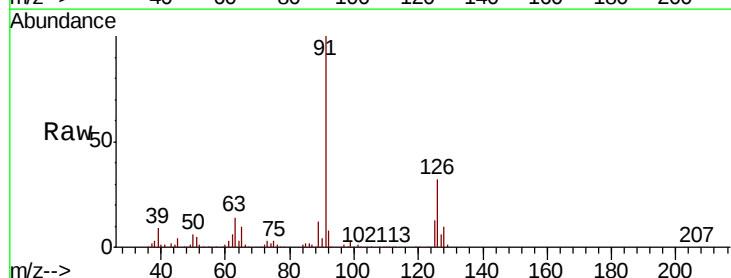
Acq: 03 Sep 2019 07:06

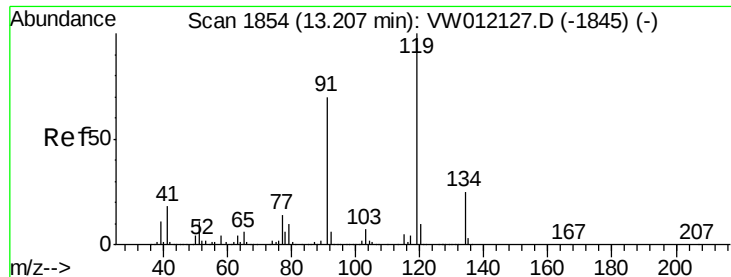
Tgt Ion: 91 Resp: 370788

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8

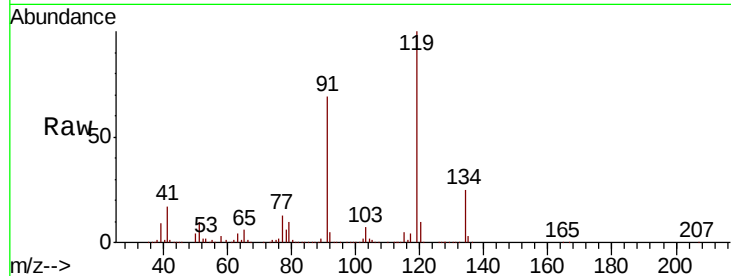




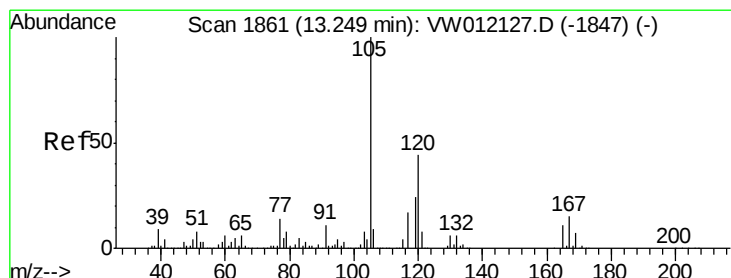
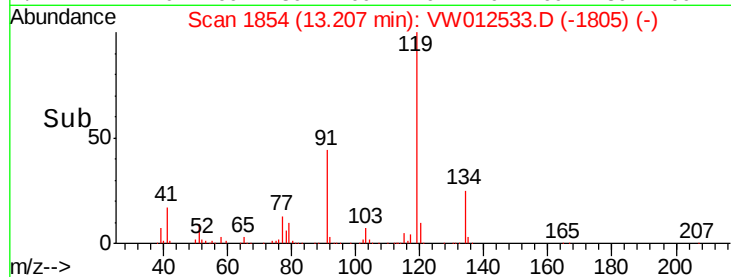
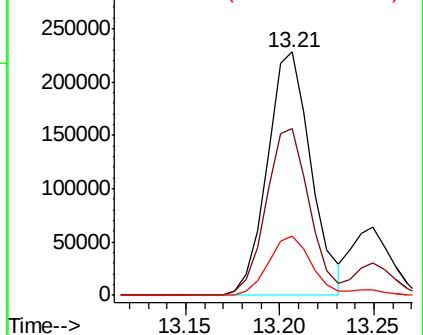
#83
 tert-Butylbenzene
 Concen: 52.765 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 366892
 Ion Ratio Lower Upper
 119 100
 91 67.7 34.8 104.3
 134 24.2 13.3 39.8

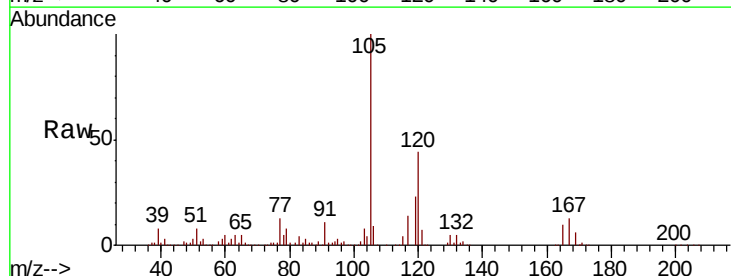


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

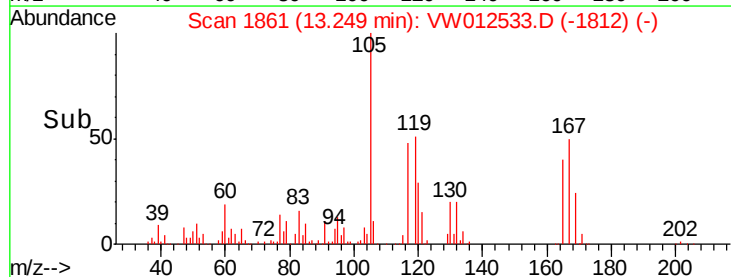
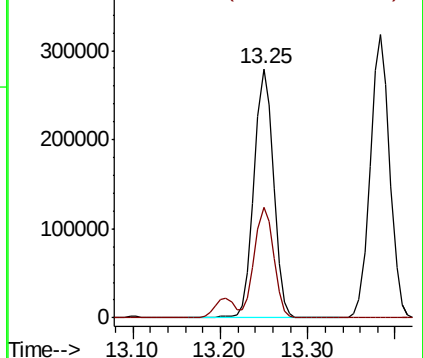


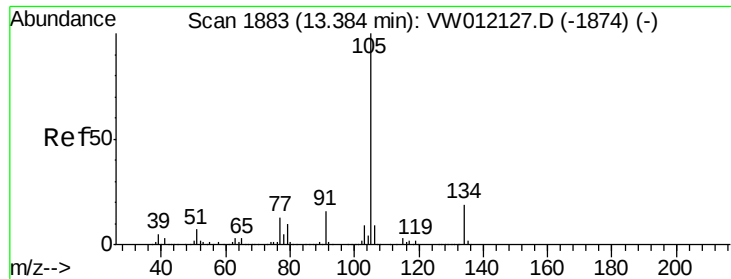
#84
 1,2,4-Trimethylbenzene
 Concen: 52.254 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion:105 Resp: 430876
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

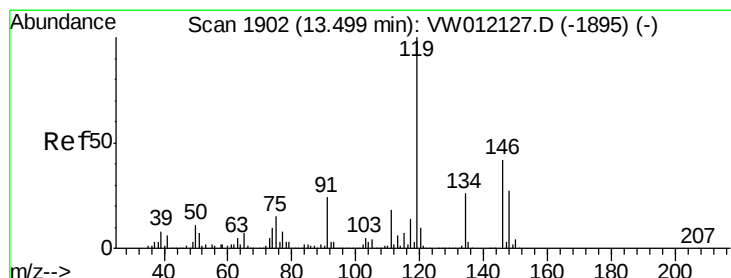
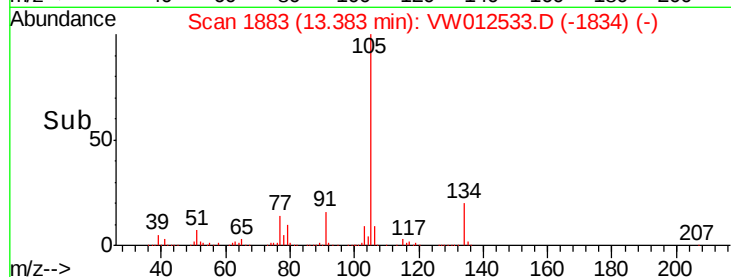
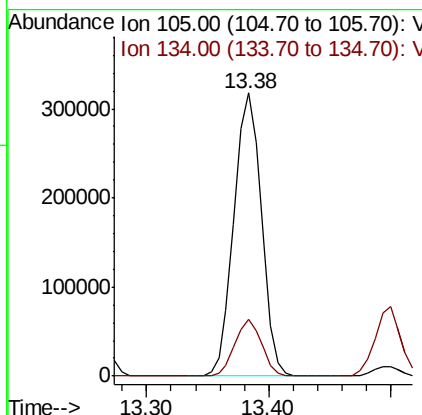
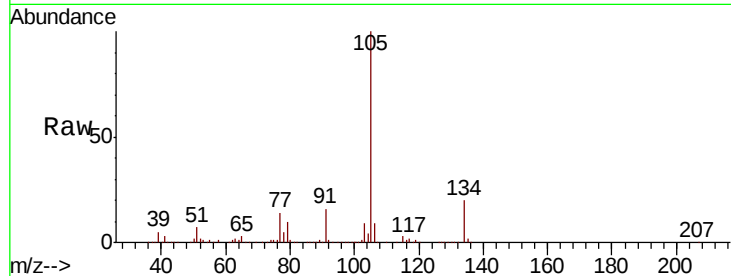




#85
 sec-Butylbenzene
 Concen: 49.616 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

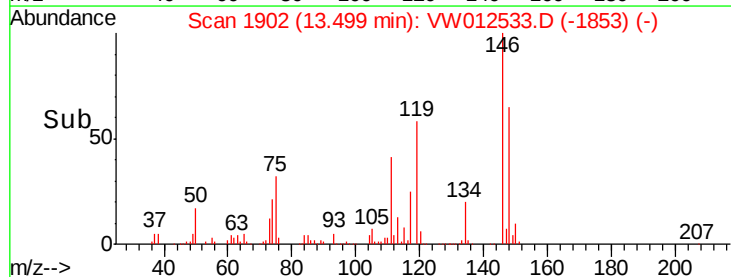
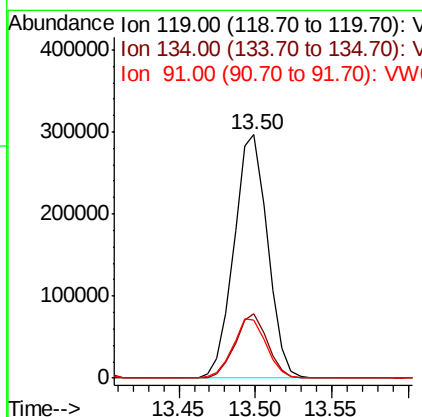
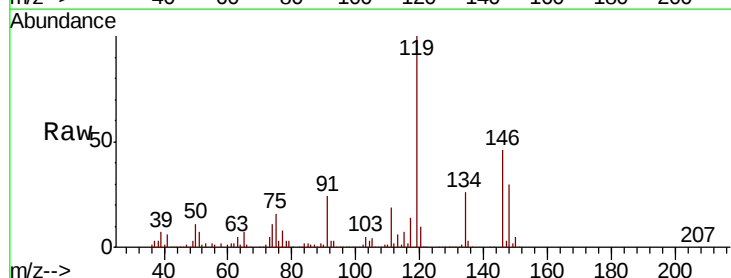
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 494272
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.591 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion:119 Resp: 450087
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.4 12.3 36.9

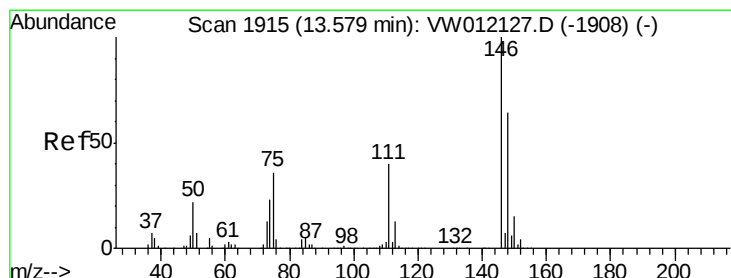
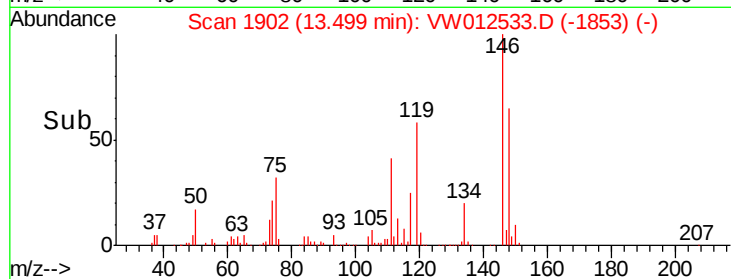
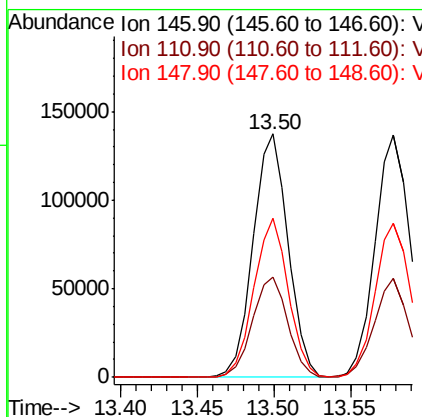
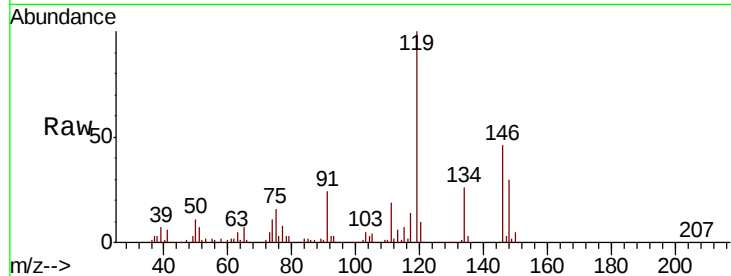




#87
 1,3-Dichlorobenzene
 Concen: 52.668 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

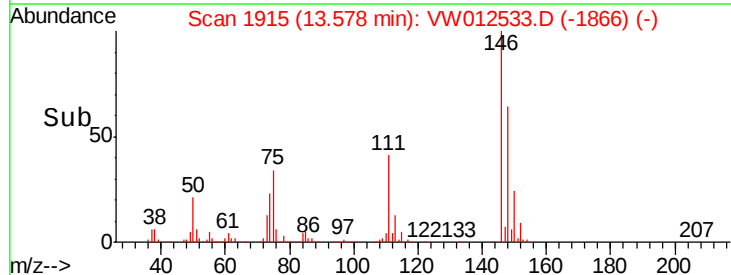
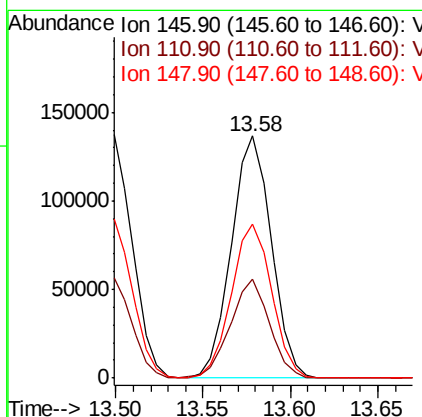
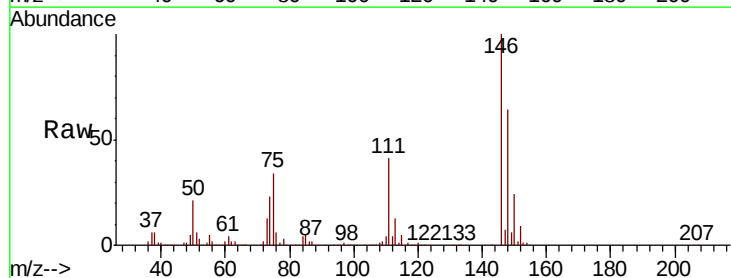
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

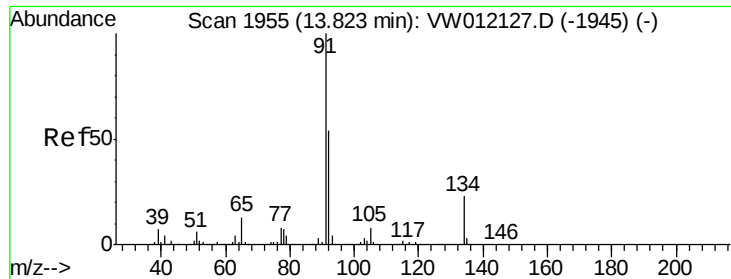
Tgt Ion:146 Resp: 218936
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.9 62.7
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 52.592 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion:146 Resp: 217070
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 64.4 32.1 96.3

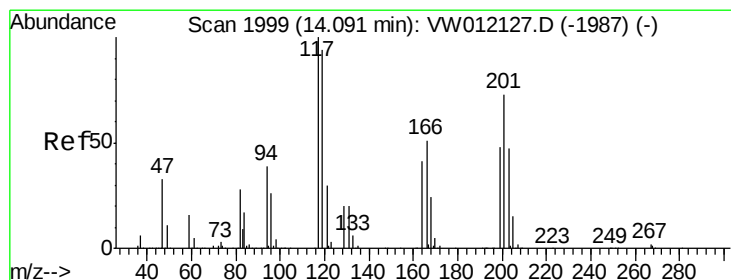
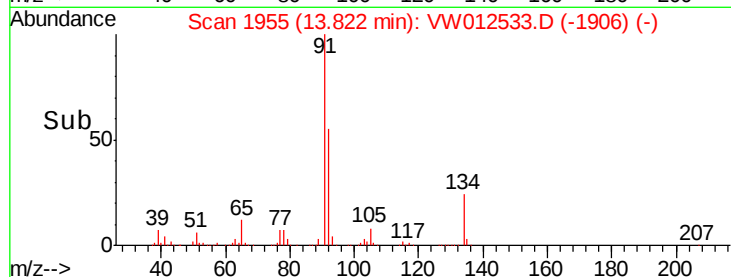
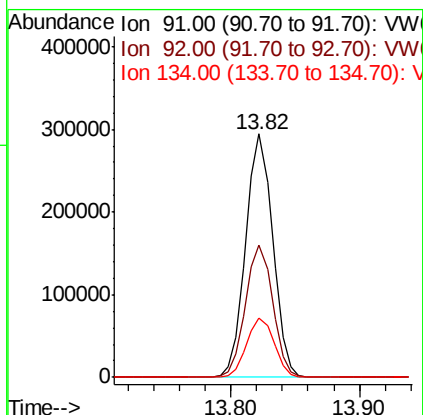
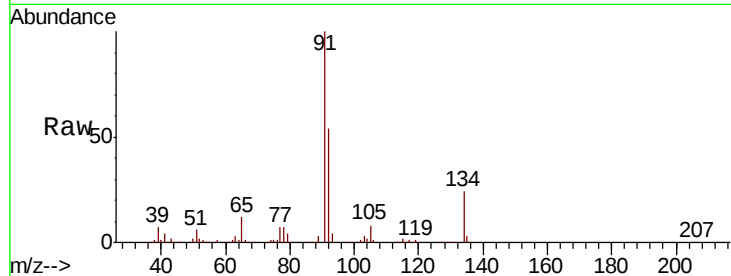




#89
n-Butylbenzene
Concen: 48.319 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

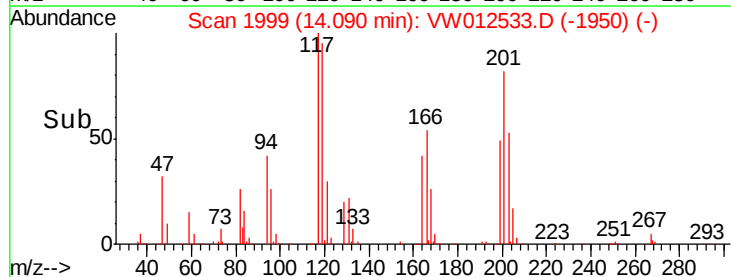
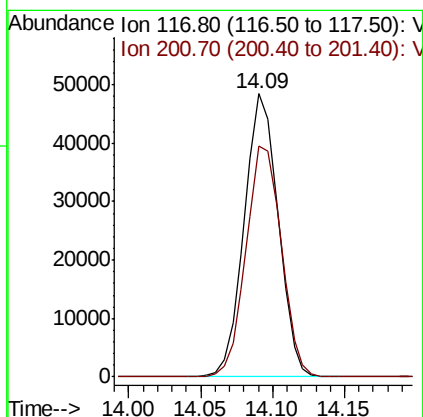
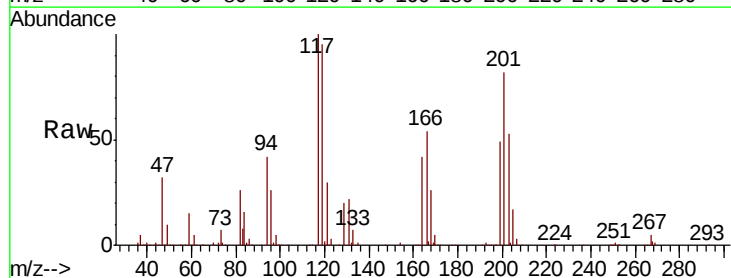
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

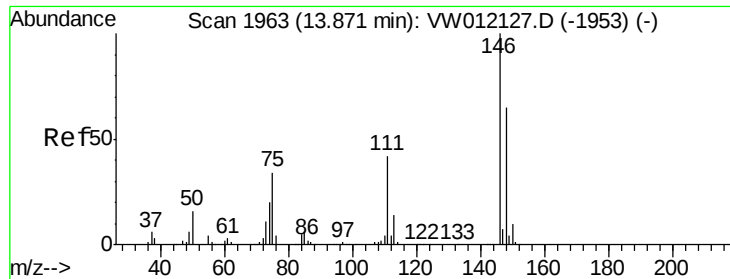
Tgt Ion: 91 Resp: 427486
Ion Ratio Lower Upper
91 100
92 54.7 27.1 81.2
134 24.8 12.2 36.4



#90
Hexachloroethane
Concen: 50.720 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion: 117 Resp: 79168
Ion Ratio Lower Upper
117 100
201 84.7 38.6 115.7





#91

1,2-Dichlorobenzene

Concen: 54.591 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

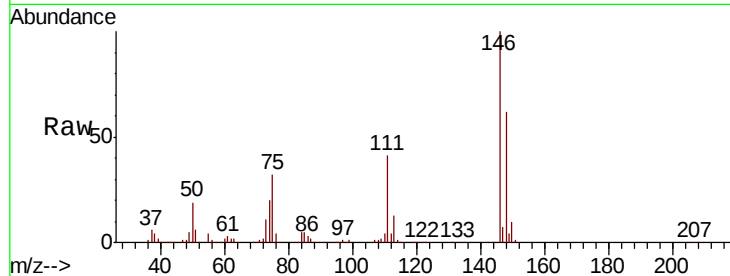
Tgt Ion:146 Resp: 199074

Ion Ratio Lower Upper

146 100

111 42.2 21.2 63.6

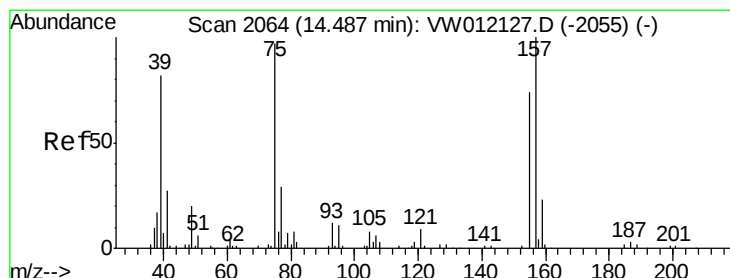
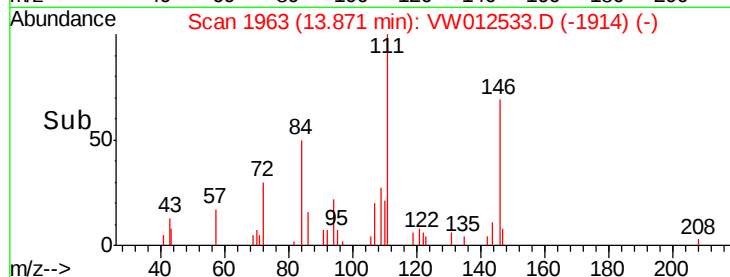
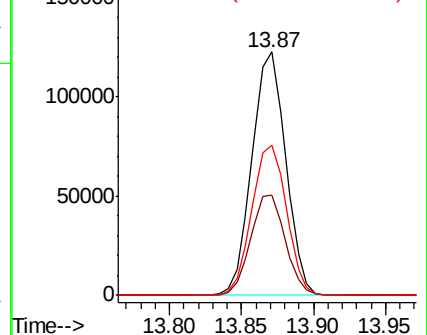
148 63.4 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.407 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW012533.D

Acq: 03 Sep 2019 07:06

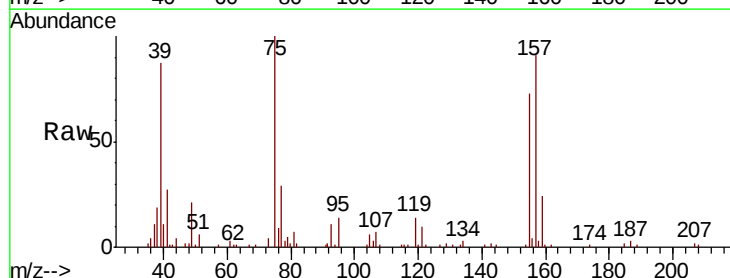
Tgt Ion: 75 Resp: 16215

Ion Ratio Lower Upper

75 100

155 81.1 37.5 112.3

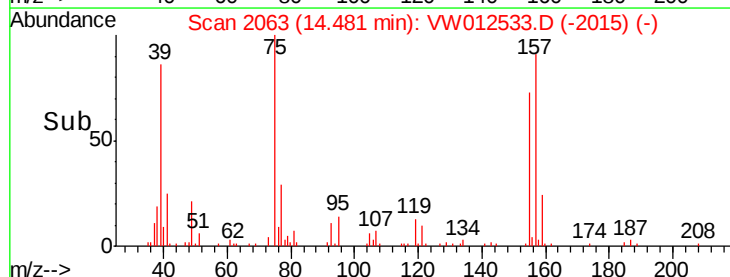
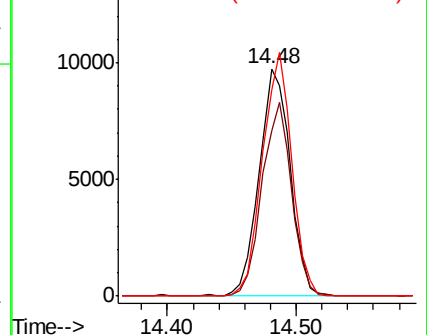
157 101.2 50.5 151.5

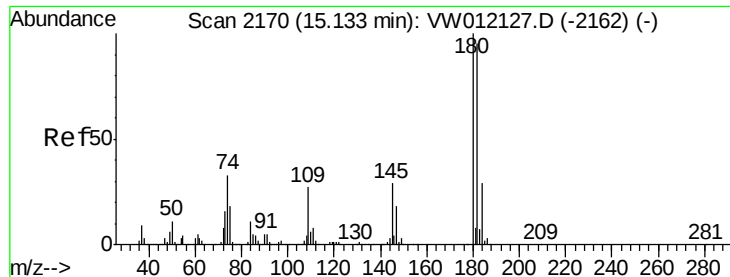


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

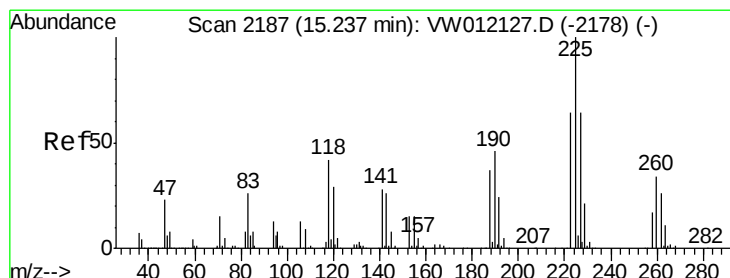
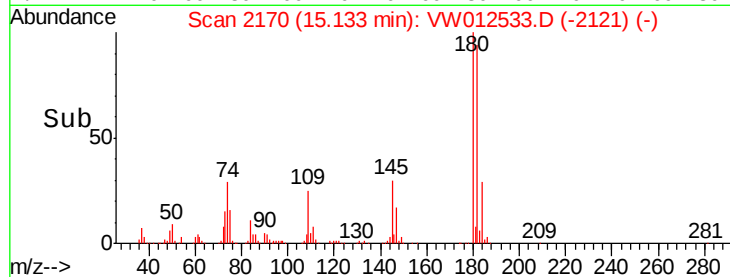
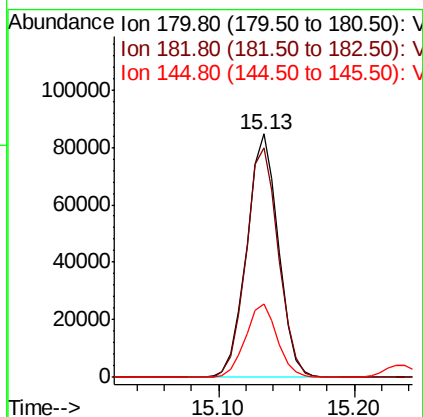
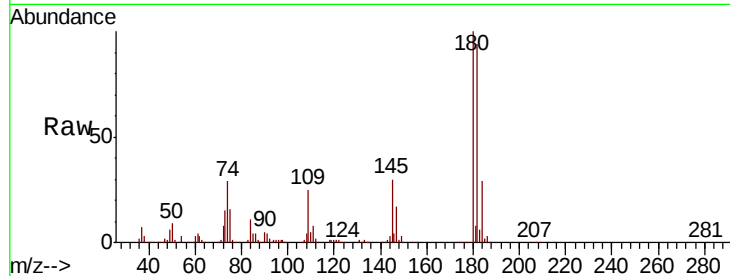




#93
 1,2,4-Trichlorobenzene
 Concen: 54.745 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

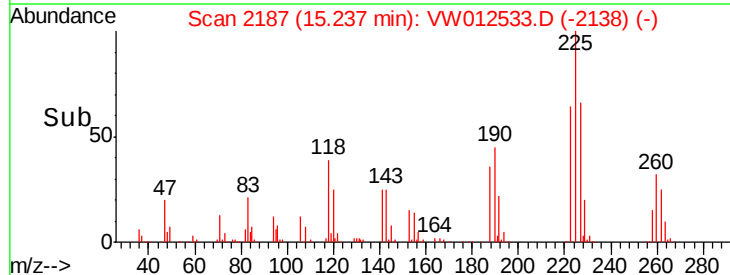
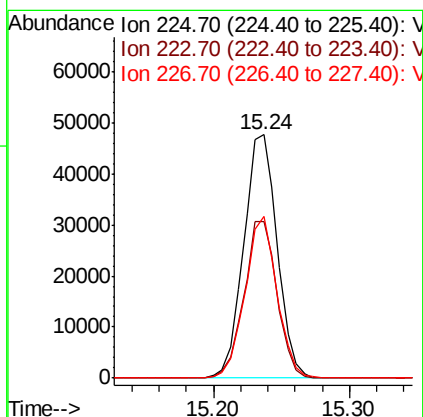
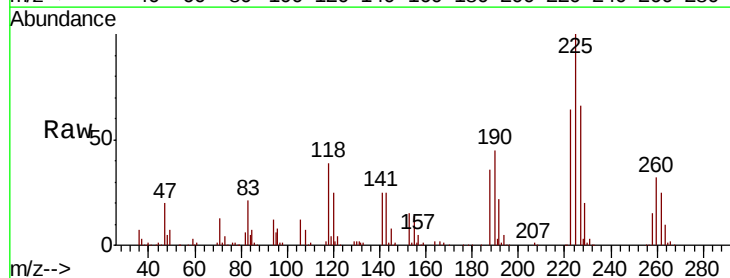
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

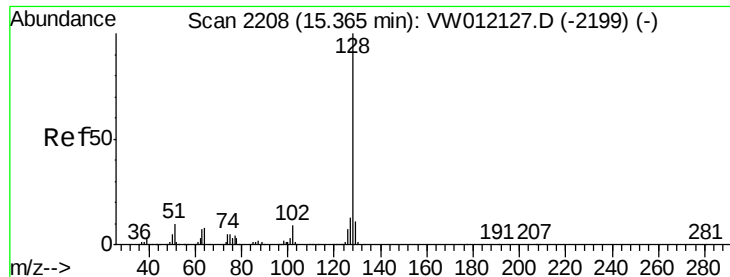
Tgt Ion:180 Resp: 137962
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.4
 145 30.2 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 49.198 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012533.D
 Acq: 03 Sep 2019 07:06

Tgt Ion:225 Resp: 81866
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.3 96.8
 227 63.3 32.9 98.6

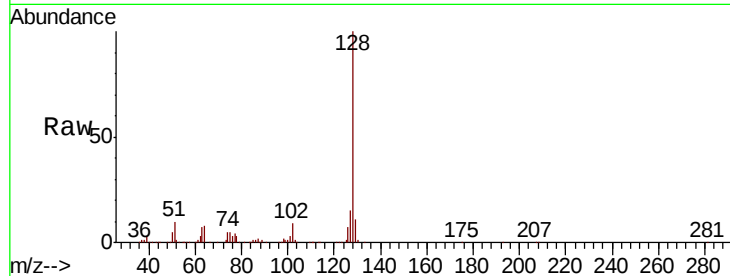




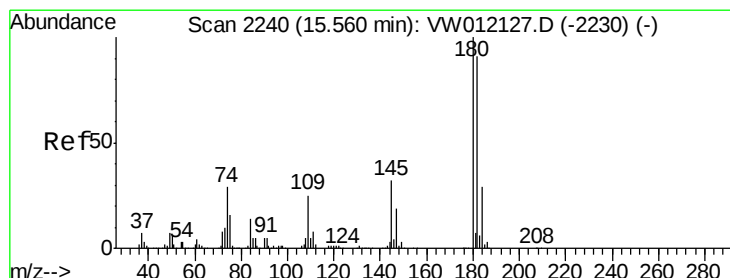
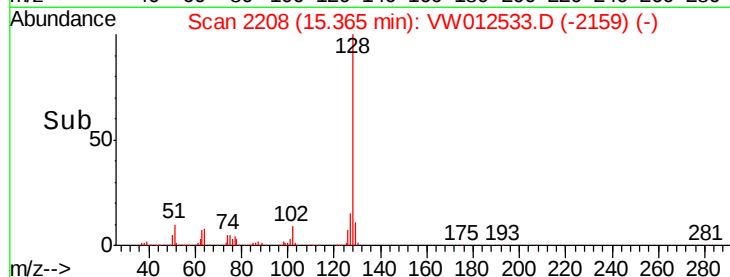
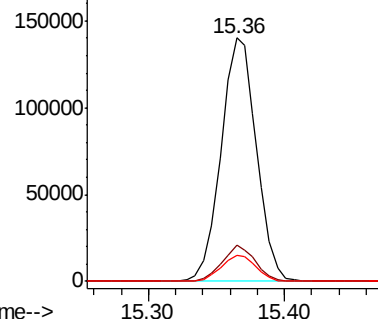
#95
Naphthalene
Concen: 51.340 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 254504
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.7 8.7 13.1

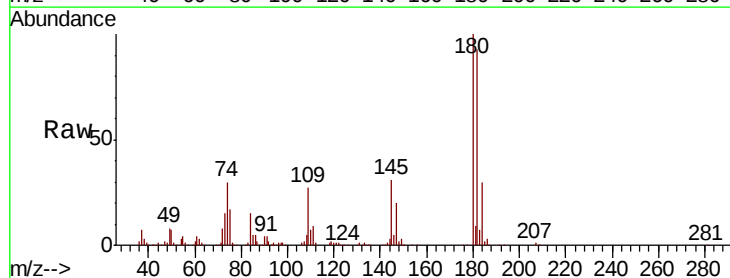


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 55.869 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012533.D
Acq: 03 Sep 2019 07:06

Tgt Ion:180 Resp: 122839
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.3
145 31.6 16.2 48.5



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

