

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011837.D
 Acq On : 10 Aug 2019 02:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 11 01:32:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144010	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143396	65.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.20%	
35) Dibromofluoromethane	7.88	113	109938	60.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.22%	
50) Toluene-d8	10.32	98	431760	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	
62) 4-Bromofluorobenzene	12.62	95	157338	58.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	48215	45.444 ug/l	98
3) Chloromethane	2.21	50	86061	46.779 ug/l	99
4) Vinyl Chloride	2.36	62	101615	45.877 ug/l	95
5) Bromomethane	2.76	94	51829	42.275 ug/l	96
6) Chloroethane	2.91	64	60114	47.513 ug/l	95
7) Trichlorofluoromethane	3.25	101	46623	47.099 ug/l	100
8) Diethyl Ether	3.68	74	62100	55.331 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92367	49.189 ug/l	99
10) Methyl Iodide	4.27	142	138516	52.198 ug/l	98
11) Tert butyl alcohol	5.18	59	42719	265.933 ug/l	100
12) 1,1-Dichloroethene	4.04	96	96482	48.663 ug/l	97
13) Acrolein	3.89	56	33416	213.040 ug/l	99
14) Allyl chloride	4.67	41	213964	50.740 ug/l	99
15) Acrylonitrile	5.37	53	168418	300.606 ug/l	98
16) Acetone	4.13	43	140446	201.974 ug/l	99
17) Carbon Disulfide	4.39	76	288007	46.412 ug/l	100
18) Methyl Acetate	4.67	43	99415	63.641 ug/l	96
19) Methyl tert-butyl Ether	5.42	73	179617	57.090 ug/l	99
20) Methylene Chloride	4.91	84	123625	51.550 ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	112054	52.422 ug/l	95
22) Diisopropyl ether	6.31	45	452647	56.934 ug/l	98
23) Vinyl Acetate	6.25	43	1418822	284.009 ug/l	99
24) 1,1-Dichloroethane	6.21	63	231620	54.397 ug/l	99
25) 2-Butanone	7.17	43	238162	261.743 ug/l	98
26) 2,2-Dichloropropane	7.17	77	108966	41.612 ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	125375	53.294 ug/l	99
28) Bromochloromethane	7.51	49	117047	61.931 ug/l	# 99
29) Tetrahydrofuran	7.53	42	157476	302.774 ug/l	99
30) Chloroform	7.67	83	215633	54.892 ug/l	97
31) Cyclohexane	7.96	56	187412	45.852 ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	158649	53.030 ug/l	99
36) 1,1-Dichloropropene	8.08	75	164056	48.397 ug/l	99
37) Ethyl Acetate	7.25	43	106235	54.473 ug/l	97
38) Carbon Tetrachloride	8.07	117	142163	48.990 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	174400	46.724	ug/l	98
40) Benzene	8.32	78	484397	51.016	ug/l	100
41) Methacrylonitrile	7.48	41	73808	63.311	ug/l	94
42) 1,2-Dichloroethane	8.40	62	164229	55.245	ug/l	100
43) Isopropyl Acetate	8.43	43	203560	56.755	ug/l	99
44) Trichloroethene	9.09	130	114238	50.058	ug/l	96
45) 1,2-Dichloropropane	9.37	63	134958	53.121	ug/l	98
46) Dibromomethane	9.46	93	63731	54.961	ug/l	98
47) Bromodichloromethane	9.64	83	164050	53.934	ug/l	99
48) Methyl methacrylate	9.43	41	100623	58.404	ug/l	99
49) 1,4-Dioxane	9.46	88	19827	1180.906	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	541591	290.305	ug/l	100
52) Toluene	10.38	92	295584	51.549	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	167741	52.793	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	195303	51.697	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	90160	54.801	ug/l	98
56) Ethyl methacrylate	10.65	69	137761	57.221	ug/l	99
57) 1,3-Dichloropropane	10.93	76	170543	54.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	367495	336.194	ug/l	100
59) 2-Hexanone	10.97	43	368045	279.408	ug/l	100
60) Dibromochloromethane	11.13	129	100451	55.004	ug/l	99
61) 1,2-Dibromoethane	11.23	107	84935	54.552	ug/l	100
64) Tetrachloroethene	10.86	164	98928	51.120	ug/l	98
65) Chlorobenzene	11.66	112	299239	50.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108252	52.009	ug/l	100
67) Ethyl Benzene	11.73	91	571355	50.205	ug/l	100
68) m/p-Xylenes	11.84	106	411072	99.323	ug/l	100
69) o-Xylene	12.16	106	196151	51.002	ug/l	99
70) Styrene	12.18	104	346113	52.049	ug/l	100
71) Bromoform	12.35	173	57525	54.206	ug/l #	97
73) Isopropylbenzene	12.46	105	530717	49.399	ug/l	99
74) N-amyl acetate	12.27	43	186553	55.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111416	55.133	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	145293	95.350	ug/l #	100
77) Bromobenzene	12.74	156	121639	51.224	ug/l	98
78) n-propylbenzene	12.80	91	648791	49.621	ug/l	99
79) 2-Chlorotoluene	12.89	91	381962	50.709	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	457295	50.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34024	51.460	ug/l	96
82) 4-Chlorotoluene	12.99	91	399287	50.523	ug/l	100
83) tert-Butylbenzene	13.21	119	377074	50.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	460195	50.727	ug/l	99
85) sec-Butylbenzene	13.38	105	530080	49.329	ug/l	99
86) p-Isopropyltoluene	13.50	119	481617	49.398	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	230957	49.603	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	231803	50.046	ug/l	100
89) n-Butylbenzene	13.82	91	468074	48.108	ug/l	99
90) Hexachloroethane	14.09	117	87799	50.926	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	210915	51.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18954	55.002	ug/l	98

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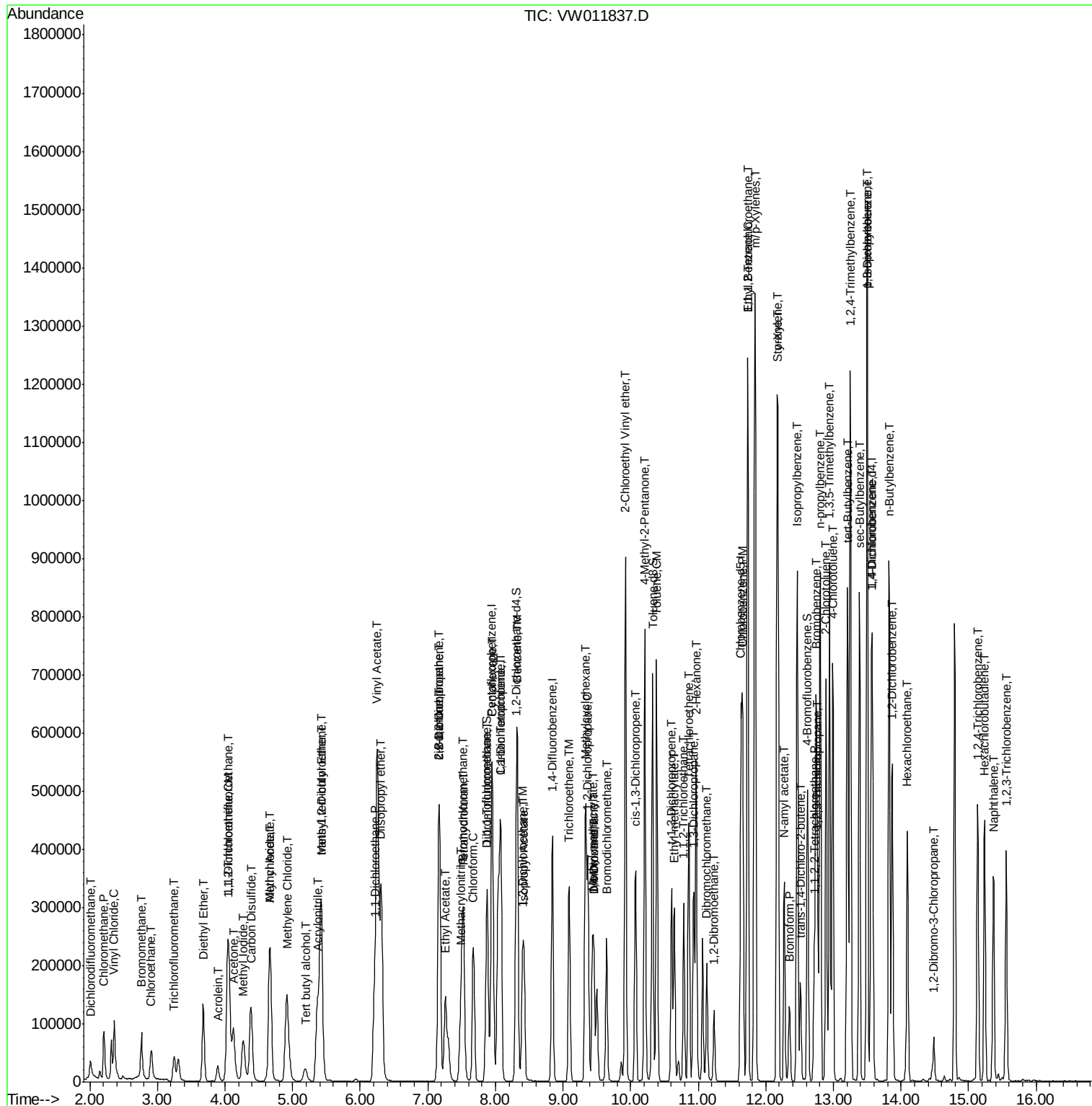
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	145148	50.011	ug/l	100
94) Hexachlorobutadiene	15.24	225	88958	49.149	ug/l	99
95) Naphthalene	15.36	128	290733	51.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	131208	51.574	ug/l	99

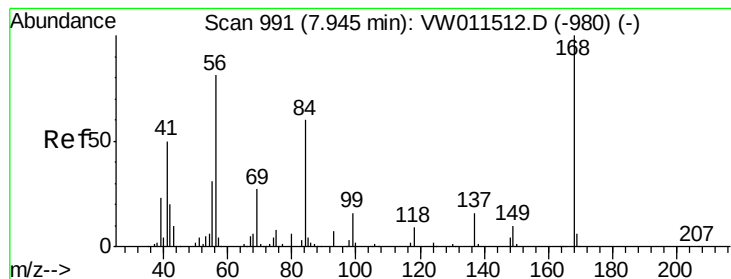
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

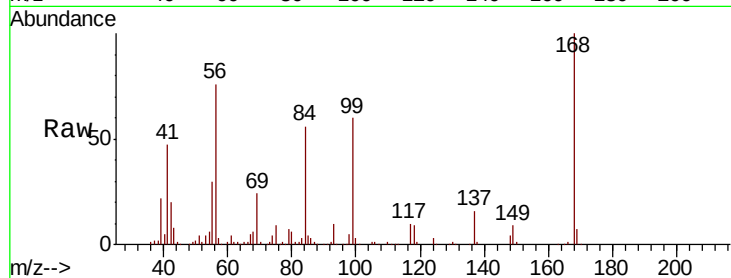
VSTDCCC050EC

Tgt Ion:168 Resp: 190373

Ion Ratio Lower Upper

168 100

99 60.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

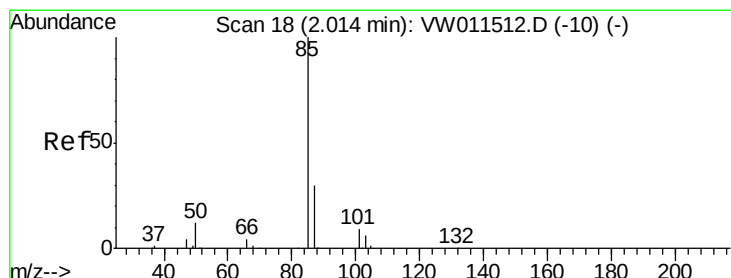
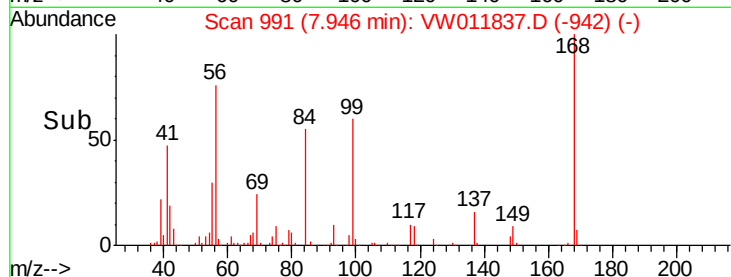
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 45.444 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011837.D

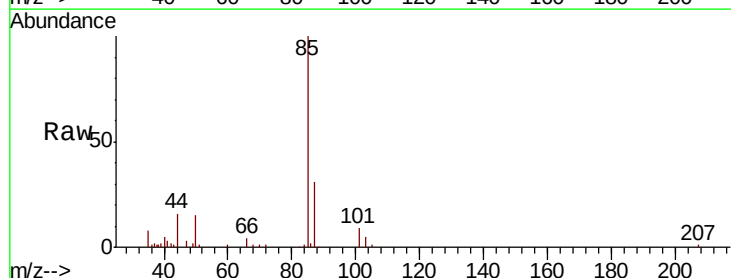
Acq: 10 Aug 2019 02:52

Tgt Ion: 85 Resp: 48215

Ion Ratio Lower Upper

85 100

87 31.4 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

10000

5000

0

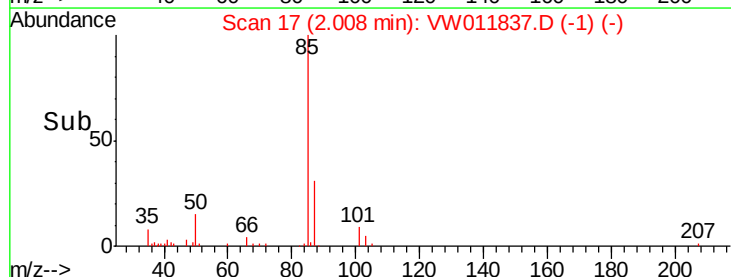
1.90

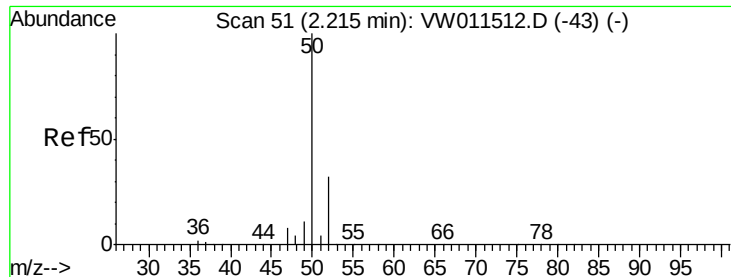
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 46.779 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

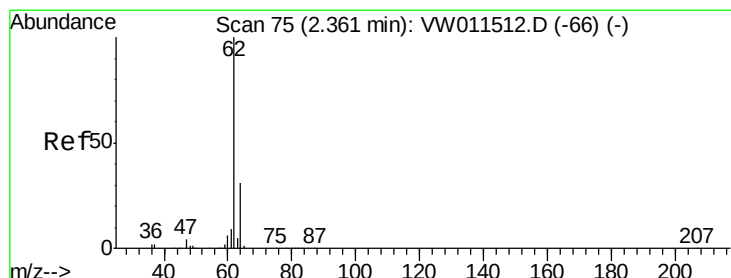
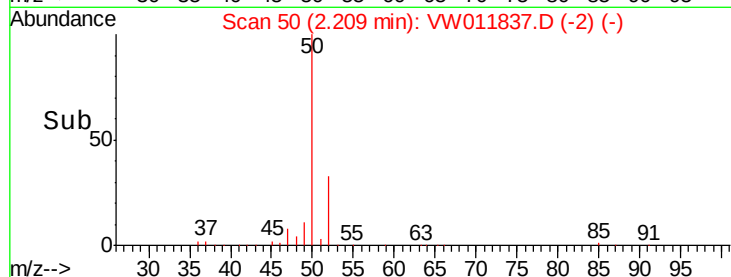
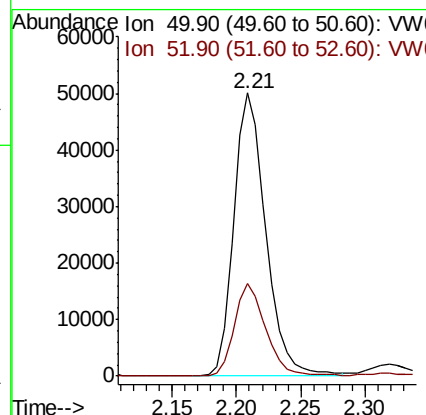
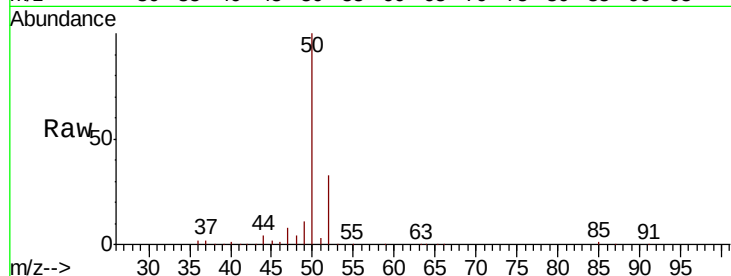
VSTDCCC050EC

Tgt Ion: 50 Resp: 86061

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 45.877 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011837.D

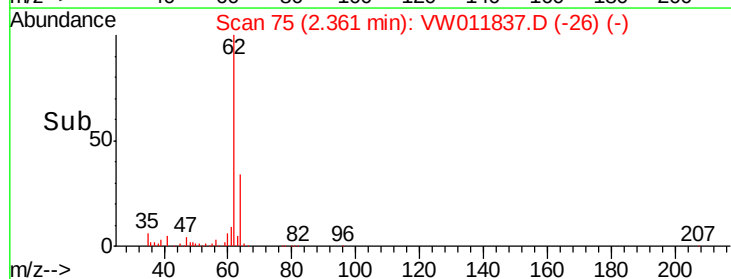
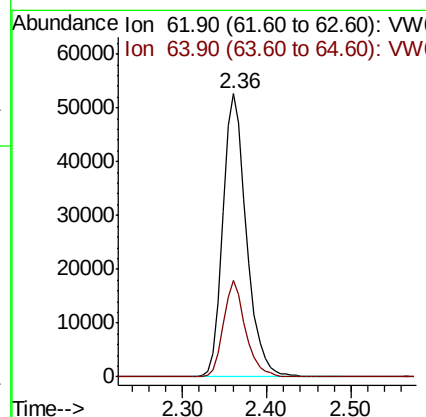
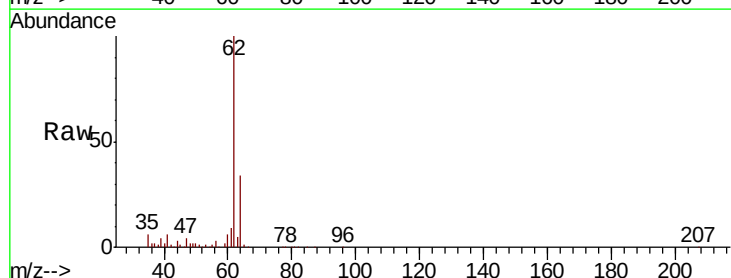
Acq: 10 Aug 2019 02:52

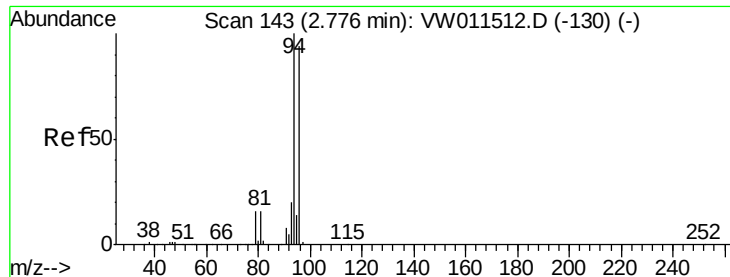
Tgt Ion: 62 Resp: 101615

Ion Ratio Lower Upper

62 100

64 34.1 25.0 37.4





#5

Bromomethane

Concen: 42.275 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

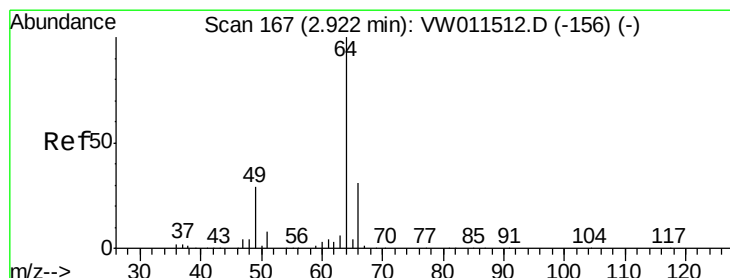
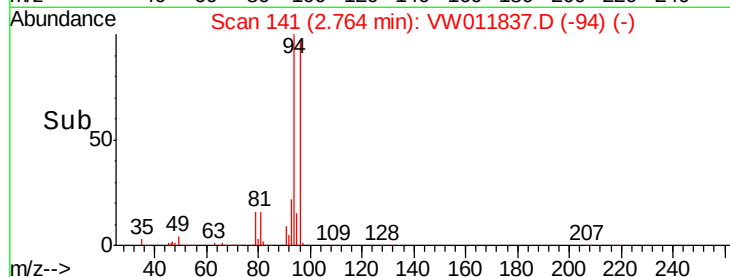
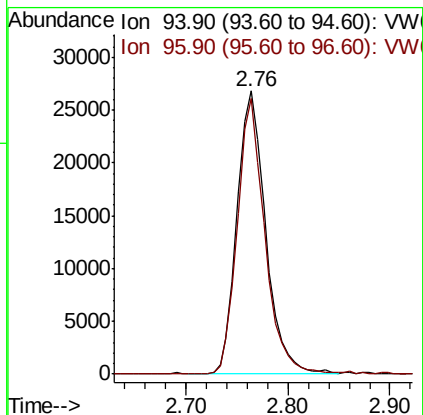
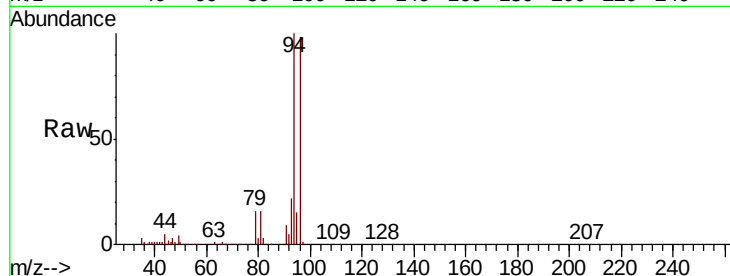
VSTDCCC050EC

Tgt Ion: 94 Resp: 51829

Ion Ratio Lower Upper

94 100

96 97.7 75.0 112.6



#6

Chloroethane

Concen: 47.513 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011837.D

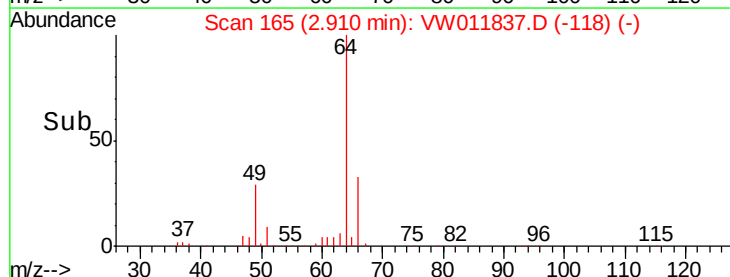
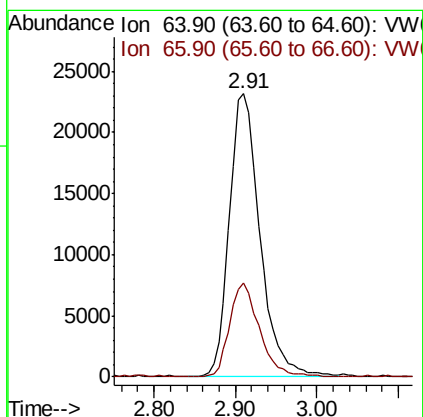
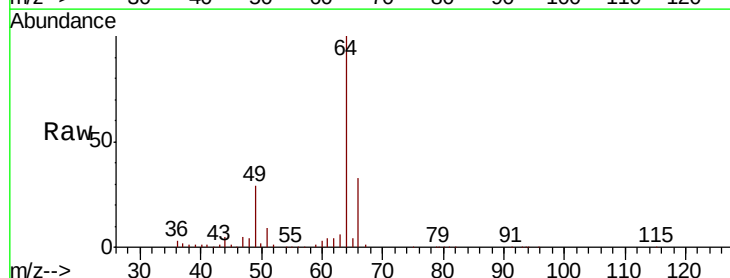
Acq: 10 Aug 2019 02:52

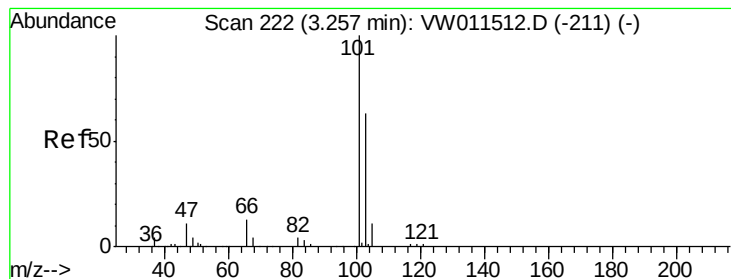
Tgt Ion: 64 Resp: 60114

Ion Ratio Lower Upper

64 100

66 33.2 24.6 36.8



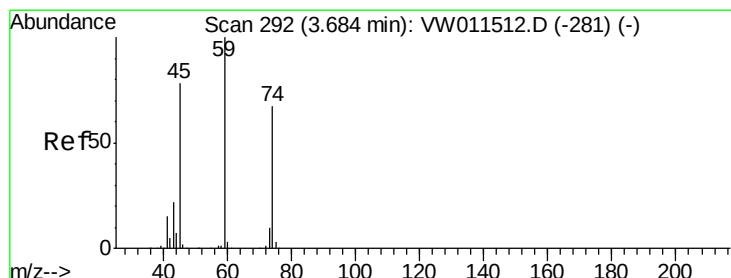
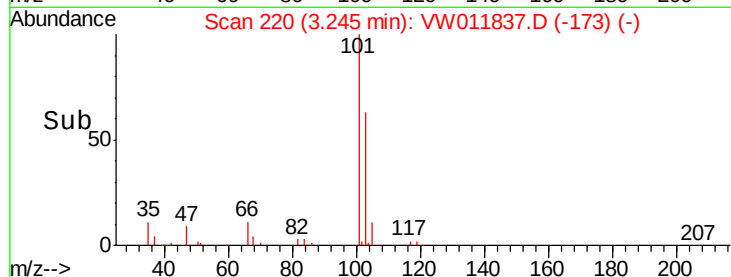
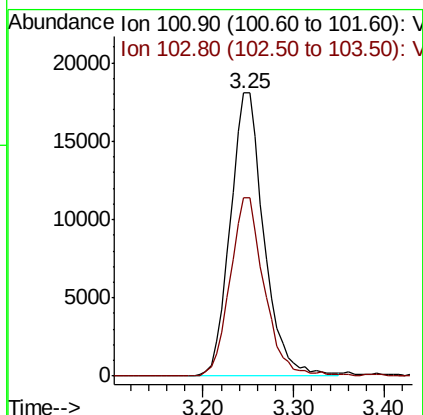
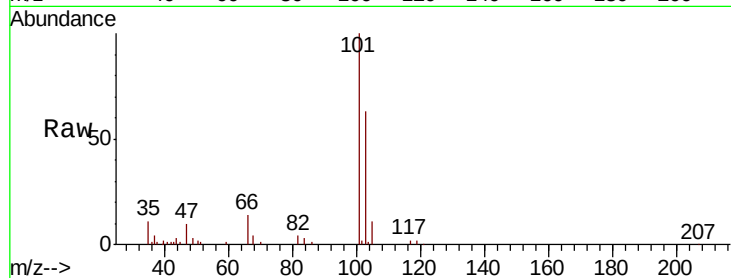


#7

Trichlorofluoromethane
 Concen: 47.099 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

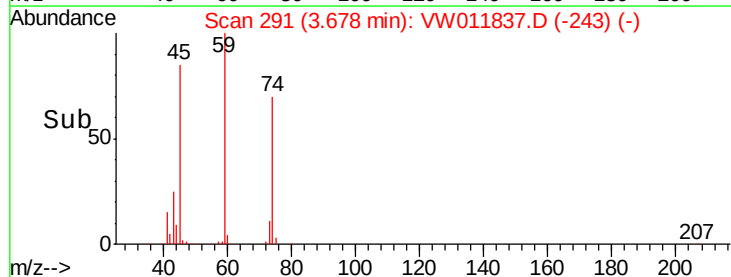
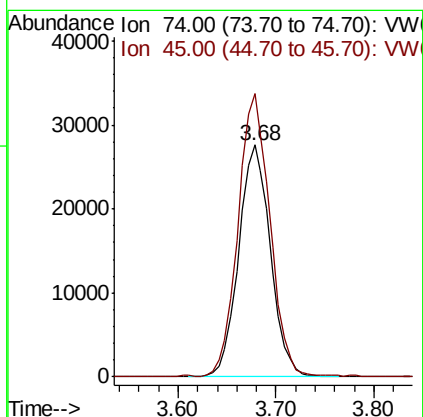
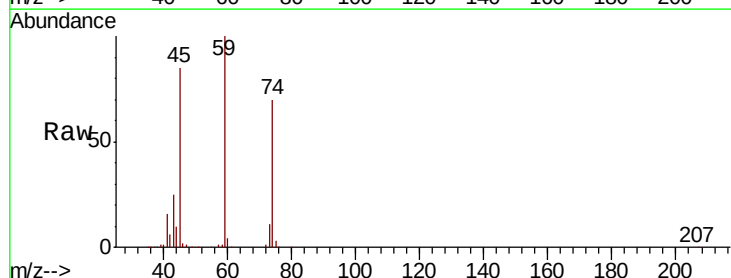
Tgt Ion:101 Resp: 46623
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.2 75.4

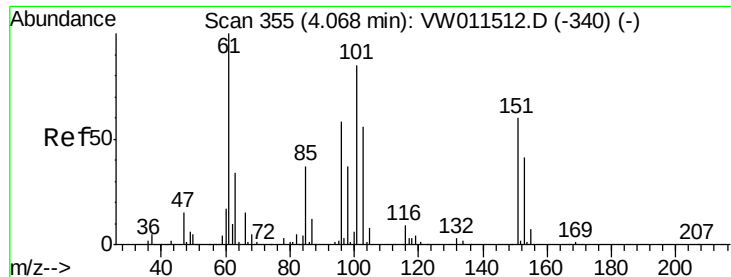


#8

Diethyl Ether
 Concen: 55.331 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion: 74 Resp: 62100
 Ion Ratio Lower Upper
 74 100
 45 121.5 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.189 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

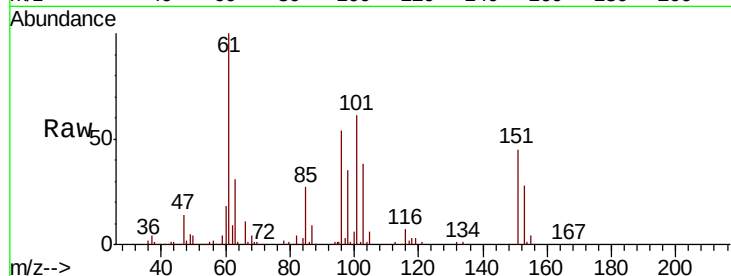
Tgt Ion:101 Resp: 92367

Ion Ratio Lower Upper

101 100

85 45.1 36.6 54.8

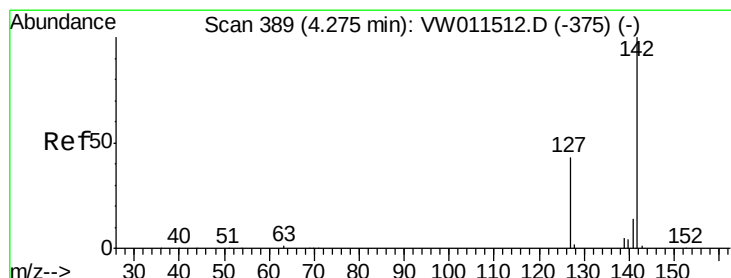
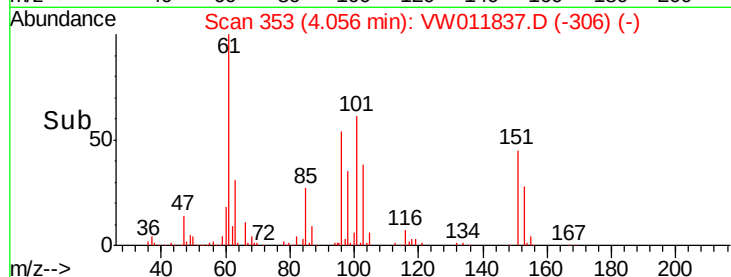
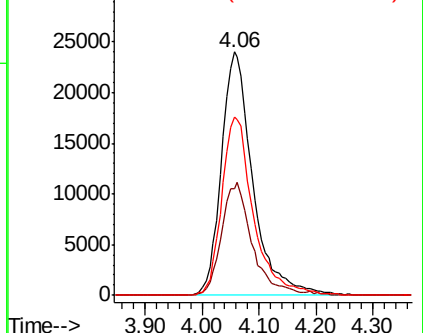
151 74.0 60.2 90.2



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: 52.198 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

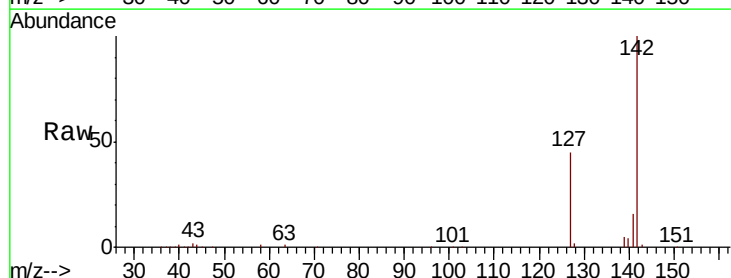
Tgt Ion:142 Resp: 138516

Ion Ratio Lower Upper

142 100

127 45.5 35.0 52.6

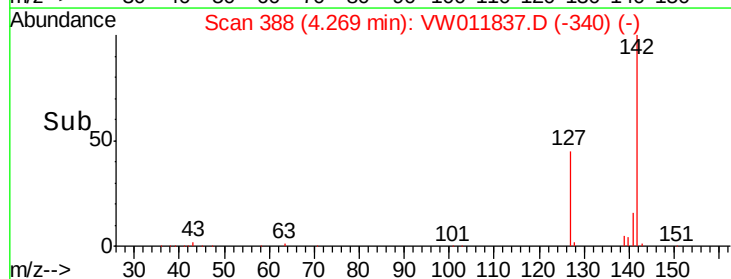
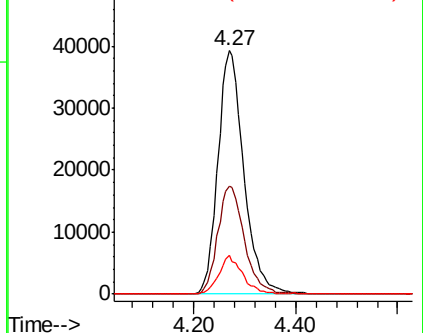
141 14.5 11.9 17.9

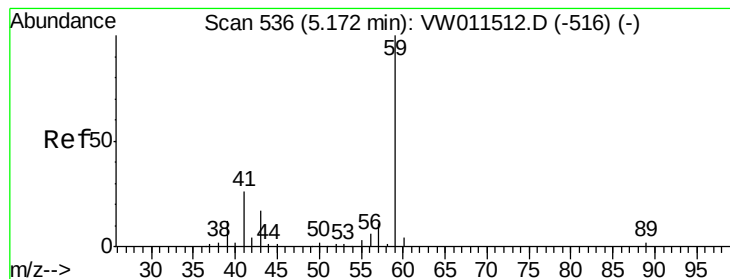


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



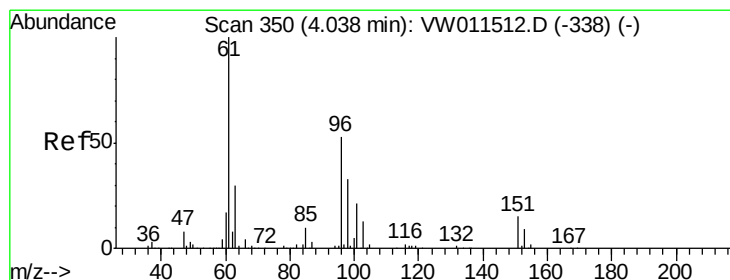
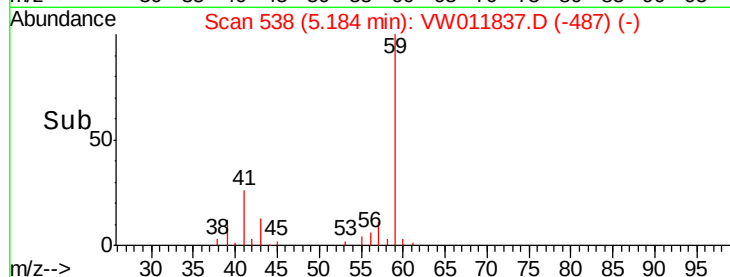
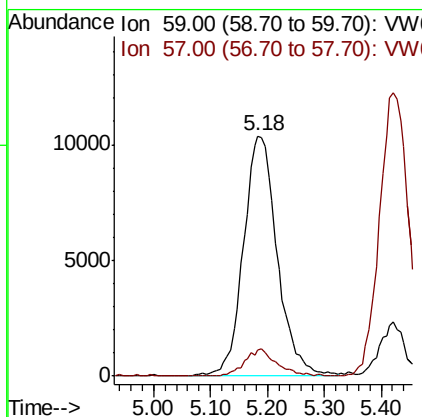
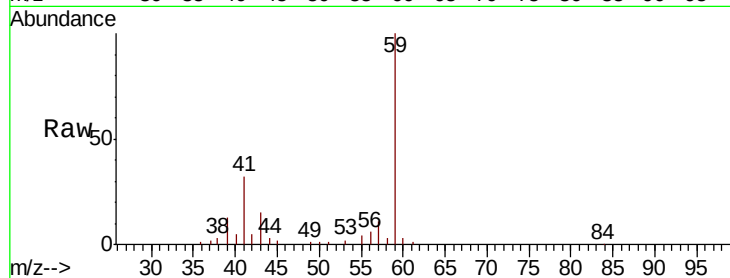


#11

Tert butyl alcohol
 Concen: 265.933 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

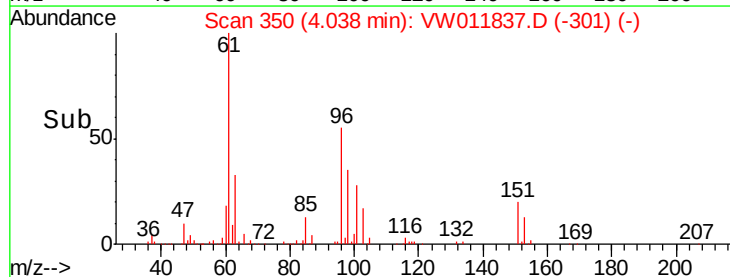
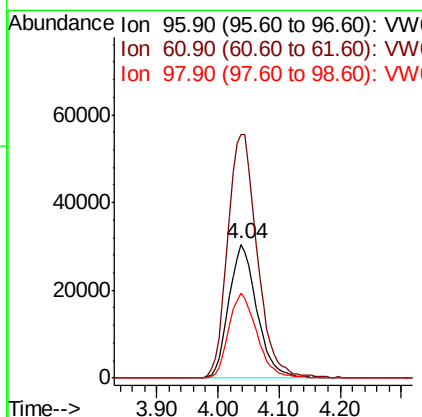
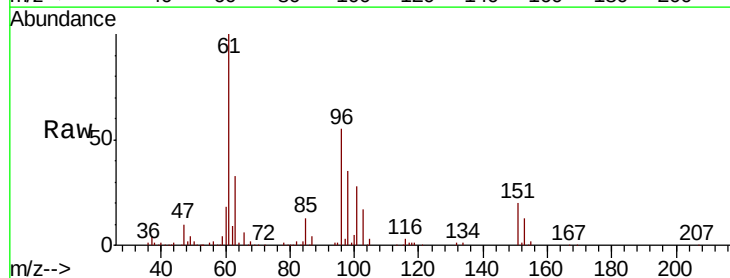
Tgt Ion: 59 Resp: 42719
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

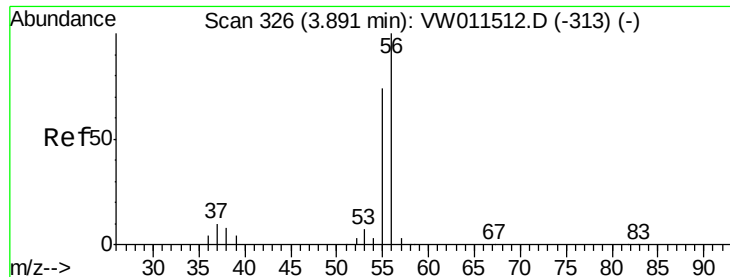


#12

1,1-Dichloroethene
 Concen: 48.663 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion: 96 Resp: 96482
 Ion Ratio Lower Upper
 96 100
 61 182.4 149.9 224.9
 98 63.7 49.1 73.7

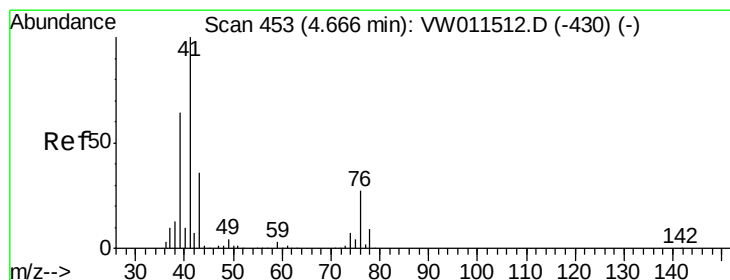
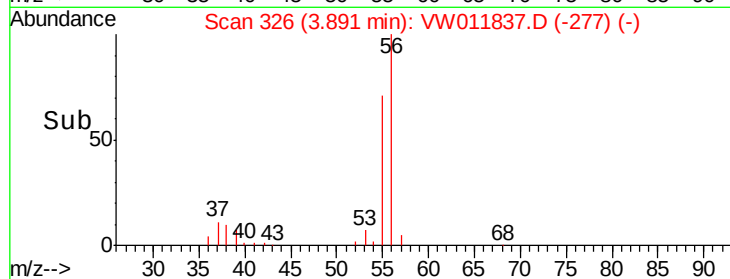
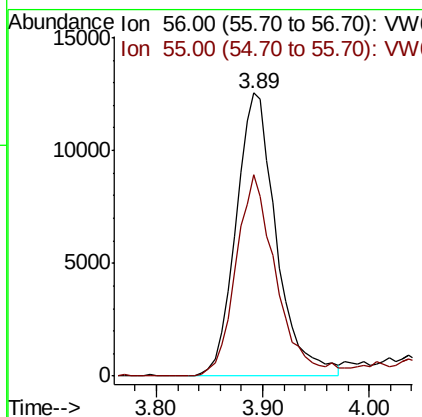
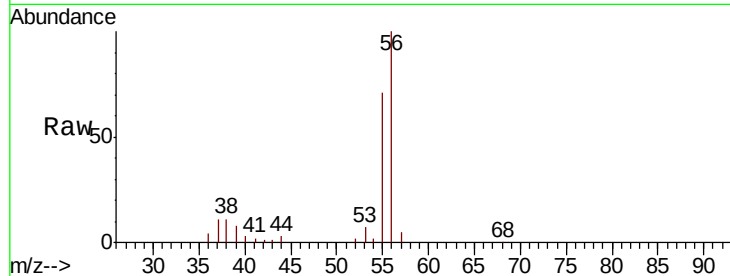




#13
Acrolein
Concen: 213.040 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

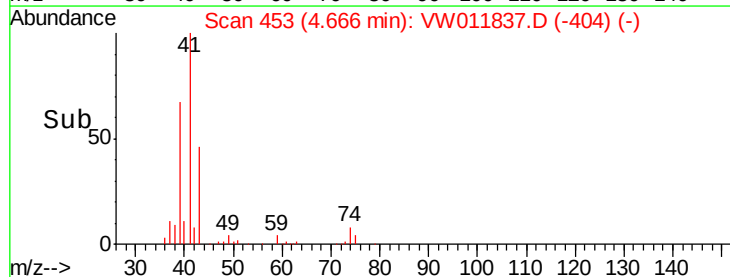
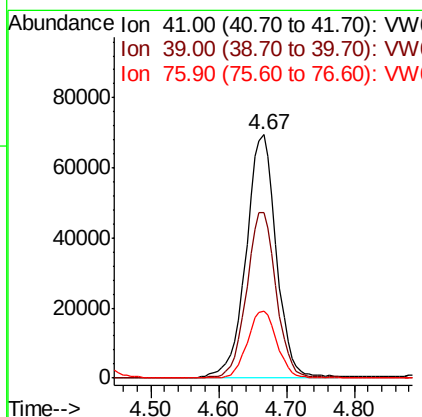
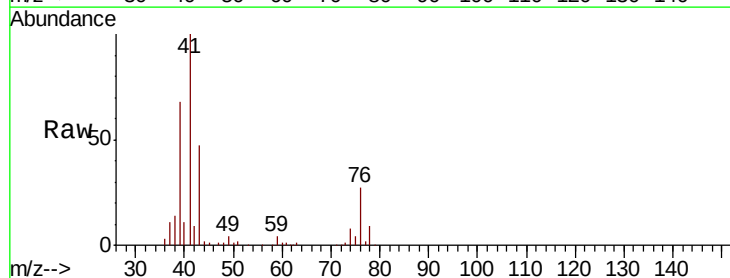
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

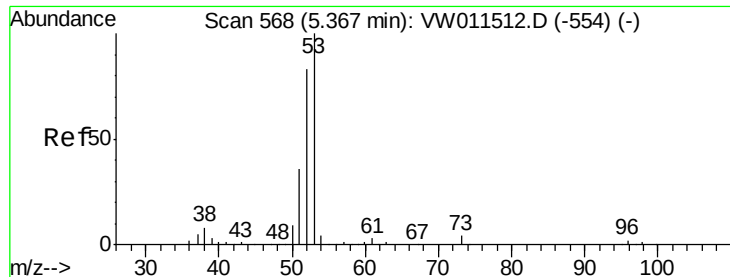
Tgt Ion: 56 Resp: 33416
Ion Ratio Lower Upper
56 100
55 71.1 56.0 84.0



#14
Allyl chloride
Concen: 50.740 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 41 Resp: 213964
Ion Ratio Lower Upper
41 100
39 66.6 52.6 78.8
76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 300.606 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

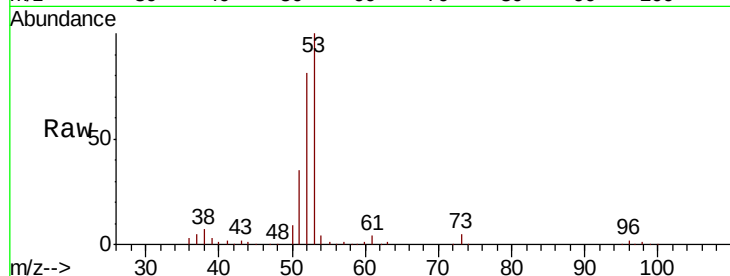
Tgt Ion: 53 Resp: 168418

Ion Ratio Lower Upper

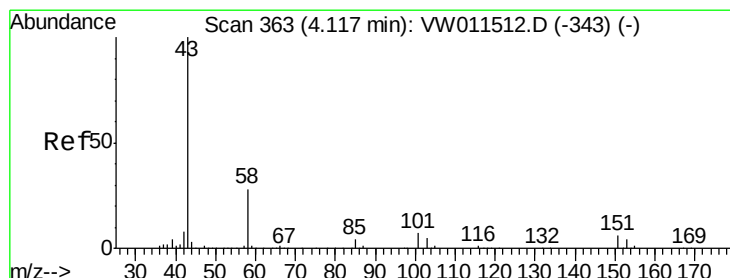
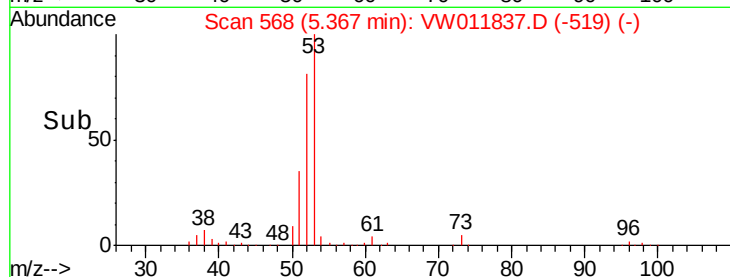
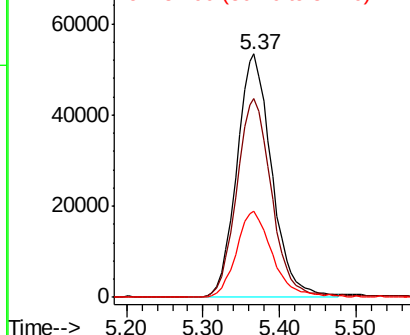
53 100

52 81.7 67.2 100.8

51 36.8 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 201.974 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011837.D

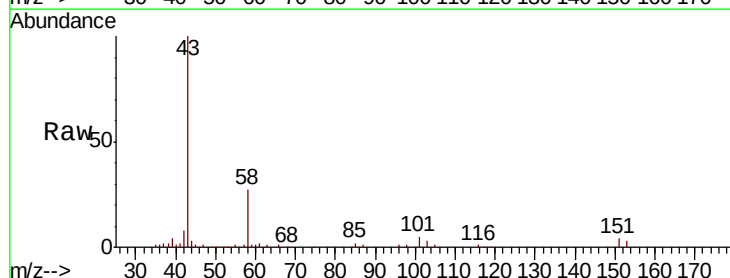
Acq: 10 Aug 2019 02:52

Tgt Ion: 43 Resp: 140446

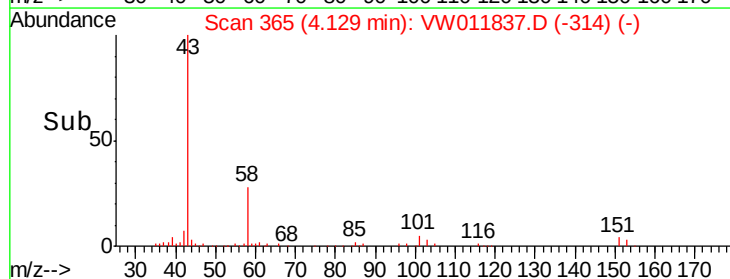
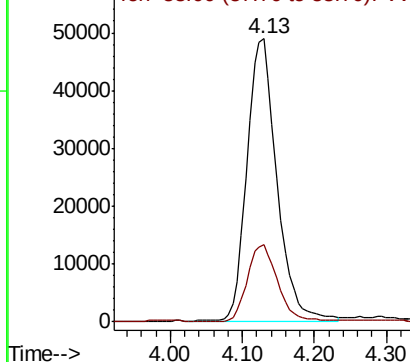
Ion Ratio Lower Upper

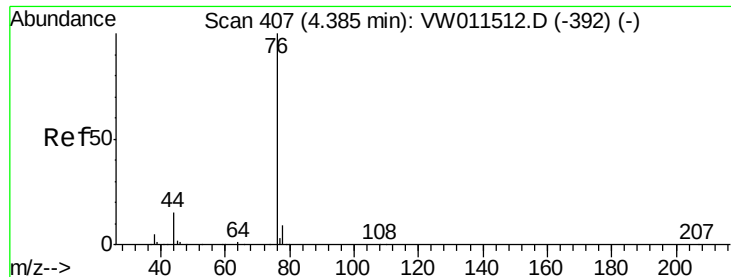
43 100

58 27.3 22.3 33.5



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

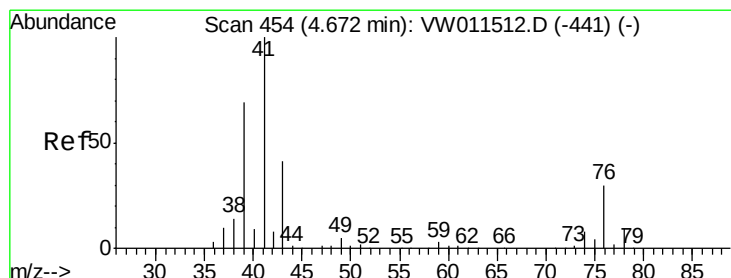
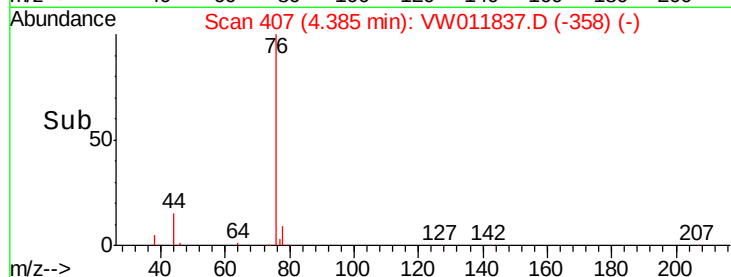
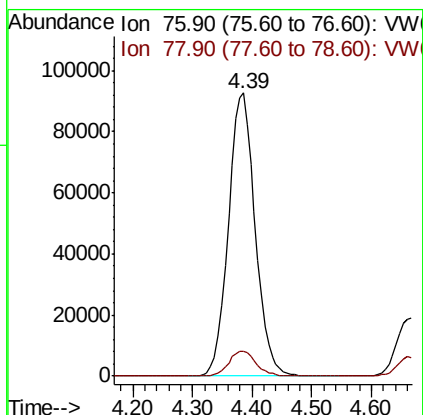
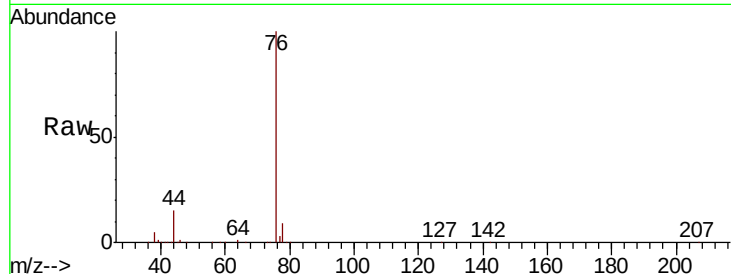




#17
Carbon Disulfide
Concen: 46.412 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

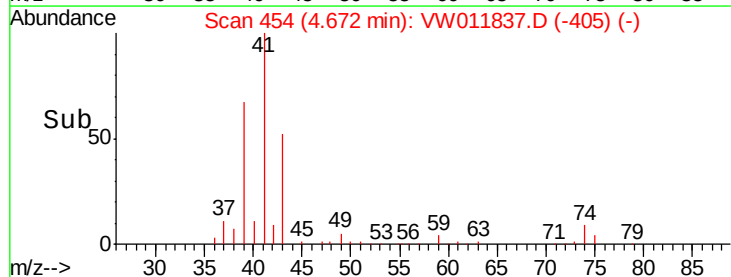
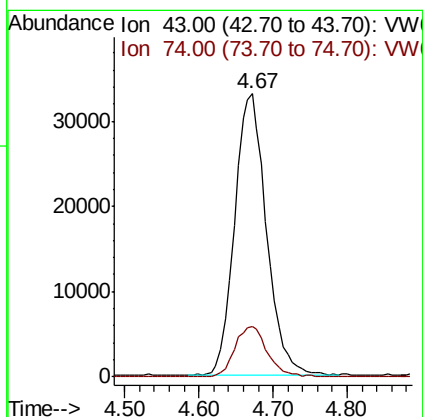
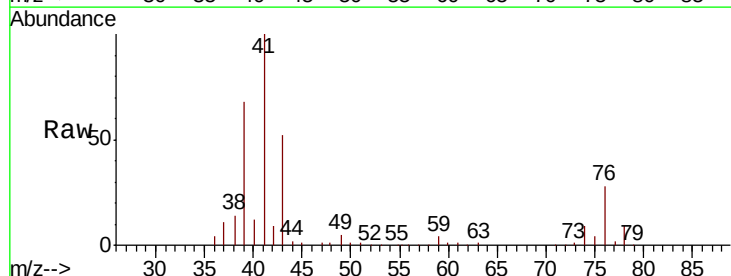
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

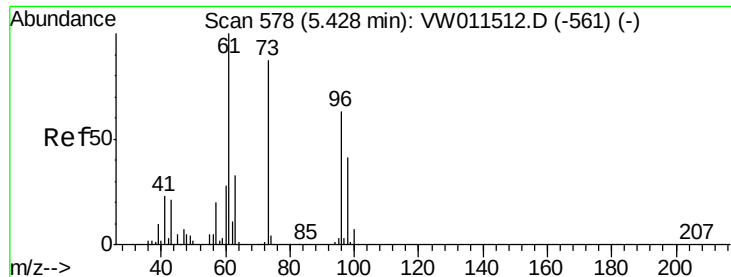
Tgt Ion: 76 Resp: 288007
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 63.641 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 43 Resp: 99415
Ion Ratio Lower Upper
43 100
74 18.3 15.9 23.9

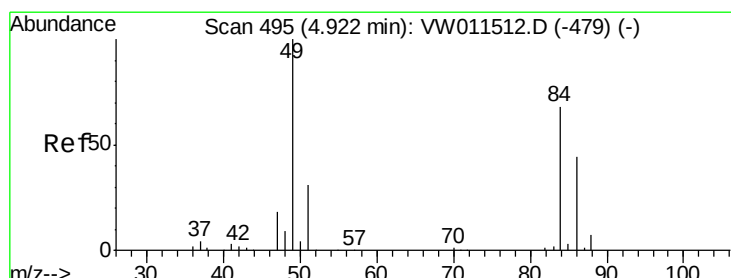
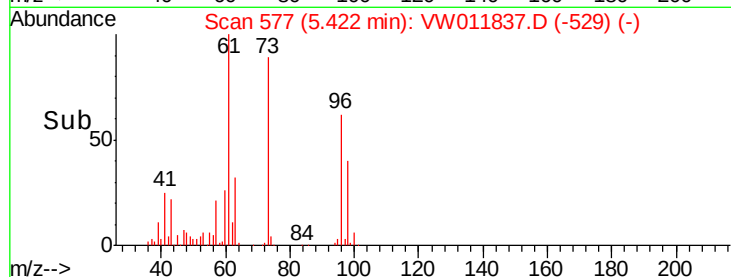
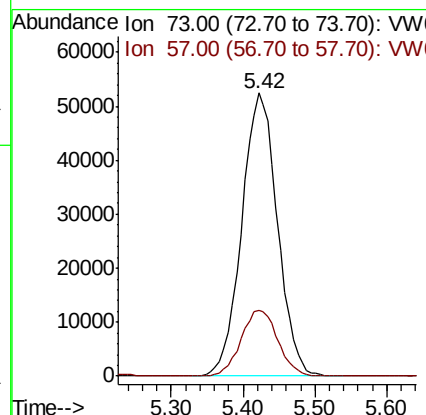
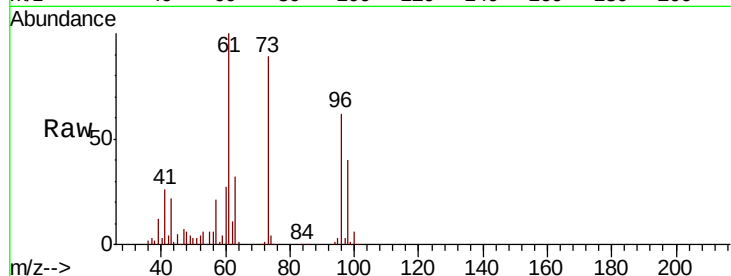




#19
Methyl tert-butyl Ether
Concen: 57.090 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

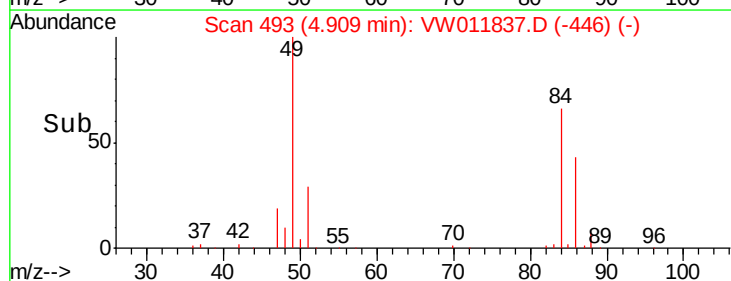
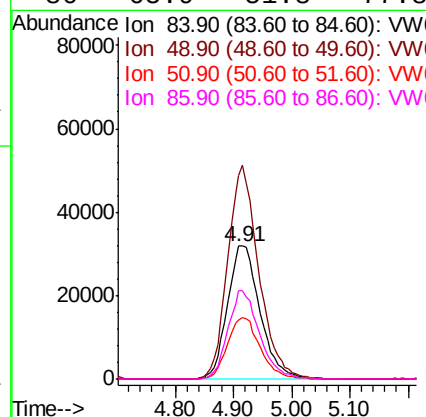
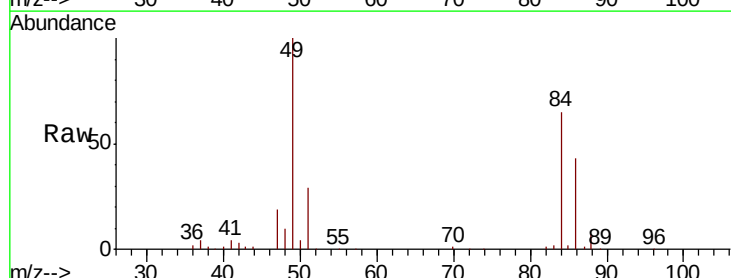
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

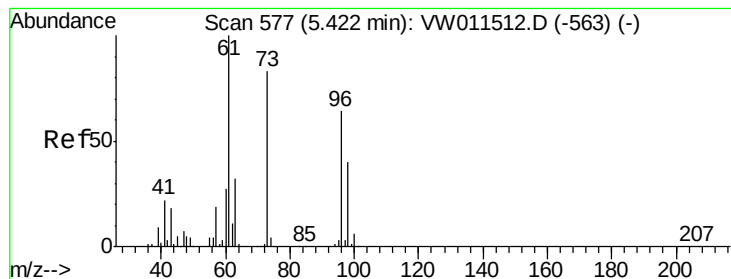
Tgt Ion: 73 Resp: 179617
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6



#20
Methylene Chloride
Concen: 51.550 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 84 Resp: 123625
Ion Ratio Lower Upper
84 100
49 152.8 117.8 176.6
51 44.7 37.0 55.4
86 65.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 52.422 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

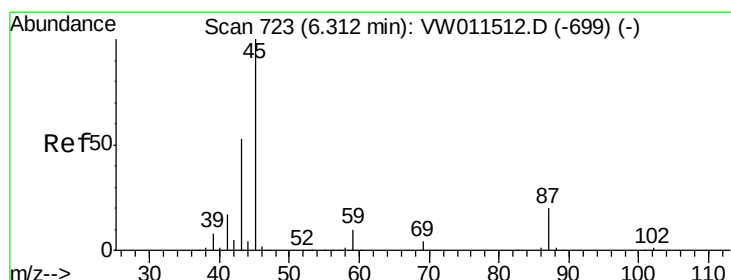
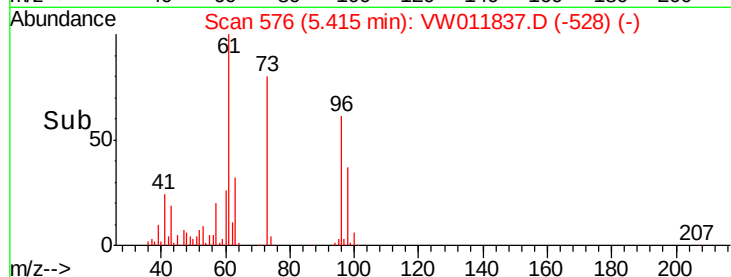
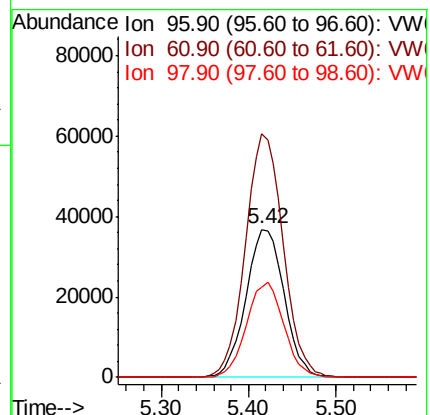
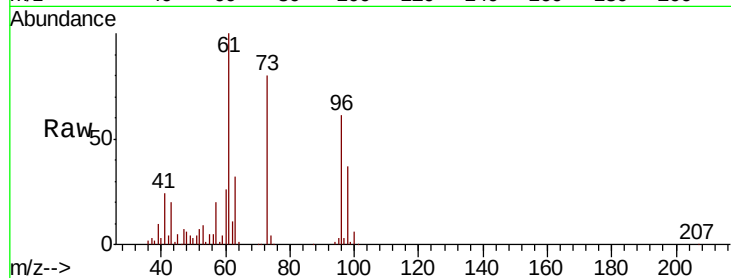
Tgt Ion: 96 Resp: 112054

Ion Ratio Lower Upper

96 100

61 164.9 125.7 188.5

98 61.1 50.3 75.5



#22

Diisopropyl ether

Concen: 56.934 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Tgt Ion: 45 Resp: 452647

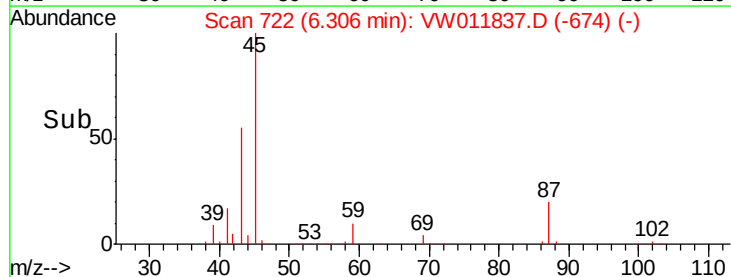
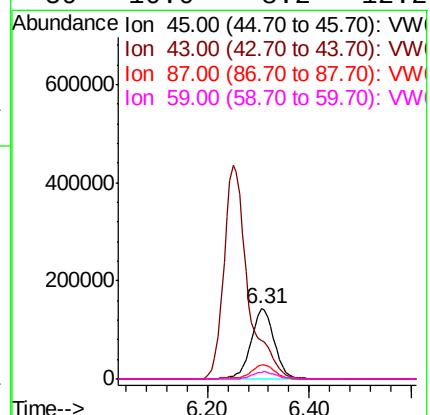
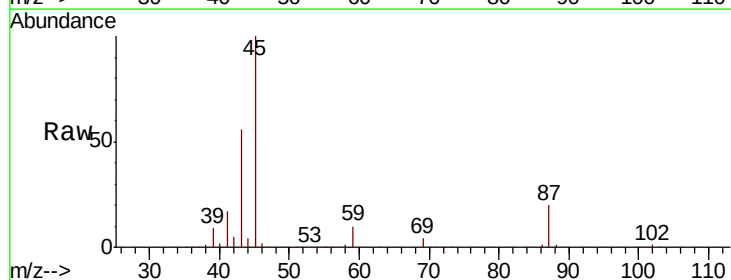
Ion Ratio Lower Upper

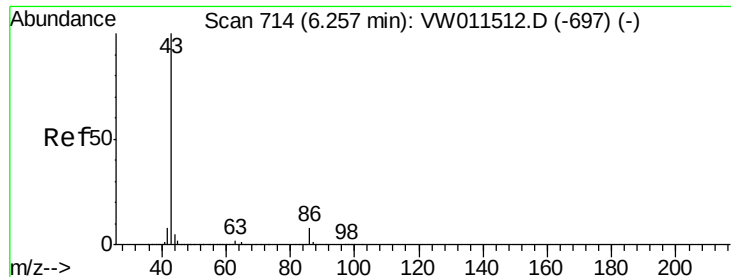
45 100

43 55.5 42.6 63.8

87 20.1 16.4 24.6

59 10.0 8.2 12.2





#23

Vinyl Acetate

Concen: 284.009 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

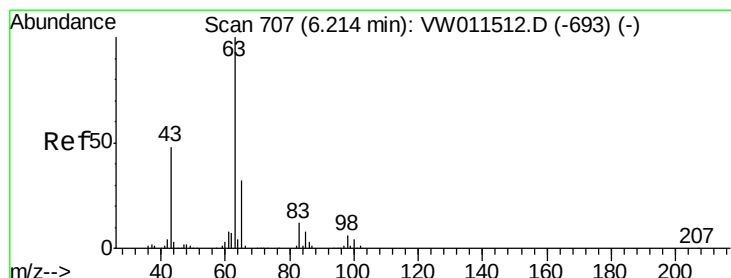
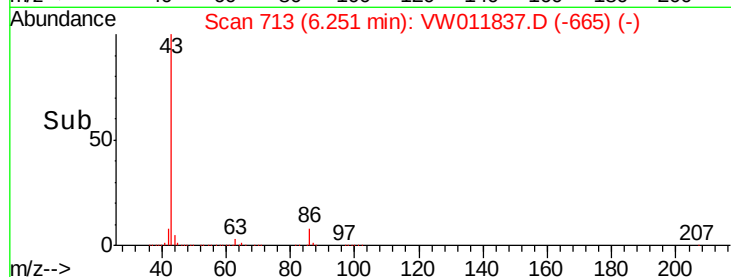
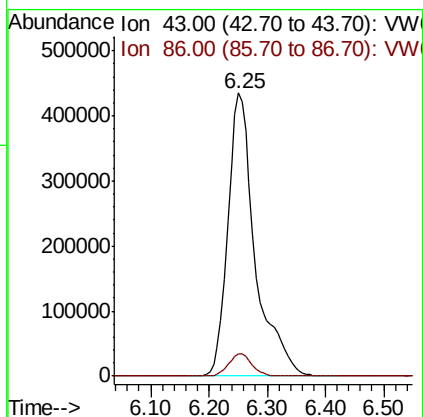
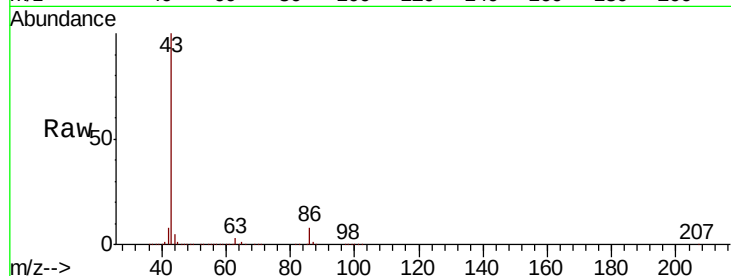
VSTDCCC050EC

Tgt Ion: 43 Resp: 1418822

Ion Ratio Lower Upper

43 100

86 7.7 6.5 9.7



#24

1,1-Dichloroethane

Concen: 54.397 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

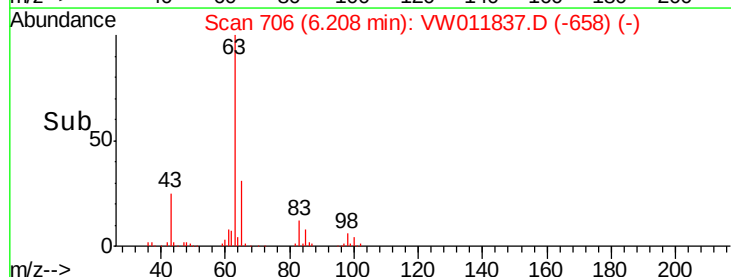
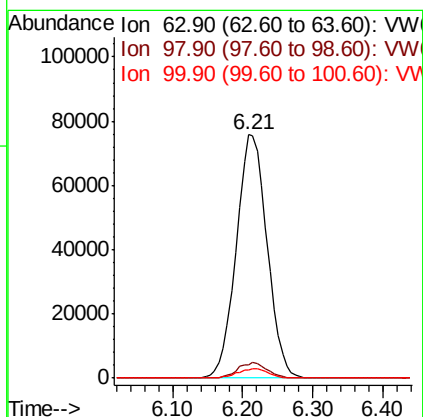
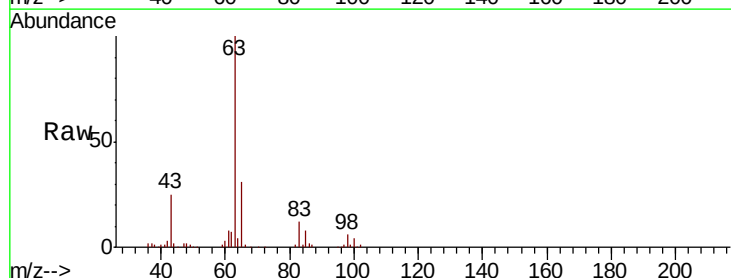
Tgt Ion: 63 Resp: 231620

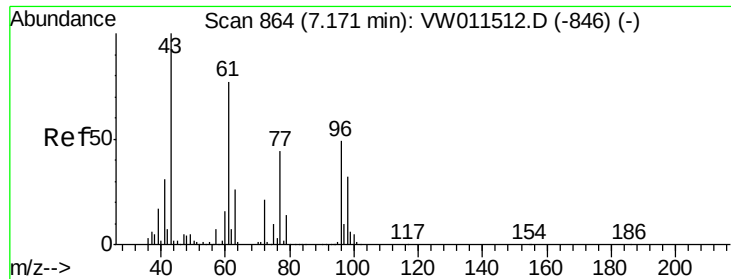
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.6 2.1 6.3





#25

2-Butanone

Concen: 261.743 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

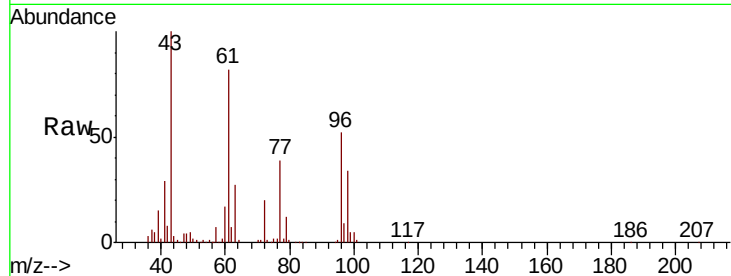
VSTDCCC050EC

Tgt Ion: 43 Resp: 238162

Ion Ratio Lower Upper

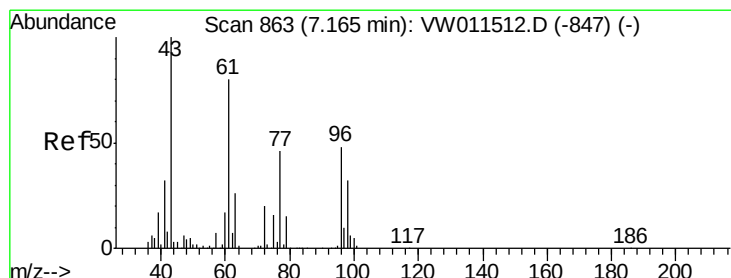
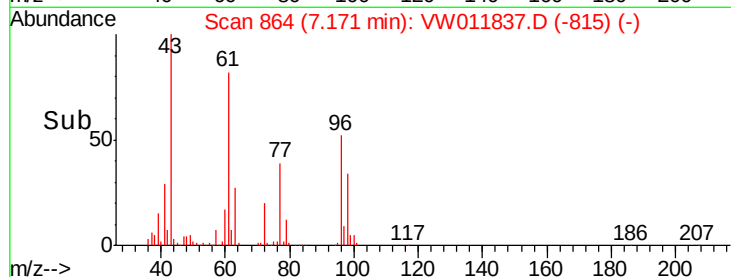
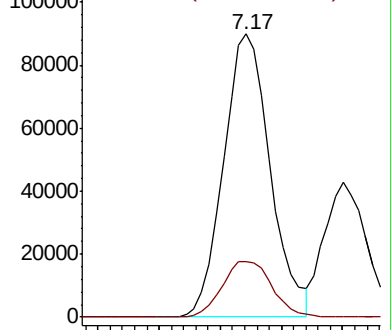
43 100

72 19.9 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 41.612 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011837.D

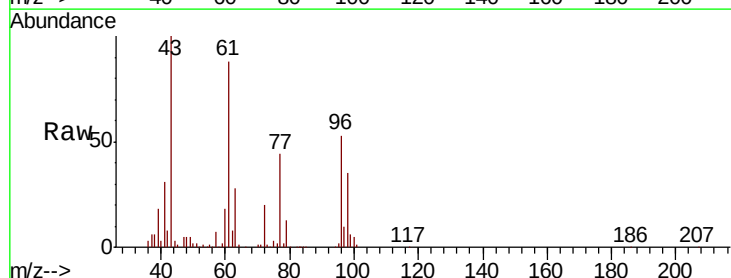
Acq: 10 Aug 2019 02:52

Tgt Ion: 77 Resp: 108966

Ion Ratio Lower Upper

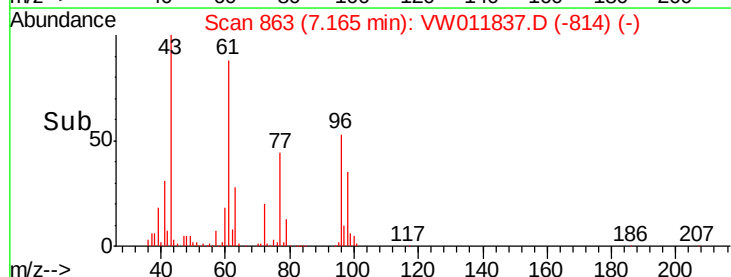
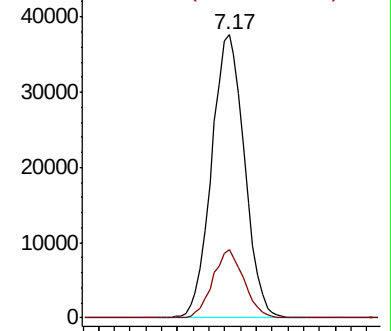
77 100

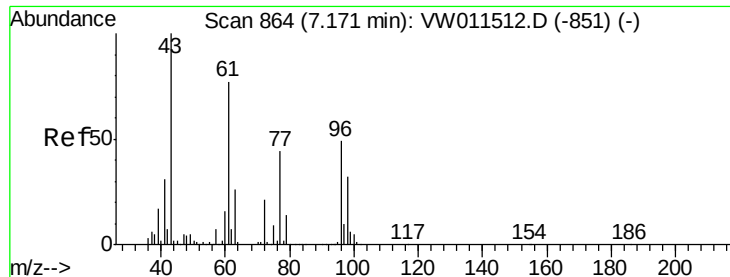
97 22.9 10.8 32.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



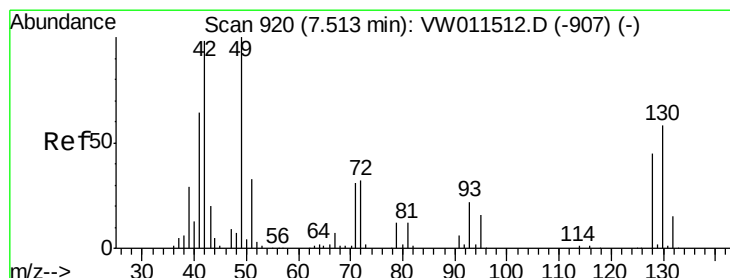
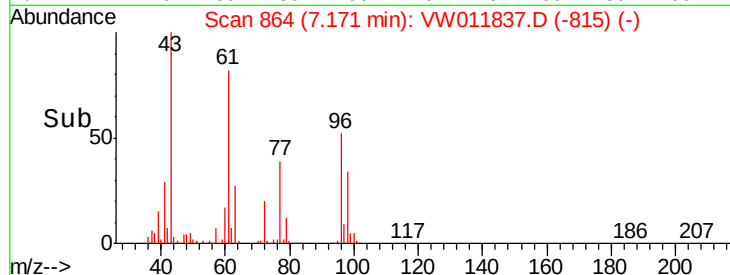
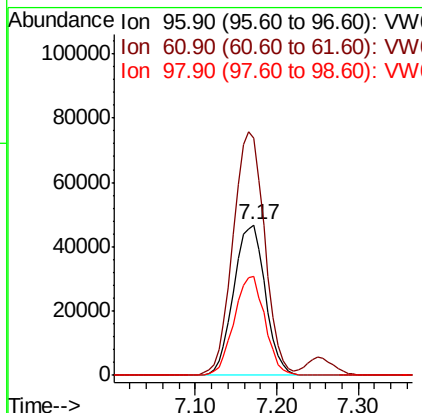
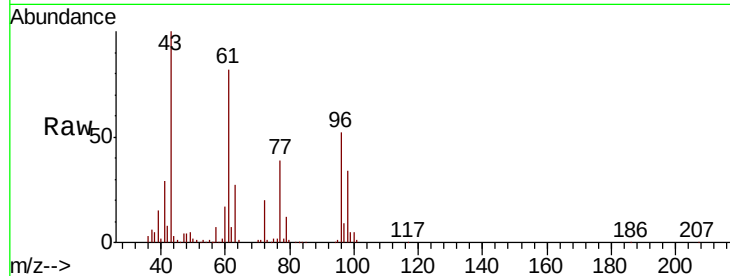


#27

cis-1,2-Dichloroethene
 Concen: 53.294 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

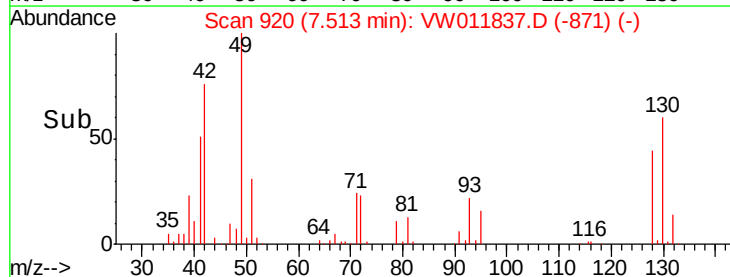
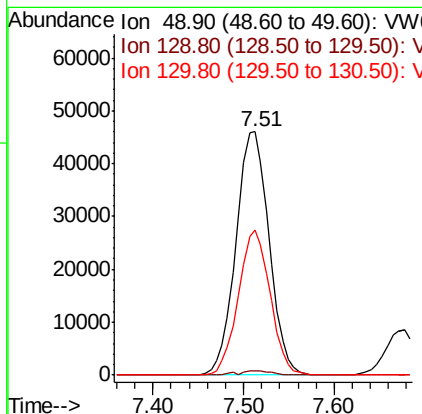
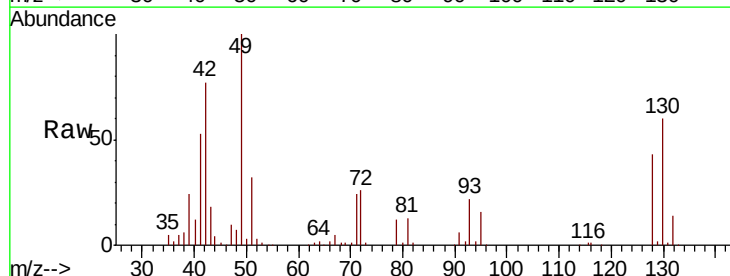
Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	0.0	328.4
98	64.2	0.0	128.8

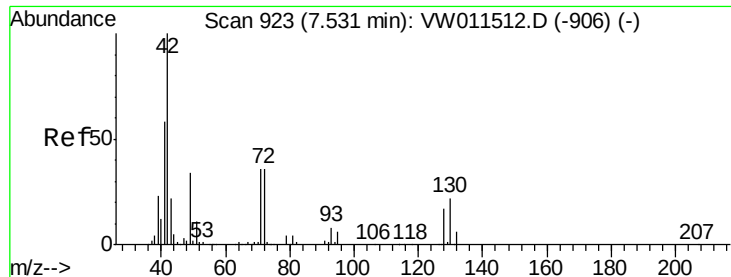


#28

Bromochloromethane
 Concen: 61.931 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	1.0#
130	57.1	46.3	69.5

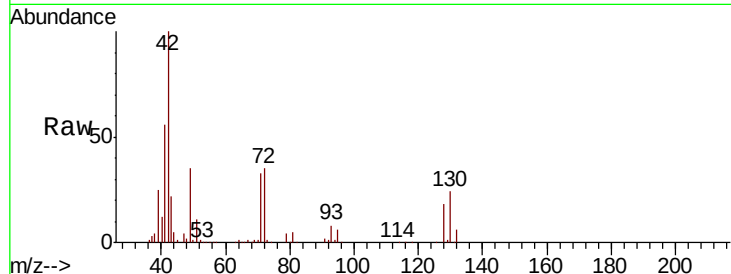




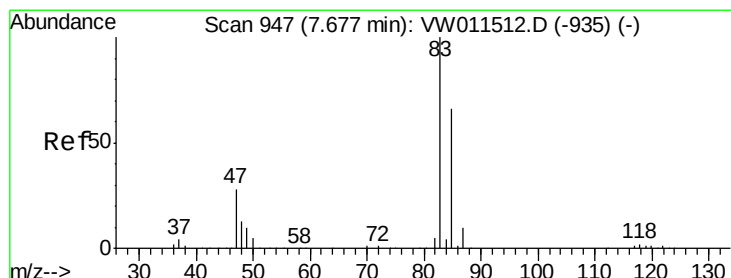
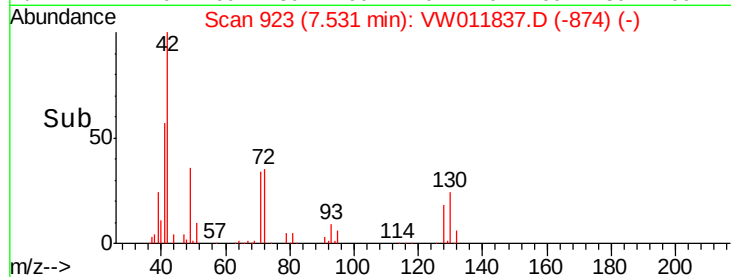
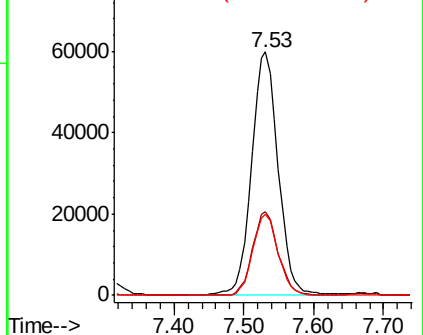
#29
Tetrahydrofuran
Concen: 302.774 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 157476
Ion Ratio Lower Upper
42 100
72 33.4 27.1 40.7
71 31.7 26.2 39.4

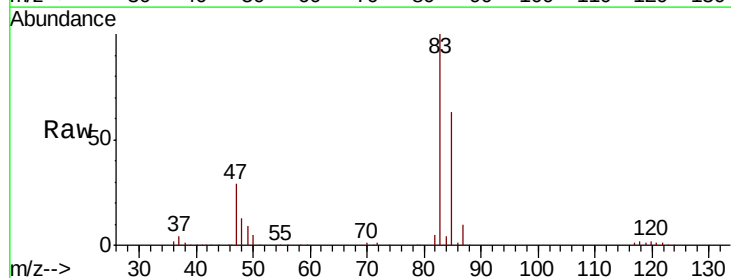


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

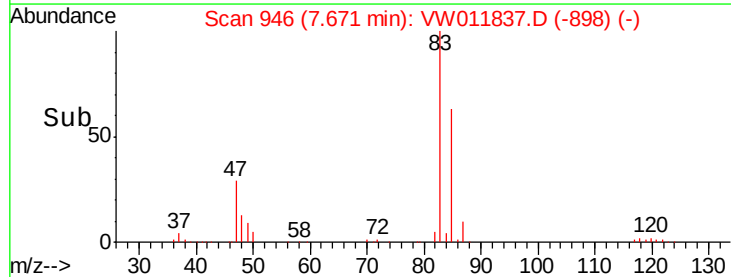
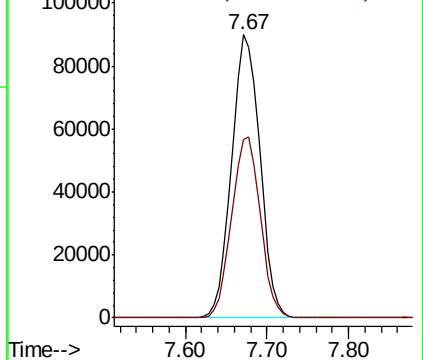


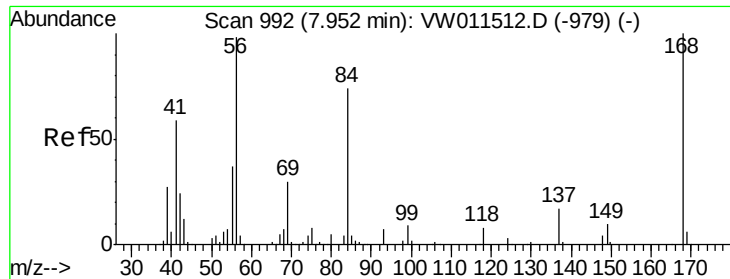
#30
Chloroform
Concen: 54.892 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 83 Resp: 215633
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7



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

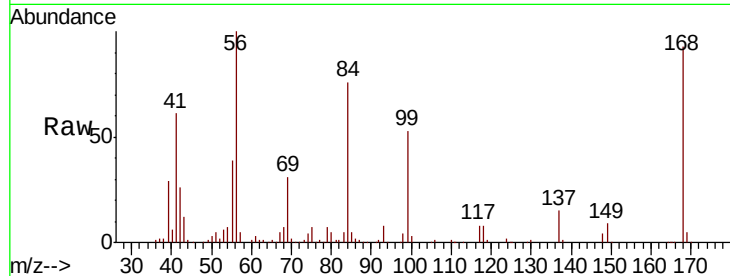




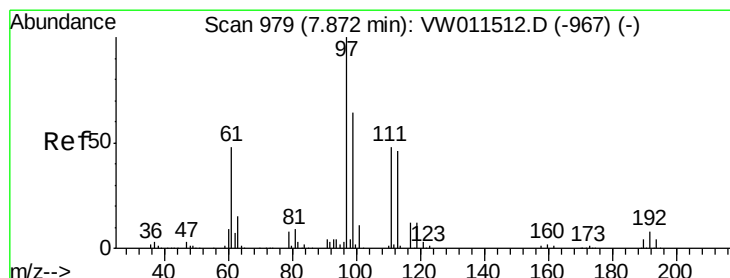
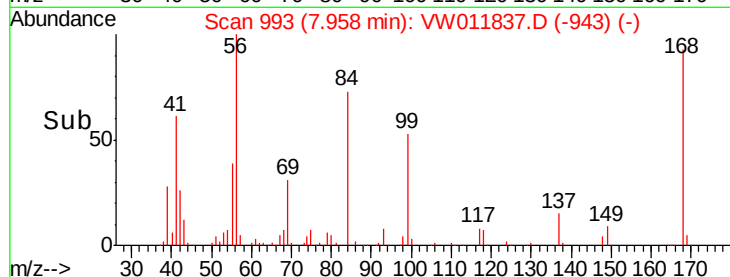
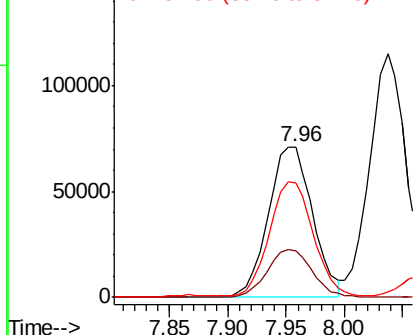
#31
Cyclohexane
Concen: 45.852 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 187412
Ion Ratio Lower Upper
56 100
69 31.2 24.3 36.5
84 74.1 60.4 90.6

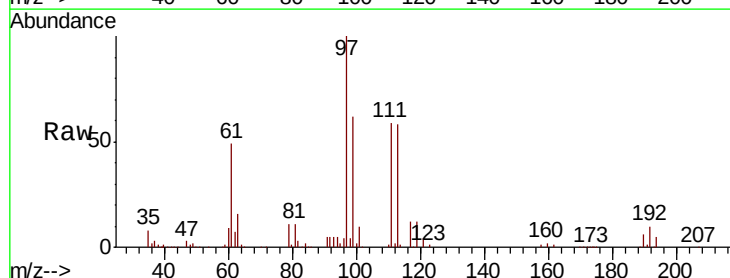


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

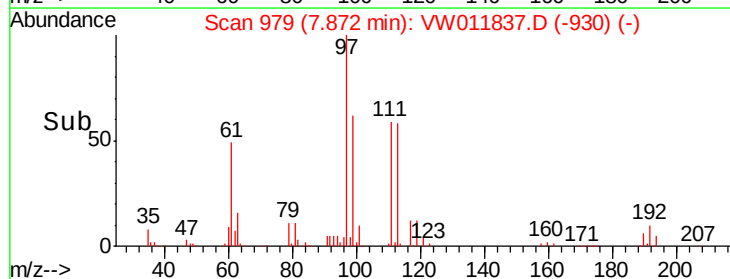
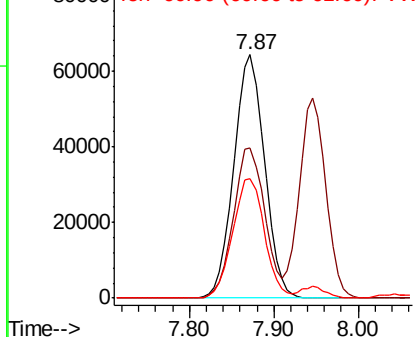


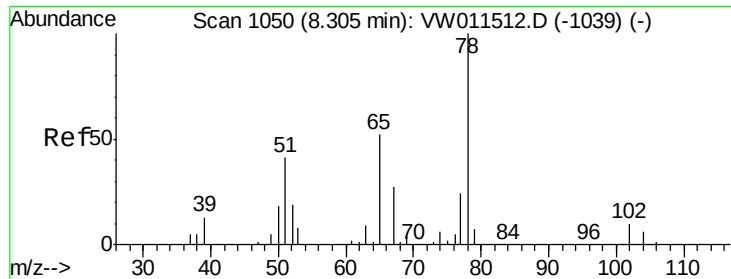
#32
1,1,1-Trichloroethane
Concen: 53.030 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 97 Resp: 158649
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 50.8 39.8 59.6



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

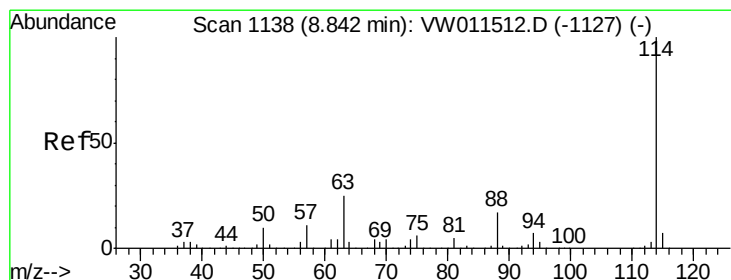
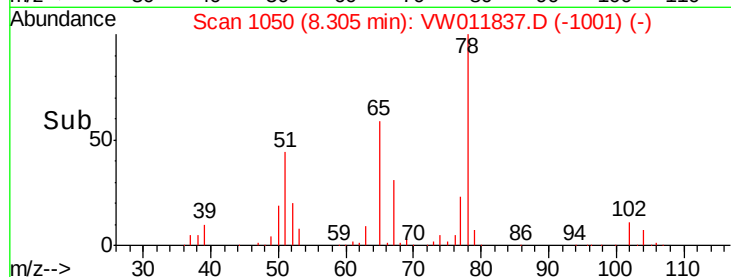
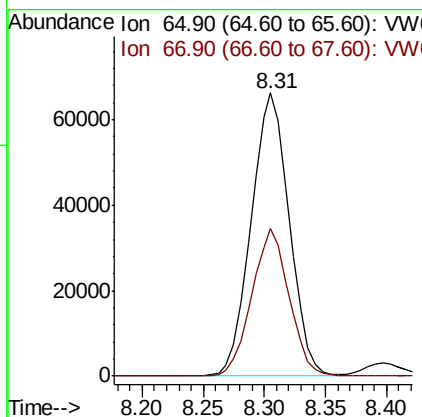
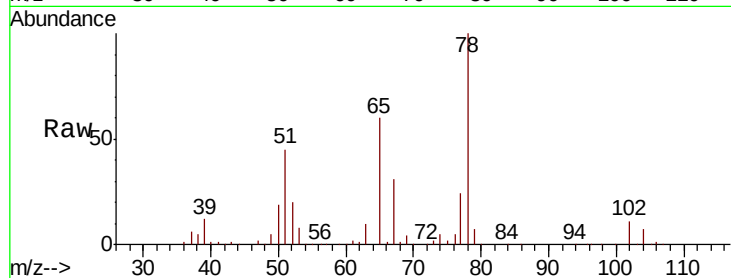




#33
 1,2-Dichloroethane-d4
 Concen: 65.597 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

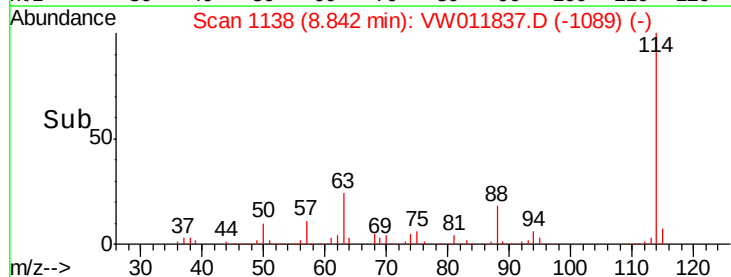
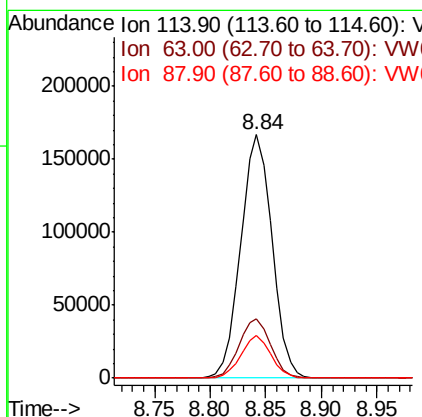
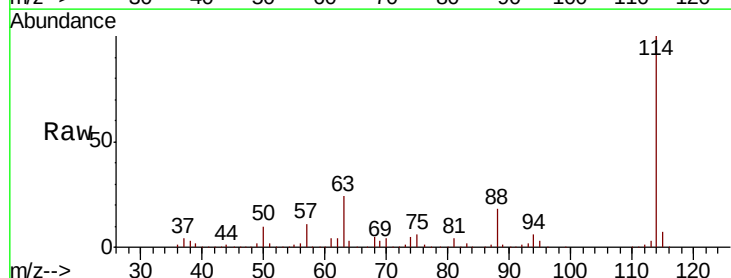
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

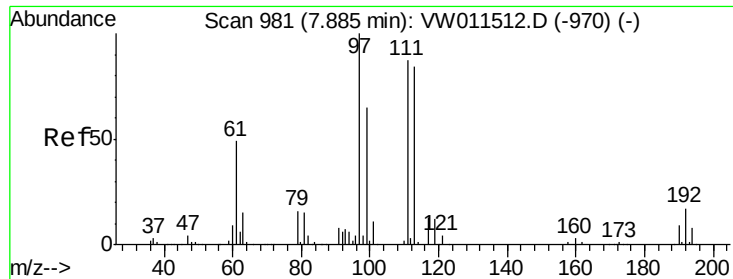
Tgt Ion: 65 Resp: 143396
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion: 114 Resp: 326000
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 60.111 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

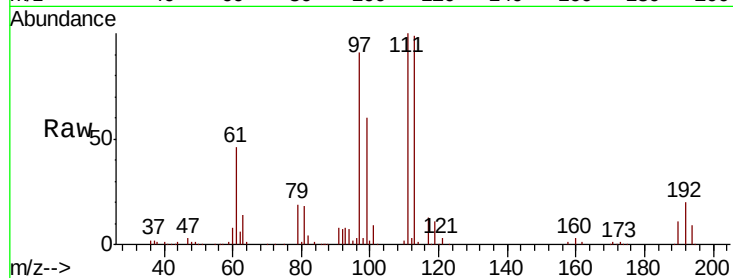
Tgt Ion:113 Resp: 109938

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

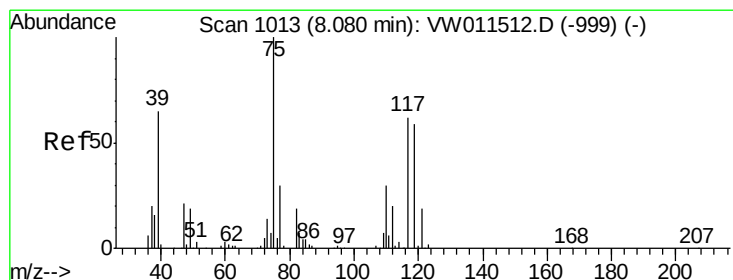
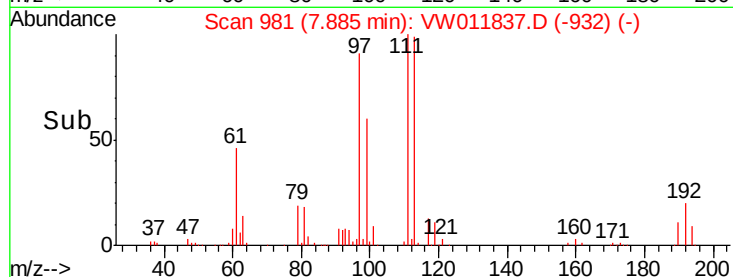
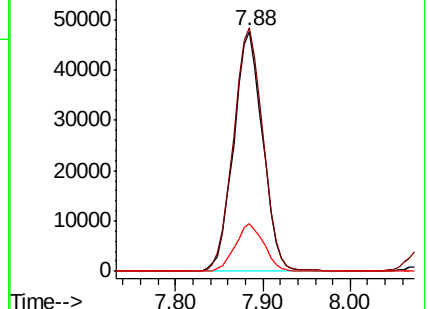
192 19.8 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.397 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

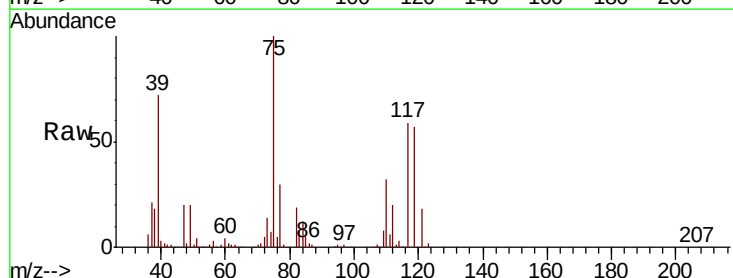
Tgt Ion: 75 Resp: 164056

Ion Ratio Lower Upper

75 100

110 31.6 15.6 46.8

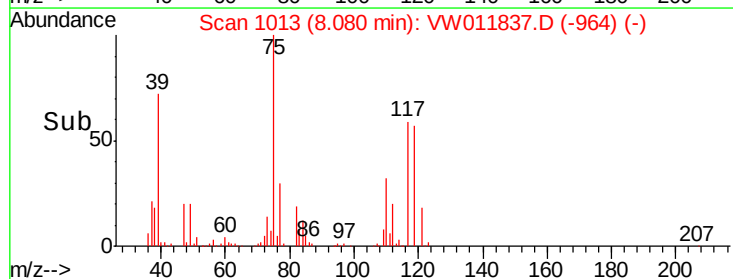
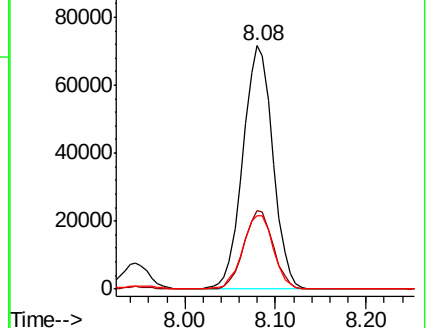
77 31.0 24.3 36.5

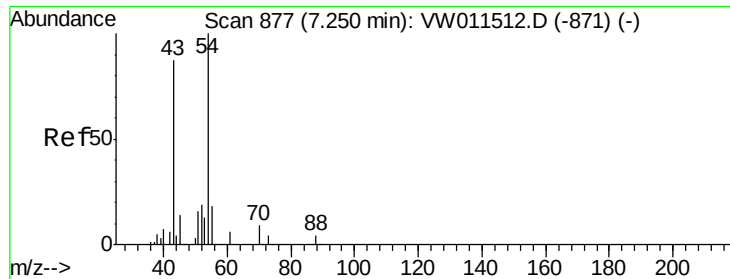


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

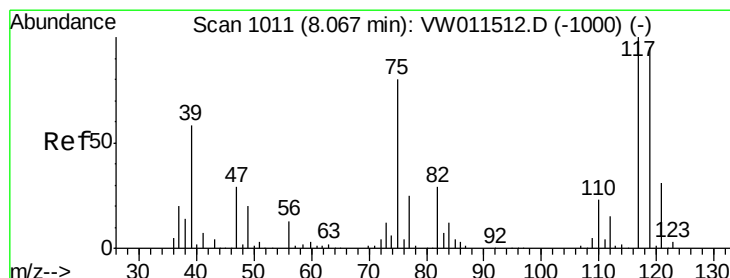
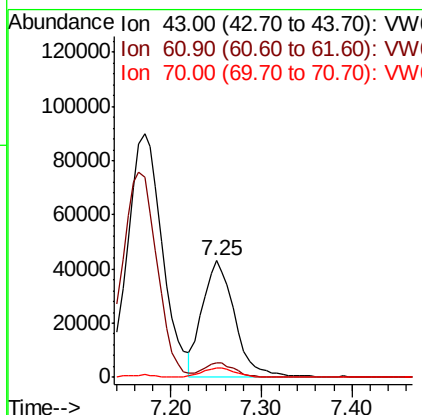
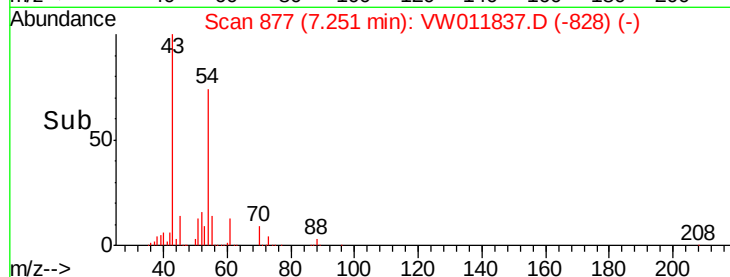
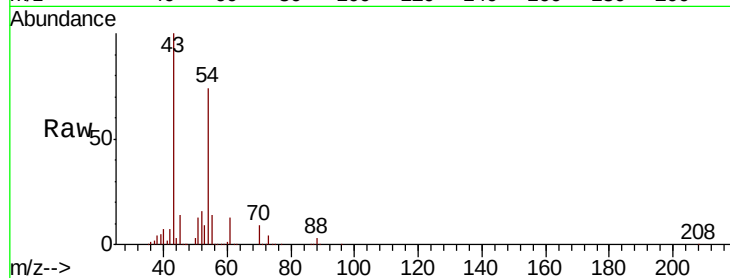




#37
Ethyl Acetate
Concen: 54.473 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

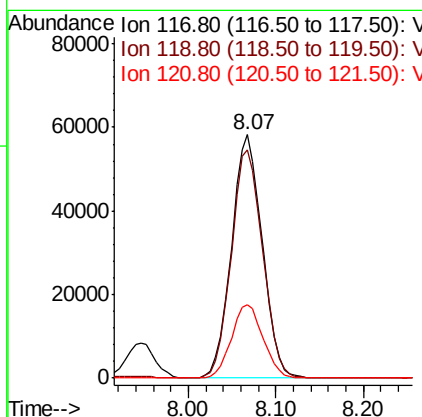
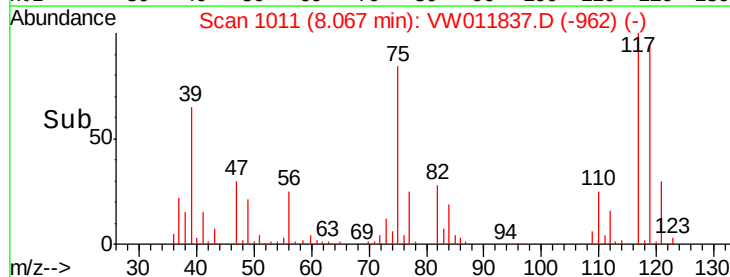
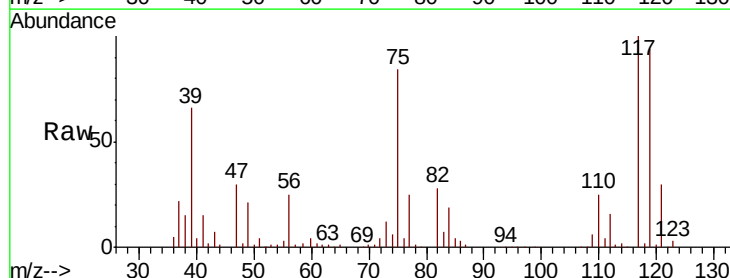
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

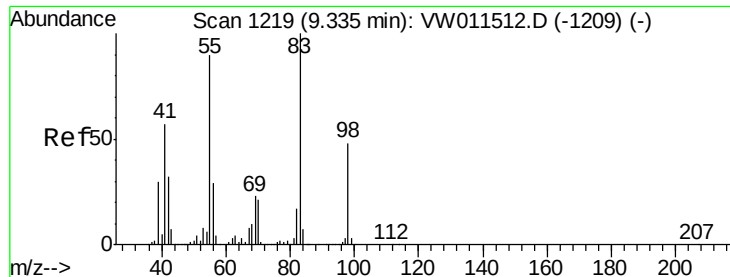
Tgt Ion: 43 Resp: 106235
Ion Ratio Lower Upper
43 100
61 12.6 8.8 13.2
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.990 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 117 Resp: 142163
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.6
121 30.2 24.7 37.1

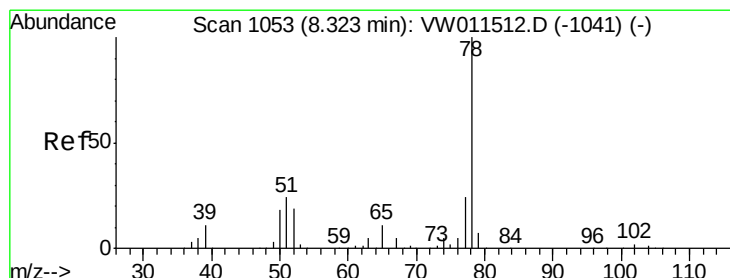
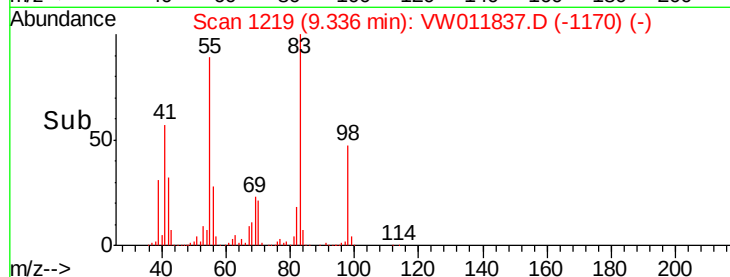
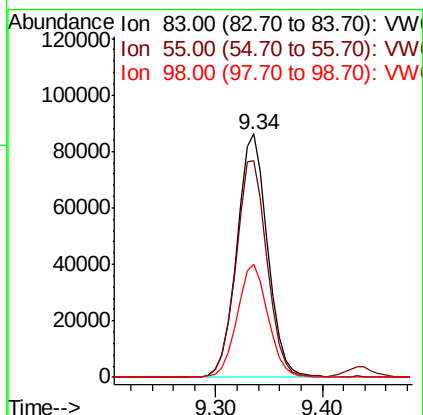
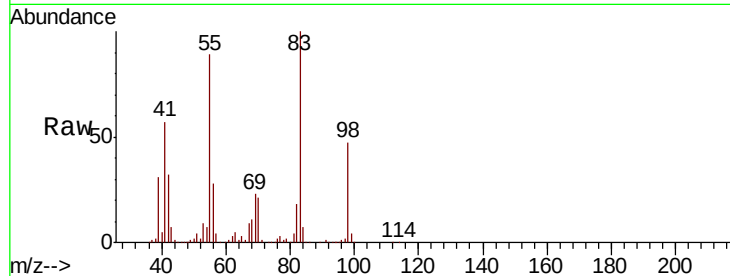




#39
Methylcyclohexane
Concen: 46.724 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

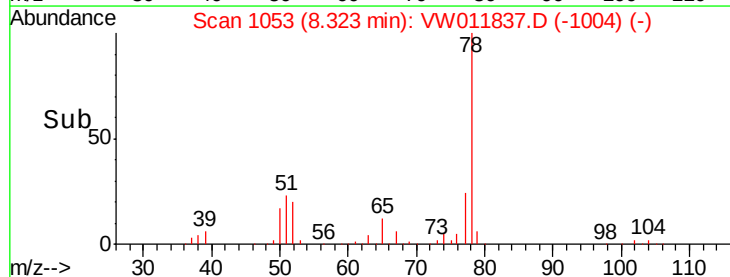
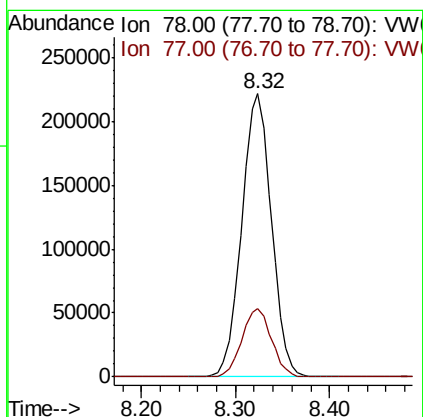
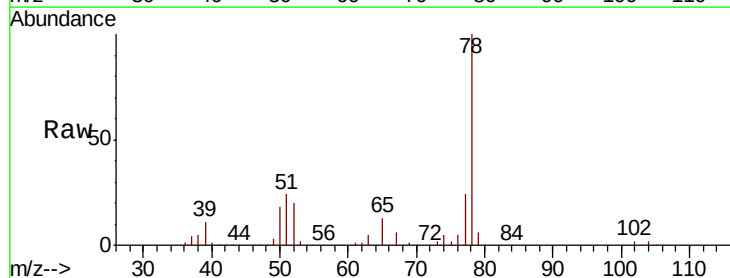
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

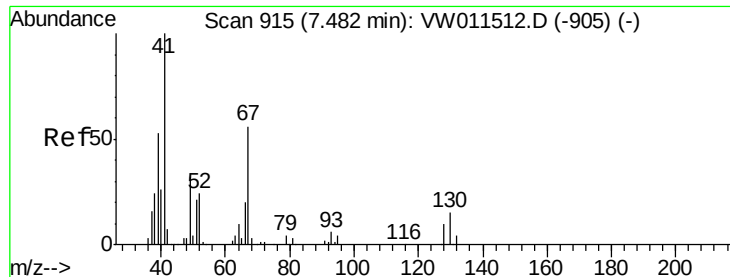
Tgt Ion: 83 Resp: 174400
Ion Ratio Lower Upper
83 100
55 88.8 72.1 108.1
98 46.6 38.6 57.8



#40
Benzene
Concen: 51.016 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 78 Resp: 484397
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

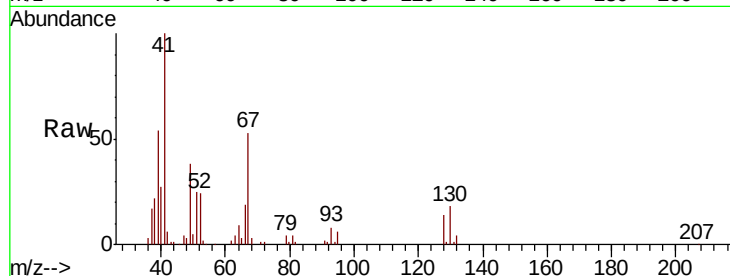




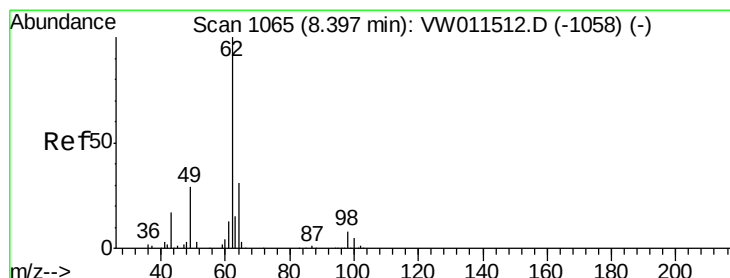
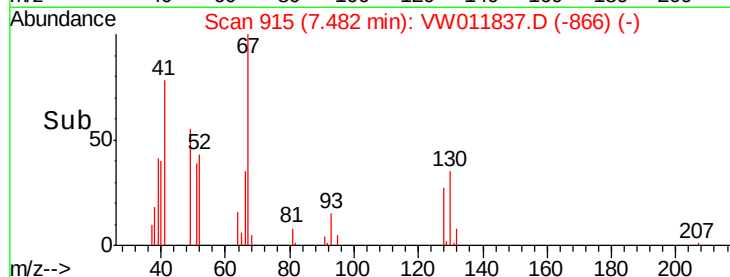
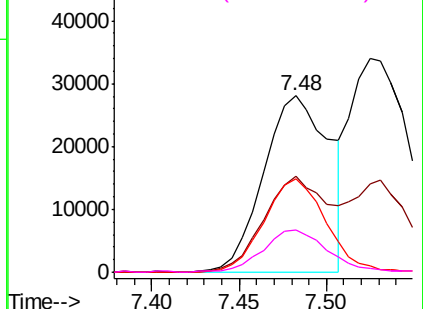
#41
Methacrylonitrile
Concen: 63.311 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	73808
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.0	64.4
67	50.4	47.5	71.3
52	24.0	21.0	31.6

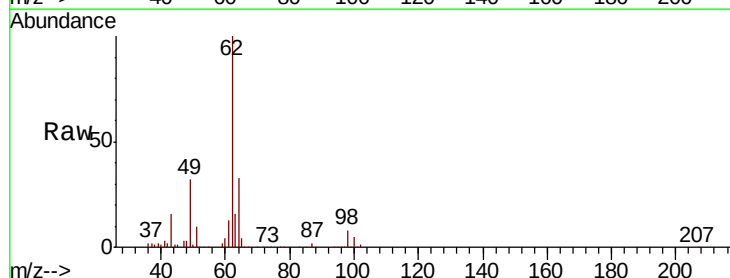


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

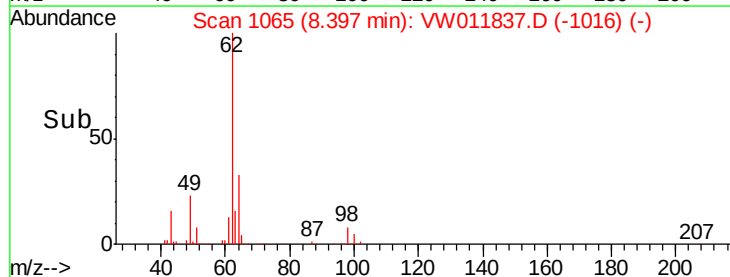
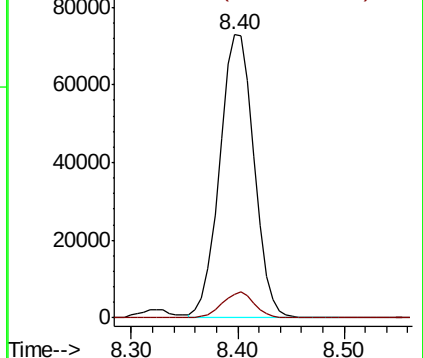


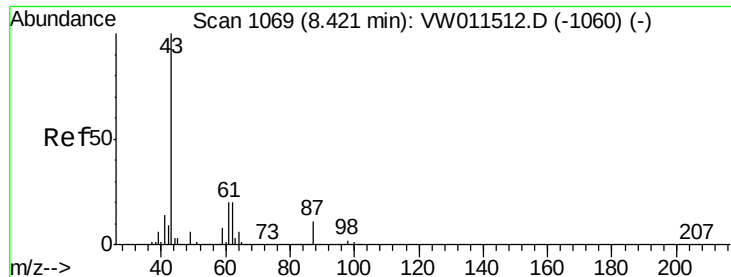
#42
1,2-Dichloroethane
Concen: 55.245 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion:	62	Resp:	164229
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 56.755 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

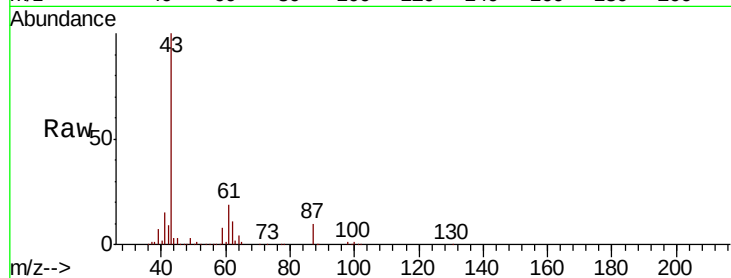
Tgt Ion: 43 Resp: 203560

Ion Ratio Lower Upper

43 100

61 26.2 21.5 32.3

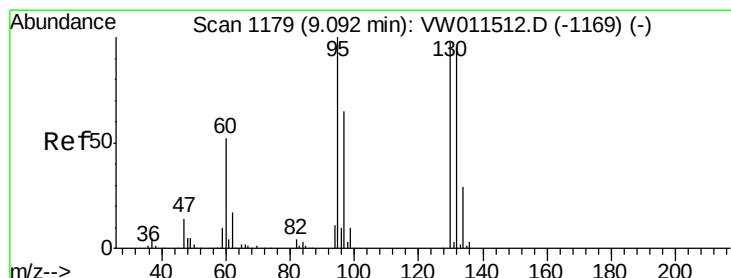
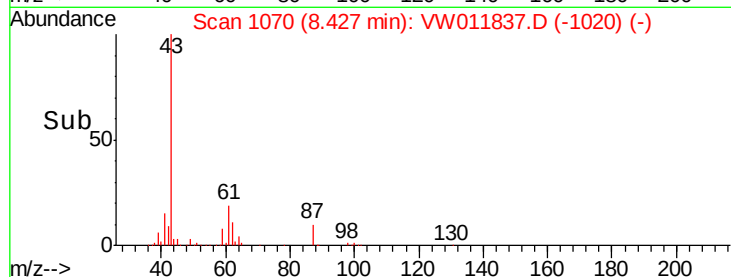
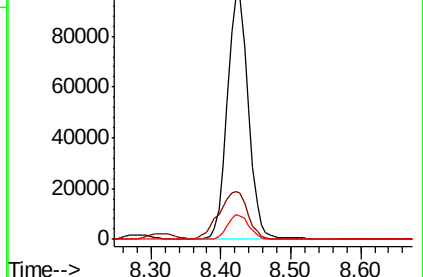
87 10.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.058 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011837.D

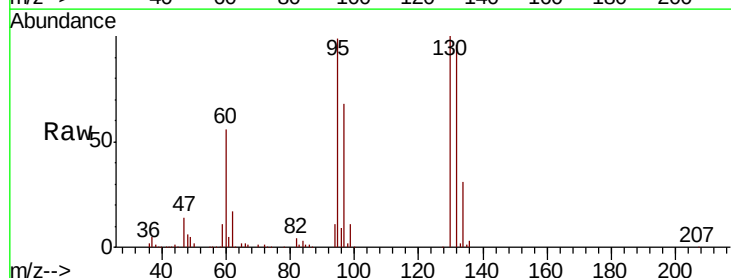
Acq: 10 Aug 2019 02:52

Tgt Ion: 130 Resp: 114238

Ion Ratio Lower Upper

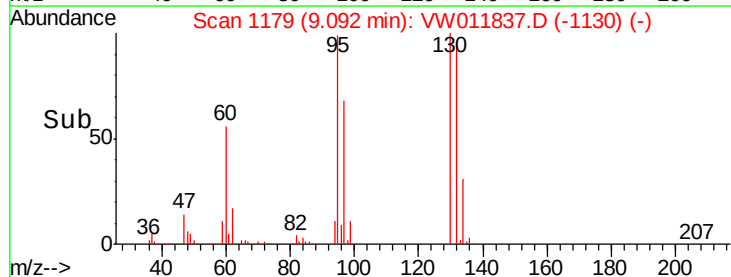
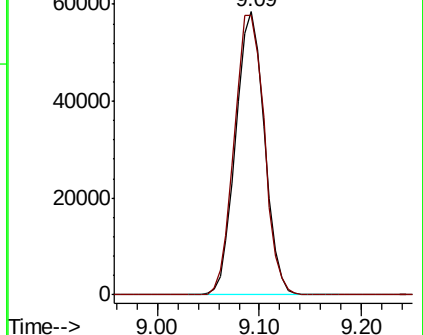
130 100

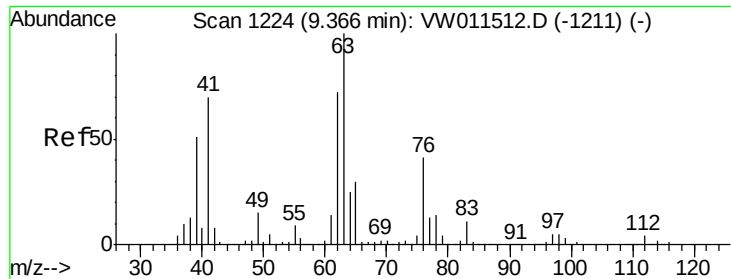
95 98.6 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

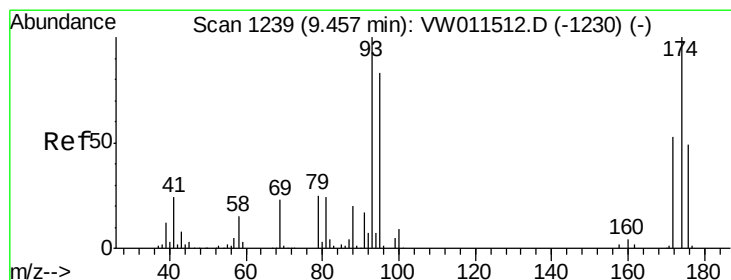
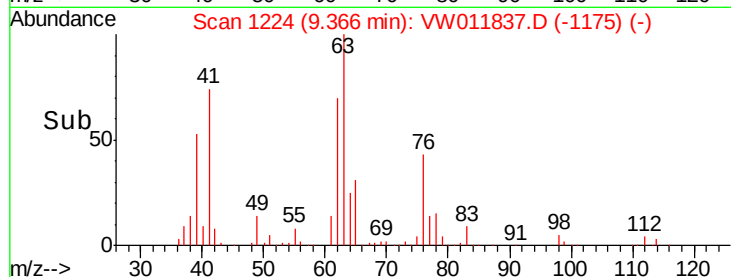
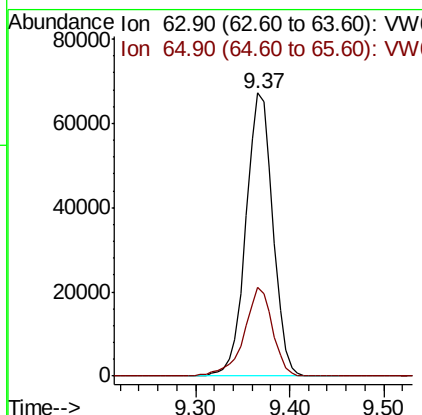
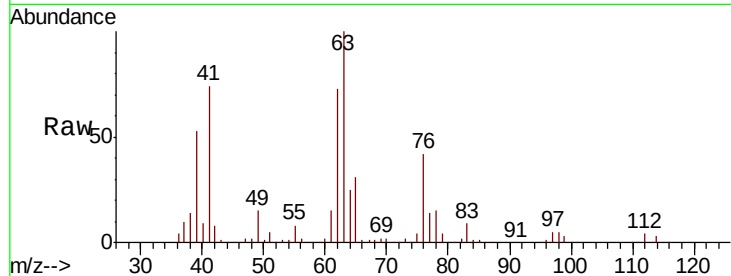




#45
 1,2-Dichloropropane
 Concen: 53.121 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

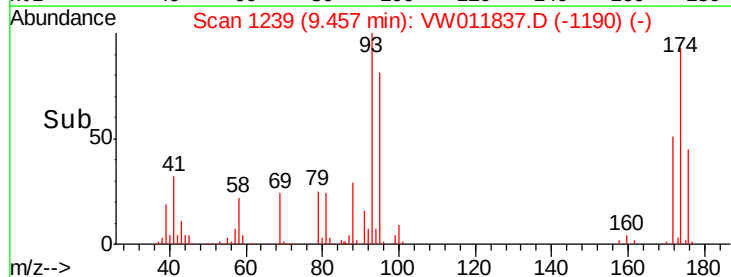
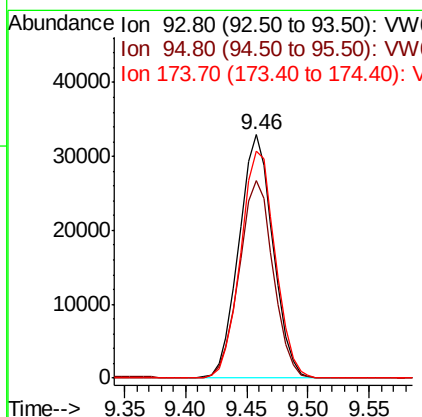
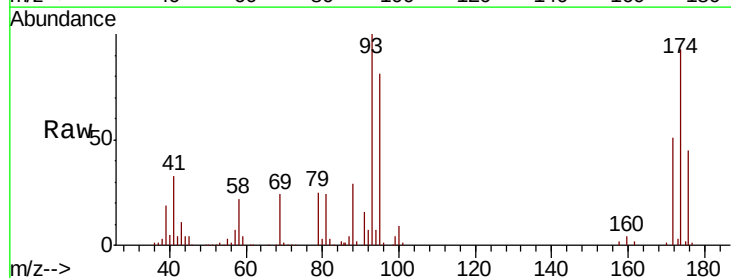
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

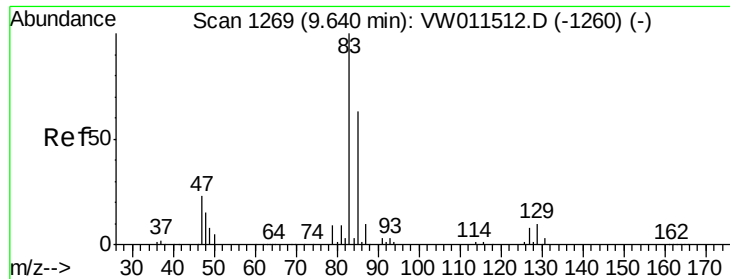
Tgt Ion: 63 Resp: 134958
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.2 36.4



#46
 Dibromomethane
 Concen: 54.961 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion: 93 Resp: 63731
 Ion Ratio Lower Upper
 93 100
 95 81.1 66.2 99.2
 174 95.0 78.2 117.4

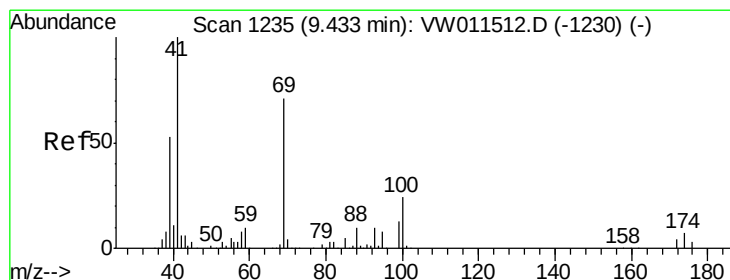
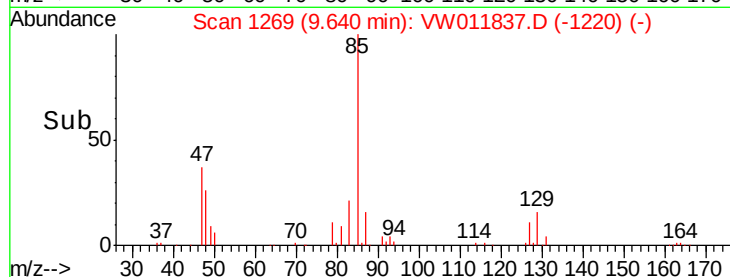
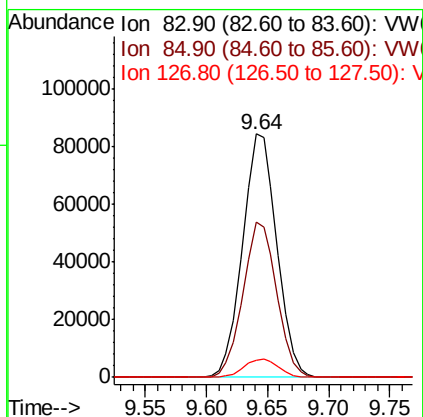
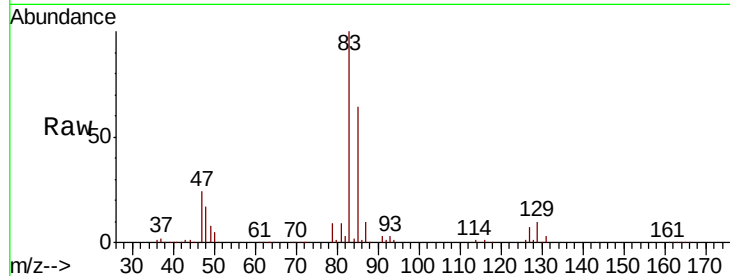




#47
 Bromodichloromethane
 Concen: 53.934 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

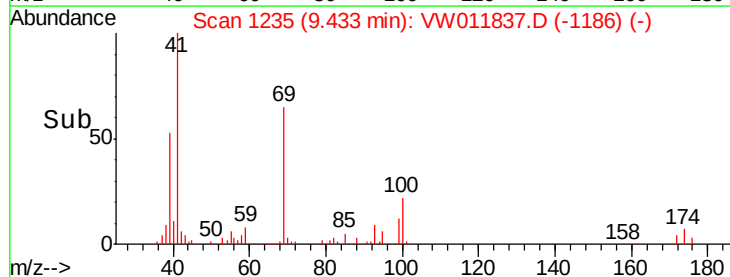
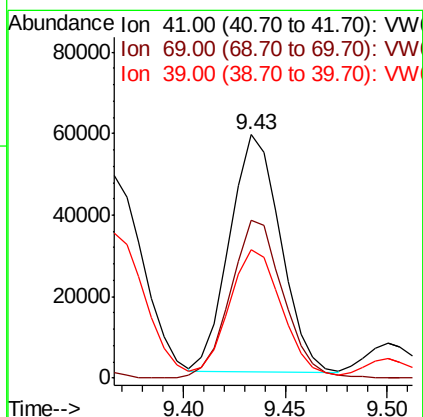
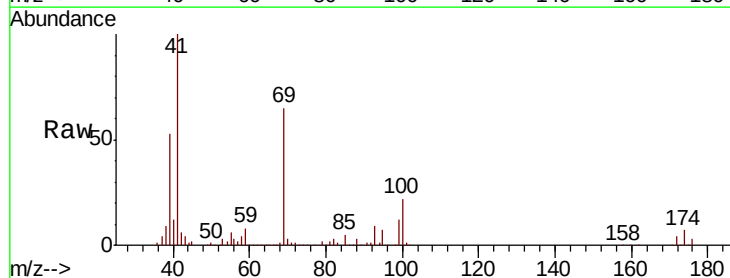
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

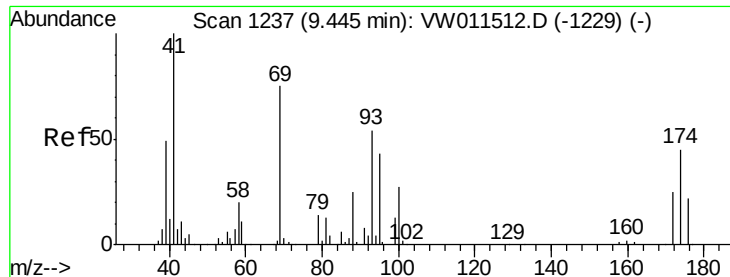
Tgt Ion: 83 Resp: 164050
 Ion Ratio Lower Upper
 83 100
 85 63.7 50.5 75.7
 127 7.2 6.4 9.6



#48
 Methyl methacrylate
 Concen: 58.404 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion: 41 Resp: 100623
 Ion Ratio Lower Upper
 41 100
 69 69.2 57.1 85.7
 39 56.8 45.4 68.2





#49

1,4-Dioxane

Concen: 1180.906 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

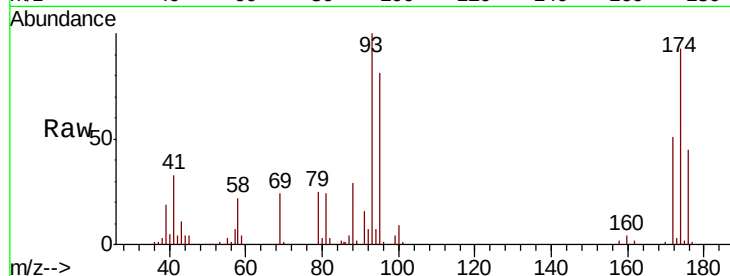
Tgt Ion: 88 Resp: 19827

Ion Ratio Lower Upper

88 100

43 39.6 34.0 51.0

58 88.9 69.7 104.5

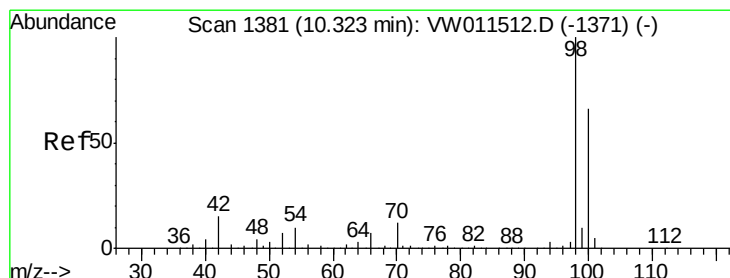
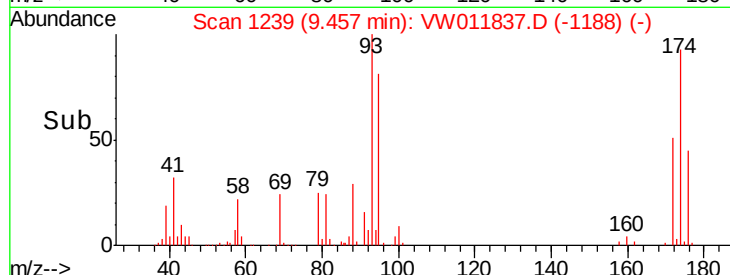
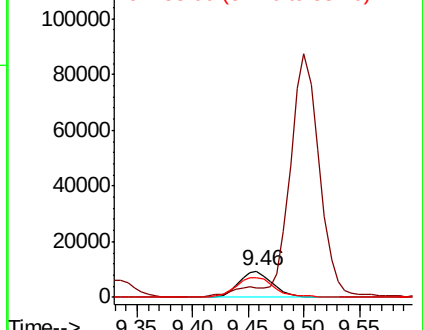


Abundance

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: 57.659 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011837.D

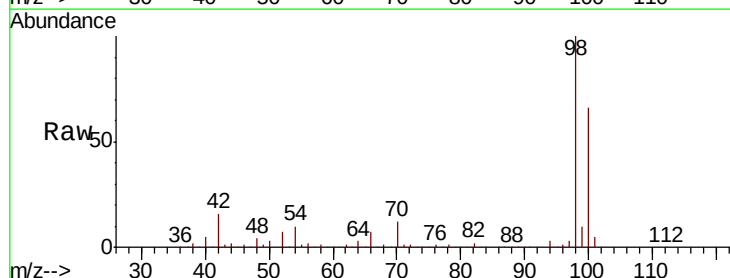
Acq: 10 Aug 2019 02:52

Tgt Ion: 98 Resp: 431760

Ion Ratio Lower Upper

98 100

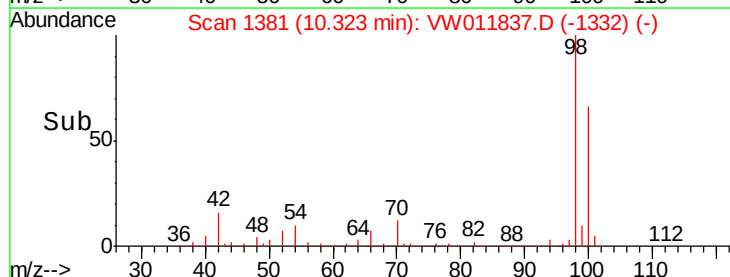
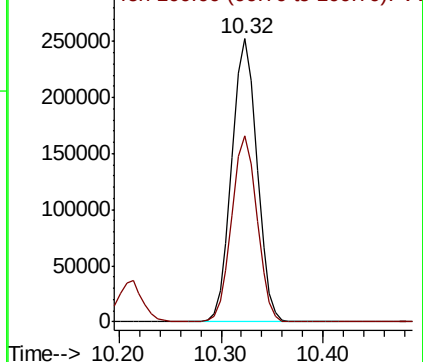
100 65.8 52.7 79.1

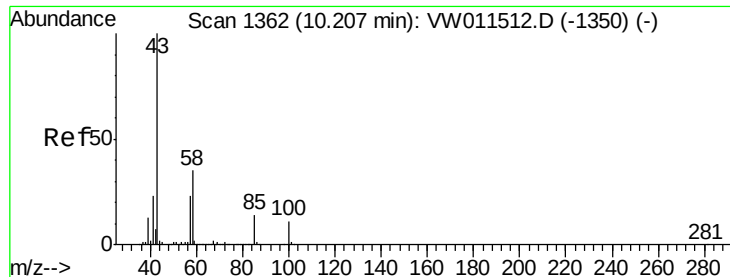


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

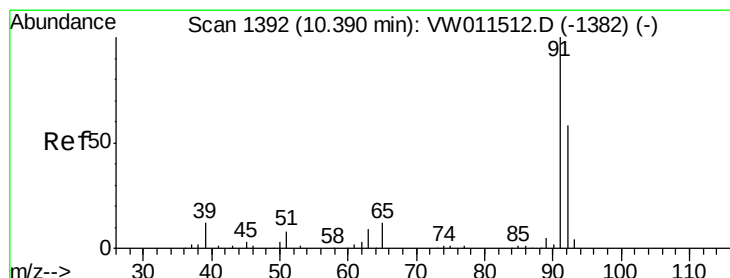
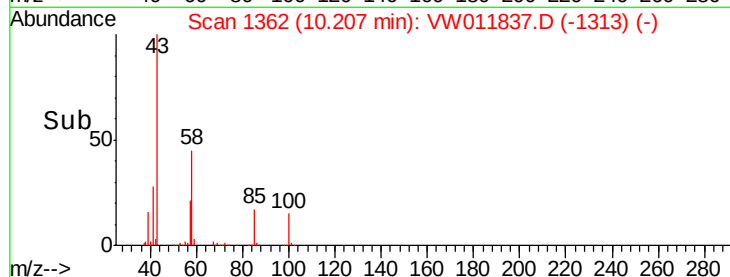
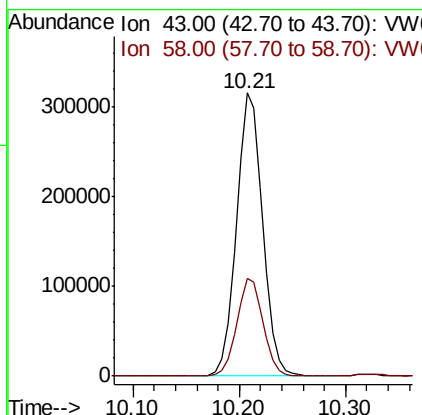
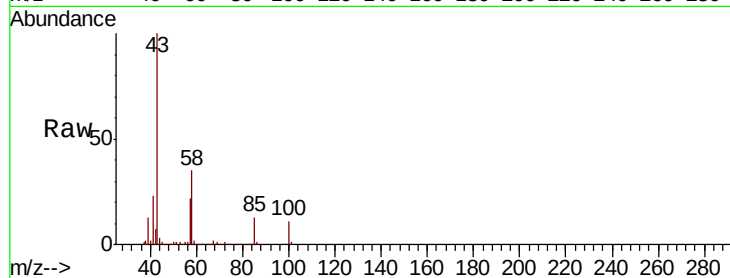




#51
 4-Methyl-2-Pentanone
 Concen: 290.305 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

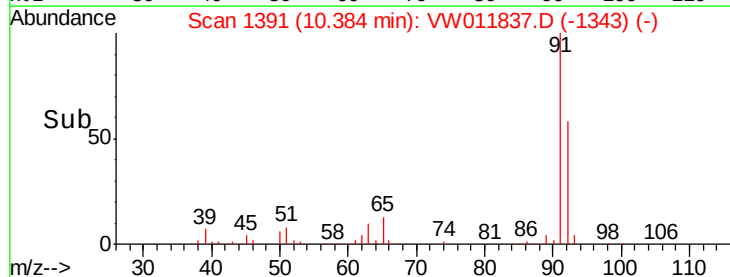
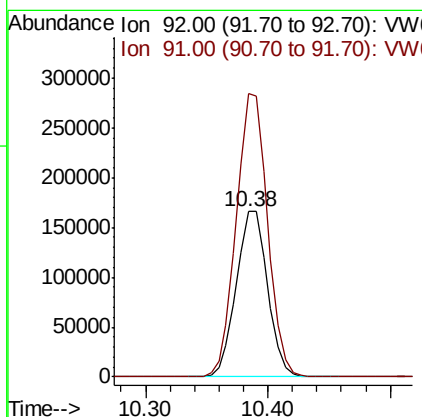
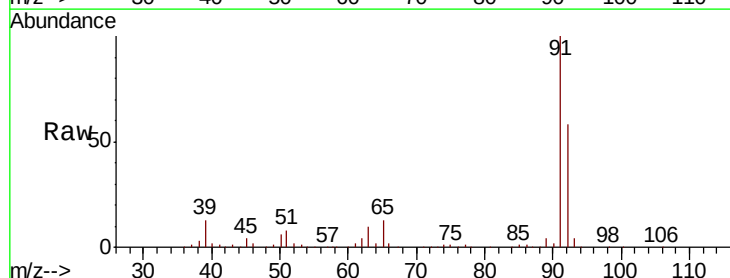
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

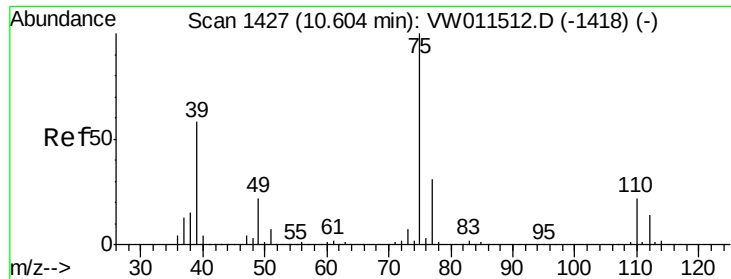
Tgt Ion: 43 Resp: 541591
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2



#52
 Toluene
 Concen: 51.549 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion: 92 Resp: 295584
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 52.793 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

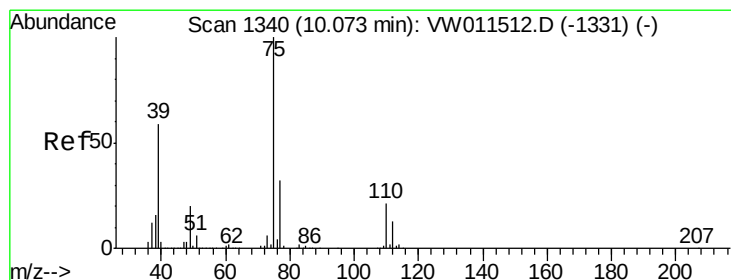
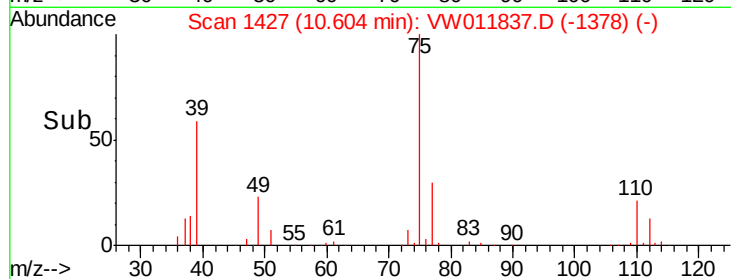
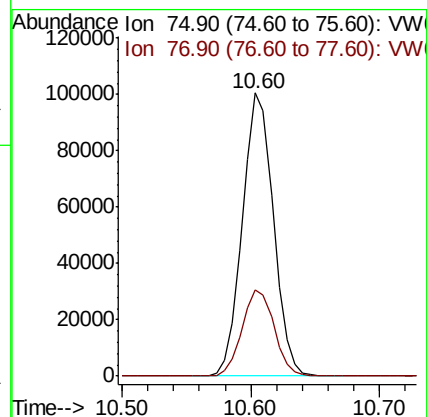
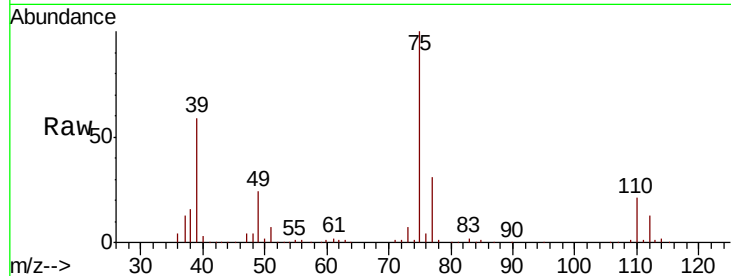
VSTDCCC050EC

Tgt Ion: 75 Resp: 167741

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 51.697 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

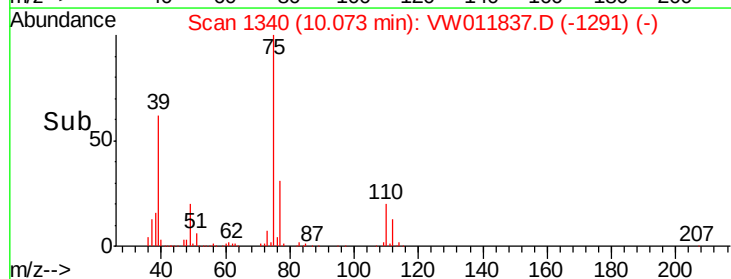
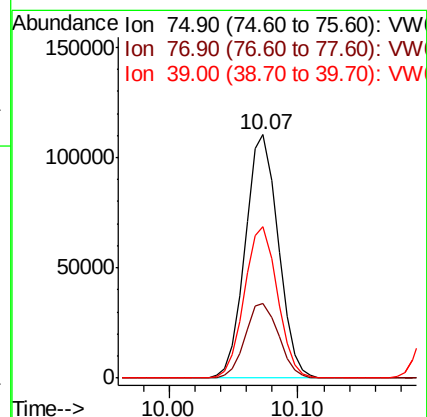
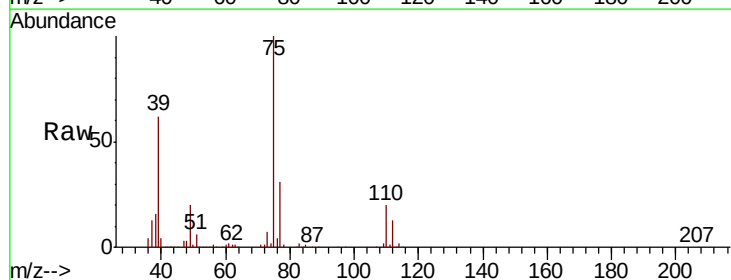
Tgt Ion: 75 Resp: 195303

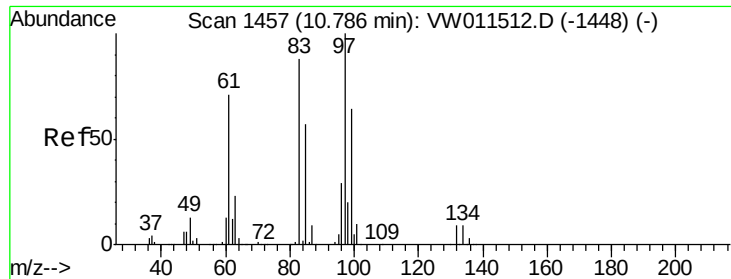
Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

39 62.3 47.0 70.4

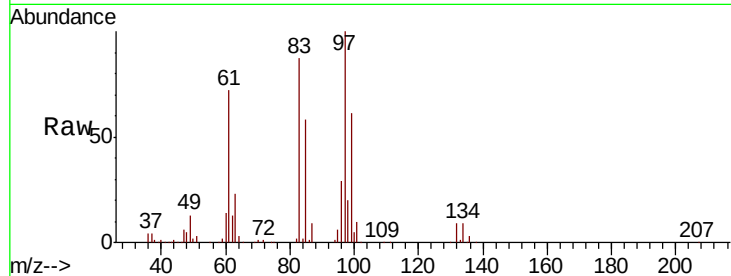




#55
 1,1,2-Trichloroethane
 Concen: 54.801 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	90160
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.5	105.7
85	57.7	45.8	68.6
99	61.0	51.0	76.4



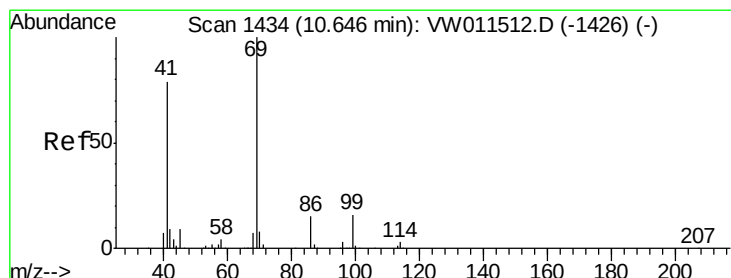
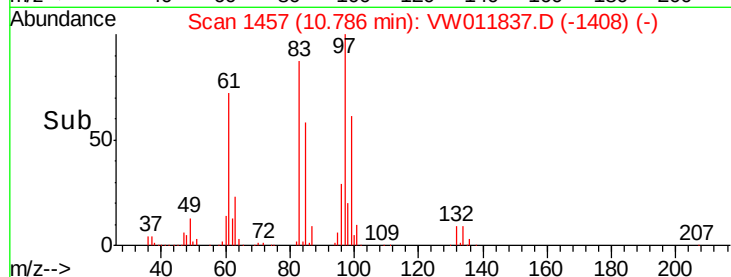
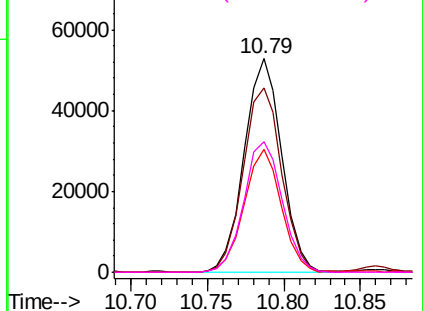
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

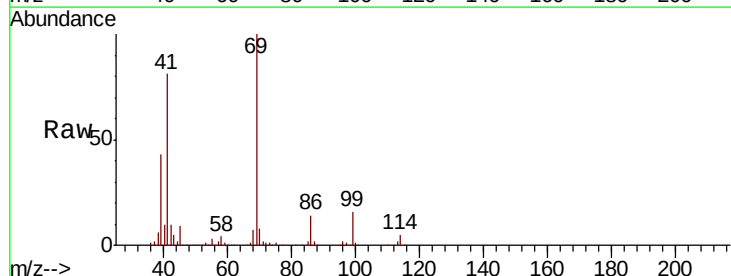
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 57.221 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion:	69	Resp:	137761
Ion	Ratio	Lower	Upper
69	100		
41	83.7	66.6	99.8
39	39.1	30.3	45.5

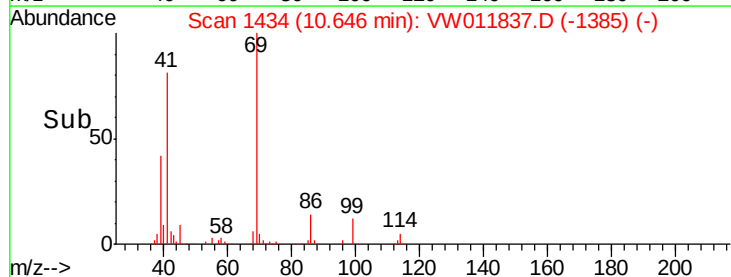
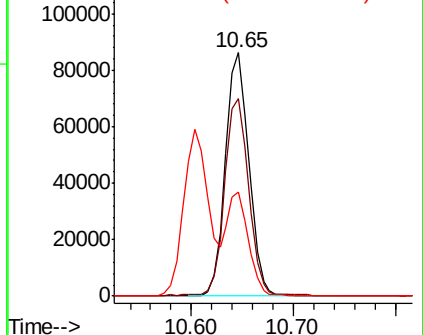


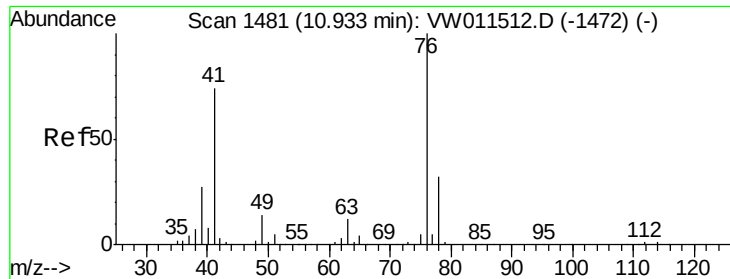
Abundance

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

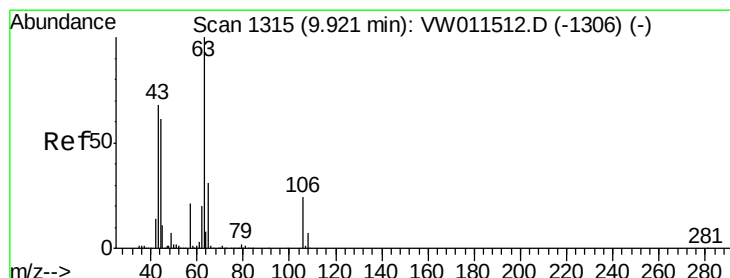
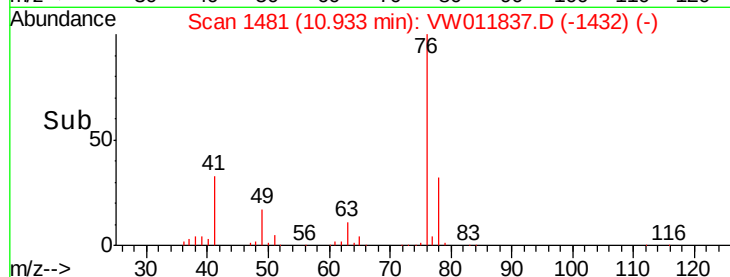
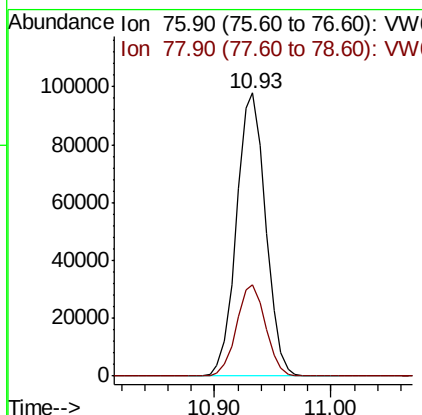
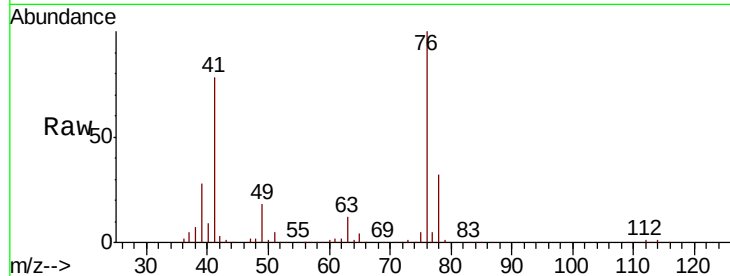




#57
 1,3-Dichloropropane
 Concen: 54.791 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

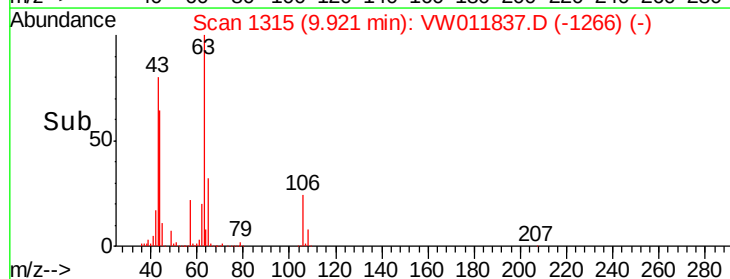
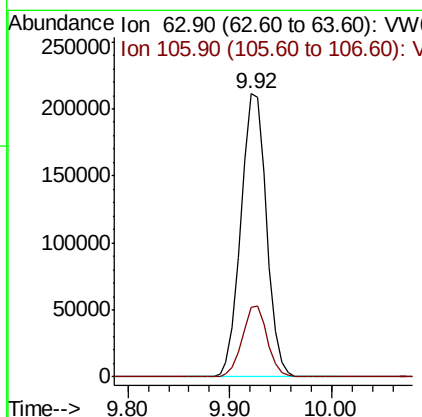
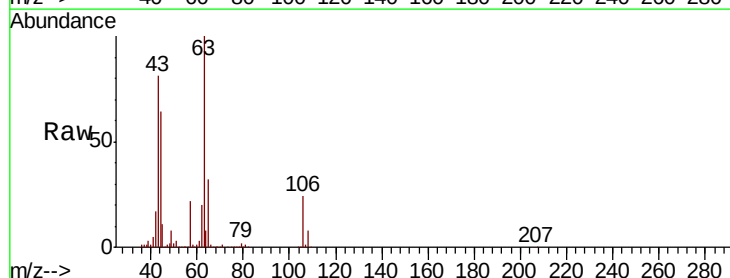
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

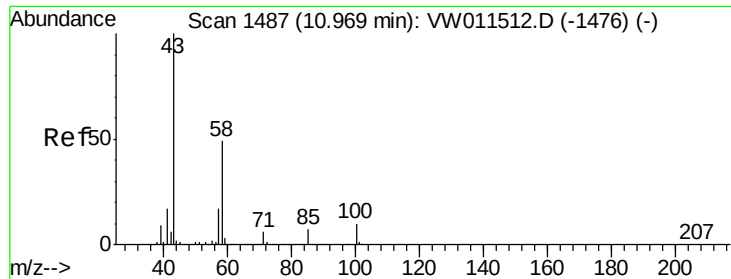
Tgt Ion: 76 Resp: 170543
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 336.194 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion: 63 Resp: 367495
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.7 29.5

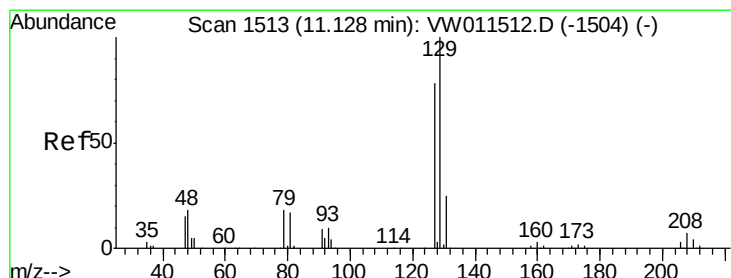
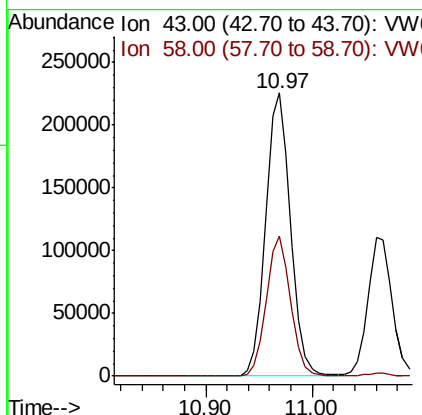
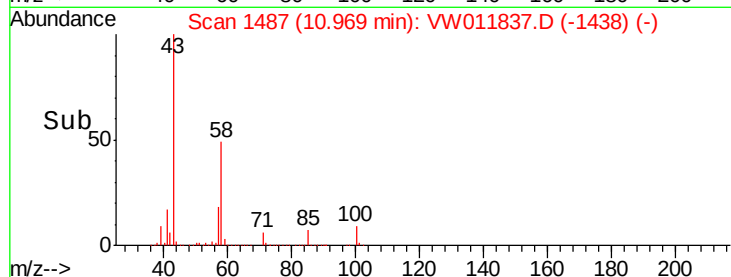
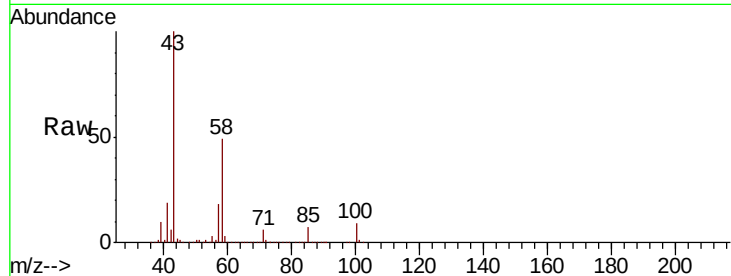




#59
2-Hexanone
Concen: 279.408 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

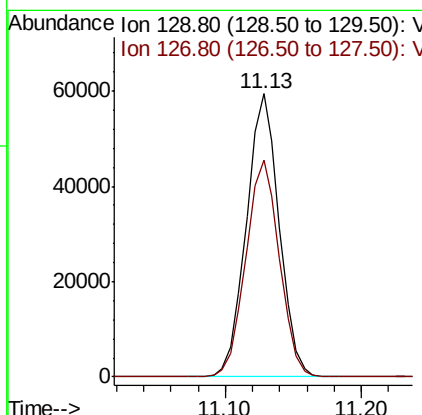
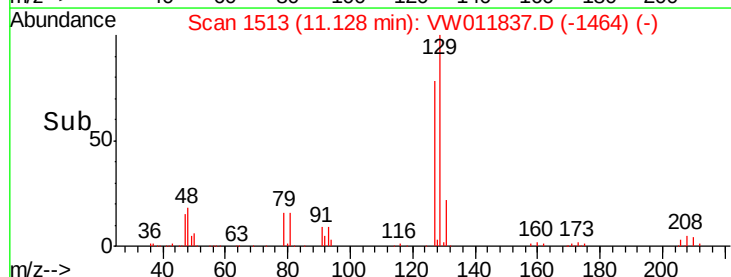
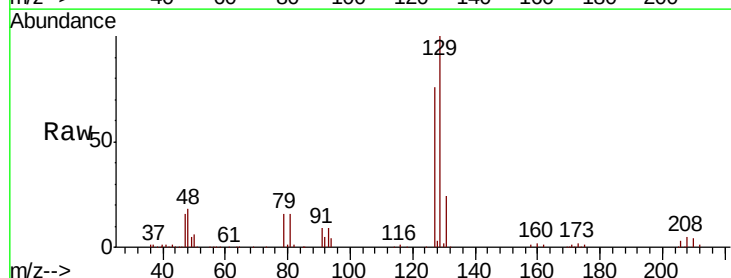
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

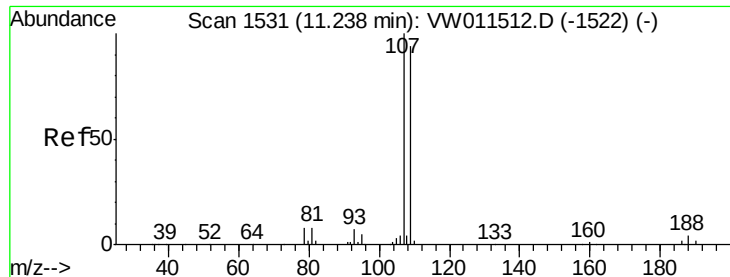
Tgt Ion: 43 Resp: 368045
Ion Ratio Lower Upper
43 100
58 48.4 24.3 72.9



#60
Dibromochloromethane
Concen: 55.004 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 129 Resp: 100451
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.552 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

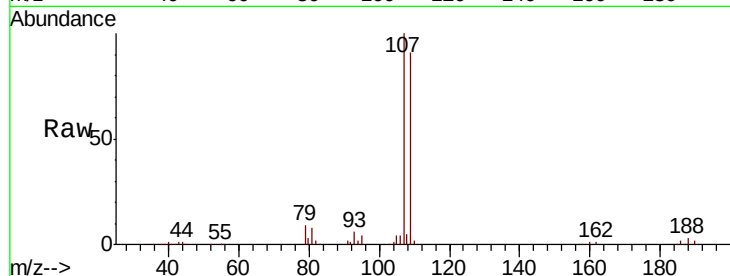
VSTDCCC050EC

Tgt Ion: 107 Resp: 84935

Ion Ratio Lower Upper

107 100

109 93.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

50000

40000

30000

20000

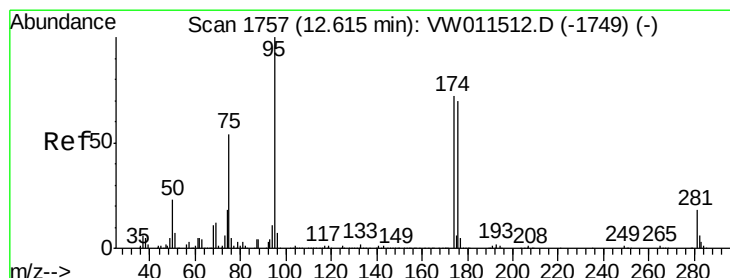
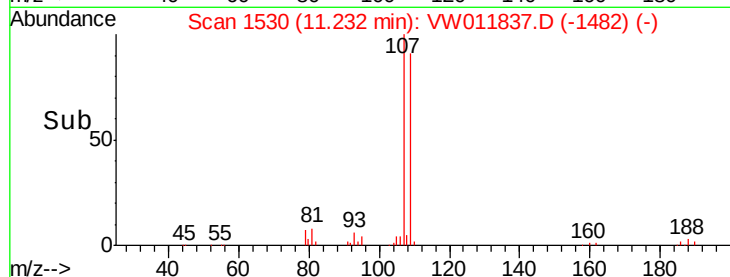
10000

0

Time-->

11.20

11.30



#62

4-Bromofluorobenzene

Concen: 58.935 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

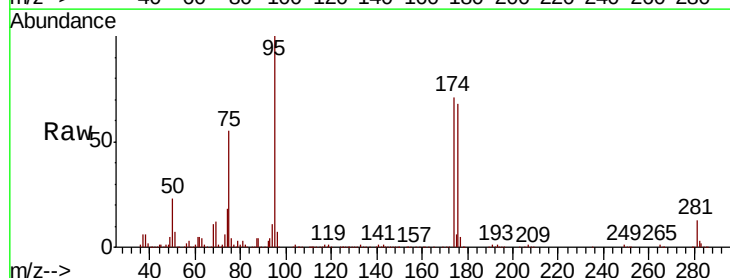
Tgt Ion: 95 Resp: 157338

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

176 72.9 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

60000

40000

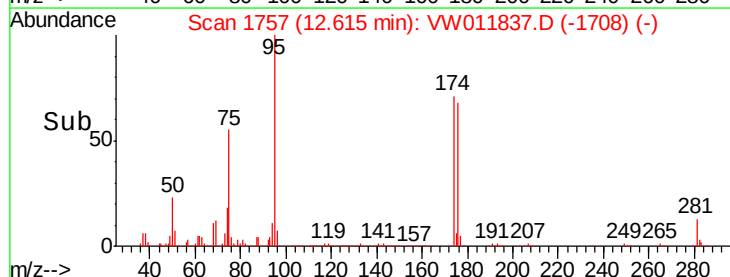
20000

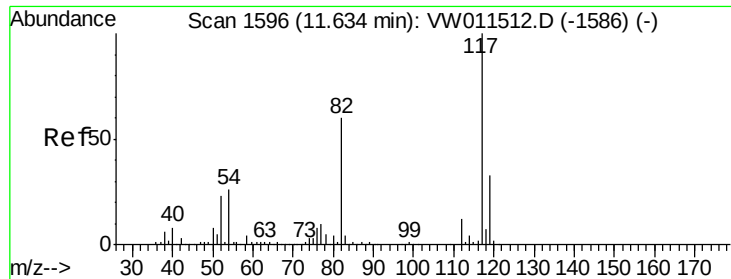
0

Time-->

12.60

12.70

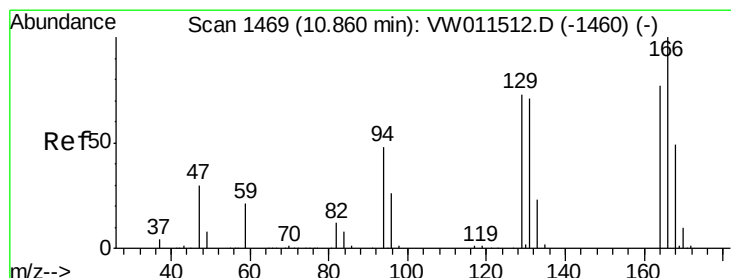
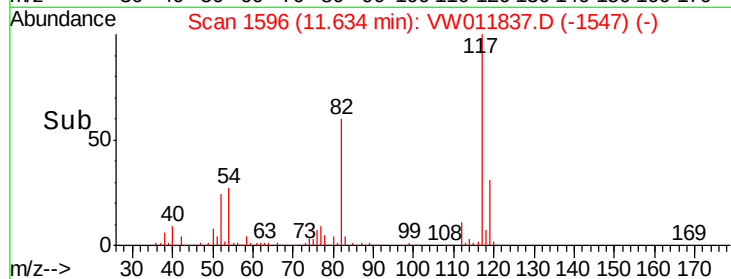
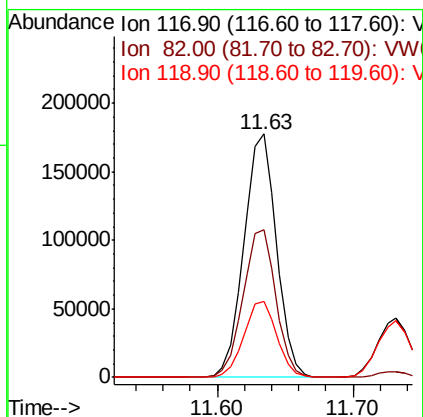
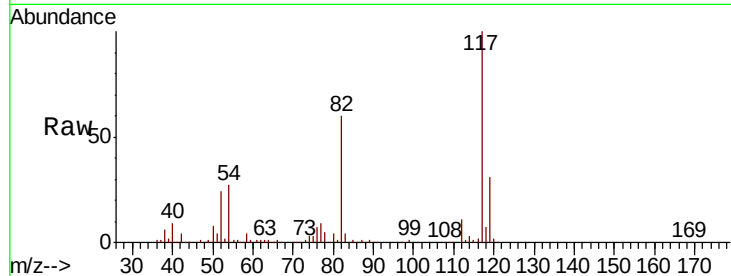




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

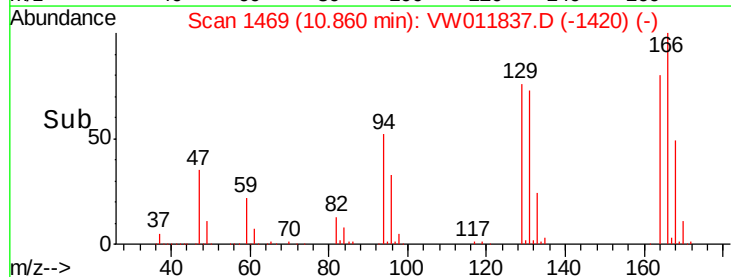
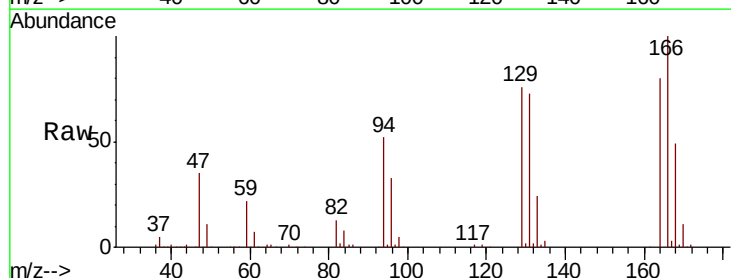
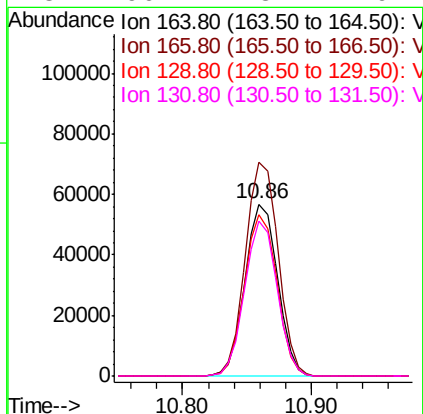
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

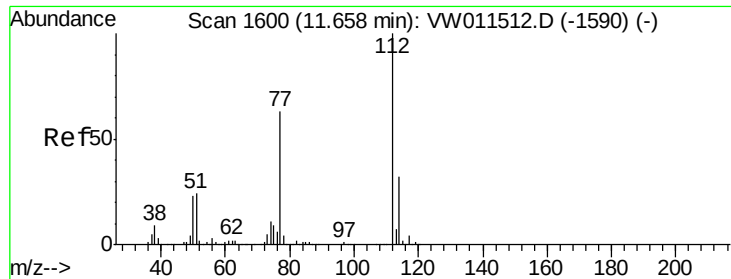
Tgt Ion:117 Resp: 297217
Ion Ratio Lower Upper
117 100
82 60.4 47.9 71.9
119 31.3 26.2 39.2



#64
Tetrachloroethene
Concen: 51.120 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion:164 Resp: 98928
Ion Ratio Lower Upper
164 100
166 124.3 103.5 155.3
129 94.0 75.2 112.8
131 90.2 73.4 110.2

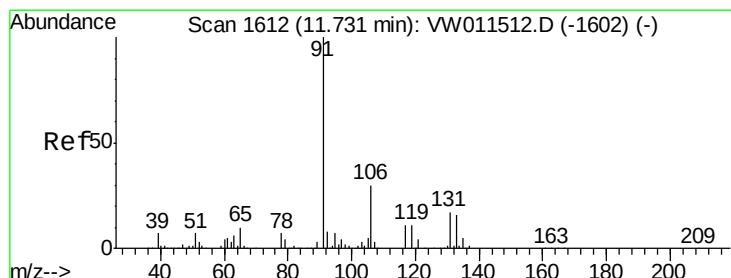
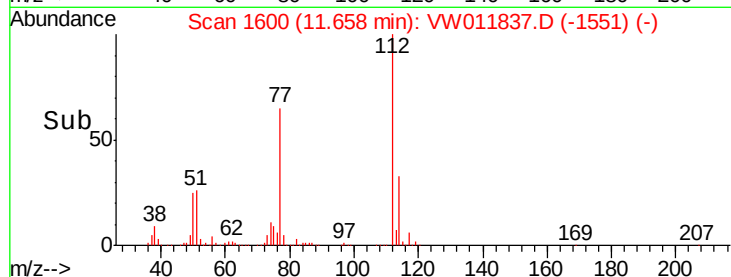
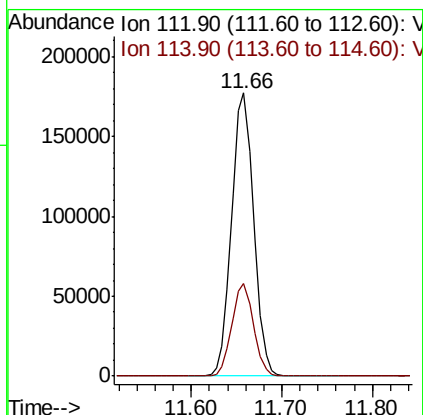
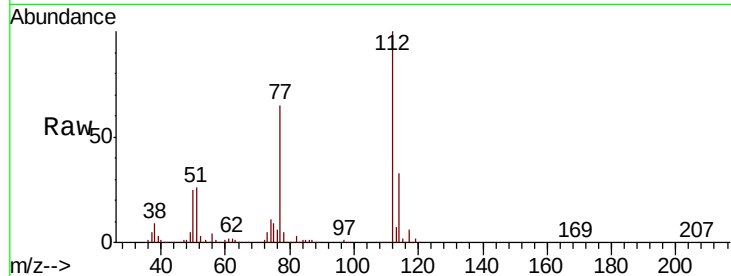




#65
Chlorobenzene
Concen: 50.078 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

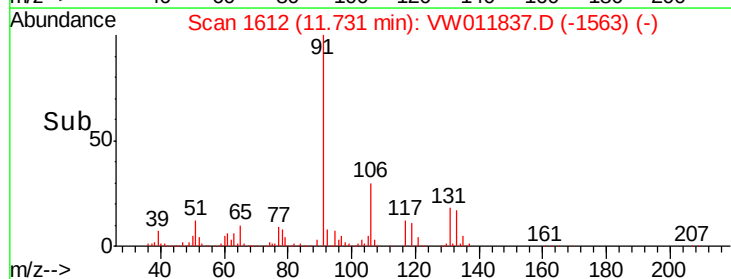
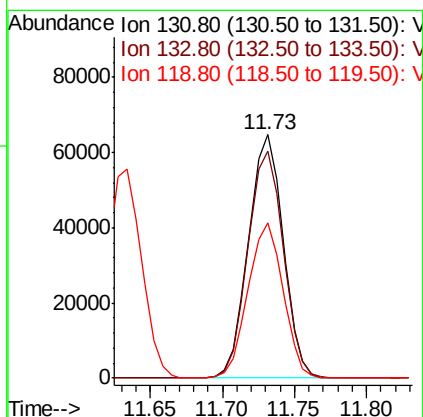
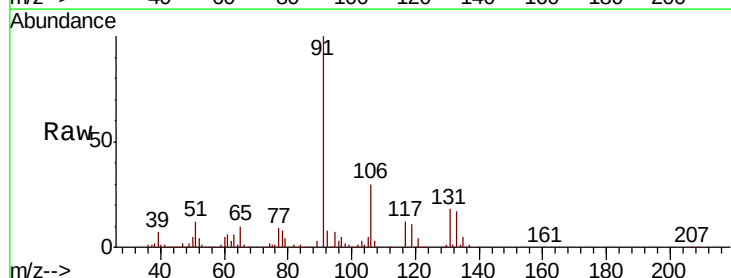
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

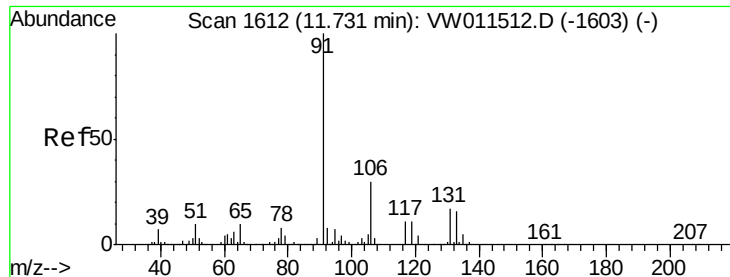
Tgt Ion:112 Resp: 299239
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.009 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion:131 Resp: 108252
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 64.2 32.3 96.9

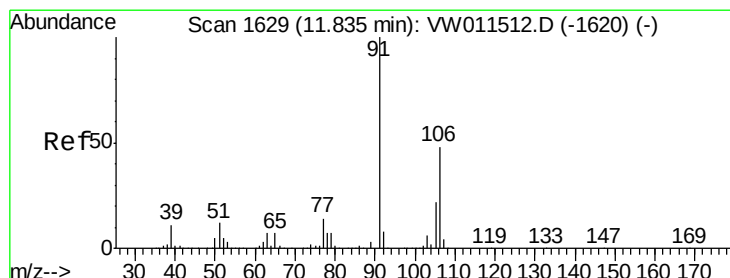
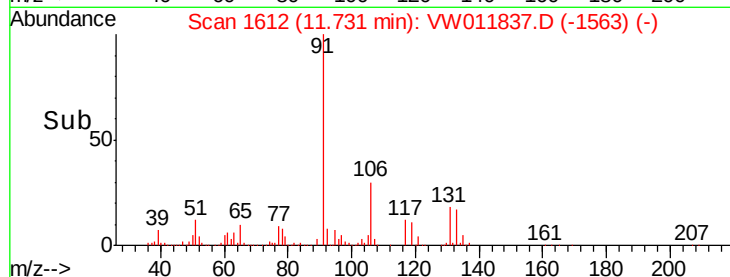
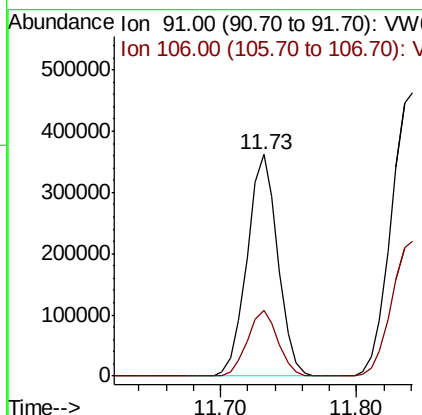
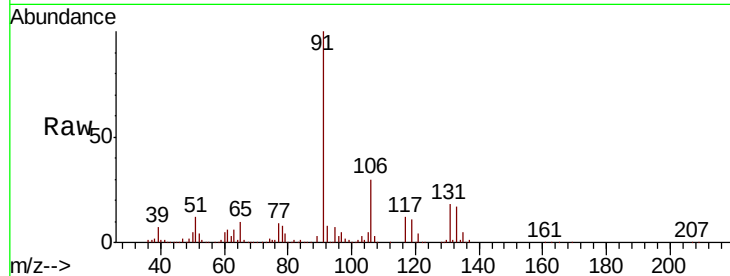




#67
Ethyl Benzene
Concen: 50.205 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

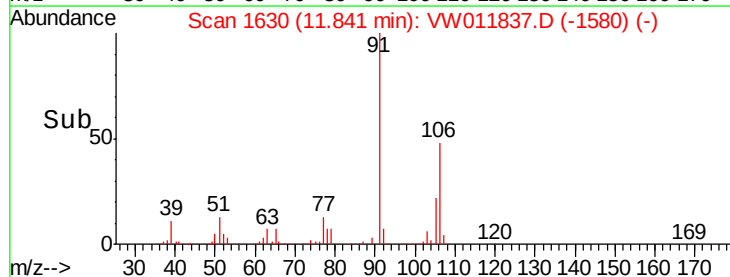
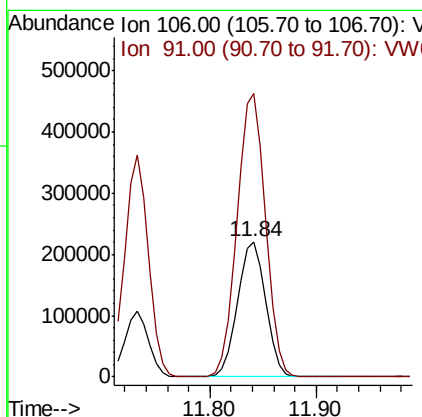
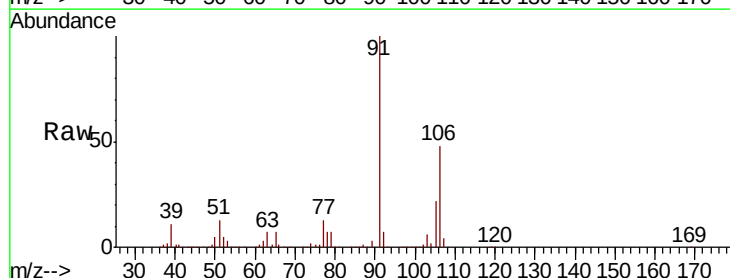
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

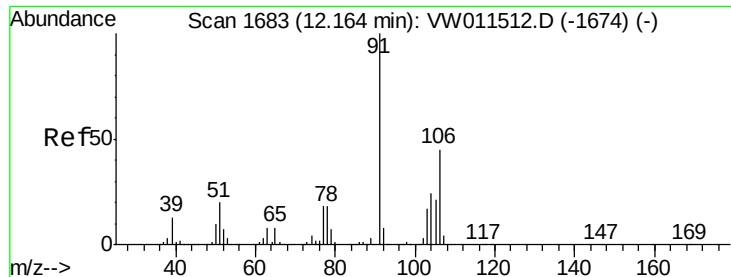
Tgt Ion: 91 Resp: 571355
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 99.323 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 106 Resp: 411072
Ion Ratio Lower Upper
106 100
91 211.0 168.2 252.2

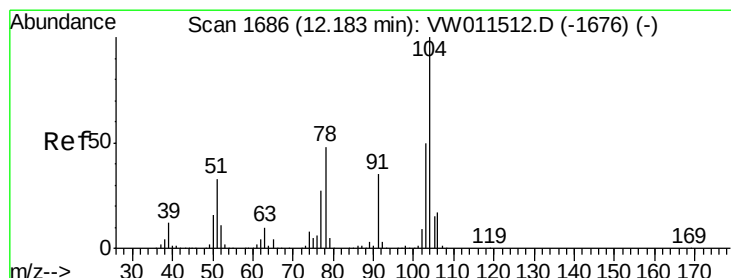
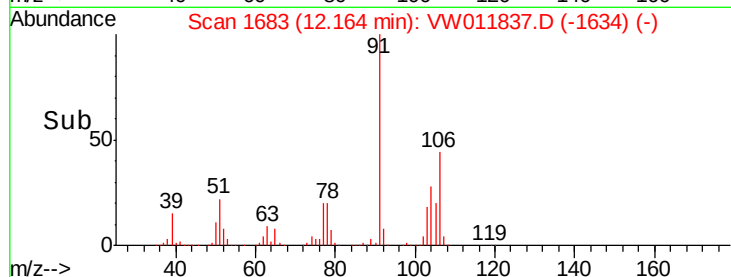
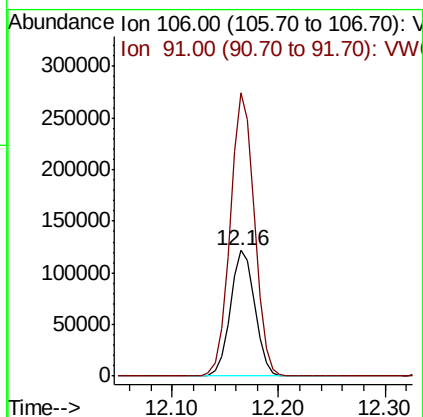
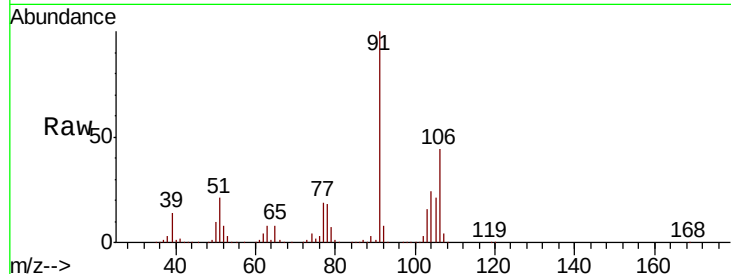




#69
o-Xylene
Concen: 51.002 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

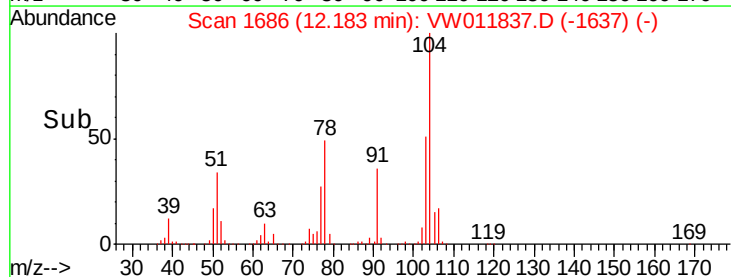
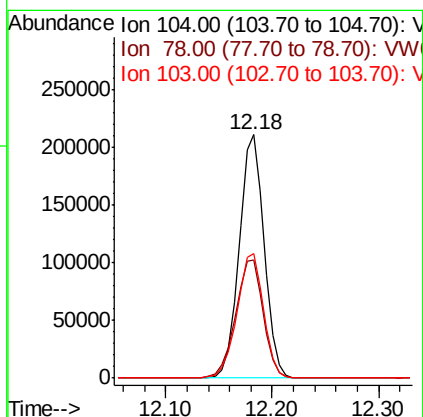
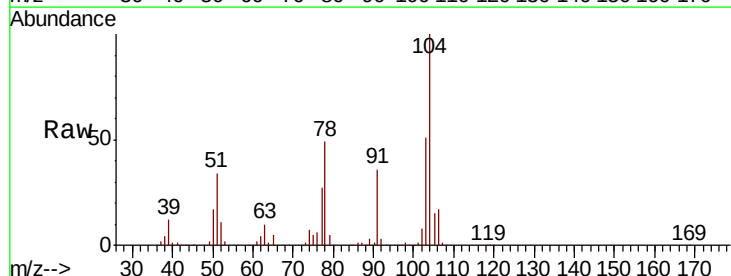
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

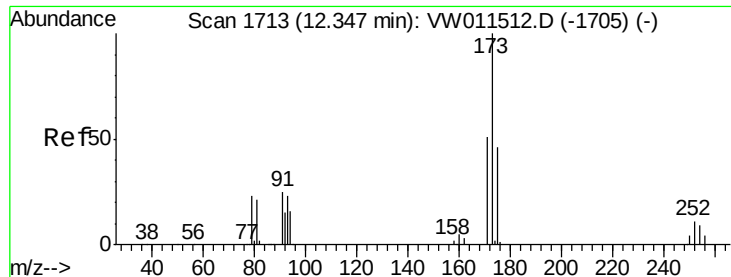
Tgt Ion:106 Resp: 196151
Ion Ratio Lower Upper
106 100
91 222.7 110.5 331.5



#70
Styrene
Concen: 52.049 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion:104 Resp: 346113
Ion Ratio Lower Upper
104 100
78 54.0 43.4 65.0
103 54.7 43.9 65.9





#71

Bromoform

Concen: 54.206 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

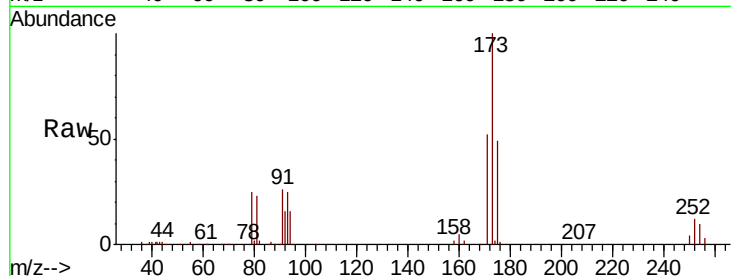
Tgt Ion:173 Resp: 57525

Ion Ratio Lower Upper

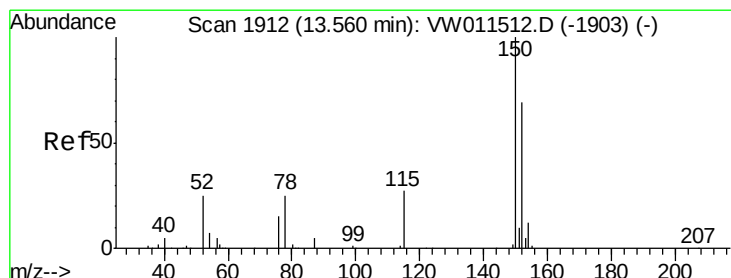
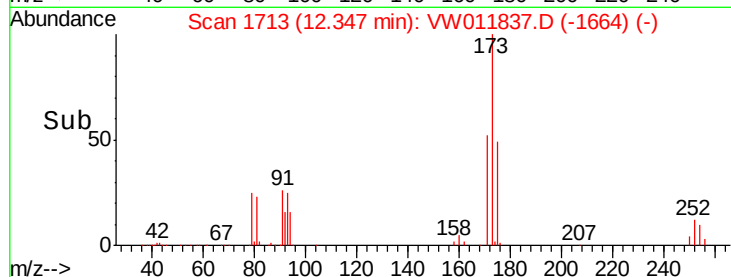
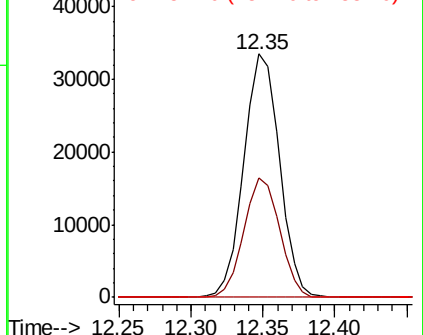
173 100

175 49.2 23.6 71.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

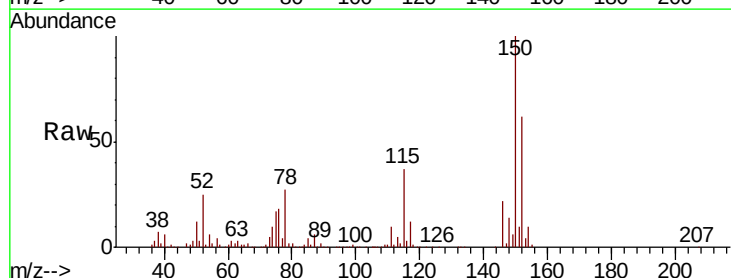
Tgt Ion:152 Resp: 144010

Ion Ratio Lower Upper

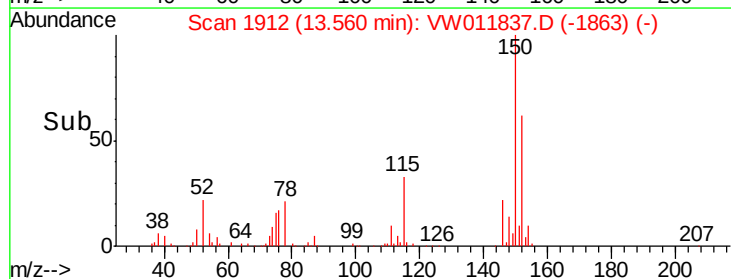
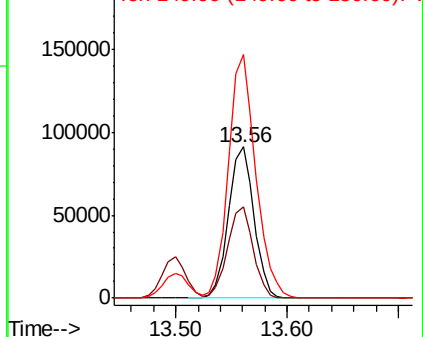
152 100

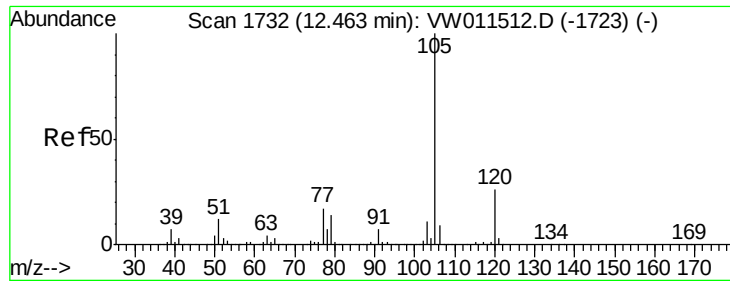
115 60.4 30.5 91.5

150 172.7 0.0 352.6



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





#73

Isopropylbenzene

Concen: 49.399 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

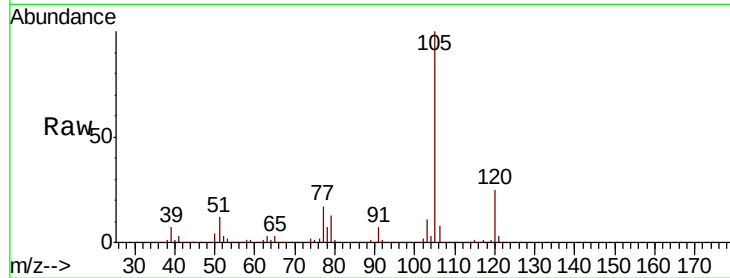
VSTDCCC050EC

Tgt Ion: 105 Resp: 530717

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

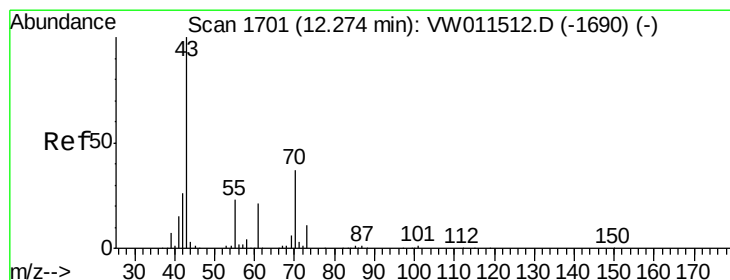
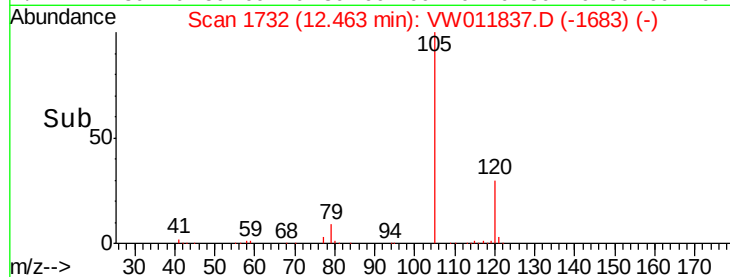
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 55.463 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Tgt Ion: 43 Resp: 186553

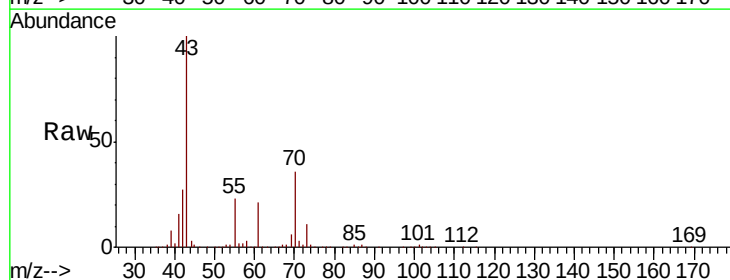
Ion Ratio Lower Upper

43 100

70 35.6 28.6 43.0

55 22.9 17.8 26.8

61 21.1 17.0 25.6



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

12.27

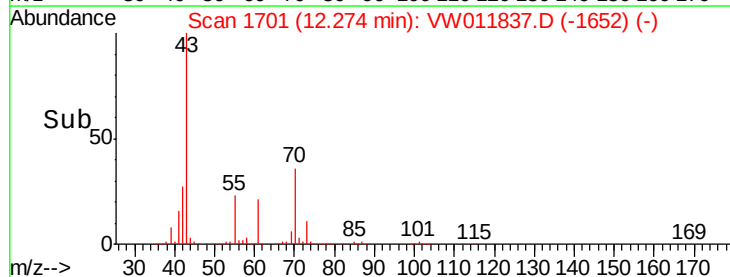
150000

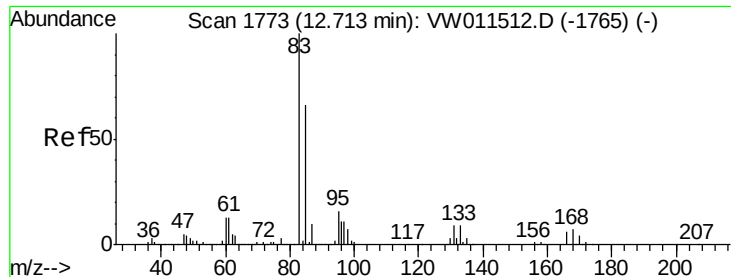
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.133 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

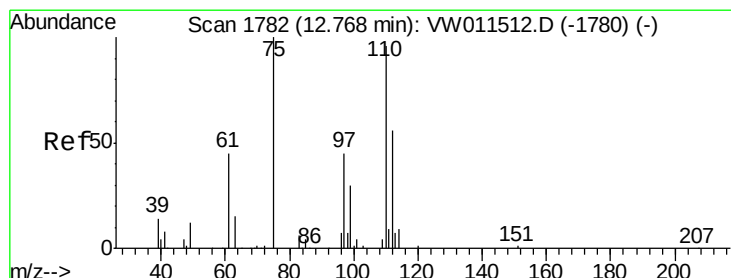
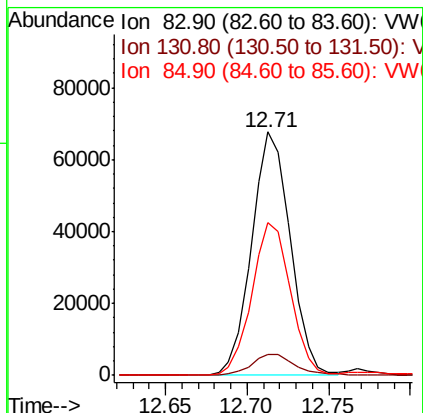
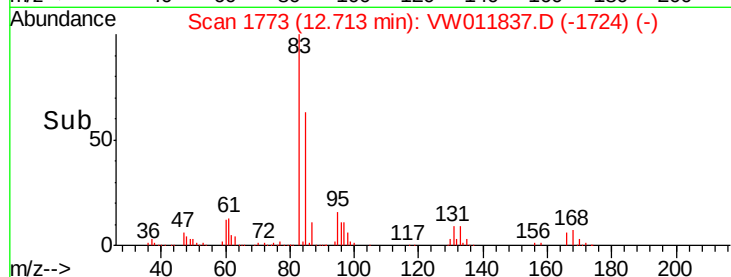
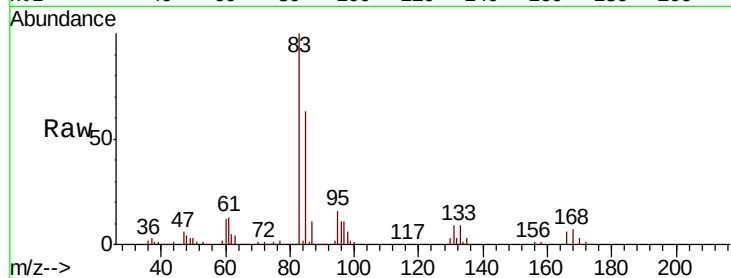
Tgt Ion: 83 Resp: 111416

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 62.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 95.350 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011837.D

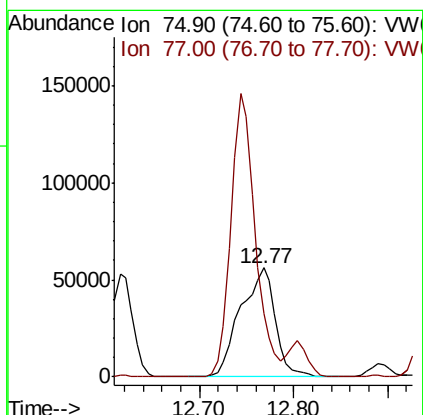
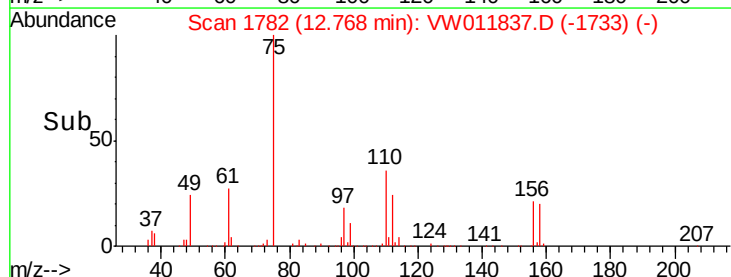
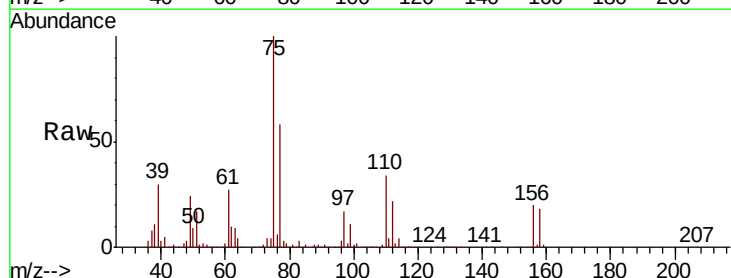
Acq: 10 Aug 2019 02:52

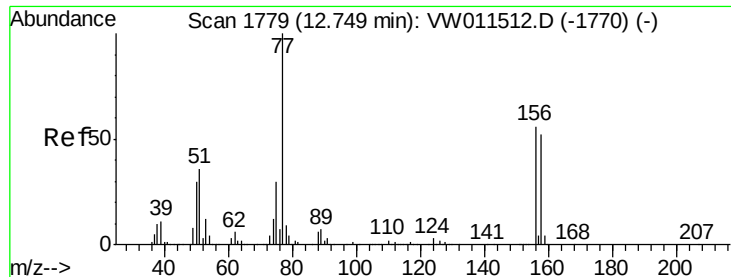
Tgt Ion: 75 Resp: 145293

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

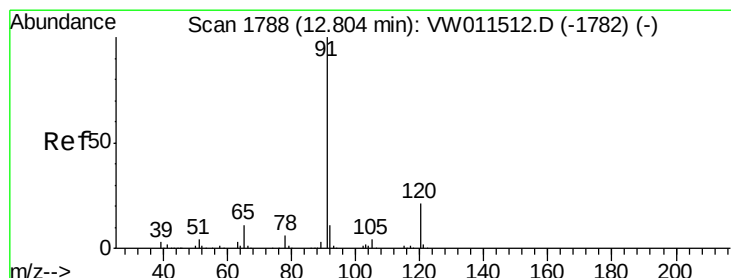
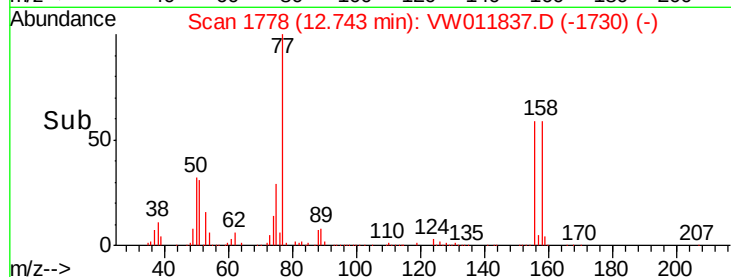
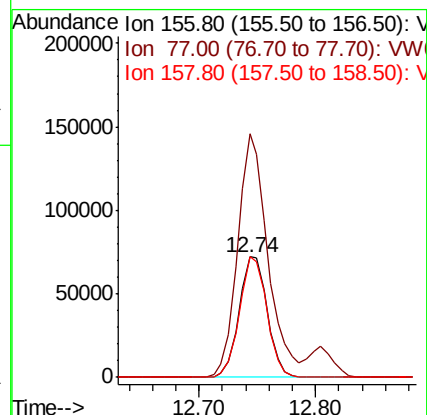
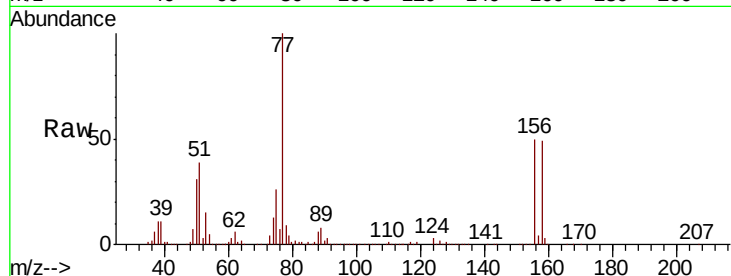




#77
Bromobenzene
Concen: 51.224 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

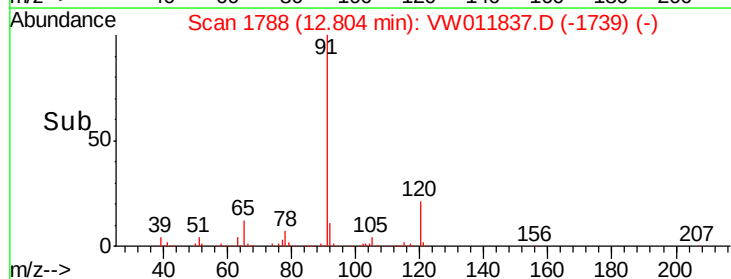
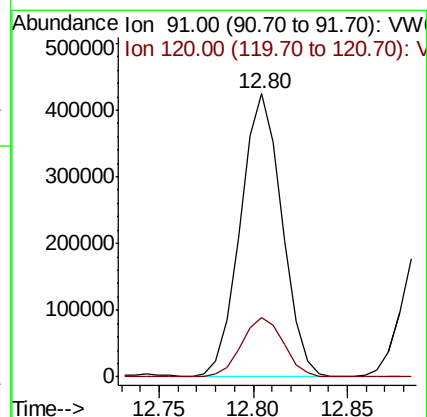
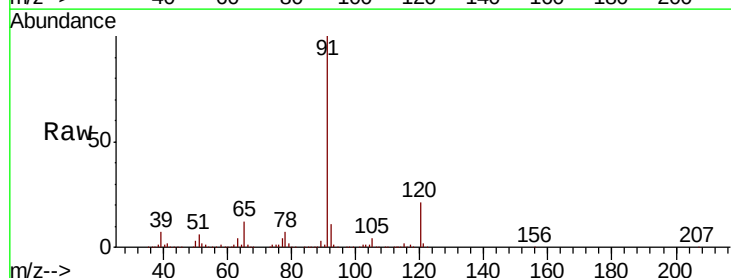
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

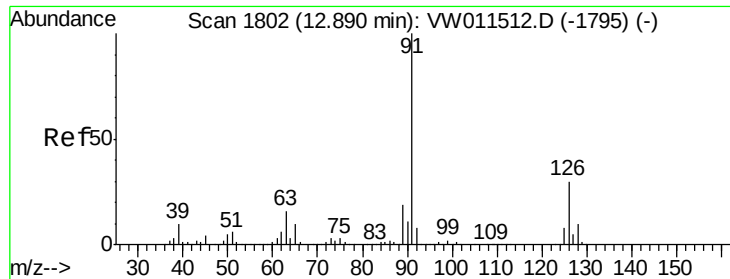
Tgt Ion:156 Resp: 121639
Ion Ratio Lower Upper
156 100
77 216.1 106.5 319.4
158 97.3 48.0 144.2



#78
n-propylbenzene
Concen: 49.621 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion: 91 Resp: 648791
Ion Ratio Lower Upper
91 100
120 21.2 10.9 32.7





#79

2-Chlorotoluene

Concen: 50.709 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

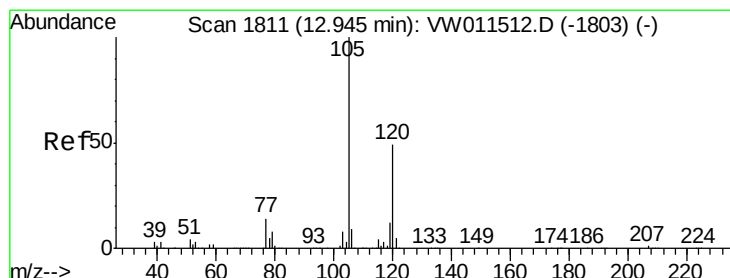
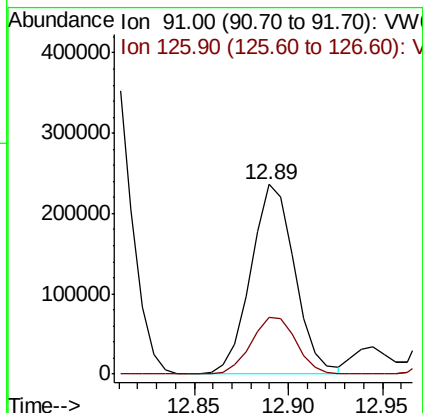
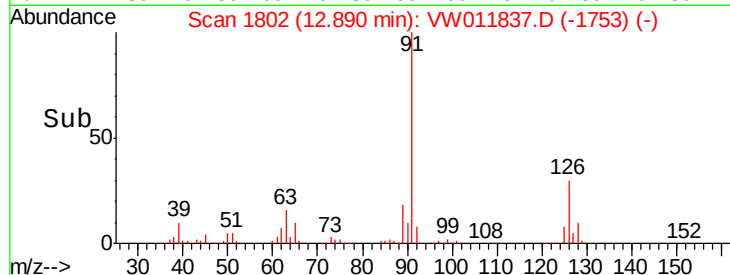
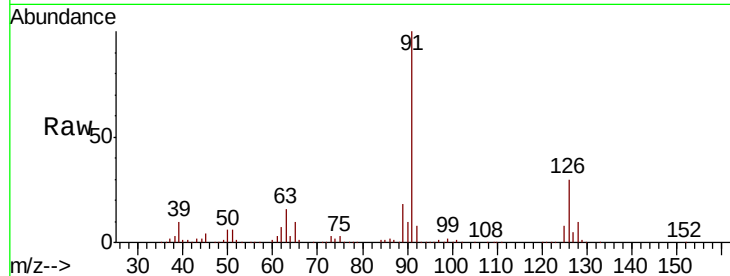
VSTDCCC050EC

Tgt Ion: 91 Resp: 381962

Ion Ratio Lower Upper

91 100

126 30.7 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 50.778 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011837.D

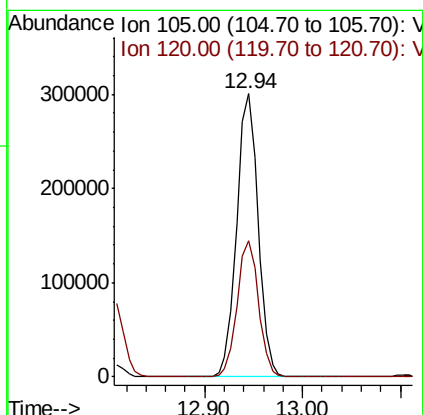
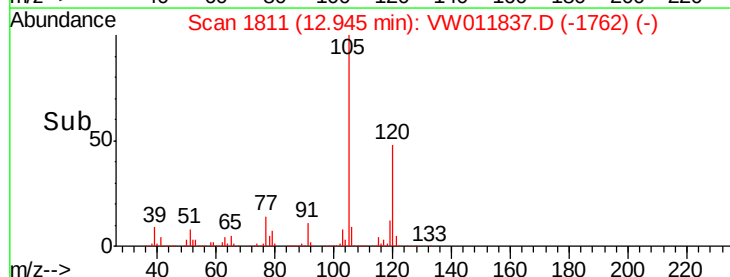
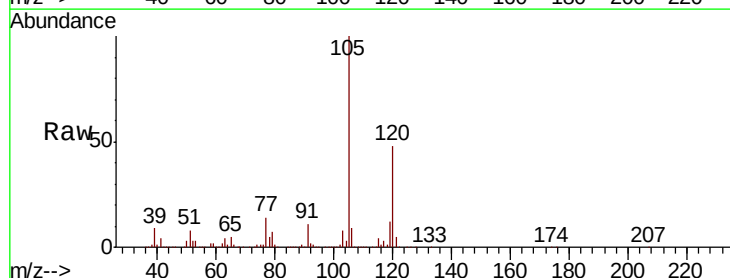
Acq: 10 Aug 2019 02:52

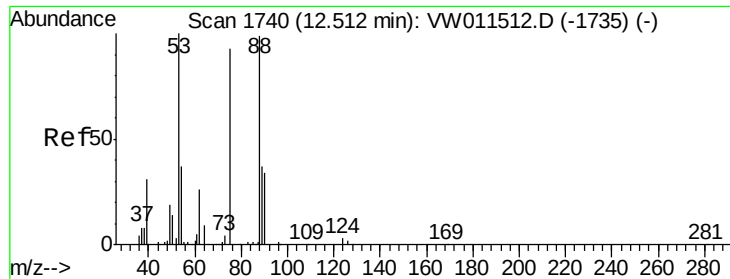
Tgt Ion: 105 Resp: 457295

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 51.460 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

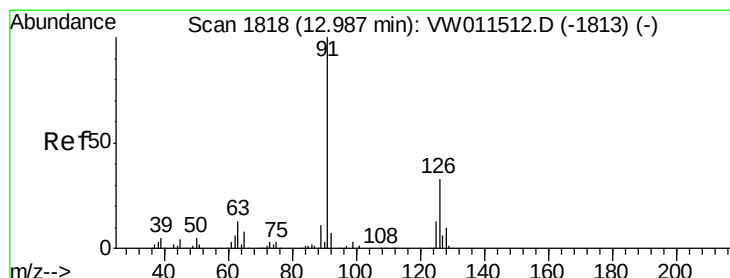
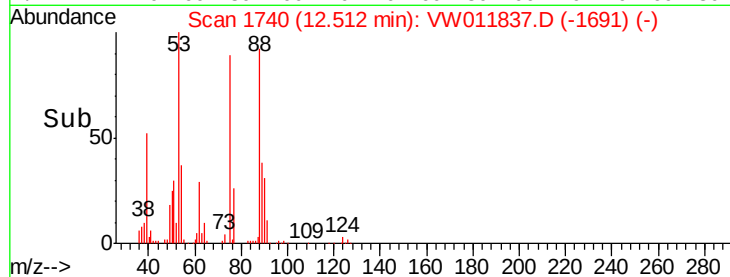
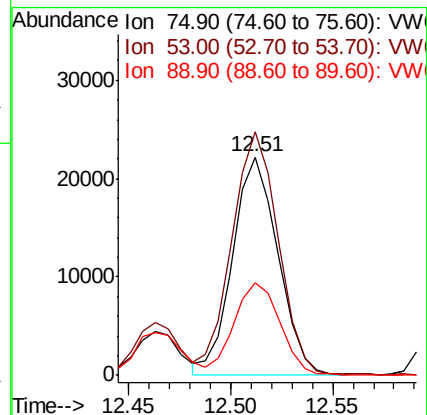
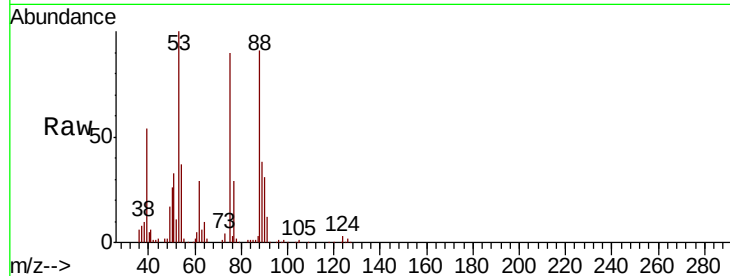
Tgt Ion: 75 Resp: 34024

Ion Ratio Lower Upper

75 100

53 114.7 88.0 132.0

89 43.2 35.3 52.9



#82

4-Chlorotoluene

Concen: 50.523 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011837.D

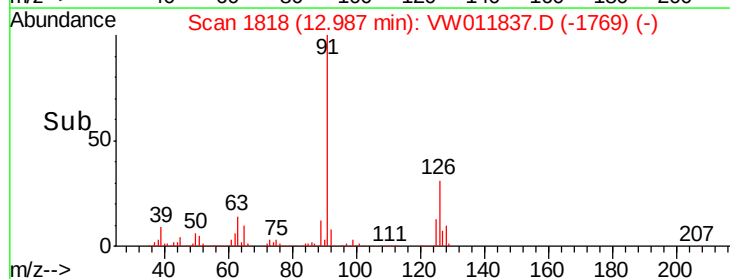
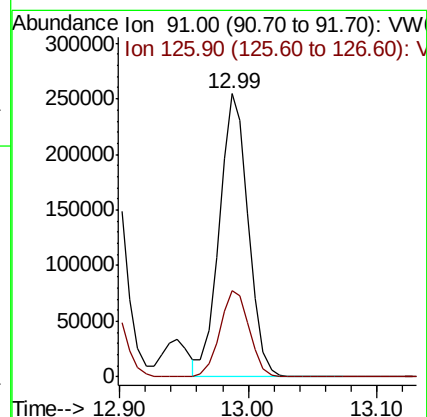
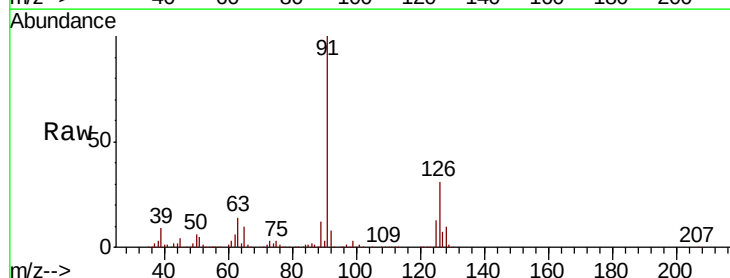
Acq: 10 Aug 2019 02:52

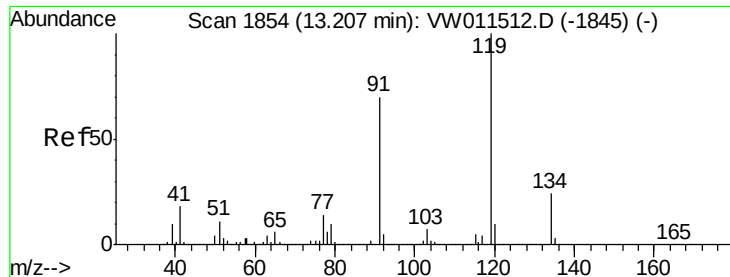
Tgt Ion: 91 Resp: 399287

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8

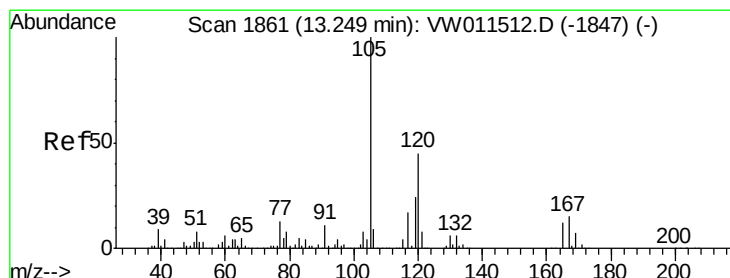
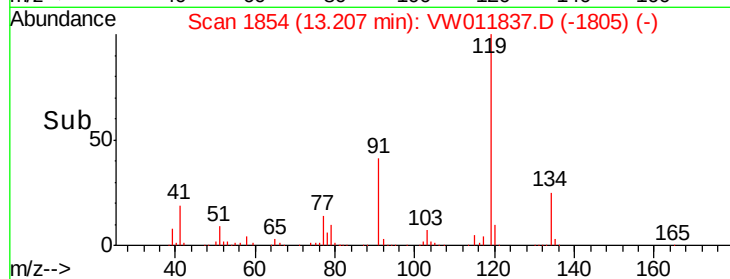
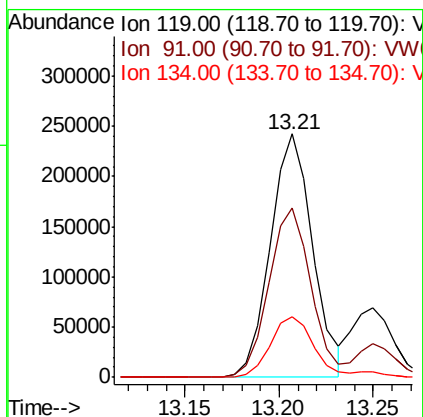
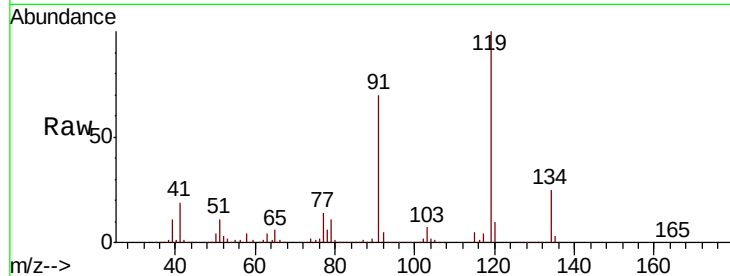




#83
tert-Butylbenzene
Concen: 50.070 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

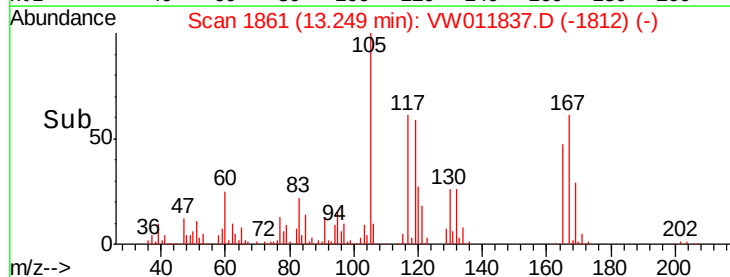
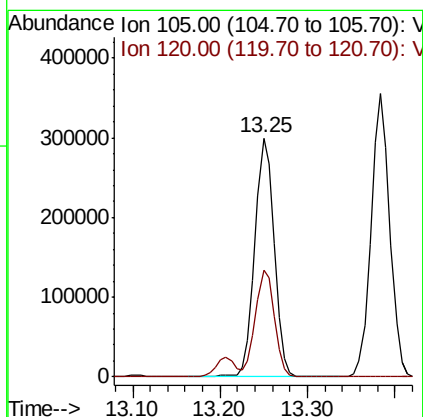
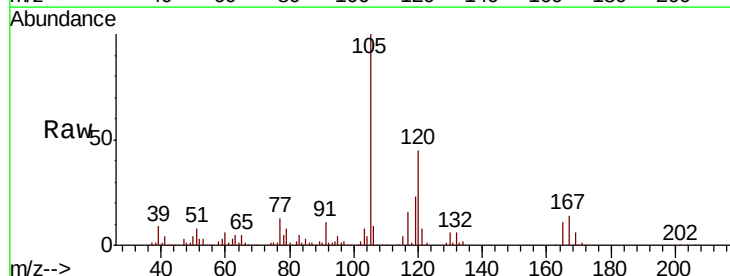
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

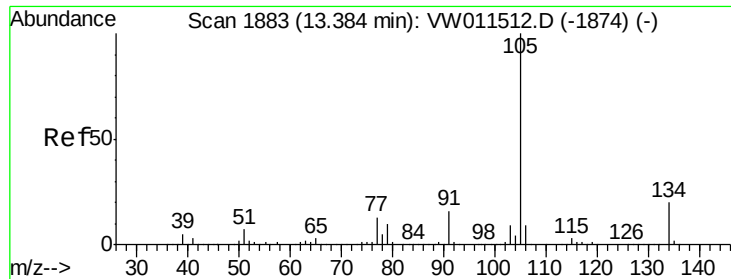
Tgt Ion:119 Resp: 377074
Ion Ratio Lower Upper
119 100
91 69.1 34.5 103.6
134 25.5 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 50.727 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion:105 Resp: 460195
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5

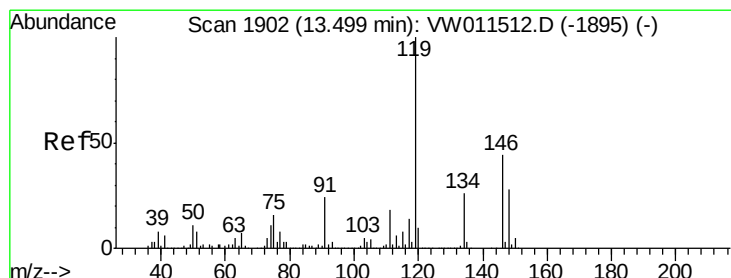
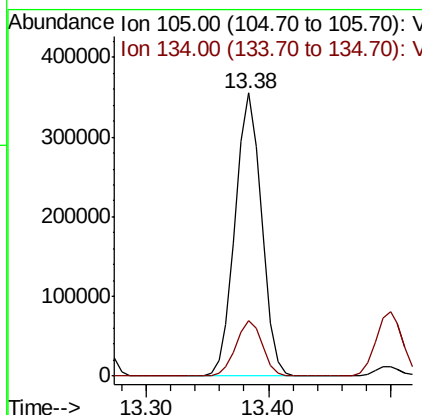
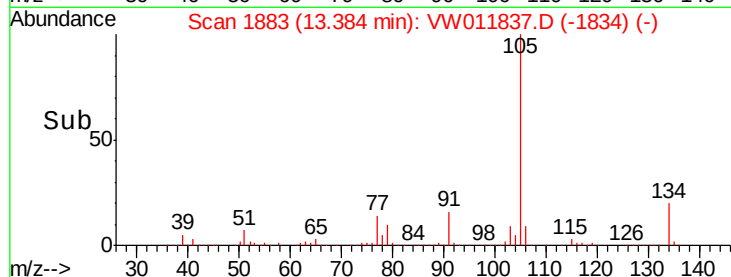
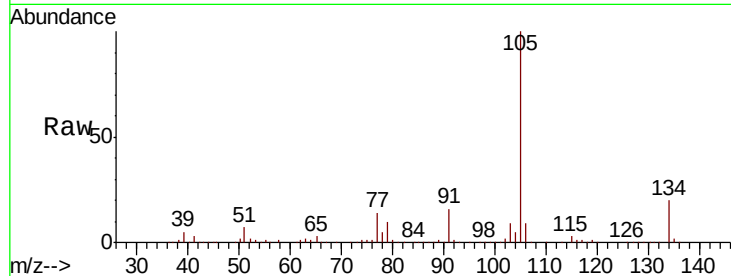




#85
 sec-Butylbenzene
 Concen: 49.329 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

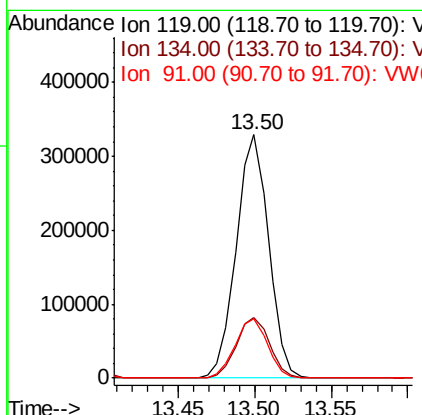
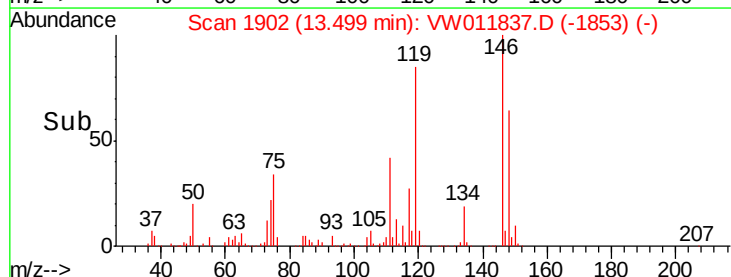
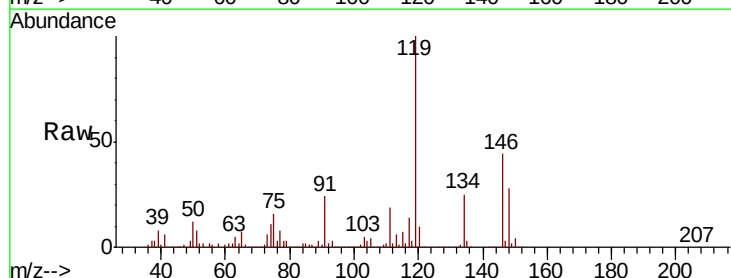
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

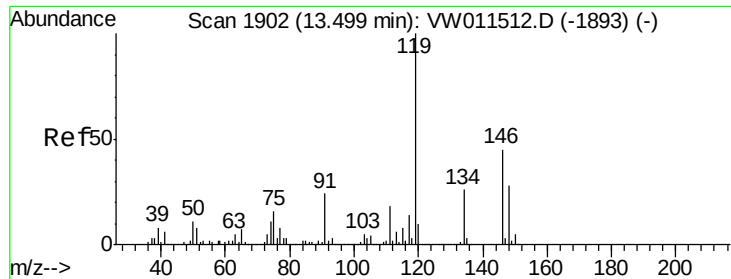
Tgt Ion:105 Resp: 530080
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 49.398 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion:119 Resp: 481617
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.5 12.1 36.3

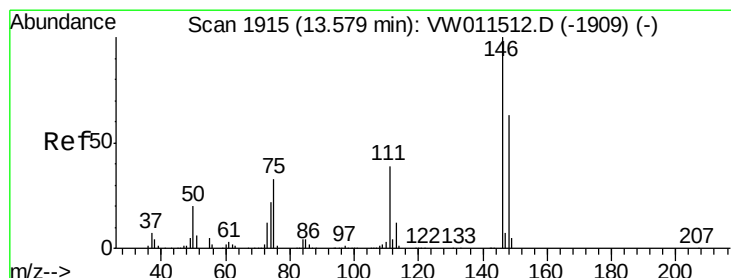
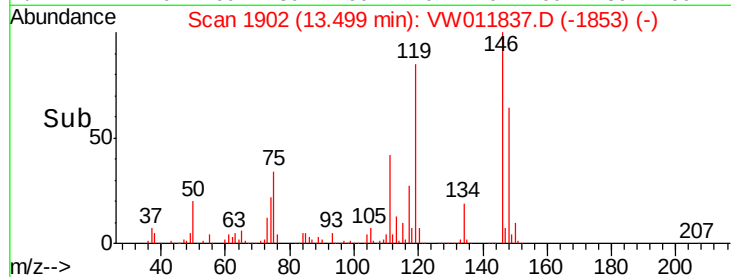
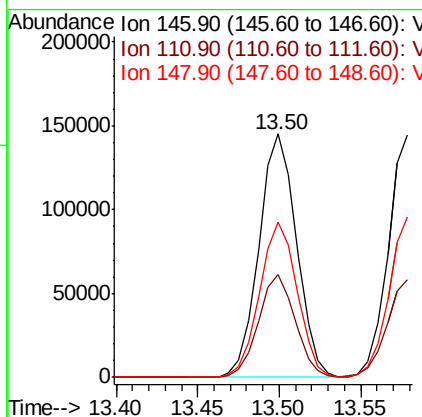
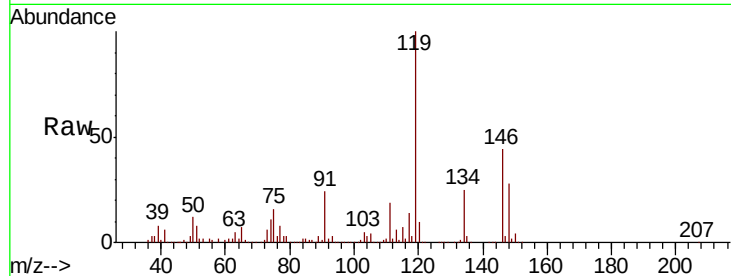




#87
 1,3-Dichlorobenzene
 Concen: 49.603 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

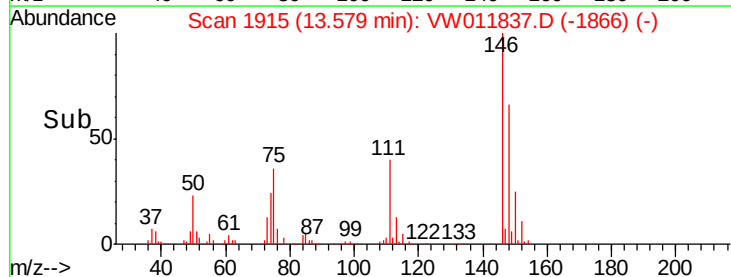
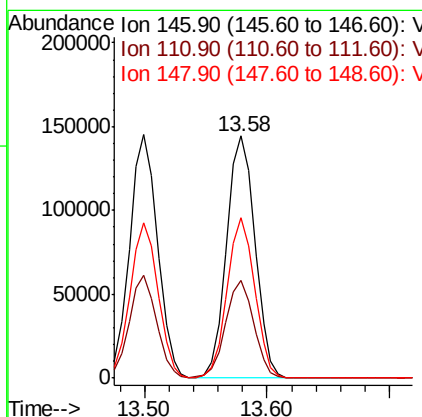
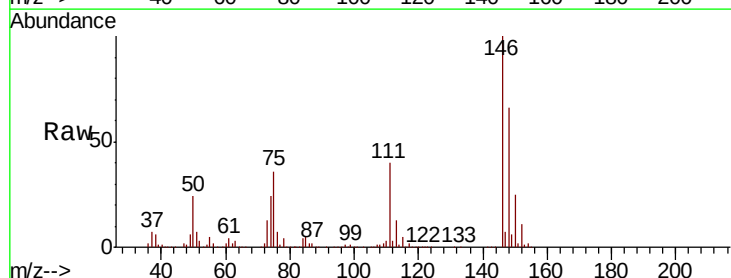
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

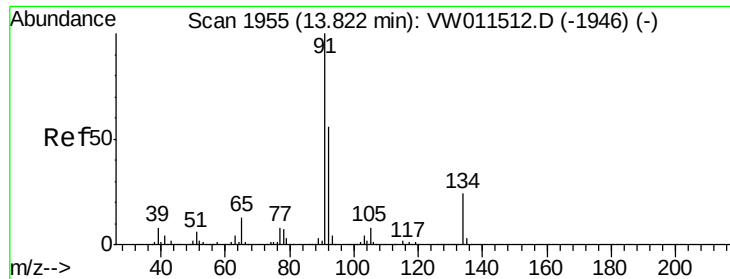
Tgt Ion:146 Resp: 230957
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.5 61.6
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.046 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion:146 Resp: 231803
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.2
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 48.108 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011837.D

Acq: 10 Aug 2019 02:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

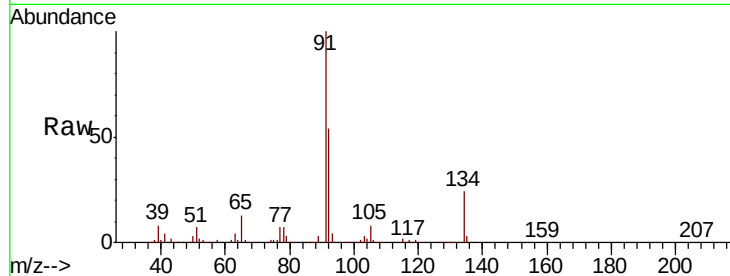
Tgt Ion: 91 Resp: 468074

Ion Ratio Lower Upper

91 100

92 53.9 27.5 82.4

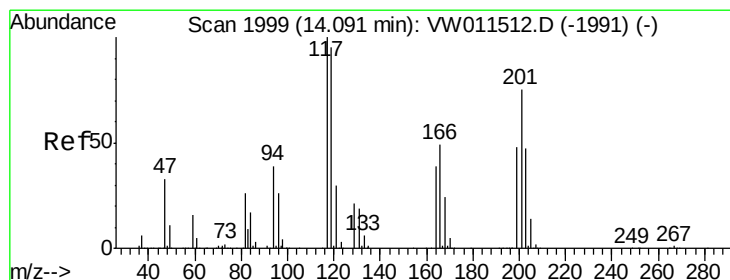
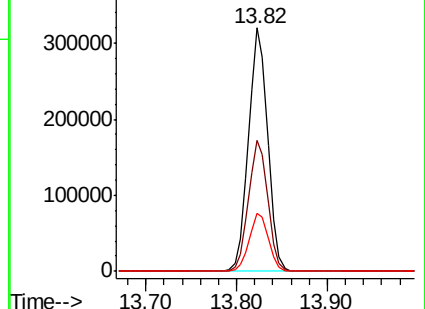
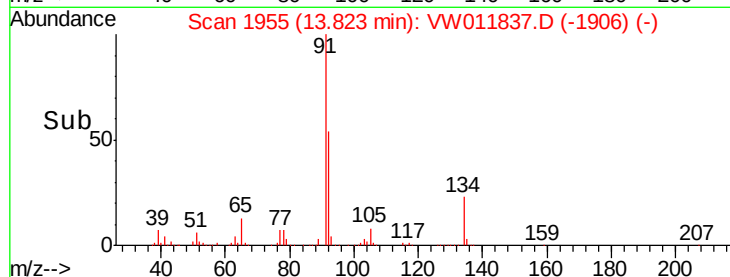
134 23.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.926 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW011837.D

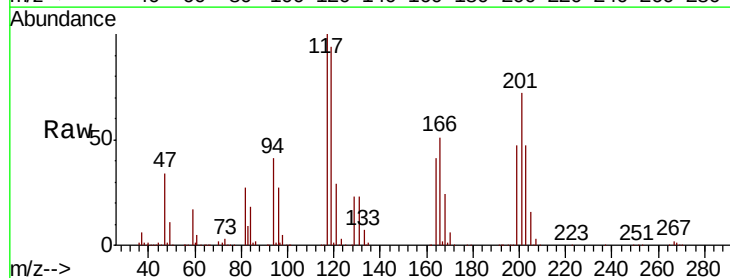
Acq: 10 Aug 2019 02:52

Tgt Ion: 117 Resp: 87799

Ion Ratio Lower Upper

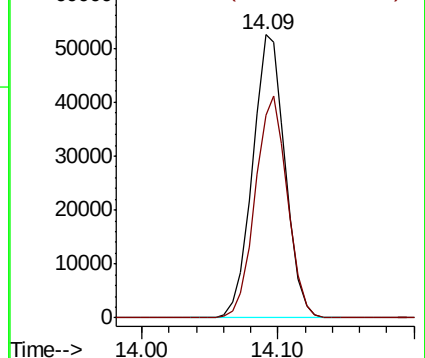
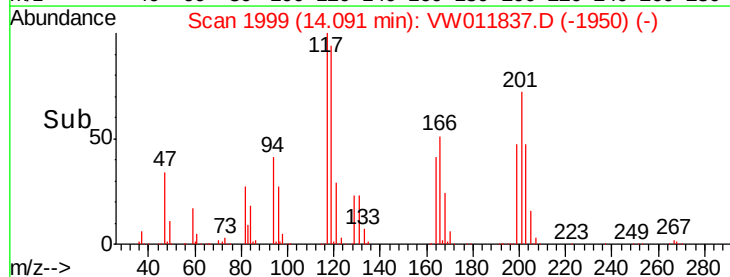
117 100

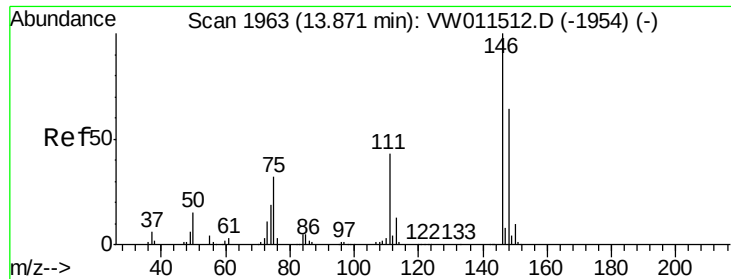
201 77.4 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

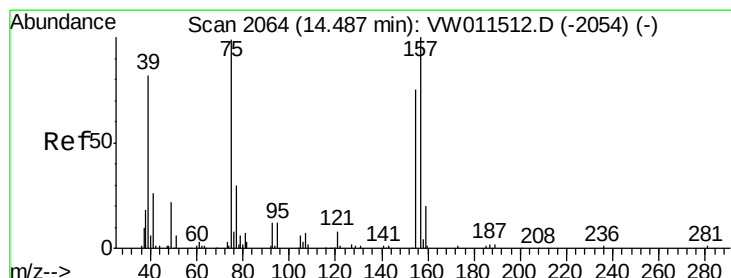
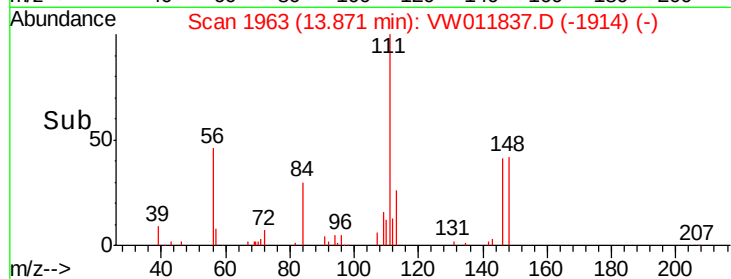
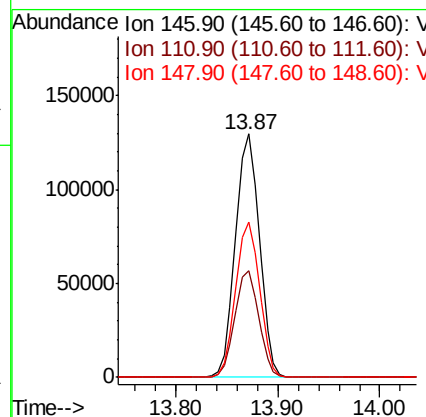
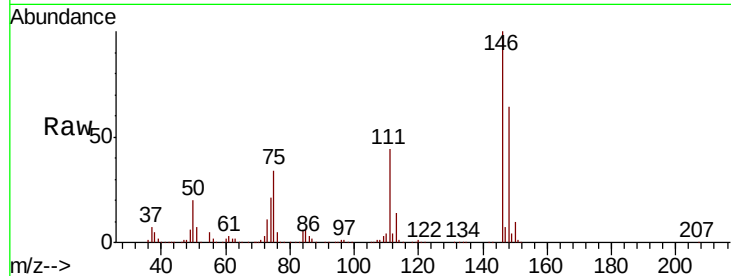




#91
 1,2-Dichlorobenzene
 Concen: 51.216 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

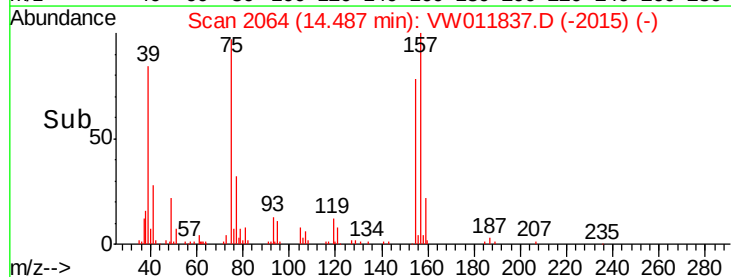
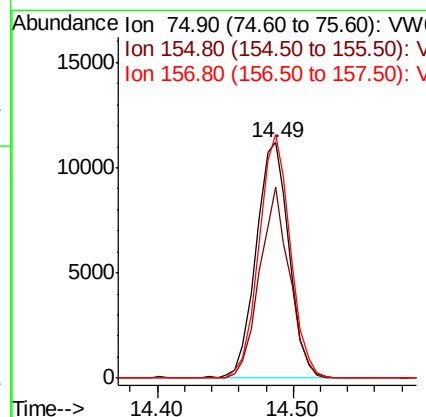
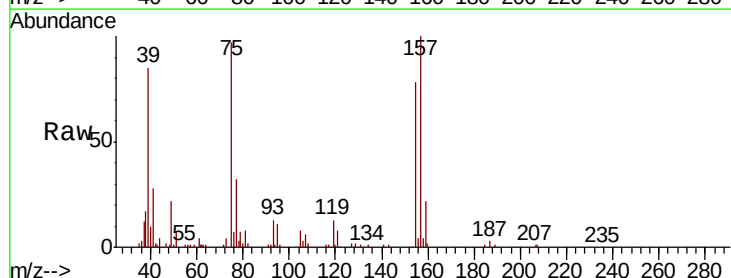
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

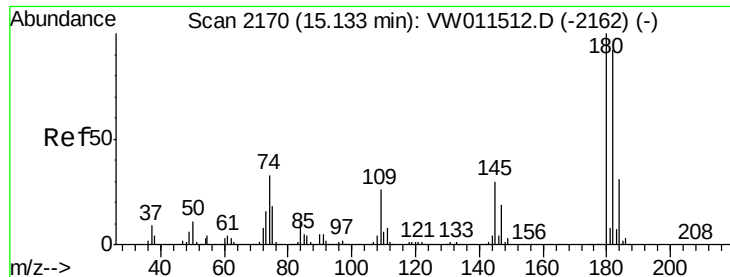
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	65.0
148	63.6	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.002 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.6	38.2	114.6
157	98.8	48.9	146.7

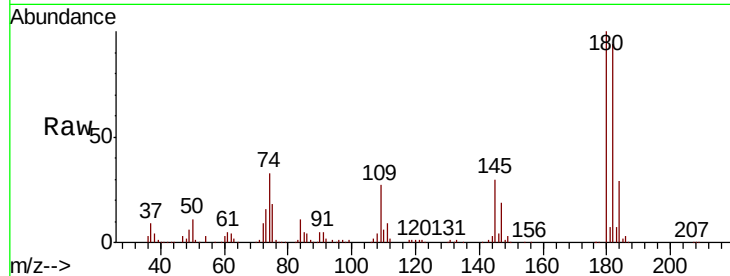




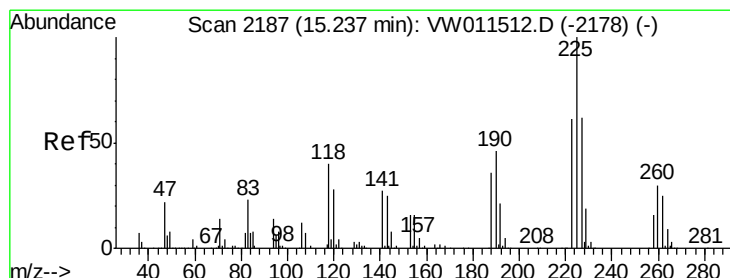
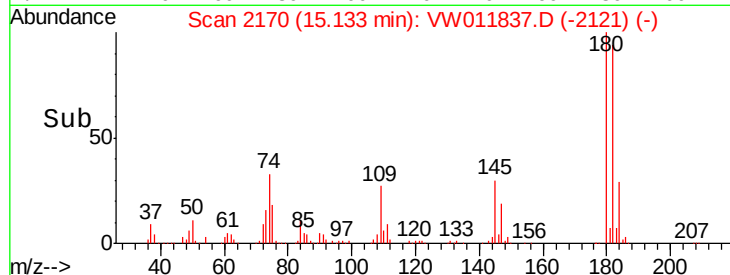
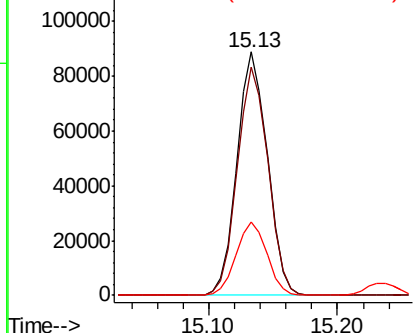
#93
 1,2,4-Trichlorobenzene
 Concen: 50.011 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 145148
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.4 142.2
 145 30.4 15.4 46.1

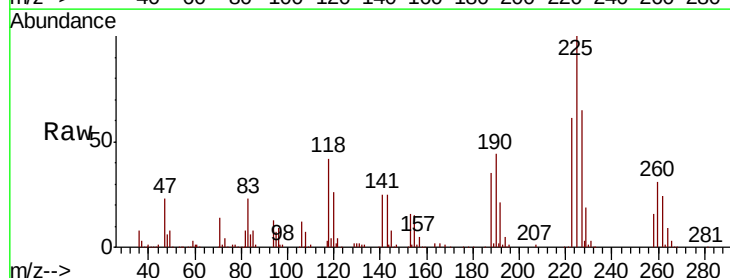


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

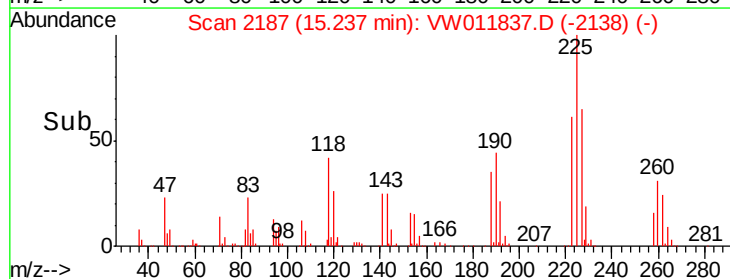
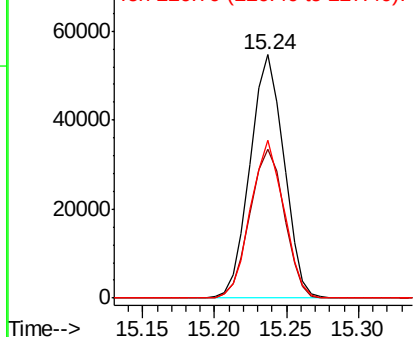


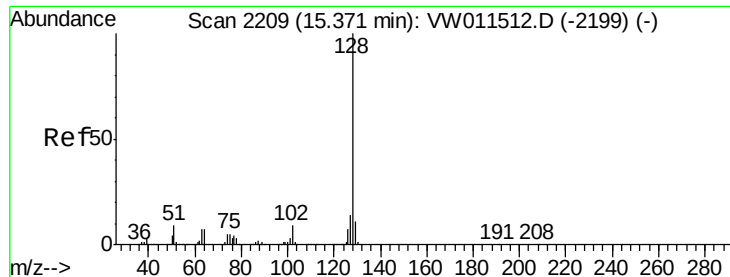
#94
 Hexachlorobutadiene
 Concen: 49.149 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011837.D
 Acq: 10 Aug 2019 02:52

Tgt Ion:225 Resp: 88958
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.8 92.3
 227 63.4 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

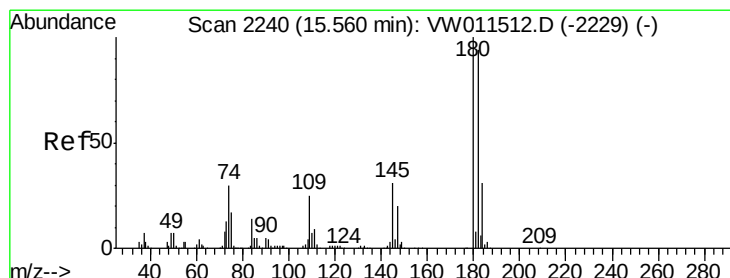
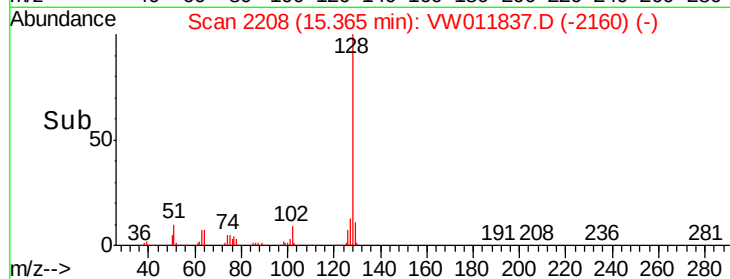
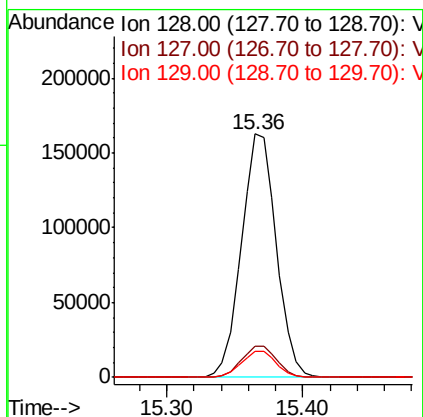
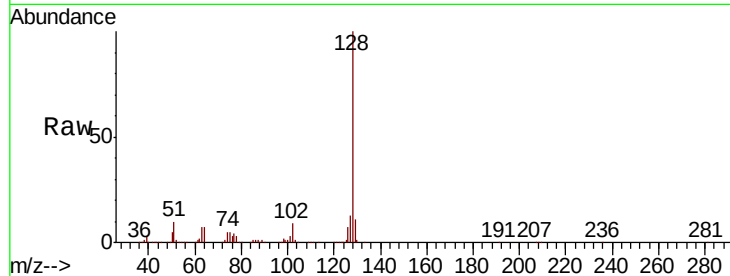




#95
Naphthalene
Concen: 51.091 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 290733
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.574 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011837.D
Acq: 10 Aug 2019 02:52

Tgt Ion:180 Resp: 131208
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.2
145 32.2 15.9 47.7

