

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
 Data File : VW012881.D
 Acq On : 10 Sep 2019 19:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 08:19:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132778	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105352	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.88	113	85185	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.32	98	344511	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	123681	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	47527	44.461 ug/l	96
3) Chloromethane	2.21	50	63303	48.727 ug/l	100
4) Vinyl Chloride	2.36	62	81831	51.373 ug/l	97
5) Bromomethane	2.73	94	48061	55.563 ug/l	100
6) Chloroethane	2.90	64	50716	53.355 ug/l	99
7) Trichlorofluoromethane	3.24	101	53839	48.979 ug/l	99
8) Diethyl Ether	3.67	74	46388	50.211 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86618	50.213 ug/l	97
10) Methyl Iodide	4.26	142	113087	52.077 ug/l	96
11) Tert butyl alcohol	5.16	59	46568	276.258 ug/l	99
12) 1,1-Dichloroethene	4.03	96	81845	50.262 ug/l	95
13) Acrolein	3.89	56	45975	257.015 ug/l	99
14) Allyl chloride	4.66	41	153852	45.673 ug/l	99
15) Acrylonitrile	5.36	53	139706	258.904 ug/l	99
16) Acetone	4.11	43	131044	218.177 ug/l	98
17) Carbon Disulfide	4.38	76	152222	44.040 ug/l	99
18) Methyl Acetate	4.66	43	71443	50.698 ug/l	98
19) Methyl tert-butyl Ether	5.42	73	172719	53.483 ug/l	97
20) Methylene Chloride	4.92	84	92629	49.295 ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	82861	49.870 ug/l	89
22) Diisopropyl ether	6.31	45	336251	50.329 ug/l	98
23) Vinyl Acetate	6.25	43	1066884	251.976 ug/l	98
24) 1,1-Dichloroethane	6.21	63	179777	49.975 ug/l	98
25) 2-Butanone	7.17	43	195397	223.230 ug/l	99
26) 2,2-Dichloropropane	7.17	77	110136	48.474 ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	103134	53.533 ug/l	95
28) Bromochloromethane	7.51	49	78190	47.336 ug/l	# 88
29) Tetrahydrofuran	7.52	42	122580	252.724 ug/l	95
30) Chloroform	7.67	83	181036	50.779 ug/l	99
31) Cyclohexane	7.95	56	142925	44.132 ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	146891	50.829 ug/l	98
36) 1,1-Dichloropropene	8.08	75	131943	50.899 ug/l	99
37) Ethyl Acetate	7.25	43	86511	52.352 ug/l	100
38) Carbon Tetrachloride	8.06	117	132737	51.945 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	147007	50.493	ug/l	93
40) Benzene	8.32	78	367122	51.044	ug/l	98
41) Methacrylonitrile	7.48	41	49702	44.687	ug/l	95
42) 1,2-Dichloroethane	8.40	62	128930	50.936	ug/l	99
43) Isopropyl Acetate	8.42	43	162971	52.055	ug/l	98
44) Trichloroethene	9.09	130	99043	53.423	ug/l	86
45) 1,2-Dichloropropane	9.37	63	103664	51.967	ug/l	100
46) Dibromomethane	9.46	93	51574	54.598	ug/l	98
47) Bromodichloromethane	9.64	83	136808	52.642	ug/l	99
48) Methyl methacrylate	9.43	41	75368	50.374	ug/l	98
49) 1,4-Dioxane	9.45	88	19492	1044.655	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	432669	263.373	ug/l	98
52) Toluene	10.38	92	238441	53.117	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	142471	53.314	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	159724	52.688	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	77164	54.564	ug/l	98
56) Ethyl methacrylate	10.64	69	115708	55.895	ug/l	95
57) 1,3-Dichloropropane	10.93	76	138304	52.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	302736	275.470	ug/l	97
59) 2-Hexanone	10.96	43	301675	251.354	ug/l	98
60) Dibromochloromethane	11.13	129	92662	55.713	ug/l	99
61) 1,2-Dibromoethane	11.23	107	72247	55.723	ug/l	99
64) Tetrachloroethene	10.86	164	87349	55.758	ug/l	96
65) Chlorobenzene	11.66	112	260691	53.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	97831	53.836	ug/l	98
67) Ethyl Benzene	11.73	91	483836	52.847	ug/l	100
68) m/p-Xylenes	11.84	106	357267	108.110	ug/l	99
69) o-Xylene	12.16	106	169787	54.459	ug/l	97
70) Styrene	12.18	104	304908	55.345	ug/l	98
71) Bromoform	12.35	173	56409	55.872	ug/l #	98
73) Isopropylbenzene	12.46	105	490505	51.506	ug/l	100
74) N-amyl acetate	12.27	43	153411	50.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	97025	50.731	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	129611	95.463	ug/l #	100
77) Bromobenzene	12.74	156	113969	52.823	ug/l	95
78) n-propylbenzene	12.80	91	587451	51.577	ug/l	99
79) 2-Chlorotoluene	12.89	91	333572	51.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	417736	52.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31711	49.400	ug/l	100
82) 4-Chlorotoluene	12.99	91	348119	50.334	ug/l	98
83) tert-Butylbenzene	13.21	119	376912	53.120	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	416775	51.543	ug/l	98
85) sec-Butylbenzene	13.38	105	512724	52.075	ug/l	99
86) p-Isopropyltoluene	13.50	119	475318	52.852	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	223191	52.629	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	218491	51.777	ug/l	99
89) n-Butylbenzene	13.82	91	448969	51.422	ug/l	99
90) Hexachloroethane	14.09	117	81939	52.190	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	203368	53.280	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17784	50.811	ug/l	93

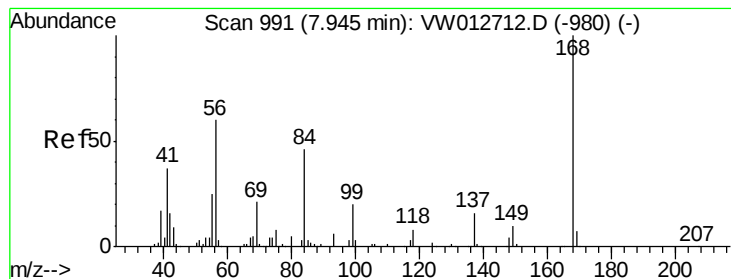
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	151142	56.874	ug/l	98
94) Hexachlorobutadiene	15.24	225	99791	54.251	ug/l	97
95) Naphthalene	15.36	128	282836	50.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	133497	56.910	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

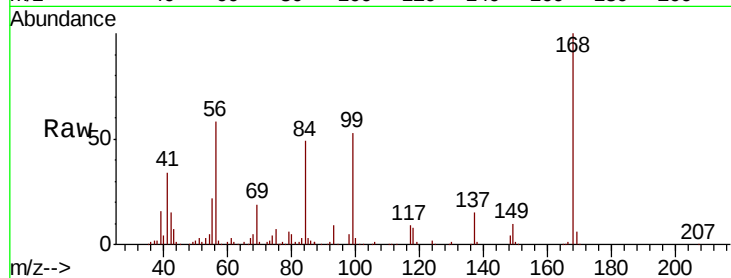
VSTDCCC050EC

Tgt Ion:168 Resp: 197183

Ion Ratio Lower Upper

168 100

99 52.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

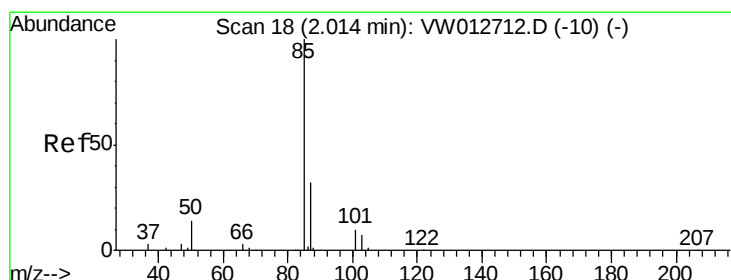
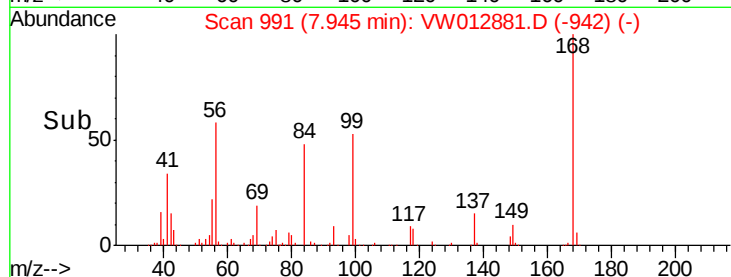
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.461 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012881.D

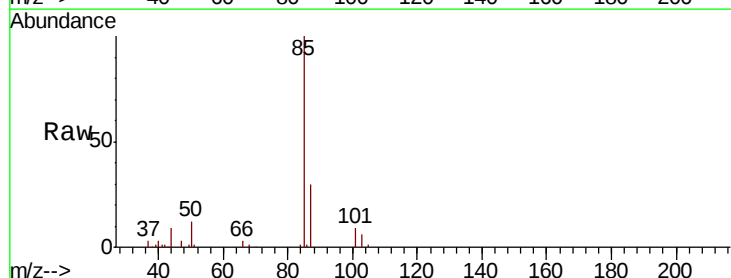
Acq: 10 Sep 2019 19:50

Tgt Ion: 85 Resp: 47527

Ion Ratio Lower Upper

85 100

87 29.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

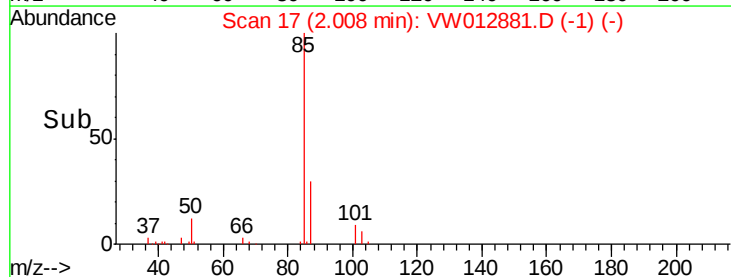
15000

10000

5000

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Time-->





#3

Chloromethane

Concen: 48.727 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

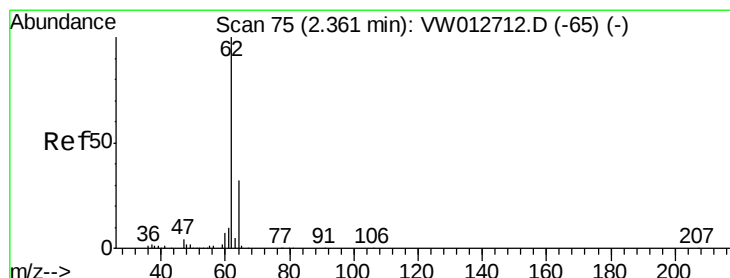
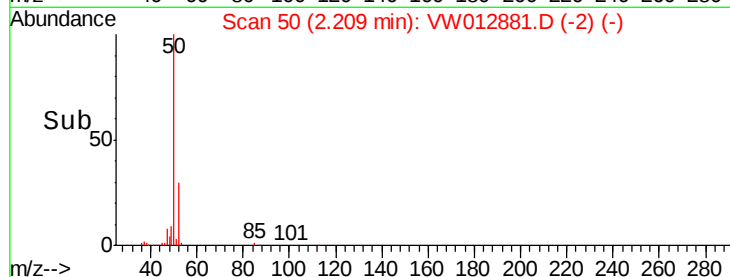
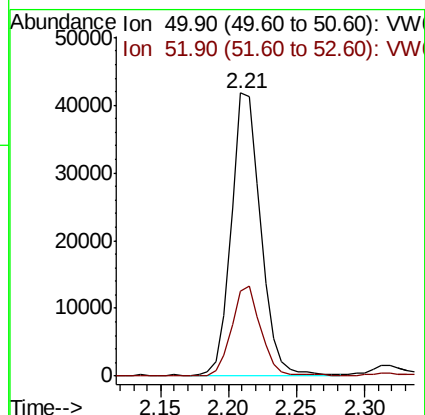
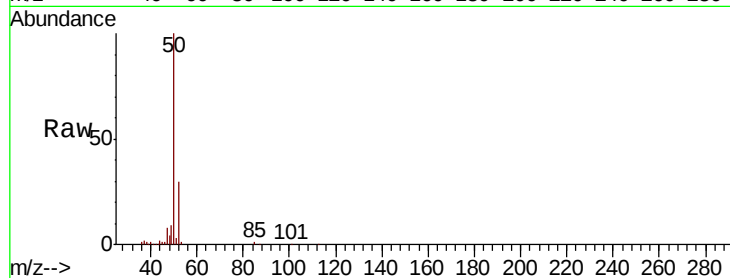
VSTDCCC050EC

Tgt Ion: 50 Resp: 63303

Ion Ratio Lower Upper

50 100

52 30.2 24.2 36.2



#4

Vinyl Chloride

Concen: 51.373 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012881.D

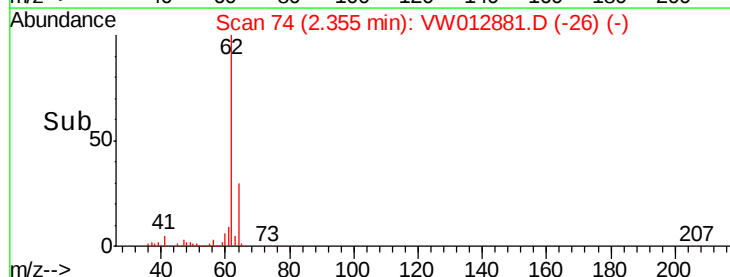
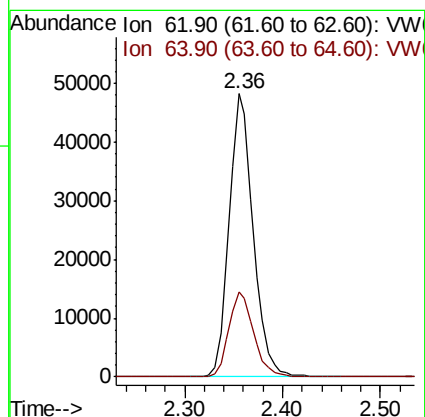
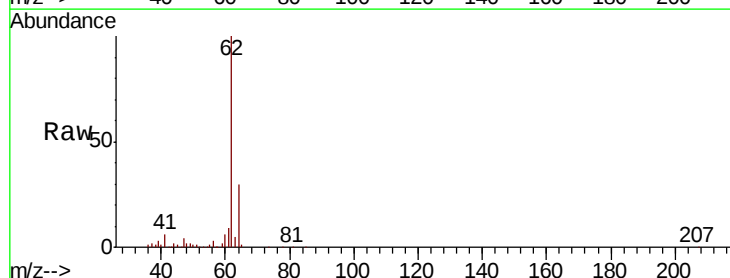
Acq: 10 Sep 2019 19:50

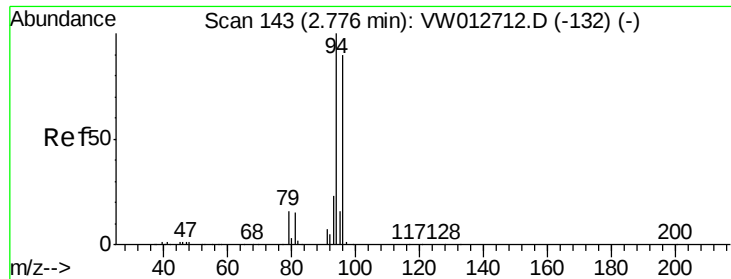
Tgt Ion: 62 Resp: 81831

Ion Ratio Lower Upper

62 100

64 30.2 25.3 37.9





#5

Bromomethane

Concen: 55.563 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

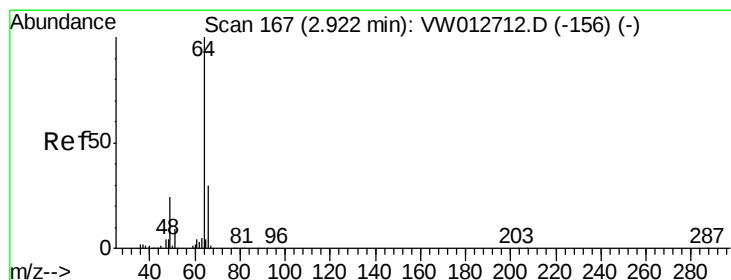
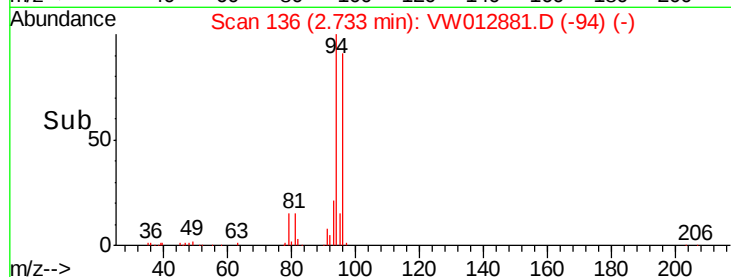
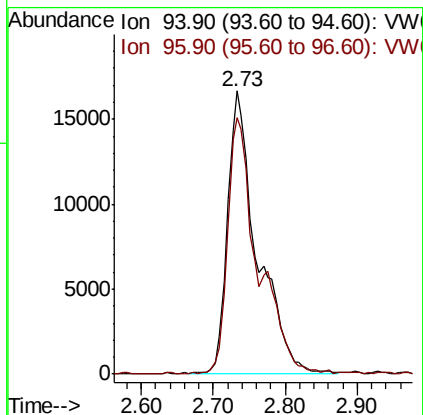
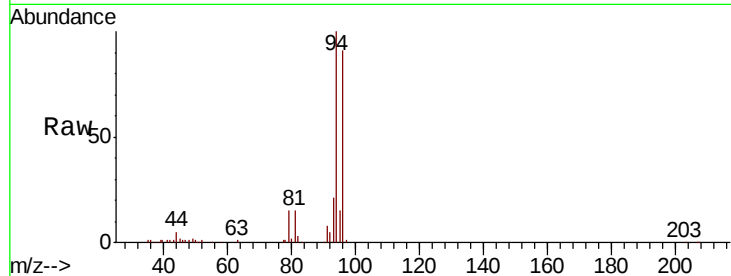
VSTDCCC050EC

Tgt Ion: 94 Resp: 48061

Ion Ratio Lower Upper

94 100

96 90.2 72.1 108.1



#6

Chloroethane

Concen: 53.355 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW012881.D

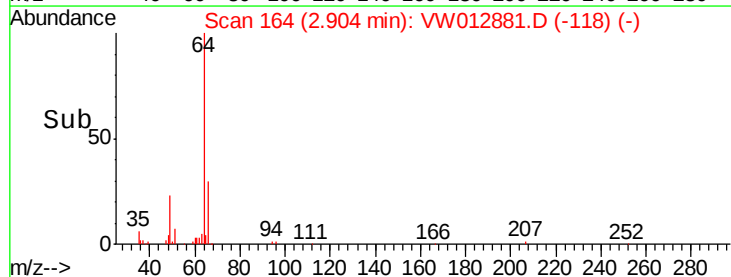
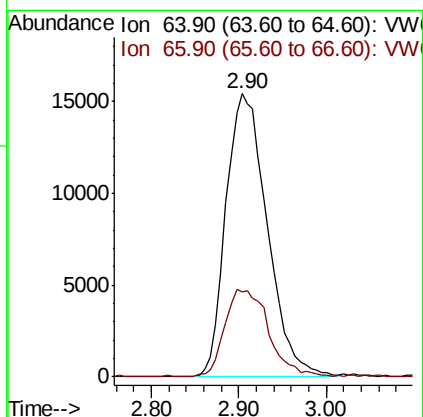
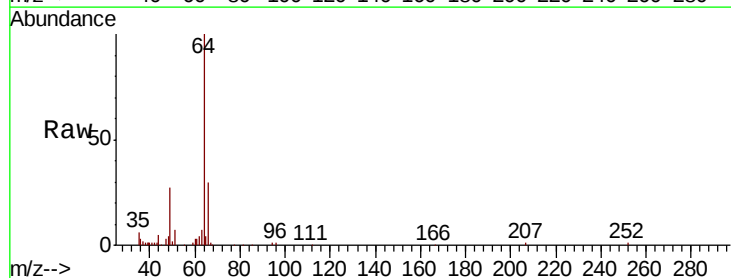
Acq: 10 Sep 2019 19:50

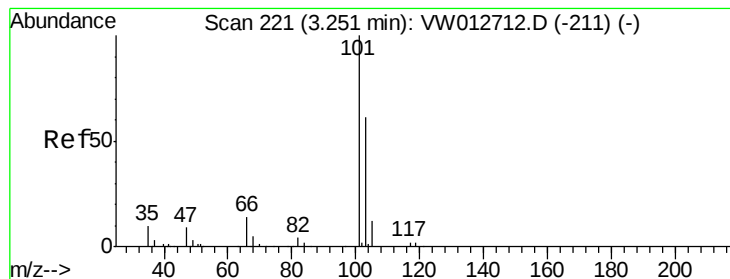
Tgt Ion: 64 Resp: 50716

Ion Ratio Lower Upper

64 100

66 30.1 23.8 35.6



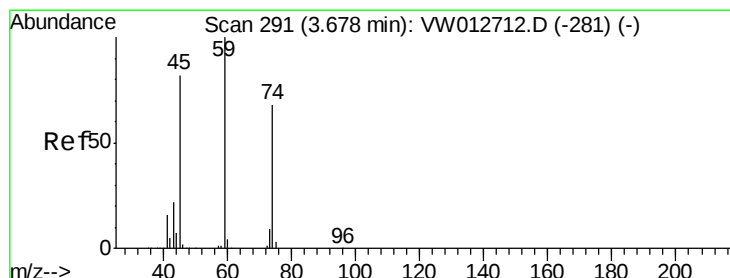
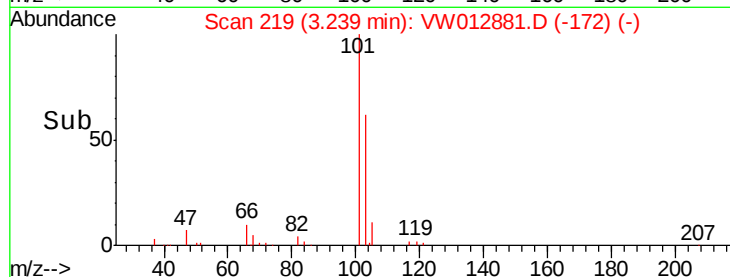
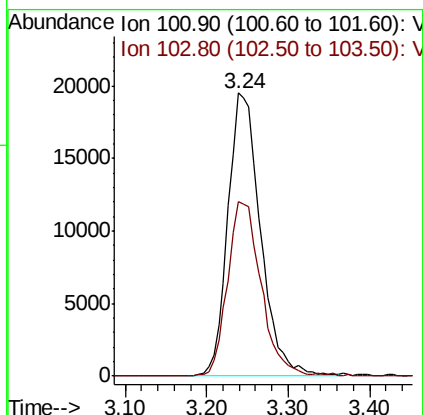
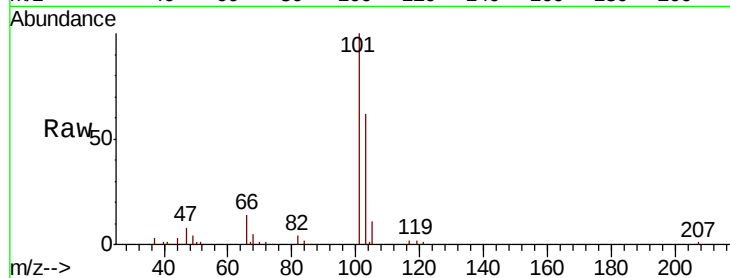


#7

Trichlorofluoromethane
 Concen: 48.979 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW012881.D
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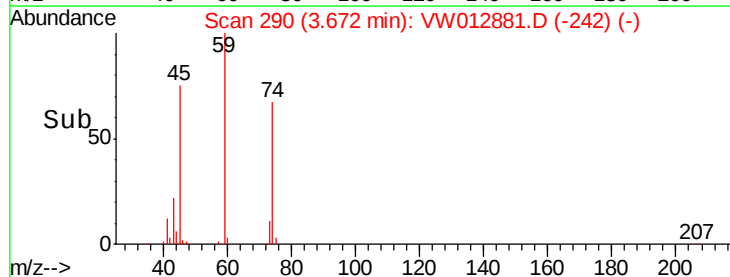
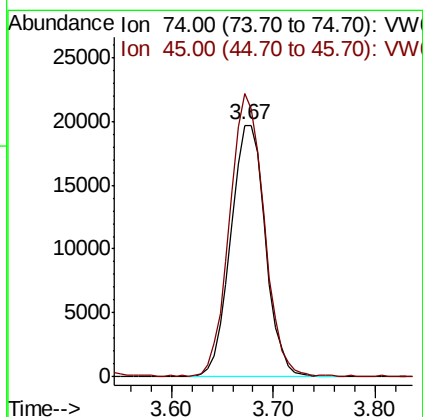
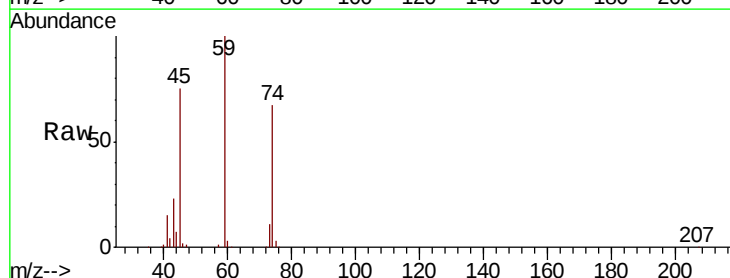
Tgt Ion: 101 Resp: 53839
 Ion Ratio Lower Upper
 101 100
 103 61.9 49.0 73.4

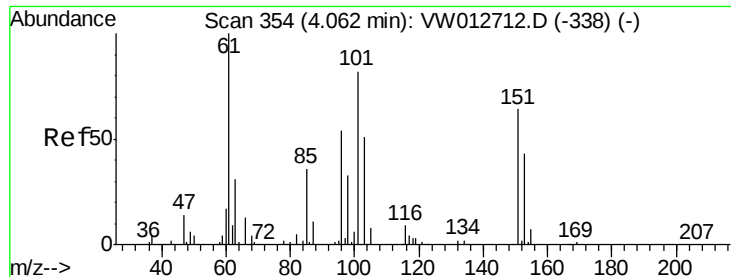


#8

Diethyl Ether
 Concen: 50.211 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion: 74 Resp: 46388
 Ion Ratio Lower Upper
 74 100
 45 112.4 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.213 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

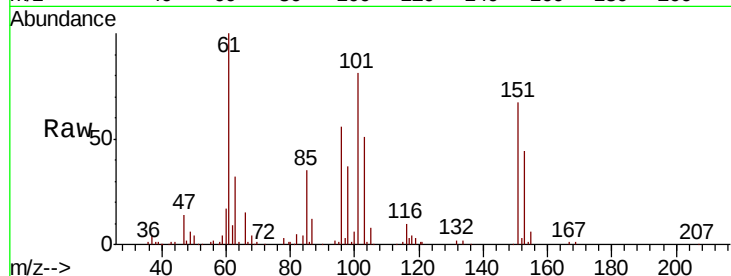
Tgt Ion:101 Resp: 86618

Ion Ratio Lower Upper

101 100

85 44.3 36.2 54.2

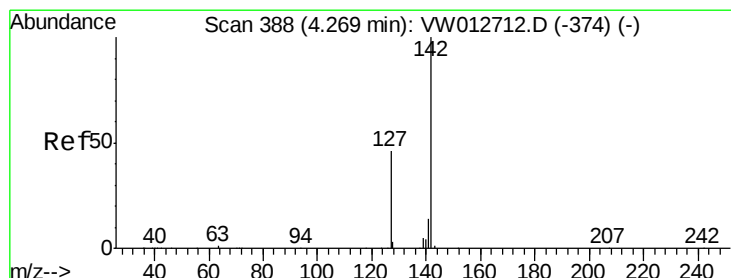
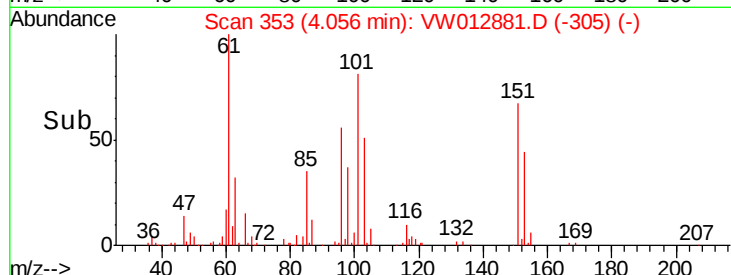
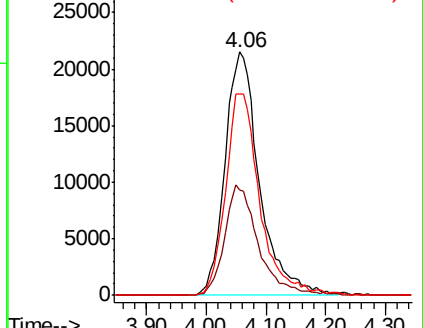
151 81.2 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.077 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

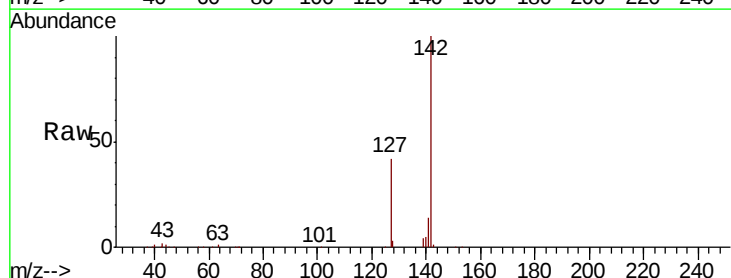
Tgt Ion:142 Resp: 113087

Ion Ratio Lower Upper

142 100

127 42.2 36.0 54.0

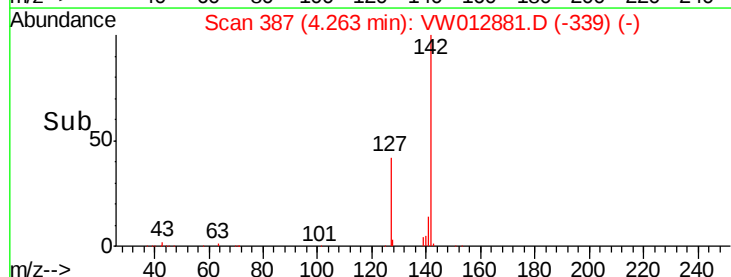
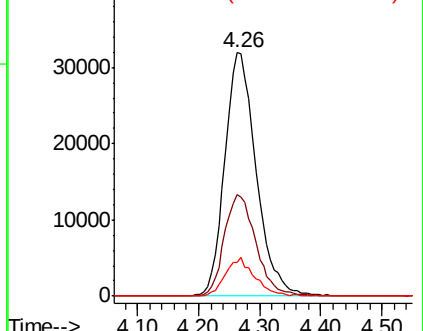
141 14.8 12.2 18.4

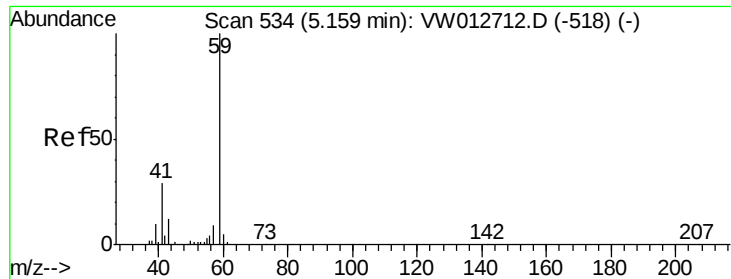


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

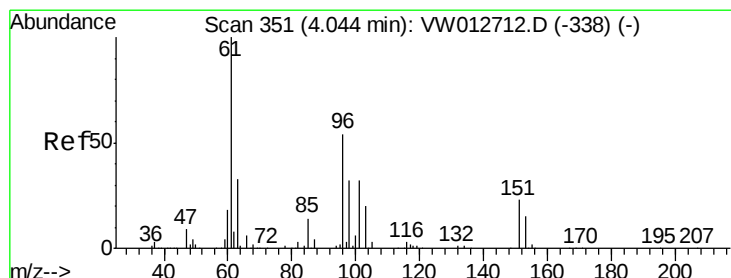
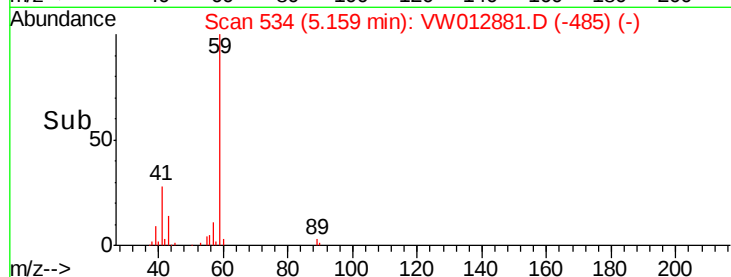
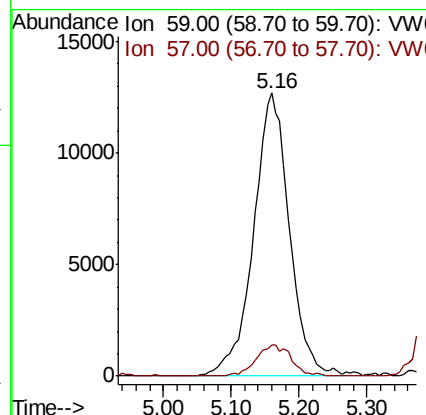
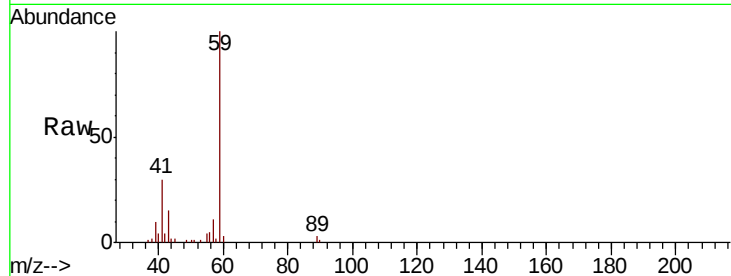




#11
Tert butyl alcohol
Concen: 276.258 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

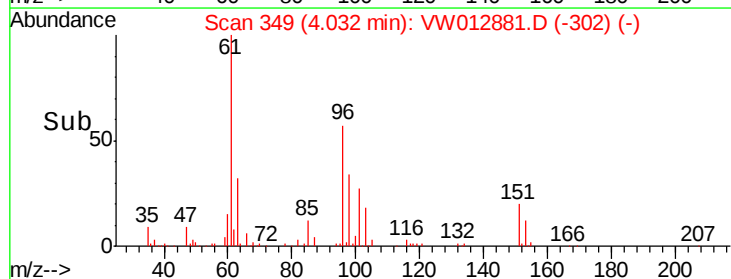
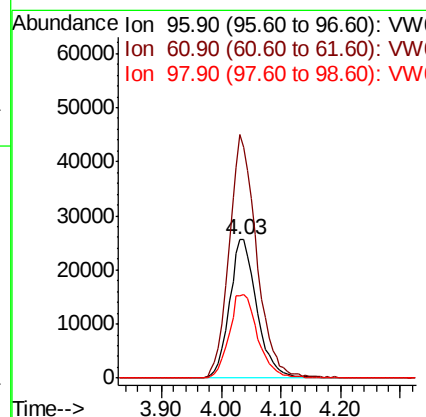
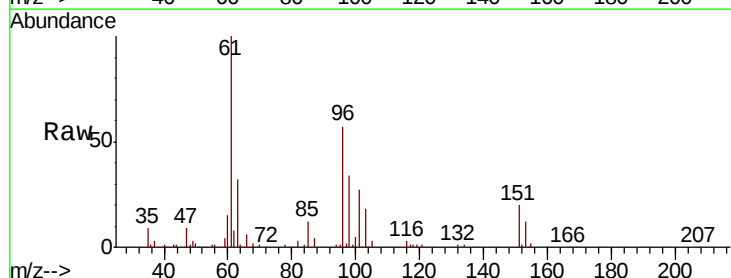
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

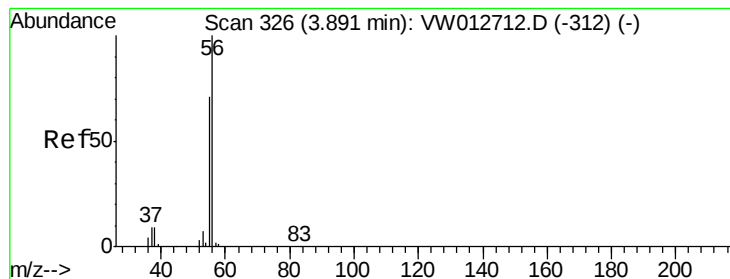
Tgt Ion: 59 Resp: 46568
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.262 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion: 96 Resp: 81845
Ion Ratio Lower Upper
96 100
61 175.8 147.8 221.6
98 59.7 47.9 71.9





#13

Acrolein

Concen: 257.015 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

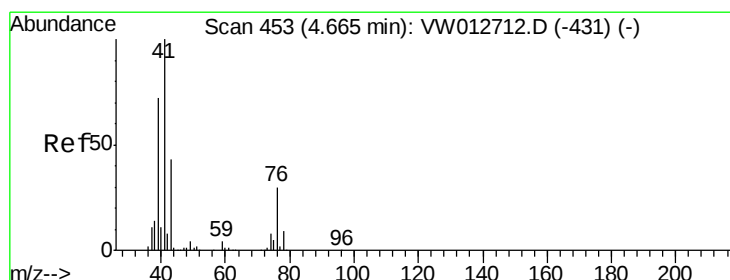
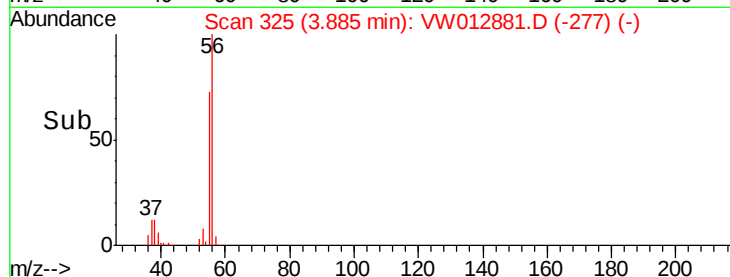
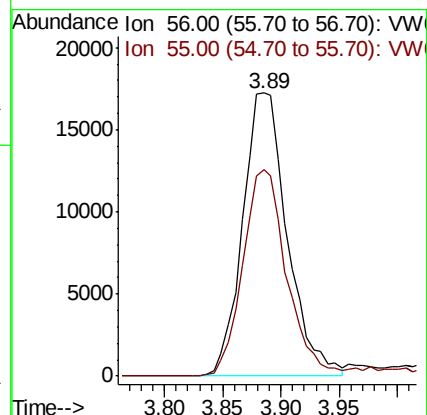
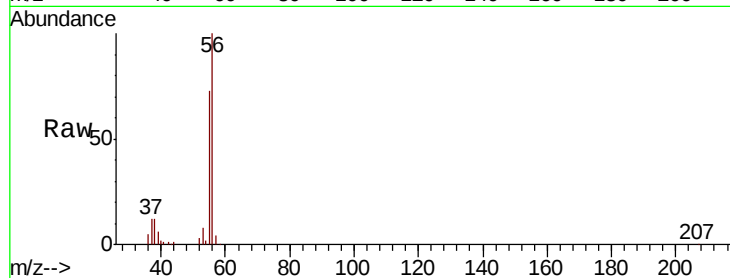
VSTDCCC050EC

Tgt Ion: 56 Resp: 45975

Ion Ratio Lower Upper

56 100

55 71.6 56.9 85.3



#14

Allyl chloride

Concen: 45.673 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

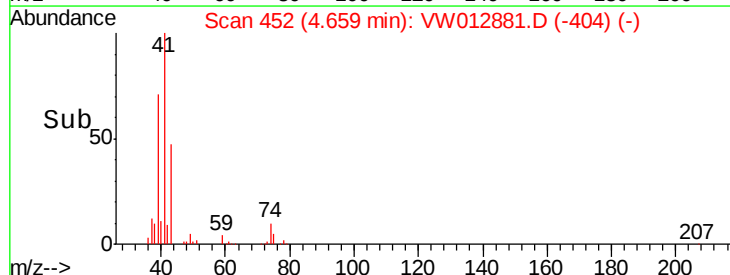
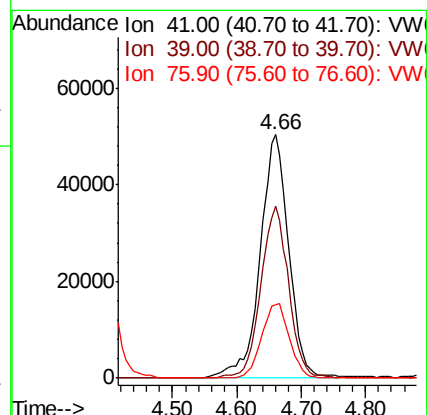
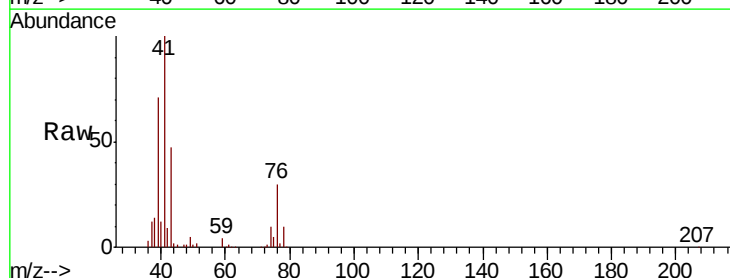
Tgt Ion: 41 Resp: 153852

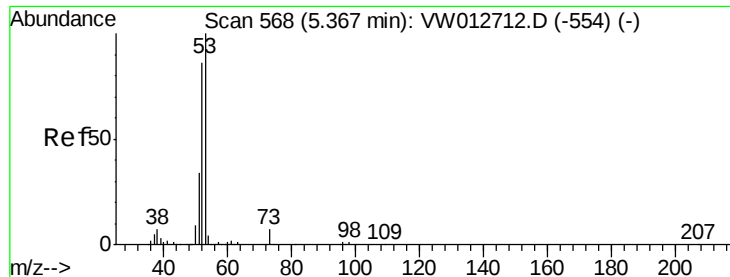
Ion Ratio Lower Upper

41 100

39 68.5 55.0 82.6

76 29.6 23.0 34.4





#15

Acrylonitrile

Concen: 258.904 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

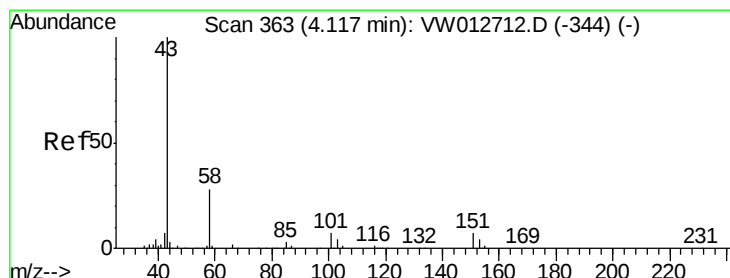
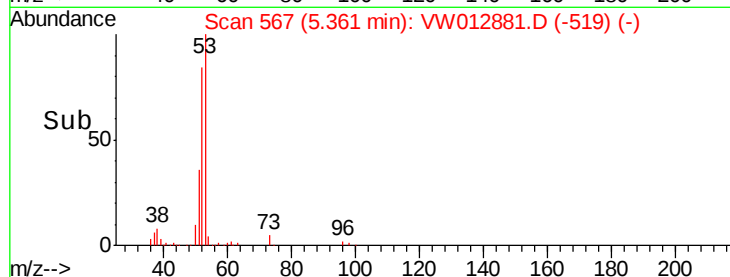
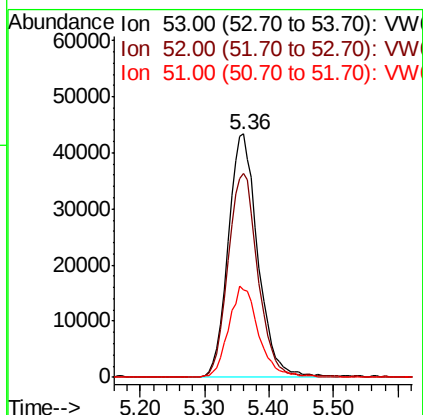
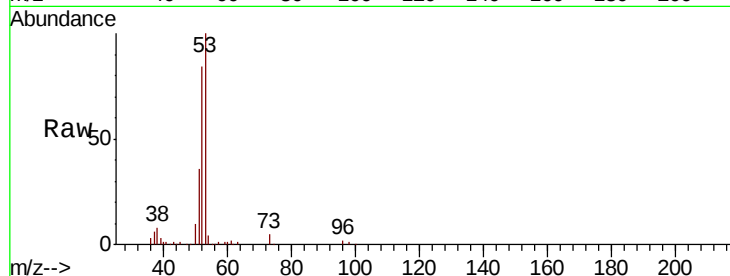
Tgt Ion: 53 Resp: 139706

Ion Ratio Lower Upper

53 100

52 84.3 67.0 100.4

51 37.9 29.8 44.8



#16

Acetone

Concen: 218.177 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012881.D

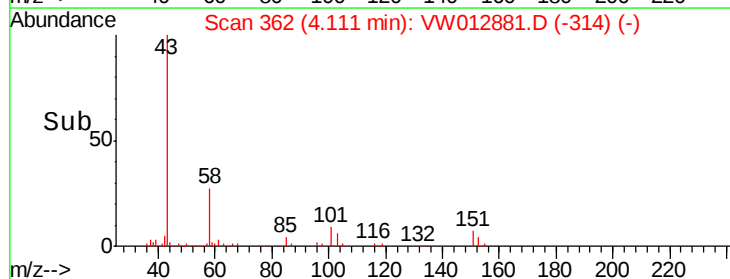
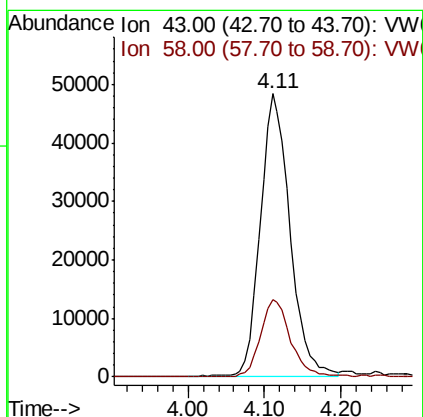
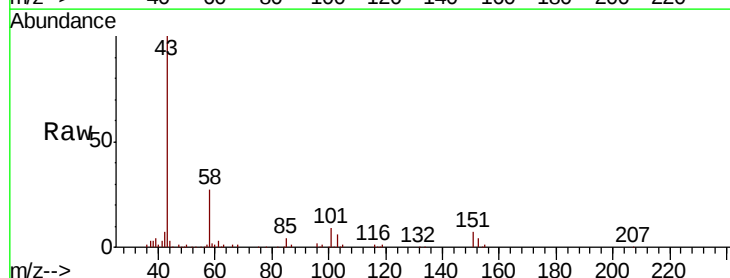
Acq: 10 Sep 2019 19:50

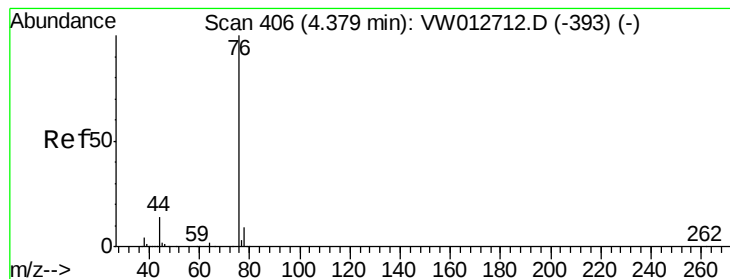
Tgt Ion: 43 Resp: 131044

Ion Ratio Lower Upper

43 100

58 27.2 22.6 33.8





#17

Carbon Disulfide

Concen: 44.040 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

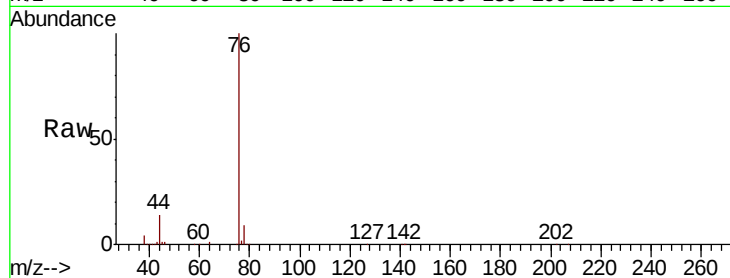
VSTDCCC050EC

Tgt Ion: 76 Resp: 152222

Ion Ratio Lower Upper

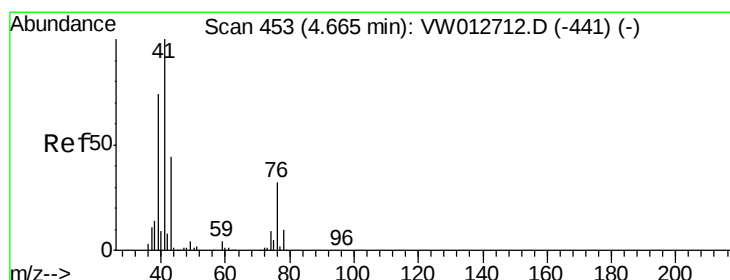
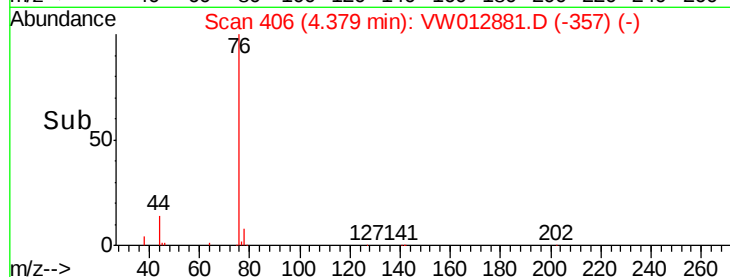
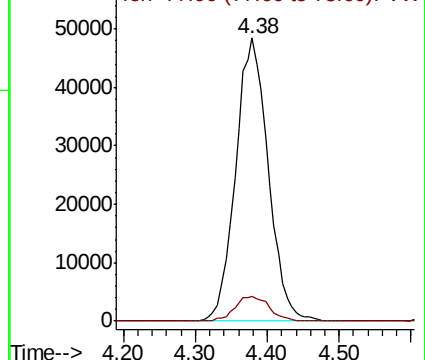
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 50.698 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012881.D

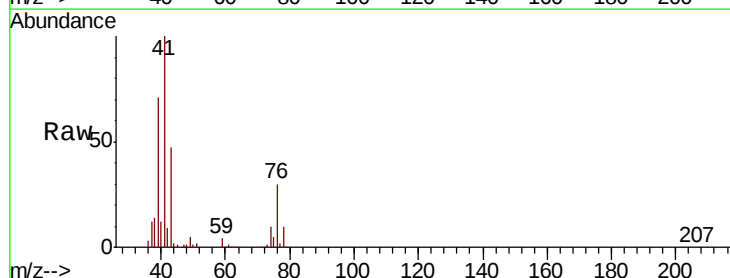
Acq: 10 Sep 2019 19:50

Tgt Ion: 43 Resp: 71443

Ion Ratio Lower Upper

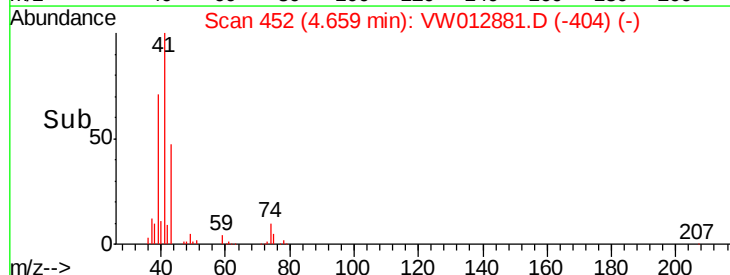
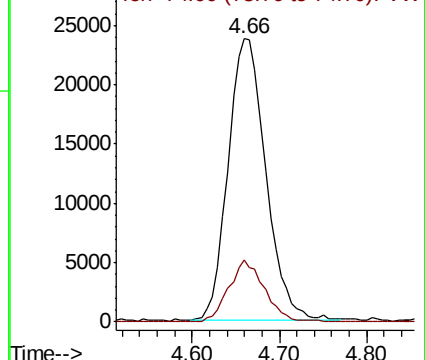
43 100

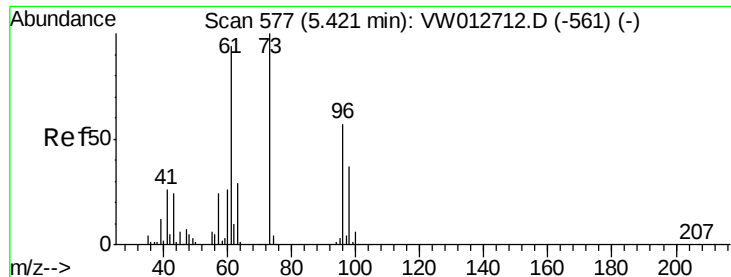
74 20.6 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

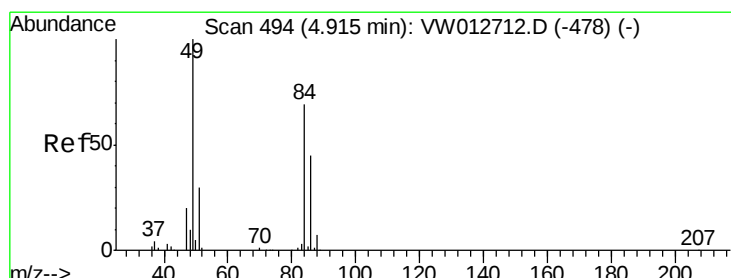
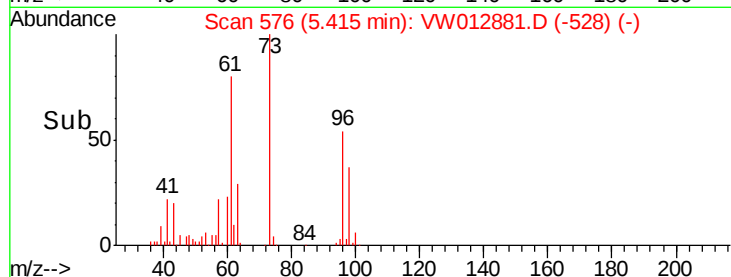
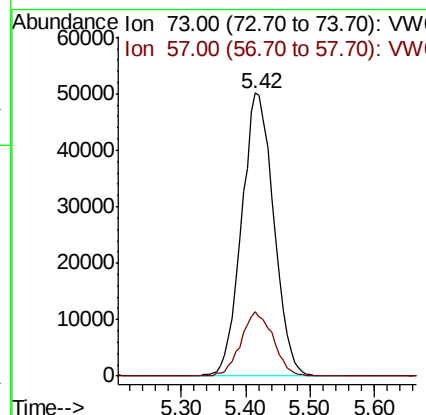
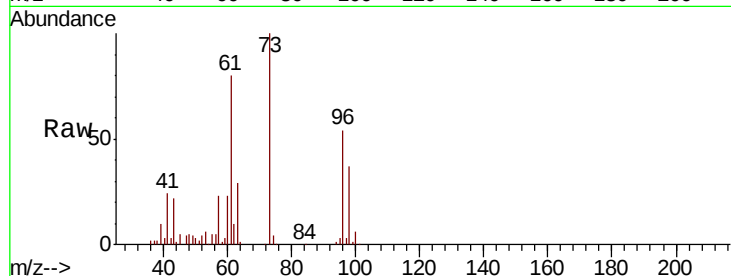




#19
Methyl tert-butyl Ether
Concen: 53.483 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

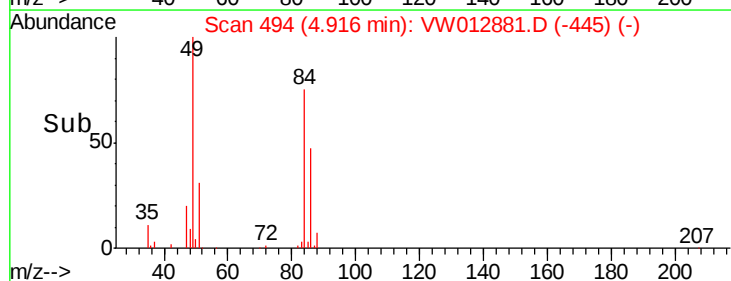
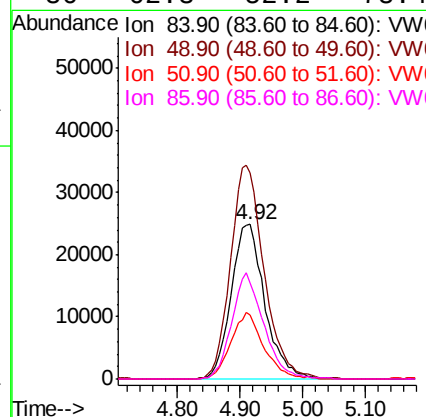
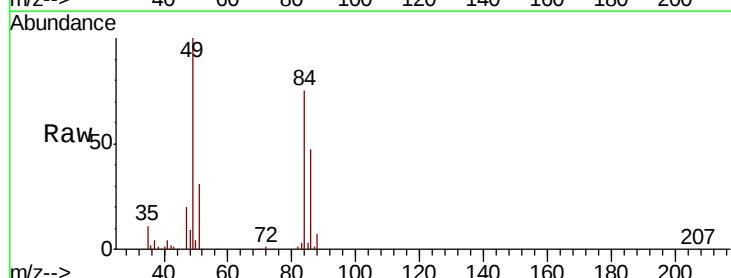
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

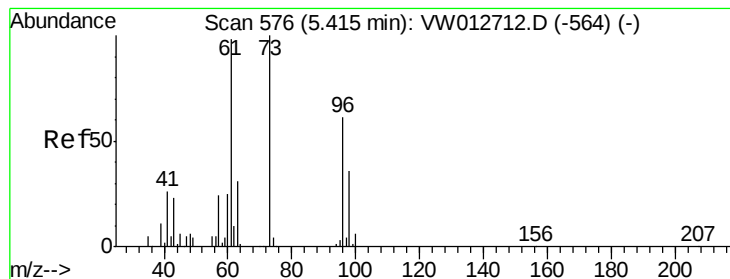
Tgt Ion: 73 Resp: 172719
Ion Ratio Lower Upper
73 100
57 22.7 19.2 28.8



#20
Methylene Chloride
Concen: 49.295 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion: 84 Resp: 92629
Ion Ratio Lower Upper
84 100
49 133.6 115.4 173.0
51 41.6 34.9 52.3
86 62.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.870 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

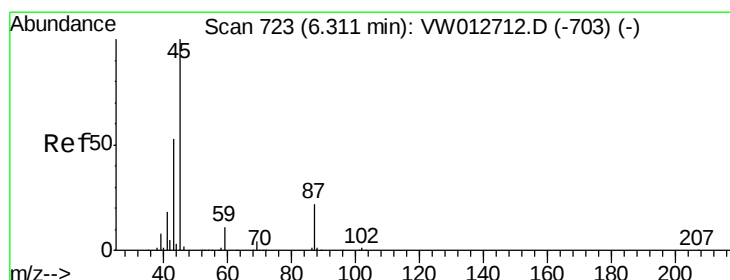
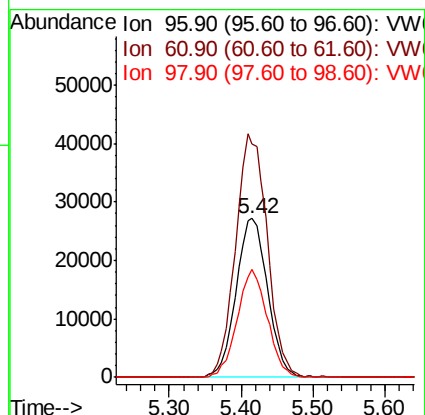
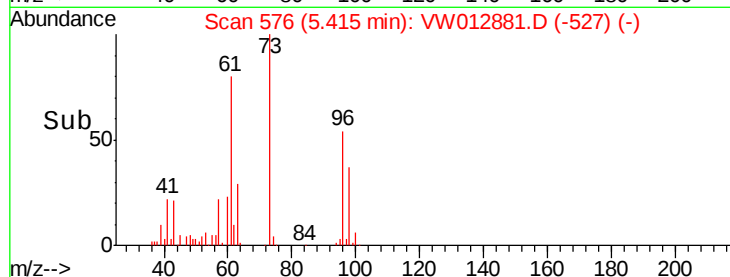
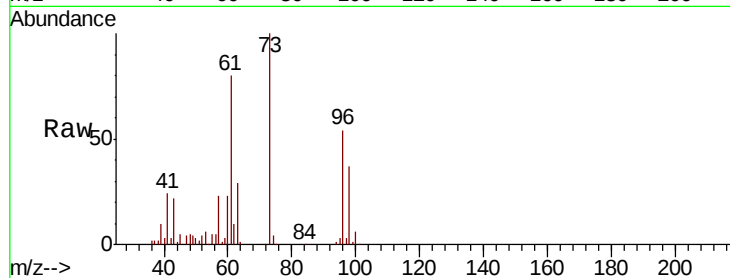
Tgt Ion: 96 Resp: 82861

Ion Ratio Lower Upper

96 100

61 147.3 129.2 193.8

98 67.7 48.0 72.0



#22

Diisopropyl ether

Concen: 50.329 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Tgt Ion: 45 Resp: 336251

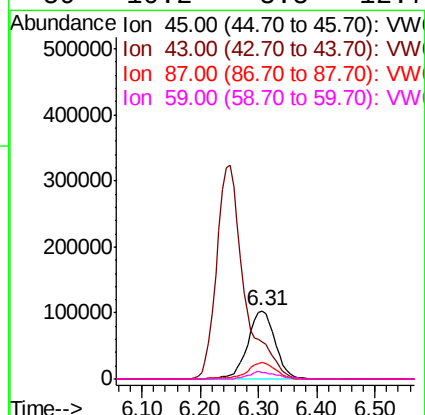
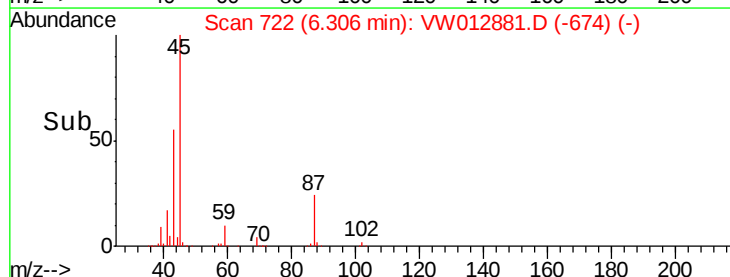
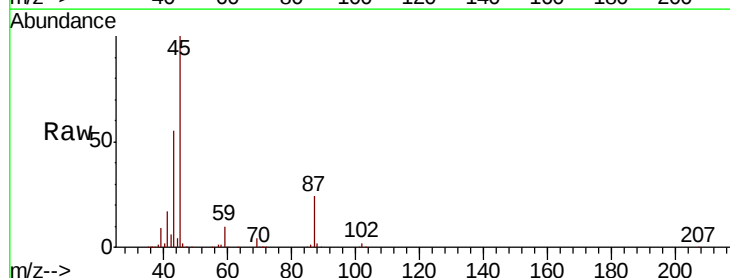
Ion Ratio Lower Upper

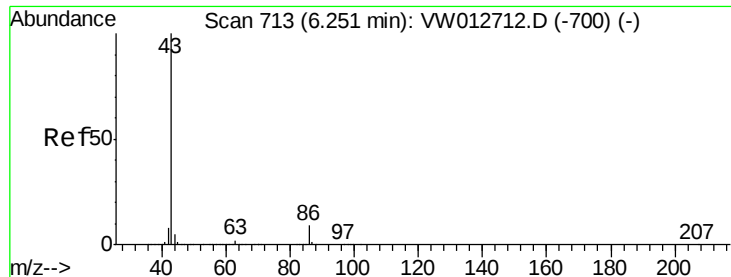
45 100

43 54.4 42.3 63.5

87 24.3 18.2 27.2

59 10.2 8.5 12.7





#23

Vinyl Acetate

Concen: 251.976 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

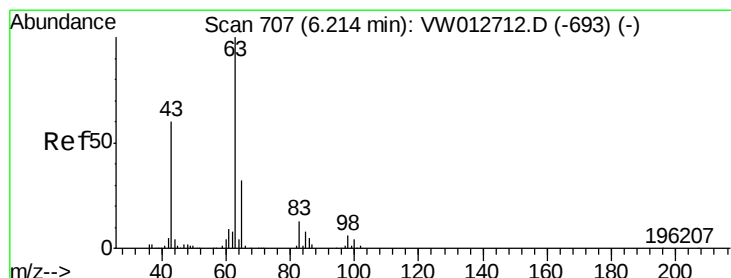
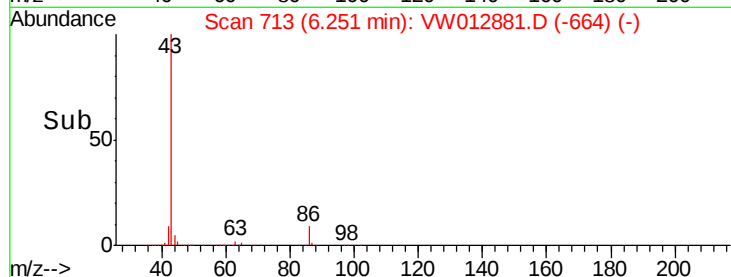
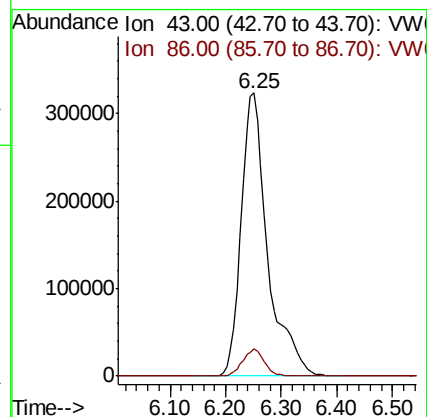
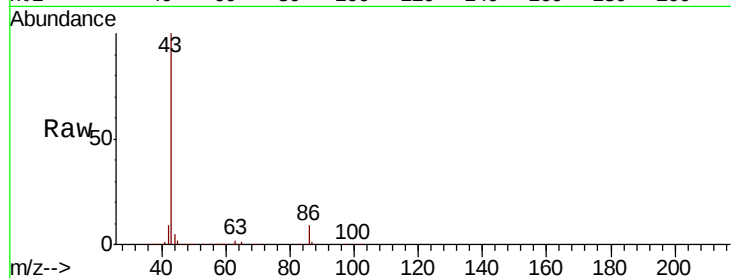
VSTDCCC050EC

Tgt Ion: 43 Resp: 1066884

Ion Ratio Lower Upper

43 100

86 9.5 7.0 10.6



#24

1,1-Dichloroethane

Concen: 49.975 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

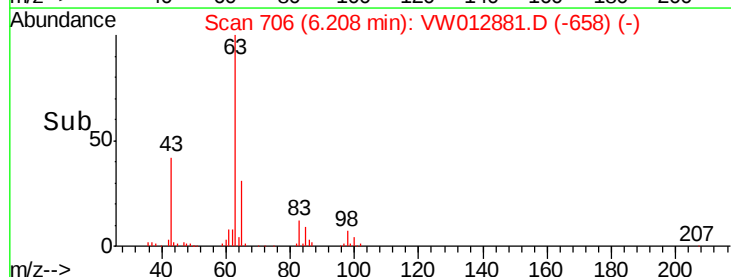
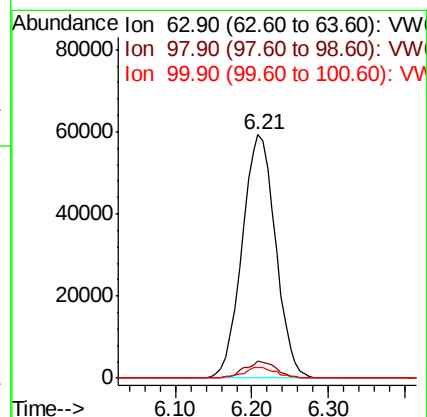
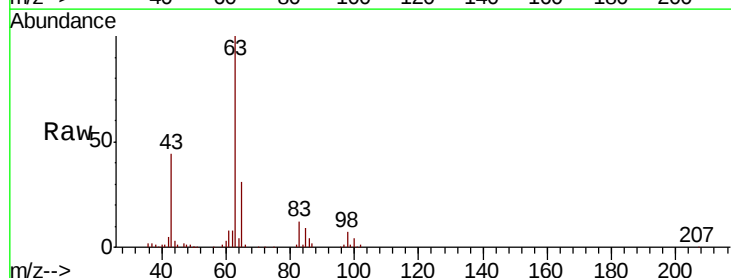
Tgt Ion: 63 Resp: 179777

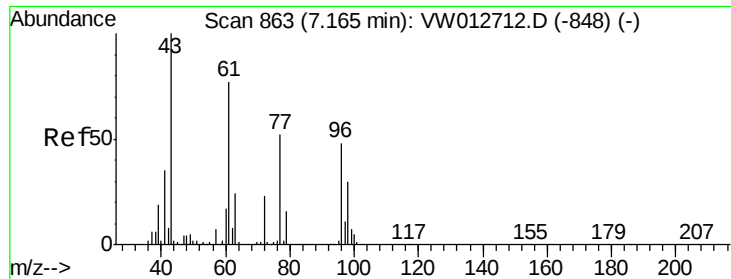
Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.3

100 4.5 1.8 5.5

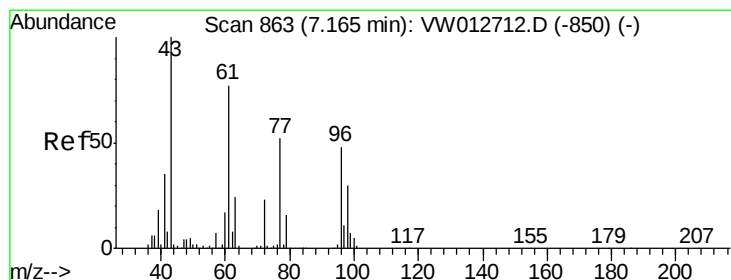
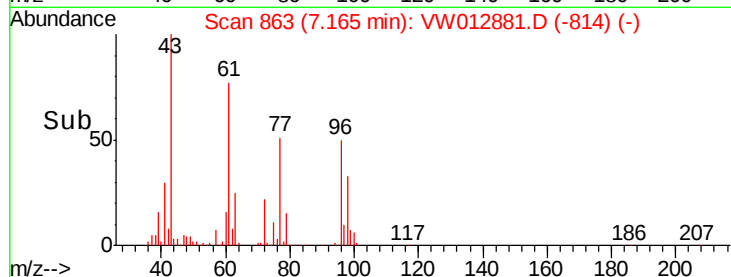
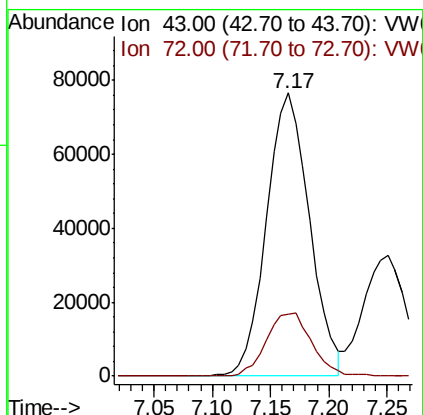
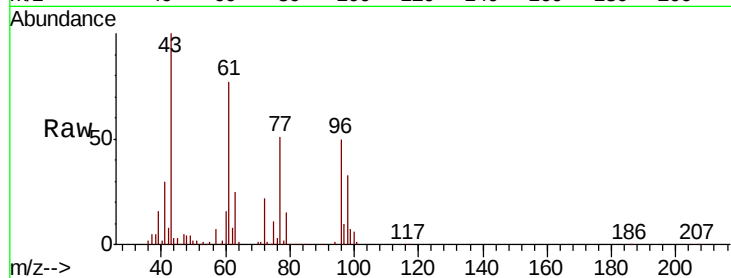




#25
2-Butanone
Concen: 223.230 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

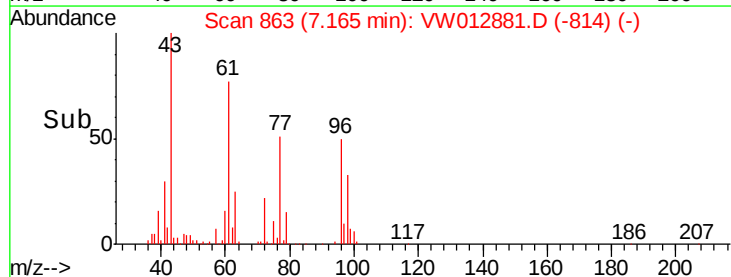
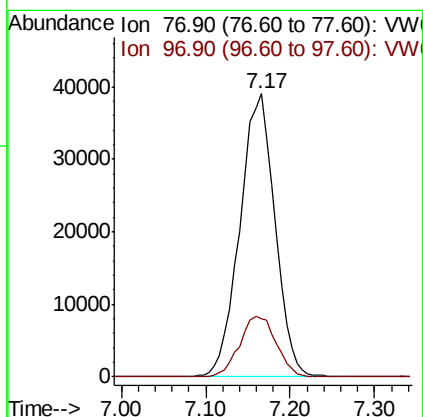
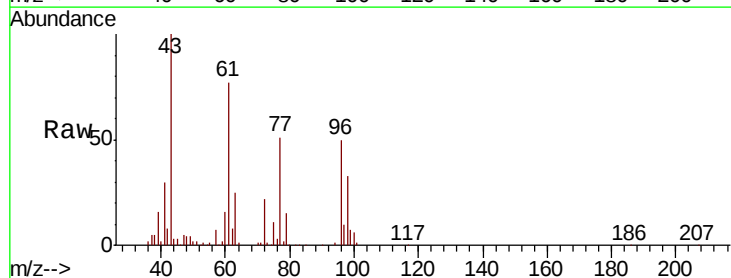
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

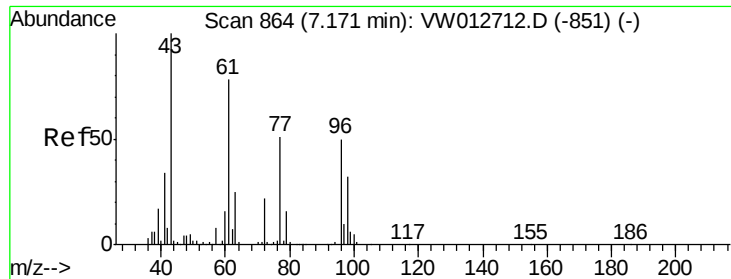
Tgt Ion: 43 Resp: 195397
Ion Ratio Lower Upper
43 100
72 21.9 18.0 27.0



#26
2,2-Dichloropropane
Concen: 48.474 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion: 77 Resp: 110136
Ion Ratio Lower Upper
77 100
97 22.3 10.7 32.1



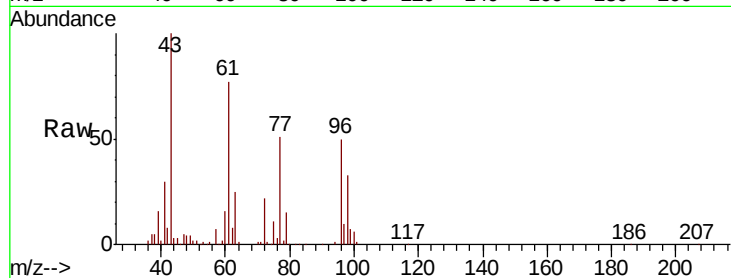


#27

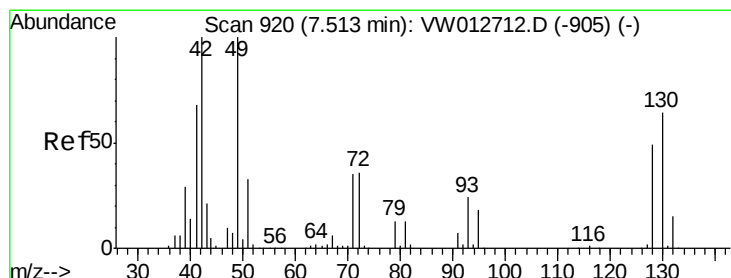
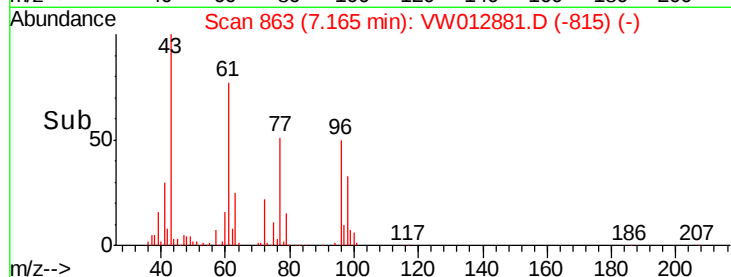
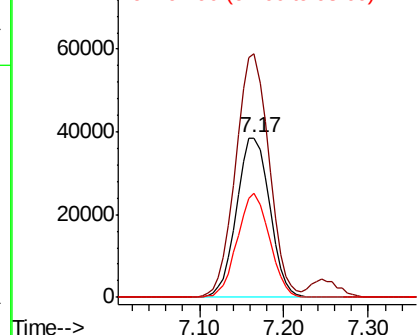
cis-1,2-Dichloroethene
 Concen: 53.533 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	325.8
98	63.3	0.0	127.0



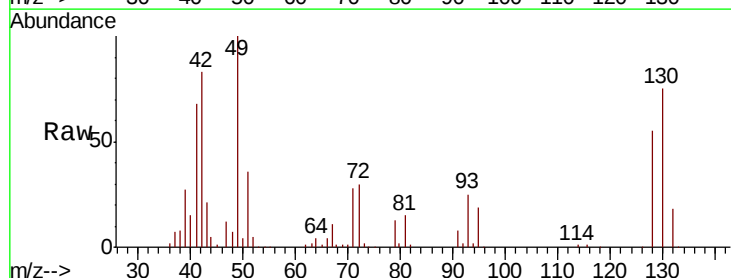
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



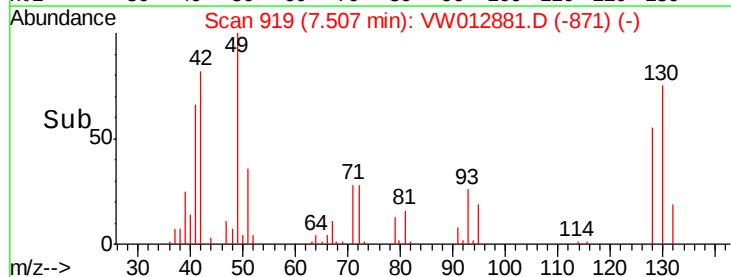
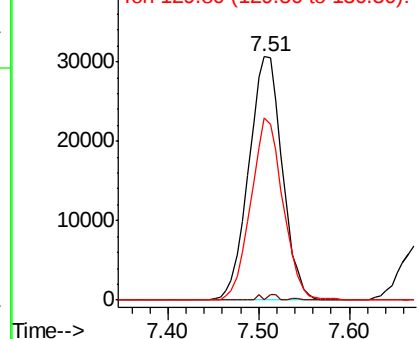
#28

Bromochloromethane
 Concen: 47.336 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	0.8#
130	71.8	49.8	74.8



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

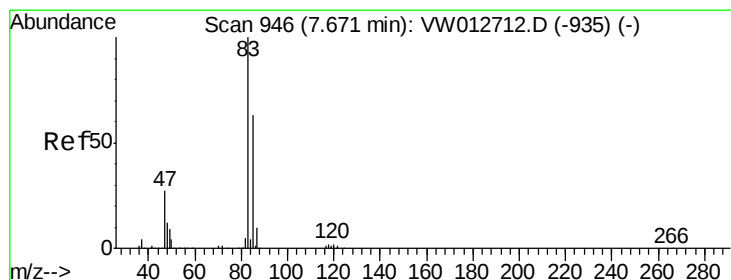
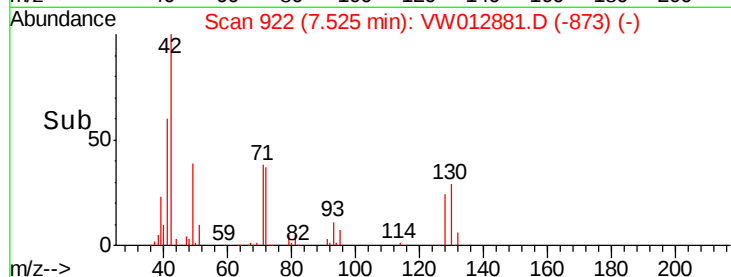
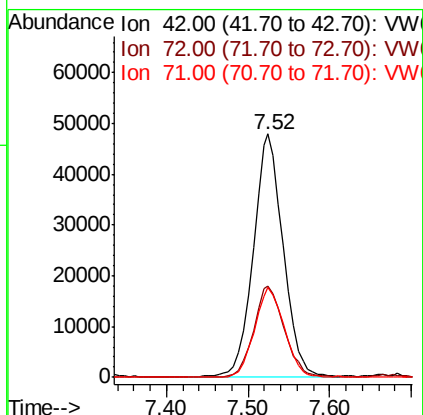
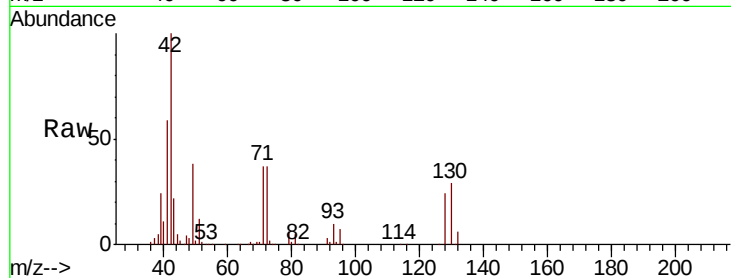




#29
Tetrahydrofuran
Concen: 252.724 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

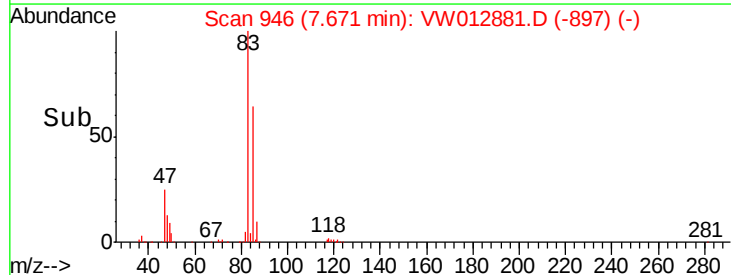
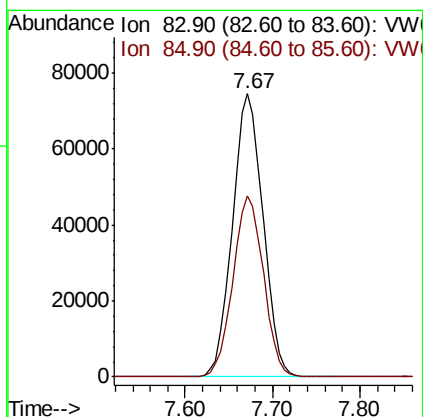
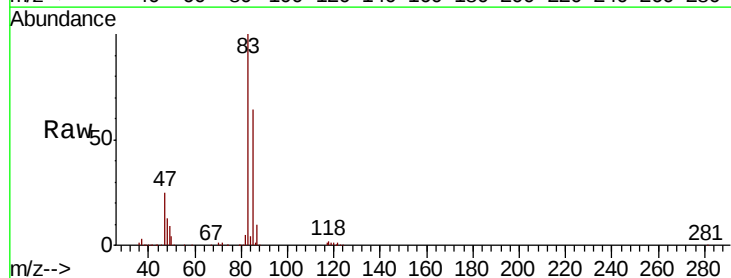
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

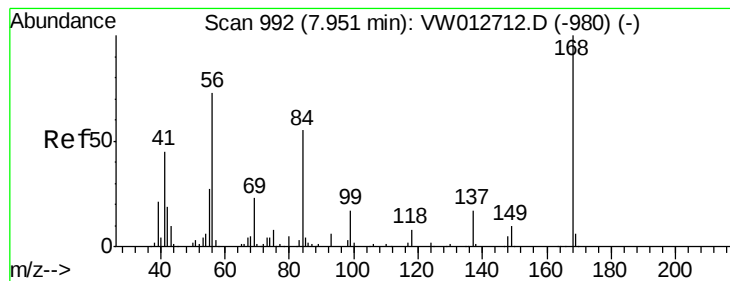
Tgt Ion: 42 Resp: 122580
Ion Ratio Lower Upper
42 100
72 38.1 28.4 42.6
71 36.8 27.1 40.7



#30
Chloroform
Concen: 50.779 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion: 83 Resp: 181036
Ion Ratio Lower Upper
83 100
85 63.9 50.6 76.0





#31

Cyclohexane

Concen: 44.132 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

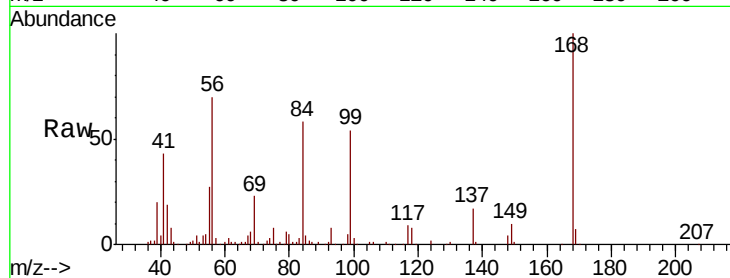
Tgt Ion: 56 Resp: 142925

Ion Ratio Lower Upper

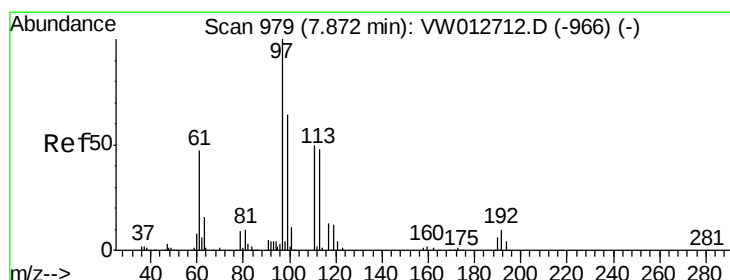
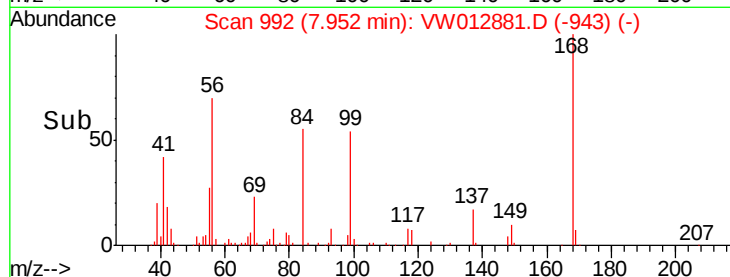
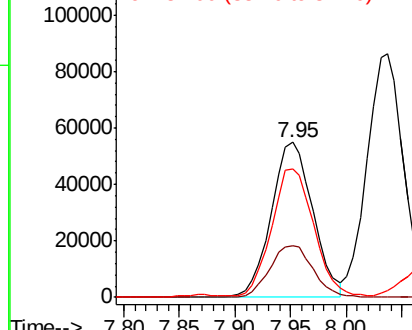
56 100

69 33.7 25.7 38.5

84 81.8 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: 50.829 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

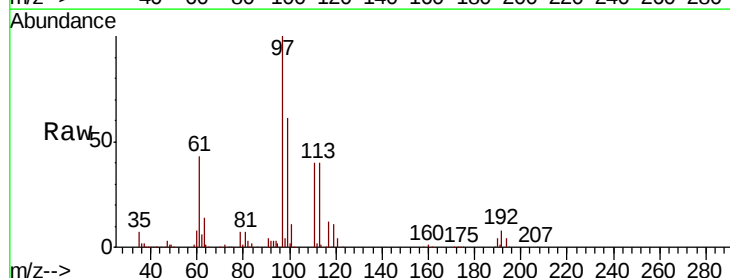
Tgt Ion: 97 Resp: 146891

Ion Ratio Lower Upper

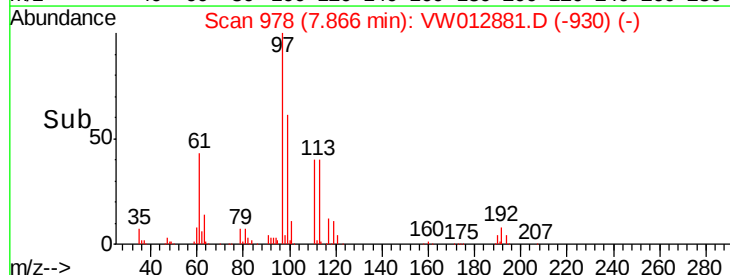
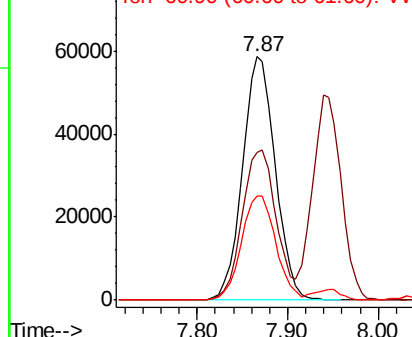
97 100

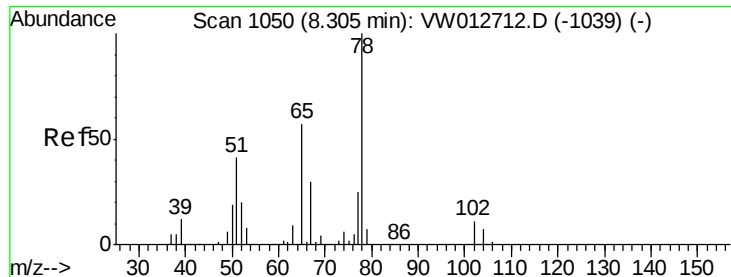
99 64.5 51.5 77.3

61 44.9 37.9 56.9



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





#33

1,2-Dichloroethane-d4

Concen: 47.818 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

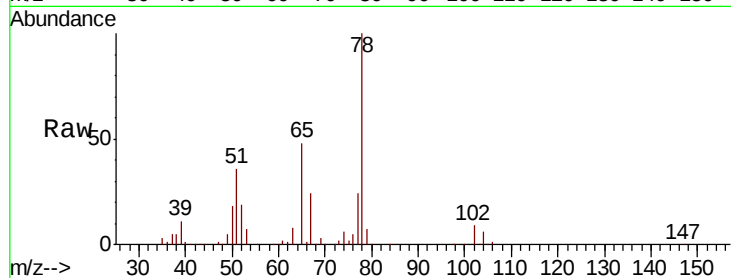
VSTDCCC050EC

Tgt Ion: 65 Resp: 105352

Ion Ratio Lower Upper

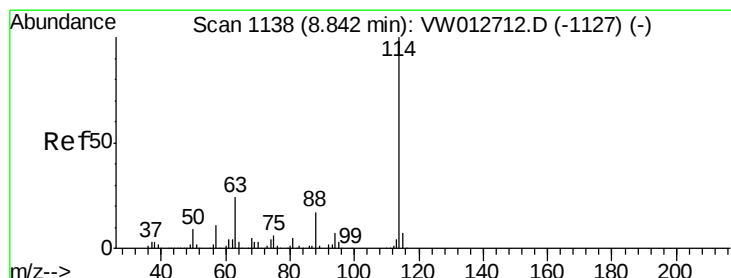
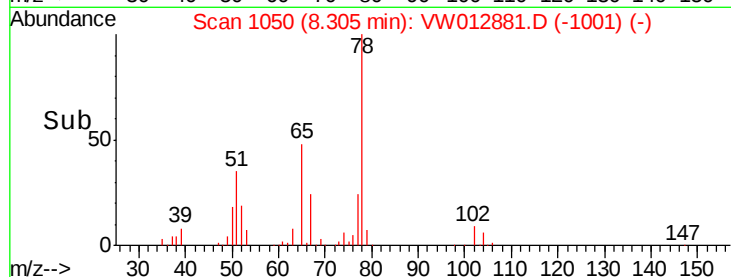
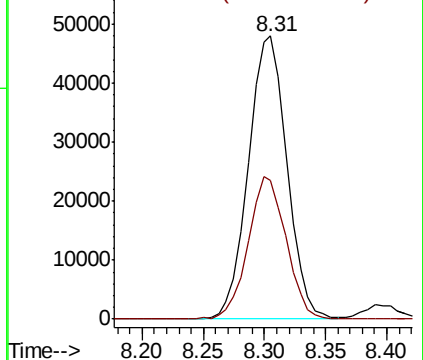
65 100

67 49.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

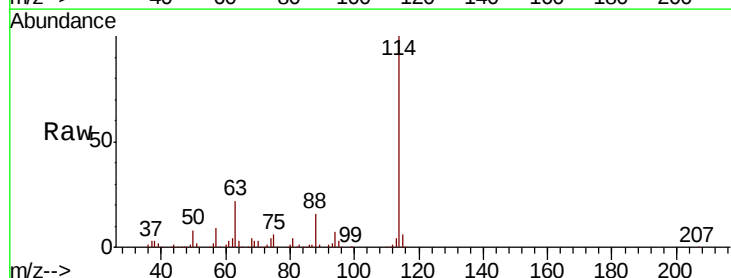
Tgt Ion: 114 Resp: 291748

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.2

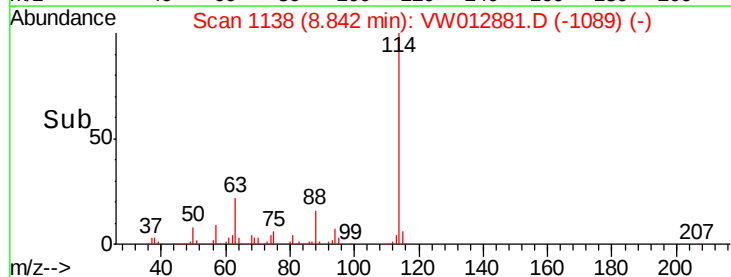
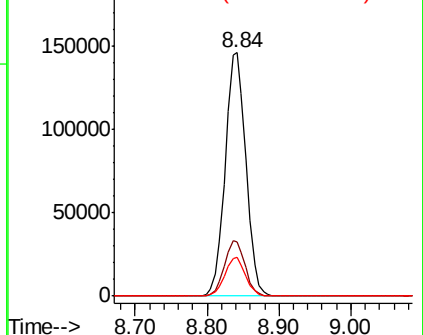
88 16.0 0.0 34.0

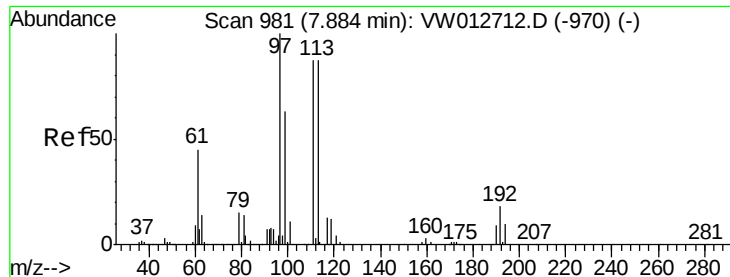


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

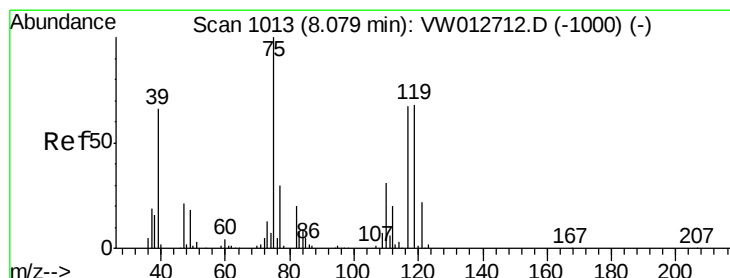
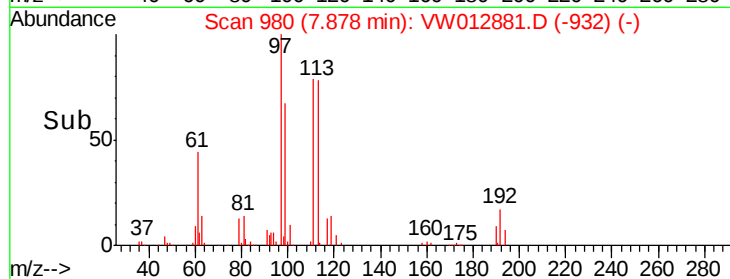
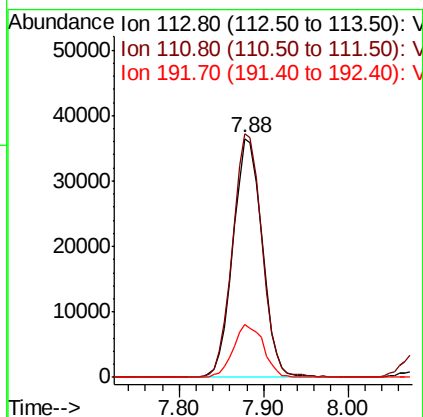
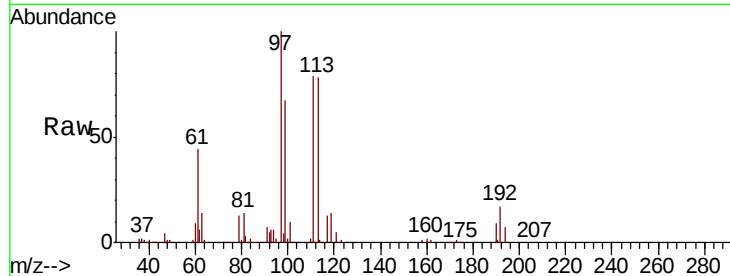




#35
 Dibromofluoromethane
 Concen: 49.111 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

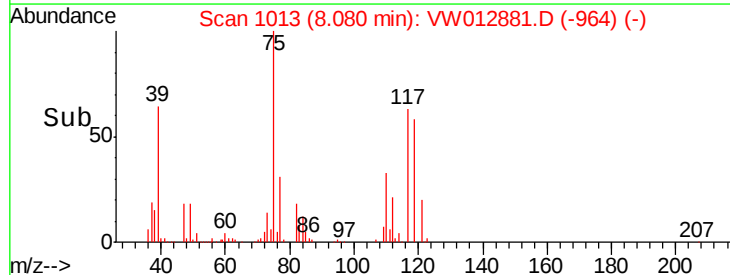
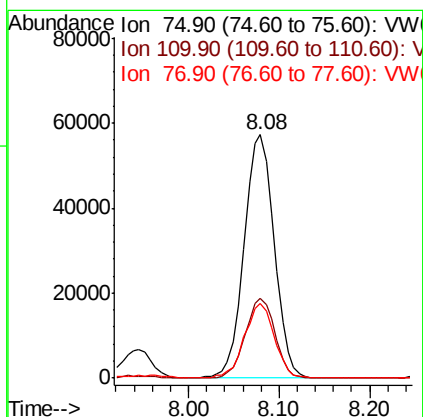
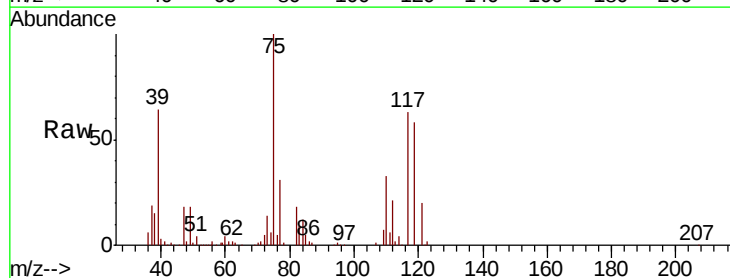
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

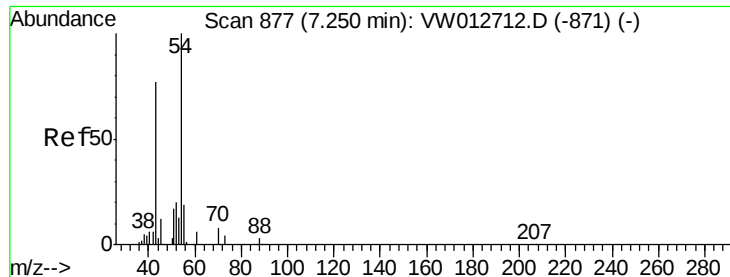
Tgt Ion: 113 Resp: 85185
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.2 120.4
 192 22.6 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 50.899 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion: 75 Resp: 131943
 Ion Ratio Lower Upper
 75 100
 110 32.4 15.9 47.7
 77 30.6 25.0 37.4

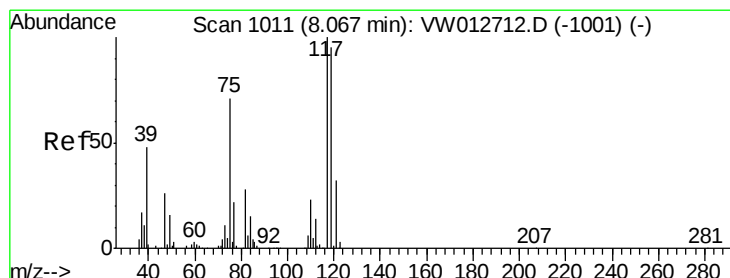
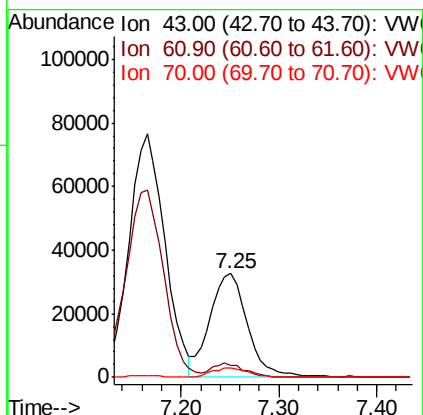
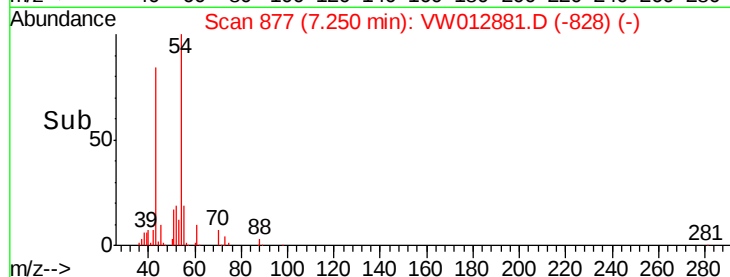
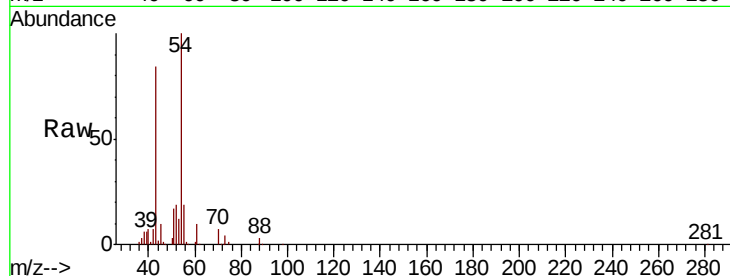




#37
Ethyl Acetate
Concen: 52.352 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

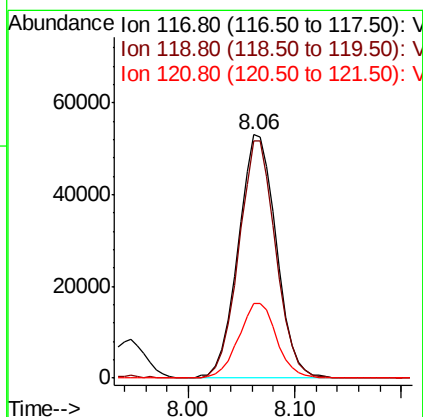
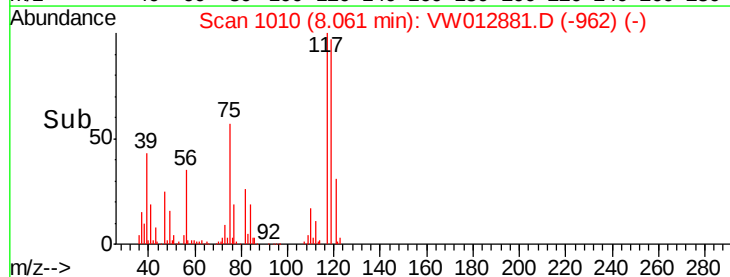
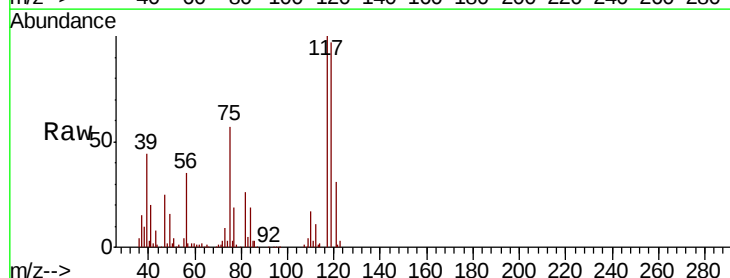
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

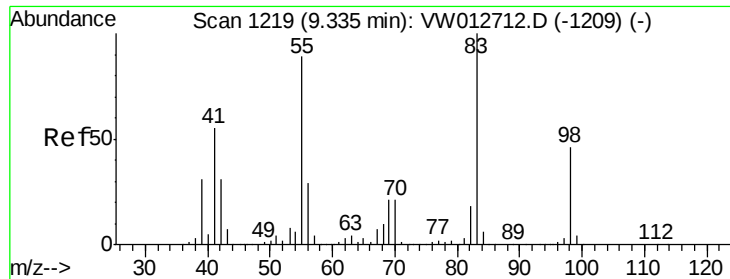
Tgt Ion: 43 Resp: 86511
Ion Ratio Lower Upper
43 100
61 11.9 9.5 14.3
70 9.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 51.945 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion: 117 Resp: 132737
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2
121 30.8 25.4 38.2

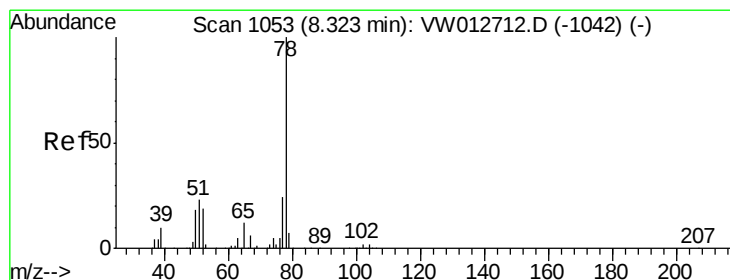
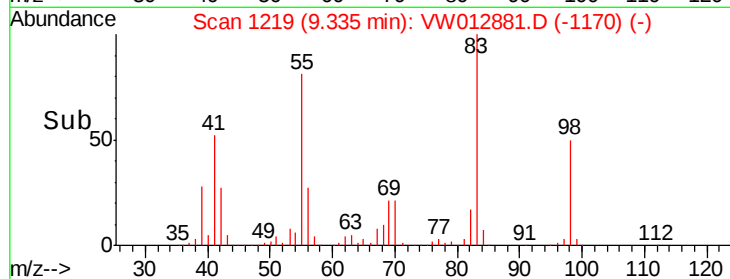
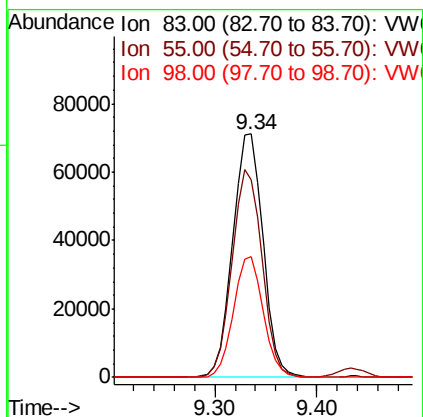
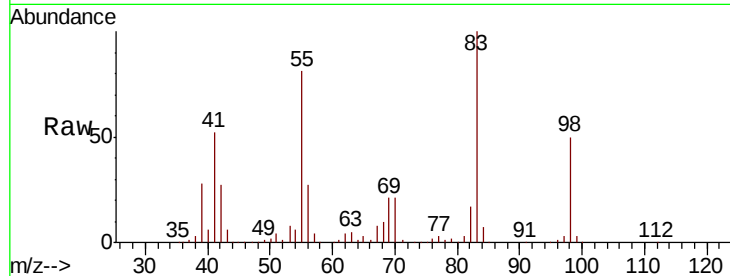




#39
Methylcyclohexane
Concen: 50.493 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

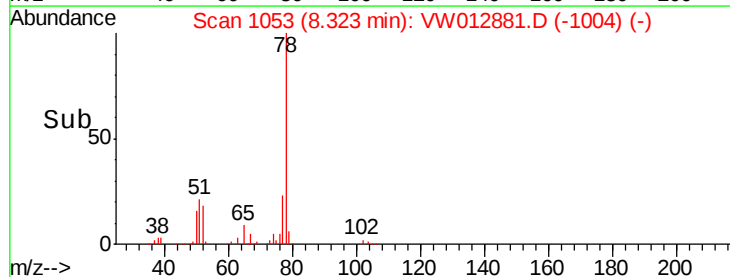
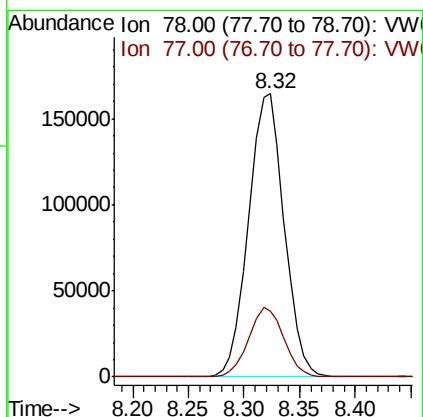
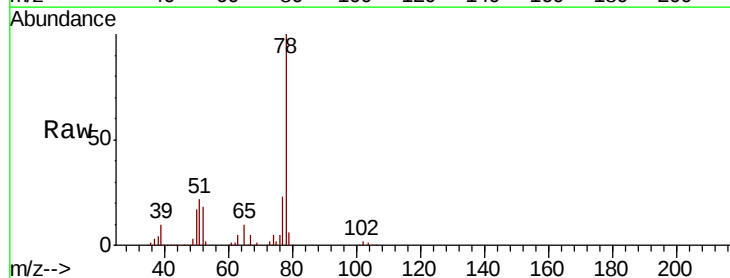
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

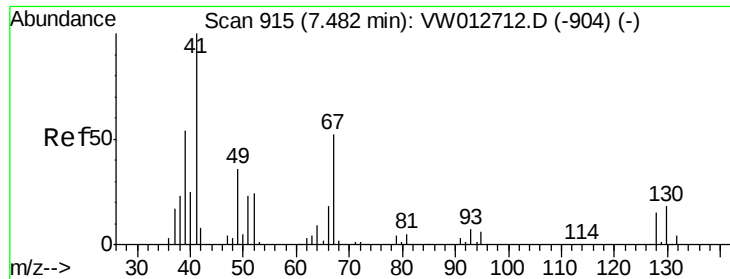
Tgt Ion: 83 Resp: 147007
Ion Ratio Lower Upper
83 100
55 80.9 71.0 106.4
98 49.5 36.9 55.3



#40
Benzene
Concen: 51.044 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion: 78 Resp: 367122
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9

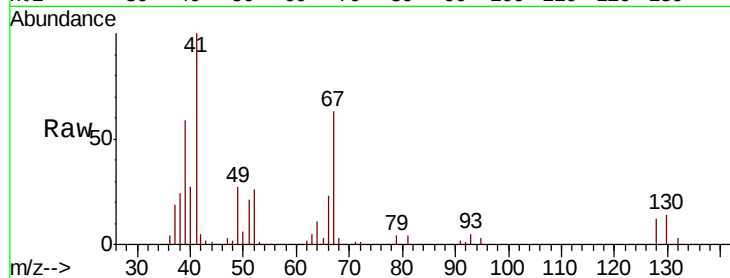




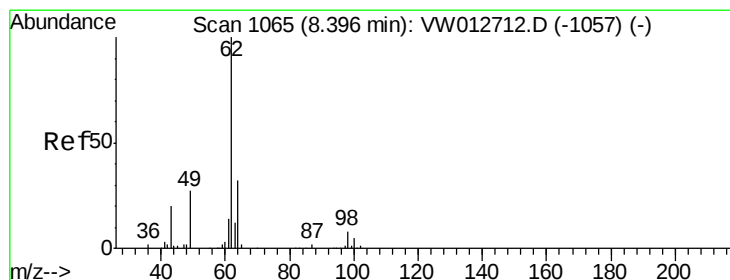
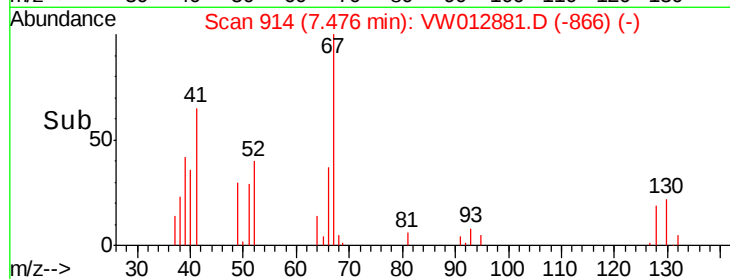
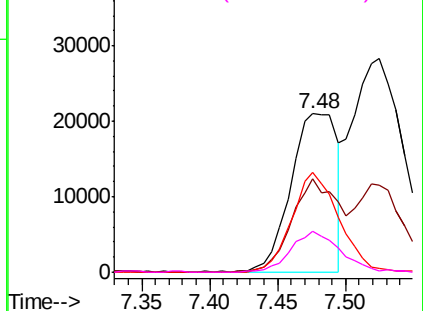
#41
Methacrylonitrile
Concen: 44.687 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	49702
Ion	Ratio	Lower	Upper
41	100		
39	59.6	47.5	71.3
67	64.5	45.1	67.7
52	27.5	20.2	30.2

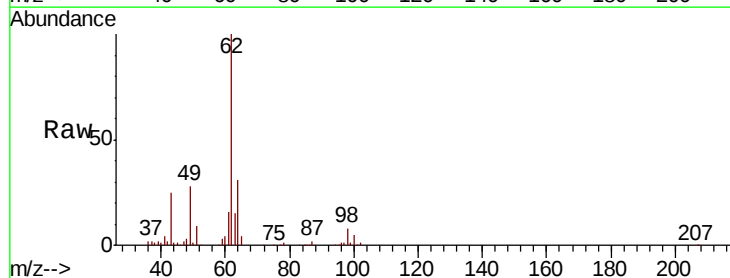


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

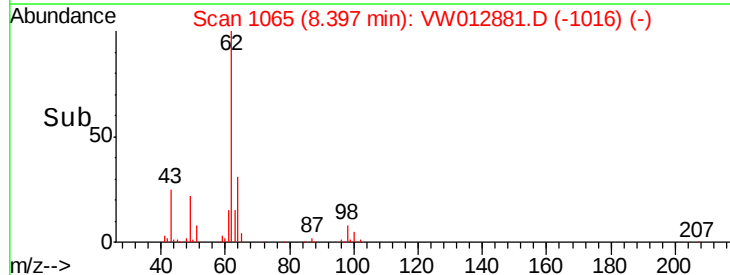
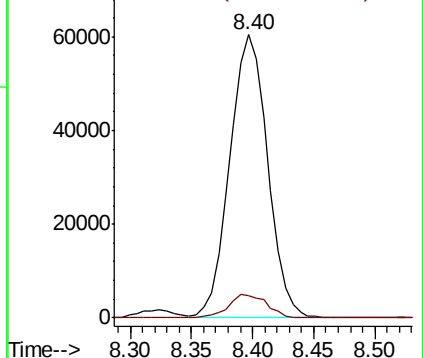


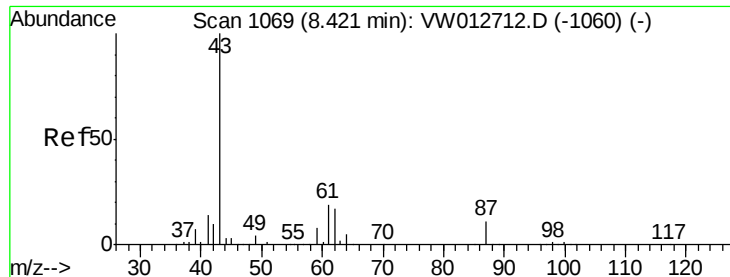
#42
1,2-Dichloroethane
Concen: 50.936 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion:	62	Resp:	128930
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2



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





#43

Isopropyl Acetate

Concen: 52.055 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

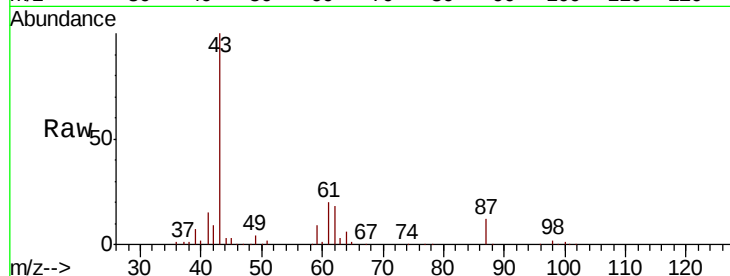
Tgt Ion: 43 Resp: 162971

Ion Ratio Lower Upper

43 100

61 26.7 20.6 30.8

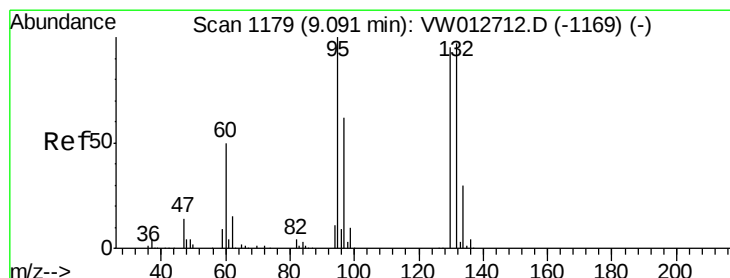
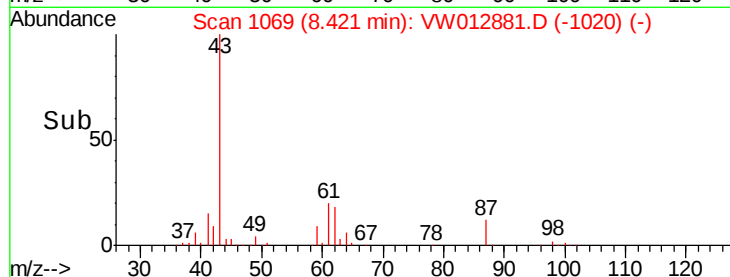
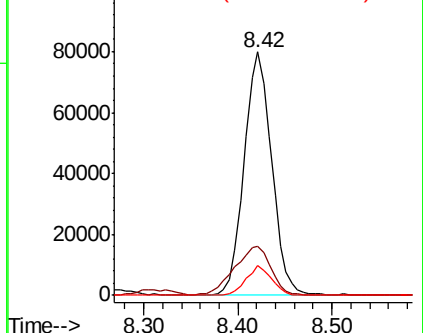
87 11.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 53.423 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012881.D

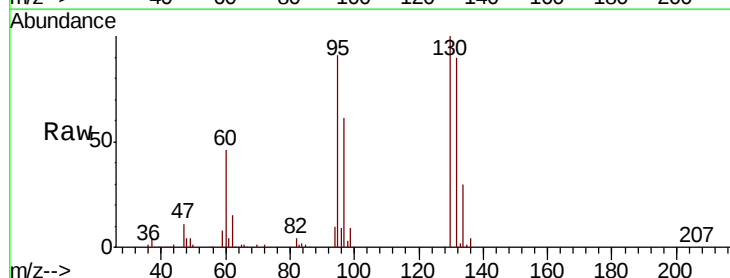
Acq: 10 Sep 2019 19:50

Tgt Ion: 130 Resp: 99043

Ion Ratio Lower Upper

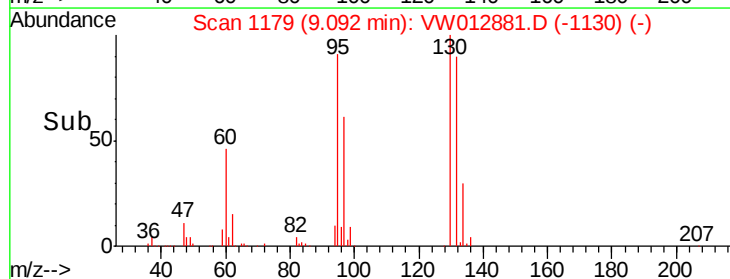
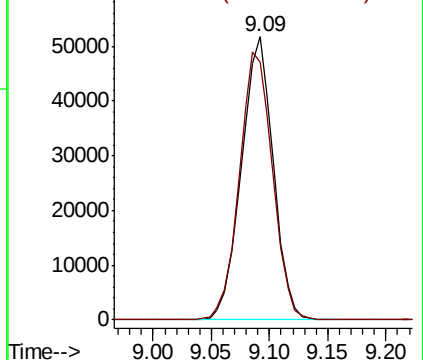
130 100

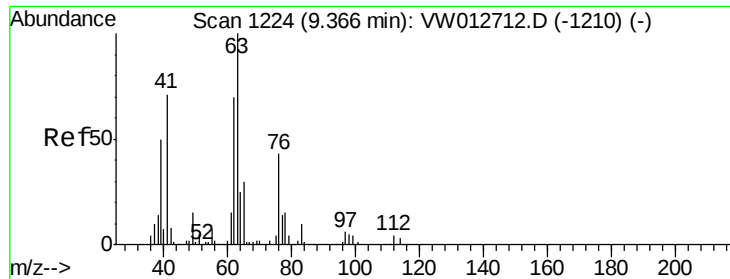
95 91.2 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

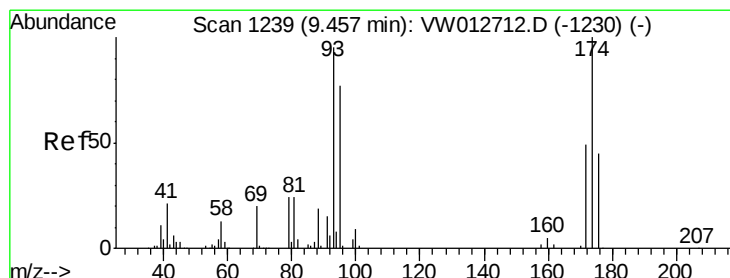
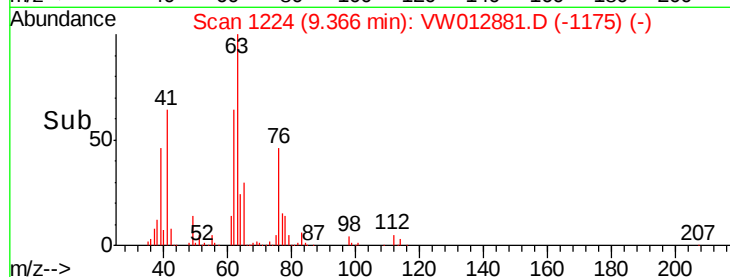
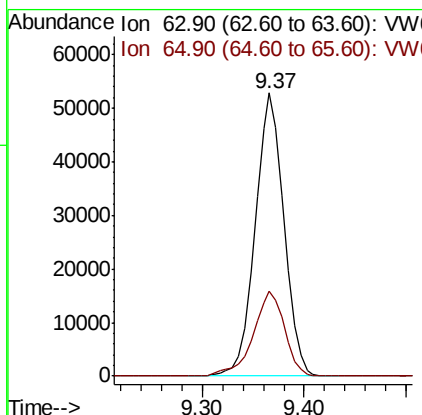
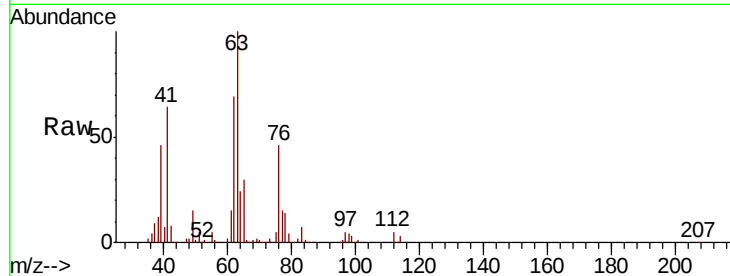




#45
 1,2-Dichloropropane
 Concen: 51.967 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

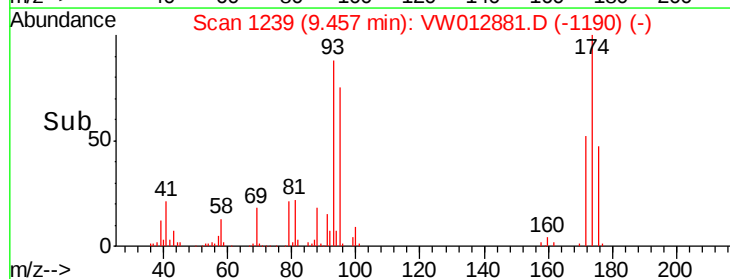
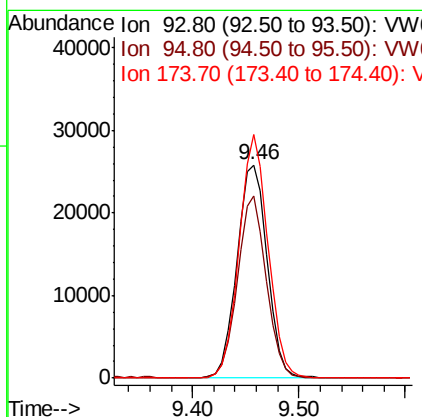
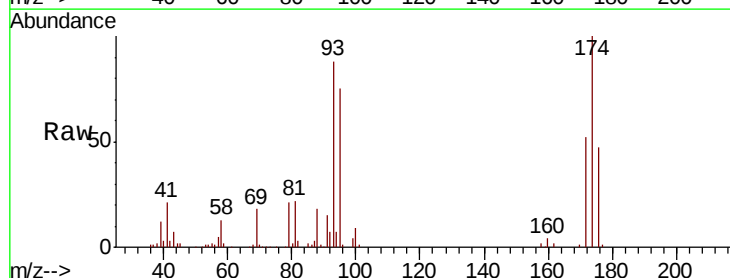
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

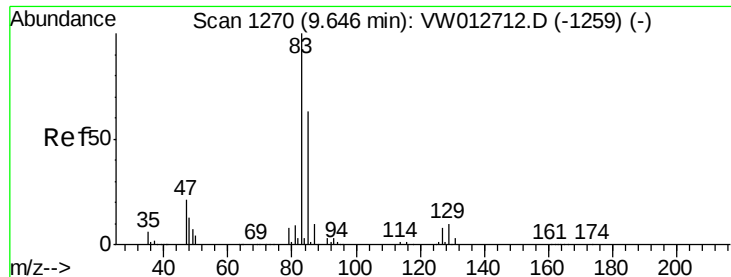
Tgt Ion: 63 Resp: 103664
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.8 35.8



#46
 Dibromomethane
 Concen: 54.598 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion: 93 Resp: 51574
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.2 97.8
 174 108.7 84.2 126.4





#47

Bromodichloromethane

Concen: 52.642 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

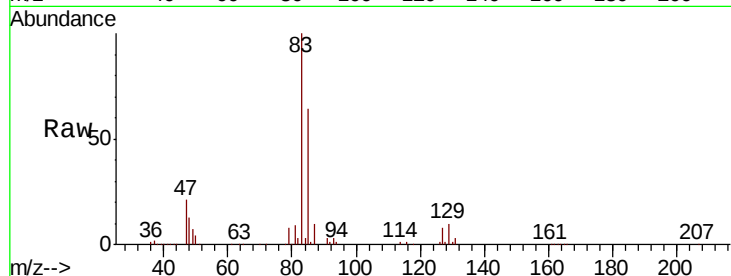
Tgt Ion: 83 Resp: 136808

Ion Ratio Lower Upper

83 100

85 63.8 50.2 75.2

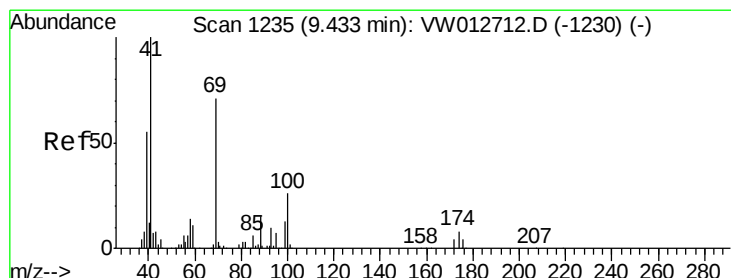
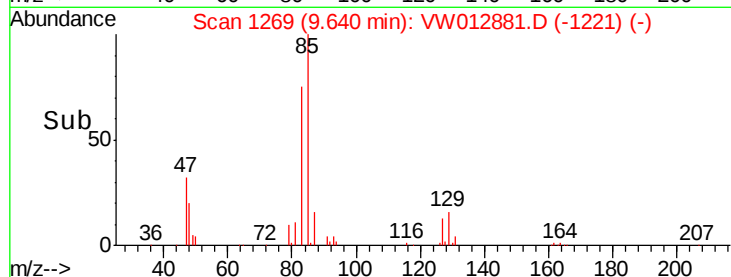
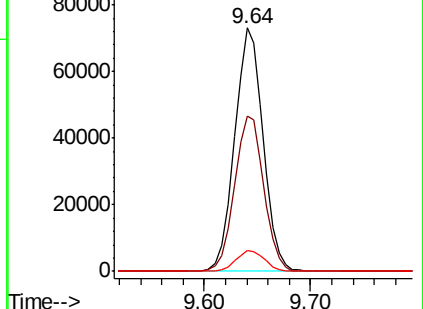
127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 50.374 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

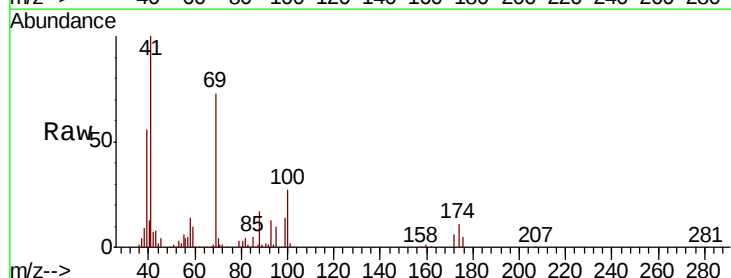
Tgt Ion: 41 Resp: 75368

Ion Ratio Lower Upper

41 100

69 78.0 59.8 89.8

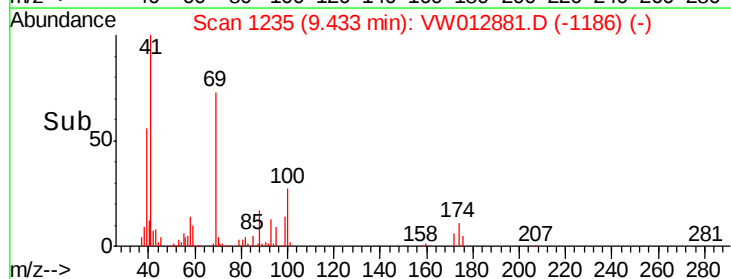
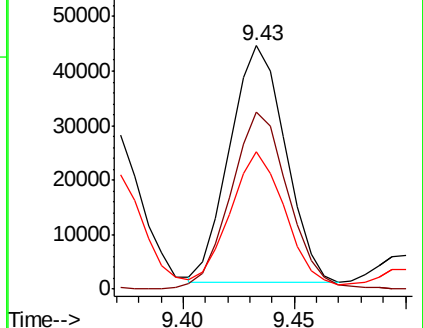
39 58.8 47.0 70.6

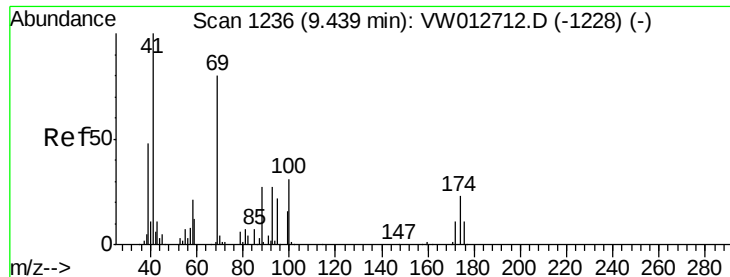


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1044.655 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

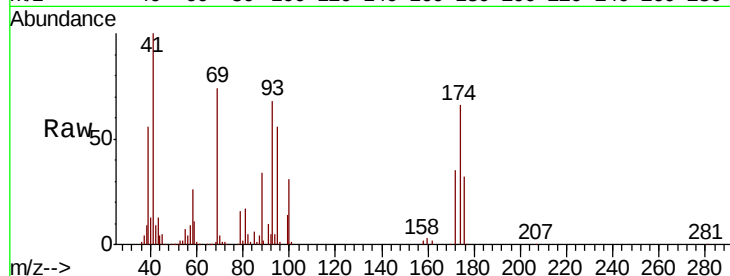
Tgt Ion: 88 Resp: 19492

Ion Ratio Lower Upper

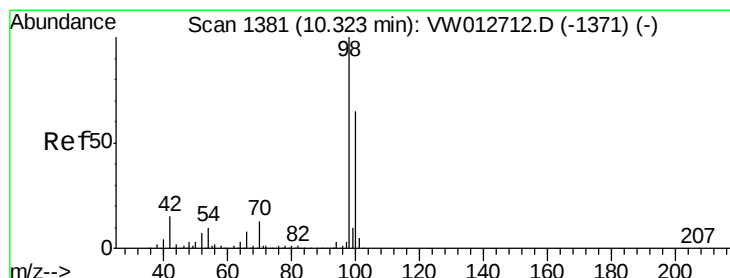
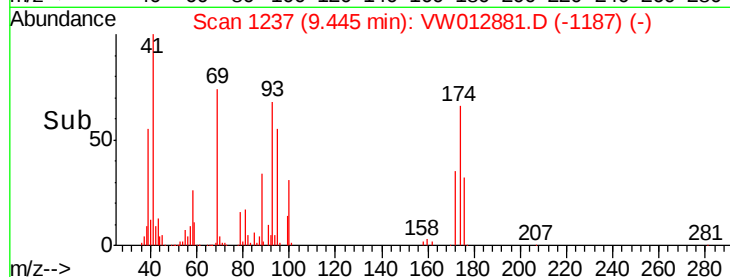
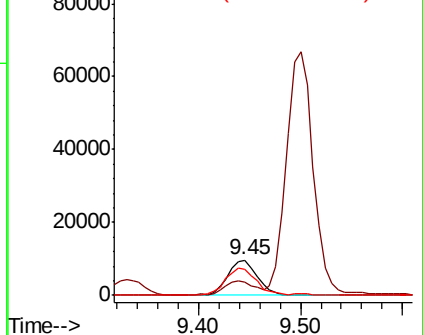
88 100

43 42.0 34.8 52.2

58 79.2 64.1 96.1



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



#50

Toluene-d8

Concen: 50.697 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012881.D

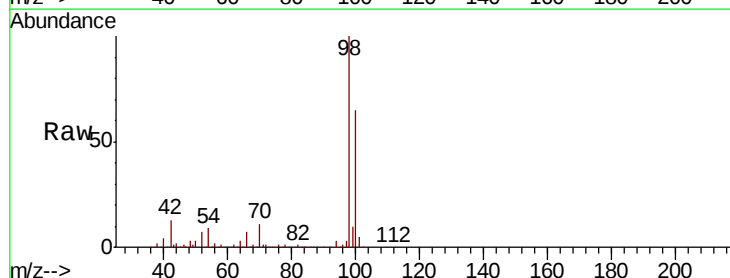
Acq: 10 Sep 2019 19:50

Tgt Ion: 98 Resp: 344511

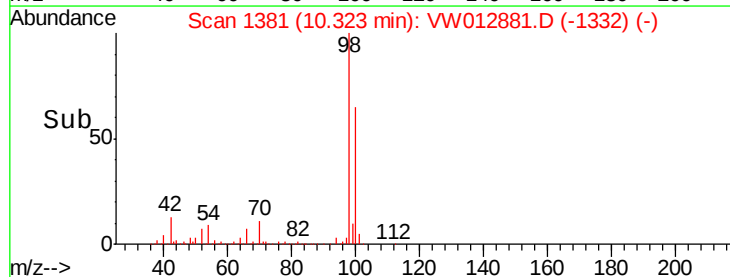
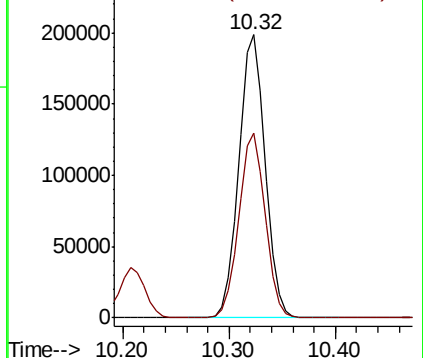
Ion Ratio Lower Upper

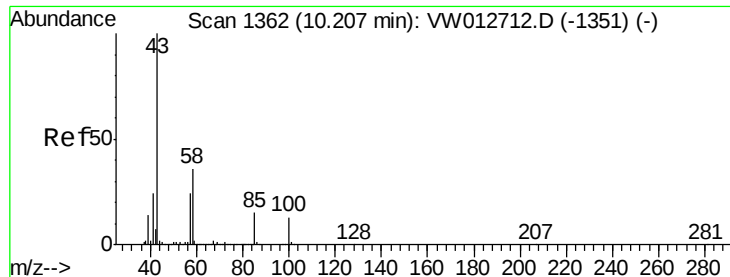
98 100

100 65.6 52.2 78.4



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

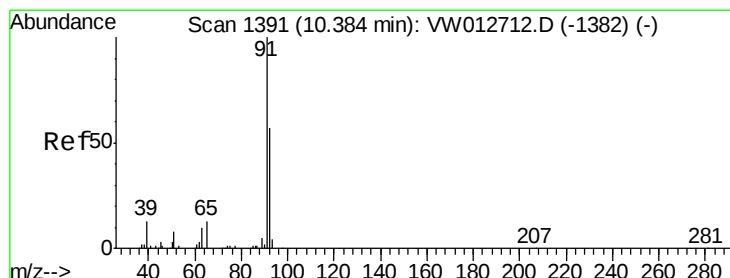
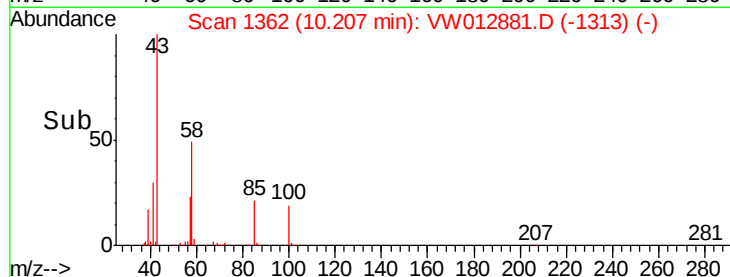
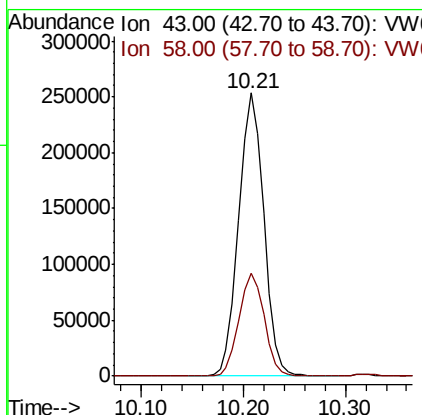
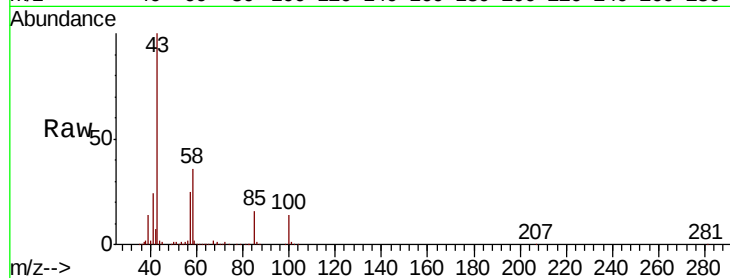




#51
 4-Methyl-2-Pentanone
 Concen: 263.373 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

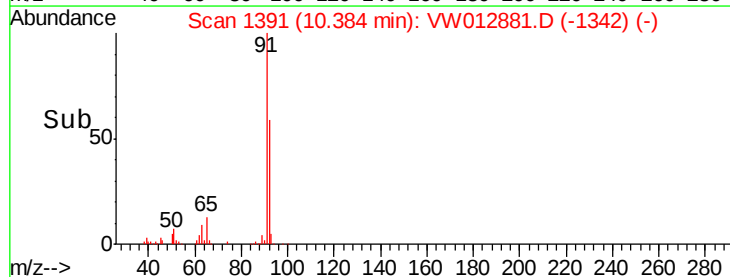
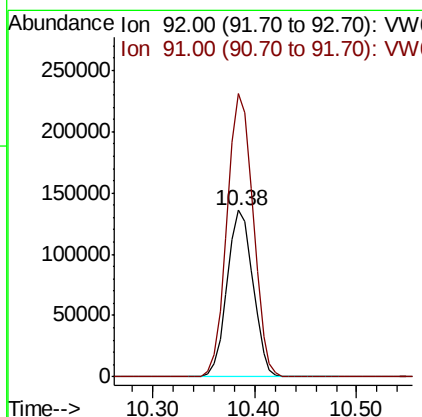
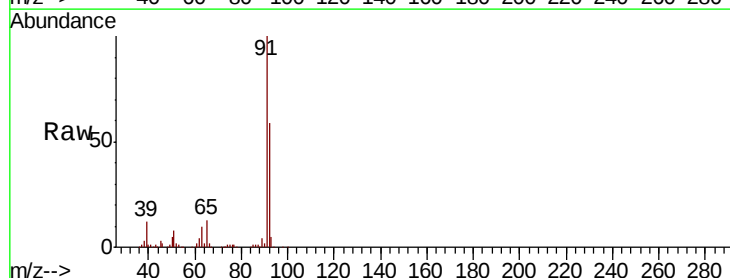
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

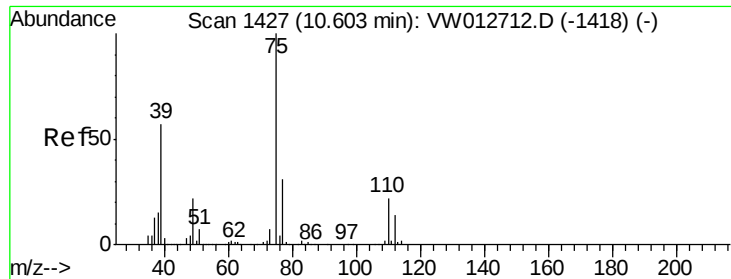
Tgt Ion: 43 Resp: 432669
 Ion Ratio Lower Upper
 43 100
 58 36.7 28.4 42.6



#52
 Toluene
 Concen: 53.117 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion: 92 Resp: 238441
 Ion Ratio Lower Upper
 92 100
 91 171.3 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 53.314 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

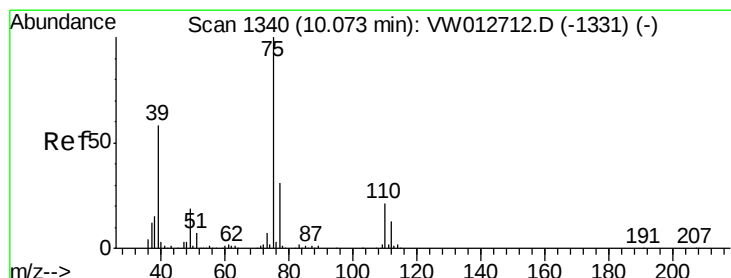
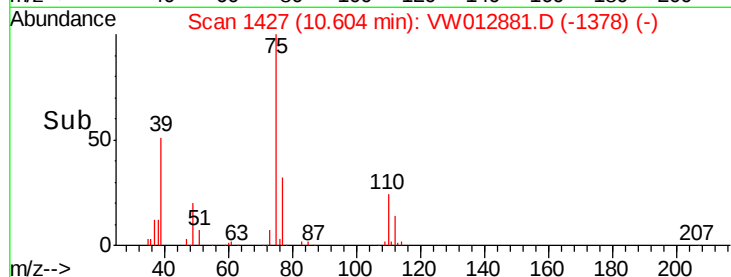
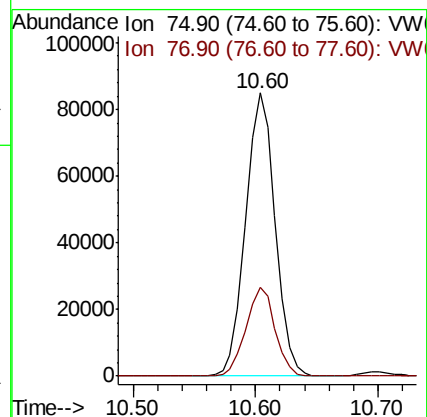
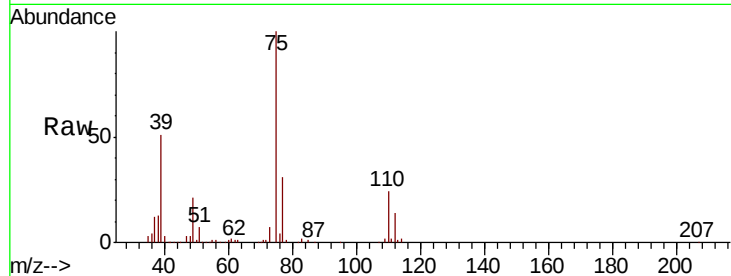
VSTDCCC050EC

Tgt Ion: 75 Resp: 142471

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 52.688 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

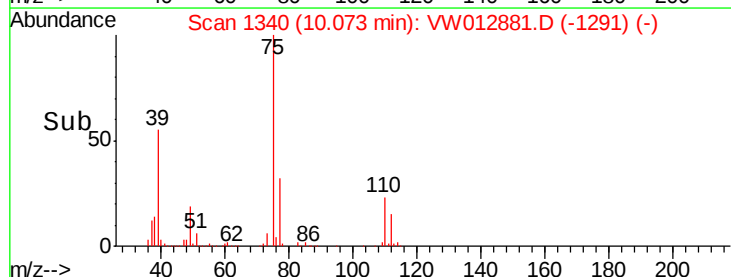
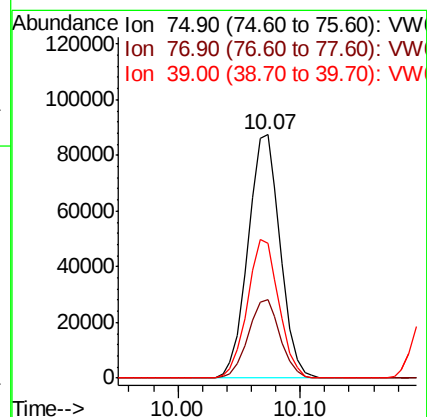
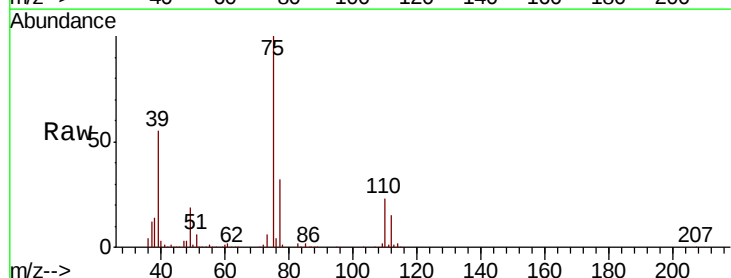
Tgt Ion: 75 Resp: 159724

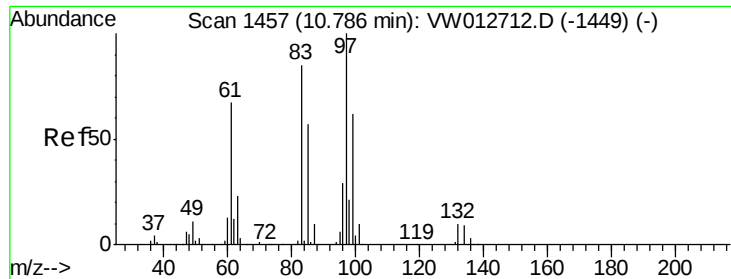
Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

39 55.0 46.3 69.5

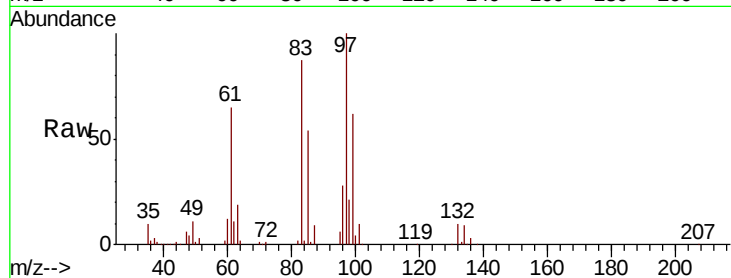




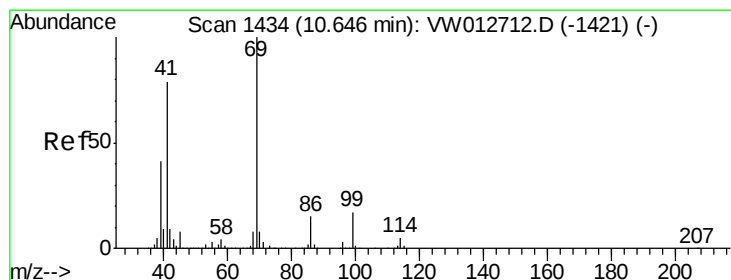
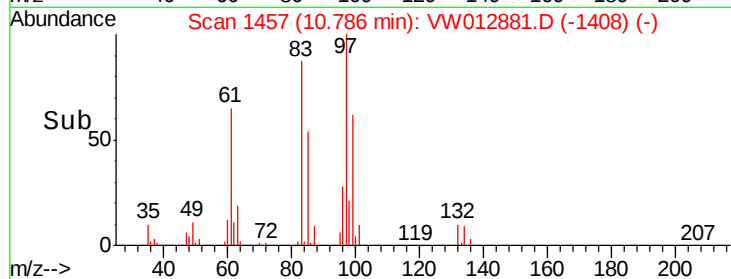
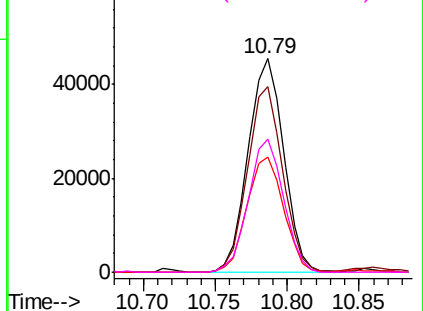
#55
 1,1,2-Trichloroethane
 Concen: 54.564 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	77164
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.1	102.1
85	53.9	45.3	67.9
99	62.4	50.0	75.0

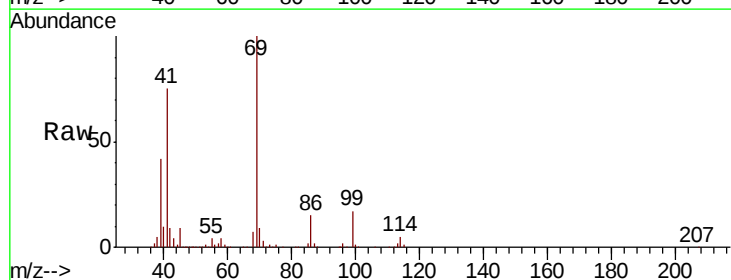


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

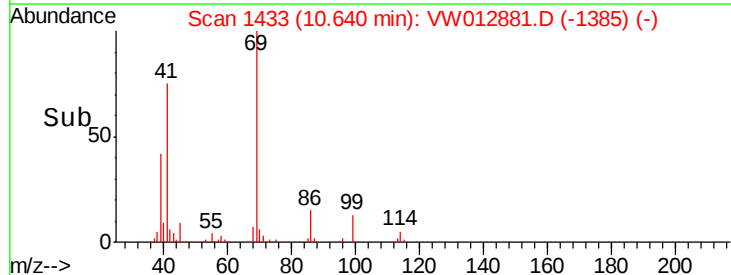
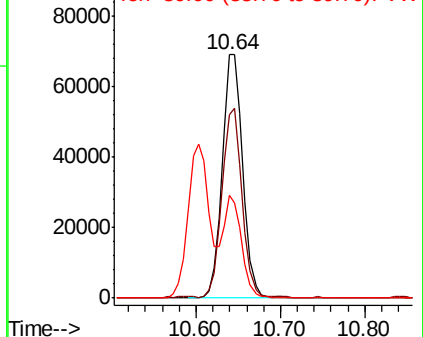


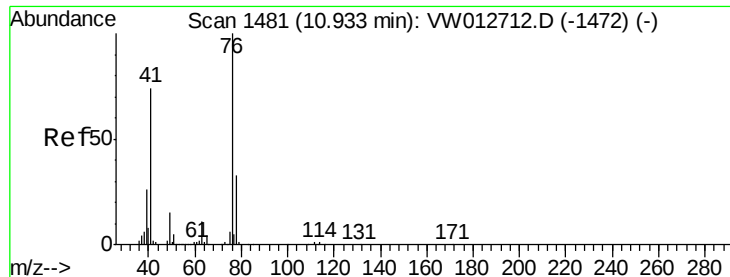
#56
 Ethyl methacrylate
 Concen: 55.895 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion:	69	Resp:	115708
Ion	Ratio	Lower	Upper
69	100		
41	76.2	64.4	96.6
39	35.5	31.1	46.7



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

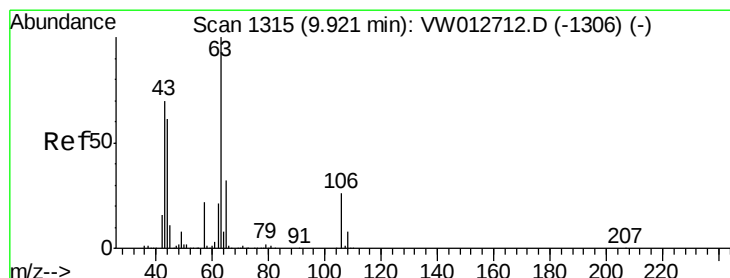
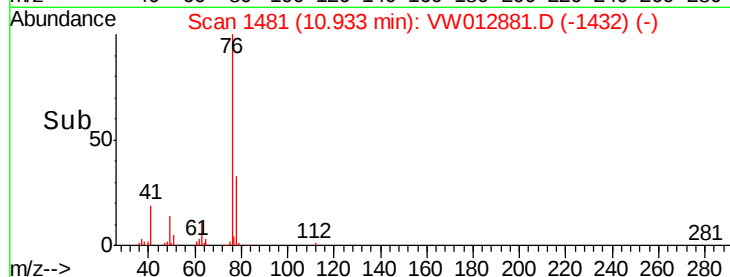
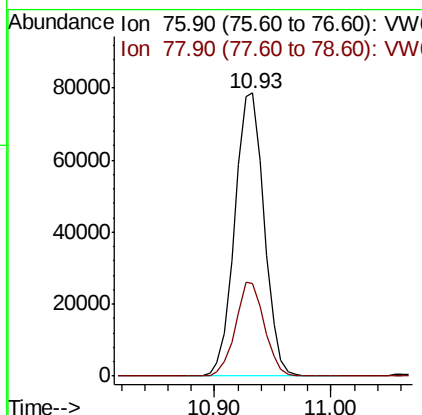
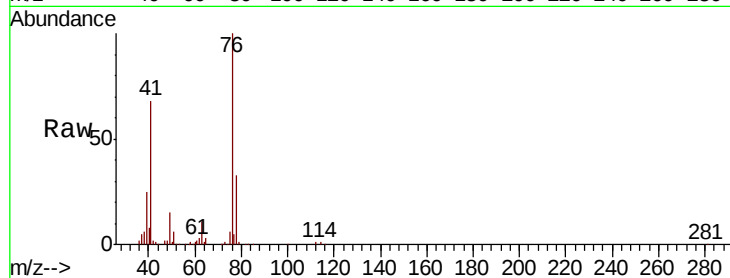




#57
 1,3-Dichloropropane
 Concen: 52.864 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

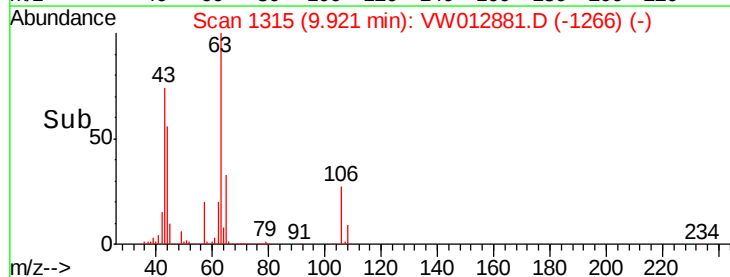
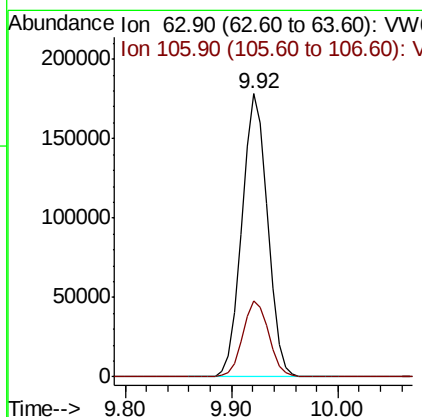
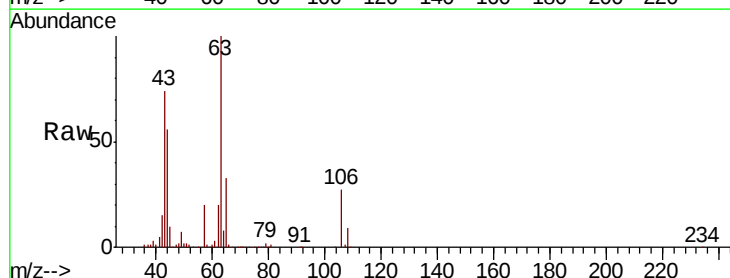
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

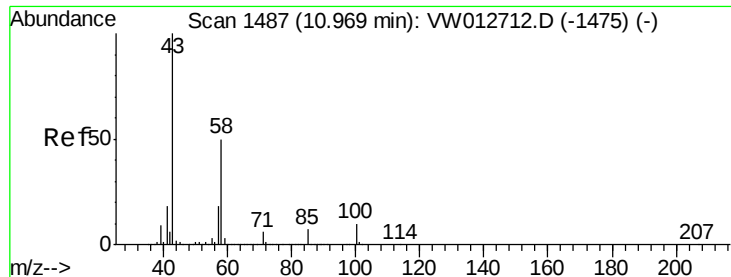
Tgt Ion: 76 Resp: 138304
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.470 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion: 63 Resp: 302736
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.5 30.7

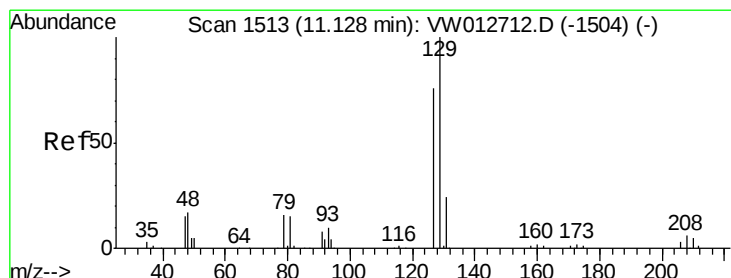
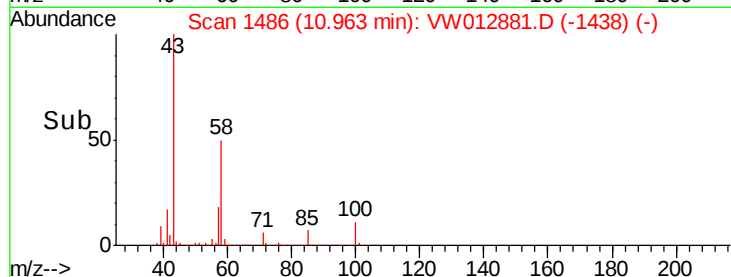
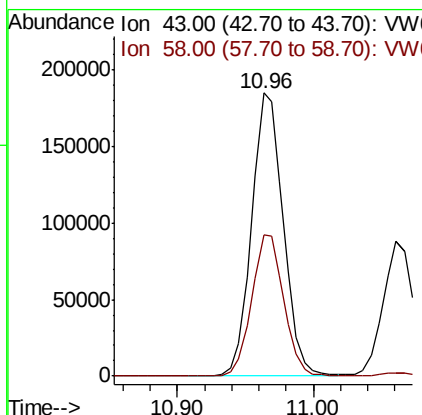
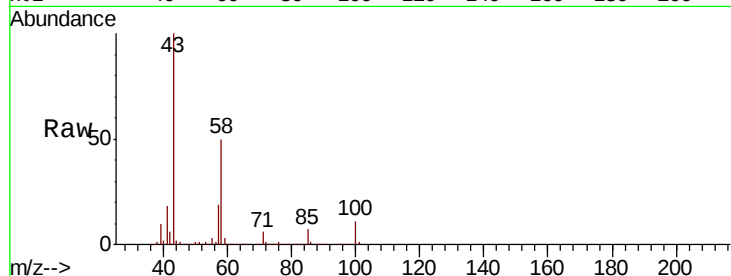




#59
2-Hexanone
Concen: 251.354 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

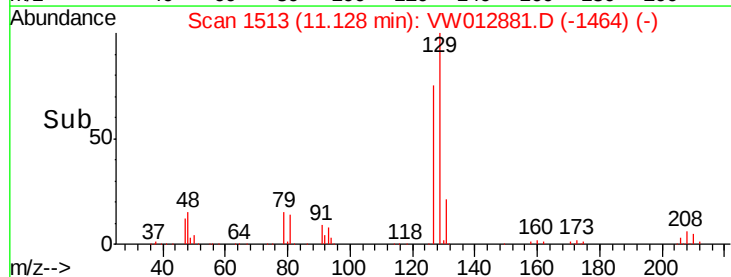
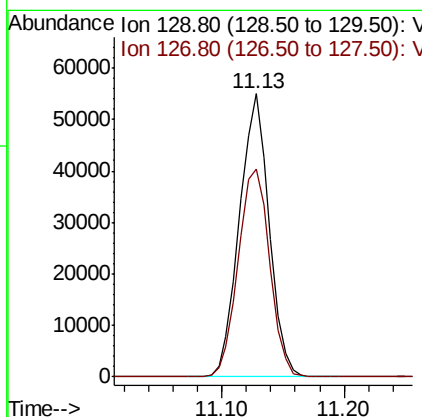
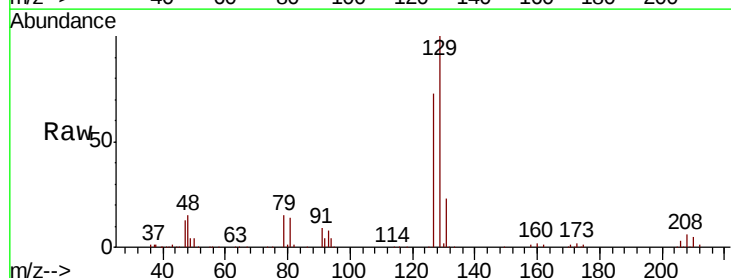
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

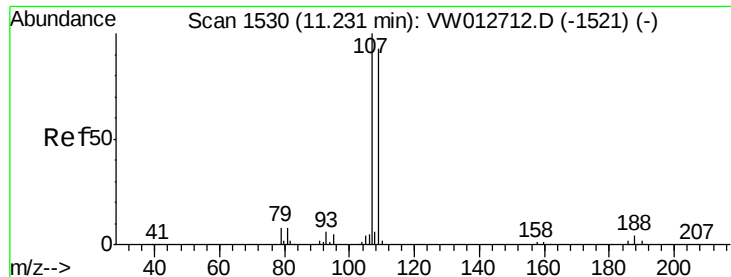
Tgt Ion: 43 Resp: 301675
Ion Ratio Lower Upper
43 100
58 50.5 24.7 74.1



#60
Dibromochloromethane
Concen: 55.713 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion: 129 Resp: 92662
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

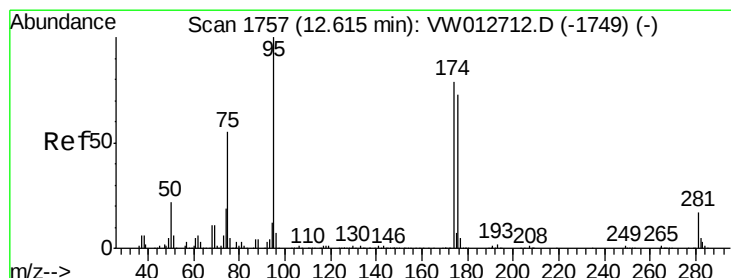
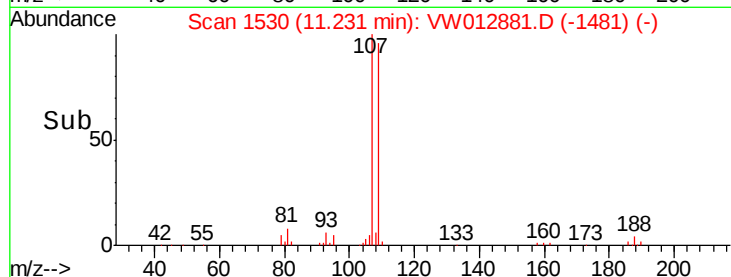
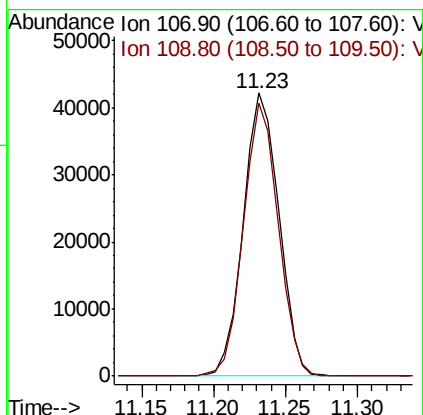
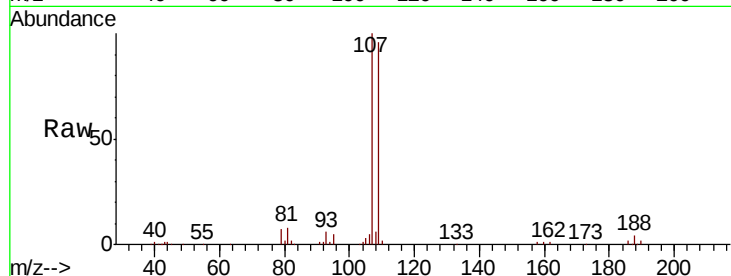




#61
 1,2-Dibromoethane
 Concen: 55.723 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

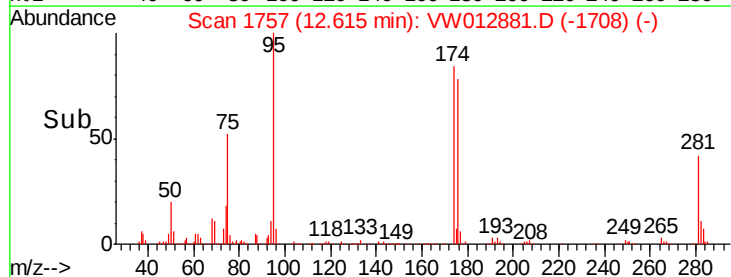
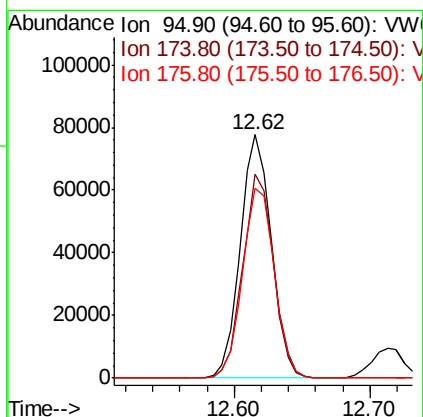
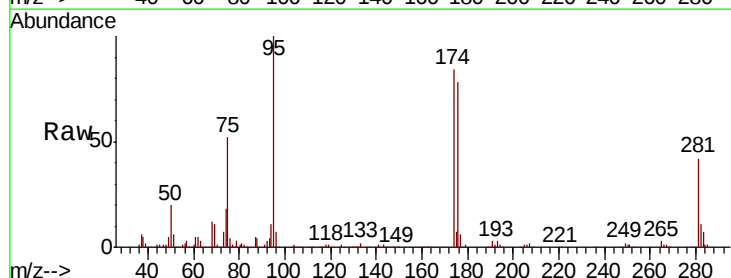
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

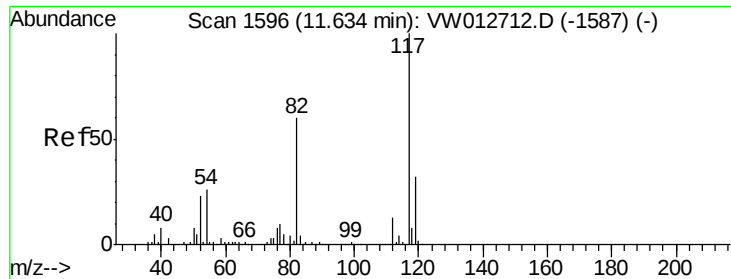
Tgt Ion: 107 Resp: 72247
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.135 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion: 95 Resp: 123681
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 161.0
 176 80.7 0.0 156.4

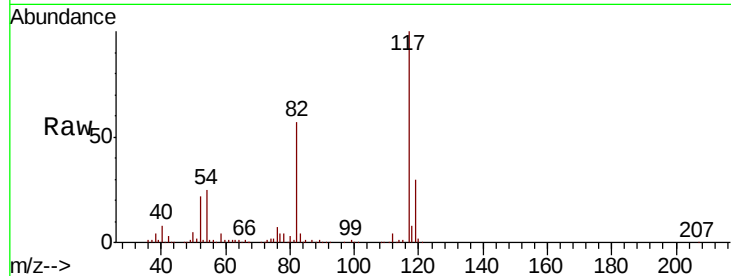




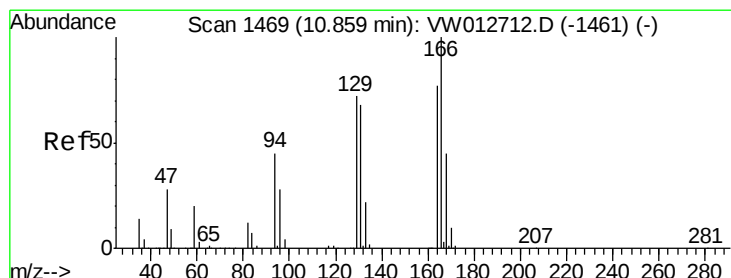
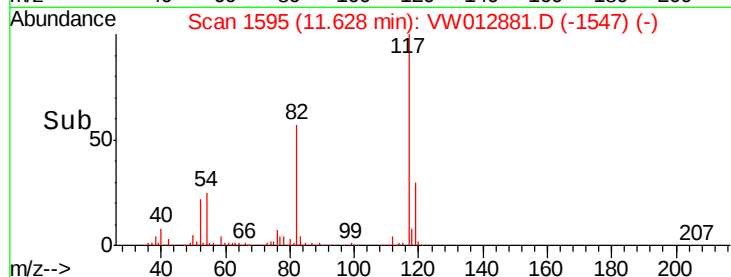
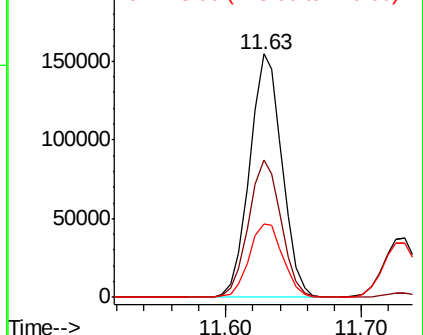
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 258177
Ion Ratio Lower Upper
117 100
82 56.6 48.2 72.4
119 30.3 25.8 38.6

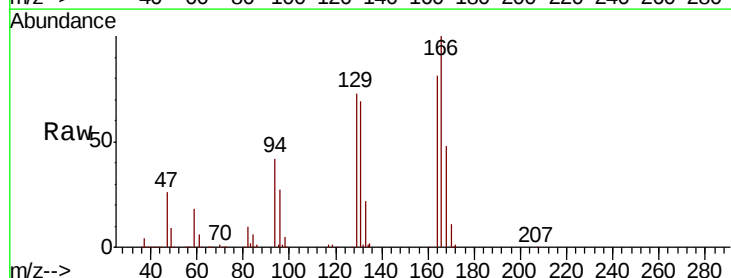


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

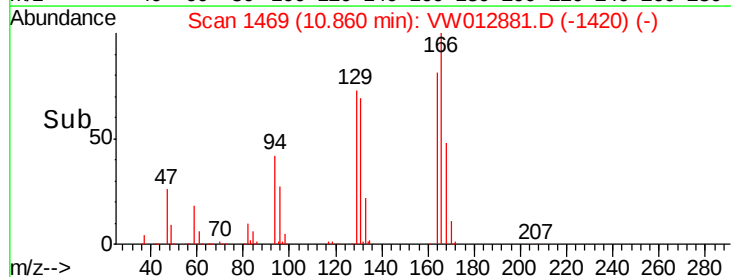
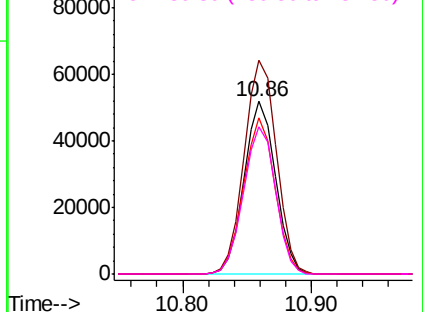


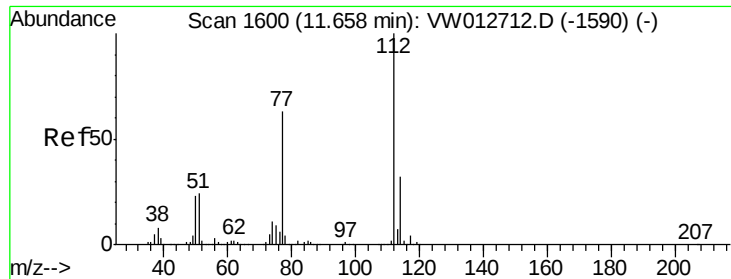
#64
Tetrachloroethene
Concen: 55.758 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion:164 Resp: 87349
Ion Ratio Lower Upper
164 100
166 123.7 103.6 155.4
129 90.7 74.6 112.0
131 85.5 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

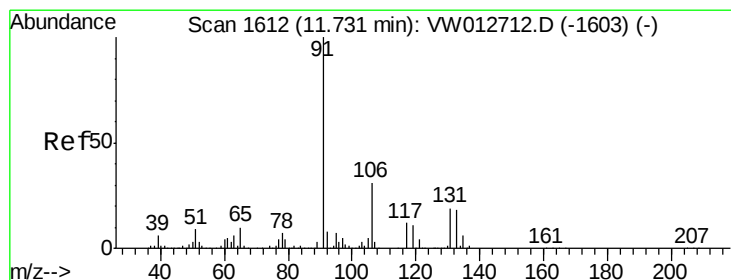
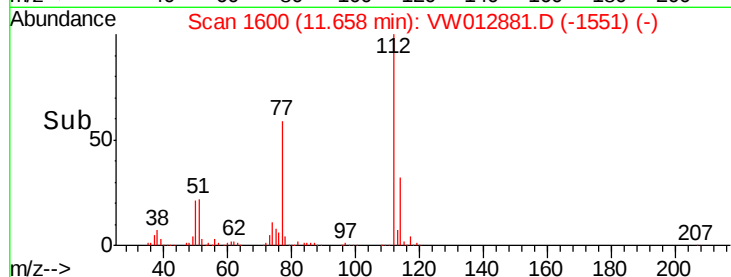
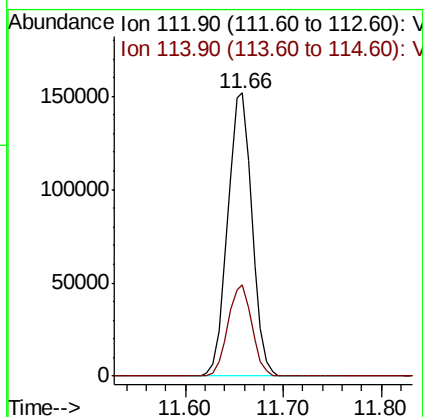
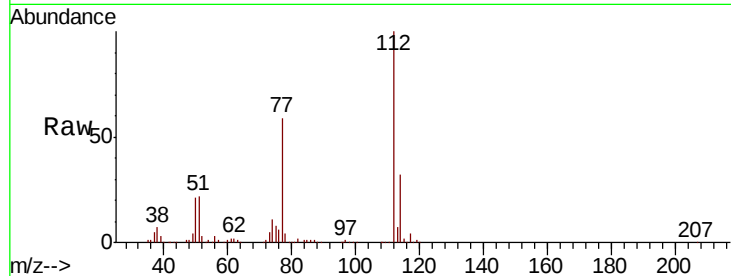




#65
Chlorobenzene
Concen: 53.424 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

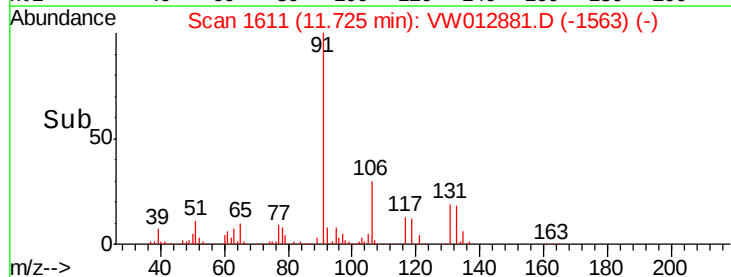
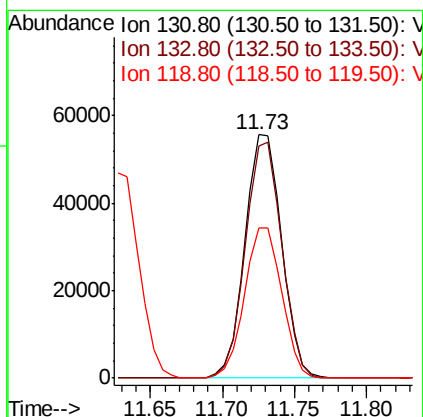
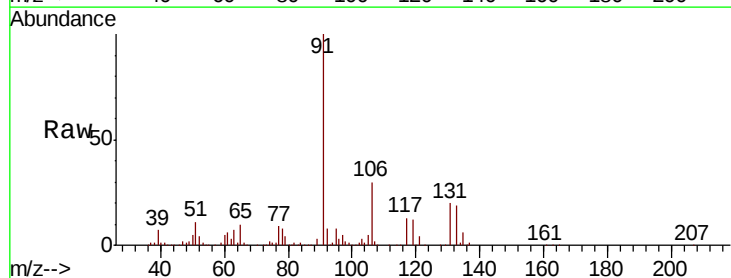
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

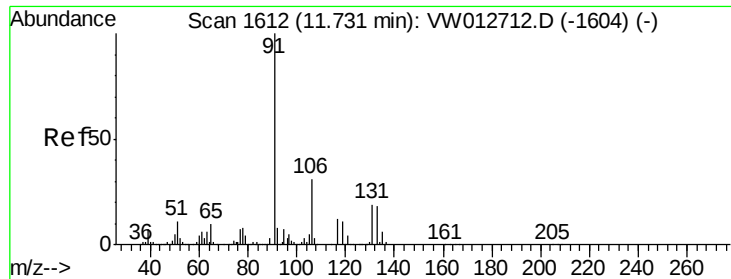
Tgt Ion:112 Resp: 260691
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.836 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion:131 Resp: 97831
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.8
119 62.7 30.6 92.0

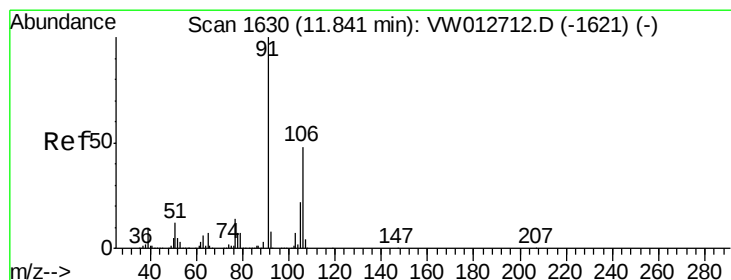
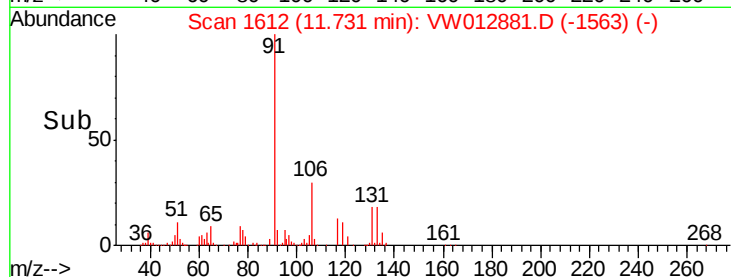
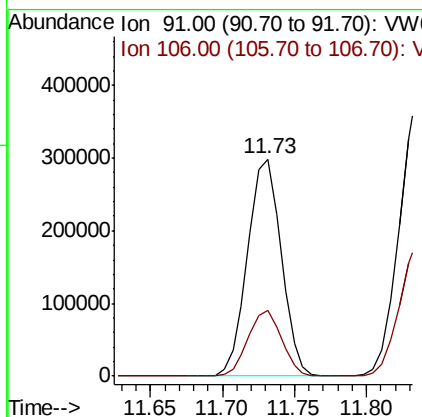
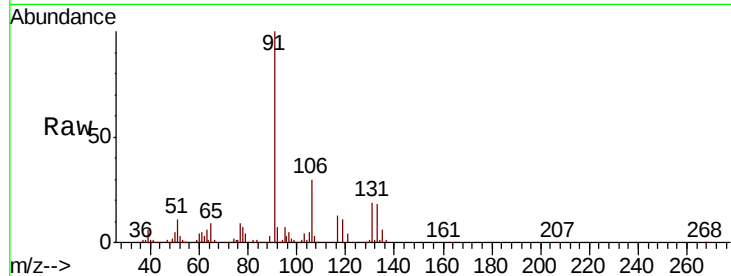




#67
Ethyl Benzene
Concen: 52.847 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

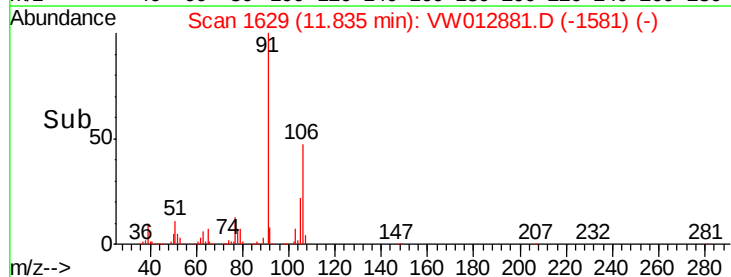
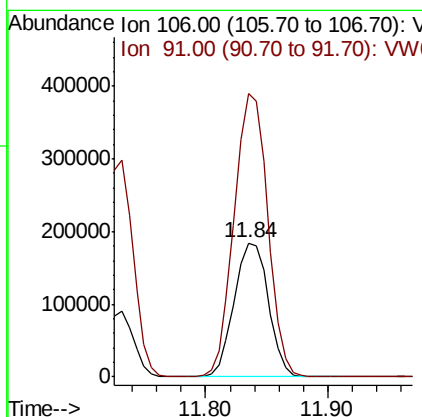
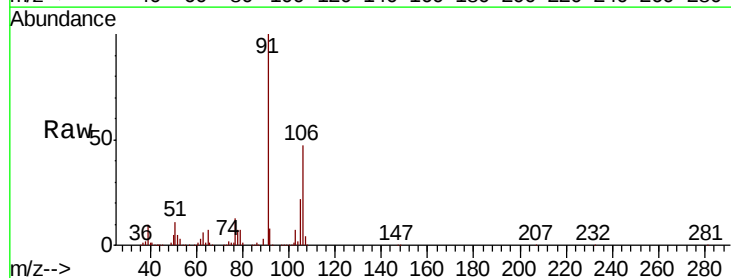
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

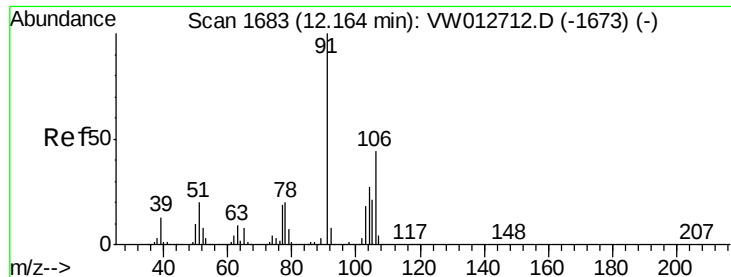
Tgt Ion: 91 Resp: 483836
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 108.110 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion: 106 Resp: 357267
Ion Ratio Lower Upper
106 100
91 208.1 168.2 252.4

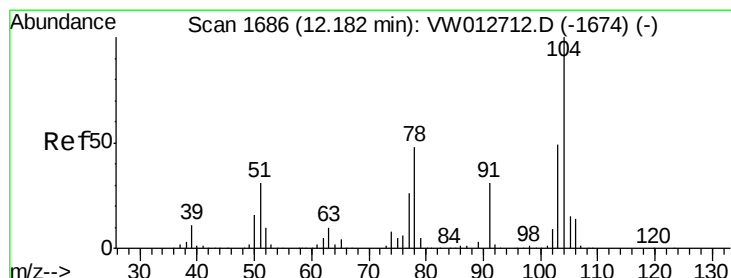
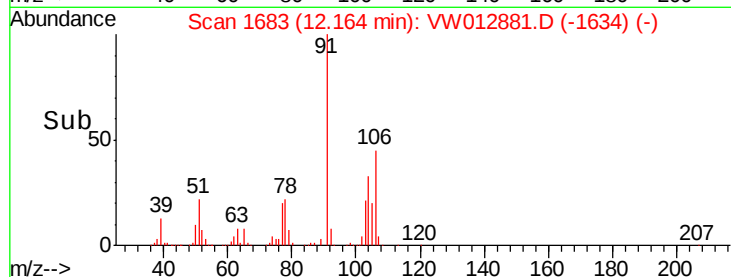
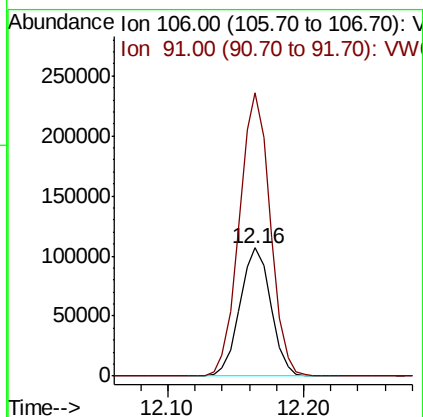
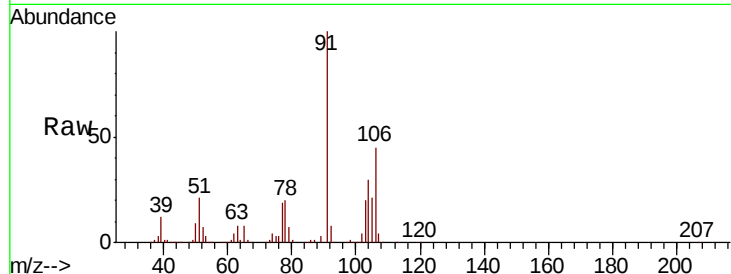




#69
o-Xylene
Concen: 54.459 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

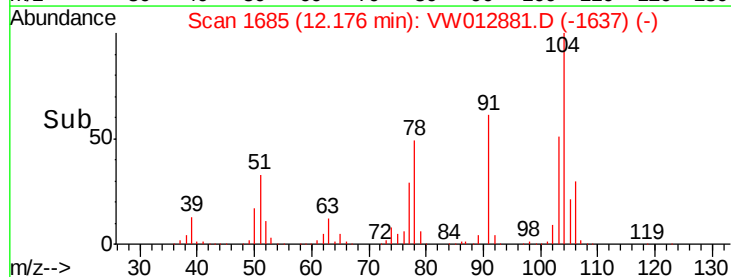
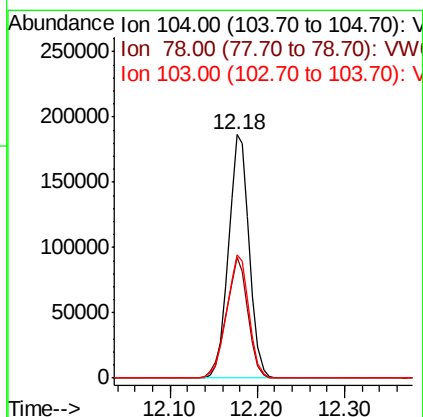
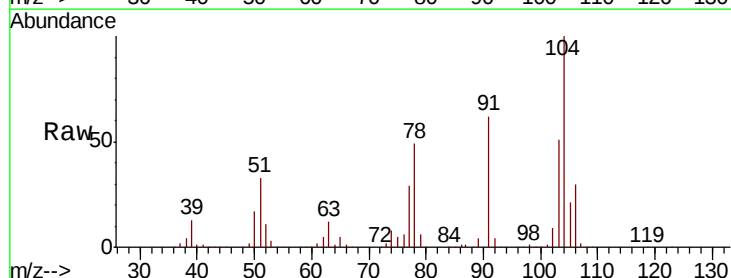
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

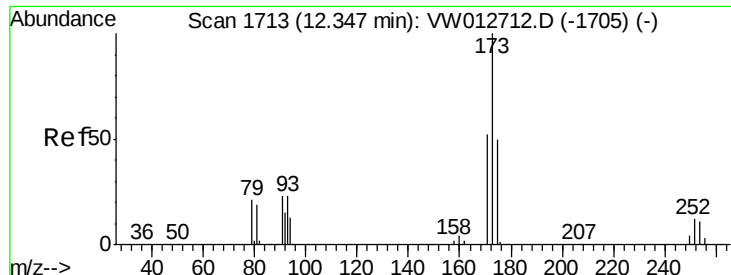
Tgt Ion:106 Resp: 169787
Ion Ratio Lower Upper
106 100
91 219.7 112.3 336.8



#70
Styrene
Concen: 55.345 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion:104 Resp: 304908
Ion Ratio Lower Upper
104 100
78 51.8 43.3 64.9
103 54.1 44.0 66.0

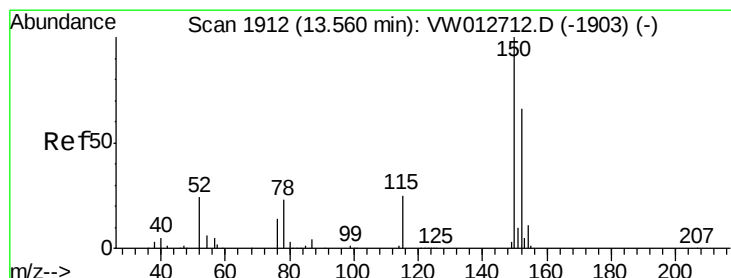
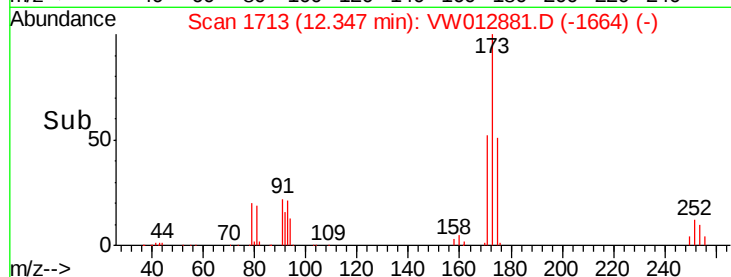
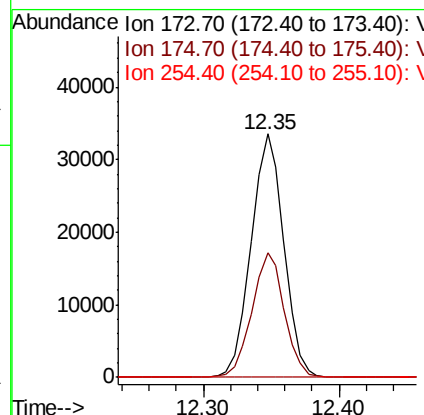
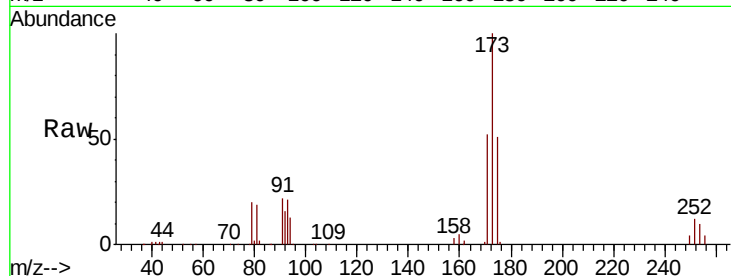




#71
 Bromoform
 Concen: 55.872 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

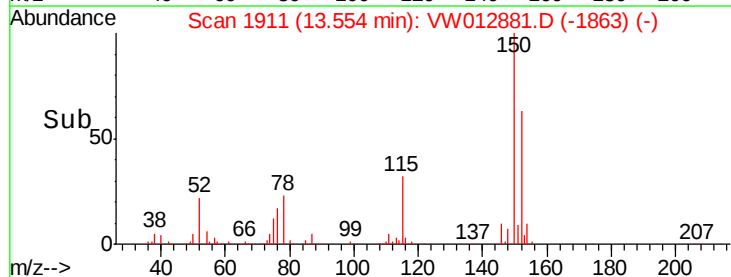
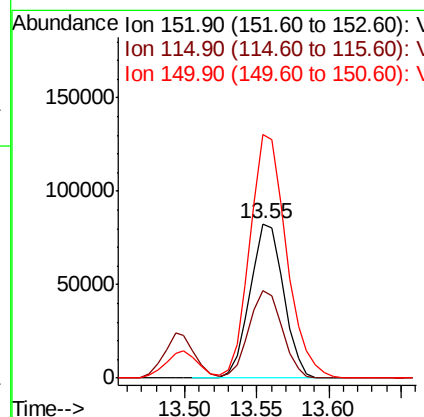
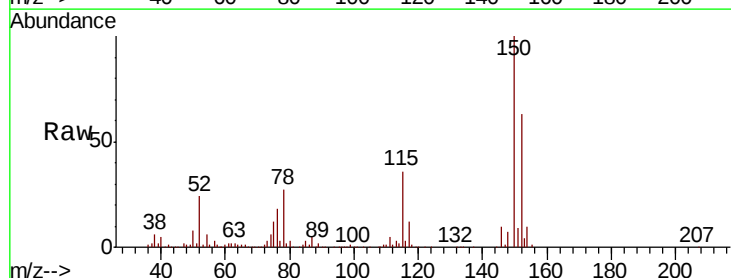
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

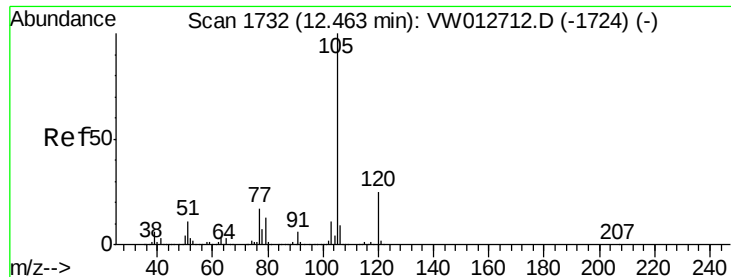
Tgt Ion:173 Resp: 56409
 Ion Ratio Lower Upper
 173 100
 175 50.9 24.8 74.3
 254 0.0 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion:152 Resp: 132778
 Ion Ratio Lower Upper
 152 100
 115 56.6 30.0 90.1
 150 171.8 0.0 349.0





#73

Isopropylbenzene

Concen: 51.506 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

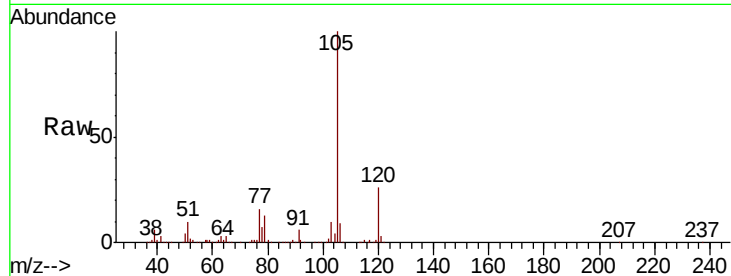
VSTDCCC050EC

Tgt Ion: 105 Resp: 490505

Ion Ratio Lower Upper

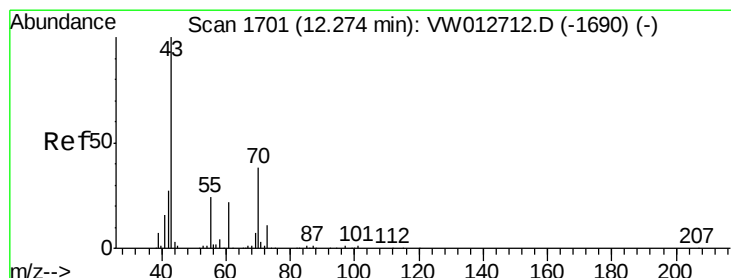
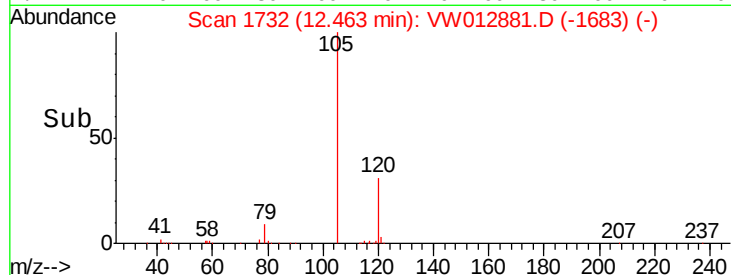
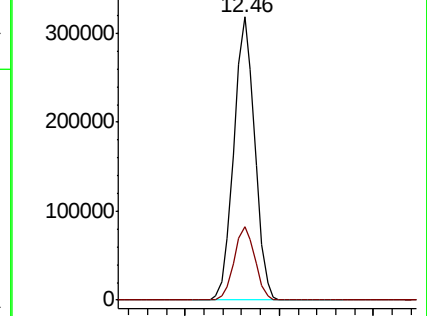
105 100

120 25.8 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.751 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Tgt Ion: 43 Resp: 153411

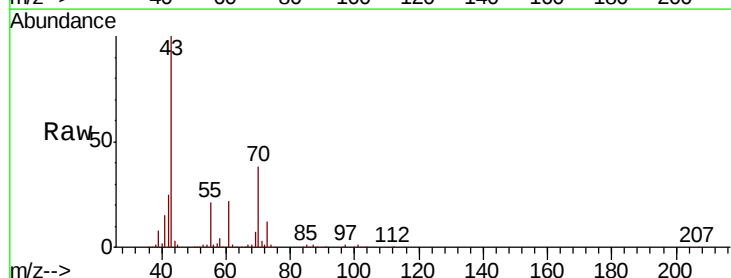
Ion Ratio Lower Upper

43 100

70 38.1 29.4 44.0

55 23.0 18.6 27.8

61 22.5 17.8 26.6

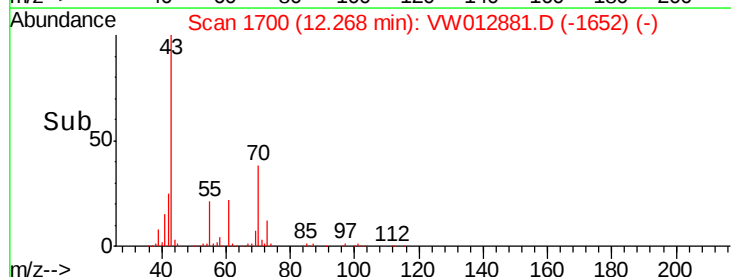
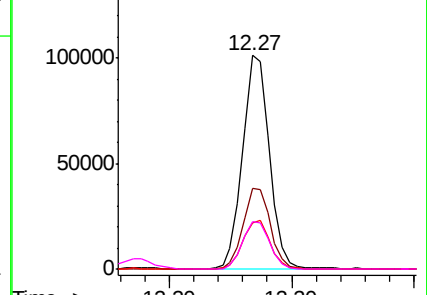


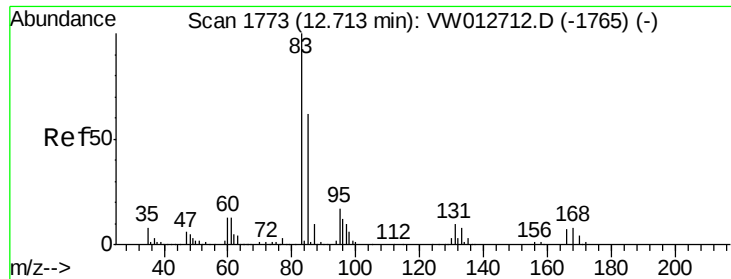
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.731 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

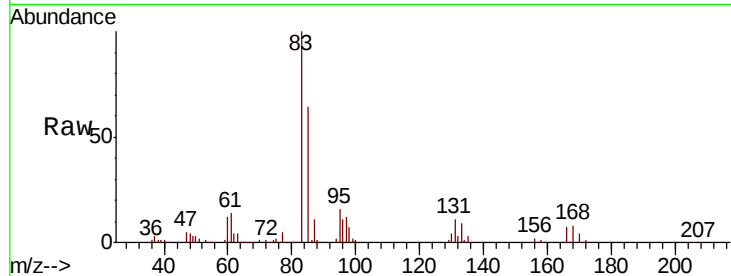
Tgt Ion: 83 Resp: 97025

Ion Ratio Lower Upper

83 100

131 11.6 5.1 15.4

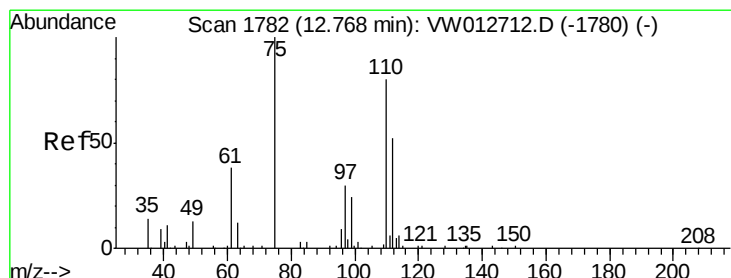
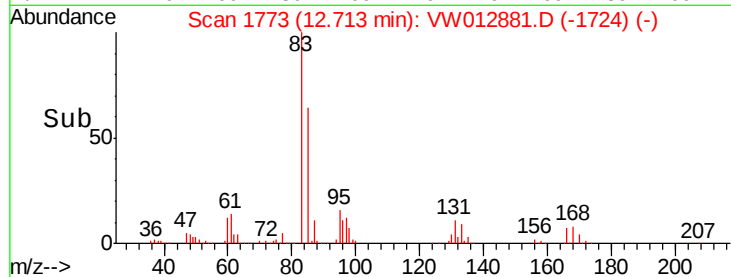
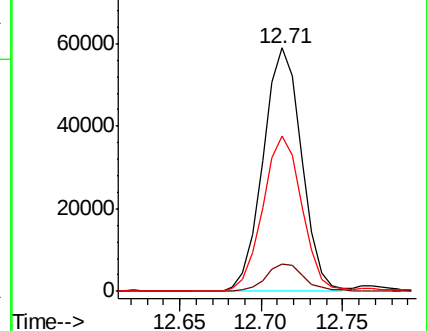
85 64.4 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.463 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012881.D

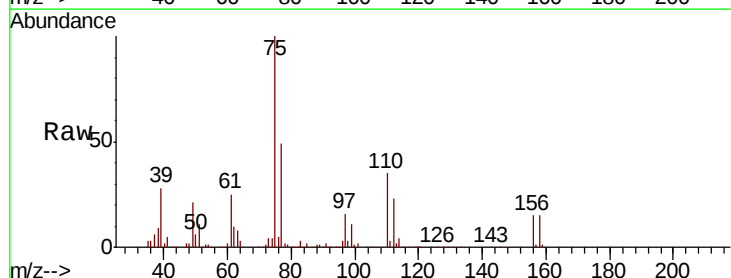
Acq: 10 Sep 2019 19:50

Tgt Ion: 75 Resp: 129611

Ion Ratio Lower Upper

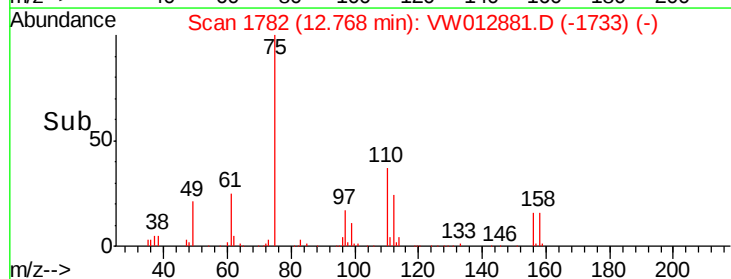
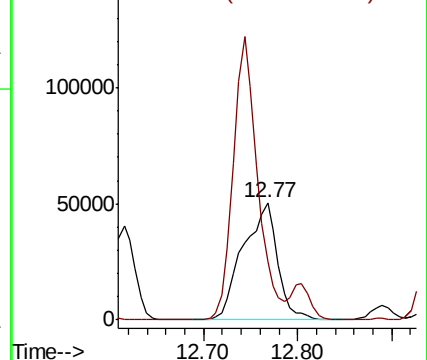
75 100

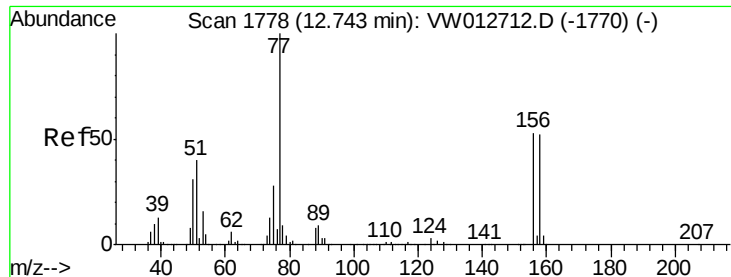
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.823 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

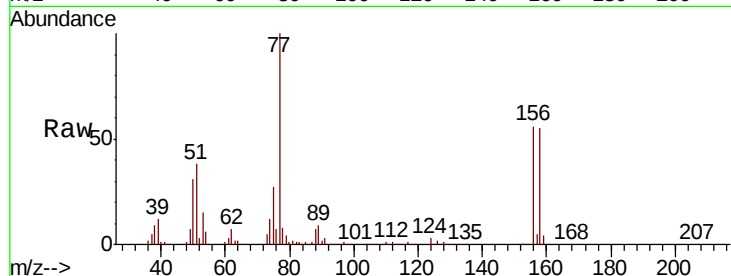
Tgt Ion:156 Resp: 113969

Ion Ratio Lower Upper

156 100

77 193.6 102.3 306.9

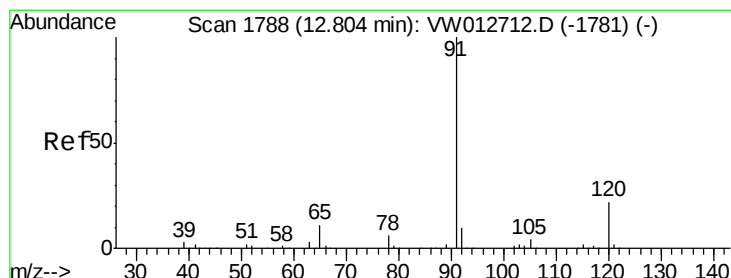
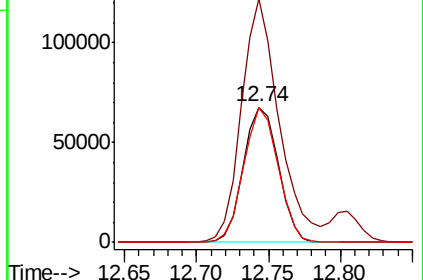
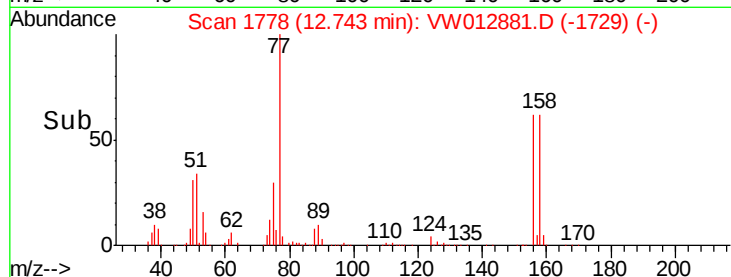
158 98.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.577 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012881.D

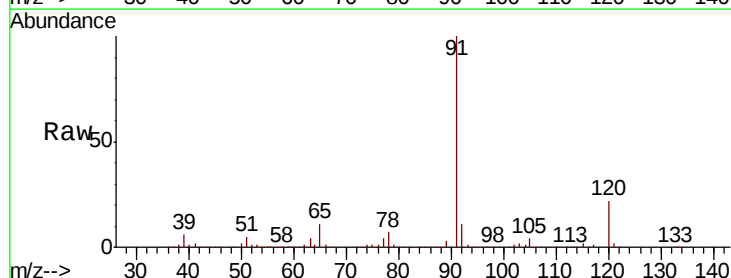
Acq: 10 Sep 2019 19:50

Tgt Ion: 91 Resp: 587451

Ion Ratio Lower Upper

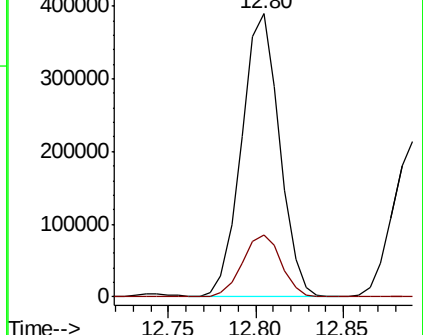
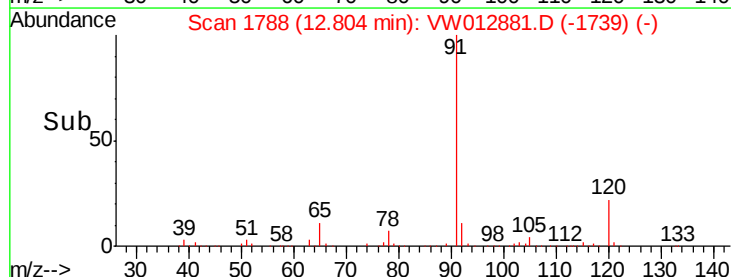
91 100

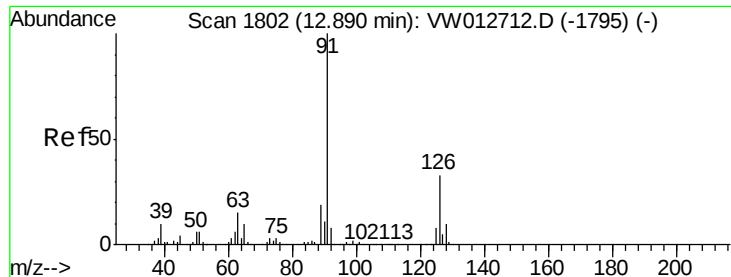
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

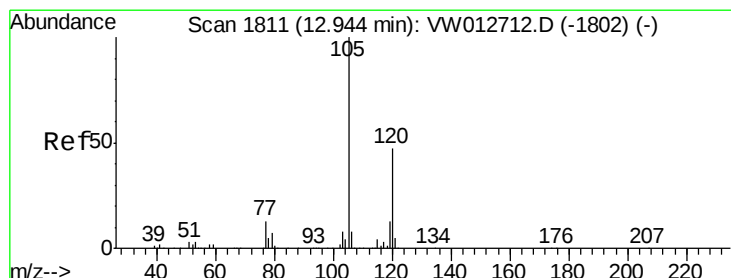
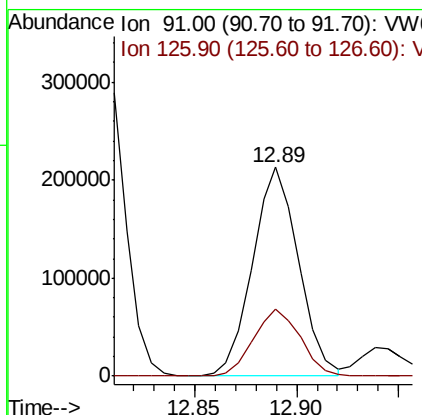
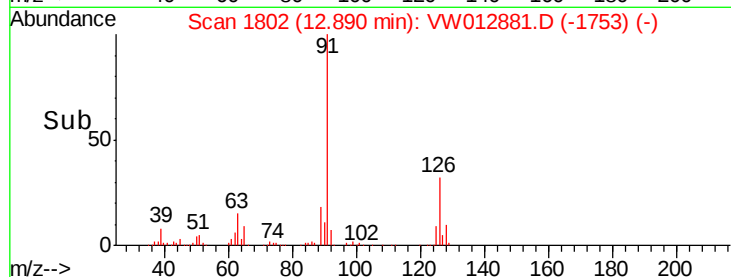
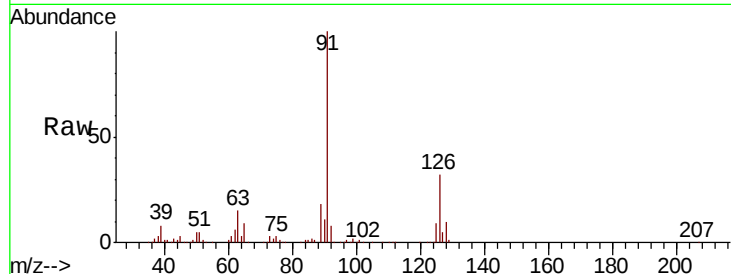




#79
 2-Chlorotoluene
 Concen: 51.016 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

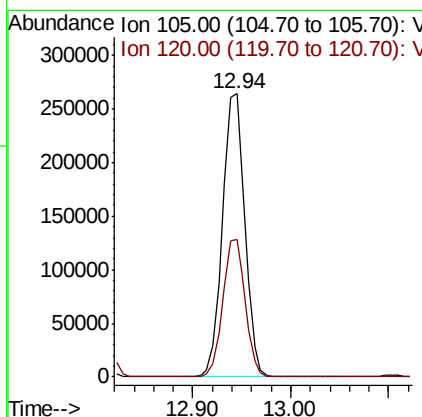
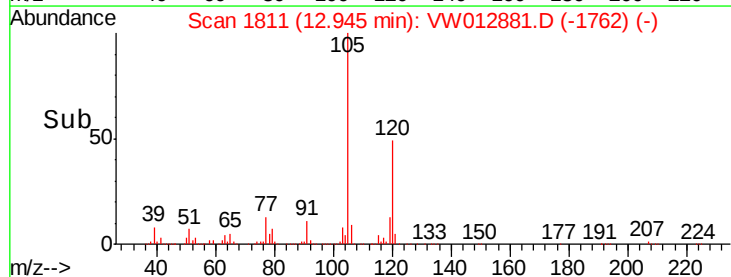
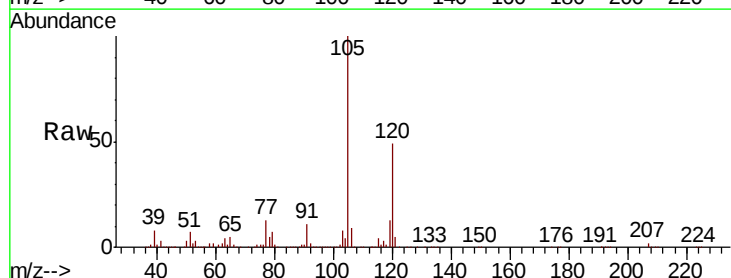
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

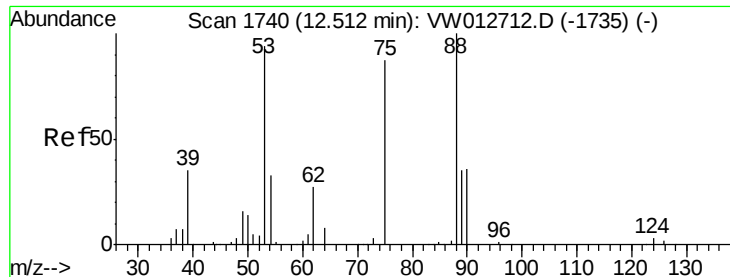
Tgt Ion: 91 Resp: 333572
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.057 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion: 105 Resp: 417736
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.400 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

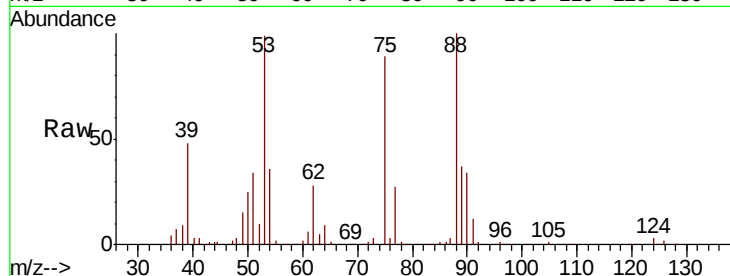
Tgt Ion: 75 Resp: 31711

Ion Ratio Lower Upper

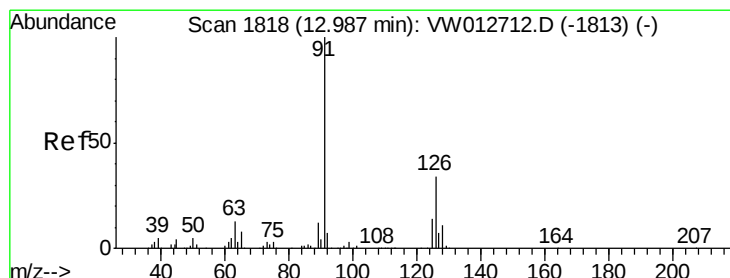
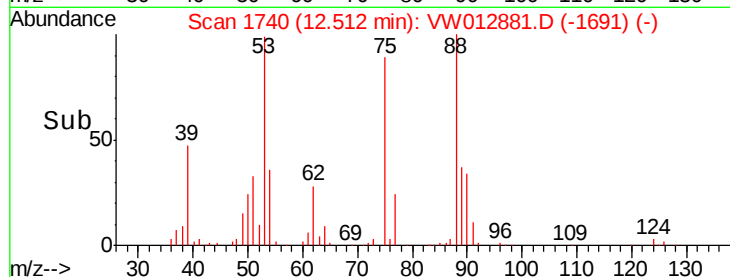
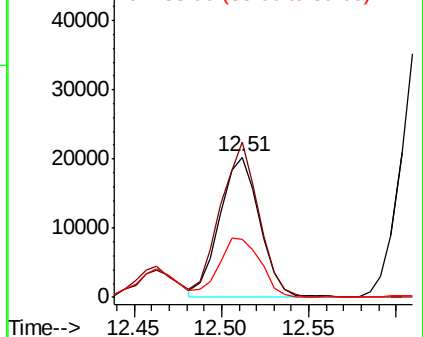
75 100

53 109.3 87.6 131.4

89 44.5 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 50.334 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012881.D

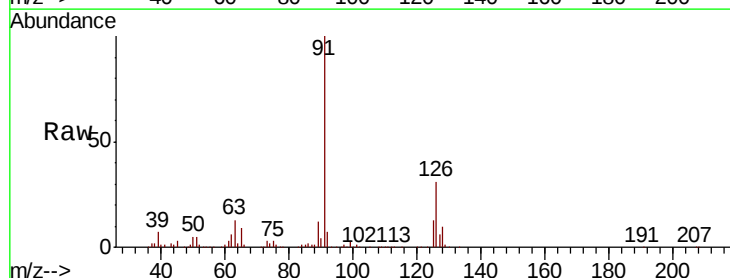
Acq: 10 Sep 2019 19:50

Tgt Ion: 91 Resp: 348119

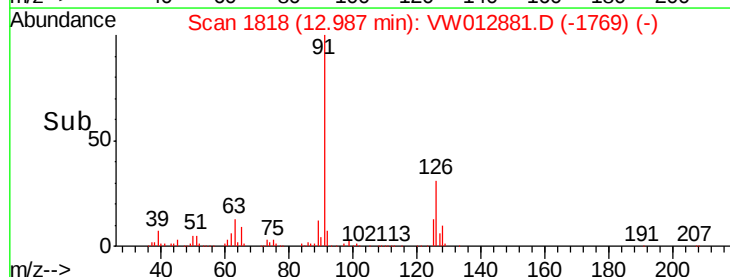
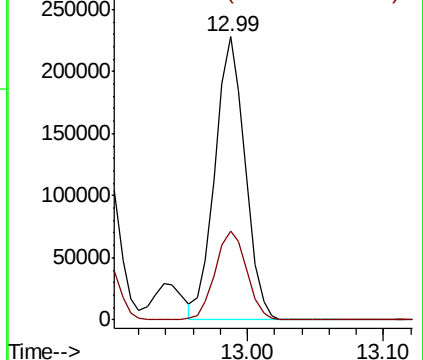
Ion Ratio Lower Upper

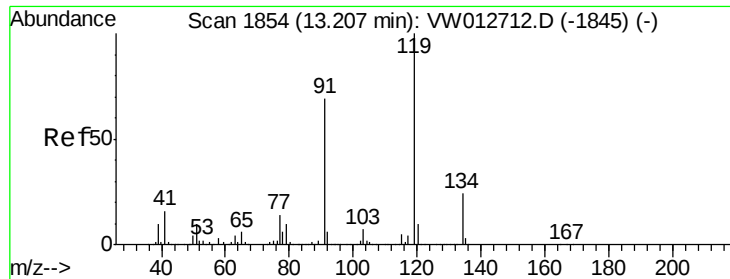
91 100

126 32.9 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

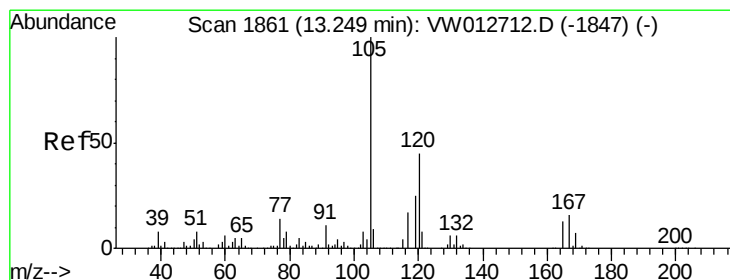
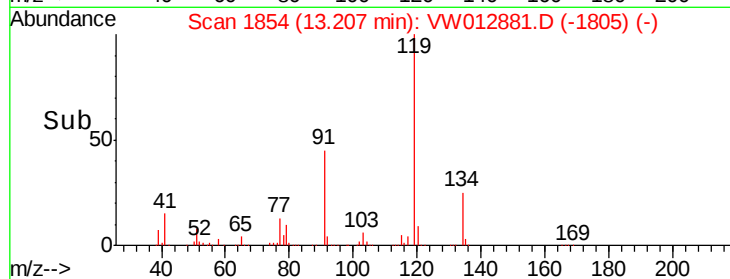
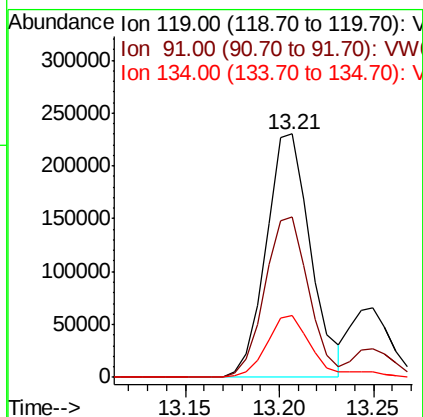
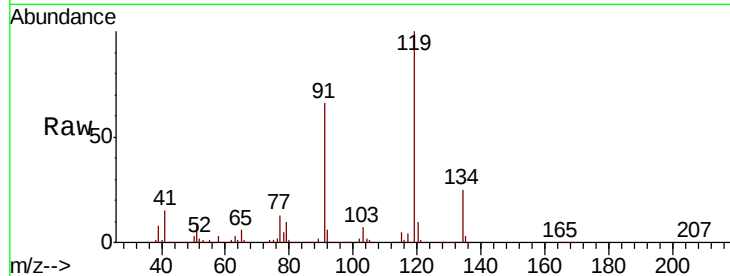




#83
 tert-Butylbenzene
 Concen: 53.120 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

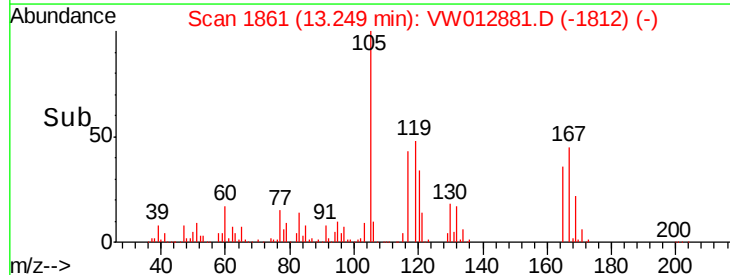
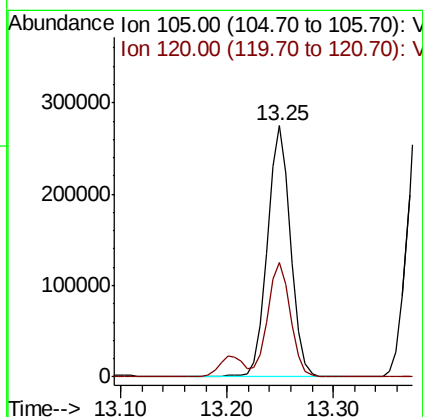
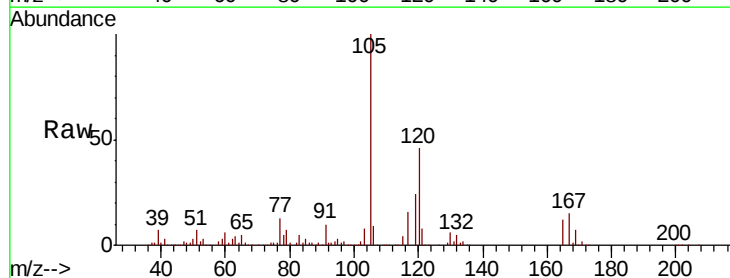
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

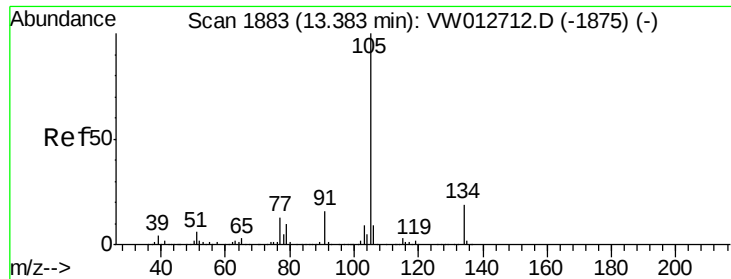
Tgt Ion:119 Resp: 376912
 Ion Ratio Lower Upper
 119 100
 91 65.1 34.2 102.5
 134 24.9 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.543 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion:105 Resp: 416775
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.3

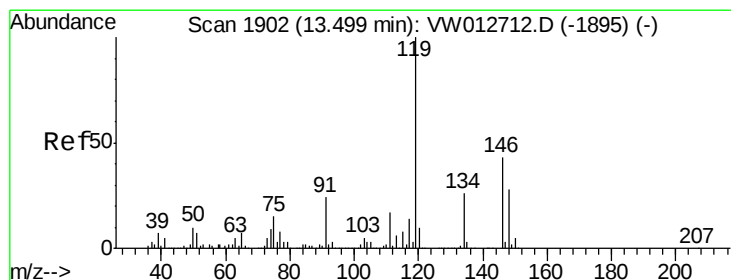
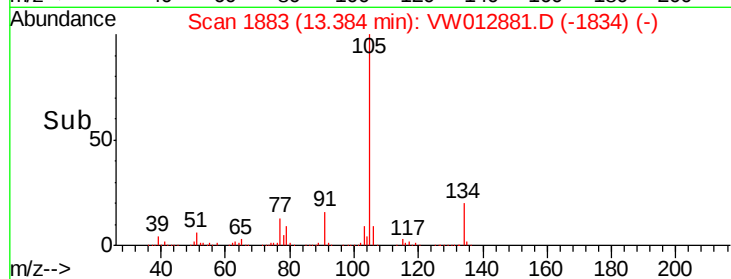
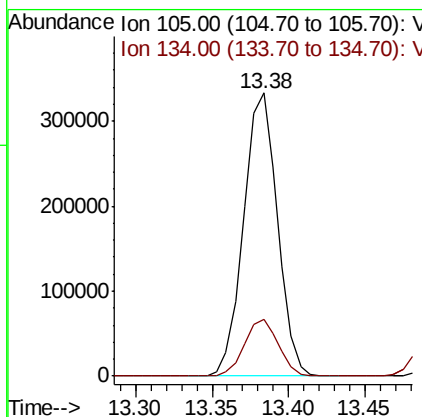
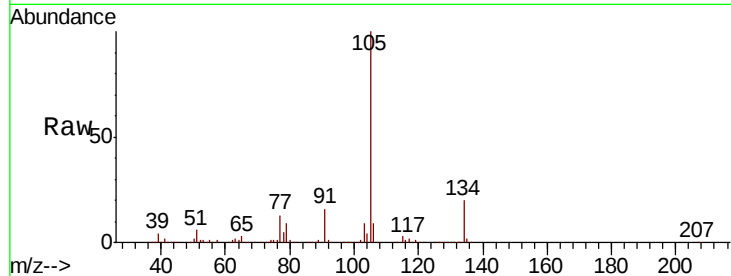




#85
 sec-Butylbenzene
 Concen: 52.075 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

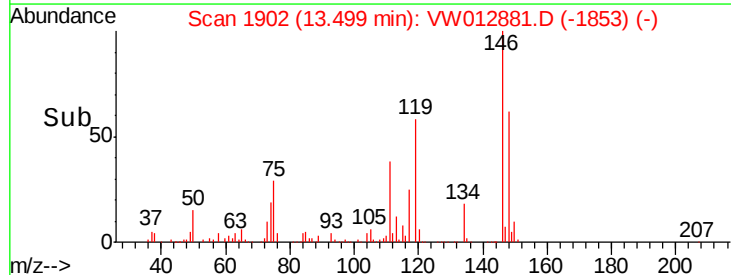
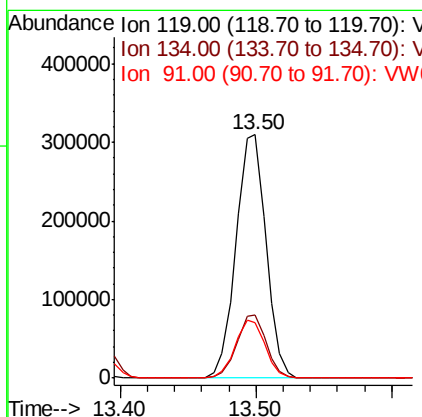
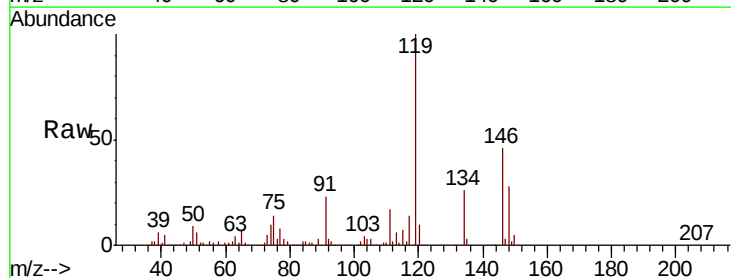
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

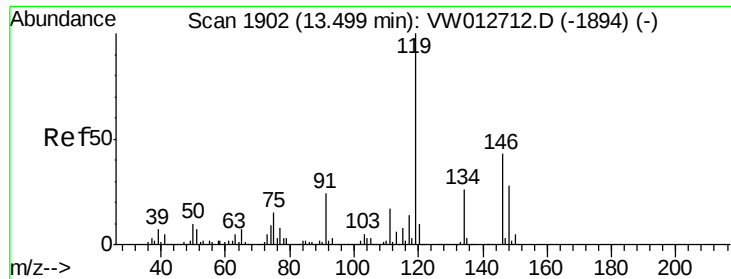
Tgt Ion:105 Resp: 512724
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.852 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion:119 Resp: 475318
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 23.6 12.2 36.6

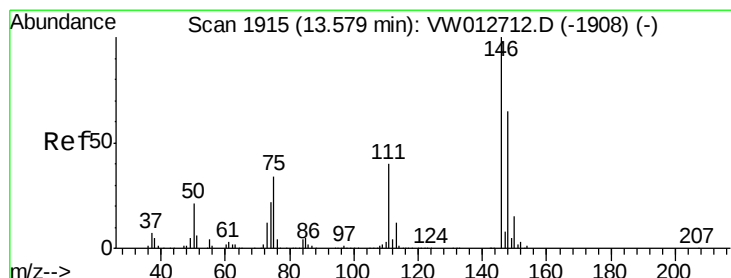
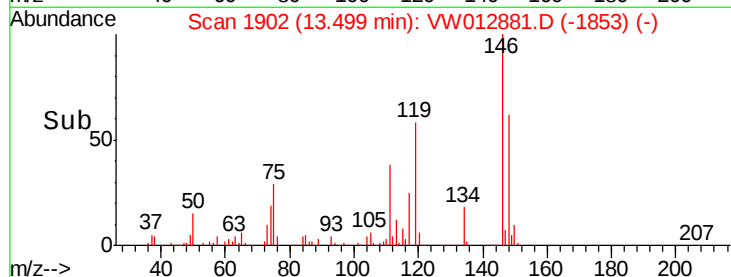
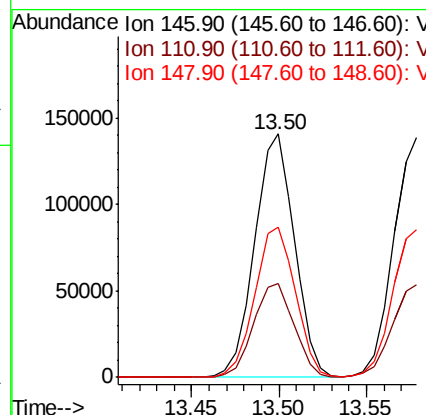
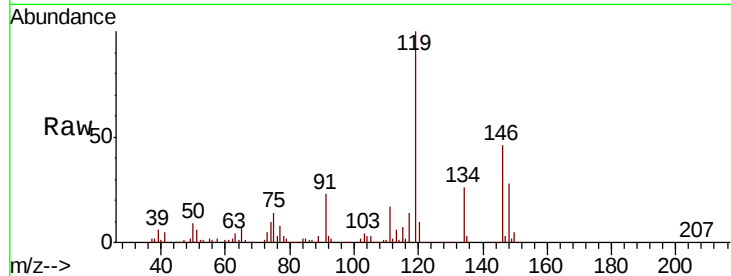




#87
 1,3-Dichlorobenzene
 Concen: 52.629 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

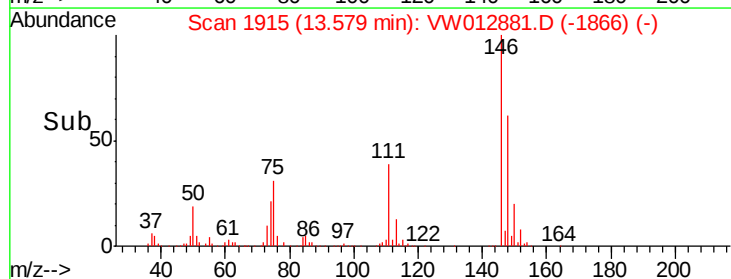
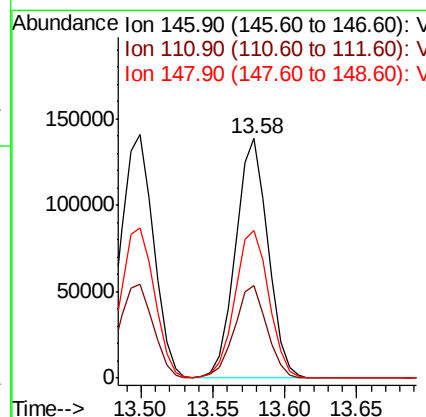
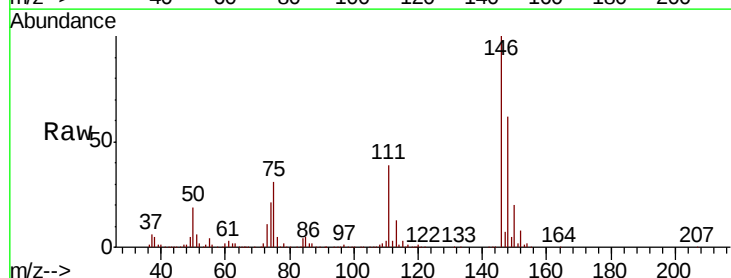
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

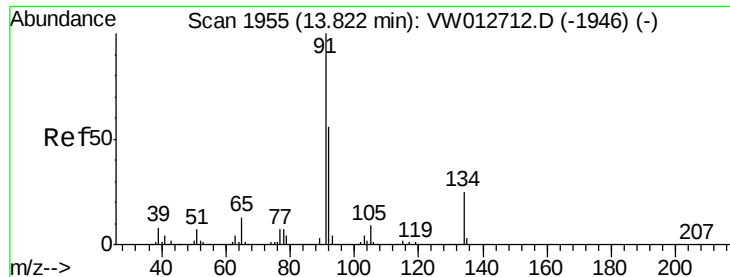
Tgt Ion:146 Resp: 223191
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.4 61.2
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.777 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion:146 Resp: 218491
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 60.0
 148 64.8 32.2 96.6





#89

n-Butylbenzene

Concen: 51.422 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012881.D

Acq: 10 Sep 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

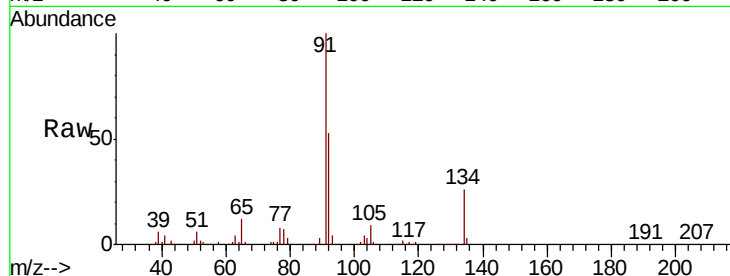
Tgt Ion: 91 Resp: 448969

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.5

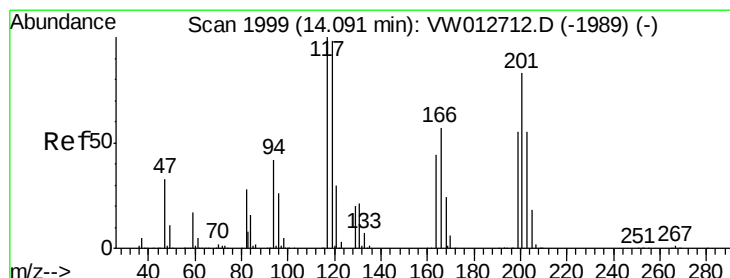
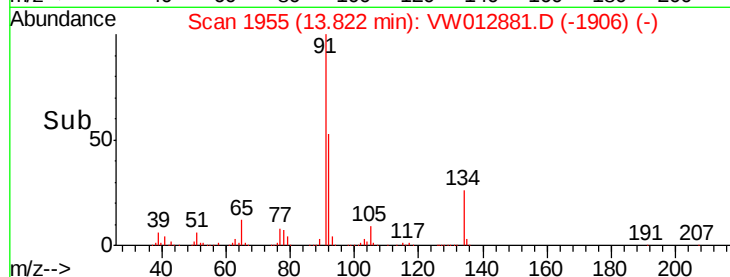
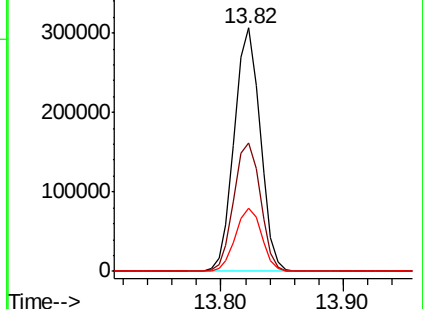
134 26.3 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.190 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012881.D

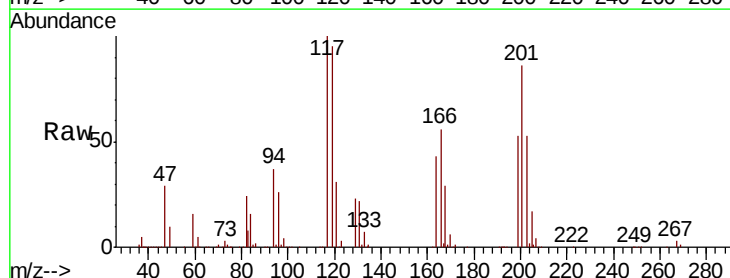
Acq: 10 Sep 2019 19:50

Tgt Ion: 117 Resp: 81939

Ion Ratio Lower Upper

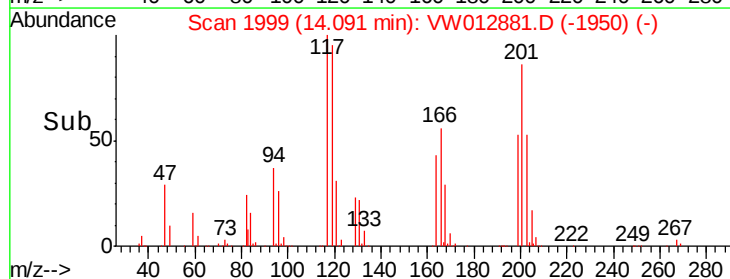
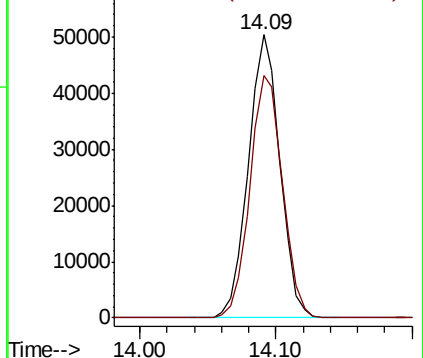
117 100

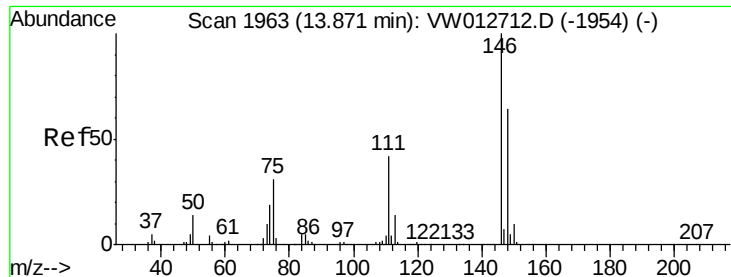
201 88.4 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

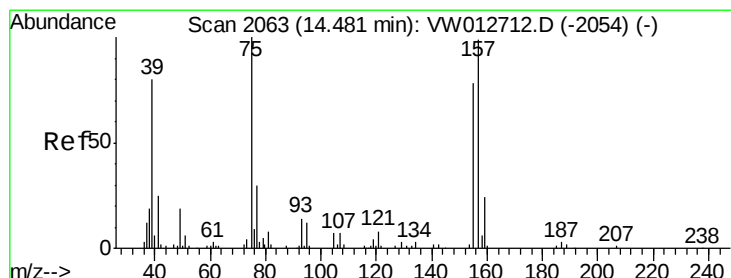
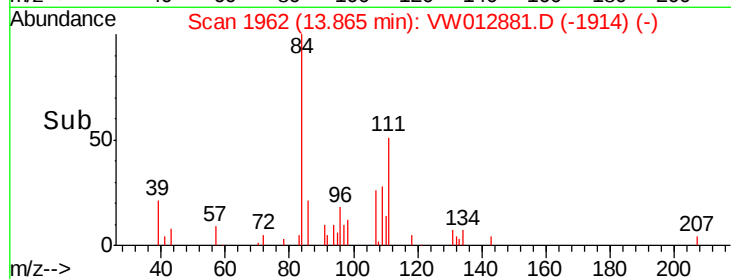
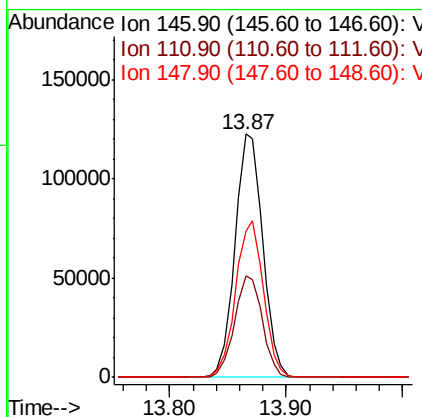
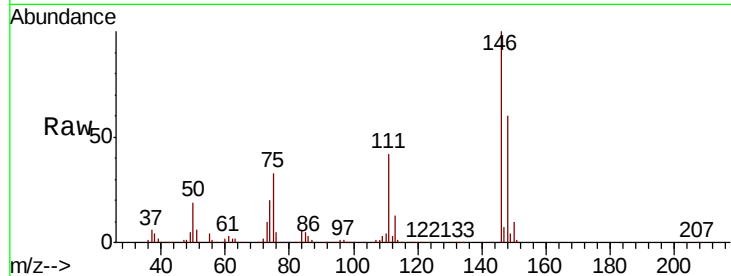




#91
 1,2-Dichlorobenzene
 Concen: 53.280 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

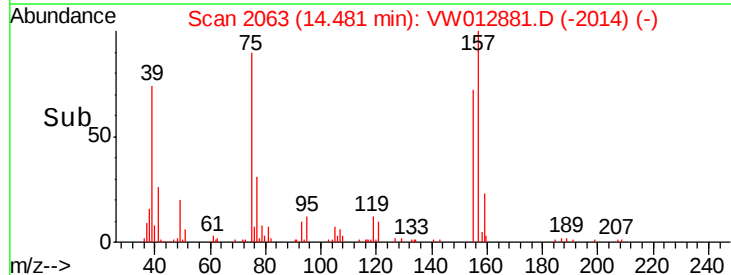
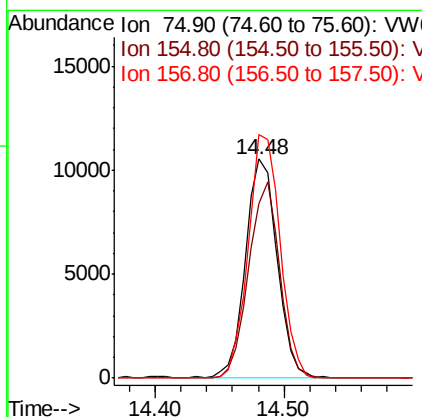
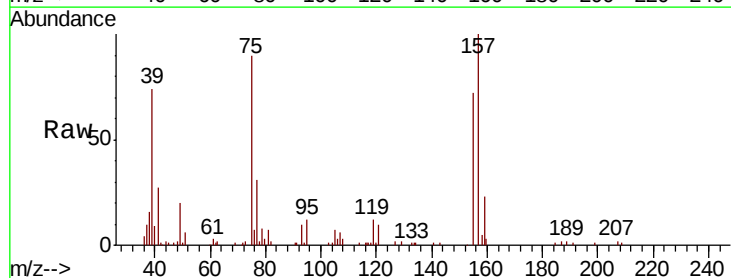
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

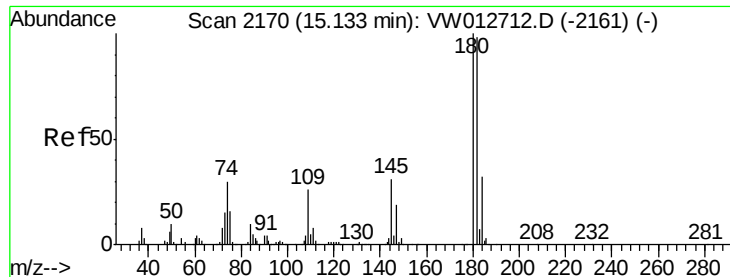
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.9
148	64.4	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.811 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	40.6	122.0
157	111.9	52.5	157.5

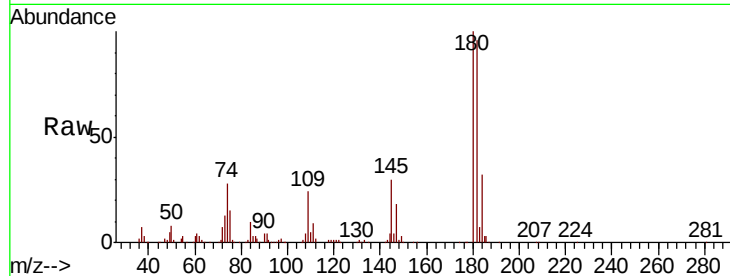




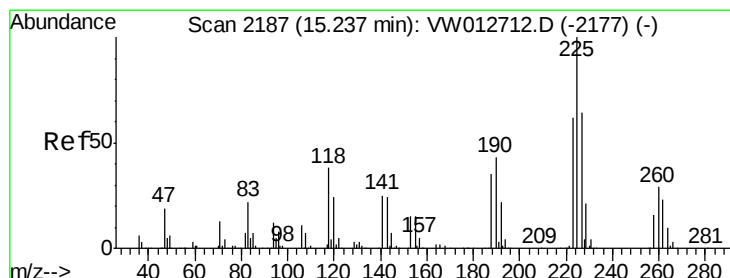
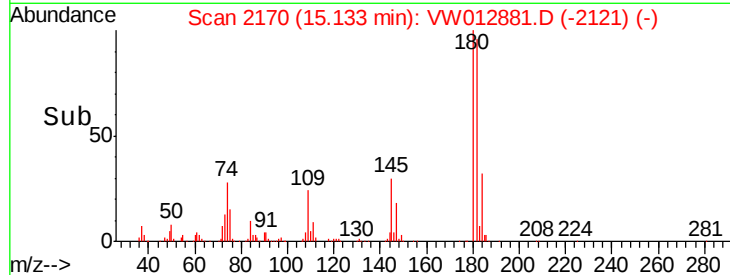
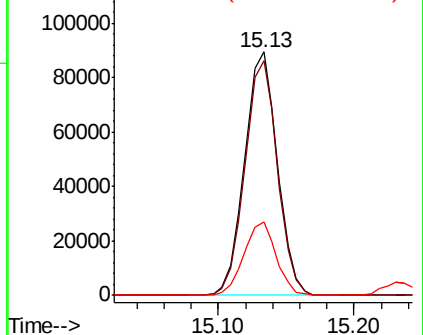
#93
 1,2,4-Trichlorobenzene
 Concen: 56.874 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 151142
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.7 146.1
 145 29.8 15.0 45.1

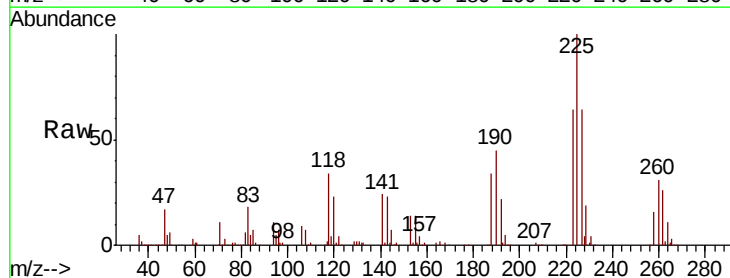


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

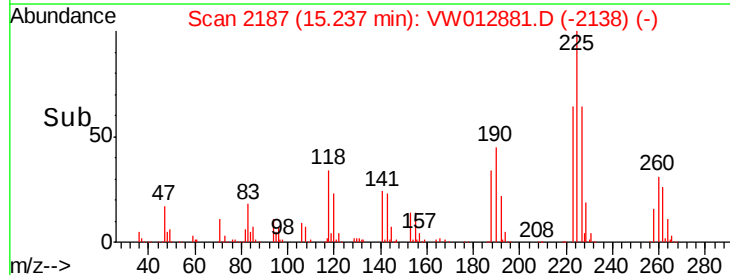
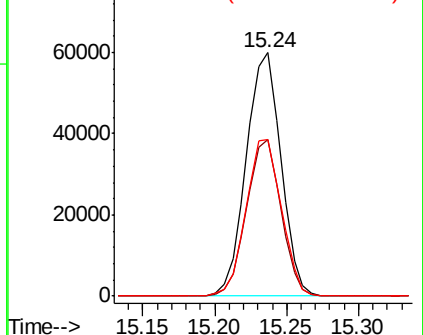


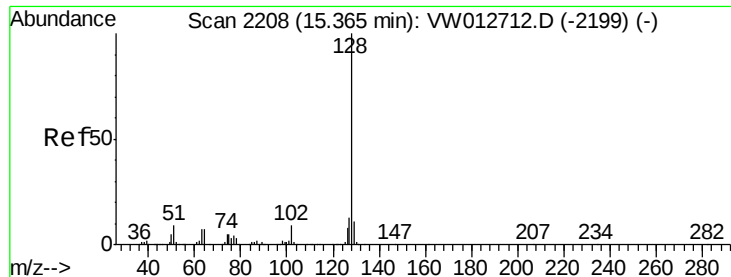
#94
 Hexachlorobutadiene
 Concen: 54.251 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012881.D
 Acq: 10 Sep 2019 19:50

Tgt Ion:225 Resp: 99791
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.1 93.3
 227 65.5 31.4 94.2



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

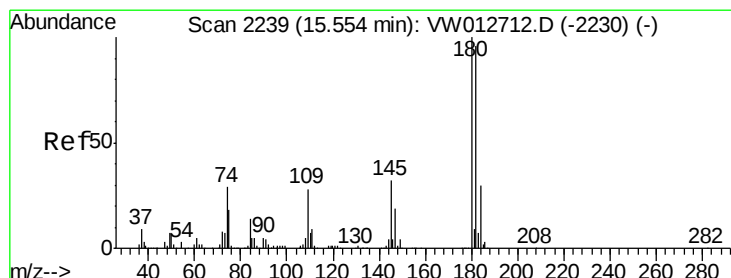
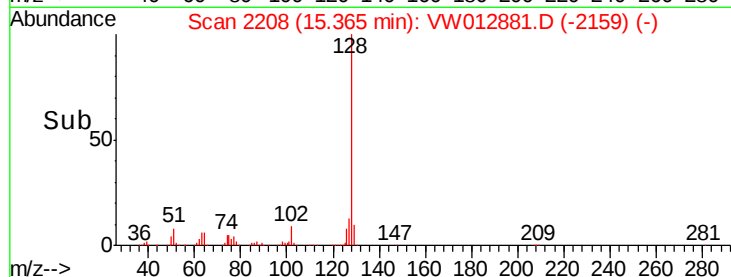
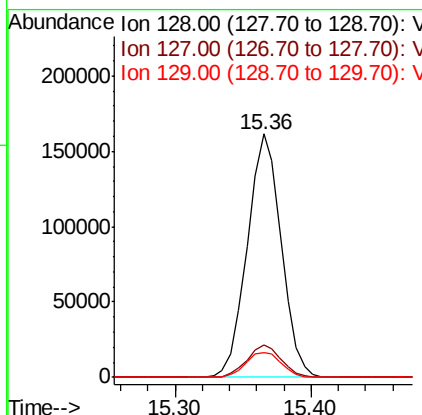
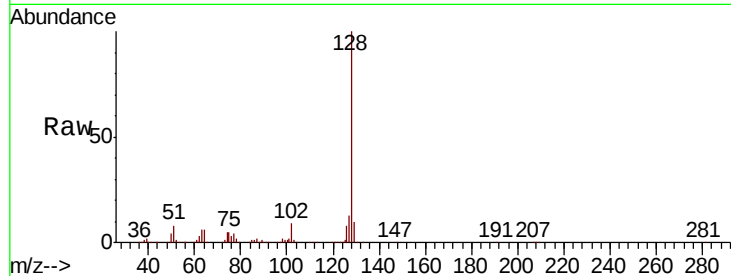




#95
Naphthalene
Concen: 50.704 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 282836
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.910 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012881.D
Acq: 10 Sep 2019 19:50

Tgt Ion:180 Resp: 133497
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 30.7 15.4 46.2

