

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011680.D
 Acq On : 03 Aug 2019 22:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 03 23:28:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146515	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
35) Dibromofluoromethane	7.88	113	116691	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	
50) Toluene-d8	10.32	98	471890	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.62	95	170898	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65364	52.274	ug/l	97
3) Chloromethane	2.21	50	102420	47.237	ug/l	100
4) Vinyl Chloride	2.36	62	125732	48.166	ug/l	99
5) Bromomethane	2.77	94	68622	47.493	ug/l	100
6) Chloroethane	2.92	64	73762	49.468	ug/l	100
7) Trichlorofluoromethane	3.25	101	55872	47.892	ug/l	92
8) Diethyl Ether	3.68	74	70529	53.321	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113542	51.306	ug/l	98
10) Methyl Iodide	4.27	142	161458	51.626	ug/l	99
11) Tert butyl alcohol	5.17	59	48071	253.049	ug/l	99
12) 1,1-Dichloroethene	4.04	96	116531	49.871	ug/l	97
13) Acrolein	3.89	56	55376	299.561	ug/l	99
14) Allyl chloride	4.67	41	253786	51.066	ug/l	99
15) Acrylonitrile	5.37	53	178870	270.896	ug/l	100
16) Acetone	4.12	43	164850m	201.156	ug/l	
17) Carbon Disulfide	4.38	76	366463	50.109	ug/l	99
18) Methyl Acetate	4.67	43	110033	59.767	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	200984	54.203	ug/l	99
20) Methylene Chloride	4.92	84	136393	48.258	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	131874	52.348	ug/l	98
22) Diisopropyl ether	6.31	45	499521	53.311	ug/l	98
23) Vinyl Acetate	6.25	43	1538899	261.379	ug/l	99
24) 1,1-Dichloroethane	6.21	63	267453	53.297	ug/l	98
25) 2-Butanone	7.17	43	257231	239.874	ug/l	98
26) 2,2-Dichloropropane	7.17	77	131096	42.479	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143884	51.896	ug/l	100
28) Bromochloromethane	7.51	49	127969	57.452	ug/l #	99
29) Tetrahydrofuran	7.53	42	169385	276.335	ug/l	99
30) Chloroform	7.68	83	243306	52.554	ug/l	100
31) Cyclohexane	7.95	56	232410	48.247	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	185601	52.641	ug/l	99
36) 1,1-Dichloropropene	8.08	75	196447	51.082	ug/l	100
37) Ethyl Acetate	7.25	43	116771	52.777	ug/l	99
38) Carbon Tetrachloride	8.07	117	169639	51.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	213428	50.401	ug/l	99
40) Benzene	8.32	78	557545	51.758	ug/l	99
41) Methacrylonitrile	7.48	41	72069	54.491	ug/l	97
42) 1,2-Dichloroethane	8.40	62	179692	53.280	ug/l	100
43) Isopropyl Acetate	8.42	43	221581	54.455	ug/l	99
44) Trichloroethene	9.09	130	134052	51.777	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151112	52.429	ug/l	100
46) Dibromomethane	9.46	93	69760	53.029	ug/l	99
47) Bromodichloromethane	9.64	83	183347	53.132	ug/l	99
48) Methyl methacrylate	9.43	41	107973	55.240	ug/l	99
49) 1,4-Dioxane	9.46	88	20321	1066.845	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	578476	273.317	ug/l	99
52) Toluene	10.38	92	337485	51.879	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	185852	51.558	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	222023	51.802	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98144	52.581	ug/l	99
56) Ethyl methacrylate	10.65	69	151114	55.327	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189201	53.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	379378	305.920	ug/l	100
59) 2-Hexanone	10.97	43	389887	260.901	ug/l	99
60) Dibromochloromethane	11.13	129	110875	53.515	ug/l	99
61) 1,2-Dibromoethane	11.23	107	94006	53.221	ug/l	100
64) Tetrachloroethene	10.86	164	114520	53.354	ug/l	98
65) Chlorobenzene	11.66	112	339547	51.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	120558	52.222	ug/l	99
67) Ethyl Benzene	11.73	91	655768	51.952	ug/l	100
68) m/p-Xylenes	11.84	106	474354	103.335	ug/l	100
69) o-Xylene	12.16	106	222877	52.248	ug/l	99
70) Styrene	12.18	104	389973	52.874	ug/l	100
71) Bromoform	12.35	173	63106	53.614	ug/l #	98
73) Isopropylbenzene	12.46	105	608921	50.503	ug/l	100
74) N-amyl acetate	12.27	43	199137	52.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	120797	53.263	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	83558m	48.861	ug/l	
77) Bromobenzene	12.74	156	136596	51.256	ug/l	99
78) n-propylbenzene	12.80	91	747284	50.927	ug/l	99
79) 2-Chlorotoluene	12.89	91	429622	50.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	525572	52.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37550	50.605	ug/l	97
82) 4-Chlorotoluene	12.99	91	452375	51.004	ug/l	100
83) tert-Butylbenzene	13.21	119	435955	51.581	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	527530	51.814	ug/l	99
85) sec-Butylbenzene	13.38	105	614347	50.942	ug/l	100
86) p-Isopropyltoluene	13.50	119	554318	50.660	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	267749	51.239	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	263063	50.608	ug/l	100
89) n-Butylbenzene	13.82	91	549342	50.309	ug/l	100
90) Hexachloroethane	14.09	117	99659	51.508	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	236062	51.077	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20744	53.638	ug/l	99

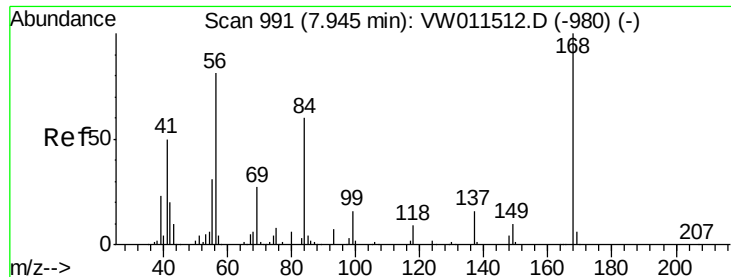
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	169113	51.920	ug/l	99
94) Hexachlorobutadiene	15.24	225	100650	49.551	ug/l	98
95) Naphthalene	15.36	128	325954	51.042	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	150458	52.697	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: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

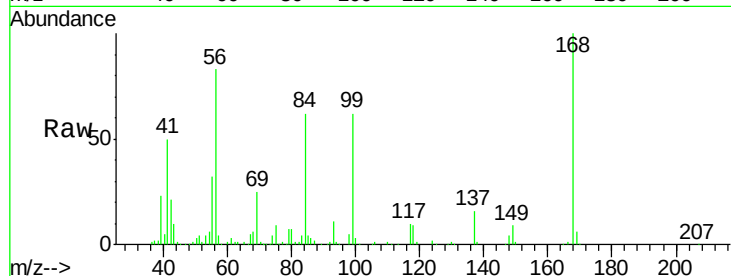
VSTDCCC050

Tot Ion:168 Resp: 224362

Ion Ratio Lower Upper

168 100

99 62.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

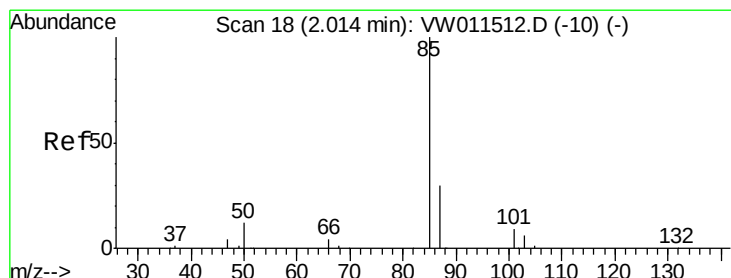
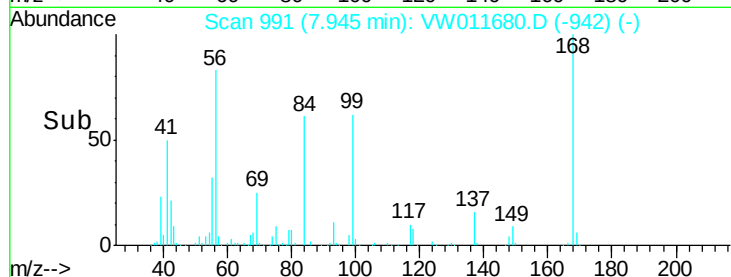
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 52.274 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011680.D

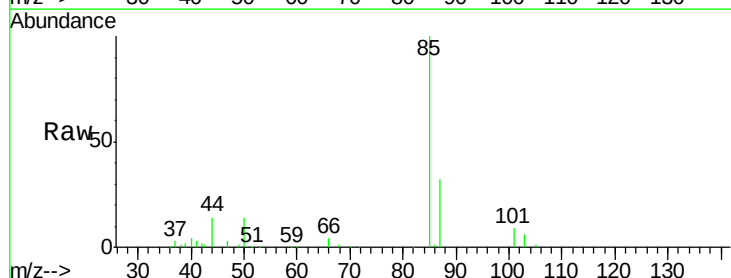
Acq: 03 Aug 2019 22:41

Tgt Ion: 85 Resp: 65364

Ion Ratio Lower Upper

85 100

87 31.9 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

10000

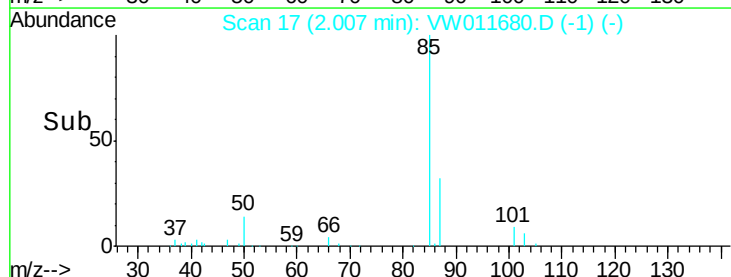
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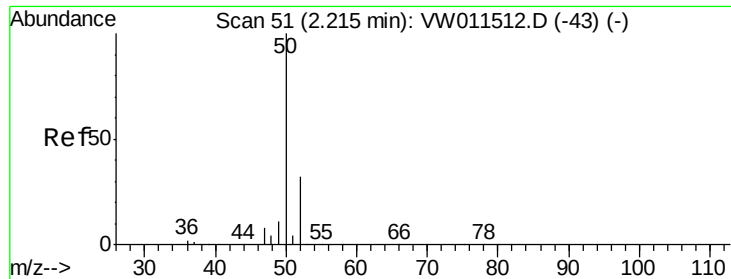
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 47.237 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

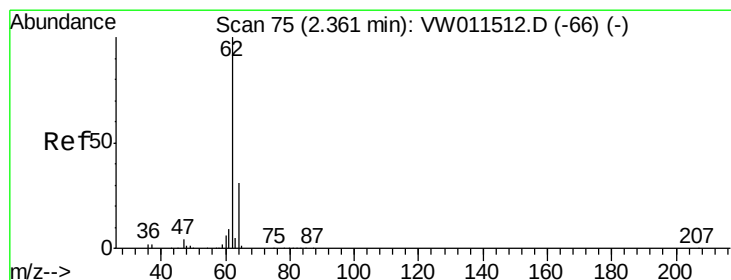
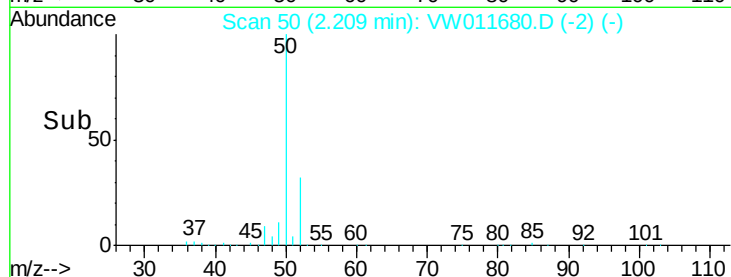
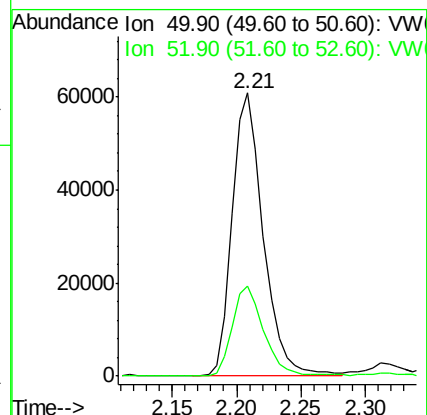
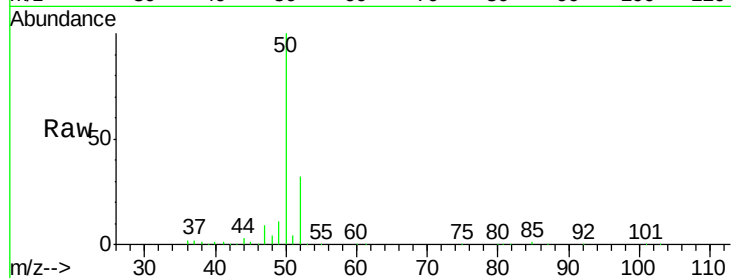
VSTDCCC050

Tot Ion: 50 Resp: 102420

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.2



#4

Vinyl Chloride

Concen: 48.166 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011680.D

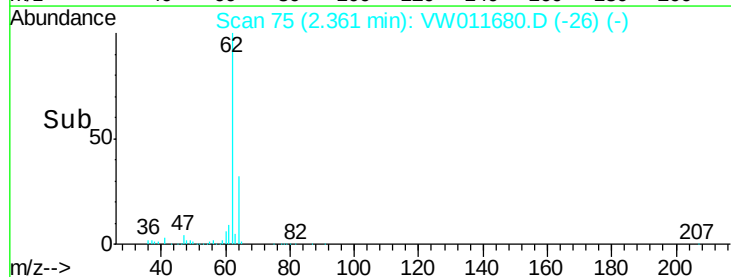
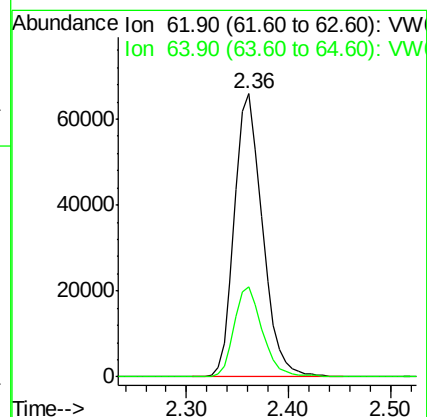
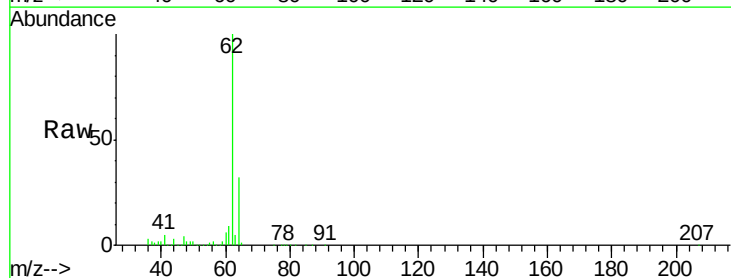
Acq: 03 Aug 2019 22:41

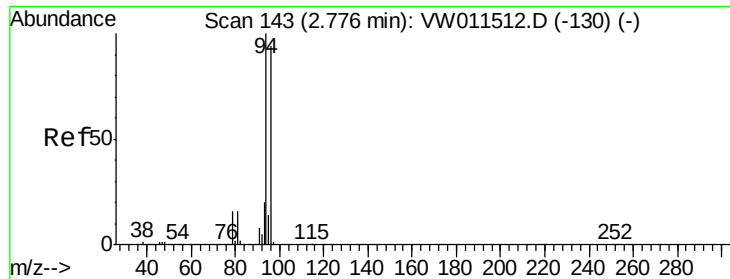
Tgt Ion: 62 Resp: 125732

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 47.493 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

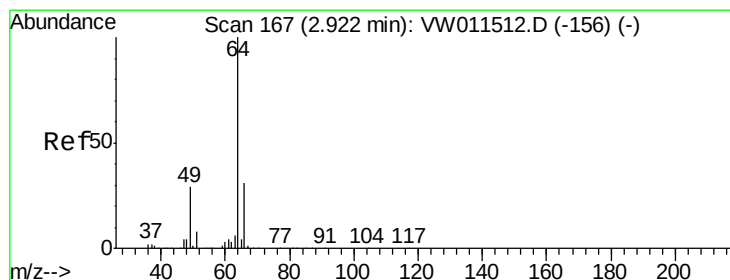
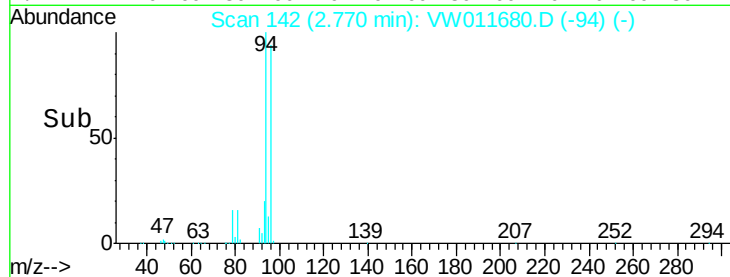
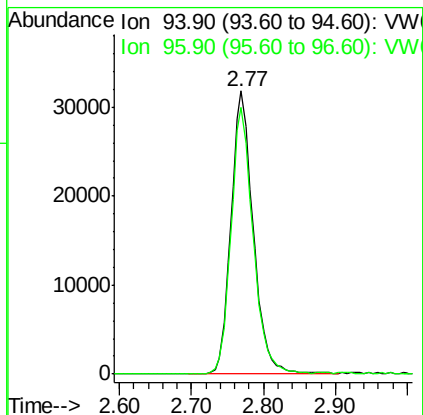
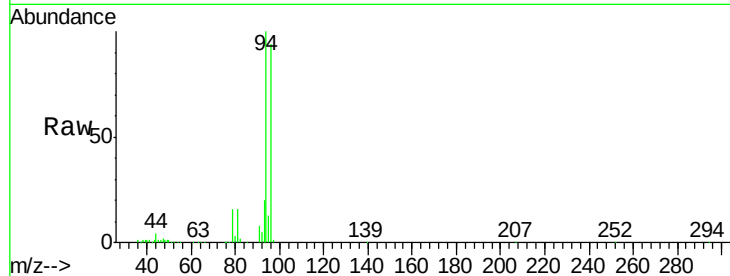
VSTDCCC050

Tot Ion: 94 Resp: 68622

Ion Ratio Lower Upper

94 100

96 94.1 75.0 112.6



#6

Chloroethane

Concen: 49.468 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011680.D

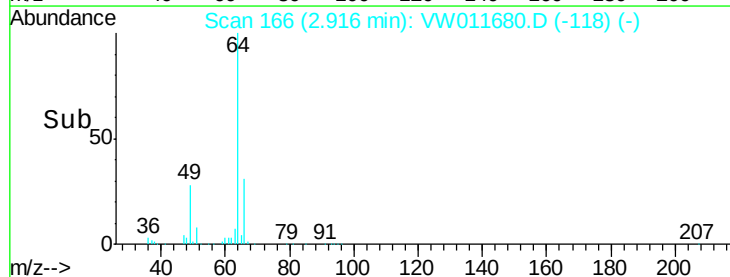
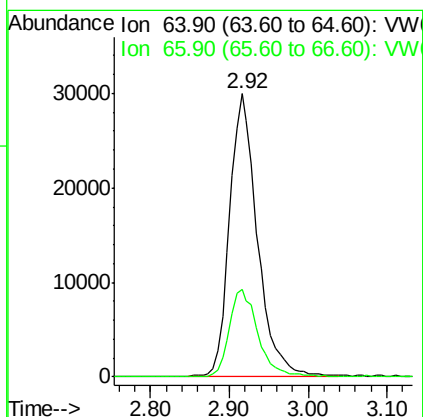
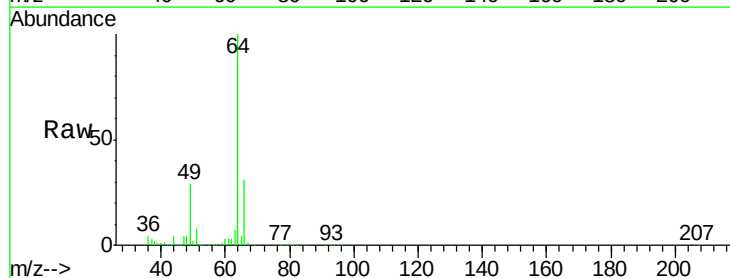
Acq: 03 Aug 2019 22:41

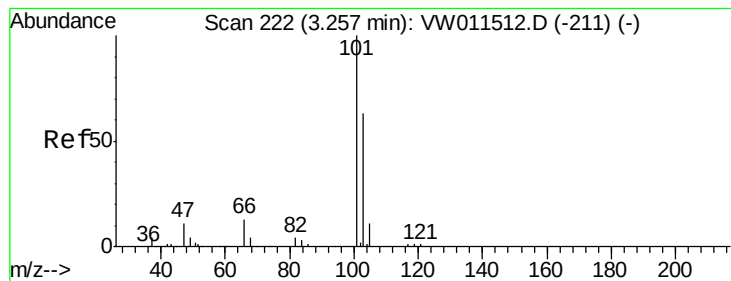
Tgt Ion: 64 Resp: 73762

Ion Ratio Lower Upper

64 100

66 30.9 24.6 36.8



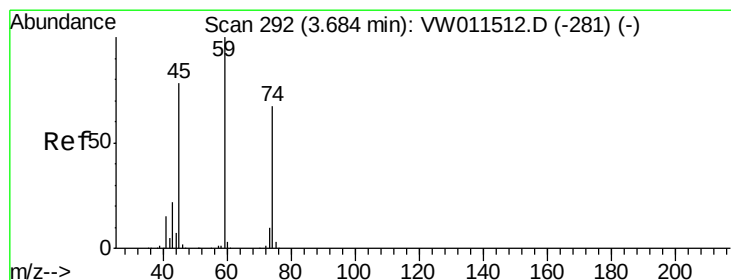
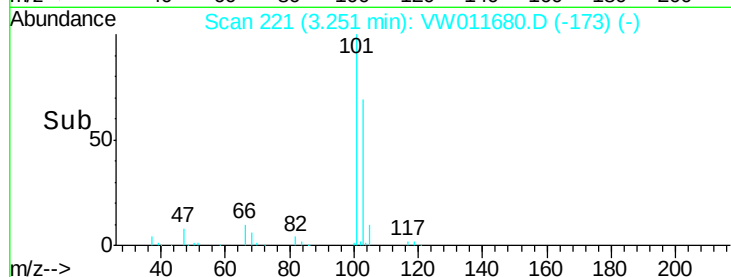
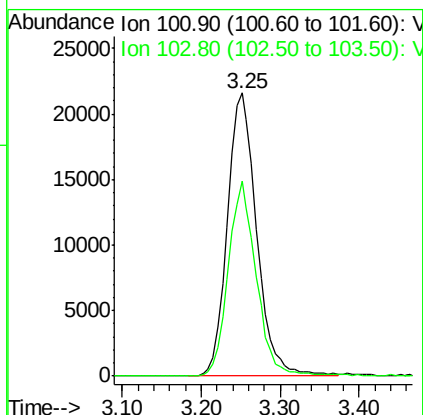
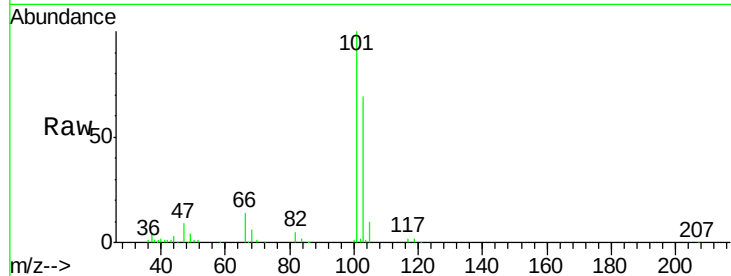


#7

Trichlorofluoromethane
 Concen: 47.892 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

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 VSTDCCC050

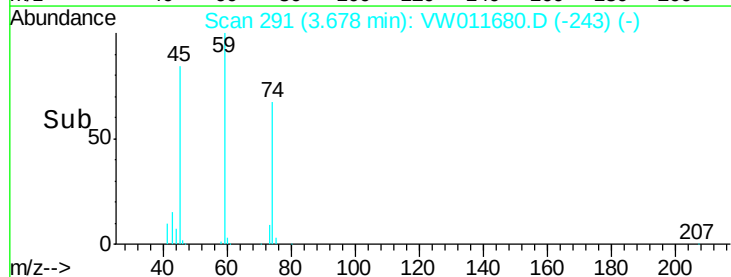
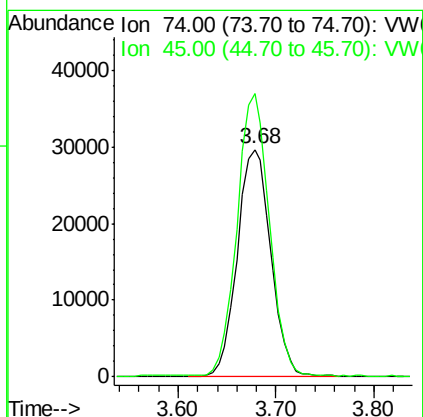
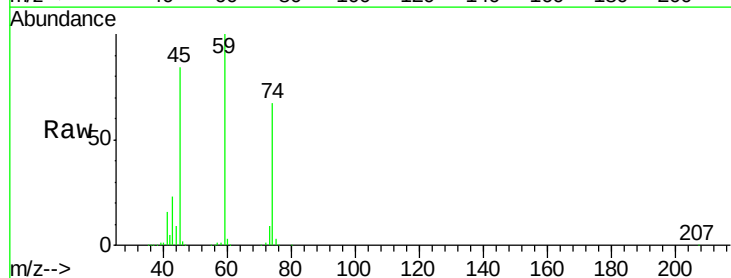
Tot Ion:101 Resp: 55872
 Ion Ratio Lower Upper
 101 100
 103 69.0 50.2 75.4

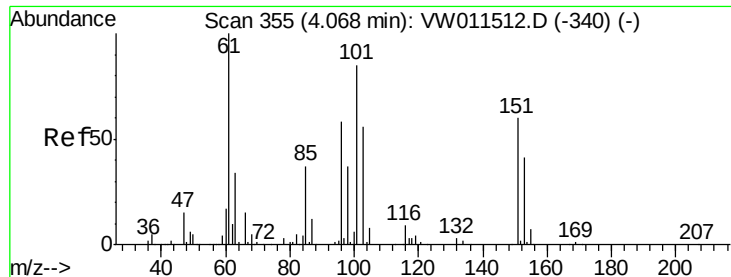


#8

Diethyl Ether
 Concen: 53.321 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 74 Resp: 70529
 Ion Ratio Lower Upper
 74 100
 45 119.6 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.306 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

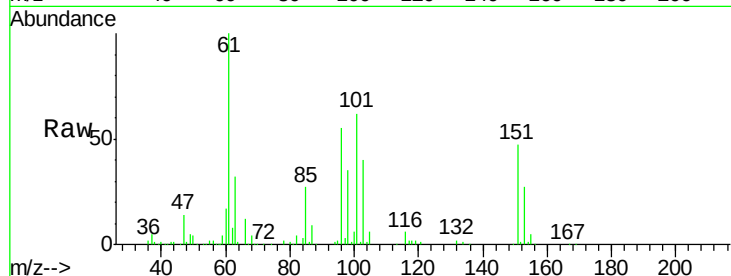
Tot Ion:101 Resp: 113542

Ion Ratio Lower Upper

101 100

85 43.7 36.6 54.8

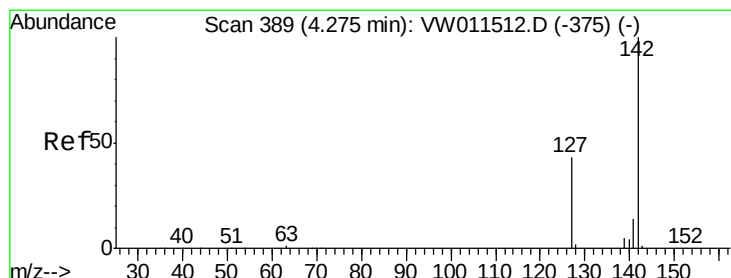
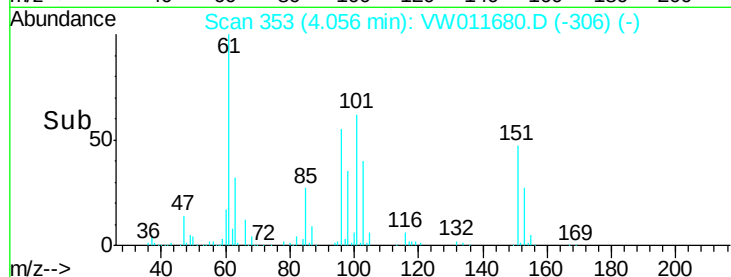
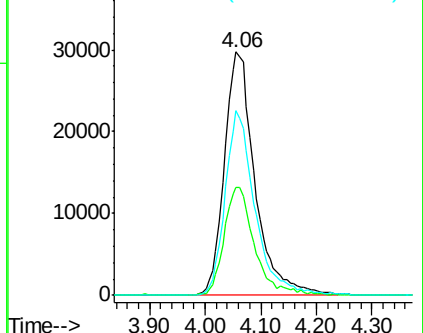
151 73.9 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.626 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

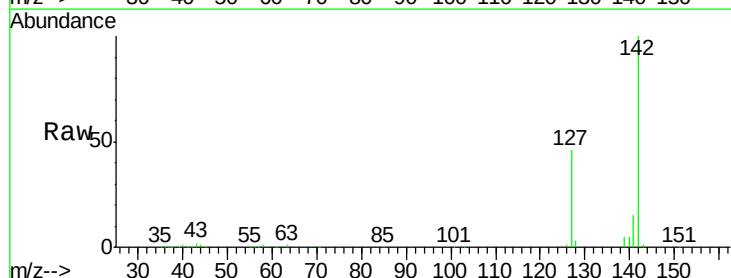
Tgt Ion:142 Resp: 161458

Ion Ratio Lower Upper

142 100

127 44.5 35.0 52.6

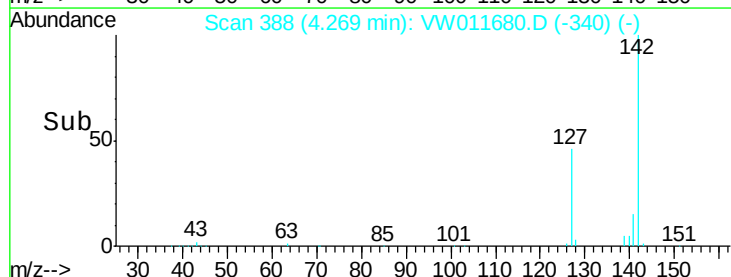
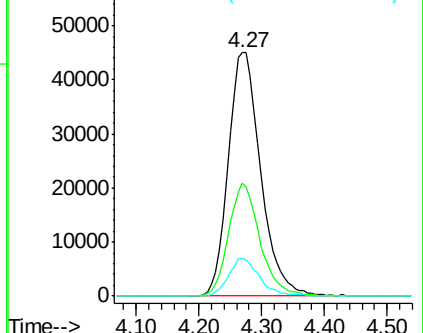
141 14.7 11.9 17.9

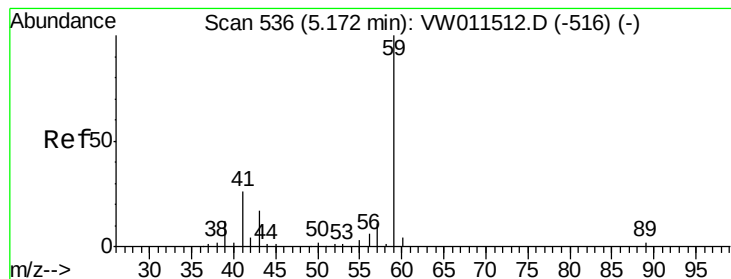


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 253.049 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

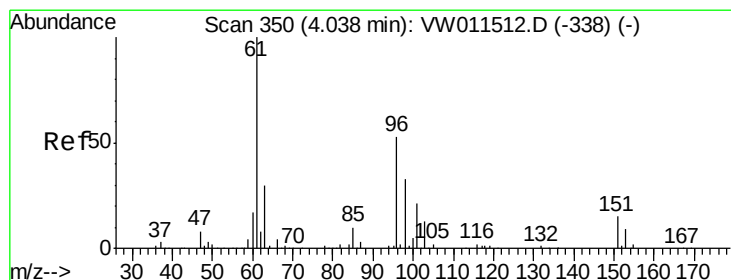
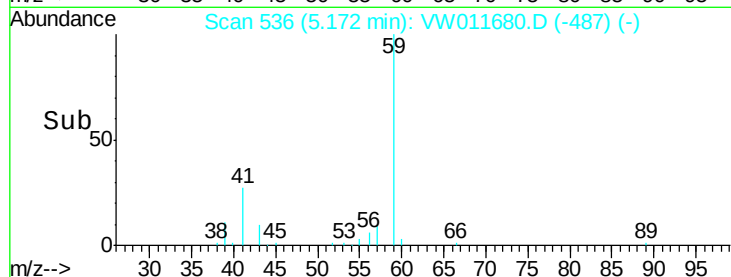
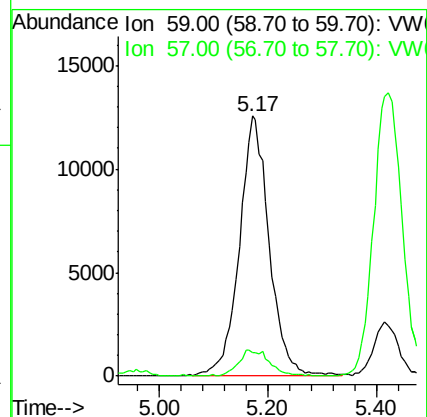
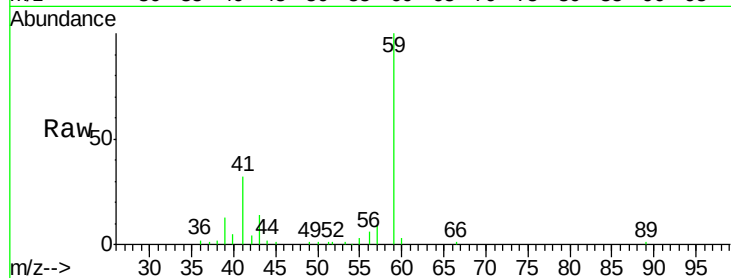
VSTDCCC050

Tot Ion: 59 Resp: 48071

Ion Ratio Lower Upper

59 100

57 10.2 8.5 12.7



#12

1,1-Dichloroethene

Concen: 49.871 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

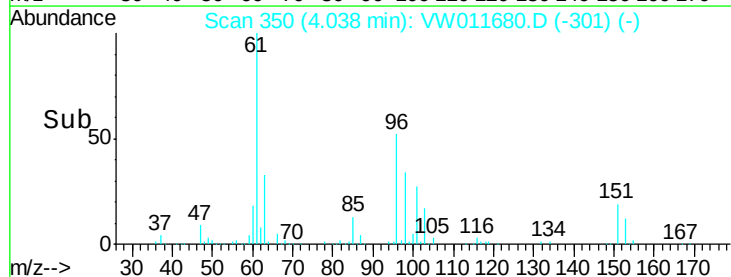
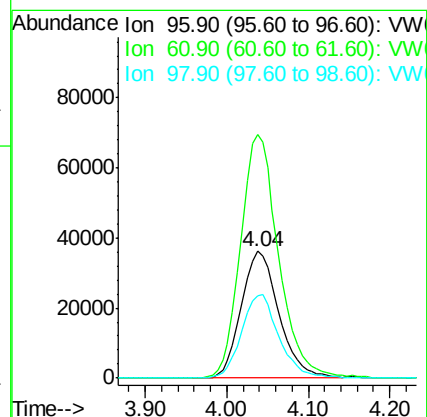
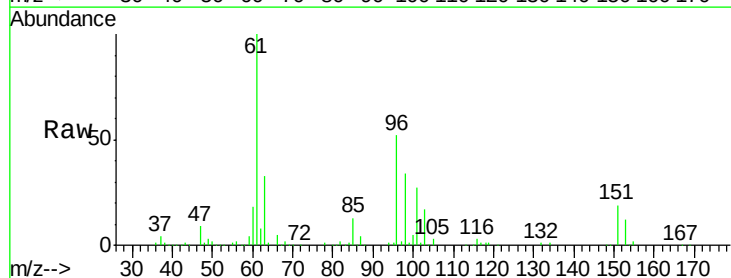
Tgt Ion: 96 Resp: 116531

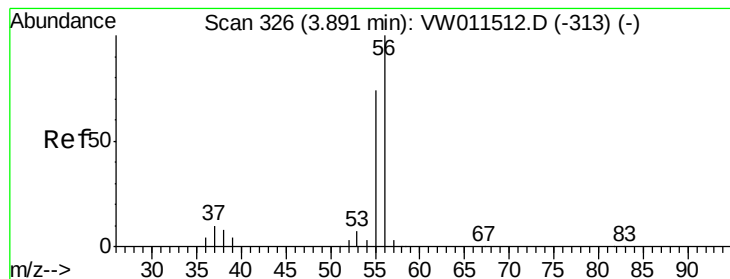
Ion Ratio Lower Upper

96 100

61 191.7 149.9 224.9

98 65.3 49.1 73.7





#13

Acrolein

Concen: 299.561 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

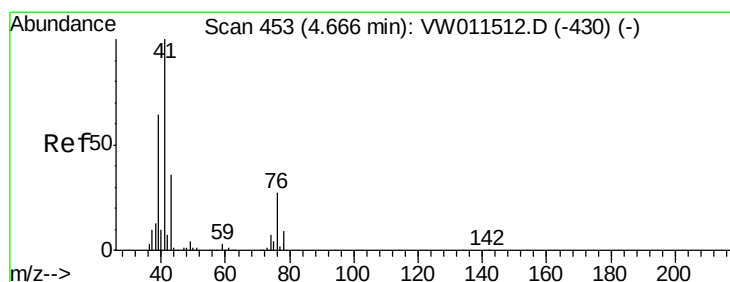
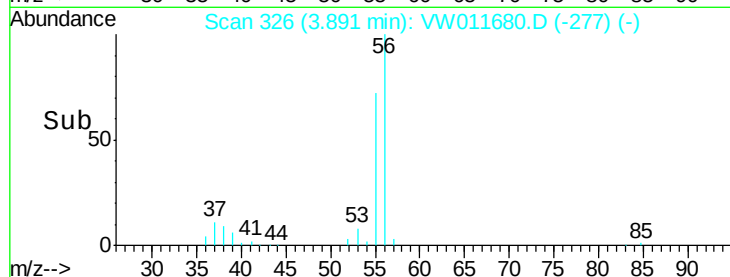
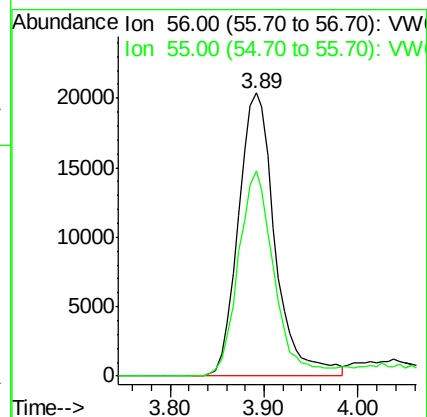
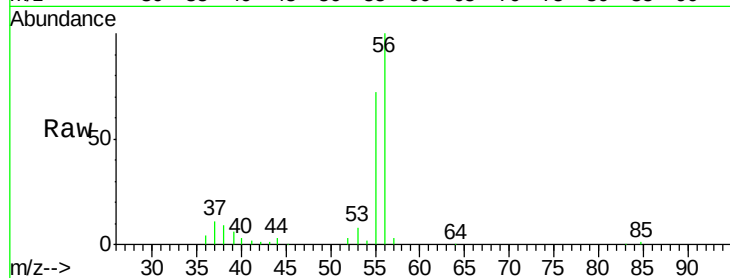
VSTDCCC050

Tot Ion: 56 Resp: 55376

Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0



#14

Allyl chloride

Concen: 51.066 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

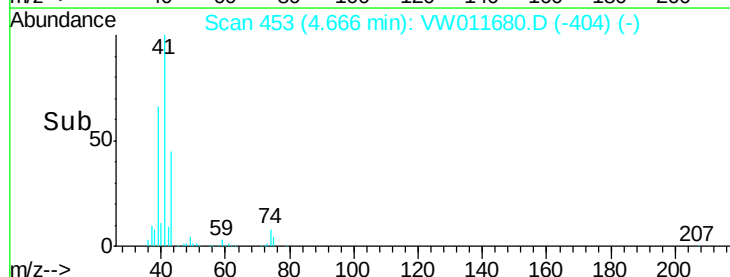
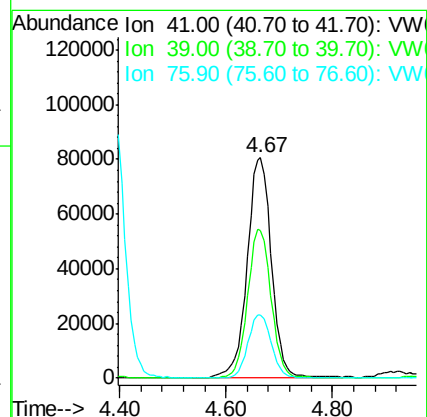
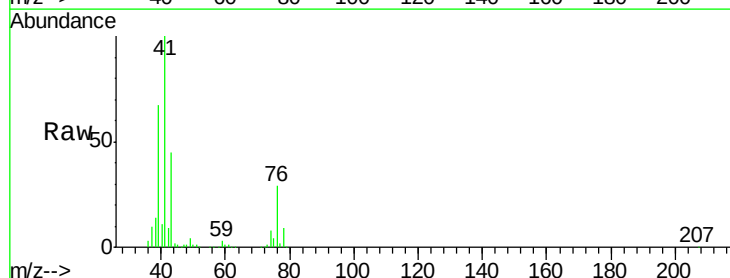
Tgt Ion: 41 Resp: 253786

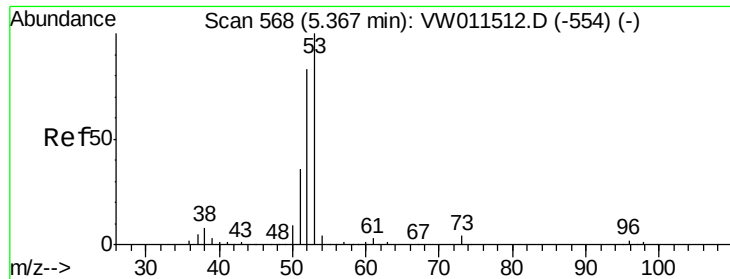
Ion Ratio Lower Upper

41 100

39 65.1 52.6 78.8

76 27.5 22.0 33.0





#15

Acrylonitrile

Concen: 270.896 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

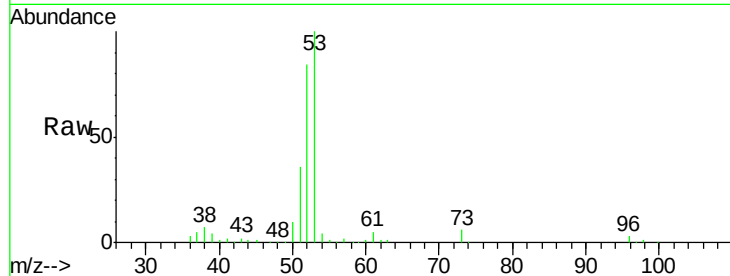
Tot Ion: 53 Resp: 178870

Ion Ratio Lower Upper

53 100

52 83.8 67.2 100.8

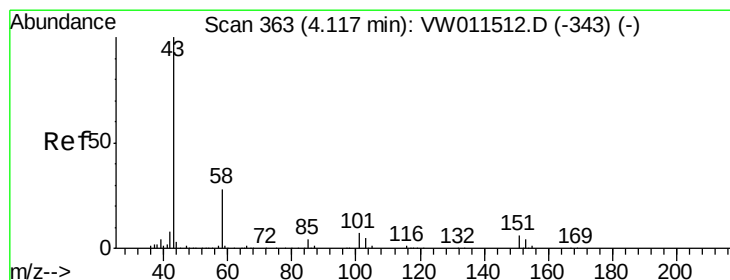
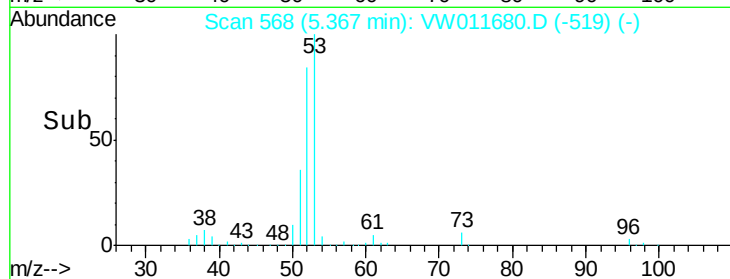
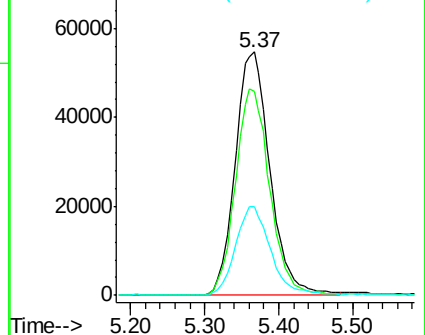
51 36.9 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 201.156 ug/l m

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011680.D

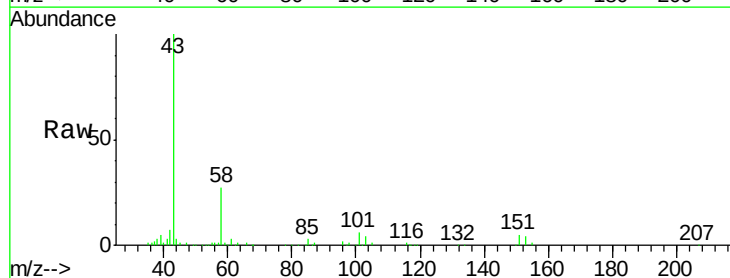
Acq: 03 Aug 2019 22:41

Tgt Ion: 43 Resp: 164850

Ion Ratio Lower Upper

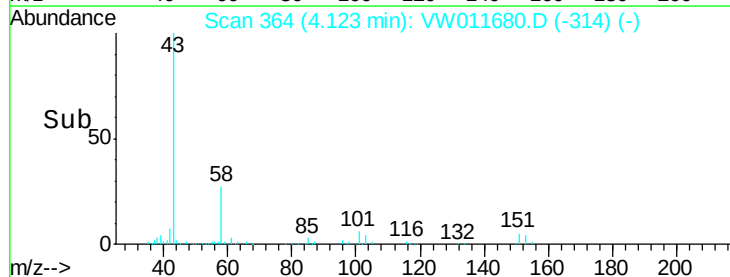
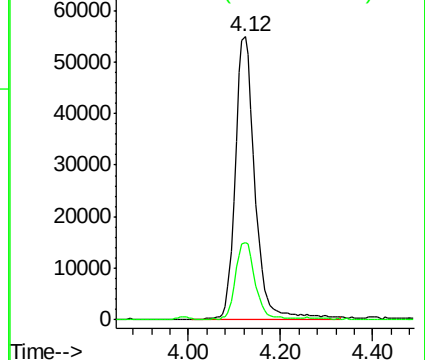
43 100

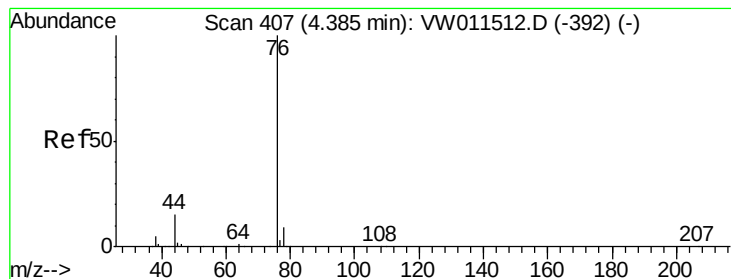
58 27.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 50.109 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

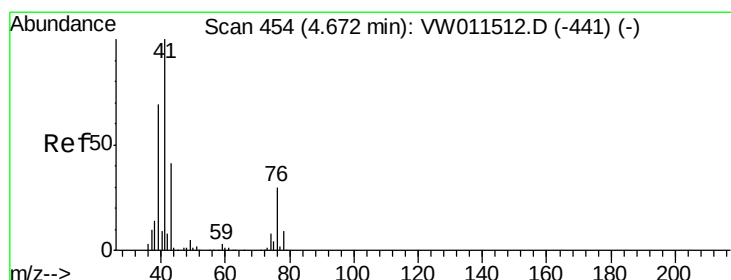
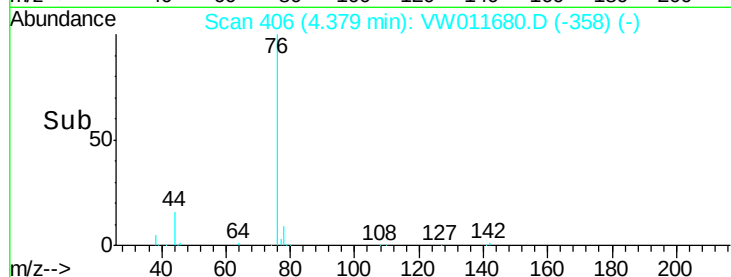
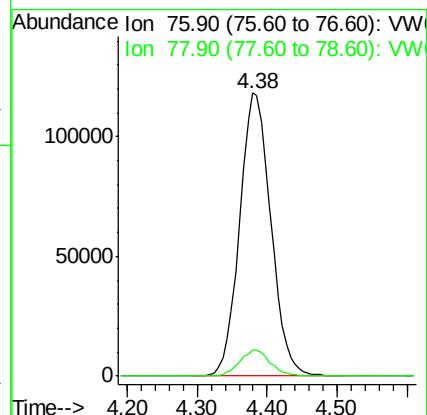
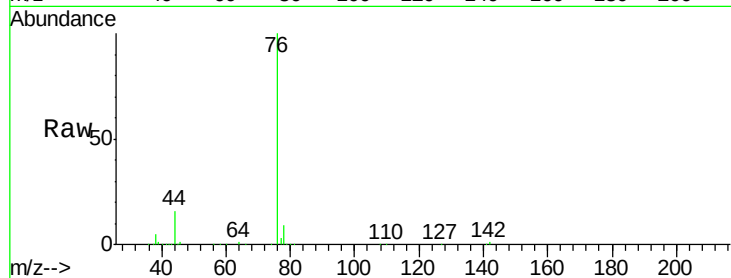
VSTDCCC050

Tot Ion: 76 Resp: 366463

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 59.767 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011680.D

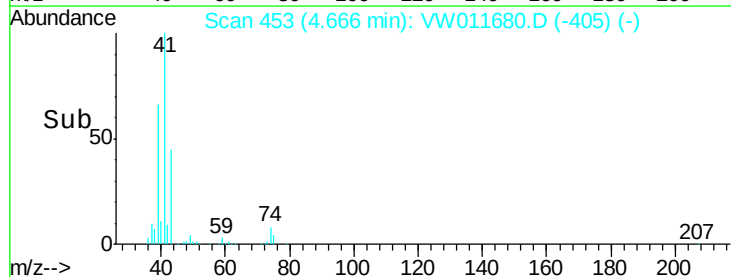
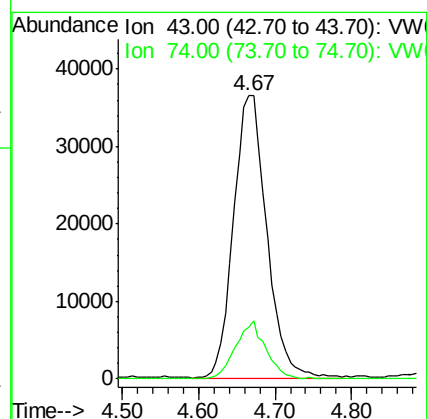
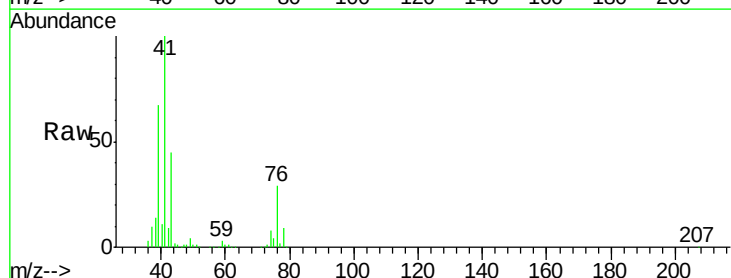
Acq: 03 Aug 2019 22:41

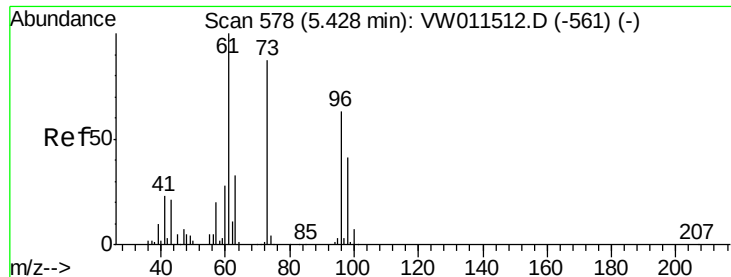
Tgt Ion: 43 Resp: 110033

Ion Ratio Lower Upper

43 100

74 18.4 15.9 23.9

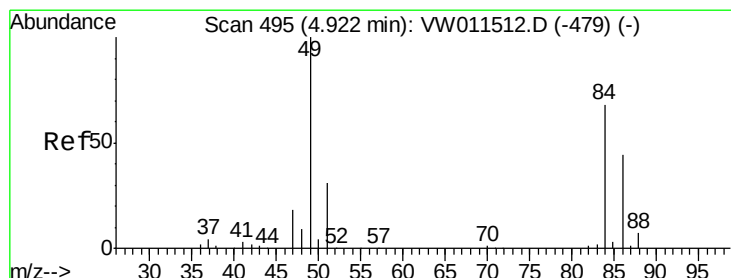
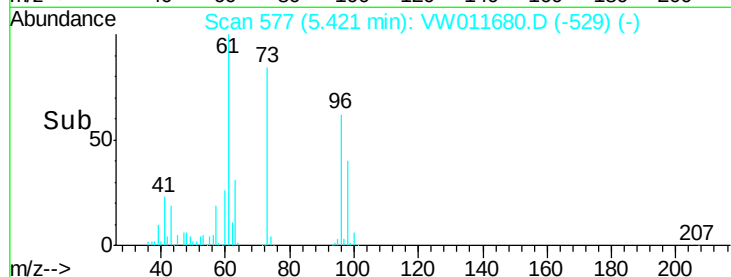
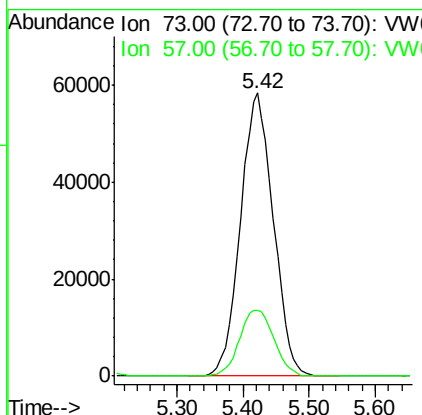
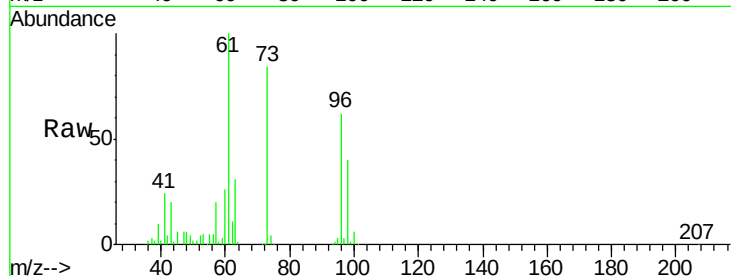




#19
Methyl tert-butyl Ether
Concen: 54.203 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

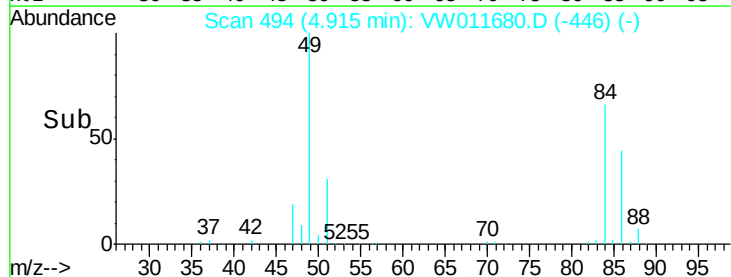
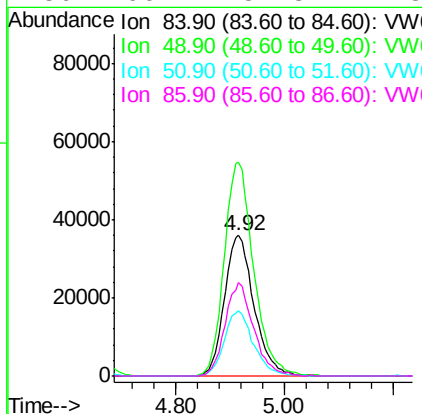
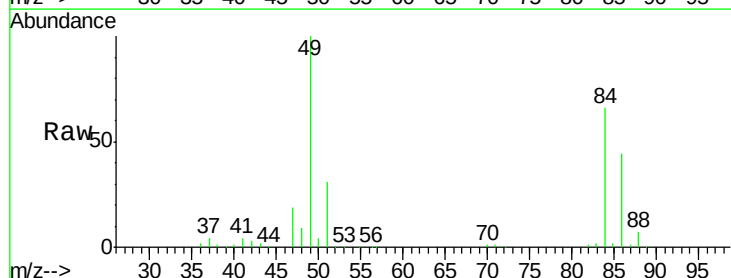
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

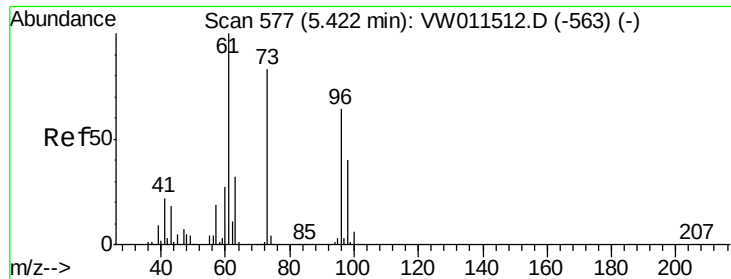
Tot Ion: 73 Resp: 200984
Ion Ratio Lower Upper
73 100
57 23.4 18.4 27.6



#20
Methylene Chloride
Concen: 48.258 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 84 Resp: 136393
Ion Ratio Lower Upper
84 100
49 152.3 117.8 176.6
51 46.5 37.0 55.4
86 66.4 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 52.348 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

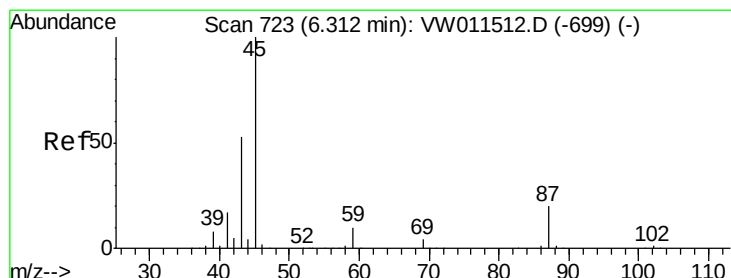
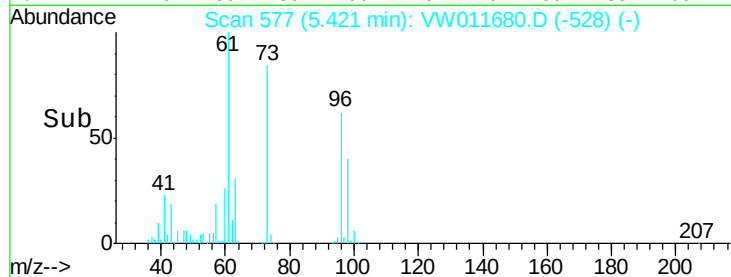
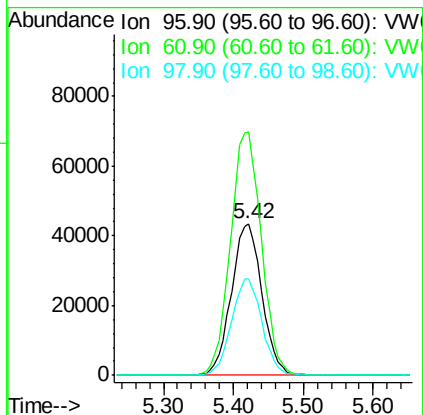
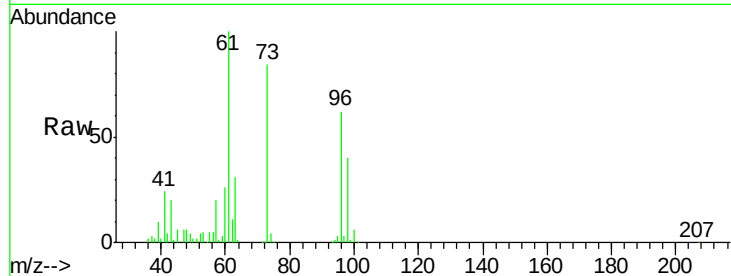
Tot Ion: 96 Resp: 131874

Ion Ratio Lower Upper

96 100

61 160.7 125.7 188.5

98 63.5 50.3 75.5



#22

Diisopropyl ether

Concen: 53.311 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Tgt Ion: 45 Resp: 499521

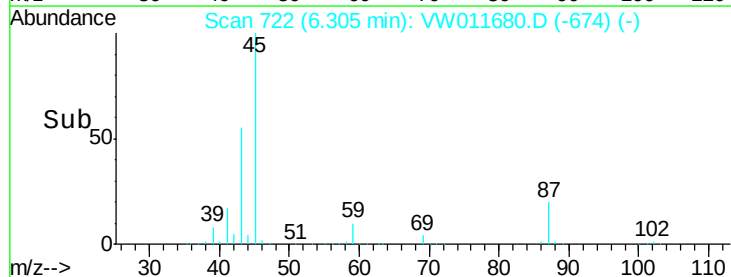
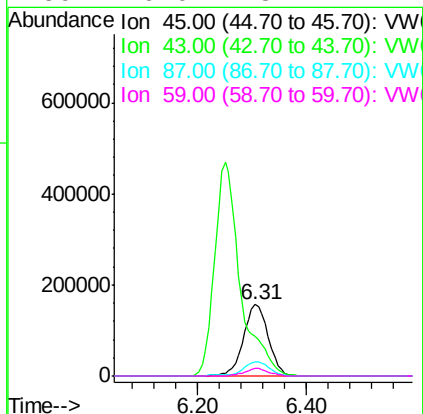
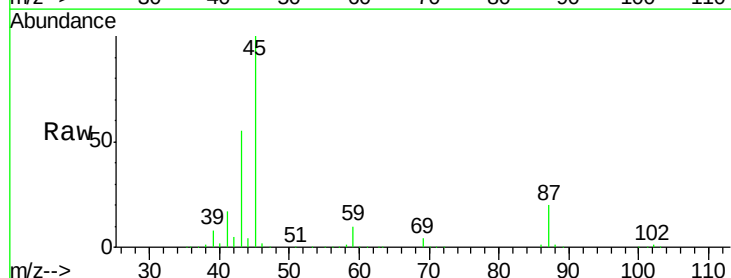
Ion Ratio Lower Upper

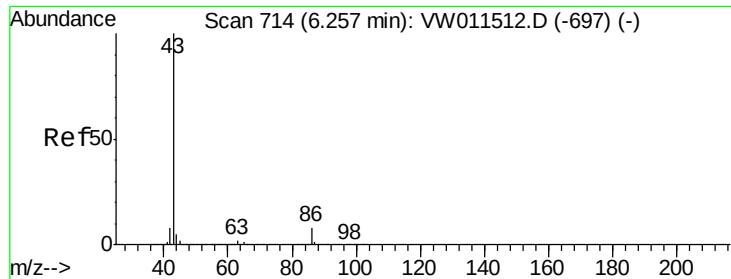
45 100

43 55.2 42.6 63.8

87 20.4 16.4 24.6

59 10.0 8.2 12.2





#23

Vinyl Acetate

Concen: 261.379 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampled :

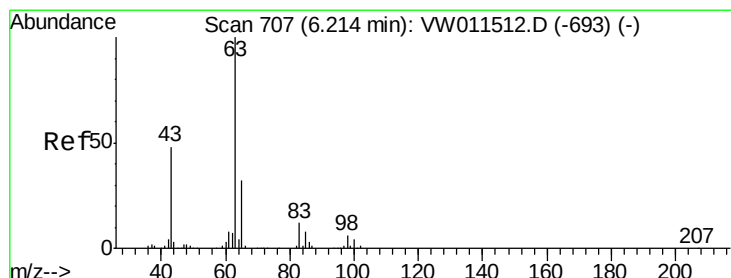
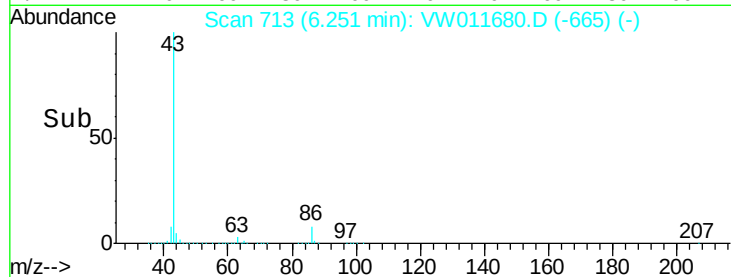
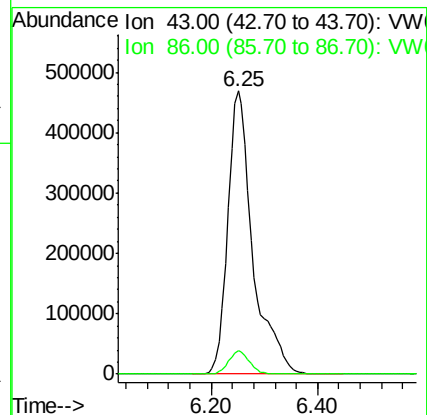
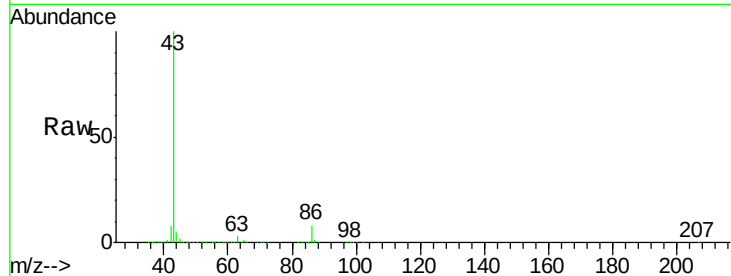
VSTDCCC050

Tot Ion: 43 Resp: 1538899

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



#24

1,1-Dichloroethane

Concen: 53.297 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

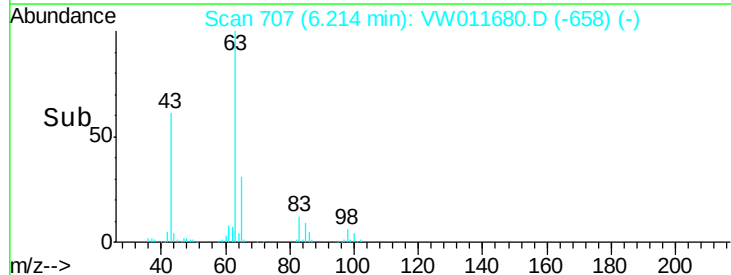
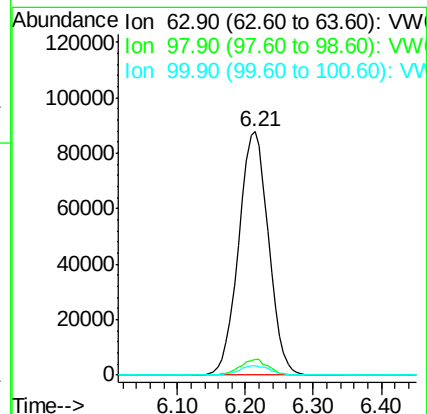
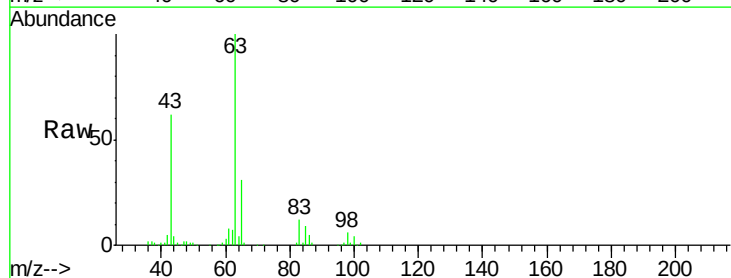
Tgt Ion: 63 Resp: 267453

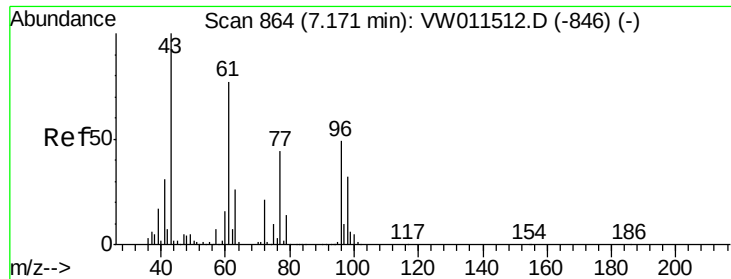
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.8 2.1 6.3

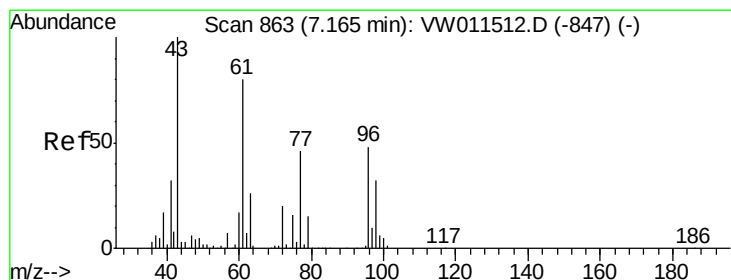
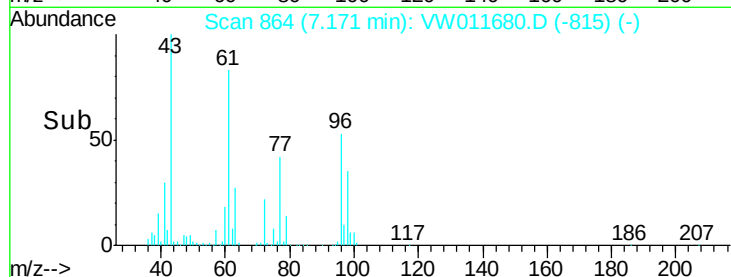
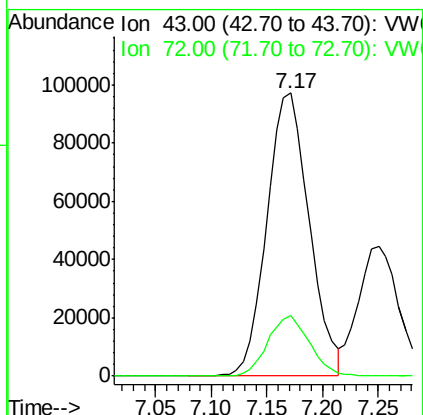
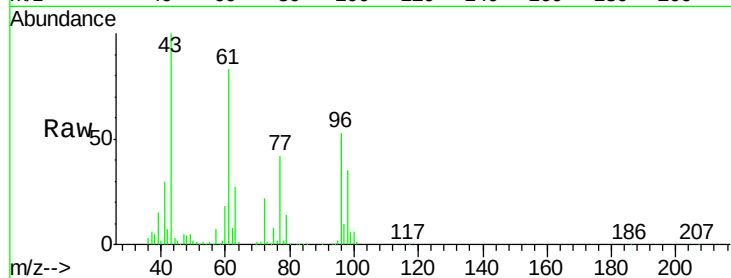




#25
 2-Butanone
 Concen: 239.874 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

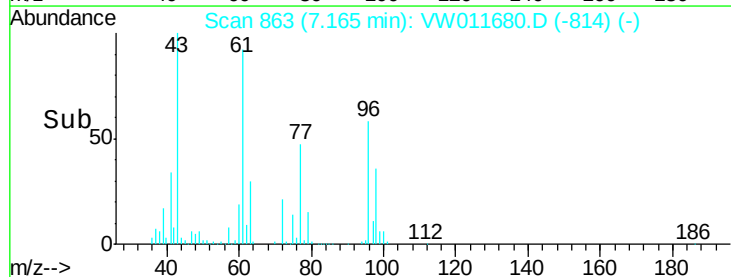
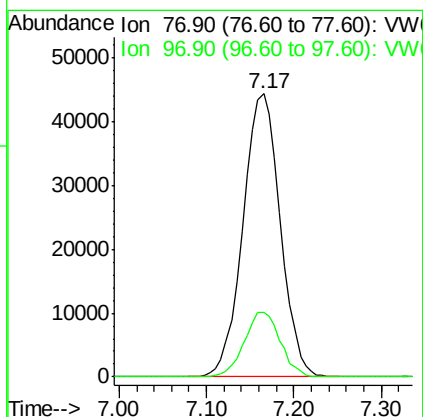
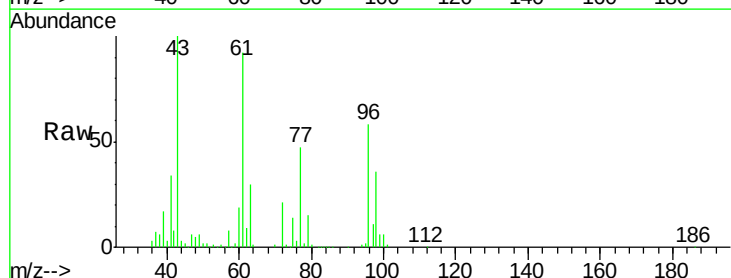
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

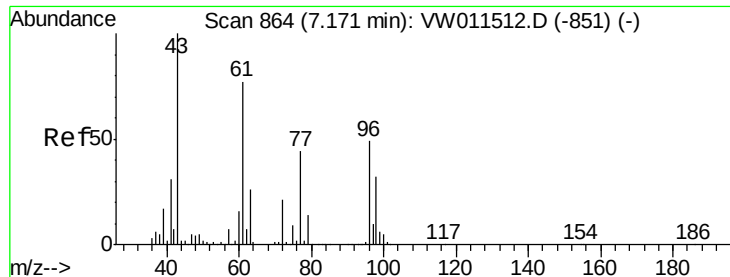
Tot Ion: 43 Resp: 257231
 Ion Ratio Lower Upper
 43 100
 72 21.6 16.6 24.8



#26
 2,2-Dichloropropane
 Concen: 42.479 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 77 Resp: 131096
 Ion Ratio Lower Upper
 77 100
 97 22.2 10.8 32.4



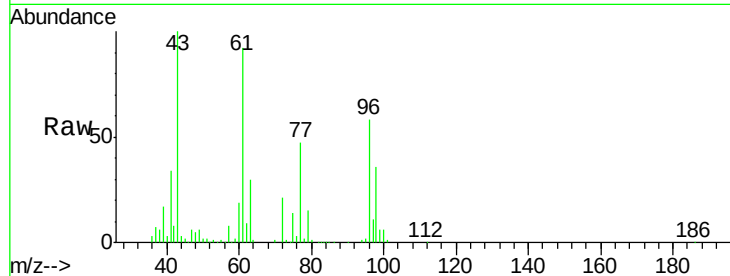


#27

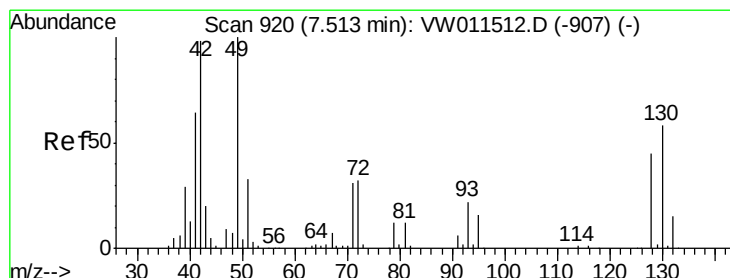
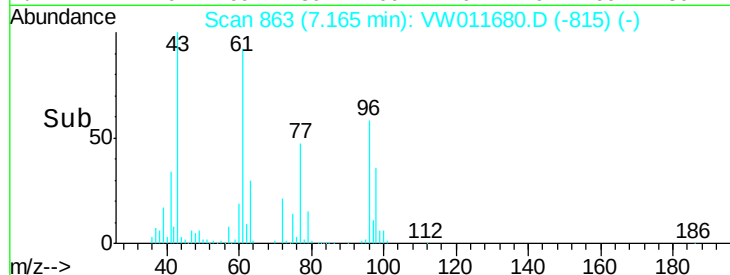
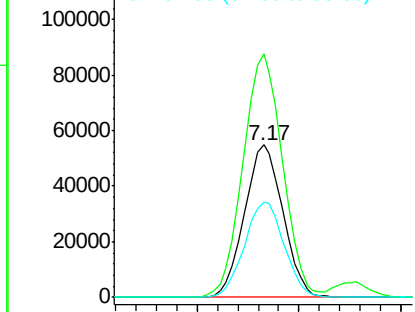
cis-1,2-Dichloroethene
Concen: 51.896 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 143884
Ion Ratio Lower Upper
96 100
61 163.8 0.0 328.4
98 64.4 0.0 128.8



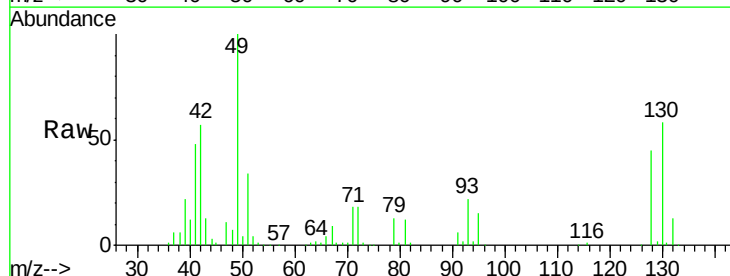
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



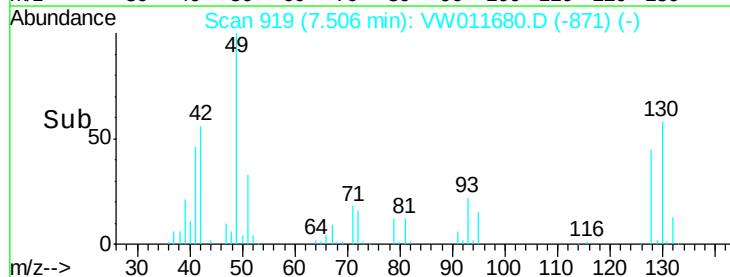
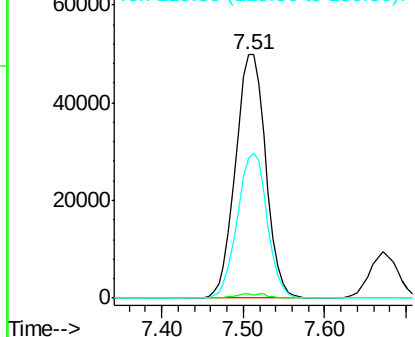
#28

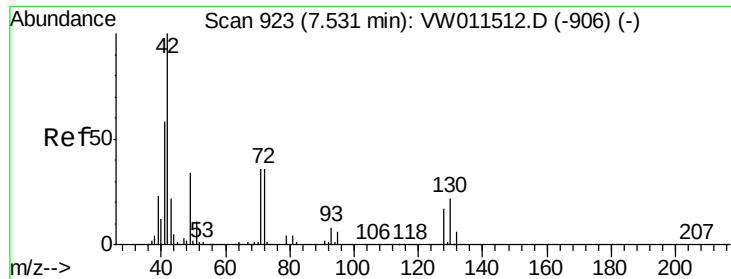
Bromochloromethane
Concen: 57.452 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 49 Resp: 127969
Ion Ratio Lower Upper
49 100
129 1.8 0.0 1.0#
130 58.6 46.3 69.5



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

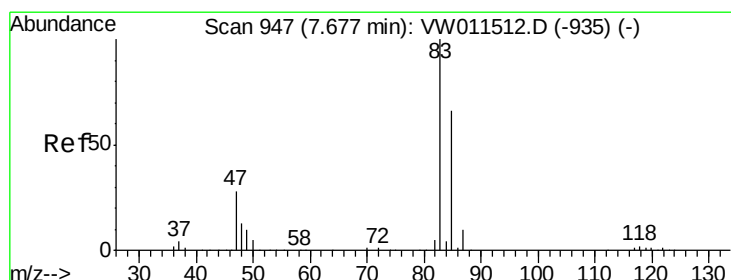
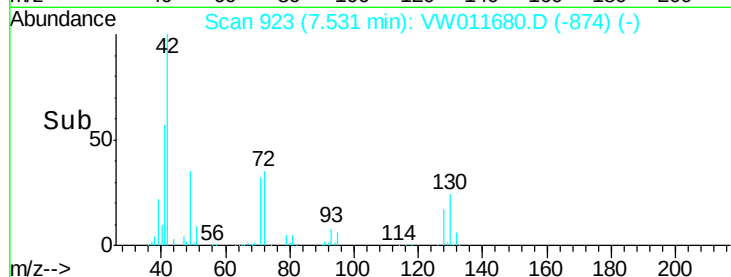
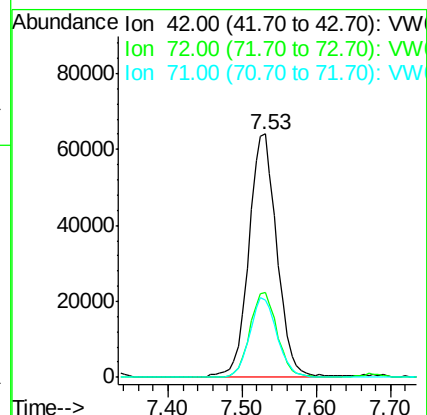
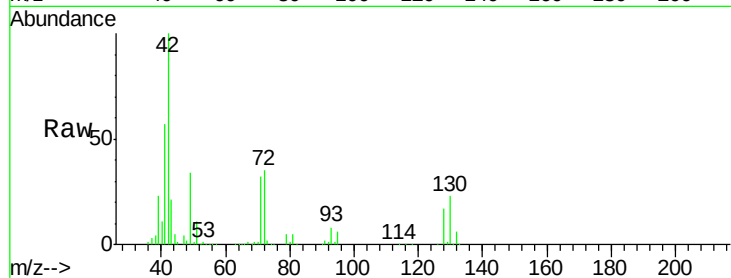




#29
Tetrahydrofuran
Concen: 276.335 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

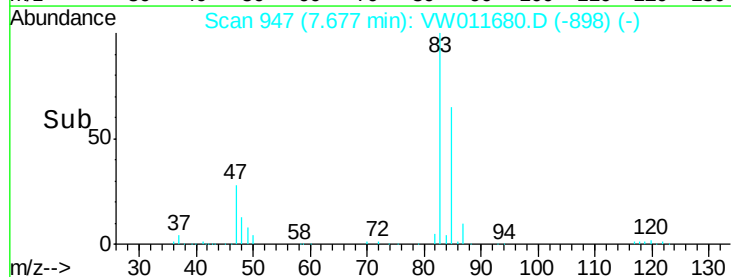
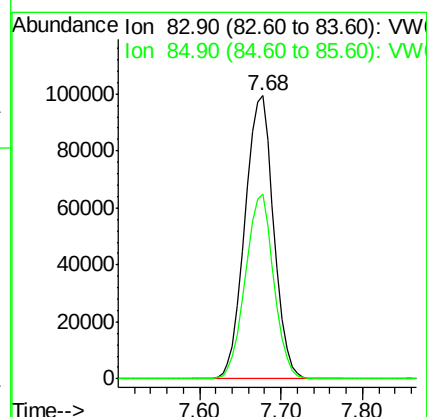
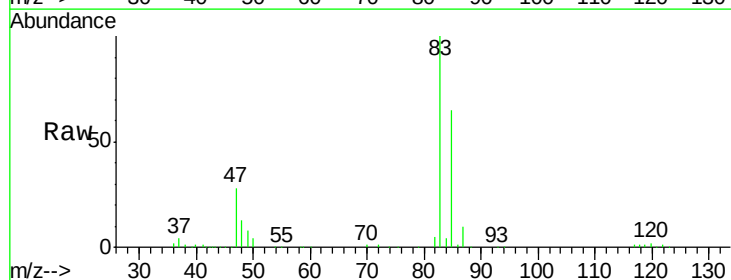
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

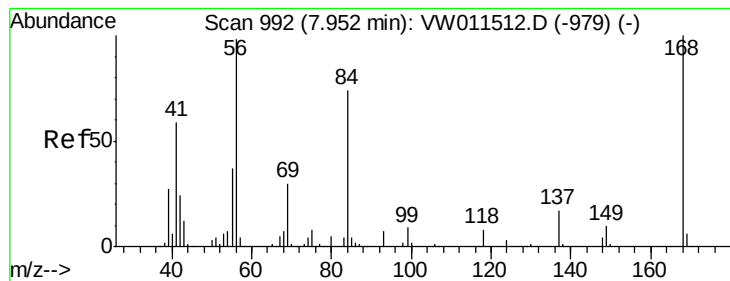
Tot Ion: 42 Resp: 169385
Ion Ratio Lower Upper
42 100
72 34.0 27.1 40.7
71 32.1 26.2 39.4



#30
Chloroform
Concen: 52.554 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 83 Resp: 243306
Ion Ratio Lower Upper
83 100
85 65.2 52.5 78.7

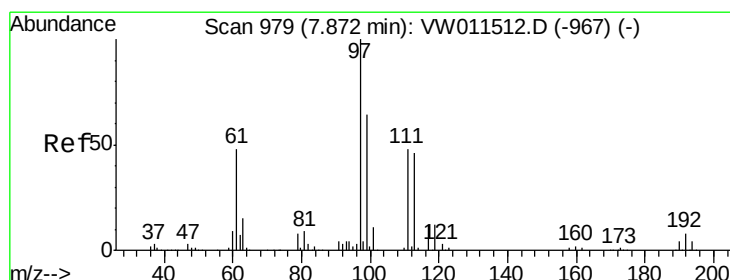
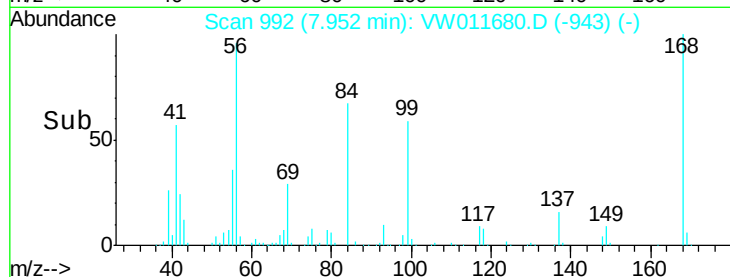
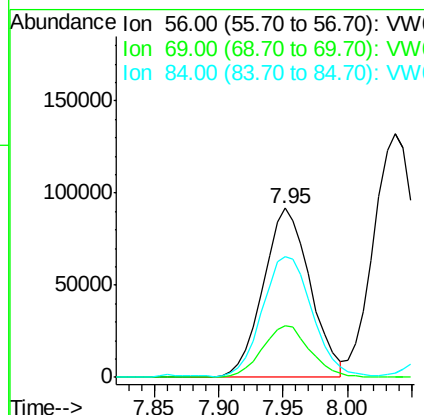
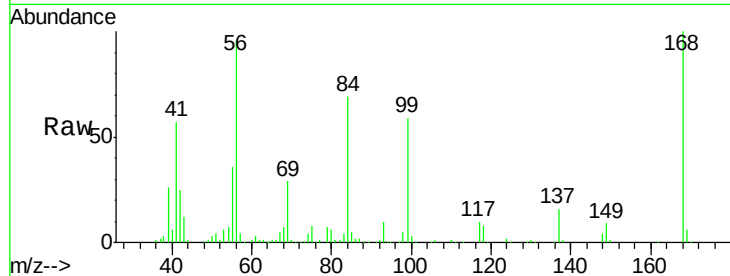




#31
Cyclohexane
Concen: 48.247 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

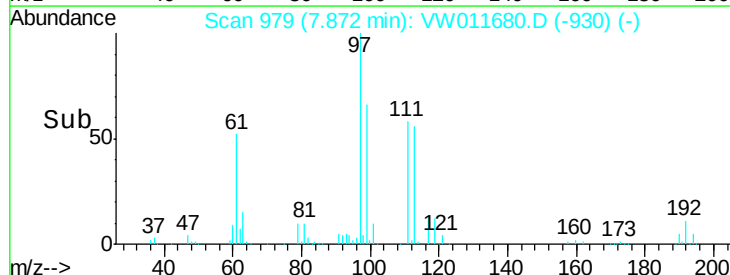
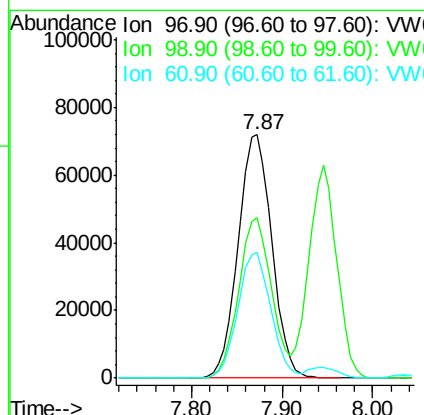
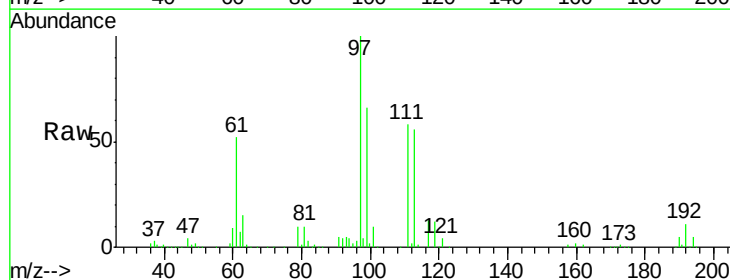
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

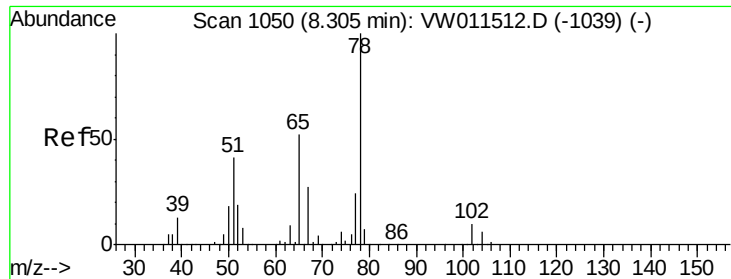
Tot Ion: 56 Resp: 232410
Ion Ratio Lower Upper
56 100
69 30.3 24.3 36.5
84 70.6 60.4 90.6



#32
1,1,1-Trichloroethane
Concen: 52.641 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 97 Resp: 185601
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 50.7 39.8 59.6

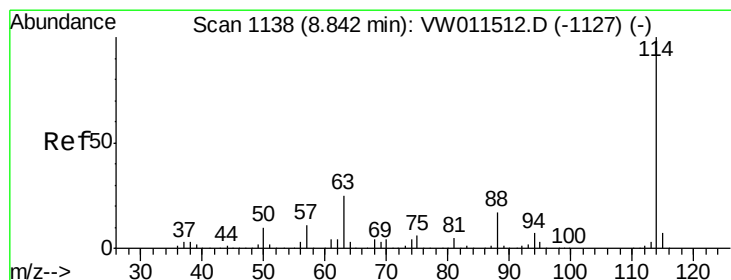
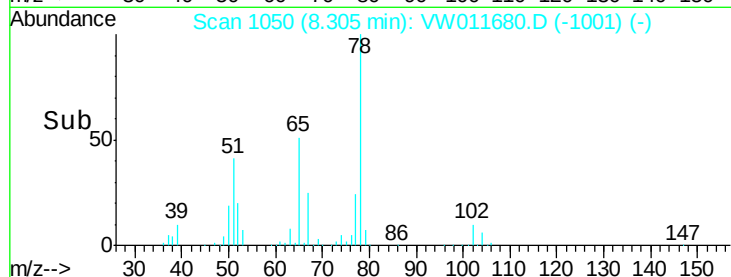
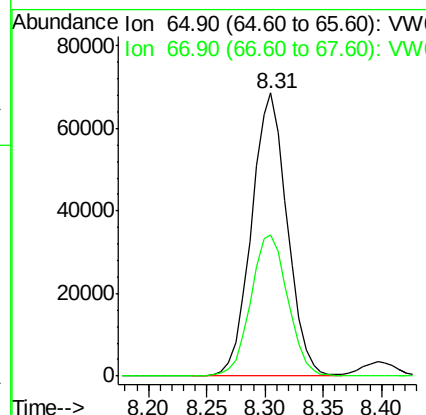
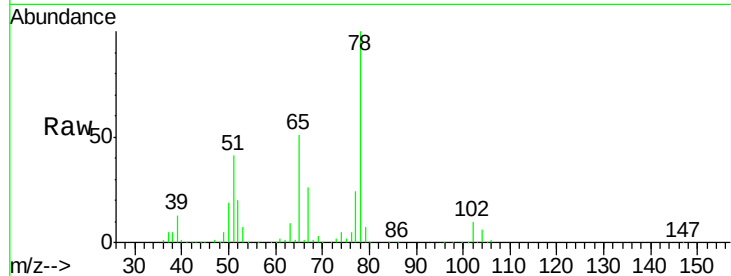




#33
 1,2-Dichloroethane-d4
 Concen: 56.870 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

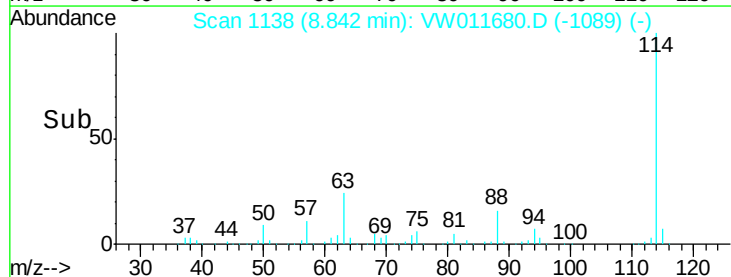
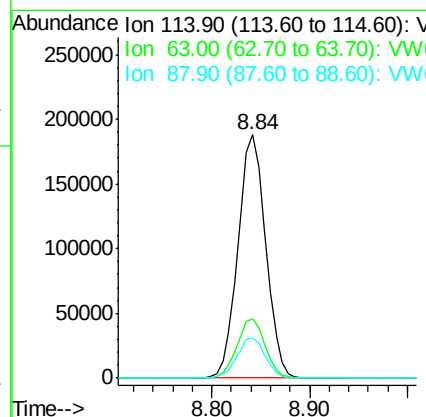
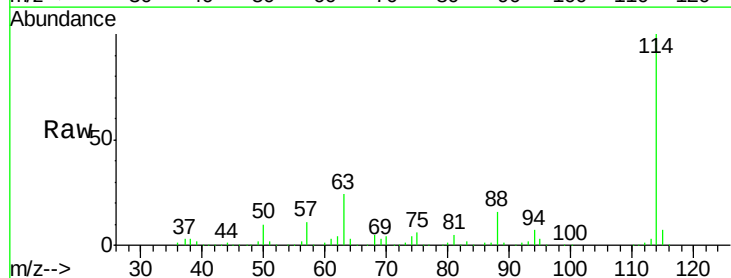
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

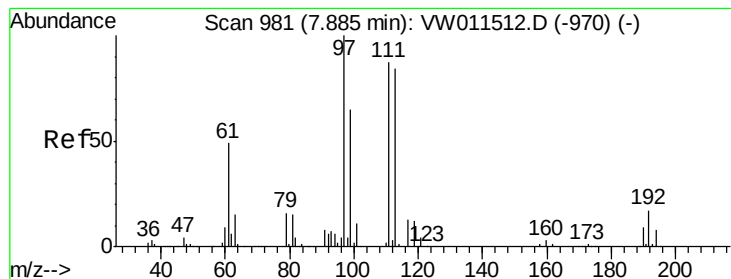
Tot Ion: 65 Resp: 146515
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 114 Resp: 369845
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 56.239 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

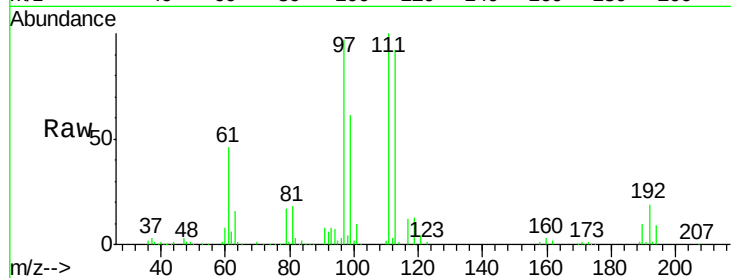
Tot Ion:113 Resp: 116691

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

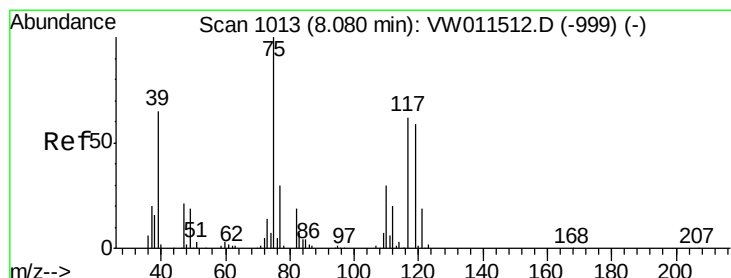
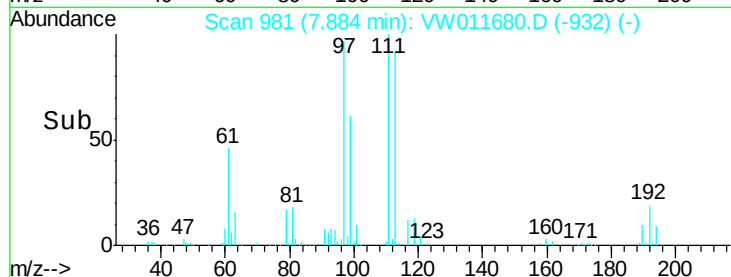
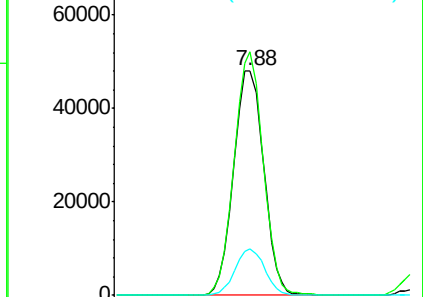
192 20.1 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.082 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

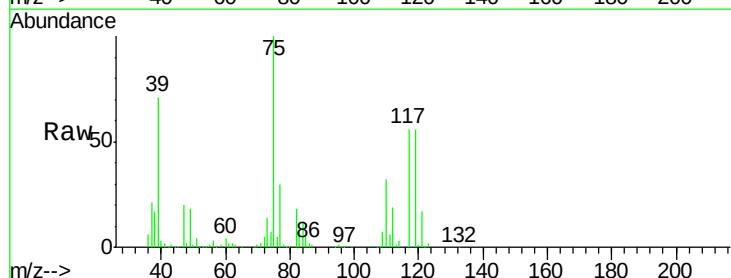
Tgt Ion: 75 Resp: 196447

Ion Ratio Lower Upper

75 100

110 31.3 15.6 46.8

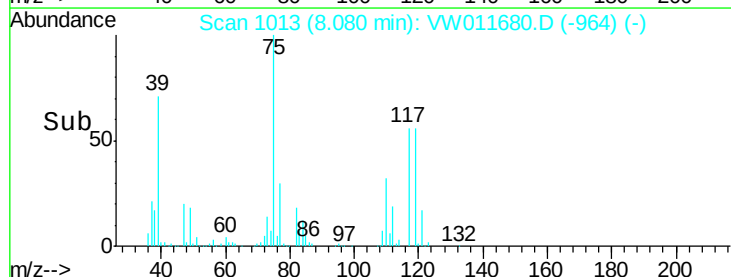
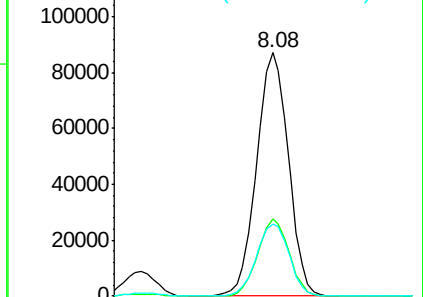
77 30.7 24.3 36.5

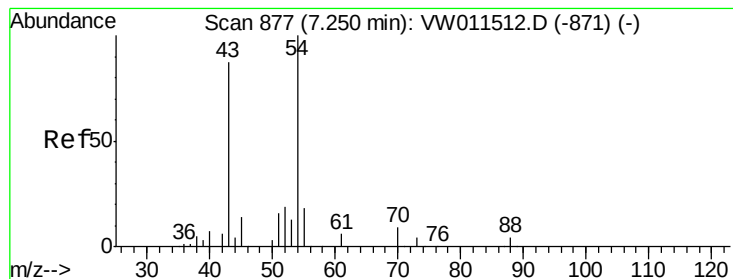


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 52.777 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

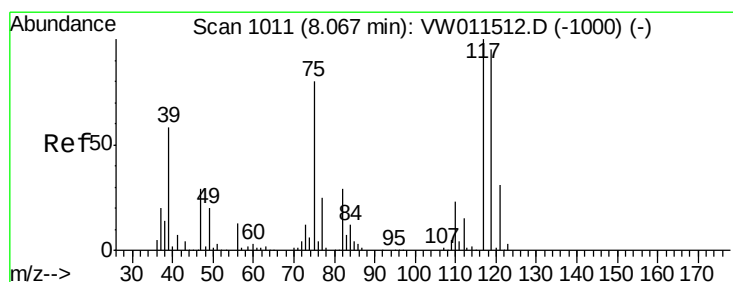
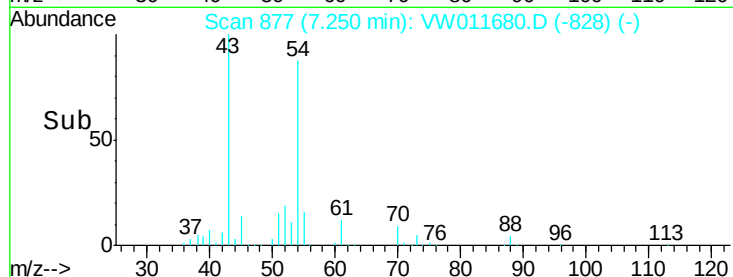
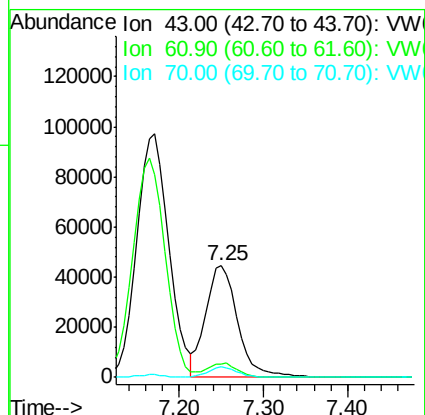
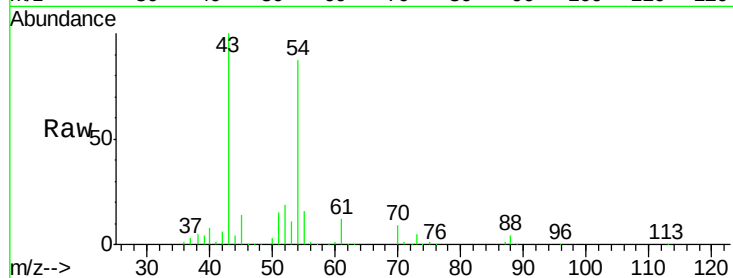
Tot Ion: 43 Resp: 116771

Ion Ratio Lower Upper

43 100

61 11.7 8.8 13.2

70 8.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.528 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

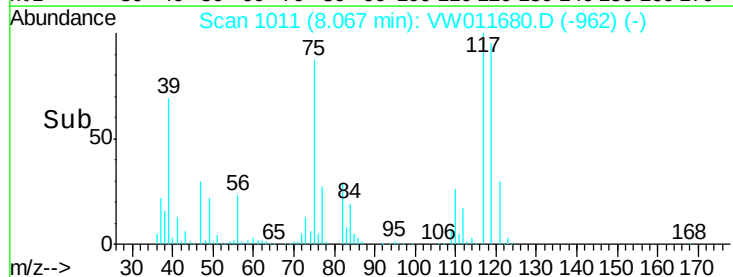
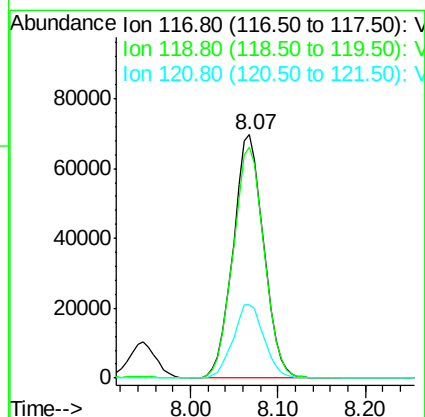
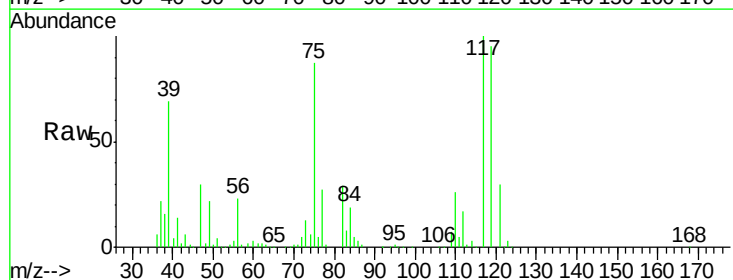
Tgt Ion: 117 Resp: 169639

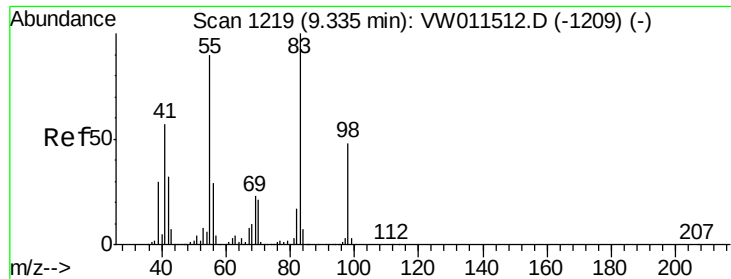
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.6

121 30.3 24.7 37.1

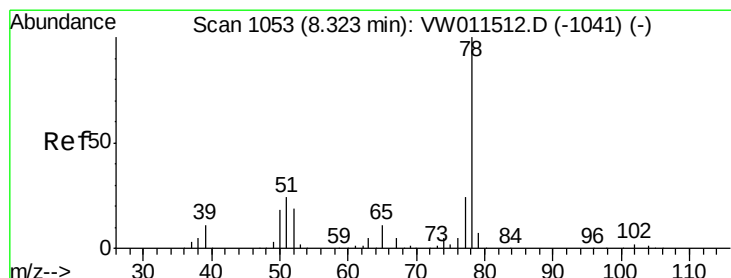
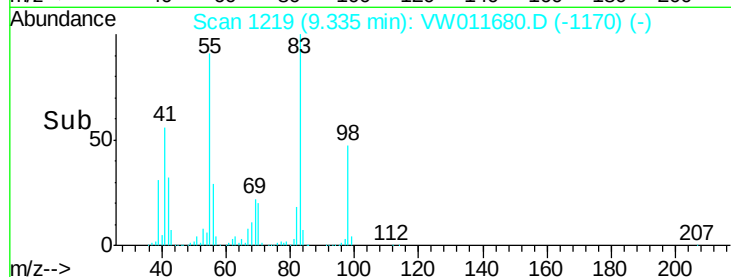
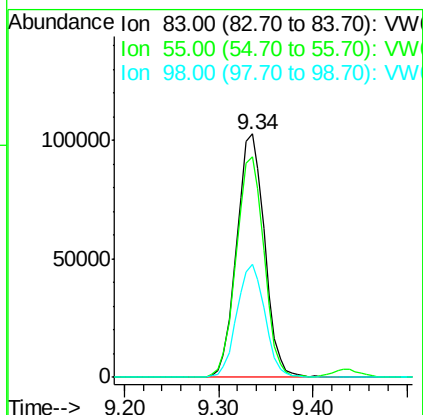
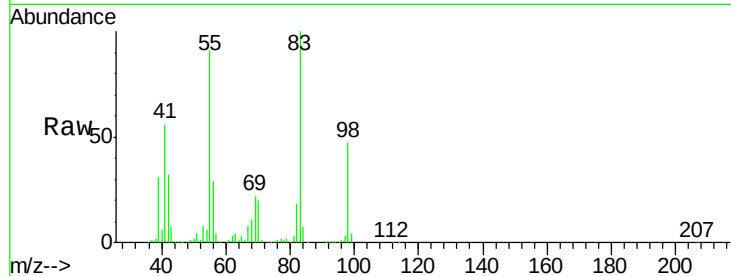




#39
Methylvlcyclohexane
Concen: 50.401 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

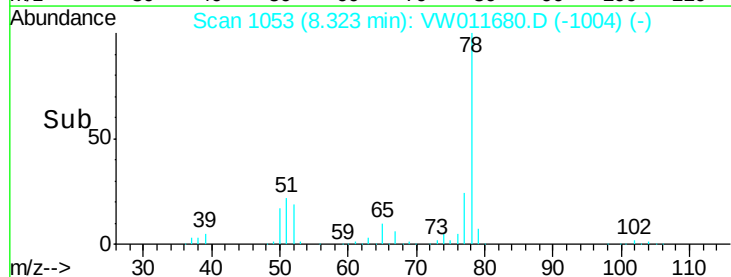
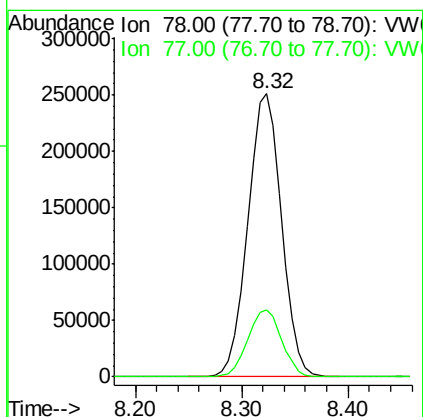
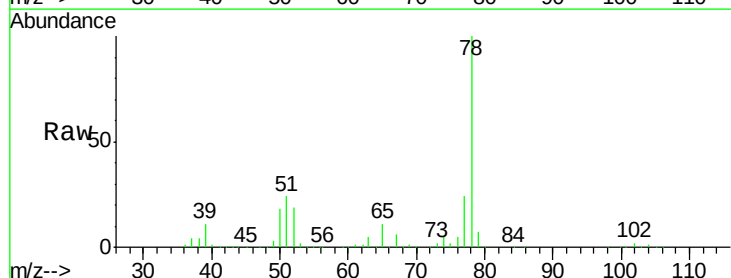
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

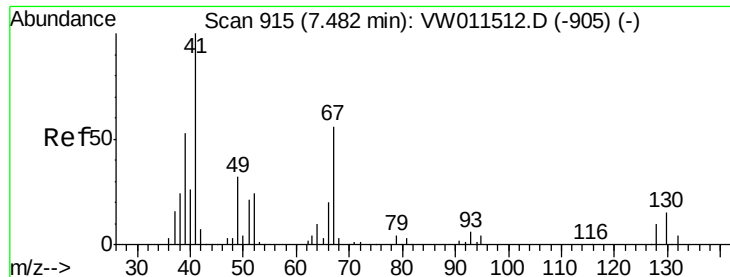
Tot Ion: 83 Resp: 213428
Ion Ratio Lower Upper
83 100
55 90.7 72.1 108.1
98 46.6 38.6 57.8



#40
Benzene
Concen: 51.758 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 78 Resp: 557545
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0





#41

Methacrylonitrile

Concen: 54.491 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 72069

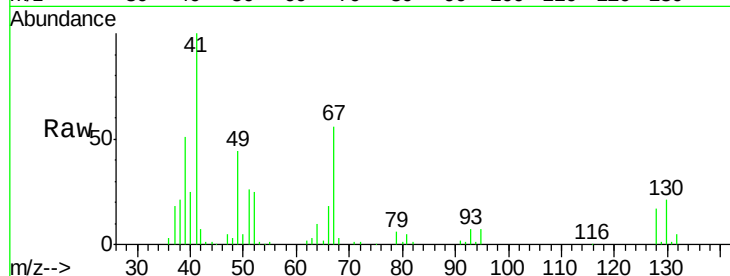
Ion Ratio Lower Upper

41 100

39 52.5 43.0 64.4

67 56.0 47.5 71.3

52 26.1 21.0 31.6

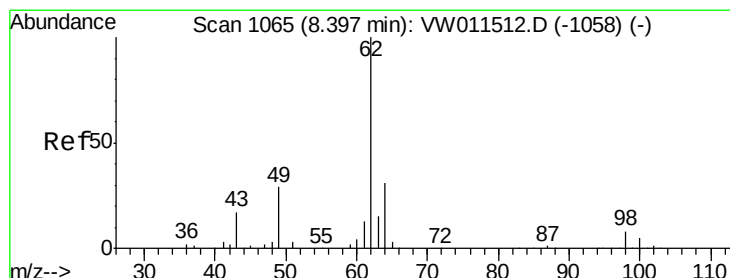
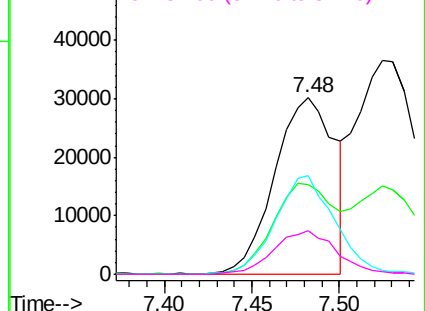
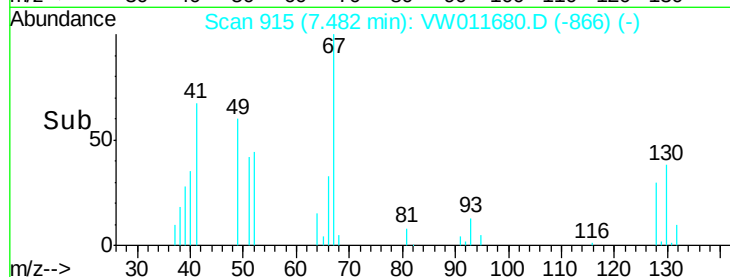


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 53.280 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011680.D

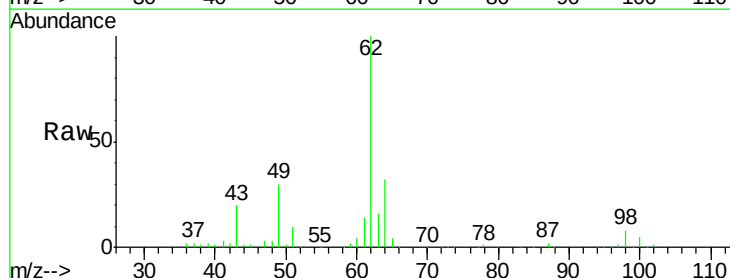
Acq: 03 Aug 2019 22:41

Tgt Ion: 62 Resp: 179692

Ion Ratio Lower Upper

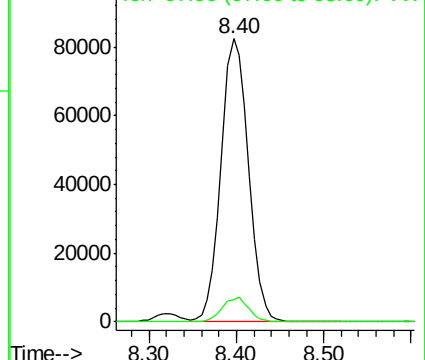
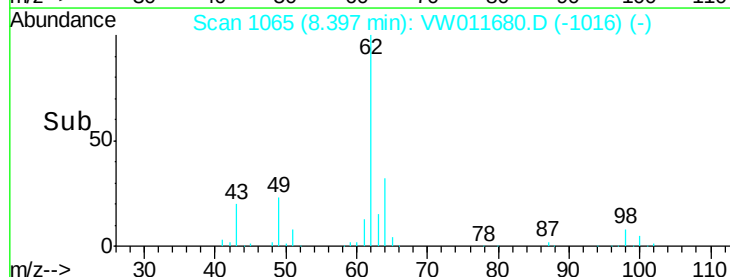
62 100

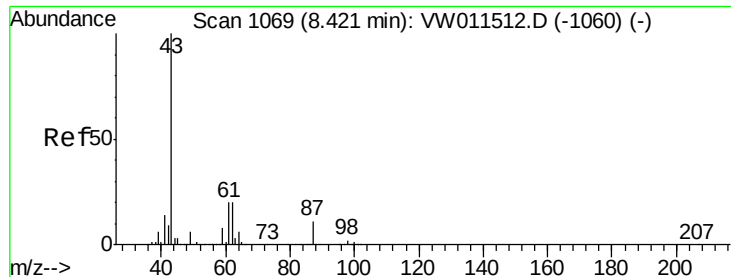
98 8.5 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 54.455 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

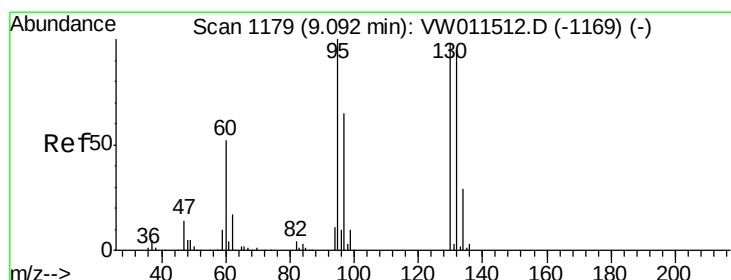
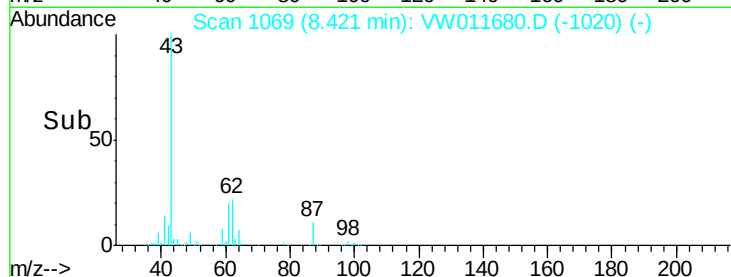
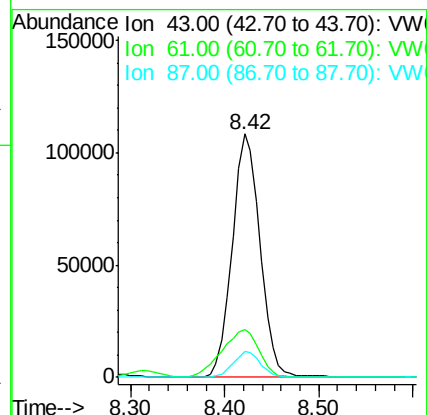
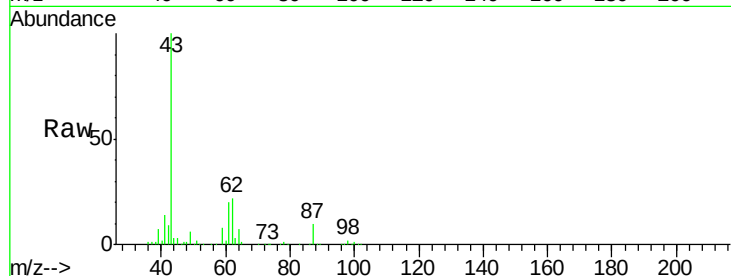
Tot Ion: 43 Resp: 221581

Ion Ratio Lower Upper

43 100

61 26.6 21.5 32.3

87 10.6 8.4 12.6



#44

Trichloroethene

Concen: 51.777 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011680.D

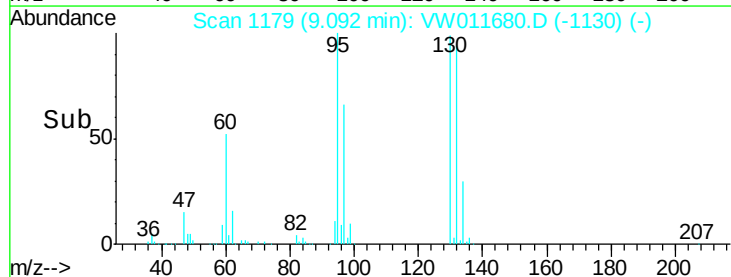
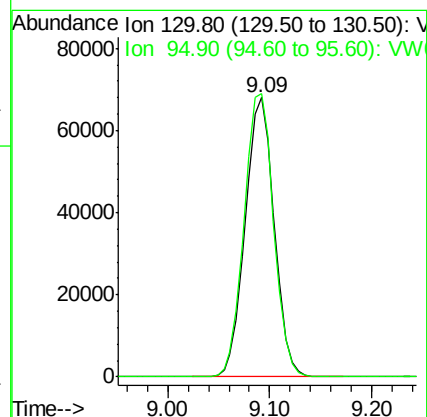
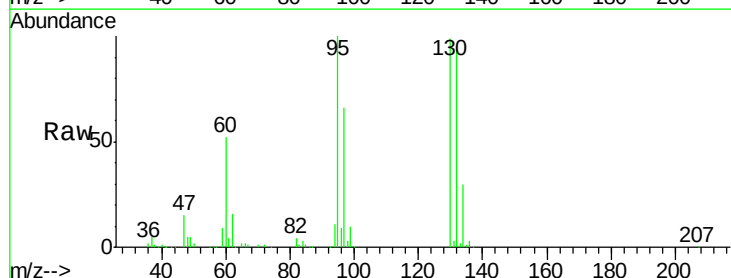
Acq: 03 Aug 2019 22:41

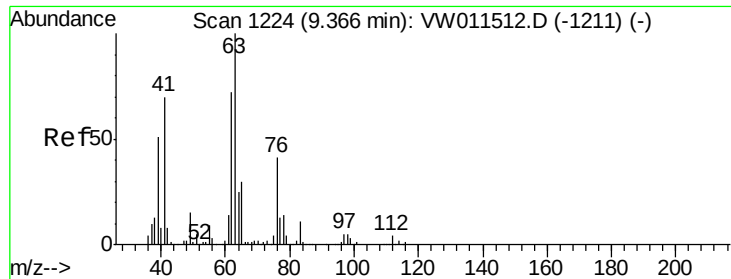
Tgt Ion: 130 Resp: 134052

Ion Ratio Lower Upper

130 100

95 101.3 0.0 204.8

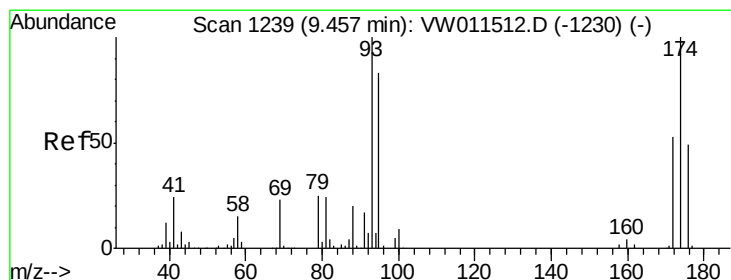
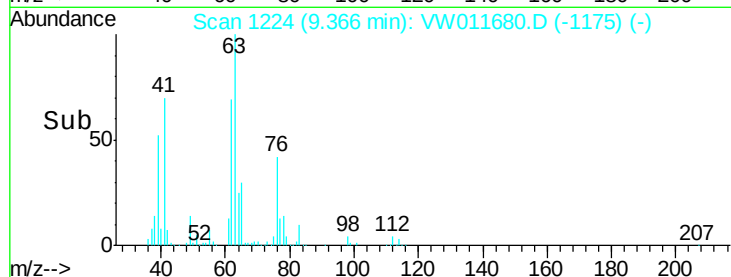
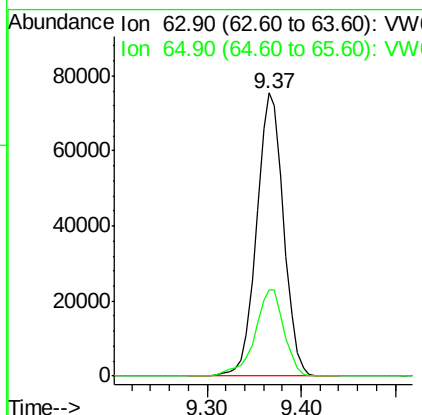
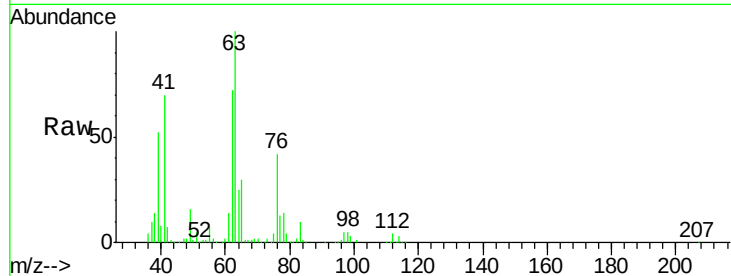




#45
 1,2-Dichloropropane
 Concen: 52.429 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

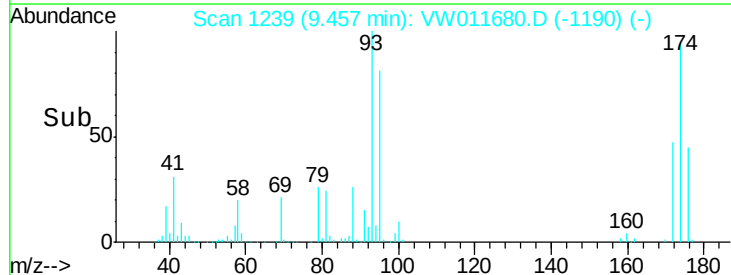
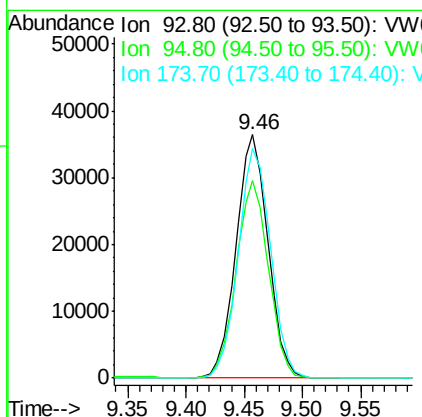
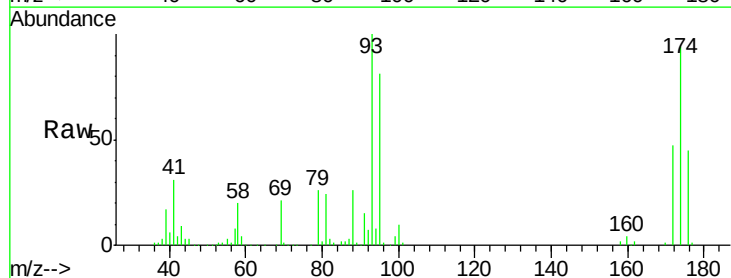
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

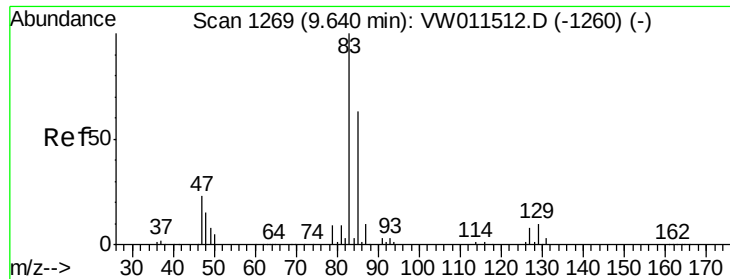
Tot Ion: 63 Resp: 151112
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.4



#46
 Dibromomethane
 Concen: 53.029 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 93 Resp: 69760
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.2 99.2
 174 96.0 78.2 117.4

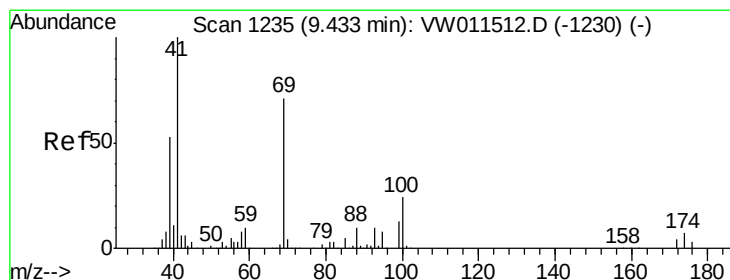
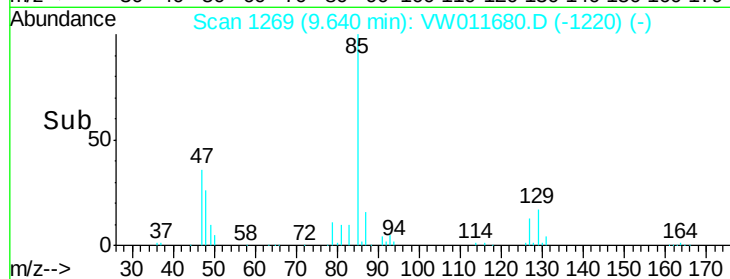
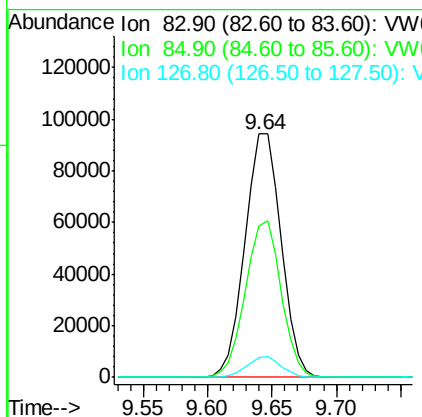
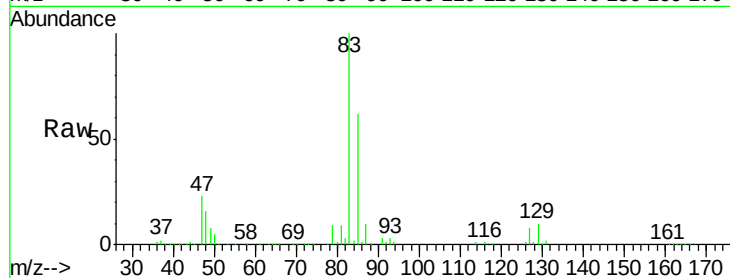




#47
 Bromodichloromethane
 Concen: 53.132 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

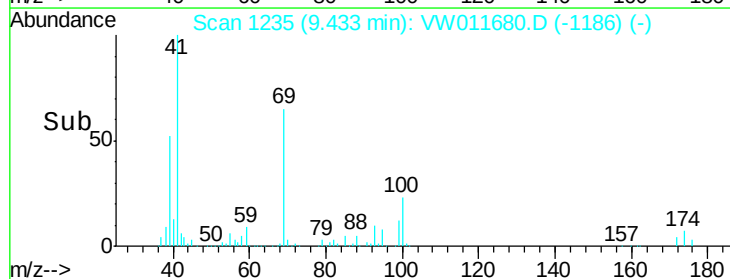
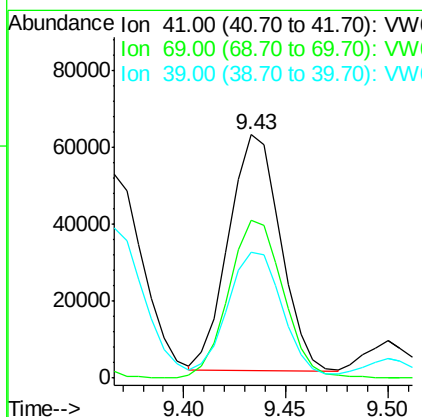
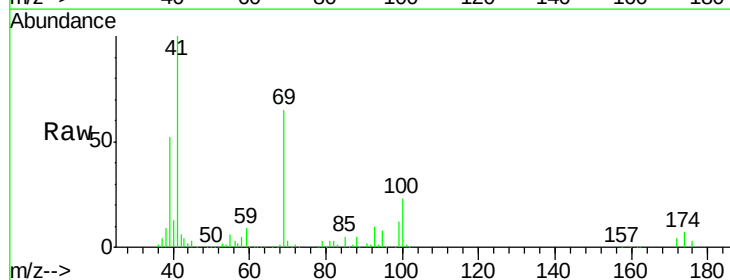
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

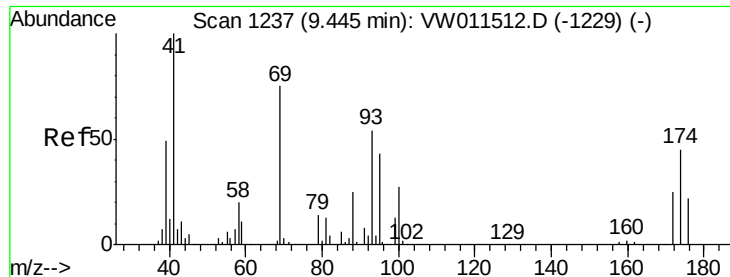
Tot Ion: 83 Resp: 183347
 Ion Ratio Lower Upper
 83 100
 85 62.2 50.5 75.7
 127 7.8 6.4 9.6



#48
 Methyl methacrylate
 Concen: 55.240 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 41 Resp: 107973
 Ion Ratio Lower Upper
 41 100
 69 70.2 57.1 85.7
 39 57.5 45.4 68.2

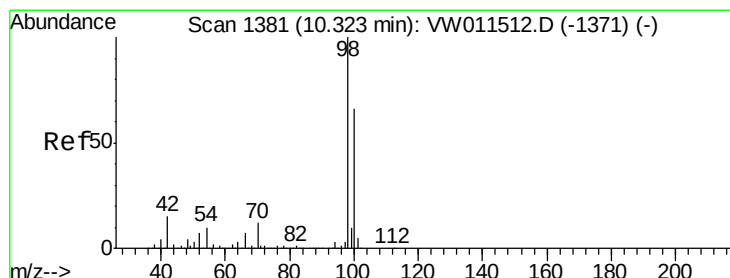
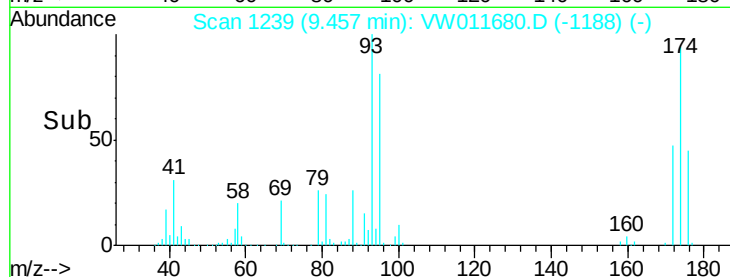
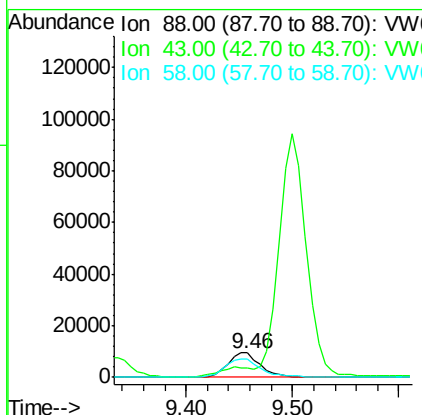
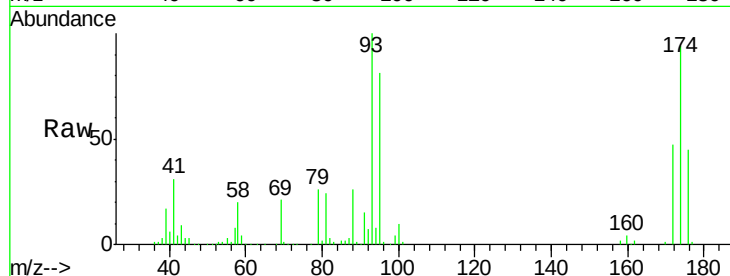




#49
 1,4-Dioxane
 Concen: 1066.845 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

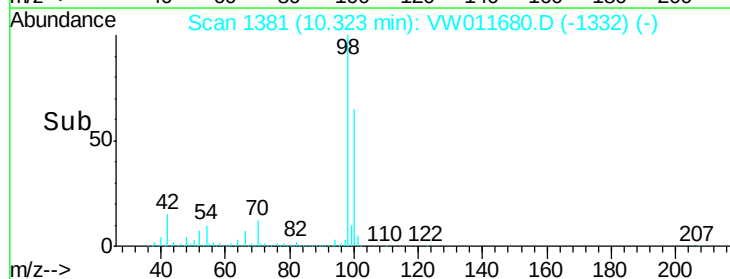
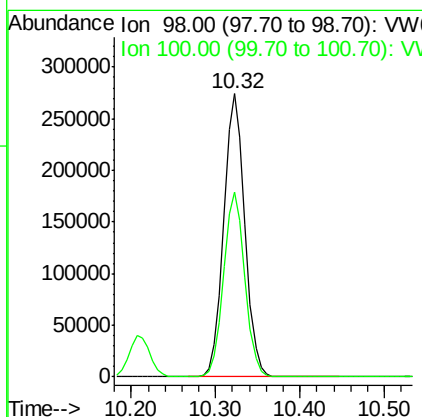
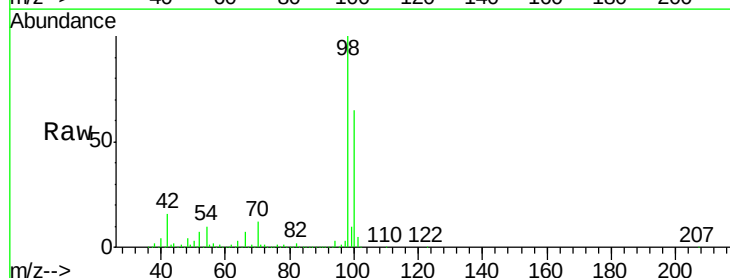
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

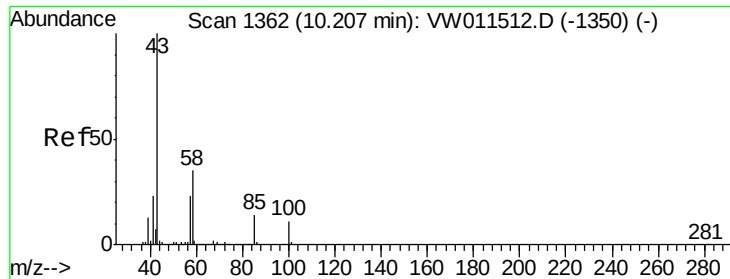
Tot Ion: 88 Resp: 20321
 Ion Ratio Lower Upper
 88 100
 43 38.2 34.0 51.0
 58 85.4 69.7 104.5



#50
 Toluene-d8
 Concen: 55.548 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 98 Resp: 471890
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 273.317 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

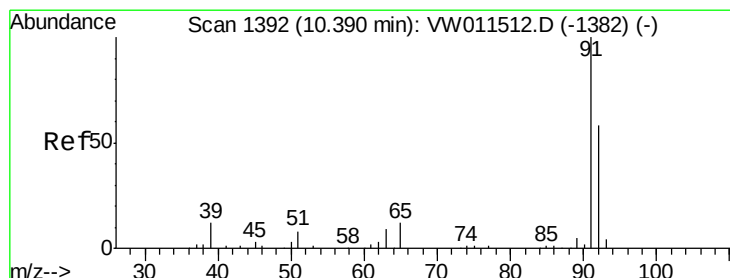
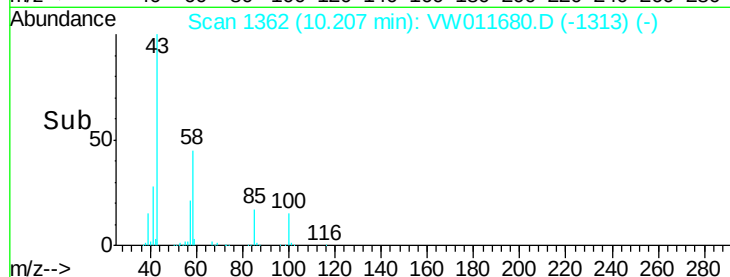
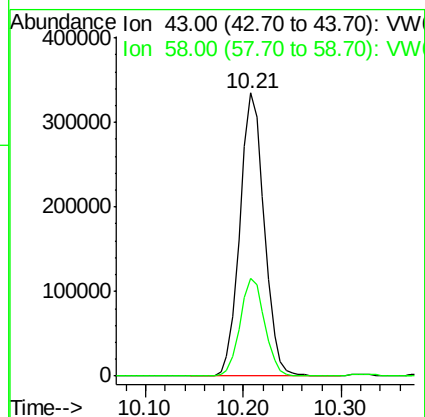
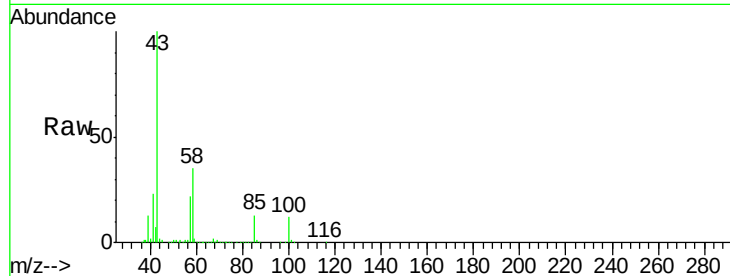
VSTDCCC050

Tot Ion: 43 Resp: 578476

Ion Ratio Lower Upper

43 100

58 34.9 28.2 42.2



#52

Toluene

Concen: 51.879 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011680.D

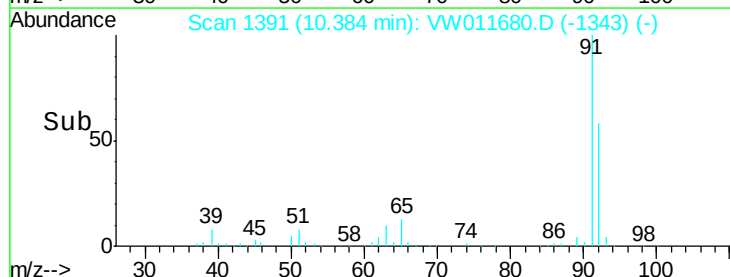
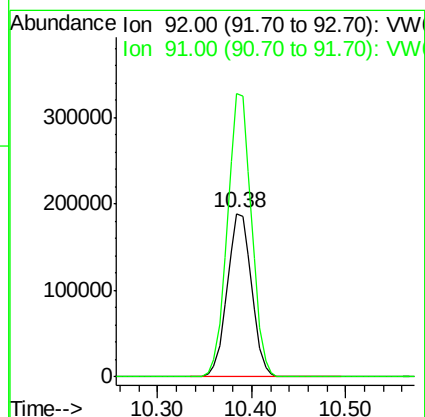
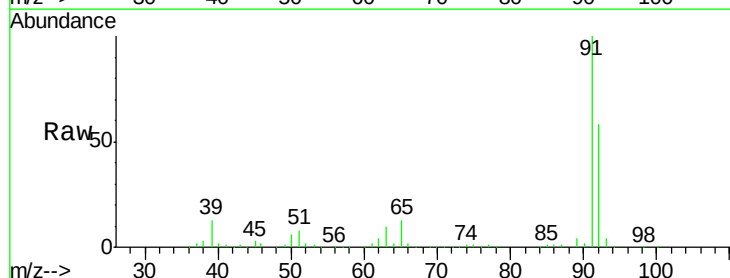
Acq: 03 Aug 2019 22:41

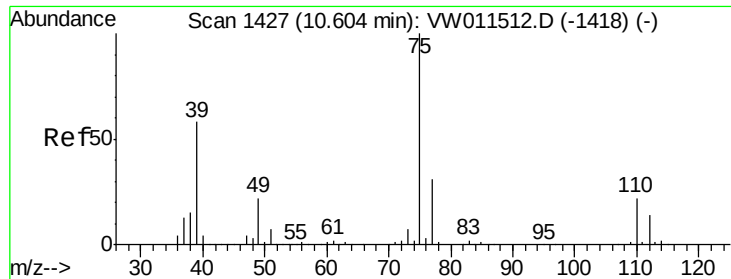
Tgt Ion: 92 Resp: 337485

Ion Ratio Lower Upper

92 100

91 171.7 136.7 205.1

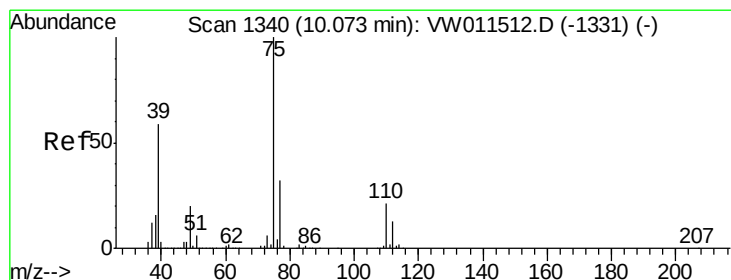
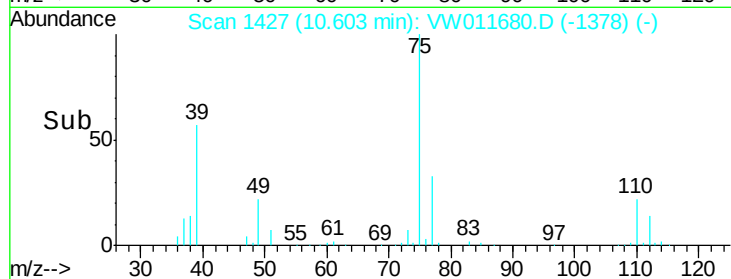
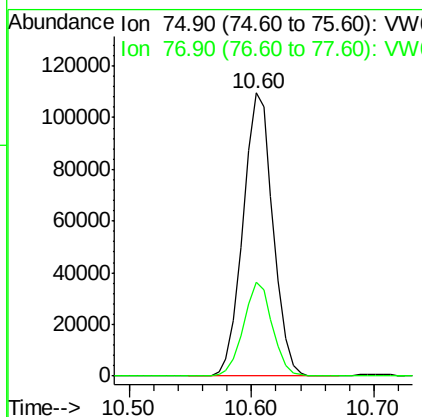
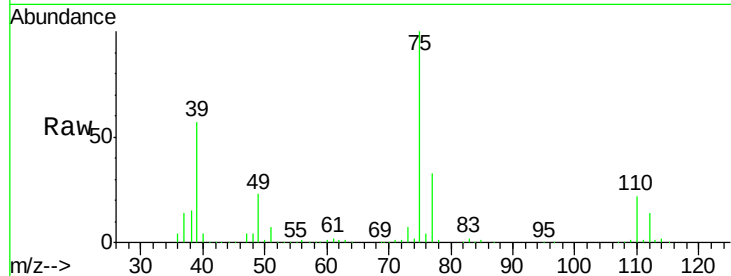




#53
t-1,3-Dichloropropene
Concen: 51.558 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

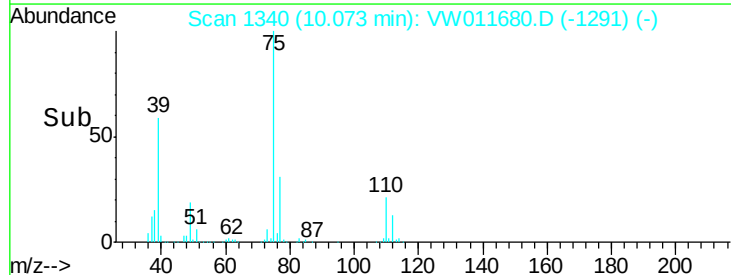
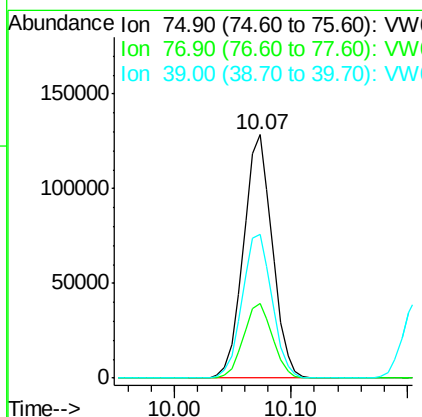
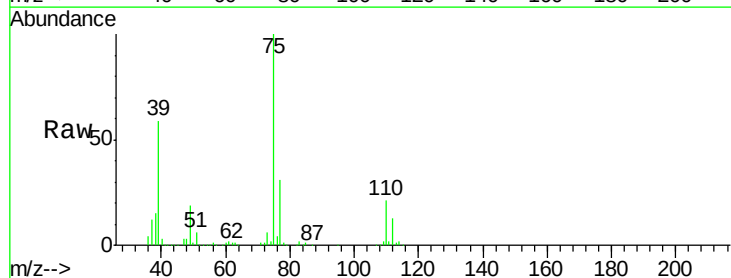
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

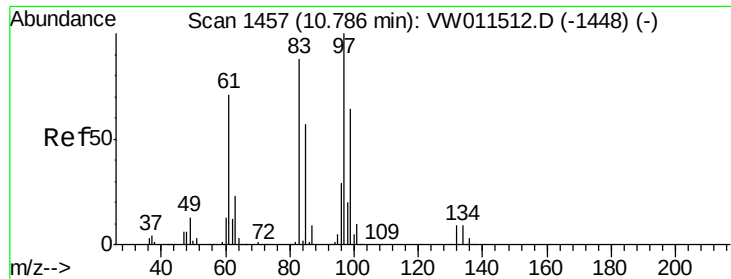
Tot Ion: 75 Resp: 185852
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.802 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 75 Resp: 222023
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 58.7 47.0 70.4

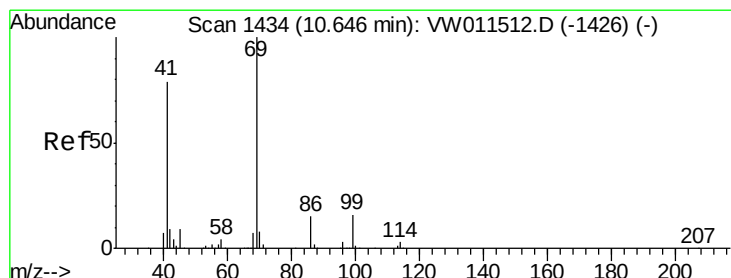
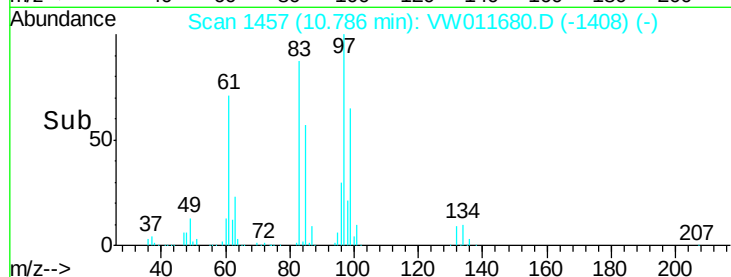
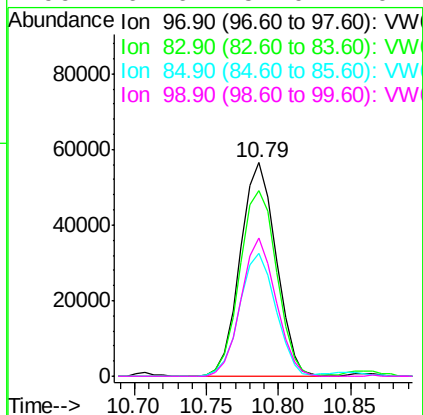
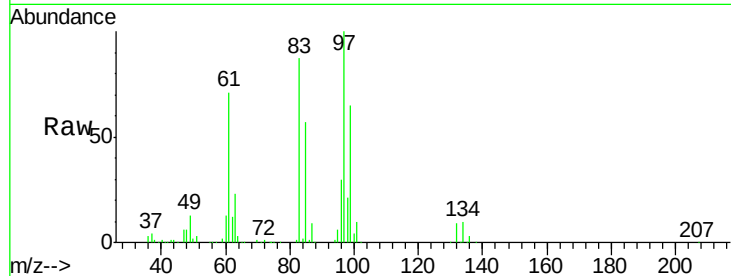




#55
 1,1,2-Trichloroethane
 Concen: 52.581 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

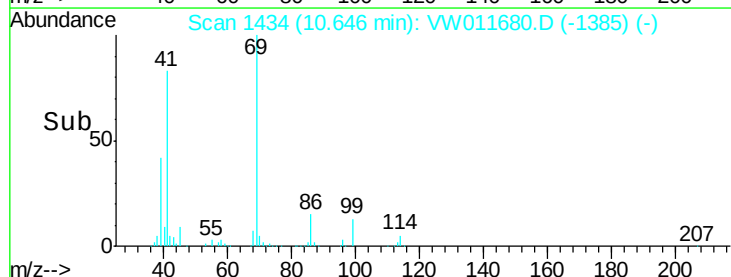
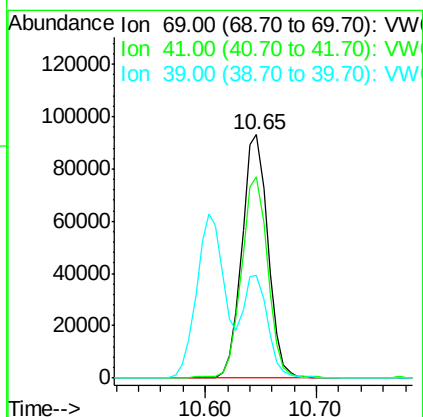
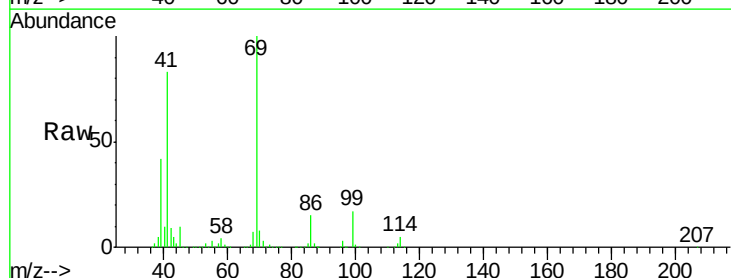
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

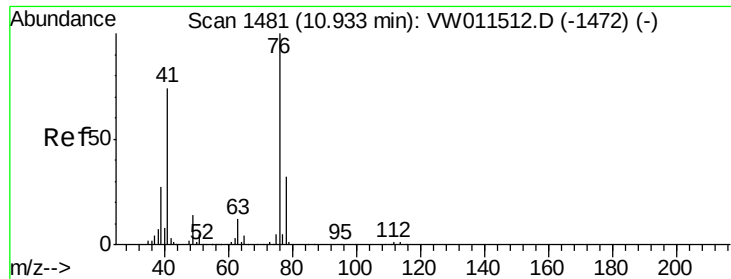
Tot Ion:	97	Resp:	98144
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.5	105.7
85	57.4	45.8	68.6
99	64.6	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 55.327 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion:	69	Resp:	151114
Ion	Ratio	Lower	Upper
69	100		
41	83.3	66.6	99.8
39	39.0	30.3	45.5

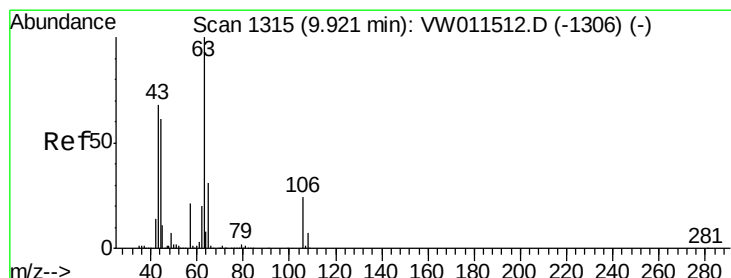
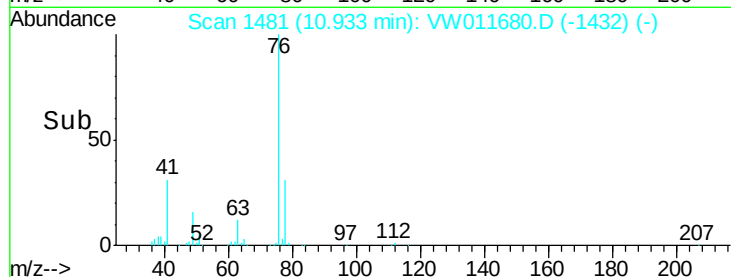
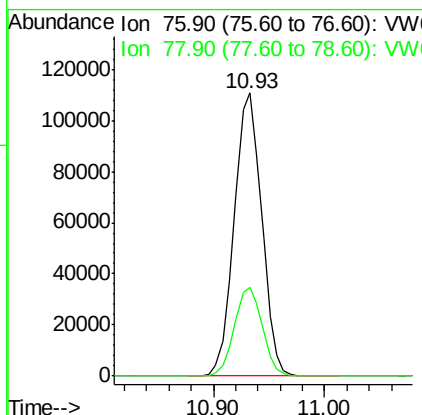
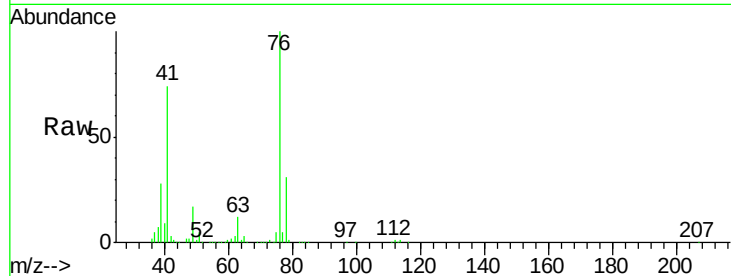




#57
 1,3-Dichloropropane
 Concen: 53.579 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

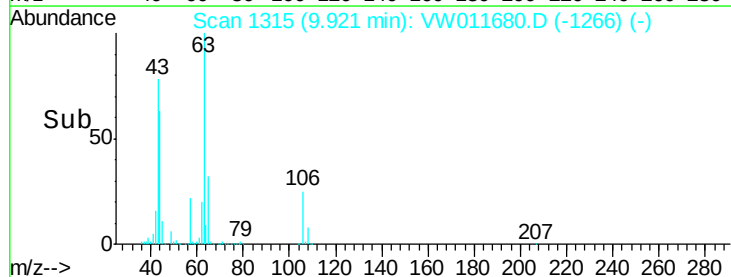
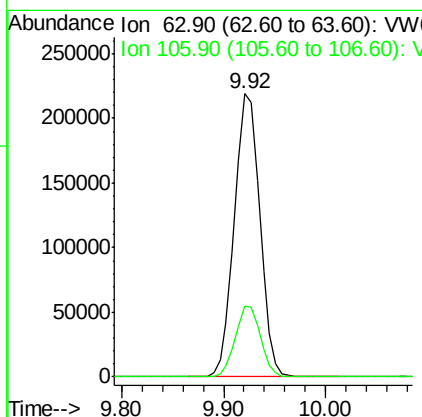
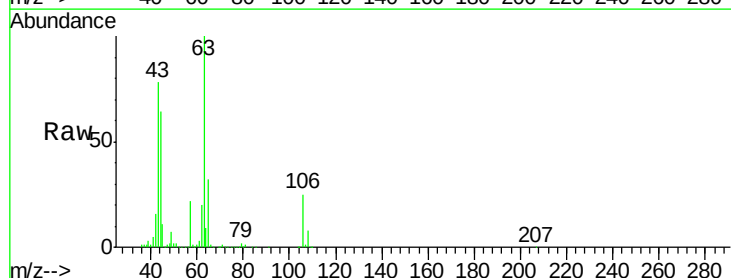
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

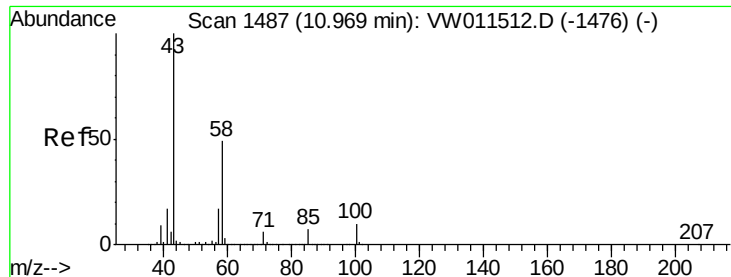
Tot Ion: 76 Resp: 189201
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 305.920 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 63 Resp: 379378
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

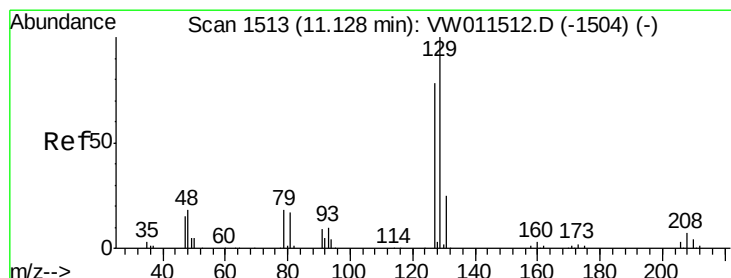
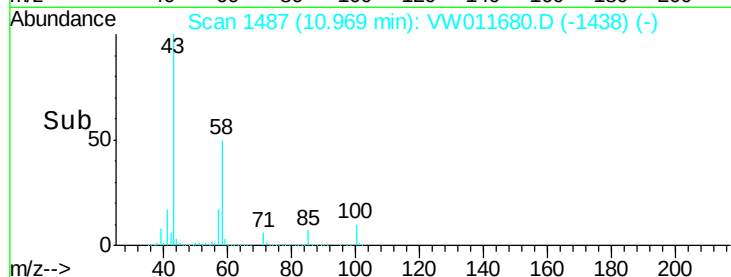
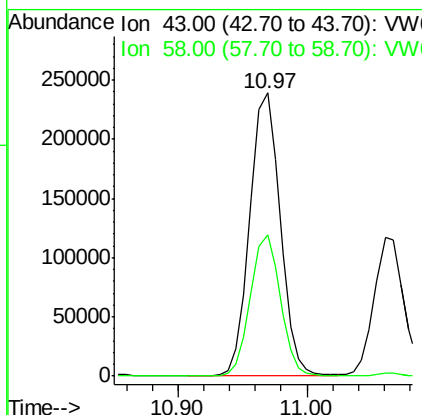
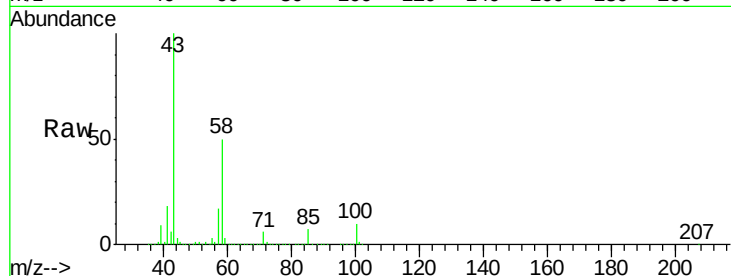




#59
2-Hexanone
Concen: 260.901 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

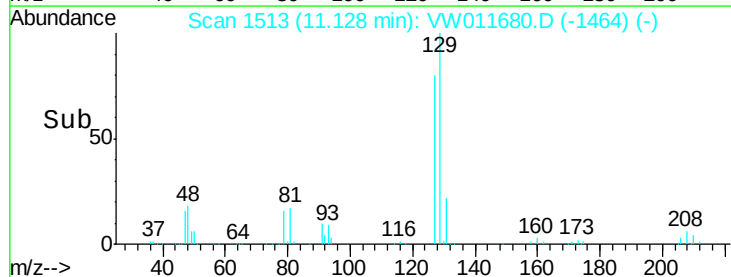
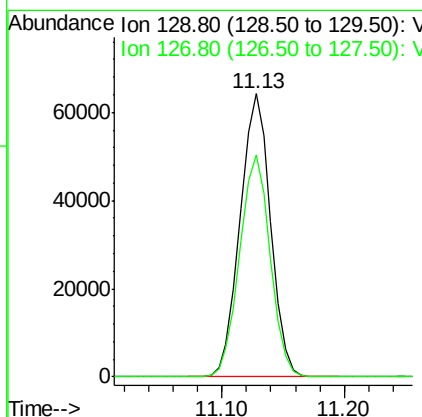
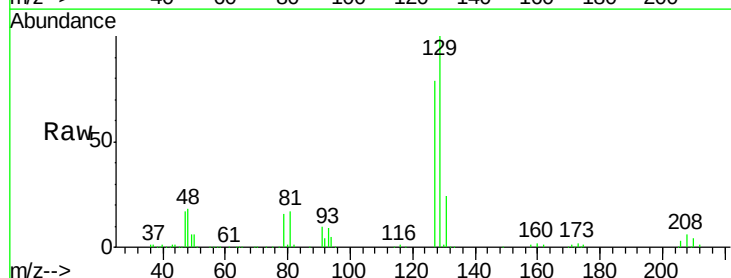
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

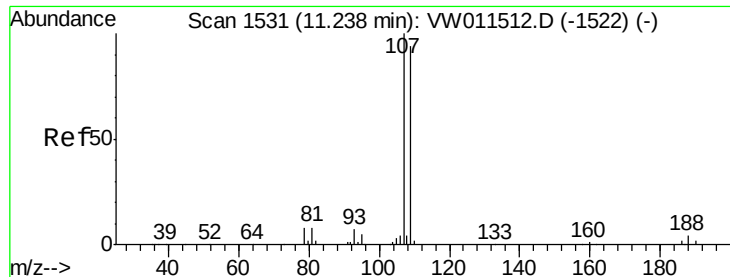
Tot Ion: 43 Resp: 389887
Ion Ratio Lower Upper
43 100
58 49.3 24.3 72.9



#60
Dibromochloromethane
Concen: 53.515 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 129 Resp: 110875
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7

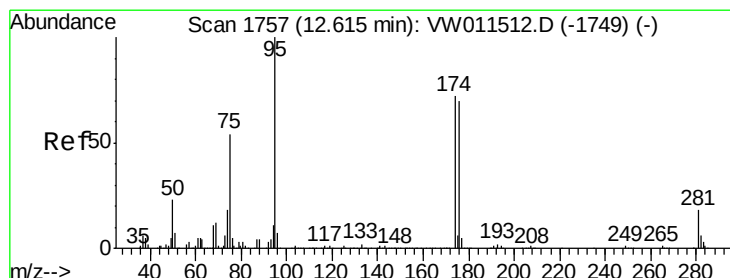
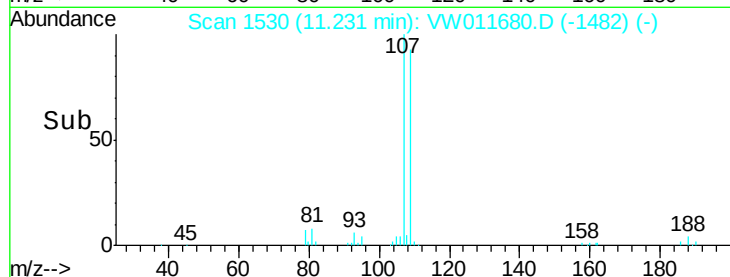
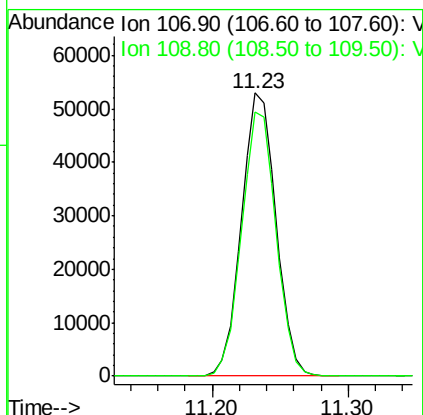
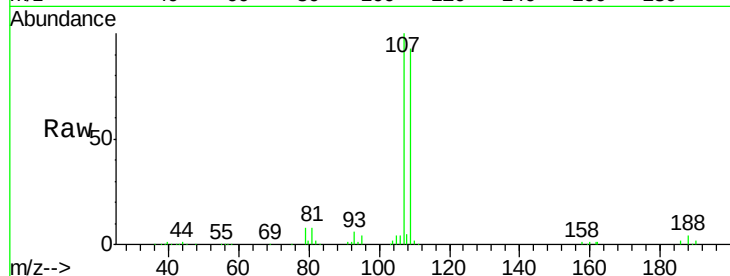




#61
 1,2-Dibromoethane
 Concen: 53.221 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

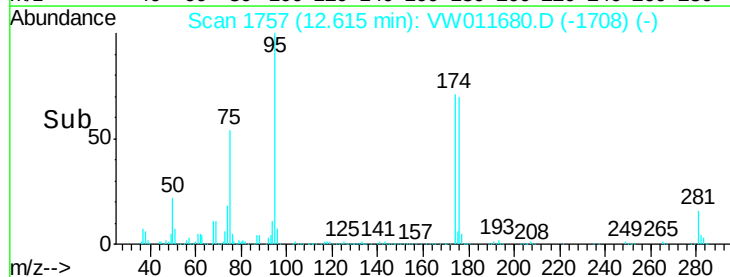
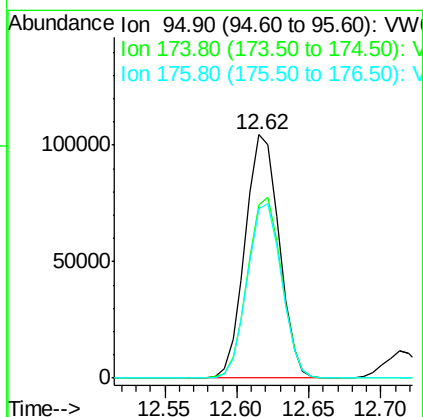
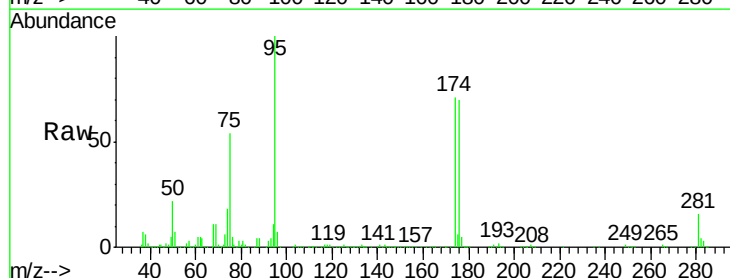
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

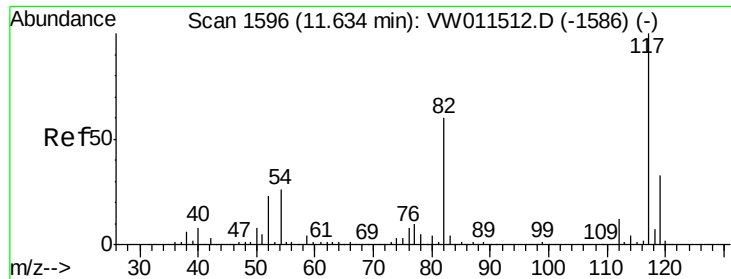
Tot Ion: 107 Resp: 94006
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 56.426 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 95 Resp: 170898
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 150.2
 176 72.2 0.0 144.4

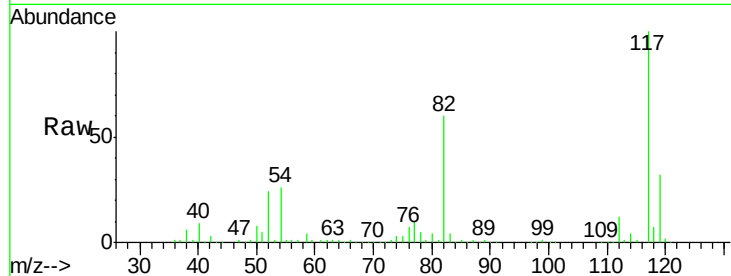




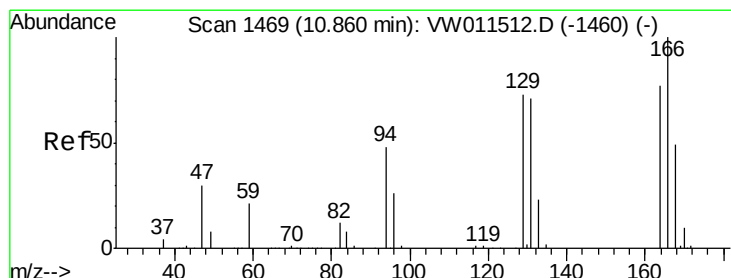
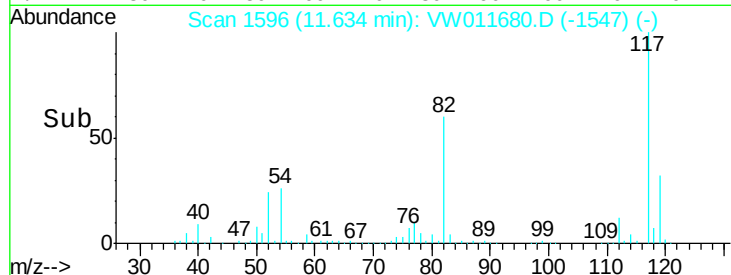
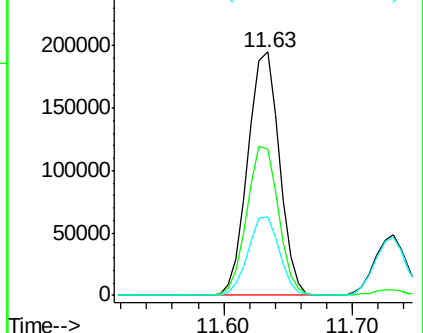
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 329656
Ion Ratio Lower Upper
117 100
82 60.0 47.9 71.9
119 32.1 26.2 39.2

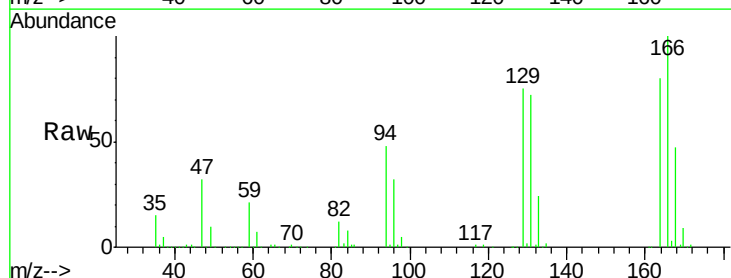


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

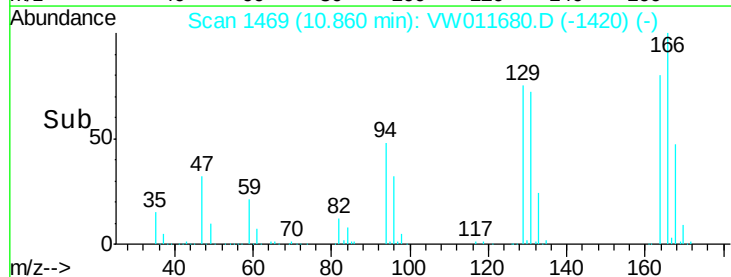
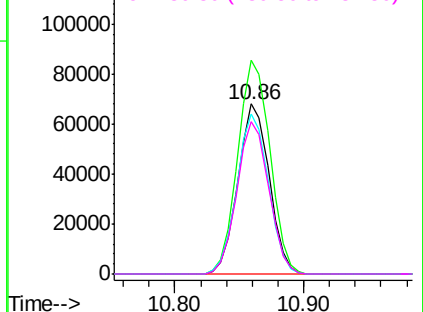


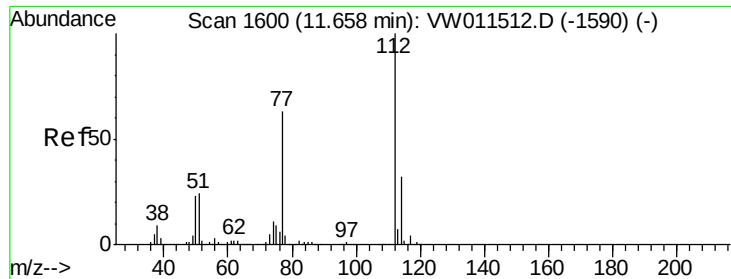
#64
Tetrachloroethene
Concen: 53.354 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion:164 Resp: 114520
Ion Ratio Lower Upper
164 100
166 125.8 103.5 155.3
129 94.4 75.2 112.8
131 90.0 73.4 110.2



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

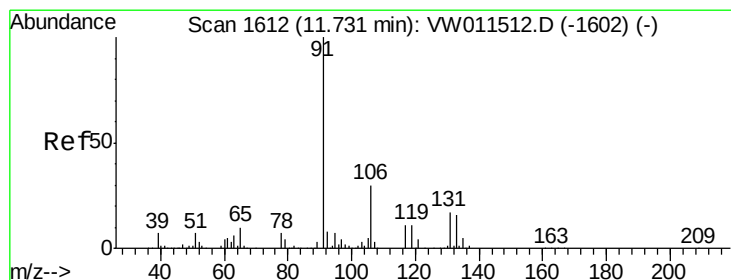
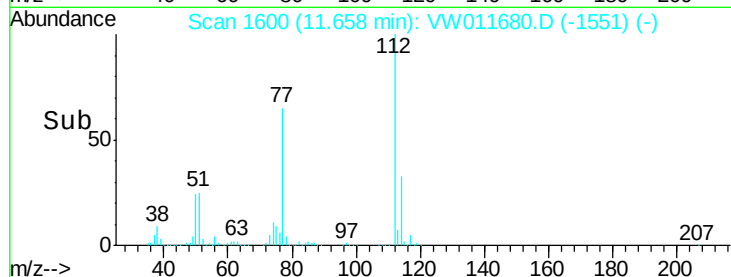
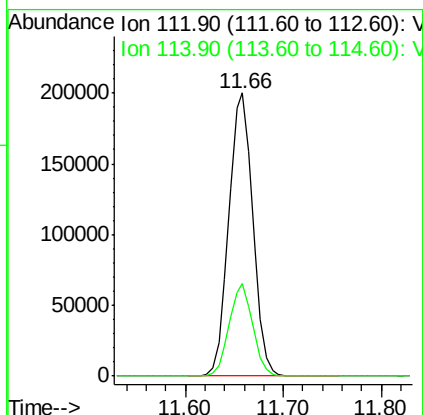
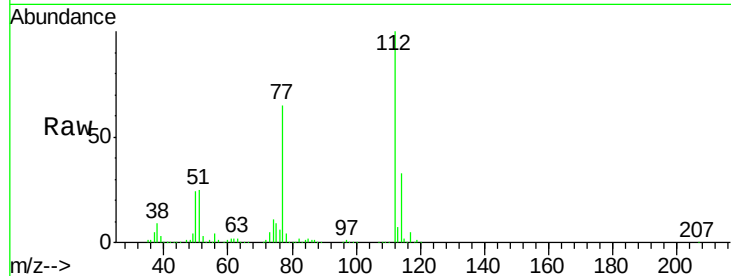




#65
Chlorobenzene
Concen: 51.232 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

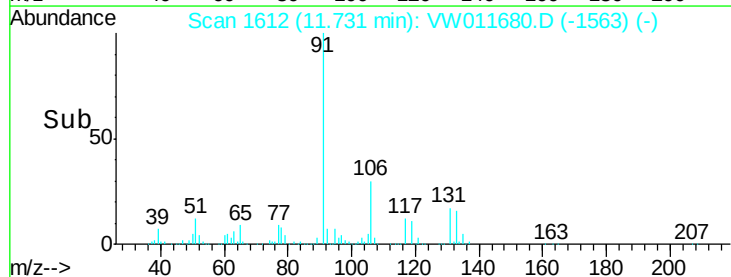
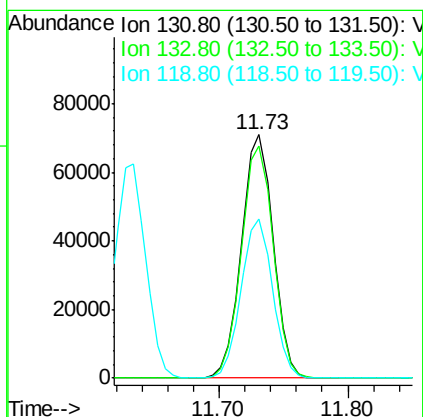
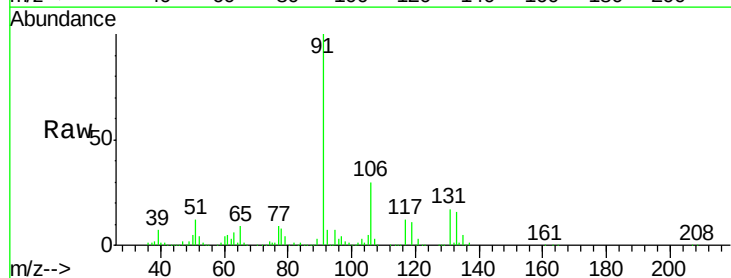
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

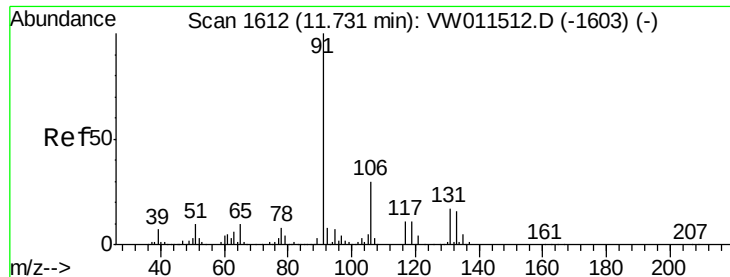
Tot Ion:112 Resp: 339547
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.222 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion:131 Resp: 120558
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 64.6 32.3 96.9

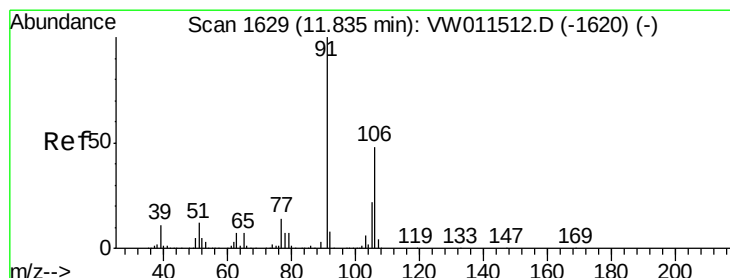
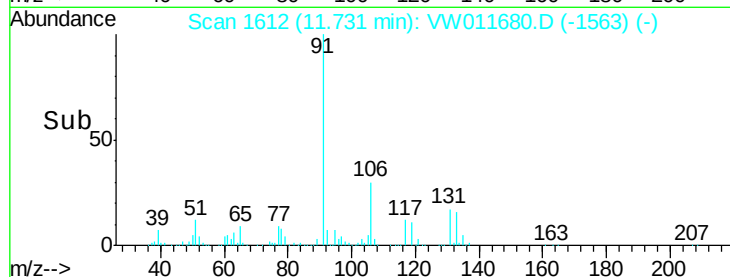
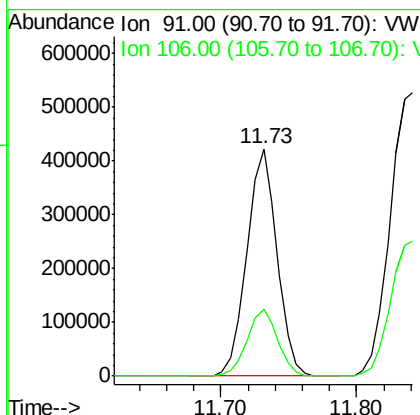
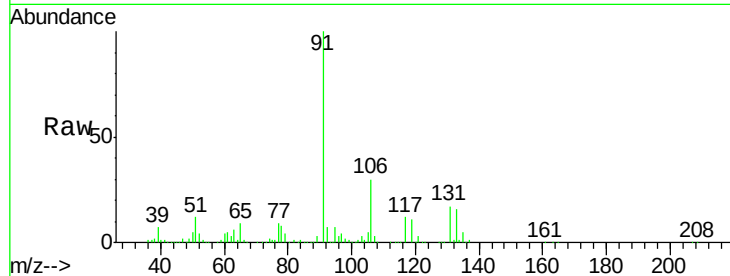




#67
Ethyl Benzene
Concen: 51.952 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

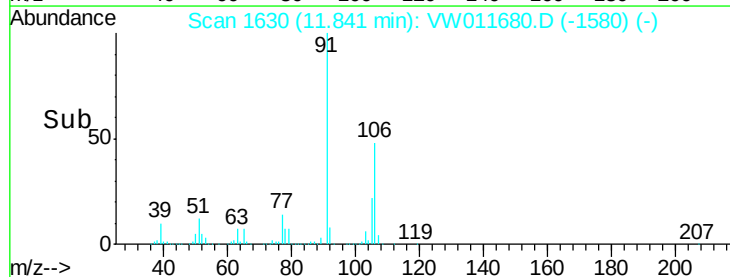
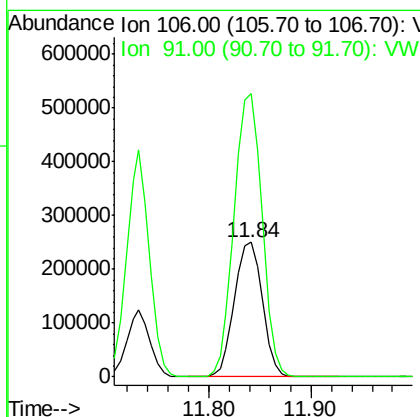
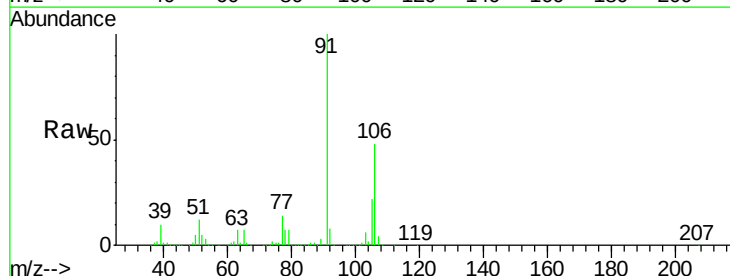
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

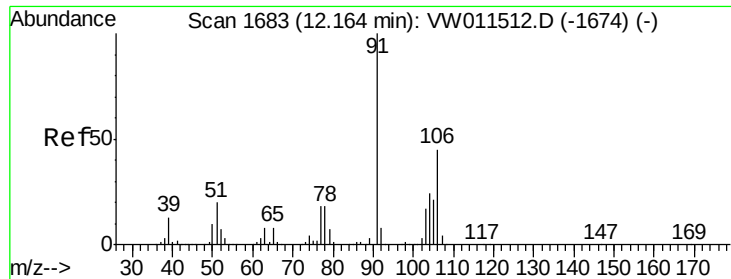
Tot Ion: 91 Resp: 655768
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 103.335 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 106 Resp: 474354
Ion Ratio Lower Upper
106 100
91 210.9 168.2 252.2

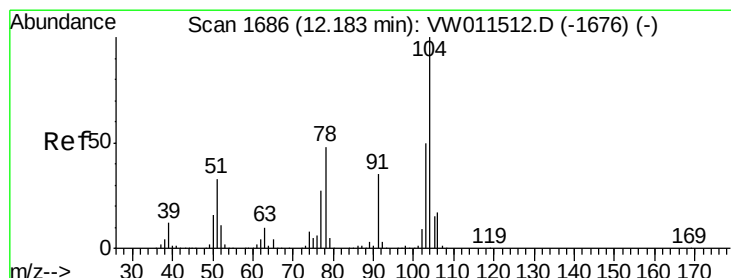
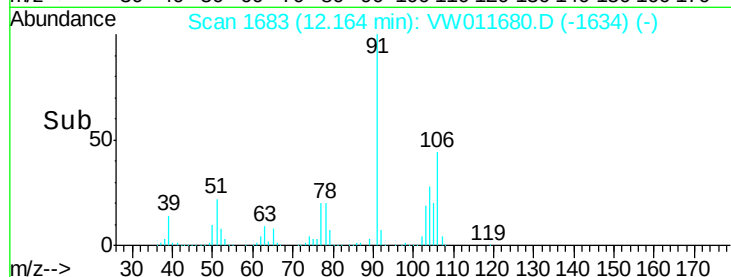
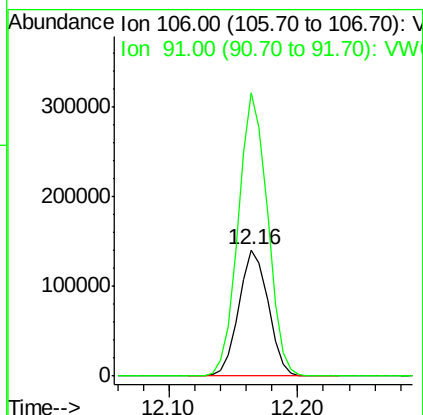
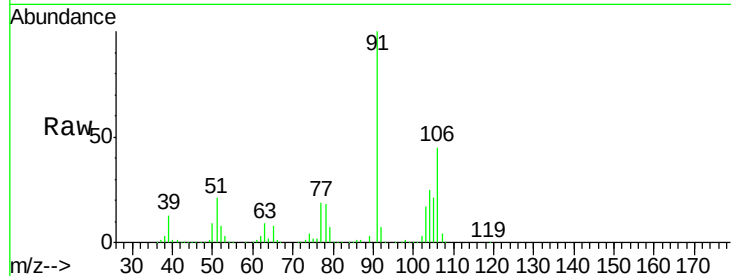




#69
o-Xylene
Concen: 52.248 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

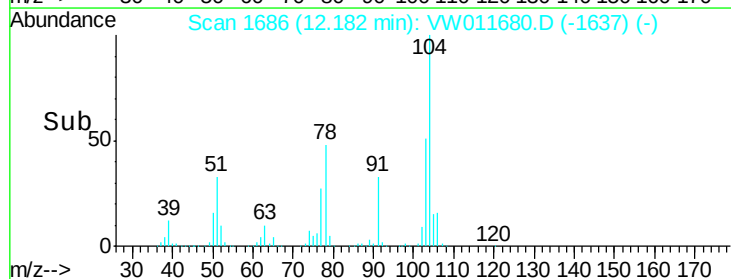
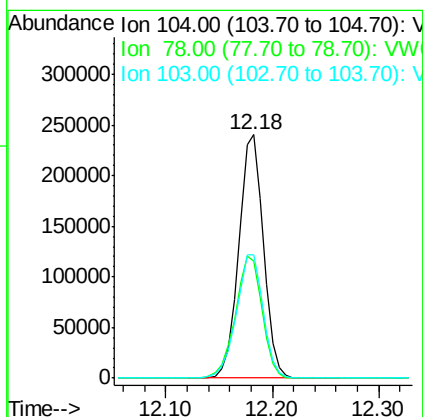
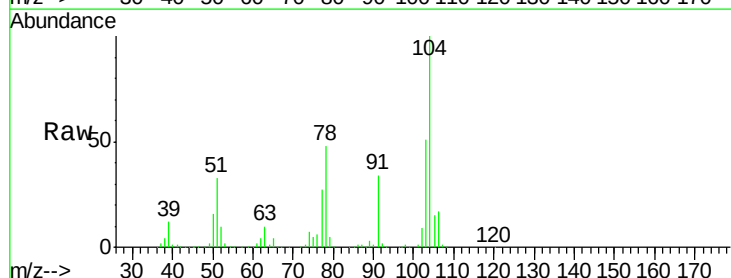
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

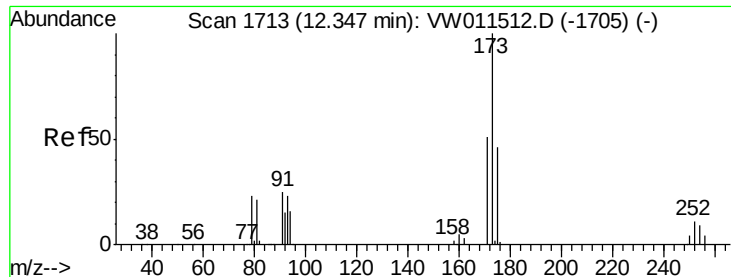
Tot Ion:106 Resp: 222877
Ion Ratio Lower Upper
106 100
91 222.7 110.5 331.5



#70
Styrene
Concen: 52.874 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion:104 Resp: 389973
Ion Ratio Lower Upper
104 100
78 54.6 43.4 65.0
103 55.2 43.9 65.9





#71

Bromoform

Concen: 53.614 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

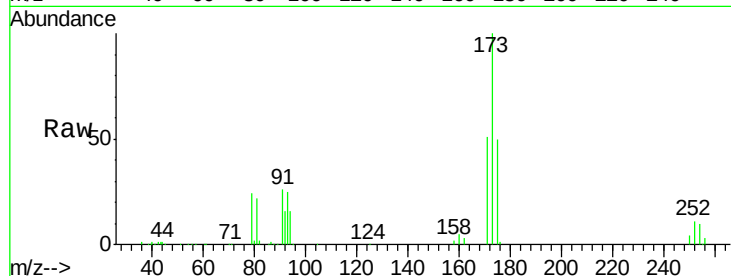
Tot Ion:173 Resp: 63106

Ion Ratio Lower Upper

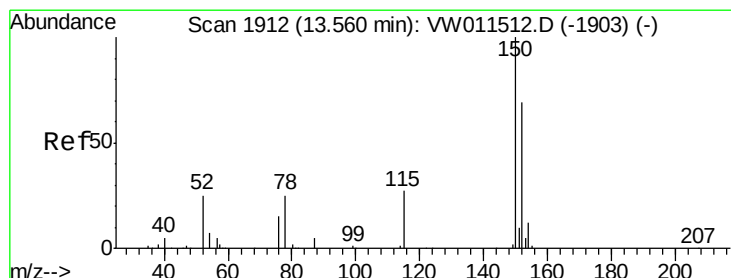
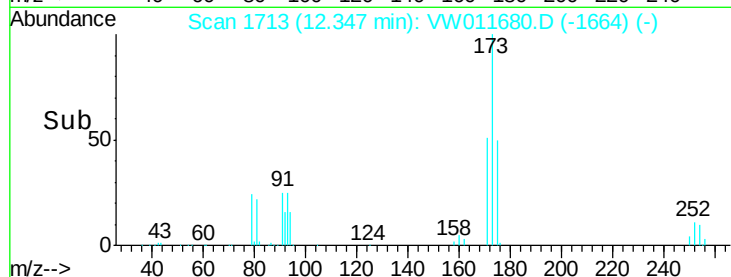
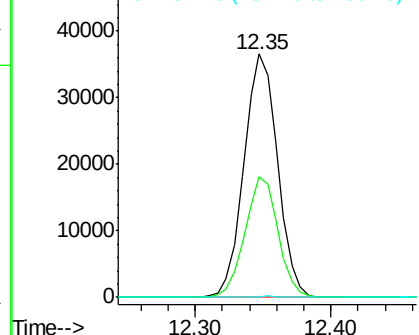
173 100

175 48.6 23.6 71.0

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

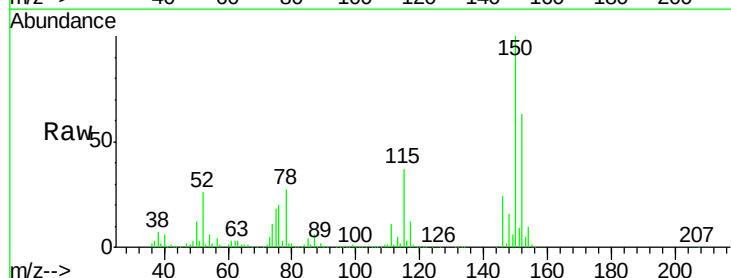
Tgt Ion:152 Resp: 161618

Ion Ratio Lower Upper

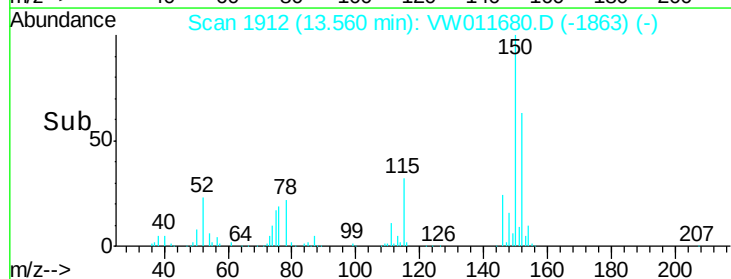
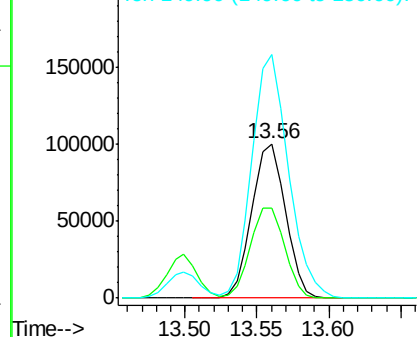
152 100

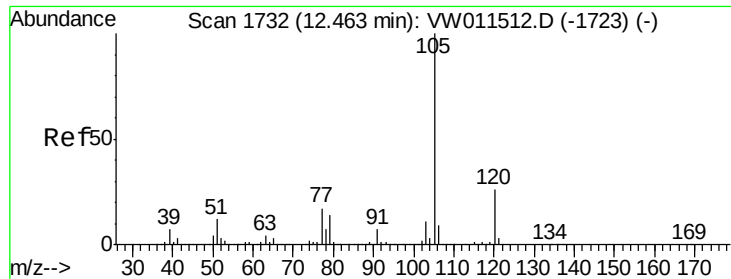
115 60.1 30.5 91.5

150 171.6 0.0 352.6



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





#73

Isopropylbenzene

Concen: 50.503 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

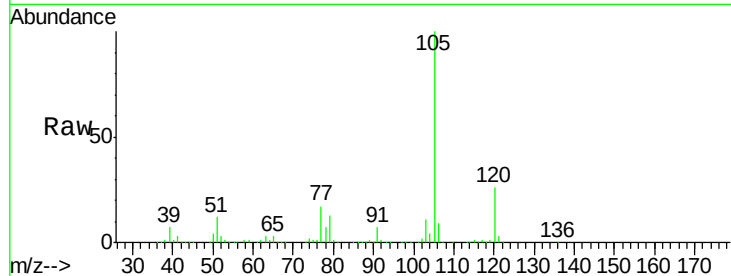
VSTDCCC050

Tot Ion:105 Resp: 608921

Ion Ratio Lower Upper

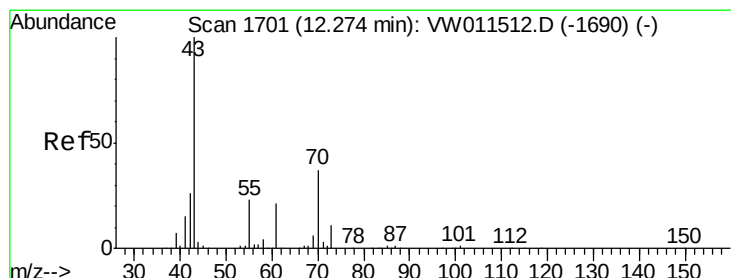
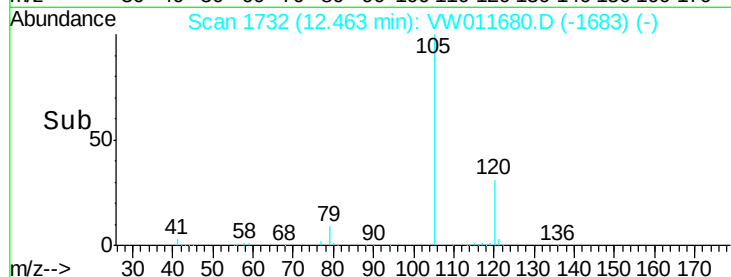
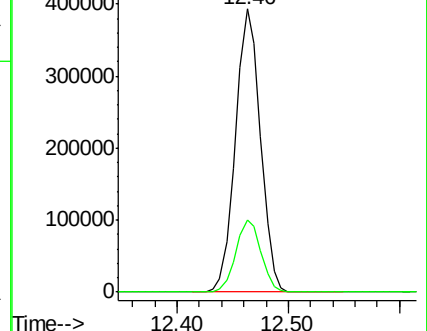
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.755 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Tgt Ion: 43 Resp: 199137

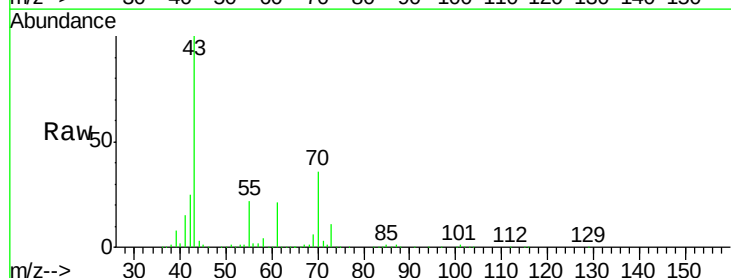
Ion Ratio Lower Upper

43 100

70 35.9 28.6 43.0

55 22.7 17.8 26.8

61 20.9 17.0 25.6

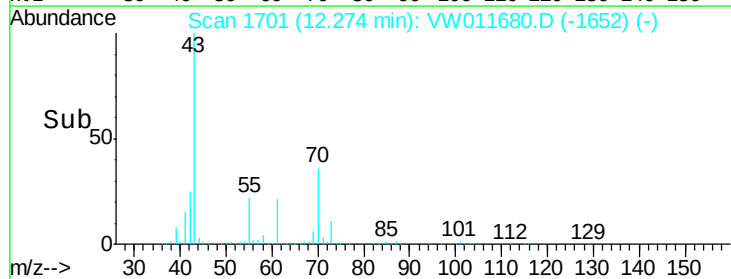
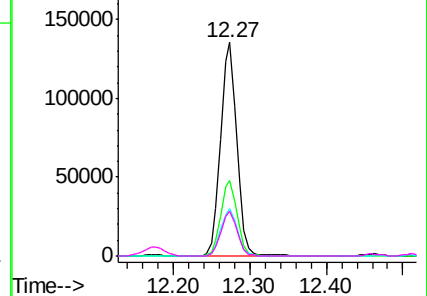


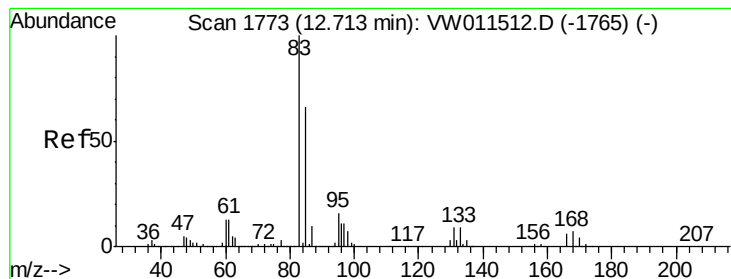
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 53.263 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

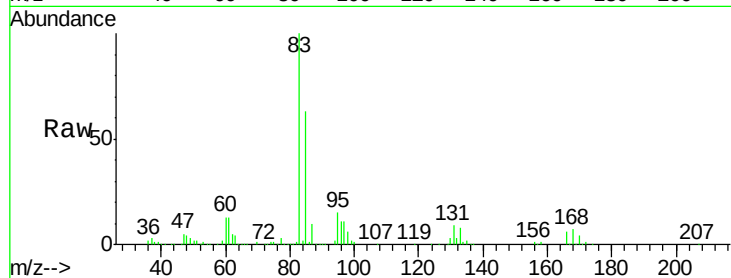
MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 120797

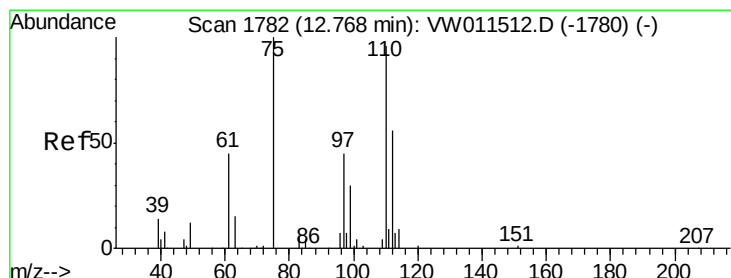
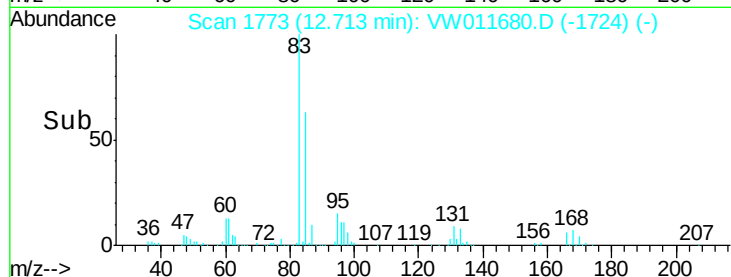
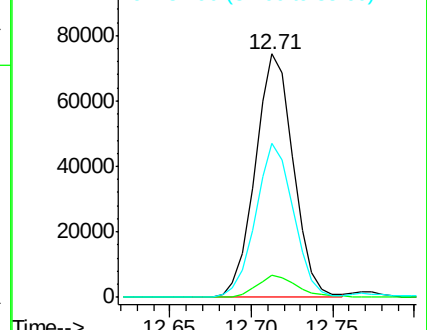
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.6
85	63.0	31.8	95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 48.861 ug/l m

RT: 12.77 min Scan# 1782

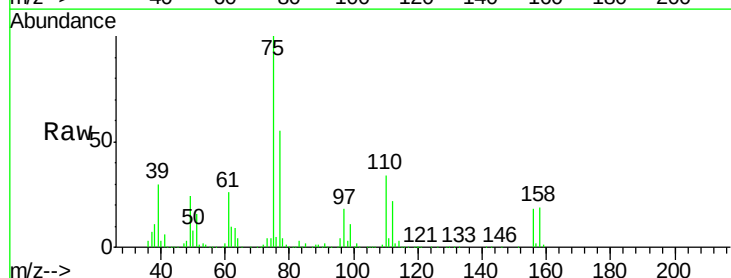
Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

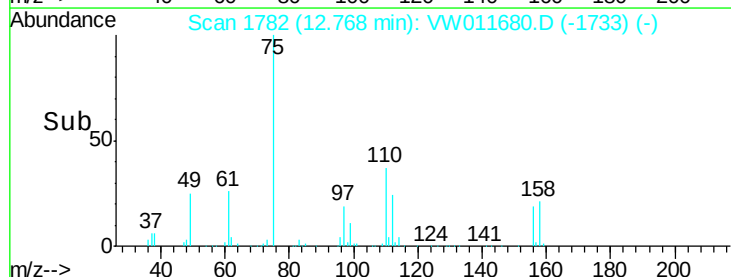
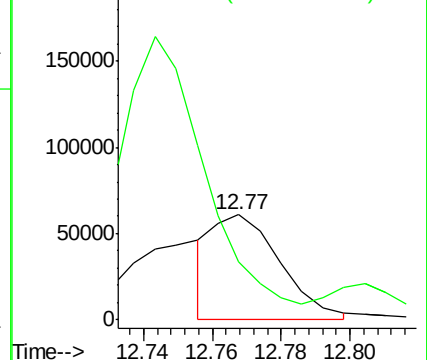
Tgt Ion: 75 Resp: 83558

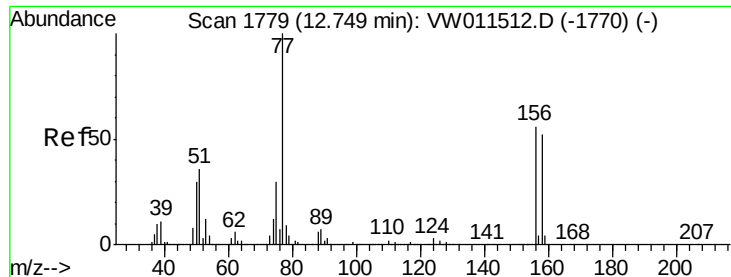
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.256 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

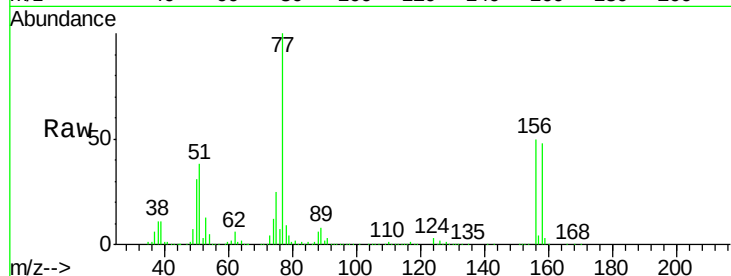
Tot Ion:156 Resp: 136596

Ion Ratio Lower Upper

156 100

77 214.7 106.5 319.4

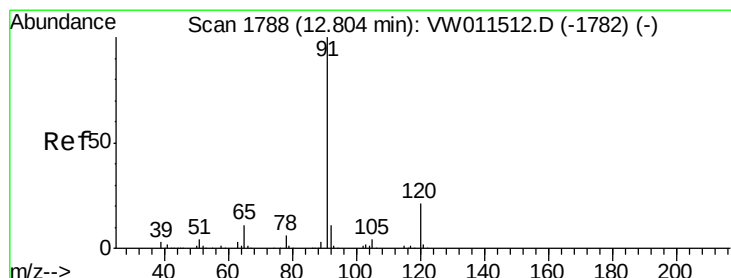
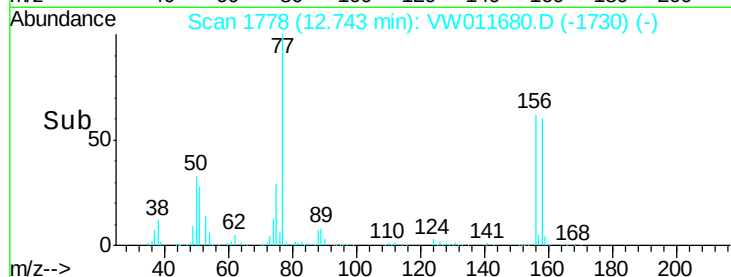
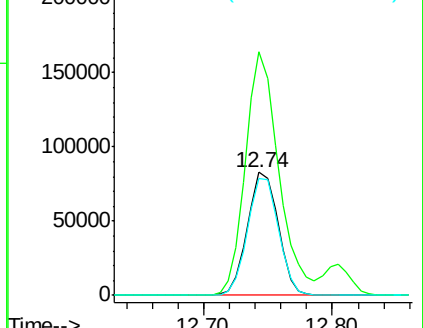
158 96.8 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.927 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011680.D

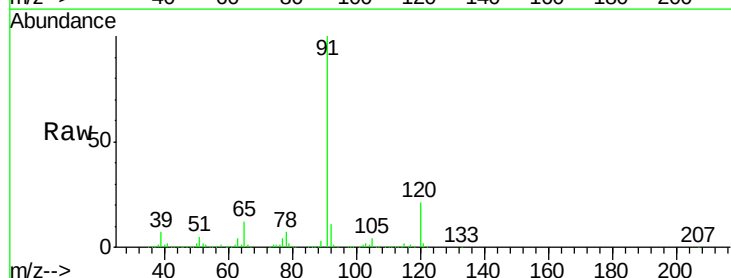
Acq: 03 Aug 2019 22:41

Tgt Ion: 91 Resp: 747284

Ion Ratio Lower Upper

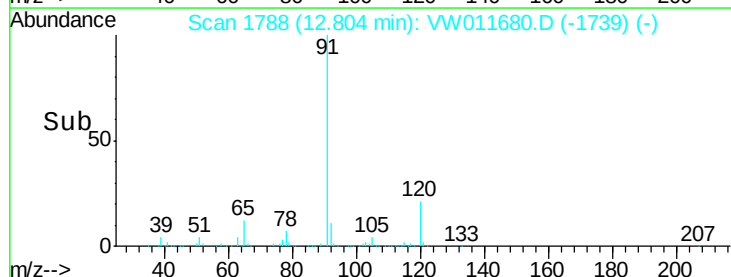
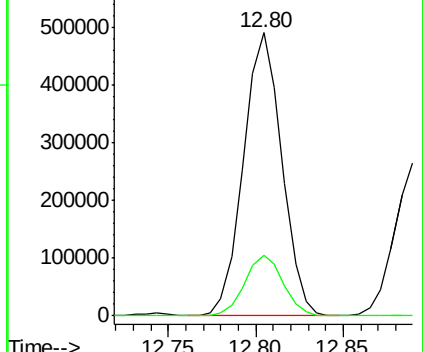
91 100

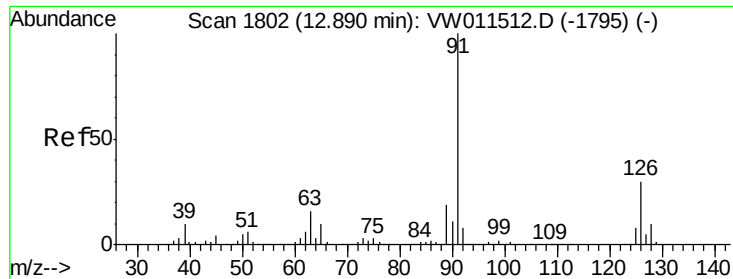
120 21.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

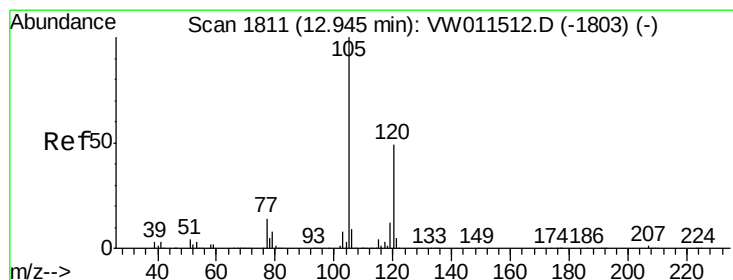
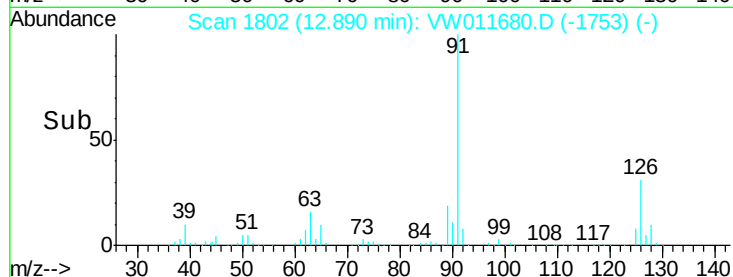
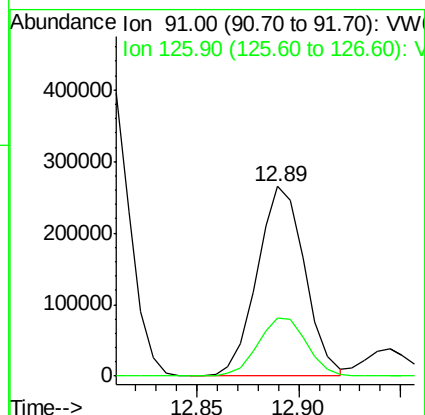
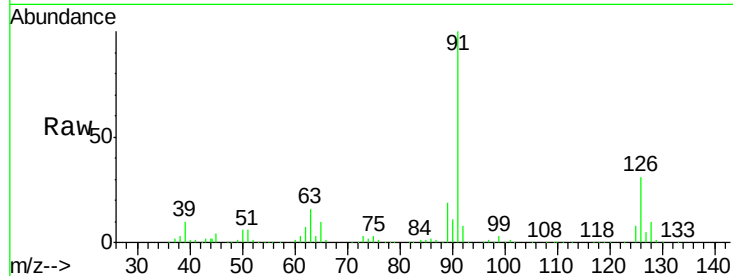




#79
 2-Chlorotoluene
 Concen: 50.822 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

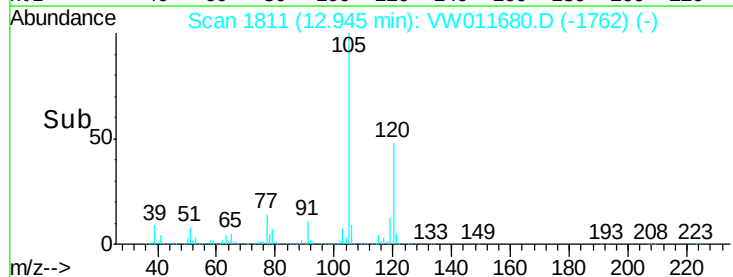
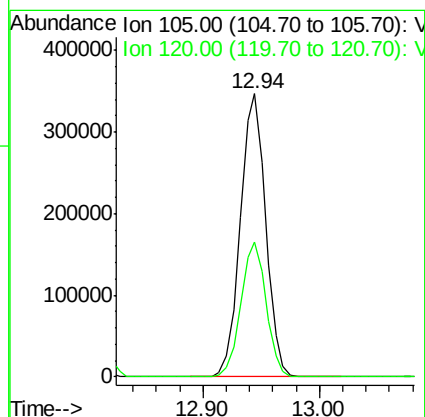
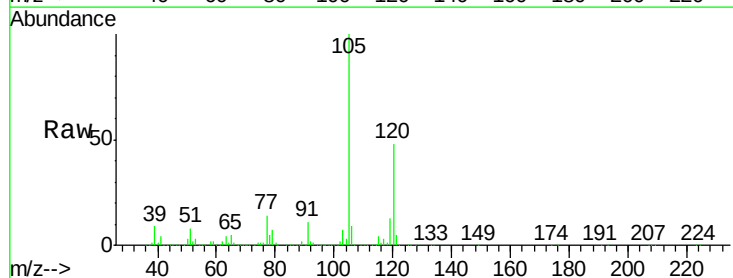
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

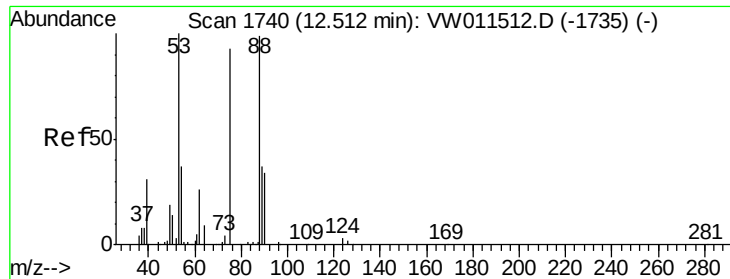
Tot Ion: 91 Resp: 429622
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.002 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion: 105 Resp: 525572
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.3

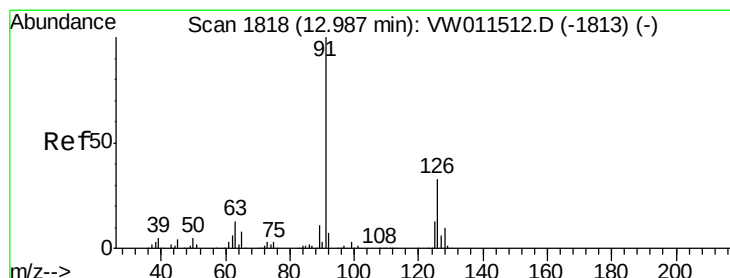
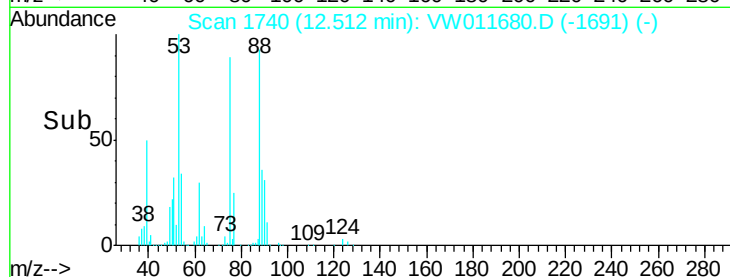
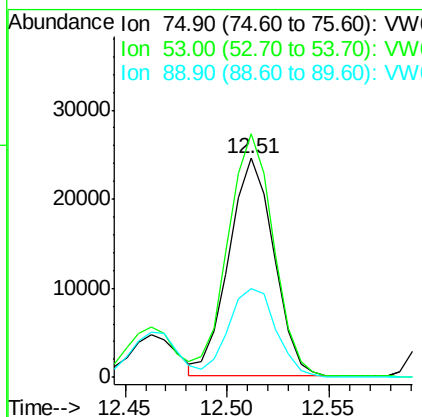
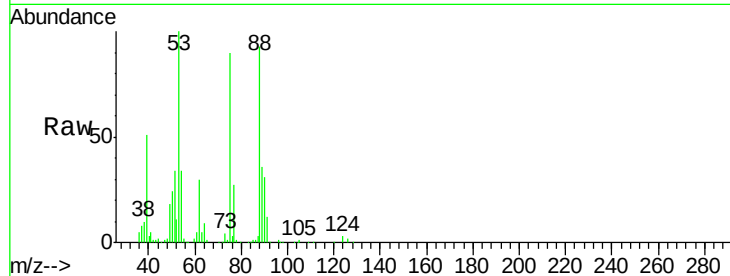




#81
trans-1,4-Dichloro-2-butene
Concen: 50.605 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

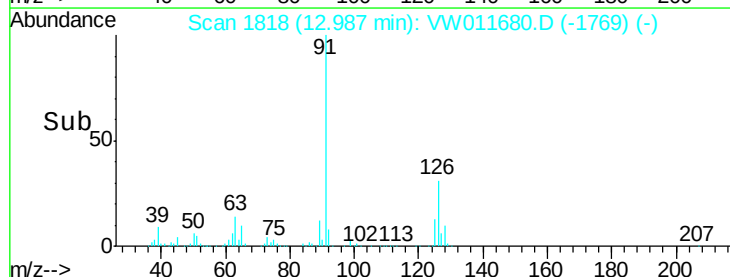
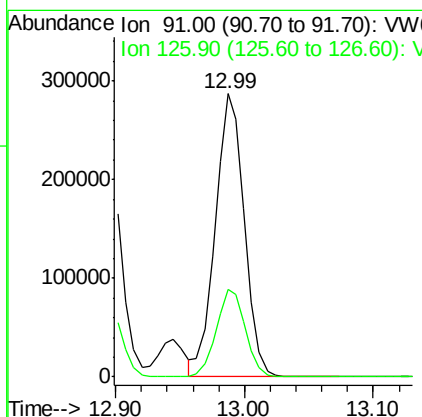
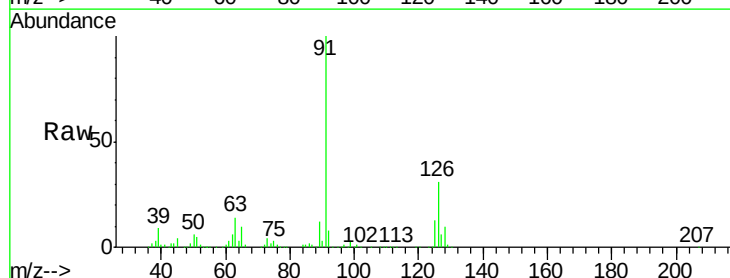
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

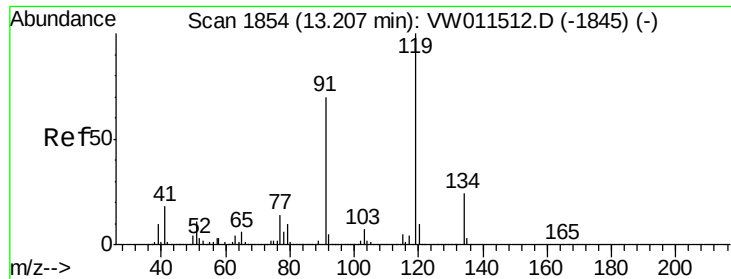
Tot Ion: 75 Resp: 37550
Ion Ratio Lower Upper
75 100
53 114.0 88.0 132.0
89 43.1 35.3 52.9



#82
4-Chlorotoluene
Concen: 51.004 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011680.D
Acq: 03 Aug 2019 22:41

Tgt Ion: 91 Resp: 452375
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.8

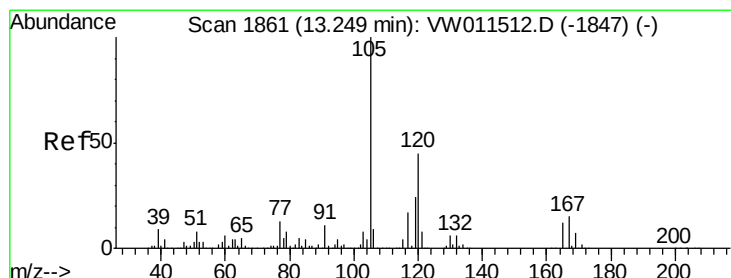
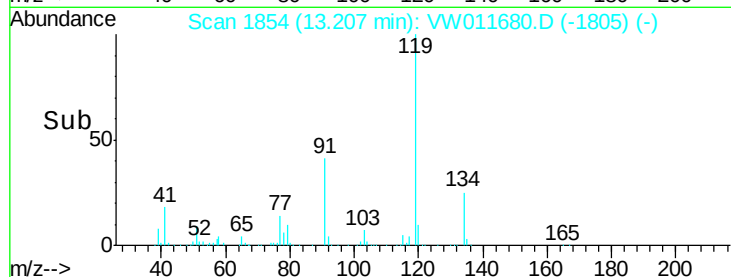
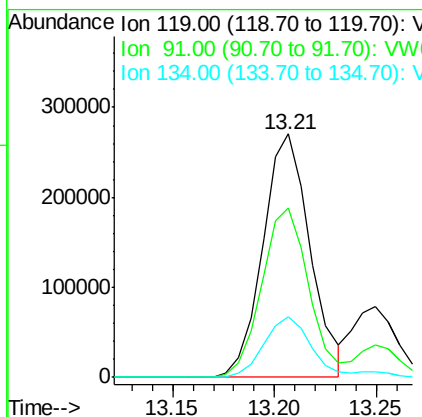
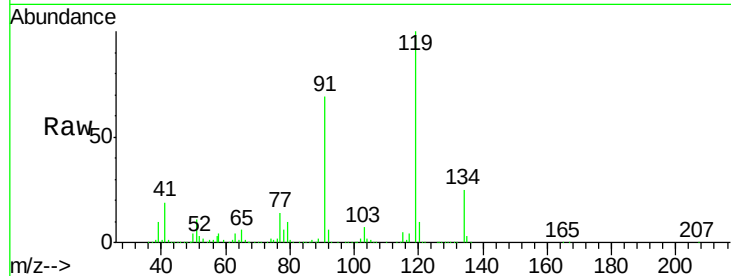




#83
 tert-Butylbenzene
 Concen: 51.581 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

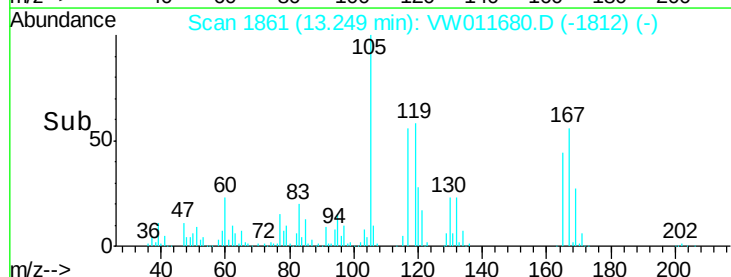
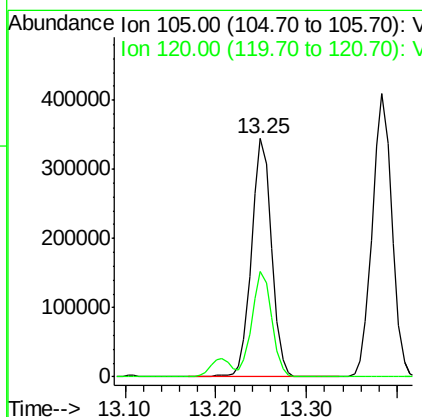
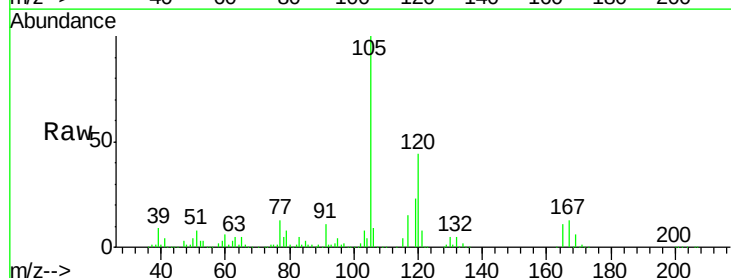
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

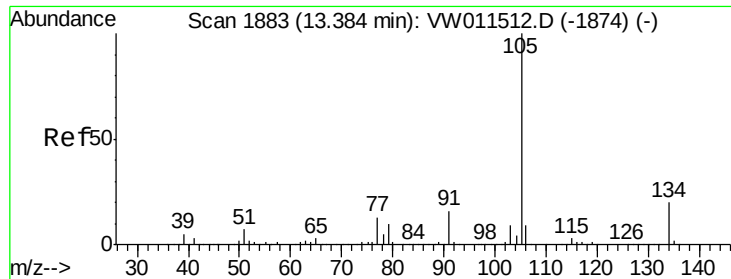
Tot Ion:119 Resp: 435955
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.5 103.6
 134 24.6 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.814 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion:105 Resp: 527530
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.5

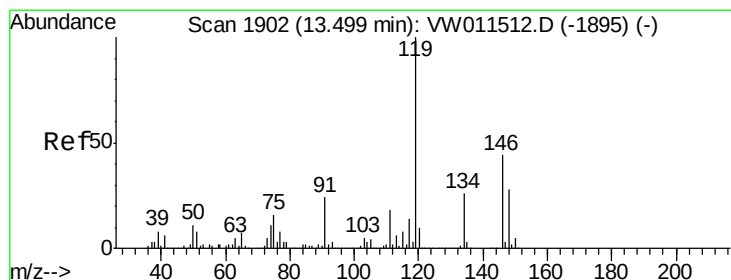
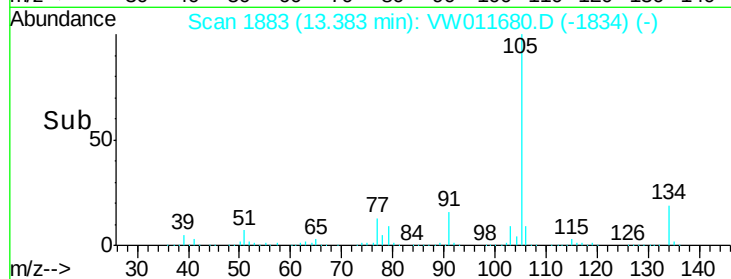
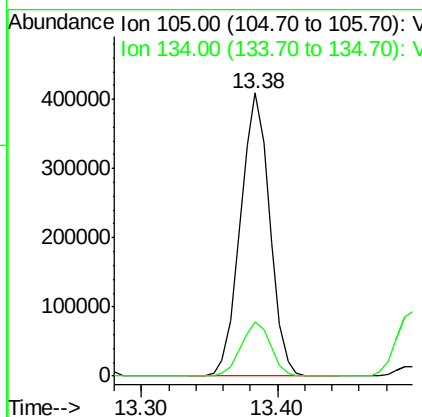
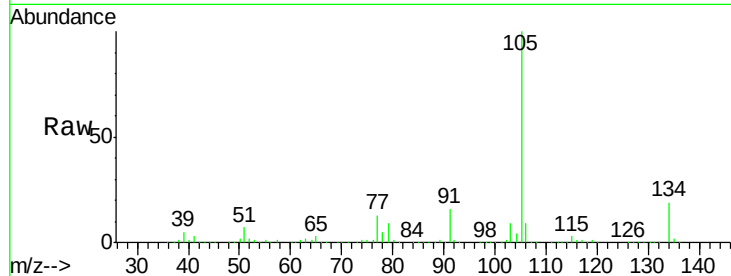




#85
 sec-Butylbenzene
 Concen: 50.942 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

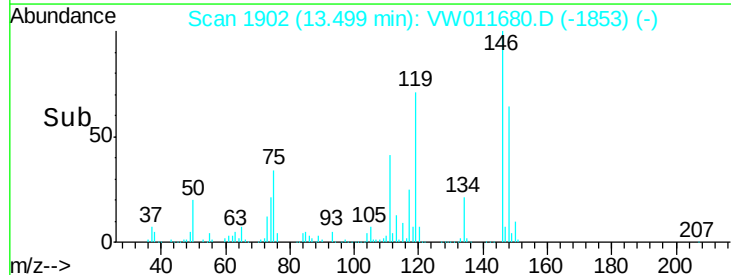
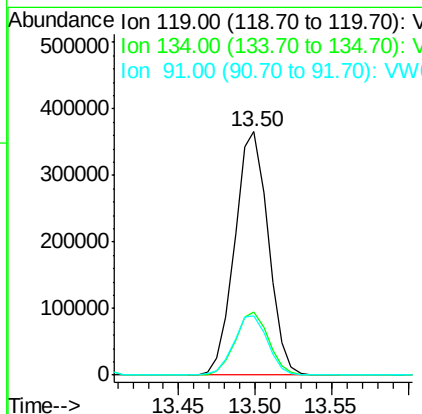
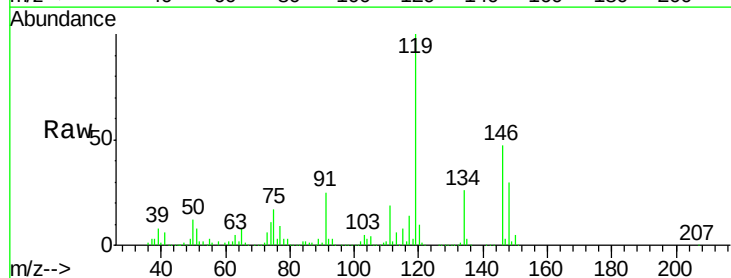
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

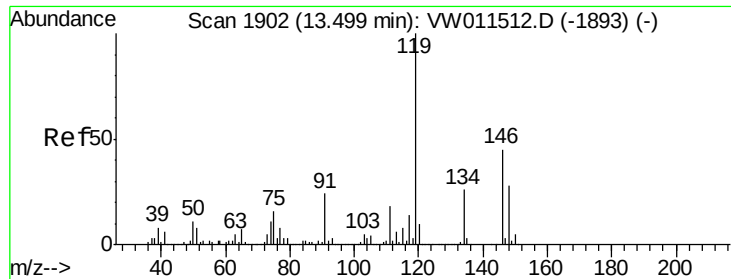
Tot Ion:105 Resp: 614347
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 50.660 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion:119 Resp: 554318
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.5 12.1 36.3

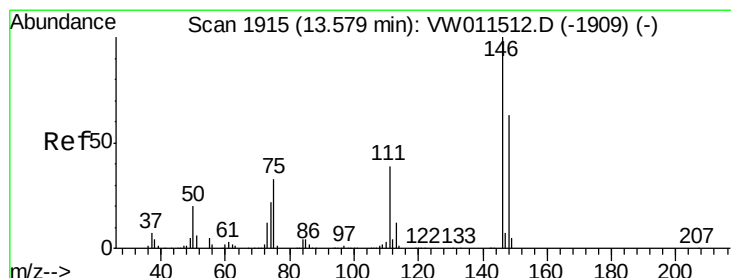
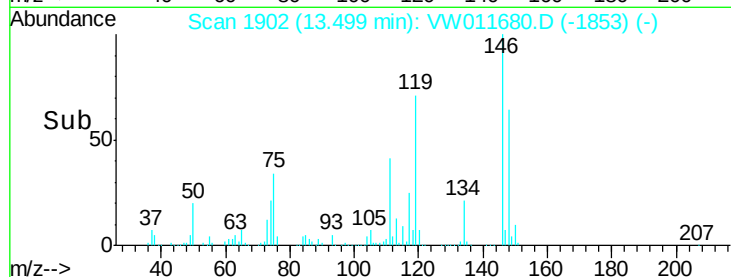
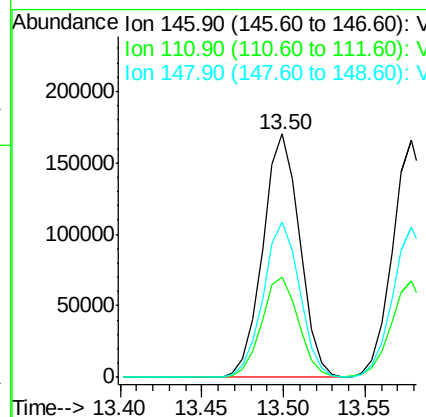
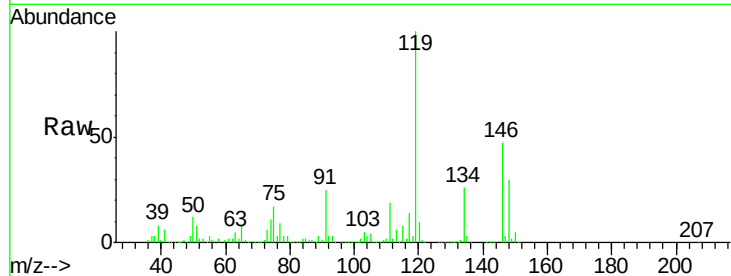




#87
 1,3-Dichlorobenzene
 Concen: 51.239 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

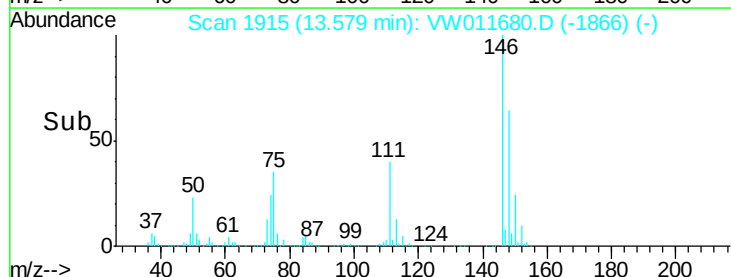
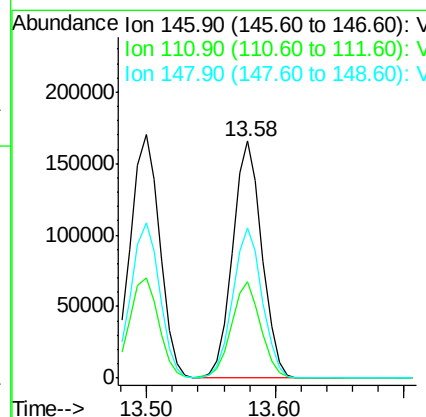
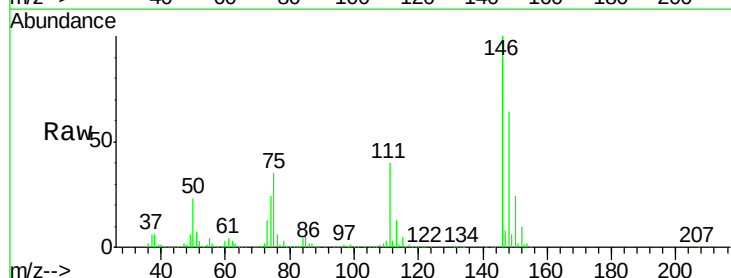
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

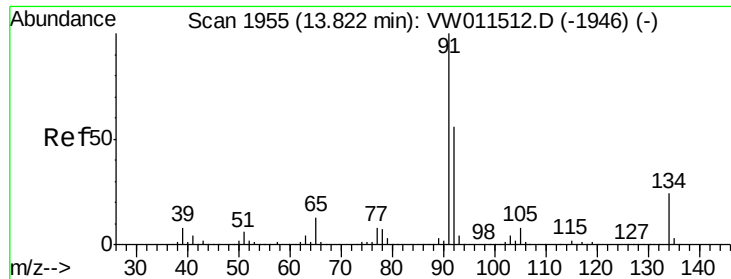
Tot Ion:146 Resp: 267749
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.608 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion:146 Resp: 263063
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.2
 148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 50.309 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

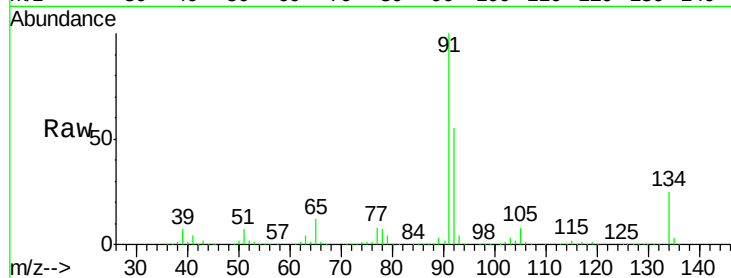
Tot Ion: 91 Resp: 549342

Ion Ratio Lower Upper

91 100

92 54.7 27.5 82.4

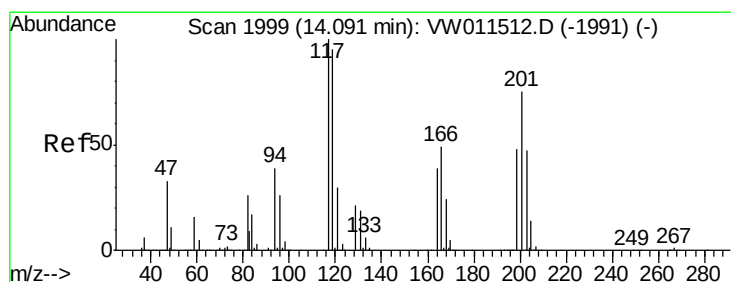
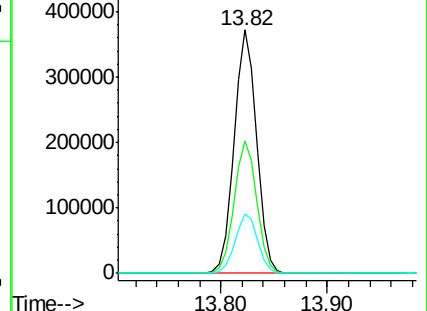
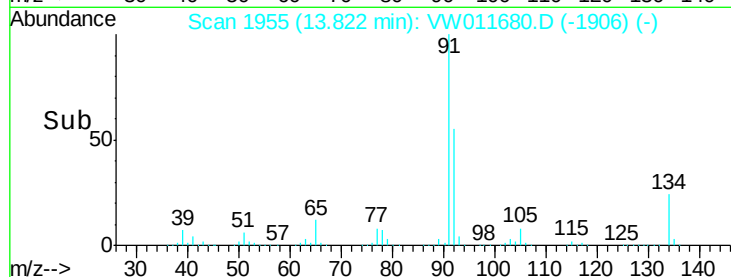
134 24.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.508 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011680.D

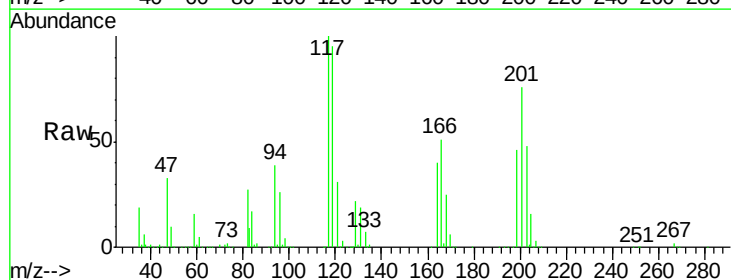
Acq: 03 Aug 2019 22:41

Tgt Ion: 117 Resp: 99659

Ion Ratio Lower Upper

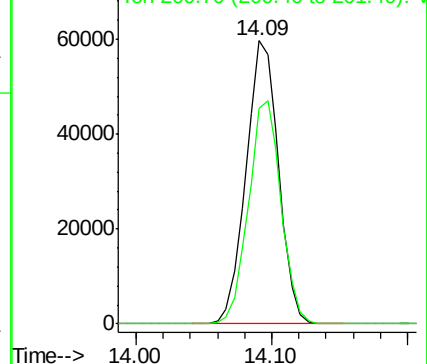
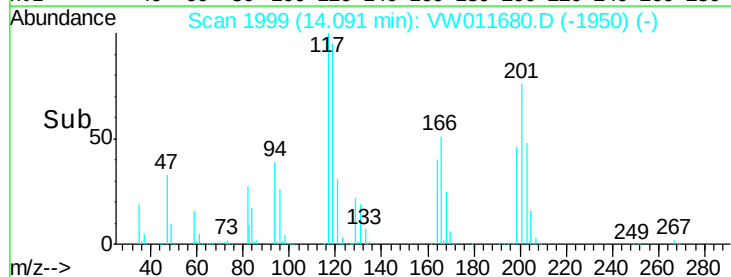
117 100

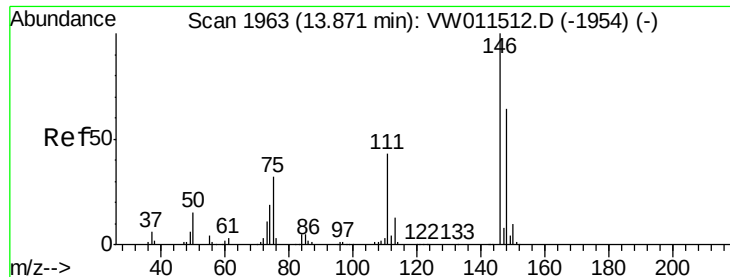
201 79.0 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

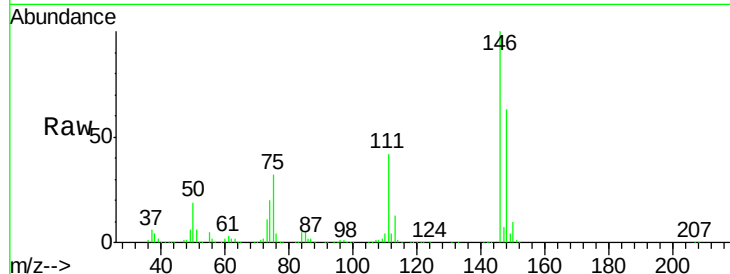




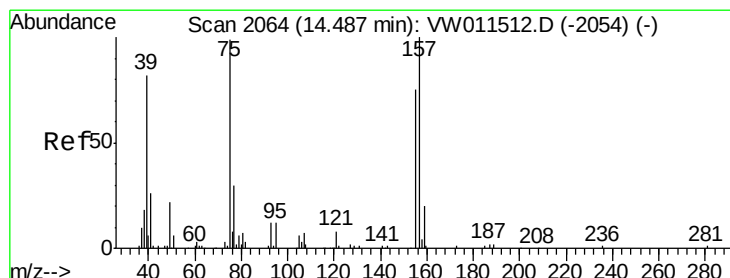
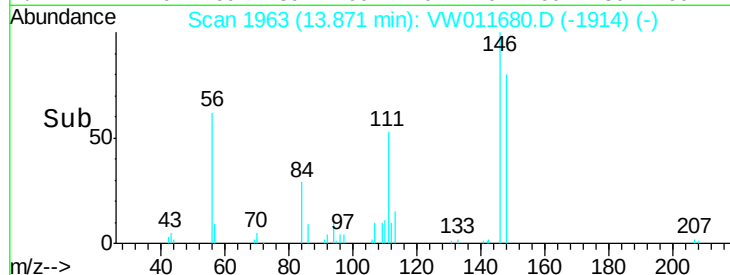
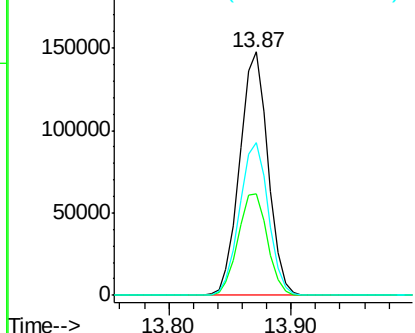
#91
 1,2-Dichlorobenzene
 Concen: 51.077 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	64.0	32.0	96.2

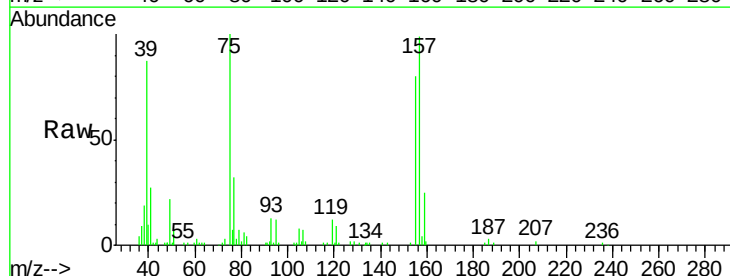


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

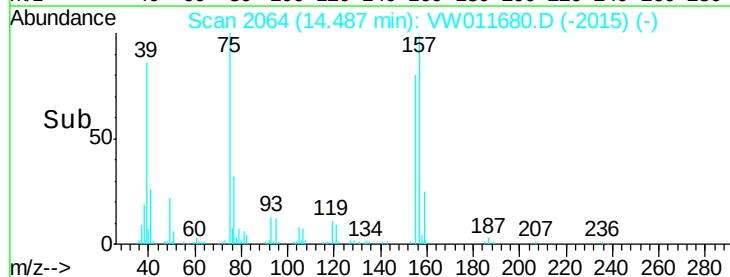
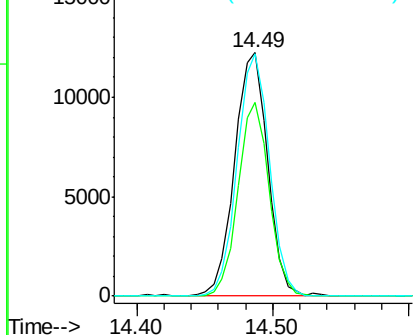


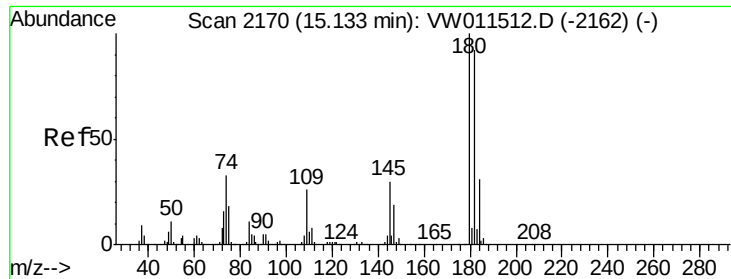
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.638 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	38.2	114.6
157	97.2	48.9	146.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

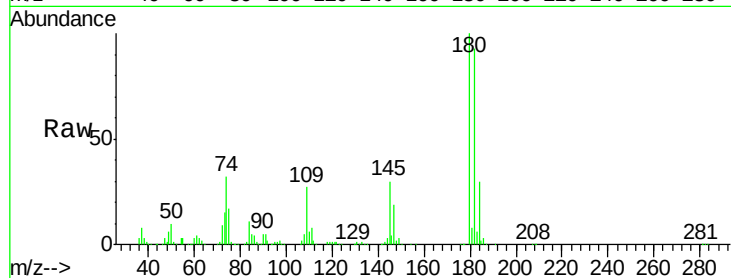




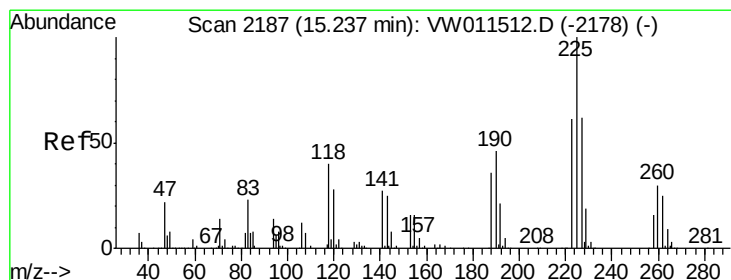
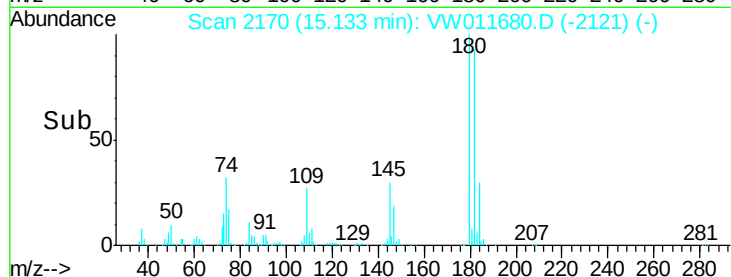
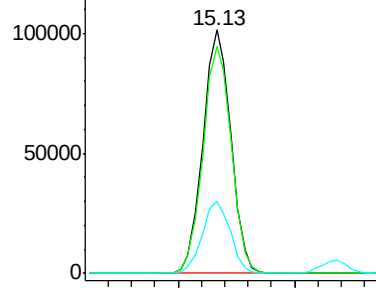
#93
 1,2,4-Trichlorobenzene
 Concen: 51.920 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	29.8	15.4	46.1

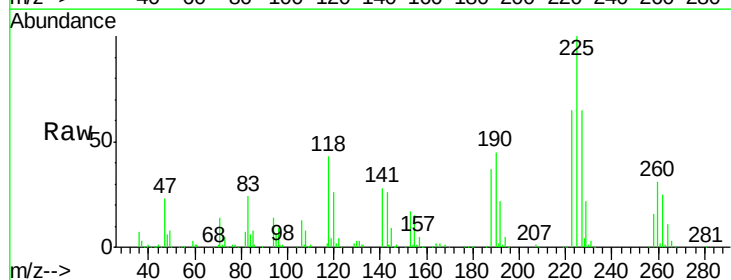


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

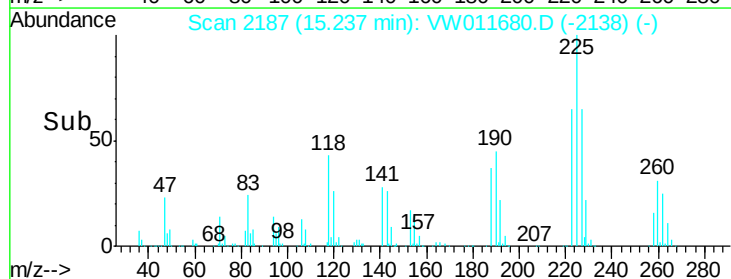
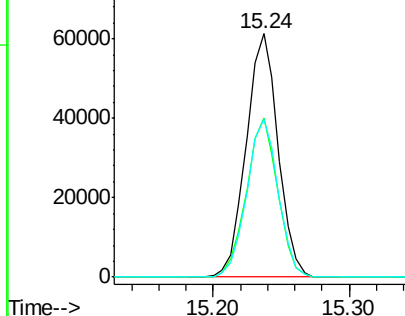


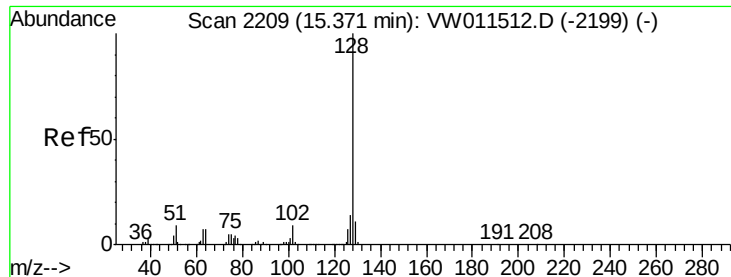
#94
 Hexachlorobutadiene
 Concen: 49.551 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011680.D
 Acq: 03 Aug 2019 22:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.8	92.3
227	63.9	31.6	94.7



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





#95

Naphthalene

Concen: 51.042 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

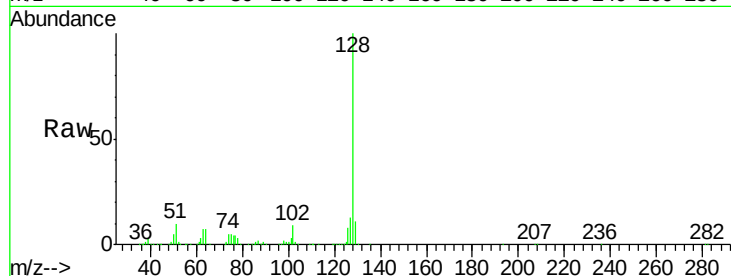
Tot Ion:128 Resp: 325954

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

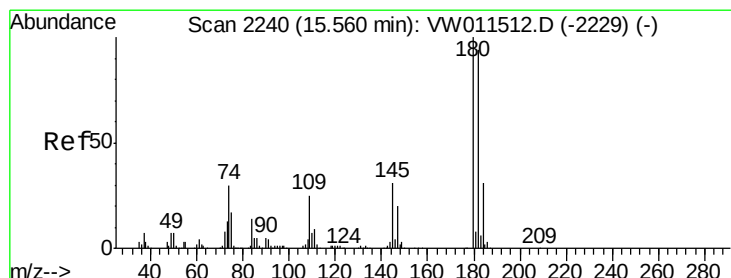
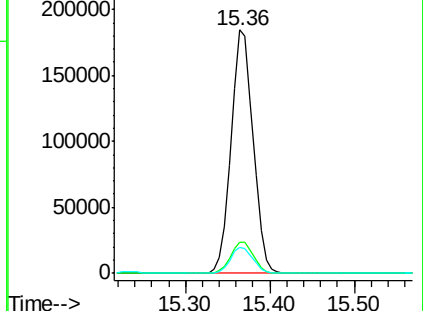
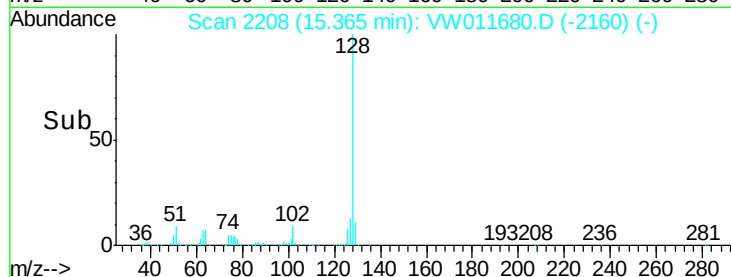
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.697 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011680.D

Acq: 03 Aug 2019 22:41

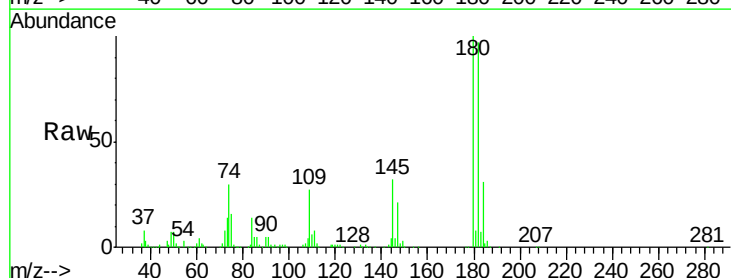
Tgt Ion:180 Resp: 150458

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.2

145 31.7 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

