

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010701.D
 Acq On : 06 Jun 2019 10:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 07 07:37:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	404987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169710	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	151228	50.84	ug/l	0.00
Spiked Amount						
			Recovery	=	101.68%	
35) Dibromofluoromethane	7.88	113	124040	56.43	ug/l	0.00
Spiked Amount						
			Recovery	=	112.86%	
50) Toluene-d8	10.32	98	521049	54.05	ug/l	0.00
Spiked Amount						
			Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.62	95	187937	53.58	ug/l	0.00
Spiked Amount						
			Recovery	=	107.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	118321	50.739	ug/l	99
3) Chloromethane	2.21	50	178703	52.087	ug/l	98
4) Vinyl Chloride	2.35	62	165984	52.364	ug/l	98
5) Bromomethane	2.75	94	89710	51.537	ug/l	95
6) Chloroethane	2.91	64	100280	52.704	ug/l	99
7) Trichlorofluoromethane	3.25	101	225547	54.814	ug/l	99
8) Diethyl Ether	3.68	74	70294	47.803	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	138672	54.816	ug/l	99
10) Methyl Iodide	4.26	142	134152	51.336	ug/l	99
11) Tert butyl alcohol	5.17	59	60573	249.980	ug/l	99
12) 1,1-Dichloroethene	4.03	96	133351	54.644	ug/l	99
13) Acrolein	3.89	56	24569	248.130	ug/l	97
14) Allyl chloride	4.67	41	299852	55.726	ug/l	99
15) Acrylonitrile	5.36	53	167731	234.791	ug/l	99
16) Acetone	4.12	43	218089	273.649	ug/l	100
17) Carbon Disulfide	4.37	76	428174	55.271	ug/l	100
18) Methyl Acetate	4.67	43	75120	43.788	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	340805	48.421	ug/l	97
20) Methylene Chloride	4.91	84	140329	50.192	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	150571	54.352	ug/l	97
22) Diisopropyl ether	6.31	45	567564	52.686	ug/l	99
23) Vinyl Acetate	6.25	43	1665339	256.159	ug/l	99
24) 1,1-Dichloroethane	6.21	63	291243	53.948	ug/l	100
25) 2-Butanone	7.16	43	273213	247.229	ug/l	97
26) 2,2-Dichloropropane	7.16	77	260668	59.337	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	163332	53.573	ug/l	98
28) Bromochloromethane	7.51	49	128108	53.173	ug/l	98
29) Tetrahydrofuran	7.52	42	157653	226.806	ug/l	99
30) Chloroform	7.67	83	266114	53.892	ug/l	97
31) Cyclohexane	7.95	56	312280	52.036	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	238665	55.330	ug/l	100
36) 1,1-Dichloropropene	8.08	75	230467	55.594	ug/l	100
37) Ethyl Acetate	7.25	43	110509	48.106	ug/l	98
38) Carbon Tetrachloride	8.07	117	204213	57.065	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	295141	56.005	ug/l	99
40) Benzene	8.32	78	617648	54.615	ug/l	98
41) Methacrylonitrile	7.48	41	66495	48.698	ug/l	98
42) 1,2-Dichloroethane	8.40	62	189071	52.676	ug/l	99
43) Isopropyl Acetate	8.42	43	211779	47.719	ug/l	100
44) Trichloroethene	9.09	130	152836	54.786	ug/l	99
45) 1,2-Dichloropropane	9.37	63	160949	53.763	ug/l	99
46) Dibromomethane	9.46	93	71357	51.318	ug/l	98
47) Bromodichloromethane	9.65	83	196388	54.486	ug/l	98
48) Methyl methacrylate	9.43	41	103404	48.325	ug/l	99
49) 1,4-Dioxane	9.45	88	21310	980.236	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	539211	237.824	ug/l	100
52) Toluene	10.39	92	380939	54.746	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	206779	54.163	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	246226	54.810	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	100686	50.264	ug/l	99
56) Ethyl methacrylate	10.65	69	153781	49.892	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192502	50.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	399187	247.260	ug/l	100
59) 2-Hexanone	10.97	43	401964	245.309	ug/l	99
60) Dibromochloromethane	11.13	129	116748	52.576	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94627	49.859	ug/l	99
64) Tetrachloroethene	10.86	164	125550	52.764	ug/l	98
65) Chlorobenzene	11.66	112	380894	54.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	133122	54.568	ug/l	99
67) Ethyl Benzene	11.73	91	748870	55.291	ug/l	99
68) m/p-Xylenes	11.84	106	536497	110.654	ug/l	99
69) o-Xylene	12.16	106	250583	54.494	ug/l	97
70) Styrene	12.18	104	436139	54.599	ug/l	100
71) Bromoform	12.35	173	64924	51.457	ug/l #	100
73) Isopropylbenzene	12.46	105	716282	56.166	ug/l	99
74) N-amyl acetate	12.27	43	206596	50.125	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	116659	48.050	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	159205	89.331	ug/l #	100
77) Bromobenzene	12.75	156	148323	53.281	ug/l	99
78) n-propylbenzene	12.80	91	868659	56.488	ug/l	100
79) 2-Chlorotoluene	12.90	91	489649	55.734	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	589987	56.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39770	51.288	ug/l	99
82) 4-Chlorotoluene	12.99	91	505479	55.754	ug/l	99
83) tert-Butylbenzene	13.21	119	498076	56.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	594087	56.557	ug/l	99
85) sec-Butylbenzene	13.38	105	735264	57.004	ug/l	100
86) p-Isopropyltoluene	13.50	119	654210	56.718	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	294803	54.914	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	290052	54.499	ug/l	99
89) n-Butylbenzene	13.83	91	666825	57.942	ug/l	100
90) Hexachloroethane	14.10	117	121336	58.740	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	255759	52.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20177	48.396	ug/l	99

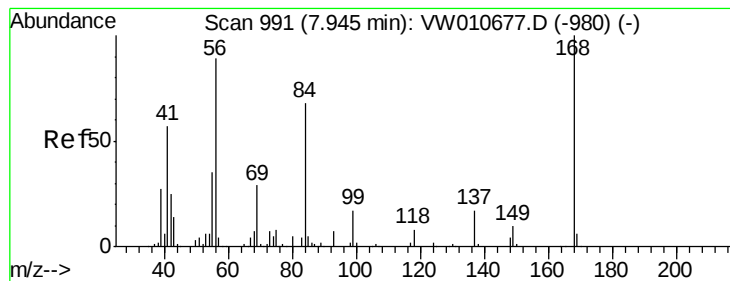
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	190132	56.121	ug/l	98
94) Hexachlorobutadiene	15.24	225	123355	58.014	ug/l	99
95) Naphthalene	15.37	128	316371	51.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	160748	55.791	ug/l	99

(#) = 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: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

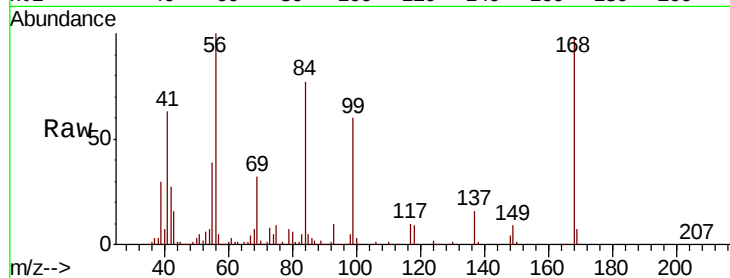
VSTDCCC050

Tot Ion:168 Resp: 252346

Ion Ratio Lower Upper

168 100

99 61.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

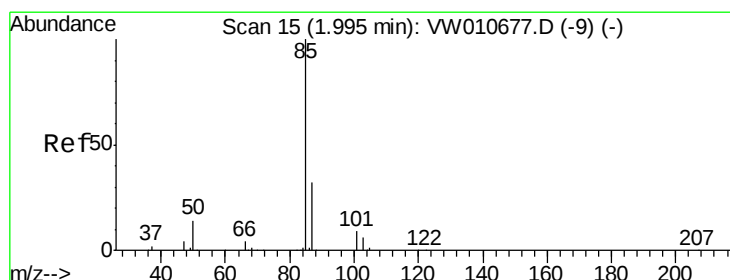
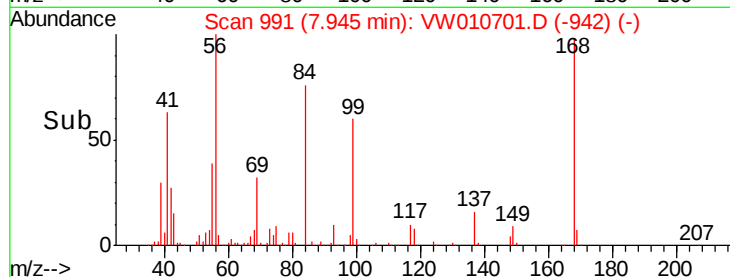
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.739 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010701.D

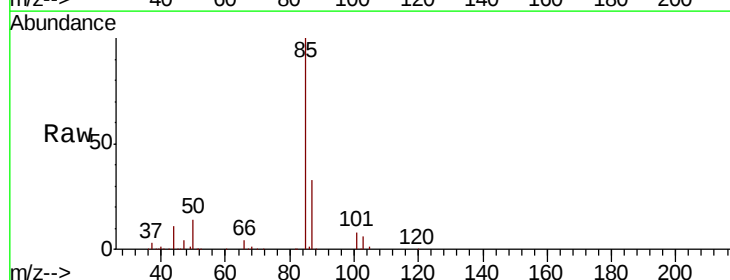
Acq: 06 Jun 2019 10:55

Tgt Ion: 85 Resp: 118321

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

80000

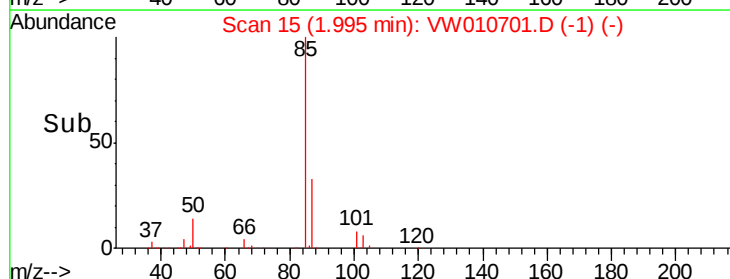
60000

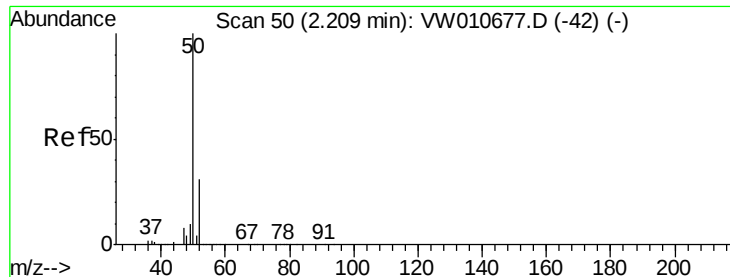
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 52.087 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

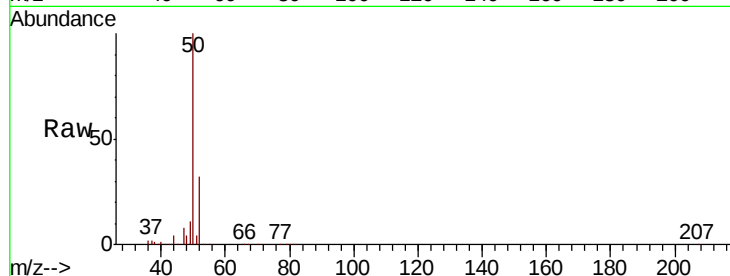
VSTDCCC050

Tot Ion: 50 Resp: 178703

Ion Ratio Lower Upper

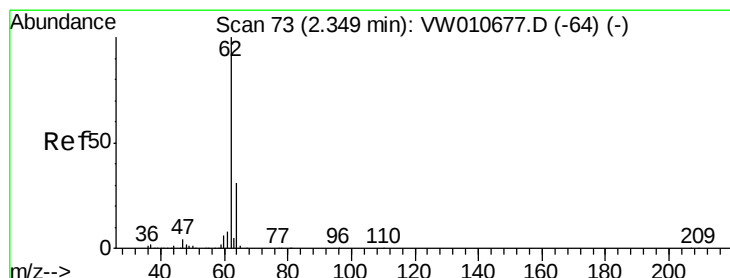
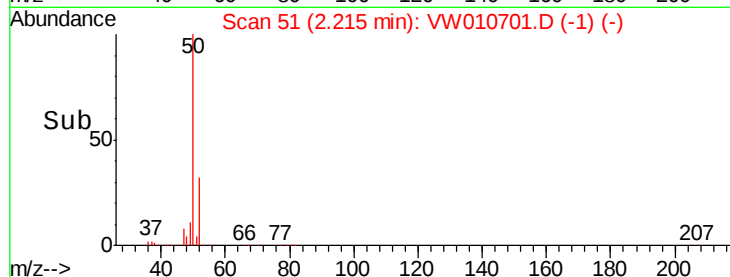
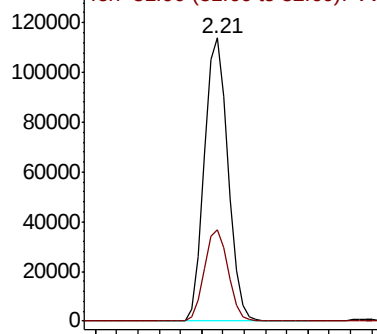
50 100

52 32.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 52.364 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010701.D

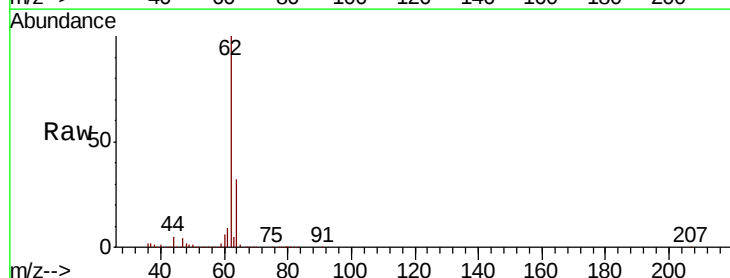
Acq: 06 Jun 2019 10:55

Tgt Ion: 62 Resp: 165984

Ion Ratio Lower Upper

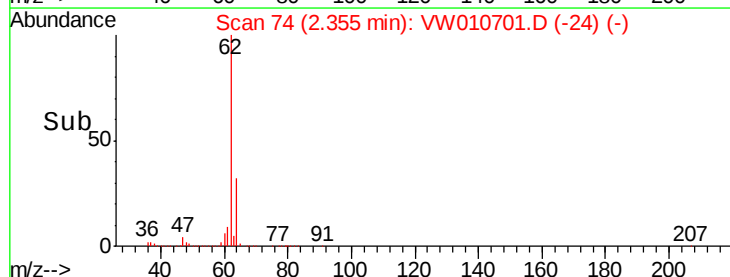
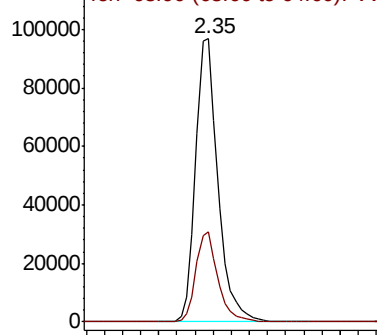
62 100

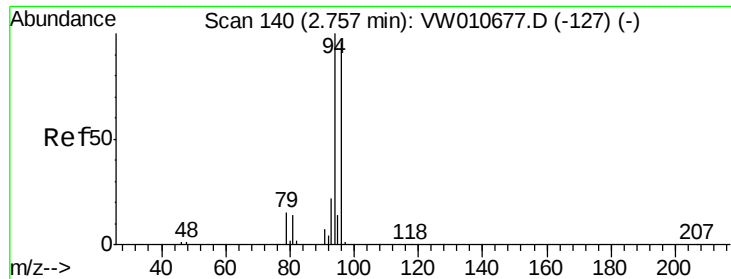
64 31.7 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 51.537 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

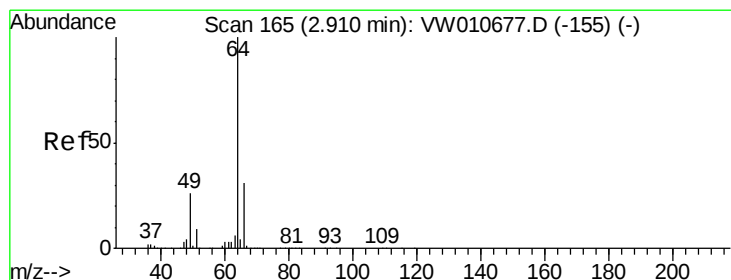
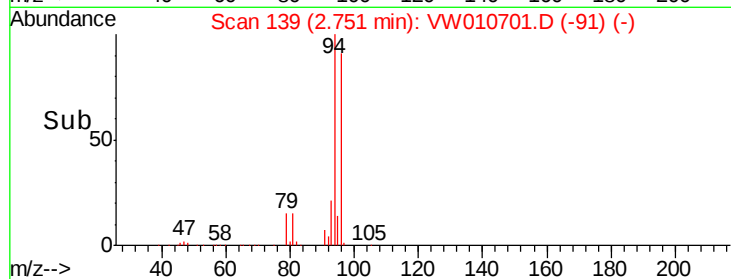
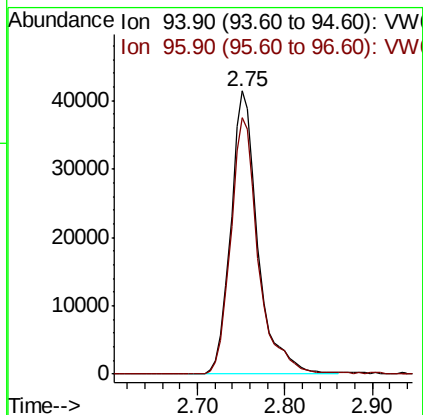
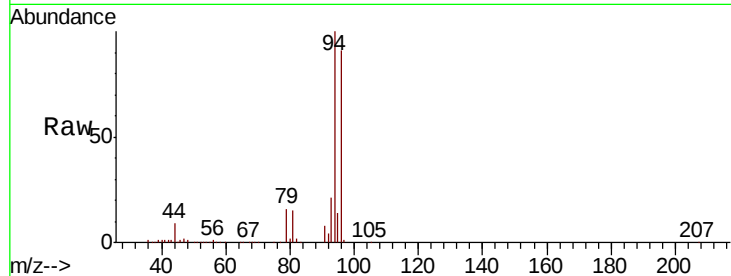
VSTDCCC050

Tot Ion: 94 Resp: 89710

Ion Ratio Lower Upper

94 100

96 90.4 76.5 114.7



#6

Chloroethane

Concen: 52.704 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010701.D

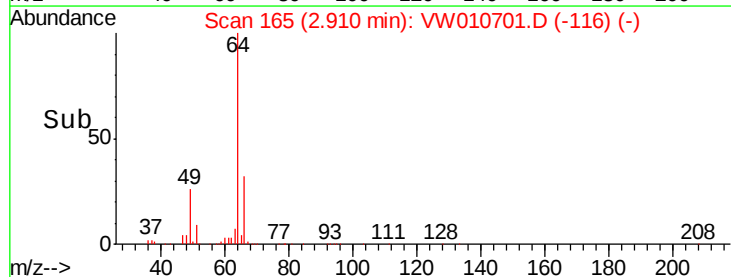
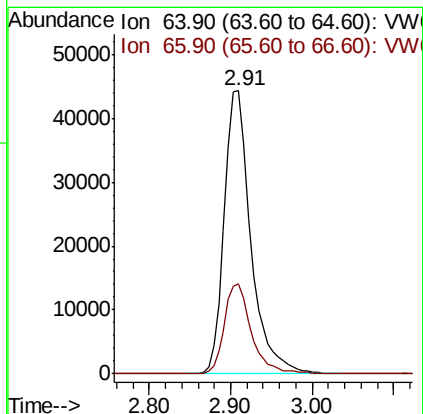
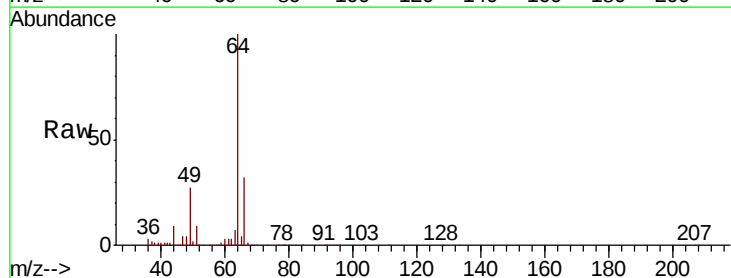
Acq: 06 Jun 2019 10:55

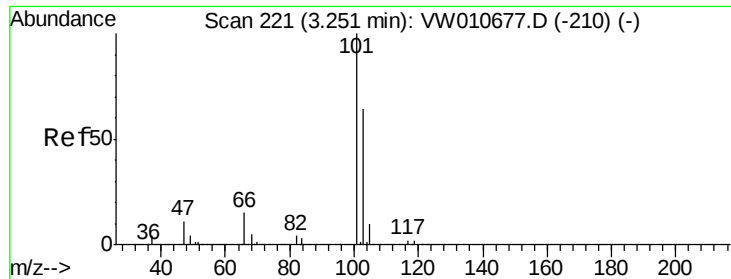
Tgt Ion: 64 Resp: 100280

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



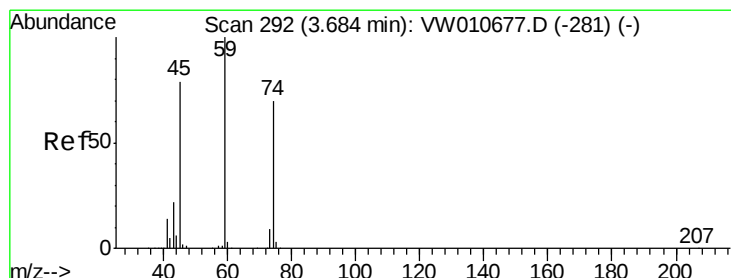
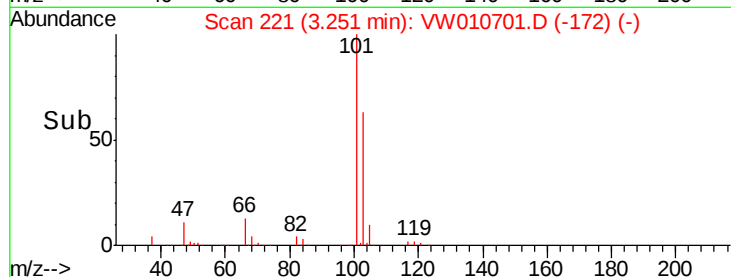
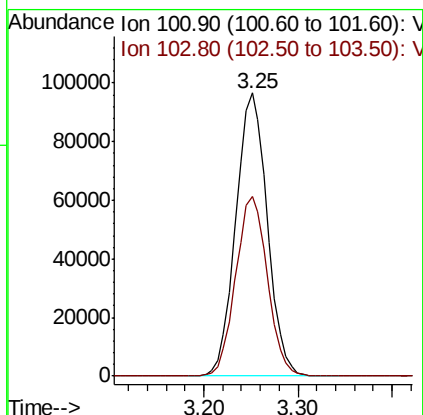
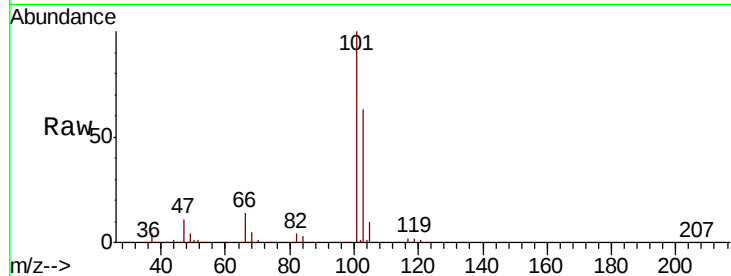


#7

Trichlorofluoromethane
 Concen: 54.814 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010701.D
 Acq: 06 Jun 2019 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

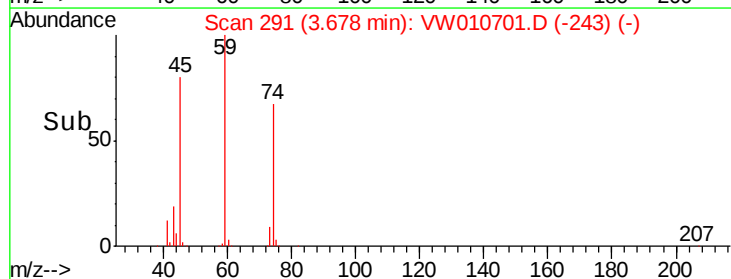
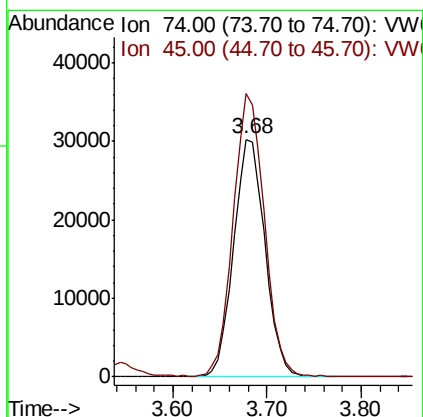
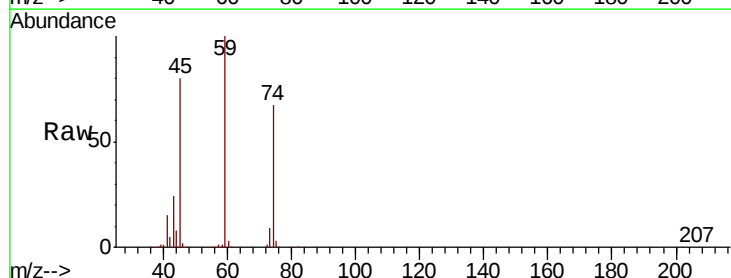
Tot Ion:101 Resp: 225547
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8

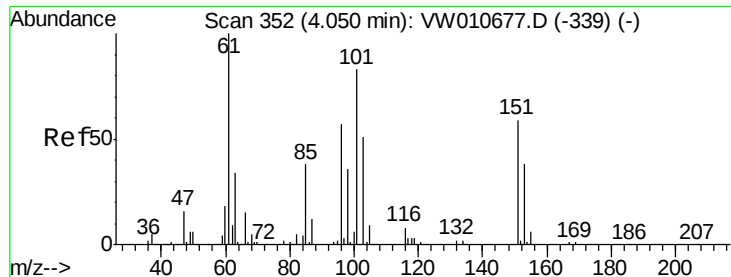


#8

Diethyl Ether
 Concen: 47.803 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010701.D
 Acq: 06 Jun 2019 10:55

Tgt Ion: 74 Resp: 70294
 Ion Ratio Lower Upper
 74 100
 45 118.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.816 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

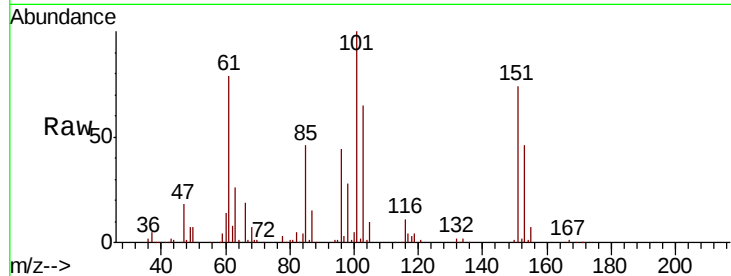
Tot Ion:101 Resp: 138672

Ion Ratio Lower Upper

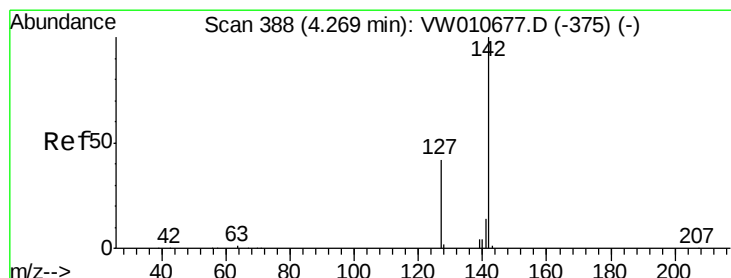
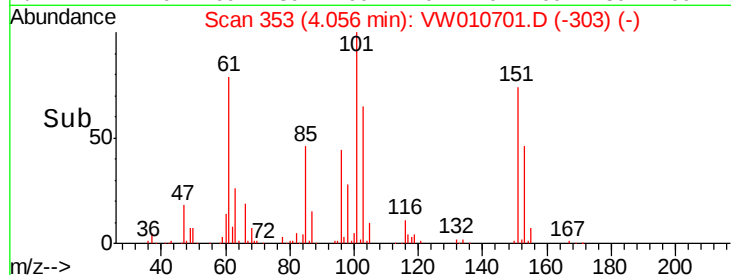
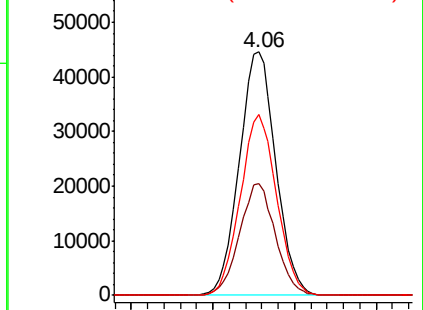
101 100

85 45.0 35.8 53.8

151 73.7 58.1 87.1



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



#10

Methyl Iodide

Concen: 51.336 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

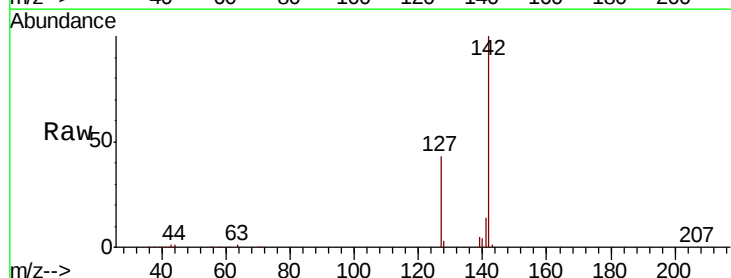
Tgt Ion:142 Resp: 134152

Ion Ratio Lower Upper

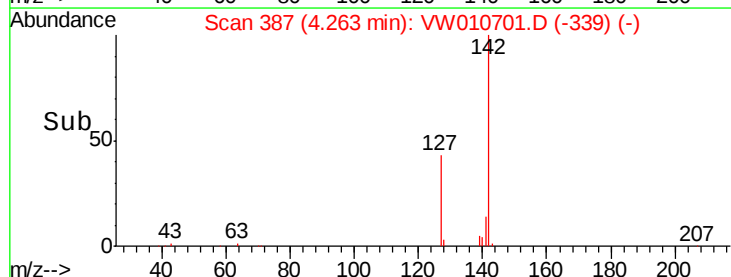
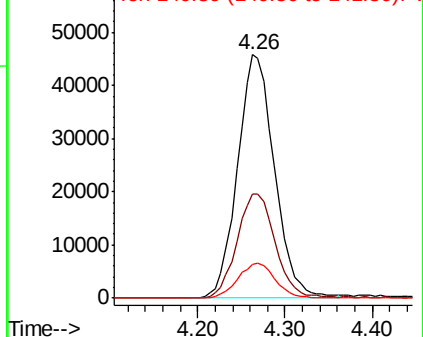
142 100

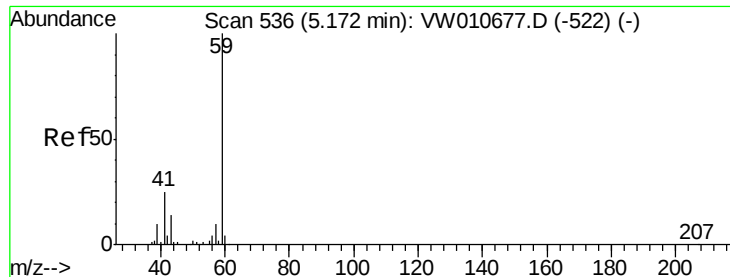
127 44.3 34.6 51.8

141 14.5 11.6 17.4



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



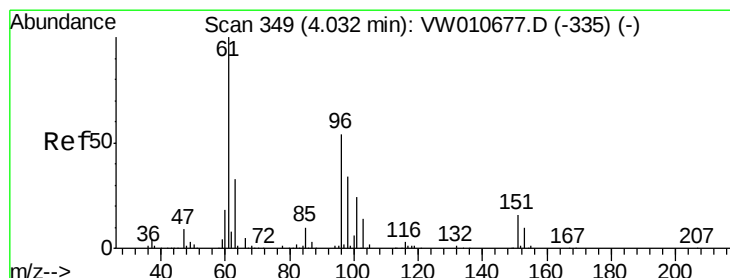
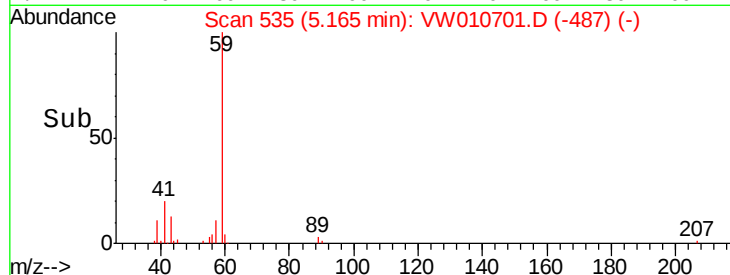
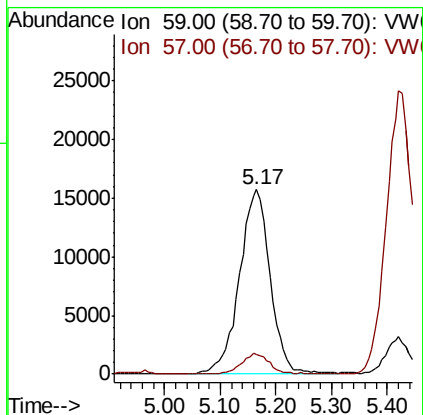
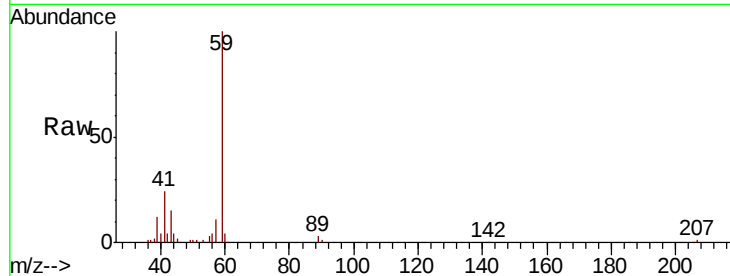


#11

Tert butyl alcohol
Concen: 249.980 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

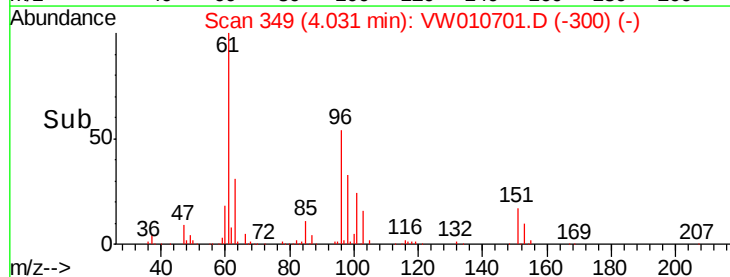
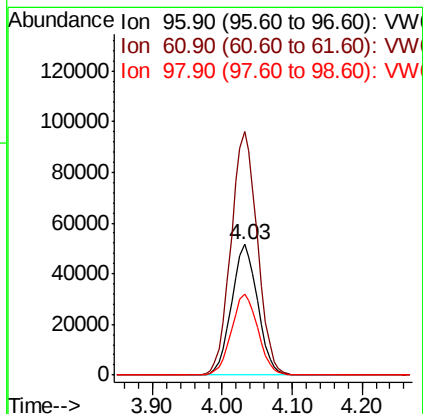
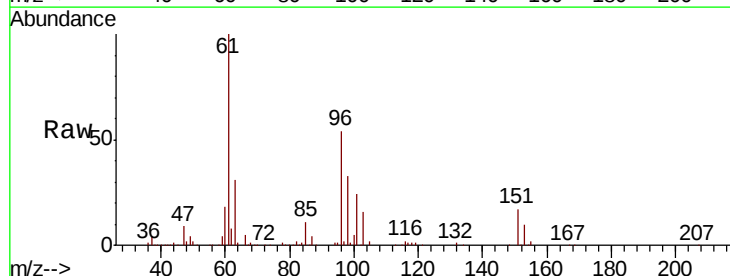
Tot Ion: 59 Resp: 60573
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

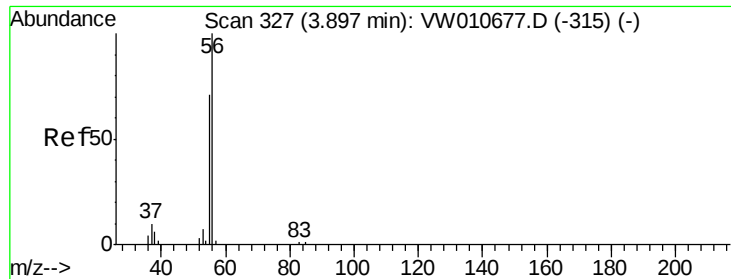


#12

1,1-Dichloroethene
Concen: 54.644 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 96 Resp: 133351
Ion Ratio Lower Upper
96 100
61 186.3 149.1 223.7
98 61.9 51.1 76.7





#13

Acrolein

Concen: 248.130 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

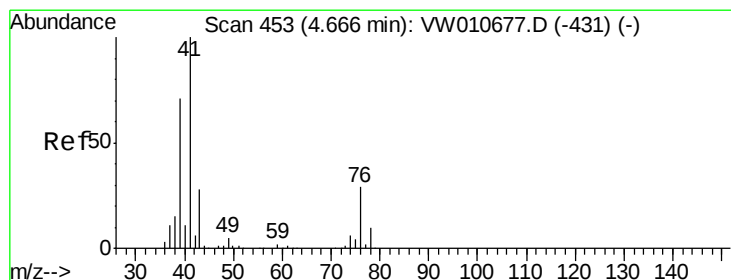
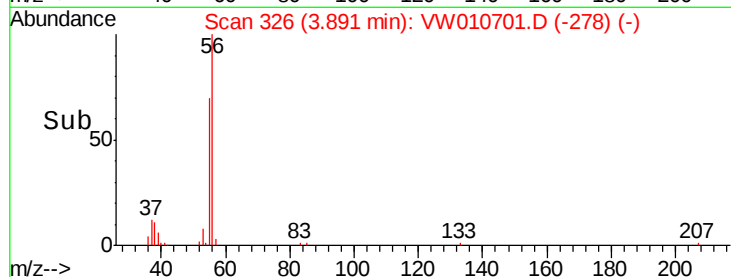
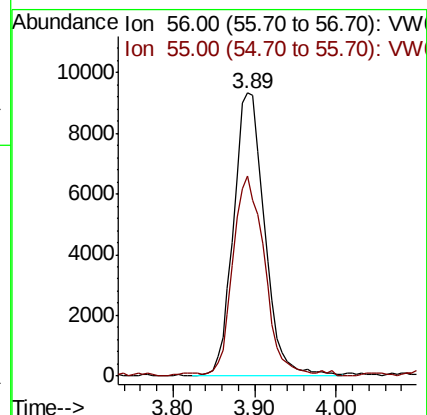
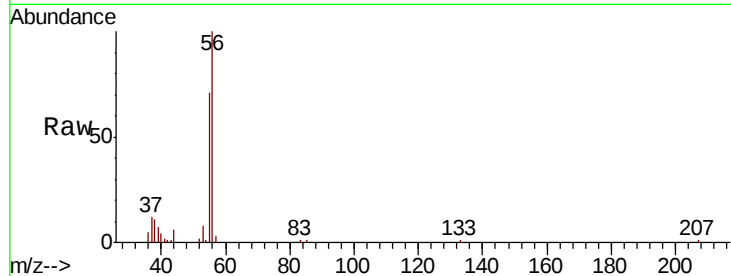
VSTDCCC050

Tot Ion: 56 Resp: 24569

Ion Ratio Lower Upper

56 100

55 69.6 57.6 86.4



#14

Allyl chloride

Concen: 55.726 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

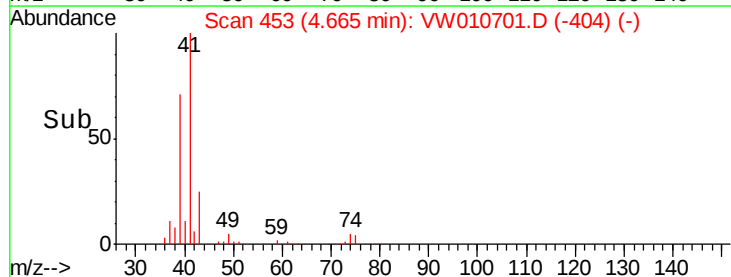
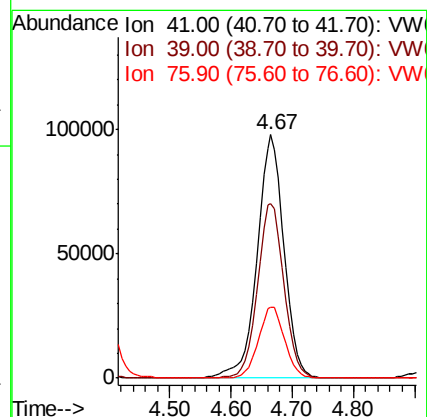
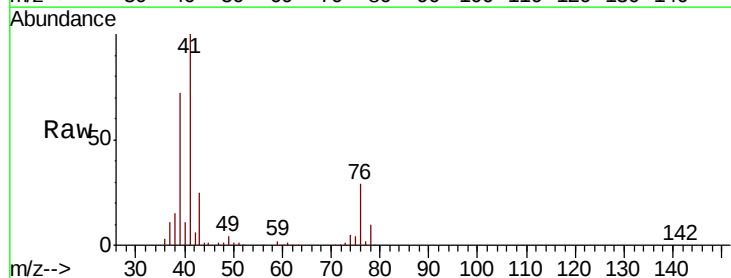
Tgt Ion: 41 Resp: 299852

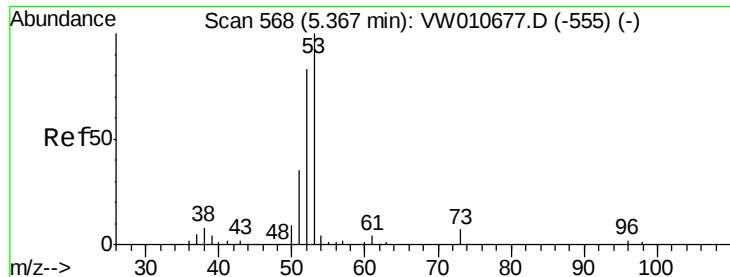
Ion Ratio Lower Upper

41 100

39 70.6 55.8 83.6

76 28.6 22.7 34.1





#15

Acrylonitrile

Concen: 234.791 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

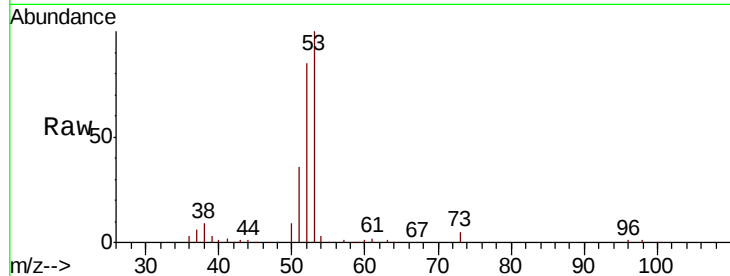
Tot Ion: 53 Resp: 167731

Ion Ratio Lower Upper

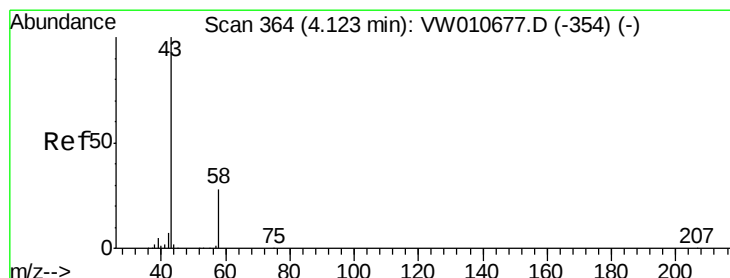
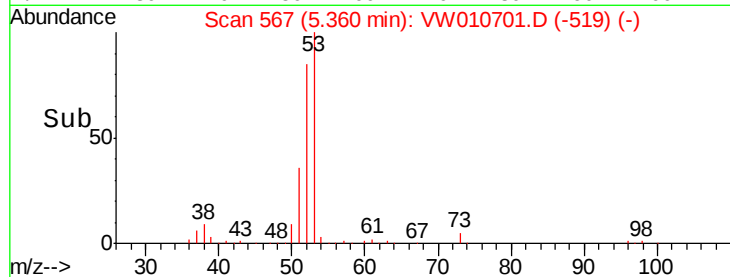
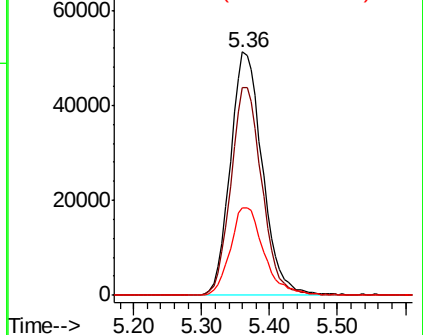
53 100

52 82.7 66.6 100.0

51 37.8 29.8 44.8



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: 273.649 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010701.D

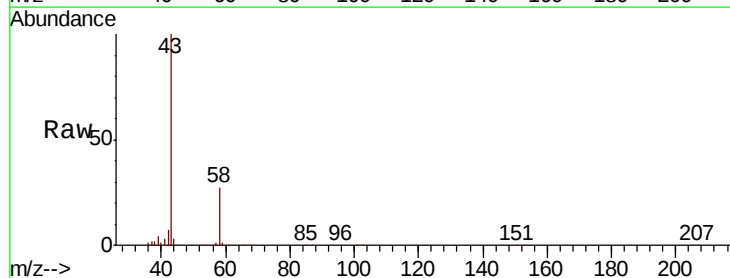
Acq: 06 Jun 2019 10:55

Tgt Ion: 43 Resp: 218089

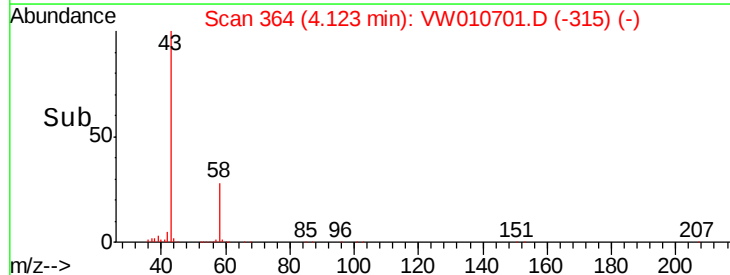
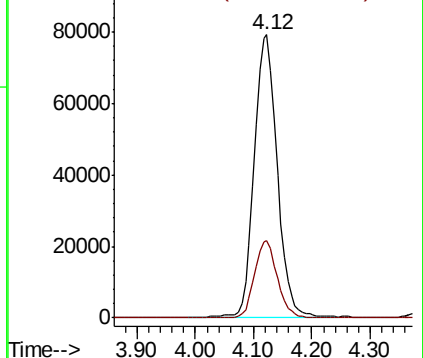
Ion Ratio Lower Upper

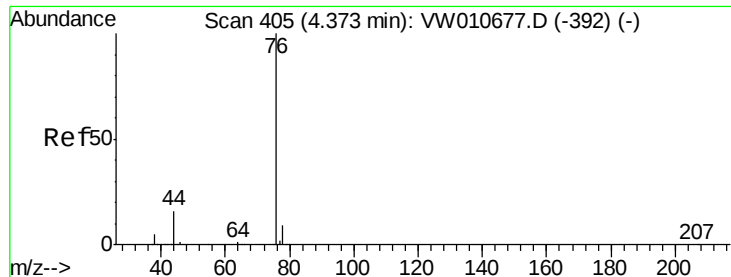
43 100

58 27.4 22.1 33.1



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

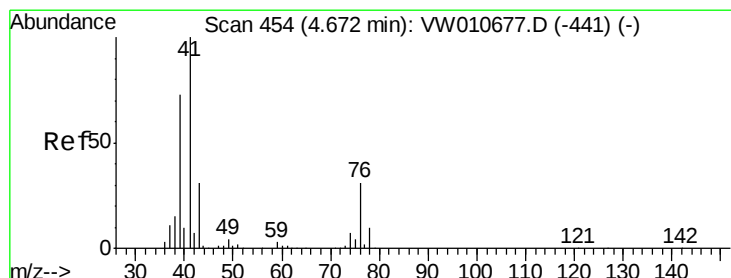
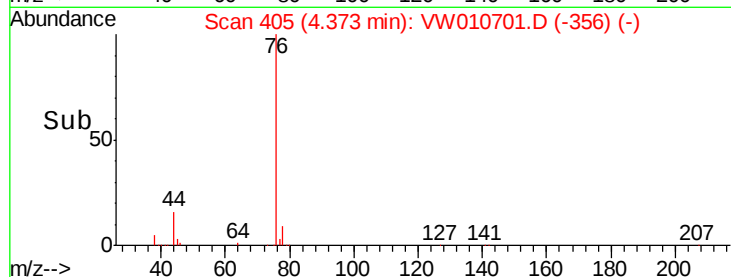
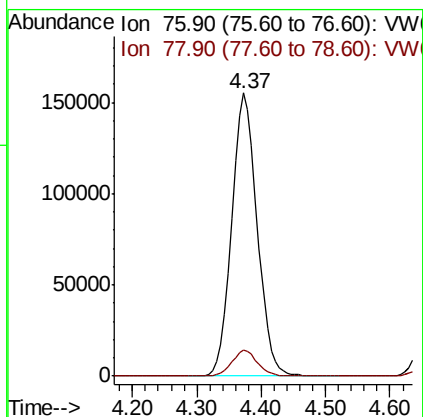
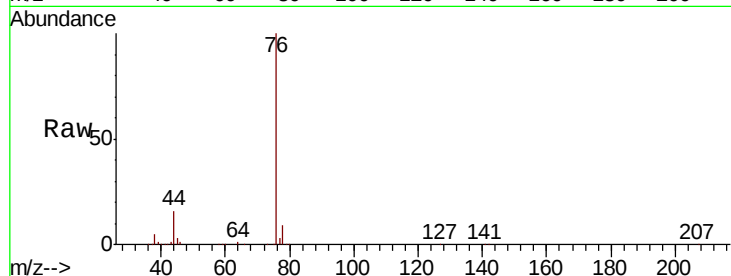




#17
Carbon Disulfide
Concen: 55.271 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

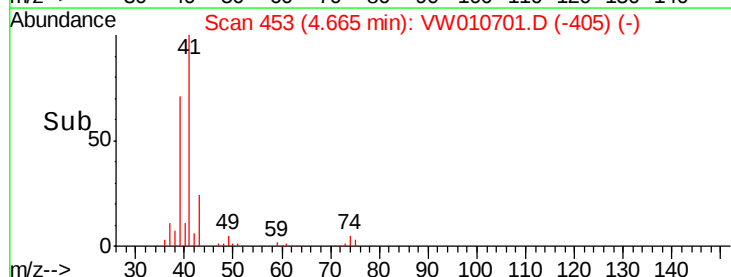
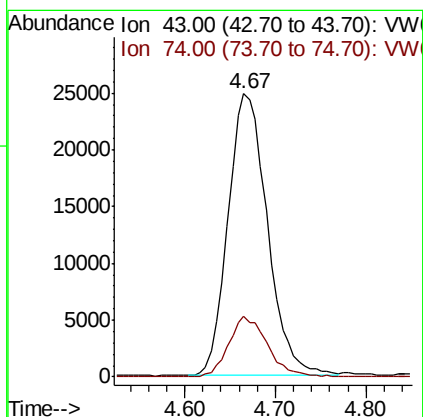
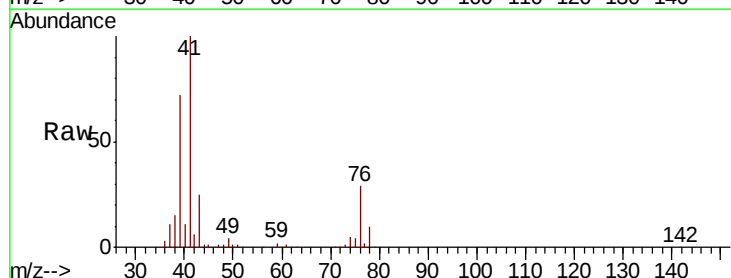
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

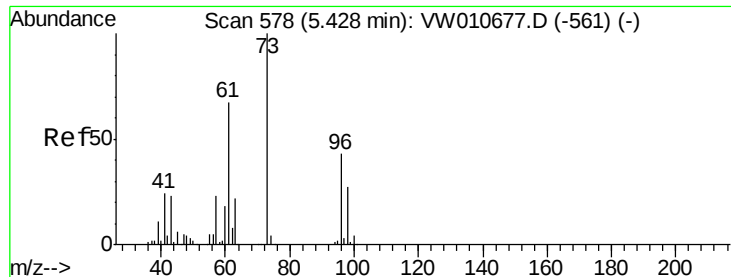
Tot Ion: 76 Resp: 428174
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 43.788 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 43 Resp: 75120
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1

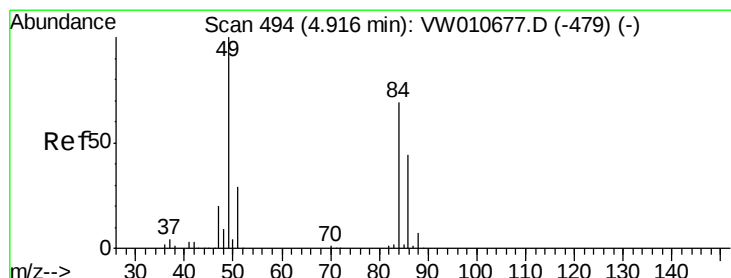
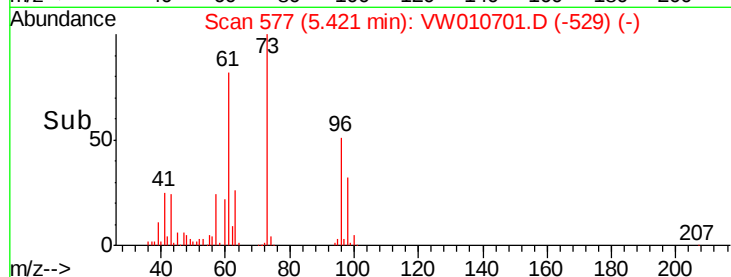
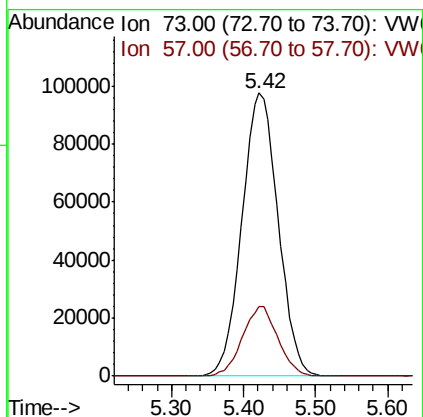
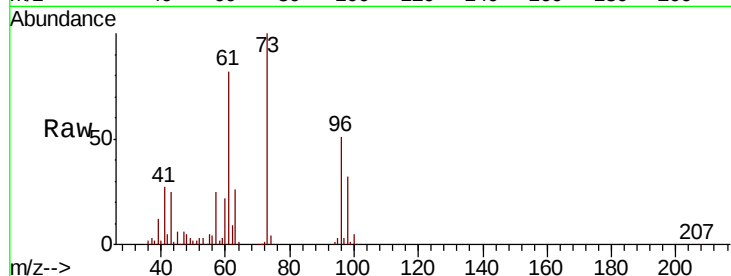




#19
Methvl tert-butvl Ether
Concen: 48.421 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

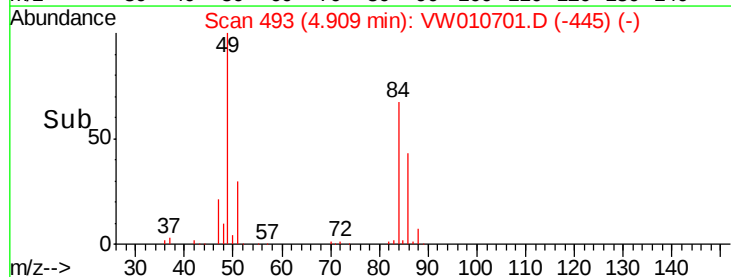
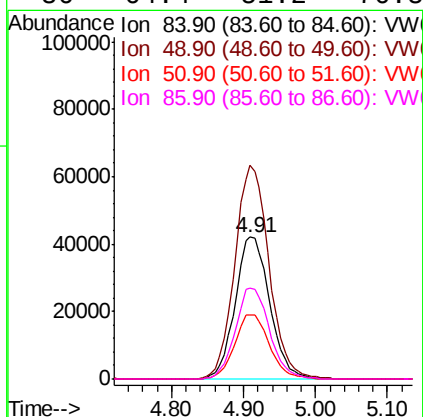
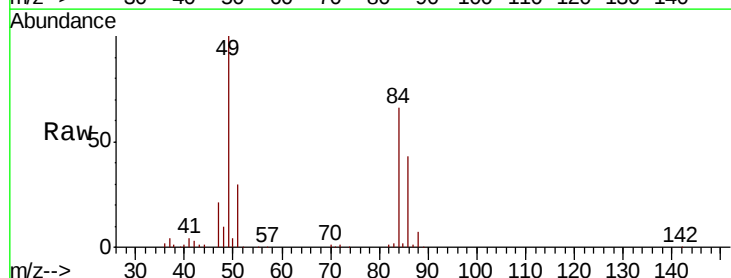
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

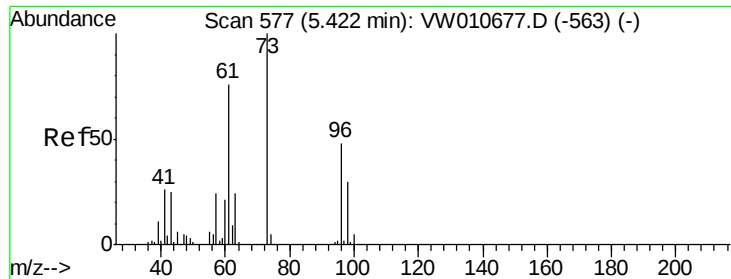
Tot Ion: 73 Resp: 340805
Ion Ratio Lower Upper
73 100
57 24.7 18.6 27.8



#20
Methylene Chloride
Concen: 50.192 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 84 Resp: 140329
Ion Ratio Lower Upper
84 100
49 150.7 116.7 175.1
51 45.0 34.2 51.2
86 64.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 54.352 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

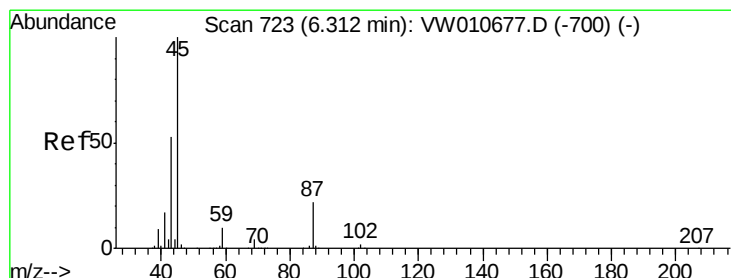
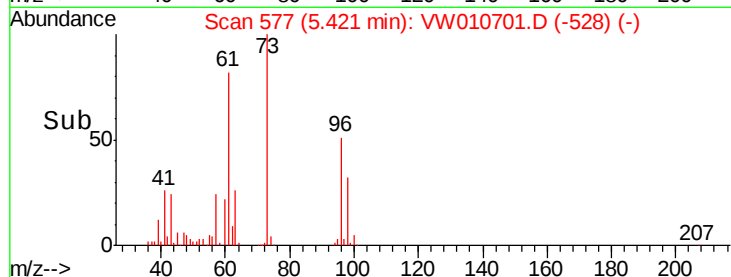
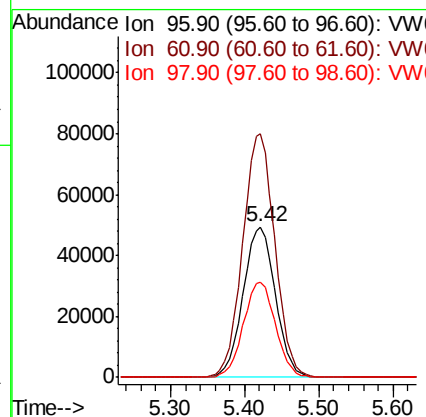
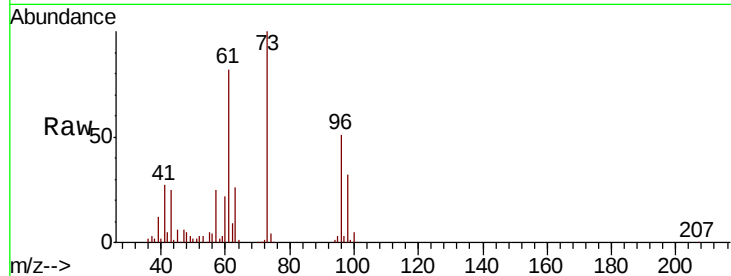
Tot Ion: 96 Resp: 150571

Ion Ratio Lower Upper

96 100

61 162.1 126.0 189.0

98 63.0 49.6 74.4



#22

Diisopropyl ether

Concen: 52.686 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Tgt Ion: 45 Resp: 567564

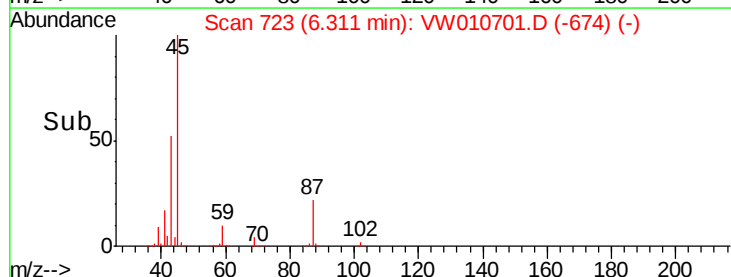
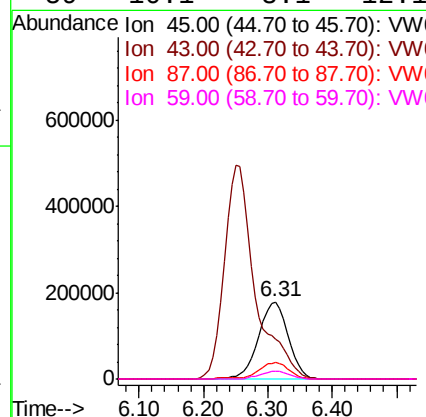
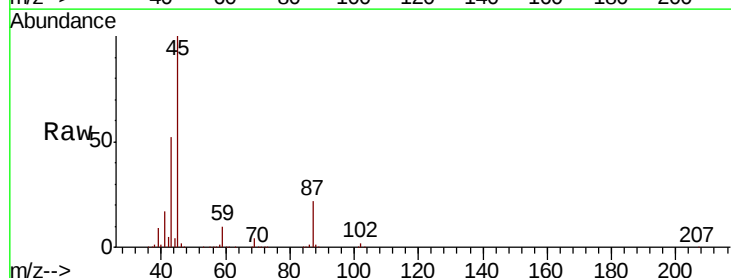
Ion Ratio Lower Upper

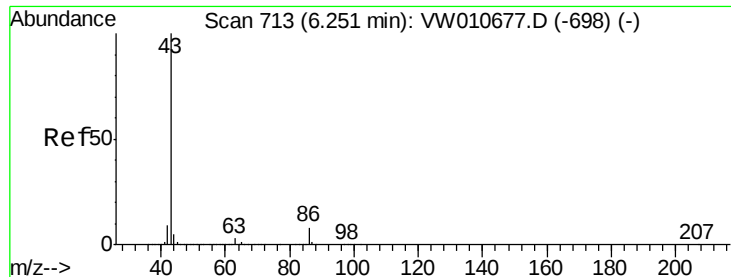
45 100

43 51.9 42.5 63.7

87 21.6 17.4 26.2

59 10.1 8.1 12.1





#23

Vinyl Acetate

Concen: 256.159 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampled :

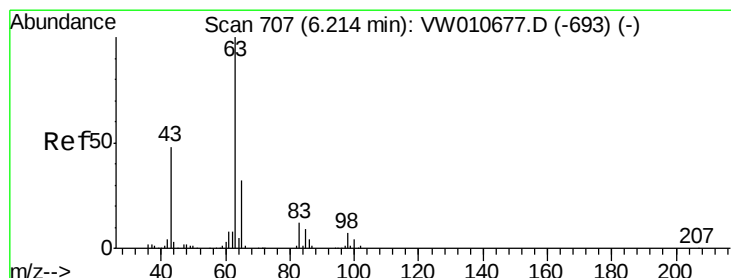
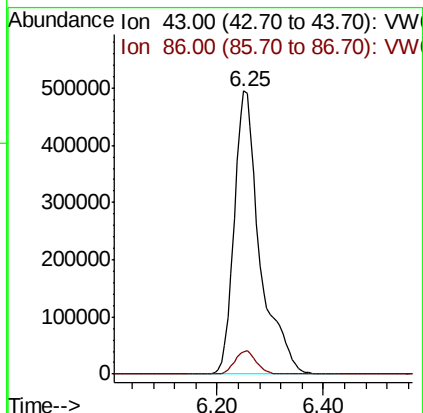
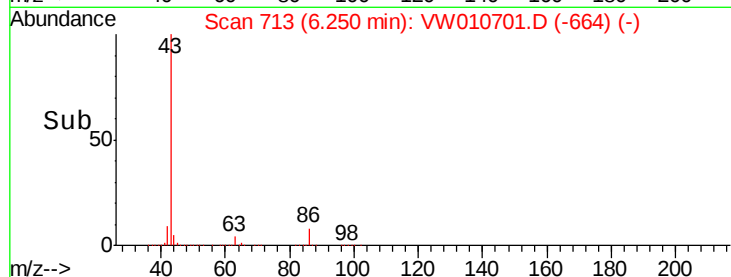
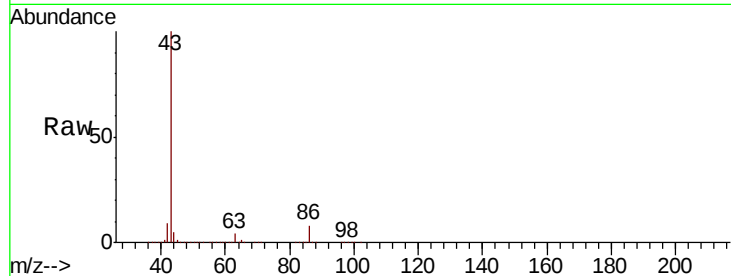
VSTDCCC050

Tot Ion: 43 Resp: 1665339

Ion Ratio Lower Upper

43 100

86 8.0 6.6 10.0



#24

1,1-Dichloroethane

Concen: 53.948 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

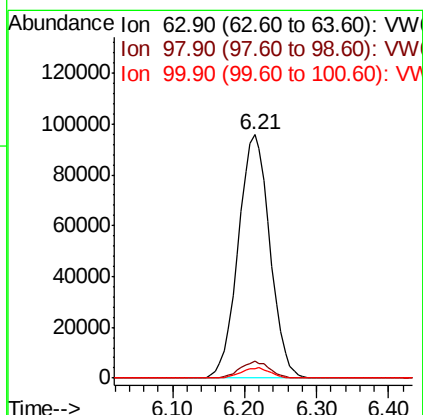
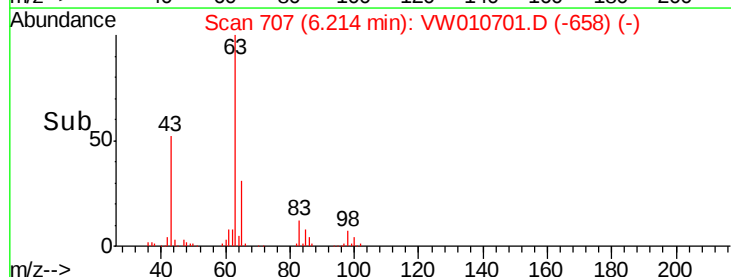
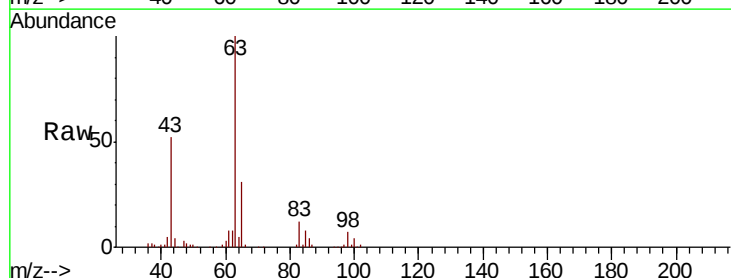
Tgt Ion: 63 Resp: 291243

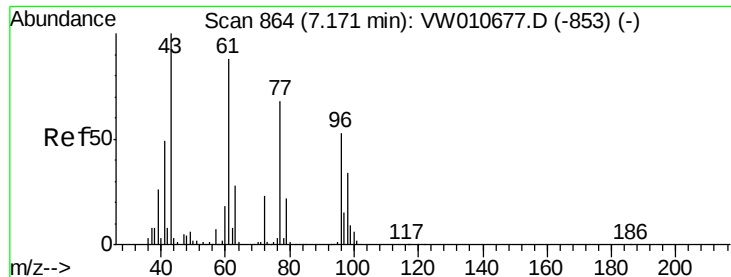
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 247.229 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

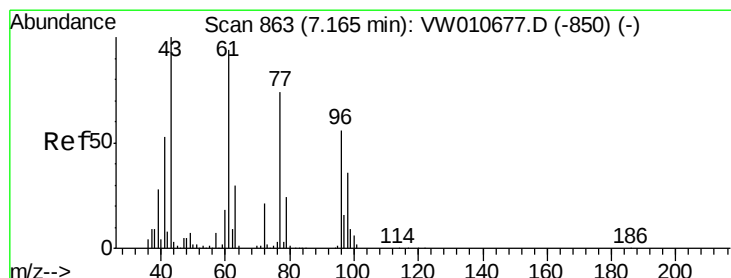
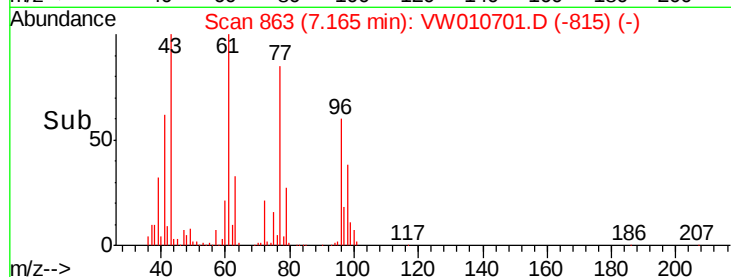
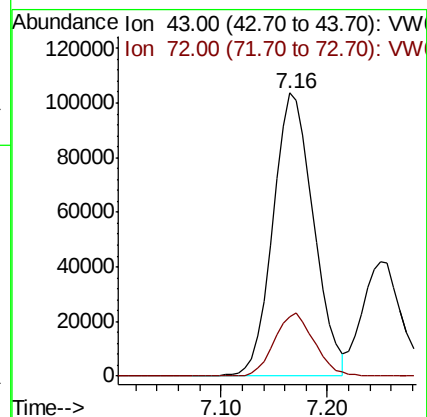
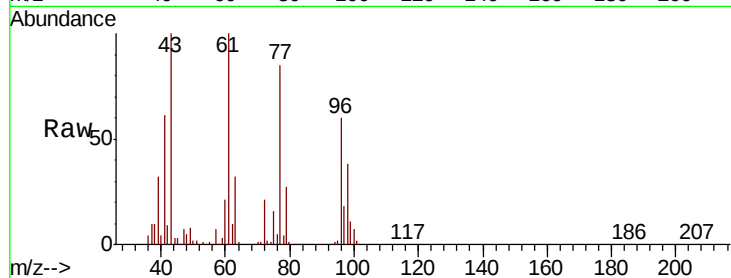
VSTDCCC050

Tot Ion: 43 Resp: 273213

Ion Ratio Lower Upper

43 100

72 21.2 18.1 27.1



#26

2,2-Dichloropropane

Concen: 59.337 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010701.D

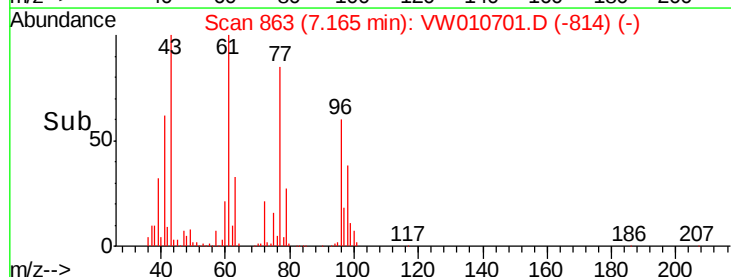
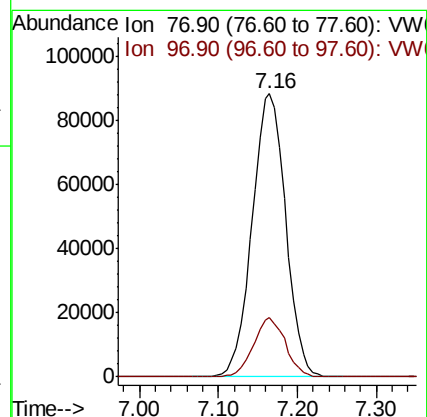
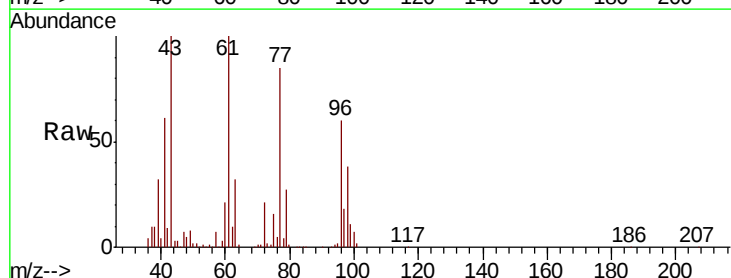
Acq: 06 Jun 2019 10:55

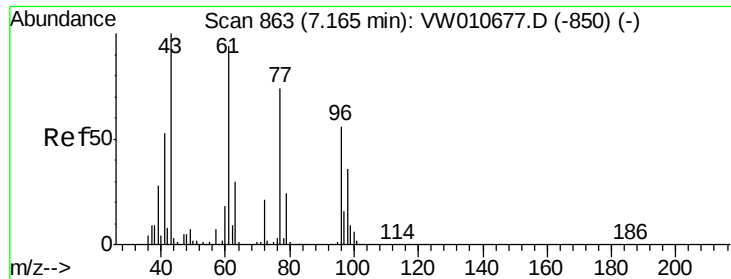
Tgt Ion: 77 Resp: 260668

Ion Ratio Lower Upper

77 100

97 19.8 10.5 31.6



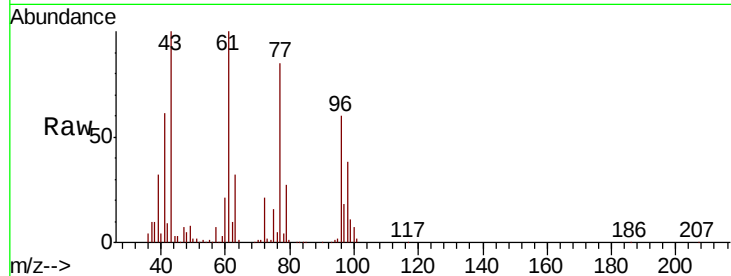


#27

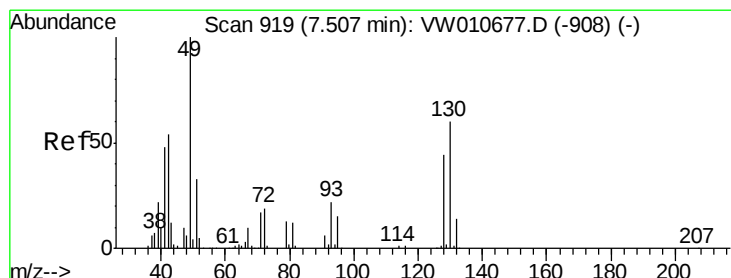
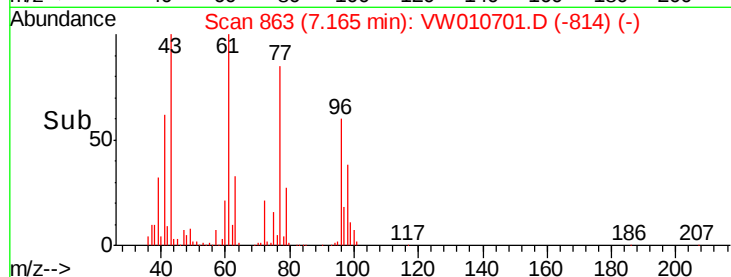
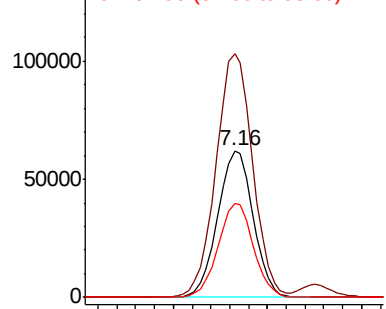
cis-1,2-Dichloroethene
Concen: 53.573 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 163332
Ion Ratio Lower Upper
96 100
61 172.1 0.0 336.4
98 63.6 0.0 128.0



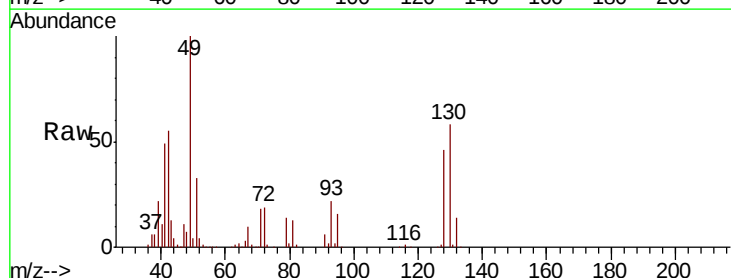
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



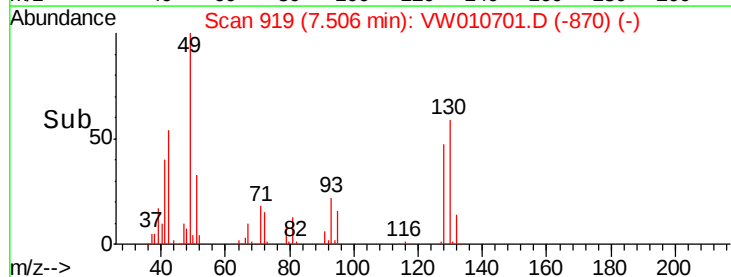
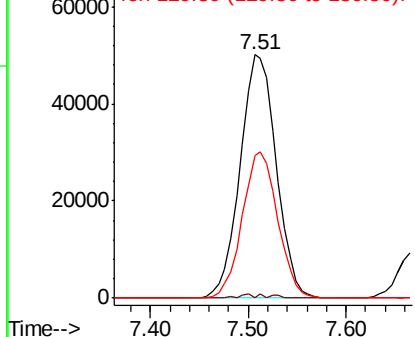
#28

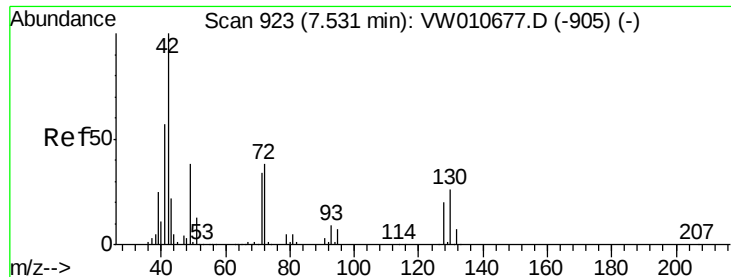
Bromochloromethane
Concen: 53.173 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 49 Resp: 128108
Ion Ratio Lower Upper
49 100
129 0.5 0.0 3.2
130 58.7 48.3 72.5



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

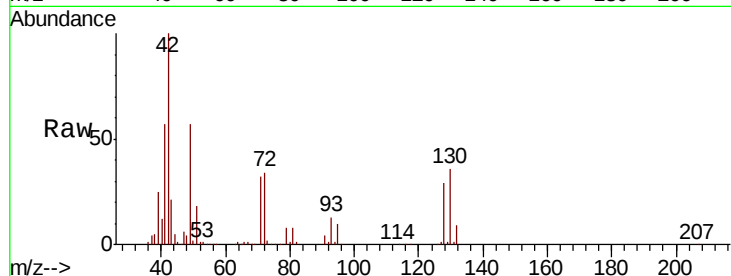




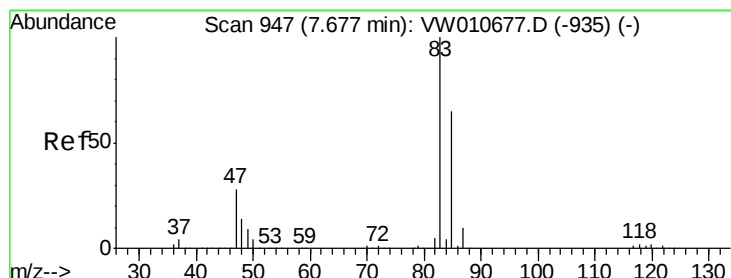
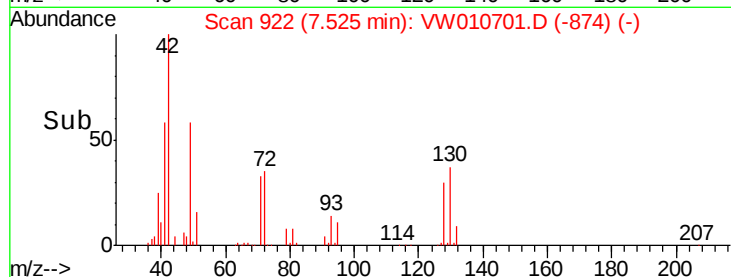
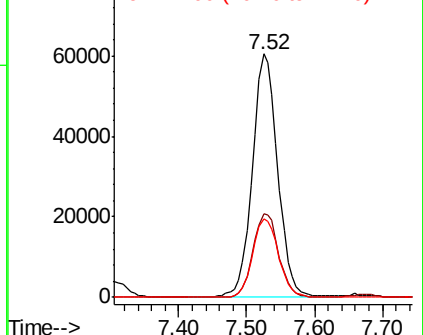
#29
Tetrahydrofuran
Concen: 226.806 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 157653
Ion Ratio Lower Upper
42 100
72 34.9 28.7 43.1
71 32.8 26.6 39.8

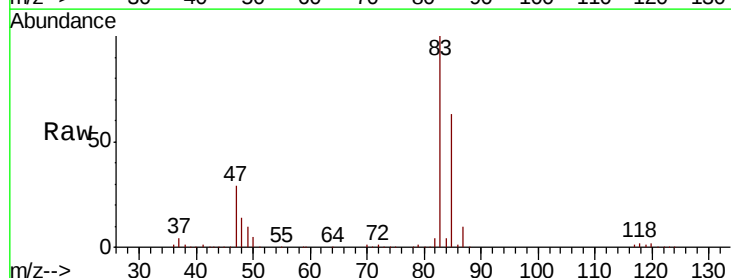


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

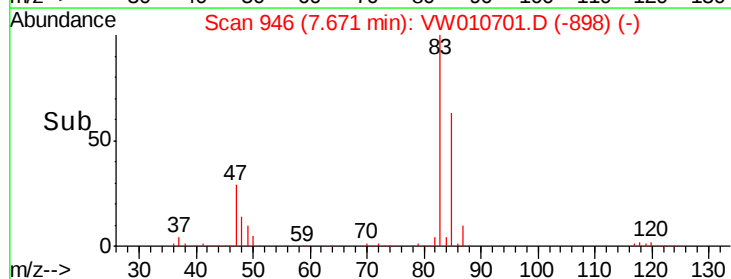
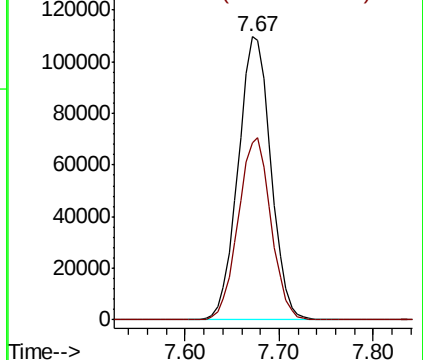


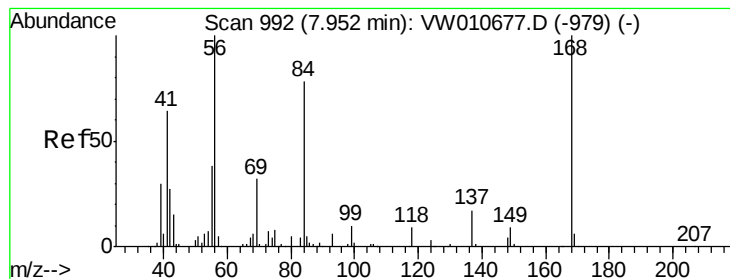
#30
Chloroform
Concen: 53.892 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 83 Resp: 266114
Ion Ratio Lower Upper
83 100
85 62.7 51.8 77.8



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





#31

Cyclohexane

Concen: 52.036 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

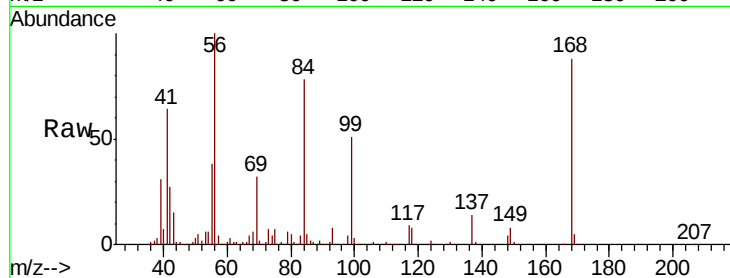
Tot Ion: 56 Resp: 312280

Ion Ratio Lower Upper

56 100

69 31.9 25.2 37.8

84 76.2 62.2 93.2

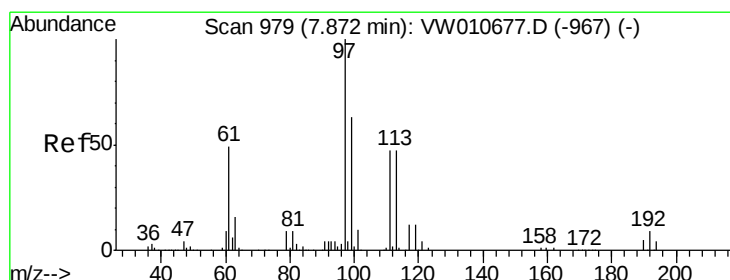
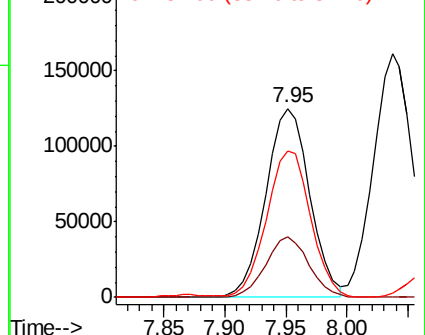
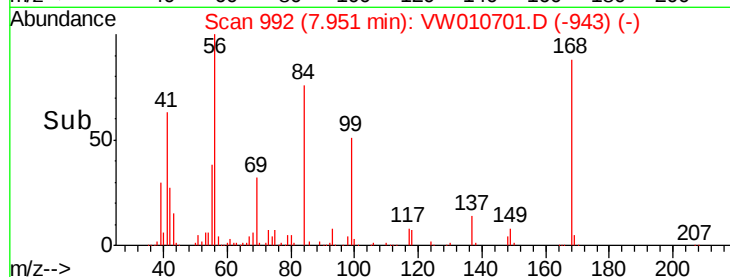


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 55.330 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

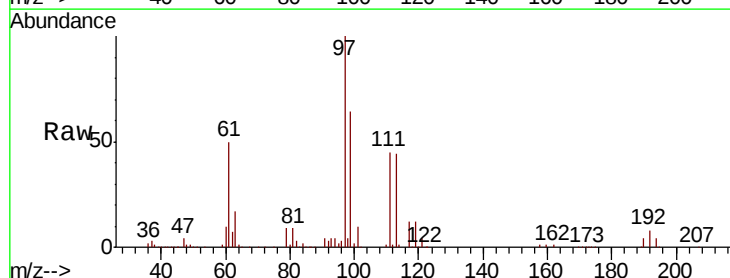
Tgt Ion: 97 Resp: 238665

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 50.6 40.4 60.6

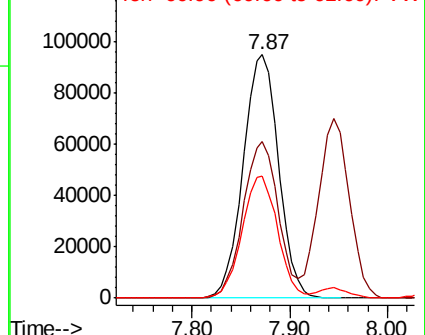
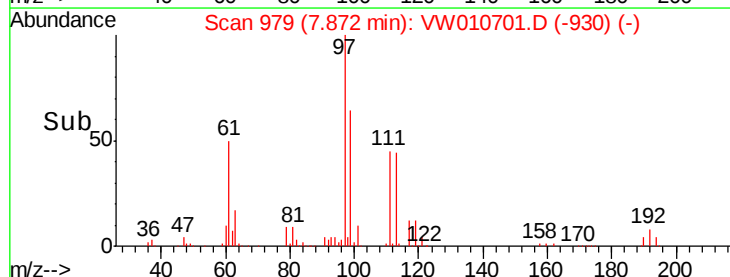


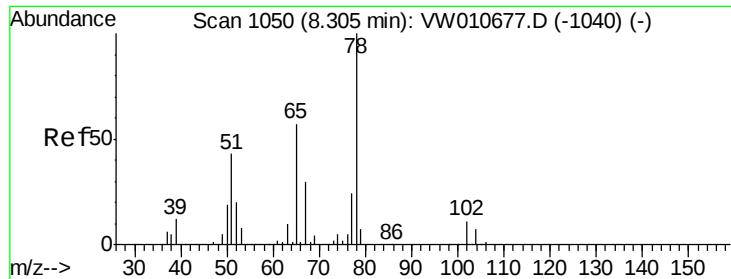
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 50.844 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

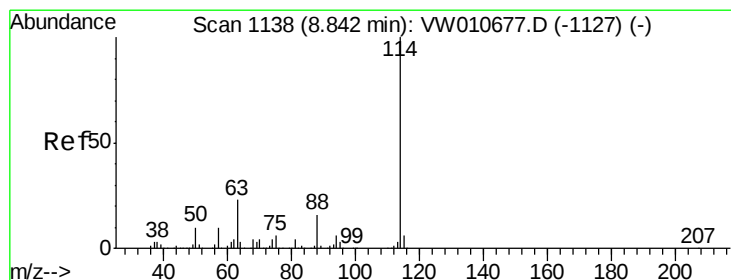
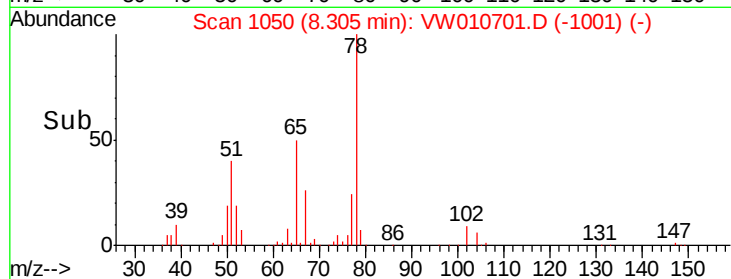
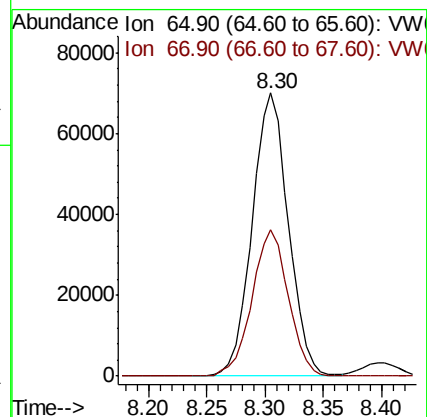
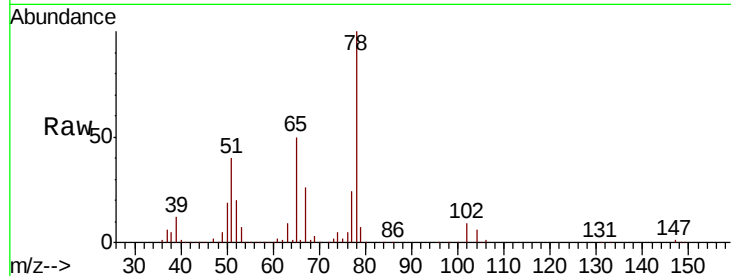
VSTDCCC050

Tot Ion: 65 Resp: 151228

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

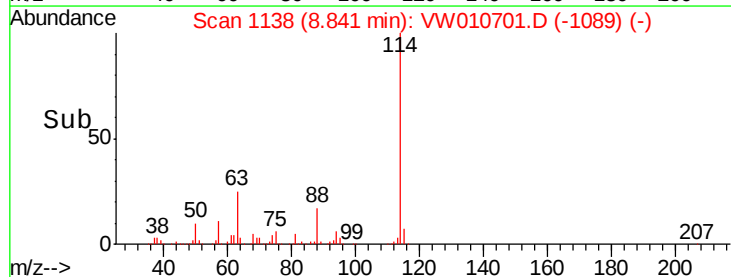
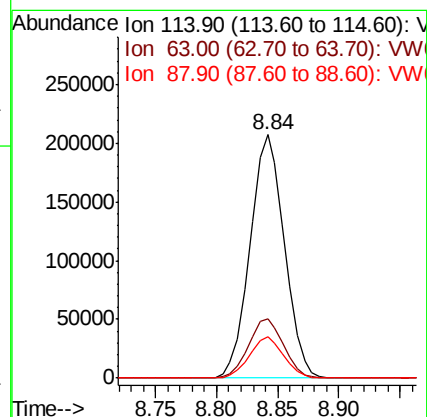
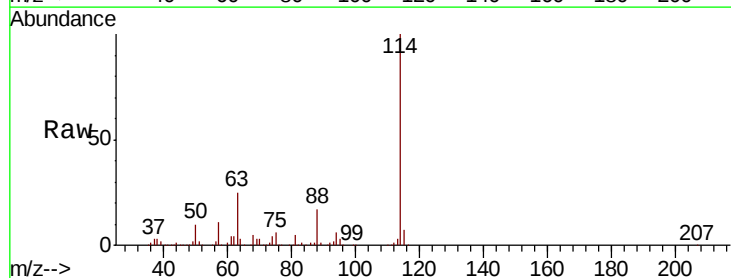
Tgt Ion: 114 Resp: 404987

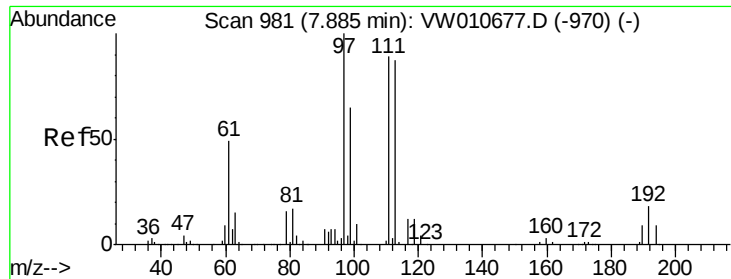
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.4

88 17.1 0.0 32.2

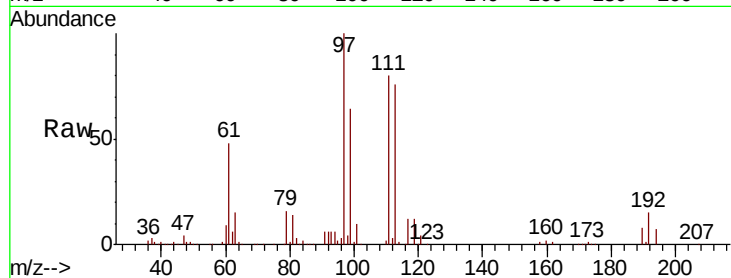




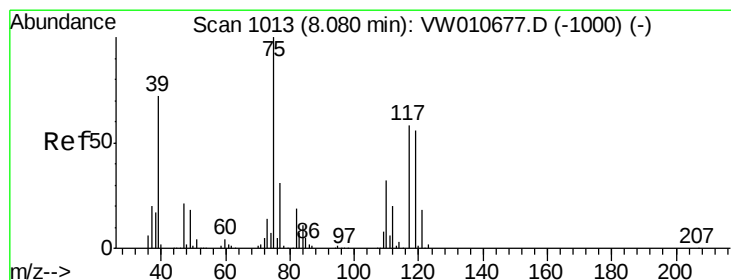
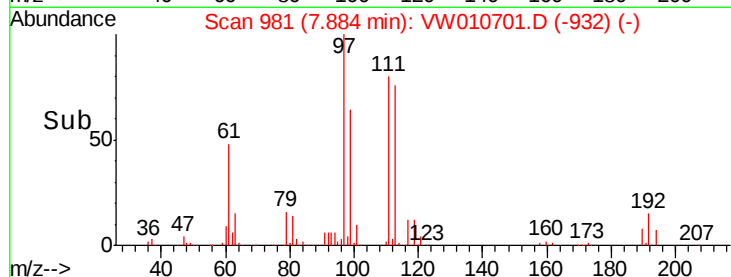
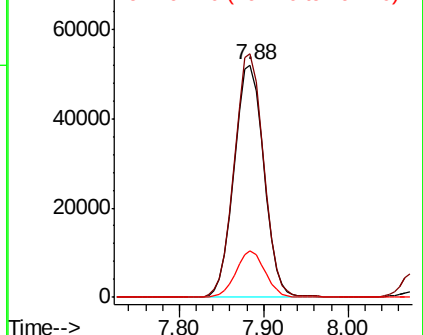
#35
Dibromofluoromethane
Concen: 56.428 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 124040
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.4 16.4 24.6

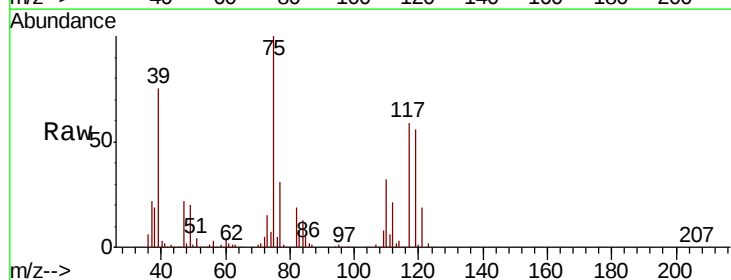


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

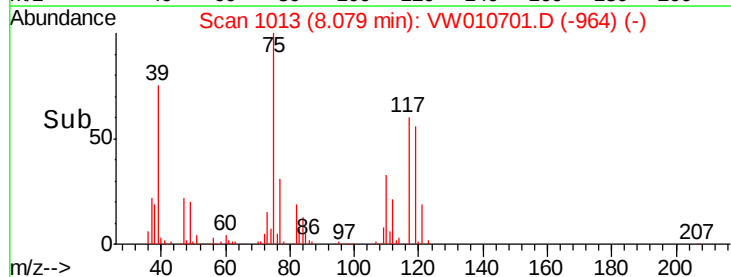
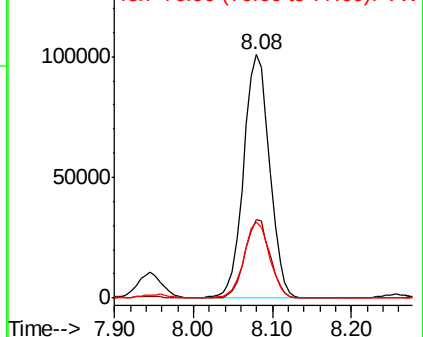


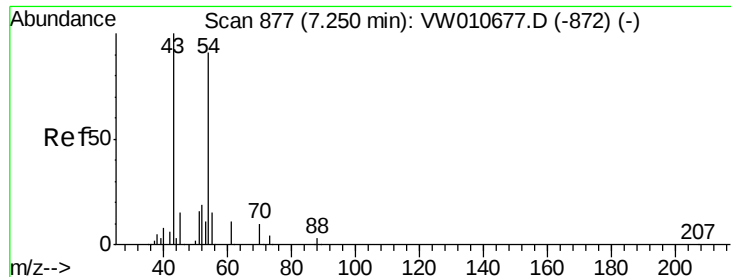
#36
1,1-Dichloropropene
Concen: 55.594 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 75 Resp: 230467
Ion Ratio Lower Upper
75 100
110 31.6 15.8 47.3
77 31.2 24.7 37.1



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

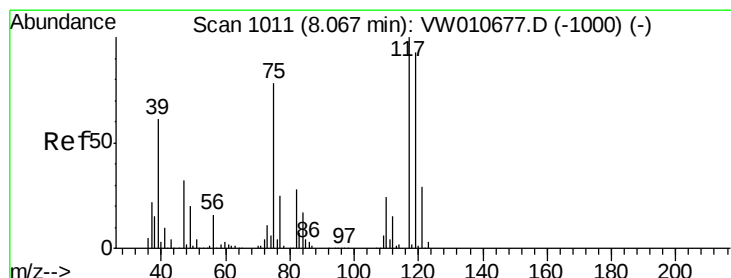
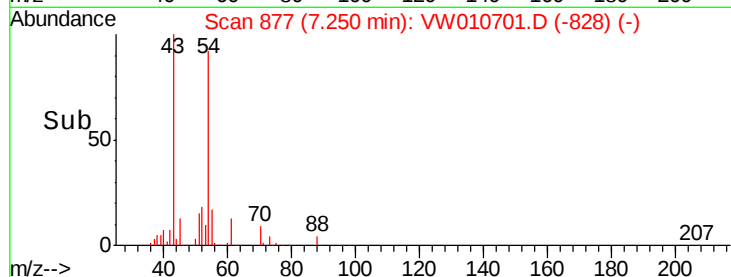
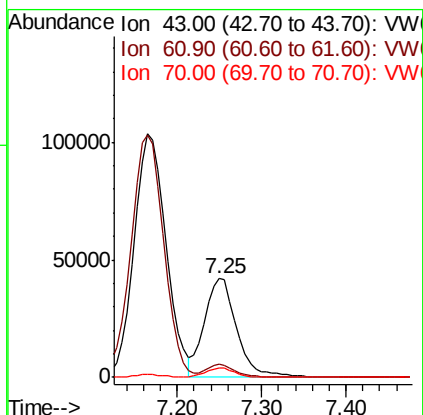
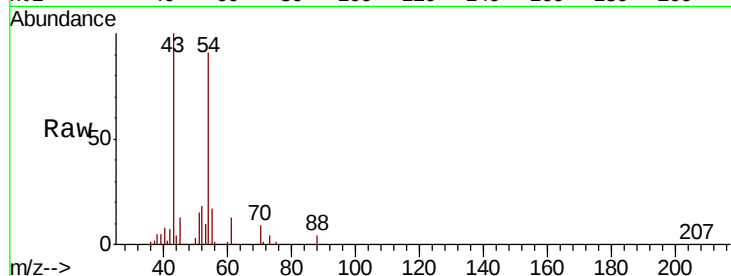




#37
Ethyl Acetate
Concen: 48.106 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

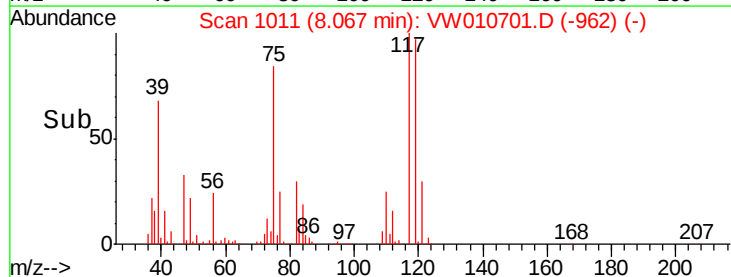
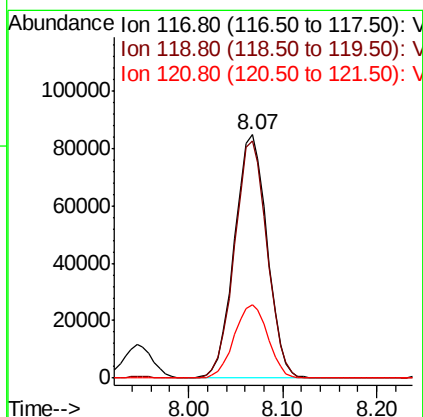
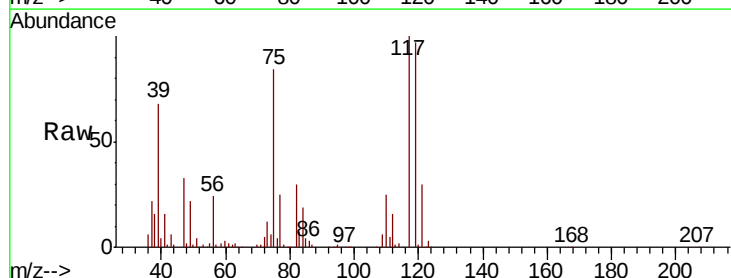
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

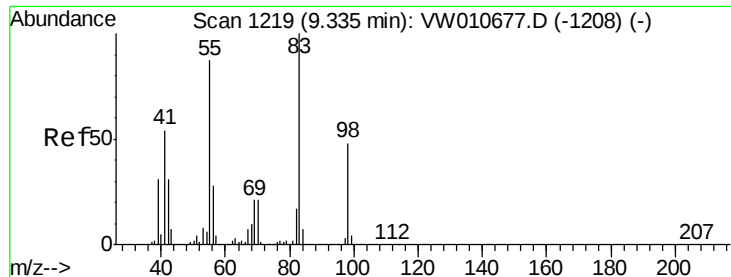
Tot Ion: 43 Resp: 110509
Ion Ratio Lower Upper
43 100
61 11.2 9.7 14.5
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 57.065 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 117 Resp: 204213
Ion Ratio Lower Upper
117 100
119 97.2 74.2 111.4
121 30.1 22.9 34.3

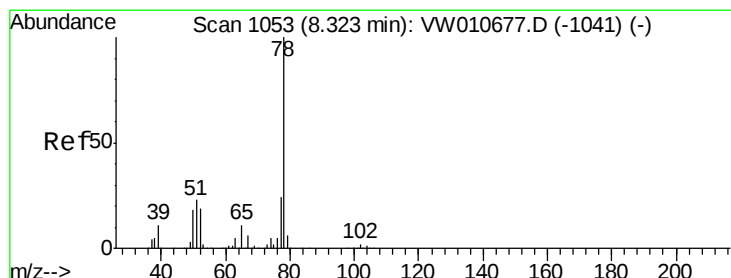
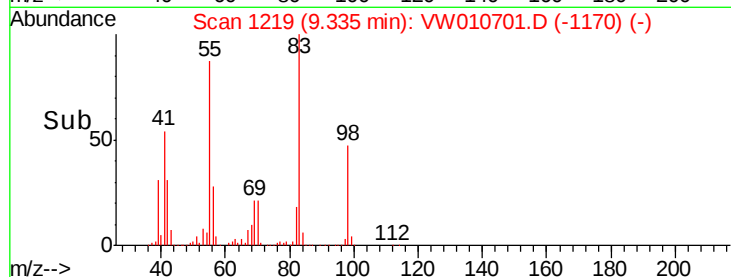
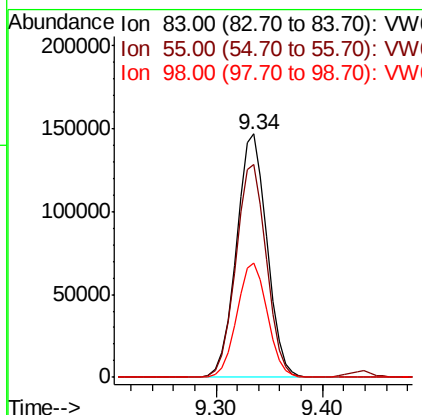
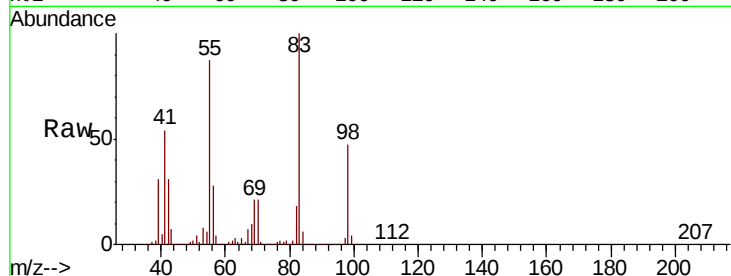




#39
Methvlcvclohexane
Concen: 56.005 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

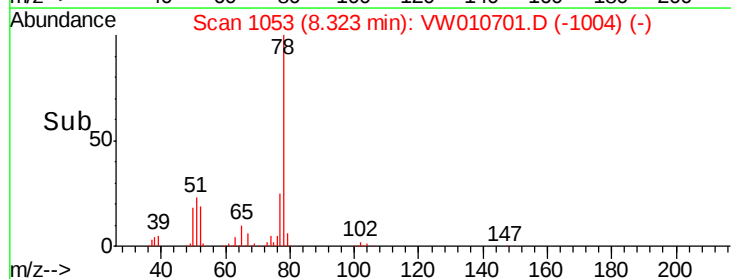
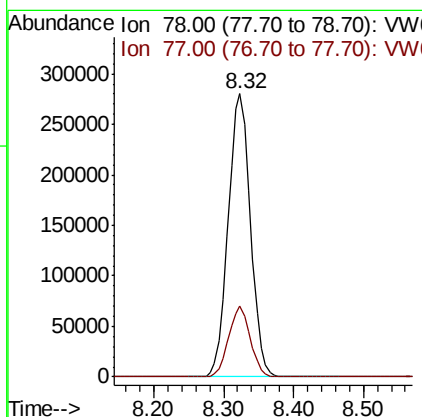
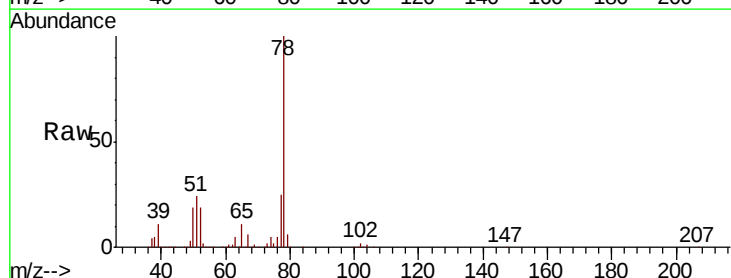
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

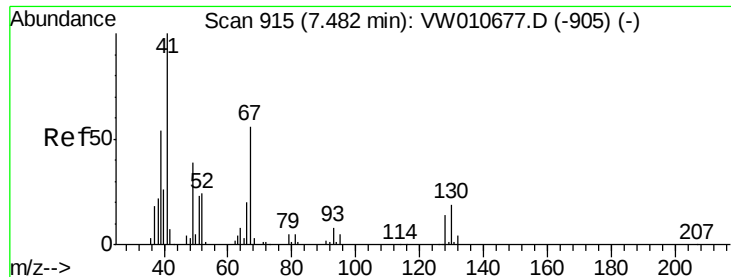
Tot Ion: 83 Resp: 295141
Ion Ratio Lower Upper
83 100
55 87.3 70.0 105.0
98 46.8 38.1 57.1



#40
Benzene
Concen: 54.615 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 78 Resp: 617648
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7

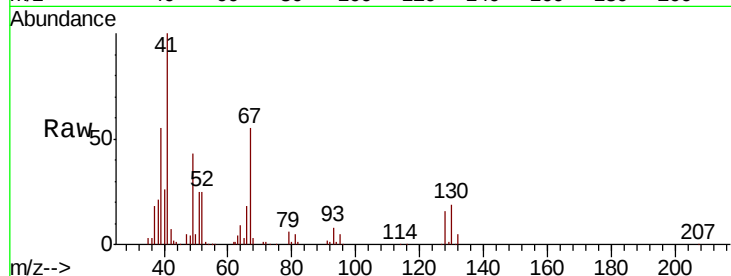




#41
Methacrylonitrile
Concen: 48.698 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	66495
Ion	Ratio	Lower	Upper
41	100		
39	61.3	47.3	70.9
67	58.2	47.2	70.8
52	26.9	21.3	31.9



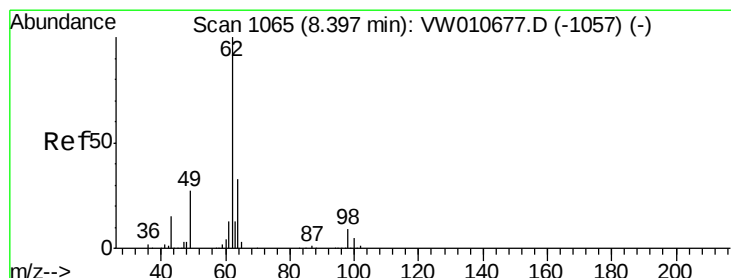
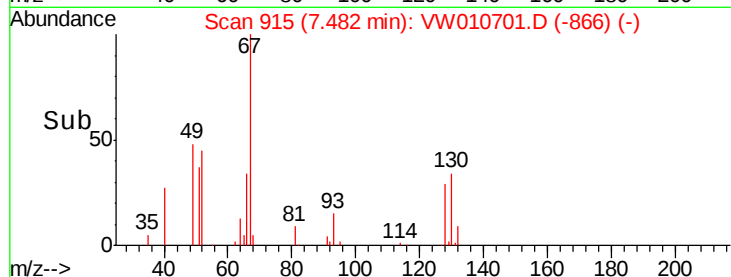
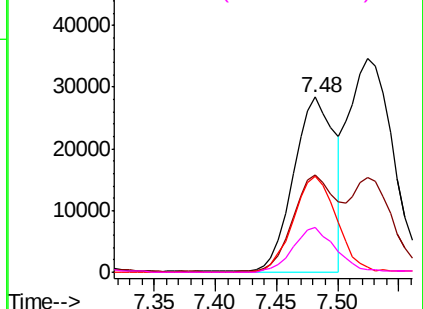
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

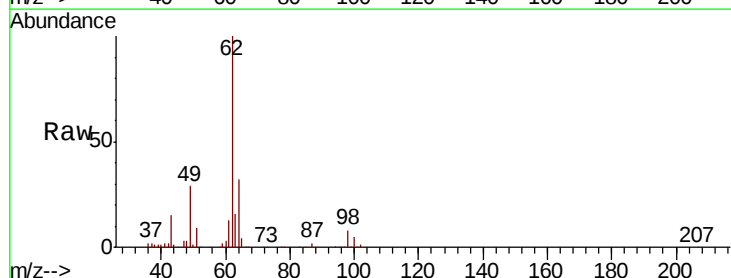
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 52.676 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

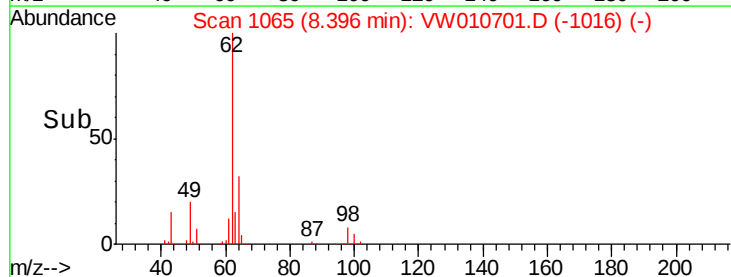
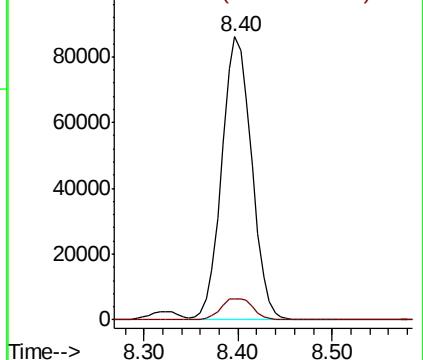
Tgt Ion:	62	Resp:	189071
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2

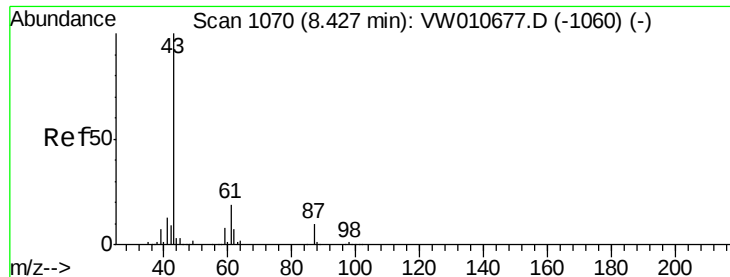


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 47.719 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

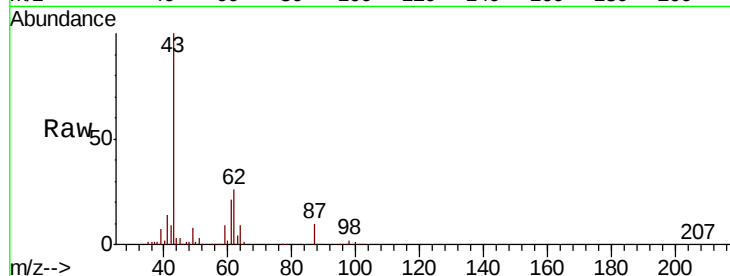
Tot Ion: 43 Resp: 211779

Ion Ratio Lower Upper

43 100

61 26.7 21.2 31.8

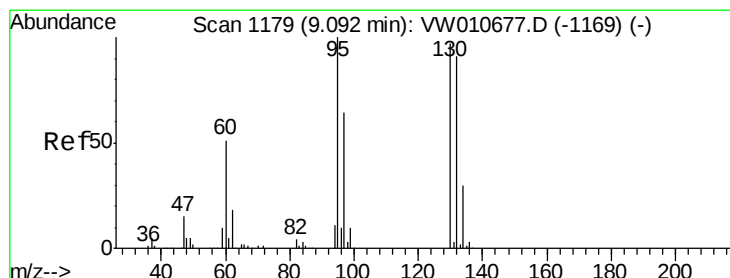
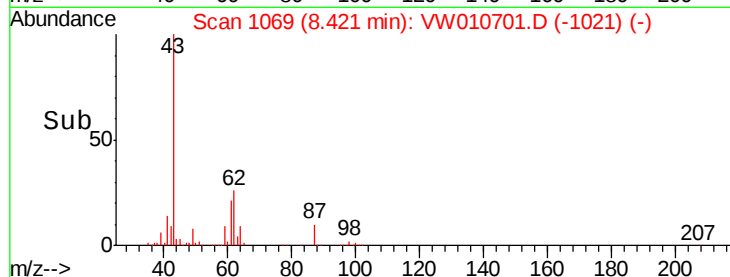
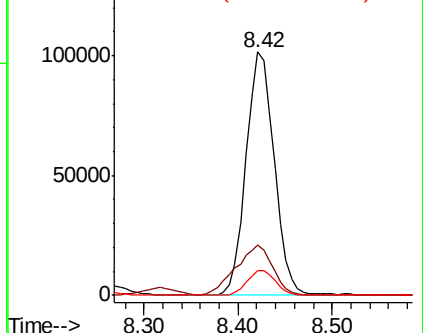
87 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 54.786 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010701.D

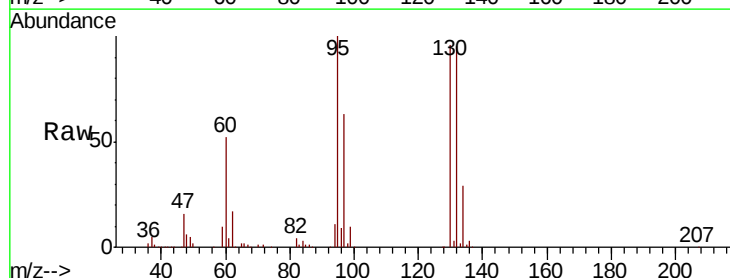
Acq: 06 Jun 2019 10:55

Tgt Ion: 130 Resp: 152836

Ion Ratio Lower Upper

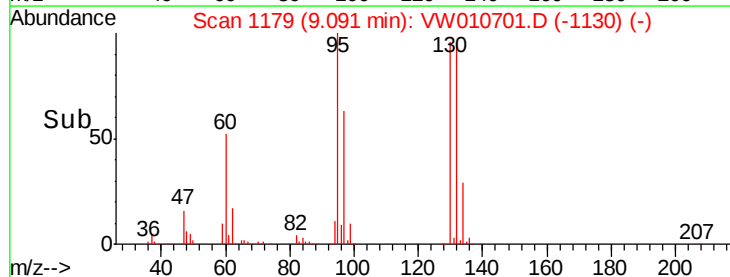
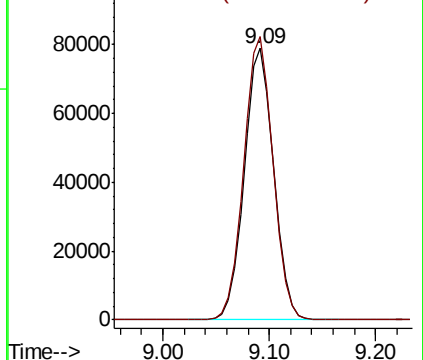
130 100

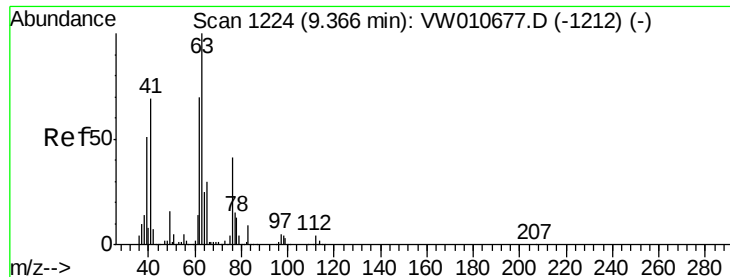
95 104.3 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 53.763 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

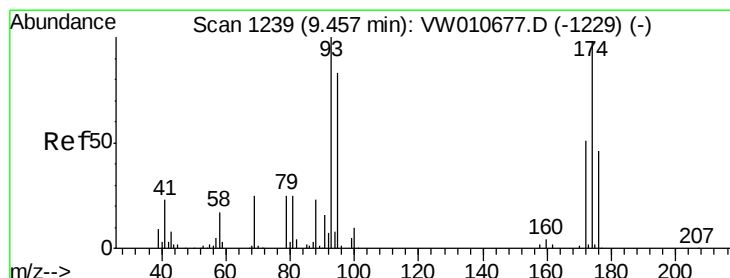
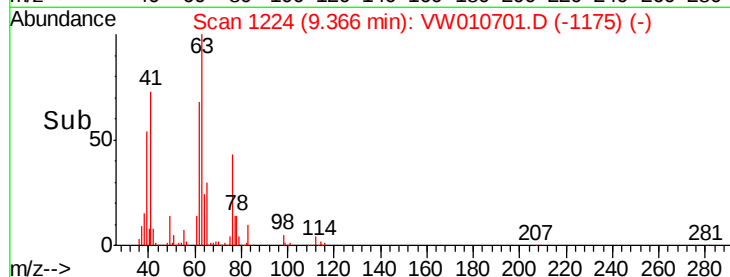
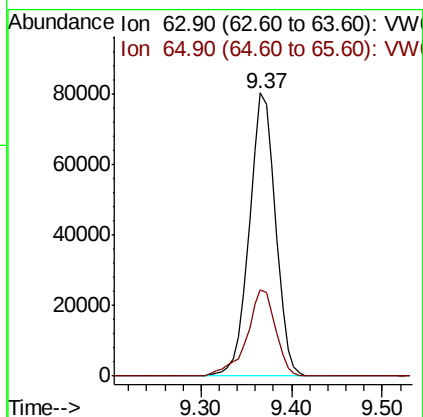
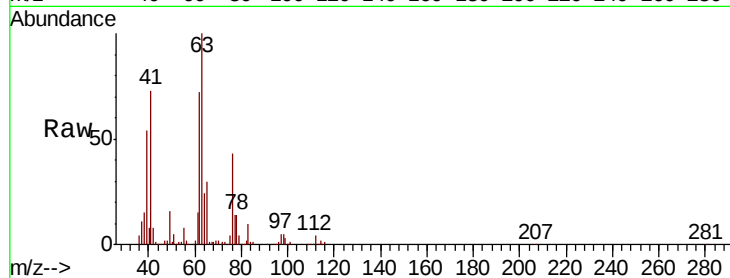
VSTDCCC050

Tot Ion: 63 Resp: 160949

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 51.318 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

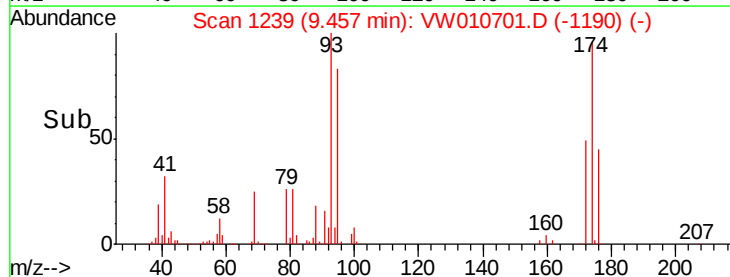
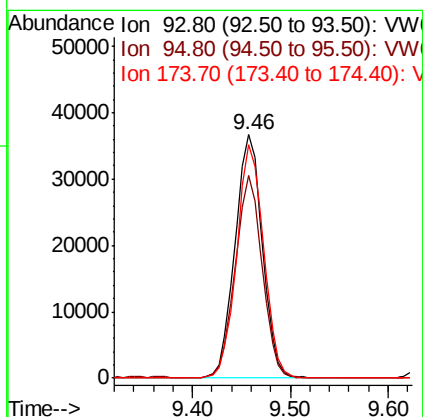
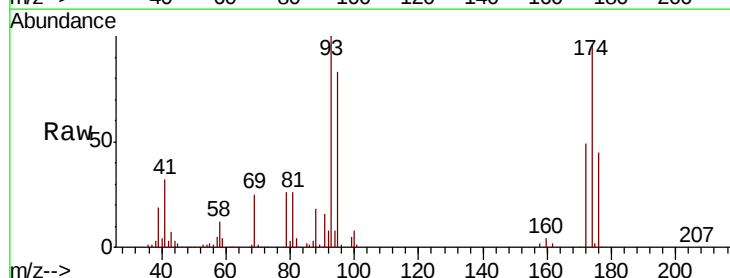
Tgt Ion: 93 Resp: 71357

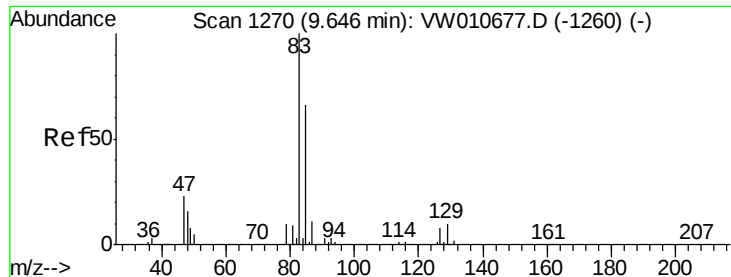
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

174 94.2 77.4 116.0

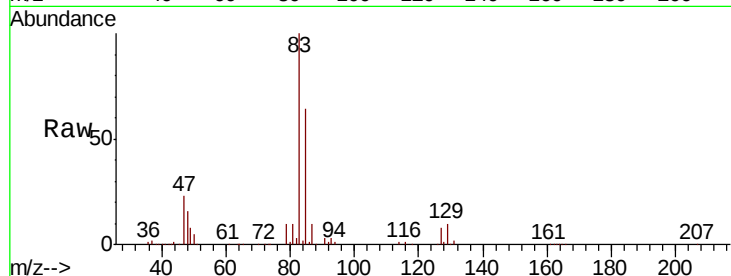




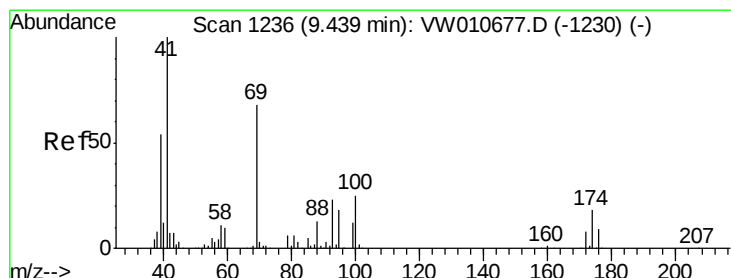
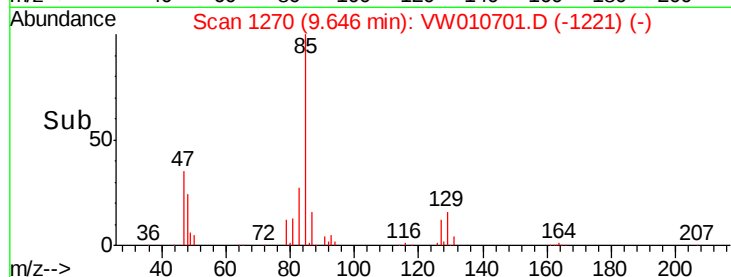
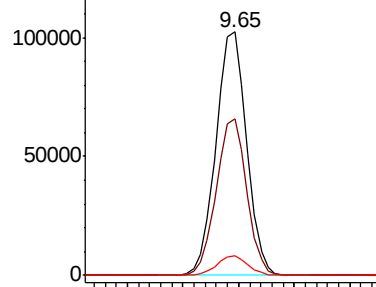
#47
Bromodichloromethane
Concen: 54.486 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 196388
Ion Ratio Lower Upper
83 100
85 64.1 53.0 79.4
127 7.9 6.4 9.6

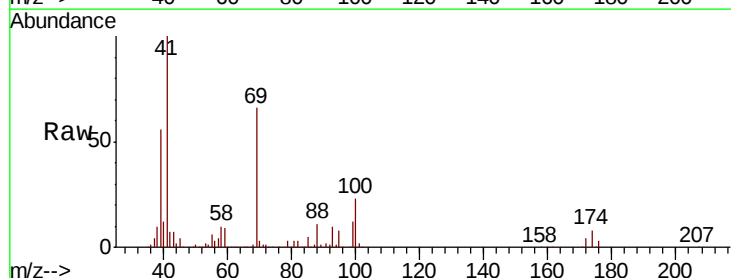


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

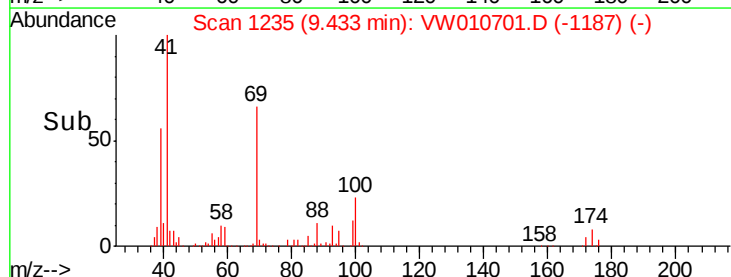
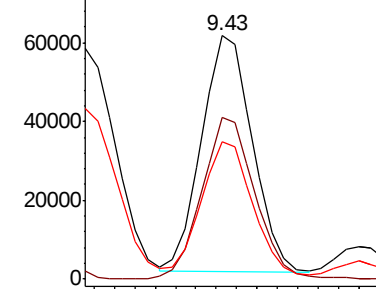


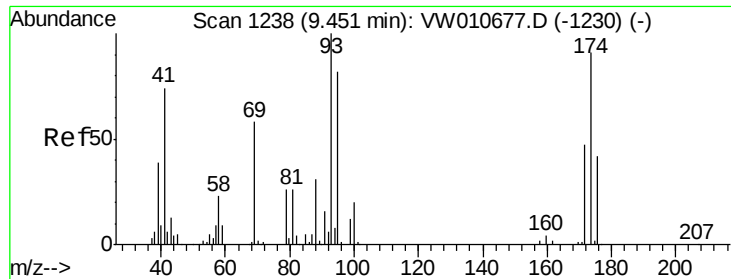
#48
Methyl methacrylate
Concen: 48.325 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 41 Resp: 103404
Ion Ratio Lower Upper
41 100
69 71.4 56.6 85.0
39 56.7 44.4 66.6



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





#49

1,4-Dioxane

Concen: 980.236 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

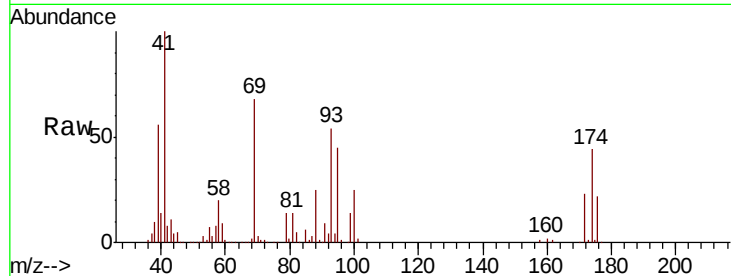
Tot Ion: 88 Resp: 21310

Ion Ratio Lower Upper

88 100

43 44.6 34.2 51.4

58 81.8 69.0 103.4

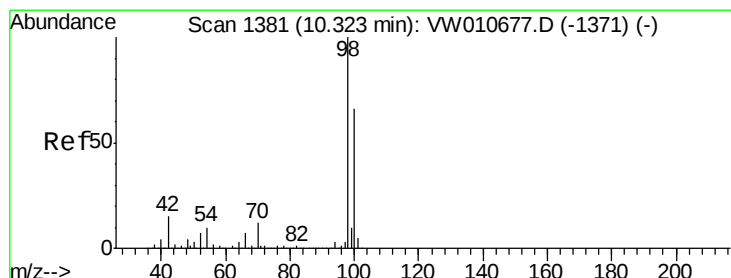
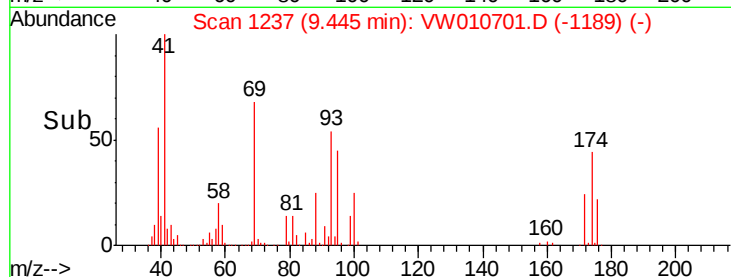
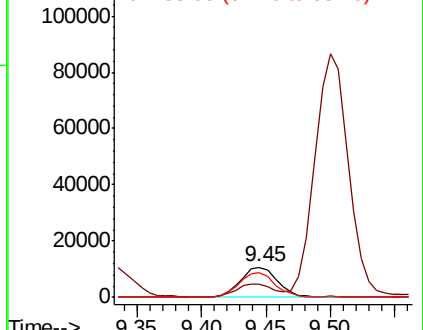


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.055 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010701.D

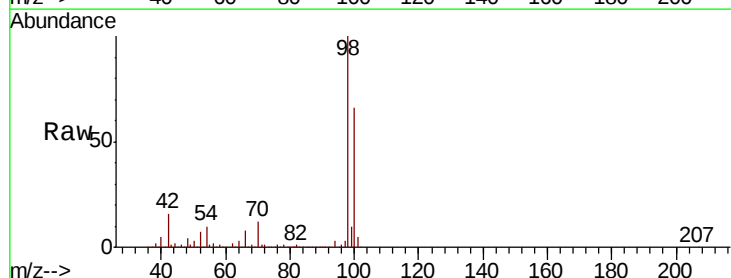
Acq: 06 Jun 2019 10:55

Tgt Ion: 98 Resp: 521049

Ion Ratio Lower Upper

98 100

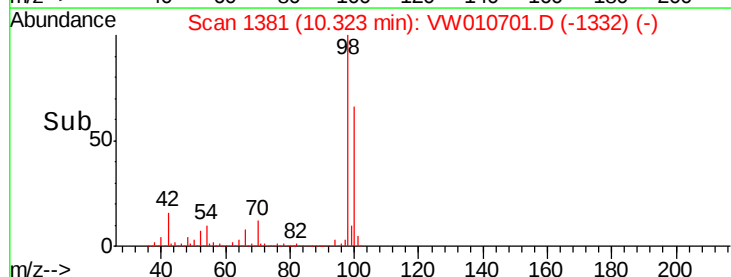
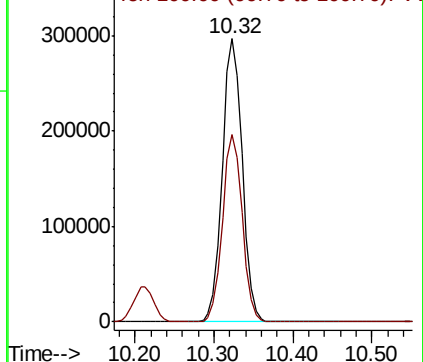
100 65.5 53.0 79.6

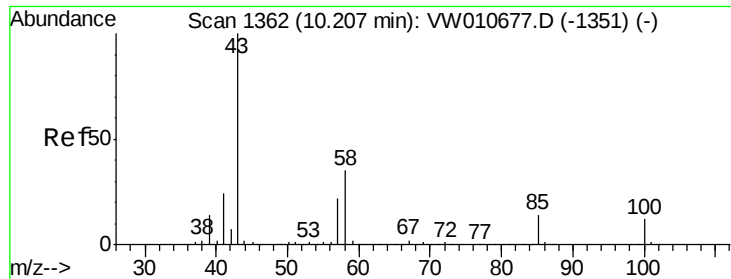


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 237.824 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

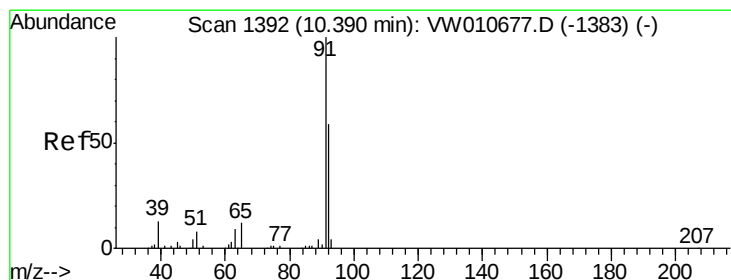
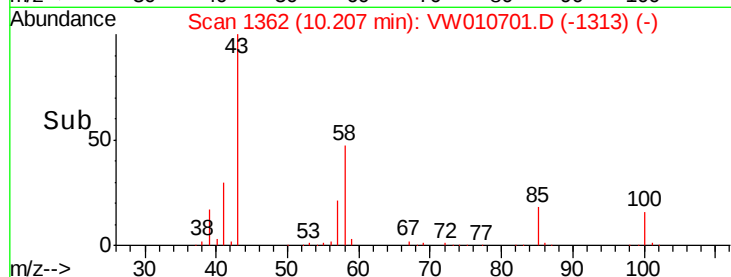
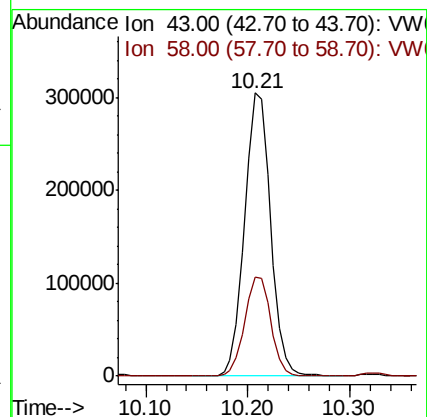
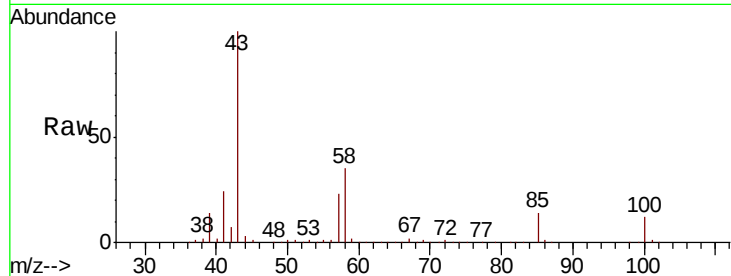
VSTDCCC050

Tot Ion: 43 Resp: 539211

Ion Ratio Lower Upper

43 100

58 35.3 28.4 42.6



#52

Toluene

Concen: 54.746 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010701.D

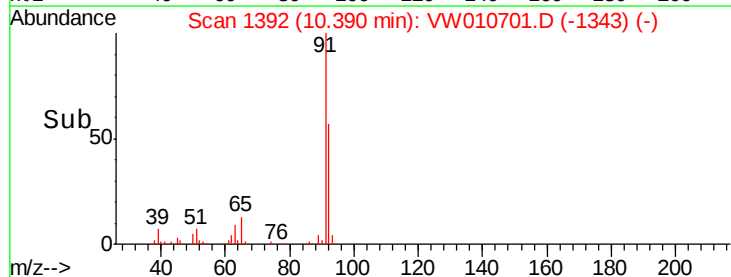
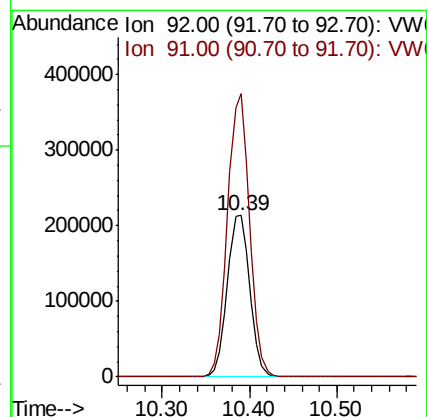
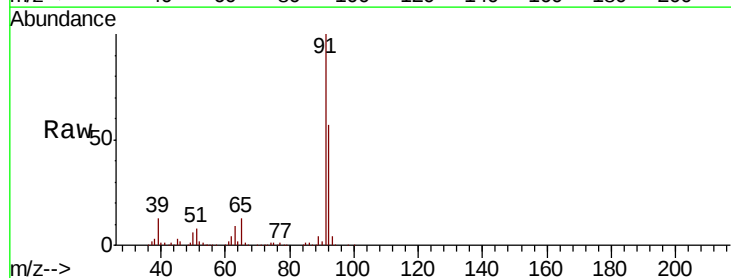
Acq: 06 Jun 2019 10:55

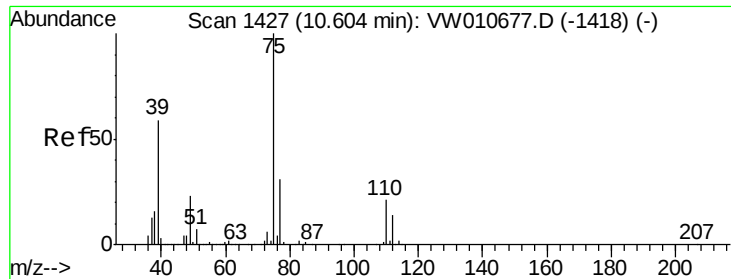
Tgt Ion: 92 Resp: 380939

Ion Ratio Lower Upper

92 100

91 171.5 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 54.163 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampled :

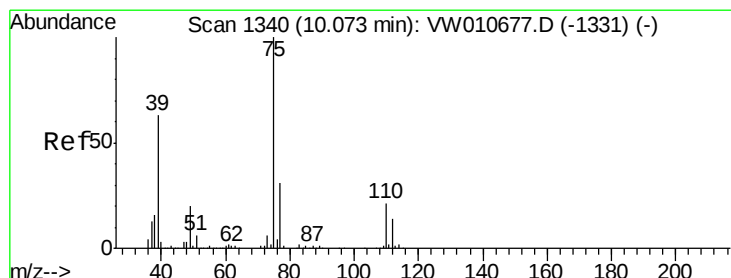
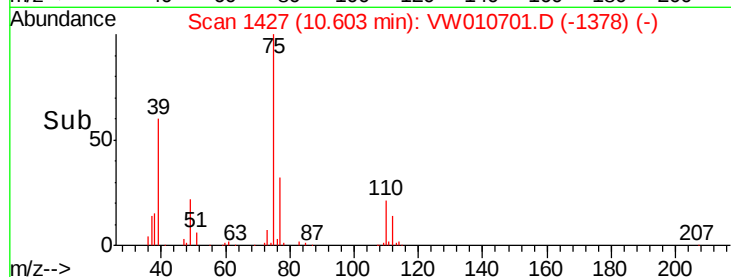
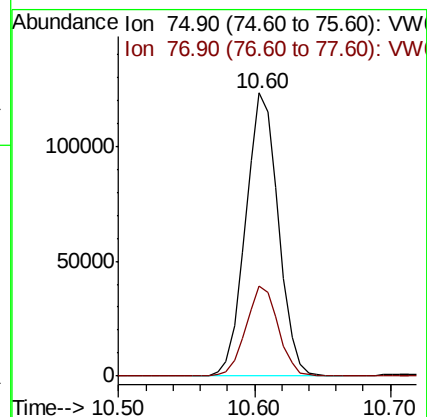
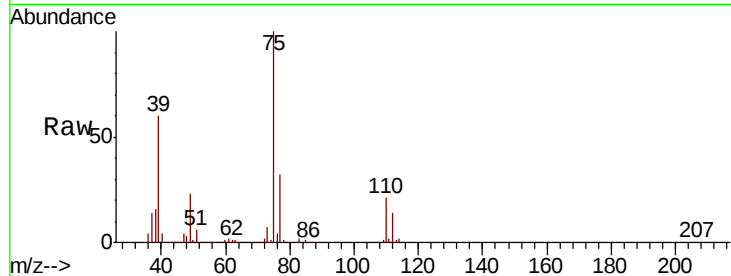
VSTDCCC050

Tot Ion: 75 Resp: 206779

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 54.810 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

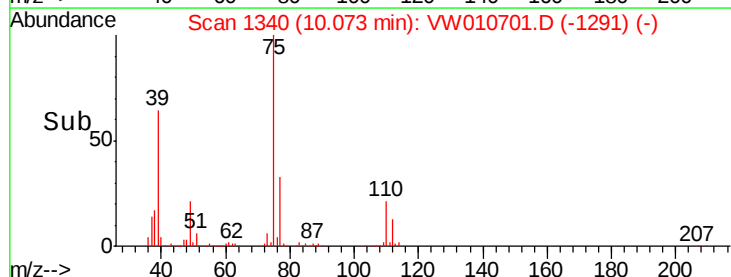
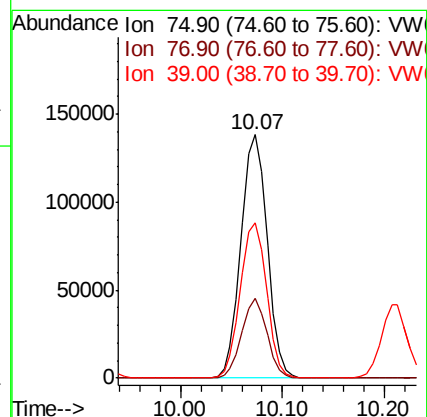
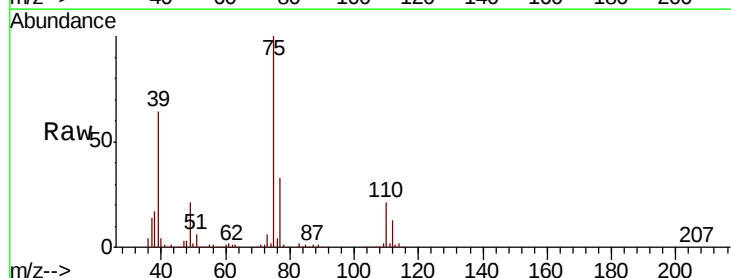
Tgt Ion: 75 Resp: 246226

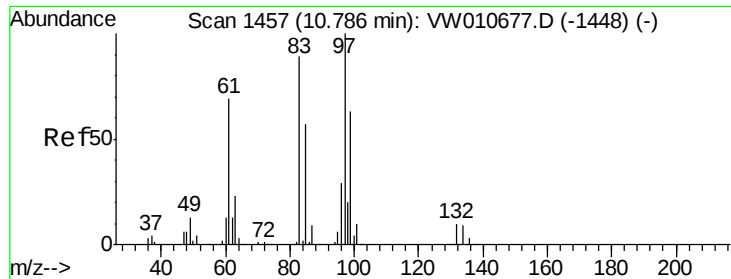
Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

39 63.9 50.1 75.1

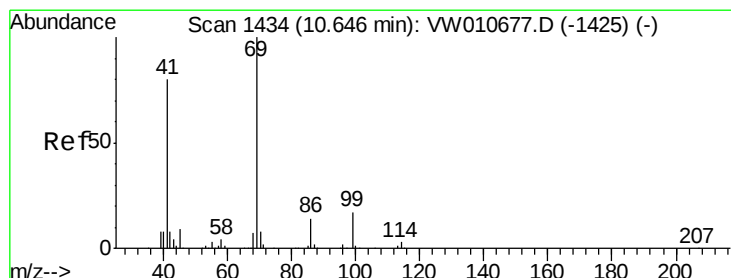
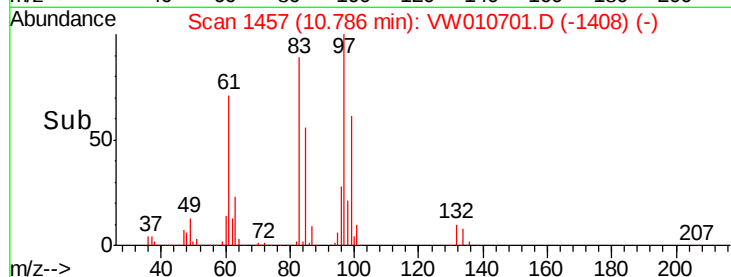
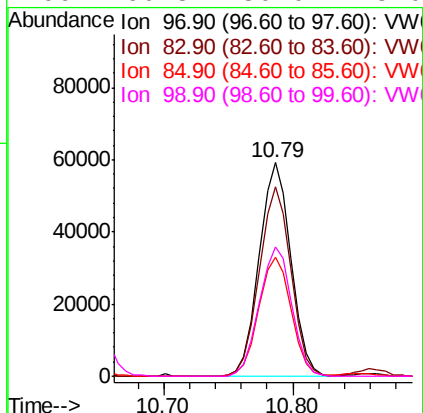
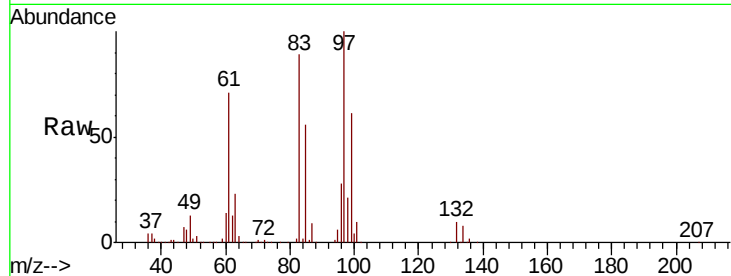




#55
 1,1,2-Trichloroethane
 Concen: 50.264 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010701.D
 Acq: 06 Jun 2019 10:55

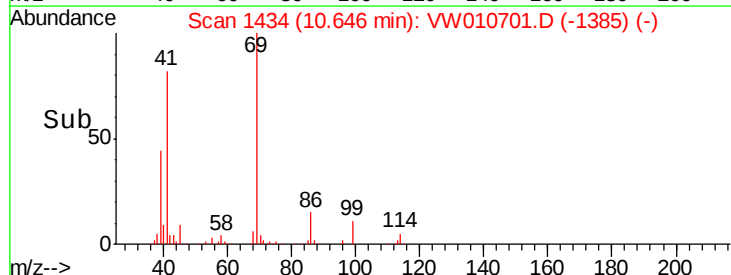
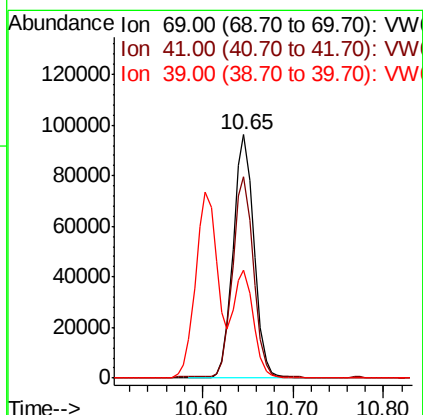
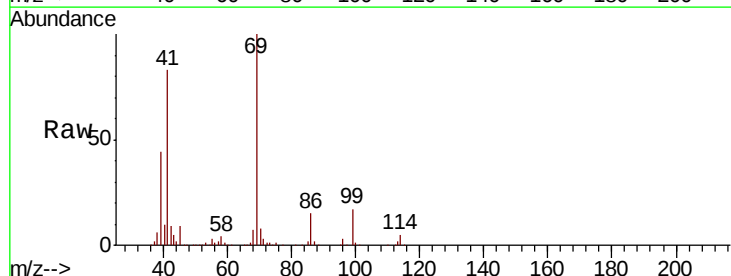
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

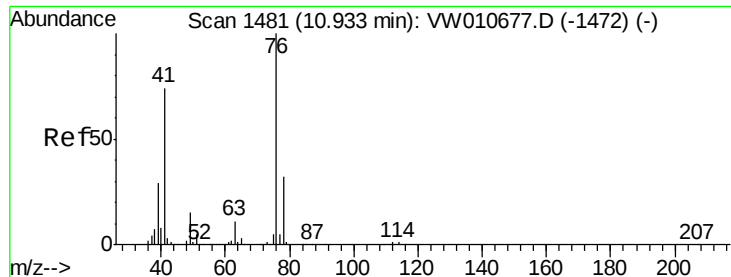
Tot Ion	97	Resp	100686
Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.1	106.7
85	55.9	45.2	67.8
99	60.8	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 49.892 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010701.D
 Acq: 06 Jun 2019 10:55

Tgt Ion	69	Resp	153781
Ion	Ratio	Lower	Upper
69	100		
41	82.0	64.8	97.2
39	41.1	32.2	48.2

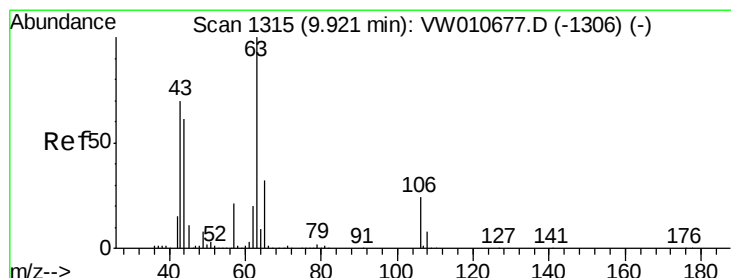
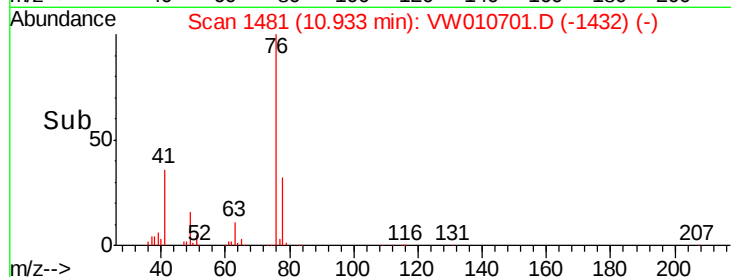
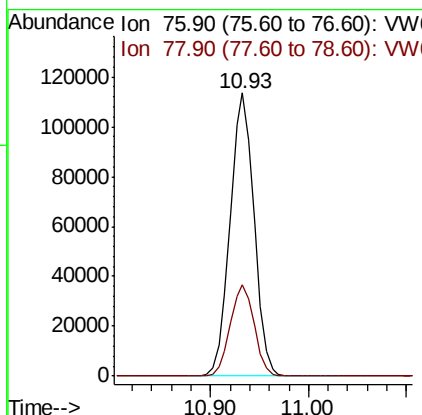
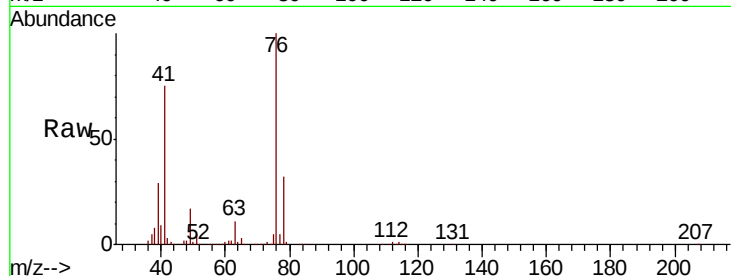




#57
 1,3-Dichloropropane
 Concen: 50.994 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010701.D
 Acq: 06 Jun 2019 10:55

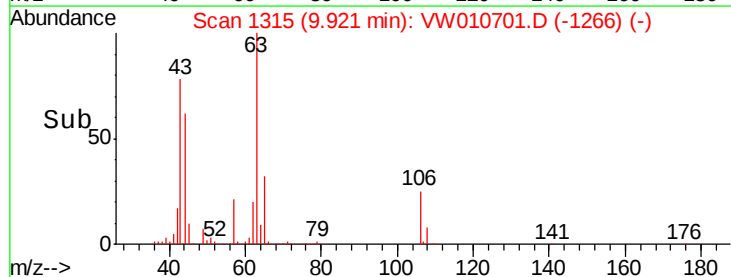
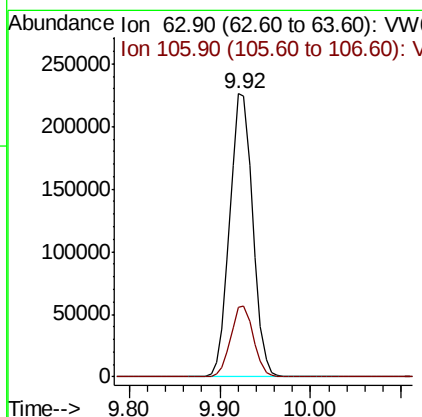
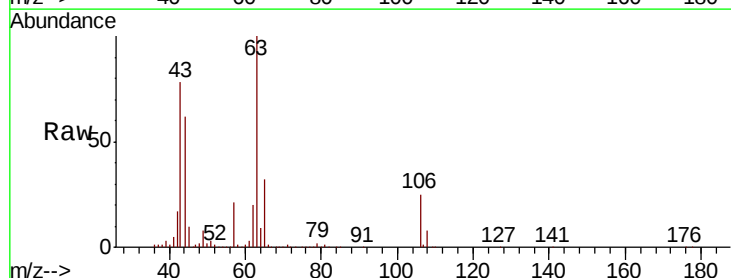
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

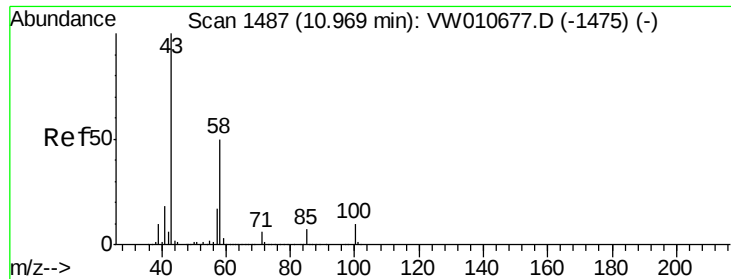
Tot Ion: 76 Resp: 192502
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.260 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010701.D
 Acq: 06 Jun 2019 10:55

Tgt Ion: 63 Resp: 399187
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.1 30.1

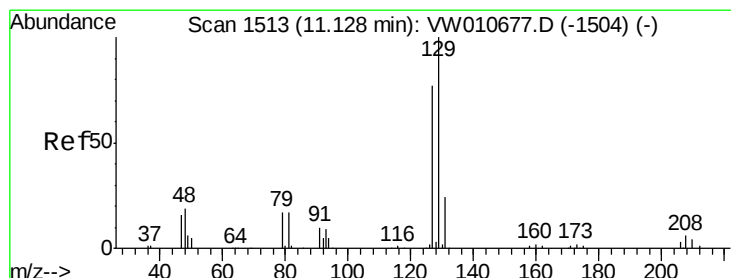
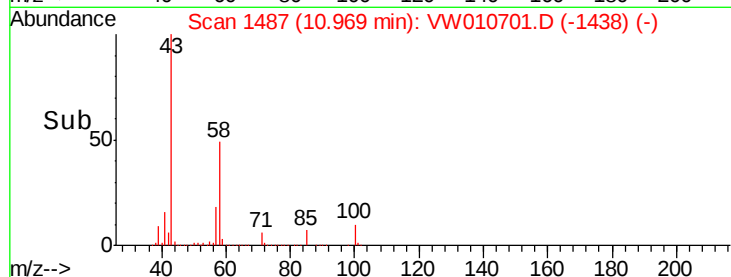
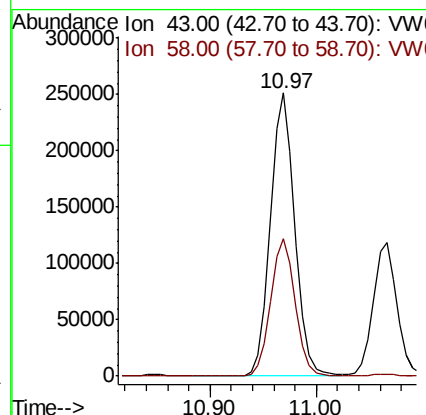
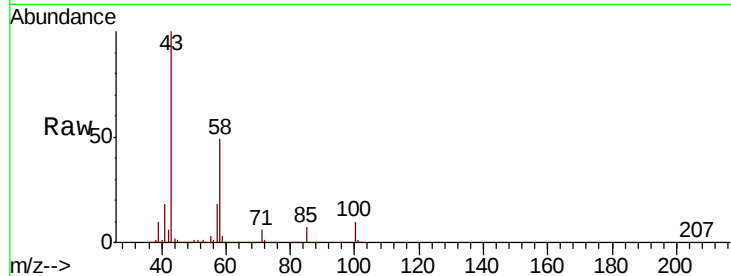




#59
2-Hexanone
Concen: 245.309 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

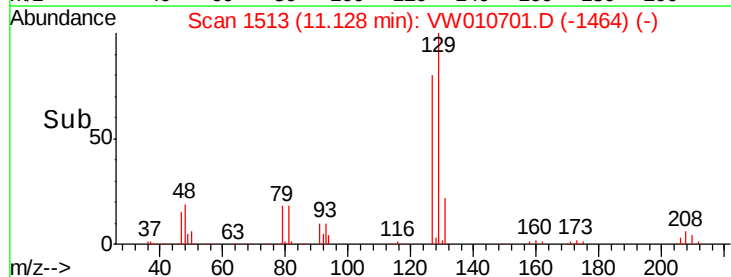
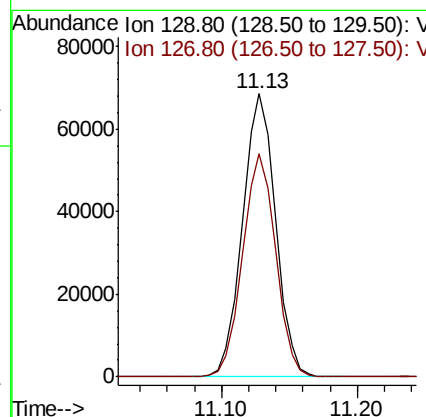
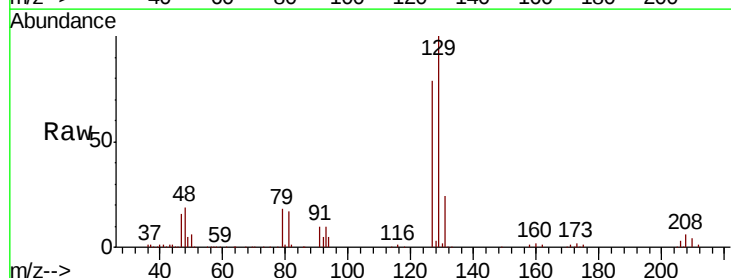
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

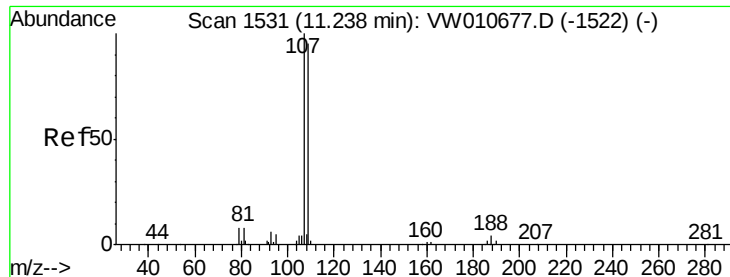
Tot Ion: 43 Resp: 401964
Ion Ratio Lower Upper
43 100
58 48.9 24.9 74.6



#60
Dibromochloromethane
Concen: 52.576 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 129 Resp: 116748
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.859 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

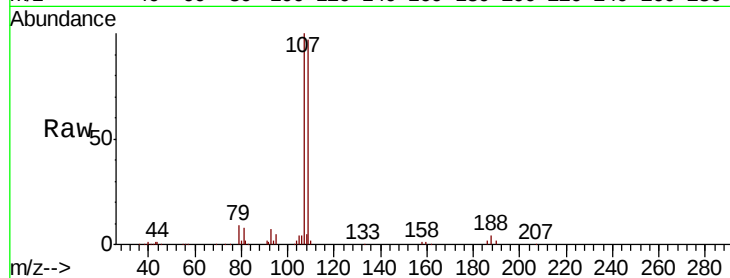
VSTDCCC050

Tot Ion:107 Resp: 94627

Ion Ratio Lower Upper

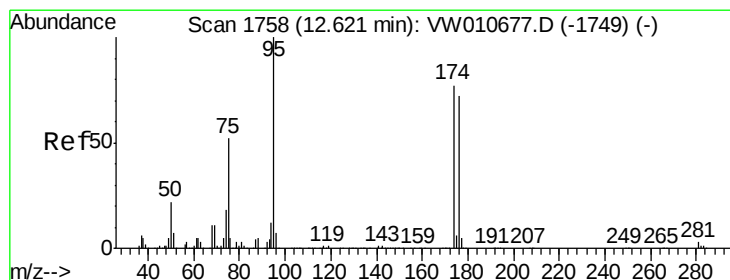
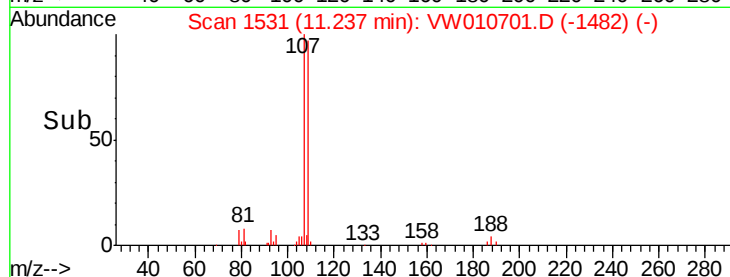
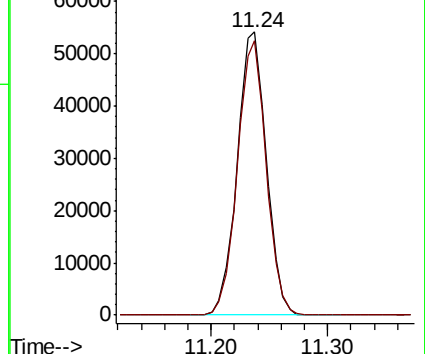
107 100

109 95.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.580 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

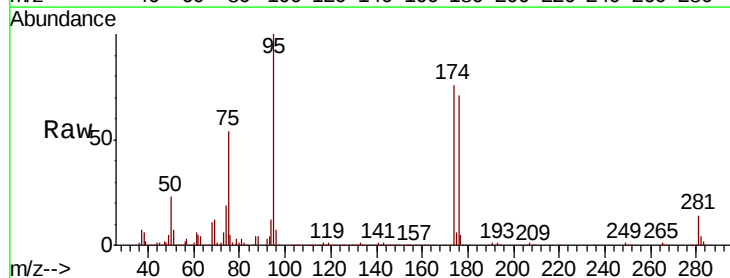
Tgt Ion: 95 Resp: 187937

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

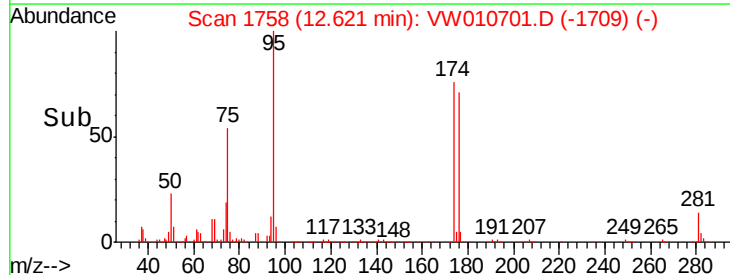
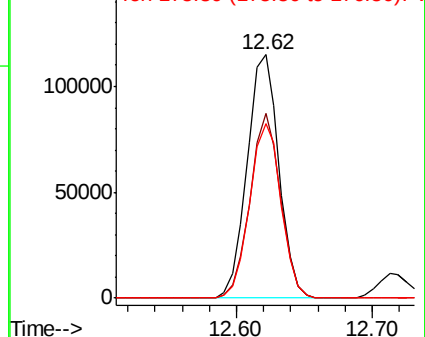
176 71.3 0.0 144.8

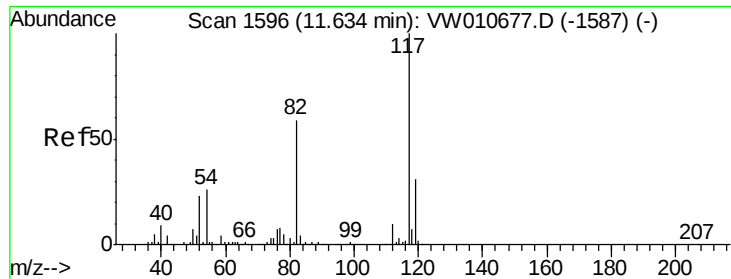


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

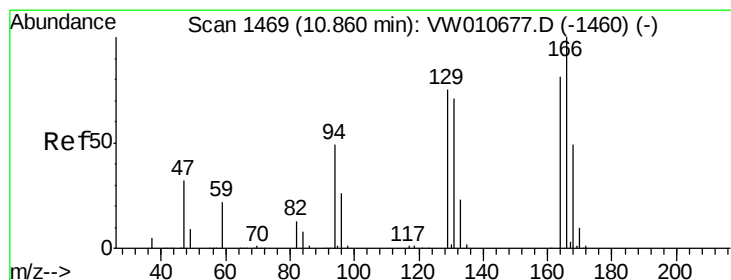
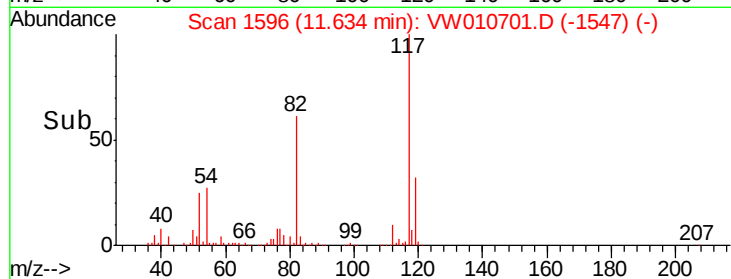
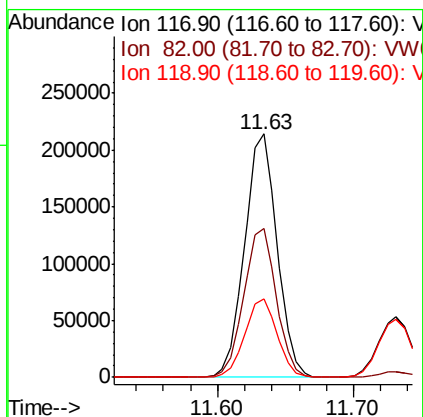
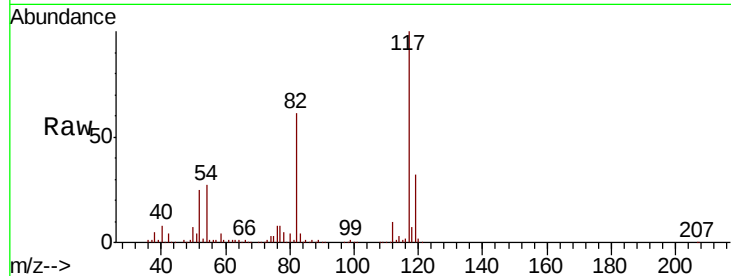




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

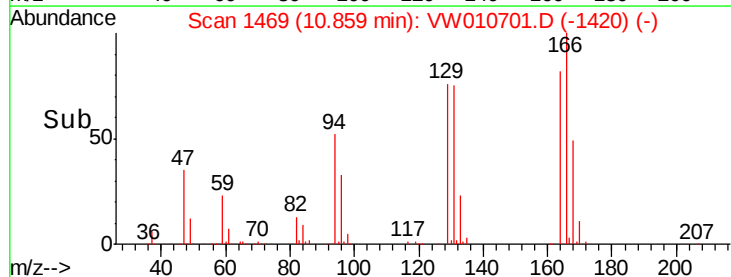
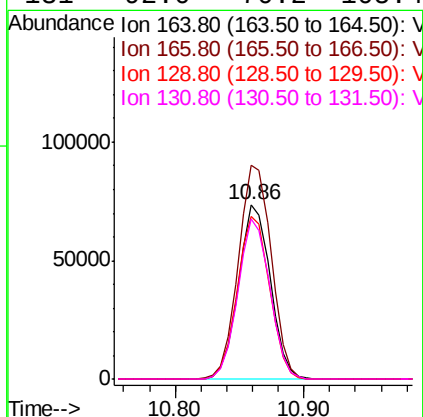
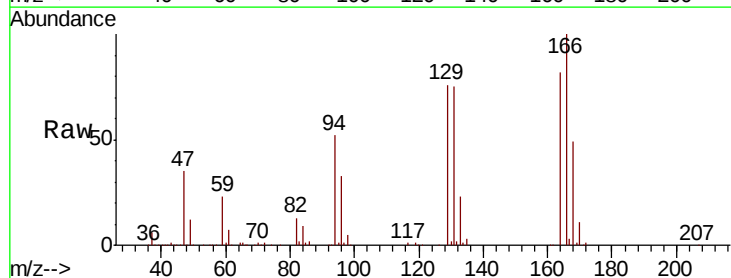
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

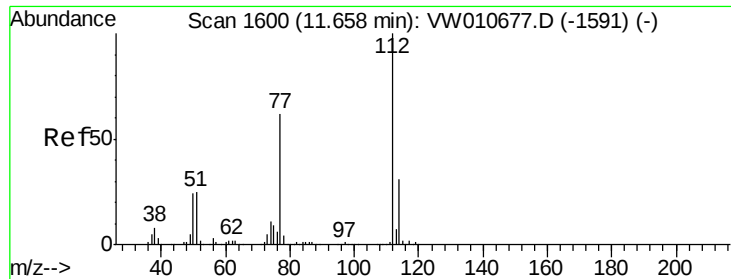
Tot Ion:117 Resp: 358376
Ion Ratio Lower Upper
117 100
82 61.2 47.0 70.4
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 52.764 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion:164 Resp: 125550
Ion Ratio Lower Upper
164 100
166 122.4 99.2 148.8
129 93.1 74.6 112.0
131 92.0 70.2 105.4





#65

Chlorobenzene

Concen: 54.047 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

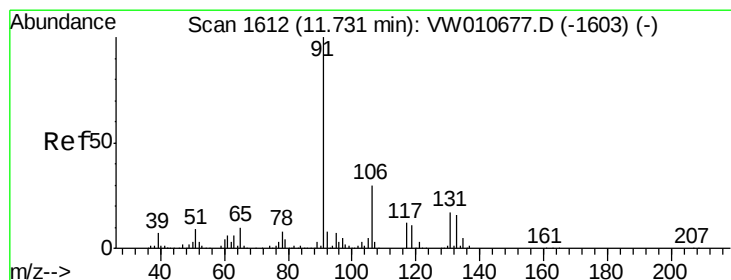
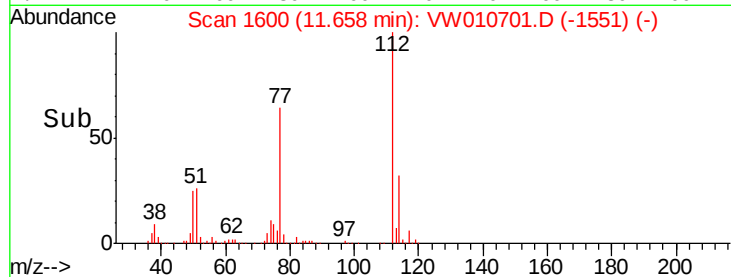
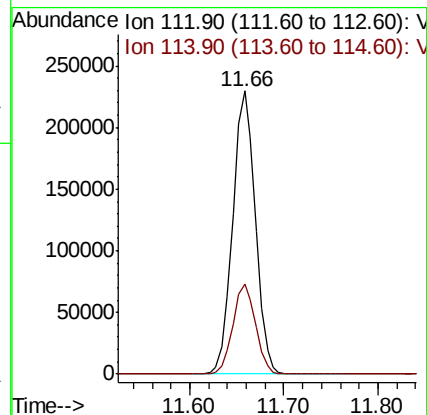
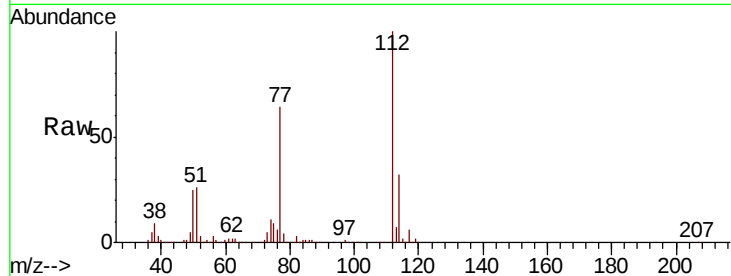
VSTDCCC050

Tot Ion:112 Resp: 380894

Ion Ratio Lower Upper

112 100

114 31.8 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 54.568 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

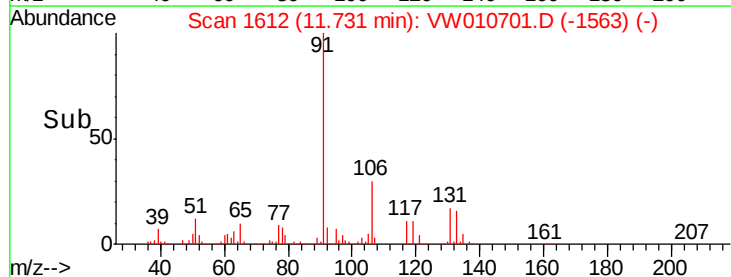
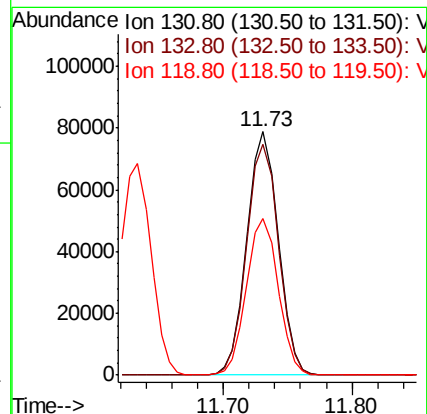
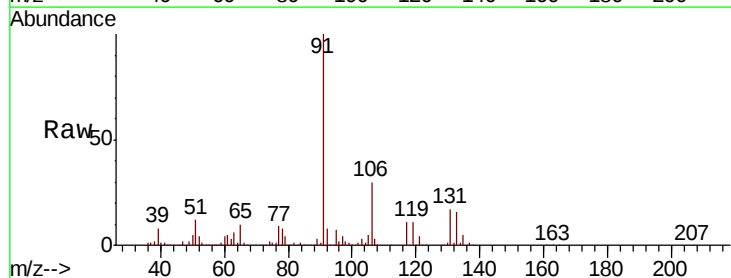
Tgt Ion:131 Resp: 133122

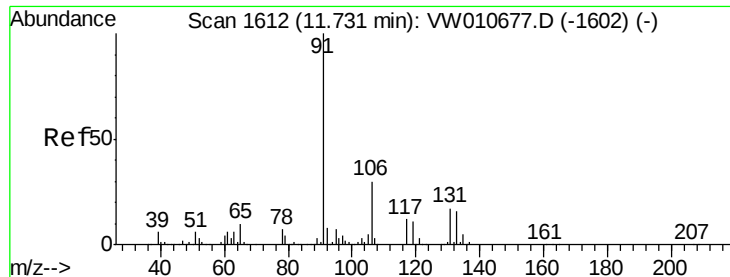
Ion Ratio Lower Upper

131 100

133 96.1 47.3 141.9

119 65.0 32.4 97.0

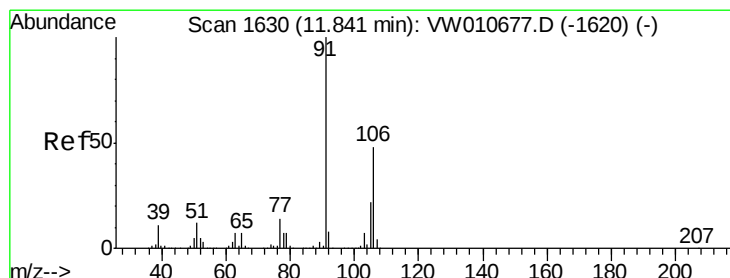
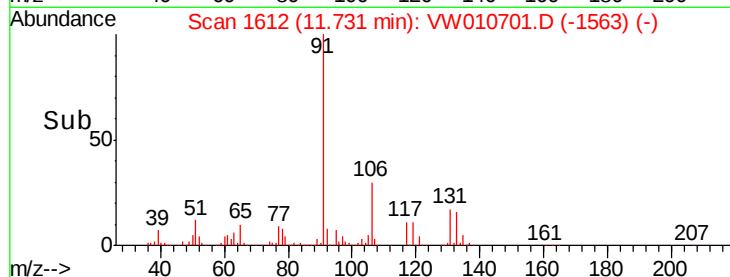
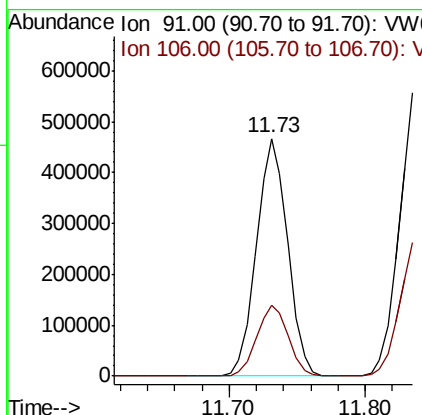
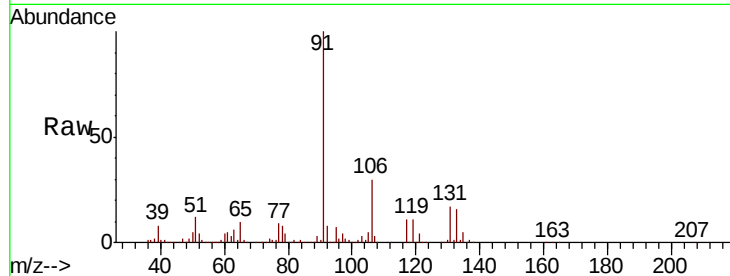




#67
Ethyl Benzene
Concen: 55.291 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

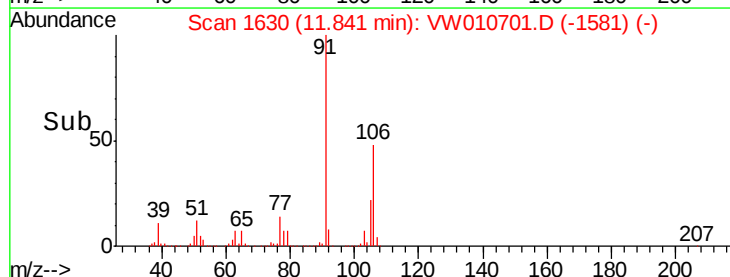
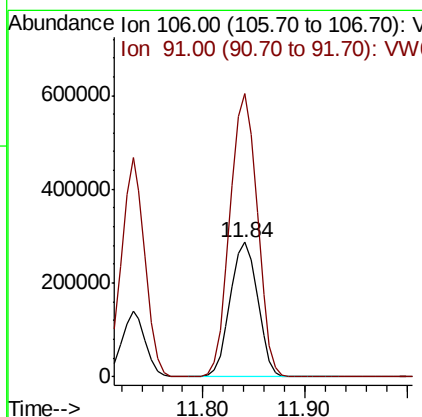
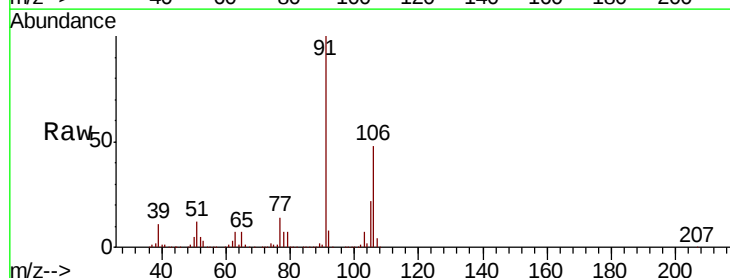
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

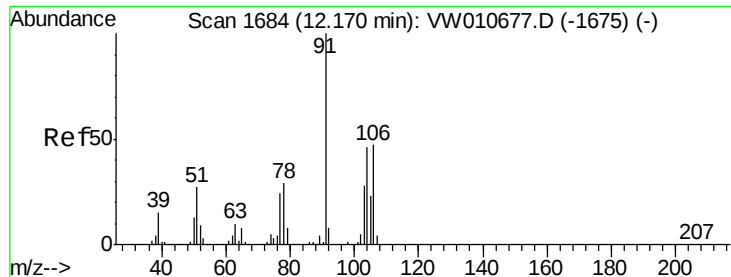
Tot Ion: 91 Resp: 748870
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4



#68
m/p-Xylenes
Concen: 110.654 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 106 Resp: 536497
Ion Ratio Lower Upper
106 100
91 209.4 166.5 249.7

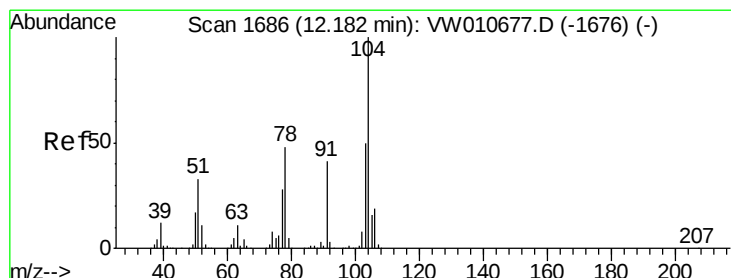
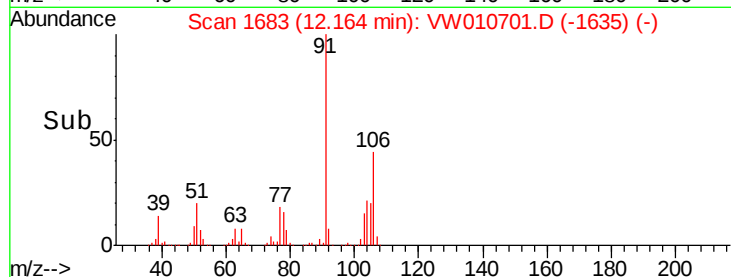
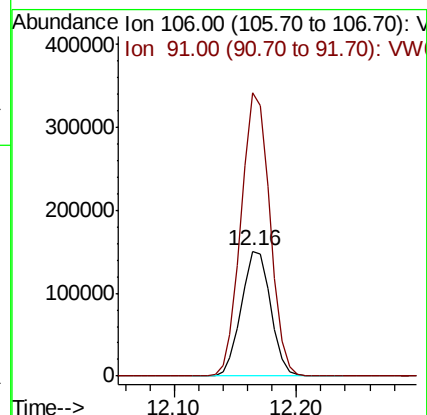
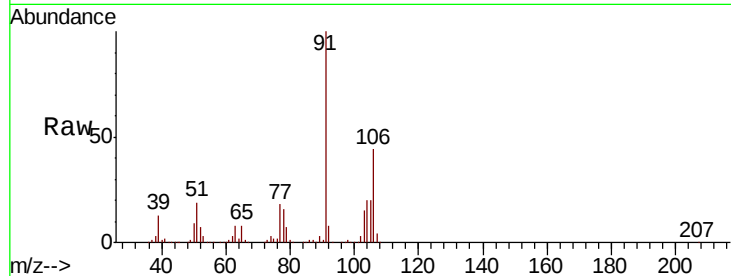




#69
o-Xylene
Concen: 54.494 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

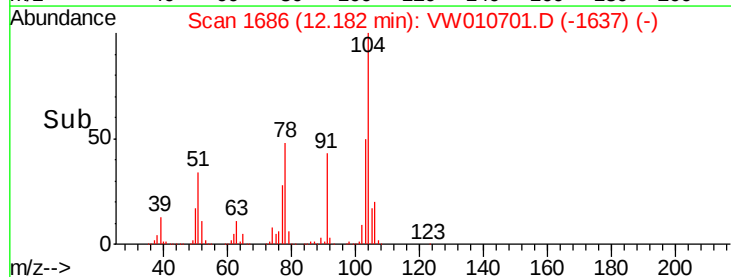
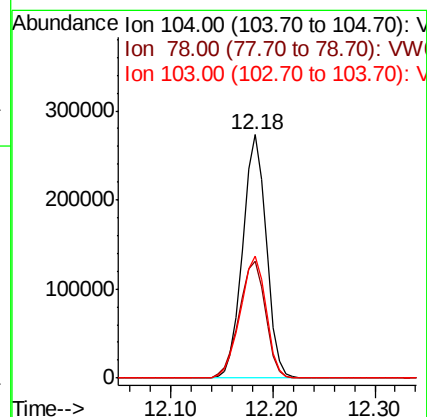
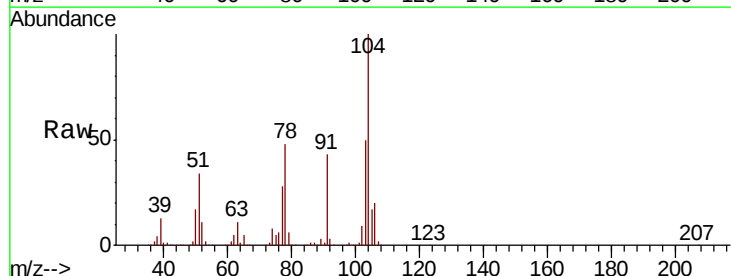
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

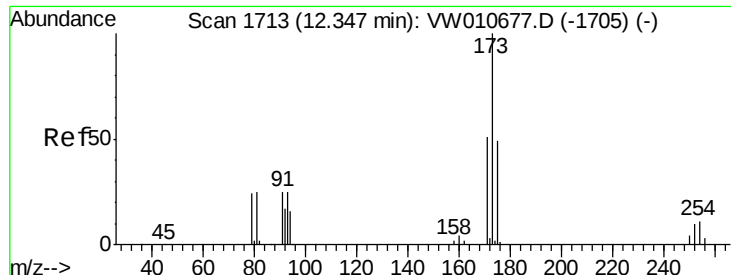
Tot Ion:106 Resp: 250583
Ion Ratio Lower Upper
106 100
91 222.9 108.9 326.6



#70
Styrene
Concen: 54.599 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion:104 Resp: 436139
Ion Ratio Lower Upper
104 100
78 53.9 42.7 64.1
103 54.5 43.6 65.4





#71

Bromoform

Concen: 51.457 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

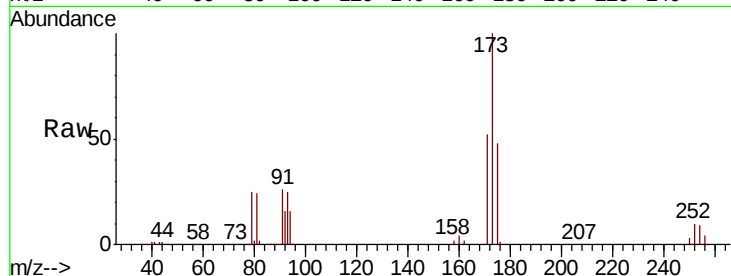
Tot Ion:173 Resp: 64924

Ion Ratio Lower Upper

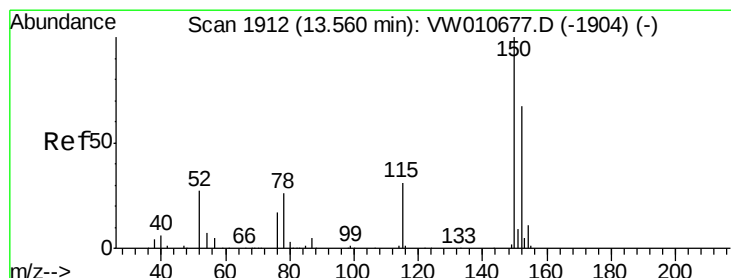
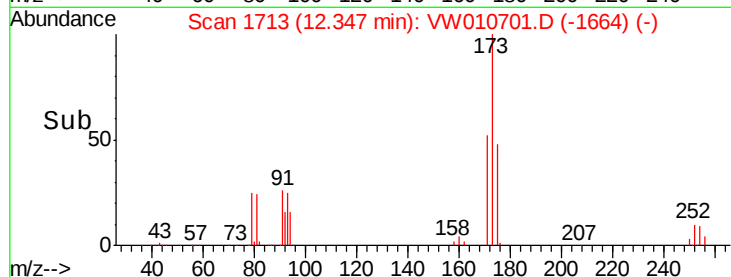
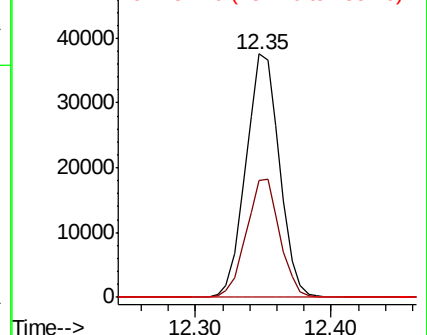
173 100

175 48.2 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

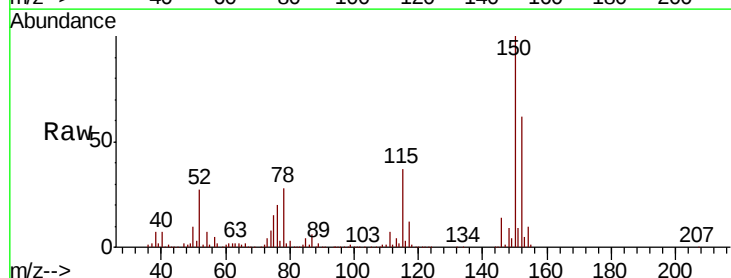
Tgt Ion:152 Resp: 169710

Ion Ratio Lower Upper

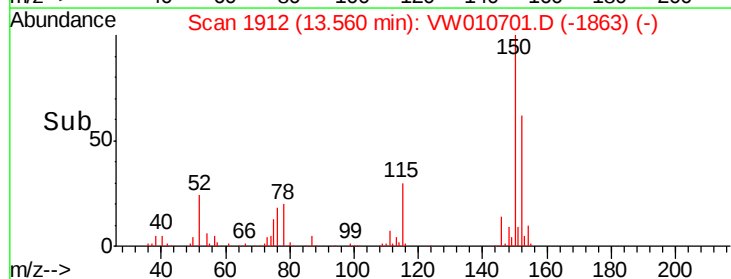
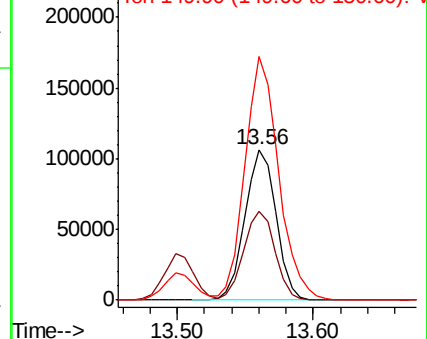
152 100

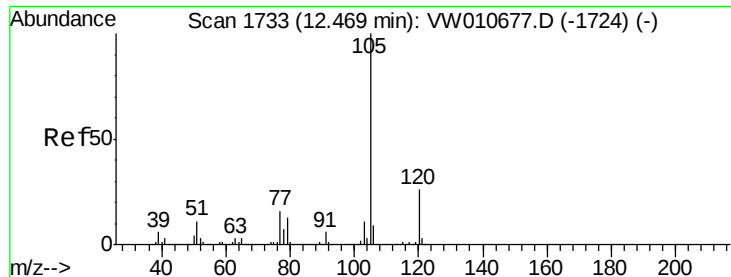
115 59.7 29.8 89.3

150 175.7 0.0 345.0



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

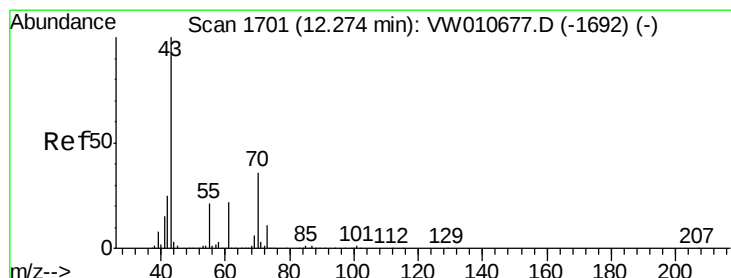
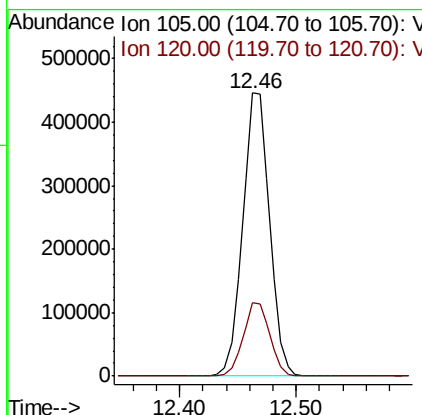
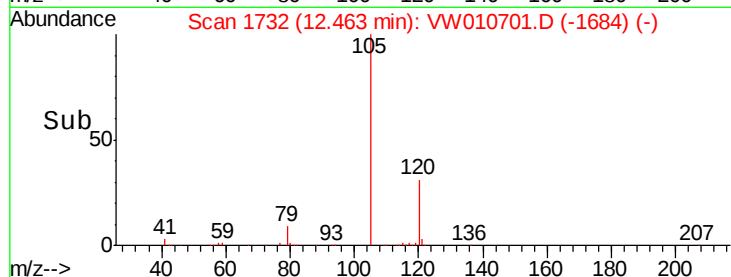
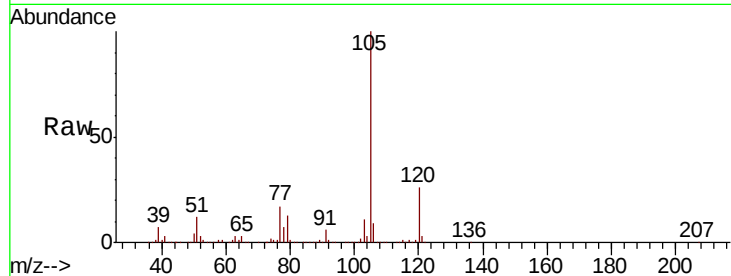




#73
Isopropylbenzene
Concen: 56.166 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

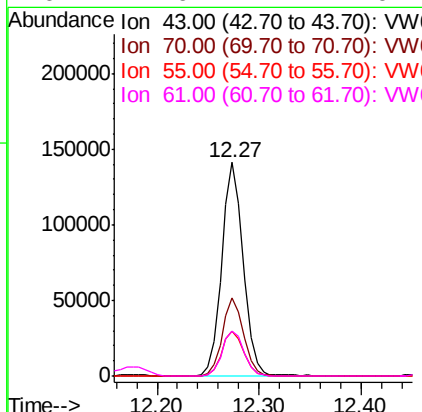
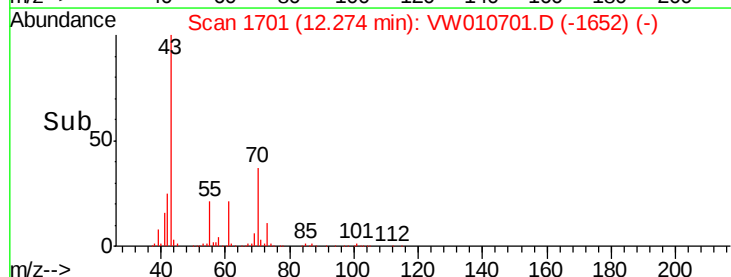
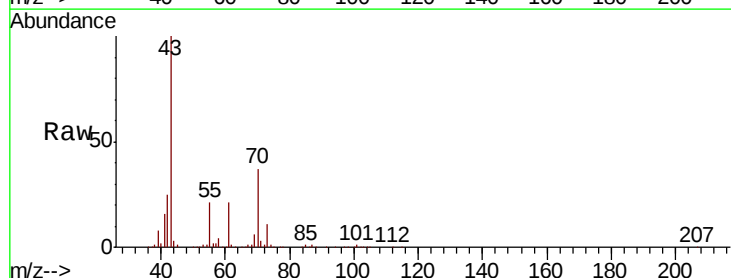
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

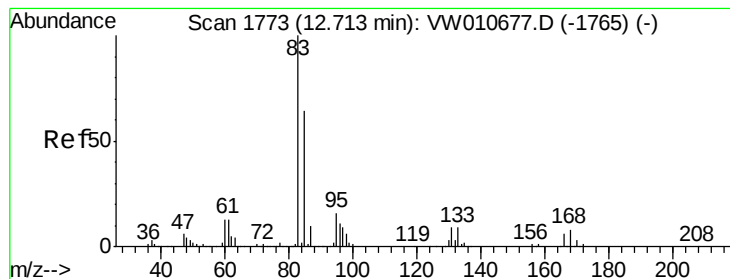
Tot Ion:105 Resp: 716282
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1



#74
N-ethyl acetate
Concen: 50.125 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion: 43 Resp: 206596
Ion Ratio Lower Upper
43 100
70 36.3 29.2 43.8
55 21.9 17.5 26.3
61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.050 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

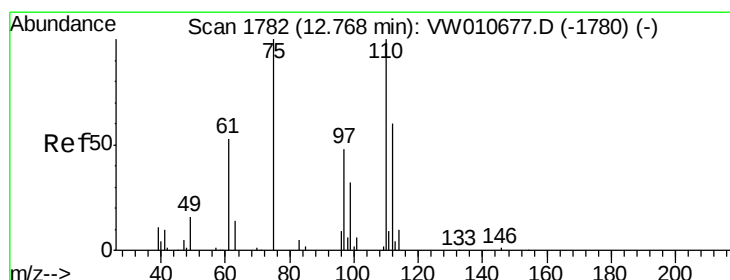
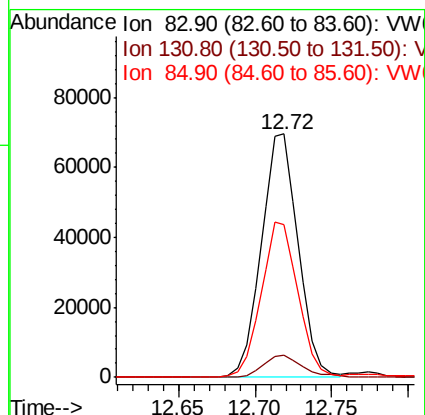
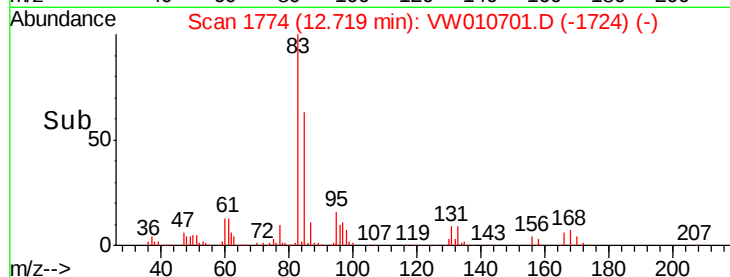
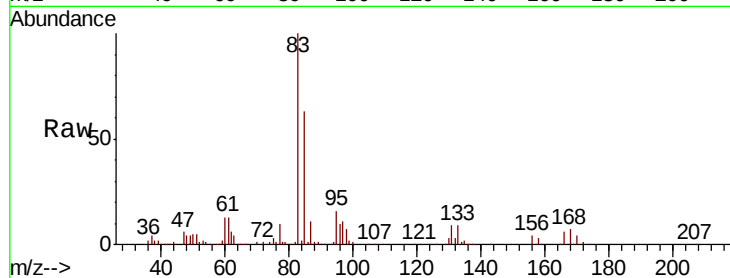
Tot Ion: 83 Resp: 116659

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 63.6 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 89.331 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010701.D

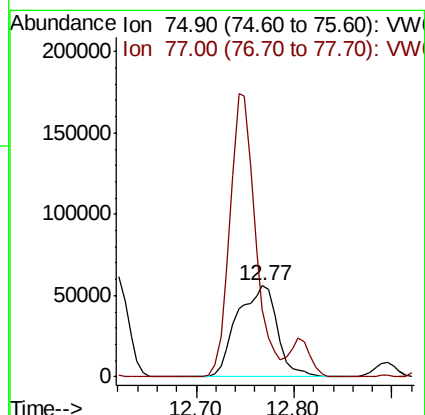
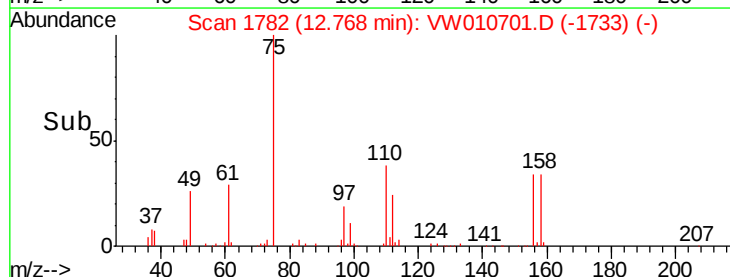
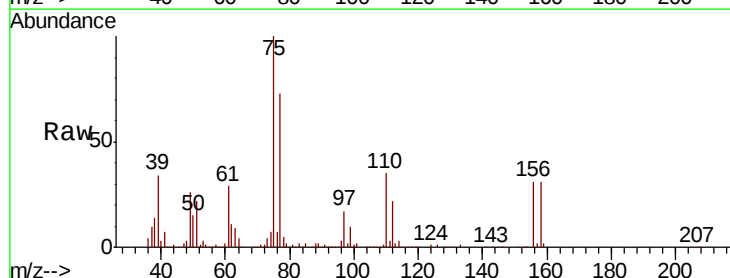
Acq: 06 Jun 2019 10:55

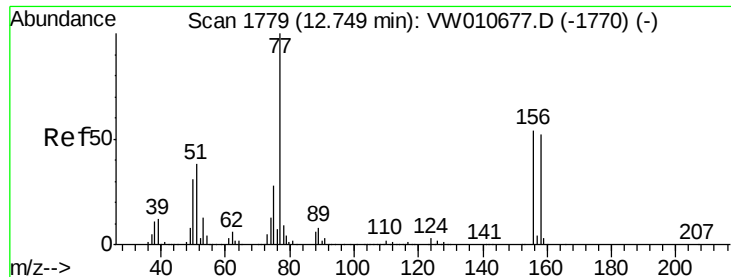
Tgt Ion: 75 Resp: 159205

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.281 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

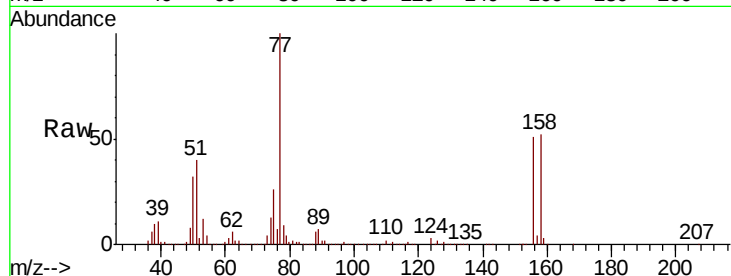
Tot Ion:156 Resp: 148323

Ion Ratio Lower Upper

156 100

77 213.5 106.5 319.4

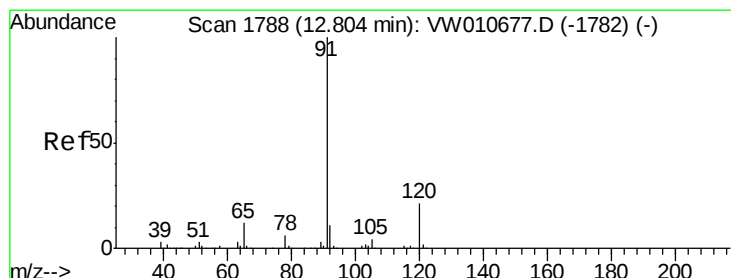
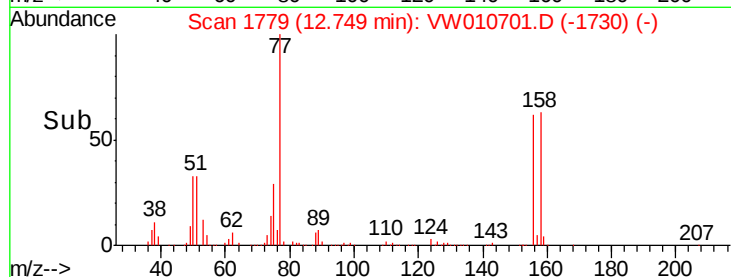
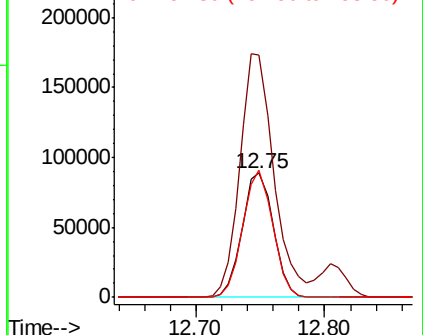
158 98.4 48.3 144.9



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: 56.488 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010701.D

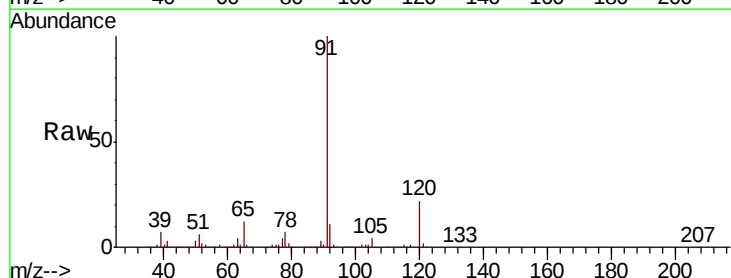
Acq: 06 Jun 2019 10:55

Tgt Ion: 91 Resp: 868659

Ion Ratio Lower Upper

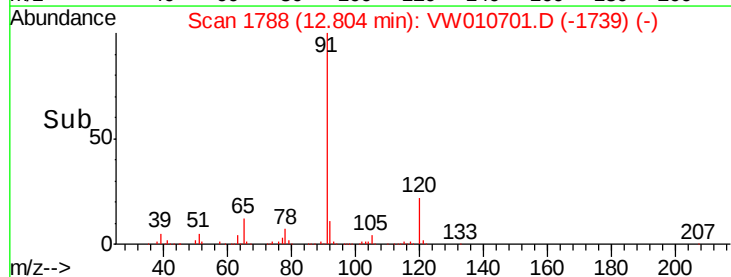
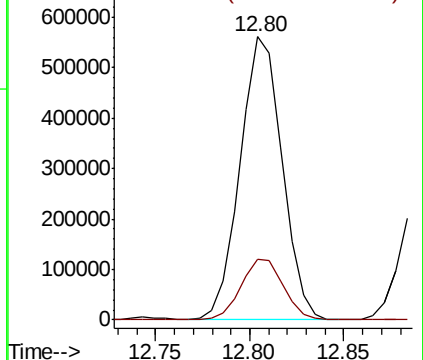
91 100

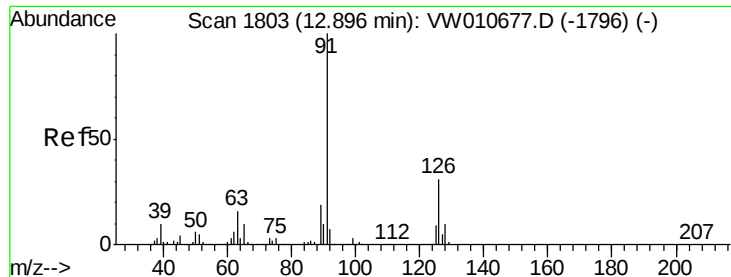
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.734 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

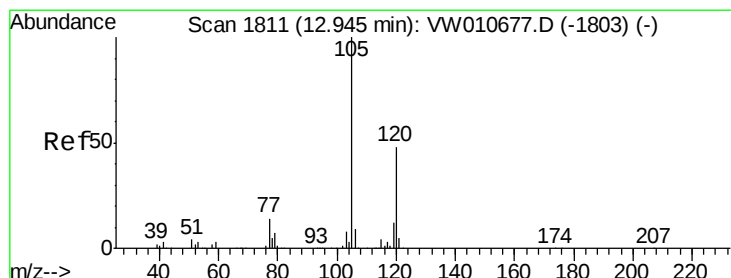
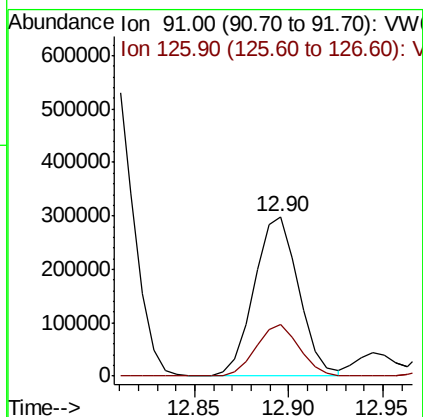
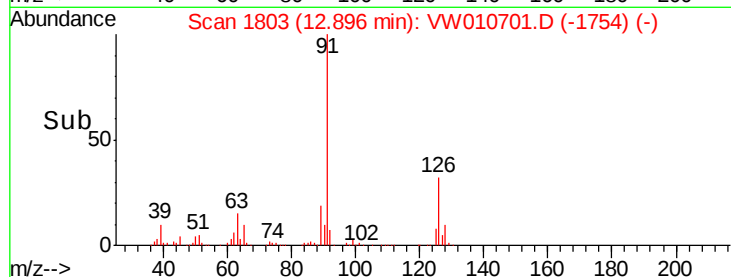
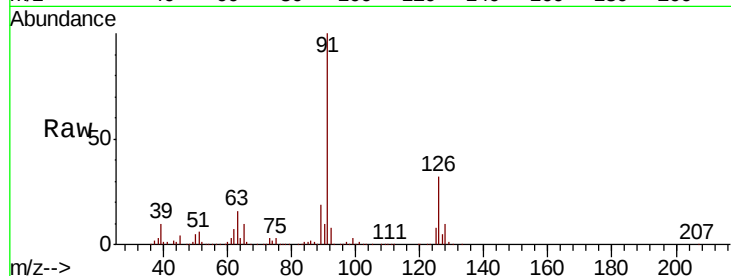
VSTDCCC050

Tot Ion: 91 Resp: 489649

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 56.520 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010701.D

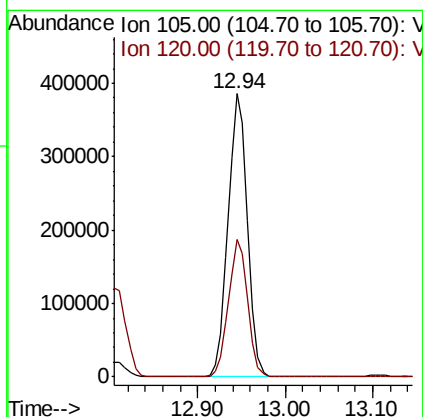
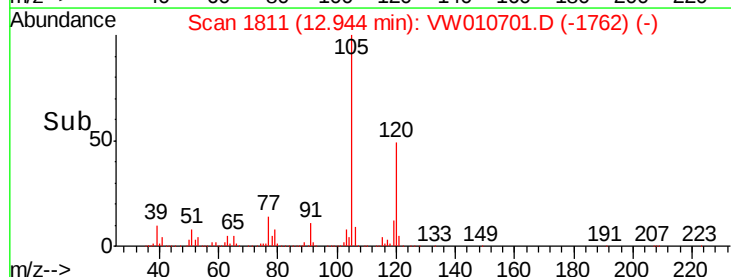
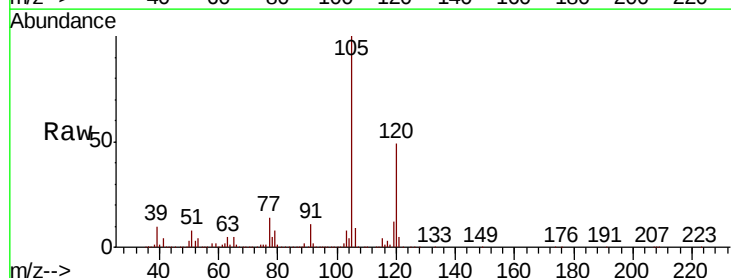
Acq: 06 Jun 2019 10:55

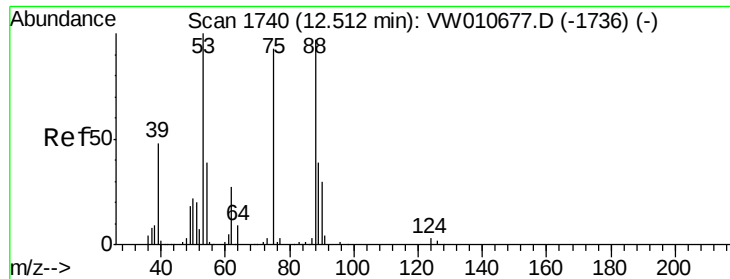
Tgt Ion:105 Resp: 589987

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.288 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

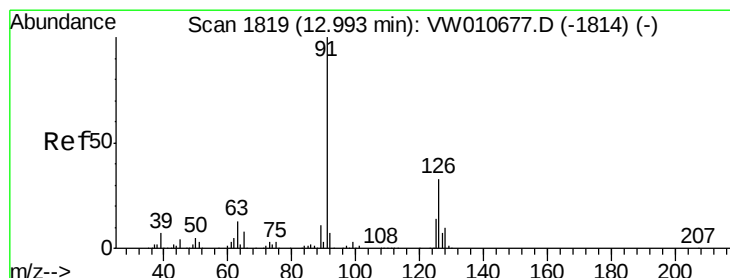
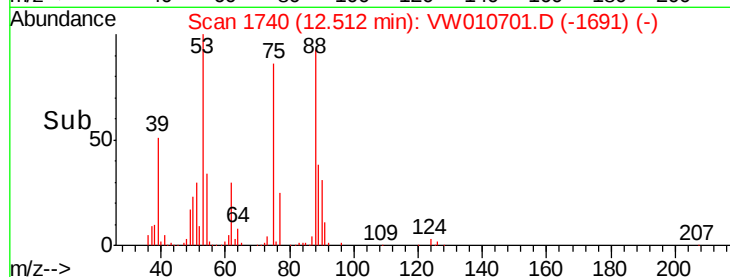
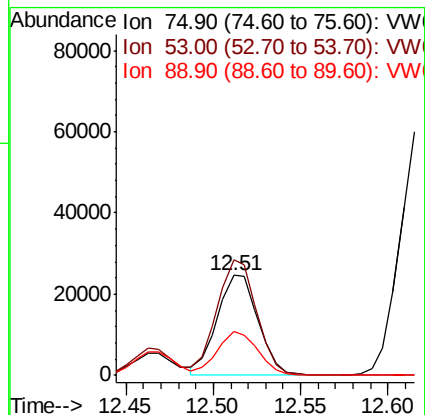
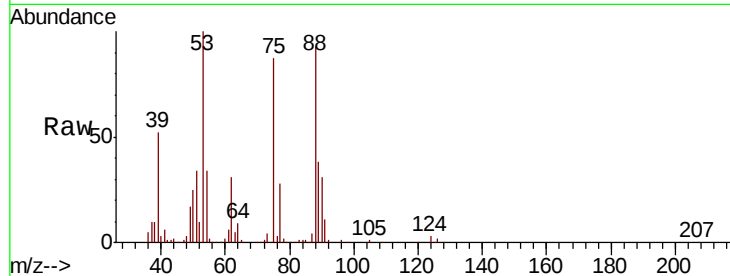
Tot Ion: 75 Resp: 39770

Ion Ratio Lower Upper

75 100

53 113.6 90.1 135.1

89 43.8 34.6 52.0



#82

4-Chlorotoluene

Concen: 55.754 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010701.D

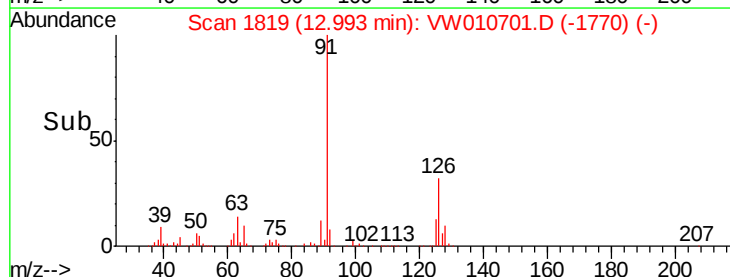
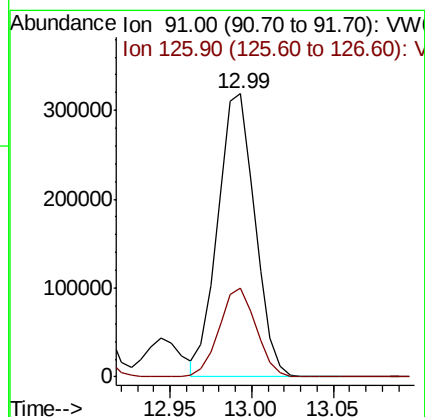
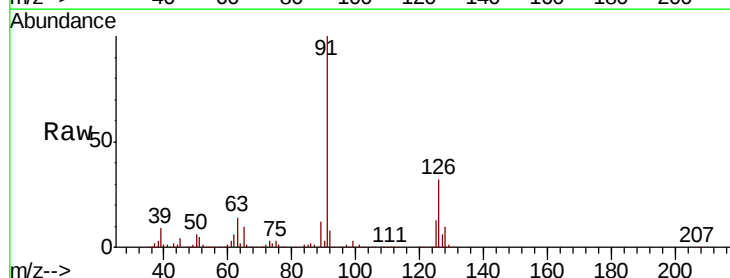
Acq: 06 Jun 2019 10:55

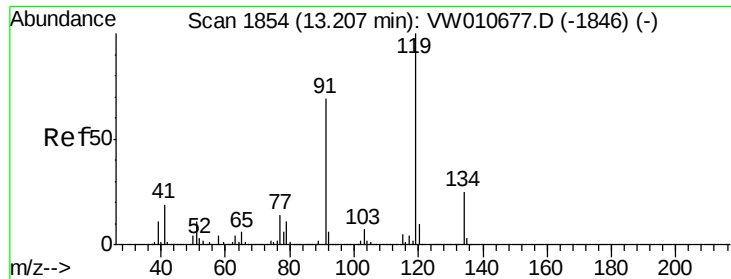
Tgt Ion: 91 Resp: 505479

Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7

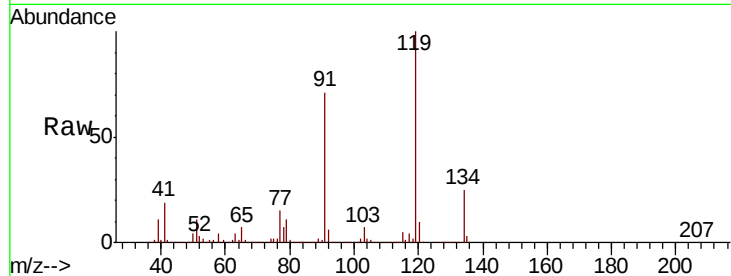




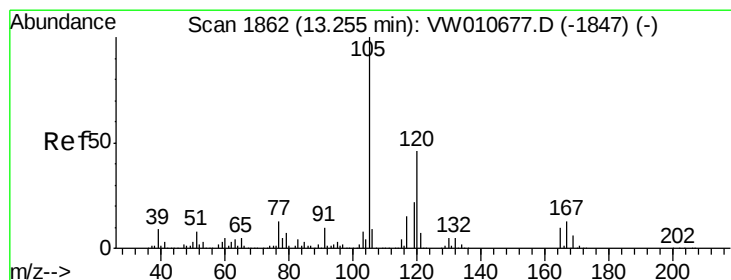
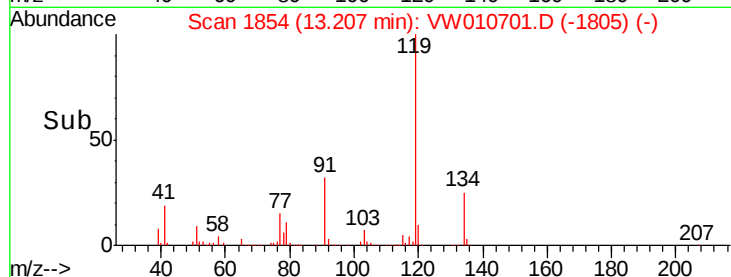
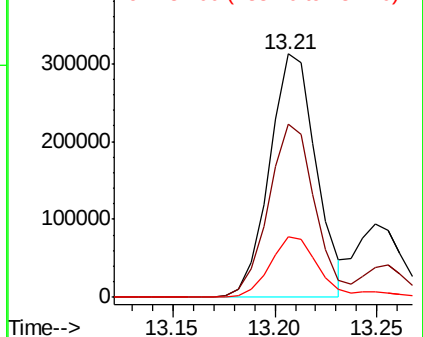
#83
tert-Butylbenzene
Concen: 56.222 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 498076
Ion Ratio Lower Upper
119 100
91 71.2 35.1 105.3
134 27.0 13.6 40.7

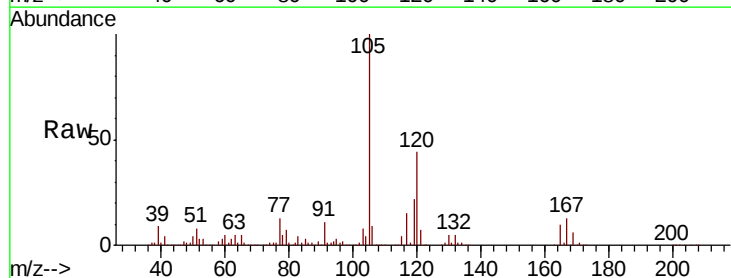


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

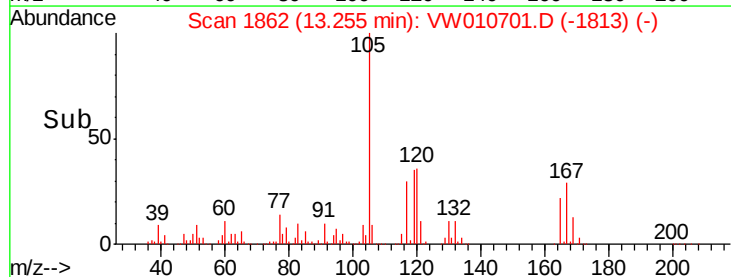
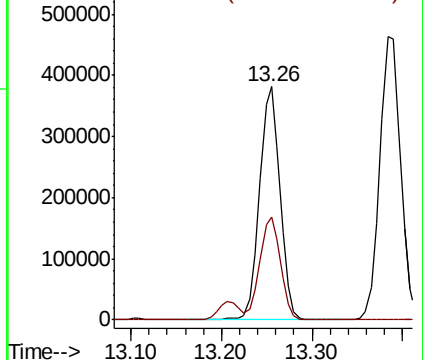


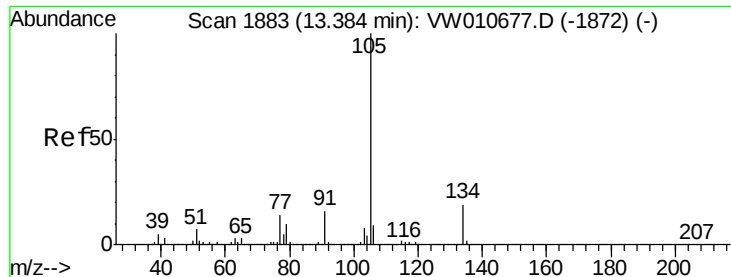
#84
1,2,4-Trimethylbenzene
Concen: 56.557 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion:105 Resp: 594087
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5



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





#85

sec-Butylbenzene

Concen: 57.004 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleID :

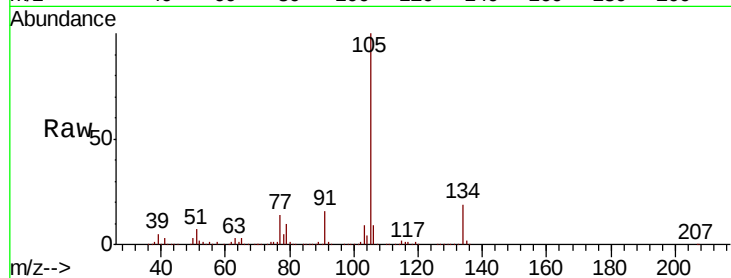
VSTDCCC050

Tot Ion:105 Resp: 735264

Ion Ratio Lower Upper

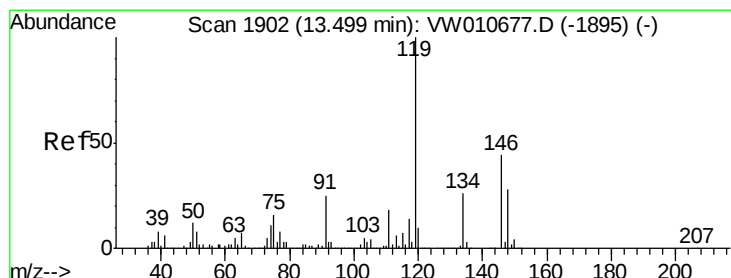
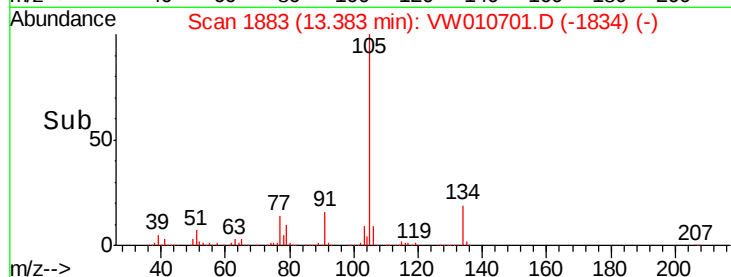
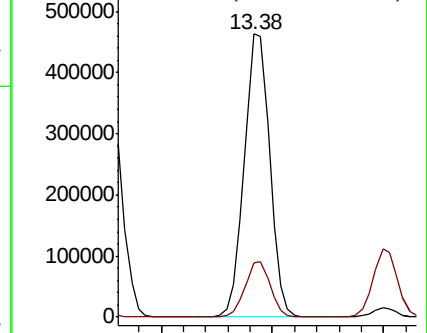
105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.718 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

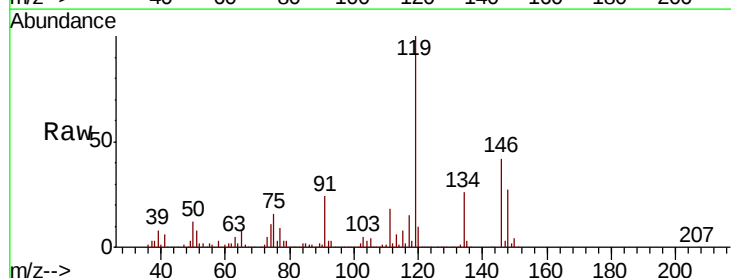
Tgt Ion:119 Resp: 654210

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

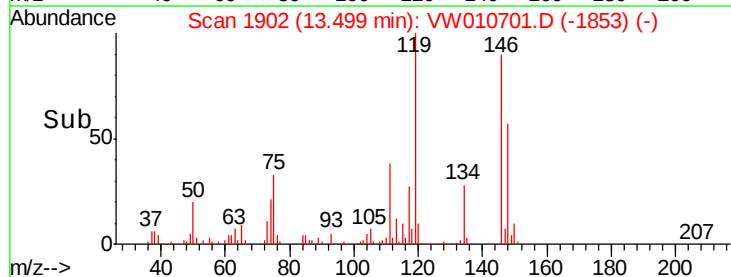
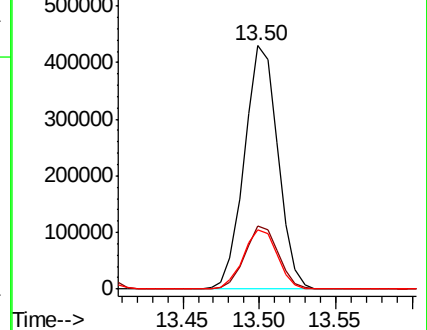
91 24.8 12.2 36.4

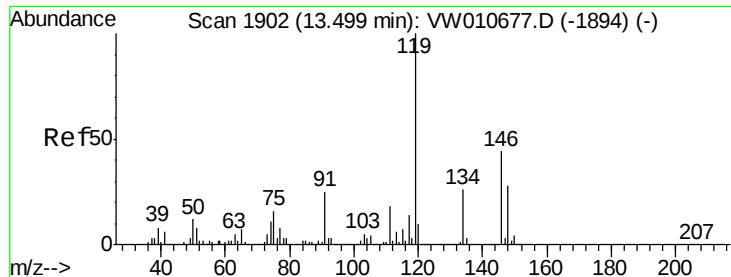


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.914 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

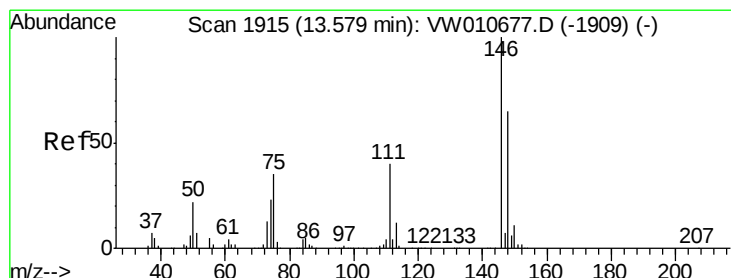
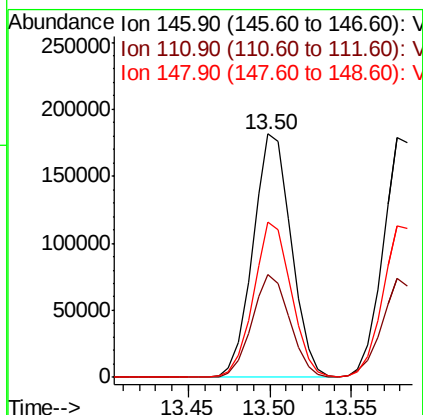
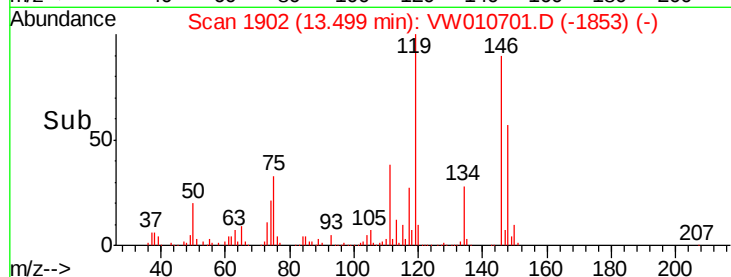
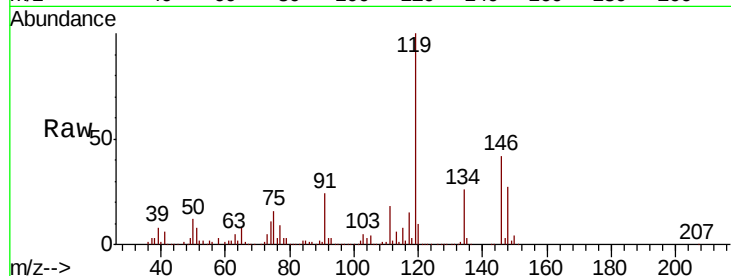
Tot Ion:146 Resp: 294803

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

148 62.7 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 54.499 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

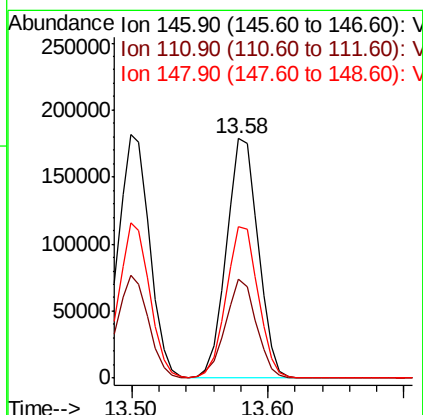
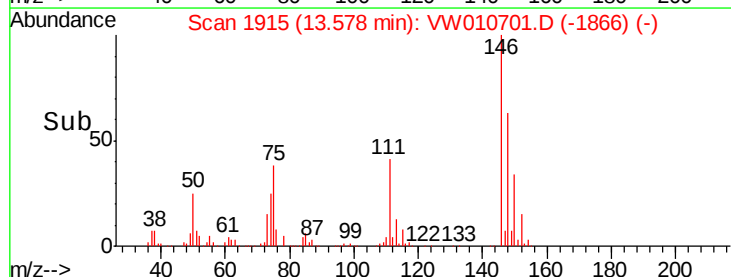
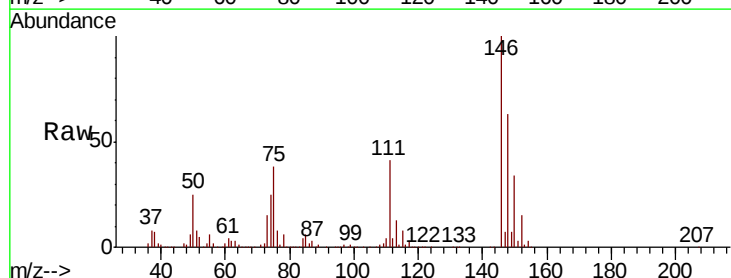
Tgt Ion:146 Resp: 290052

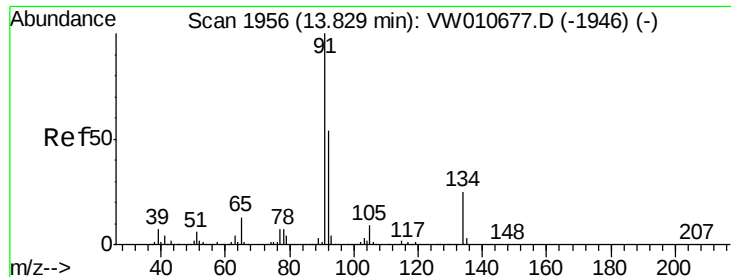
Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.9

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 57.942 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

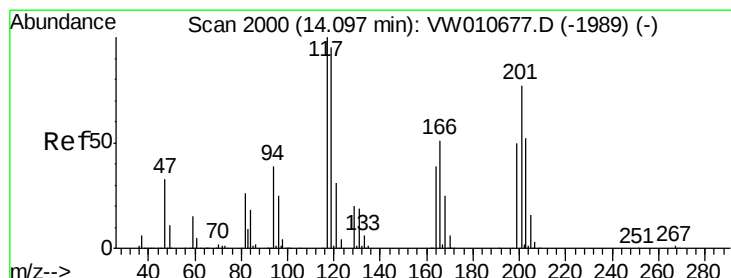
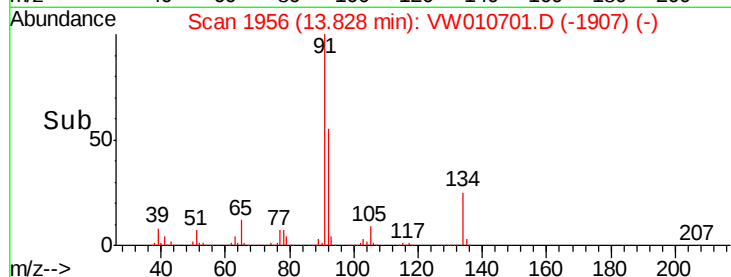
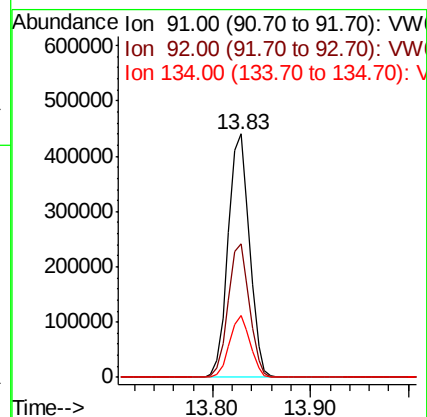
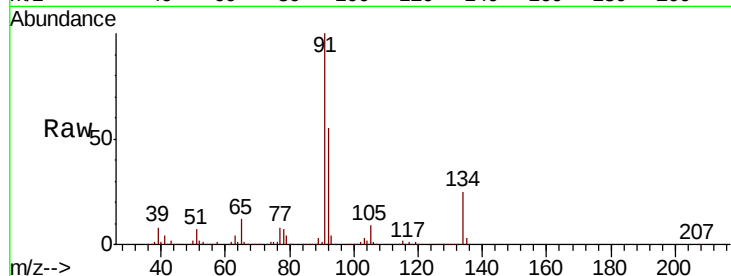
Tot Ion: 91 Resp: 666825

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.8

134 24.4 12.3 36.9



#90

Hexachloroethane

Concen: 58.740 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010701.D

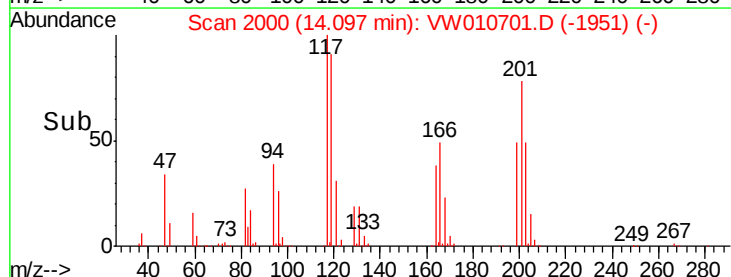
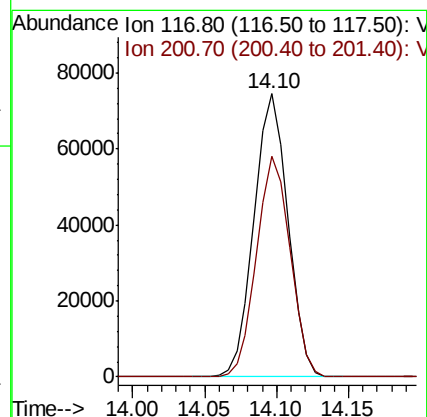
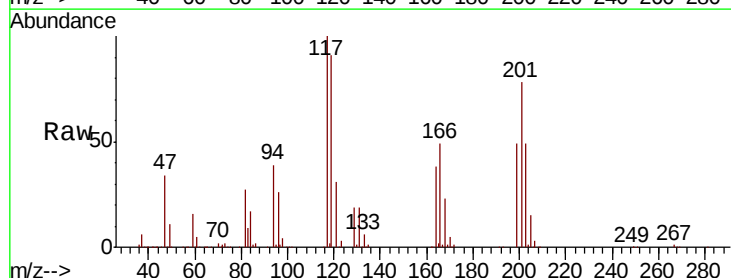
Acq: 06 Jun 2019 10:55

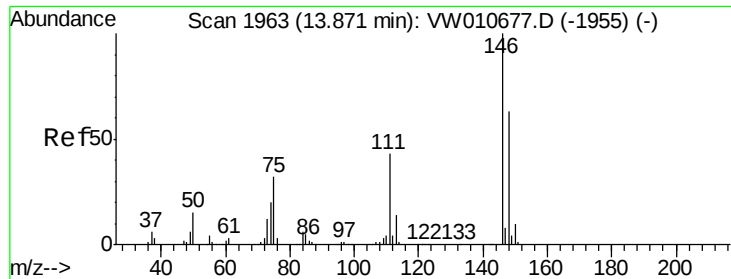
Tgt Ion: 117 Resp: 121336

Ion Ratio Lower Upper

117 100

201 77.5 38.8 116.4





#91

1,2-Dichlorobenzene

Concen: 52.976 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

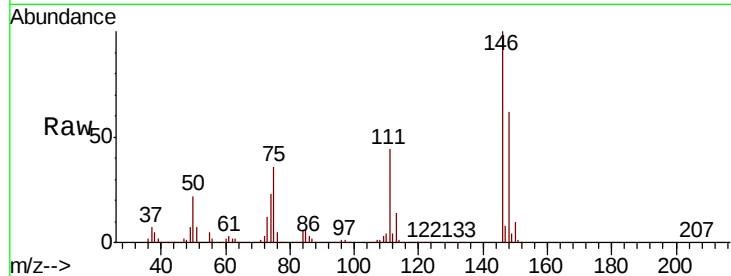
Tot Ion:146 Resp: 255759

Ion Ratio Lower Upper

146 100

111 43.2 21.5 64.5

148 62.7 31.9 95.5

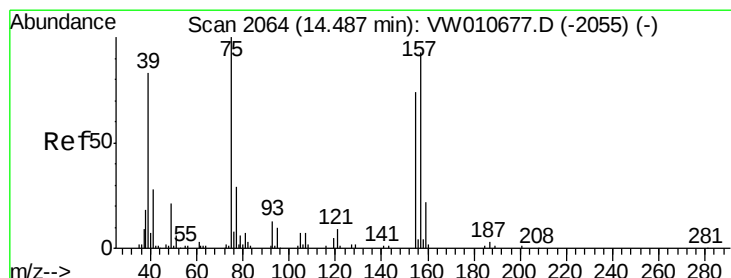
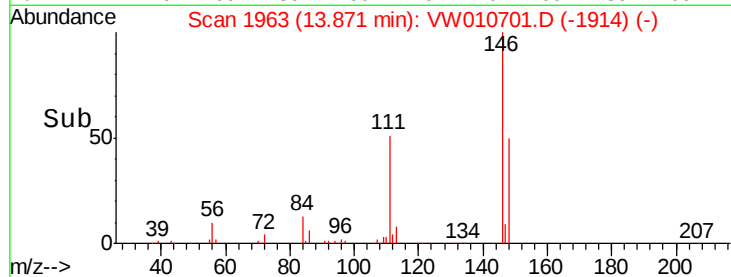
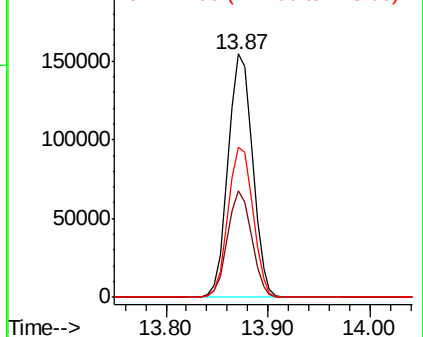


Abundance

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: 48.396 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010701.D

Acq: 06 Jun 2019 10:55

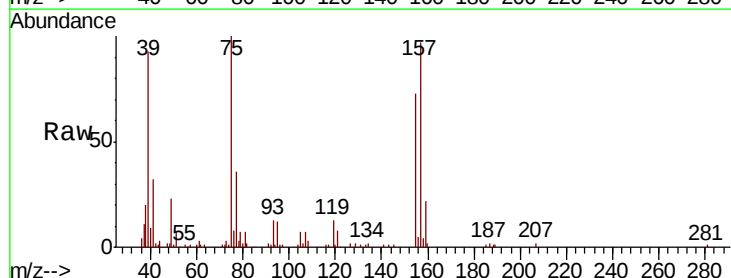
Tgt Ion: 75 Resp: 20177

Ion Ratio Lower Upper

75 100

155 75.7 38.8 116.4

157 97.5 48.4 145.0

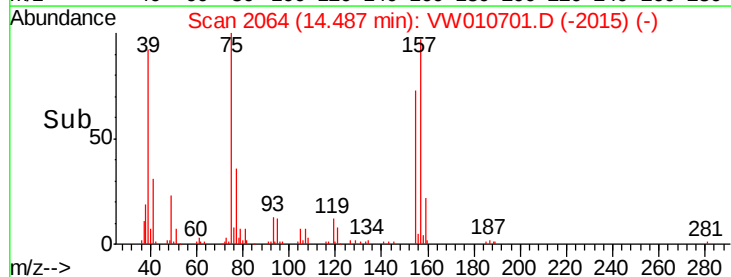
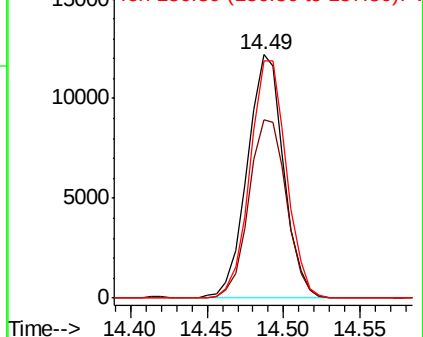


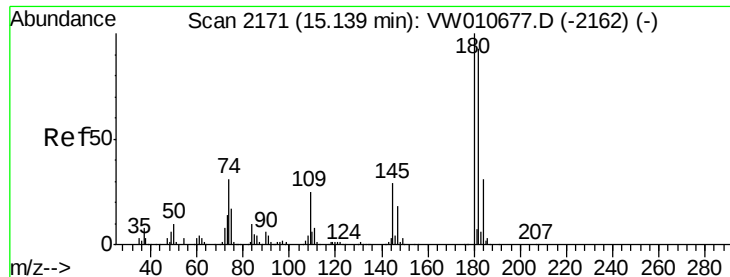
Abundance

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

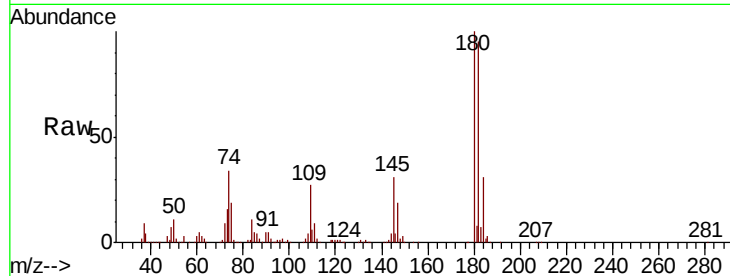




#93
 1,2,4-Trichlorobenzene
 Concen: 56.121 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010701.D
 Acq: 06 Jun 2019 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.4
145	31.0	15.2	45.5

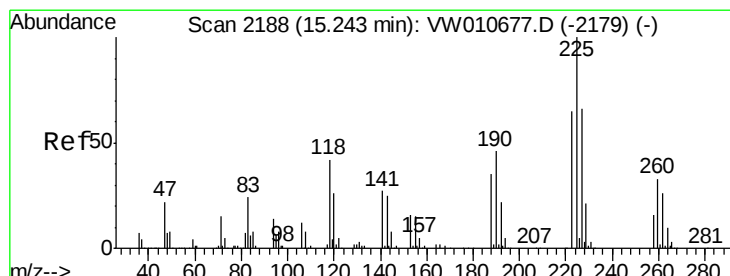
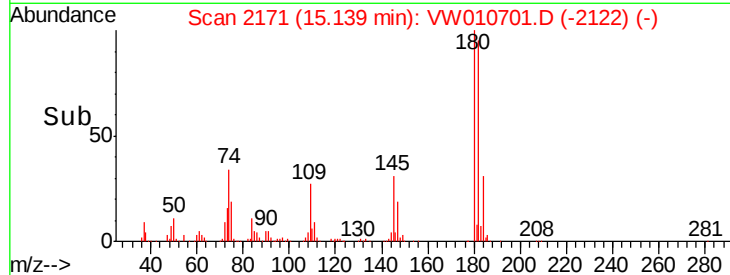
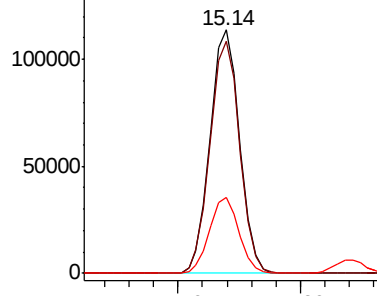


Abundance

Ion 179.80 (179.50 to 180.50): V

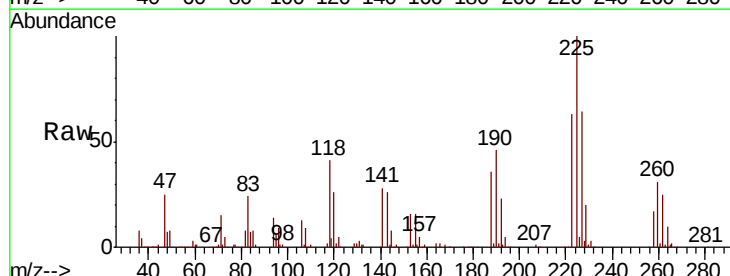
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 58.014 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010701.D
 Acq: 06 Jun 2019 10:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.2	96.6
227	63.9	32.0	96.0

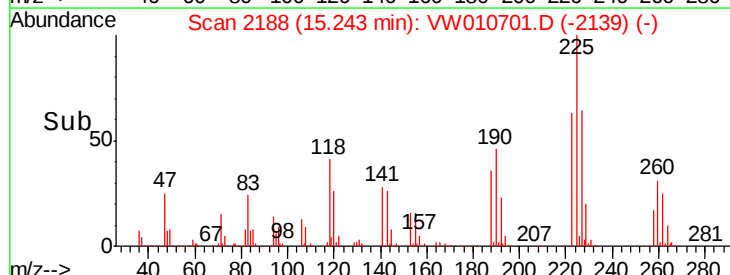
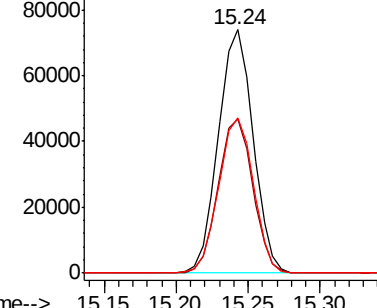


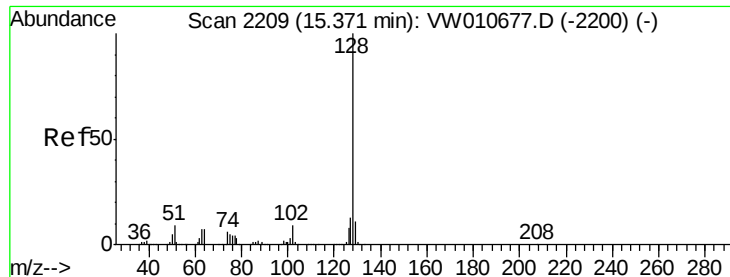
Abundance

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

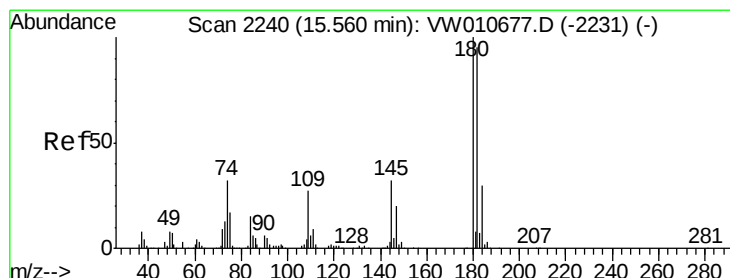
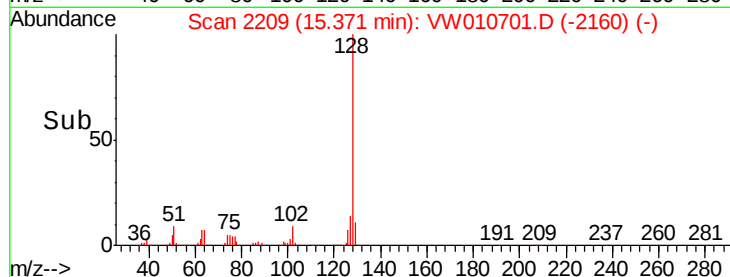
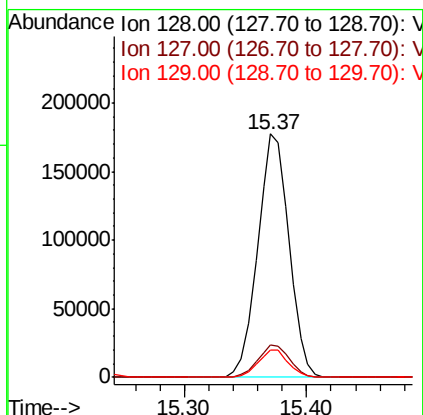
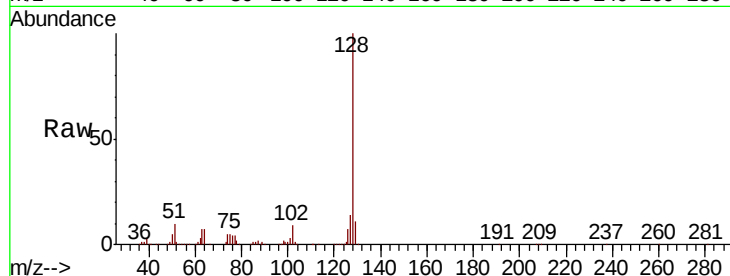




#95
Naphthalene
Concen: 51.397 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 316371
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.791 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010701.D
Acq: 06 Jun 2019 10:55

Tgt Ion:180 Resp: 160748
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 31.9 16.1 48.3

