

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
 Data File : VW010351.D
 Acq On : 10 May 2019 12:34
 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: May 10 23:15:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1438234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2312010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2070752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1022910	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	746960	48.85	ug/l	0.00
Spiked Amount						
			Recovery	=	97.70%	
35) Dibromofluoromethane	7.88	113	658837	48.70	ug/l	0.00
Spiked Amount						
			Recovery	=	97.40%	
50) Toluene-d8	10.32	98	2687188	48.78	ug/l	0.00
Spiked Amount						
			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.62	95	974493	50.25	ug/l	0.00
Spiked Amount						
			Recovery	=	100.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	519838	47.142	ug/l	99
3) Chloromethane	2.21	50	695724	47.256	ug/l	98
4) Vinyl Chloride	2.37	62	872587	47.691	ug/l	97
5) Bromomethane	2.78	94	500649	47.450	ug/l	99
6) Chloroethane	2.92	64	524158	49.537	ug/l	97
7) Trichlorofluoromethane	3.25	101	393212	42.929	ug/l	96
8) Diethyl Ether	3.67	74	407640	50.624	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	725103	48.313	ug/l	98
10) Methyl Iodide	4.26	142	1038081	48.842	ug/l	94
11) Tert butyl alcohol	5.18	59	210800	195.217	ug/l	99
12) 1,1-Dichloroethene	4.04	96	765628	48.819	ug/l	91
13) Acrolein	3.89	56	347150	243.502	ug/l	98
14) Allyl chloride	4.65	41	1172716	50.094	ug/l	92
15) Acrylonitrile	5.36	53	913588	204.699	ug/l	99
16) Acetone	4.12	43	895872	224.750	ug/l	94
17) Carbon Disulfide	4.37	76	2247456	47.382	ug/l	99
18) Methyl Acetate	4.67	43	399956	40.509	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	940155	50.358	ug/l	99
20) Methylene Chloride	4.91	84	800964	48.176	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	831971	49.283	ug/l	96
22) Diisopropyl ether	6.31	45	2451774	53.964	ug/l	95
23) Vinyl Acetate	6.25	43	7963982	255.280	ug/l	96
24) 1,1-Dichloroethane	6.21	63	1535761	50.206	ug/l	99
25) 2-Butanone	7.17	43	1289205	211.417	ug/l	96
26) 2,2-Dichloropropane	7.16	77	782155	51.392	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	890265	51.280	ug/l	96
28) Bromochloromethane	7.51	49	568406	50.402	ug/l	98
29) Tetrahydrofuran	7.53	42	817139	207.176	ug/l	96
30) Chloroform	7.67	83	1454140	50.796	ug/l	98
31) Cyclohexane	7.95	56	1484843	47.408	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	1094583	49.363	ug/l	98
36) 1,1-Dichloropropene	8.08	75	1231029	49.107	ug/l	99
37) Ethyl Acetate	7.25	43	563845	42.244	ug/l	97
38) Carbon Tetrachloride	8.06	117	1051118	48.914	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1534082	50.025	ug/l	96
40) Benzene	8.32	78	3381353	49.252	ug/l	100
41) Methacrylonitrile	7.48	41	331669	44.309	ug/l	96
42) 1,2-Dichloroethane	8.40	62	982307	49.987	ug/l	97
43) Isopropyl Acetate	8.43	43	1017419	45.962	ug/l	97
44) Trichloroethene	9.09	130	841401	48.954	ug/l	96
45) 1,2-Dichloropropane	9.37	63	863372	50.592	ug/l	97
46) Dibromomethane	9.46	93	418085	47.423	ug/l	98
47) Bromodichloromethane	9.64	83	1072451	50.712	ug/l	99
48) Methyl methacrylate	9.43	41	494283	47.225	ug/l	87
49) 1,4-Dioxane	9.45	88	121892	792.819	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	2783337	219.280	ug/l	93
52) Toluene	10.38	92	2111136	50.310	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	1111631	51.894	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	1324233	52.199	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	599903	47.909	ug/l	98
56) Ethyl methacrylate	10.65	69	846426	51.188	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	1097339	49.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	2084004	263.233	ug/l	100
59) 2-Hexanone	10.97	43	2009126	223.872	ug/l	93
60) Dibromochloromethane	11.13	129	679329	50.417	ug/l	99
61) 1,2-Dibromoethane	11.23	107	576337	47.946	ug/l	98
64) Tetrachloroethene	10.86	164	690178	47.687	ug/l	98
65) Chlorobenzene	11.66	112	2142234	49.976	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	738631	50.982	ug/l	98
67) Ethyl Benzene	11.73	91	4070491	51.619	ug/l	98
68) m/p-Xylenes	11.84	106	3030011	103.418	ug/l	99
69) o-Xylene	12.16	106	1390570	52.467	ug/l	99
70) Styrene	12.18	104	2465329	53.384	ug/l	98
71) Bromoform	12.35	173	386363	46.651	ug/l	98
73) Isopropylbenzene	12.47	105	3906601	52.395	ug/l	99
74) N-amyl acetate	12.27	43	969161	50.313	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	732672	44.598	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	953898	79.983	ug/l #	100
77) Bromobenzene	12.75	156	860756	51.128	ug/l	100
78) n-propylbenzene	12.80	91	4803692	52.164	ug/l	100
79) 2-Chlorotoluene	12.90	91	2699898	51.483	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3296321	52.441	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	241452	45.720	ug/l	93
82) 4-Chlorotoluene	12.99	91	2828243	51.472	ug/l	99
83) tert-Butylbenzene	13.21	119	2754840	52.544	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	3304136	52.898	ug/l	100
85) sec-Butylbenzene	13.38	105	4045890	52.274	ug/l	100
86) p-Isopropyltoluene	13.50	119	3645513	53.049	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1703819	50.683	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1677548	50.284	ug/l	99
89) n-Butylbenzene	13.83	91	3656035	53.059	ug/l	98
90) Hexachloroethane	14.10	117	636377	49.928	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	1496047	50.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	122014	41.244	ug/l	95

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QLast Update : Fri May 10 03:41:21 2019
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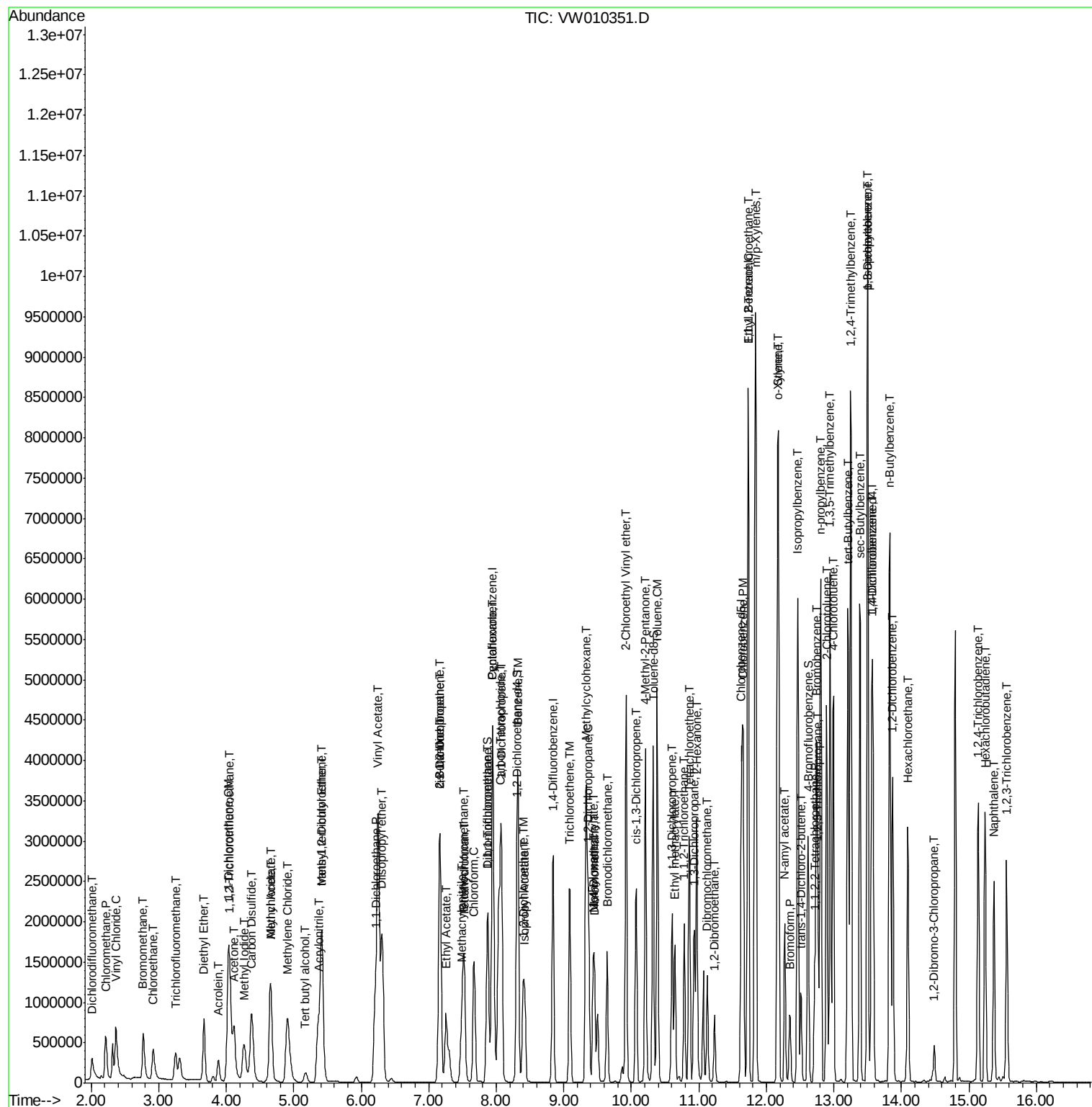
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1099857	54.154	ug/l	100
94) Hexachlorobutadiene	15.24	225	667579	51.273	ug/l	99
95) Naphthalene	15.37	128	2072731	45.056	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	962581	52.463	ug/l	100

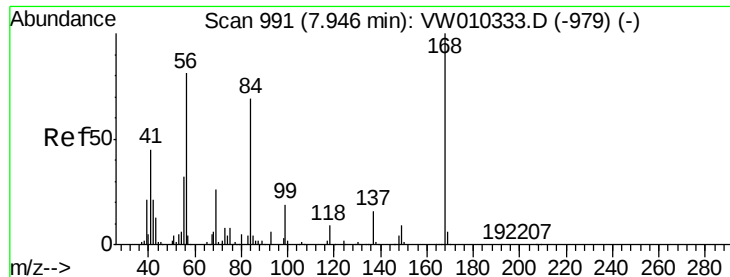
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

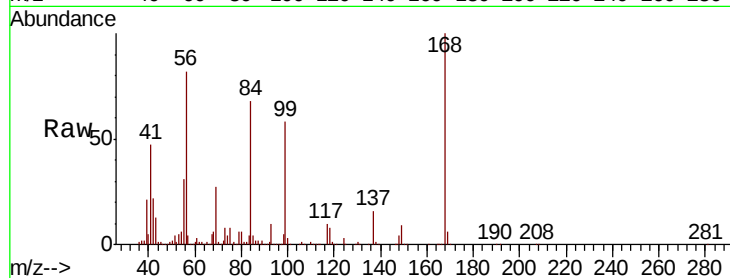
VSTDCCC050

Tgt Ion:168 Resp: 1438234

Ion Ratio Lower Upper

168 100

99 58.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

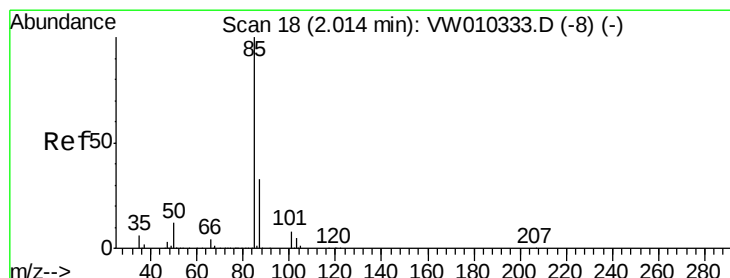
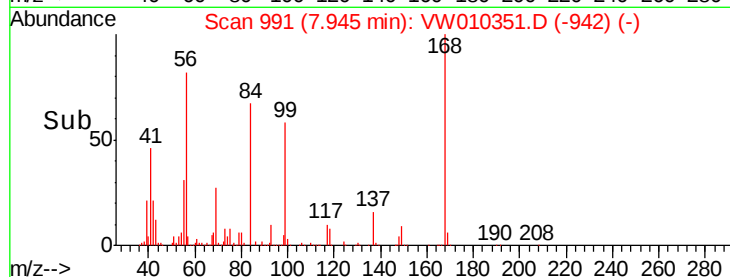
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400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.142 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010351.D

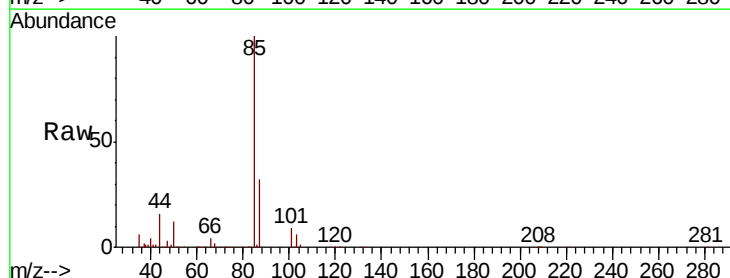
Acq: 10 May 2019 12:34

Tgt Ion: 85 Resp: 519838

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

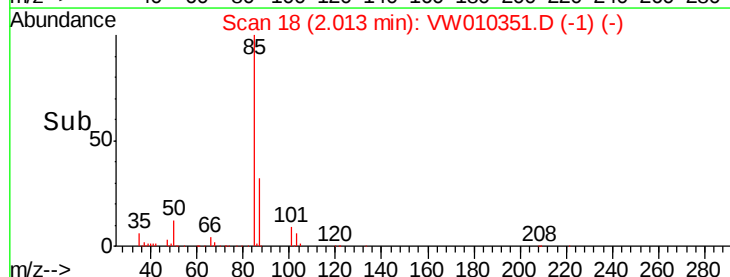
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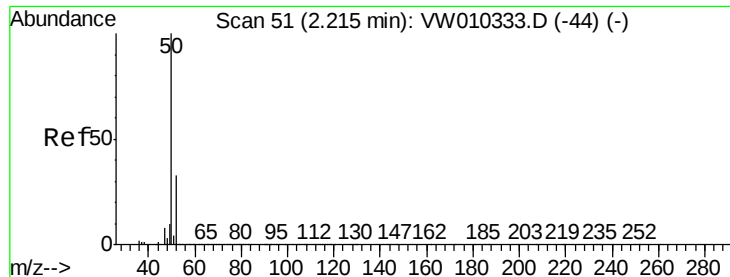
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50000

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Time-->

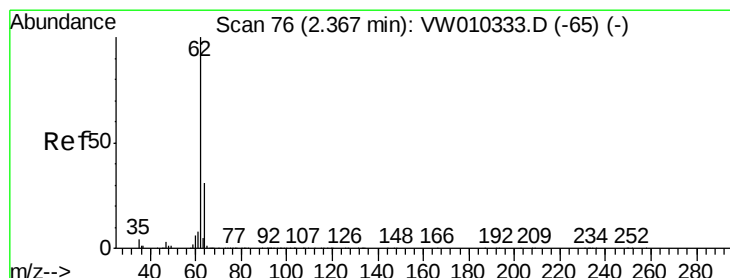
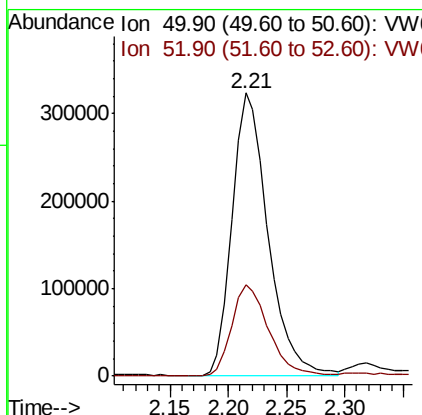
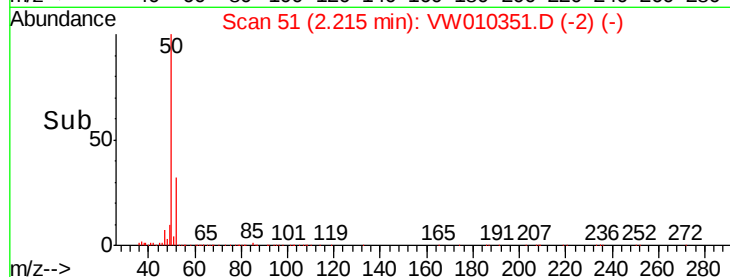
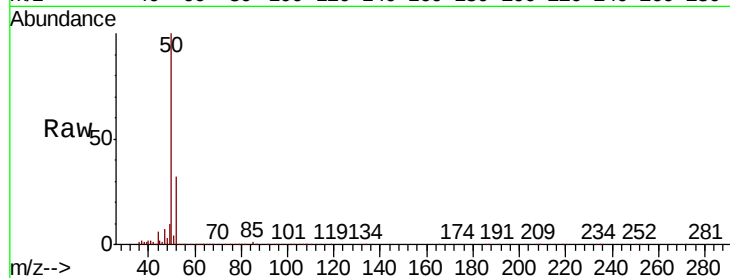




#3
Chloromethane
Concen: 47.256 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

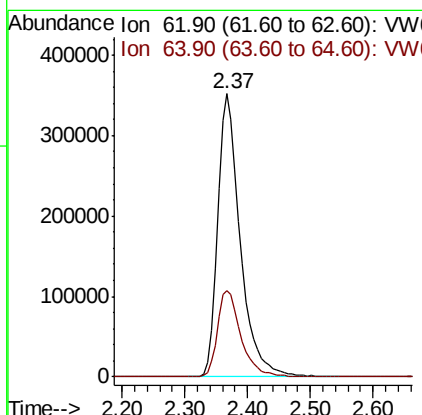
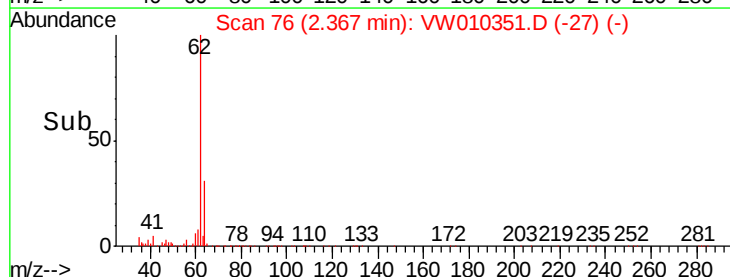
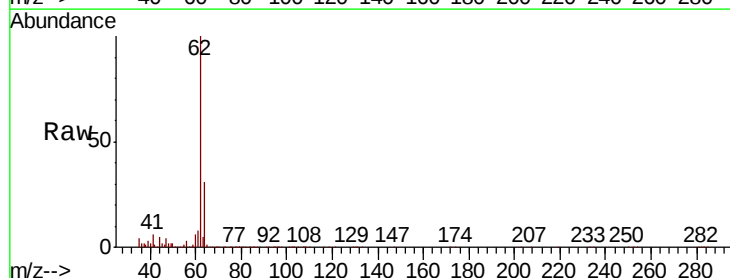
Instrument :
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ClientSampleId :
VSTDCCC050

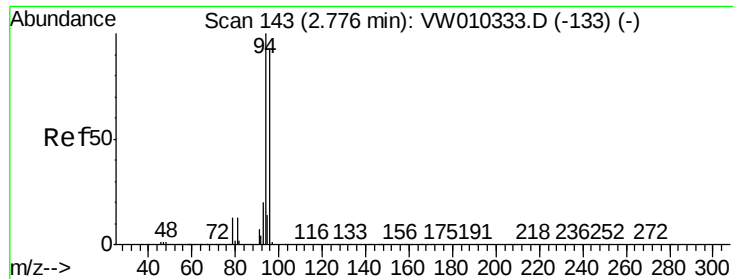
Tgt Ion: 50 Resp: 695724
Ion Ratio Lower Upper
50 100
52 32.5 25.0 37.6



#4
Vinyl Chloride
Concen: 47.691 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion: 62 Resp: 872587
Ion Ratio Lower Upper
62 100
64 30.5 25.9 38.9





#5

Bromomethane

Concen: 47.450 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

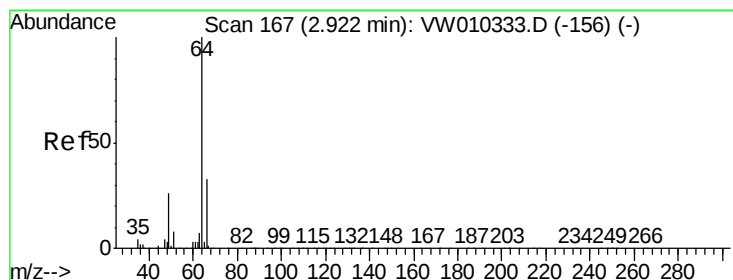
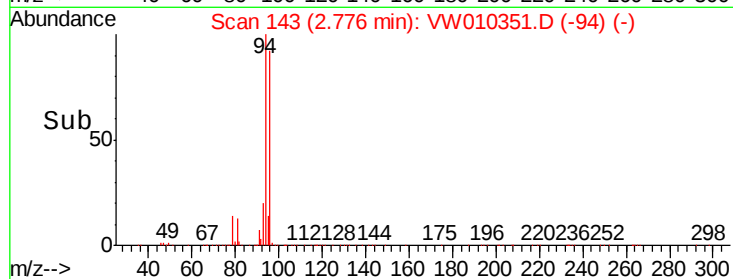
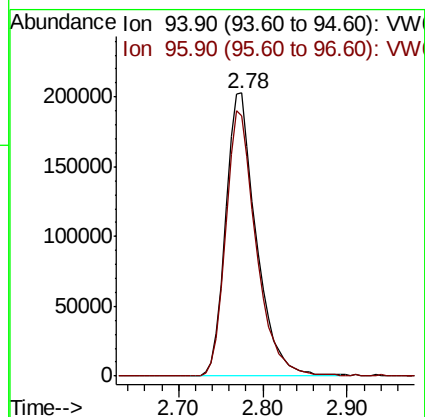
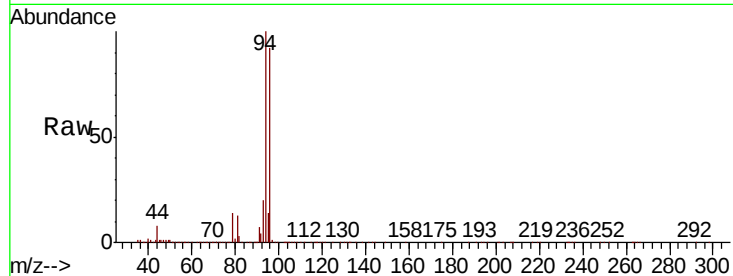
VSTDCCC050

Tgt Ion: 94 Resp: 500649

Ion Ratio Lower Upper

94 100

96 92.2 74.2 111.2



#6

Chloroethane

Concen: 49.537 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010351.D

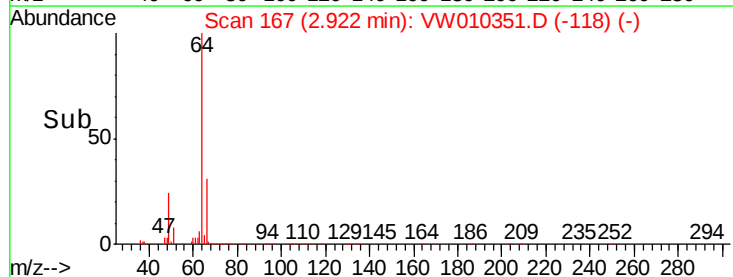
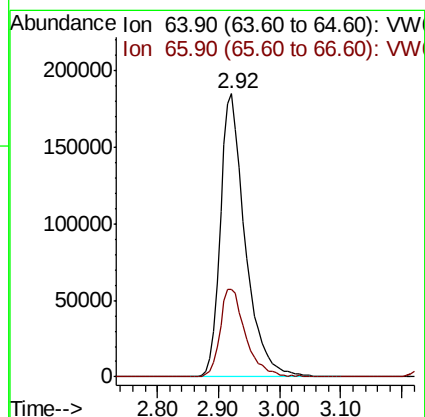
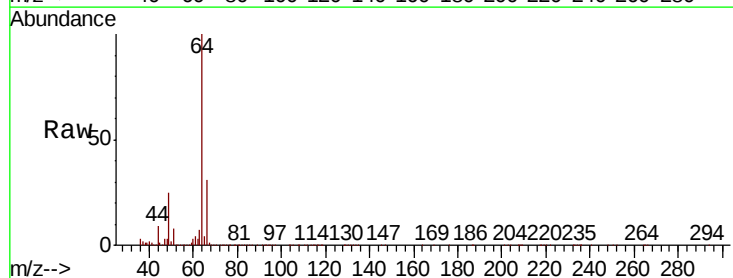
Acq: 10 May 2019 12:34

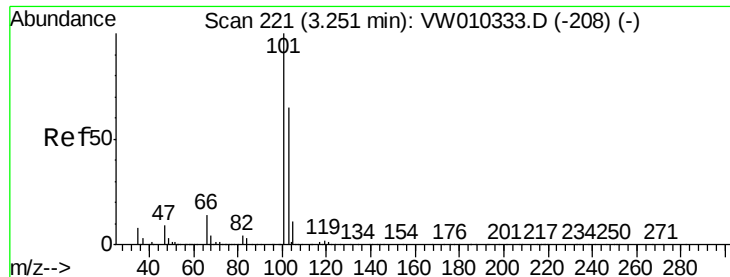
Tgt Ion: 64 Resp: 524158

Ion Ratio Lower Upper

64 100

66 31.0 23.4 35.0



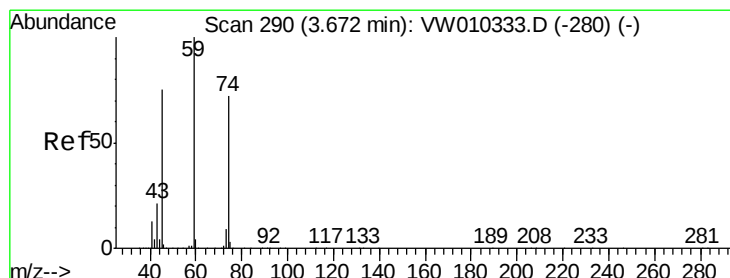
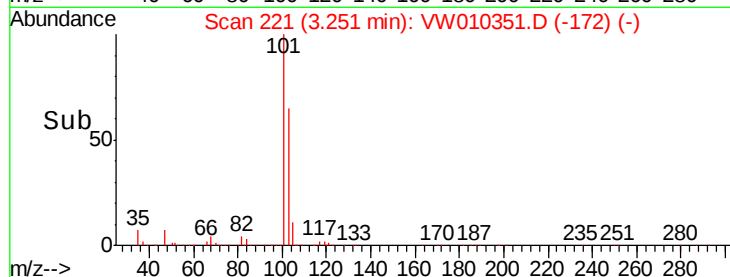
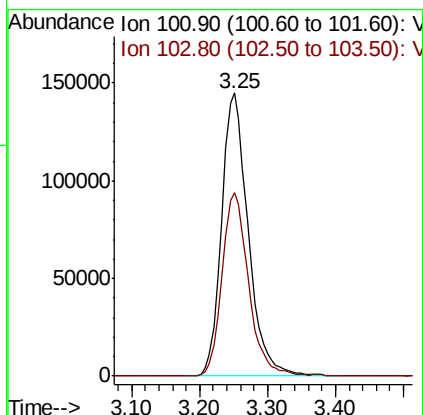
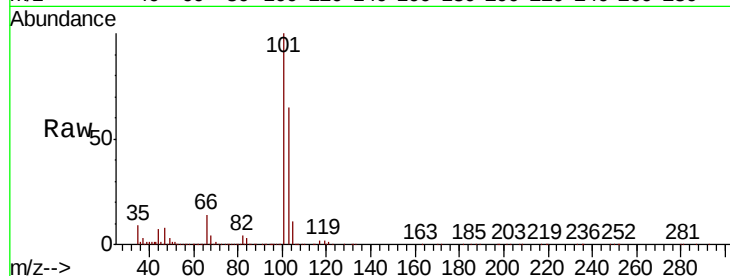


#7

Trichlorofluoromethane
Concen: 42.929 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010351.D
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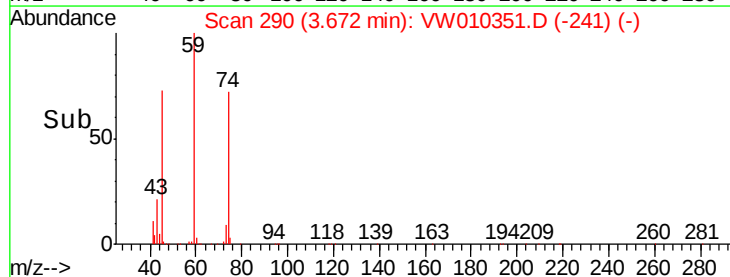
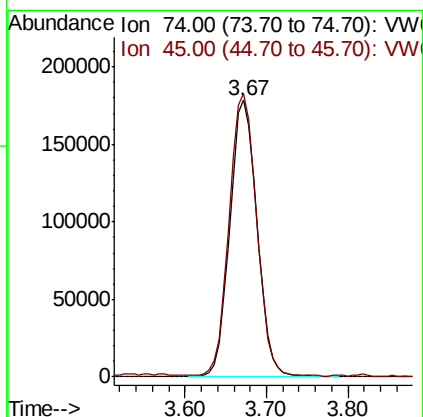
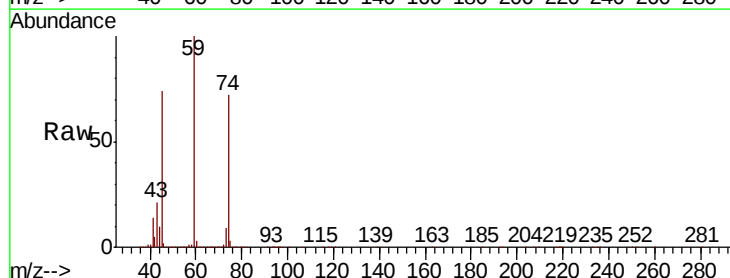
Tgt Ion: 101 Resp: 393212
Ion Ratio Lower Upper
101 100
103 65.0 49.8 74.6

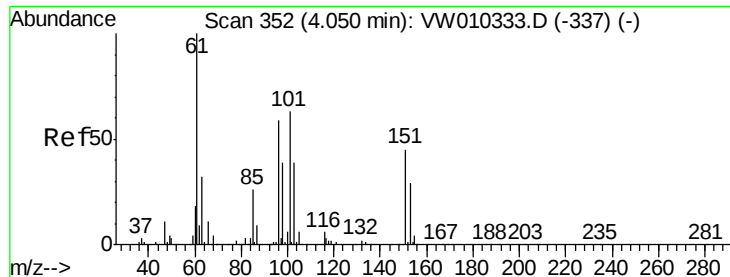


#8

Diethyl Ether
Concen: 50.624 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion: 74 Resp: 407640
Ion Ratio Lower Upper
74 100
45 102.4 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.313 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

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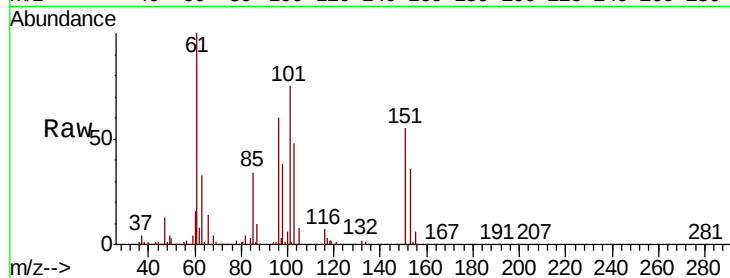
Tgt Ion:101 Resp: 725103

Ion Ratio Lower Upper

101 100

85 44.5 36.3 54.5

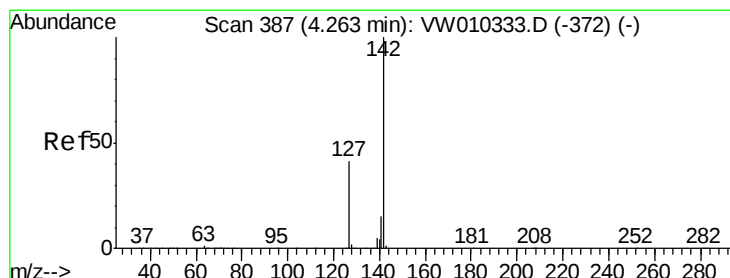
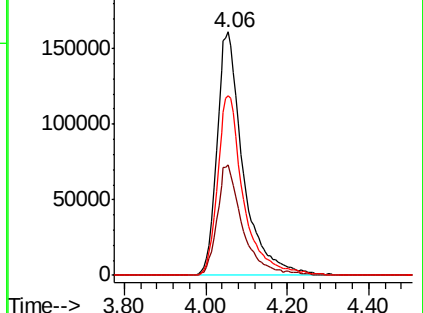
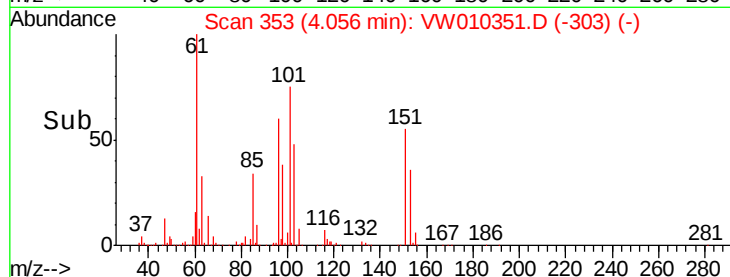
151 73.1 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.842 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

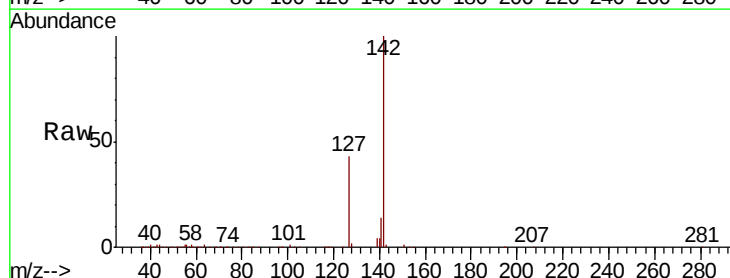
Tgt Ion:142 Resp: 1038081

Ion Ratio Lower Upper

142 100

127 43.0 38.1 57.1

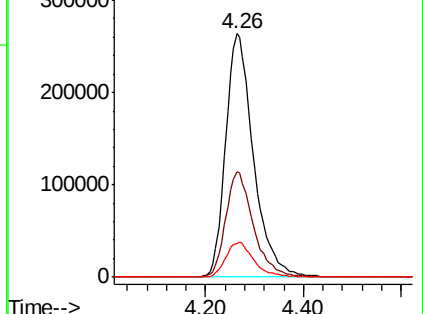
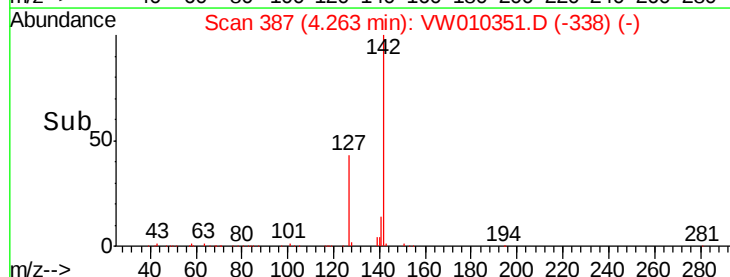
141 14.5 12.2 18.2

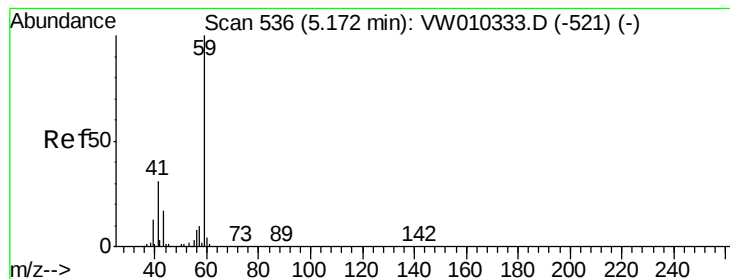


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



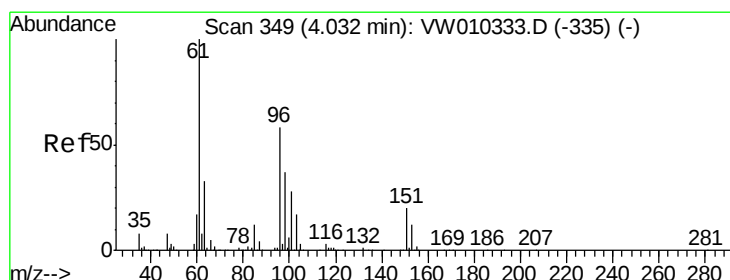
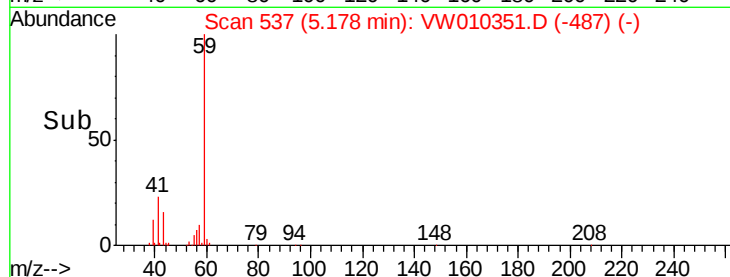
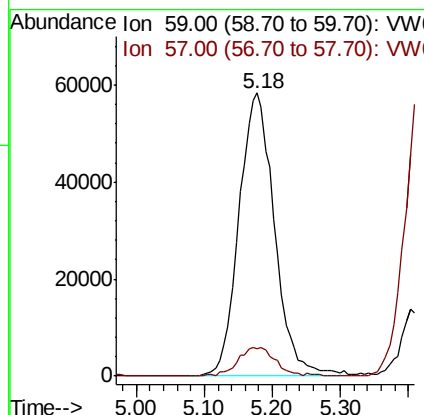
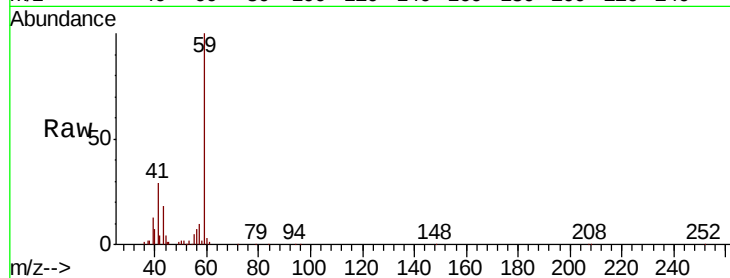


#11

Tert butyl alcohol
 Concen: 195.217 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

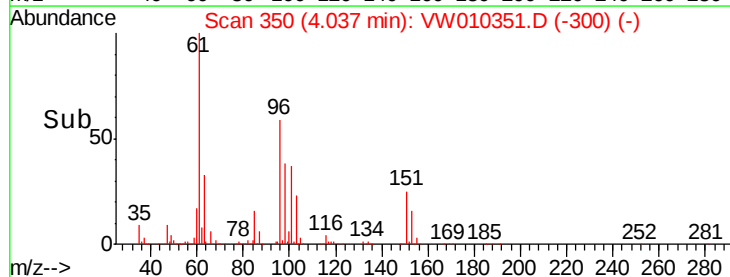
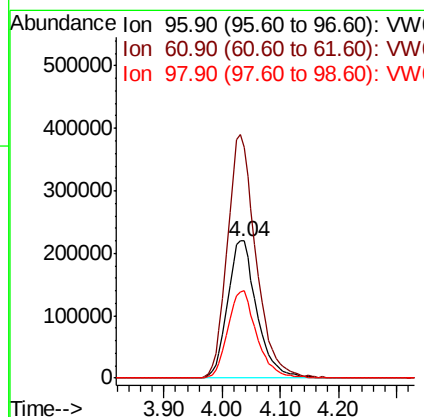
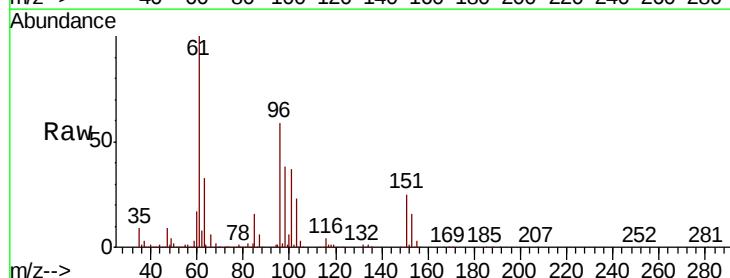
Tgt Ion: 59 Resp: 210800
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.0 13.4

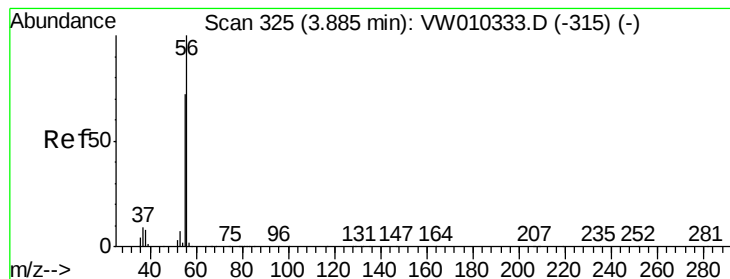


#12

1,1-Dichloroethene
 Concen: 48.819 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion: 96 Resp: 765628
 Ion Ratio Lower Upper
 96 100
 61 168.2 147.4 221.2
 98 63.3 49.7 74.5





#13

Acrolein

Concen: 243.502 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

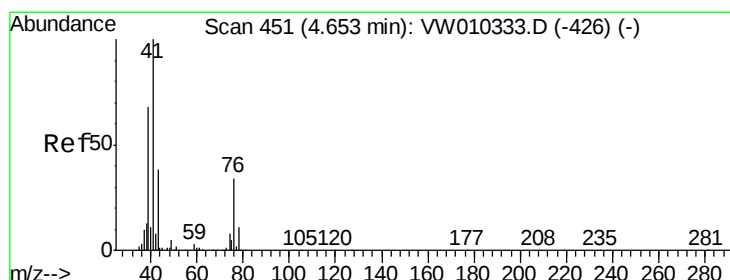
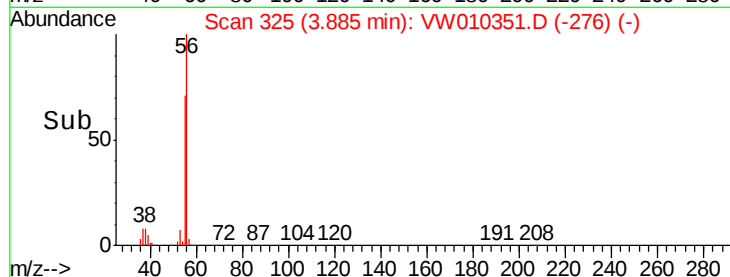
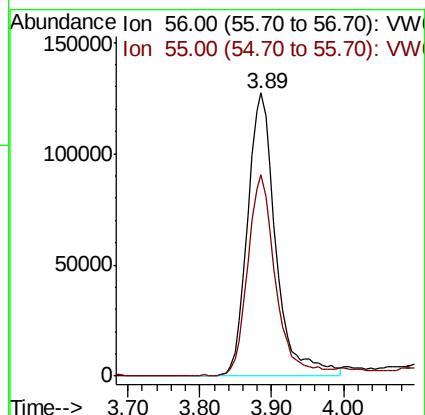
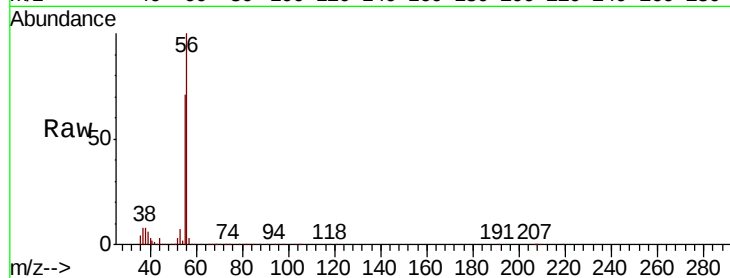
VSTDCCC050

Tgt Ion: 56 Resp: 347150

Ion Ratio Lower Upper

56 100

55 69.4 54.2 81.2



#14

Allyl chloride

Concen: 50.094 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

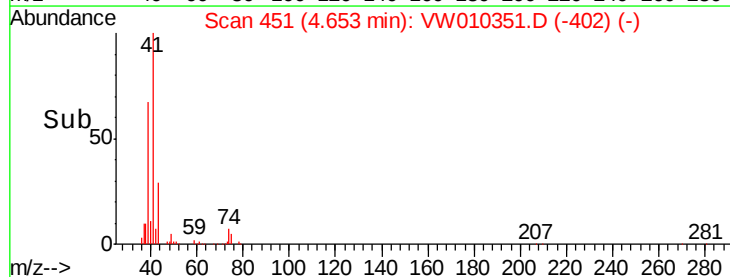
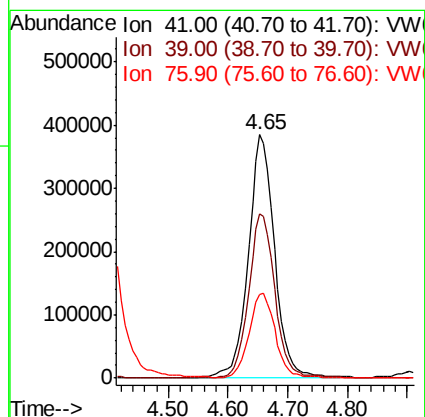
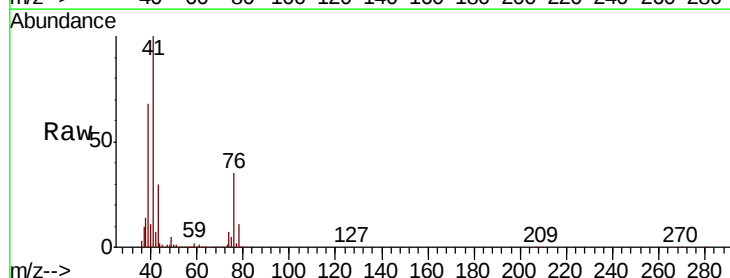
Tgt Ion: 41 Resp: 1172716

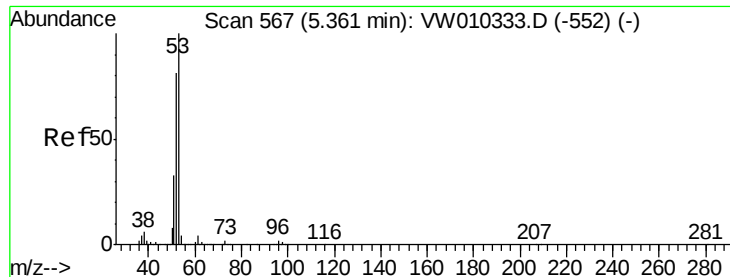
Ion Ratio Lower Upper

41 100

39 67.6 60.2 90.4

76 34.4 25.0 37.6





#15

Acrylonitrile

Concen: 204.699 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

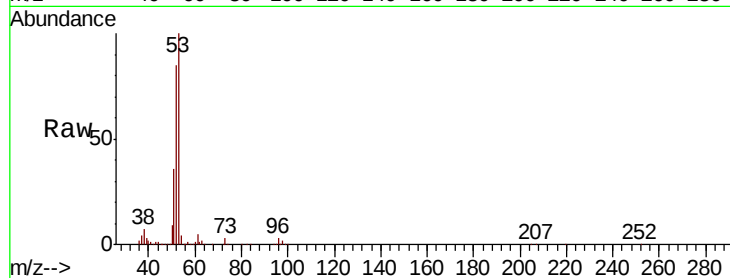
Tgt Ion: 53 Resp: 913588

Ion Ratio Lower Upper

53 100

52 82.9 66.6 100.0

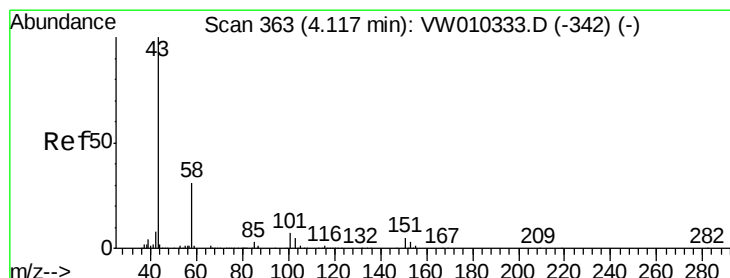
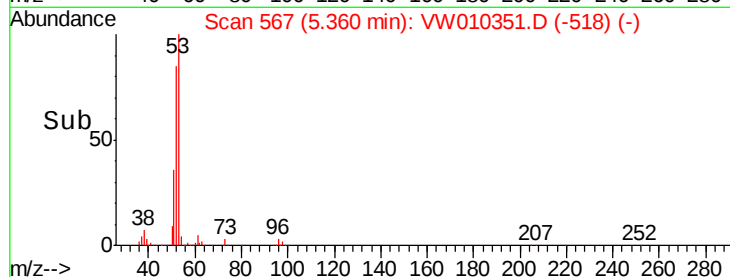
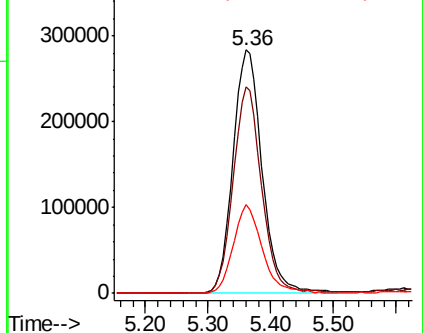
51 36.1 30.3 45.5



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: 224.750 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010351.D

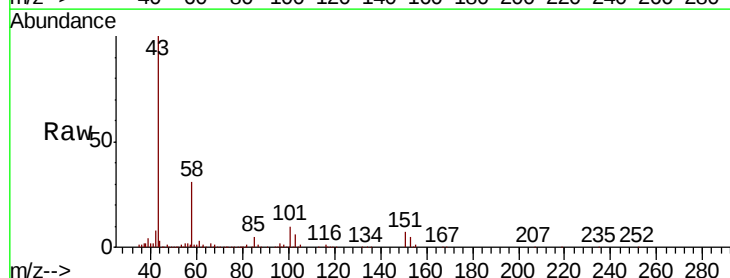
Acq: 10 May 2019 12:34

Tgt Ion: 43 Resp: 895872

Ion Ratio Lower Upper

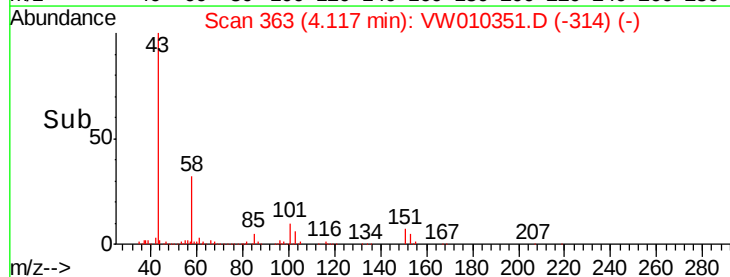
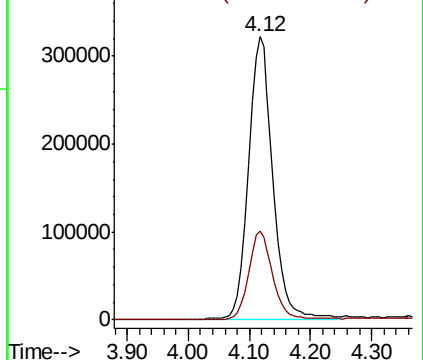
43 100

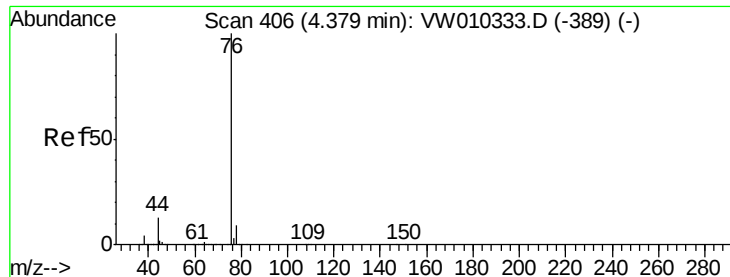
58 31.4 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 47.382 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

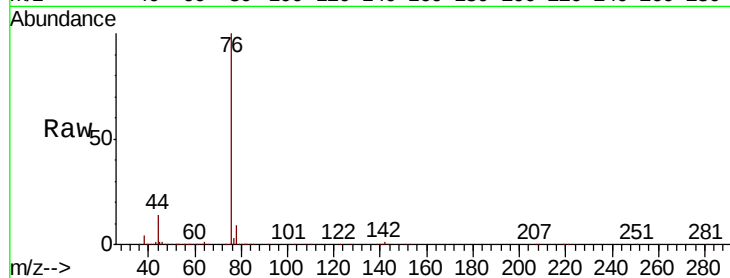
VSTDCCC050

Tgt Ion: 76 Resp: 2247456

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

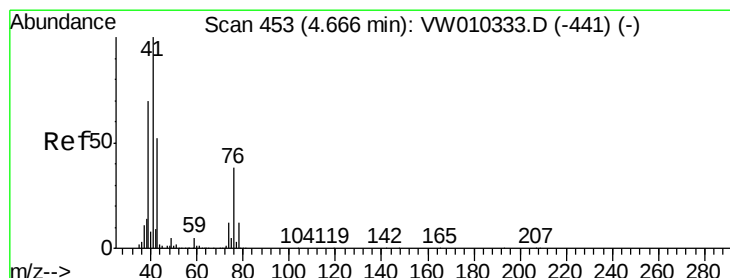
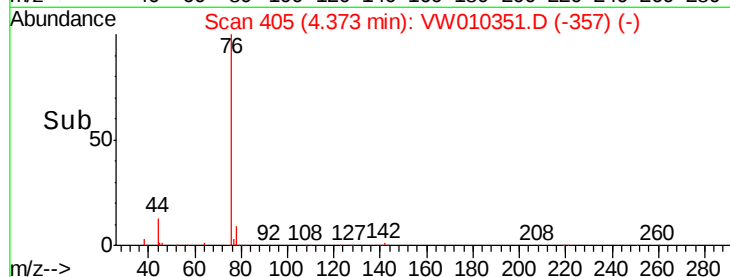
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 40.509 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010351.D

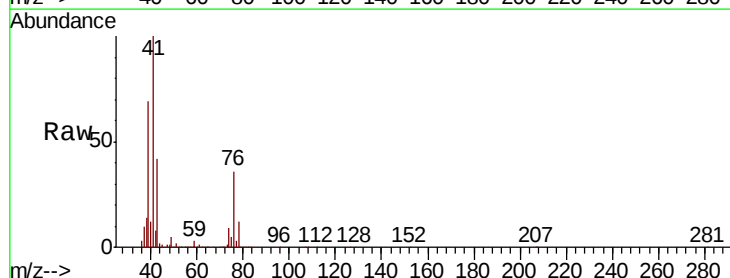
Acq: 10 May 2019 12:34

Tgt Ion: 43 Resp: 399956

Ion Ratio Lower Upper

43 100

74 23.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

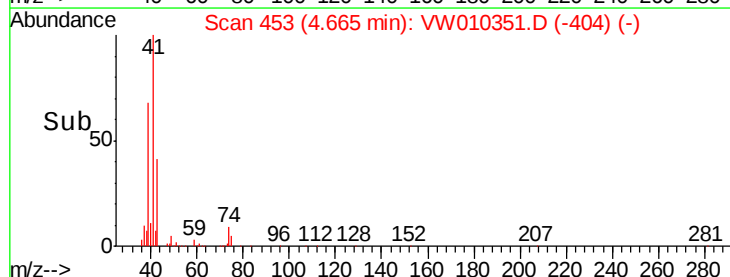
150000

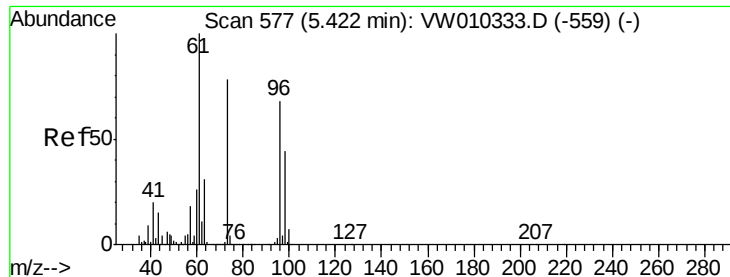
100000

50000

0

Time-->



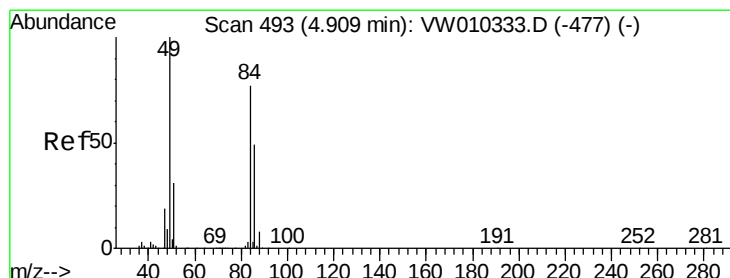
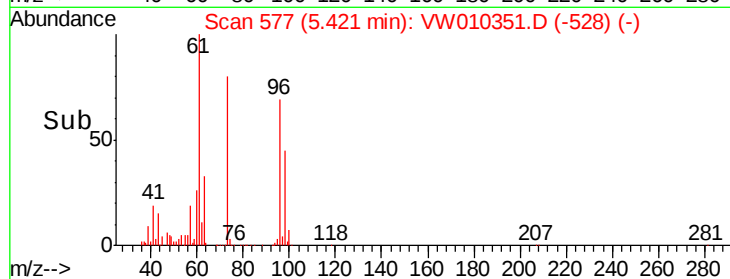
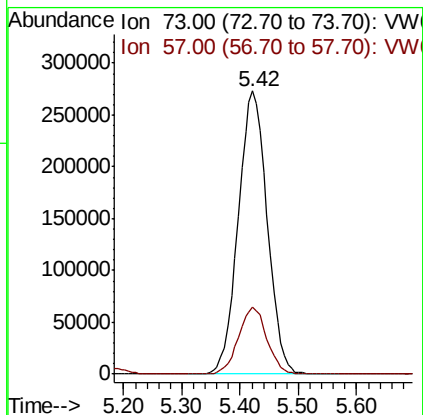
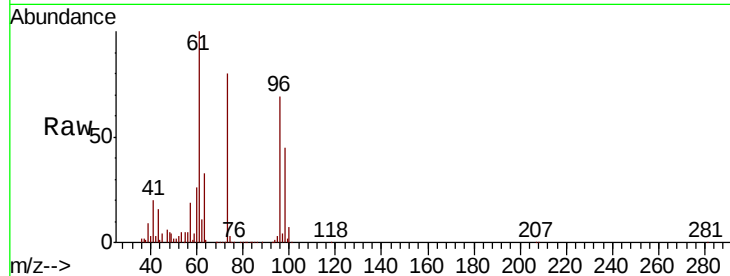


#19

Methyl tert-butyl Ether
 Concen: 50.358 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

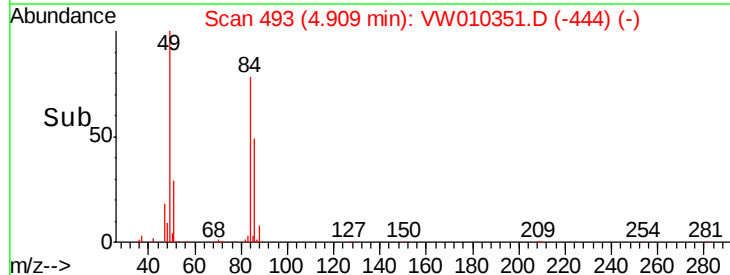
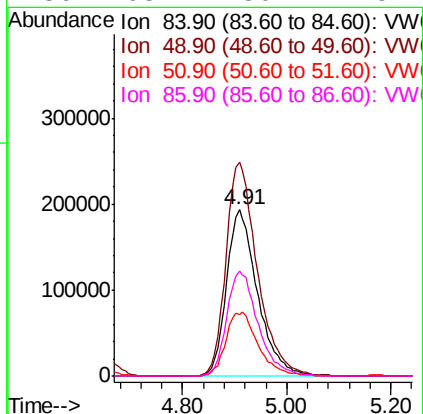
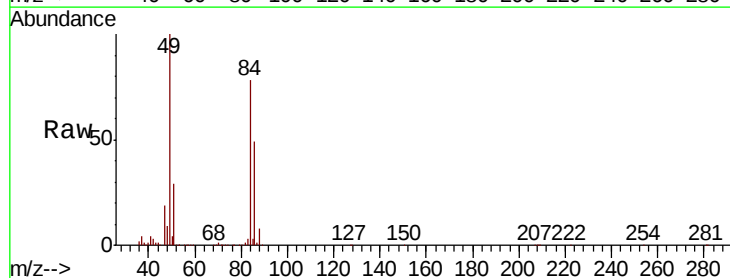
Tgt Ion: 73 Resp: 940155
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.5 27.7

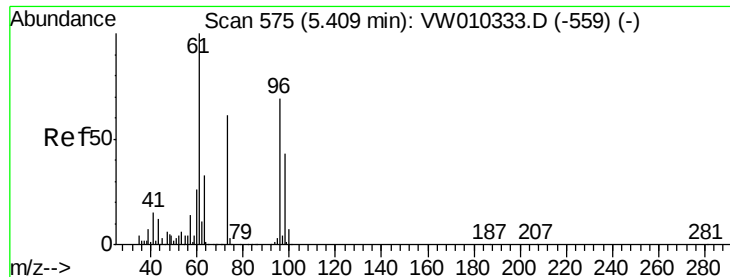


#20

Methylene Chloride
 Concen: 48.176 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion: 84 Resp: 800964
 Ion Ratio Lower Upper
 84 100
 49 128.5 112.3 168.5
 51 36.8 33.9 50.9
 86 63.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 49.283 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.01 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

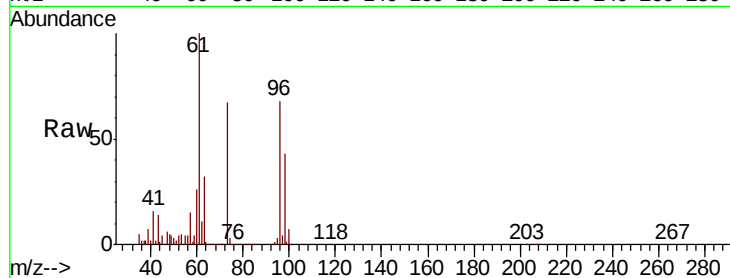
Tgt Ion: 96 Resp: 831971

Ion Ratio Lower Upper

96 100

61 146.3 122.3 183.5

98 62.3 50.5 75.7

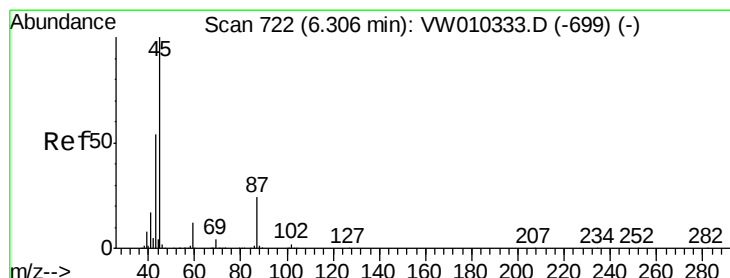
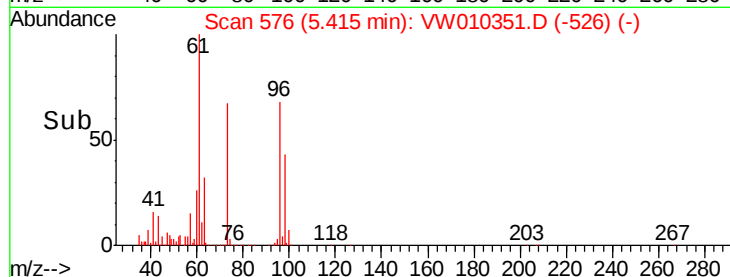
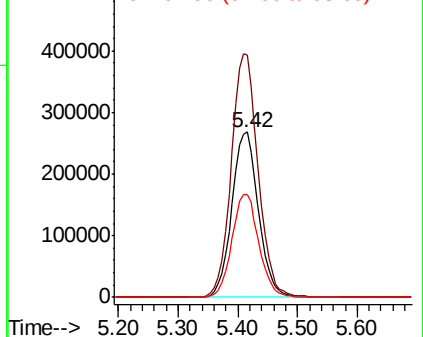


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 53.964 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Tgt Ion: 45 Resp: 2451774

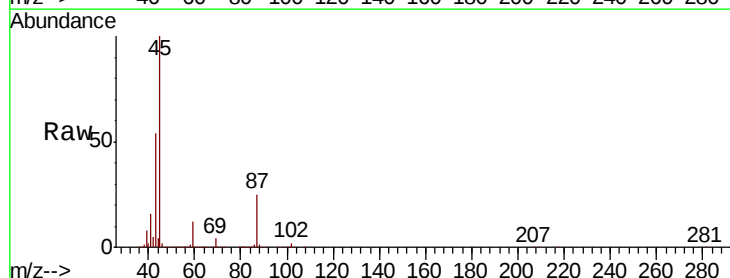
Ion Ratio Lower Upper

45 100

43 53.7 46.1 69.1

87 25.2 18.3 27.5

59 11.5 8.2 12.4



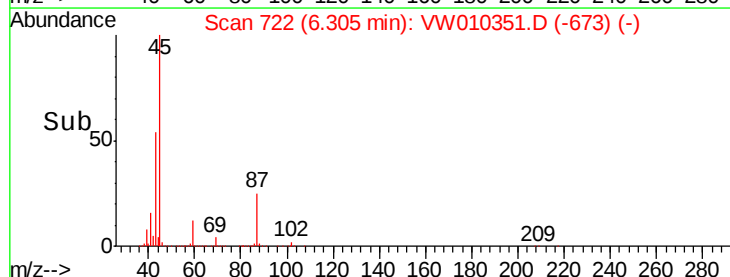
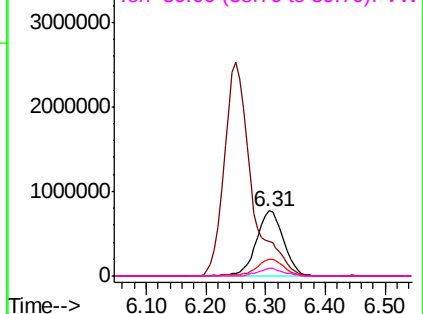
Abundance

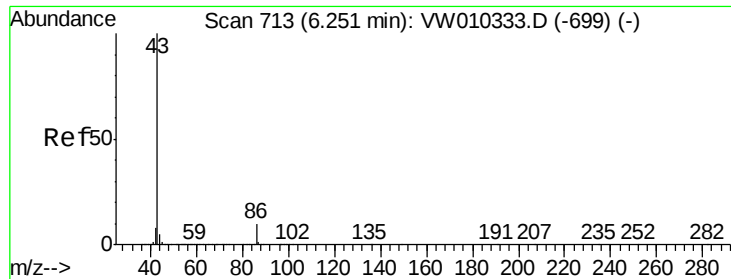
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

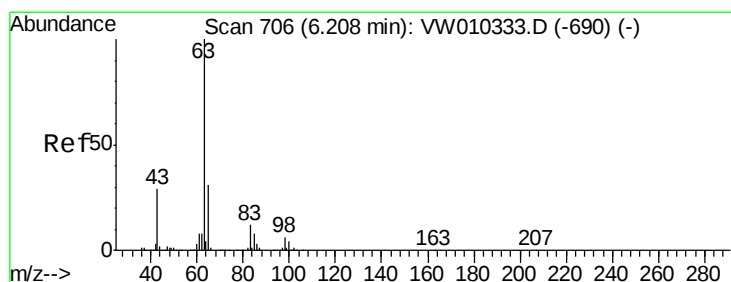
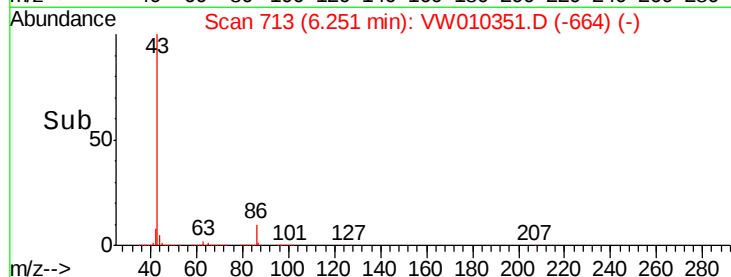
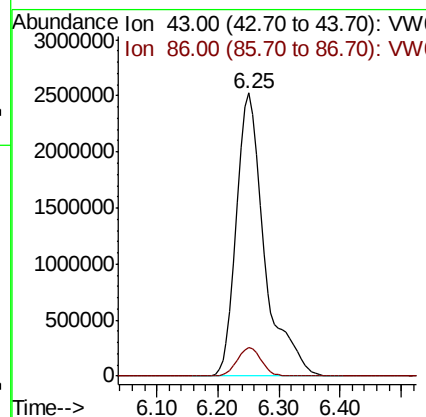
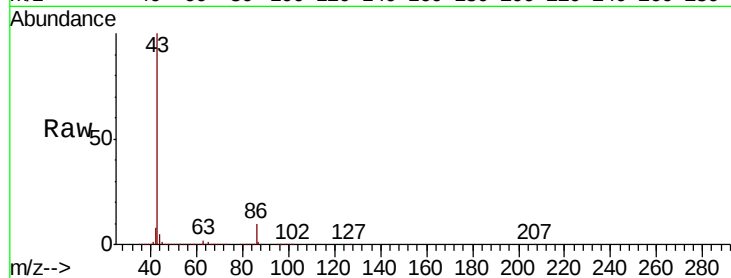




#23
 Vinyl Acetate
 Concen: 255.280 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

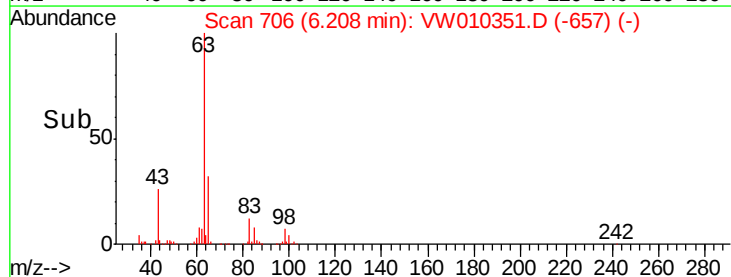
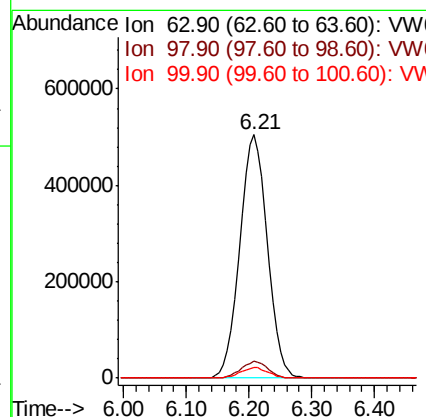
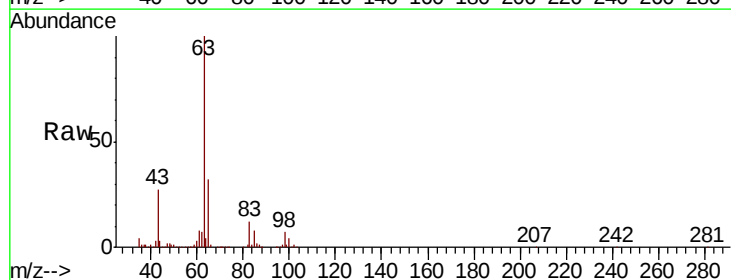
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

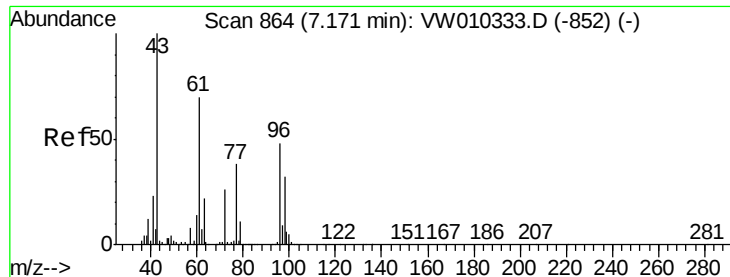
Tgt Ion: 43 Resp: 7963982
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 50.206 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion: 63 Resp: 1535761
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 211.417 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

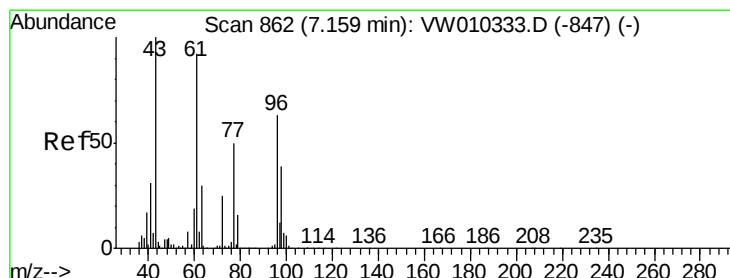
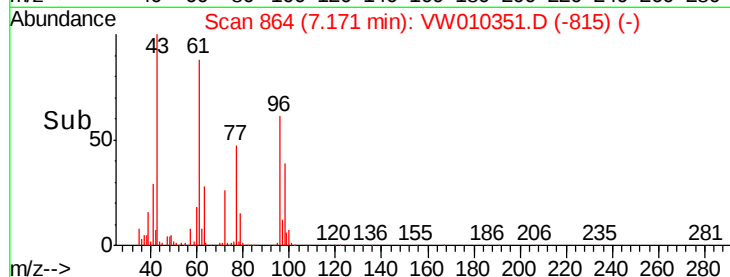
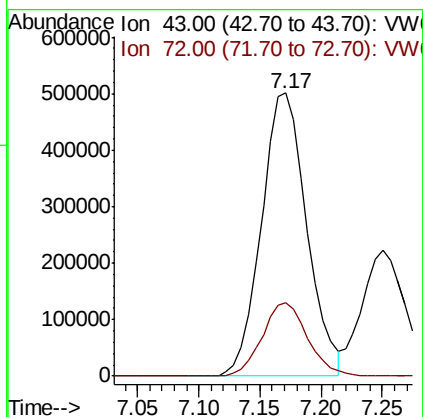
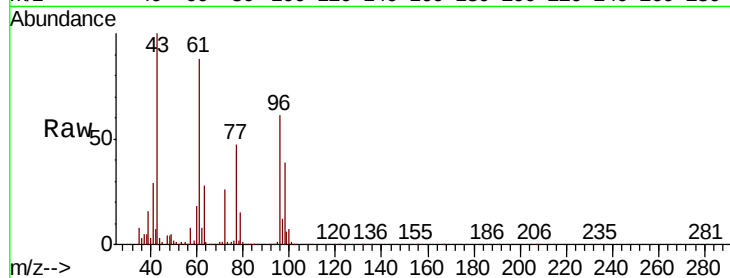
VSTDCCC050

Tgt Ion: 43 Resp: 1289205

Ion Ratio Lower Upper

43 100

72 25.9 19.1 28.7



#26

2,2-Dichloropropane

Concen: 51.392 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW010351.D

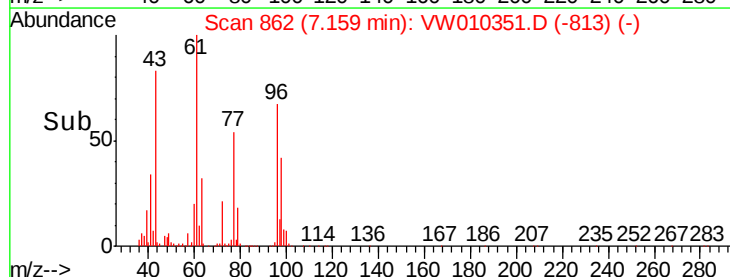
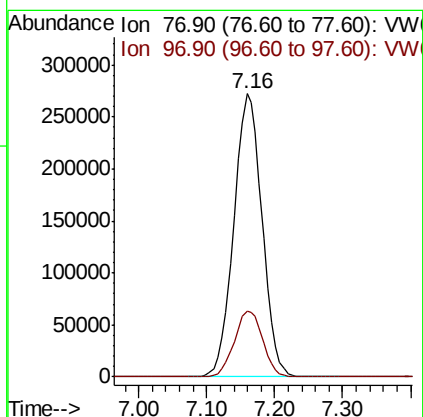
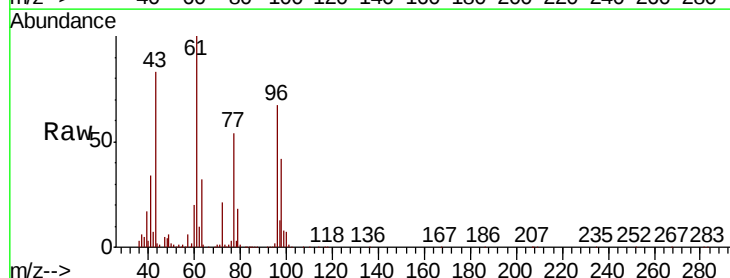
Acq: 10 May 2019 12:34

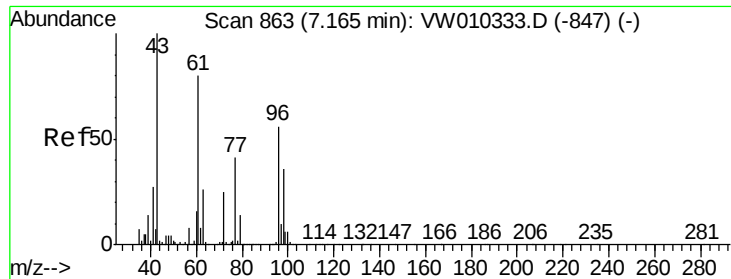
Tgt Ion: 77 Resp: 782155

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9



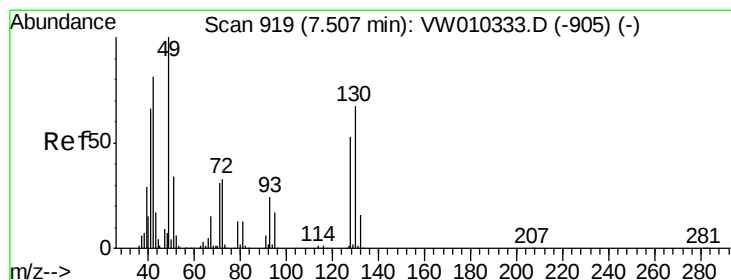
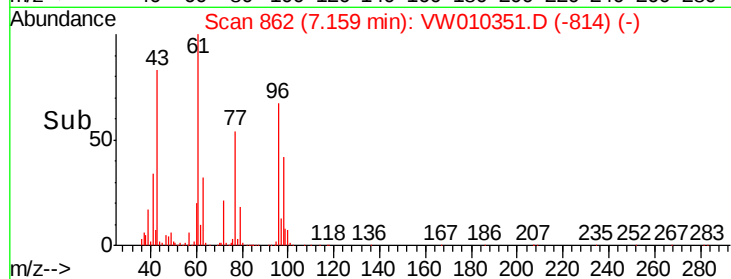
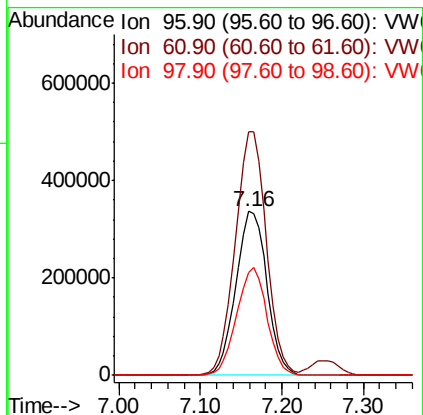
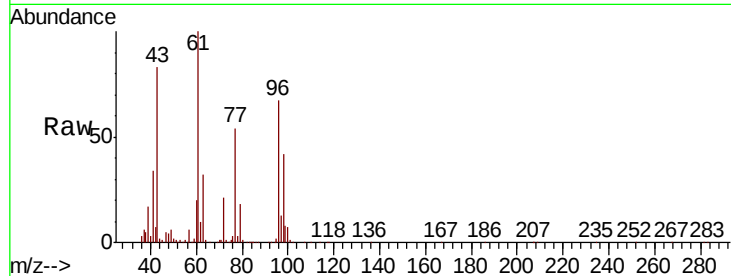


#27

cis-1,2-Dichloroethene
 Concen: 51.280 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

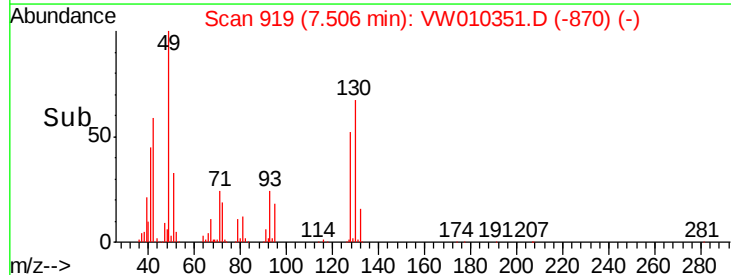
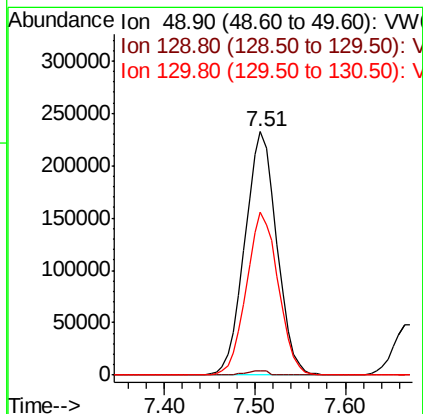
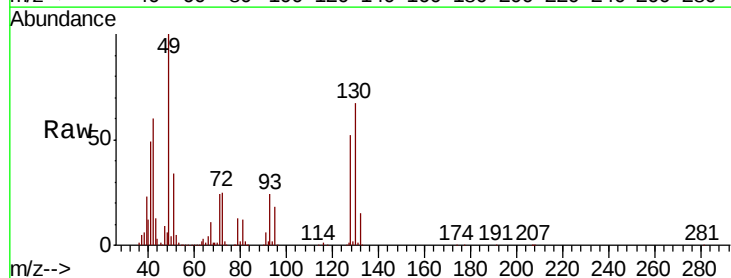
Tgt Ion	Resp	Lower	Upper
96	890265		
96	100		
61	148.2	0.0	309.4
98	64.0	0.0	128.6

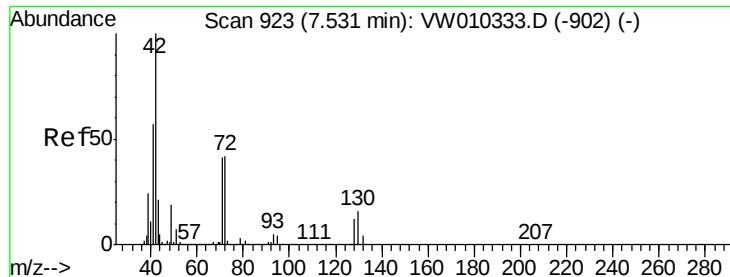


#28

Bromochloromethane
 Concen: 50.402 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion	Resp	Lower	Upper
49	568406		
49	100		
129	1.3	0.0	3.8
130	66.8	54.6	82.0





#29

Tetrahydrofuran

Concen: 207.176 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

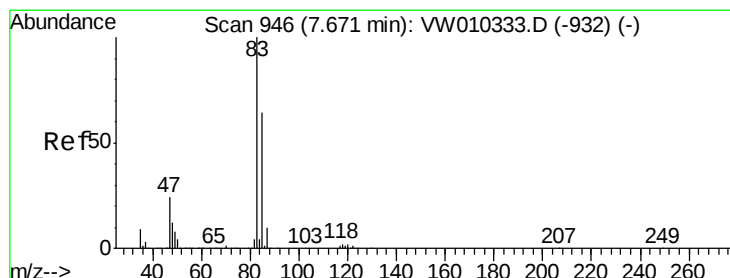
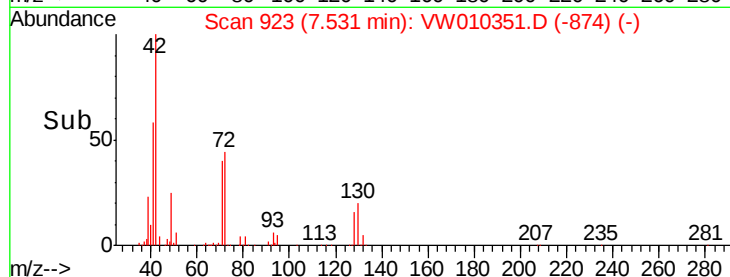
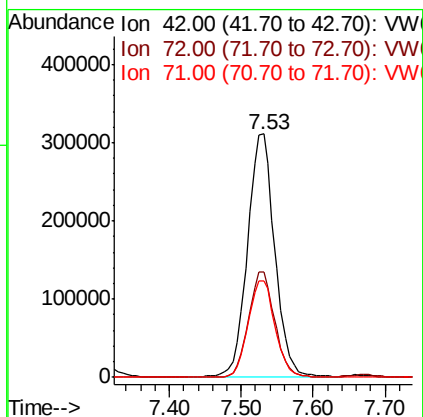
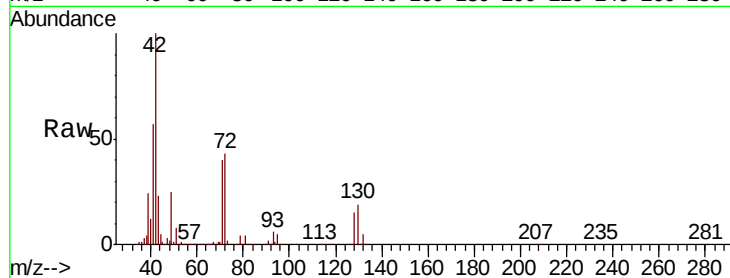
Tgt Ion: 42 Resp: 817139

Ion Ratio Lower Upper

42 100

72 41.8 31.0 46.6

71 39.4 29.7 44.5



#30

Chloroform

Concen: 50.796 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW010351.D

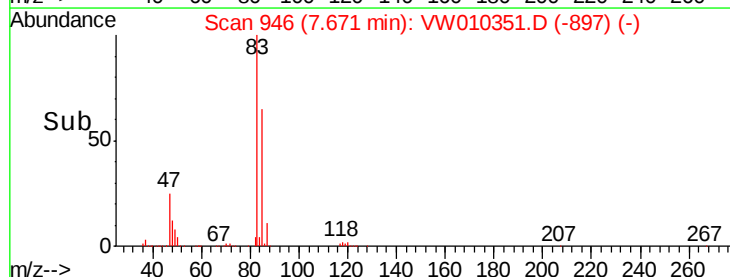
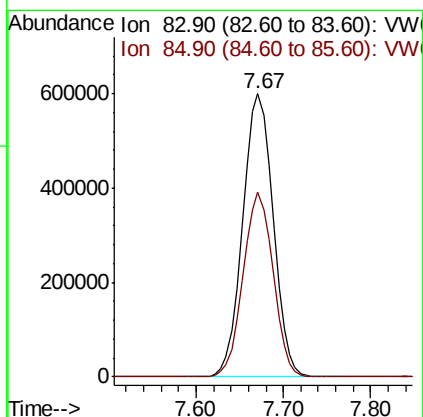
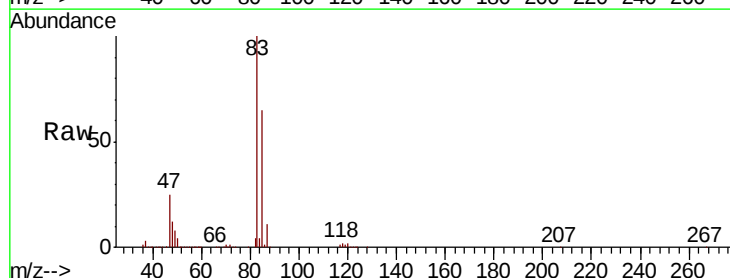
Acq: 10 May 2019 12:34

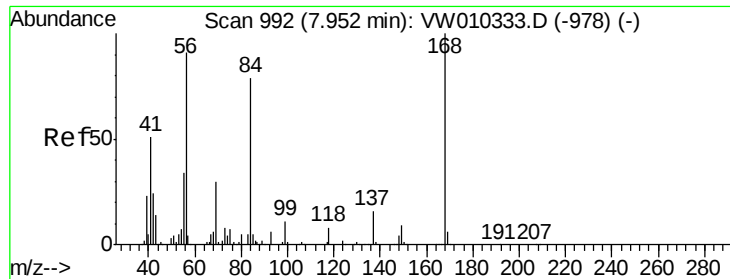
Tgt Ion: 83 Resp: 1454140

Ion Ratio Lower Upper

83 100

85 65.3 50.7 76.1





#31

Cyclohexane

Concen: 47.408 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

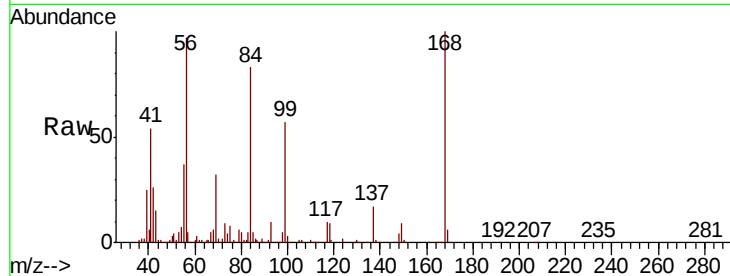
Tgt Ion: 56 Resp: 1484843

Ion Ratio Lower Upper

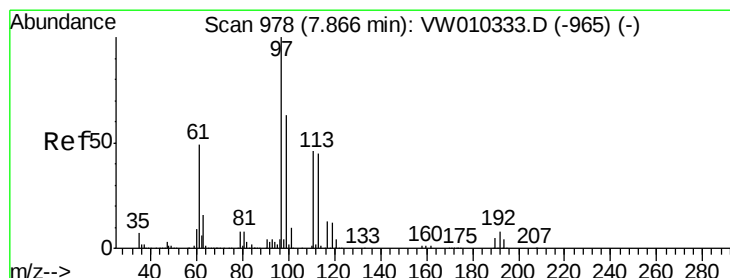
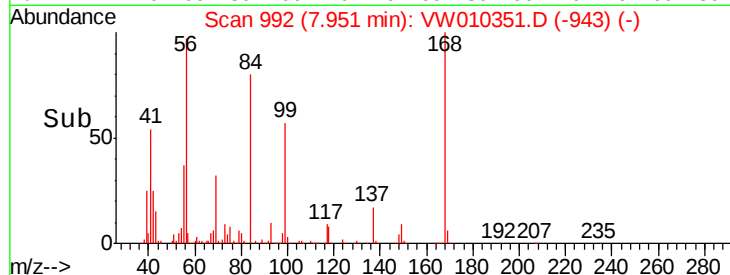
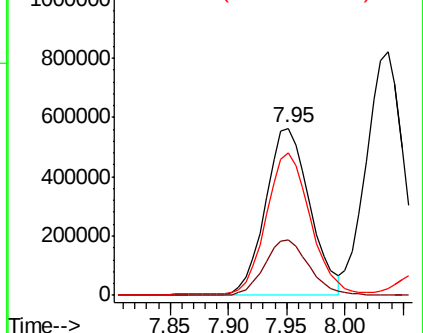
56 100

69 33.2 26.6 40.0

84 84.2 66.2 99.2



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: 49.363 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

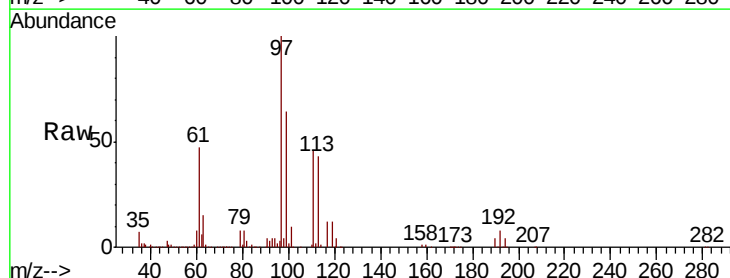
Tgt Ion: 97 Resp: 1094583

Ion Ratio Lower Upper

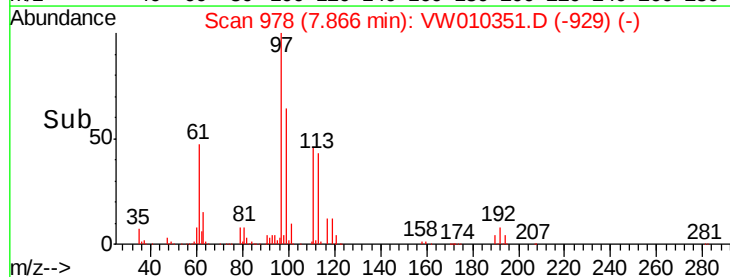
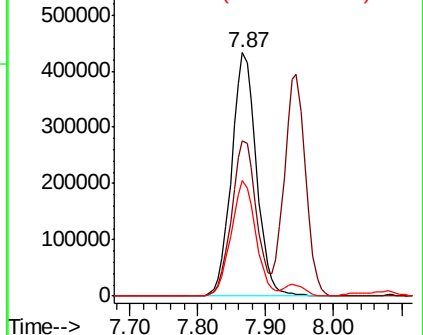
97 100

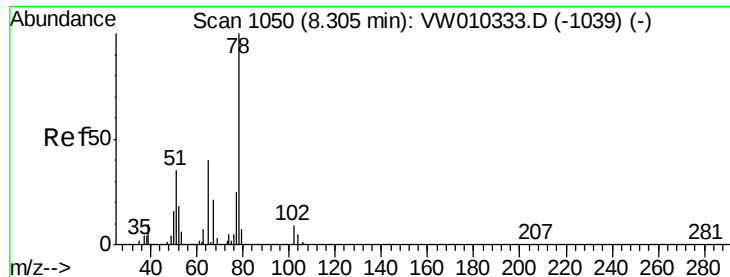
99 64.3 50.2 75.2

61 47.0 38.2 57.2



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: 48.852 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

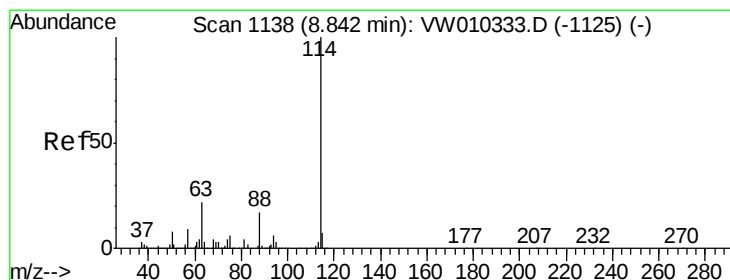
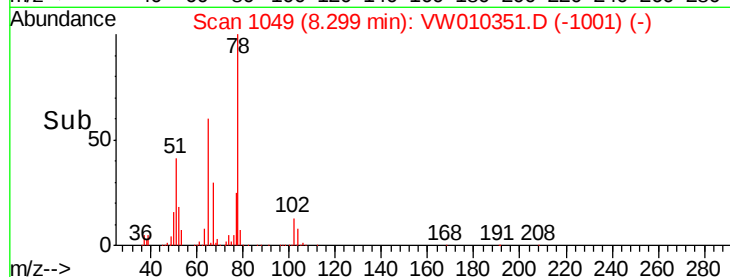
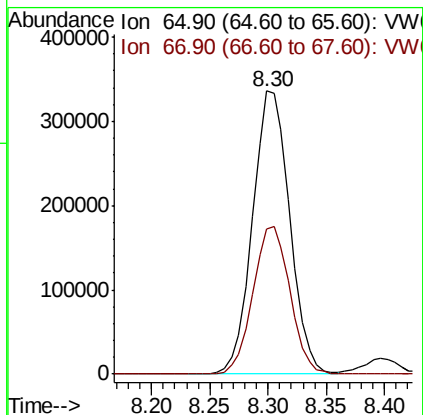
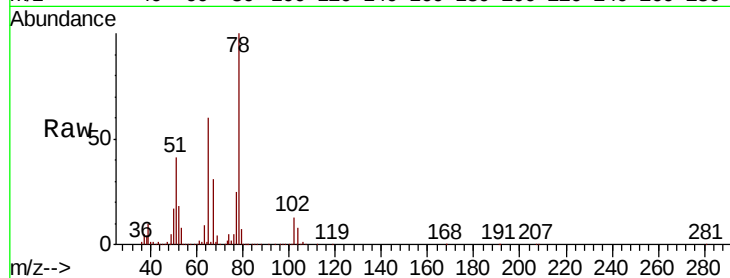
VSTDCCC050

Tgt Ion: 65 Resp: 746960

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

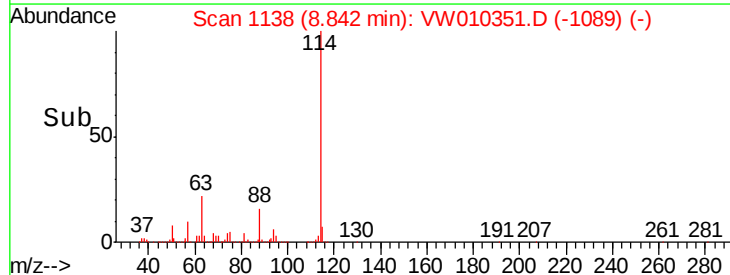
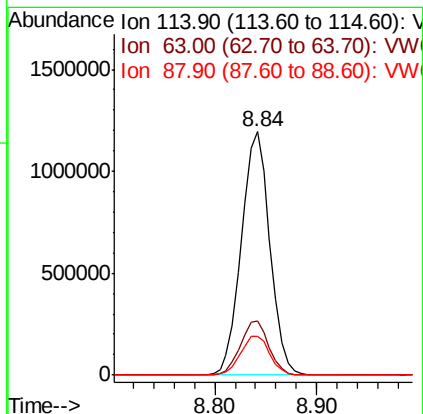
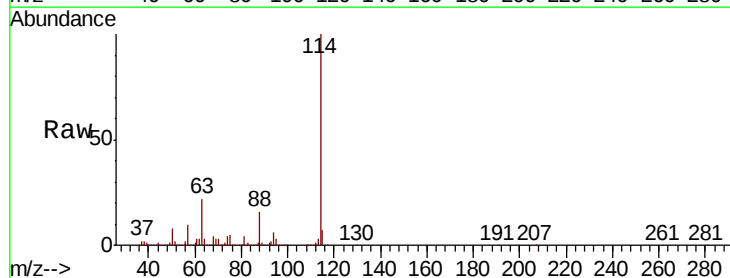
Tgt Ion: 114 Resp: 2312010

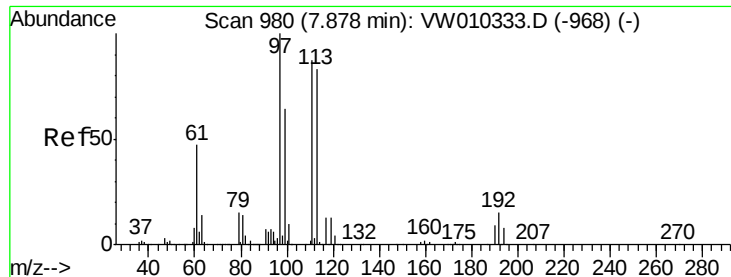
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 16.1 0.0 32.6

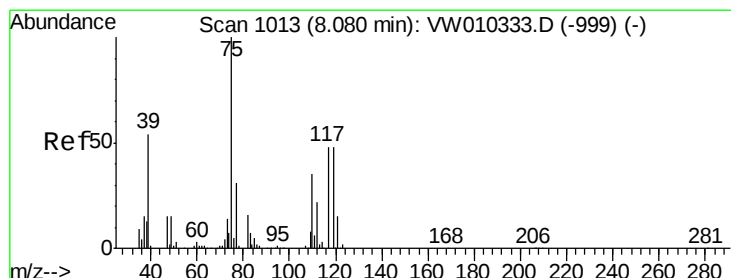
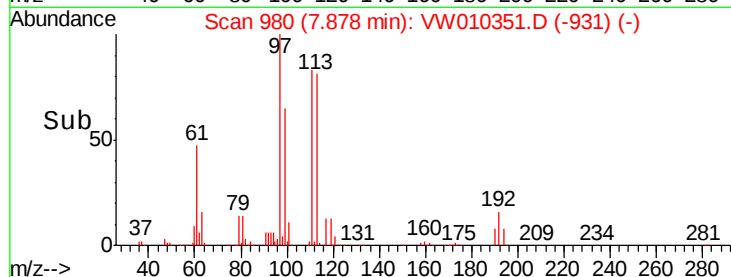
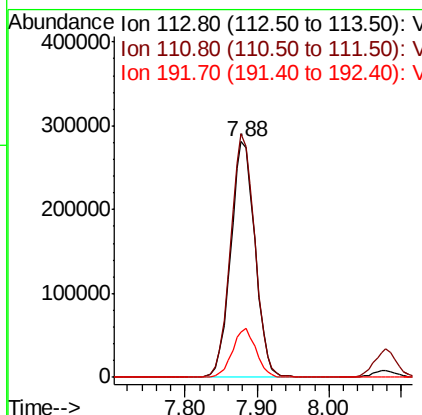
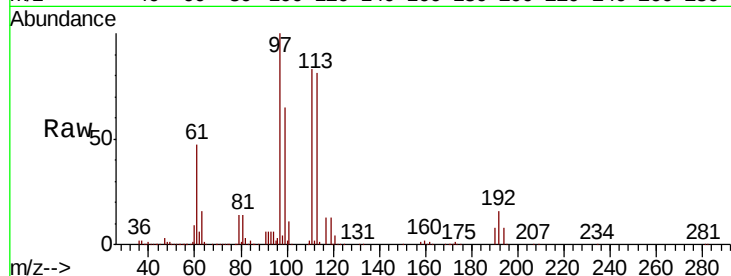




#35
 Dibromofluoromethane
 Concen: 48.696 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

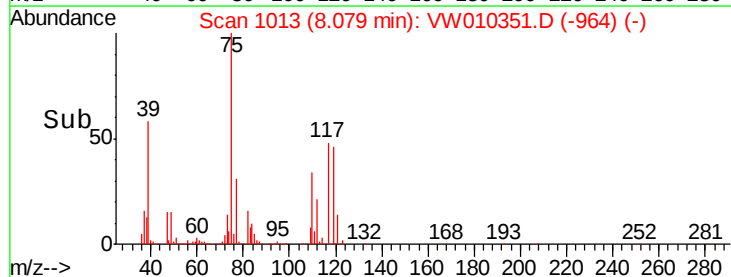
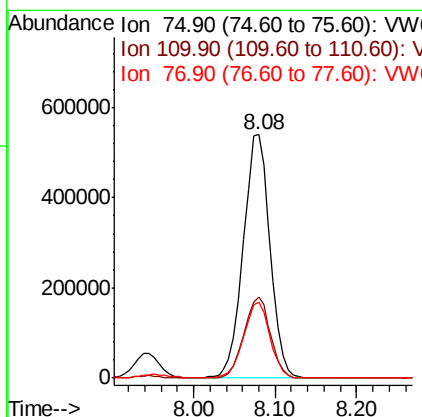
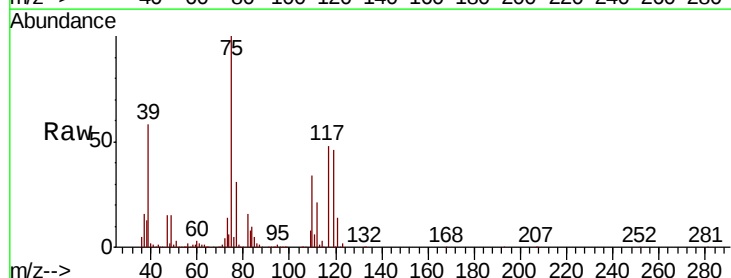
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

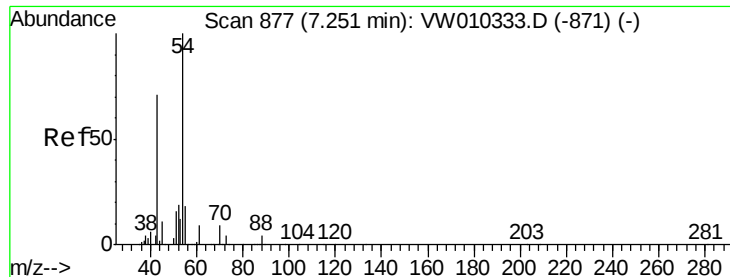
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	20.2	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 49.107 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.6	49.8
77	30.8	24.8	37.2

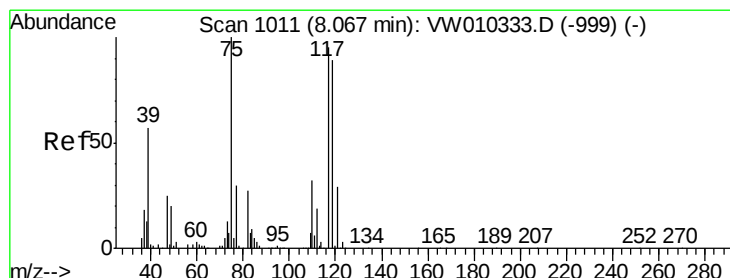
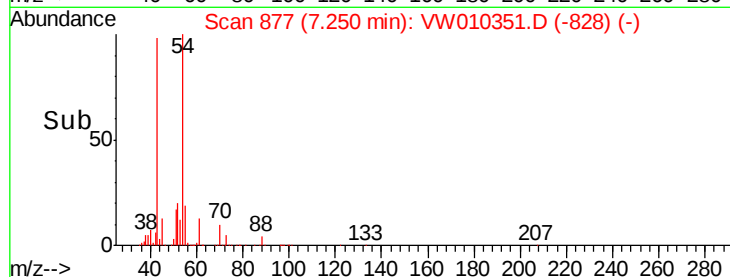
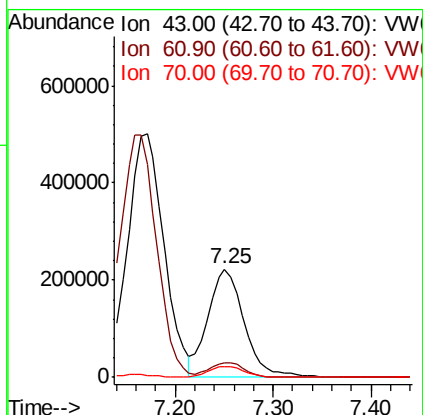
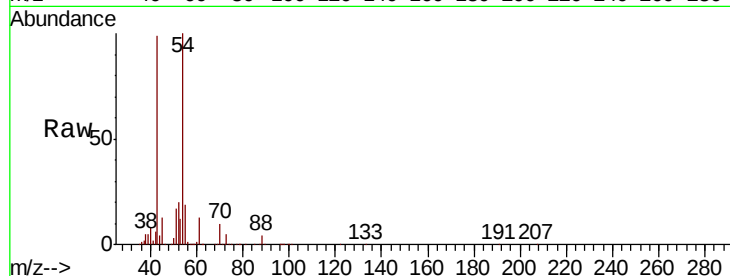




#37
Ethyl Acetate
Concen: 42.244 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

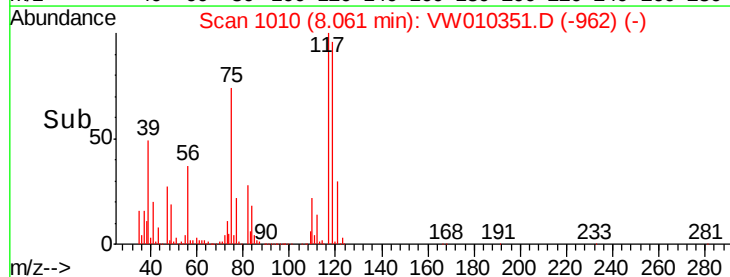
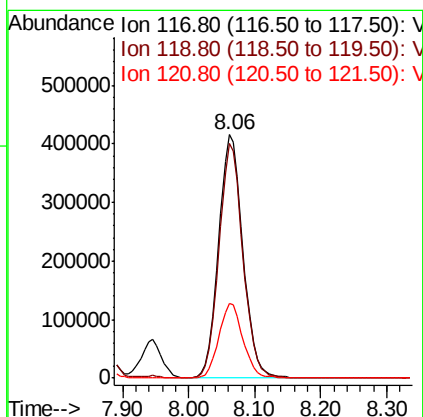
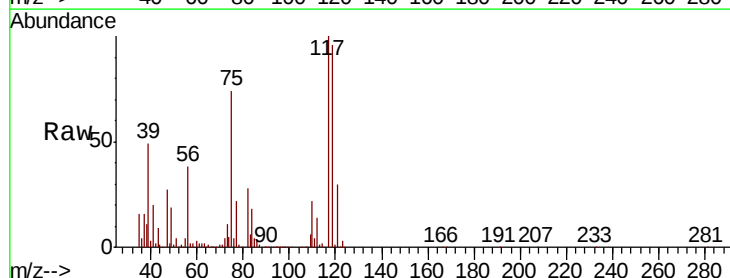
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

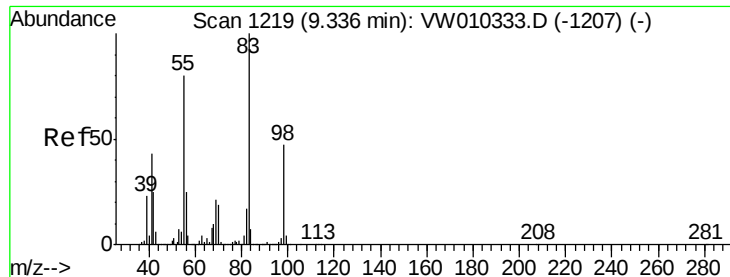
Tgt Ion: 43 Resp: 563845
Ion Ratio Lower Upper
43 100
61 13.7 9.8 14.8
70 10.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 48.914 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion: 117 Resp: 1051118
Ion Ratio Lower Upper
117 100
119 96.2 75.3 112.9
121 30.4 24.4 36.6

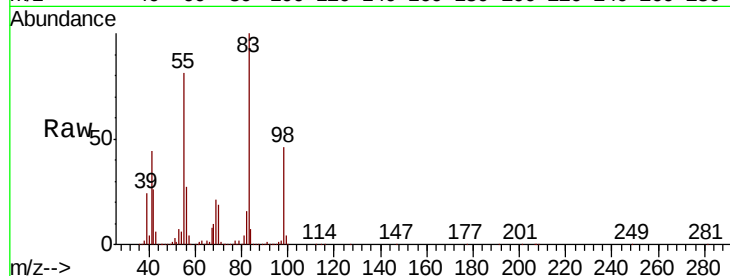




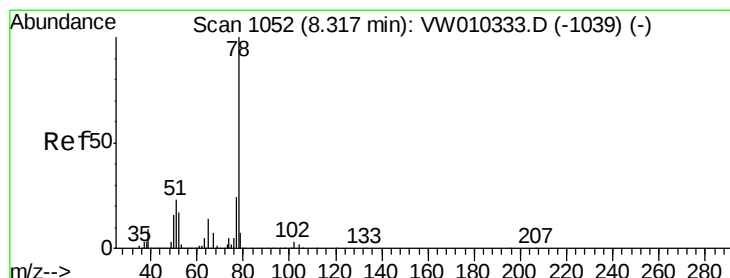
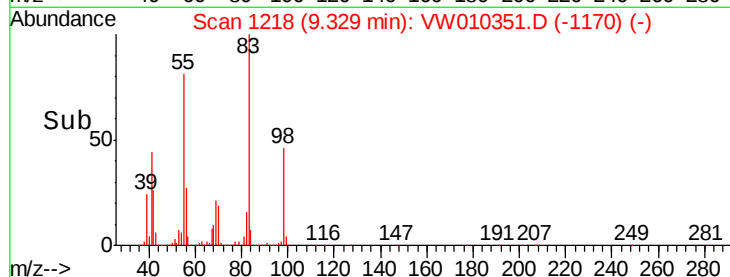
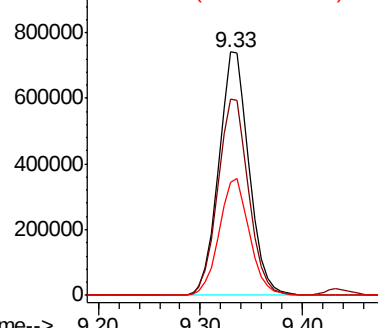
#39
Methylcyclohexane
Concen: 50.025 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 1534082
Ion Ratio Lower Upper
83 100
55 80.5 67.1 100.7
98 46.2 39.2 58.8

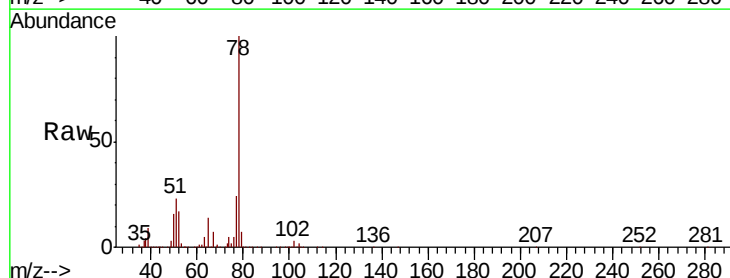


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

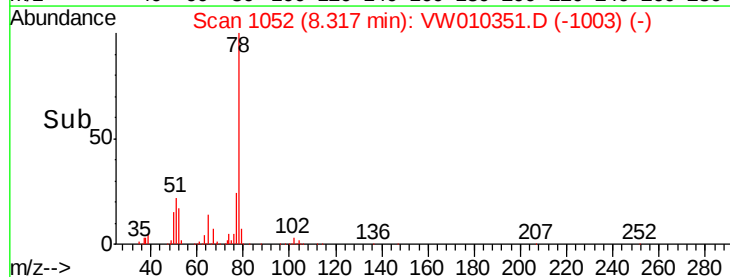
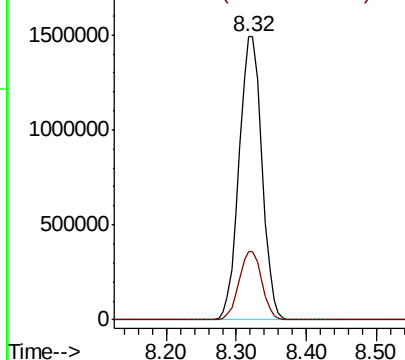


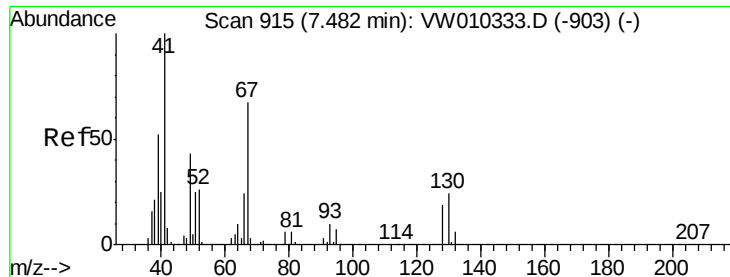
#40
Benzene
Concen: 49.252 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion: 78 Resp: 3381353
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

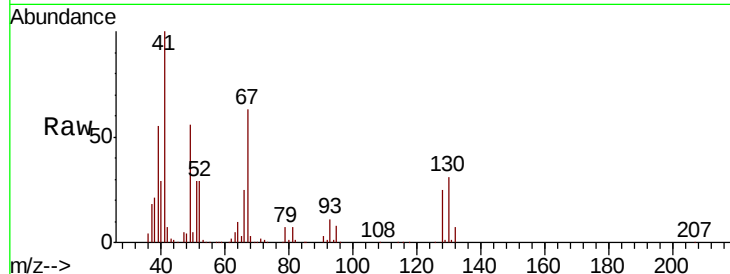




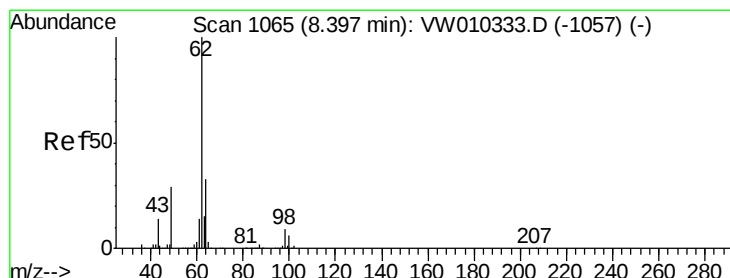
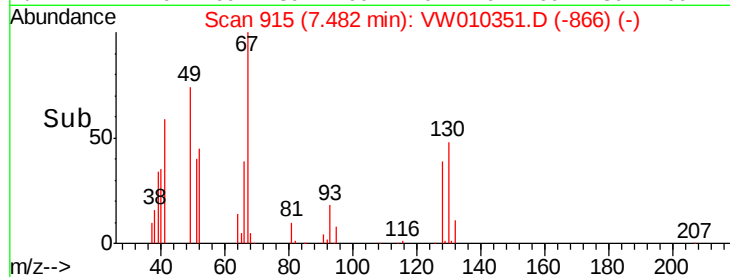
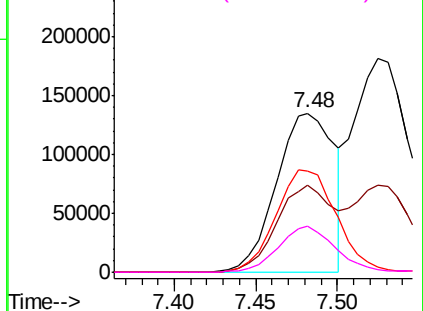
#41
Methacrylonitrile
Concen: 44.309 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	331669
Ion	Ratio	Lower	Upper
41	100		
39	52.7	45.0	67.4
67	68.0	50.7	76.1
52	28.3	22.6	33.8

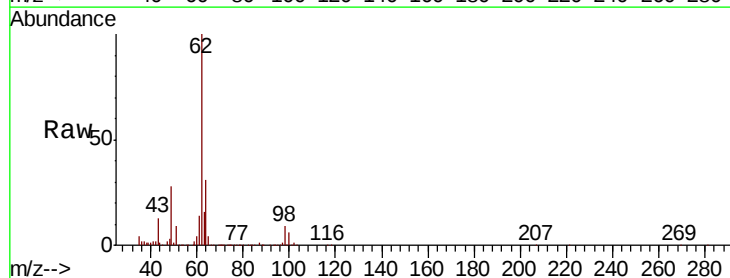


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

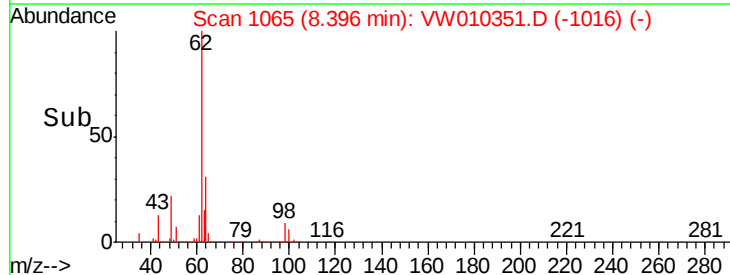
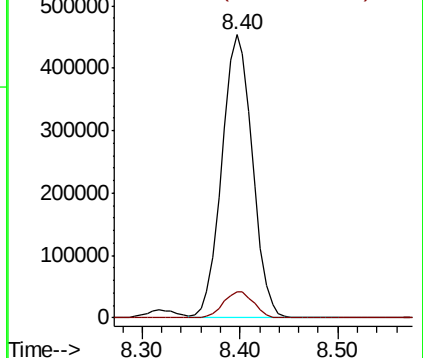


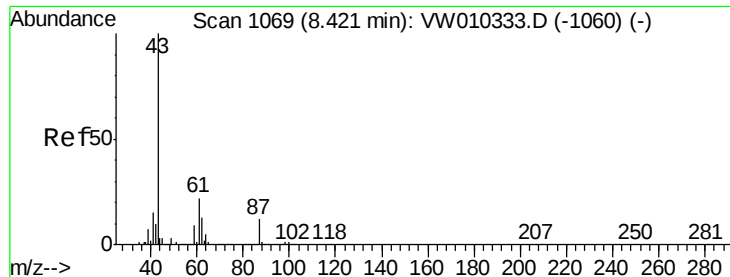
#42
1,2-Dichloroethane
Concen: 49.987 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion:	62	Resp:	982307
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 45.962 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

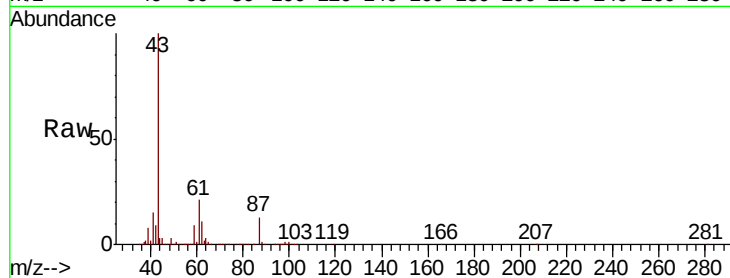
Tgt Ion: 43 Resp: 1017419

Ion Ratio Lower Upper

43 100

61 30.5 23.0 34.6

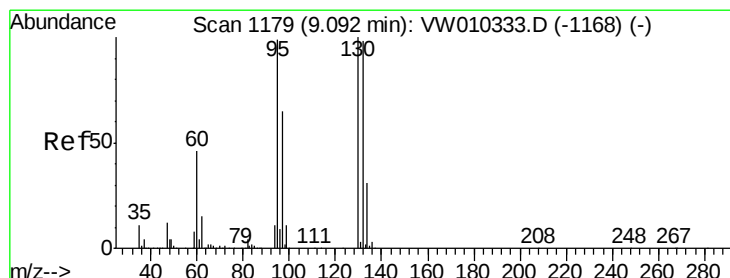
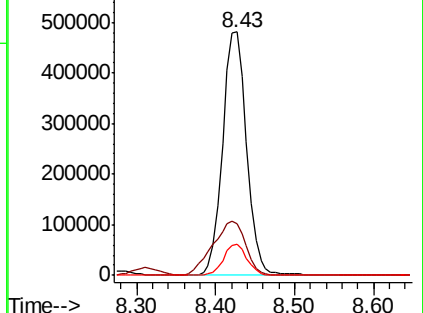
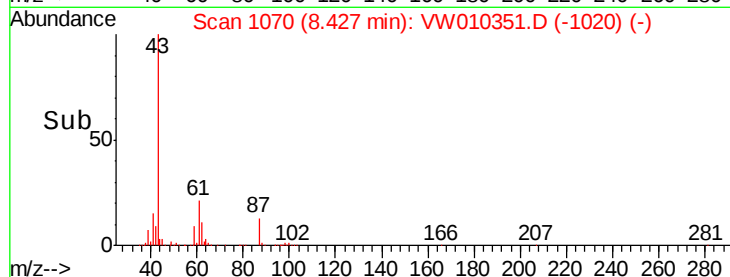
87 12.6 9.3 13.9



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: 48.954 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010351.D

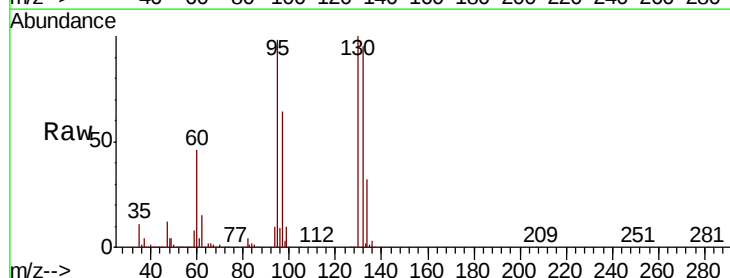
Acq: 10 May 2019 12:34

Tgt Ion: 130 Resp: 841401

Ion Ratio Lower Upper

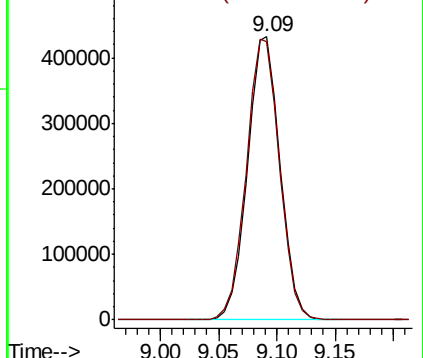
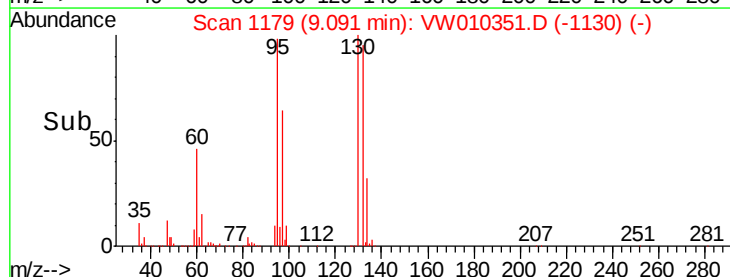
130 100

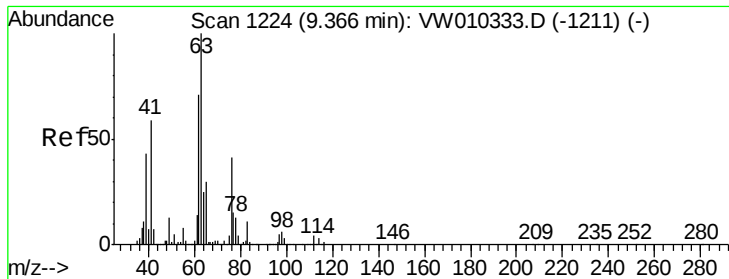
95 98.2 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.592 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

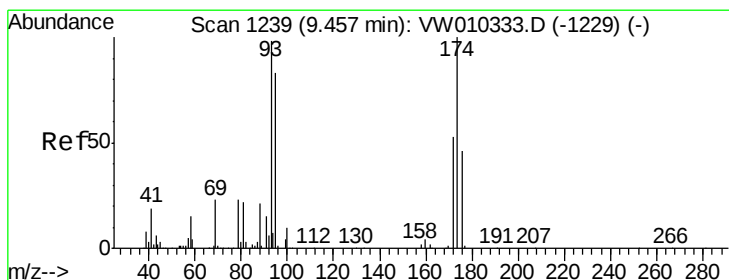
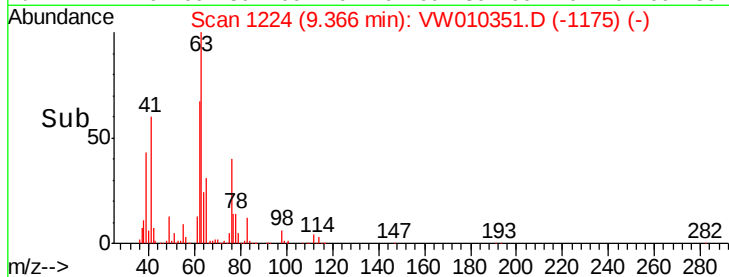
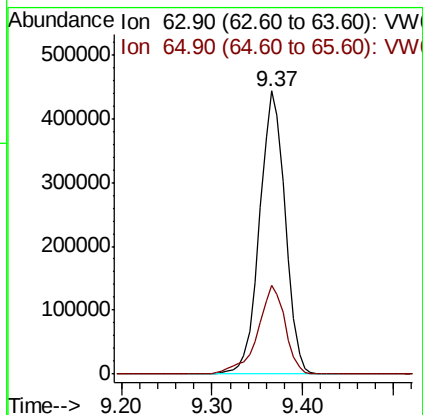
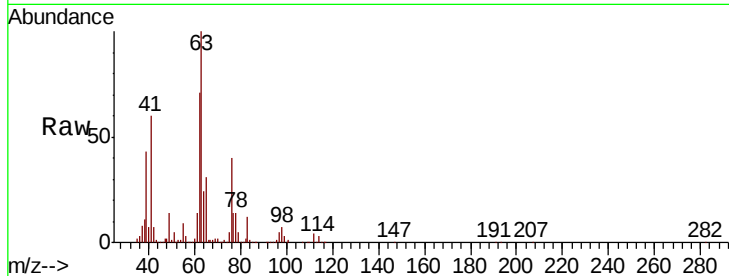
VSTDCCC050

Tgt Ion: 63 Resp: 863372

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 47.423 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

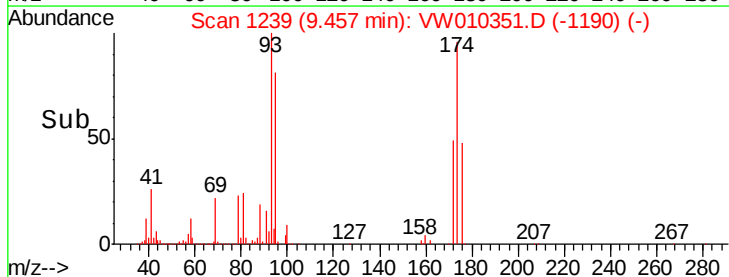
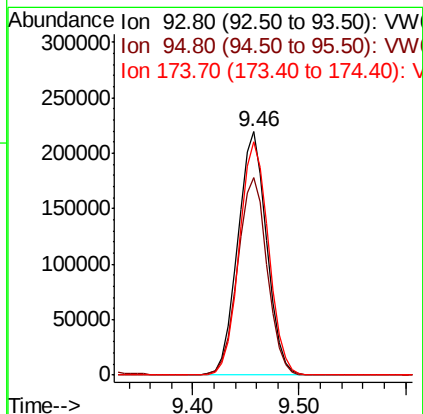
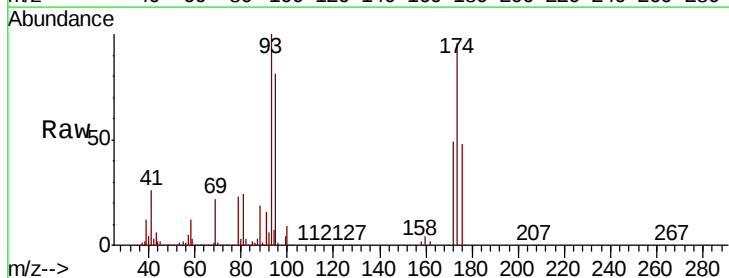
Tgt Ion: 93 Resp: 418085

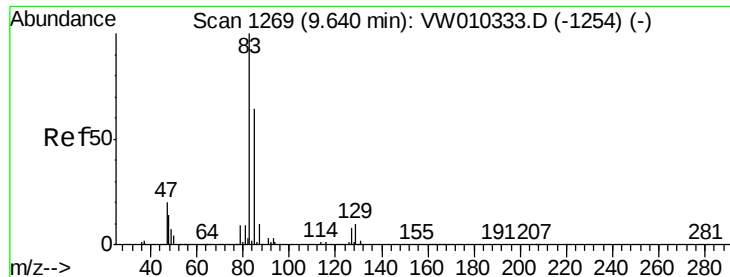
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 97.0 75.5 113.3

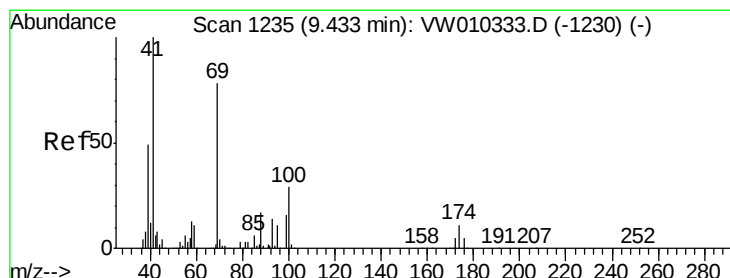
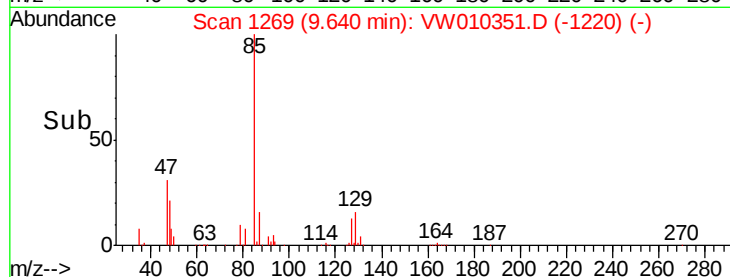
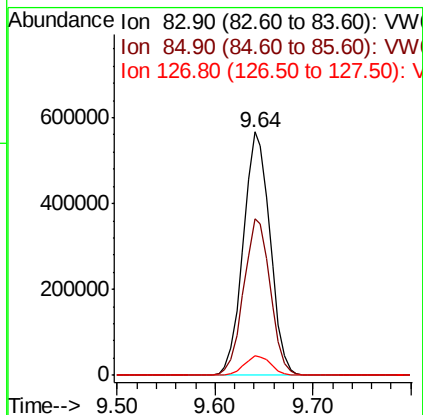
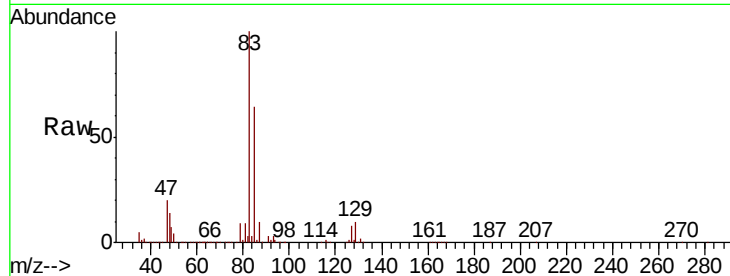




#47
 Bromodichloromethane
 Concen: 50.712 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

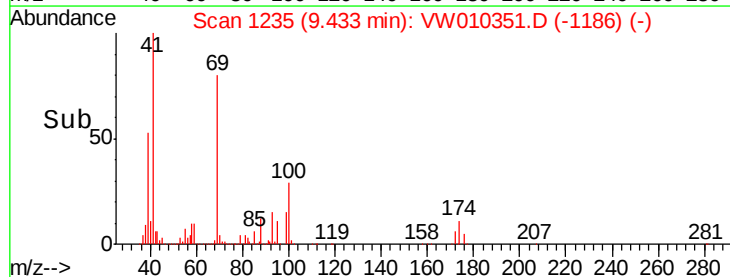
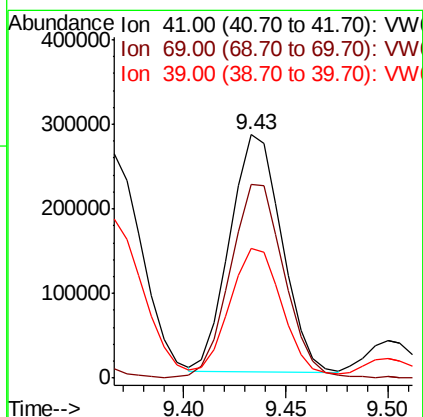
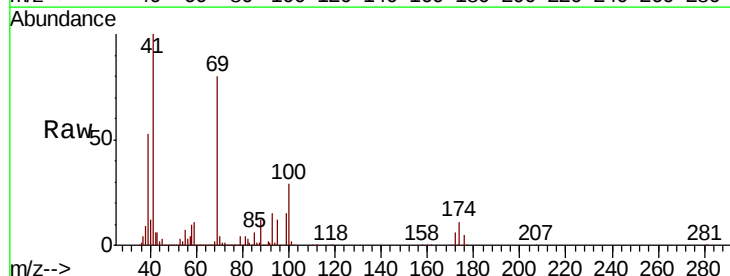
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

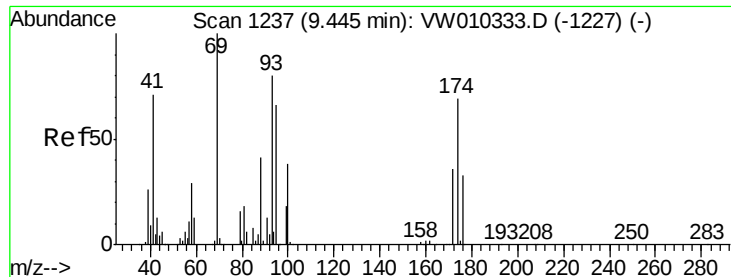
Tgt Ion: 83 Resp: 1072451
 Ion Ratio Lower Upper
 83 100
 85 64.1 50.6 75.8
 127 8.0 6.6 10.0



#48
 Methyl methacrylate
 Concen: 47.225 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion: 41 Resp: 494283
 Ion Ratio Lower Upper
 41 100
 69 85.5 60.1 90.1
 39 52.3 51.0 76.6

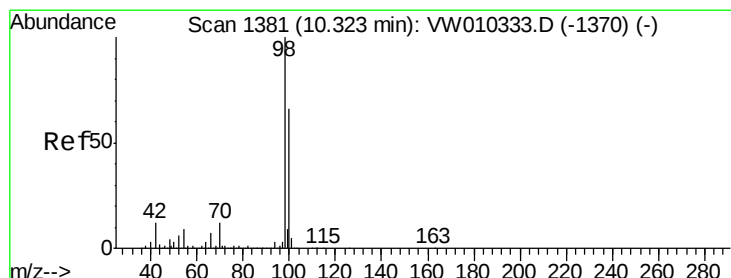
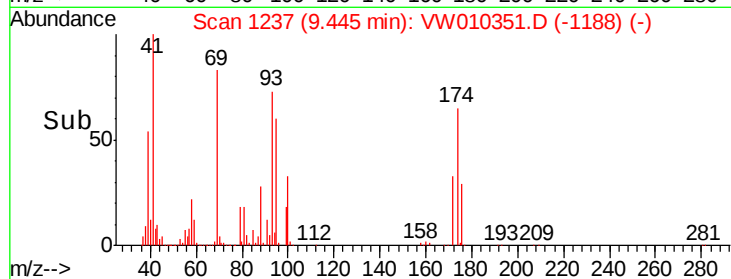
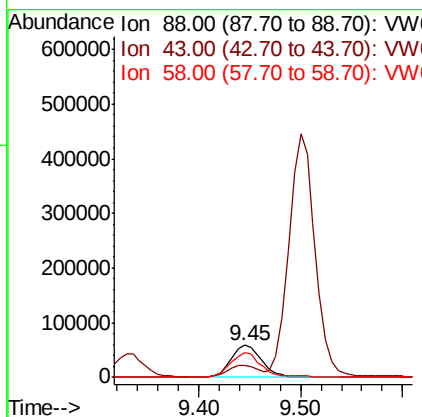
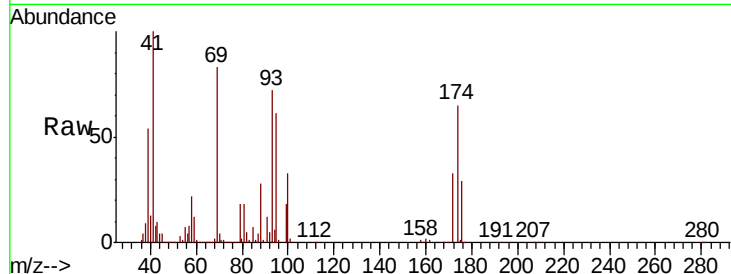




#49
 1,4-Dioxane
 Concen: 792.819 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

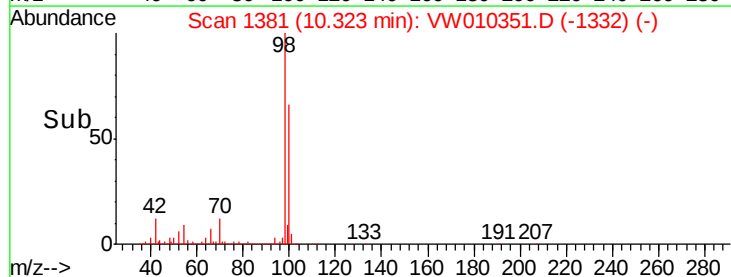
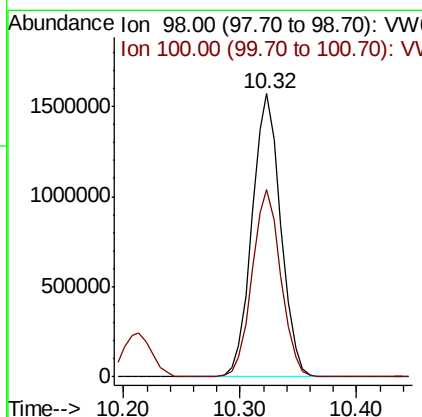
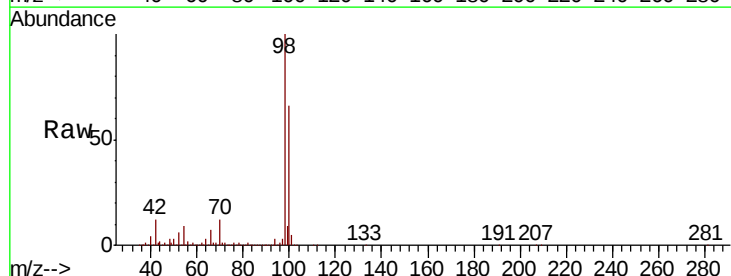
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

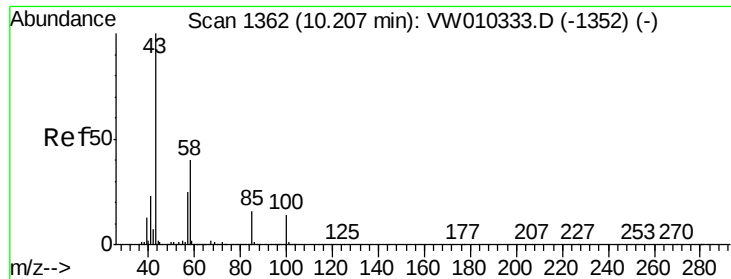
Tgt Ion: 88 Resp: 121892
 Ion Ratio Lower Upper
 88 100
 43 35.7 31.9 47.9
 58 79.8 61.8 92.6



#50
 Toluene-d8
 Concen: 48.776 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion: 98 Resp: 2687188
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.3 78.5

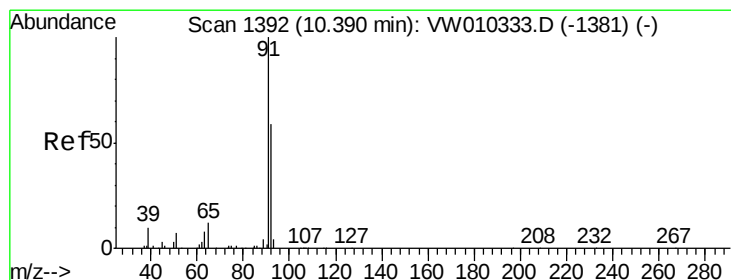
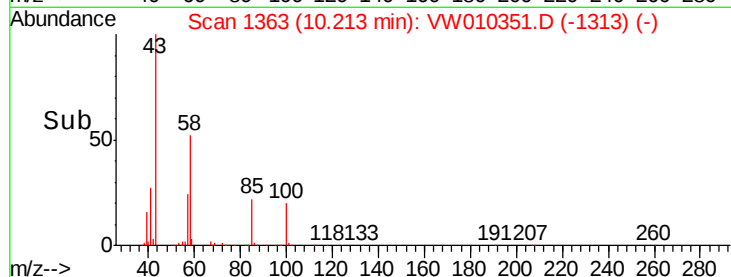
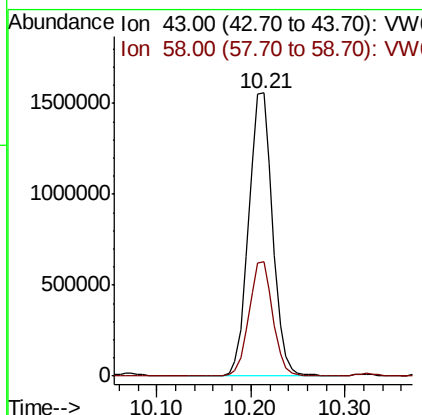
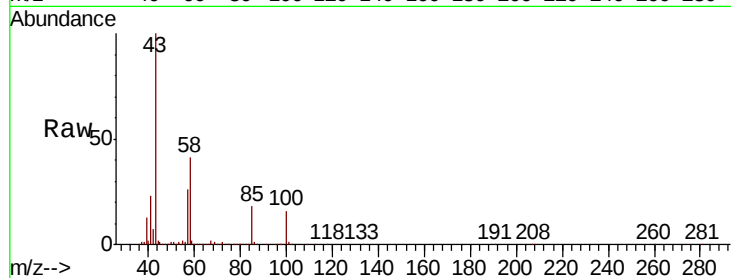




#51
 4-Methyl-2-Pentanone
 Concen: 219.280 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

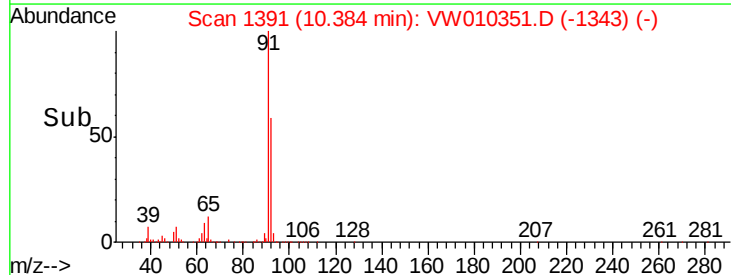
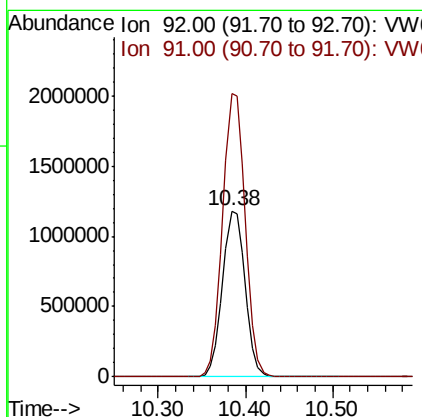
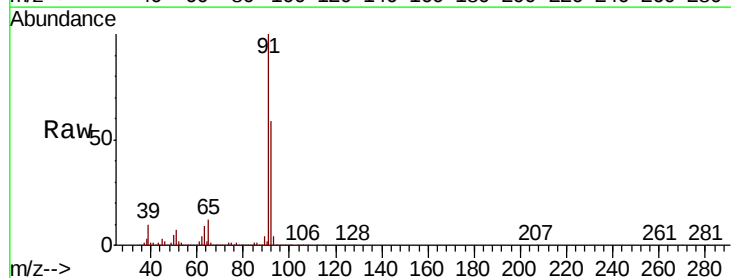
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

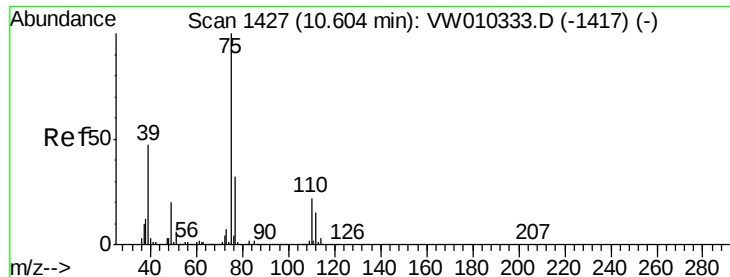
Tgt Ion: 43 Resp: 2783337
 Ion Ratio Lower Upper
 43 100
 58 40.0 28.9 43.3



#52
 Toluene
 Concen: 50.310 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion: 92 Resp: 2111136
 Ion Ratio Lower Upper
 92 100
 91 170.7 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 51.894 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

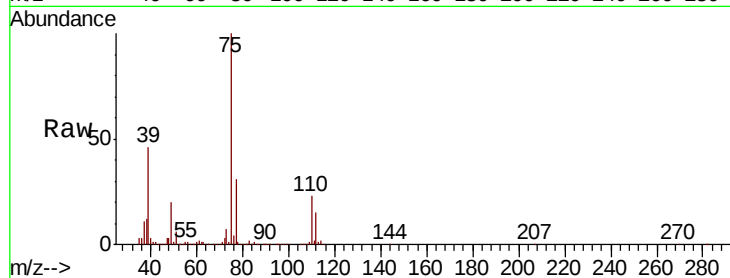
VSTDCCC050

Tgt Ion: 75 Resp: 1111631

Ion Ratio Lower Upper

75 100

77 31.3 26.9 40.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

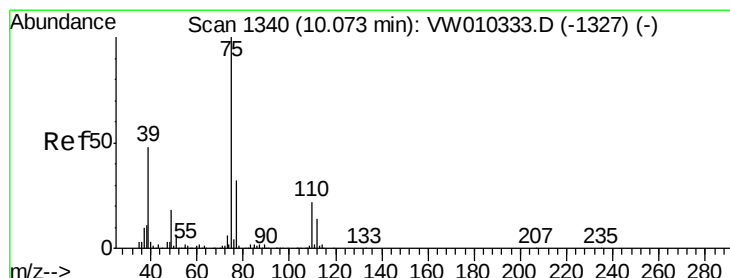
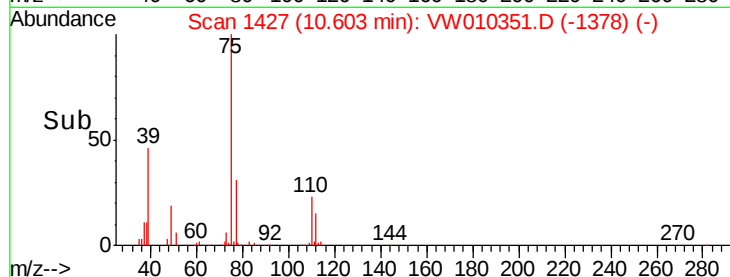
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.199 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

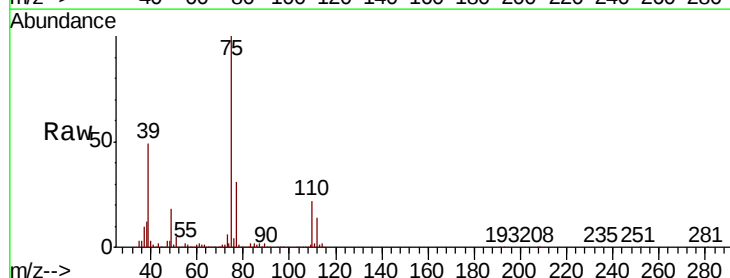
Tgt Ion: 75 Resp: 1324233

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 48.5 47.8 71.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

1000000

800000

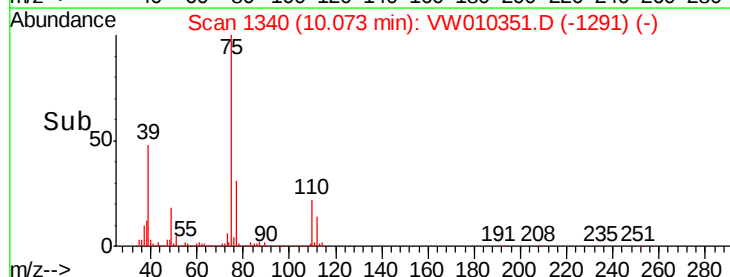
600000

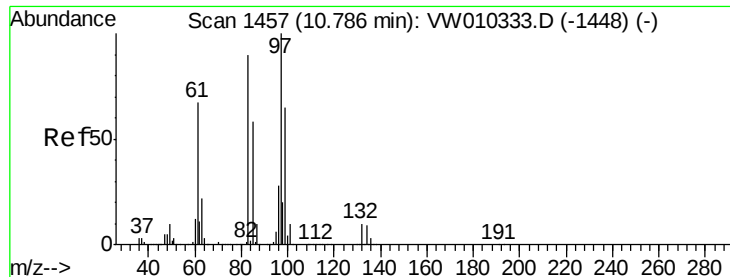
400000

200000

0

Time-->

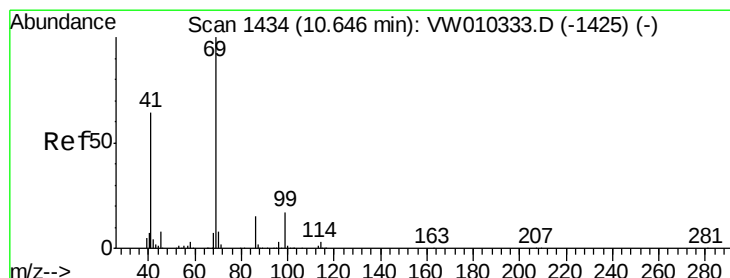
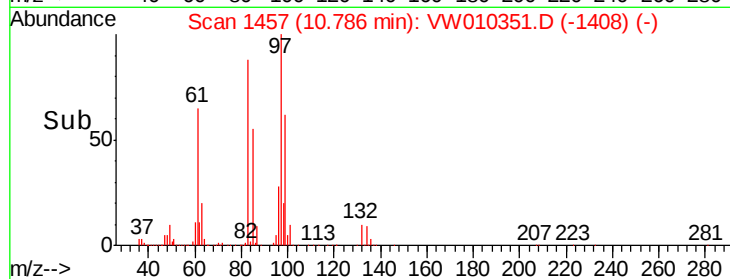
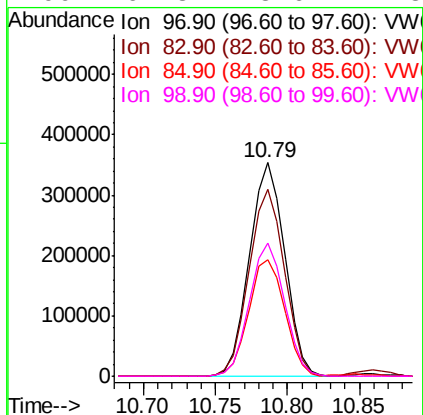
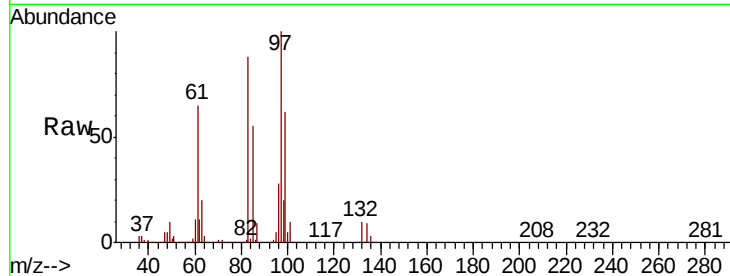




#55
 1,1,2-Trichloroethane
 Concen: 47.909 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

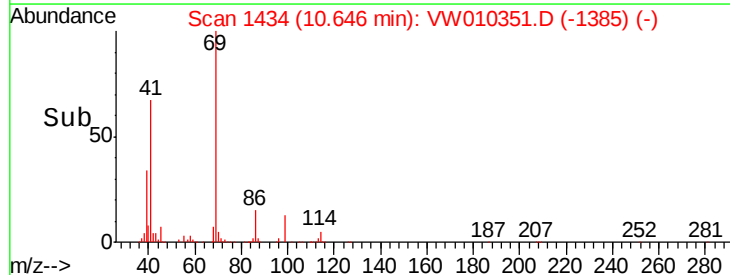
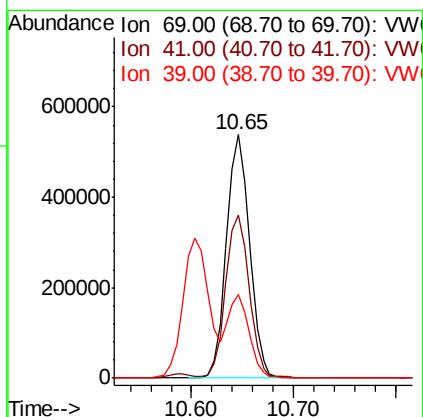
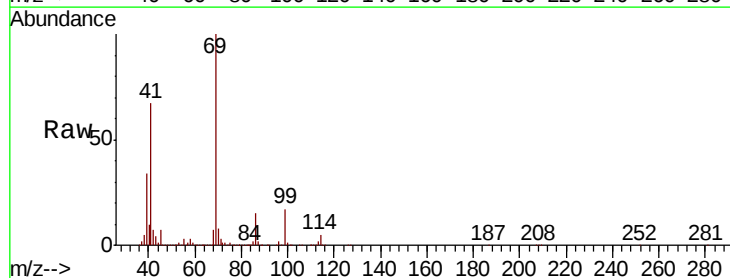
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

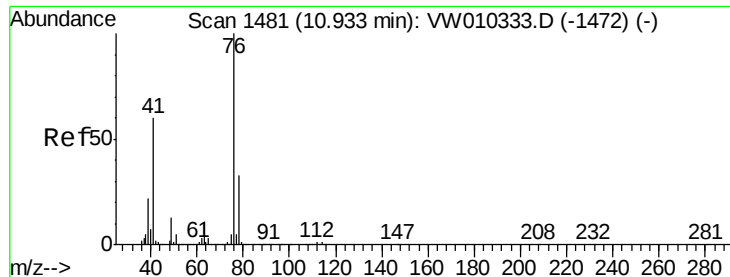
Tgt Ion:	97	Resp:	599903
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.9	103.3
85	54.8	42.9	64.3
99	62.3	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 51.188 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion:	69	Resp:	846426
Ion	Ratio	Lower	Upper
69	100		
41	68.5	61.0	91.6
39	31.9	33.8	50.6#





#57

1,3-Dichloropropane

Concen: 49.021 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

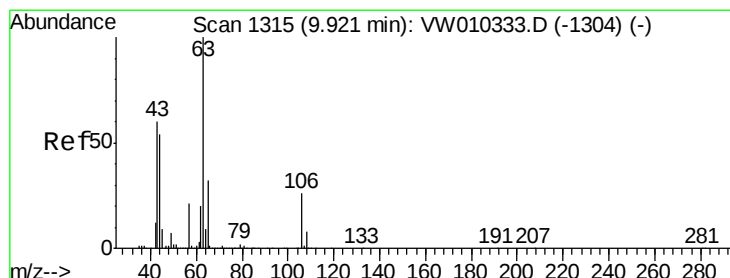
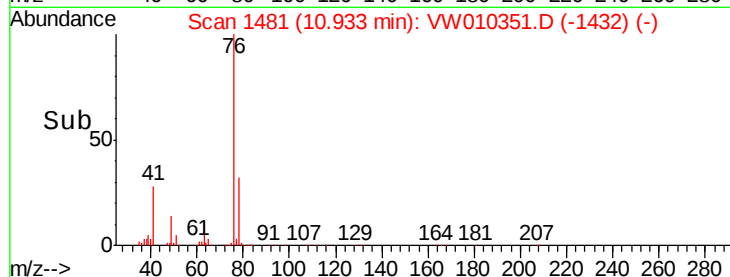
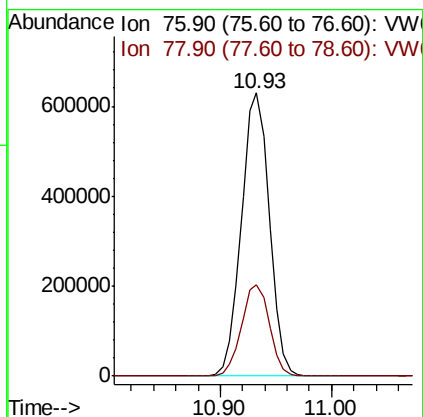
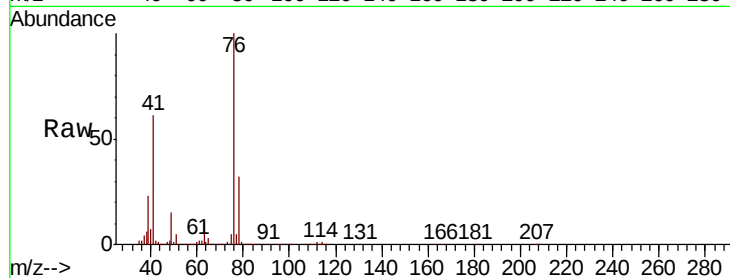
VSTDCCC050

Tgt Ion: 76 Resp: 1097339

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 263.233 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010351.D

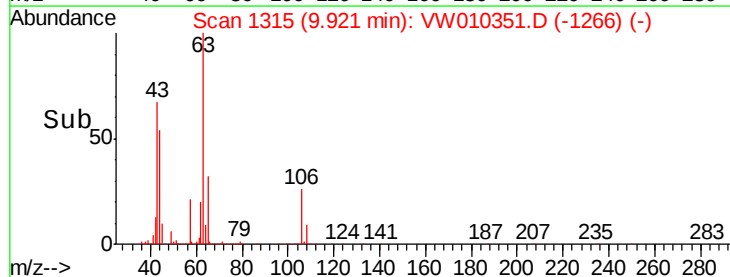
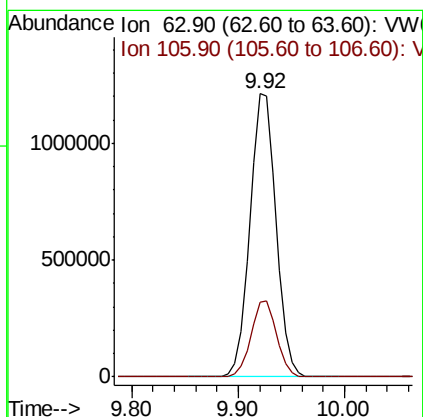
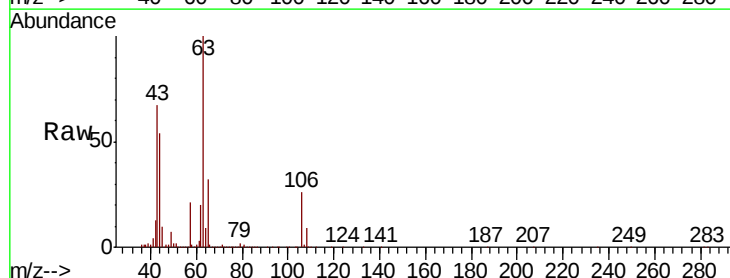
Acq: 10 May 2019 12:34

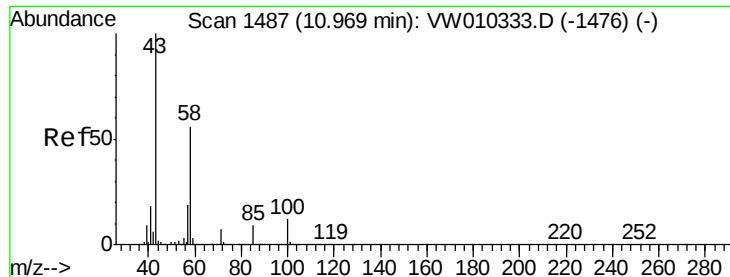
Tgt Ion: 63 Resp: 2084004

Ion Ratio Lower Upper

63 100

106 26.5 21.4 32.0

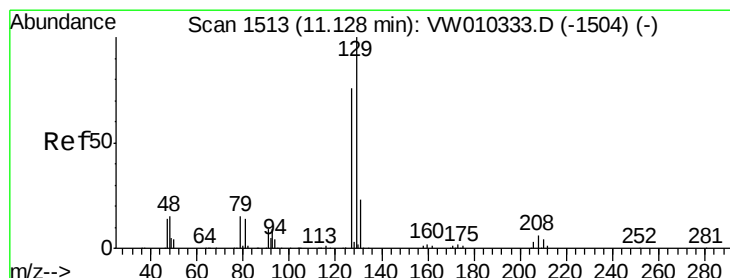
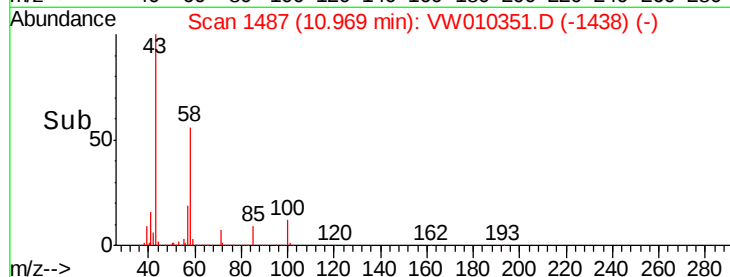
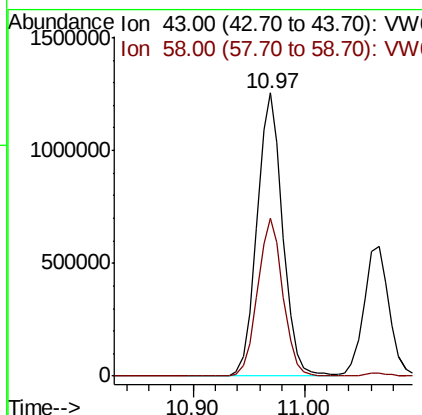
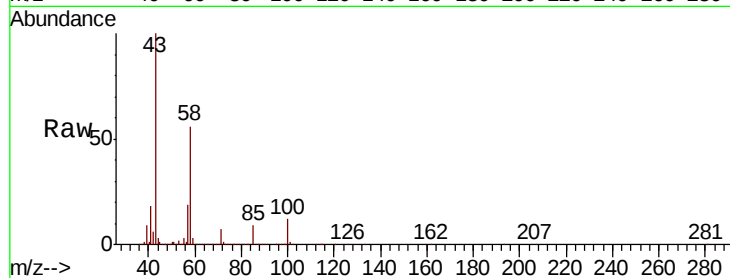




#59
2-Hexanone
Concen: 223.872 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

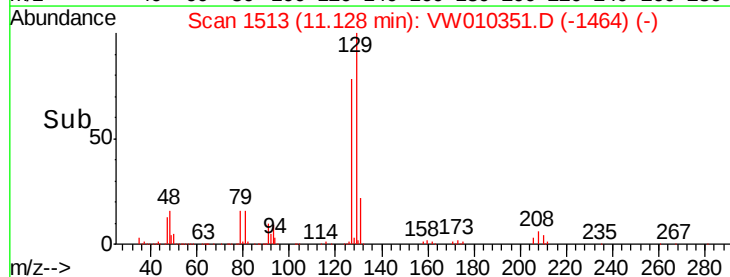
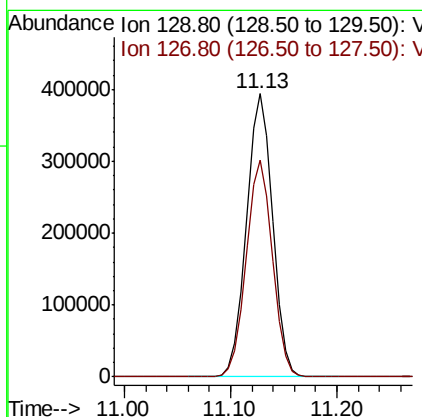
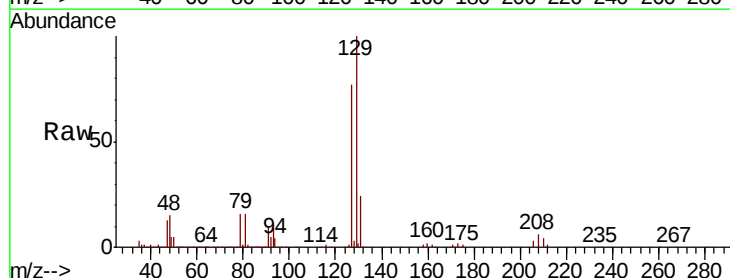
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

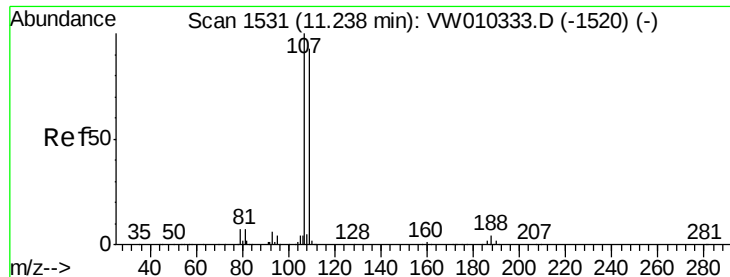
Tgt Ion: 43 Resp: 2009126
Ion Ratio Lower Upper
43 100
58 55.0 24.9 74.7



#60
Dibromochloromethane
Concen: 50.417 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion: 129 Resp: 679329
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

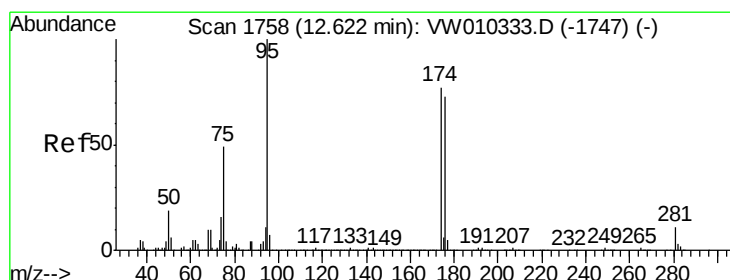
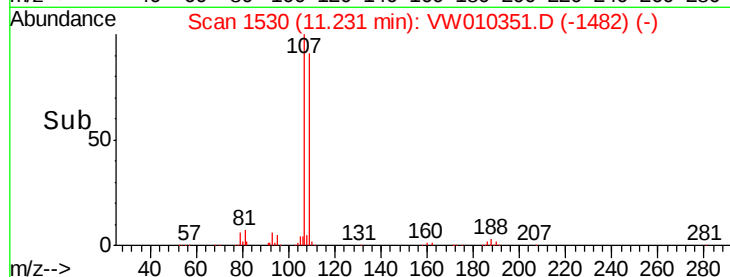
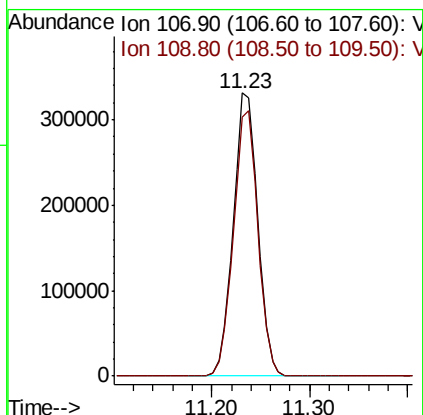
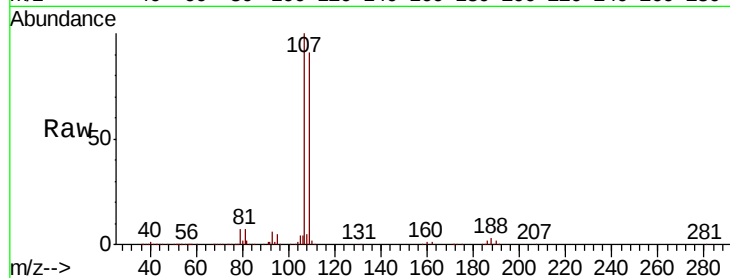




#61
 1,2-Dibromoethane
 Concen: 47.946 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

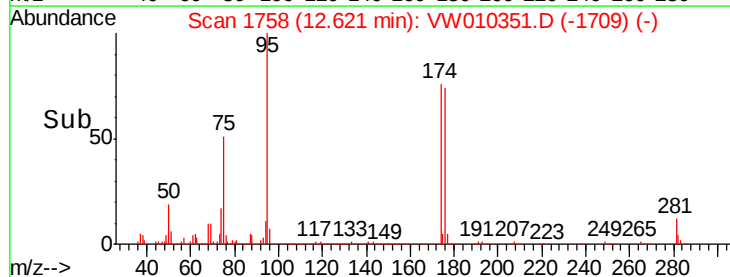
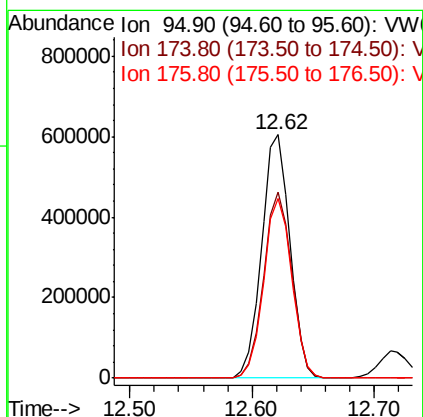
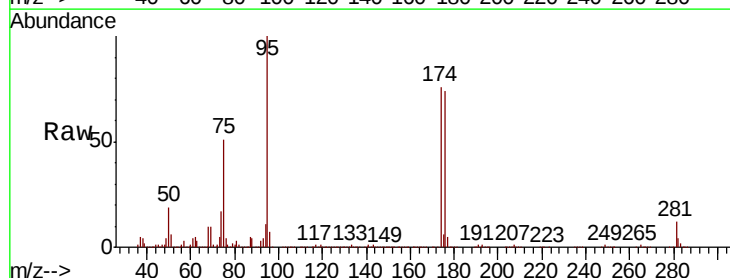
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

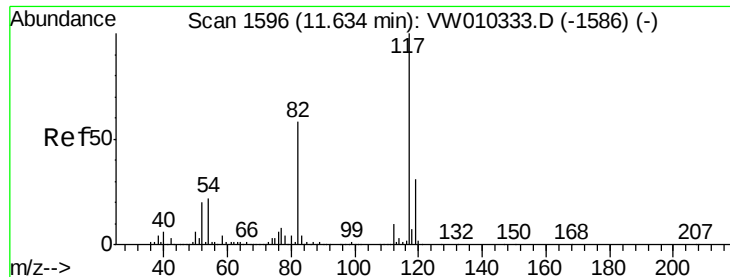
Tgt Ion: 107 Resp: 576337
 Ion Ratio Lower Upper
 107 100
 109 93.8 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 50.250 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion: 95 Resp: 974493
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 151.4
 176 73.5 0.0 146.2

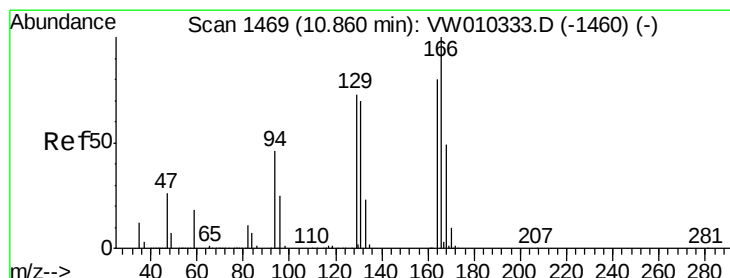
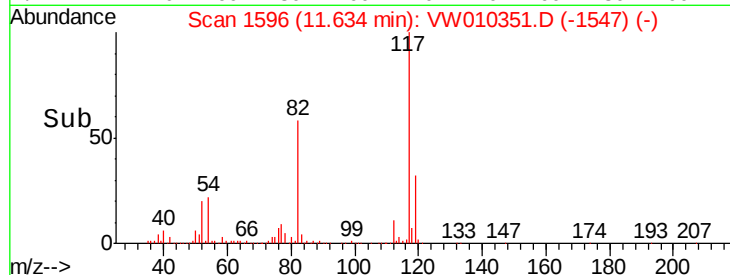
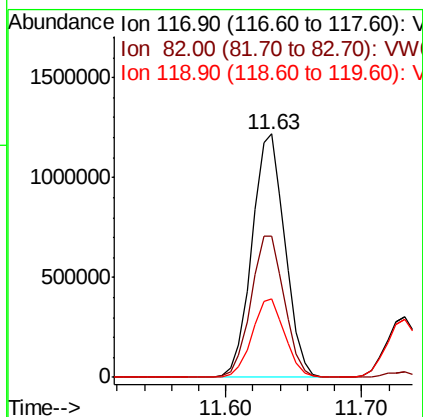
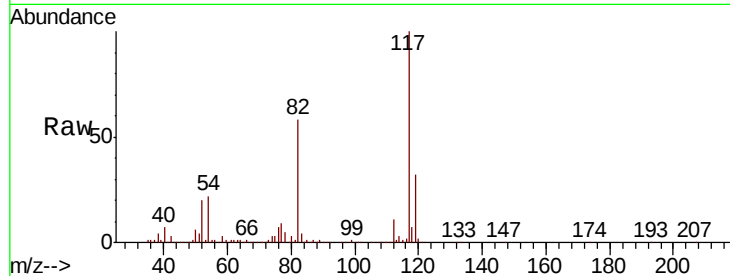




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

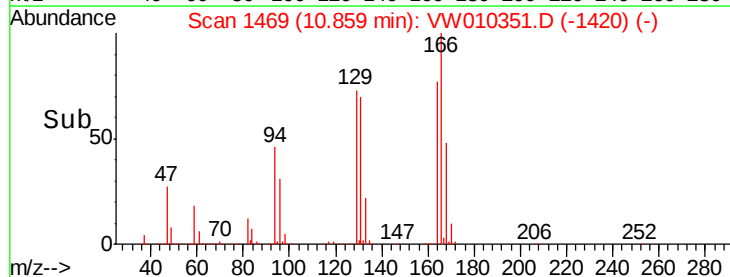
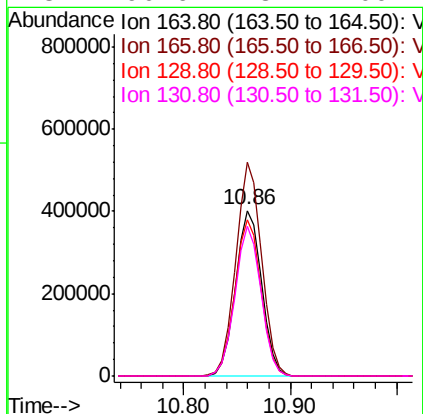
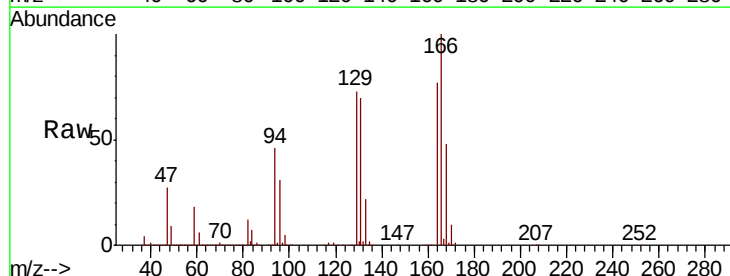
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

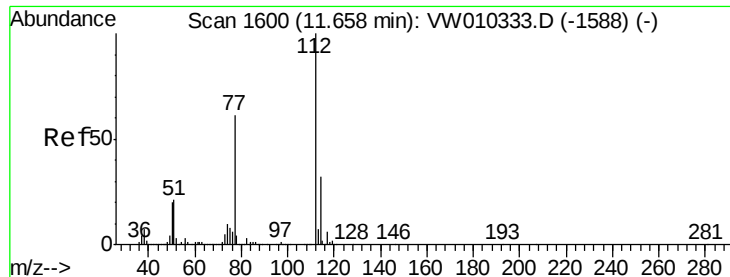
Tgt Ion:117 Resp: 2070752
Ion Ratio Lower Upper
117 100
82 57.9 45.2 67.8
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 47.687 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion:164 Resp: 690178
Ion Ratio Lower Upper
164 100
166 129.1 101.2 151.8
129 94.6 77.8 116.6
131 90.6 73.1 109.7

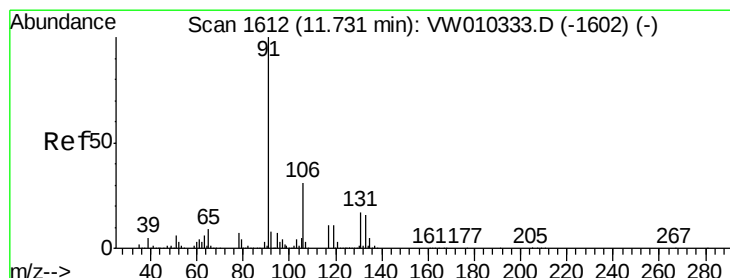
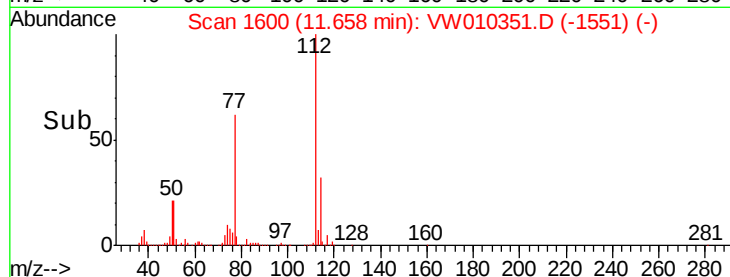
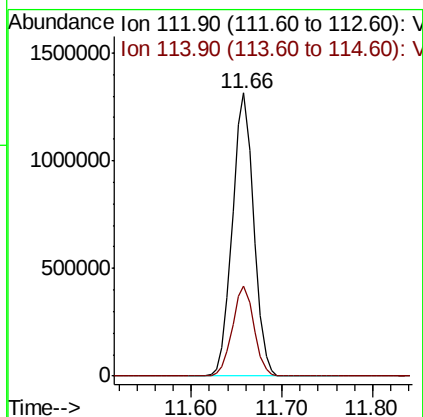
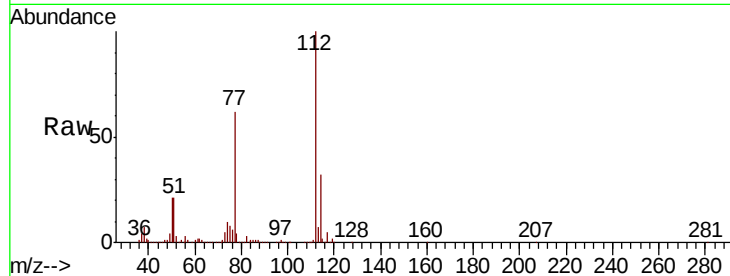




#65
Chlorobenzene
Concen: 49.976 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

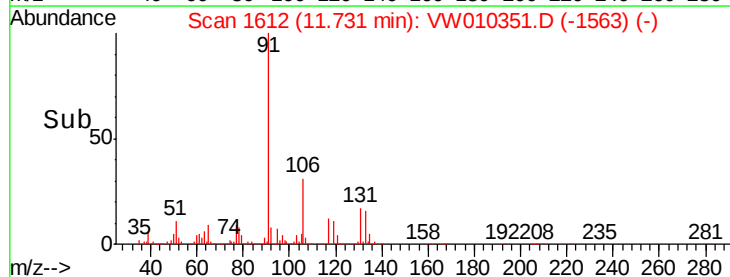
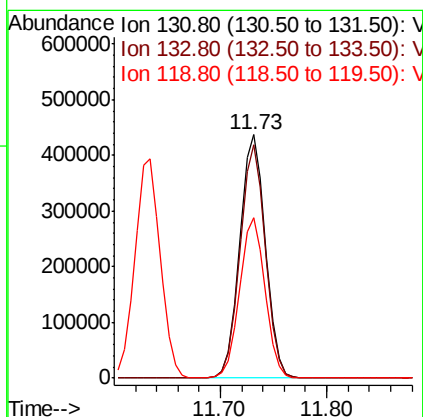
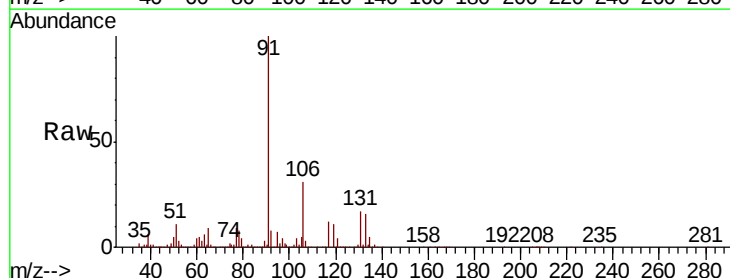
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

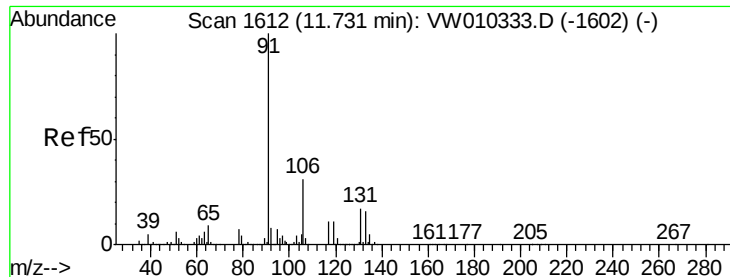
Tgt Ion:112 Resp: 2142234
Ion Ratio Lower Upper
112 100
114 31.6 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.982 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion:131 Resp: 738631
Ion Ratio Lower Upper
131 100
133 94.7 46.5 139.5
119 65.5 31.9 95.5

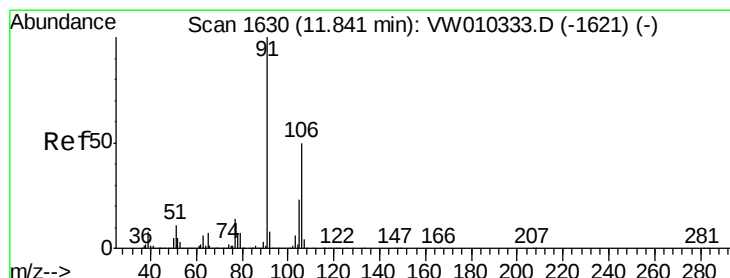
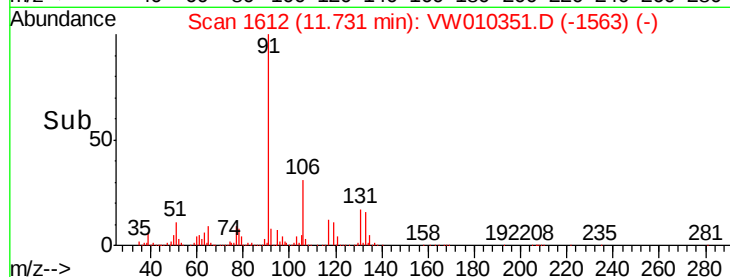
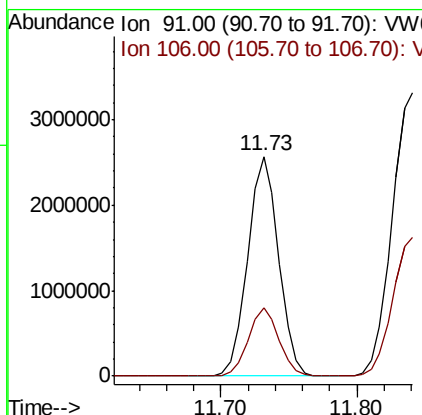
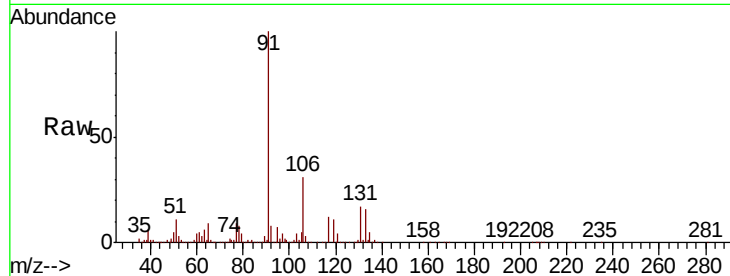




#67
Ethyl Benzene
Concen: 51.619 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

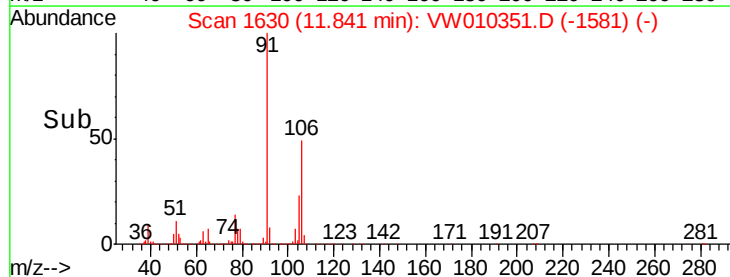
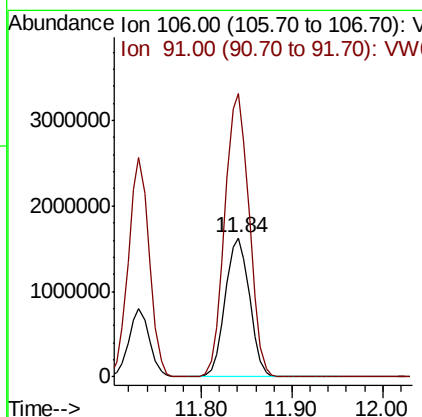
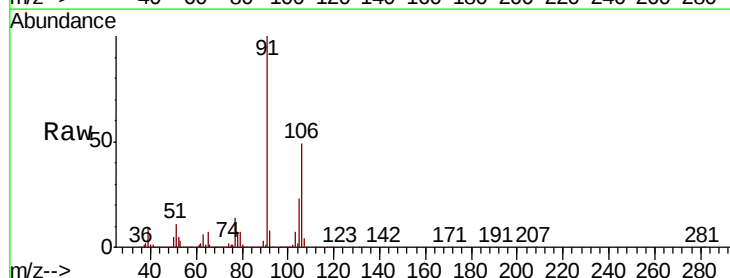
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

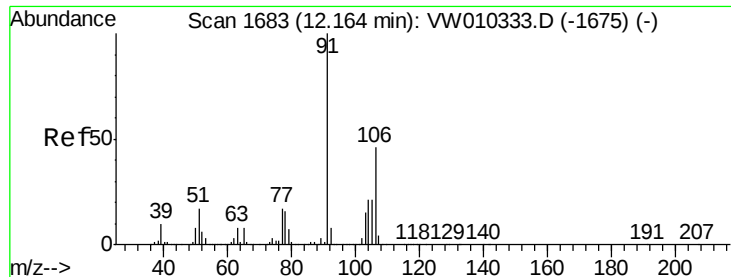
Tgt Ion: 91 Resp: 4070491
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8



#68
m/p-Xylenes
Concen: 103.418 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion: 106 Resp: 3030011
Ion Ratio Lower Upper
106 100
91 204.2 165.0 247.6

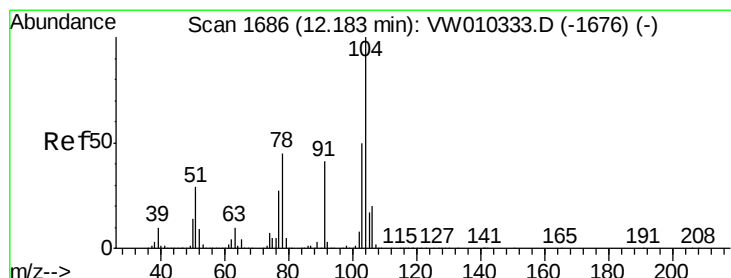
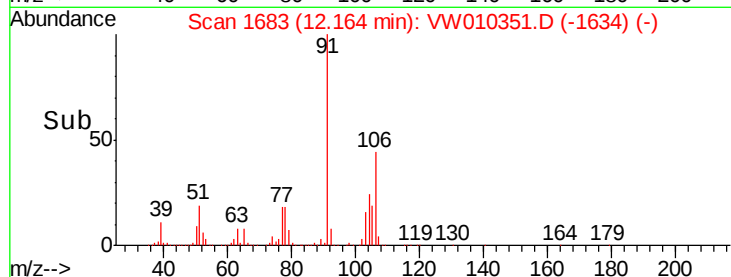
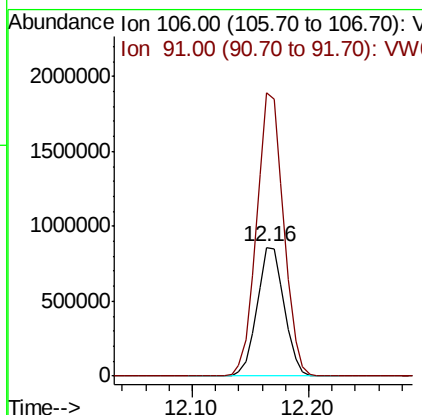
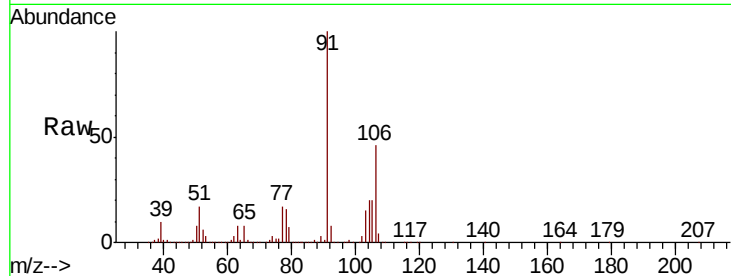




#69
o-Xylene
Concen: 52.467 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

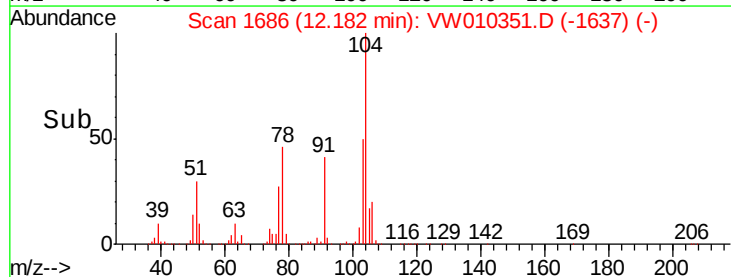
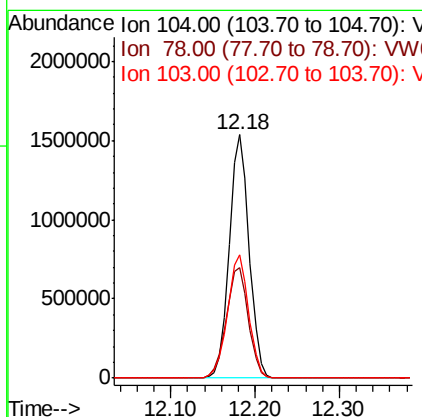
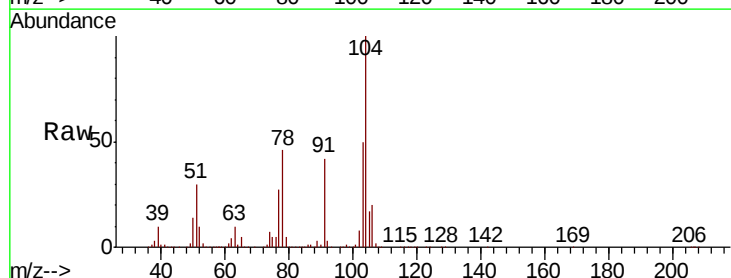
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

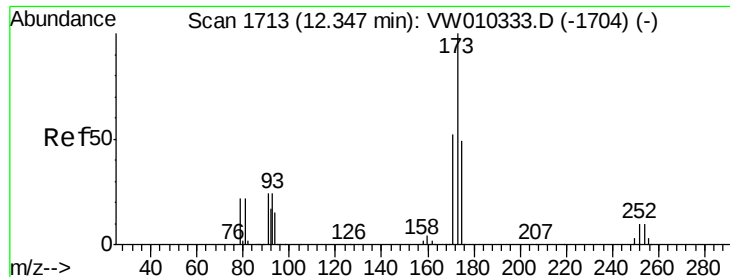
Tgt Ion:106 Resp: 1390570
Ion Ratio Lower Upper
106 100
91 218.8 110.5 331.4



#70
Styrene
Concen: 53.384 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion:104 Resp: 2465329
Ion Ratio Lower Upper
104 100
78 50.8 42.5 63.7
103 54.0 43.6 65.4





#71

Bromoform

Concen: 46.651 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

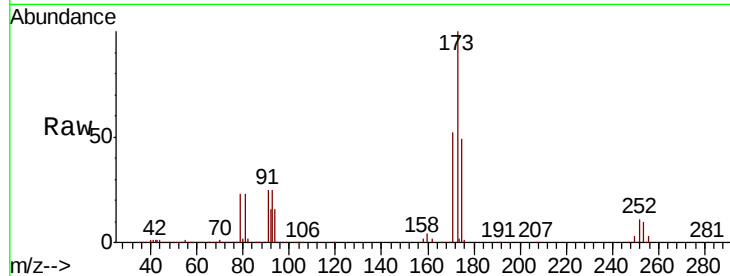
Tgt Ion:173 Resp: 386363

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.4

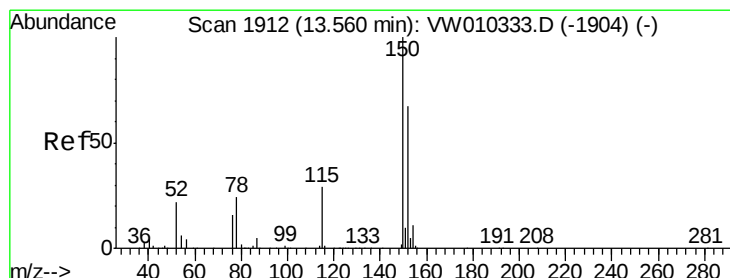
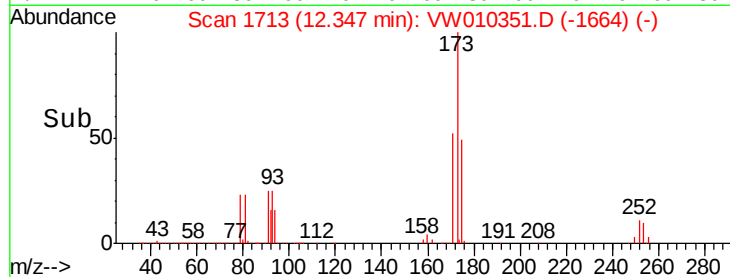
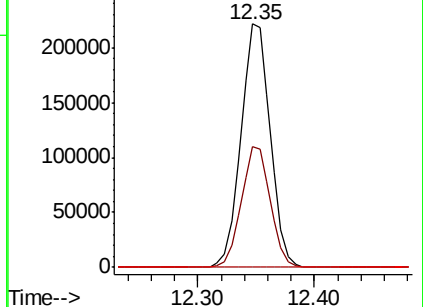
254 0.1 0.1 0.1



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: VW010351.D

Acq: 10 May 2019 12:34

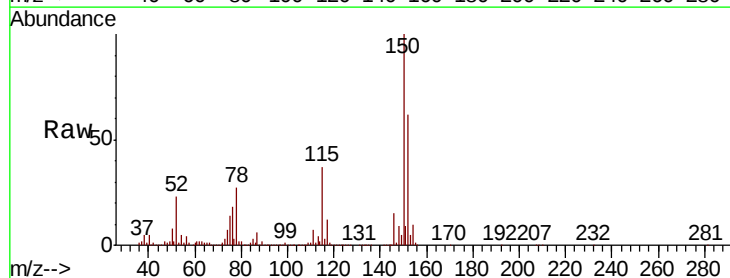
Tgt Ion:152 Resp: 1022910

Ion Ratio Lower Upper

152 100

115 59.3 30.4 91.2

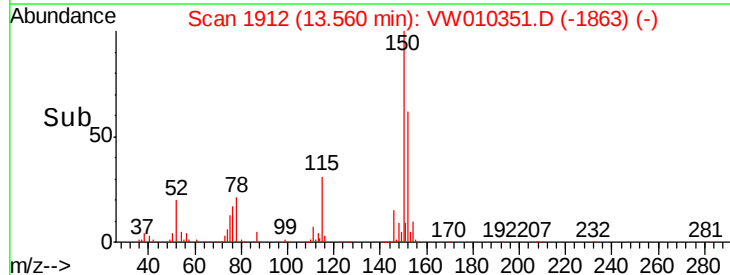
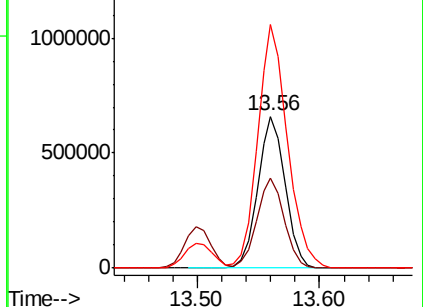
150 175.0 0.0 347.0

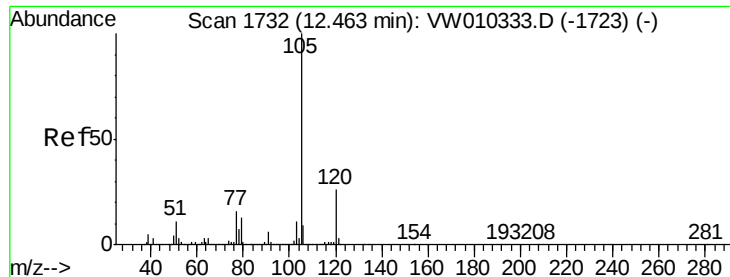


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.395 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

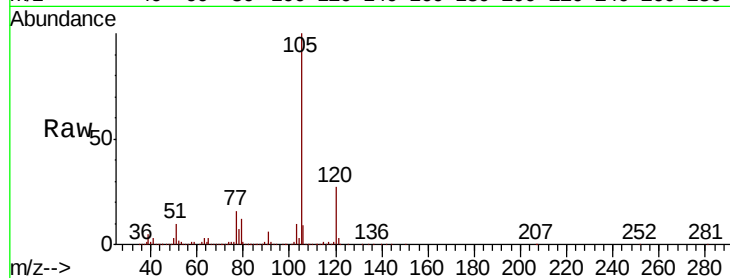
VSTDCCC050

Tgt Ion: 105 Resp: 3906601

Ion Ratio Lower Upper

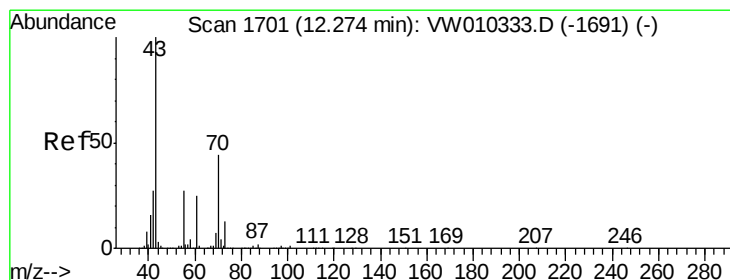
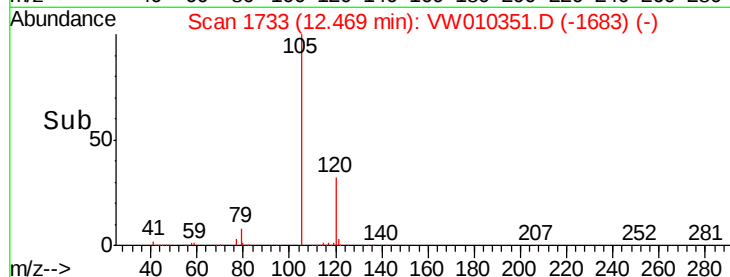
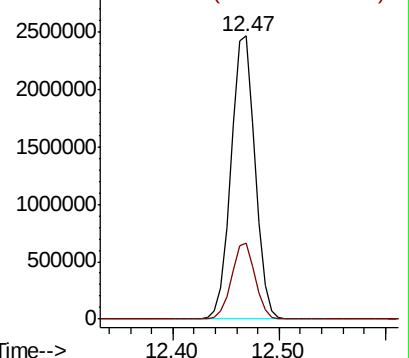
105 100

120 26.4 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.313 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Tgt Ion: 43 Resp: 969161

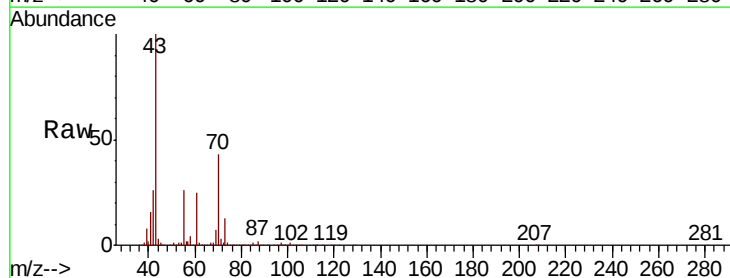
Ion Ratio Lower Upper

43 100

70 43.5 31.3 46.9

55 26.4 20.0 30.0

61 24.4 17.8 26.8

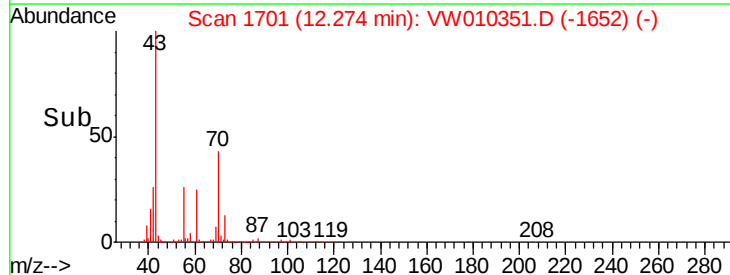
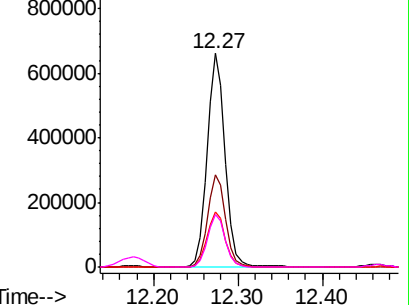


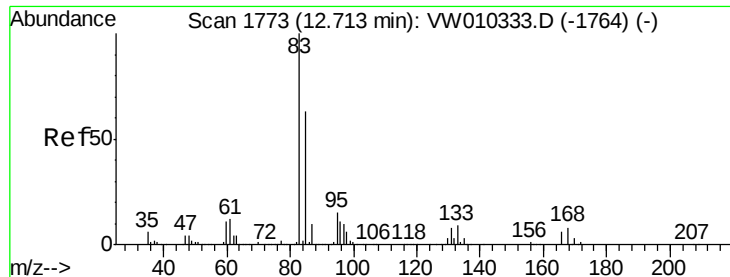
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 44.598 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

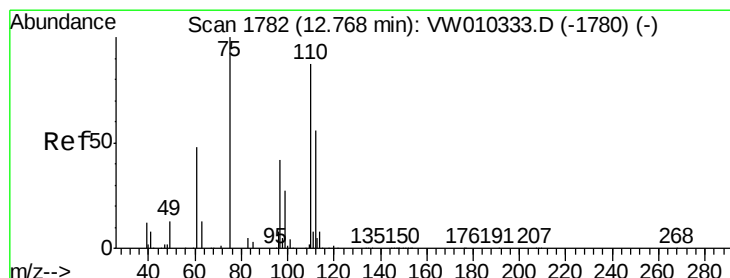
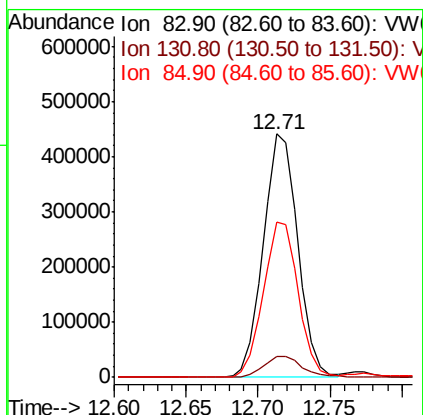
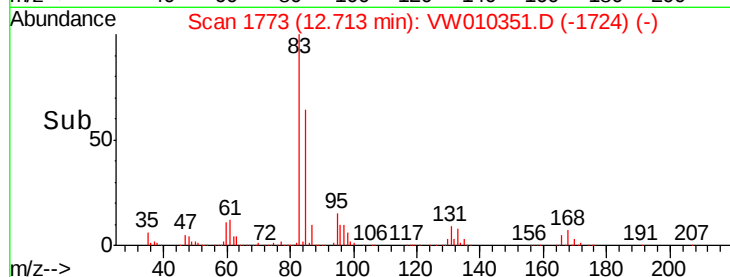
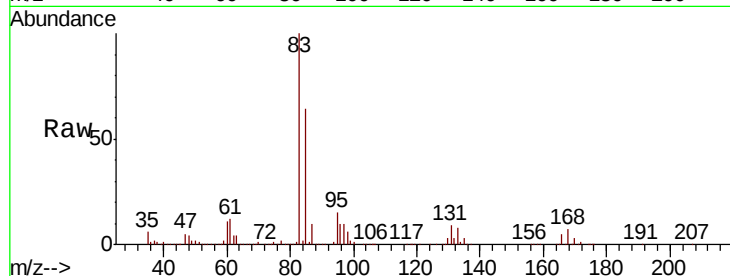
Tgt Ion: 83 Resp: 732672

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 79.983 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010351.D

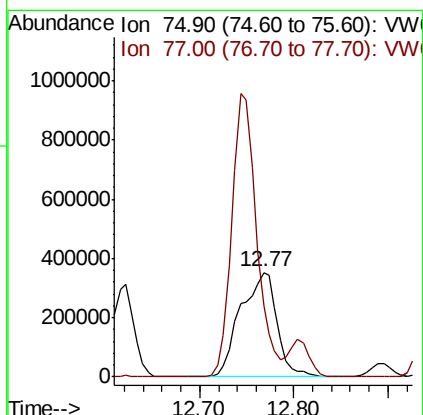
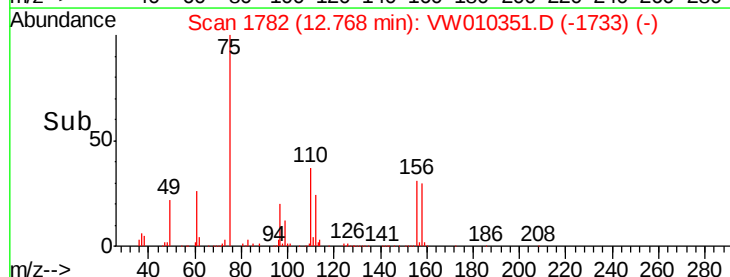
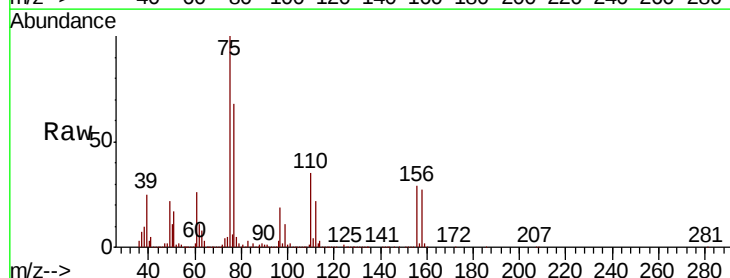
Acq: 10 May 2019 12:34

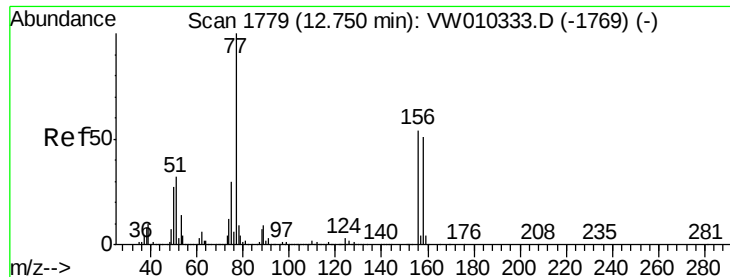
Tgt Ion: 75 Resp: 953898

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

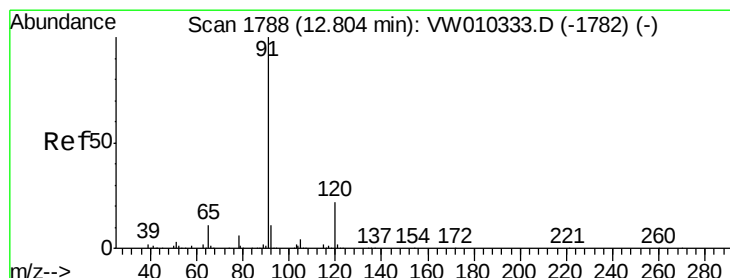
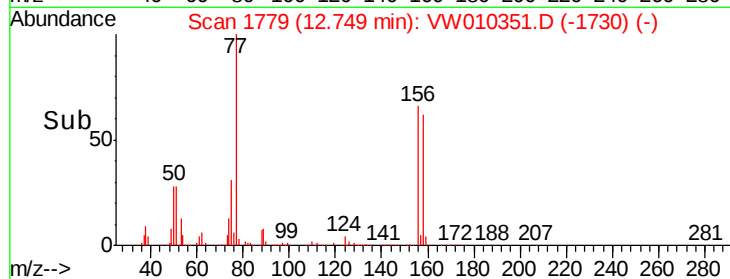
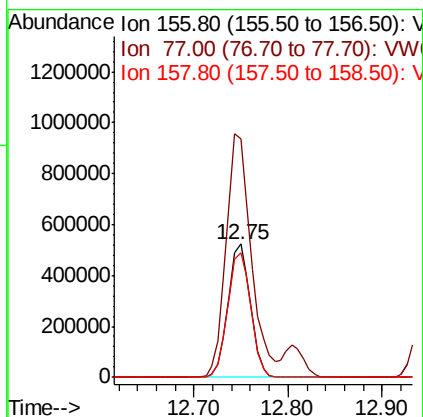
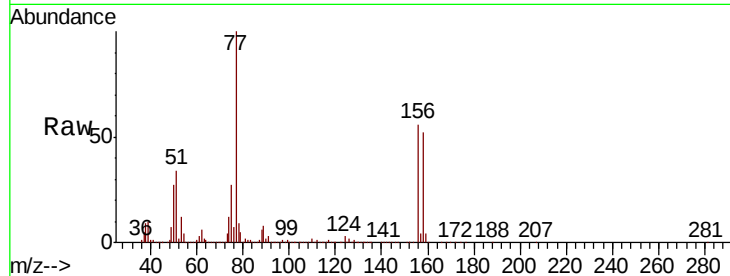




#77
Bromobenzene
Concen: 51.128 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

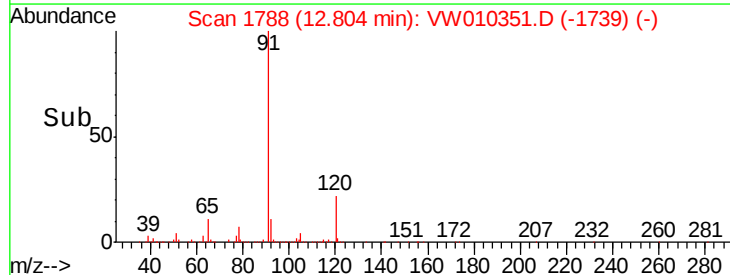
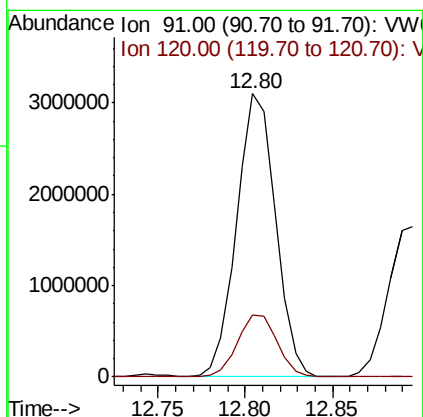
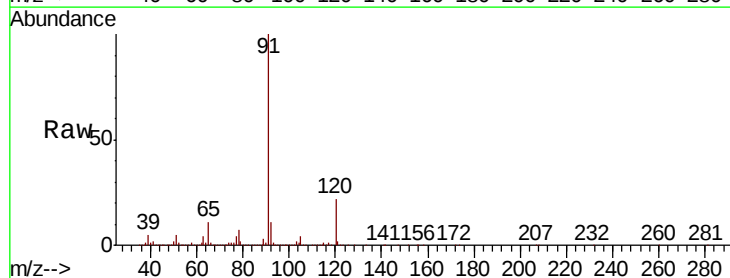
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

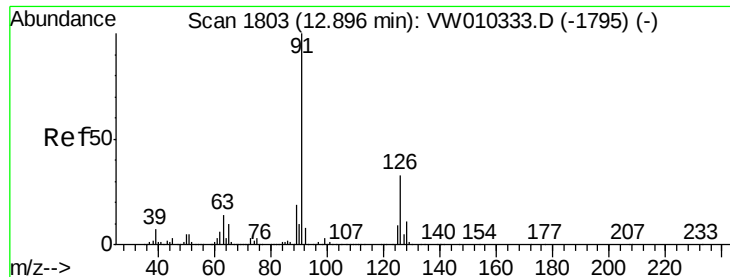
Tgt Ion: 156 Resp: 860756
Ion Ratio Lower Upper
156 100
77 204.8 102.5 307.4
158 96.4 48.8 146.4



#78
n-propylbenzene
Concen: 52.164 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion: 91 Resp: 4803692
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





#79

2-Chlorotoluene

Concen: 51.483 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

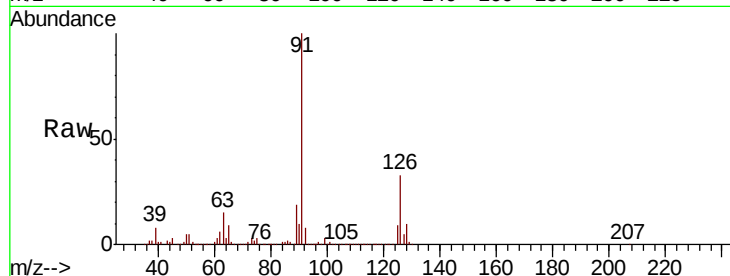
VSTDCCC050

Tgt Ion: 91 Resp: 2699898

Ion Ratio Lower Upper

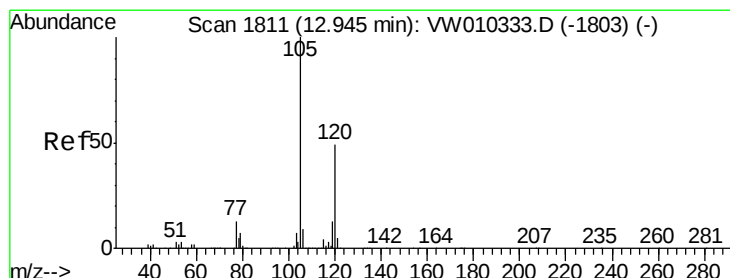
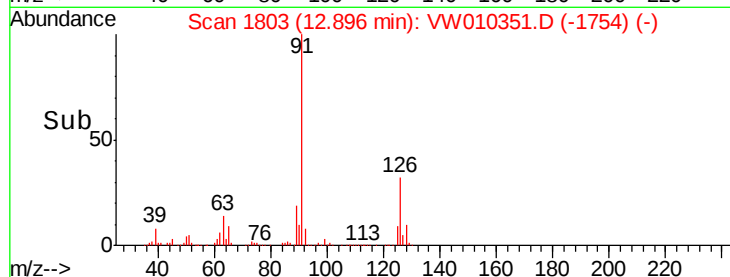
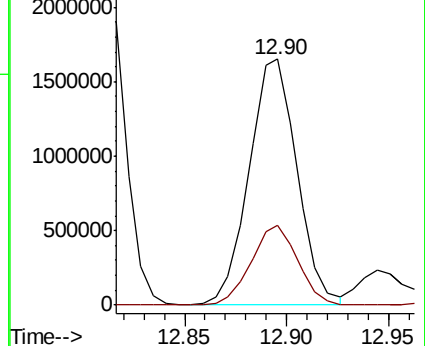
91 100

126 31.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.441 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010351.D

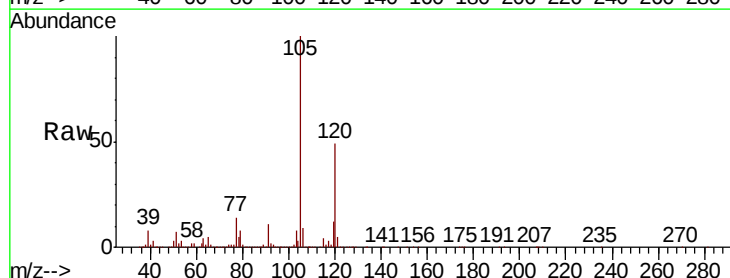
Acq: 10 May 2019 12:34

Tgt Ion: 105 Resp: 3296321

Ion Ratio Lower Upper

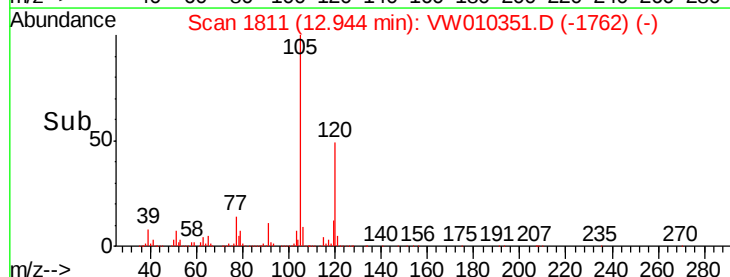
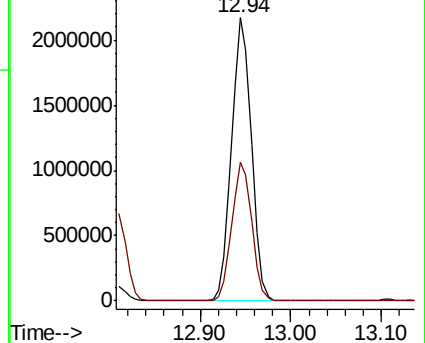
105 100

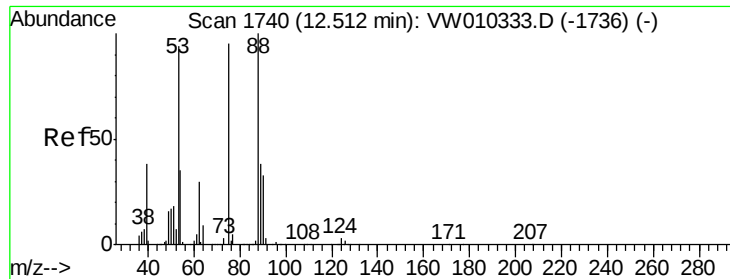
120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

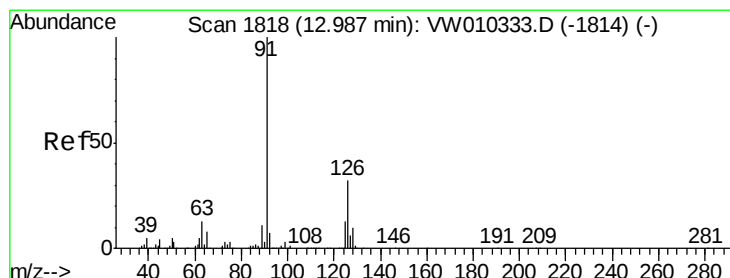
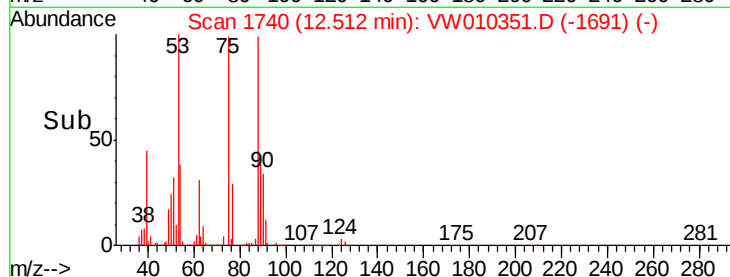
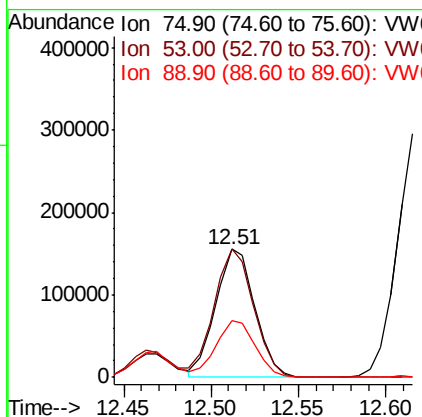
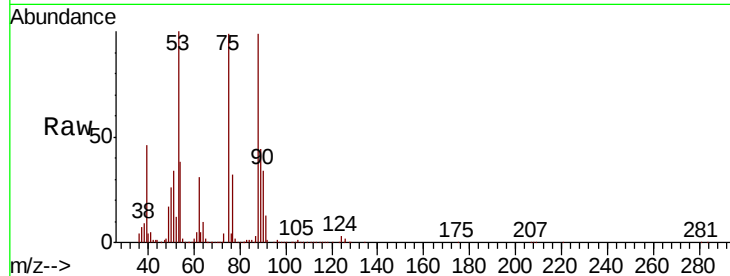




#81
trans-1,4-Dichloro-2-butene
Concen: 45.720 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

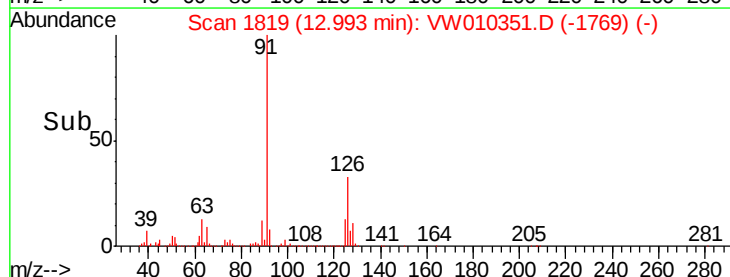
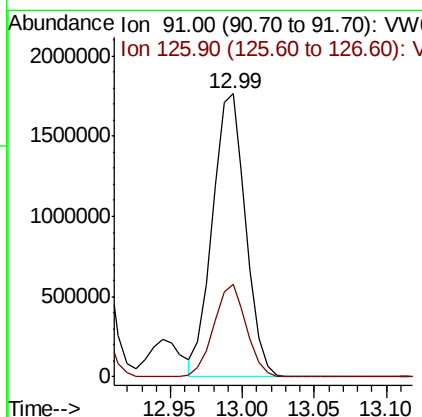
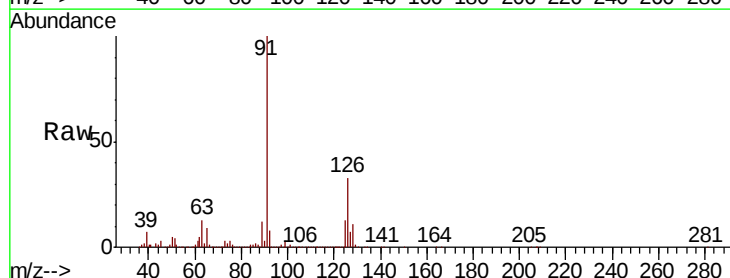
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

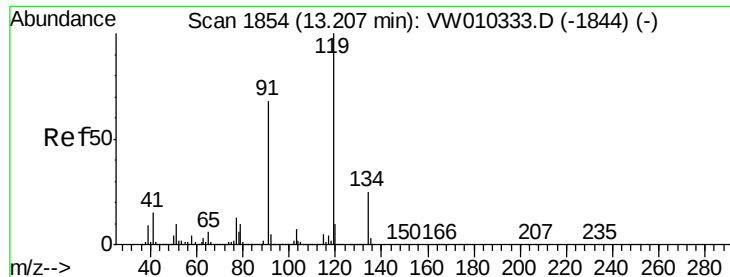
Tgt Ion: 75 Resp: 241452
Ion Ratio Lower Upper
75 100
53 102.5 89.8 134.8
89 44.4 36.6 54.8



#82
4-Chlorotoluene
Concen: 51.472 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion: 91 Resp: 2828243
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1





#83

tert-Butylbenzene

Concen: 52.544 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

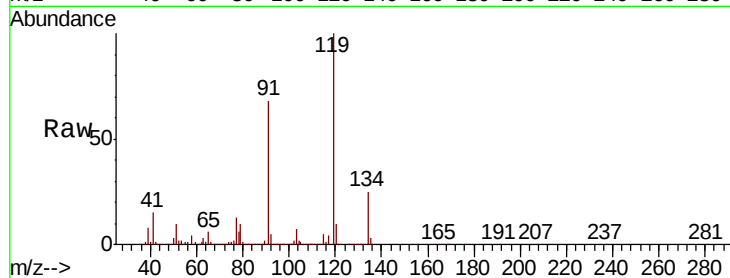
Tgt Ion:119 Resp: 2754840

Ion Ratio Lower Upper

119 100

91 68.2 34.8 104.4

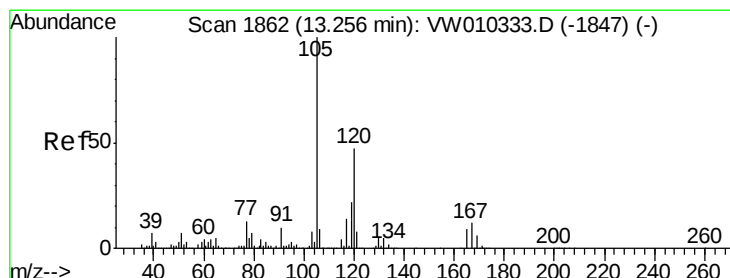
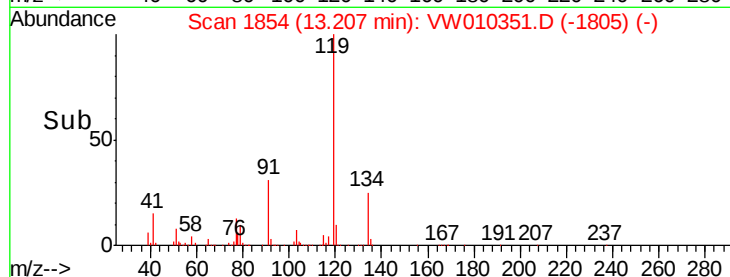
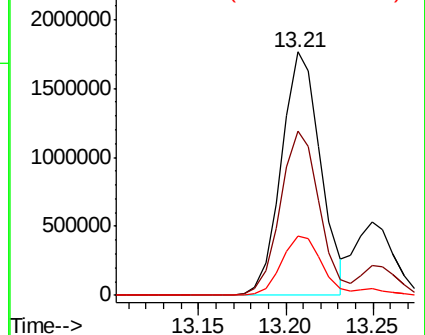
134 27.2 13.7 41.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.898 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW010351.D

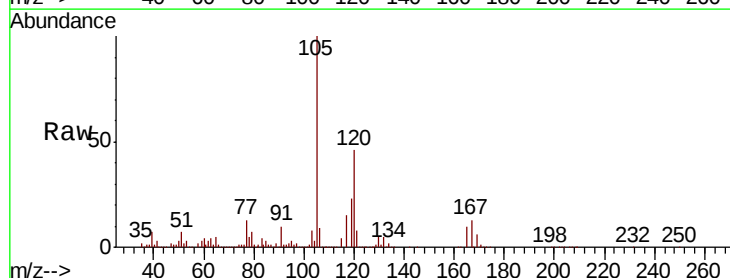
Acq: 10 May 2019 12:34

Tgt Ion:105 Resp: 3304136

Ion Ratio Lower Upper

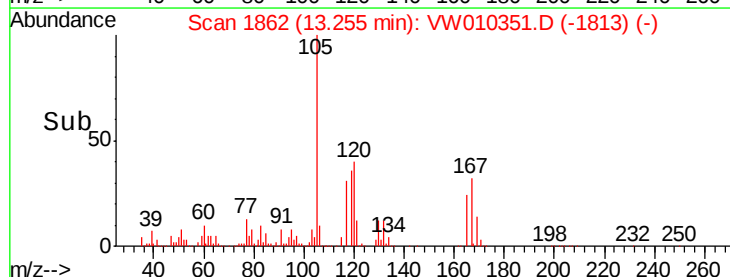
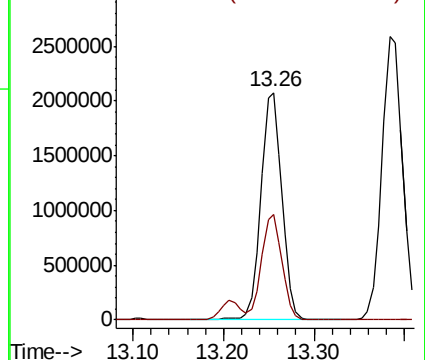
105 100

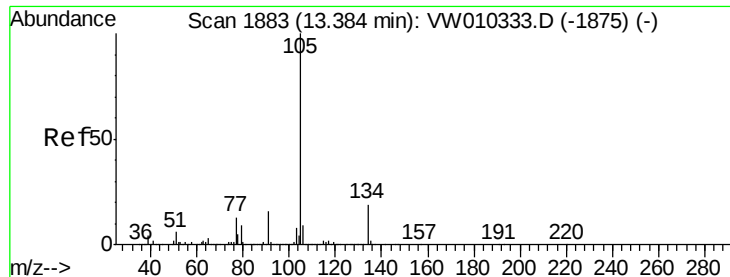
120 45.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

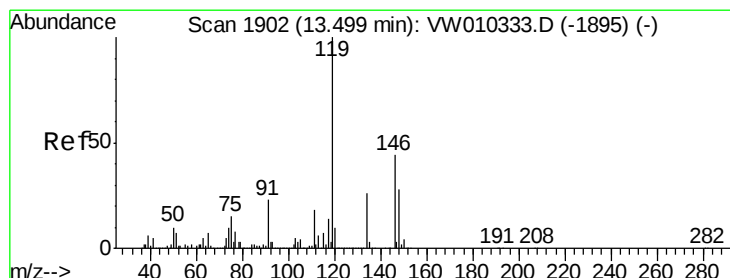
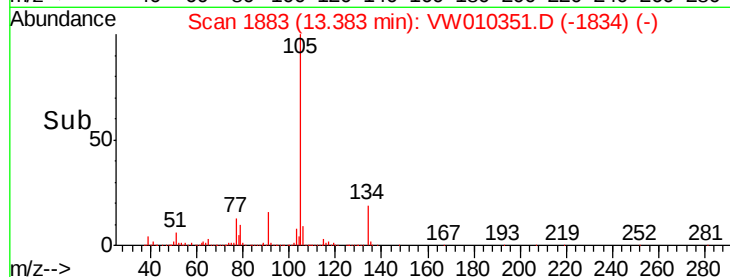
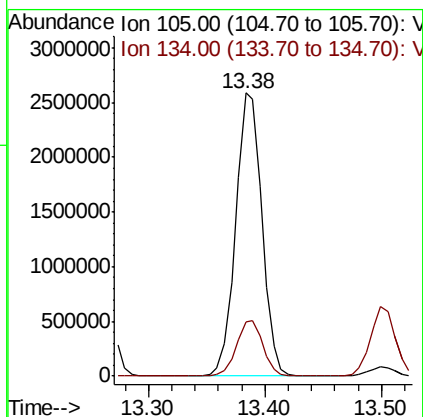
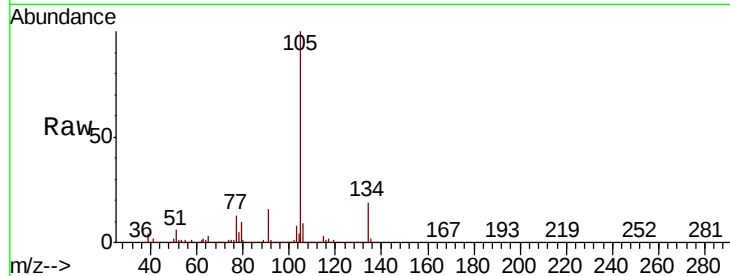




#85
 sec-Butylbenzene
 Concen: 52.274 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

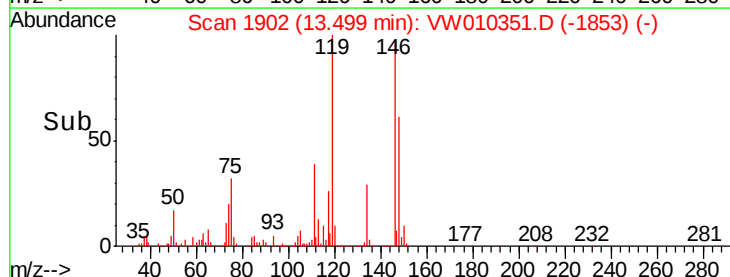
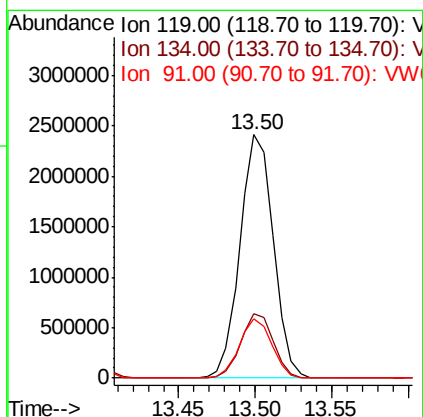
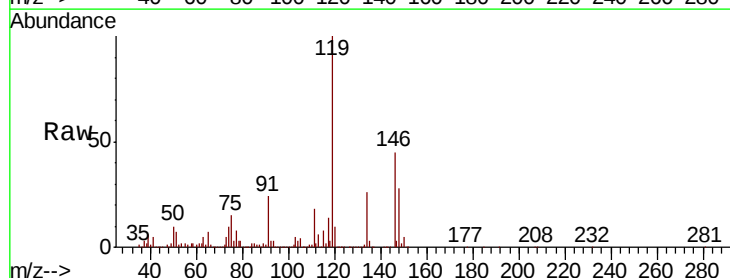
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

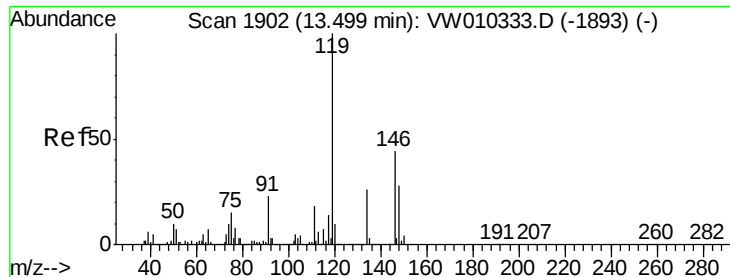
Tgt Ion:105 Resp: 4045890
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 53.049 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion:119 Resp: 3645513
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 23.8 12.3 36.9

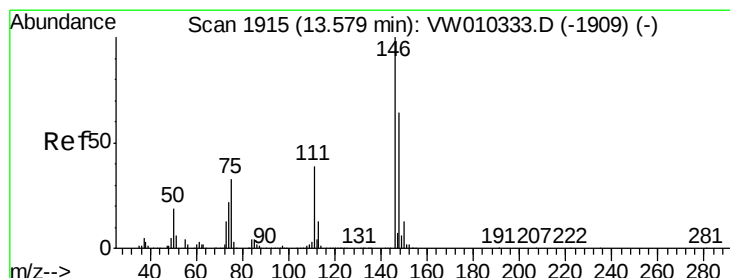
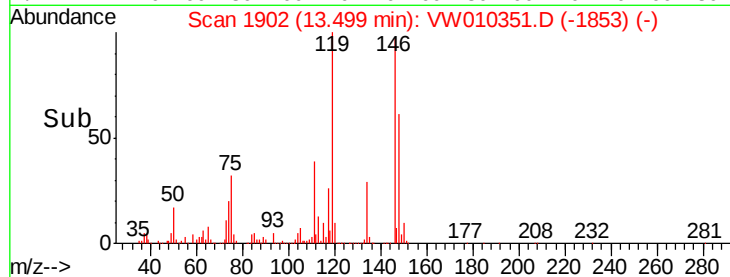
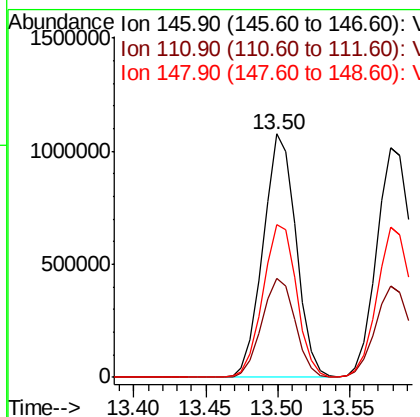
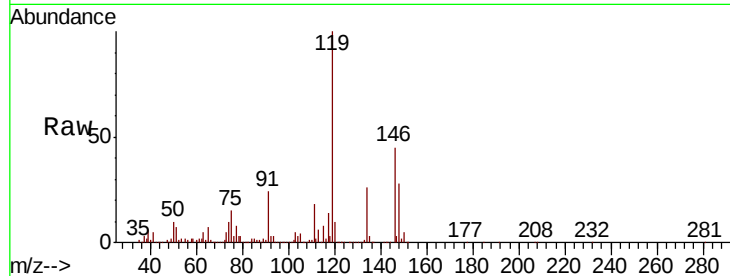




#87
 1,3-Dichlorobenzene
 Concen: 50.683 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

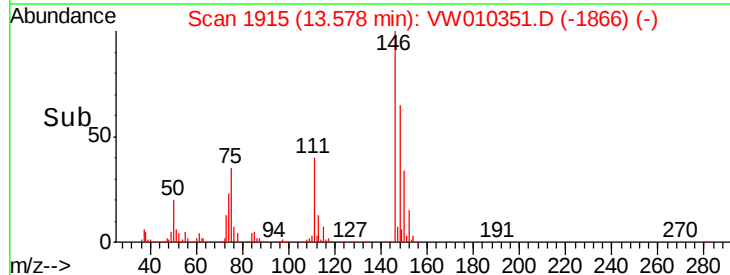
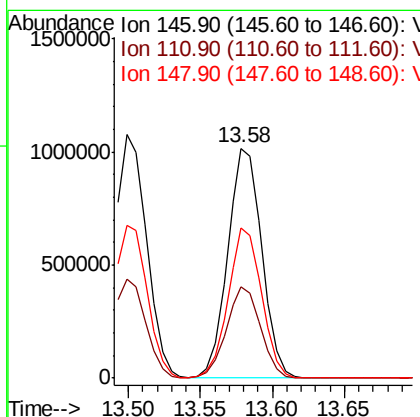
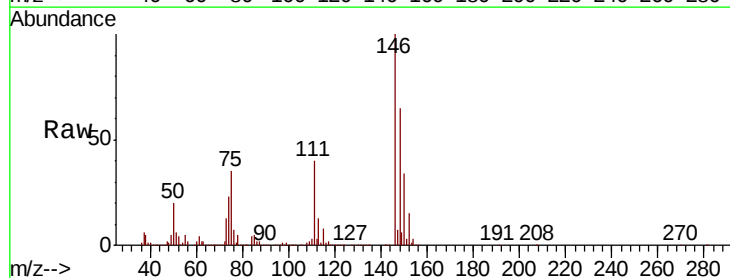
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

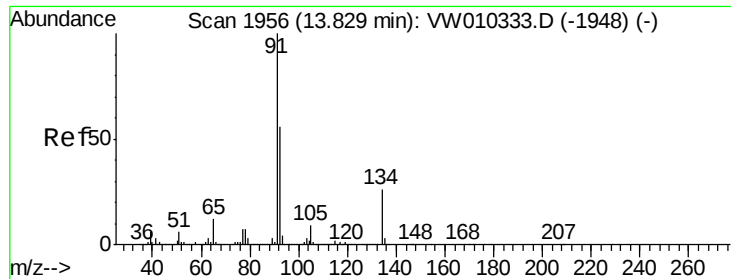
Tgt Ion:146 Resp: 1703819
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.284 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion:146 Resp: 1677548
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.3
 148 64.2 31.8 95.3





#89

n-Butylbenzene

Concen: 53.059 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010351.D

Acq: 10 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

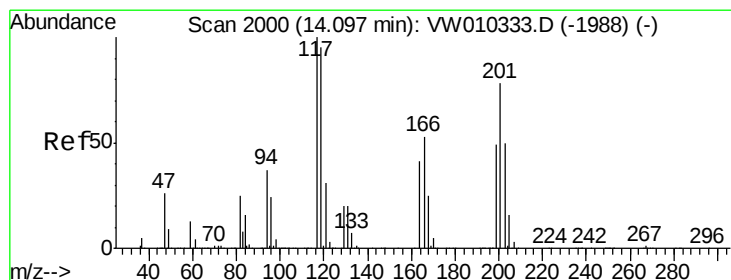
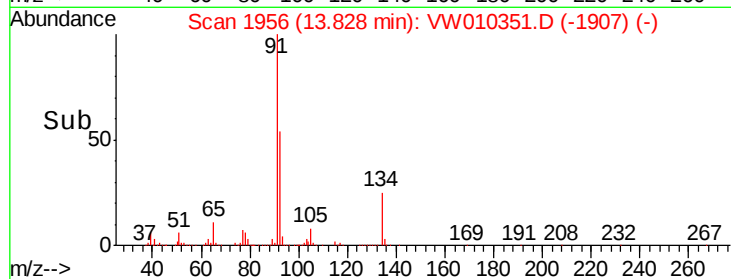
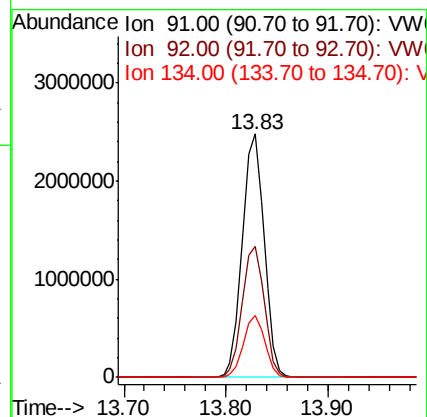
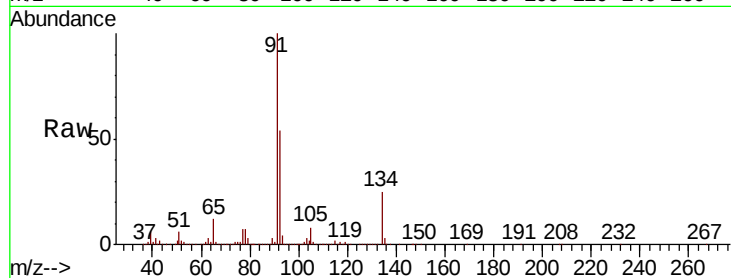
Tgt Ion: 91 Resp: 3656035

Ion Ratio Lower Upper

91 100

92 54.5 26.5 79.4

134 24.8 12.4 37.0



#90

Hexachloroethane

Concen: 49.928 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010351.D

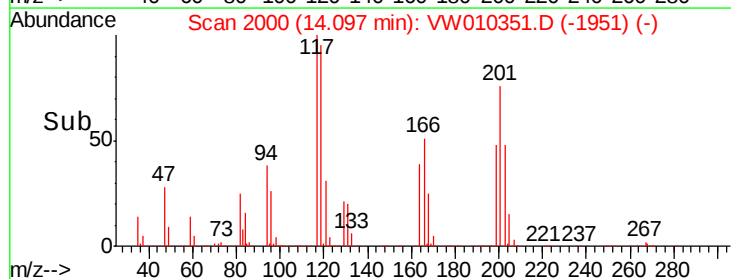
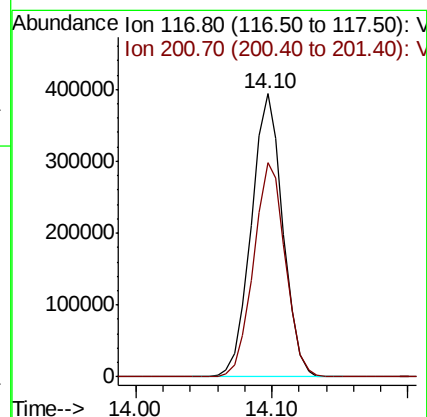
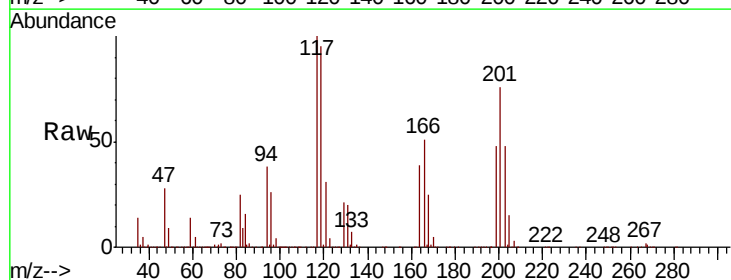
Acq: 10 May 2019 12:34

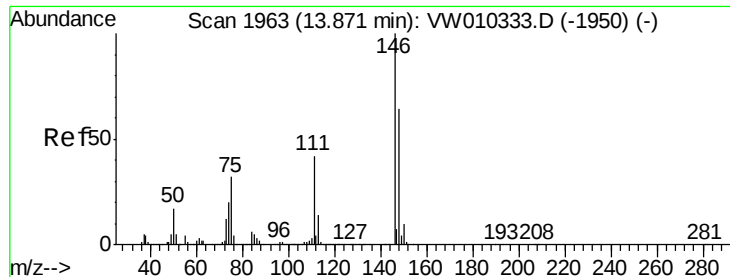
Tgt Ion: 117 Resp: 636377

Ion Ratio Lower Upper

117 100

201 76.8 36.1 108.3

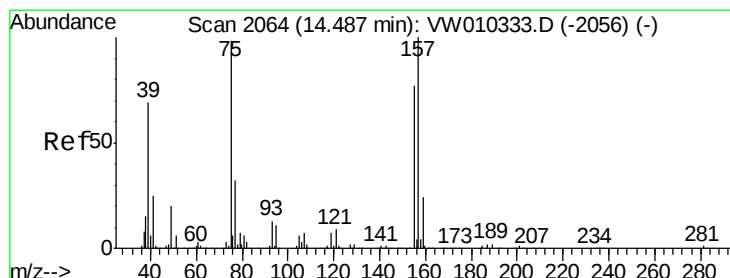
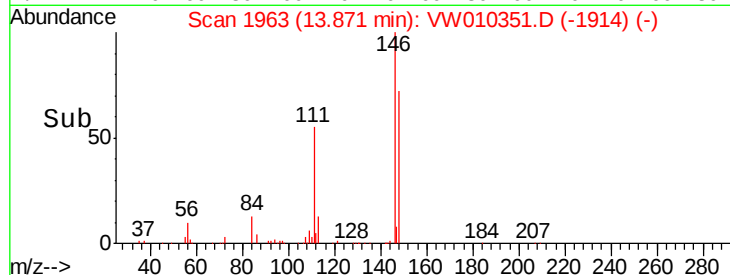
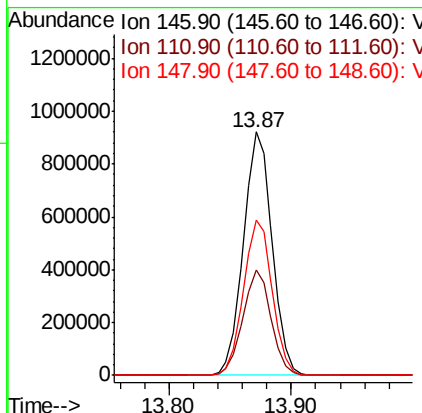
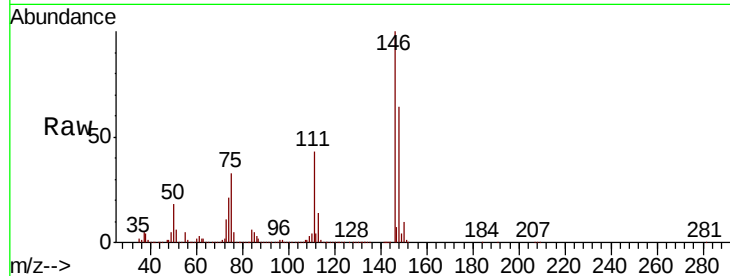




#91
 1,2-Dichlorobenzene
 Concen: 50.273 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

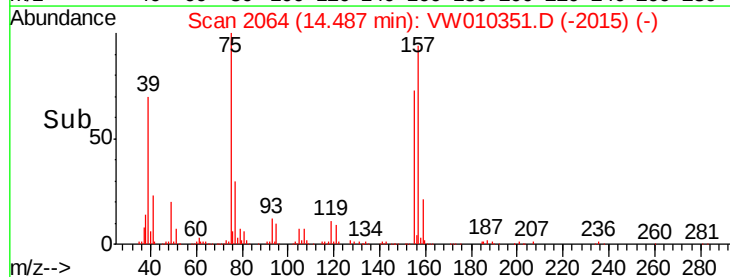
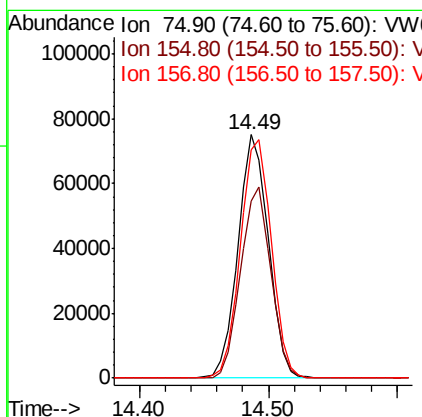
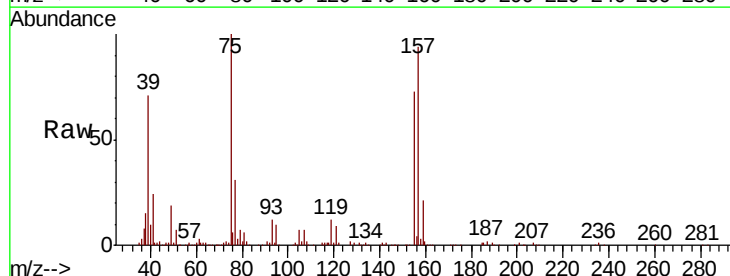
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

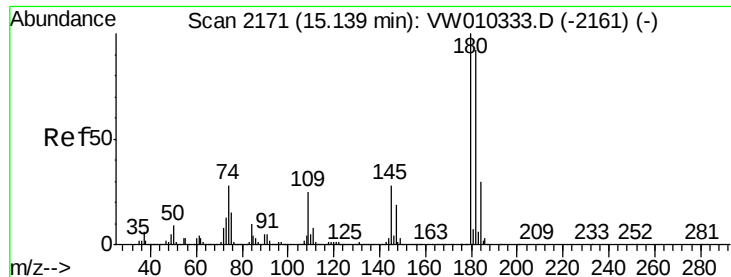
Tgt Ion:146 Resp: 1496047
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.9 62.8
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.244 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion: 75 Resp: 122014
 Ion Ratio Lower Upper
 75 100
 155 78.0 37.1 111.5
 157 100.0 47.3 141.9

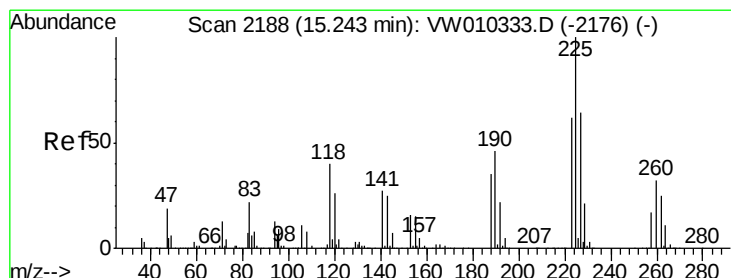
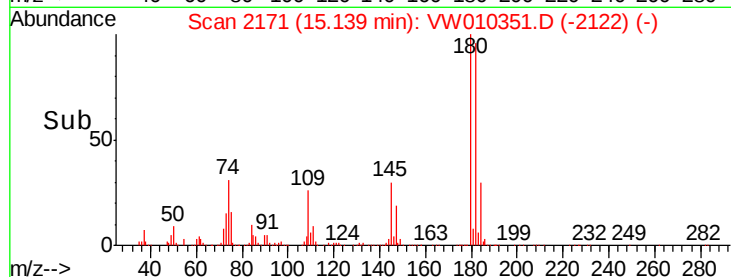
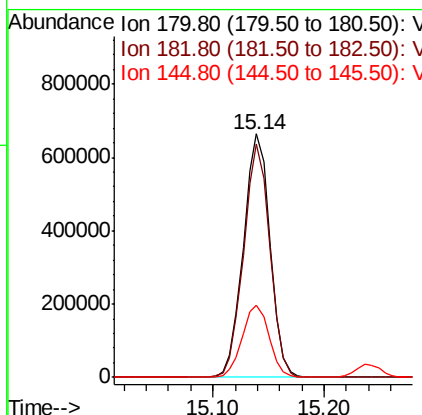
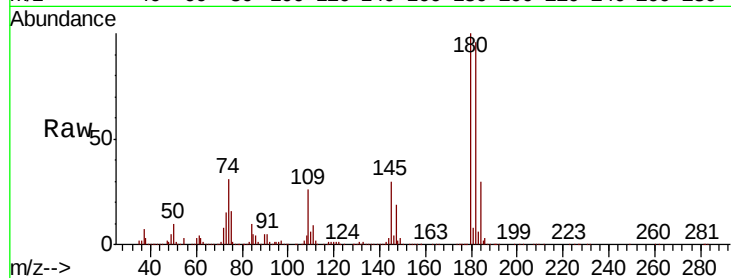




#93
 1,2,4-Trichlorobenzene
 Concen: 54.154 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

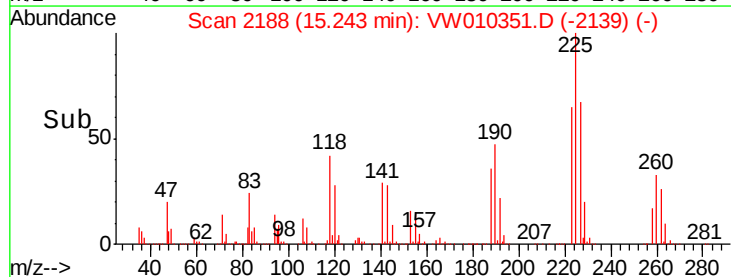
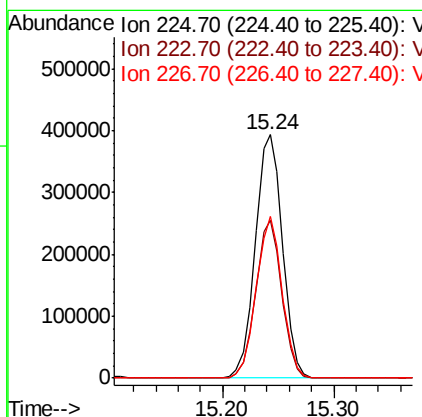
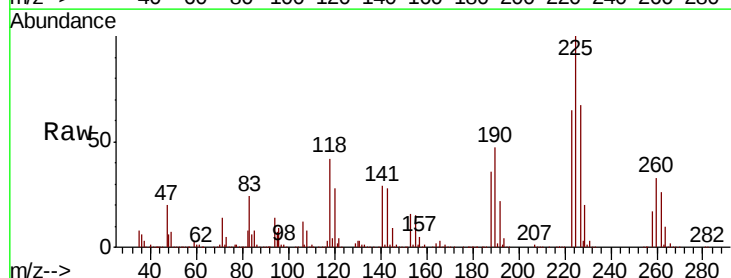
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

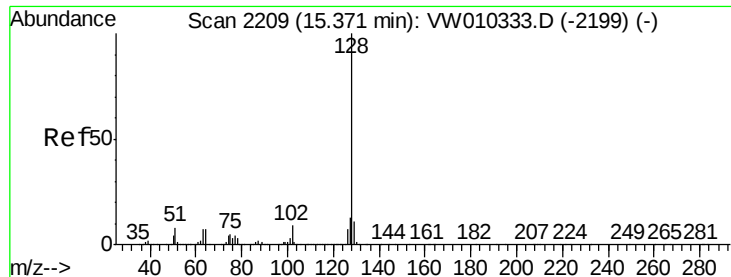
Tgt Ion:180 Resp: 1099857
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.1 141.4
 145 30.1 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 51.273 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010351.D
 Acq: 10 May 2019 12:34

Tgt Ion:225 Resp: 667579
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.5
 227 63.6 31.8 95.3

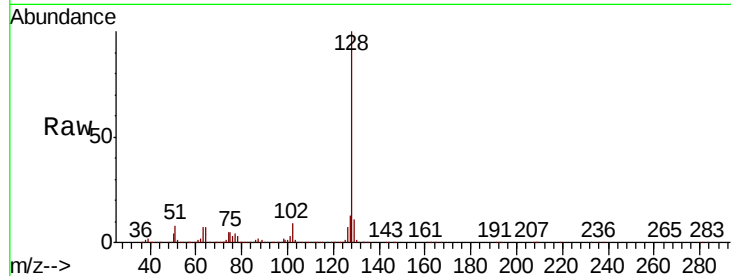




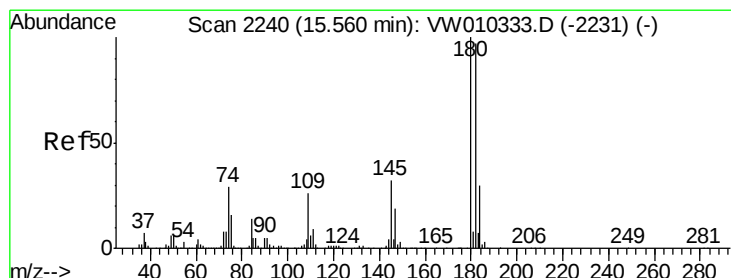
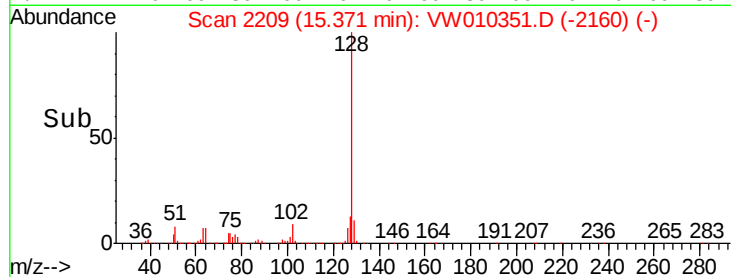
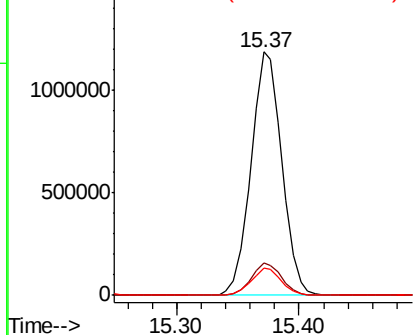
#95
Naphthalene
Concen: 45.056 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 2072731
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.7 13.1

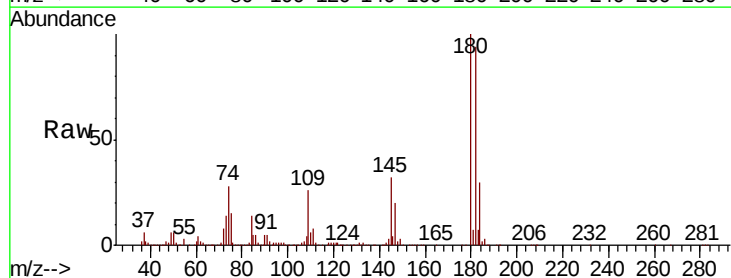


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.463 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW010351.D
Acq: 10 May 2019 12:34

Tgt Ion:180 Resp: 962581
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 32.6 16.4 49.2



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

