

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041819\
 Data File : VW010058.D
 Acq On : 18 Apr 2019 21:08
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 19 01:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	331359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	544335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	525300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	273631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	231178	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
35) Dibromofluoromethane	7.88	113	180856	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.32	98	676083	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	253540	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	109064	43.167	ug/l	98
3) Chloromethane	2.22	50	125057	49.496	ug/l	98
4) Vinyl Chloride	2.37	62	142176	48.410	ug/l	97
5) Bromomethane	2.77	94	103941	52.662	ug/l	98
6) Chloroethane	2.92	64	101589	52.940	ug/l	97
7) Trichlorofluoromethane	3.25	101	72793	35.848	ug/l	97
8) Diethyl Ether	3.67	74	89855	53.197	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	165028	48.298	ug/l	99
10) Methyl Iodide	4.26	142	251157	53.190	ug/l	99
11) Tert butyl alcohol	5.18	59	72478	311.169	ug/l	99
12) 1,1-Dichloroethene	4.03	96	171274	52.285	ug/l	94
13) Acrolein	3.89	56	60966	248.799	ug/l	96
14) Allyl chloride	4.65	41	239066	41.049	ug/l	98
15) Acrylonitrile	5.36	53	253682	291.836	ug/l	99
16) Acetone	4.12	43	216472	228.161	ug/l	94
17) Carbon Disulfide	4.38	76	487607	49.426	ug/l	99
18) Methyl Acetate	4.67	43	134091	61.066	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	251852	59.192	ug/l	100
20) Methylene Chloride	4.91	84	210541	57.736	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	195554	55.128	ug/l	96
22) Diisopropyl ether	6.31	45	667387	56.495	ug/l	98
23) Vinyl Acetate	6.25	43	2351341	316.185	ug/l	99
24) 1,1-Dichloroethane	6.21	63	376597	53.328	ug/l	98
25) 2-Butanone	7.17	43	417559	335.035	ug/l	97
26) 2,2-Dichloropropane	7.16	77	162404	41.567	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	215492	55.237	ug/l	99
28) Bromochloromethane	7.51	49	172290	59.699	ug/l	96
29) Tetrahydrofuran	7.52	42	279155	353.493	ug/l	99
30) Chloroform	7.67	83	386207	54.578	ug/l	100
31) Cyclohexane	7.95	56	324201	49.025	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	269966	48.598	ug/l	99
36) 1,1-Dichloropropene	8.08	75	289788	52.118	ug/l	99
37) Ethyl Acetate	7.25	43	189281	66.992	ug/l	99
38) Carbon Tetrachloride	8.06	117	266936	49.190	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041819\
 Data File : VW010058.D
 Acq On : 18 Apr 2019 21:08
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Apr 19 01:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	323451	47.858	ug/l	97
40) Benzene	8.32	78	829241	54.544	ug/l	99
41) Methacrylonitrile	7.48	41	109848	68.216	ug/l	97
42) 1,2-Dichloroethane	8.40	62	299814	57.383	ug/l	100
43) Isopropyl Acetate	8.42	43	345207	65.200	ug/l	97
44) Trichloroethene	9.09	130	201768	52.252	ug/l	100
45) 1,2-Dichloropropane	9.37	63	222317	55.632	ug/l	98
46) Dibromomethane	9.45	93	124317	60.021	ug/l	99
47) Bromodichloromethane	9.64	83	302400	56.559	ug/l	99
48) Methyl methacrylate	9.43	41	167497	64.990	ug/l	98
49) 1,4-Dioxane	9.45	88	43221	1365.687	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	964642	347.863	ug/l	100
52) Toluene	10.38	92	519683	54.874	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	304298	57.404	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	340661	56.280	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	170937	59.130	ug/l	98
56) Ethyl methacrylate	10.65	69	249493	61.509	ug/l	99
57) 1,3-Dichloropropane	10.93	76	313952	60.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	621194	375.333	ug/l	100
59) 2-Hexanone	10.97	43	676933	350.680	ug/l	100
60) Dibromochloromethane	11.13	129	198005	59.261	ug/l	99
61) 1,2-Dibromoethane	11.23	107	167125	60.772	ug/l	99
64) Tetrachloroethene	10.86	164	191107	56.042	ug/l	99
65) Chlorobenzene	11.66	112	549682	51.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	206440	53.693	ug/l	99
67) Ethyl Benzene	11.73	91	1001513	52.210	ug/l	99
68) m/p-Xylenes	11.84	106	750219	104.626	ug/l	99
69) o-Xylene	12.16	106	351815	53.885	ug/l	98
70) Styrene	12.18	104	640007	56.853	ug/l	99
71) Bromoform	12.35	173	118302	58.189	ug/l #	100
73) Isopropylbenzene	12.46	105	949256	49.845	ug/l	100
74) N-amyl acetate	12.27	43	331238	62.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	221668	58.915	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	286469	104.603	ug/l #	100
77) Bromobenzene	12.75	156	233471	53.305	ug/l	98
78) n-propylbenzene	12.80	91	1177327	49.881	ug/l	99
79) 2-Chlorotoluene	12.89	91	686184	50.549	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	839557	51.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	66495	57.252	ug/l	98
82) 4-Chlorotoluene	12.99	91	730433	51.127	ug/l	99
83) tert-Butylbenzene	13.21	119	671778	50.239	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	850003	51.921	ug/l	100
85) sec-Butylbenzene	13.38	105	970258	48.555	ug/l	99
86) p-Isopropyltoluene	13.50	119	893653	50.739	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	449643	50.786	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	444340	50.280	ug/l	99
89) n-Butylbenzene	13.83	91	871085	49.920	ug/l	99
90) Hexachloroethane	14.10	117	168105	49.833	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	419218	52.808	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41311	61.353	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041819\
Data File : VW010058.D
Acq On : 18 Apr 2019 21:08
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 19 01:58:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 11:26:35 2019
Response via : Initial Calibration

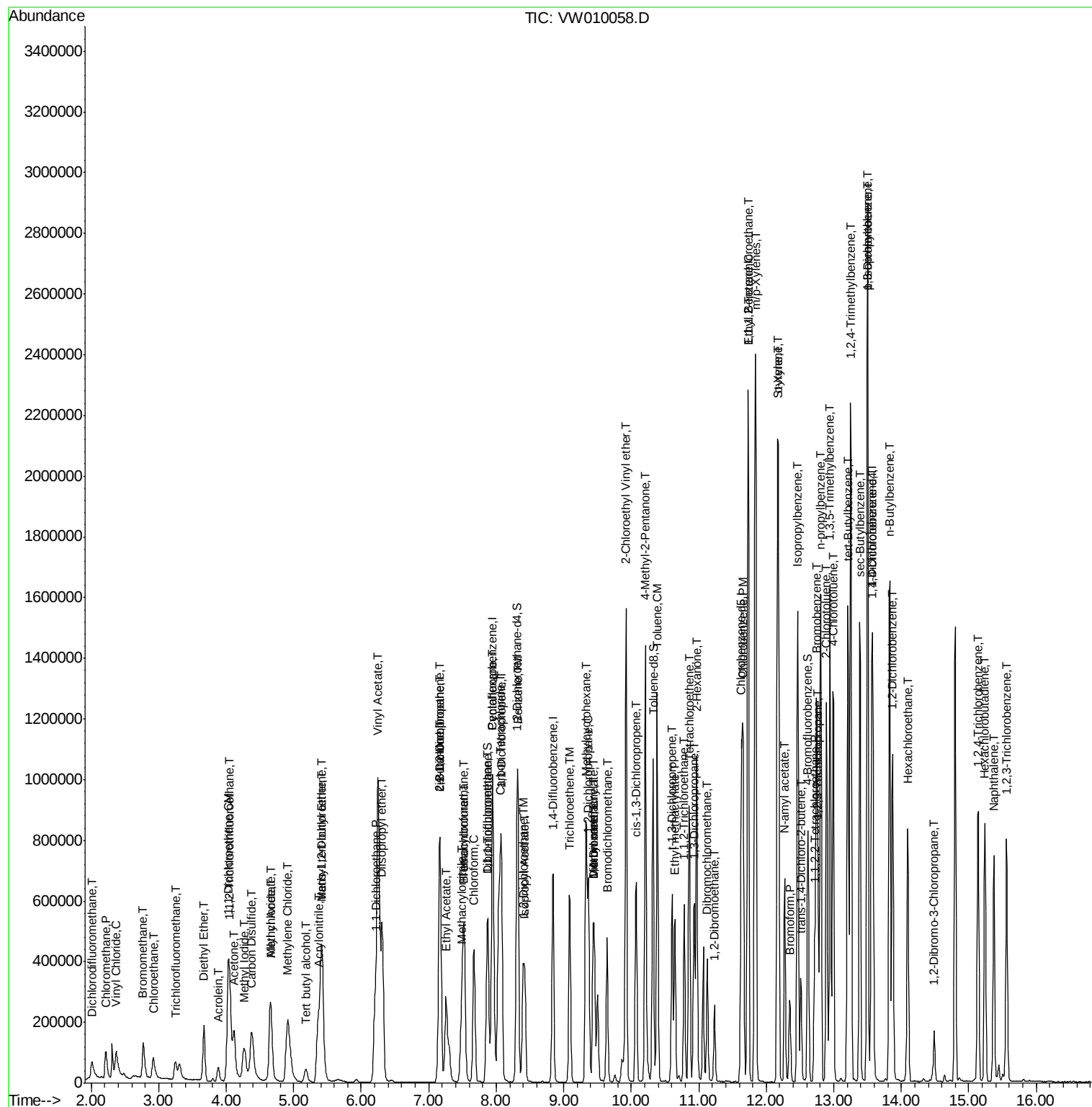
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	272779	52.084	ug/l	99
94) Hexachlorobutadiene	15.24	225	154061	48.441	ug/l	99
95) Naphthalene	15.37	128	594714	56.816	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	258236	56.833	ug/l	99

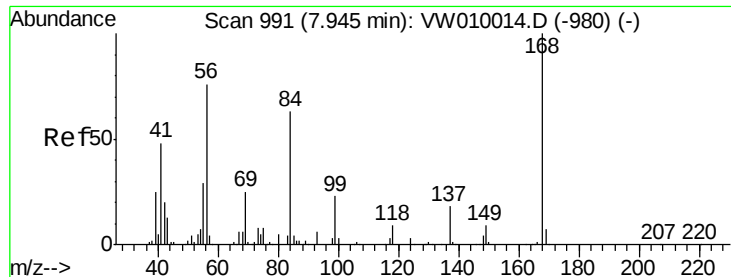
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW041819\
Data File : VW010058.D
Acq On : 18 Apr 2019 21:08
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VSTDCCC050EC

Quant Time: Apr 19 01:58:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 11:26:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

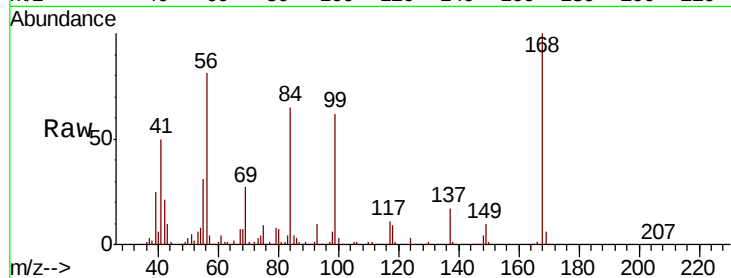
VSTDCCC050EC

Tgt Ion:168 Resp: 331359

Ion Ratio Lower Upper

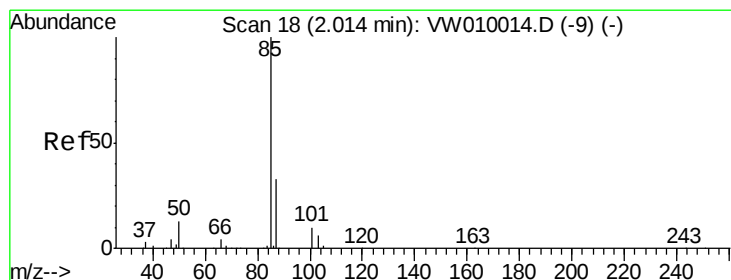
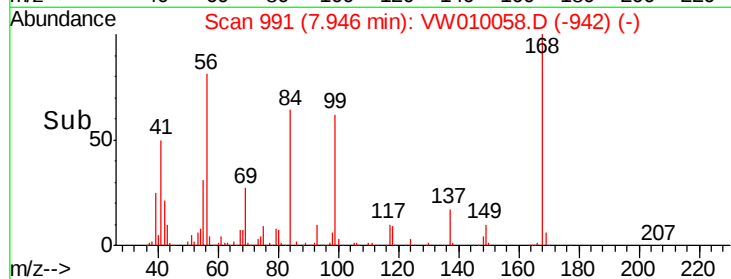
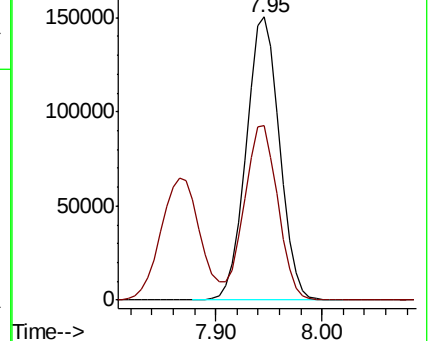
168 100

99 61.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 43.167 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW010058.D

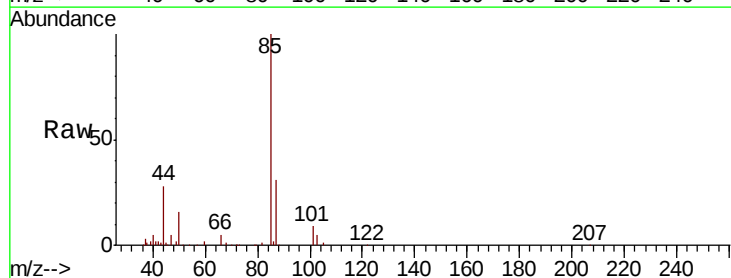
Acq: 18 Apr 2019 21:08

Tgt Ion: 85 Resp: 109064

Ion Ratio Lower Upper

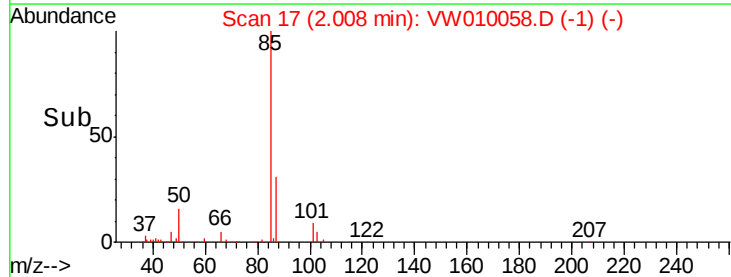
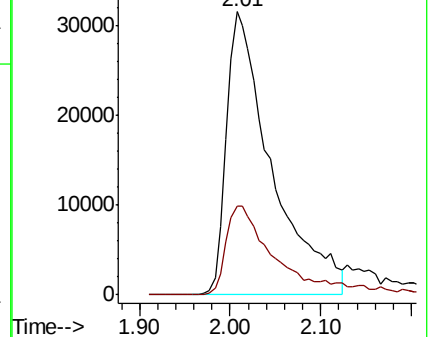
85 100

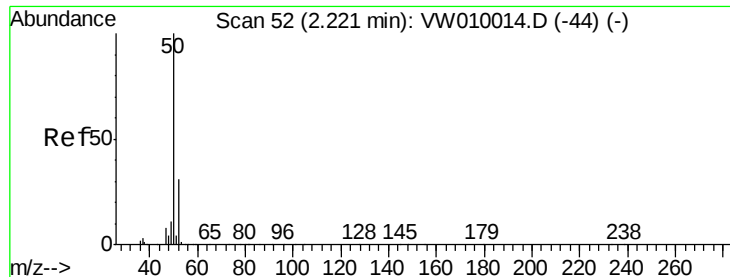
87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.496 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

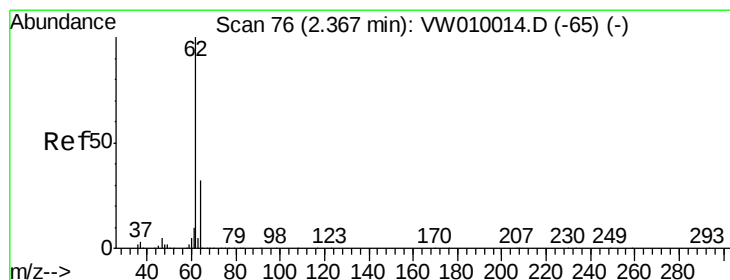
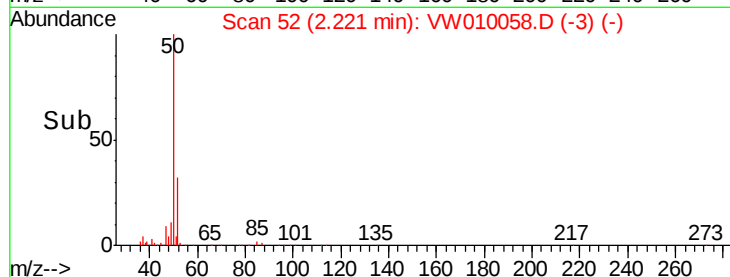
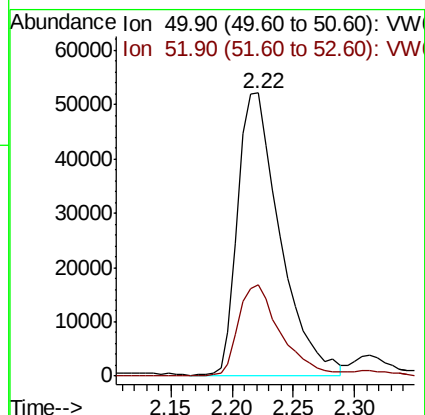
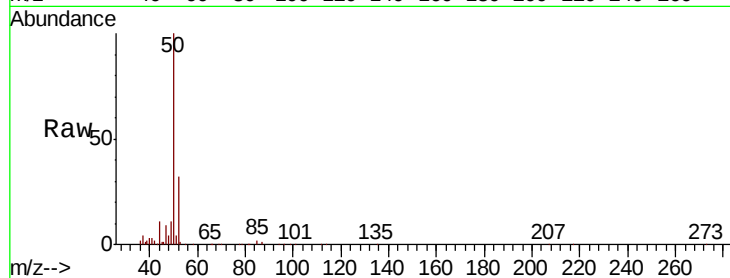
VSTDCCC050EC

Tgt Ion: 50 Resp: 125057

Ion Ratio Lower Upper

50 100

52 32.2 25.0 37.6



#4

Vinyl Chloride

Concen: 48.410 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010058.D

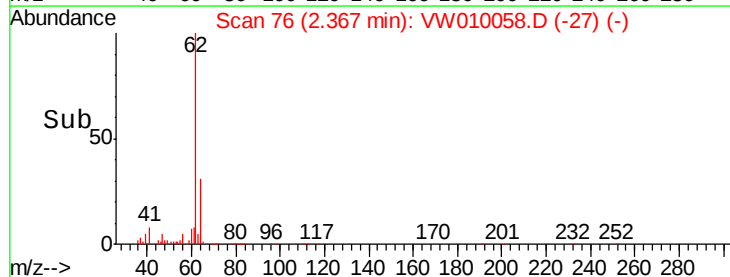
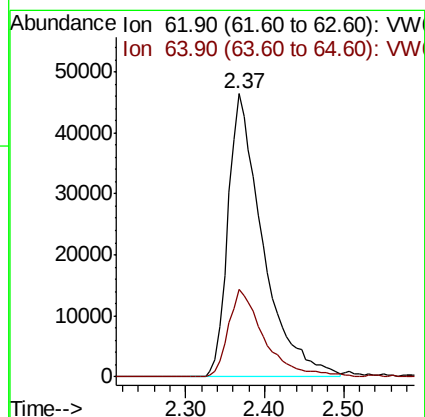
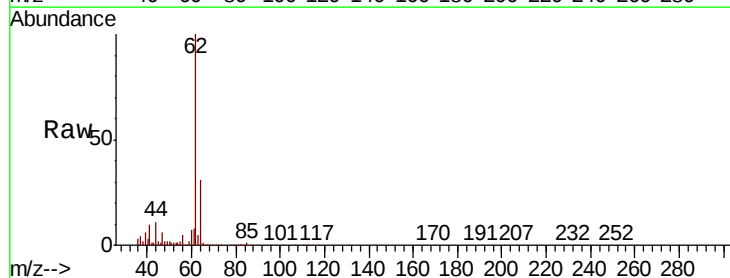
Acq: 18 Apr 2019 21:08

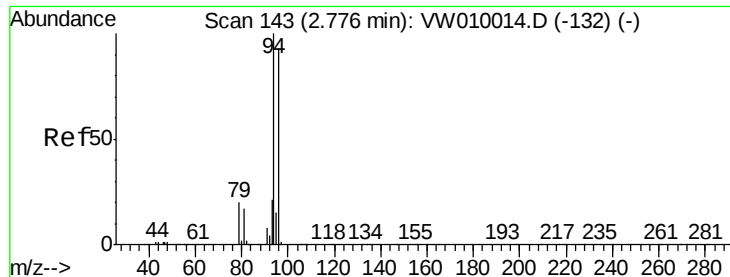
Tgt Ion: 62 Resp: 142176

Ion Ratio Lower Upper

62 100

64 30.8 25.9 38.9





#5

Bromomethane

Concen: 52.662 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

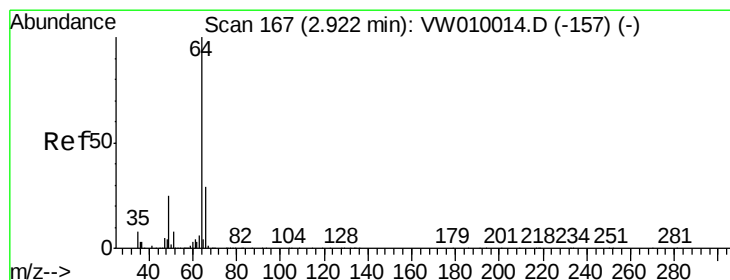
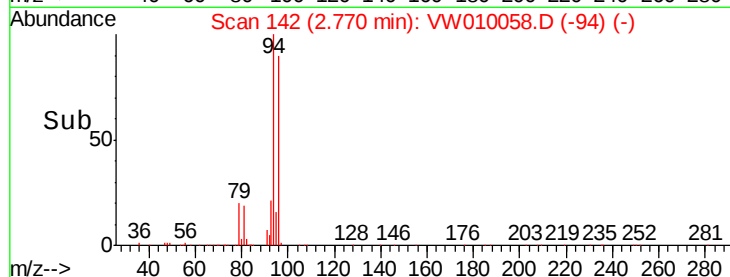
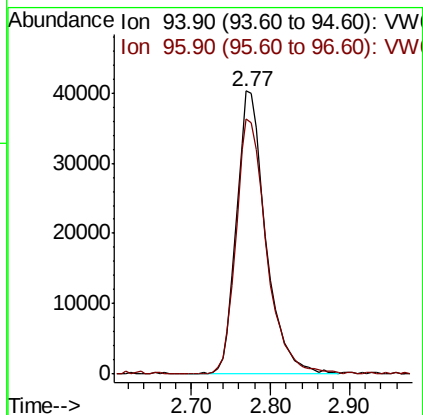
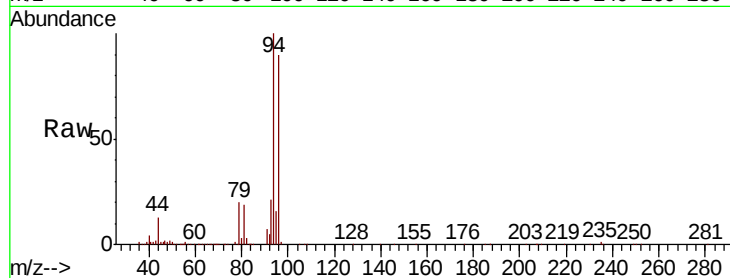
VSTDCCC050EC

Tgt Ion: 94 Resp: 103941

Ion Ratio Lower Upper

94 100

96 90.3 74.2 111.2



#6

Chloroethane

Concen: 52.940 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010058.D

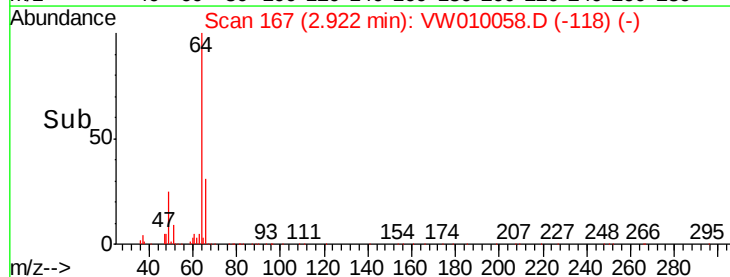
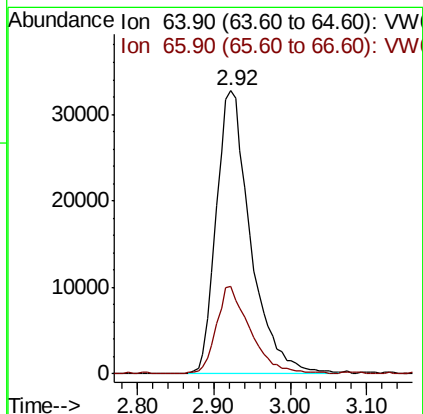
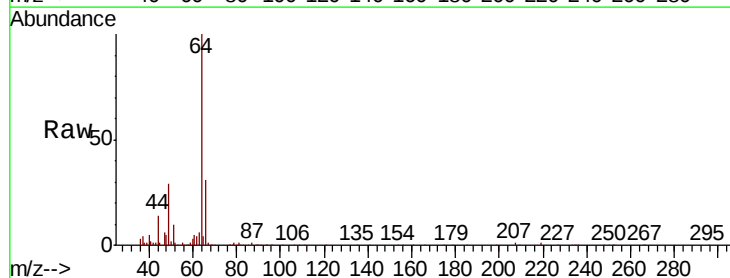
Acq: 18 Apr 2019 21:08

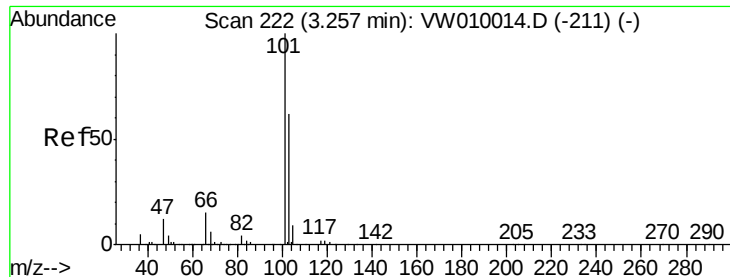
Tgt Ion: 64 Resp: 101589

Ion Ratio Lower Upper

64 100

66 30.7 23.4 35.0



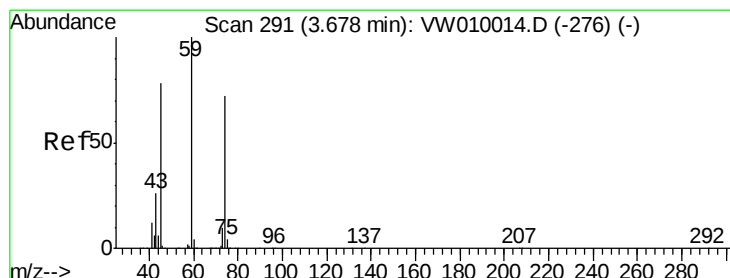
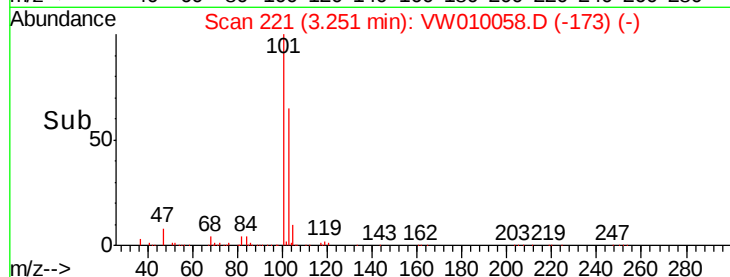
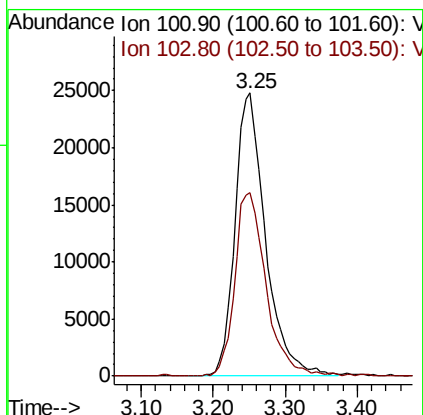
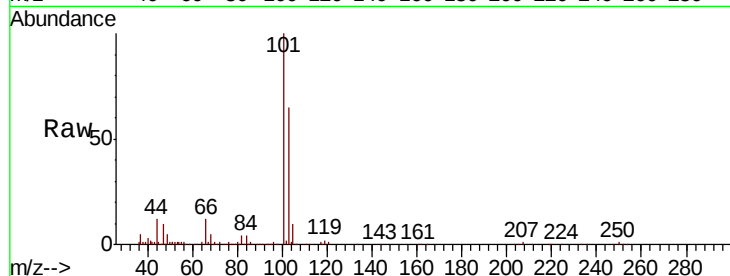


#7

Trichlorofluoromethane
 Concen: 35.848 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

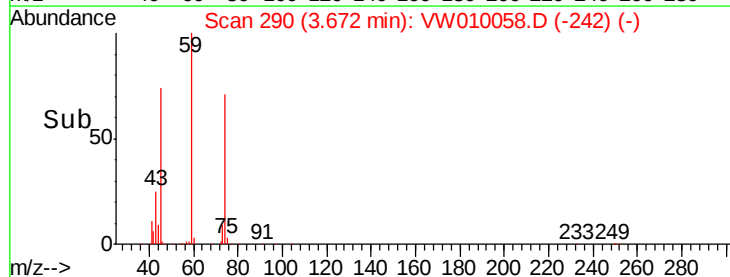
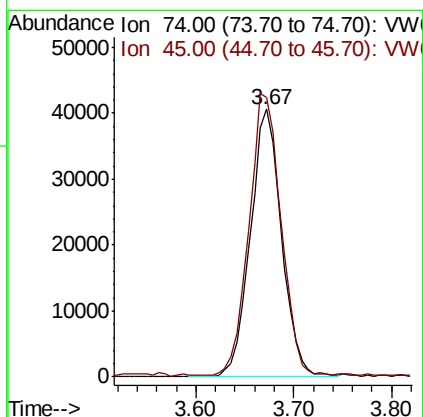
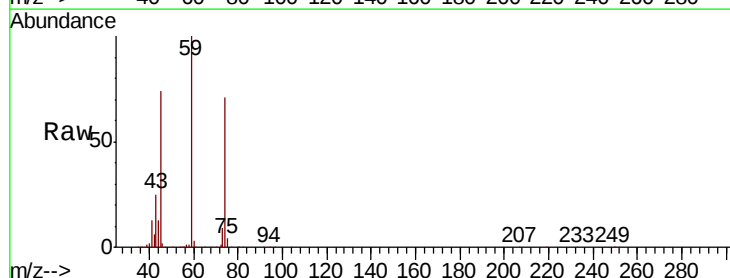
Tgt Ion:101 Resp: 72793
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.8 74.6

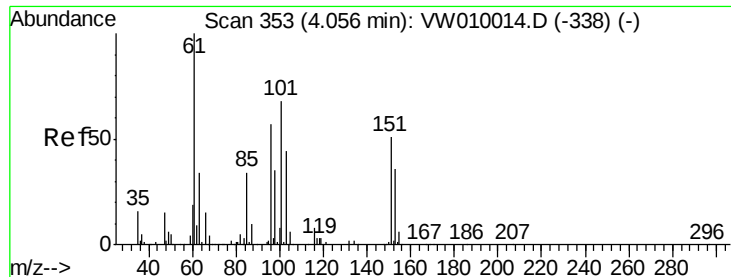


#8

Diethyl Ether
 Concen: 53.197 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 74 Resp: 89855
 Ion Ratio Lower Upper
 74 100
 45 108.2 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.298 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

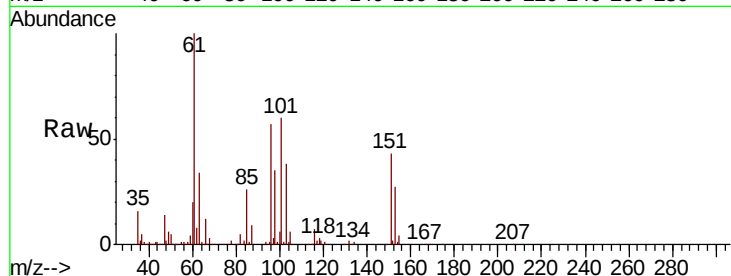
Tgt Ion:101 Resp: 165028

Ion Ratio Lower Upper

101 100

85 45.6 36.3 54.5

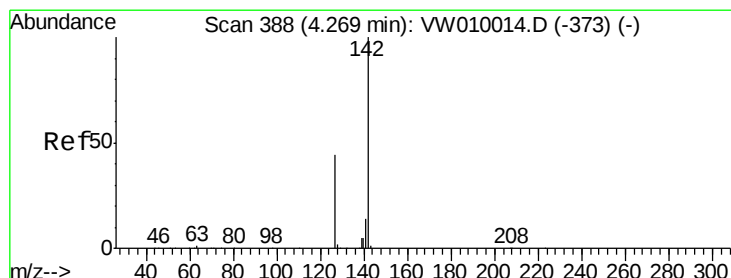
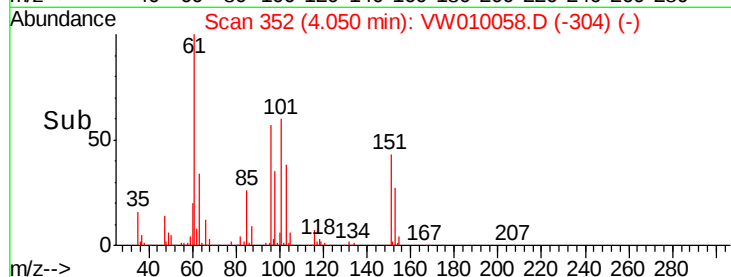
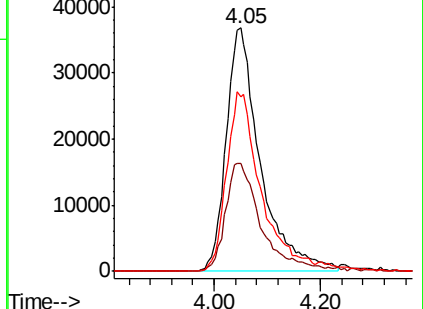
151 73.7 60.2 90.2



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: 53.190 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

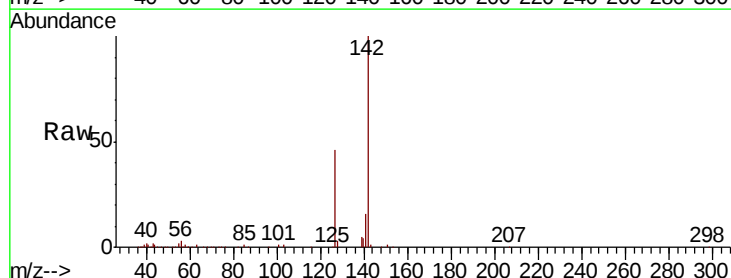
Tgt Ion:142 Resp: 251157

Ion Ratio Lower Upper

142 100

127 48.4 38.1 57.1

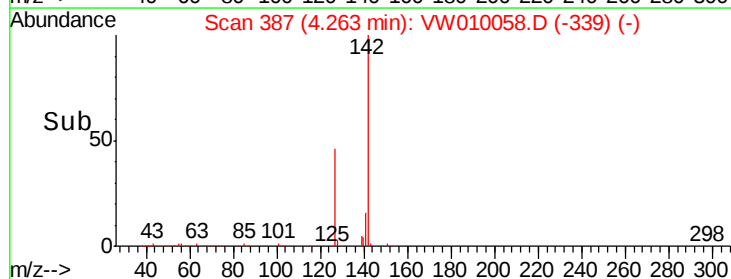
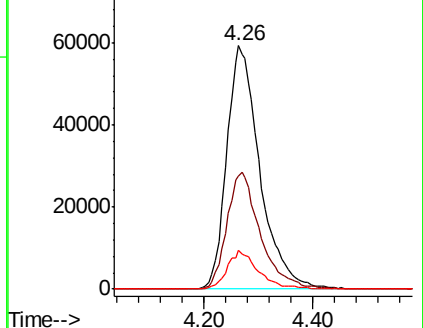
141 14.8 12.2 18.2

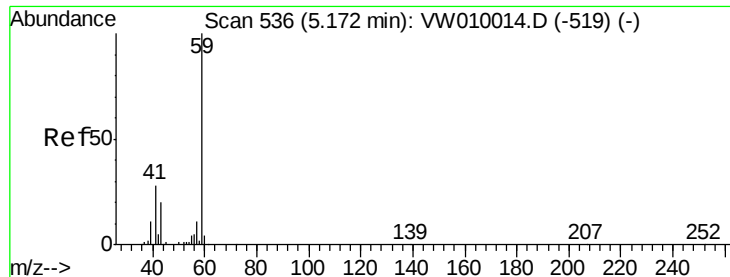


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

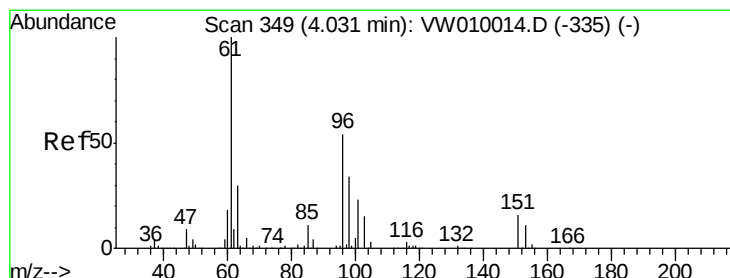
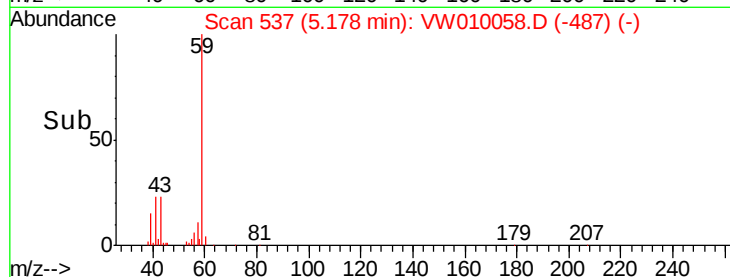
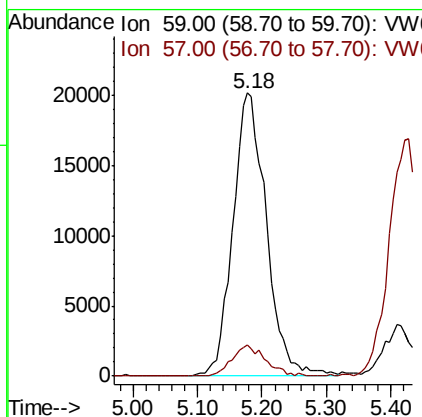
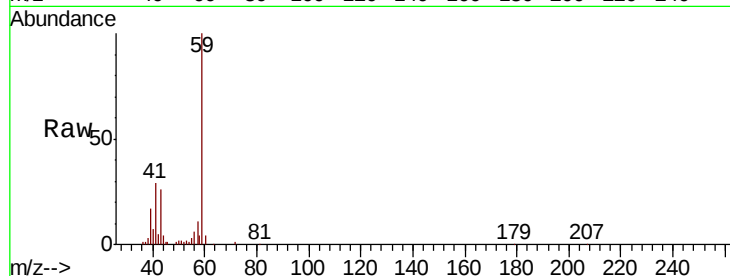




#11
Tert butyl alcohol
Concen: 311.169 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

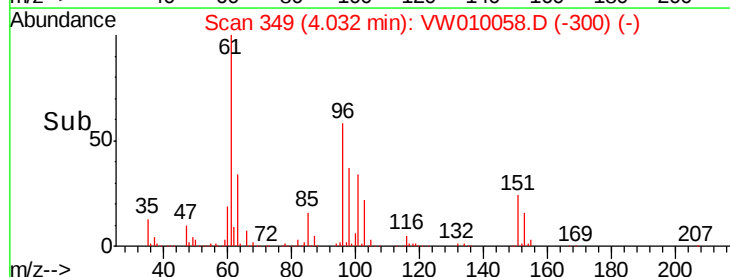
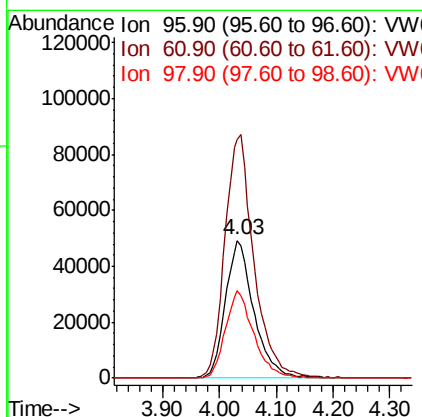
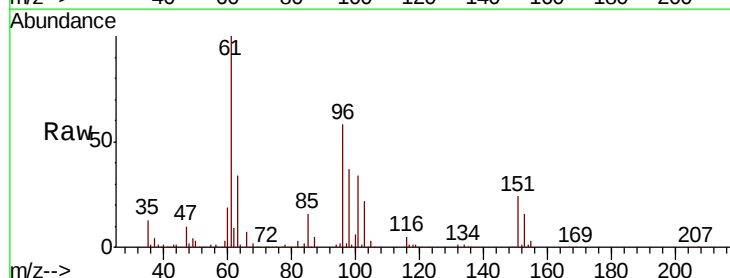
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

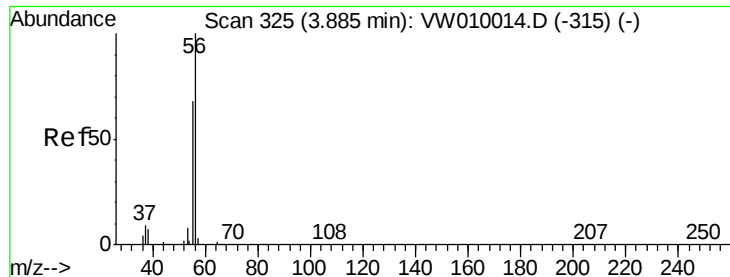
Tgt Ion: 59 Resp: 72478
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 52.285 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 96 Resp: 171274
Ion Ratio Lower Upper
96 100
61 173.4 147.4 221.2
98 63.4 49.7 74.5





#13

Acrolein

Concen: 248.799 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

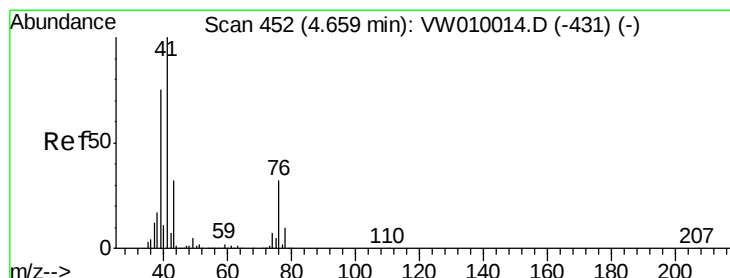
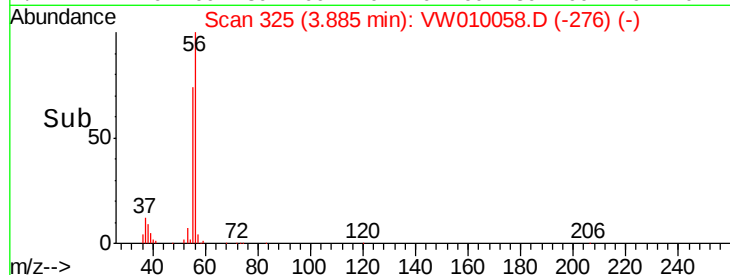
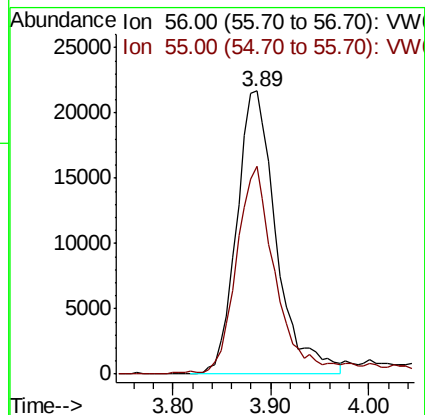
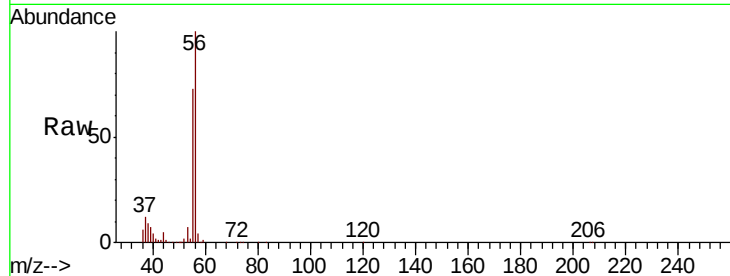
VSTDCCC050EC

Tgt Ion: 56 Resp: 60966

Ion Ratio Lower Upper

56 100

55 71.1 54.2 81.2



#14

Allyl chloride

Concen: 41.049 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

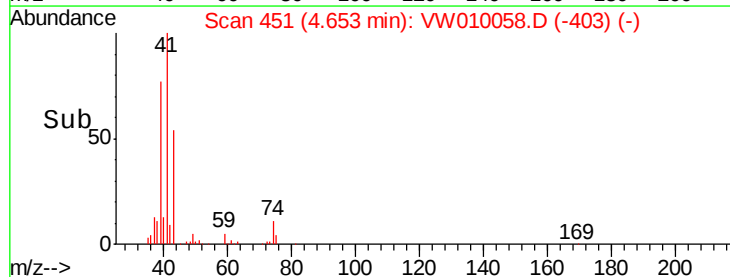
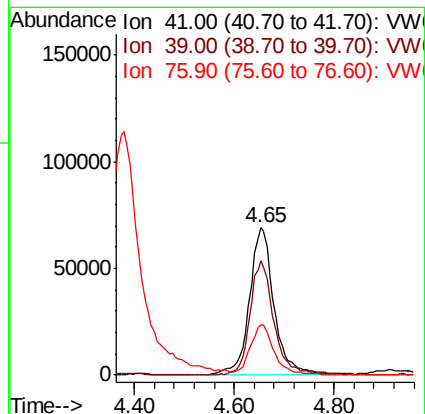
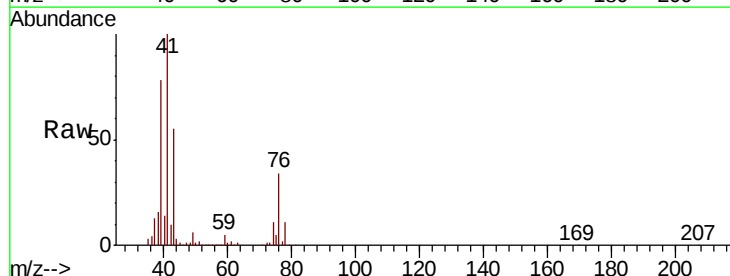
Tgt Ion: 41 Resp: 239066

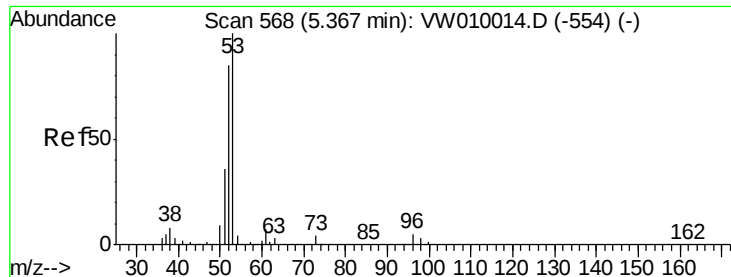
Ion Ratio Lower Upper

41 100

39 73.3 60.2 90.4

76 32.6 25.0 37.6





#15

Acrylonitrile

Concen: 291.836 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

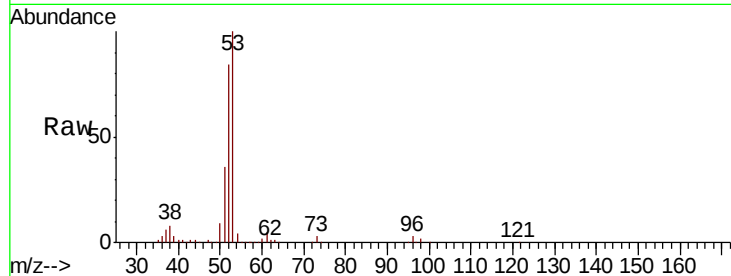
Tgt Ion: 53 Resp: 253682

Ion Ratio Lower Upper

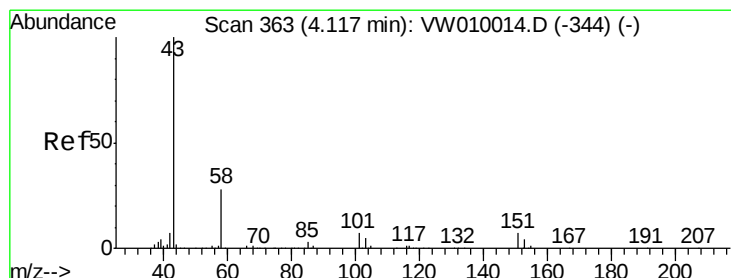
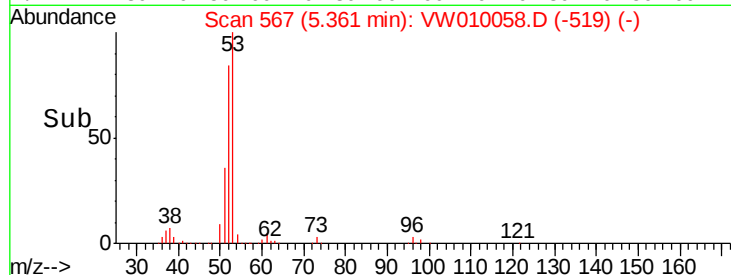
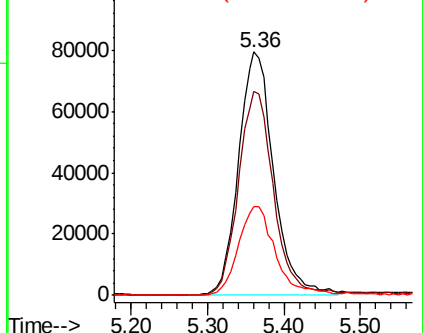
53 100

52 83.9 66.6 100.0

51 38.4 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: 228.161 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010058.D

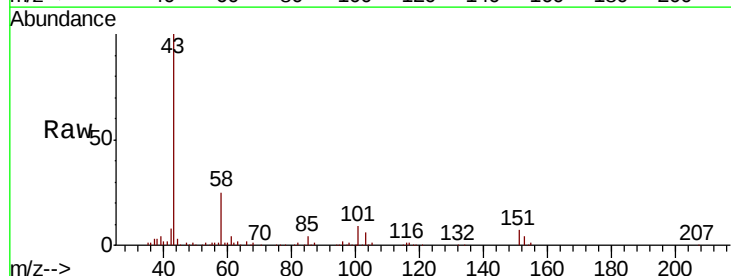
Acq: 18 Apr 2019 21:08

Tgt Ion: 43 Resp: 216472

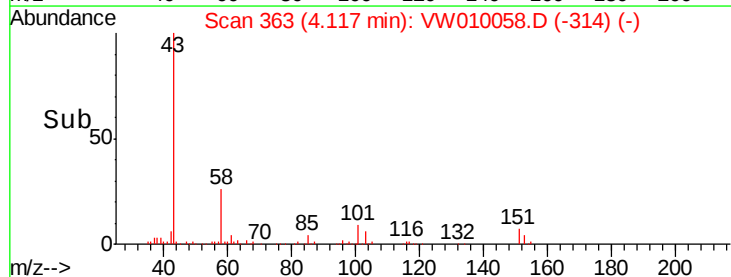
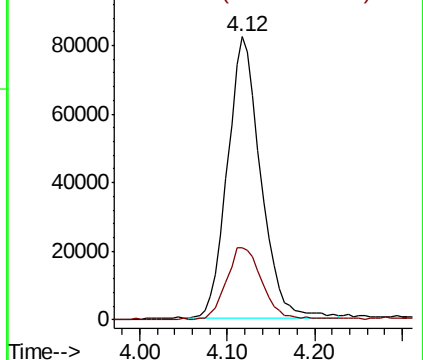
Ion Ratio Lower Upper

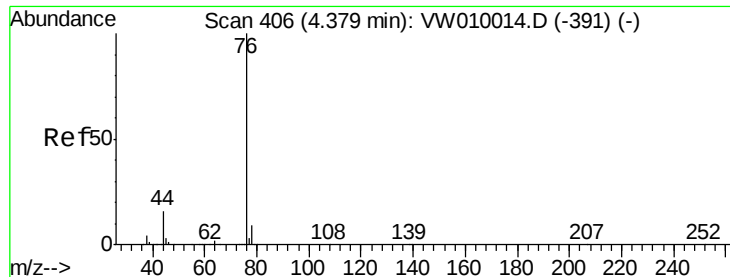
43 100

58 25.4 22.7 34.1



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

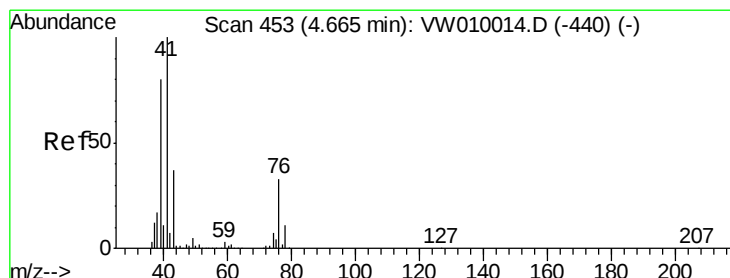
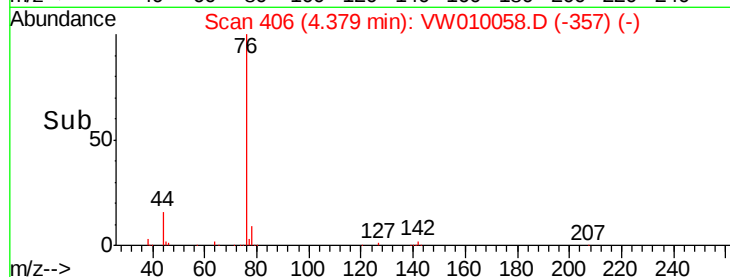
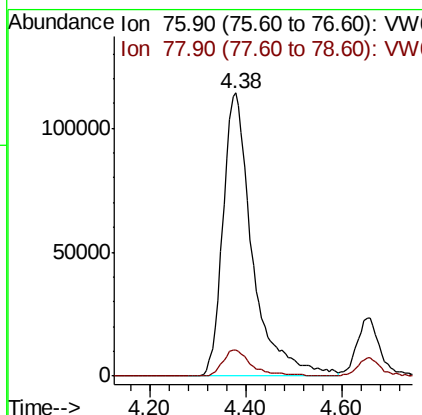
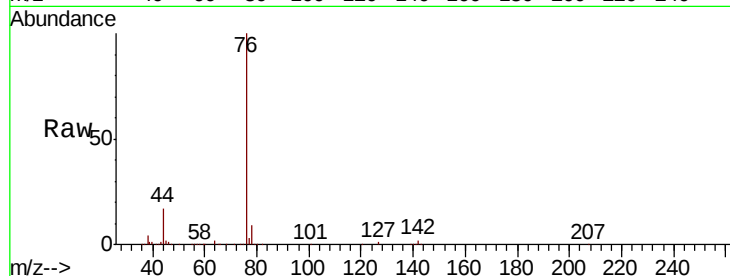




#17
Carbon Disulfide
Concen: 49.426 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

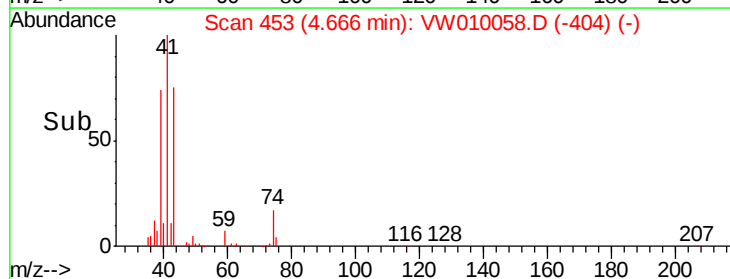
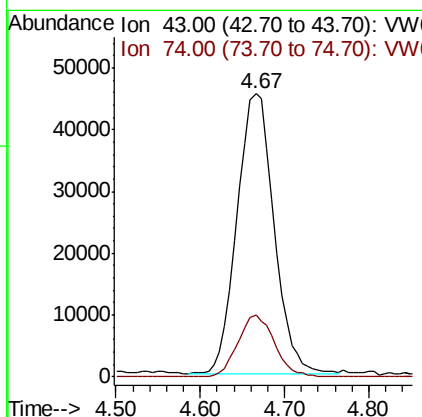
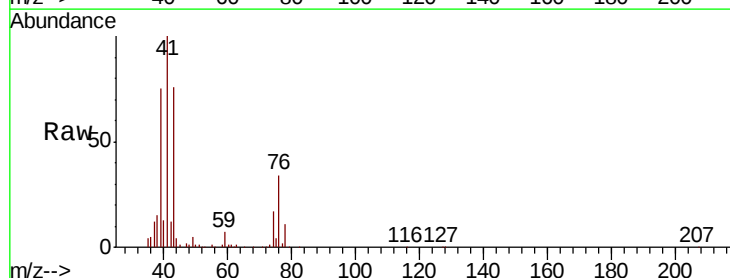
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

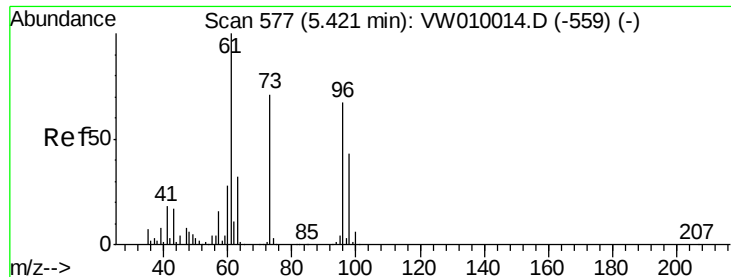
Tgt Ion: 76 Resp: 487607
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 61.066 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 43 Resp: 134091
Ion Ratio Lower Upper
43 100
74 22.1 16.8 25.2

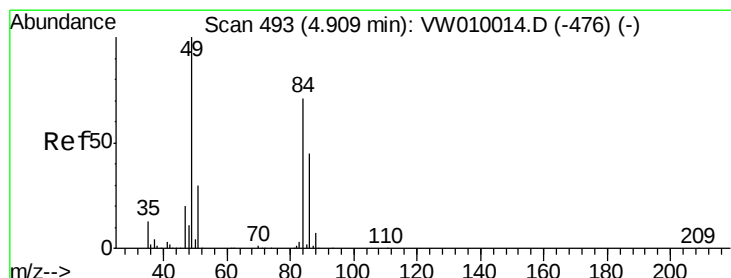
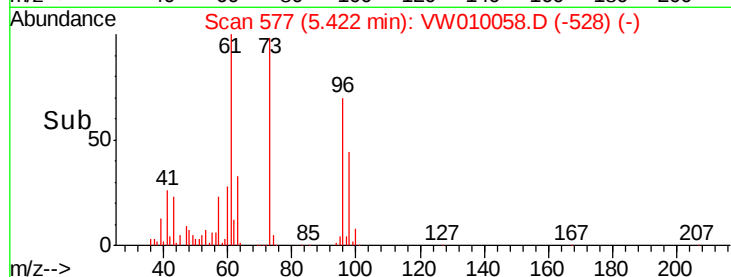
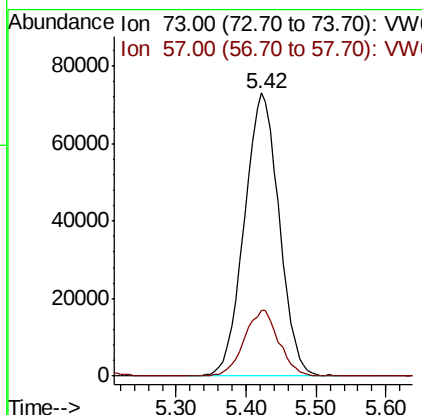
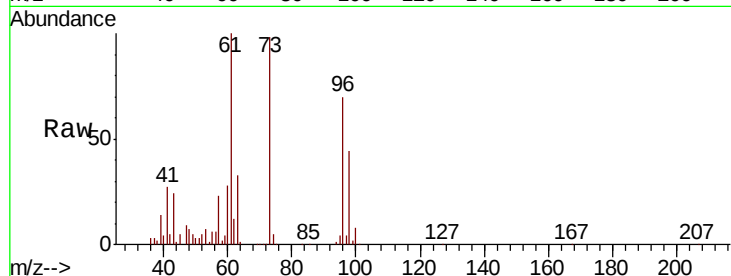




#19
Methyl tert-butyl Ether
Concen: 59.192 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

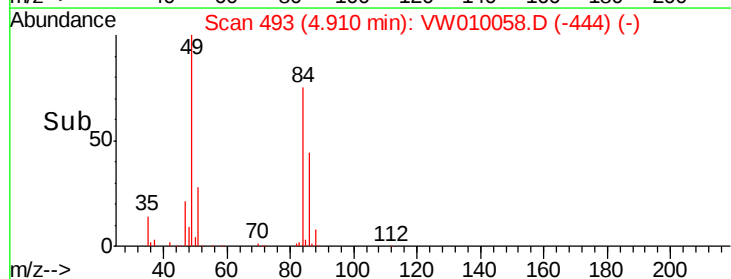
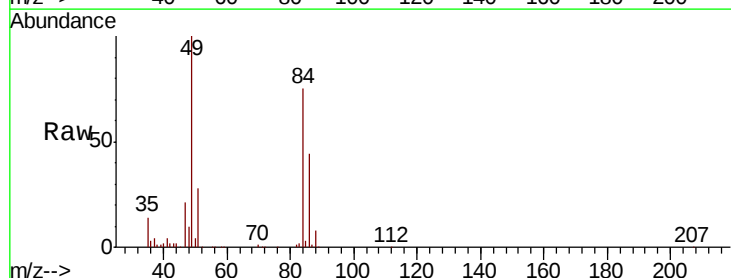
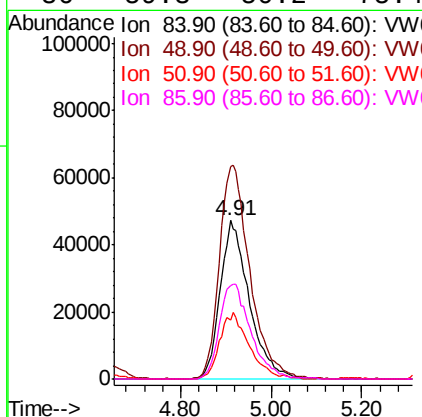
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

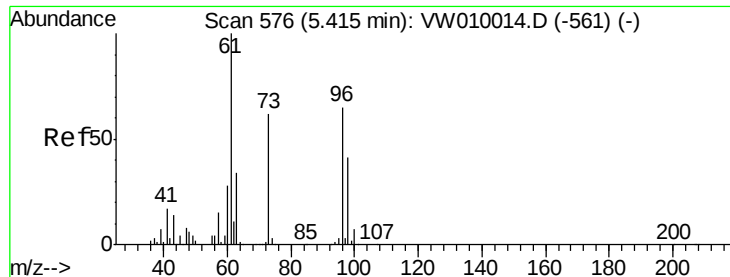
Tgt Ion: 73 Resp: 251852
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7



#20
Methylene Chloride
Concen: 57.736 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 84 Resp: 210541
Ion Ratio Lower Upper
84 100
49 133.9 112.3 168.5
51 37.6 33.9 50.9
86 59.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 55.128 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

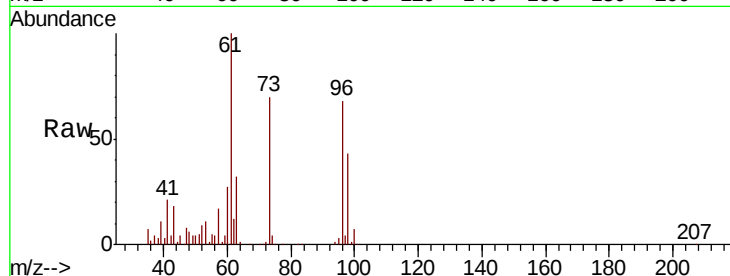
Tgt Ion: 96 Resp: 195554

Ion Ratio Lower Upper

96 100

61 147.1 122.3 183.5

98 64.1 50.5 75.7

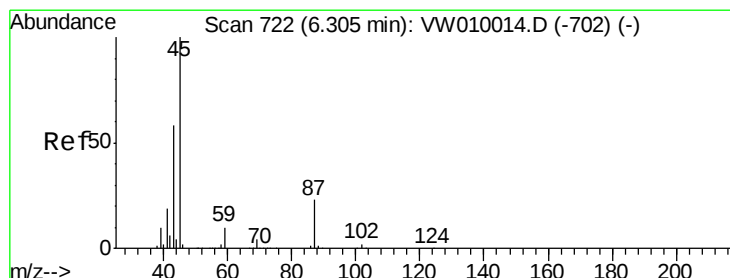
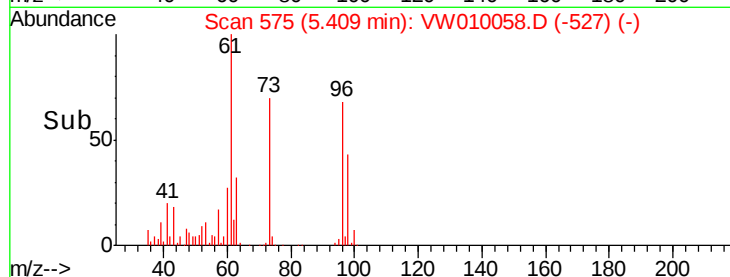
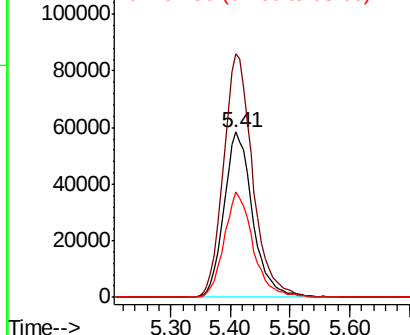


Abundance

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: 56.495 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion: 45 Resp: 667387

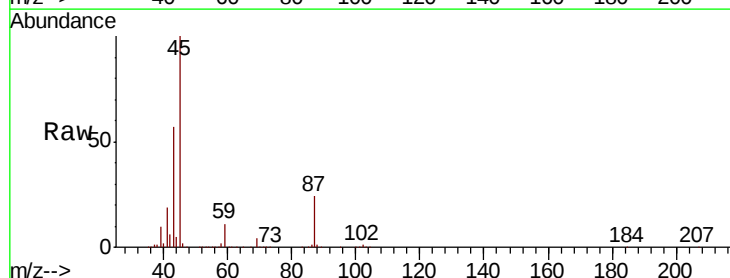
Ion Ratio Lower Upper

45 100

43 56.2 46.1 69.1

87 24.0 18.3 27.5

59 10.6 8.2 12.4



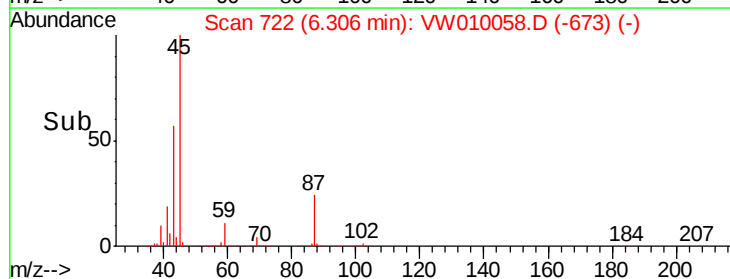
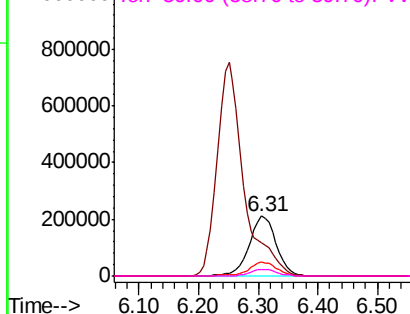
Abundance

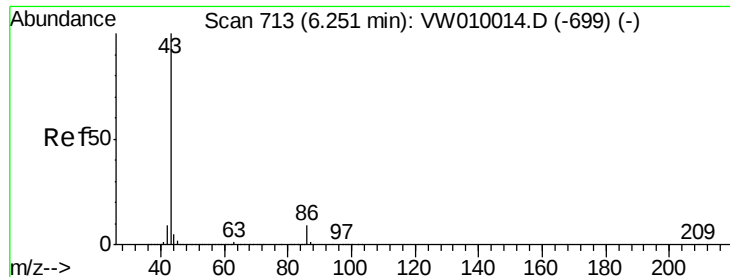
Ion 45.00 (44.70 to 45.70): VW

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: 316.185 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

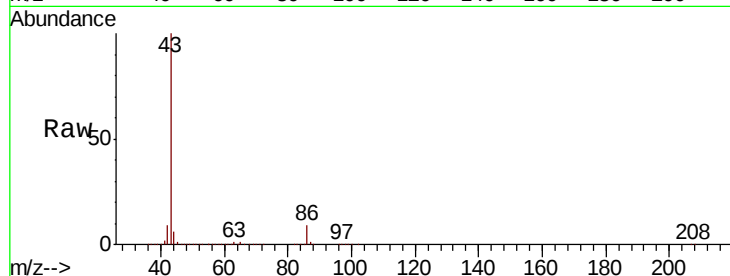
VSTDCCC050EC

Tgt Ion: 43 Resp: 2351341

Ion Ratio Lower Upper

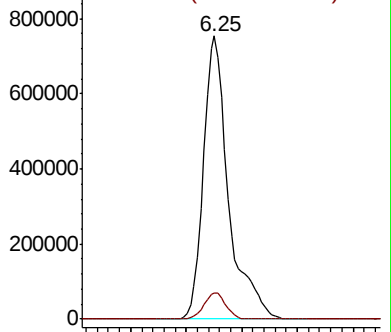
43 100

86 9.1 7.0 10.6

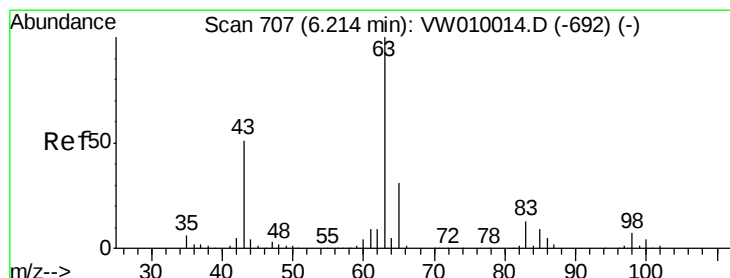
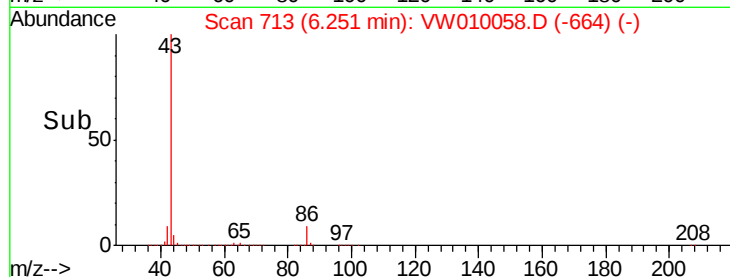


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 53.328 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

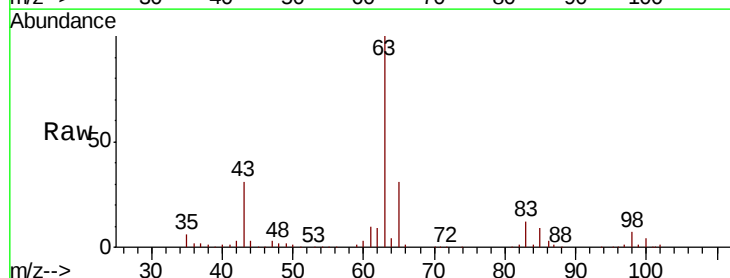
Tgt Ion: 63 Resp: 376597

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

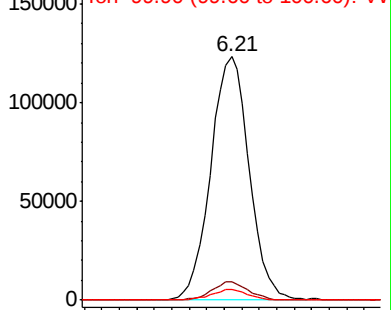
100 4.2 2.0 6.0



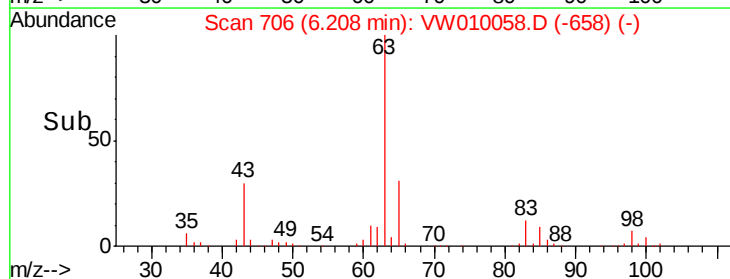
Abundance Ion 62.90 (62.60 to 63.60): VW

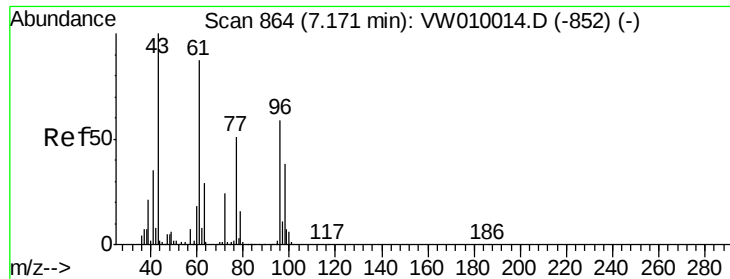
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 335.035 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

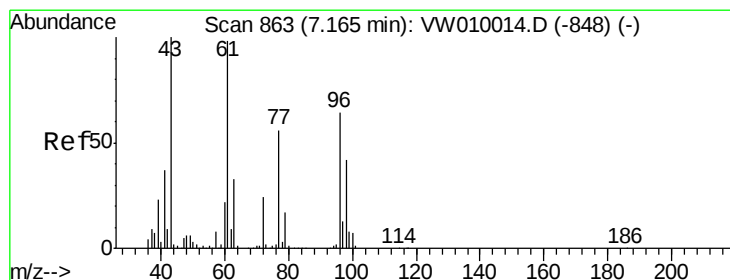
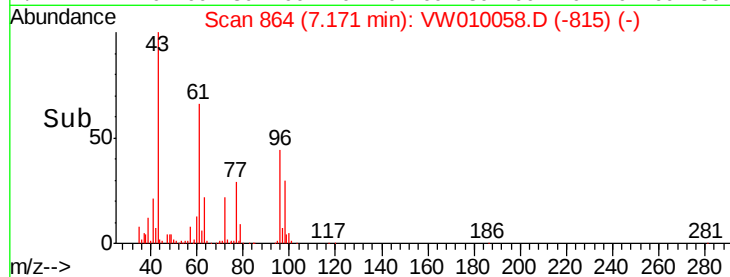
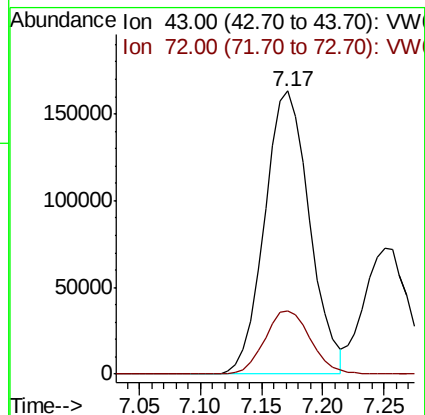
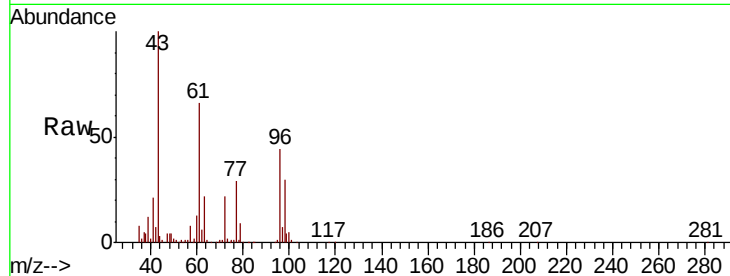
VSTDCCC050EC

Tgt Ion: 43 Resp: 417559

Ion Ratio Lower Upper

43 100

72 22.4 19.1 28.7



#26

2,2-Dichloropropane

Concen: 41.567 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010058.D

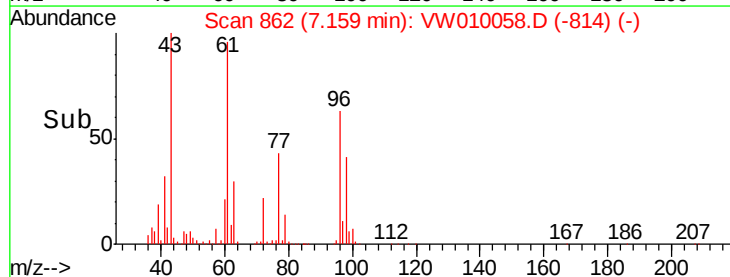
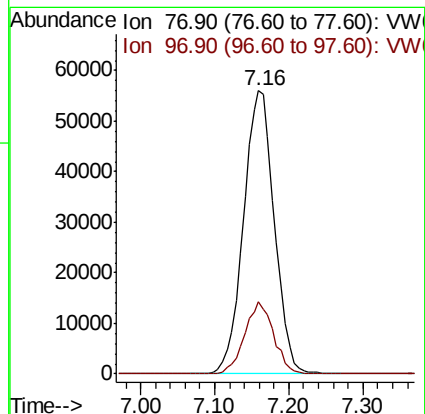
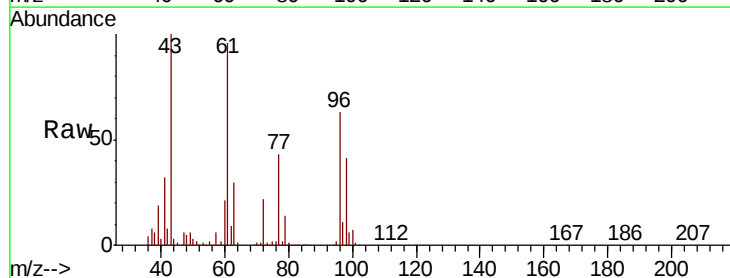
Acq: 18 Apr 2019 21:08

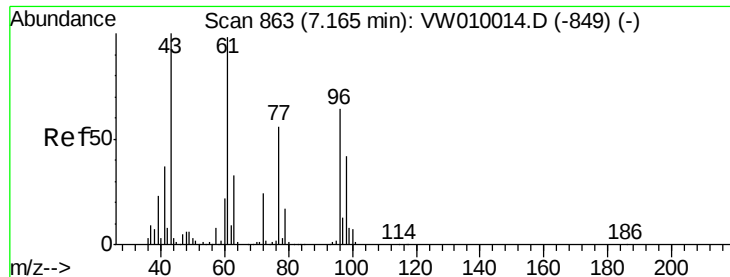
Tgt Ion: 77 Resp: 162404

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.9



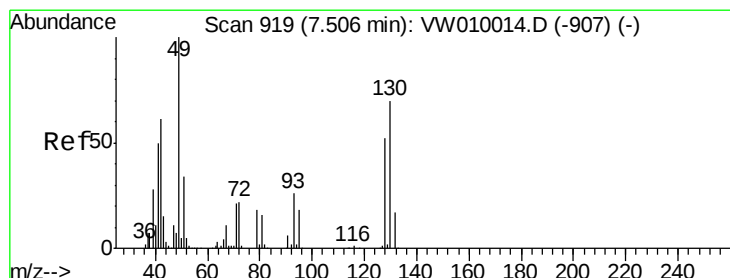
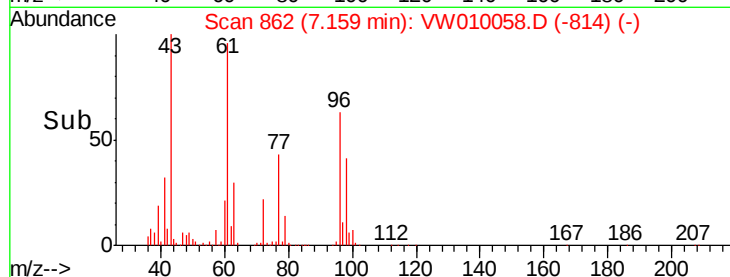
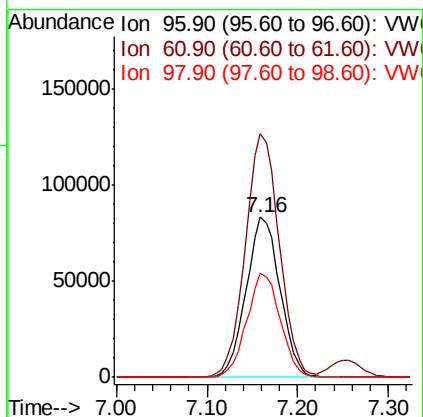
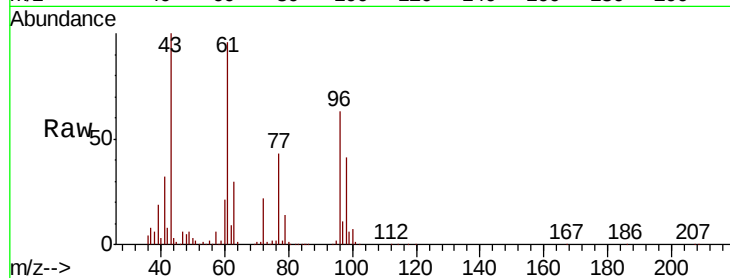


#27

cis-1,2-Dichloroethene
Concen: 55.237 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

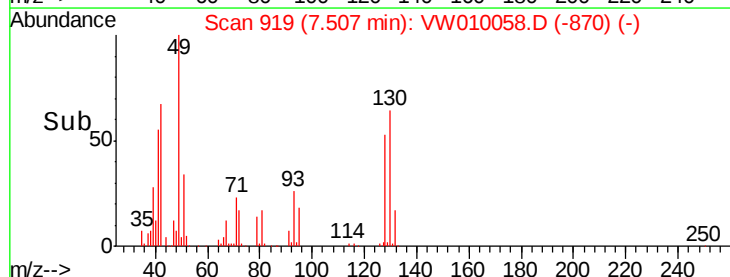
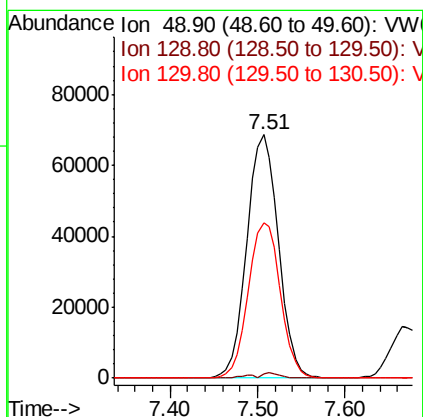
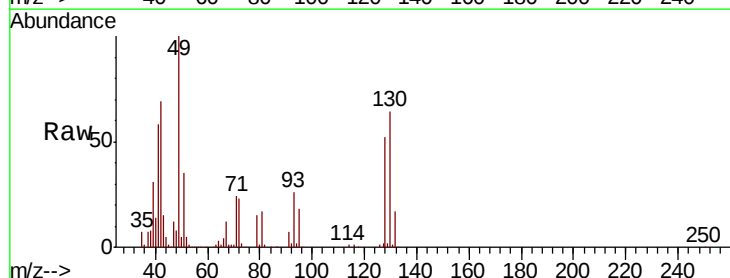
Tgt Ion: 96 Resp: 215492
Ion Ratio Lower Upper
96 100
61 152.3 0.0 309.4
98 64.5 0.0 128.6

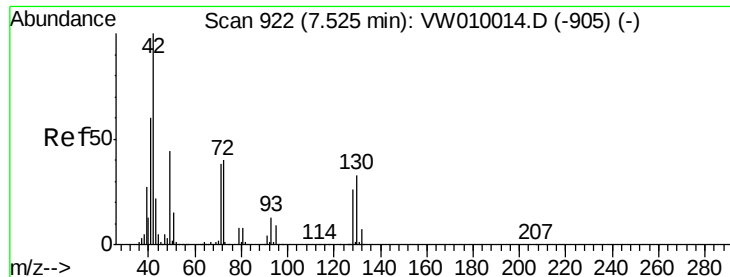


#28

Bromochloromethane
Concen: 59.699 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 49 Resp: 172290
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.8
130 64.7 54.6 82.0

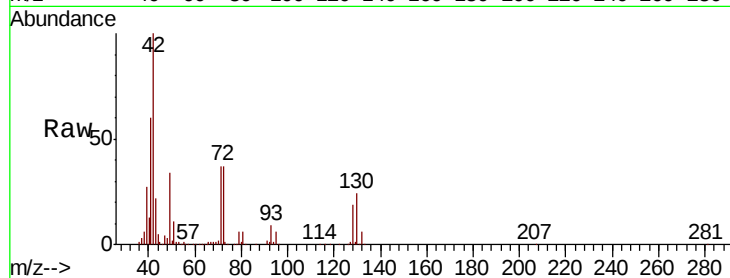




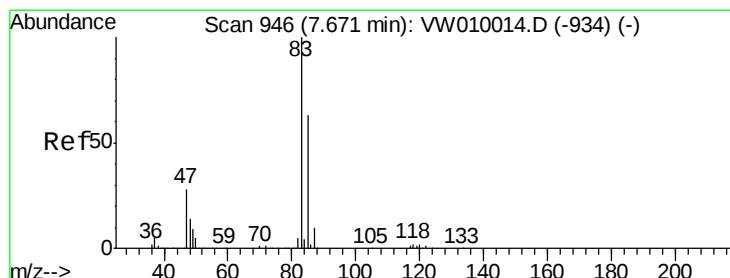
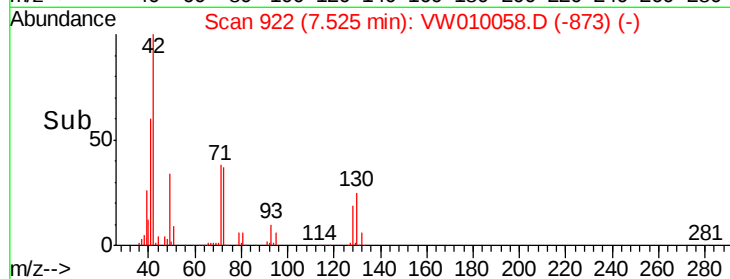
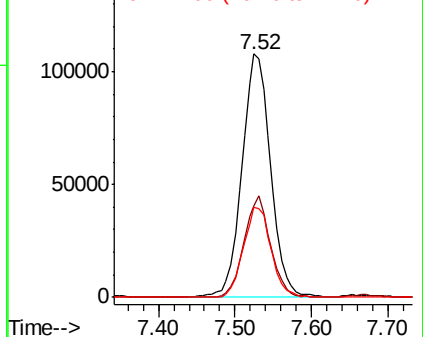
#29
Tetrahydrofuran
Concen: 353.493 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.4	31.0	46.6
71	35.9	29.7	44.5

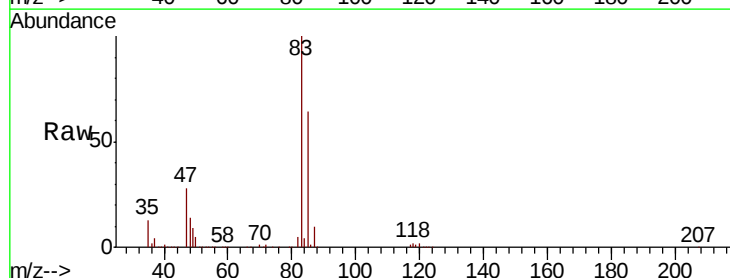


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

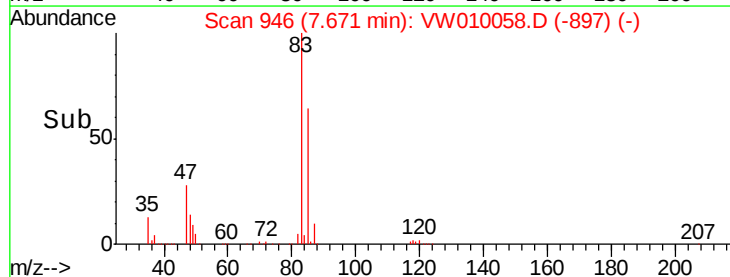
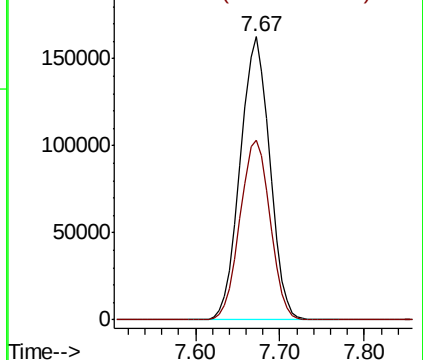


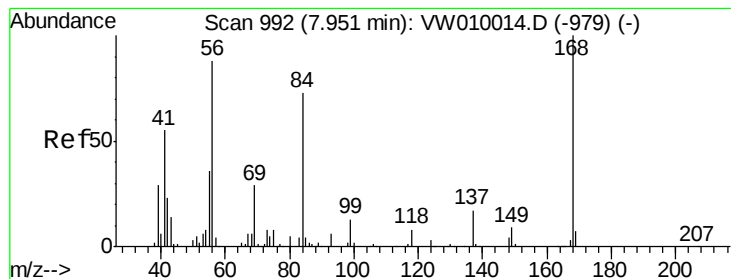
#30
Chloroform
Concen: 54.578 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.7	76.1



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





#31

Cyclohexane

Concen: 49.025 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

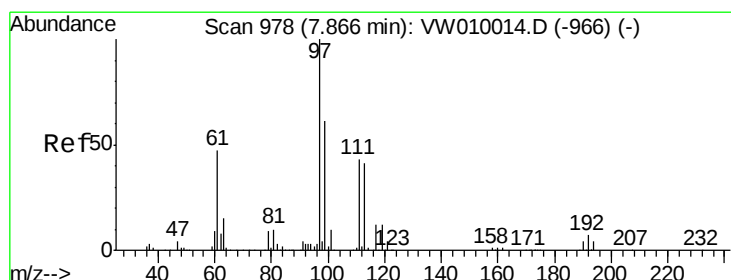
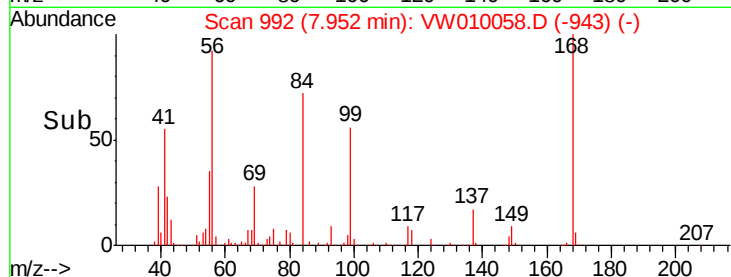
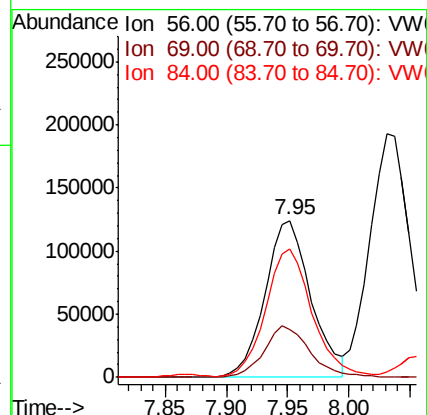
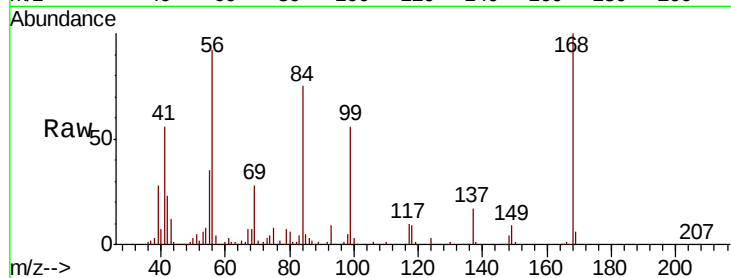
Tgt Ion: 56 Resp: 324201

Ion Ratio Lower Upper

56 100

69 30.7 26.6 40.0

84 80.1 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 48.598 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

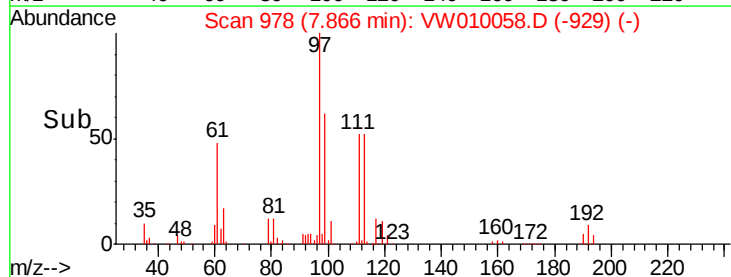
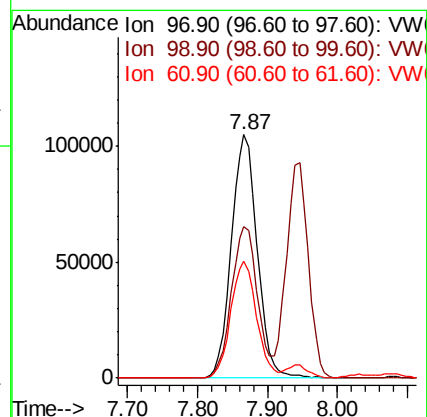
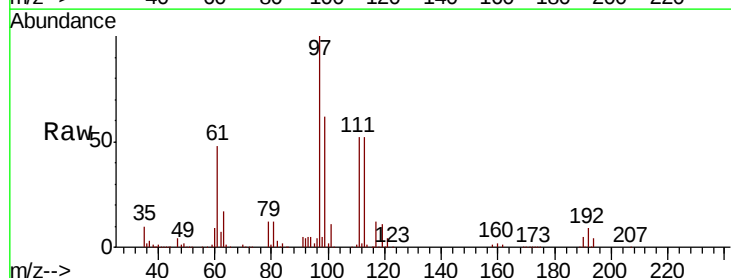
Tgt Ion: 97 Resp: 269966

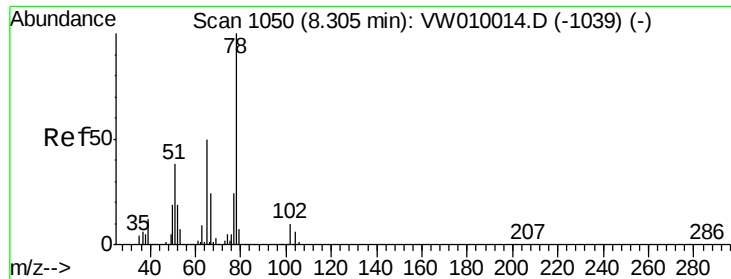
Ion Ratio Lower Upper

97 100

99 62.0 50.2 75.2

61 47.7 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 56.535 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

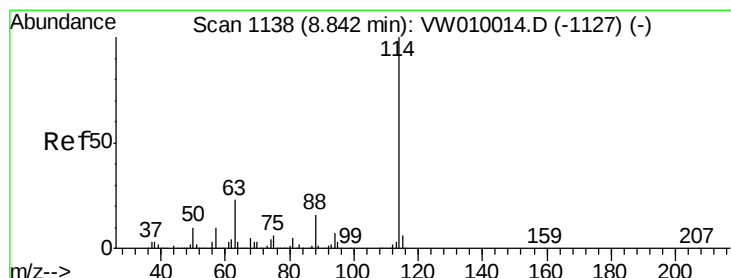
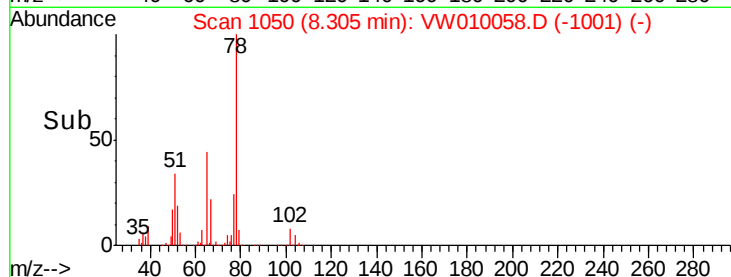
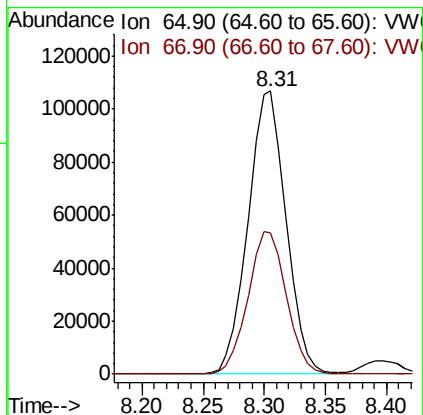
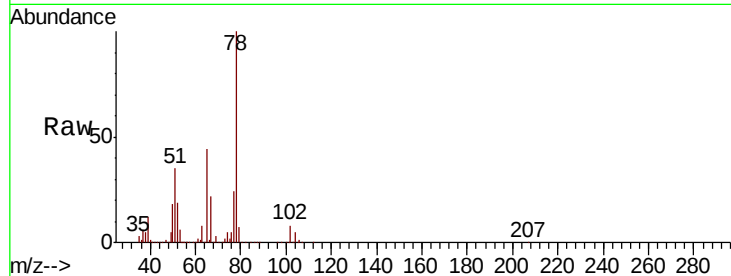
VSTDCCC050EC

Tgt Ion: 65 Resp: 231178

Ion Ratio Lower Upper

65 100

67 51.0 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: VW010058.D

Acq: 18 Apr 2019 21:08

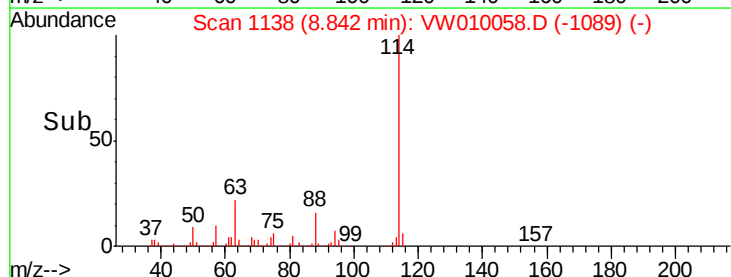
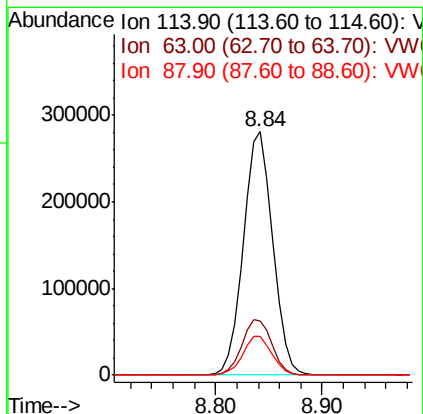
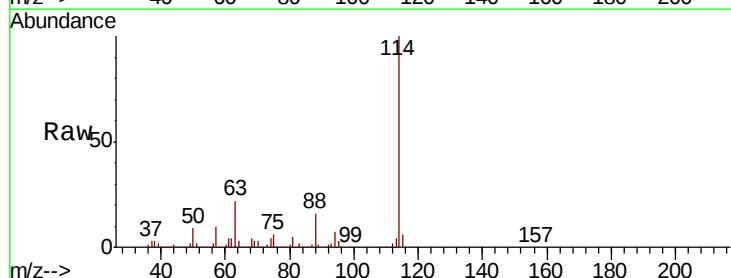
Tgt Ion: 114 Resp: 544335

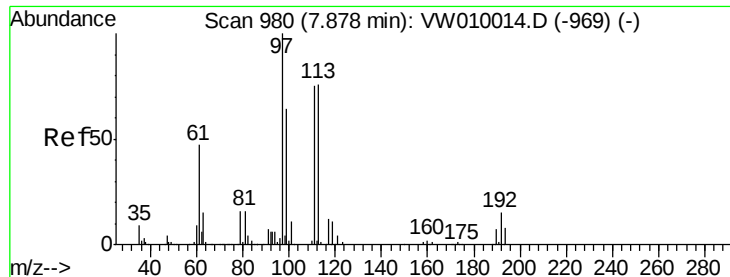
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.2

88 15.7 0.0 32.6

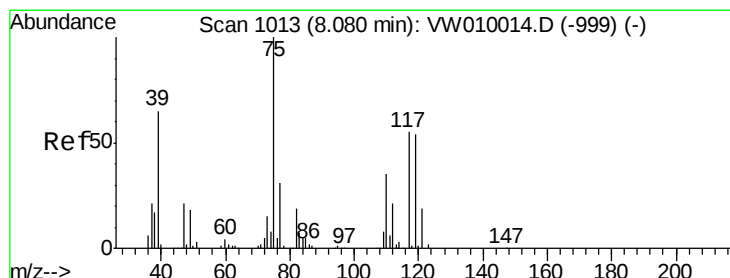
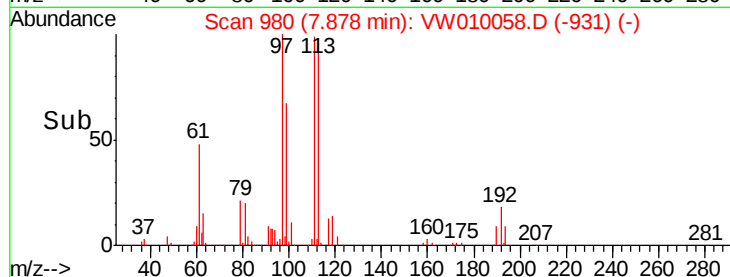
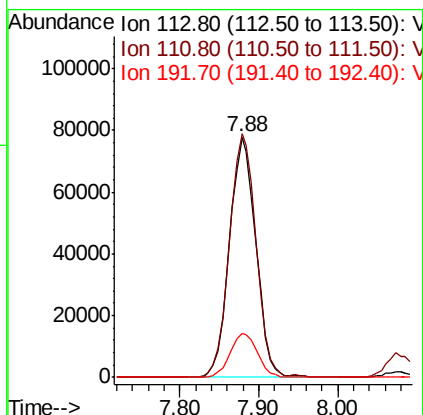
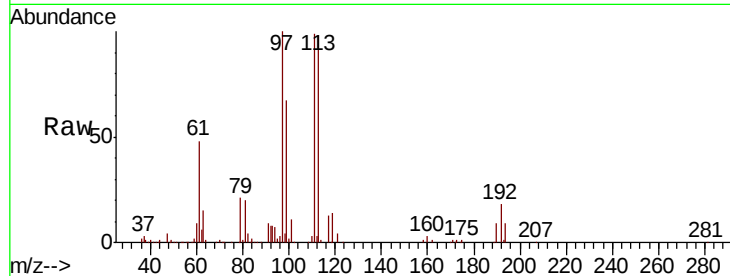




#35
 Dibromofluoromethane
 Concen: 52.260 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

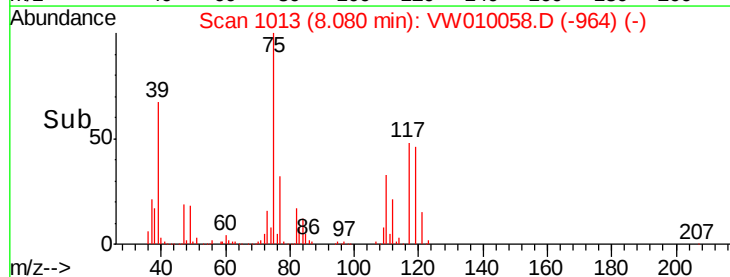
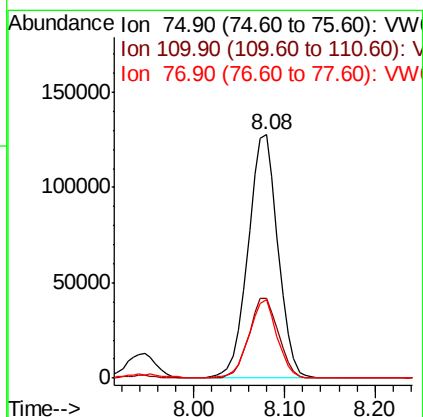
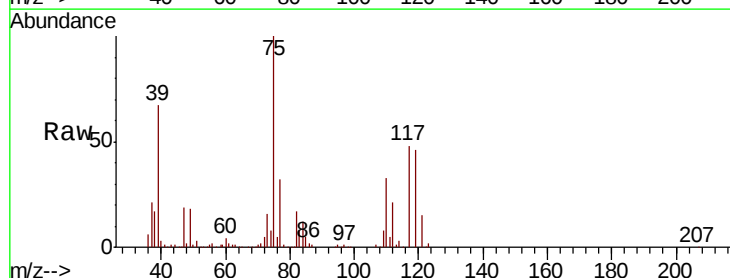
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

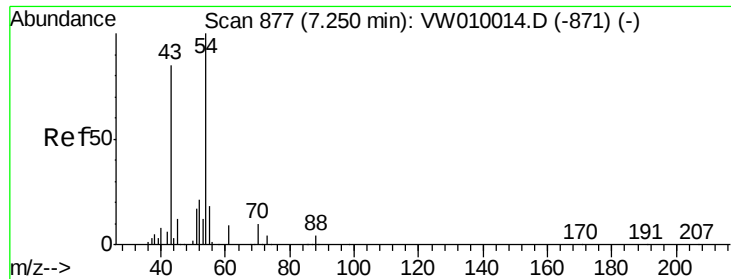
Tgt Ion: 113 Resp: 180856
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 123.8
 192 18.8 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 52.118 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 75 Resp: 289788
 Ion Ratio Lower Upper
 75 100
 110 32.6 16.6 49.8
 77 30.7 24.8 37.2

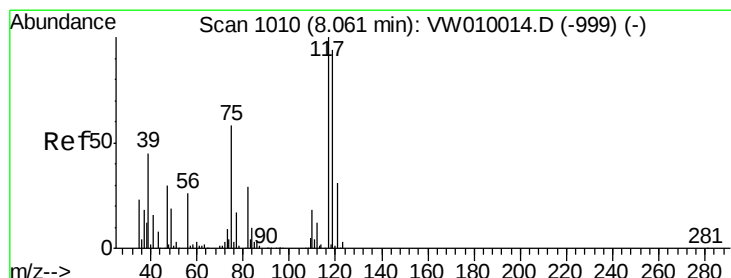
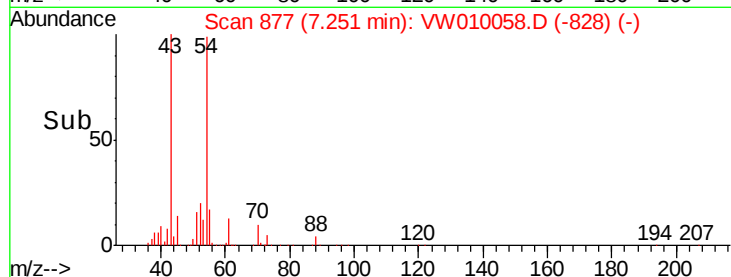
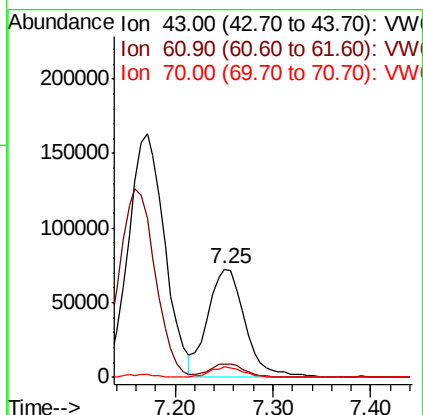
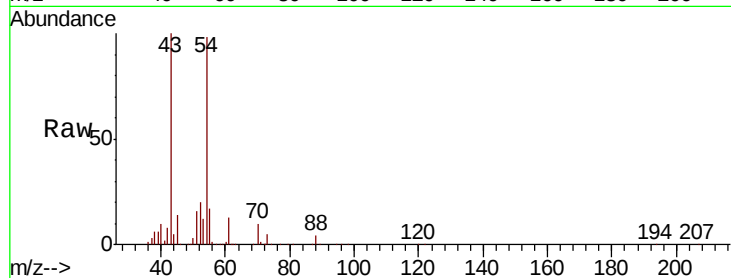




#37
Ethyl Acetate
Concen: 66.992 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

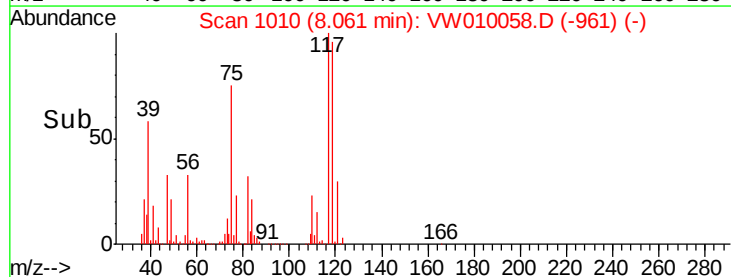
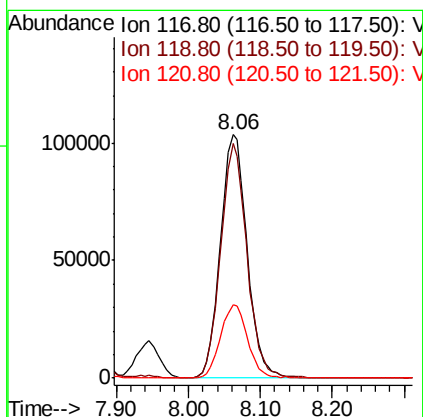
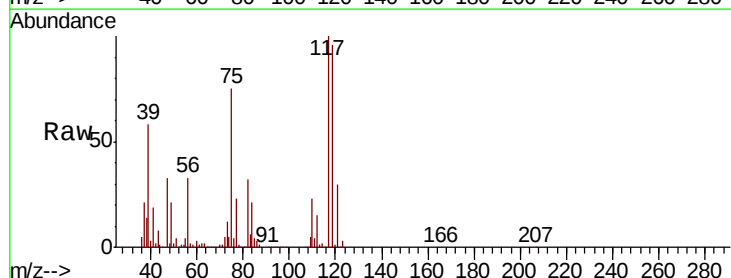
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

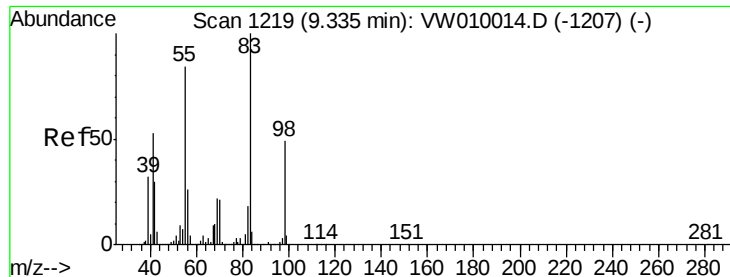
Tgt Ion: 43 Resp: 189281
Ion Ratio Lower Upper
43 100
61 12.0 9.8 14.8
70 8.9 7.4 11.0



#38
Carbon Tetrachloride
Concen: 49.190 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 117 Resp: 266936
Ion Ratio Lower Upper
117 100
119 96.4 75.3 112.9
121 30.3 24.4 36.6

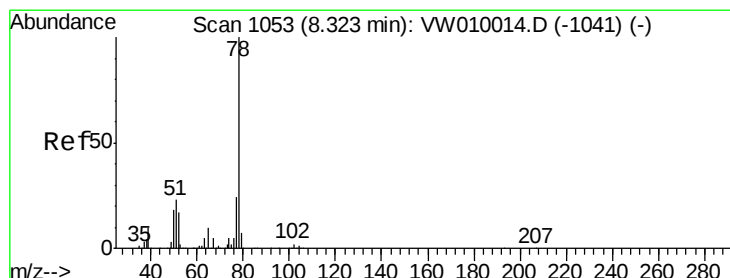
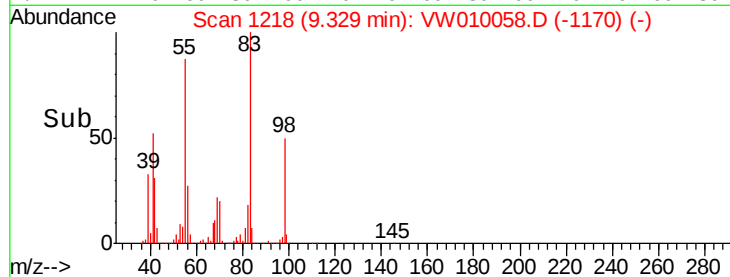
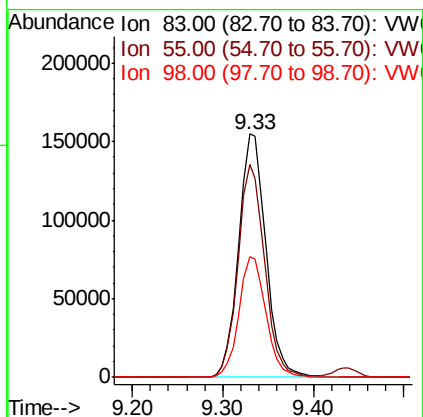
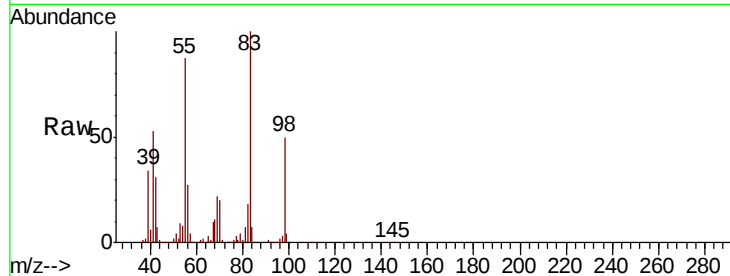




#39
Methylcyclohexane
Concen: 47.858 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

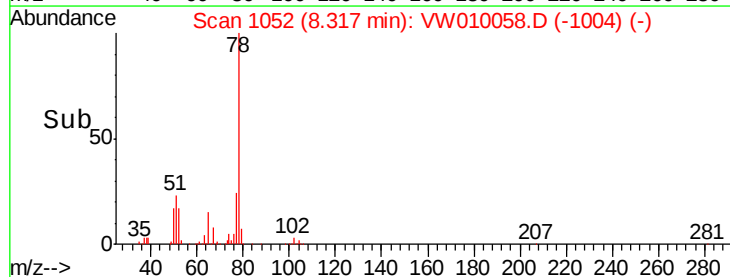
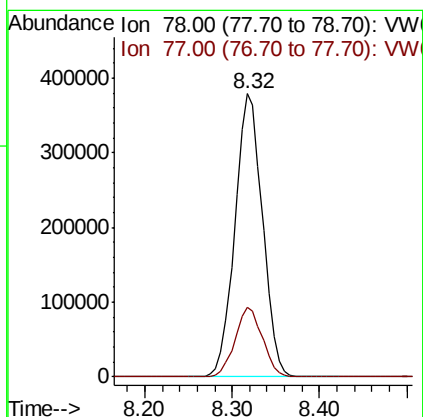
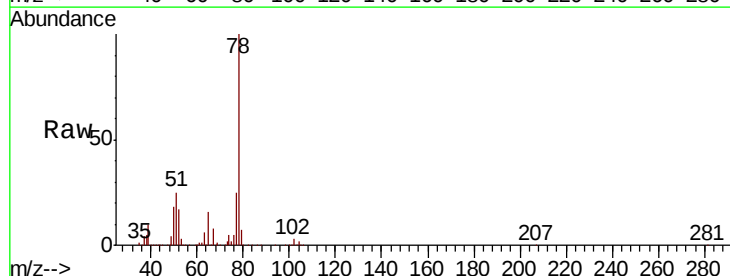
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

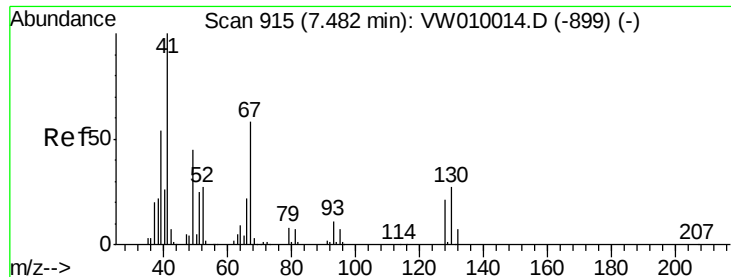
Tgt Ion: 83 Resp: 323451
Ion Ratio Lower Upper
83 100
55 87.4 67.1 100.7
98 49.6 39.2 58.8



#40
Benzene
Concen: 54.544 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 78 Resp: 829241
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7





#41

Methacrylonitrile

Concen: 68.216 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 109848

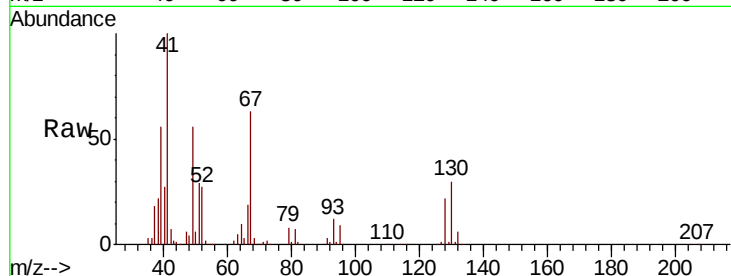
Ion Ratio Lower Upper

41 100

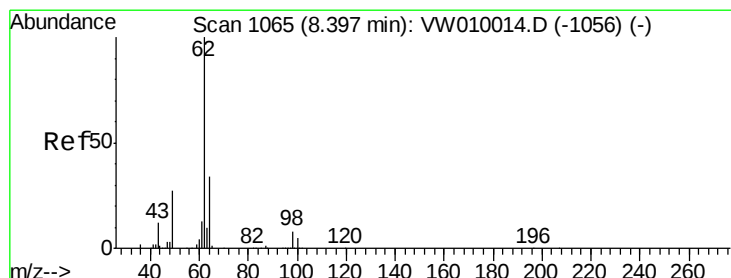
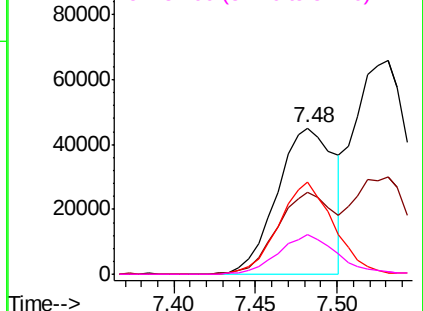
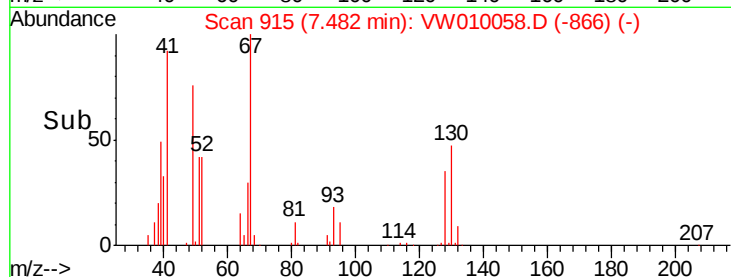
39 54.5 45.0 67.4

67 61.1 50.7 76.1

52 27.0 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: 57.383 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW010058.D

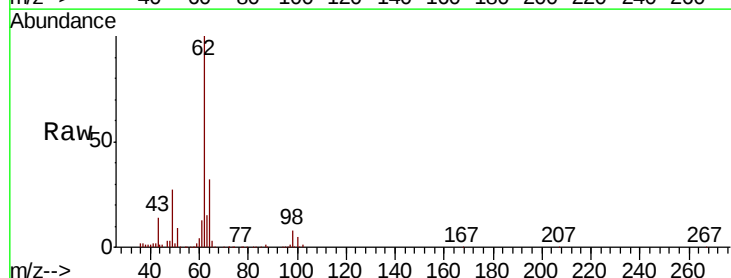
Acq: 18 Apr 2019 21:08

Tgt Ion: 62 Resp: 299814

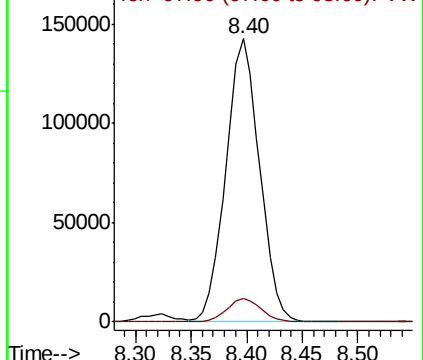
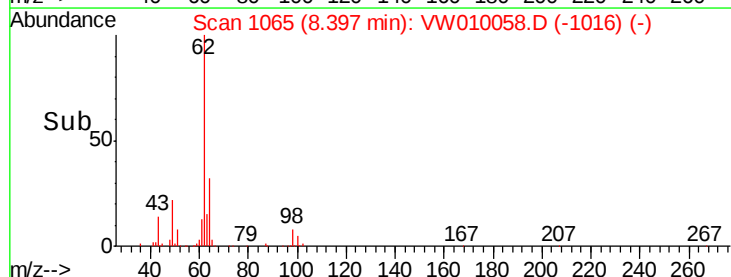
Ion Ratio Lower Upper

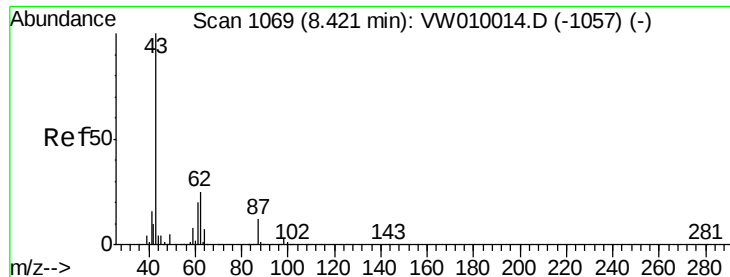
62 100

98 8.4 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: 65.200 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

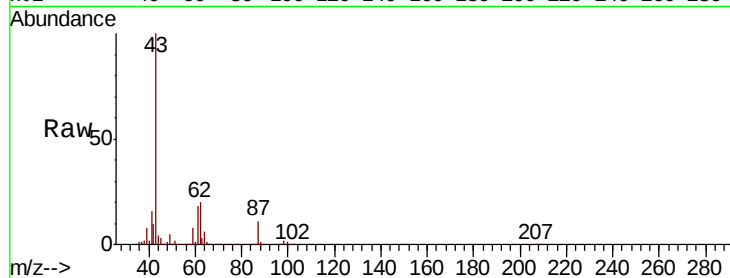
Tgt Ion: 43 Resp: 345207

Ion Ratio Lower Upper

43 100

61 26.6 23.0 34.6

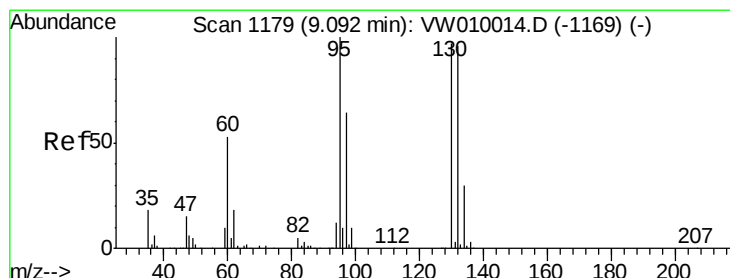
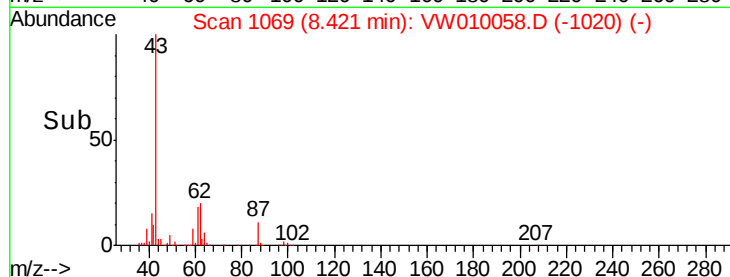
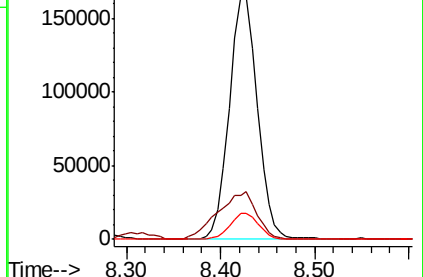
87 10.9 9.3 13.9



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: 52.252 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW010058.D

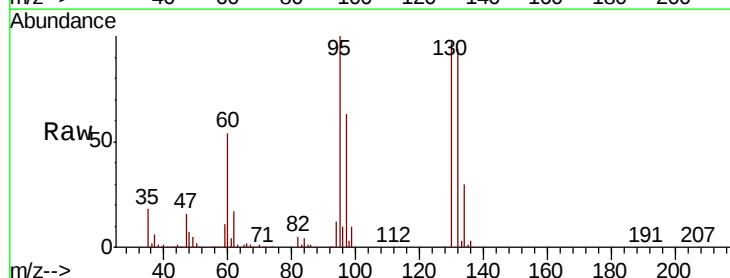
Acq: 18 Apr 2019 21:08

Tgt Ion: 130 Resp: 201768

Ion Ratio Lower Upper

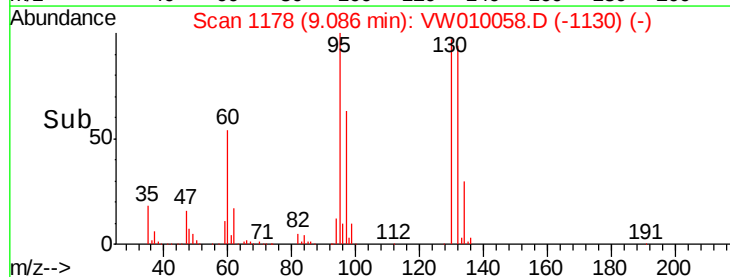
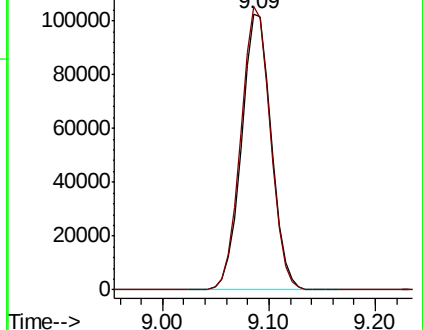
130 100

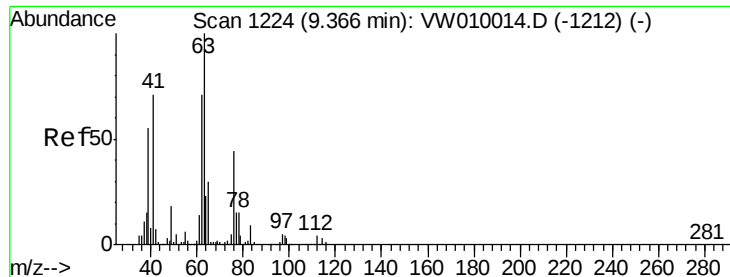
95 102.7 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

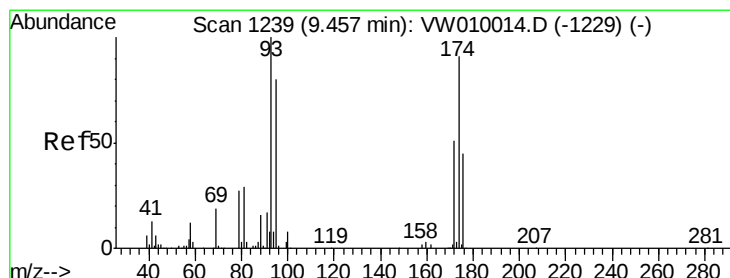
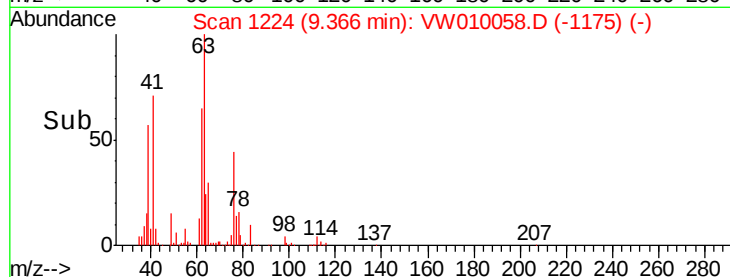
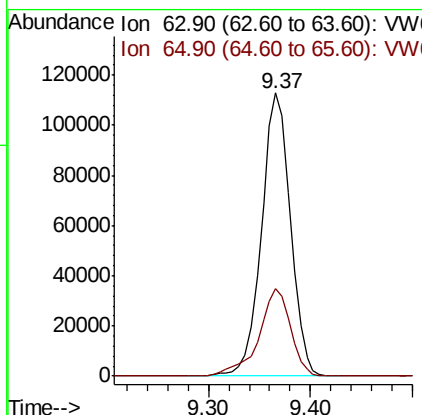
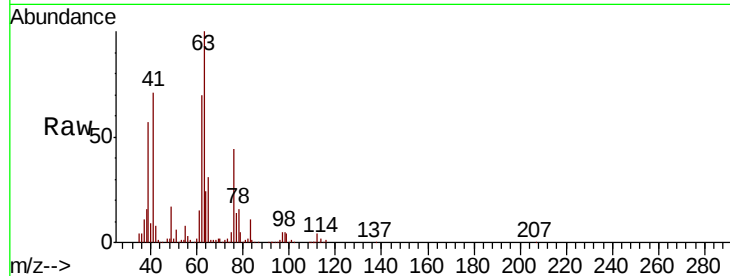




#45
 1,2-Dichloropropane
 Concen: 55.632 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

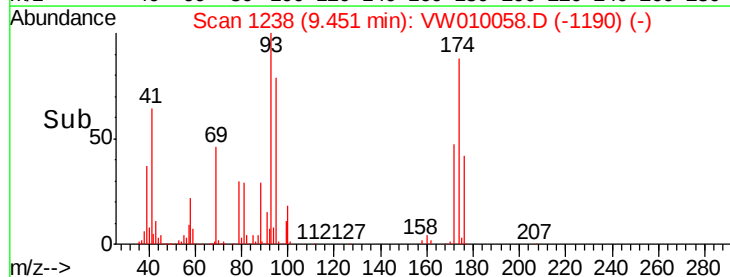
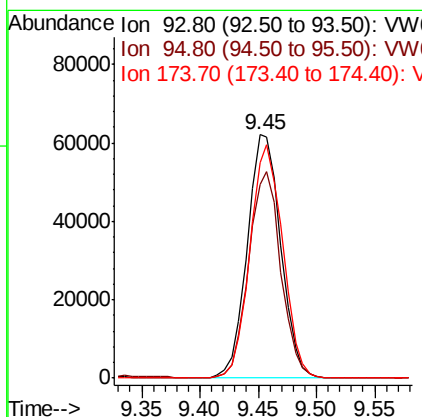
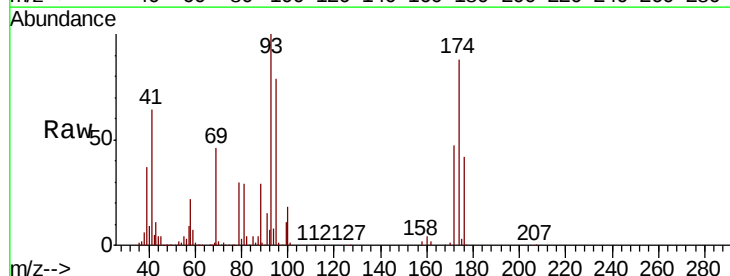
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

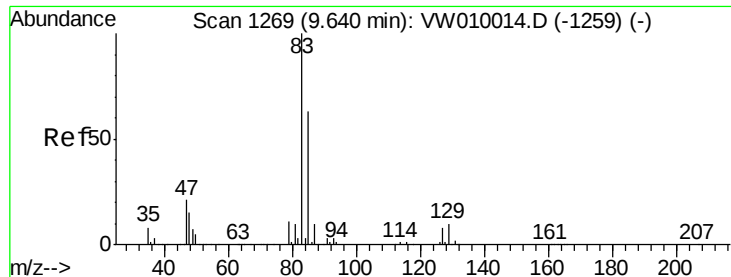
Tgt Ion: 63 Resp: 222317
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.8 35.6



#46
 Dibromomethane
 Concen: 60.021 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 93 Resp: 124317
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.8 98.8
 174 93.7 75.5 113.3

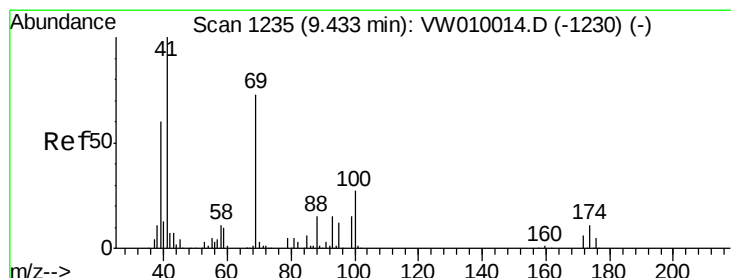
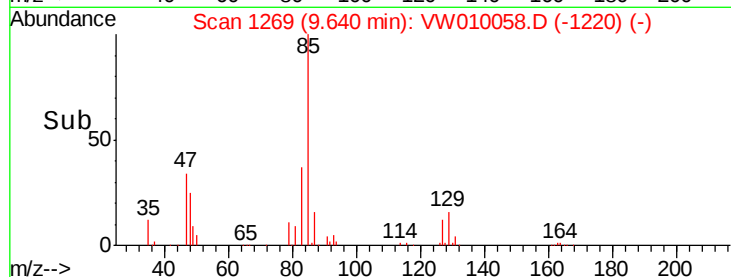
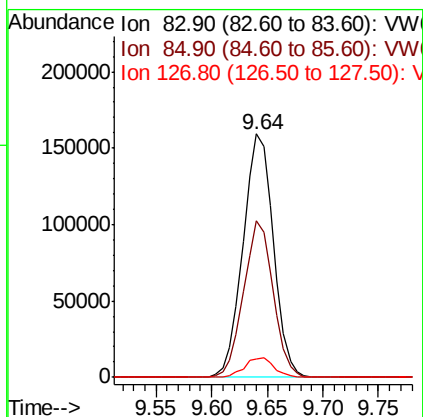
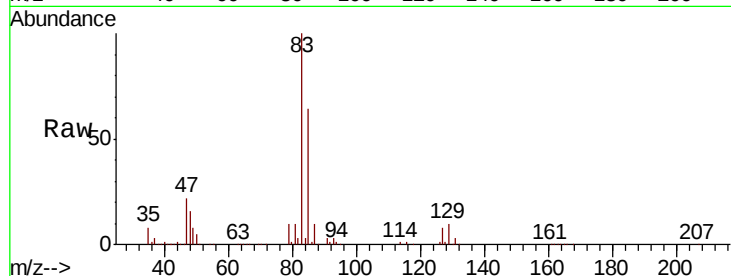




#47
 Bromodichloromethane
 Concen: 56.559 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

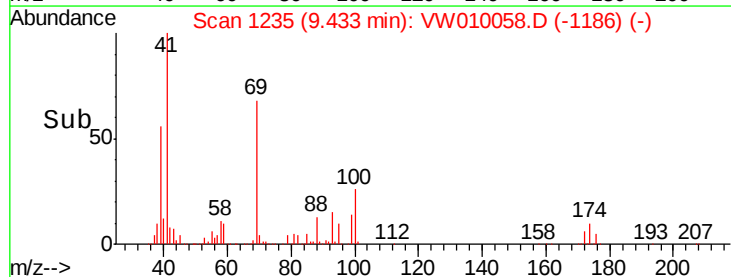
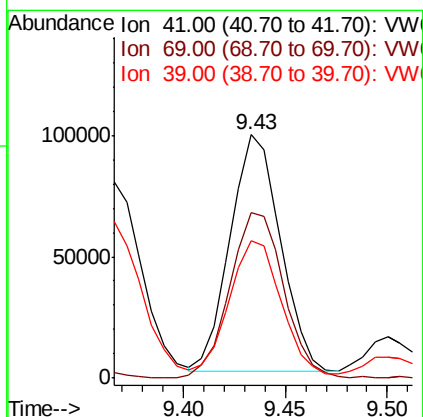
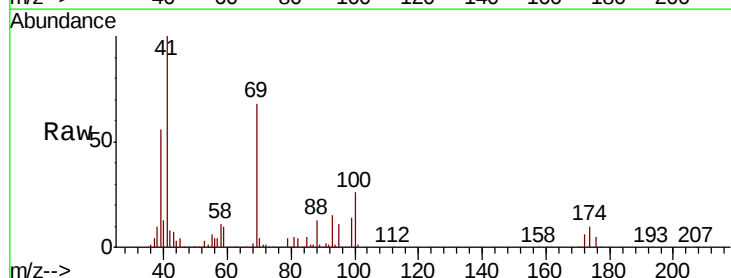
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

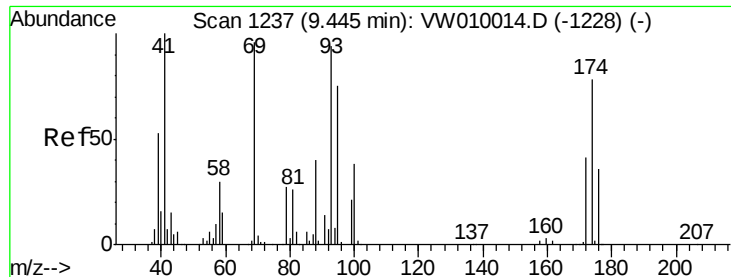
Tgt Ion: 83 Resp: 302400
 Ion Ratio Lower Upper
 83 100
 85 64.2 50.6 75.8
 127 7.7 6.6 10.0



#48
 Methyl methacrylate
 Concen: 64.990 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 41 Resp: 167497
 Ion Ratio Lower Upper
 41 100
 69 74.6 60.1 90.1
 39 61.3 51.0 76.6

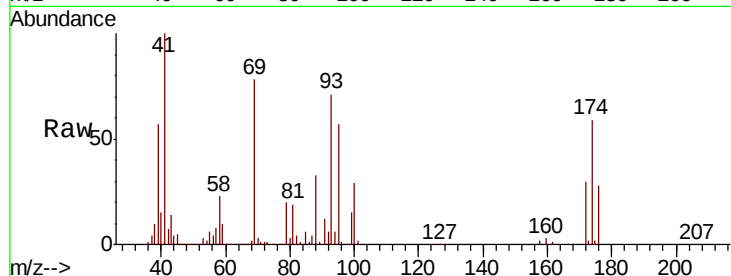




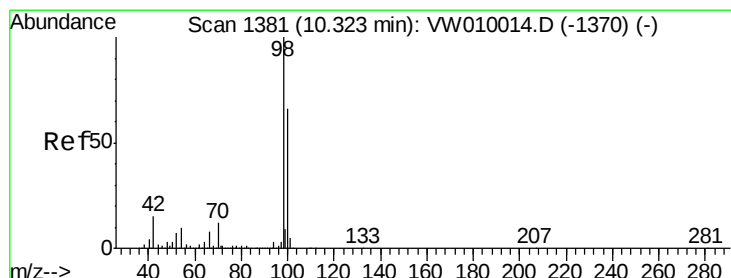
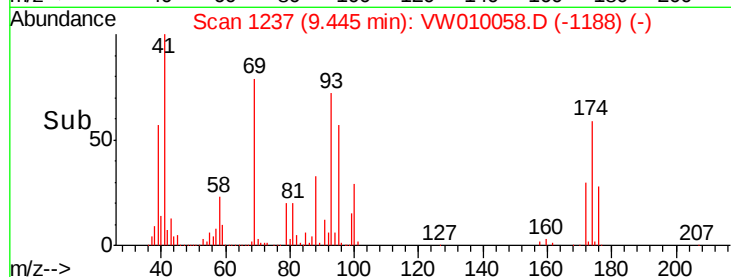
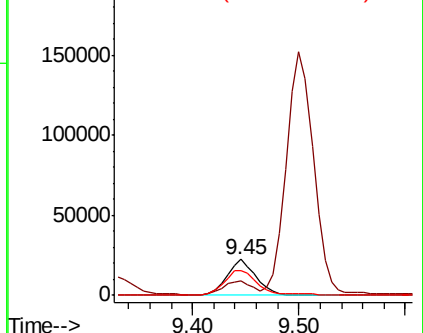
#49
 1,4-Dioxane
 Concen: 1365.687 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 43221
 Ion Ratio Lower Upper
 88 100
 43 39.6 31.9 47.9
 58 80.5 61.8 92.6

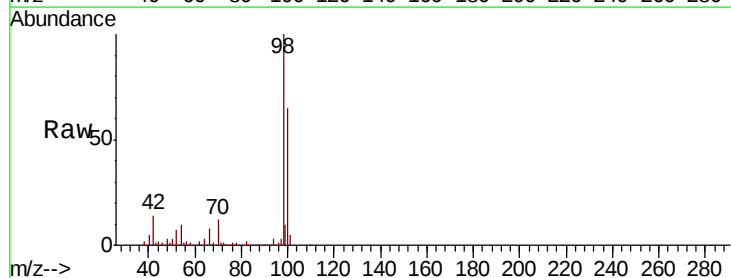


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

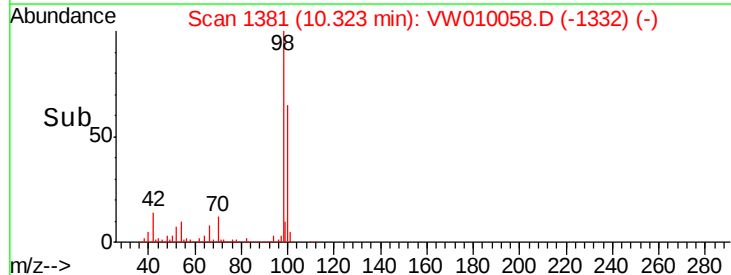
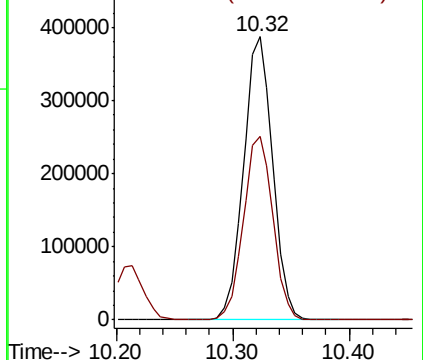


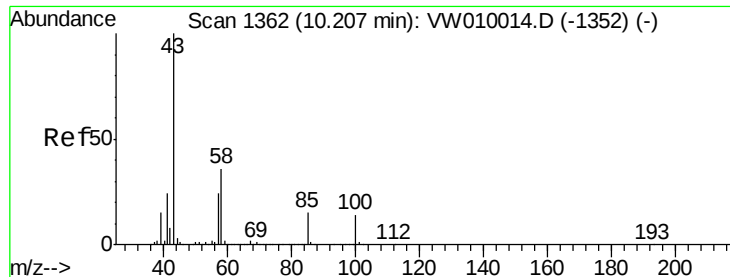
#50
 Toluene-d8
 Concen: 52.135 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 98 Resp: 676083
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.3 78.5



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

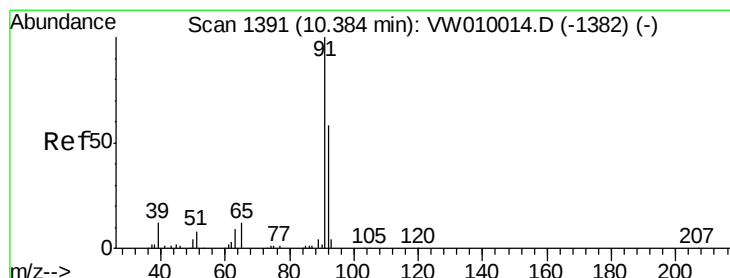
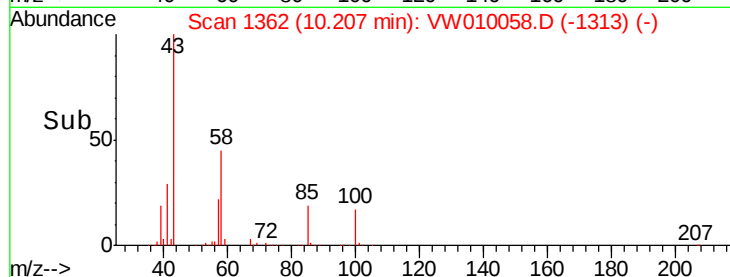
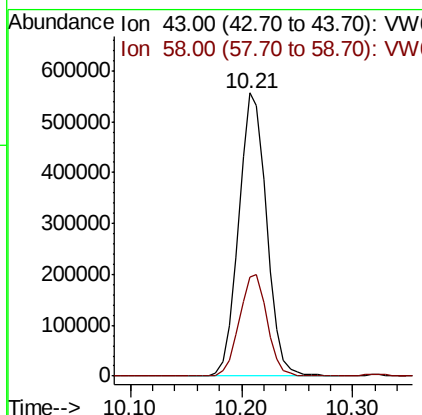
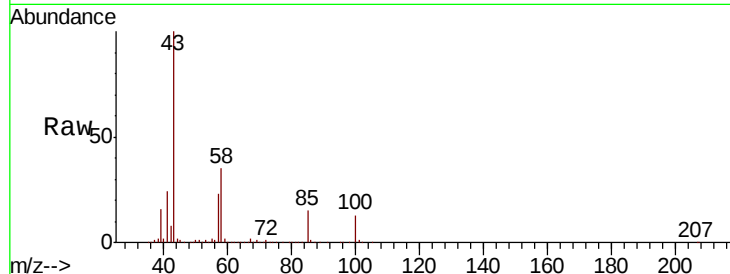




#51
 4-Methyl-2-Pentanone
 Concen: 347.863 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

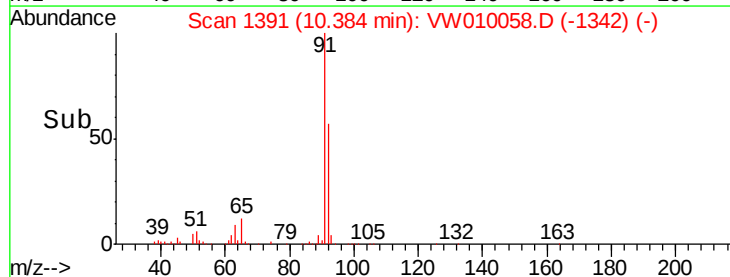
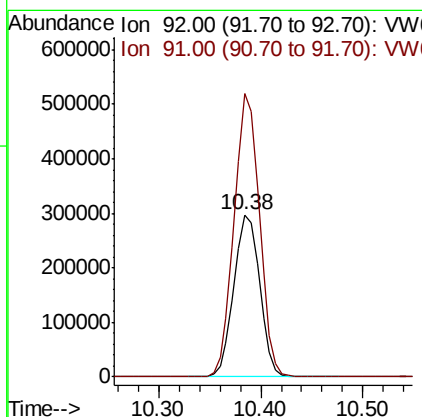
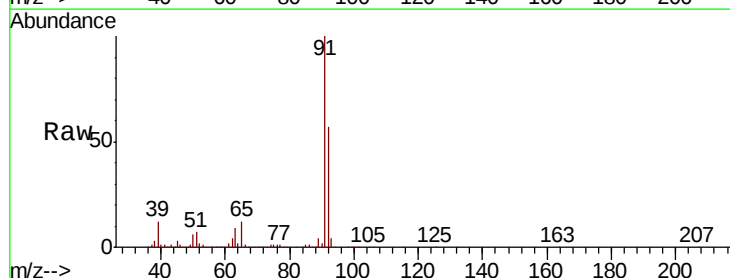
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

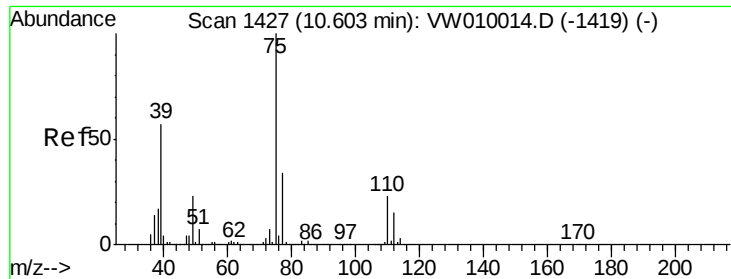
Tgt Ion: 43 Resp: 964642
 Ion Ratio Lower Upper
 43 100
 58 35.9 28.9 43.3



#52
 Toluene
 Concen: 54.874 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 92 Resp: 519683
 Ion Ratio Lower Upper
 92 100
 91 171.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 57.404 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

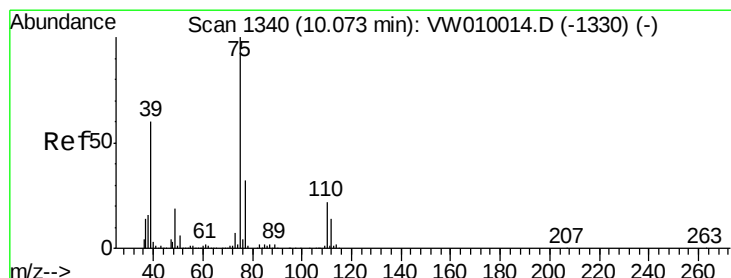
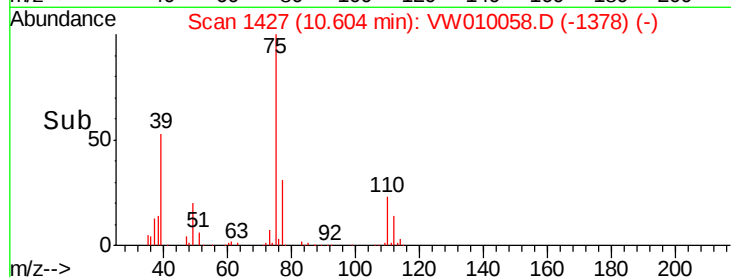
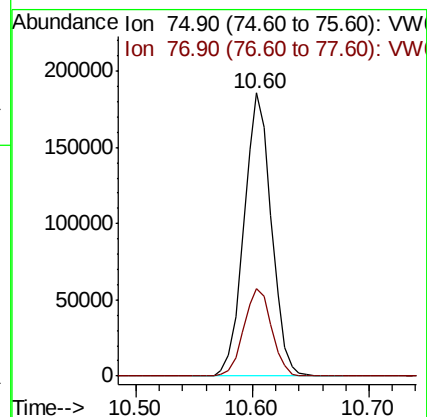
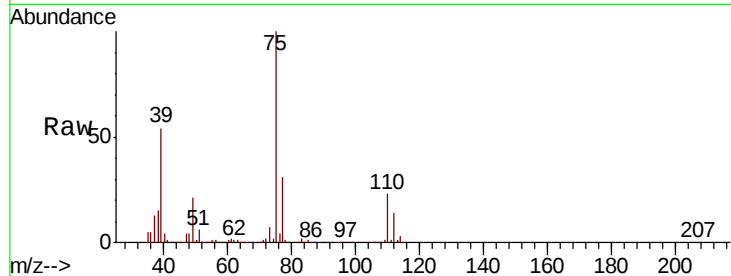
VSTDCCC050EC

Tgt Ion: 75 Resp: 304298

Ion Ratio Lower Upper

75 100

77 30.8 26.9 40.3



#54

cis-1,3-Dichloropropene

Concen: 56.280 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

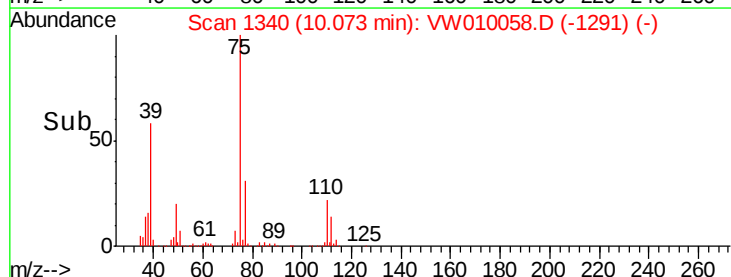
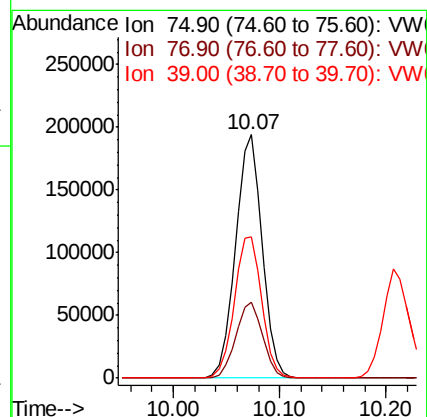
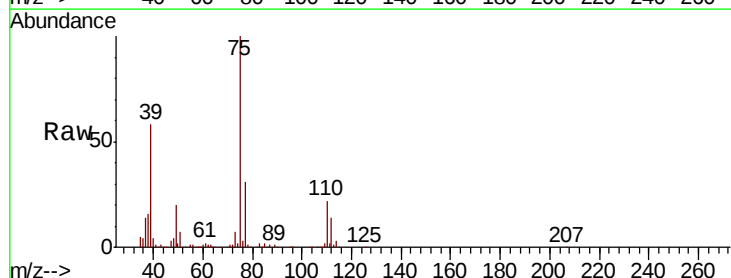
Tgt Ion: 75 Resp: 340661

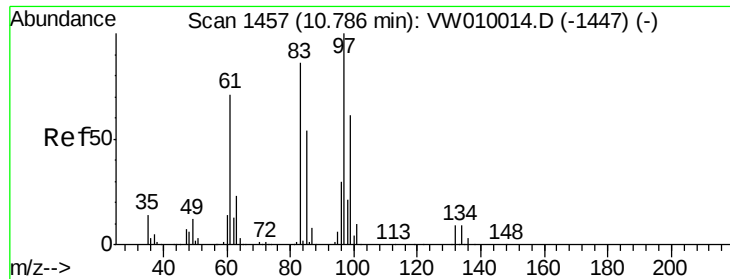
Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 58.1 47.8 71.6

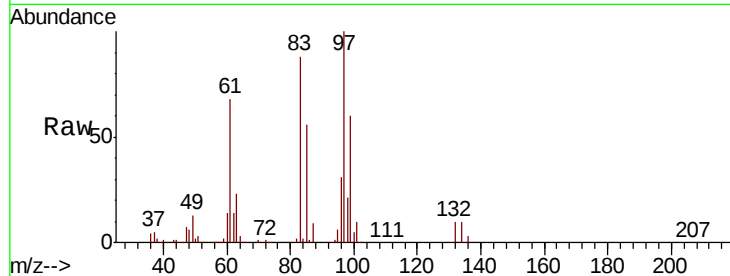




#55
 1,1,2-Trichloroethane
 Concen: 59.130 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	170937
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.9	103.3
85	56.2	42.9	64.3
99	59.8	48.6	72.8



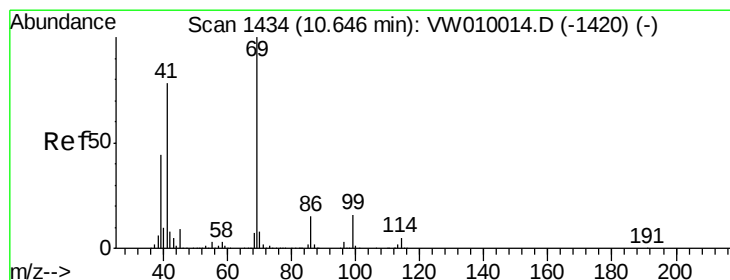
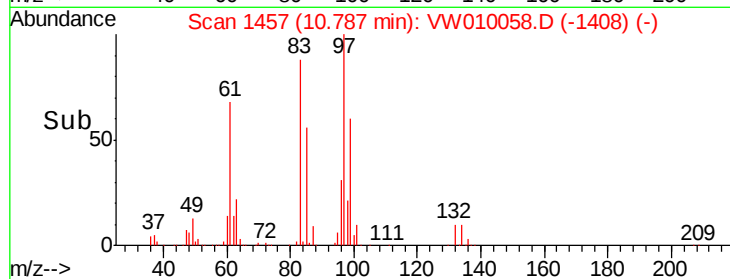
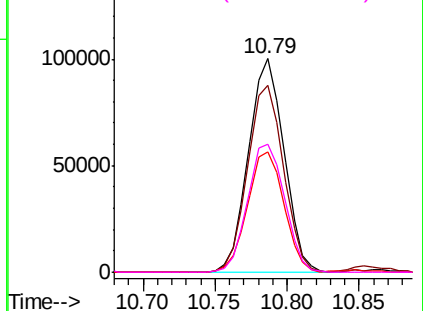
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

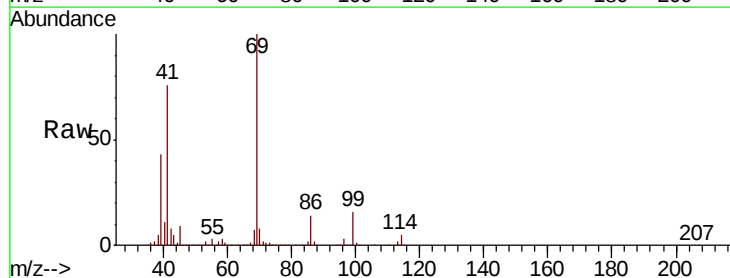
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 61.509 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion:	69	Resp:	249493
Ion	Ratio	Lower	Upper
69	100		
41	76.9	61.0	91.6
39	40.9	33.8	50.6

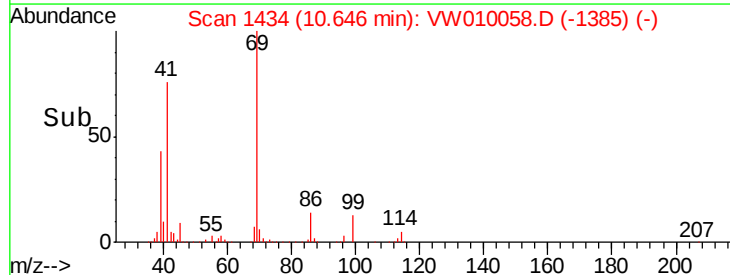
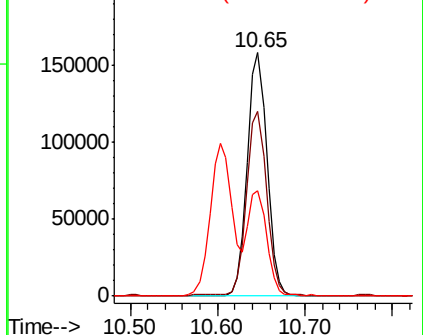


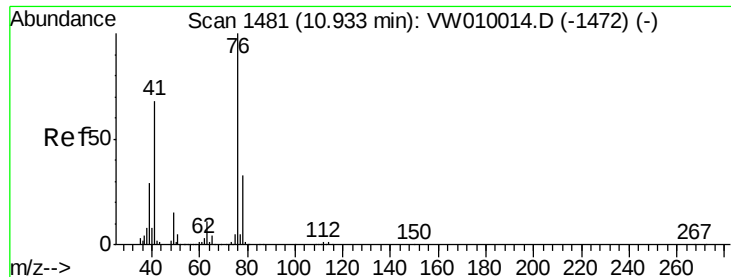
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

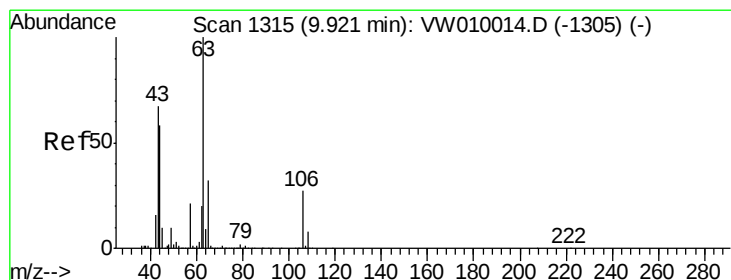
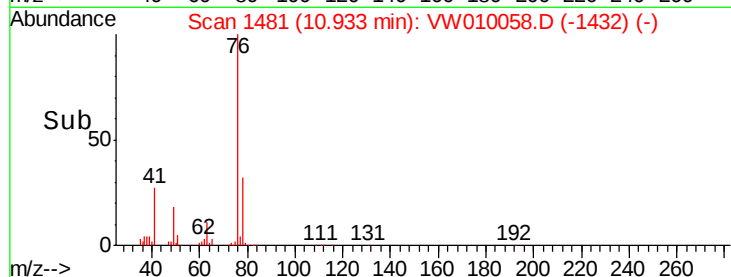
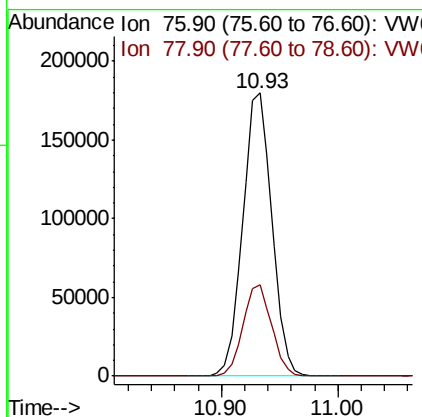
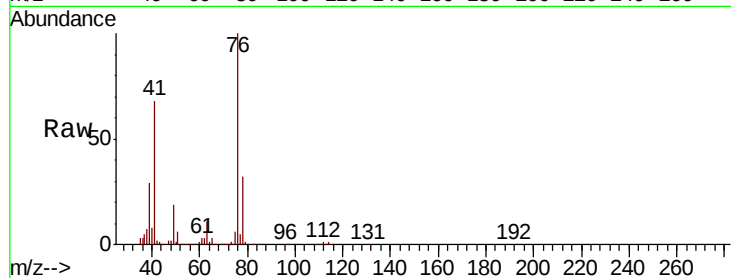




#57
 1,3-Dichloropropane
 Concen: 60.591 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

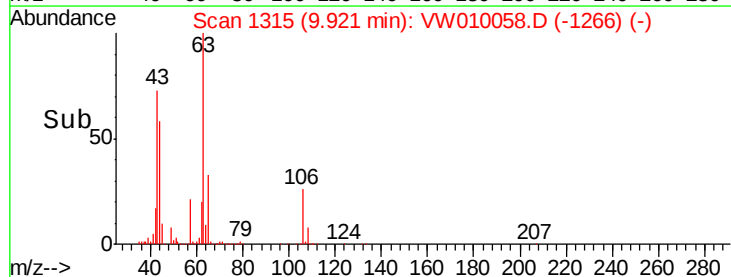
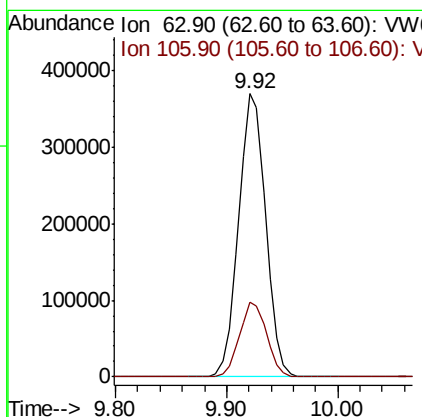
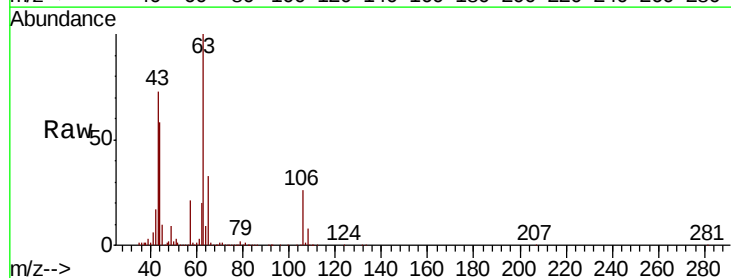
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

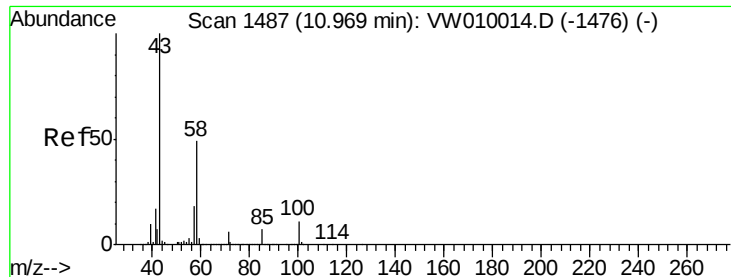
Tgt Ion: 76 Resp: 313952
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 375.333 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 63 Resp: 621194
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.4 32.0

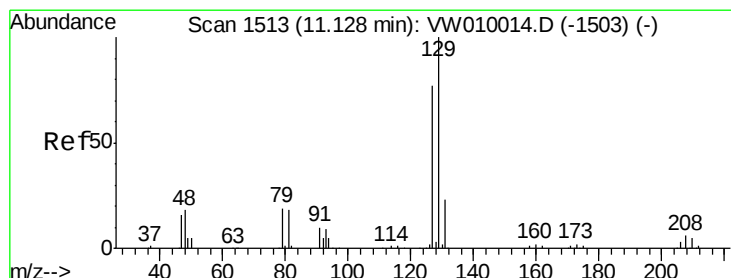
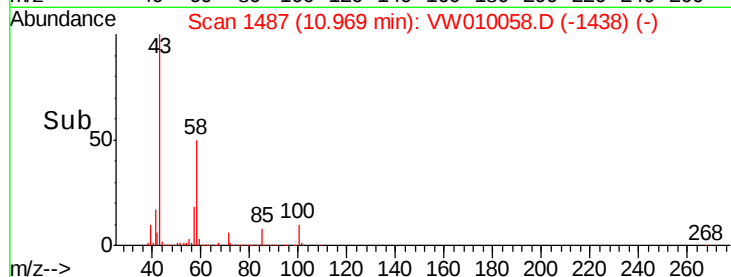
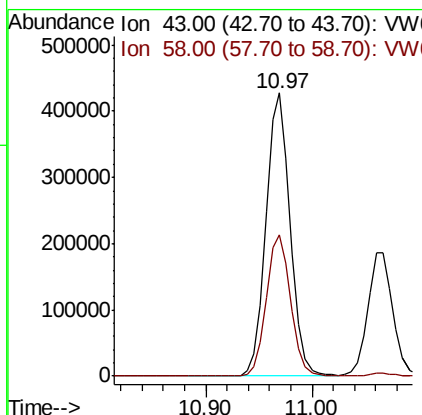
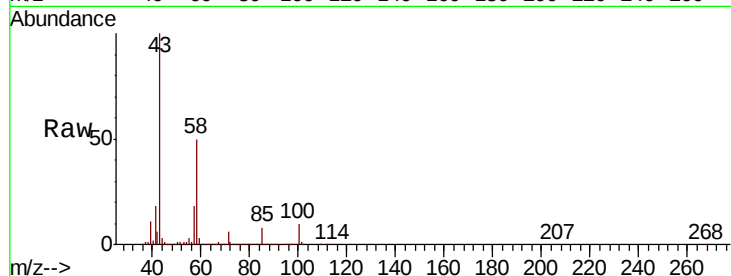




#59
2-Hexanone
Concen: 350.680 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

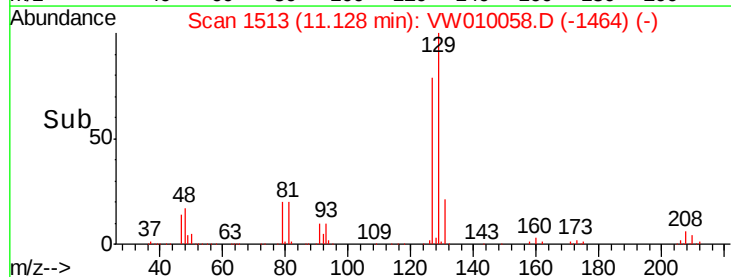
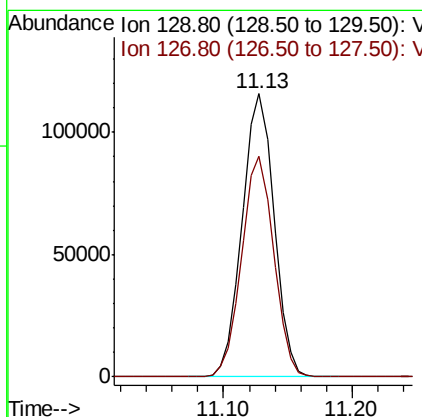
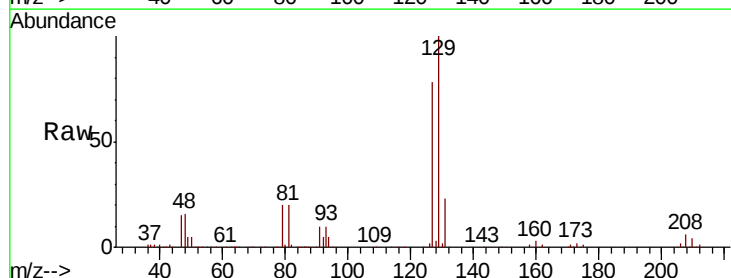
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

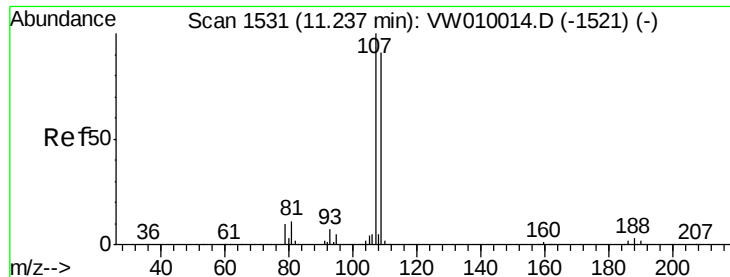
Tgt Ion: 43 Resp: 676933
Ion Ratio Lower Upper
43 100
58 50.0 24.9 74.7



#60
Dibromochloromethane
Concen: 59.261 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 129 Resp: 198005
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0

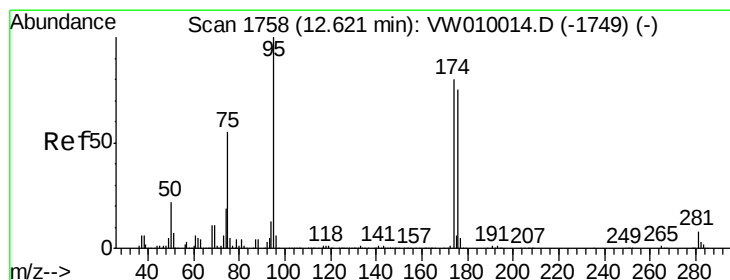
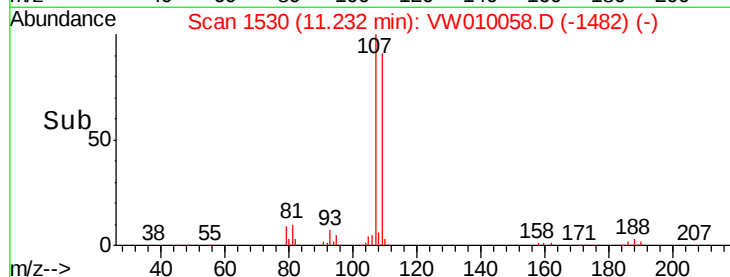
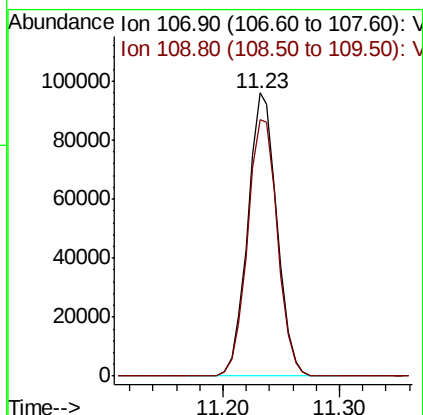
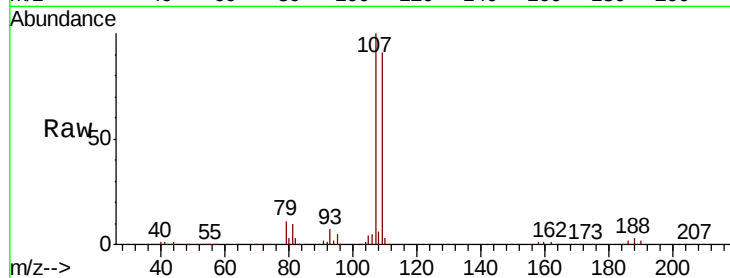




#61
 1,2-Dibromoethane
 Concen: 60.772 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

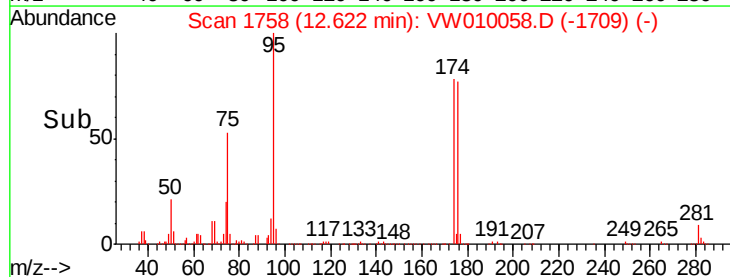
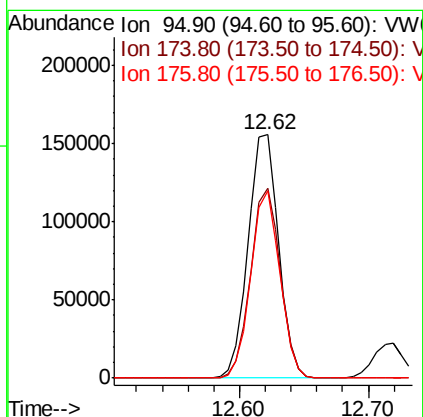
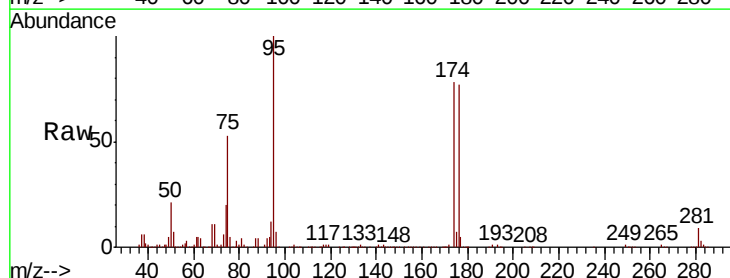
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

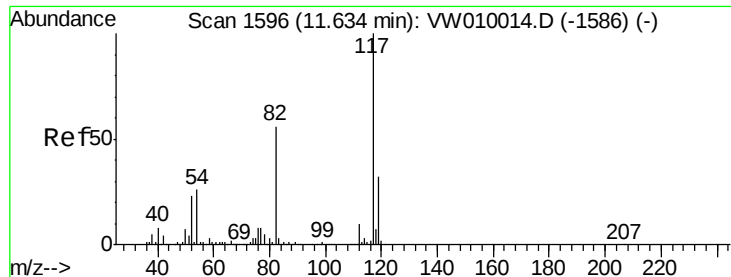
Tgt Ion: 107 Resp: 167125
 Ion Ratio Lower Upper
 107 100
 109 93.3 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 53.787 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 95 Resp: 253540
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 151.4
 176 73.3 0.0 146.2

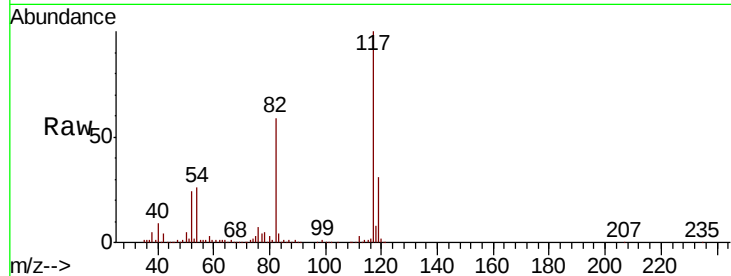




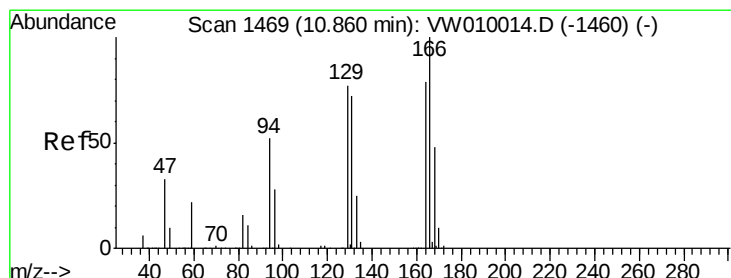
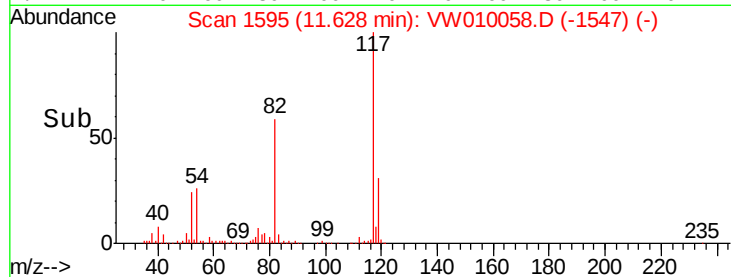
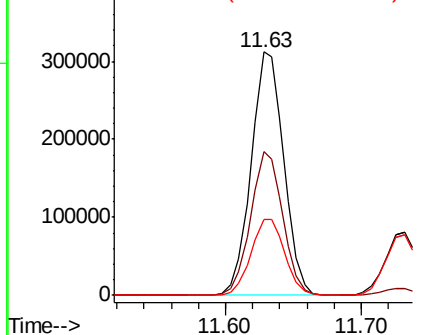
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 525300
Ion Ratio Lower Upper
117 100
82 59.2 45.2 67.8
119 31.2 25.4 38.2

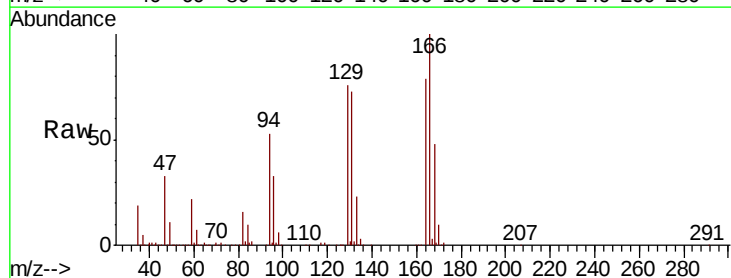


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

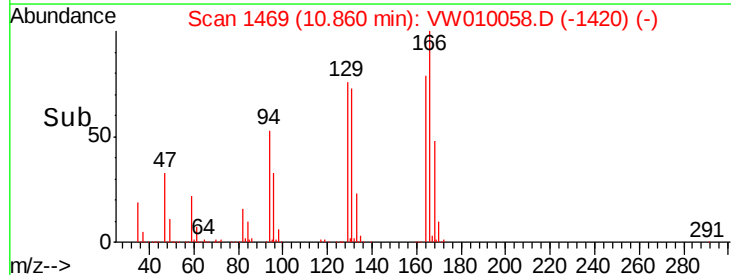
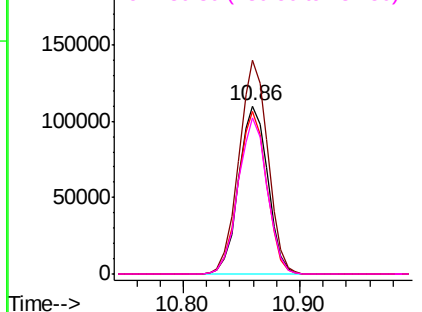


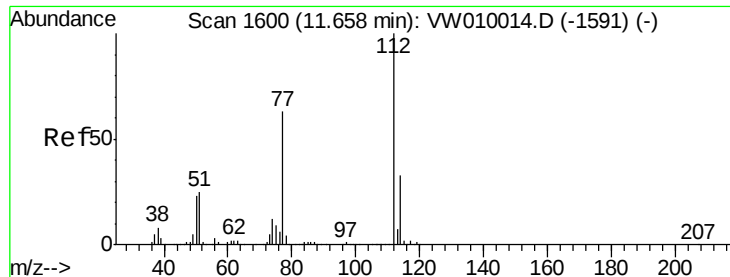
#64
Tetrachloroethene
Concen: 56.042 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion:164 Resp: 191107
Ion Ratio Lower Upper
164 100
166 127.3 101.2 151.8
129 97.2 77.8 116.6
131 93.1 73.1 109.7



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

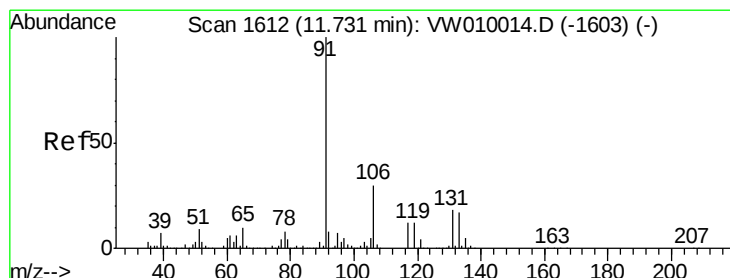
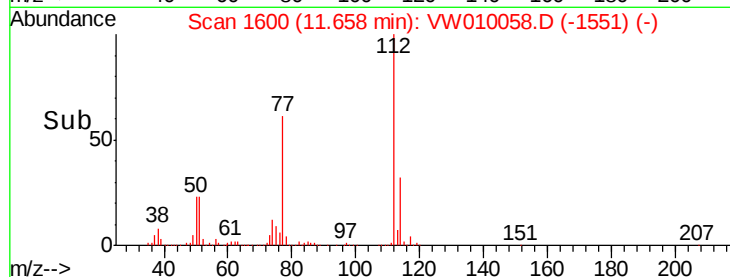
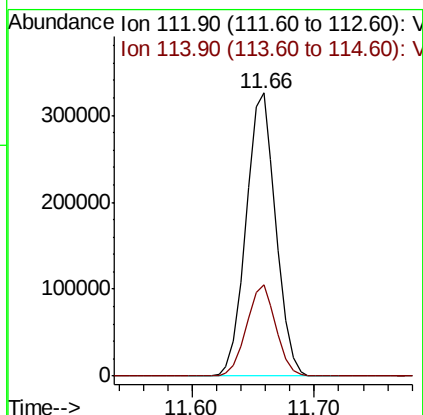
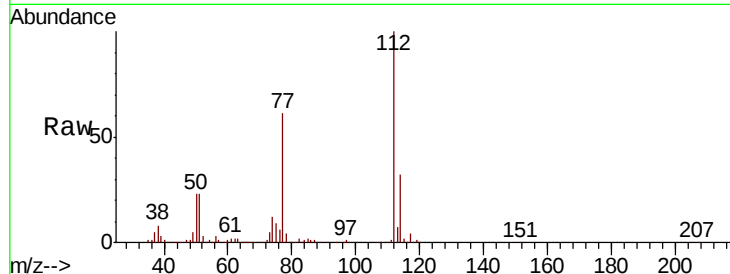




#65
Chlorobenzene
Concen: 51.126 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

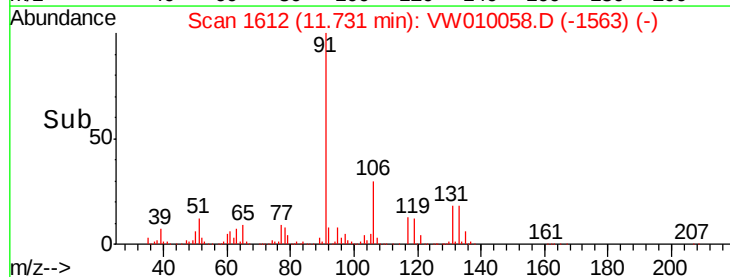
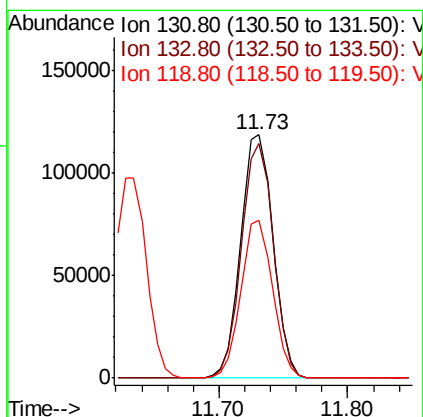
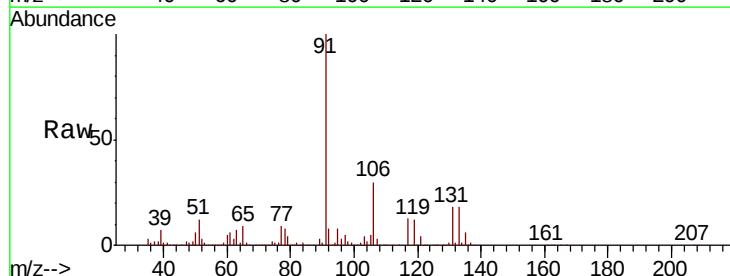
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

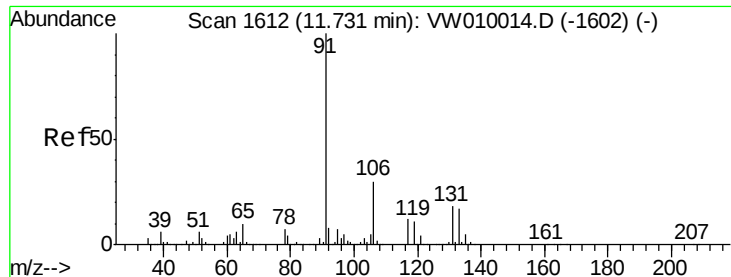
Tgt Ion:112 Resp: 549682
Ion Ratio Lower Upper
112 100
114 32.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.693 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion:131 Resp: 206440
Ion Ratio Lower Upper
131 100
133 94.9 46.5 139.5
119 63.5 31.9 95.5

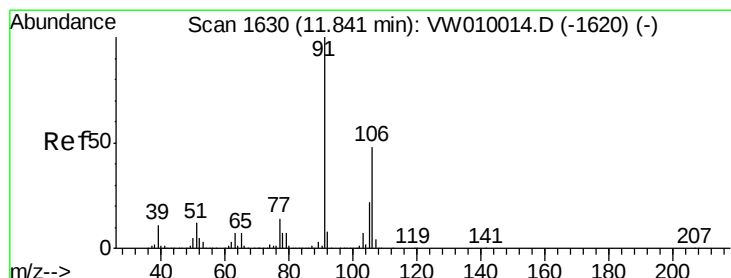
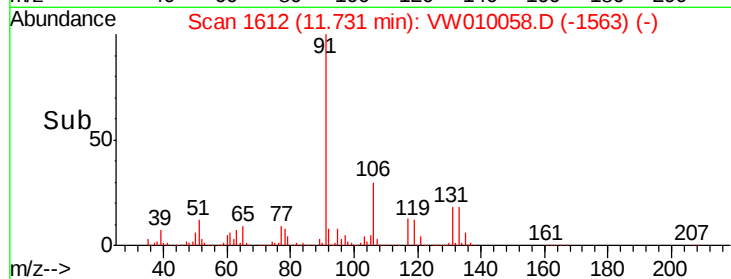
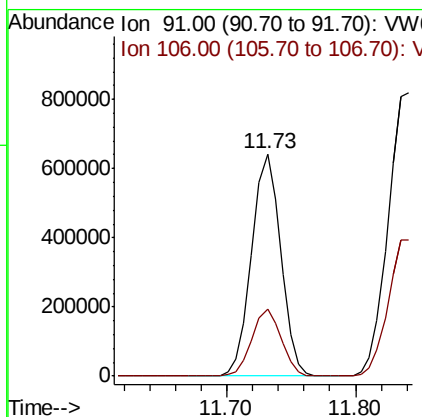
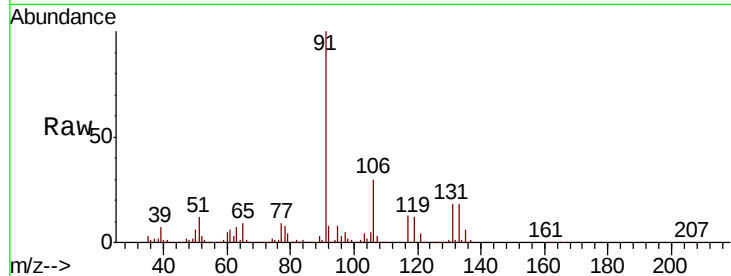




#67
Ethyl Benzene
Concen: 52.210 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

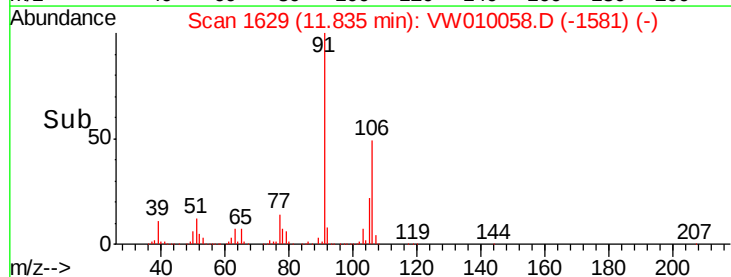
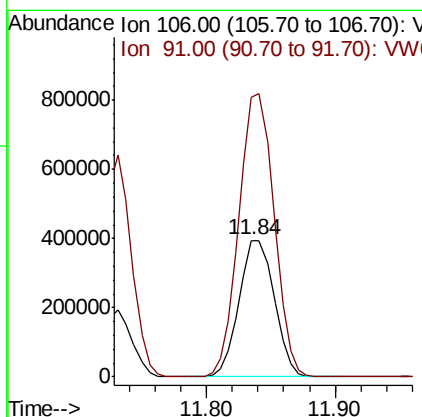
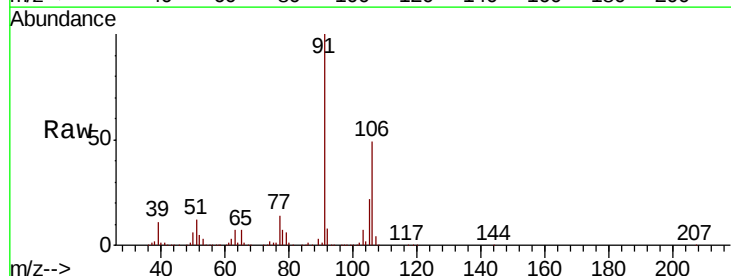
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

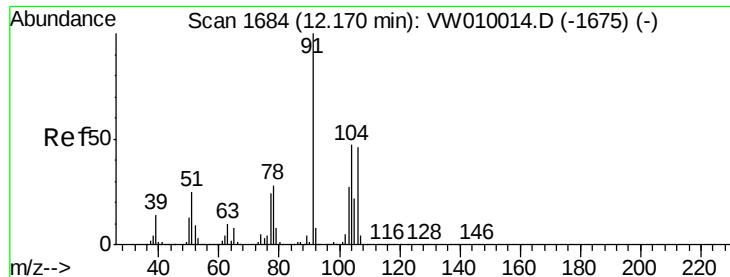
Tgt Ion: 91 Resp: 1001513
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8



#68
m/p-Xylenes
Concen: 104.626 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 106 Resp: 750219
Ion Ratio Lower Upper
106 100
91 207.2 165.0 247.6

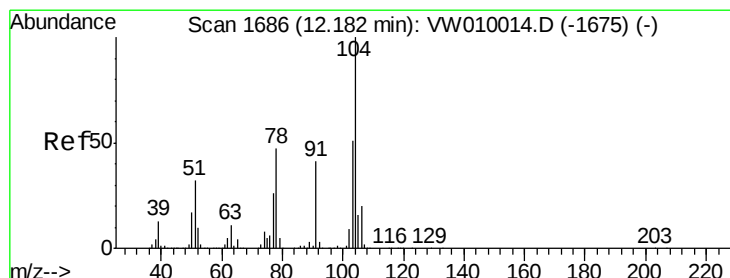
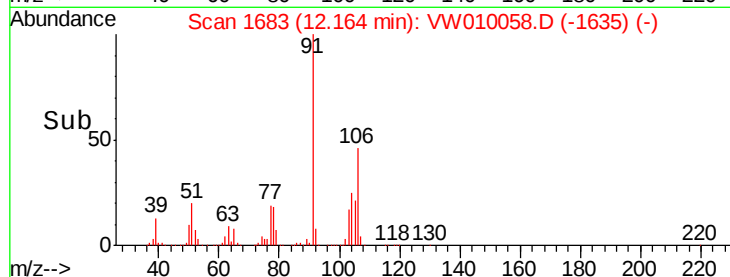
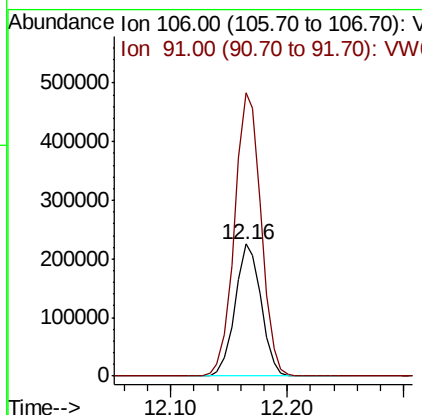
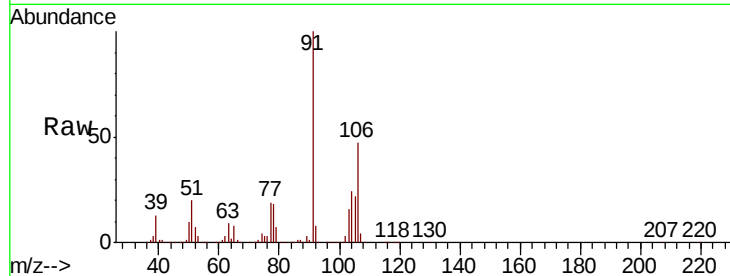




#69
o-Xylene
Concen: 53.885 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

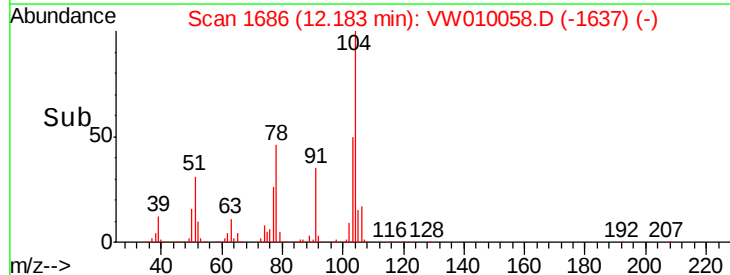
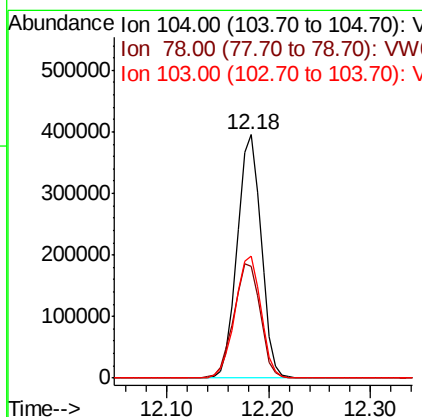
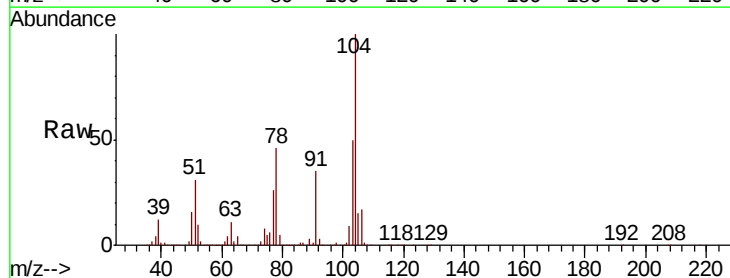
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

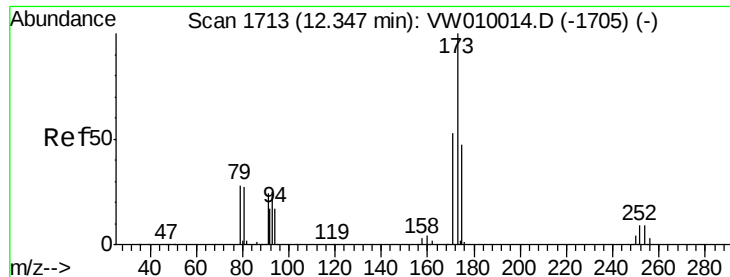
Tgt Ion:106 Resp: 351815
Ion Ratio Lower Upper
106 100
91 218.2 110.5 331.4



#70
Styrene
Concen: 56.853 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion:104 Resp: 640007
Ion Ratio Lower Upper
104 100
78 52.1 42.5 63.7
103 54.3 43.6 65.4

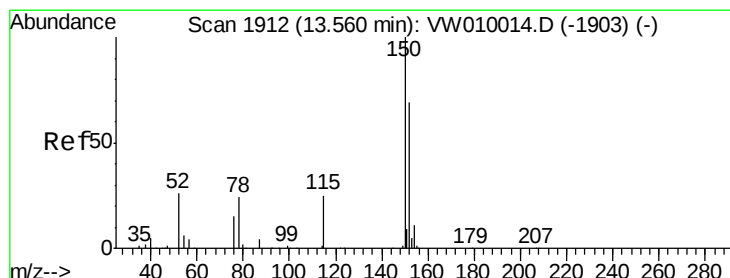
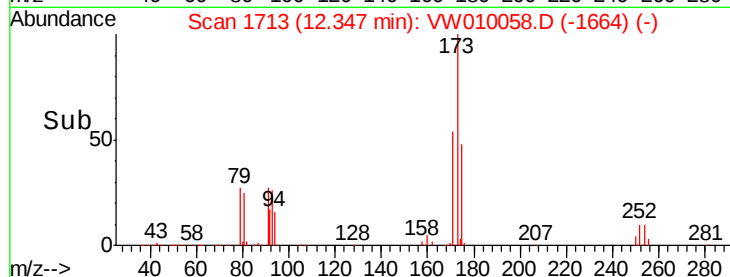
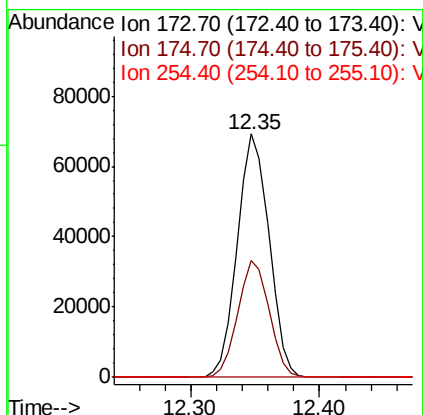
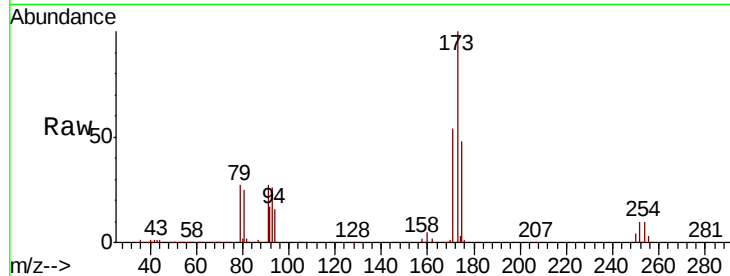




#71
Bromoform
Concen: 58.189 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

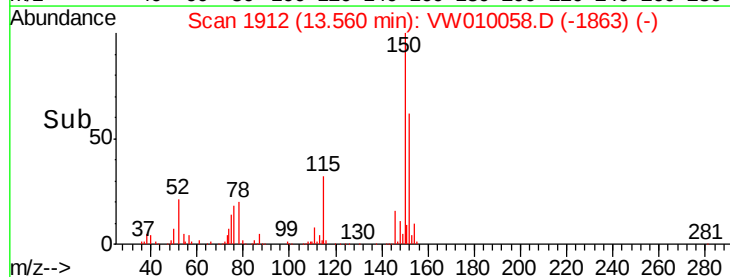
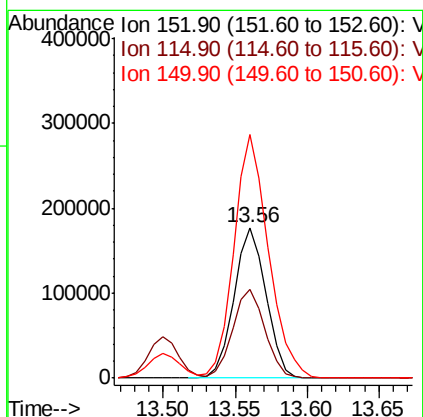
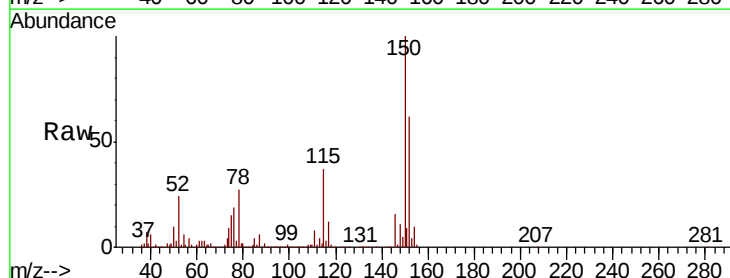
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

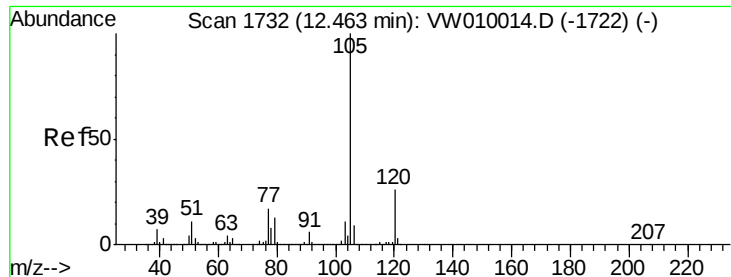
Tgt Ion:173 Resp: 118302
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion:152 Resp: 273631
Ion Ratio Lower Upper
152 100
115 59.6 30.4 91.2
150 174.7 0.0 347.0





#73

Isopropylbenzene

Concen: 49.845 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

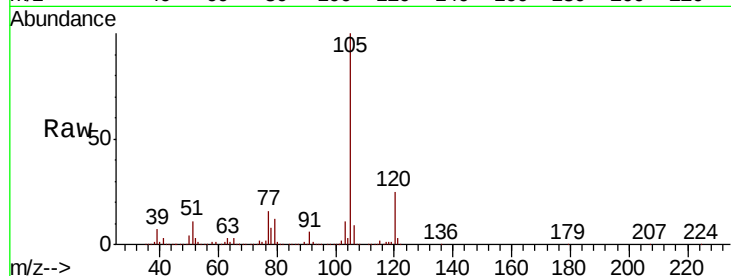
VSTDCCC050EC

Tgt Ion: 105 Resp: 949256

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

600000

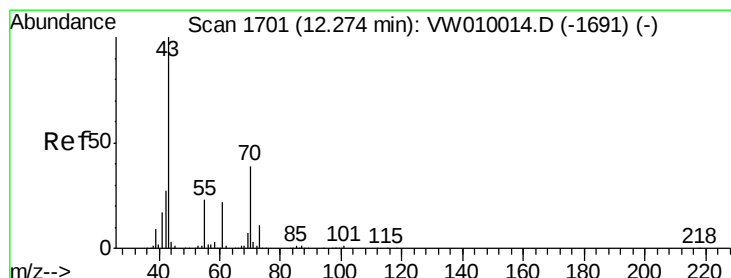
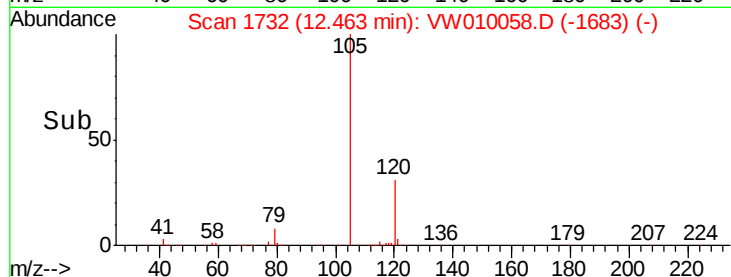
400000

200000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 62.807 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion: 43 Resp: 331238

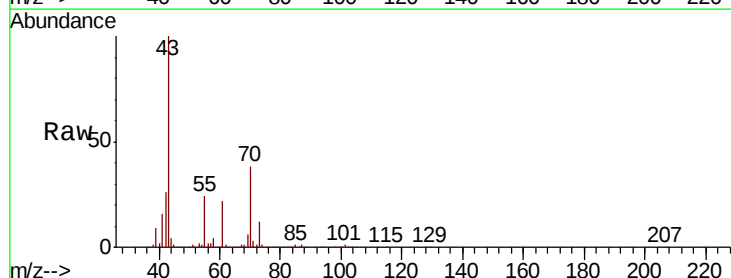
Ion Ratio Lower Upper

43 100

70 38.7 31.3 46.9

55 25.1 20.0 30.0

61 21.9 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

300000

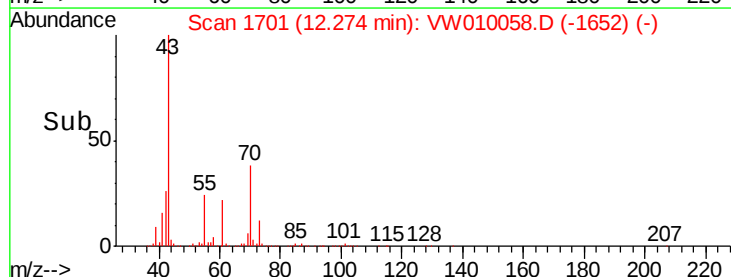
200000

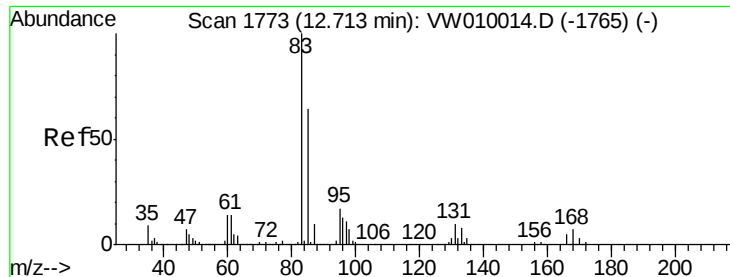
100000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 58.915 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

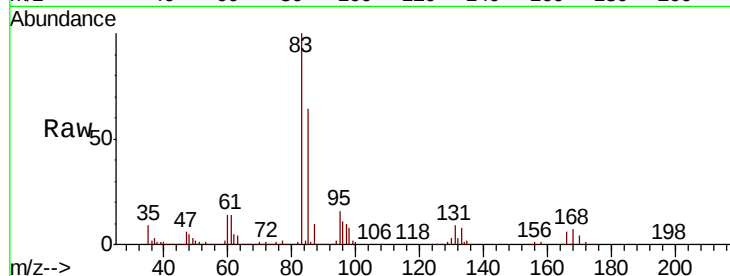
Tgt Ion: 83 Resp: 221668

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

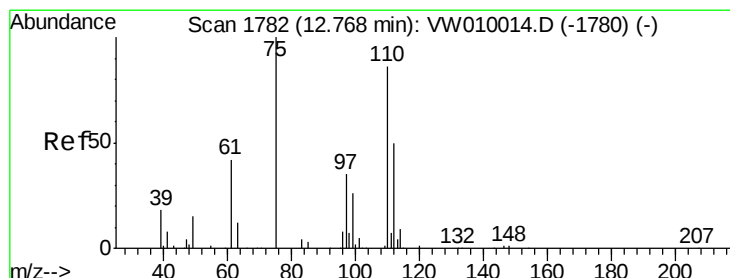
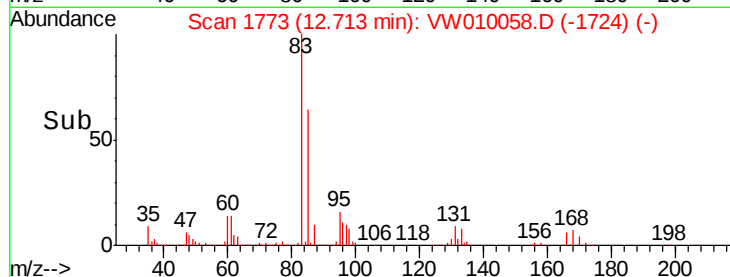
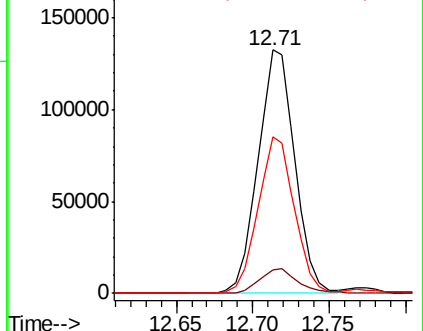
85 63.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 104.603 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010058.D

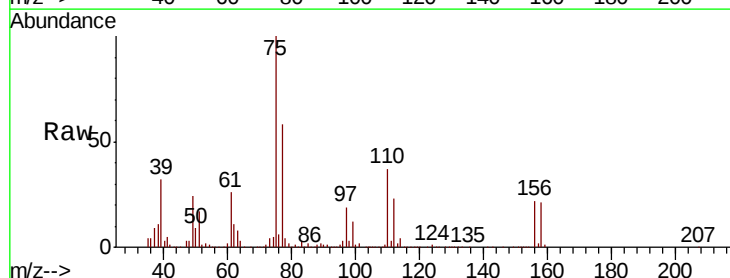
Acq: 18 Apr 2019 21:08

Tgt Ion: 75 Resp: 286469

Ion Ratio Lower Upper

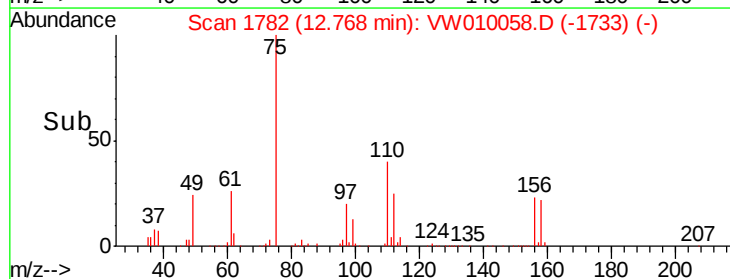
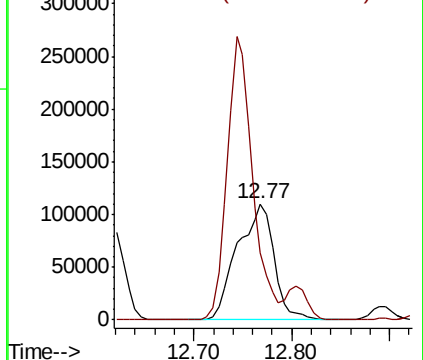
75 100

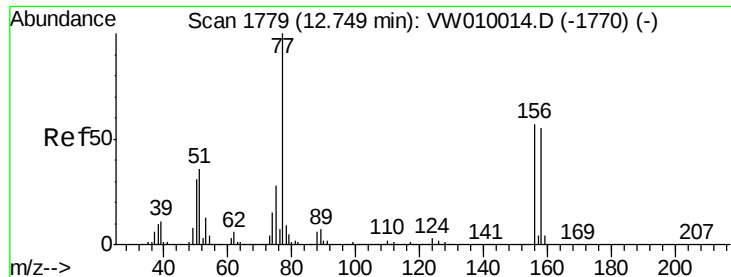
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.305 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

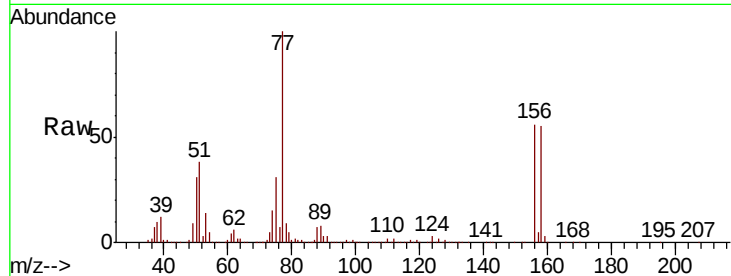
Tgt Ion:156 Resp: 233471

Ion Ratio Lower Upper

156 100

77 207.5 102.5 307.4

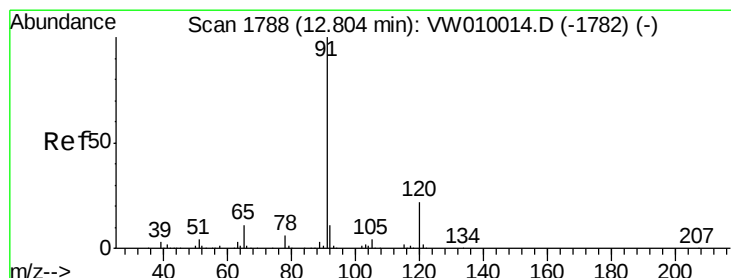
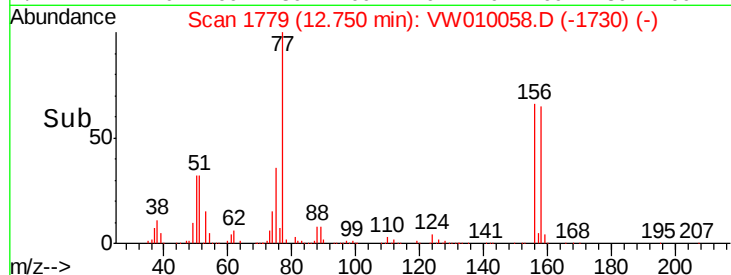
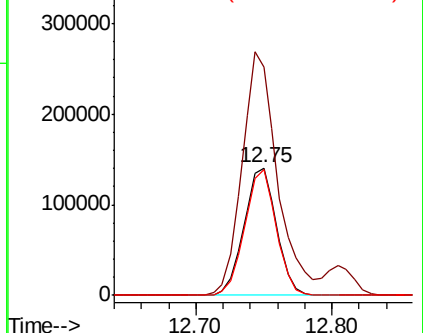
158 96.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.881 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010058.D

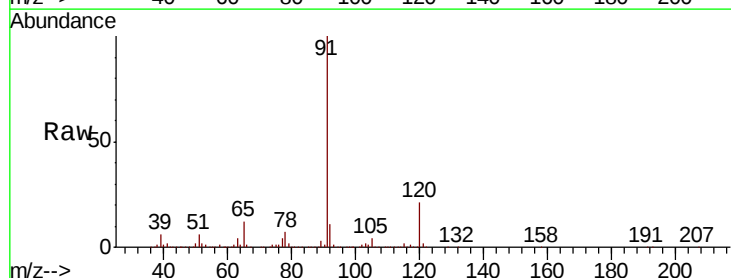
Acq: 18 Apr 2019 21:08

Tgt Ion: 91 Resp: 1177327

Ion Ratio Lower Upper

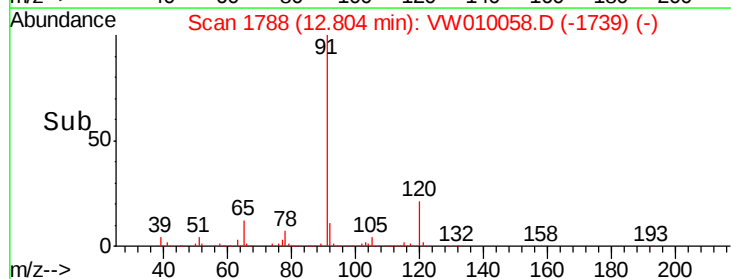
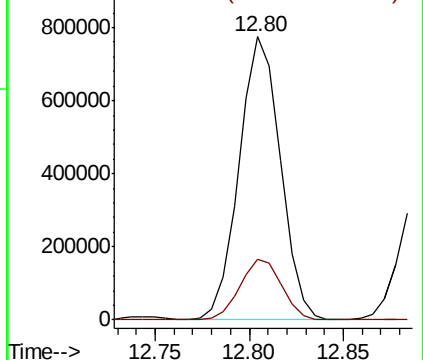
91 100

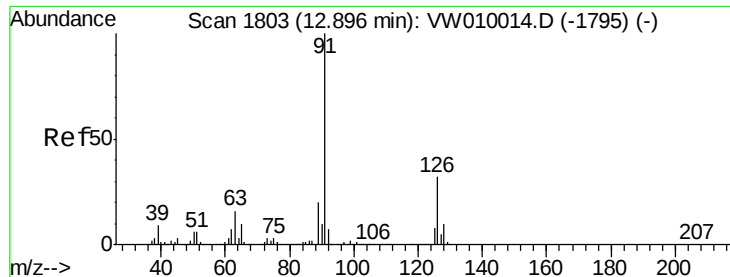
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.549 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

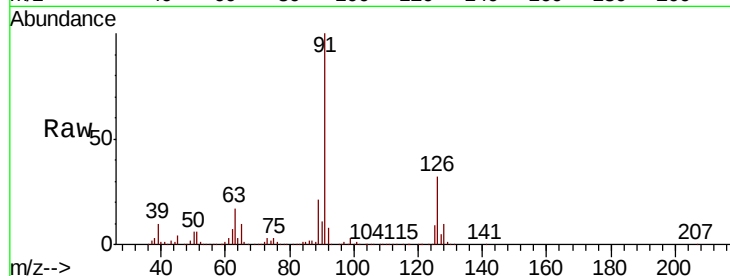
VSTDCCC050EC

Tgt Ion: 91 Resp: 686184

Ion Ratio Lower Upper

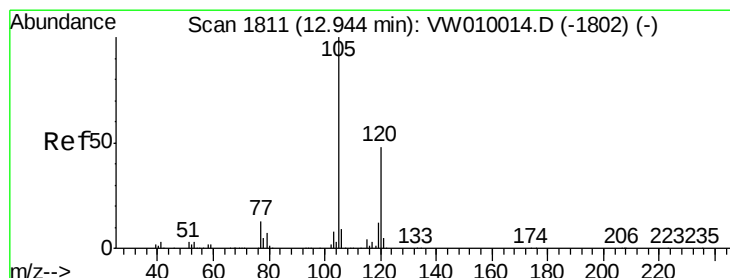
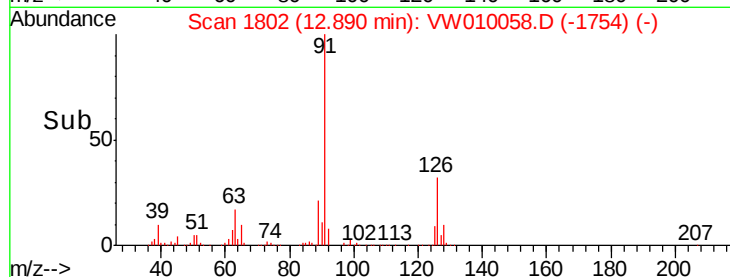
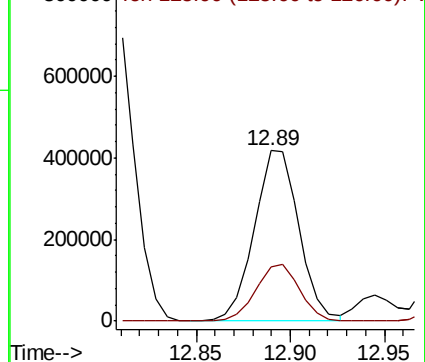
91 100

126 32.8 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: 51.994 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010058.D

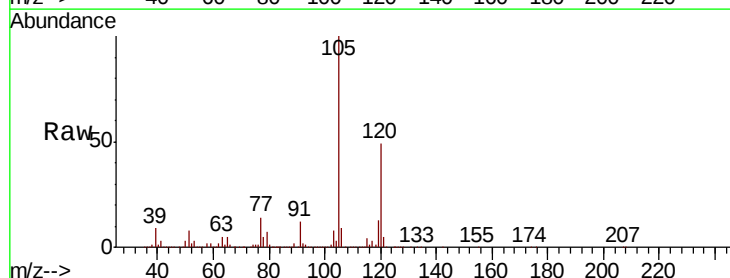
Acq: 18 Apr 2019 21:08

Tgt Ion: 105 Resp: 839557

Ion Ratio Lower Upper

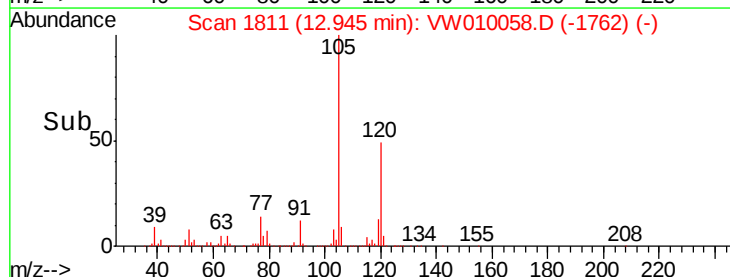
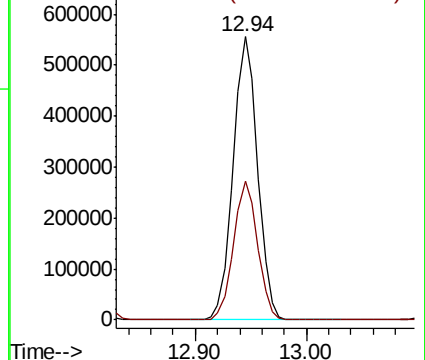
105 100

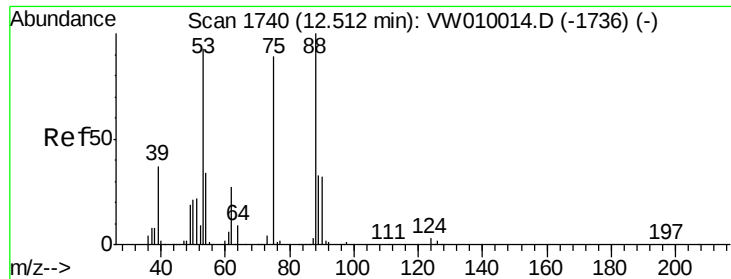
120 48.6 24.3 72.8



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: 57.252 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

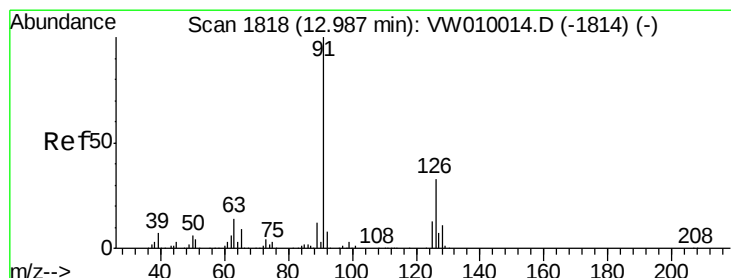
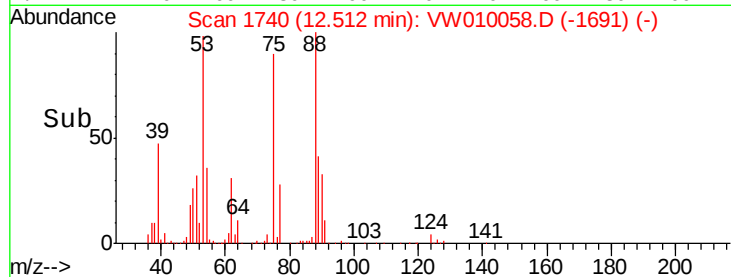
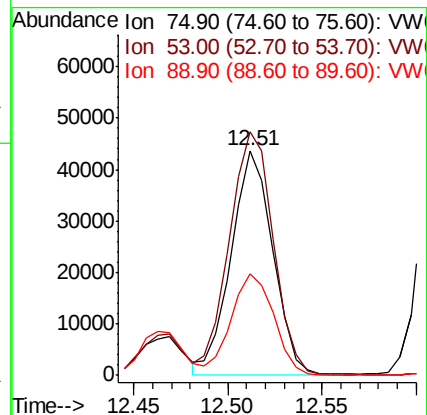
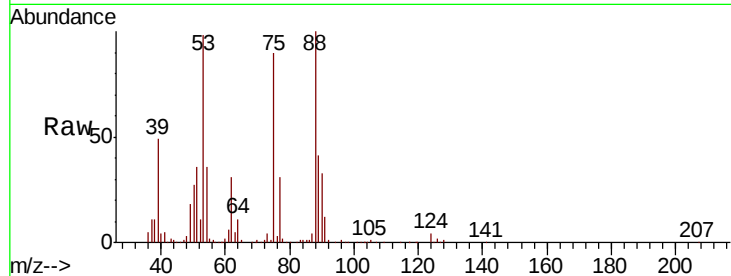
Tgt Ion: 75 Resp: 66495

Ion Ratio Lower Upper

75 100

53 115.4 89.8 134.8

89 46.6 36.6 54.8



#82

4-Chlorotoluene

Concen: 51.127 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW010058.D

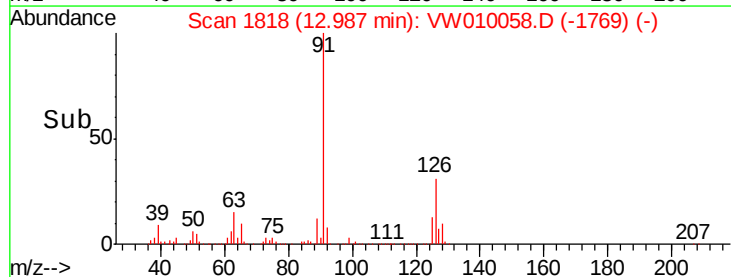
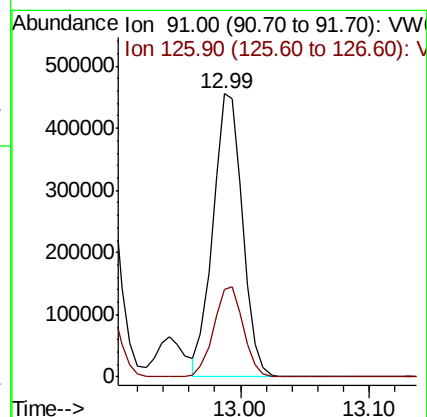
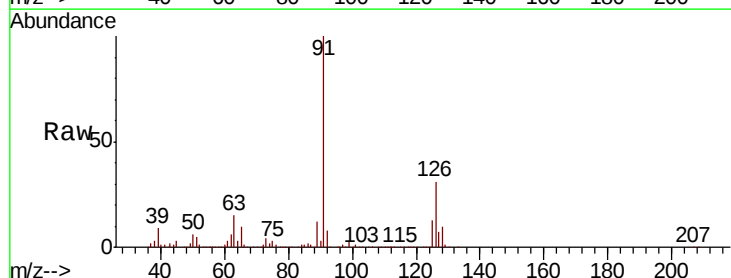
Acq: 18 Apr 2019 21:08

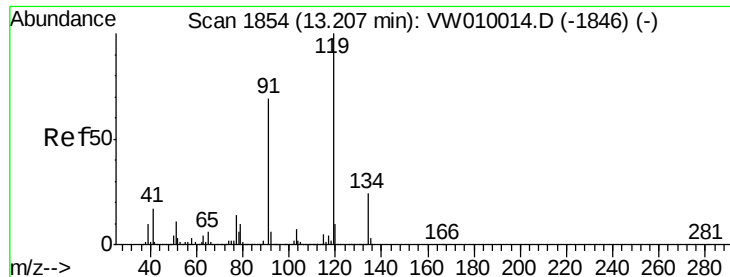
Tgt Ion: 91 Resp: 730433

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1

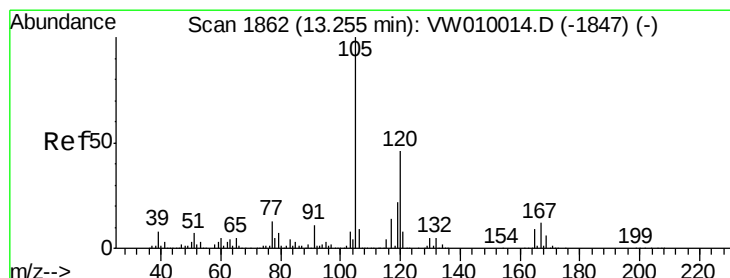
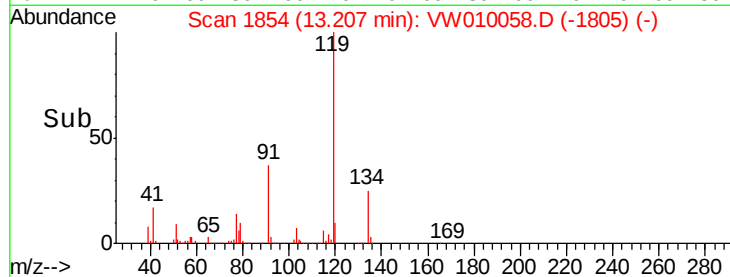
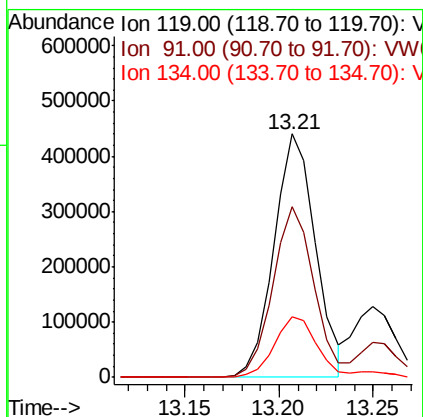
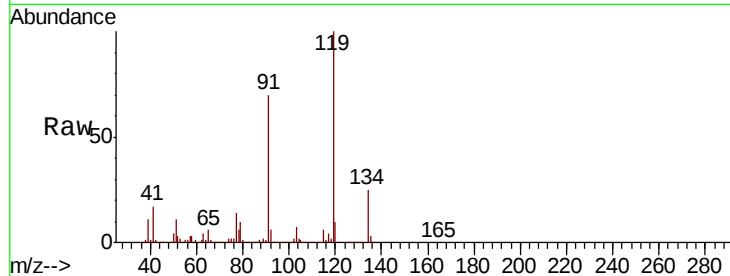




#83
 tert-Butylbenzene
 Concen: 50.239 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

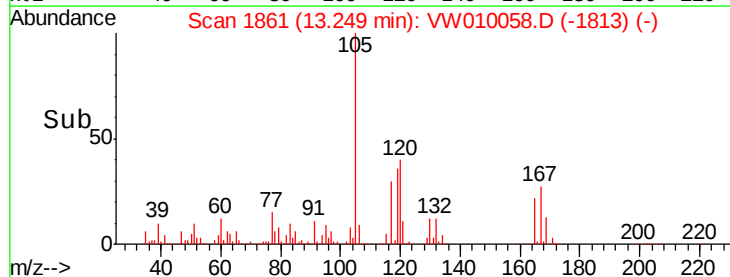
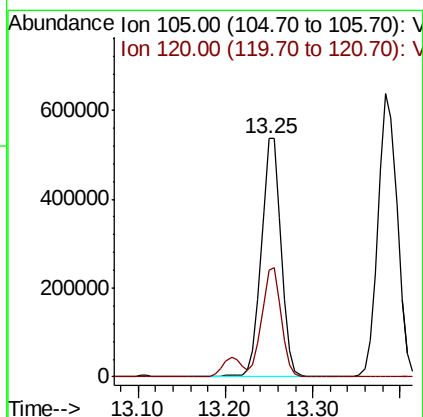
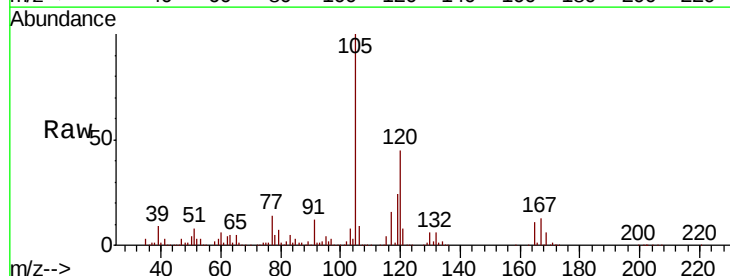
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

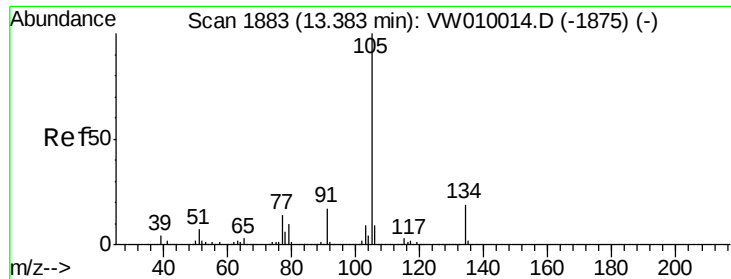
Tgt Ion:119 Resp: 671778
 Ion Ratio Lower Upper
 119 100
 91 70.6 34.8 104.4
 134 25.4 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.921 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion:105 Resp: 850003
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.7

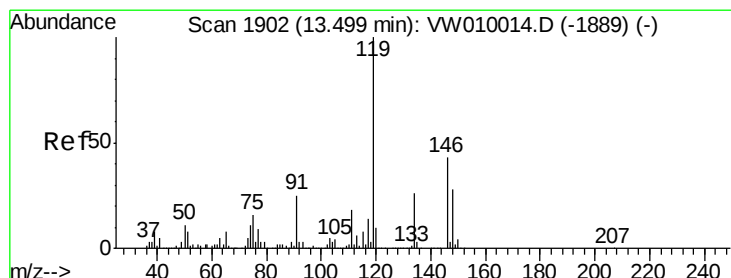
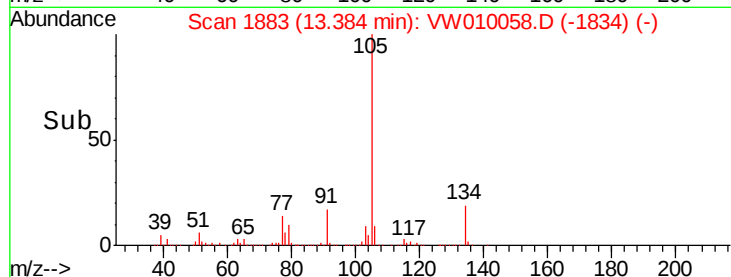
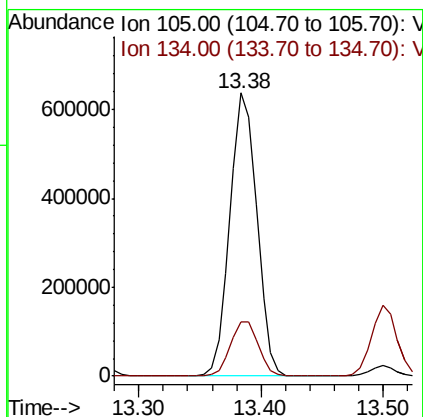
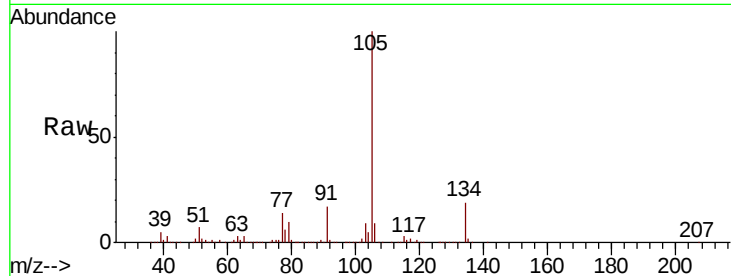




#85
 sec-Butylbenzene
 Concen: 48.555 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

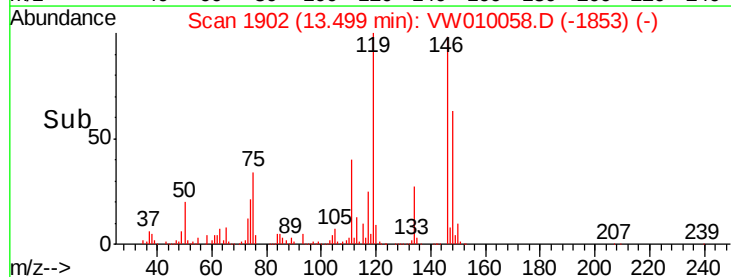
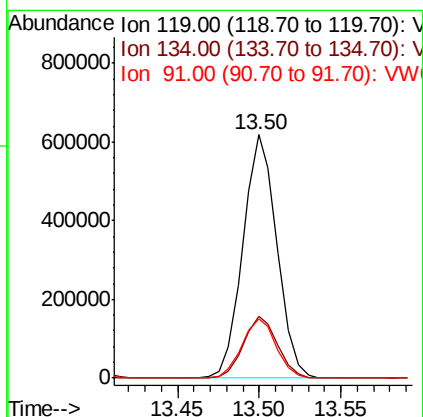
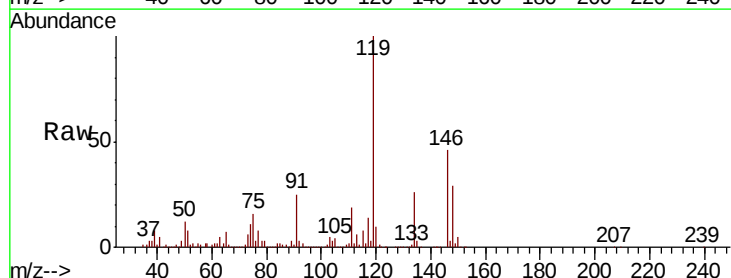
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

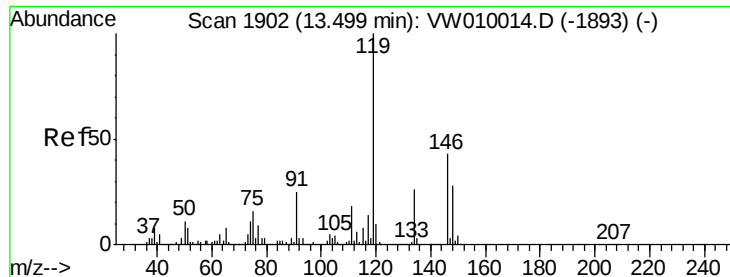
Tgt Ion:105 Resp: 970258
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.739 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion:119 Resp: 893653
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 24.8 12.3 36.9

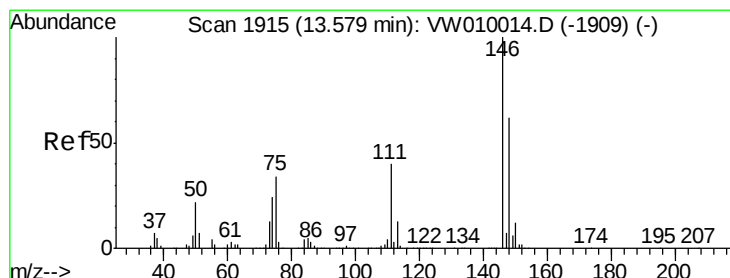
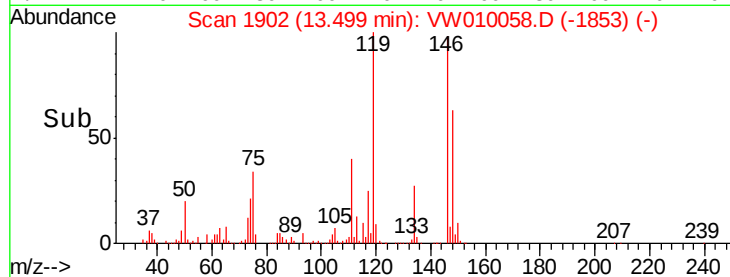
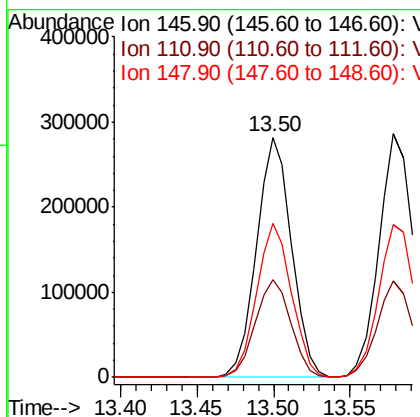
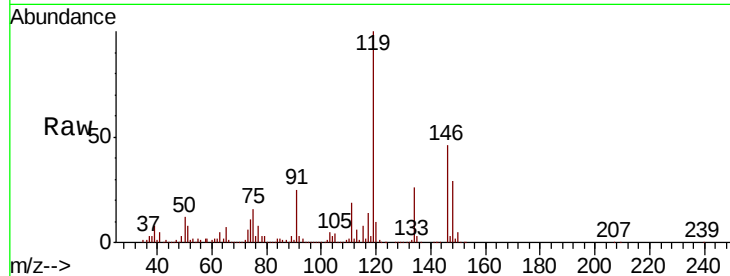




#87
 1,3-Dichlorobenzene
 Concen: 50.786 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

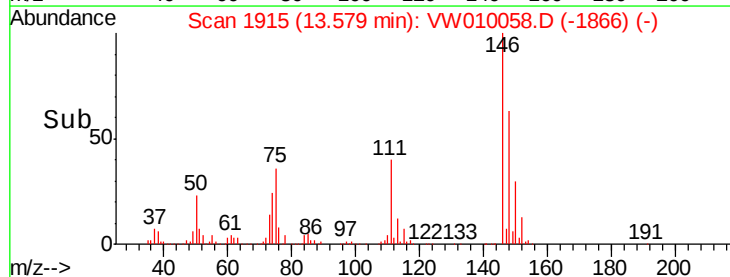
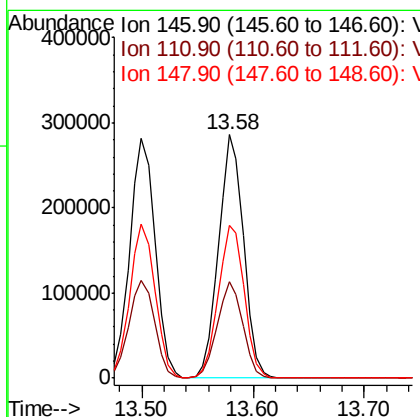
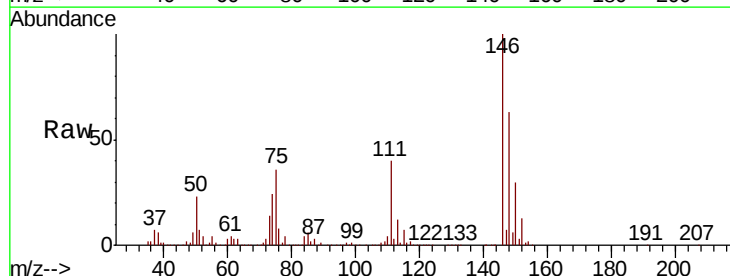
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

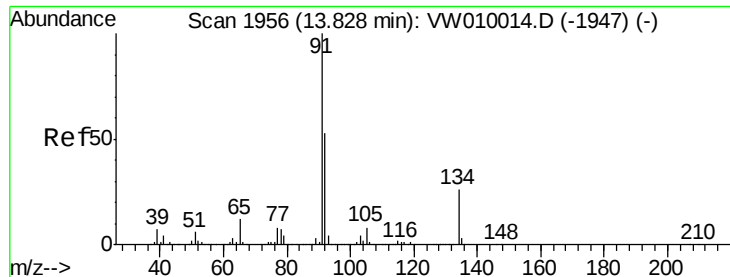
Tgt Ion:146 Resp: 449643
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.280 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion:146 Resp: 444340
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.3
 148 64.9 31.8 95.3





#89

n-Butylbenzene

Concen: 49.920 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

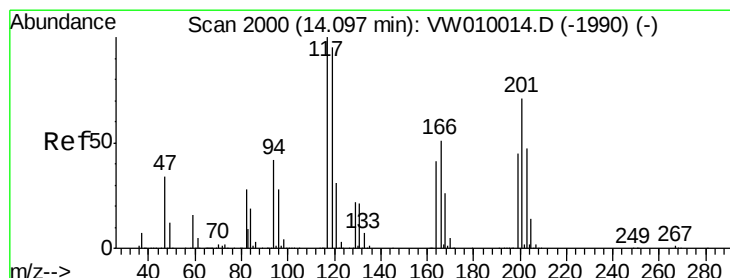
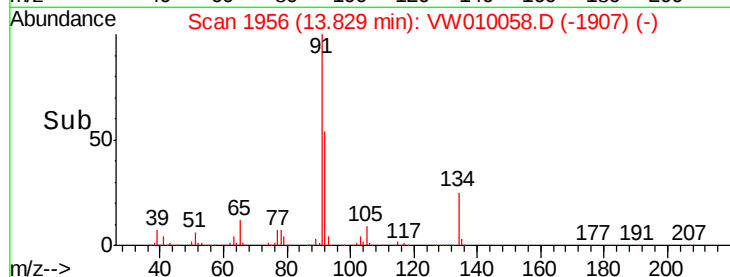
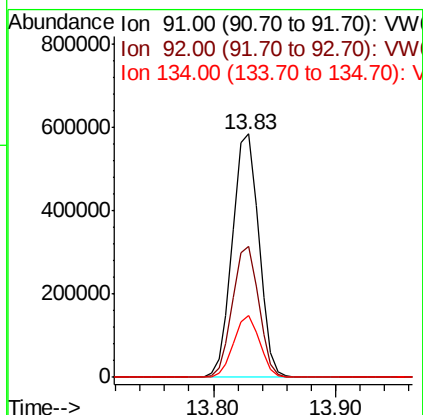
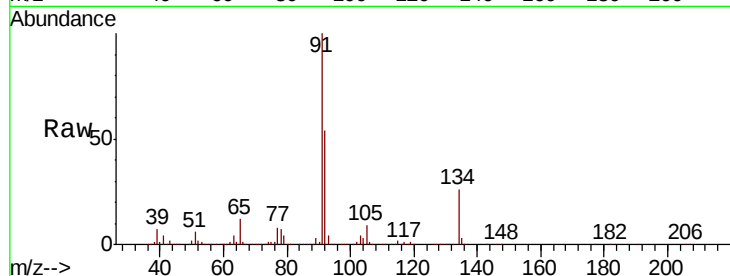
Tgt Ion: 91 Resp: 871085

Ion Ratio Lower Upper

91 100

92 53.5 26.5 79.4

134 24.9 12.4 37.0



#90

Hexachloroethane

Concen: 49.833 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010058.D

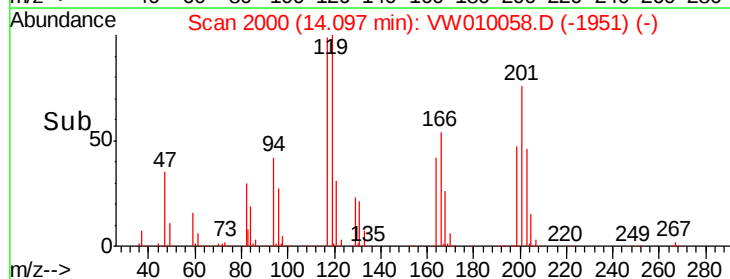
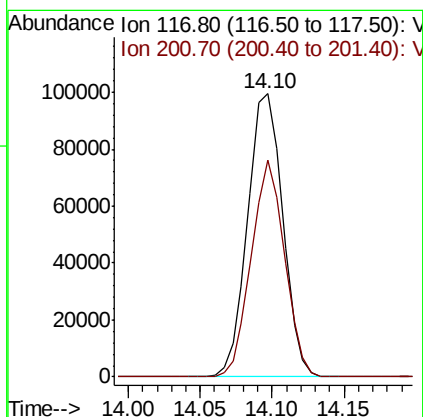
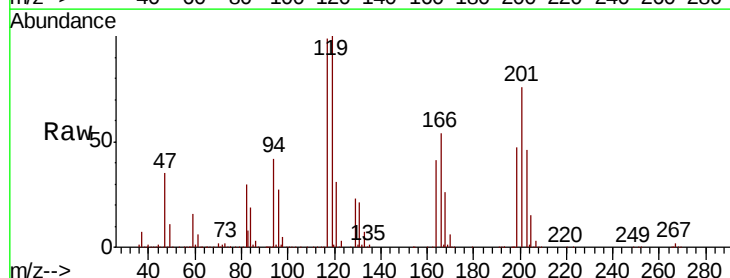
Acq: 18 Apr 2019 21:08

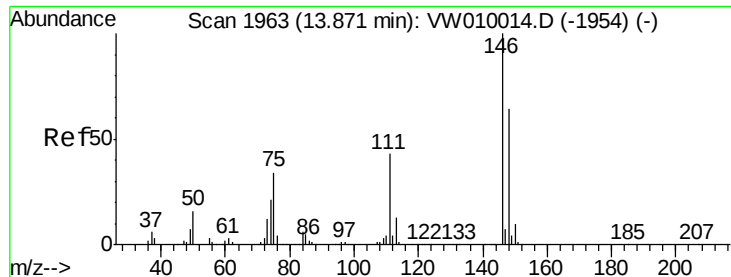
Tgt Ion: 117 Resp: 168105

Ion Ratio Lower Upper

117 100

201 72.6 36.1 108.3

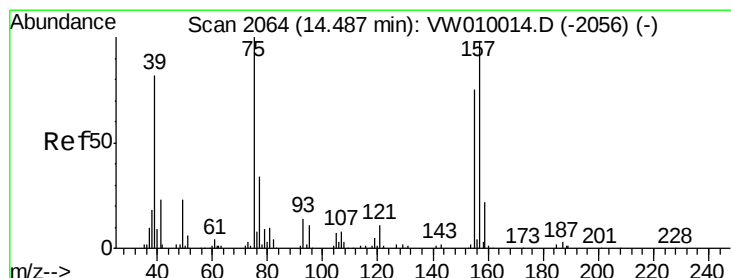
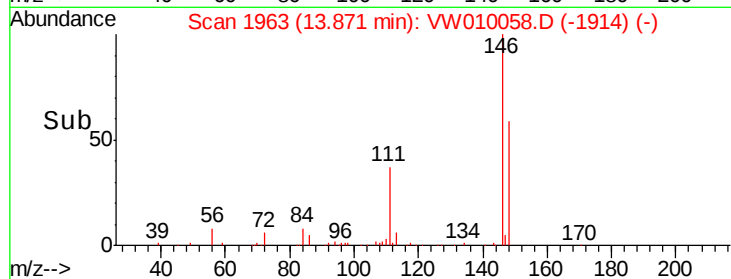
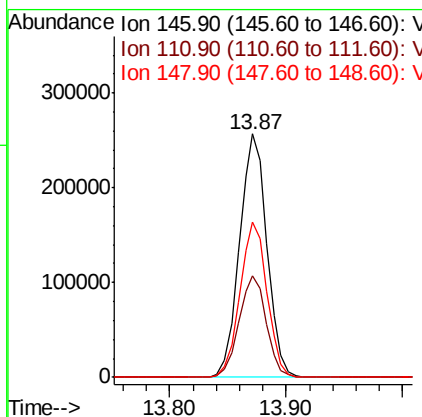
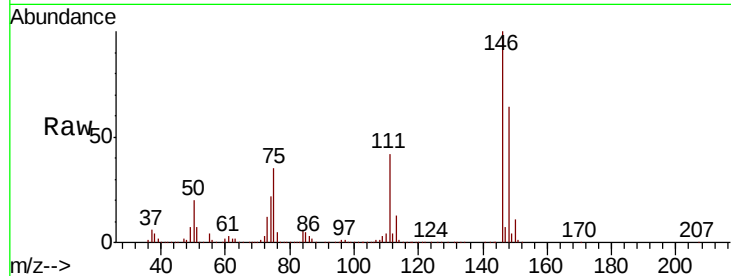




#91
 1,2-Dichlorobenzene
 Concen: 52.808 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

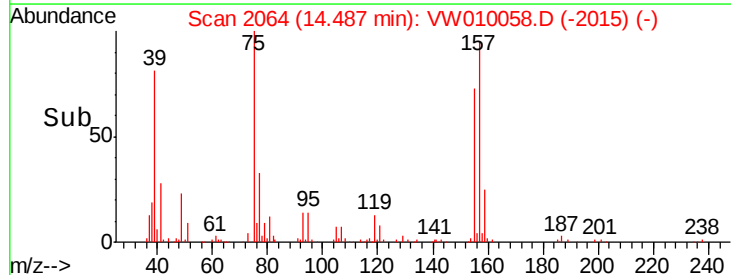
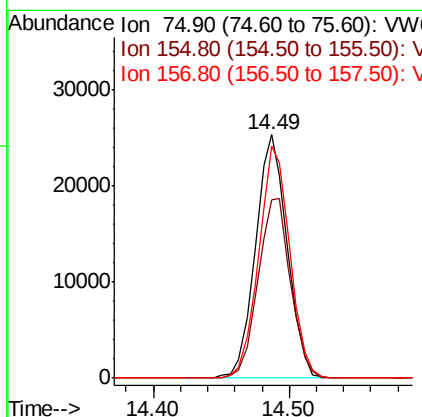
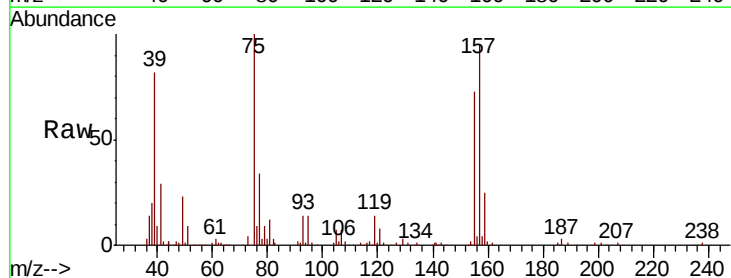
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

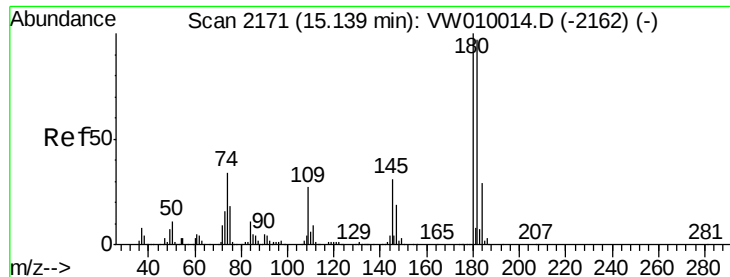
Tgt Ion: 146 Resp: 419218
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.9 62.8
 148 63.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.353 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion: 75 Resp: 41311
 Ion Ratio Lower Upper
 75 100
 155 75.4 37.1 111.5
 157 93.4 47.3 141.9

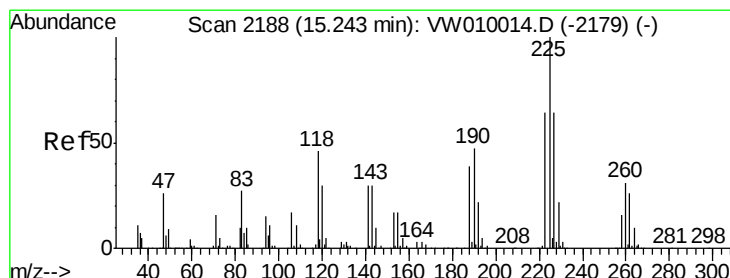
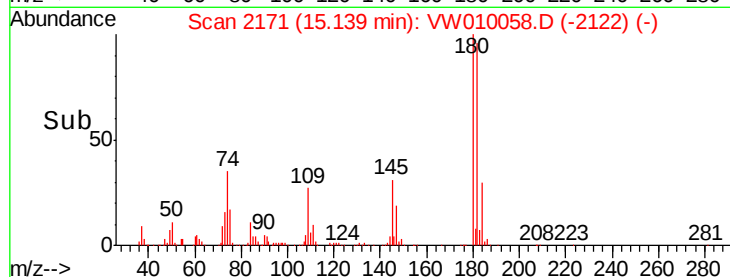
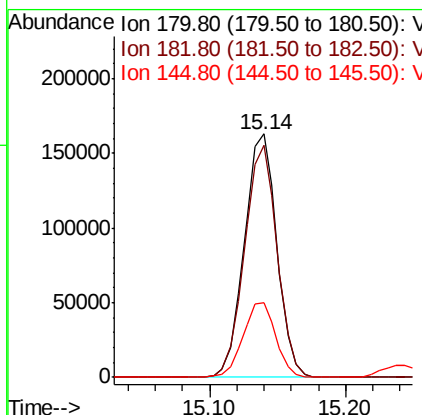
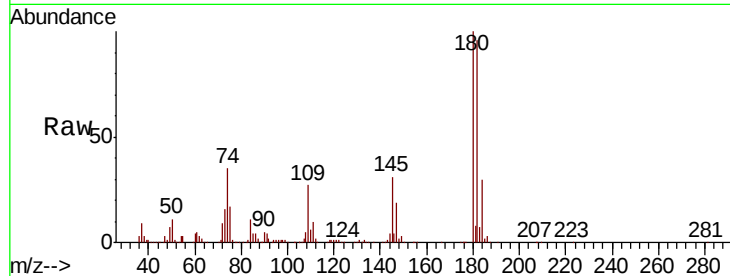




#93
 1,2,4-Trichlorobenzene
 Concen: 52.084 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

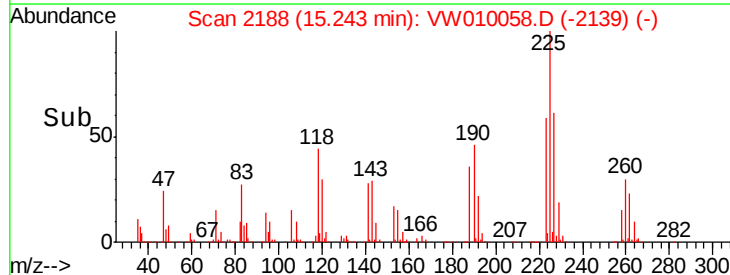
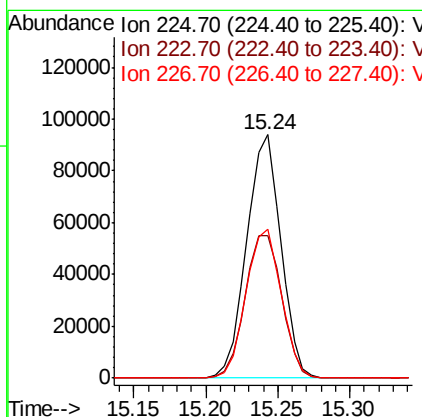
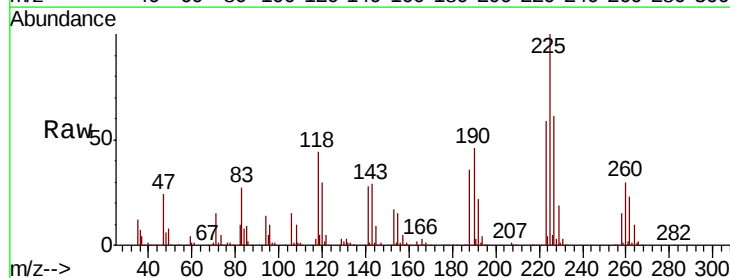
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

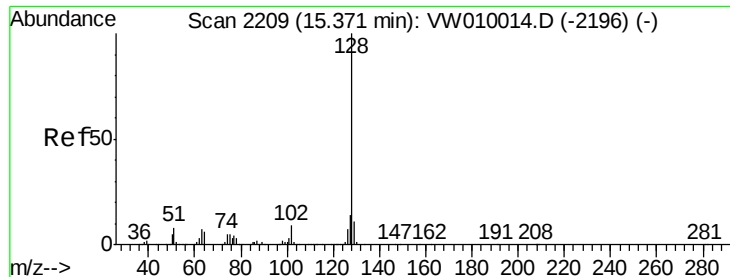
Tgt Ion:180 Resp: 272779
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.1 141.4
 145 31.0 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 48.441 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion:225 Resp: 154061
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.5
 227 63.3 31.8 95.3

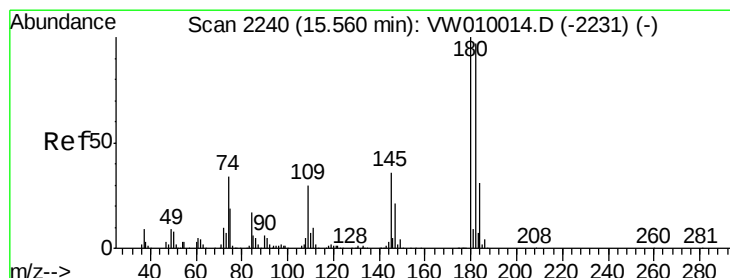
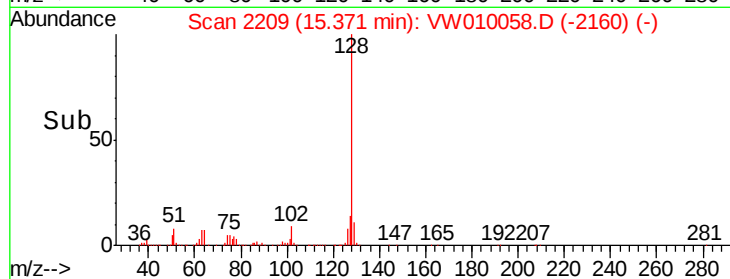
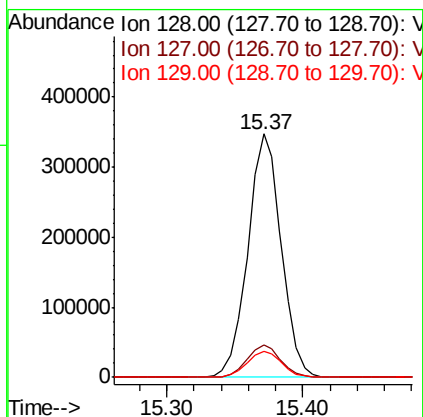
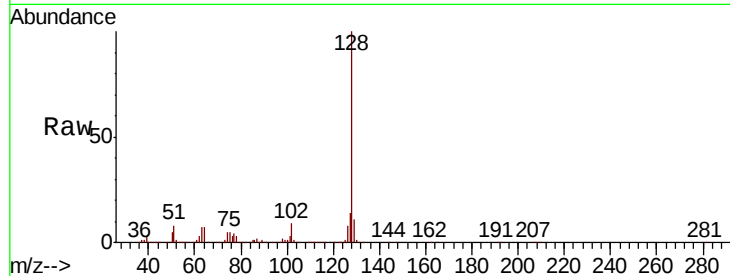




#95
Naphthalene
Concen: 56.816 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 594714
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.833 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion:180 Resp: 258236
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 32.8 16.4 49.2

