

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
 Data File : VW010028.D
 Acq On : 17 Apr 2019 21:13
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 18 02:48:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	386729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	627574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	586662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	301813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	260085	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
35) Dibromofluoromethane	7.88	113	206379	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.32	98	792003	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	291294	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	141400	47.953	ug/l	98
3) Chloromethane	2.21	50	154549	52.411	ug/l	96
4) Vinyl Chloride	2.37	62	173973	50.755	ug/l	97
5) Bromomethane	2.78	94	114596	49.748	ug/l	99
6) Chloroethane	2.92	64	113063	50.483	ug/l	92
7) Trichlorofluoromethane	3.25	101	102002	43.040	ug/l	95
8) Diethyl Ether	3.67	74	107224	54.391	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	185322	46.472	ug/l	99
10) Methyl Iodide	4.27	142	280243	50.852	ug/l	100
11) Tert butyl alcohol	5.18	59	81548	299.983	ug/l	99
12) 1,1-Dichloroethene	4.03	96	191341	50.048	ug/l	96
13) Acrolein	3.89	56	59391	207.670	ug/l	97
14) Allyl chloride	4.65	41	315187	46.371	ug/l	99
15) Acrylonitrile	5.36	53	282538	278.496	ug/l	99
16) Acetone	4.12	43	246017	222.176	ug/l	100
17) Carbon Disulfide	4.38	76	556684	48.378	ug/l	99
18) Methyl Acetate	4.67	43	138881	54.192	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	291117	58.625	ug/l	99
20) Methylene Chloride	4.91	84	223342	52.048	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	217038	52.425	ug/l	98
22) Diisopropyl ether	6.31	45	744696	54.013	ug/l	98
23) Vinyl Acetate	6.25	43	2591424	298.576	ug/l	99
24) 1,1-Dichloroethane	6.21	63	417198	50.619	ug/l	99
25) 2-Butanone	7.17	43	435697	299.536	ug/l	99
26) 2,2-Dichloropropane	7.16	77	199576	43.767	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	244298	53.655	ug/l	97
28) Bromochloromethane	7.51	49	175922	52.229	ug/l	96
29) Tetrahydrofuran	7.52	42	291850	316.655	ug/l	99
30) Chloroform	7.67	83	422197	51.122	ug/l	96
31) Cyclohexane	7.95	56	372959	48.323	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	314623	48.528	ug/l	99
36) 1,1-Dichloropropene	8.07	75	325317	50.747	ug/l	100
37) Ethyl Acetate	7.25	43	198812	61.032	ug/l	99
38) Carbon Tetrachloride	8.06	117	303726	48.546	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
 Data File : VW010028.D
 Acq On : 17 Apr 2019 21:13
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Apr 18 02:48:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	378428	48.548	ug/l	98
40) Benzene	8.32	78	907051	51.748	ug/l	99
41) Methacrylonitrile	7.48	41	119737	64.494	ug/l	93
42) 1,2-Dichloroethane	8.40	62	322374	53.517	ug/l	99
43) Isopropyl Acetate	8.42	43	367630	60.226	ug/l	97
44) Trichloroethene	9.09	130	225520	50.656	ug/l	97
45) 1,2-Dichloropropane	9.37	63	236773	51.391	ug/l	97
46) Dibromomethane	9.46	93	130963	54.844	ug/l	100
47) Bromodichloromethane	9.64	83	327123	53.068	ug/l	99
48) Methyl methacrylate	9.43	41	176167	59.288	ug/l	97
49) 1,4-Dioxane	9.45	88	43031	1179.340	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	999249	312.548	ug/l	100
52) Toluene	10.38	92	570862	52.283	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	333596	54.584	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	377761	54.131	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	181562	54.475	ug/l	100
56) Ethyl methacrylate	10.65	69	266473	57.176	ug/l	99
57) 1,3-Dichloropropane	10.93	76	333322	55.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	596123	299.324	ug/l	100
59) 2-Hexanone	10.97	43	706090	317.268	ug/l	99
60) Dibromochloromethane	11.13	129	215005	55.814	ug/l	100
61) 1,2-Dibromoethane	11.23	107	177464	55.973	ug/l	98
64) Tetrachloroethene	10.86	164	201435	52.892	ug/l	98
65) Chlorobenzene	11.66	112	603392	50.252	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	220865	51.436	ug/l	98
67) Ethyl Benzene	11.73	91	1111352	51.876	ug/l	98
68) m/p-Xylenes	11.84	106	829245	103.551	ug/l	100
69) o-Xylene	12.16	106	385380	52.852	ug/l	99
70) Styrene	12.18	104	687312	54.669	ug/l	100
71) Bromoform	12.35	173	125555	55.297	ug/l #	98
73) Isopropylbenzene	12.46	105	1065171	50.709	ug/l	100
74) N-amyl acetate	12.27	43	345396	59.376	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	226697	54.626	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	303610	100.510	ug/l #	100
77) Bromobenzene	12.75	156	249039	51.550	ug/l	99
78) n-propylbenzene	12.80	91	1317860	50.621	ug/l	100
79) 2-Chlorotoluene	12.90	91	754552	50.395	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	923021	51.826	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	74267	57.973	ug/l	99
82) 4-Chlorotoluene	12.99	91	787442	49.970	ug/l	100
83) tert-Butylbenzene	13.21	119	752307	51.008	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	926425	51.305	ug/l	100
85) sec-Butylbenzene	13.38	105	1093257	49.602	ug/l	100
86) p-Isopropyltoluene	13.50	119	988870	50.903	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	487788	49.949	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	479658	49.208	ug/l	100
89) n-Butylbenzene	13.83	91	981187	50.980	ug/l	99
90) Hexachloroethane	14.10	117	182136	48.950	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	443394	50.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	42952	57.834	ug/l	98

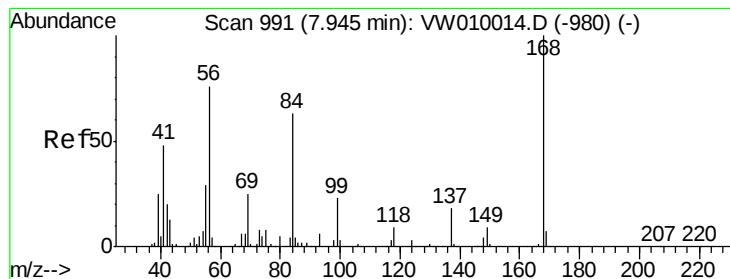
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
Data File : VW010028.D
Acq On : 17 Apr 2019 21:13
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 18 02:48:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 02:23:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	300291	51.984	ug/l	99
94) Hexachlorobutadiene	15.24	225	169837	48.415	ug/l	99
95) Naphthalene	15.37	128	631953	54.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	270529	53.979	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

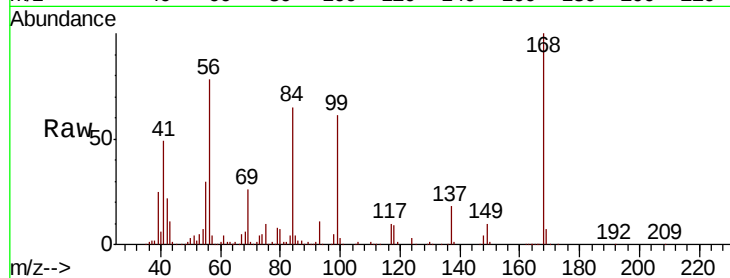
VSTDCCC050EC

Tgt Ion:168 Resp: 386729

Ion Ratio Lower Upper

168 100

99 60.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

100000

50000

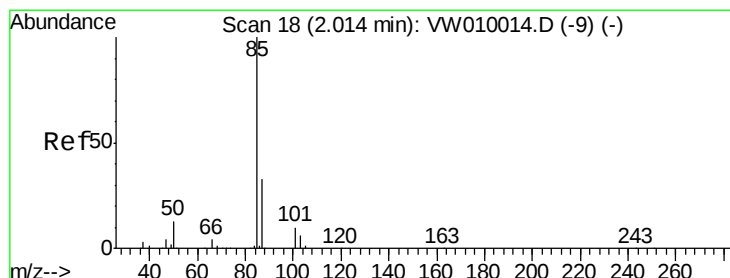
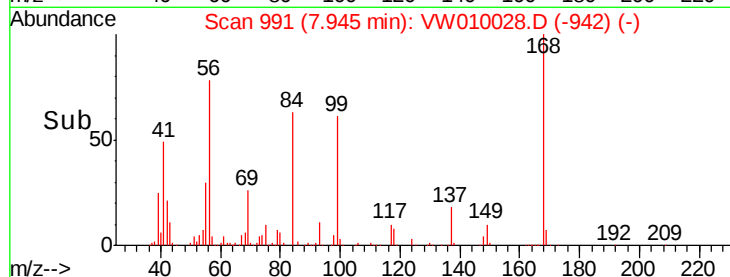
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.953 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW010028.D

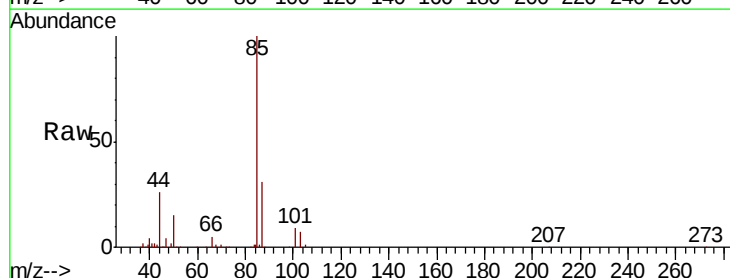
Acq: 17 Apr 2019 21:13

Tgt Ion: 85 Resp: 141400

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

30000

20000

10000

0

1.90

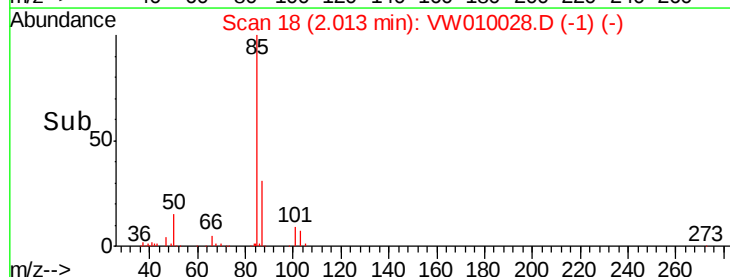
2.00

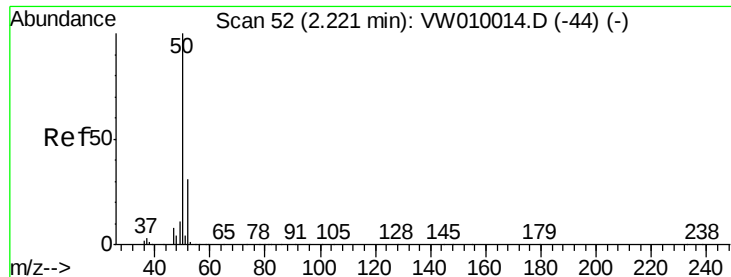
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 52.411 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

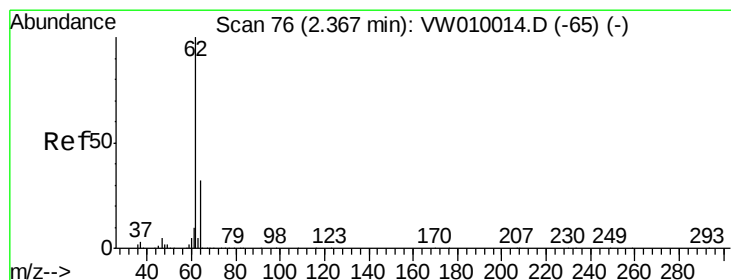
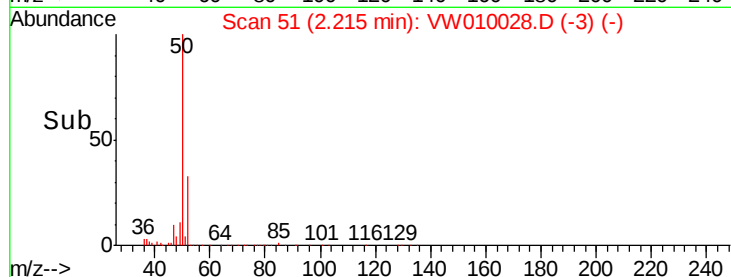
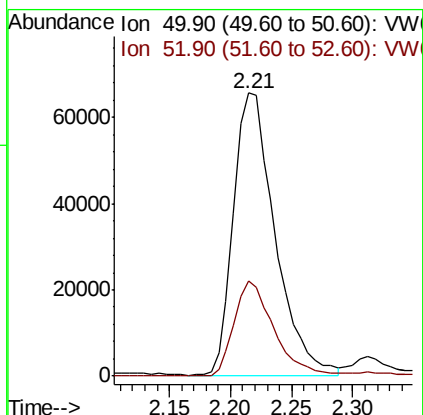
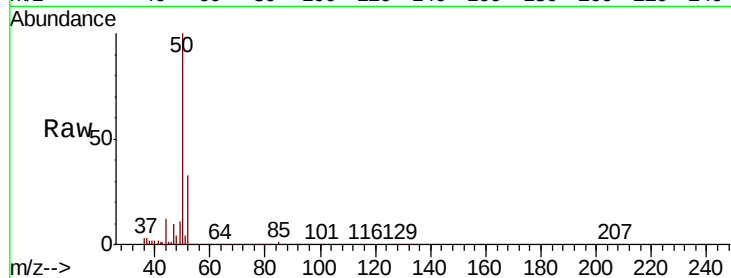
VSTDCCC050EC

Tgt Ion: 50 Resp: 154549

Ion Ratio Lower Upper

50 100

52 33.6 25.0 37.6



#4

Vinyl Chloride

Concen: 50.755 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010028.D

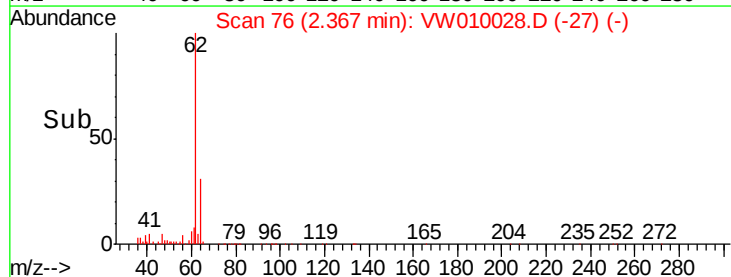
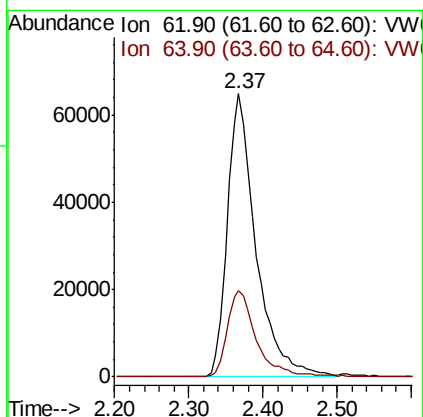
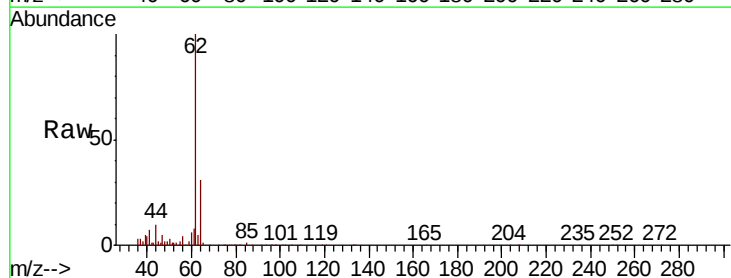
Acq: 17 Apr 2019 21:13

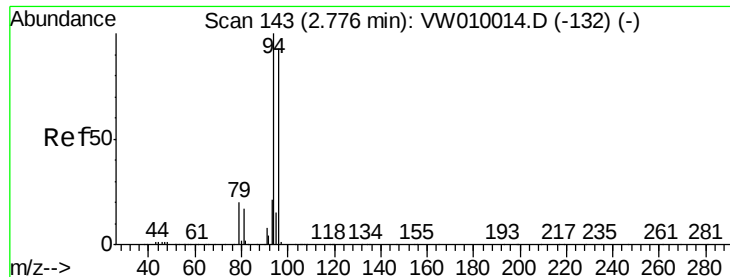
Tgt Ion: 62 Resp: 173973

Ion Ratio Lower Upper

62 100

64 30.5 25.9 38.9





#5

Bromomethane

Concen: 49.748 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

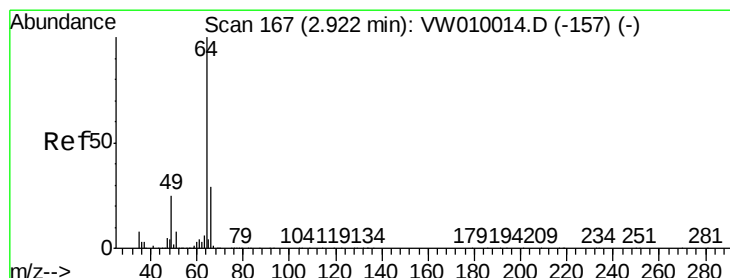
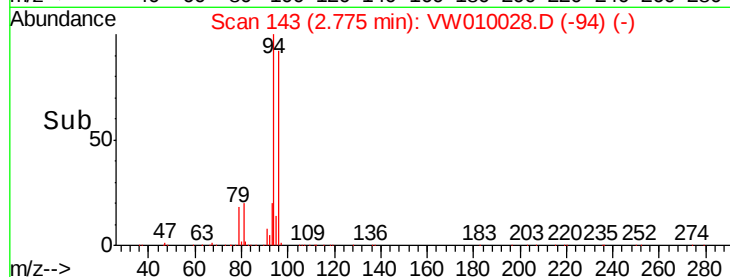
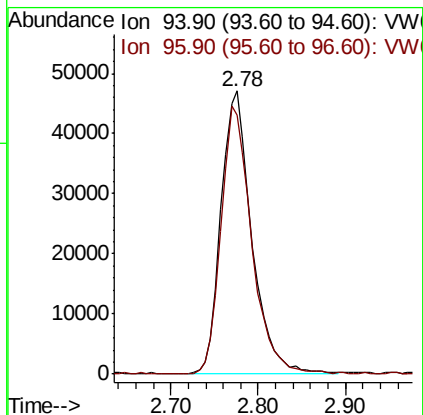
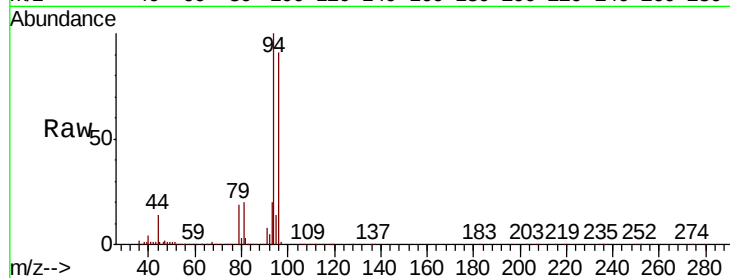
VSTDCCC050EC

Tgt Ion: 94 Resp: 114596

Ion Ratio Lower Upper

94 100

96 91.4 74.2 111.2



#6

Chloroethane

Concen: 50.483 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010028.D

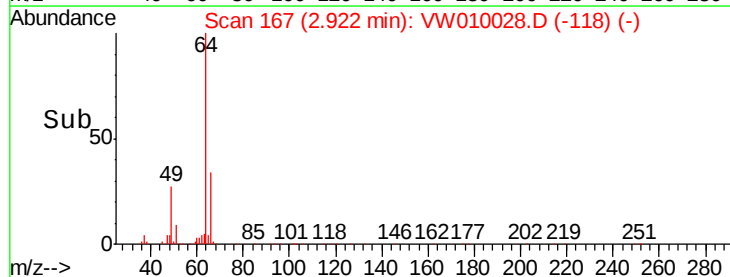
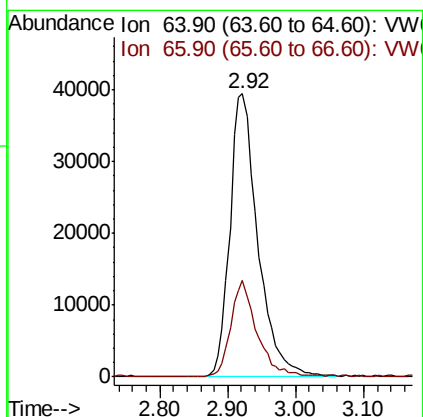
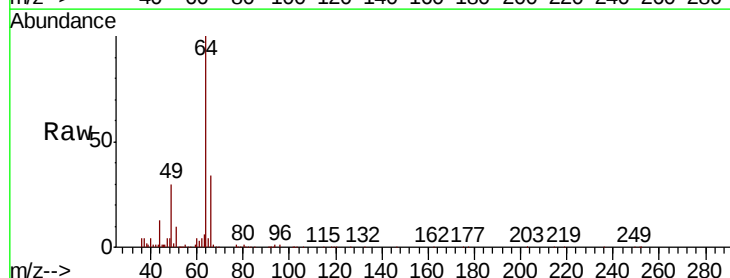
Acq: 17 Apr 2019 21:13

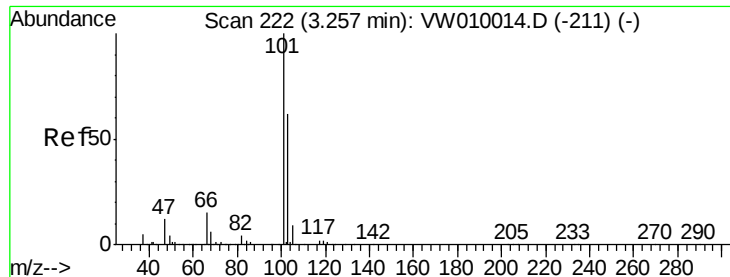
Tgt Ion: 64 Resp: 113063

Ion Ratio Lower Upper

64 100

66 33.7 23.4 35.0



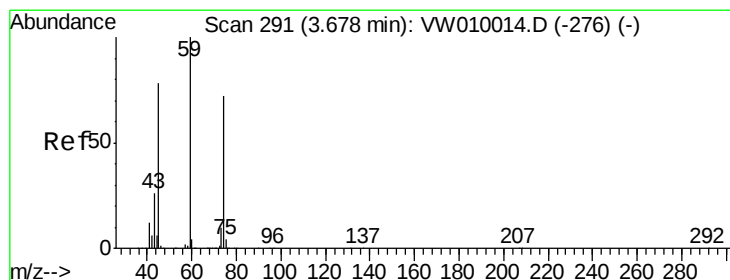
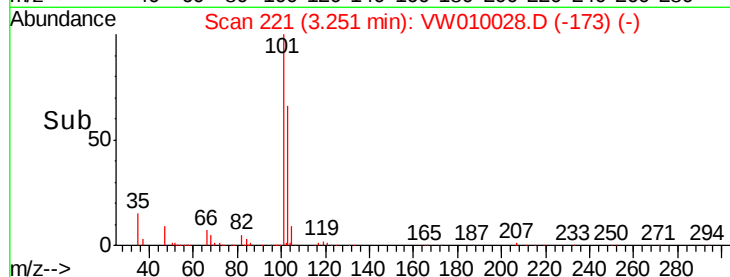
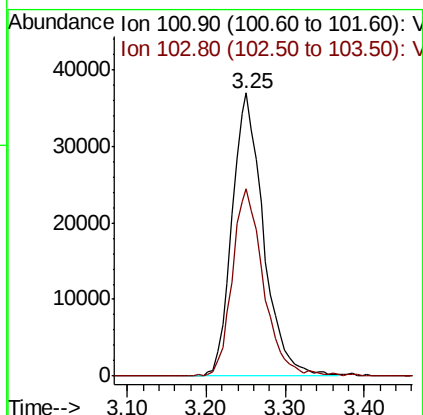
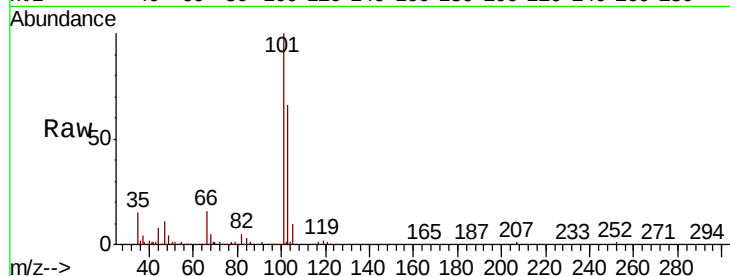


#7

Trichlorofluoromethane
 Concen: 43.040 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

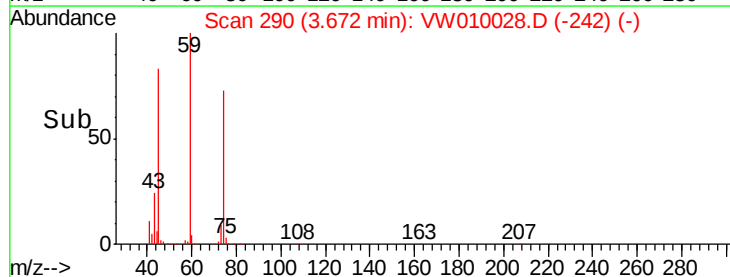
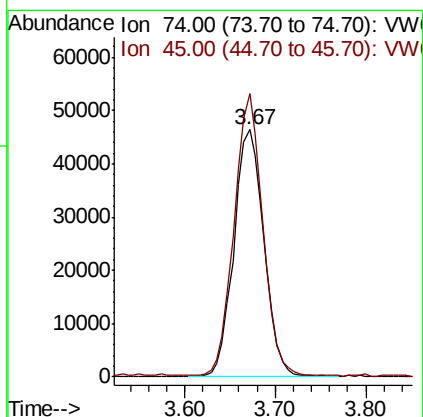
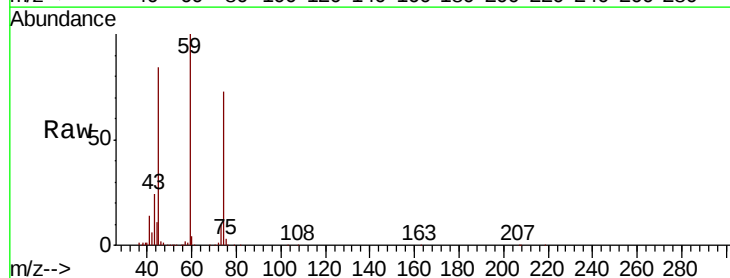
Tgt Ion: 101 Resp: 102002
 Ion Ratio Lower Upper
 101 100
 103 65.7 49.8 74.6

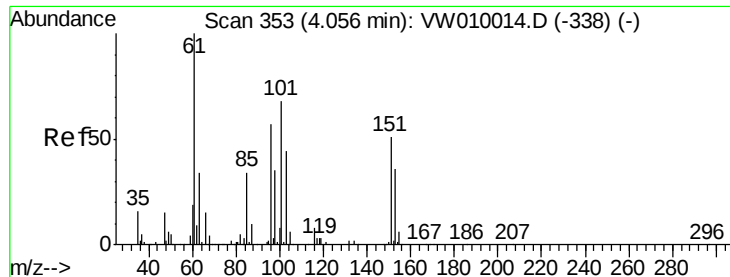


#8

Diethyl Ether
 Concen: 54.391 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 74 Resp: 107224
 Ion Ratio Lower Upper
 74 100
 45 107.6 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.472 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

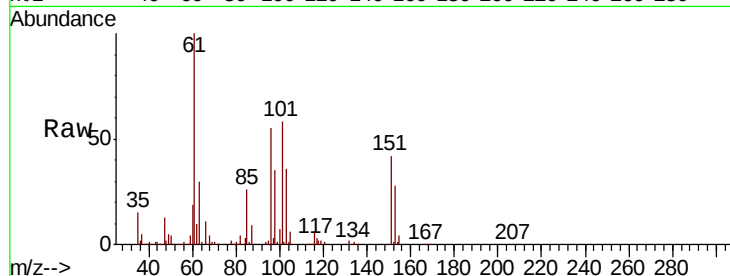
Tgt Ion:101 Resp: 185322

Ion Ratio Lower Upper

101 100

85 47.1 36.3 54.5

151 74.9 60.2 90.2

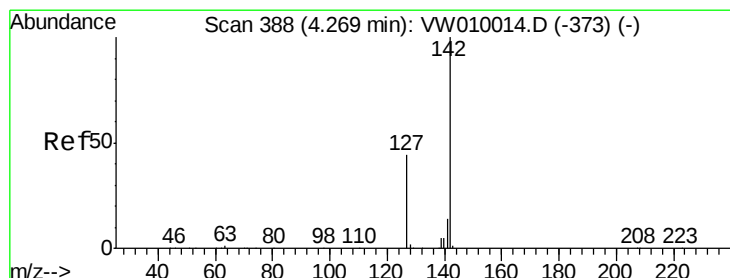
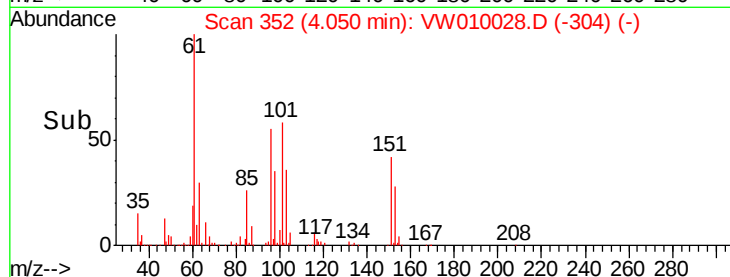
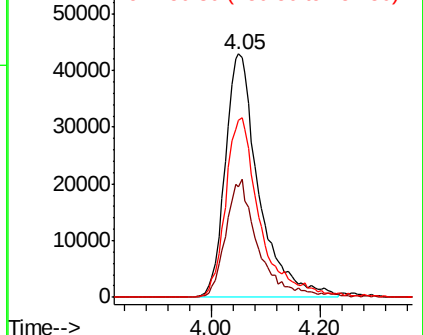


Abundance

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: 50.852 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

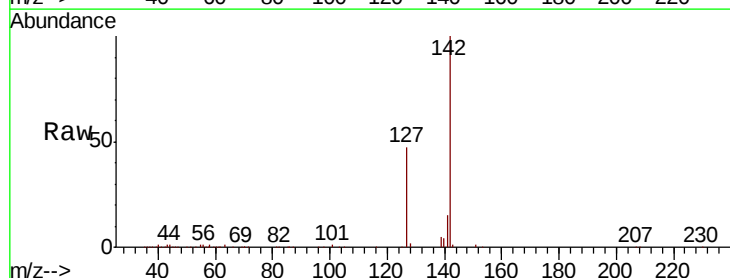
Tgt Ion:142 Resp: 280243

Ion Ratio Lower Upper

142 100

127 47.6 38.1 57.1

141 15.2 12.2 18.2

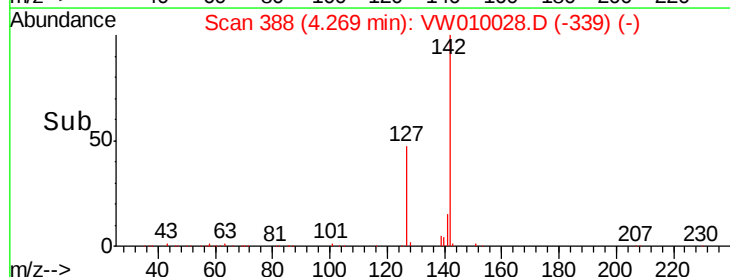
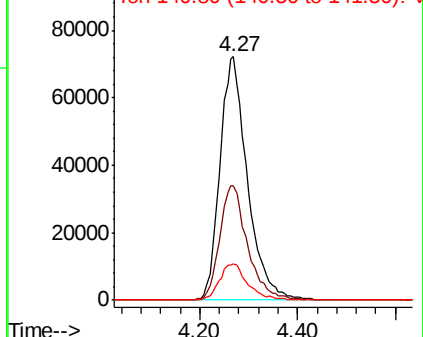


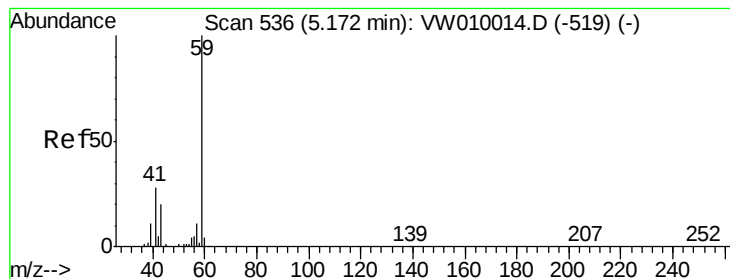
Abundance

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



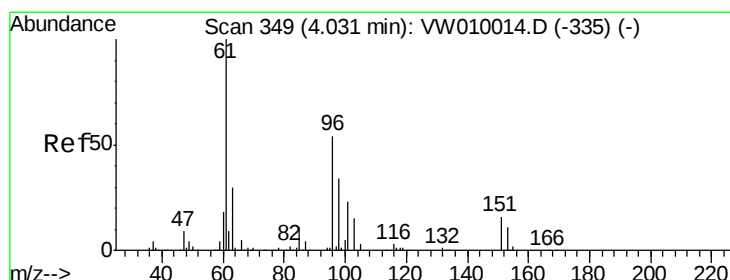
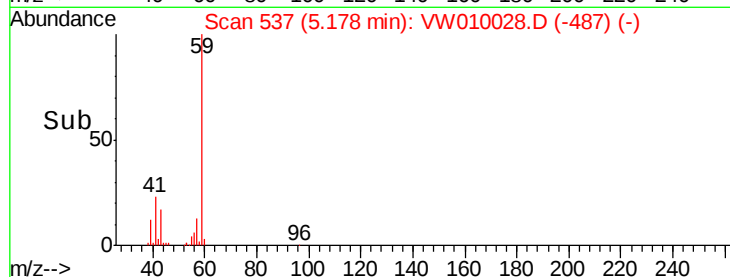
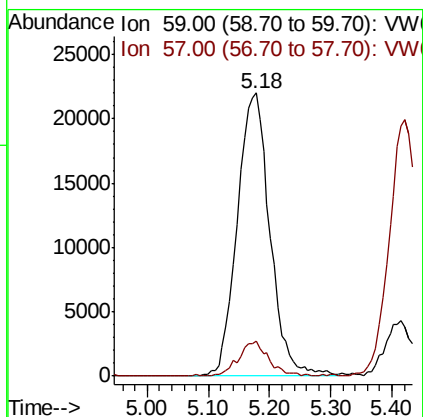
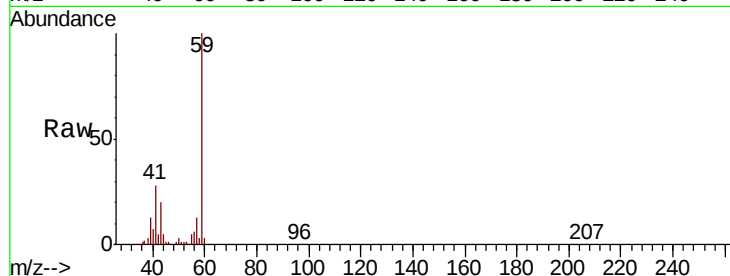


#11

Tert butyl alcohol
 Concen: 299.983 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

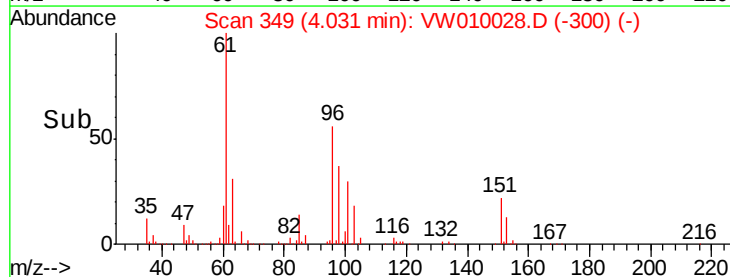
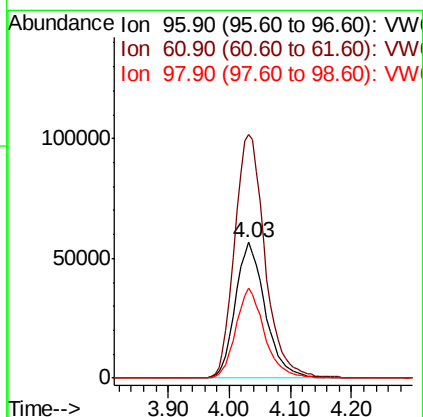
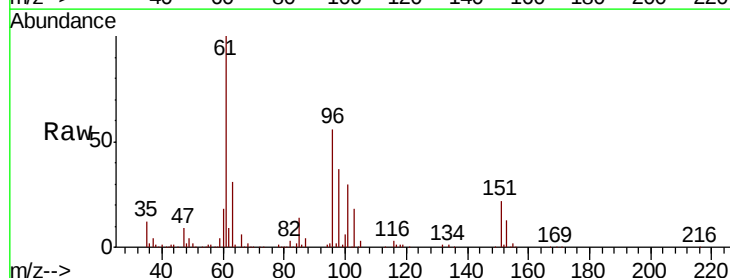
Tgt Ion: 59 Resp: 81548
 Ion Ratio Lower Upper
 59 100
 57 11.5 9.0 13.4

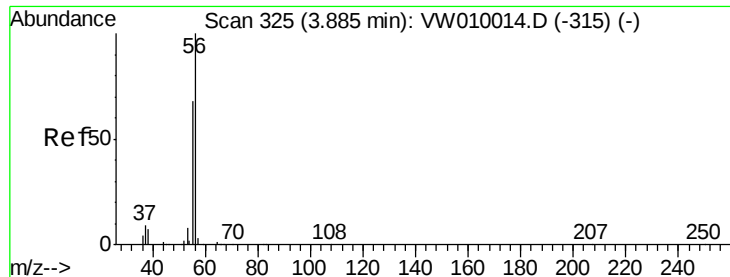


#12

1,1-Dichloroethene
 Concen: 50.048 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 96 Resp: 191341
 Ion Ratio Lower Upper
 96 100
 61 179.4 147.4 221.2
 98 66.6 49.7 74.5

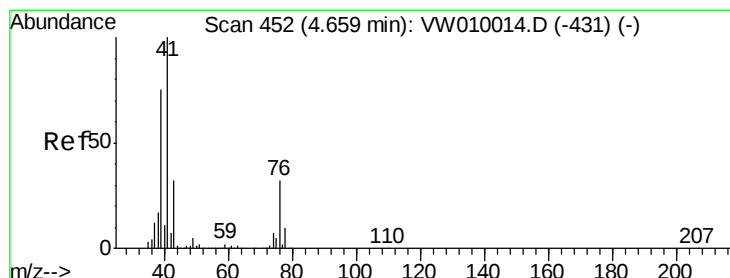
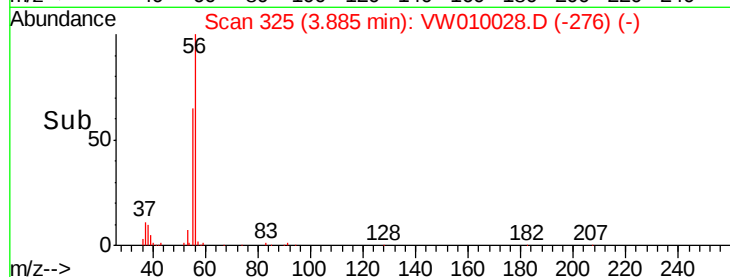
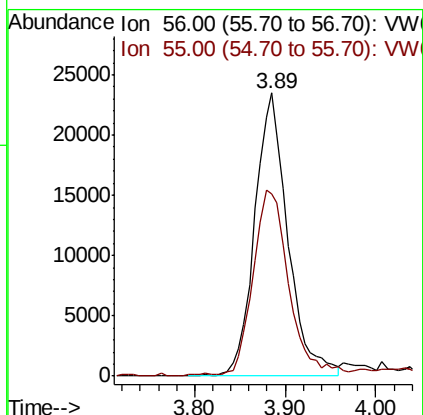
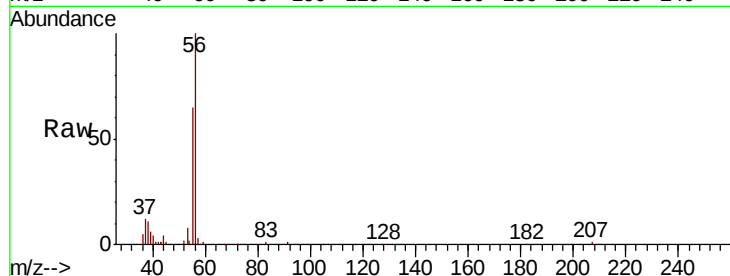




#13
 Acrolein
 Concen: 207.670 ug/l
 RT: 3.89 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

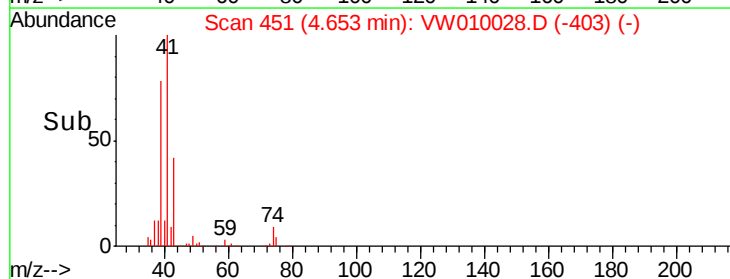
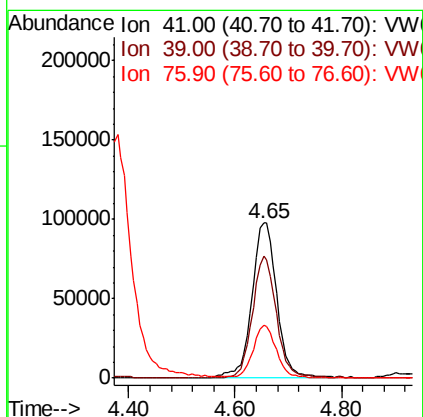
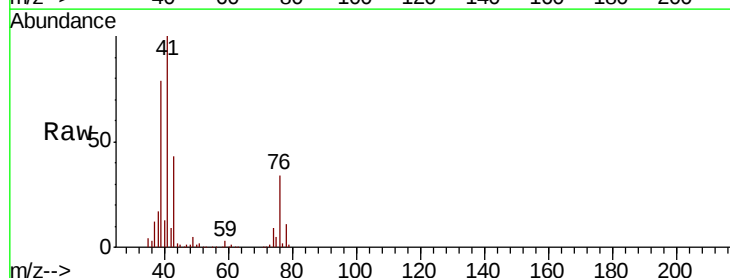
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

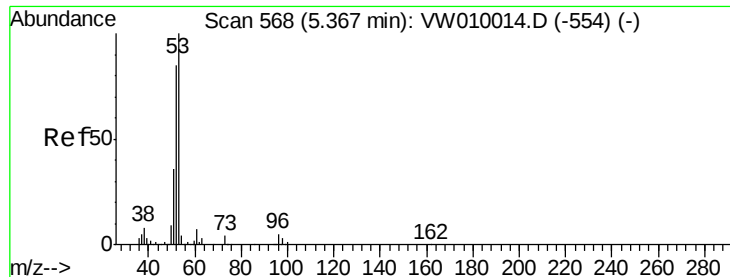
Tgt Ion: 56 Resp: 59391
 Ion Ratio Lower Upper
 56 100
 55 70.0 54.2 81.2



#14
 Allyl chloride
 Concen: 46.371 ug/l
 RT: 4.65 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 41 Resp: 315187
 Ion Ratio Lower Upper
 41 100
 39 75.6 60.2 90.4
 76 32.0 25.0 37.6

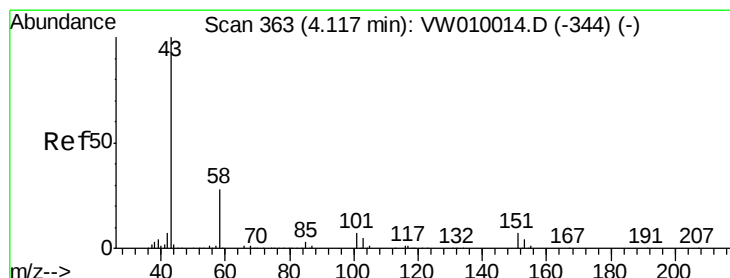
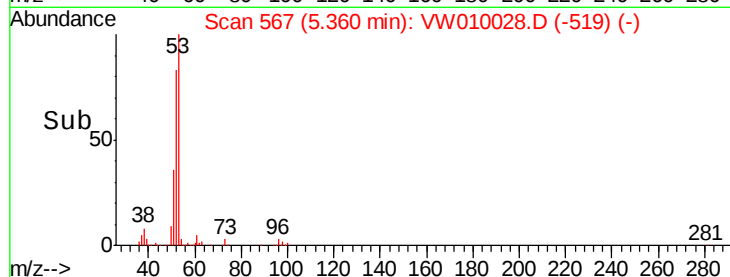
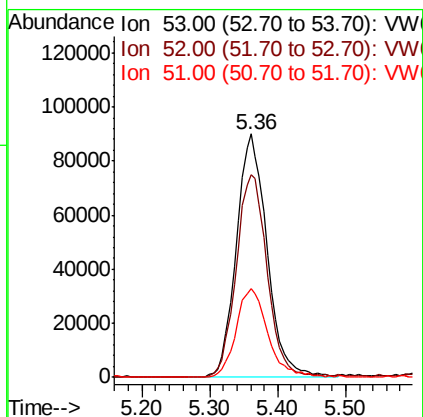
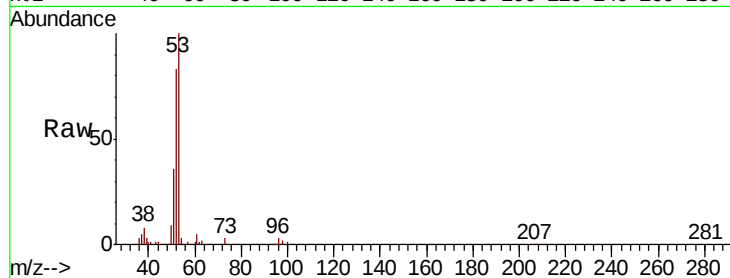




#15
 Acrylonitrile
 Concen: 278.496 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

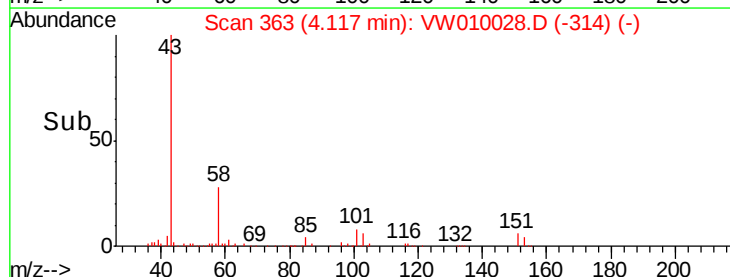
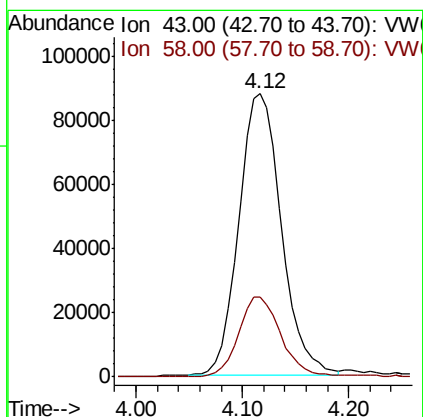
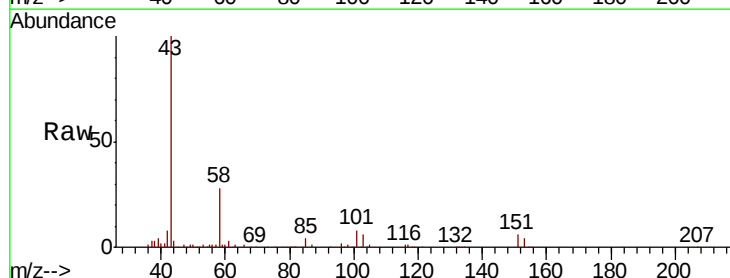
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

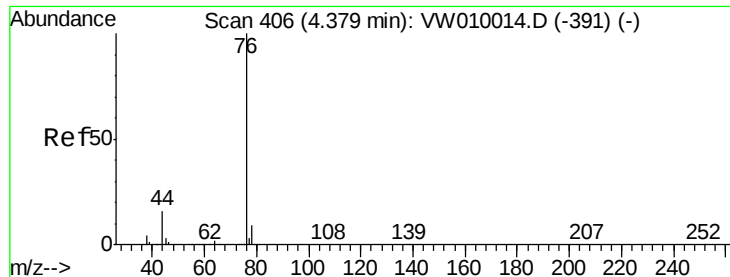
Tgt Ion: 53 Resp: 282538
 Ion Ratio Lower Upper
 53 100
 52 84.3 66.6 100.0
 51 37.7 30.3 45.5



#16
 Acetone
 Concen: 222.176 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 43 Resp: 246017
 Ion Ratio Lower Upper
 43 100
 58 28.2 22.7 34.1

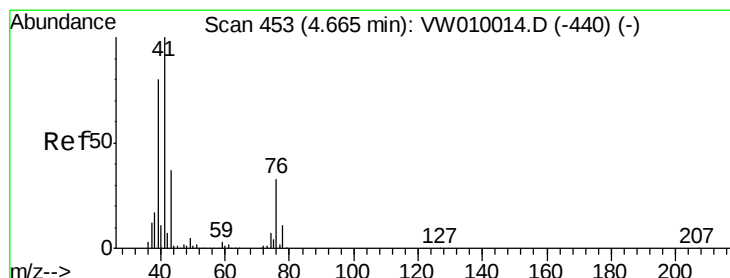
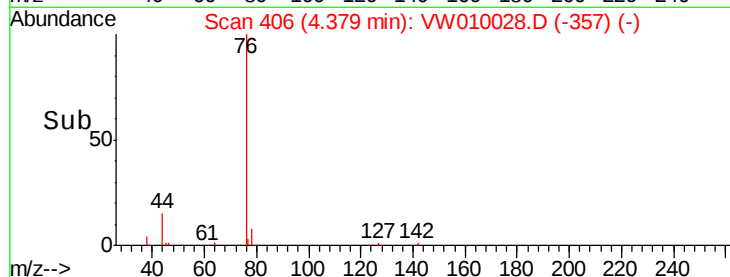
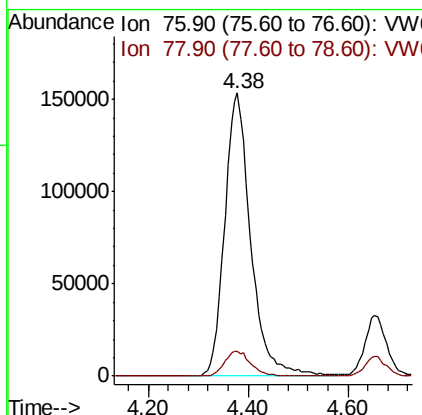
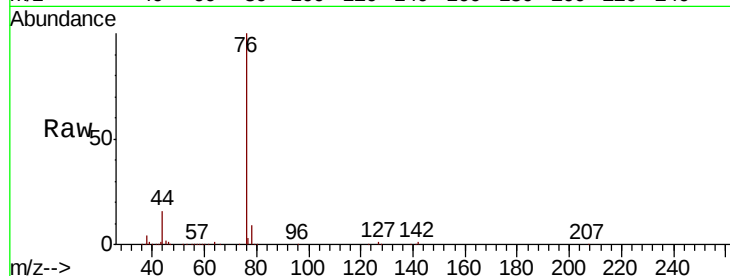




#17
Carbon Disulfide
Concen: 48.378 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

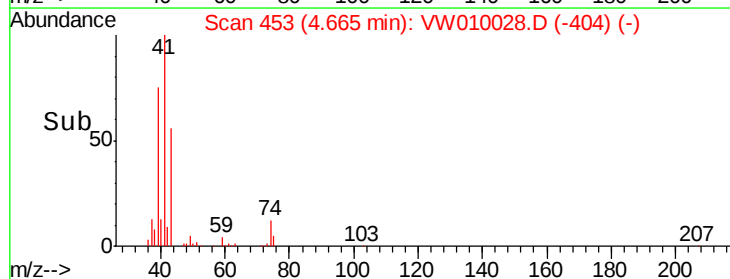
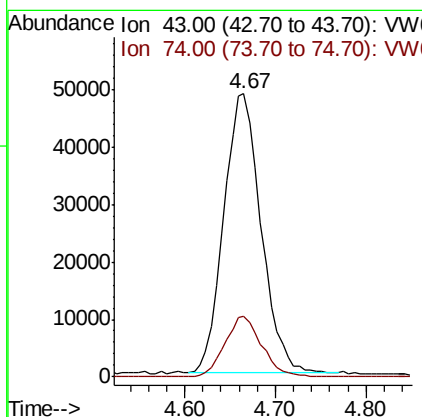
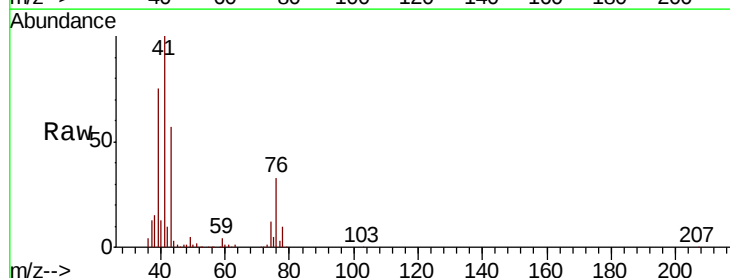
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

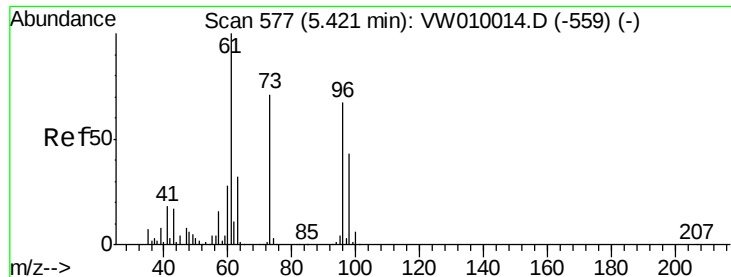
Tgt Ion: 76 Resp: 556684
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 54.192 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion: 43 Resp: 138881
Ion Ratio Lower Upper
43 100
74 21.4 16.8 25.2

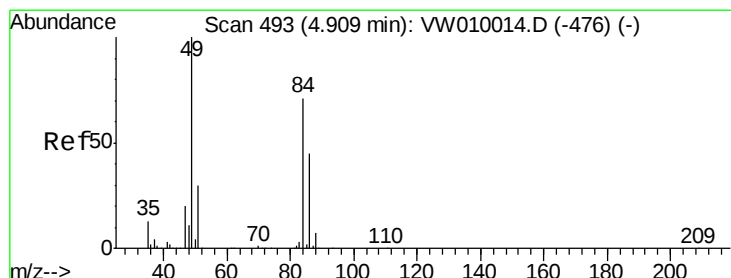
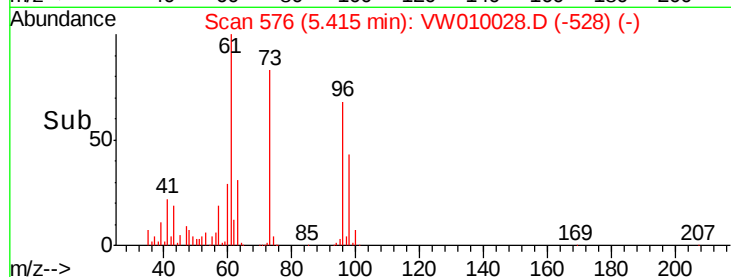
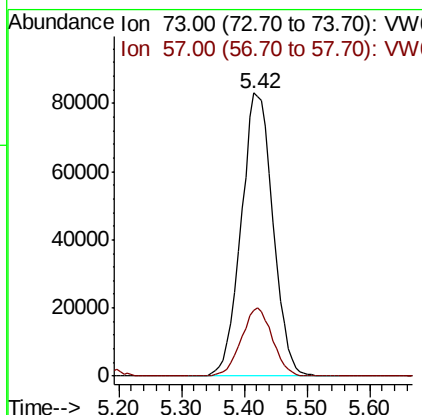
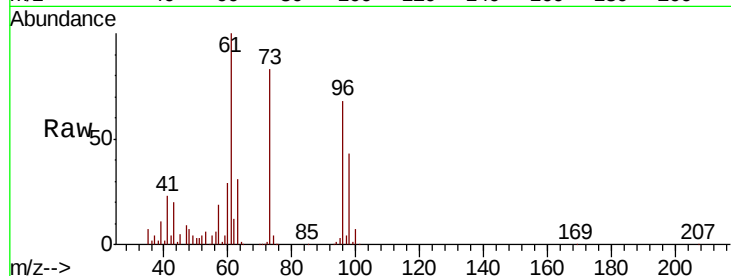




#19
Methyl tert-butyl Ether
Concen: 58.625 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

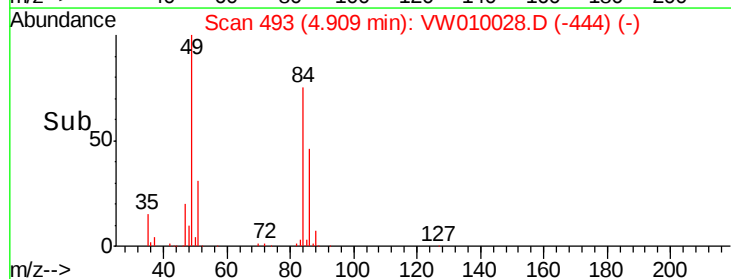
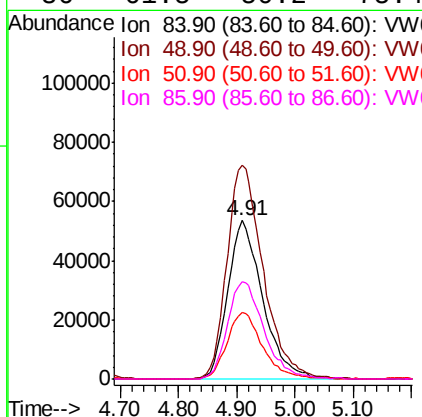
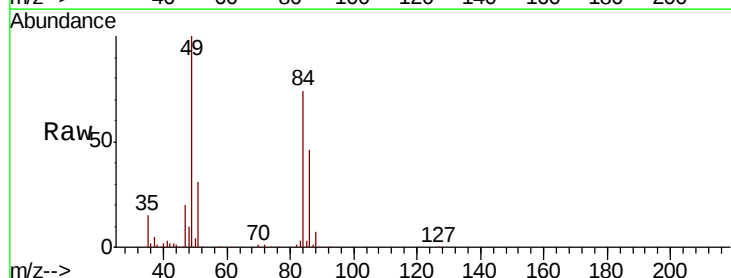
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

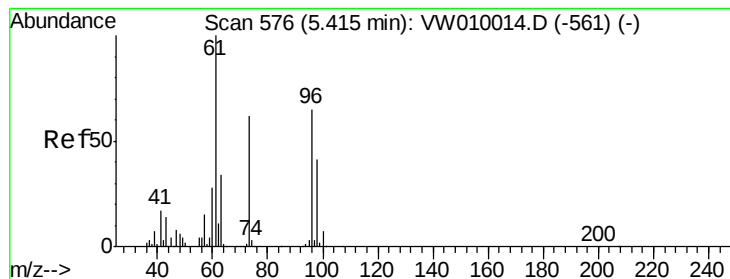
Tgt Ion: 73 Resp: 291117
Ion Ratio Lower Upper
73 100
57 23.4 18.5 27.7



#20
Methylene Chloride
Concen: 52.048 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion: 84 Resp: 223342
Ion Ratio Lower Upper
84 100
49 134.7 112.3 168.5
51 42.1 33.9 50.9
86 61.5 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 52.425 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

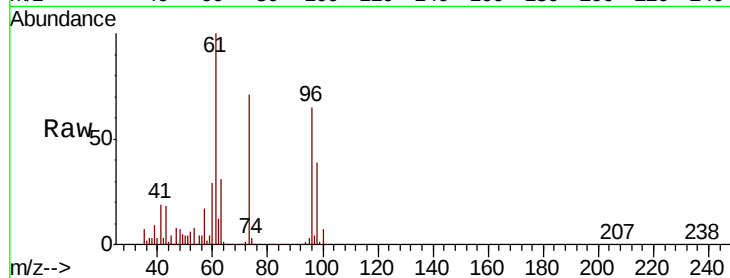
Tgt Ion: 96 Resp: 217038

Ion Ratio Lower Upper

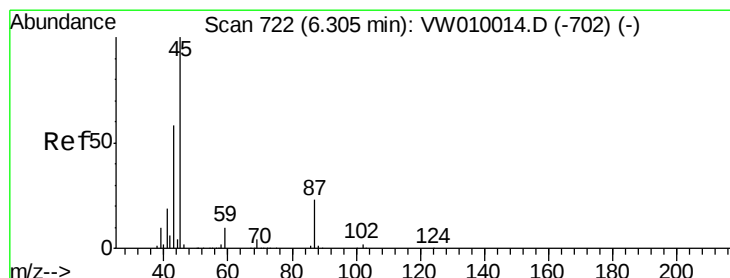
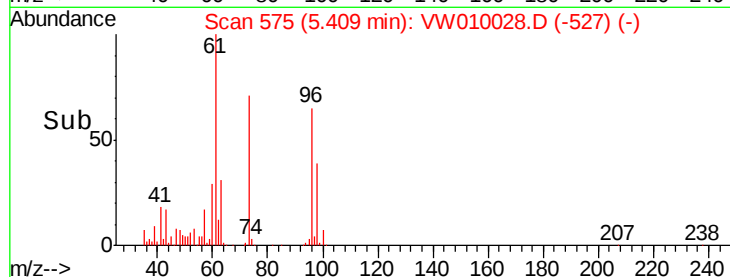
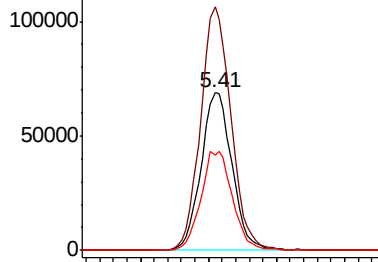
96 100

61 154.5 122.3 183.5

98 60.5 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: 54.013 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Tgt Ion: 45 Resp: 744696

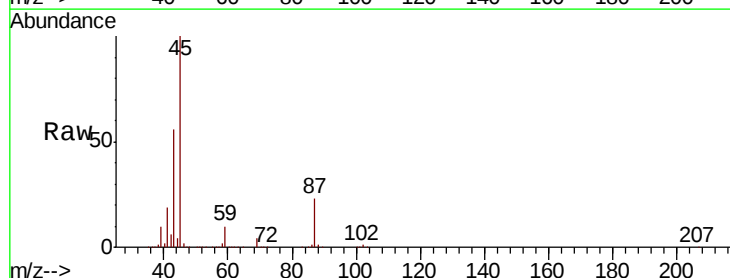
Ion Ratio Lower Upper

45 100

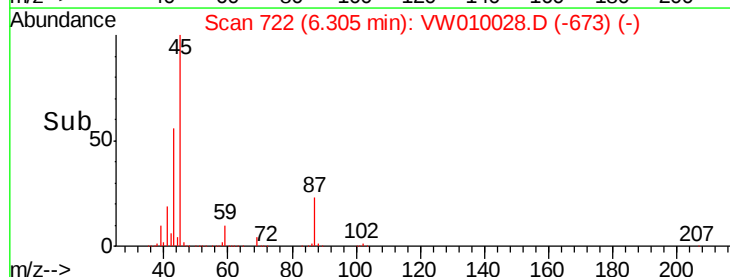
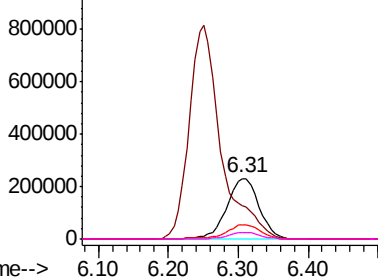
43 55.7 46.1 69.1

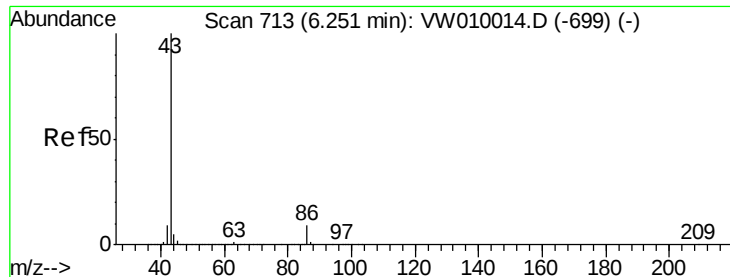
87 23.3 18.3 27.5

59 10.2 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

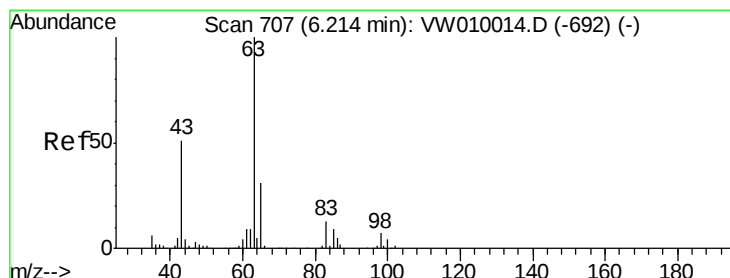
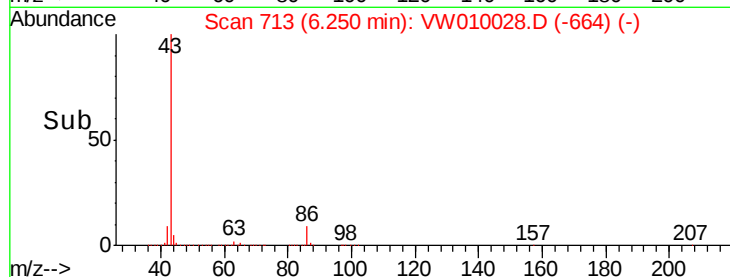
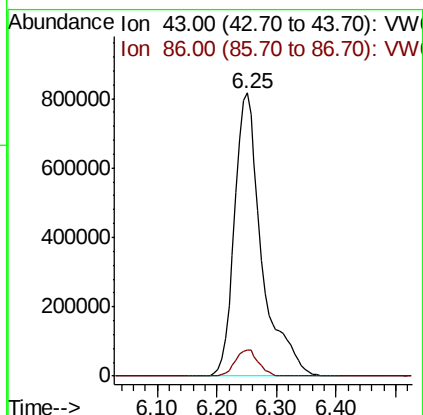
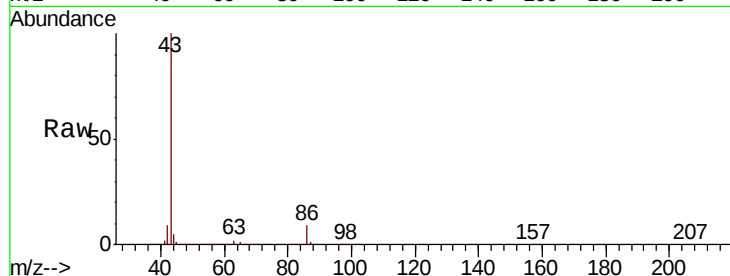




#23
 Vinyl Acetate
 Concen: 298.576 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

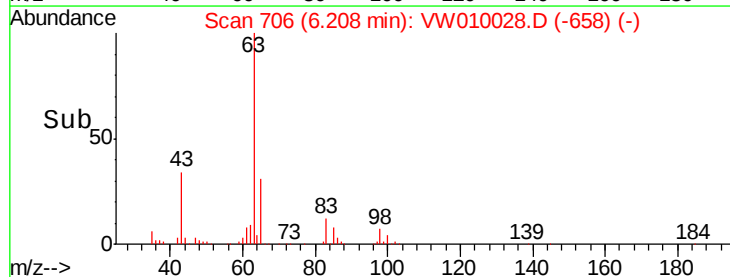
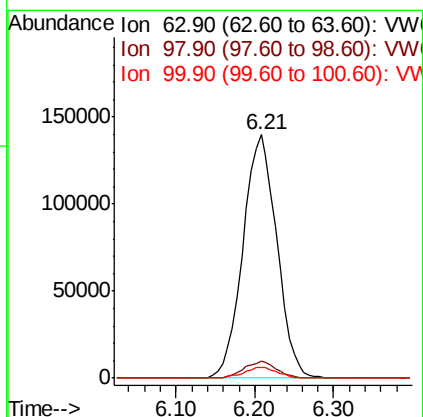
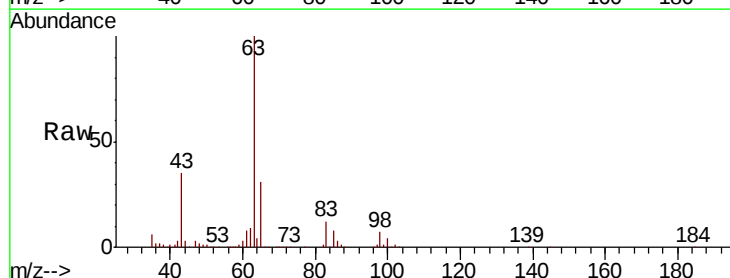
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

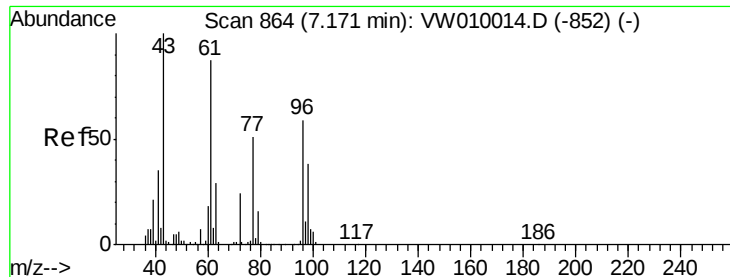
Tgt Ion: 43 Resp: 2591424
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 50.619 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 63 Resp: 417198
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 299.536 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

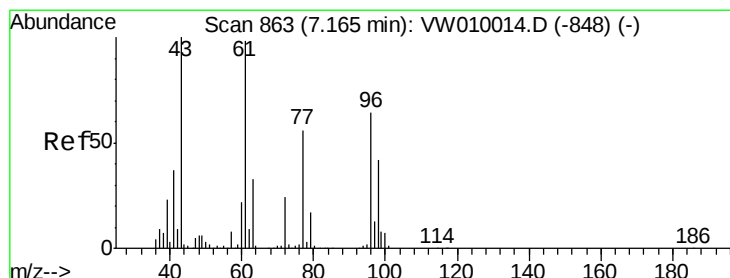
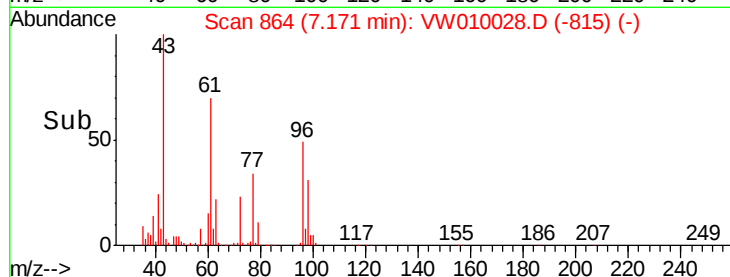
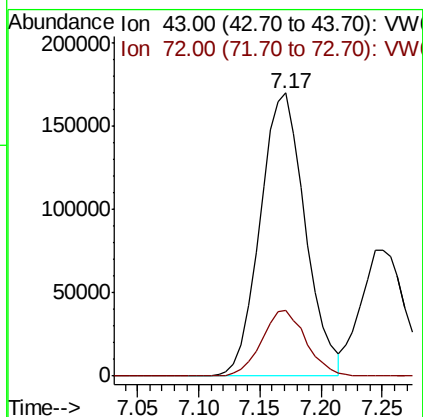
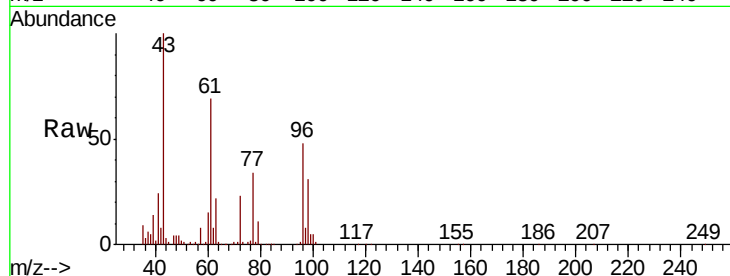
VSTDCCC050EC

Tgt Ion: 43 Resp: 435697

Ion Ratio Lower Upper

43 100

72 23.4 19.1 28.7



#26

2,2-Dichloropropane

Concen: 43.767 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010028.D

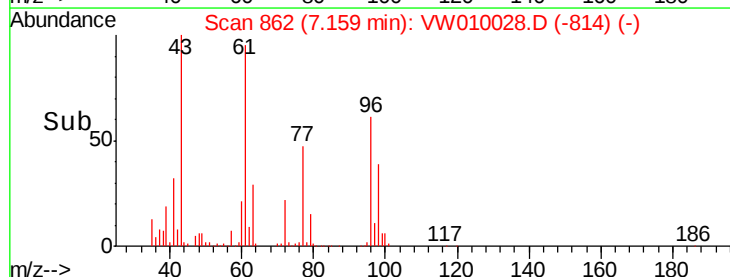
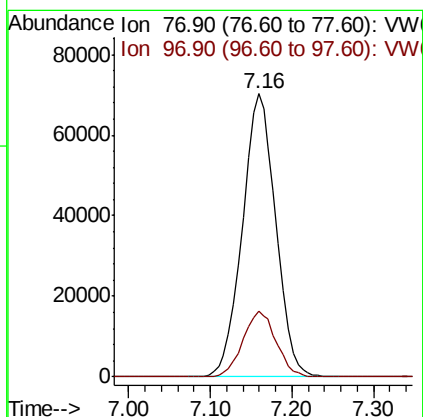
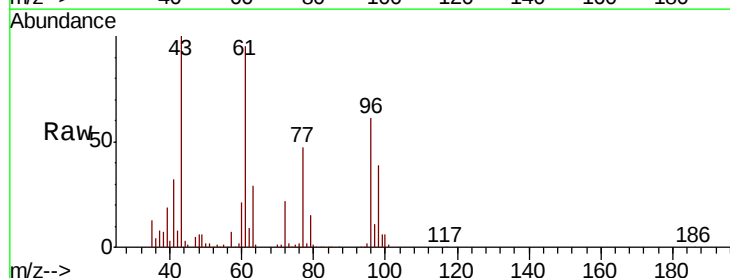
Acq: 17 Apr 2019 21:13

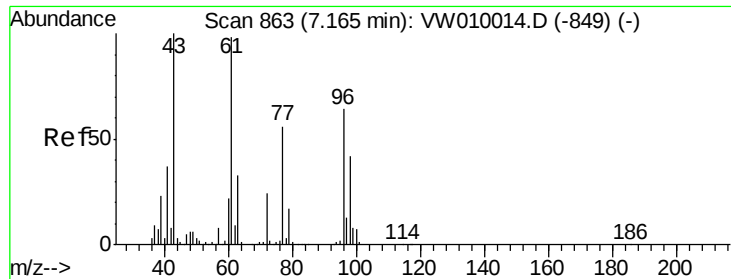
Tgt Ion: 77 Resp: 199576

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.9

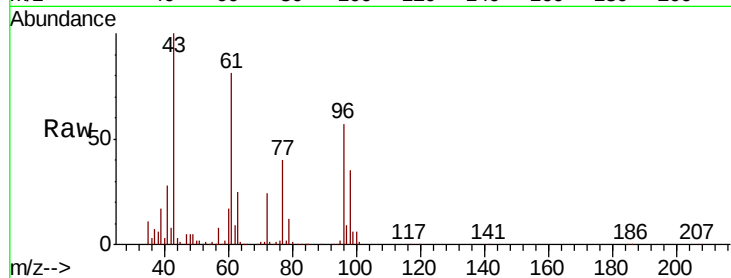




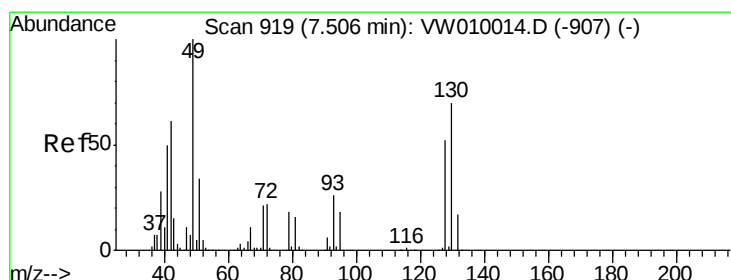
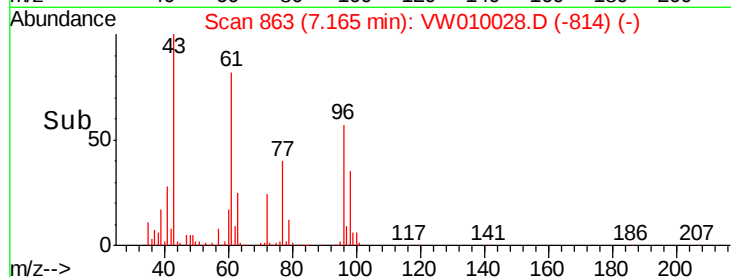
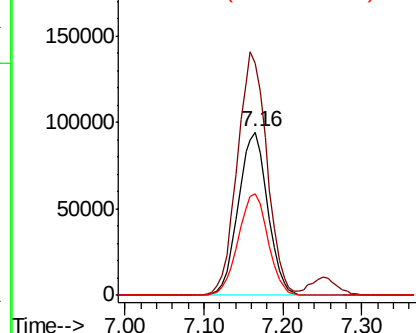
#27
 cis-1,2-Dichloroethene
 Concen: 53.655 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 244298
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 309.4
 98 63.2 0.0 128.6

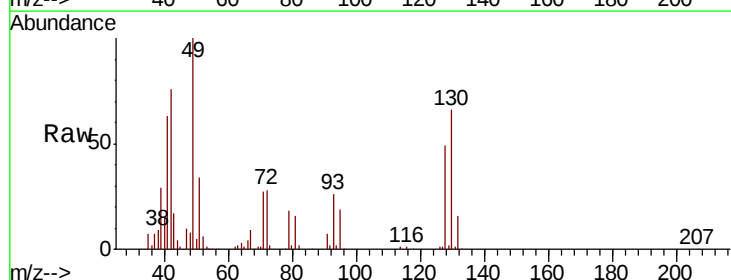


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

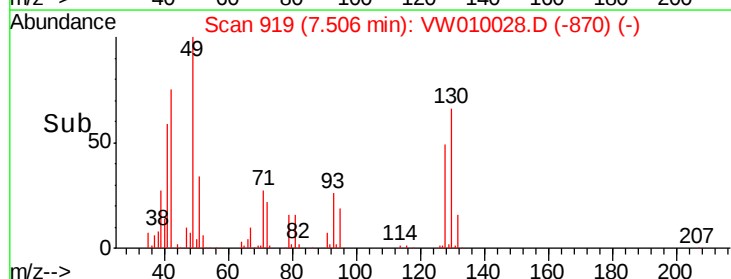
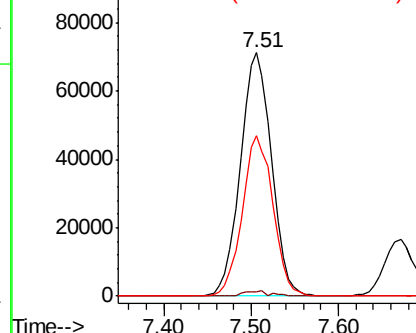


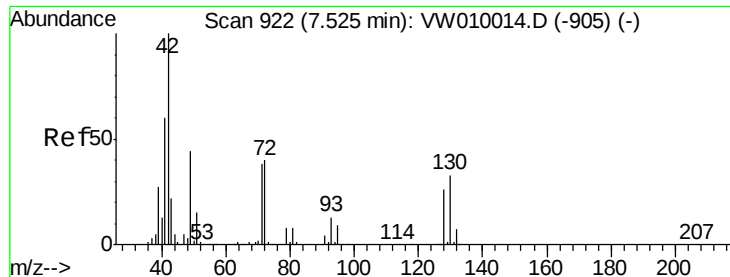
#28
 Bromochloromethane
 Concen: 52.229 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 49 Resp: 175922
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 64.9 54.6 82.0



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

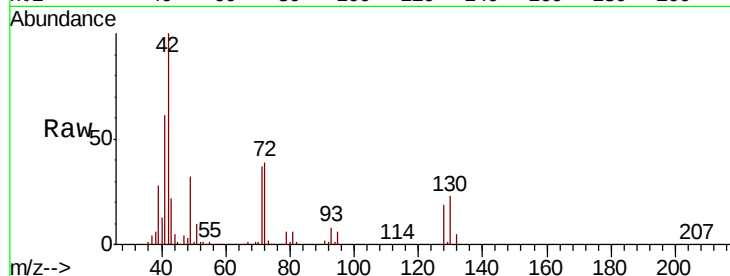




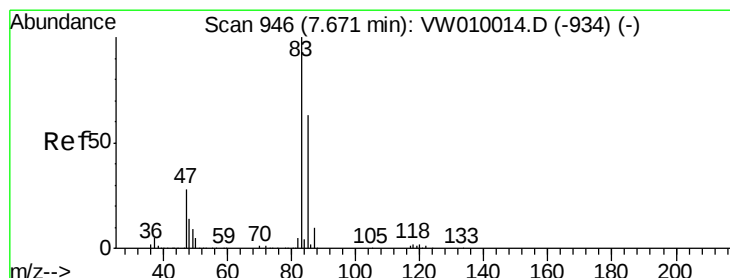
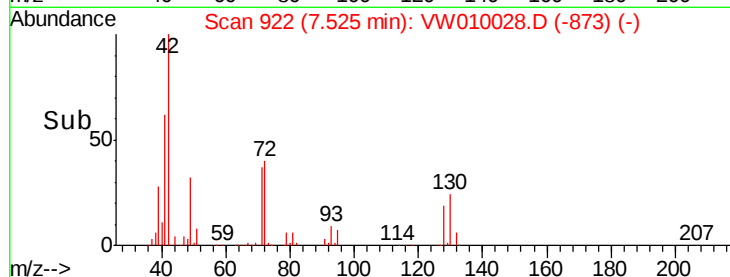
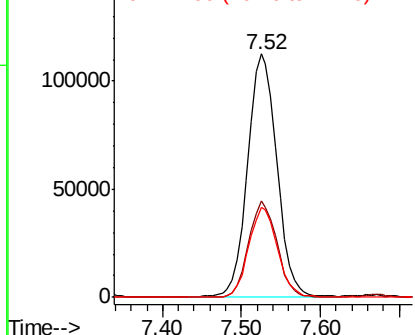
#29
Tetrahydrofuran
Concen: 316.655 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 291850
Ion Ratio Lower Upper
42 100
72 38.3 31.0 46.6
71 36.2 29.7 44.5

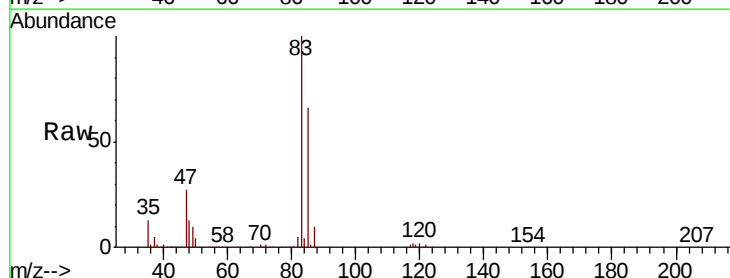


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

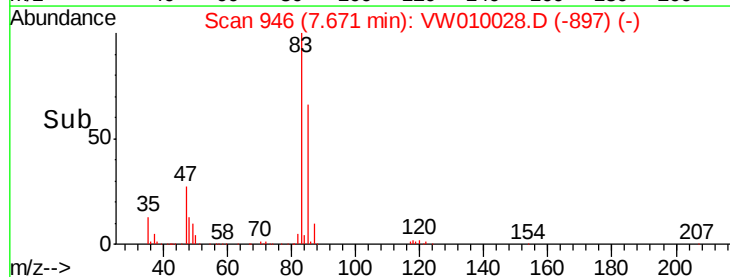
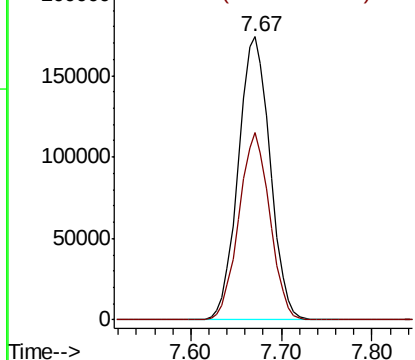


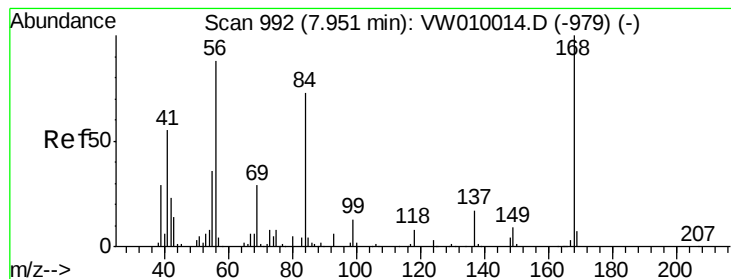
#30
Chloroform
Concen: 51.122 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion: 83 Resp: 422197
Ion Ratio Lower Upper
83 100
85 66.2 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: 48.323 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

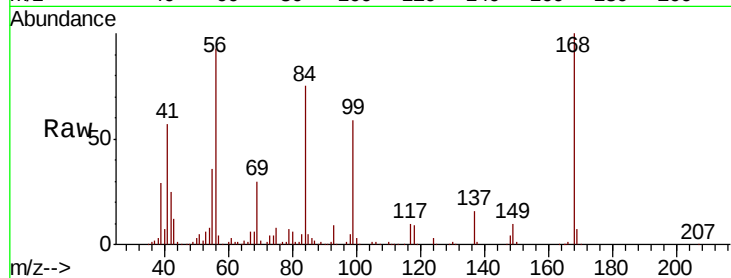
Tgt Ion: 56 Resp: 372959

Ion Ratio Lower Upper

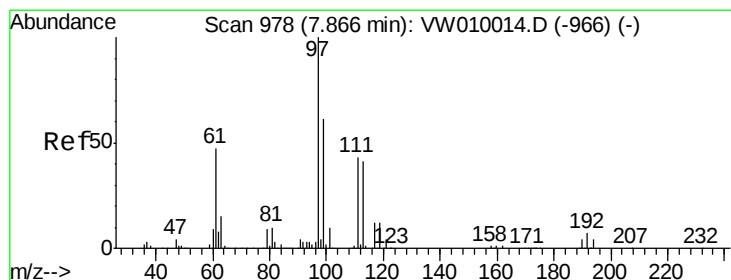
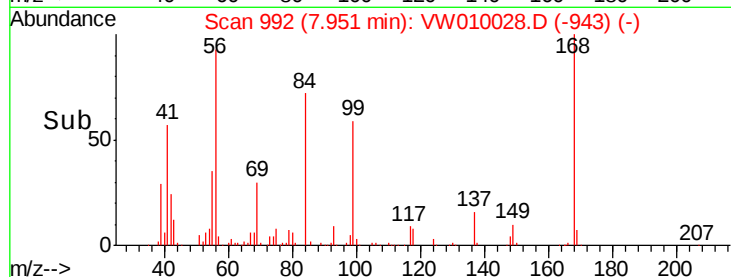
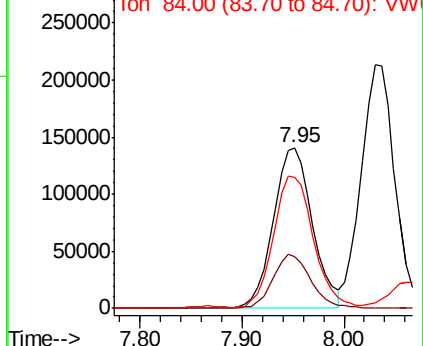
56 100

69 32.2 26.6 40.0

84 80.4 66.2 99.2



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 48.528 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

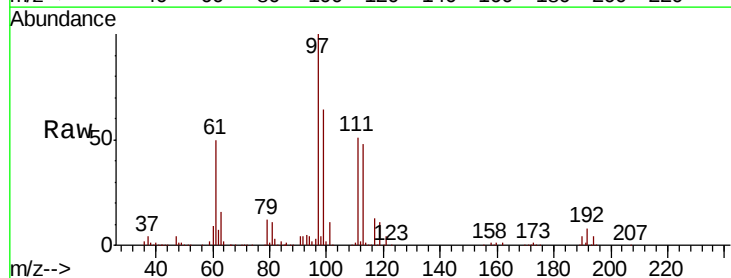
Tgt Ion: 97 Resp: 314623

Ion Ratio Lower Upper

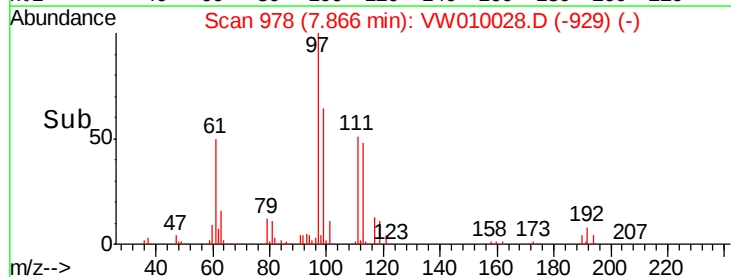
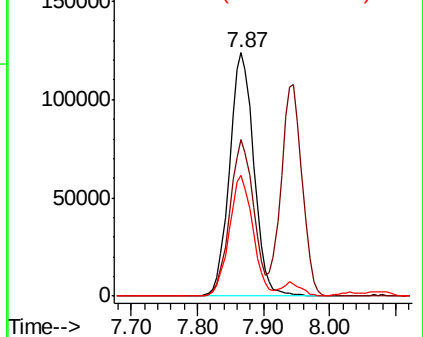
97 100

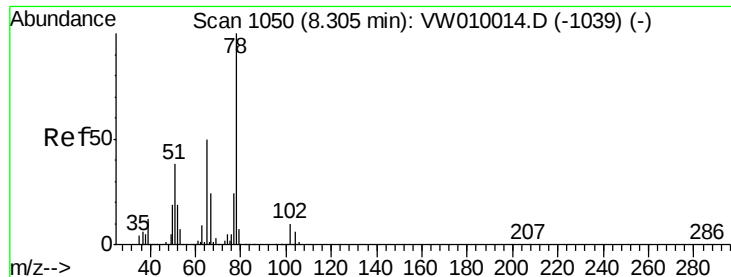
99 62.6 50.2 75.2

61 48.5 38.2 57.2



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





#33

1,2-Dichloroethane-d4

Concen: 54.497 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

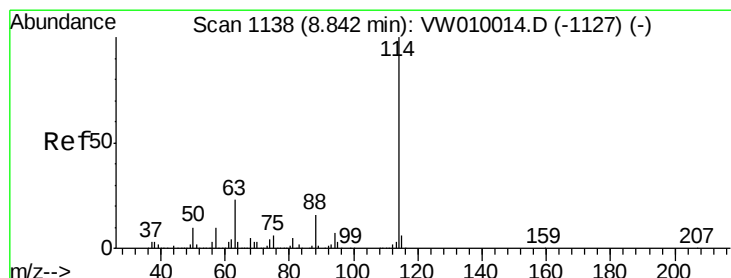
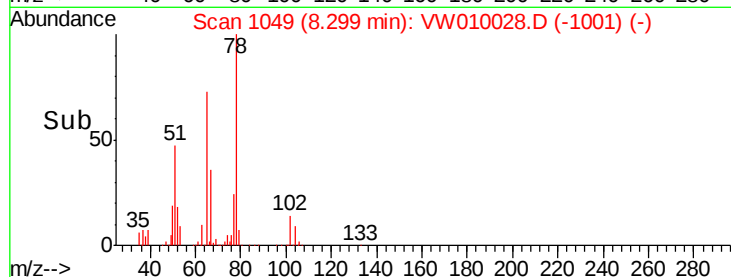
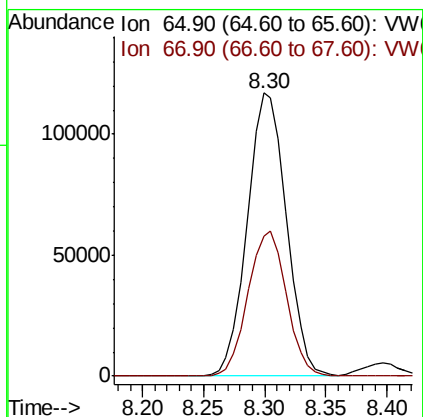
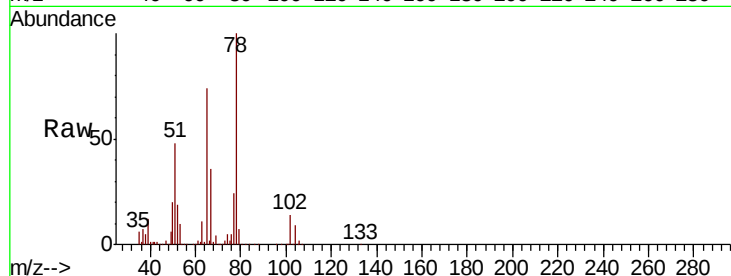
VSTDCCC050EC

Tgt Ion: 65 Resp: 260085

Ion Ratio Lower Upper

65 100

67 50.4 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: VW010028.D

Acq: 17 Apr 2019 21:13

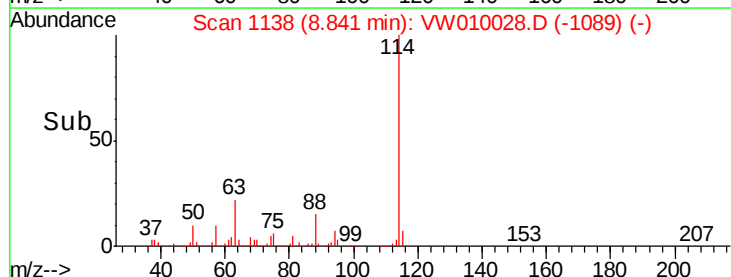
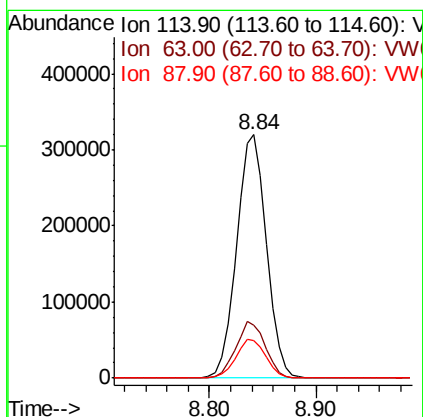
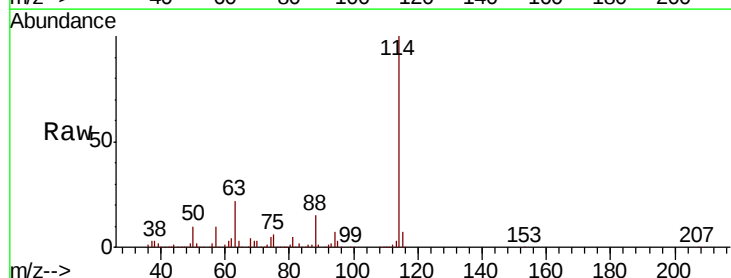
Tgt Ion: 114 Resp: 627574

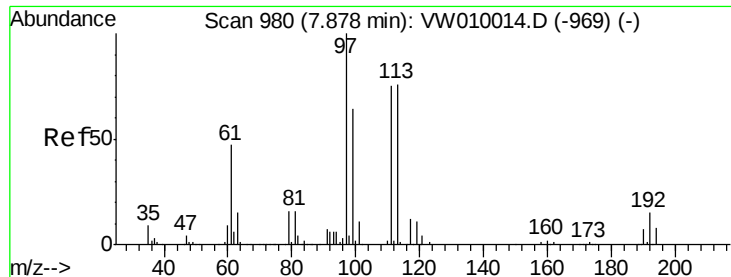
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.2

88 15.5 0.0 32.6

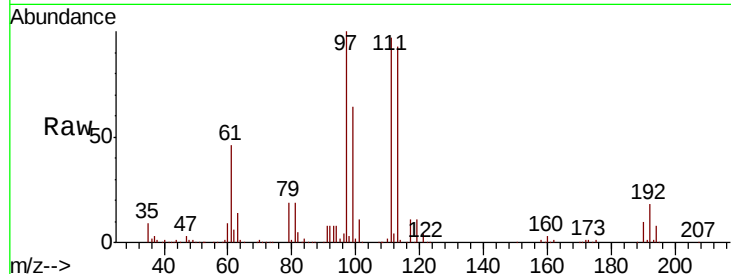




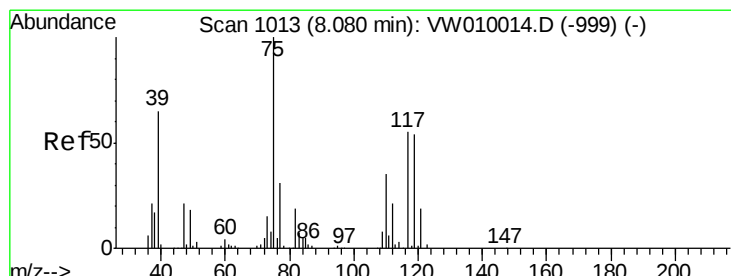
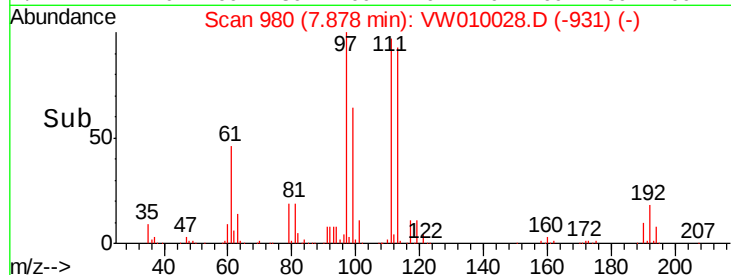
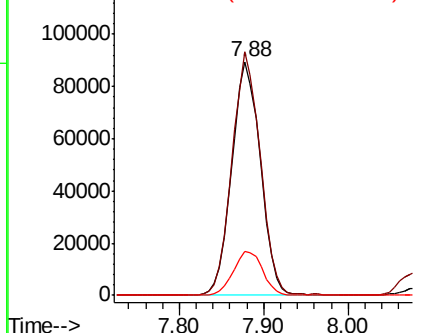
#35
 Dibromofluoromethane
 Concen: 51.725 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 206379
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 19.3 15.4 23.2

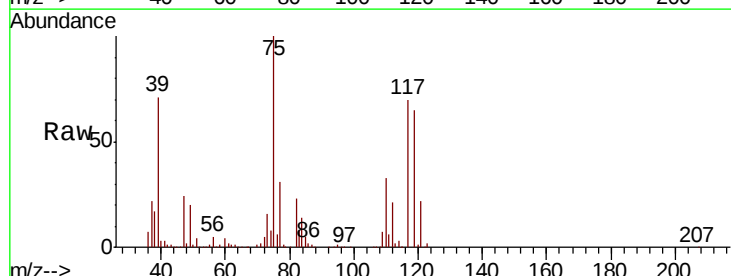


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

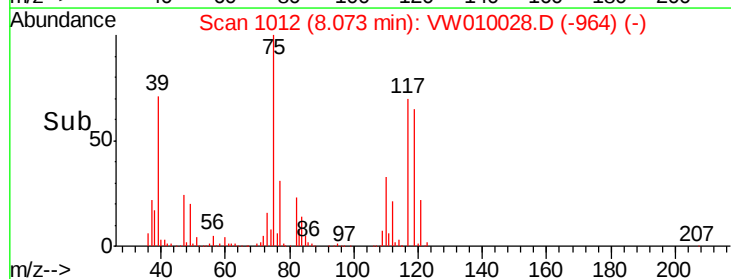
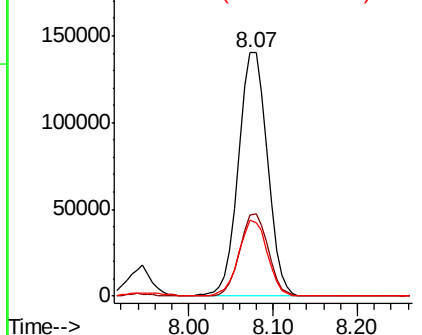


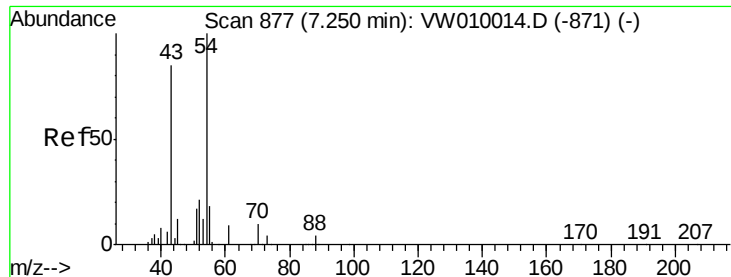
#36
 1,1-Dichloropropene
 Concen: 50.747 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 75 Resp: 325317
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.6 49.8
 77 30.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

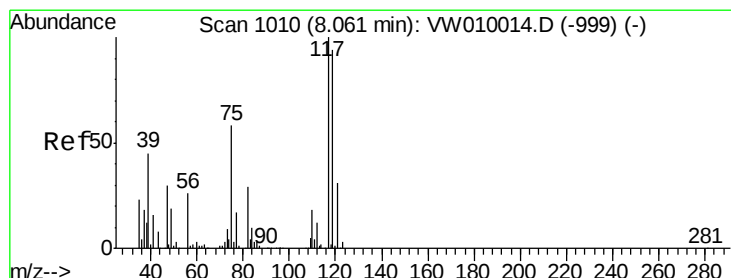
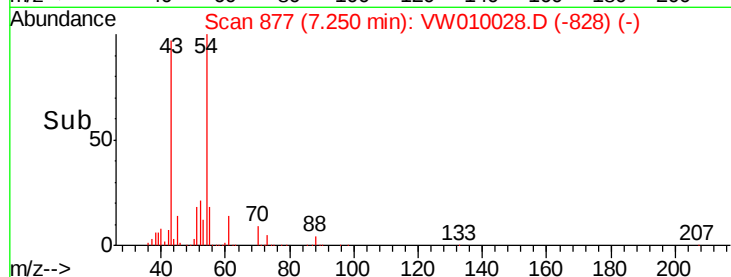
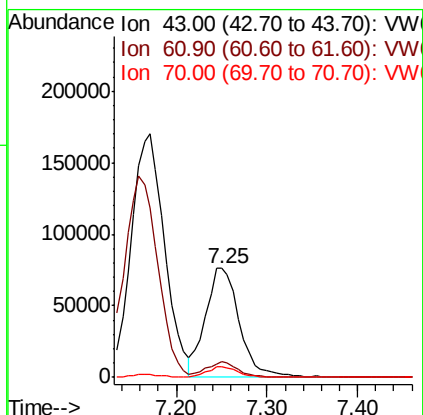
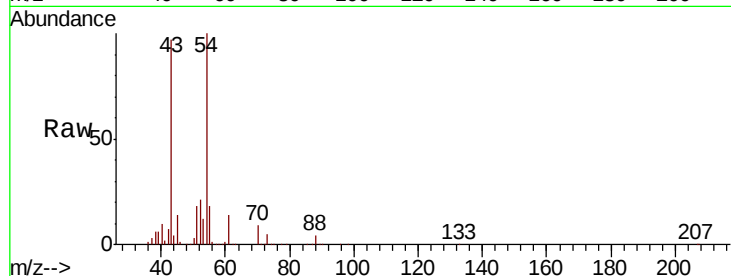




#37
Ethyl Acetate
Concen: 61.032 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

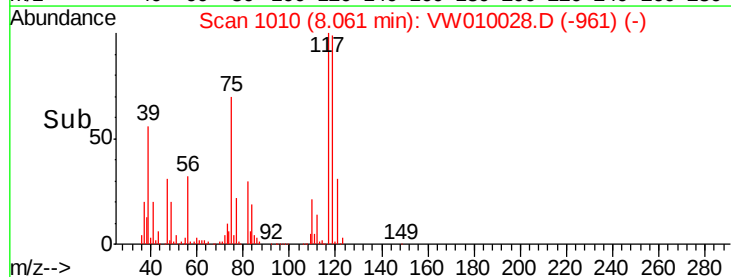
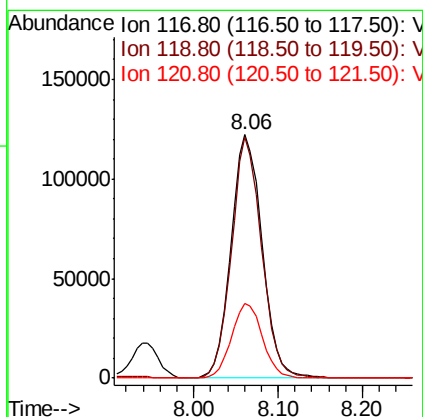
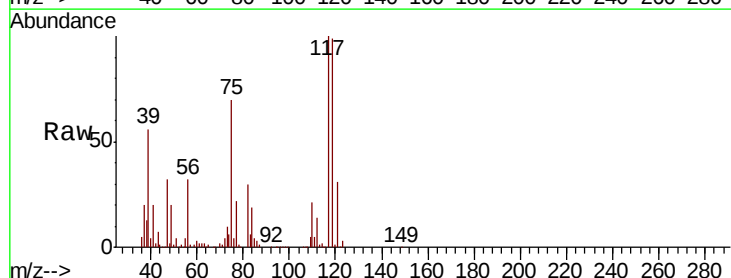
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

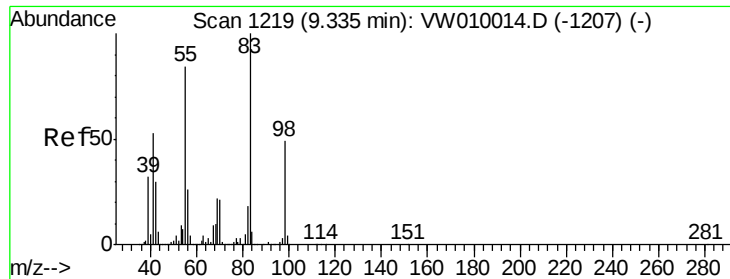
Tgt Ion: 43 Resp: 198812
Ion Ratio Lower Upper
43 100
61 12.7 9.8 14.8
70 8.8 7.4 11.0



#38
Carbon Tetrachloride
Concen: 48.546 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion: 117 Resp: 303726
Ion Ratio Lower Upper
117 100
119 98.8 75.3 112.9
121 30.6 24.4 36.6

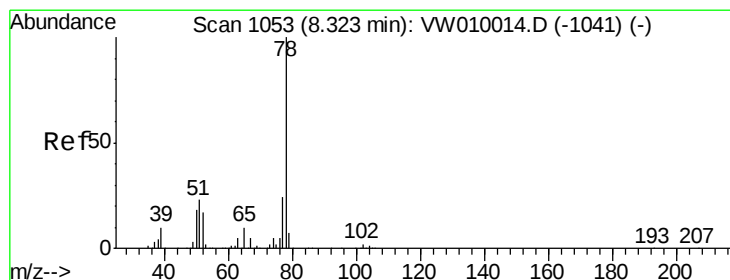
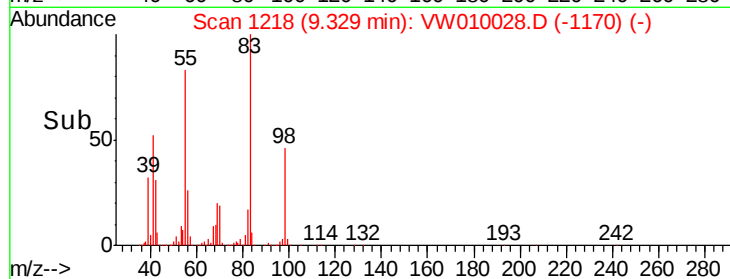
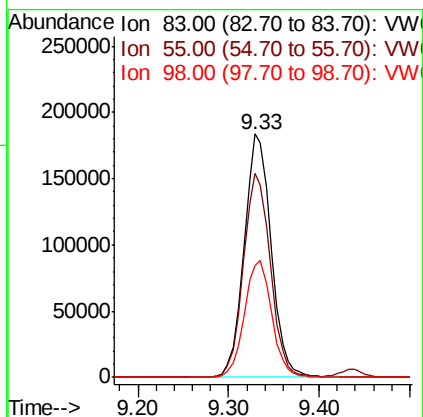
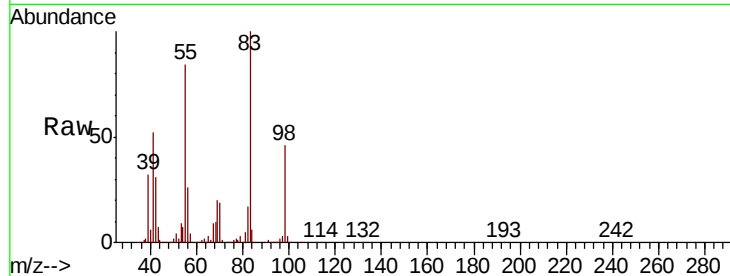




#39
Methylcyclohexane
Concen: 48.548 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

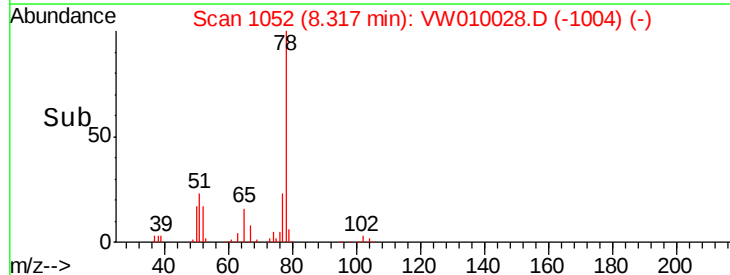
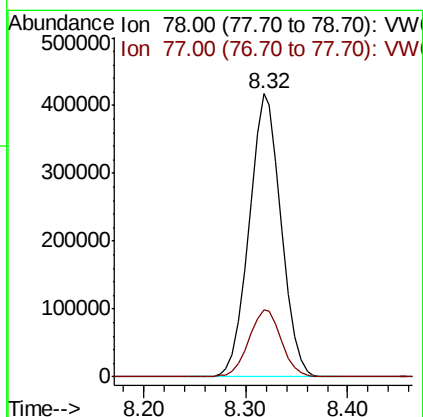
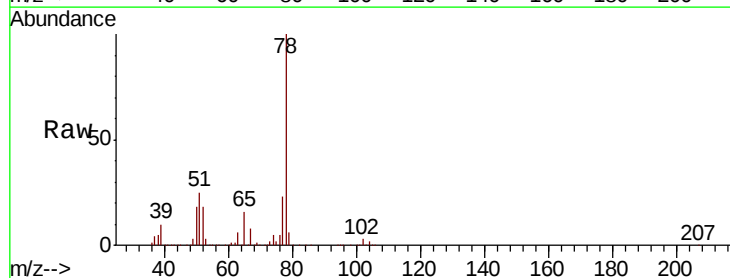
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

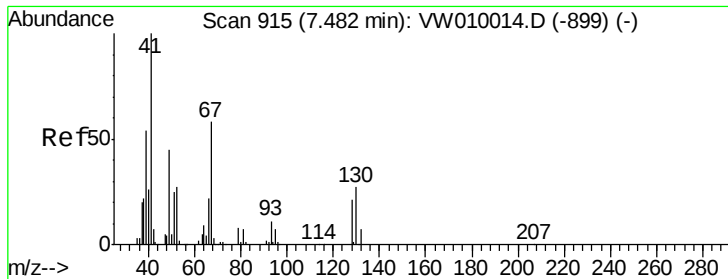
Tgt Ion: 83 Resp: 378428
Ion Ratio Lower Upper
83 100
55 83.5 67.1 100.7
98 46.0 39.2 58.8



#40
Benzene
Concen: 51.748 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion: 78 Resp: 907051
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41

Methacrylonitrile

Concen: 64.494 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

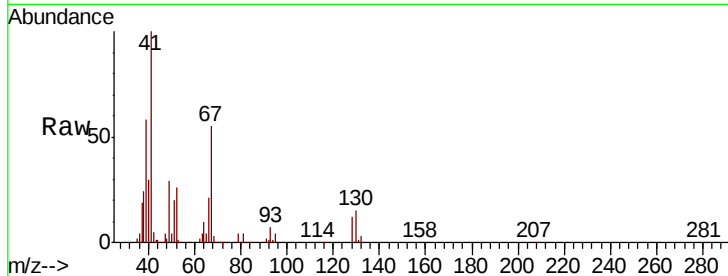
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	41	Resp:	119737
Ion	Ratio	Lower	Upper
41	100		
39	62.5	45.0	67.4
67	57.4	50.7	76.1
52	27.4	22.6	33.8



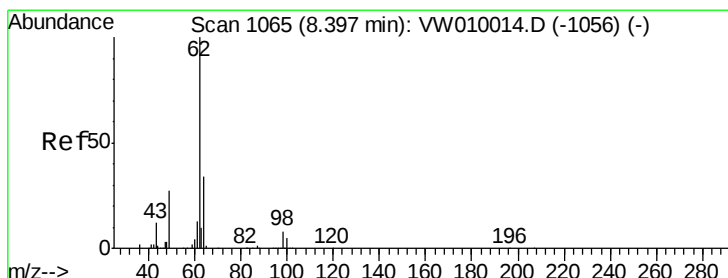
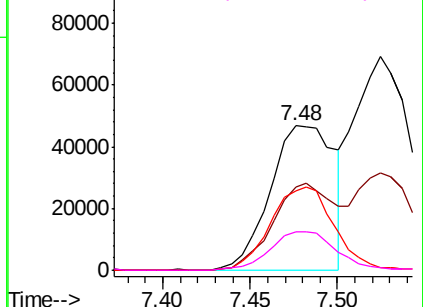
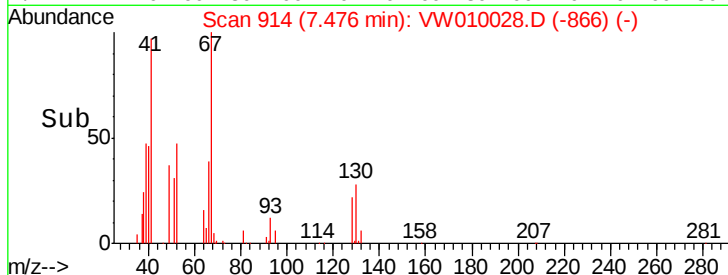
Abundance

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: 53.517 ug/l

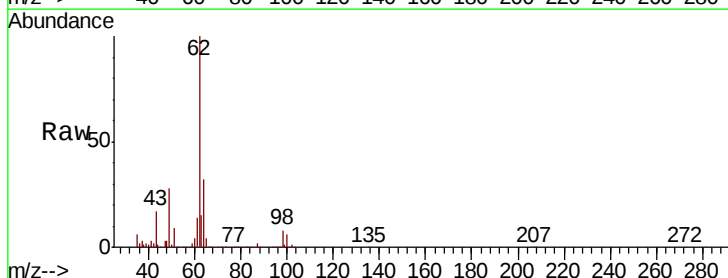
RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

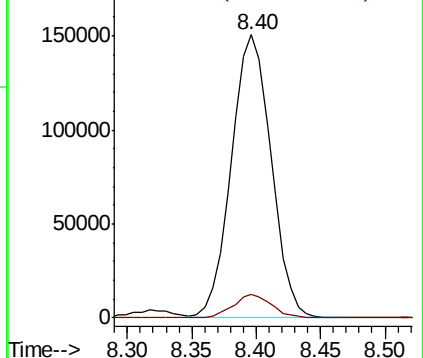
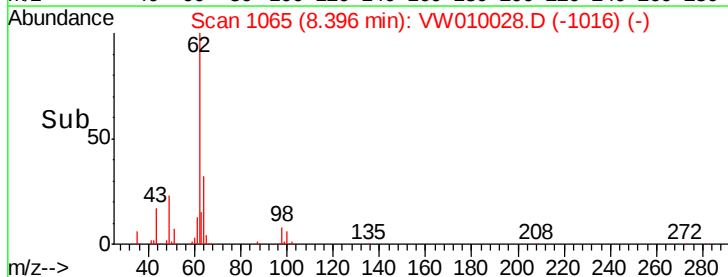
Tgt Ion:	62	Resp:	322374
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6

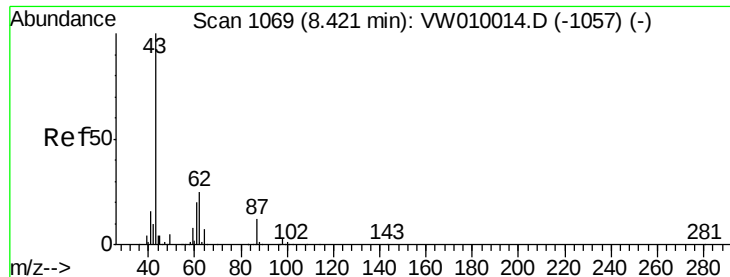


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 60.226 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

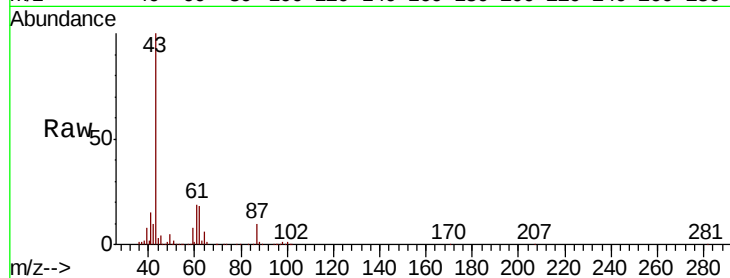
Tgt Ion: 43 Resp: 367630

Ion Ratio Lower Upper

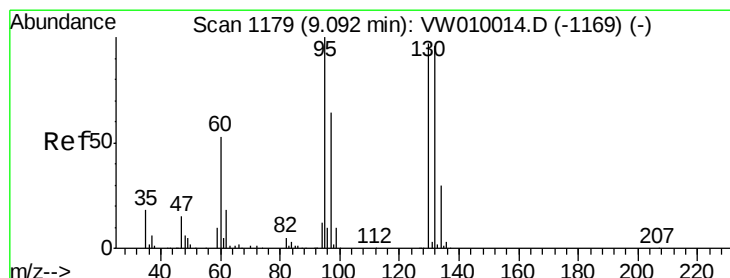
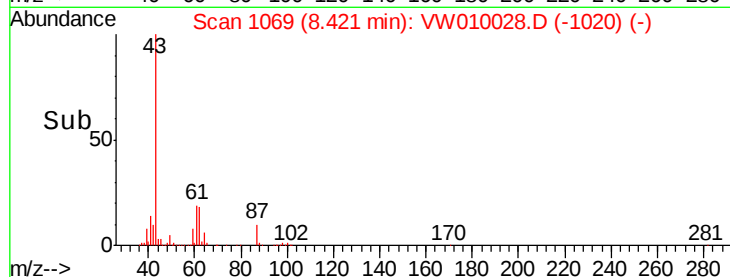
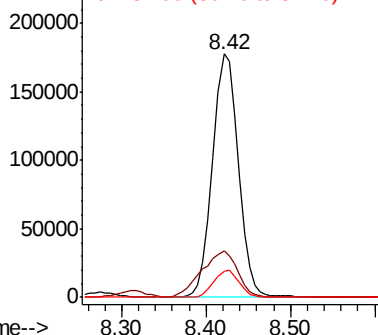
43 100

61 26.6 23.0 34.6

87 11.1 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: 50.656 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW010028.D

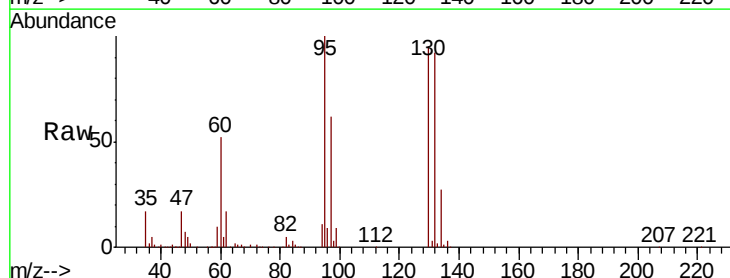
Acq: 17 Apr 2019 21:13

Tgt Ion: 130 Resp: 225520

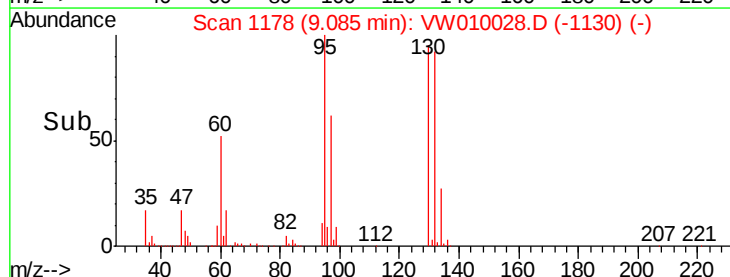
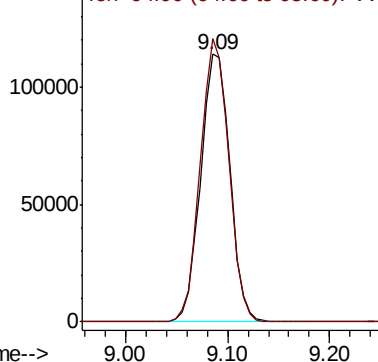
Ion Ratio Lower Upper

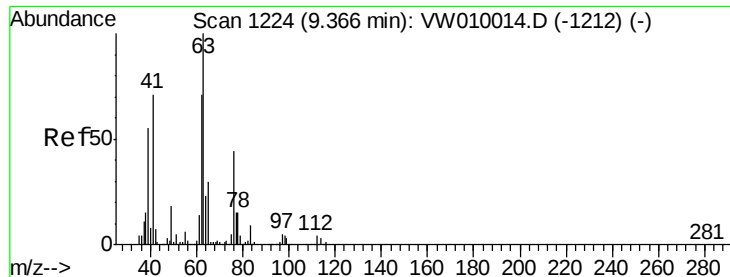
130 100

95 105.8 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: 51.391 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

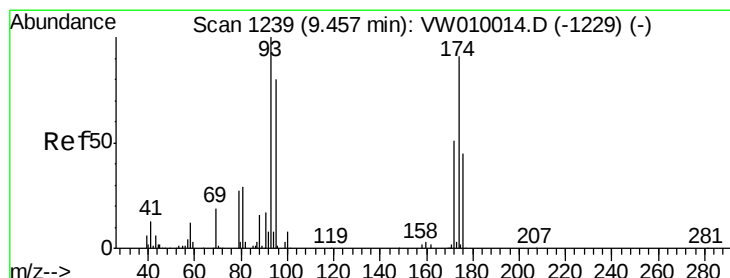
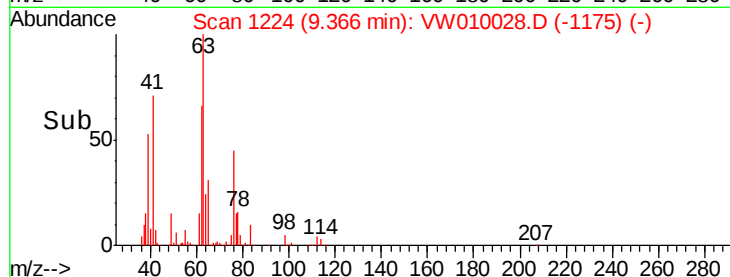
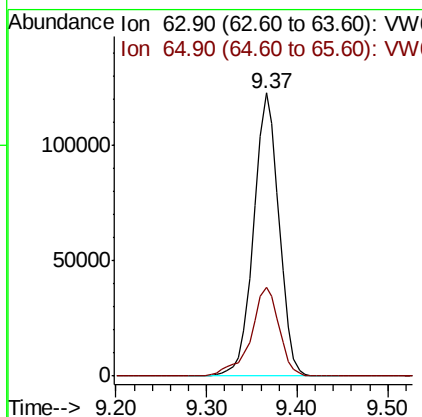
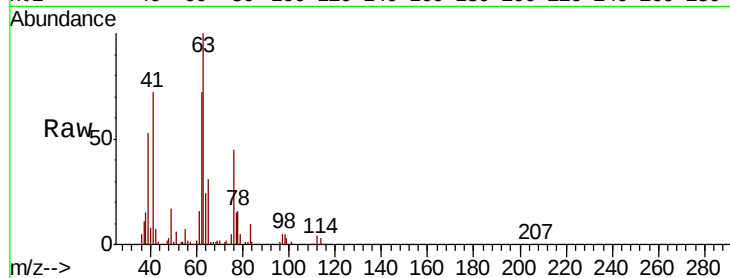
VSTDCCC050EC

Tgt Ion: 63 Resp: 236773

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 54.844 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

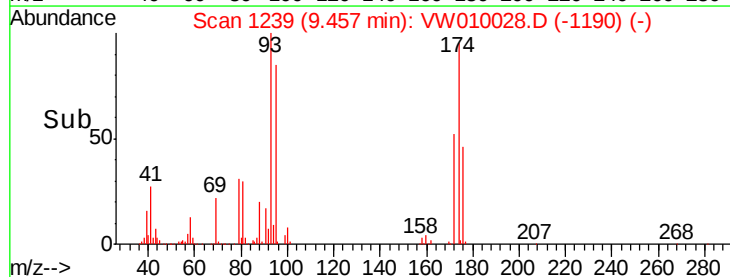
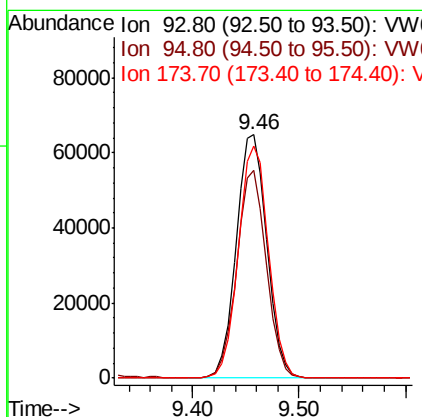
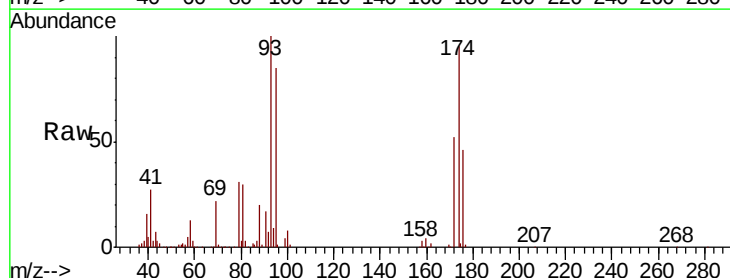
Tgt Ion: 93 Resp: 130963

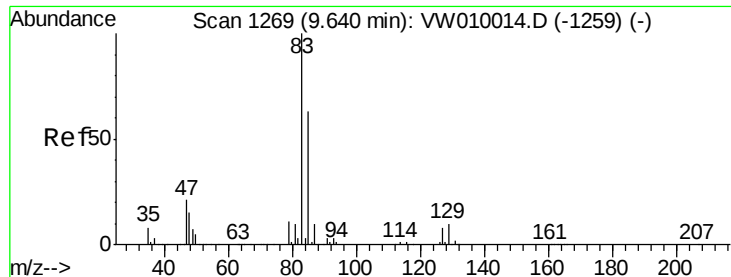
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 94.1 75.5 113.3





#47

Bromodichloromethane

Concen: 53.068 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

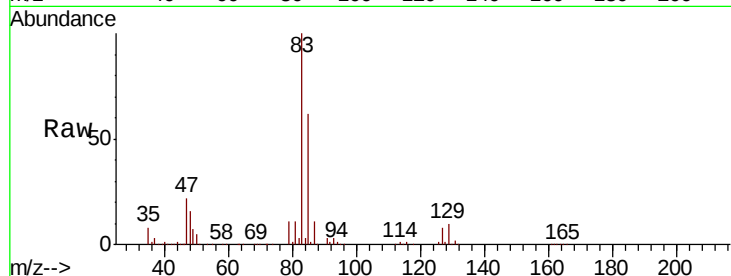
Tgt Ion: 83 Resp: 327123

Ion Ratio Lower Upper

83 100

85 62.2 50.6 75.8

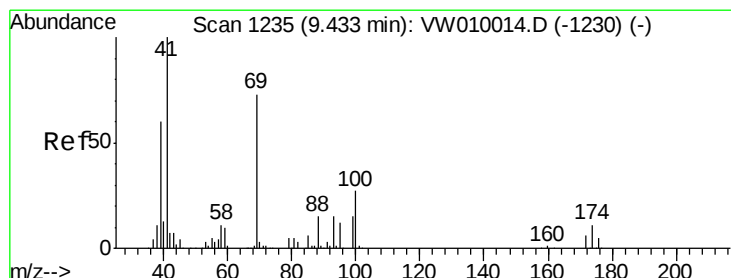
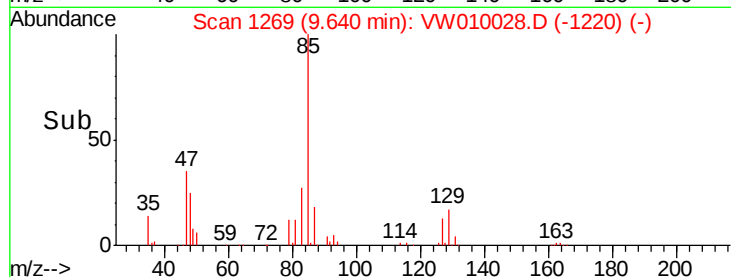
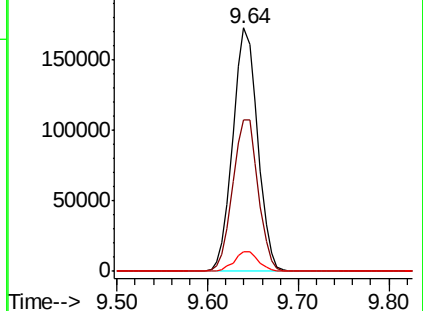
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 59.288 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

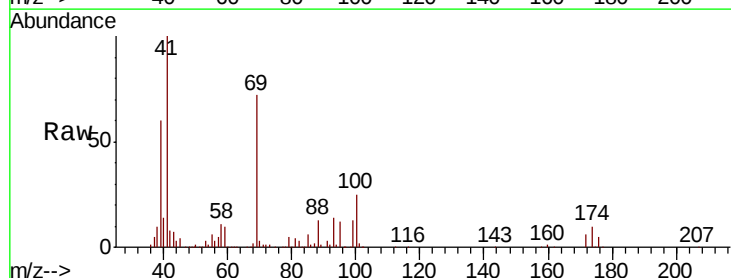
Tgt Ion: 41 Resp: 176167

Ion Ratio Lower Upper

41 100

69 75.4 60.1 90.1

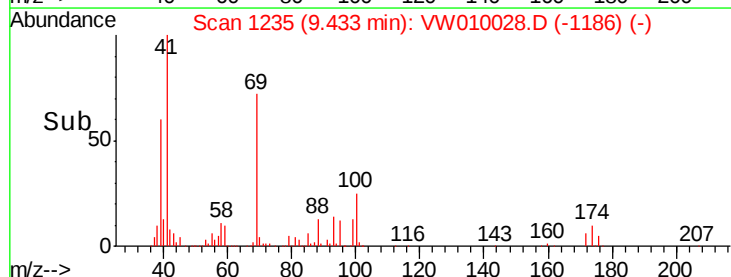
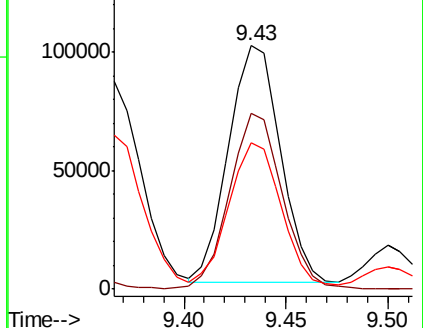
39 59.5 51.0 76.6

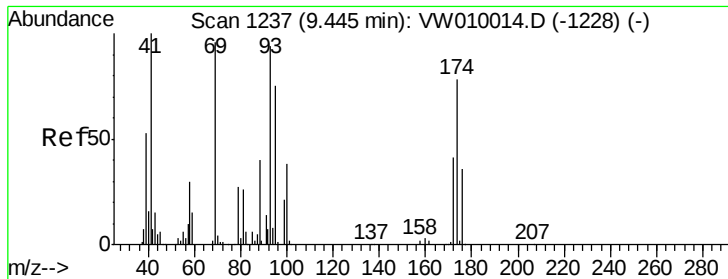


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

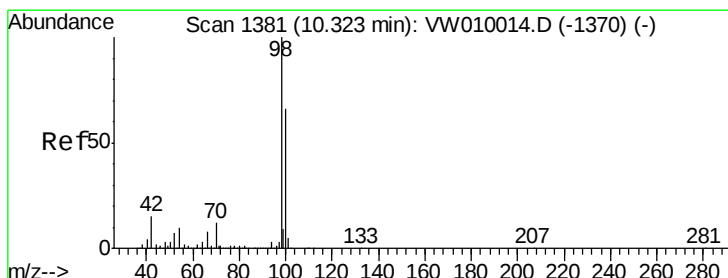
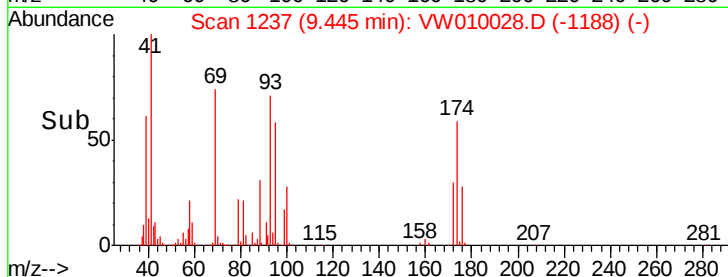
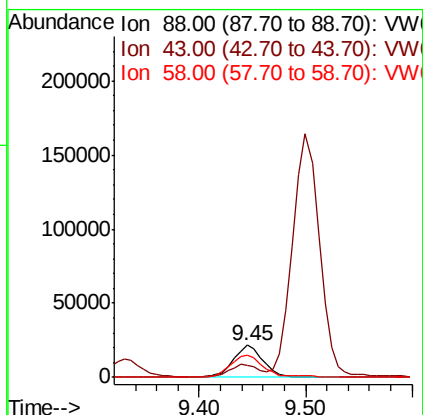
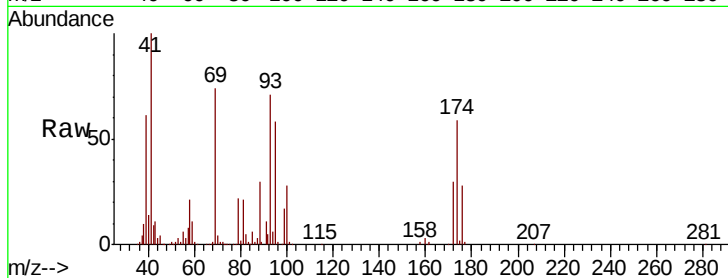




#49
1,4-Dioxane
Concen: 1179.340 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

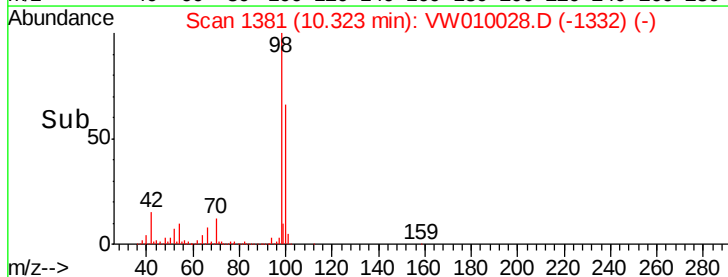
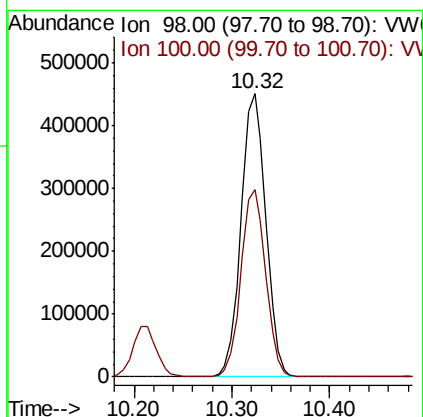
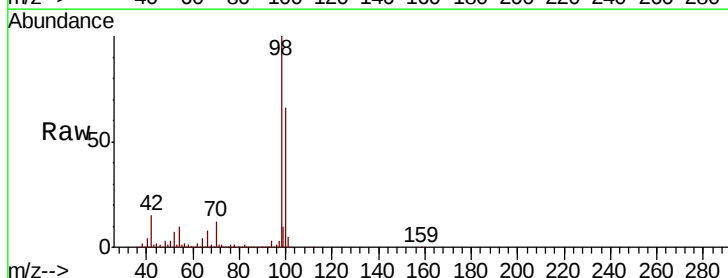
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

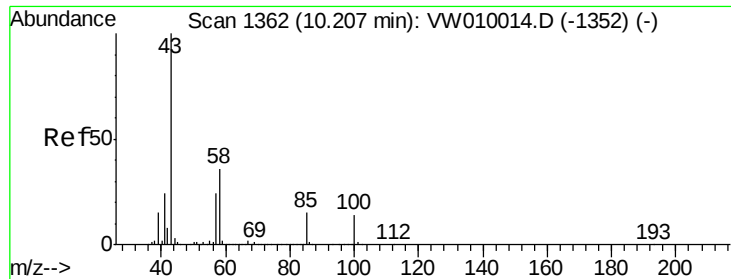
Tgt Ion: 88 Resp: 43031
Ion Ratio Lower Upper
88 100
43 38.6 31.9 47.9
58 78.6 61.8 92.6



#50
Toluene-d8
Concen: 52.974 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion: 98 Resp: 792003
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

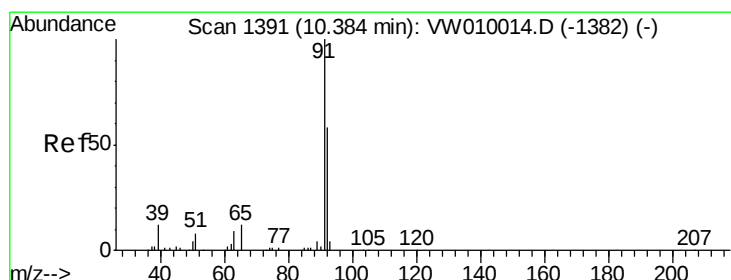
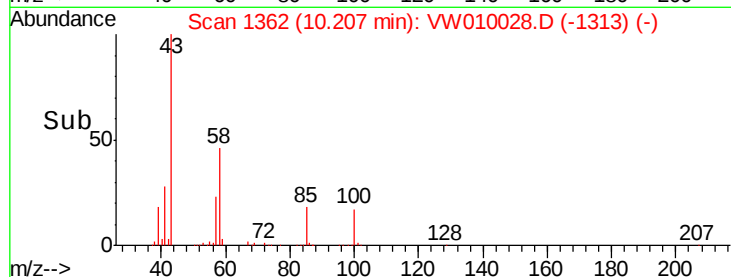
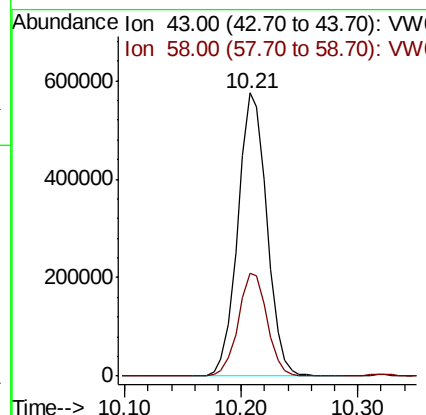
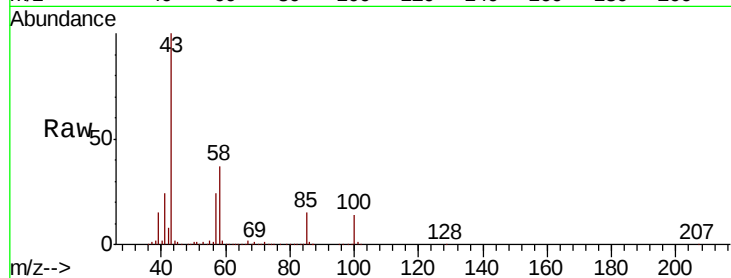




#51
 4-Methyl-2-Pentanone
 Concen: 312.548 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

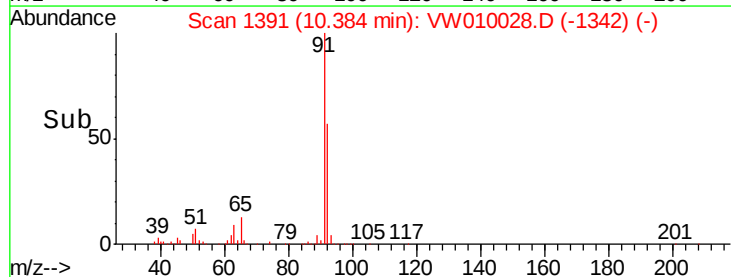
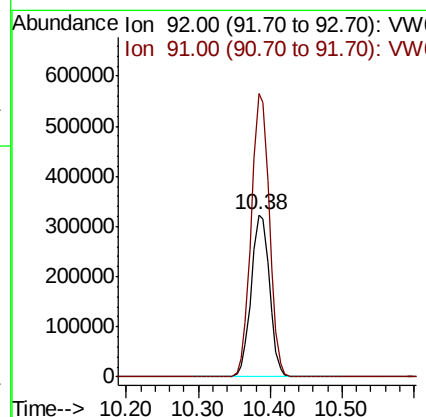
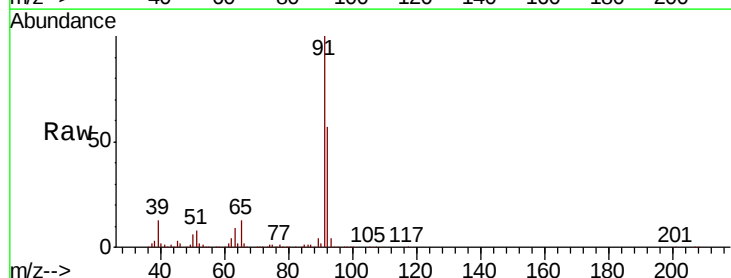
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

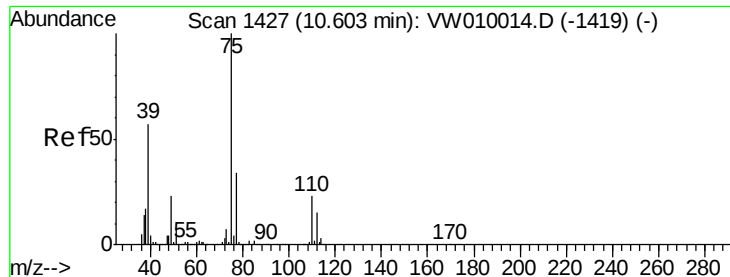
Tgt Ion: 43 Resp: 999249
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.9 43.3



#52
 Toluene
 Concen: 52.283 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 92 Resp: 570862
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 54.584 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

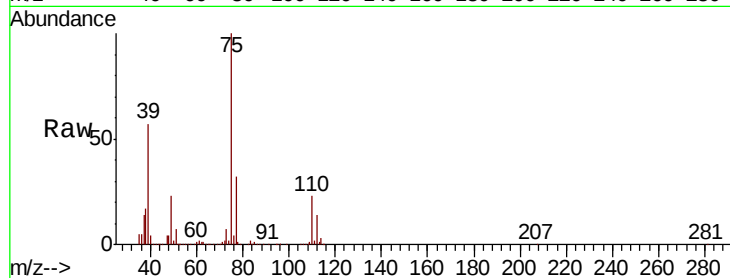
VSTDCCC050EC

Tgt Ion: 75 Resp: 333596

Ion Ratio Lower Upper

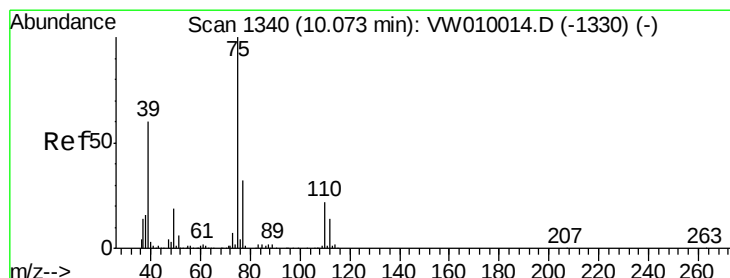
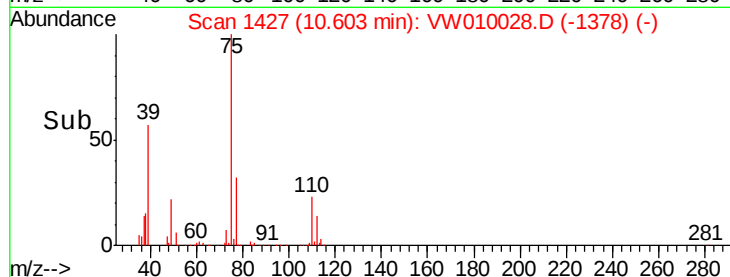
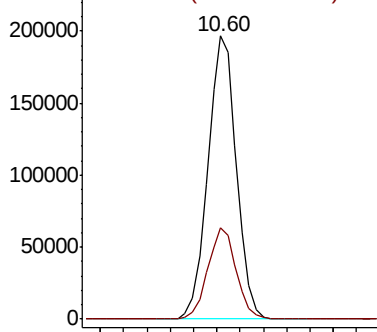
75 100

77 32.4 26.9 40.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 54.131 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

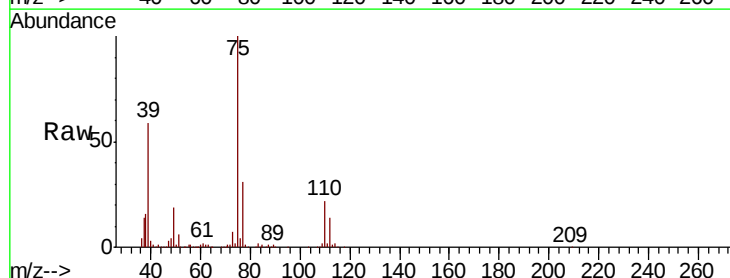
Tgt Ion: 75 Resp: 377761

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

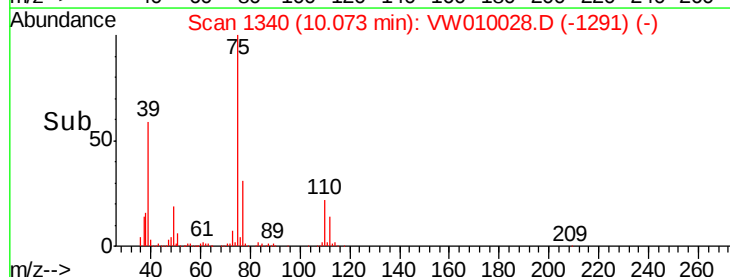
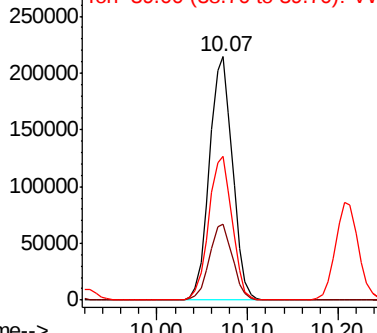
39 58.8 47.8 71.6

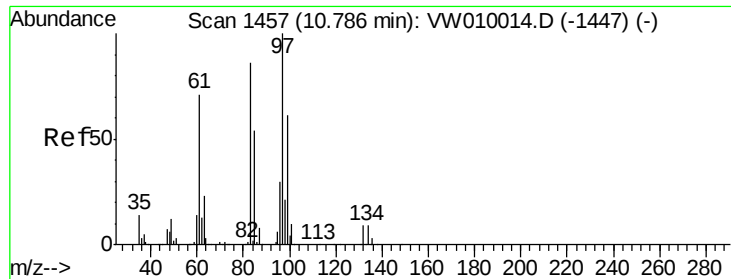


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

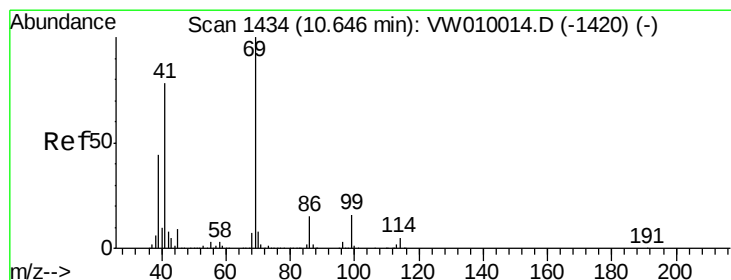
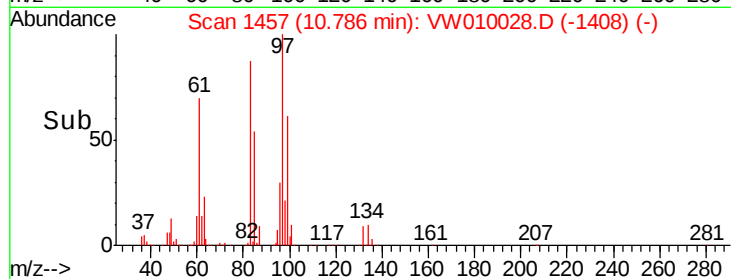
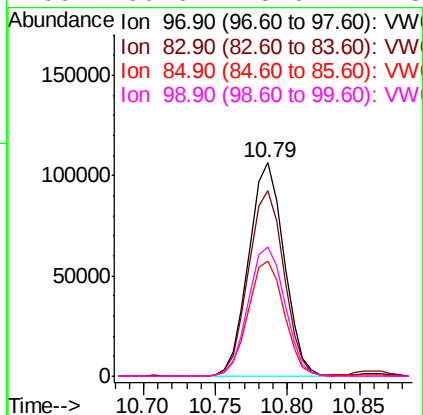
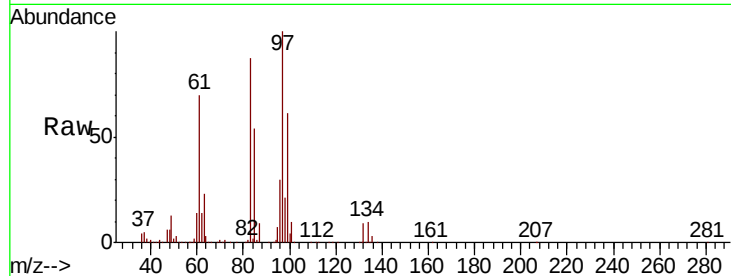




#55
 1,1,2-Trichloroethane
 Concen: 54.475 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

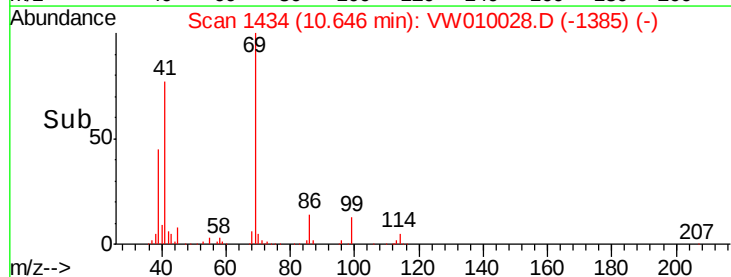
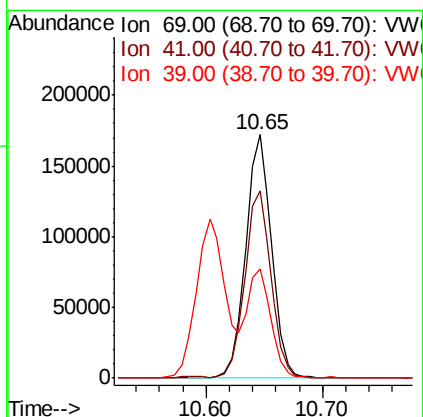
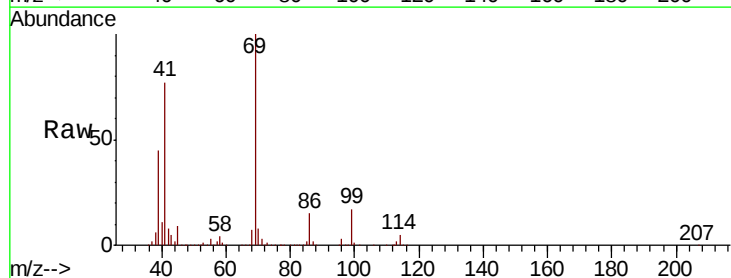
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

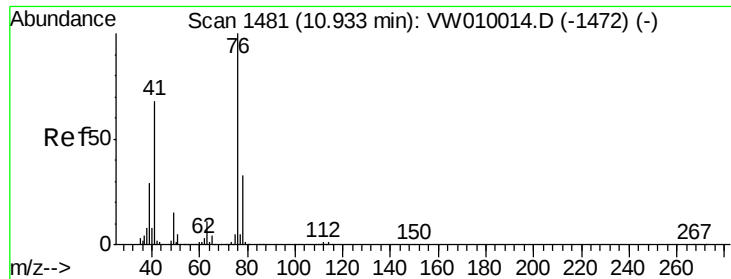
Tgt Ion:	97	Resp:	181562
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.9	103.3
85	53.7	42.9	64.3
99	60.6	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 57.176 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion:	69	Resp:	266473
Ion	Ratio	Lower	Upper
69	100		
41	77.2	61.0	91.6
39	41.1	33.8	50.6

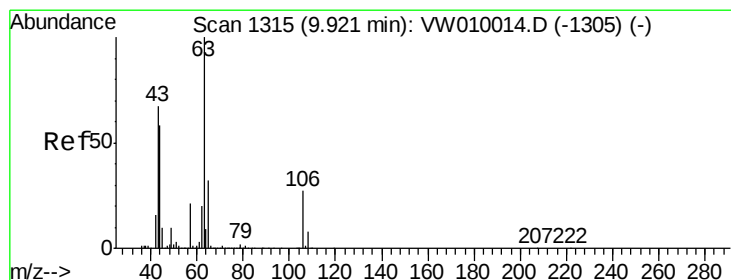
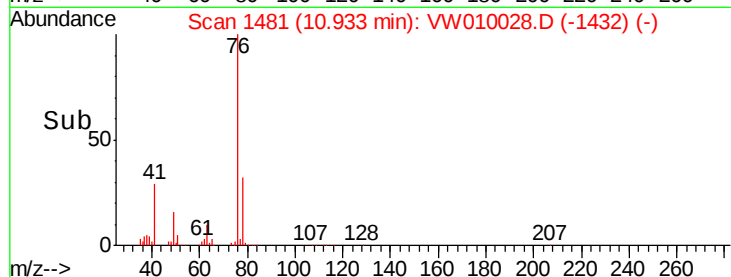
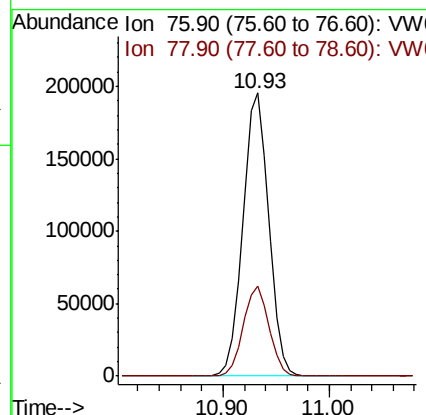
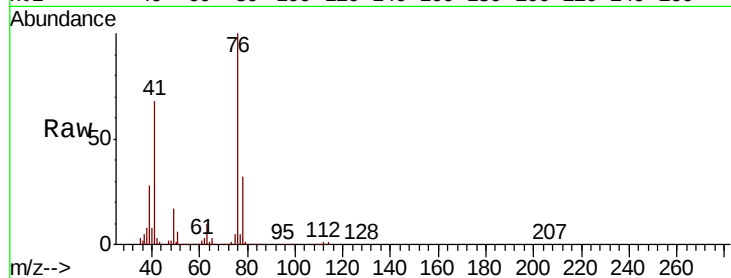




#57
 1,3-Dichloropropane
 Concen: 55.797 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

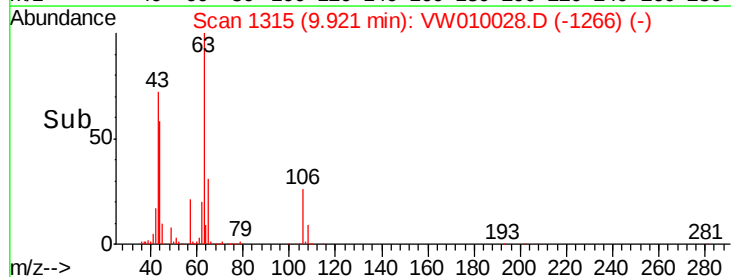
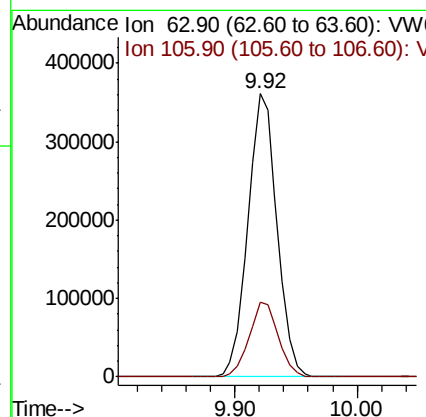
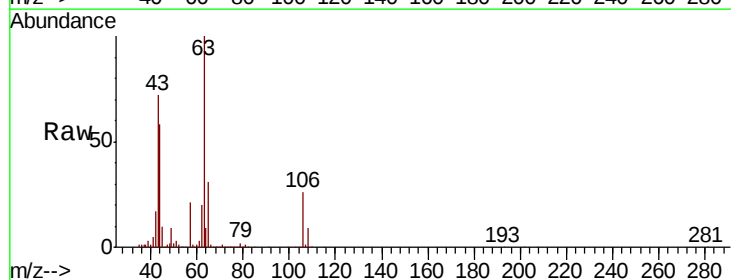
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

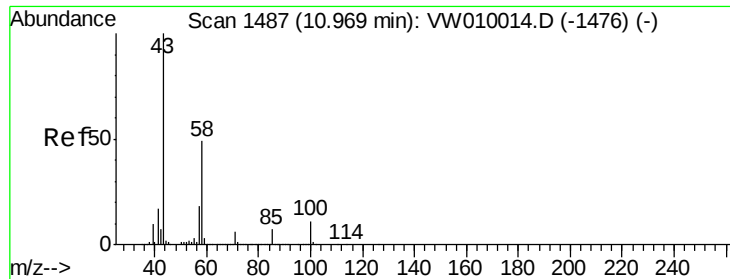
Tgt Ion: 76 Resp: 333322
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 299.324 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 63 Resp: 596123
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.4 32.0

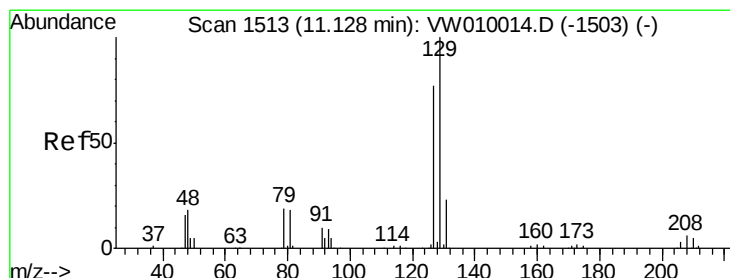
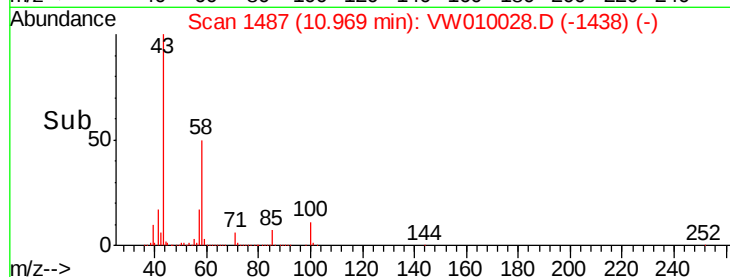
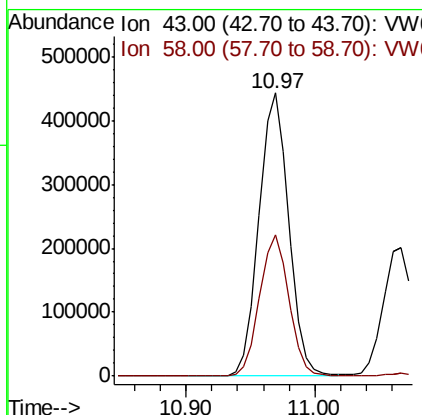
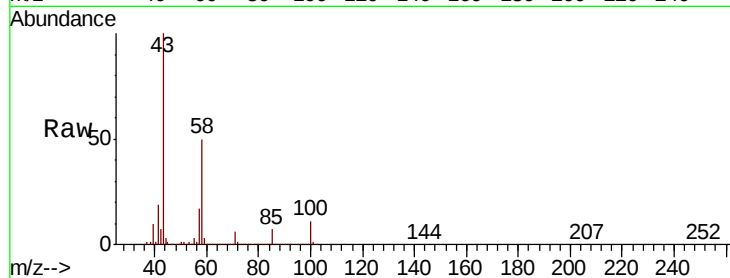




#59
2-Hexanone
Concen: 317.268 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

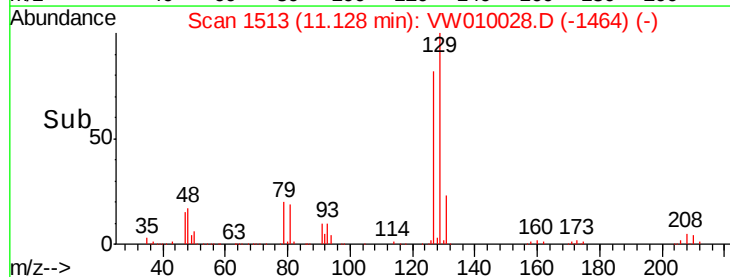
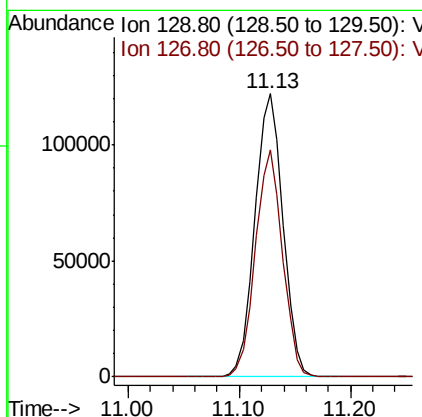
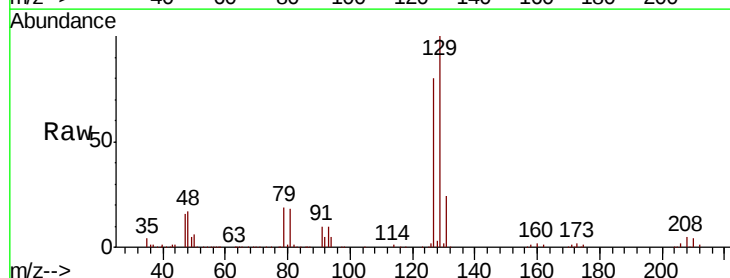
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

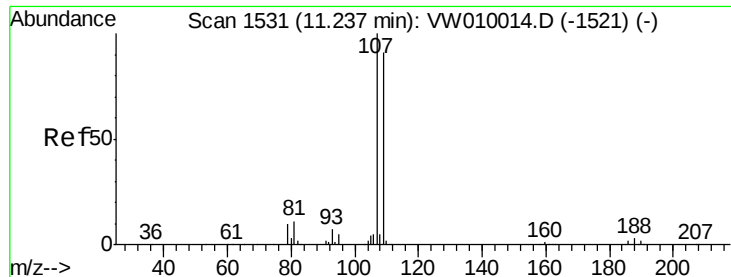
Tgt Ion: 43 Resp: 706090
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.7



#60
Dibromochloromethane
Concen: 55.814 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion: 129 Resp: 215005
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

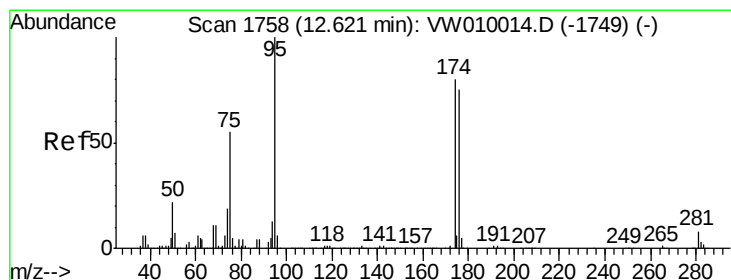
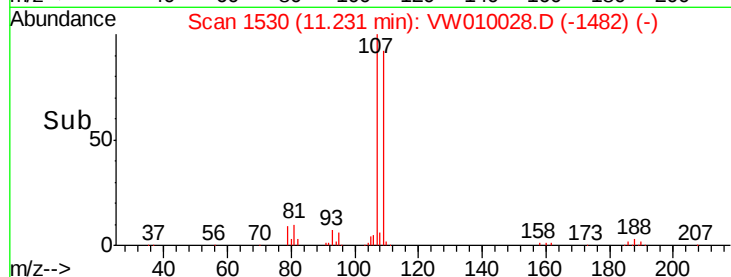
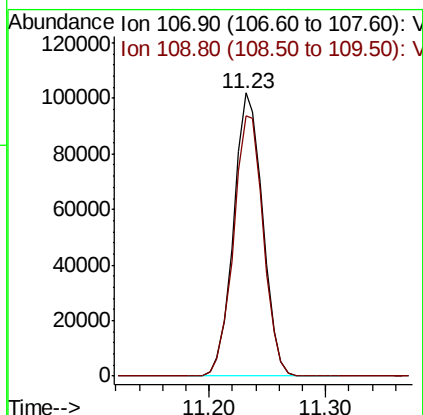
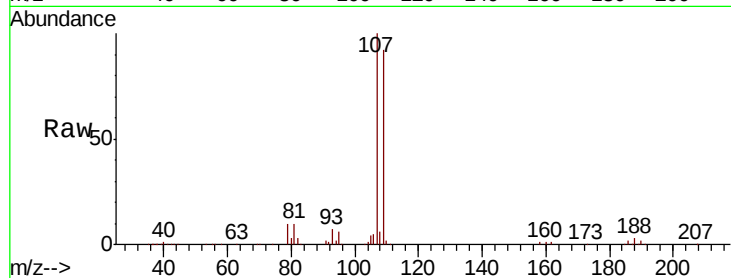




#61
 1,2-Dibromoethane
 Concen: 55.973 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

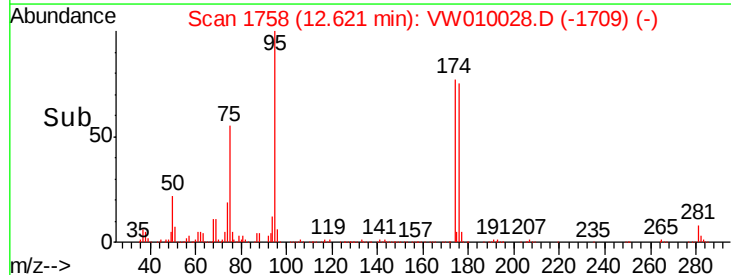
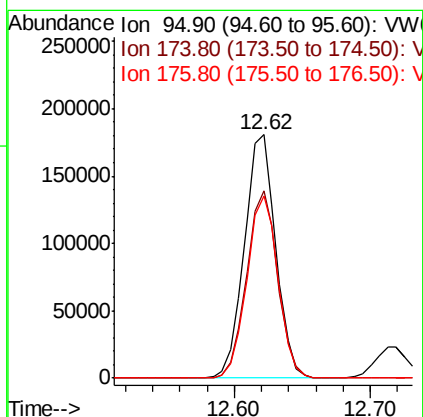
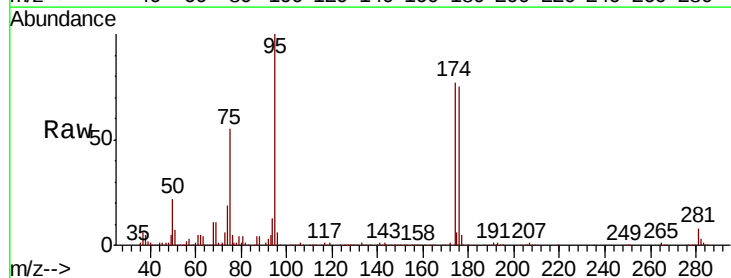
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

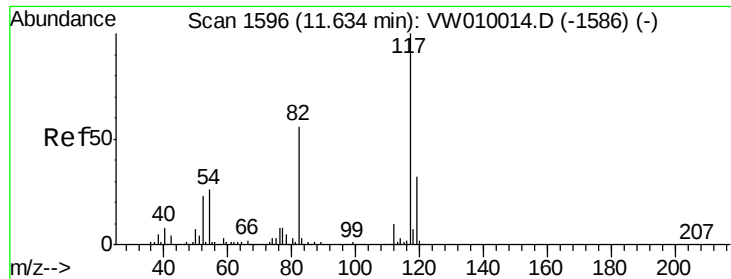
Tgt Ion: 107 Resp: 177464
 Ion Ratio Lower Upper
 107 100
 109 94.1 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 53.600 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion: 95 Resp: 291294
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 151.4
 176 74.4 0.0 146.2

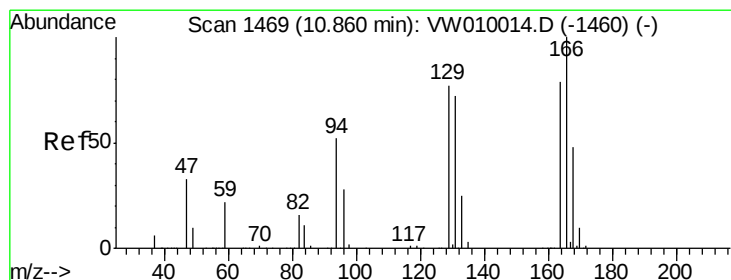
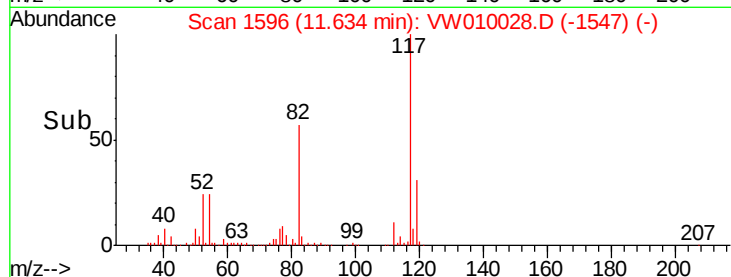
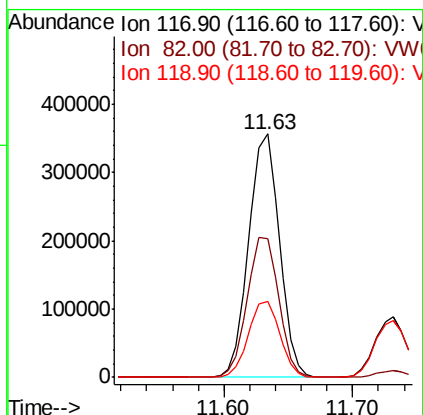
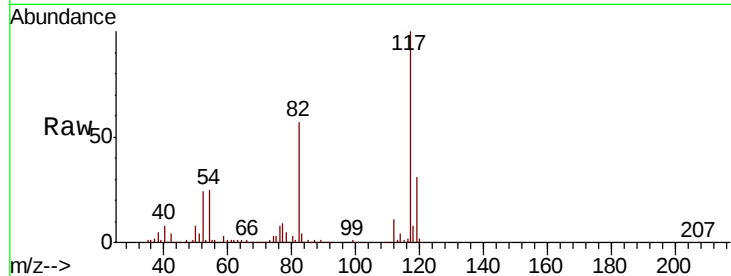




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

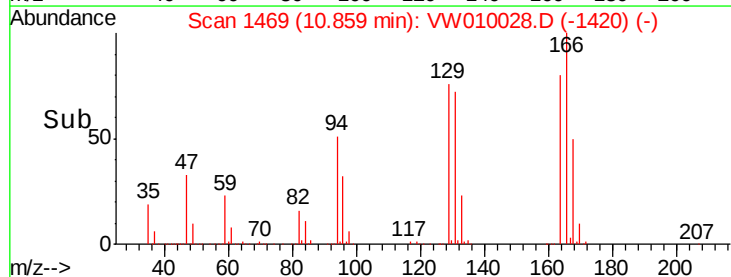
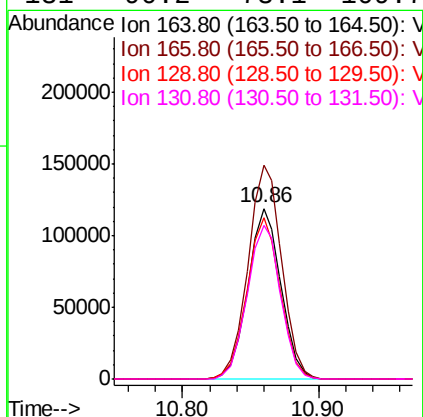
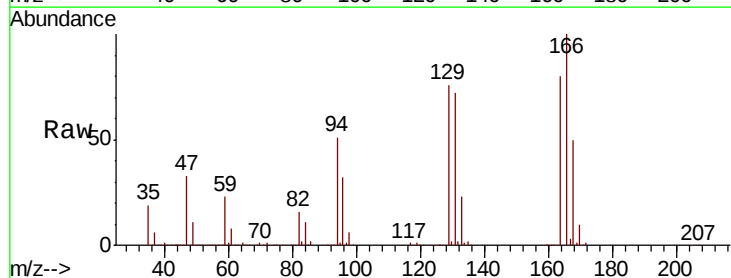
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

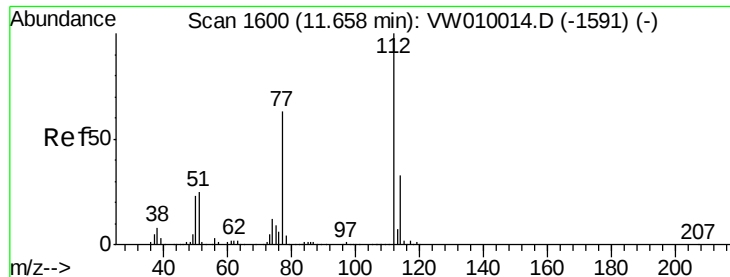
Tgt Ion:117 Resp: 586662
Ion Ratio Lower Upper
117 100
82 56.9 45.2 67.8
119 31.1 25.4 38.2



#64
Tetrachloroethene
Concen: 52.892 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion:164 Resp: 201435
Ion Ratio Lower Upper
164 100
166 125.2 101.2 151.8
129 94.8 77.8 116.6
131 90.2 73.1 109.7

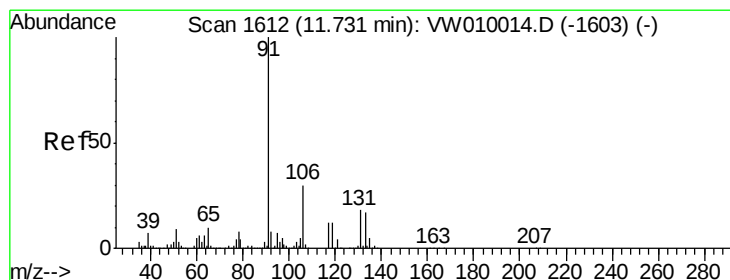
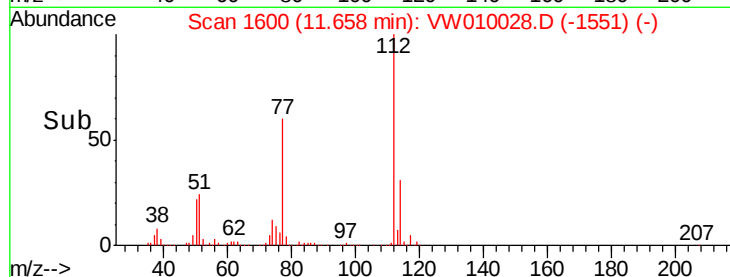
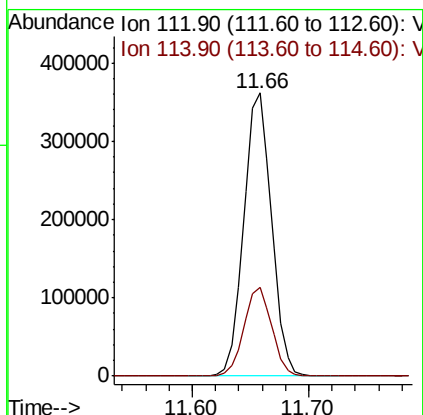
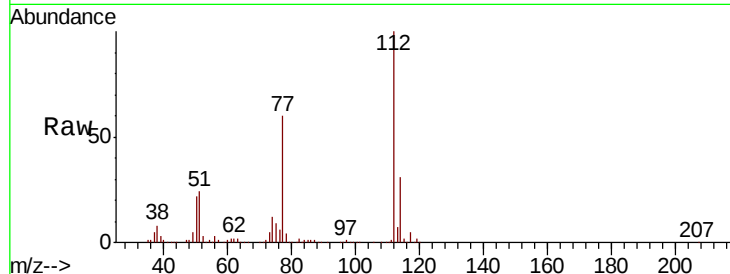




#65
Chlorobenzene
Concen: 50.252 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

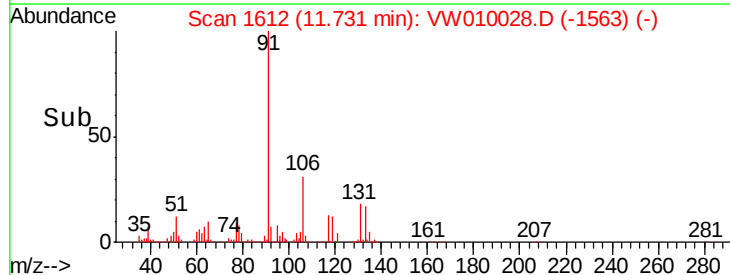
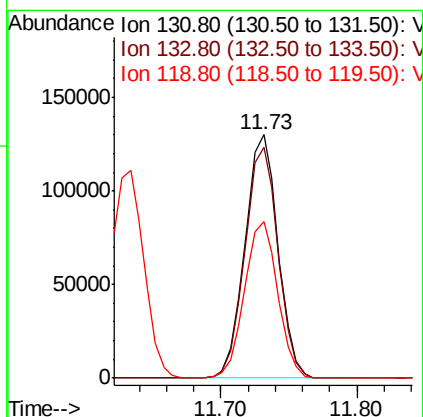
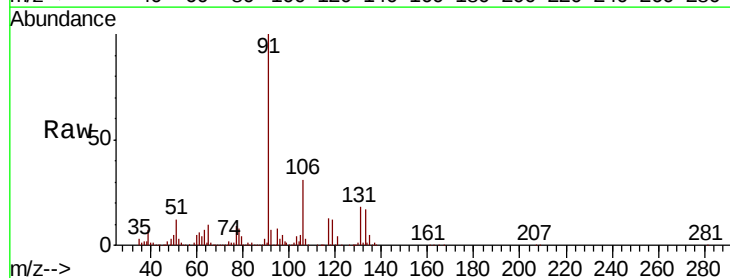
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

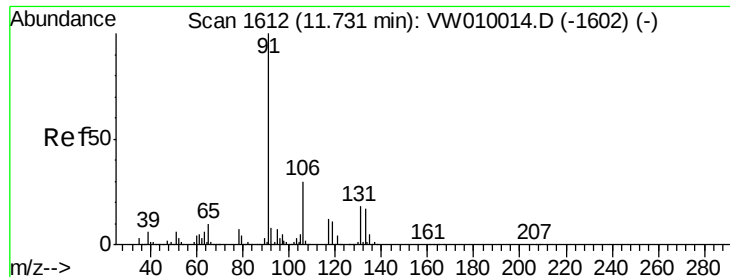
Tgt Ion:112 Resp: 603392
Ion Ratio Lower Upper
112 100
114 31.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.436 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion:131 Resp: 220865
Ion Ratio Lower Upper
131 100
133 95.5 46.5 139.5
119 64.7 31.9 95.5

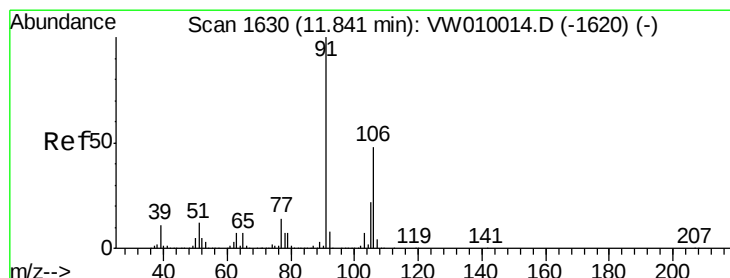
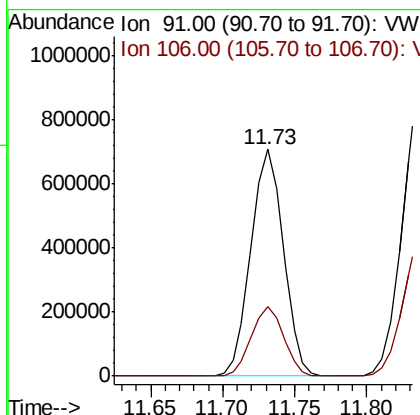
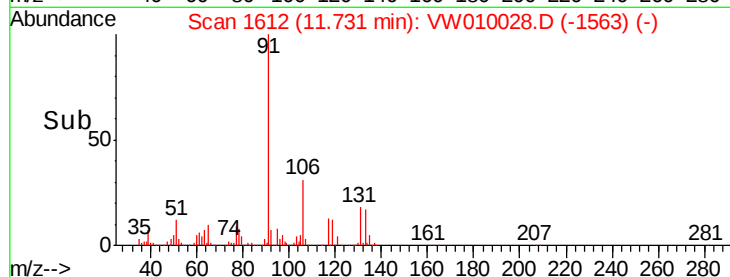
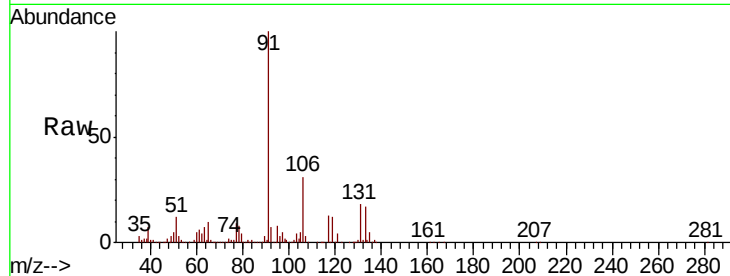




#67
Ethyl Benzene
Concen: 51.876 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

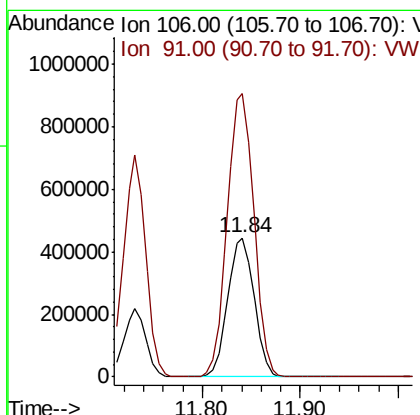
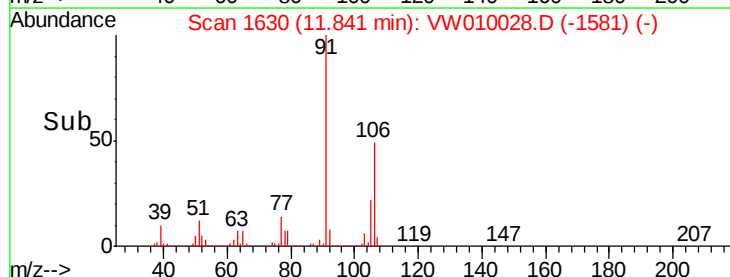
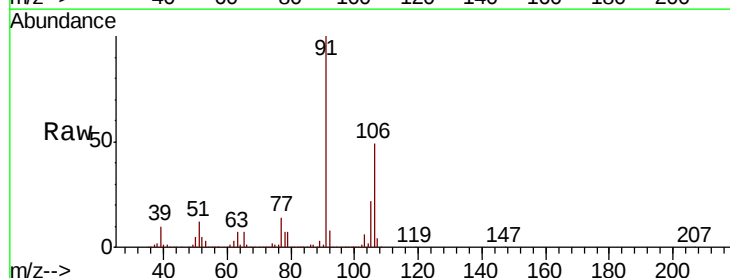
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

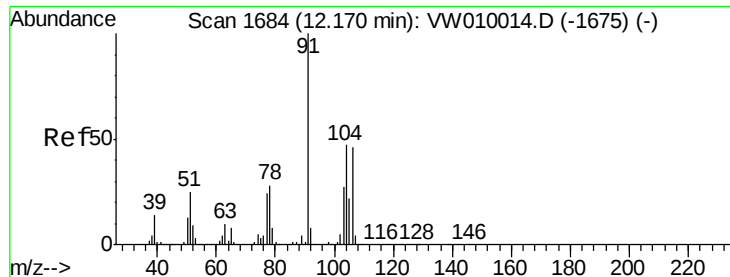
Tgt Ion: 91 Resp: 1111352
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.8



#68
m/p-Xylenes
Concen: 103.551 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion: 106 Resp: 829245
Ion Ratio Lower Upper
106 100
91 206.7 165.0 247.6

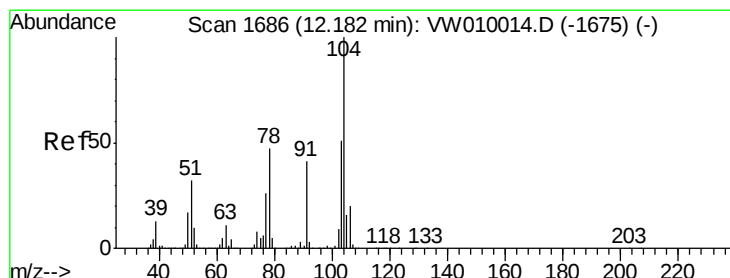
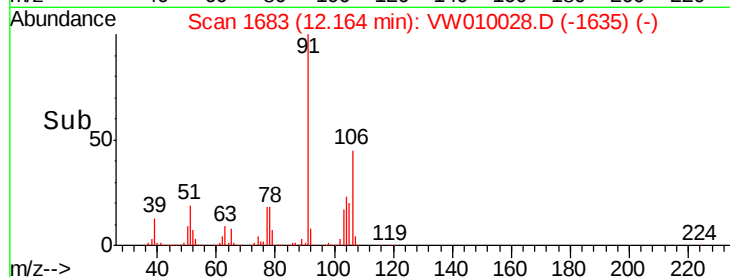
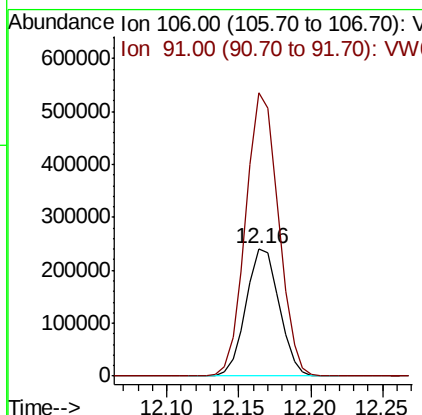
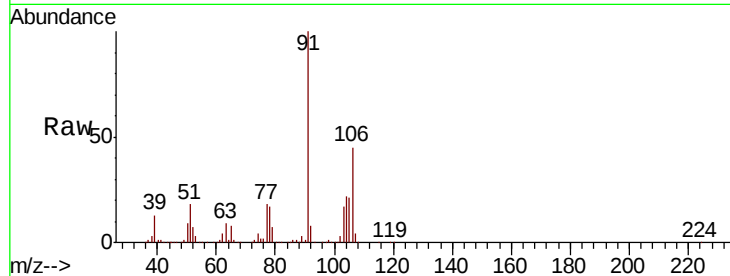




#69
o-Xylene
Concen: 52.852 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

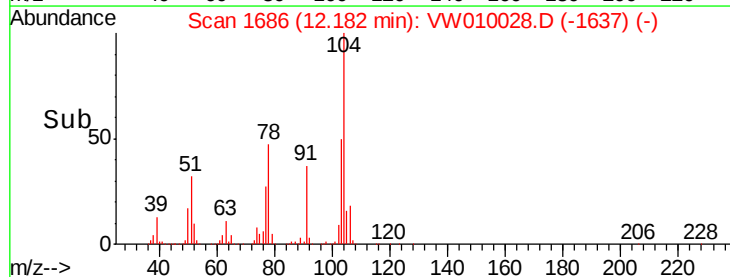
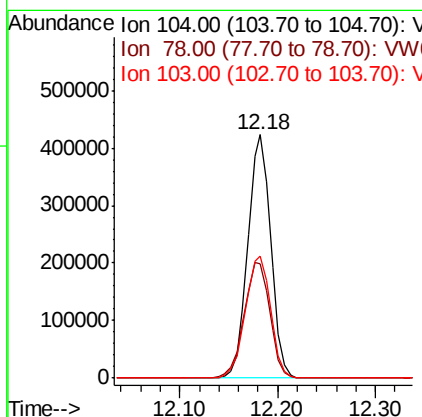
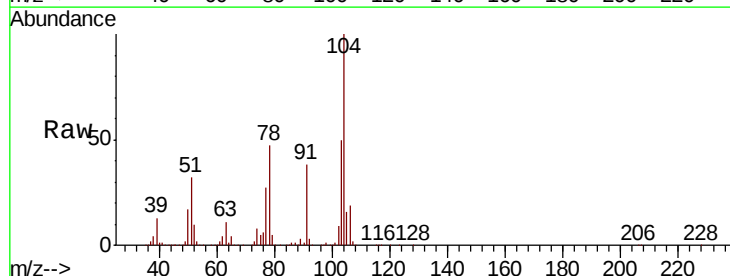
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

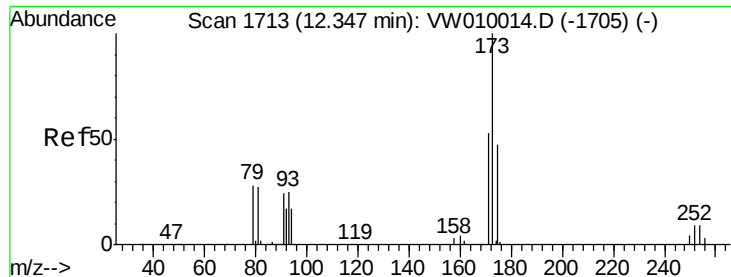
Tgt Ion:106 Resp: 385380
Ion Ratio Lower Upper
106 100
91 219.3 110.5 331.4



#70
Styrene
Concen: 54.669 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion:104 Resp: 687312
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.1 43.6 65.4





#71

Bromoform

Concen: 55.297 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

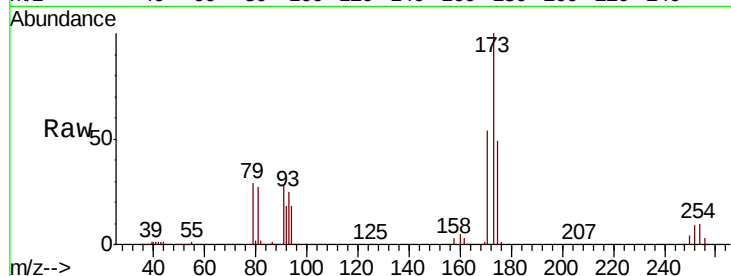
Tgt Ion:173 Resp: 125555

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.4

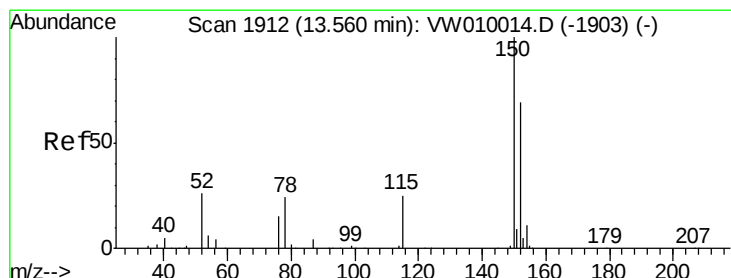
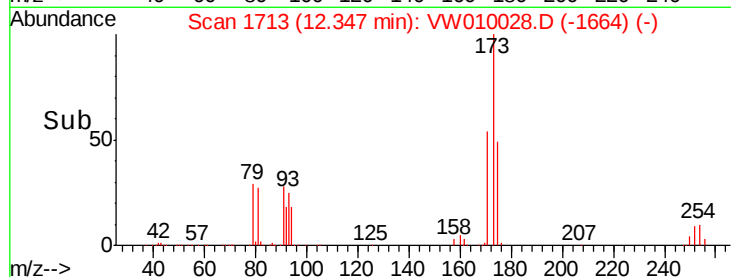
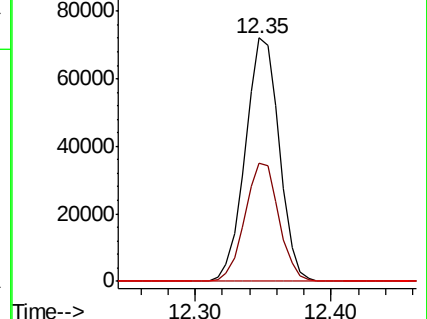
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

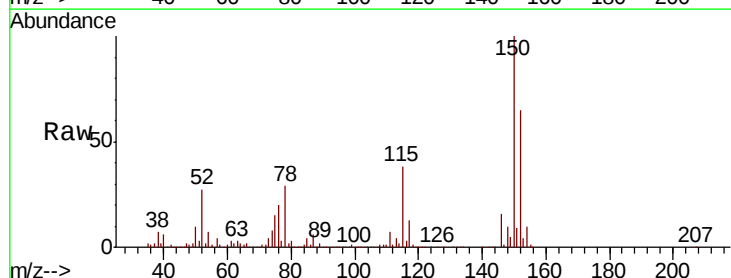
Tgt Ion:152 Resp: 301813

Ion Ratio Lower Upper

152 100

115 59.5 30.4 91.2

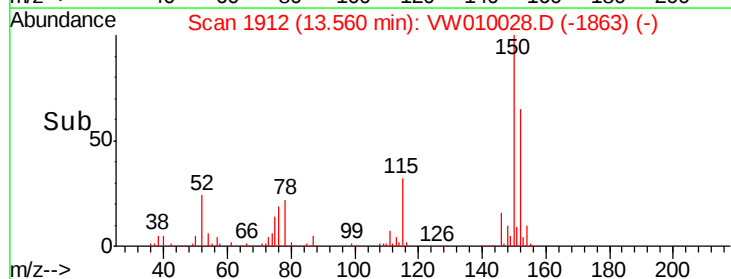
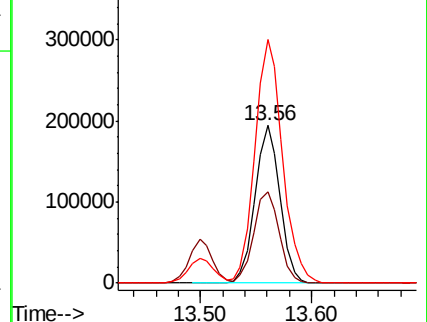
150 171.8 0.0 347.0

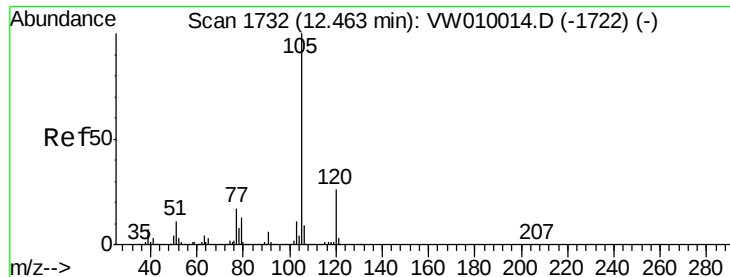


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.709 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

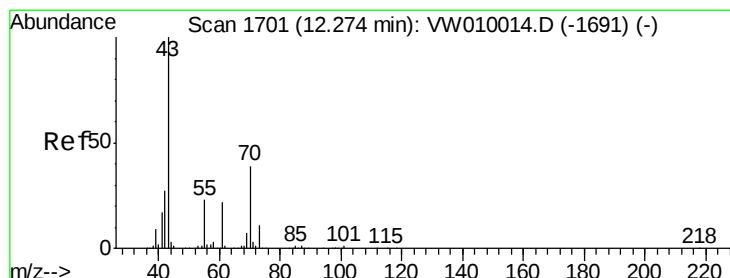
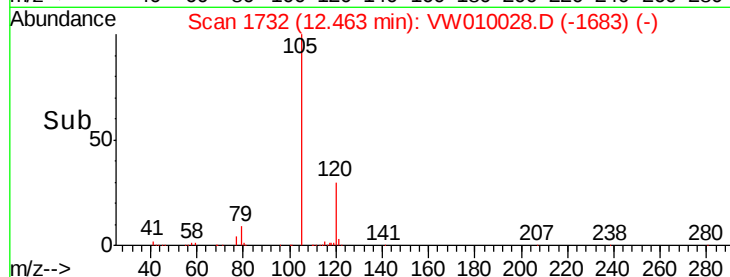
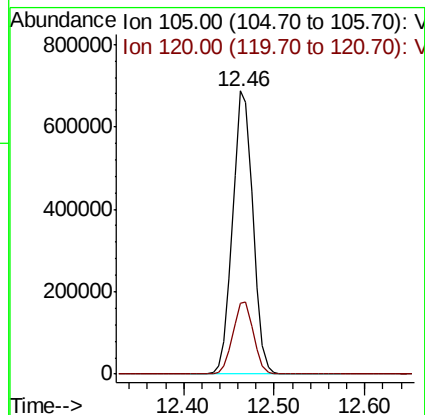
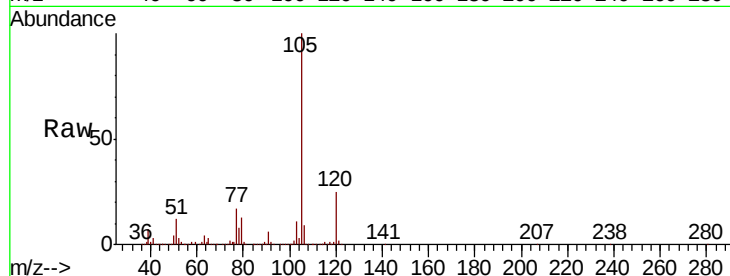
VSTDCCC050EC

Tgt Ion: 105 Resp: 1065171

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 59.376 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Tgt Ion: 43 Resp: 345396

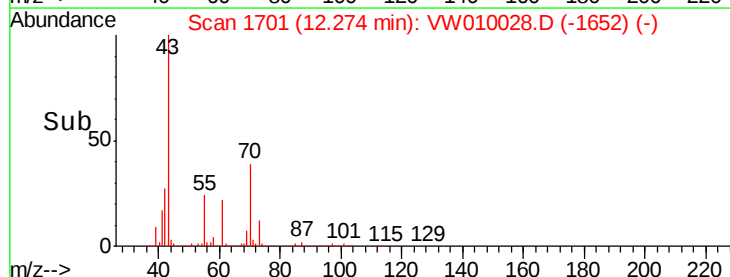
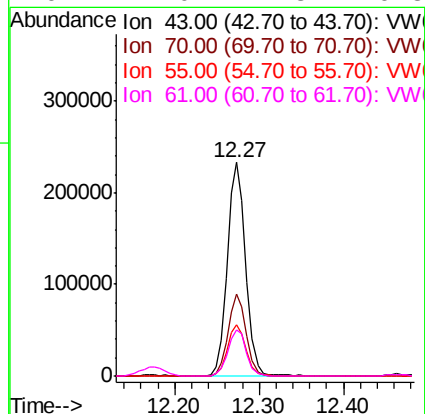
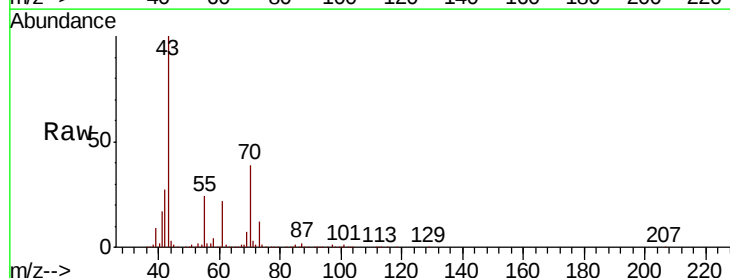
Ion Ratio Lower Upper

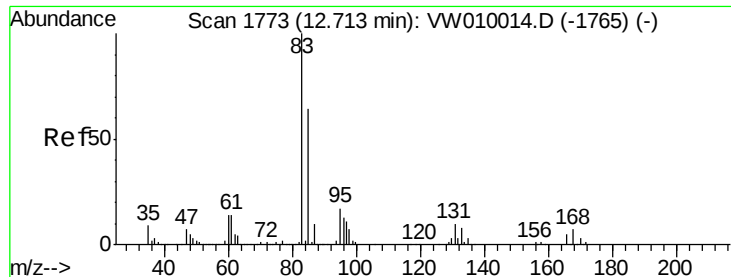
43 100

70 37.7 31.3 46.9

55 24.3 20.0 30.0

61 22.0 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.626 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

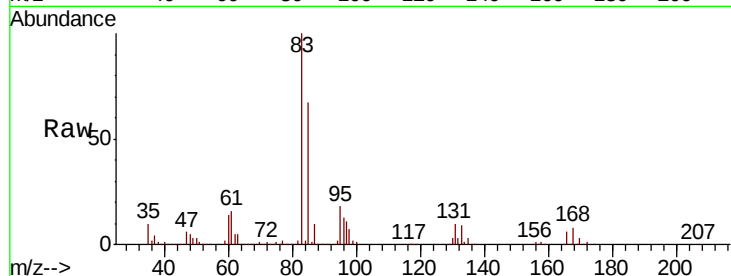
Tgt Ion: 83 Resp: 226697

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

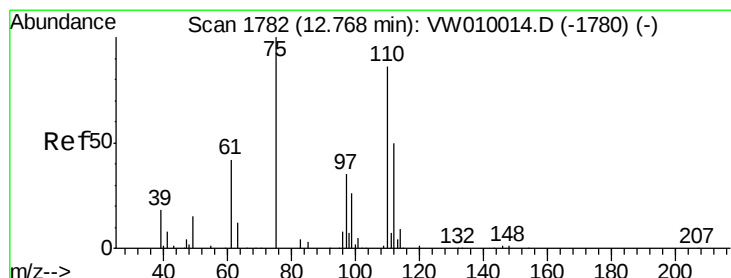
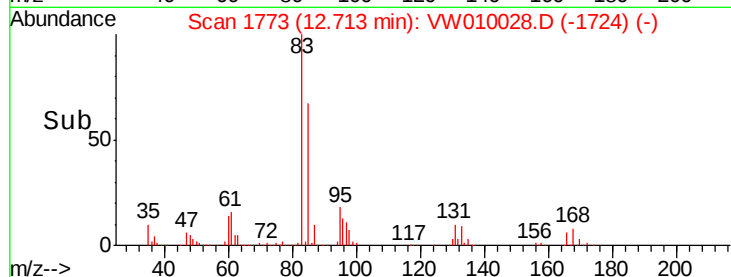
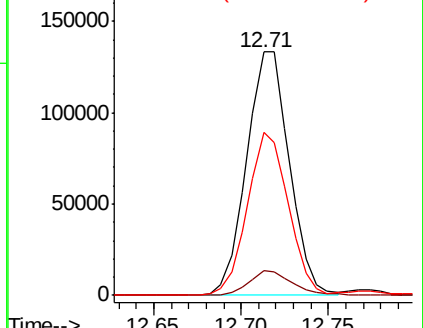
85 64.2 32.0 96.2



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: 100.510 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010028.D

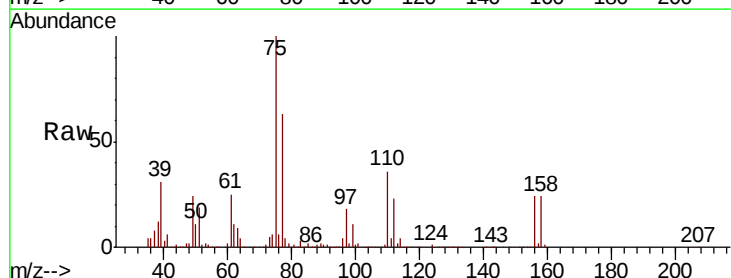
Acq: 17 Apr 2019 21:13

Tgt Ion: 75 Resp: 303610

Ion Ratio Lower Upper

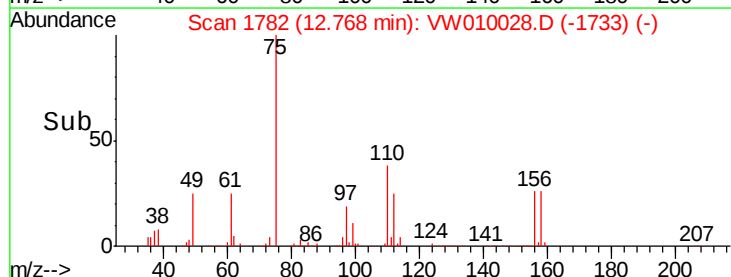
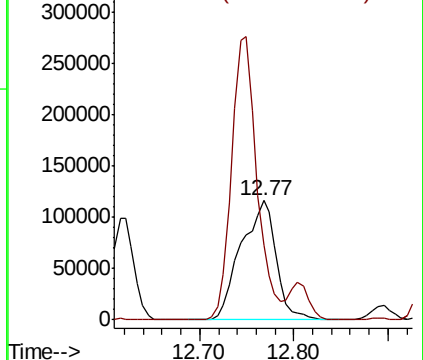
75 100

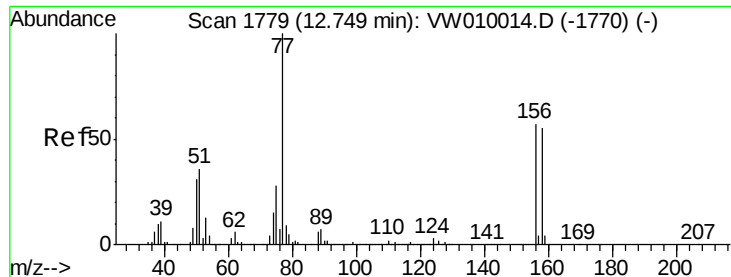
77 170.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.550 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

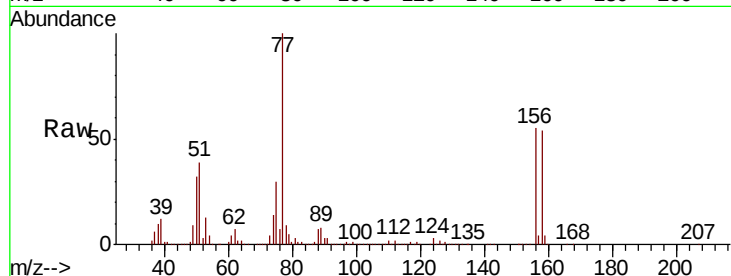
Tgt Ion:156 Resp: 249039

Ion Ratio Lower Upper

156 100

77 207.8 102.5 307.4

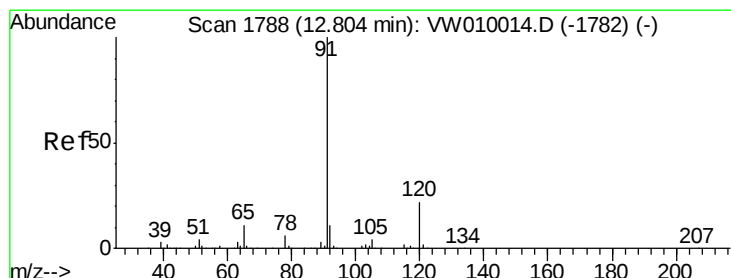
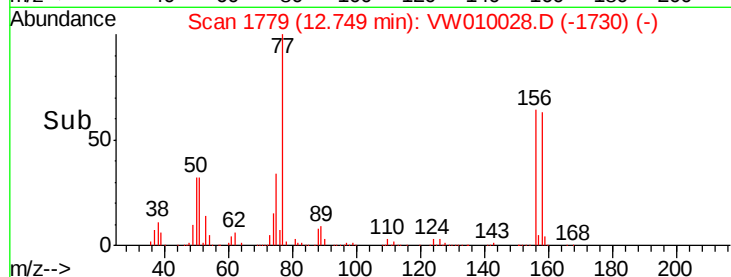
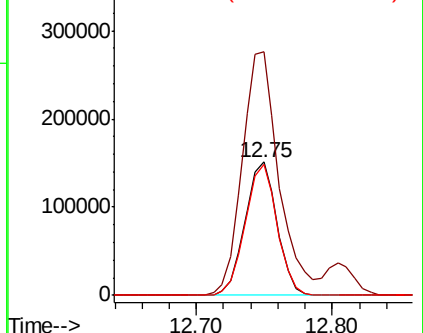
158 97.6 48.8 146.4



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: 50.621 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010028.D

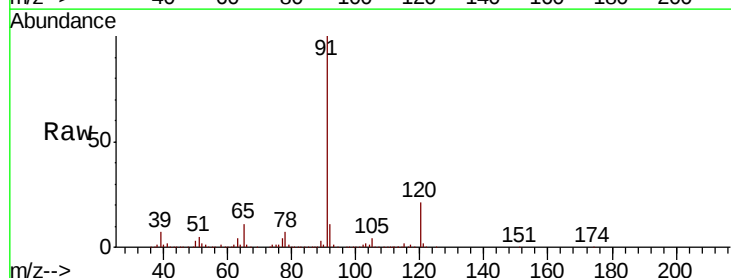
Acq: 17 Apr 2019 21:13

Tgt Ion: 91 Resp: 1317860

Ion Ratio Lower Upper

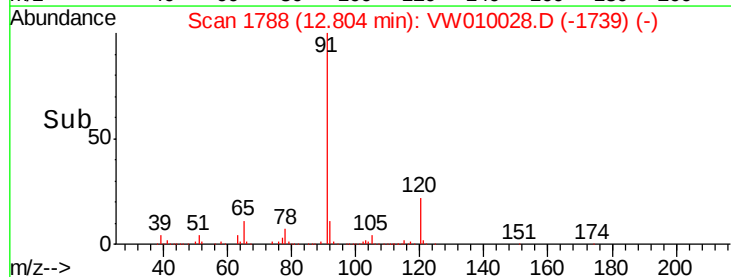
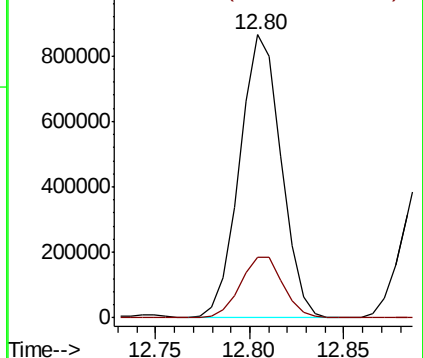
91 100

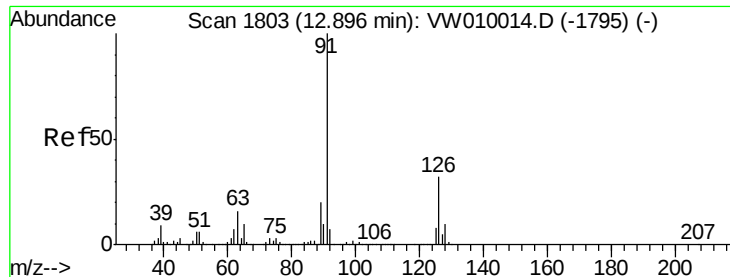
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.395 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

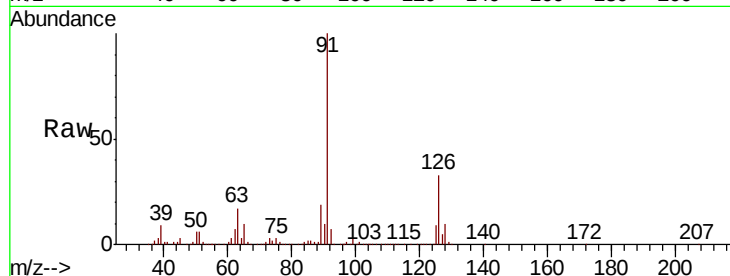
VSTDCCC050EC

Tgt Ion: 91 Resp: 754552

Ion Ratio Lower Upper

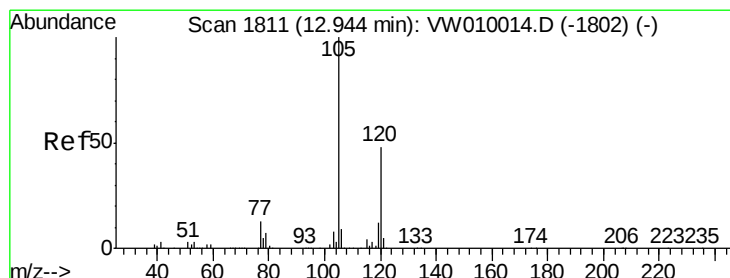
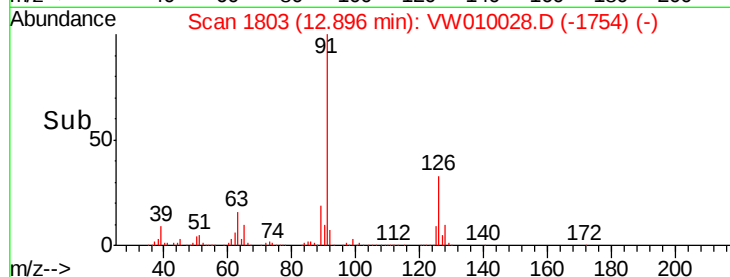
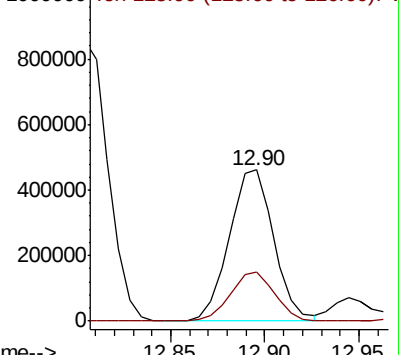
91 100

126 32.3 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: 51.826 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010028.D

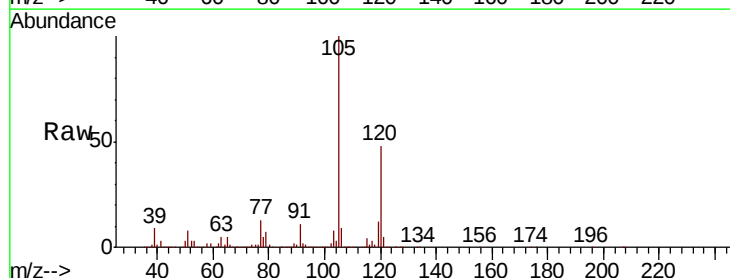
Acq: 17 Apr 2019 21:13

Tgt Ion: 105 Resp: 923021

Ion Ratio Lower Upper

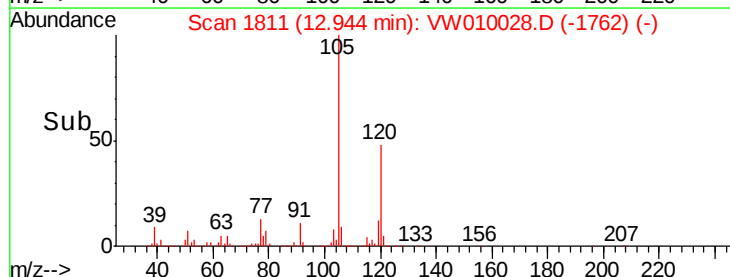
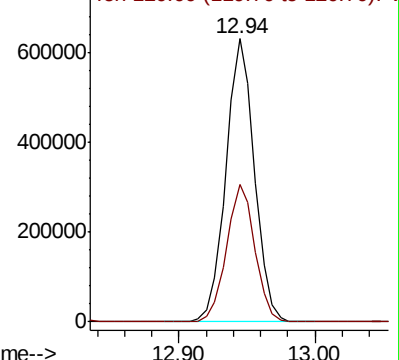
105 100

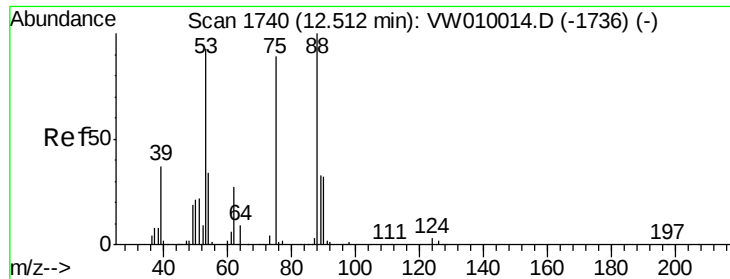
120 48.5 24.3 72.8



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: 57.973 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

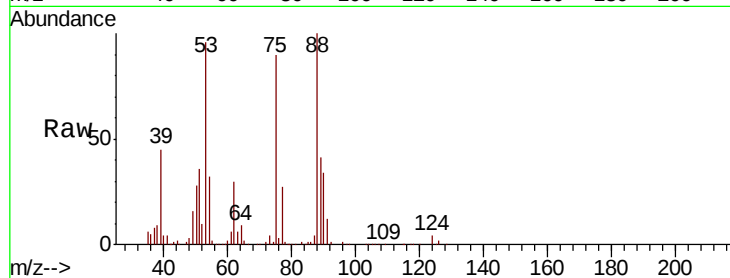
Tgt Ion: 75 Resp: 74267

Ion Ratio Lower Upper

75 100

53 113.2 89.8 134.8

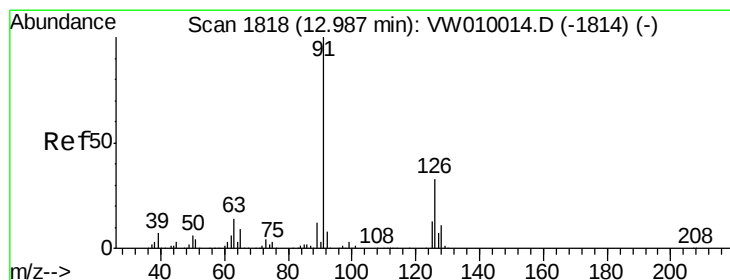
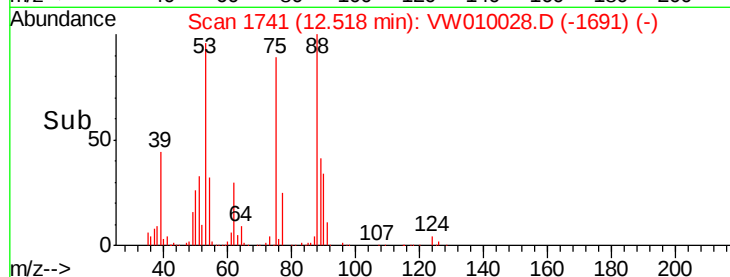
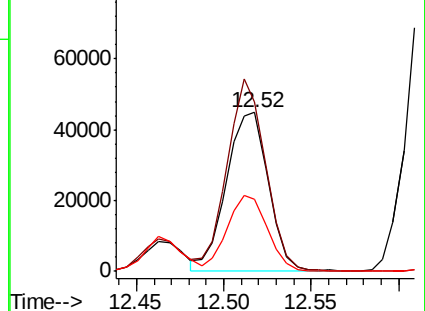
89 46.6 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 49.970 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW010028.D

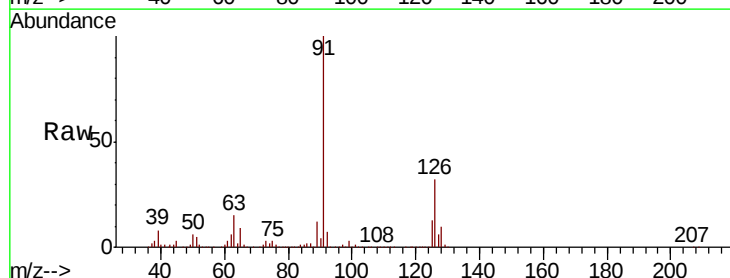
Acq: 17 Apr 2019 21:13

Tgt Ion: 91 Resp: 787442

Ion Ratio Lower Upper

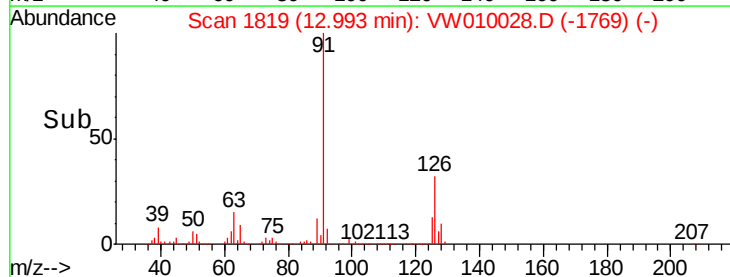
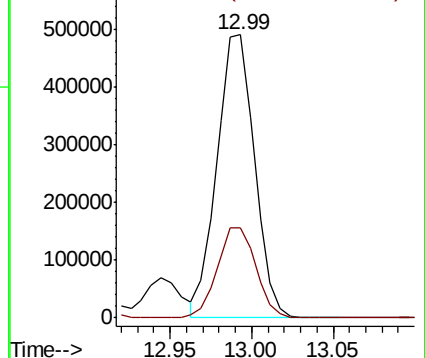
91 100

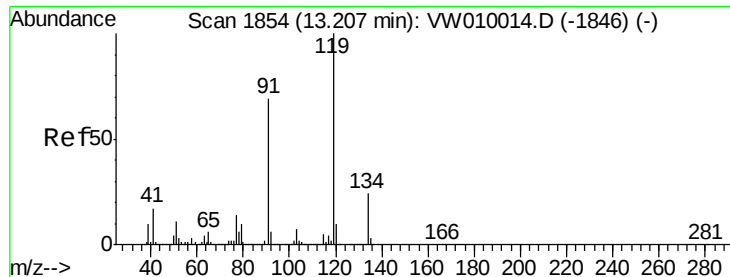
126 32.9 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

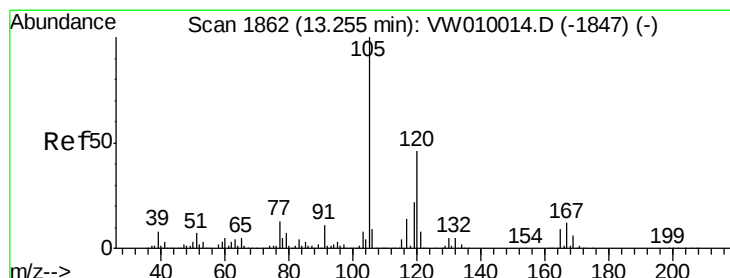
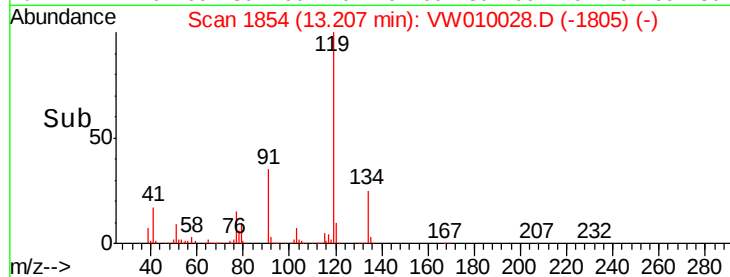
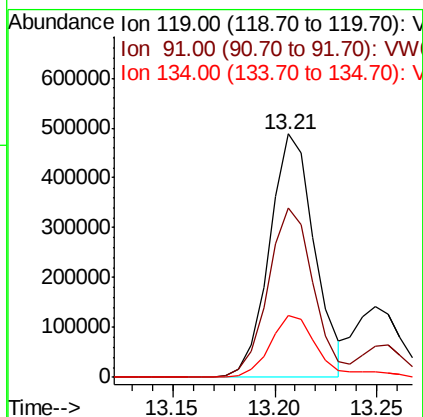
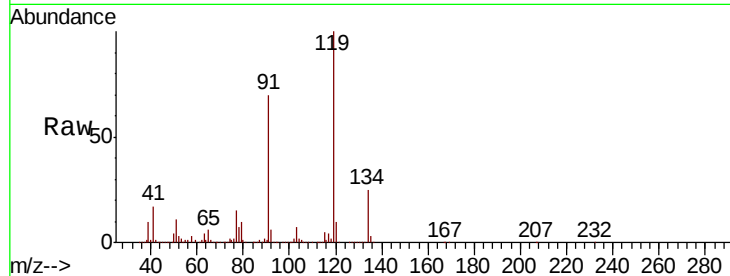




#83
 tert-Butylbenzene
 Concen: 51.008 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

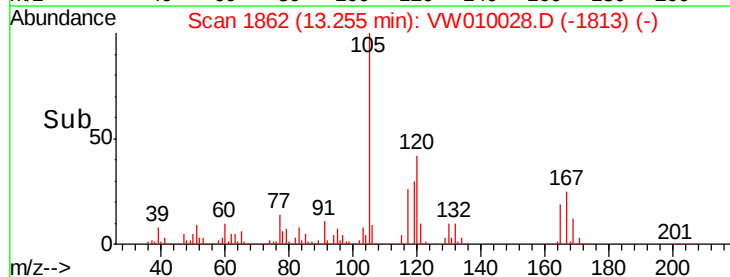
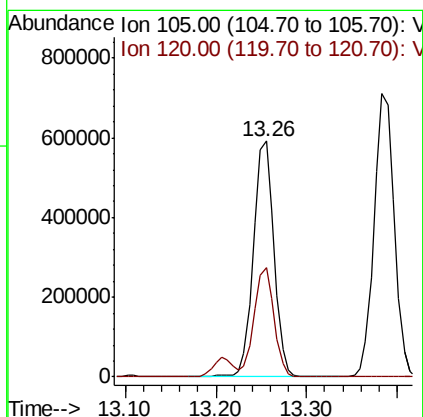
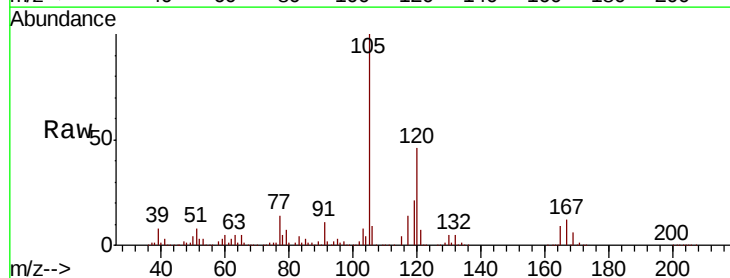
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

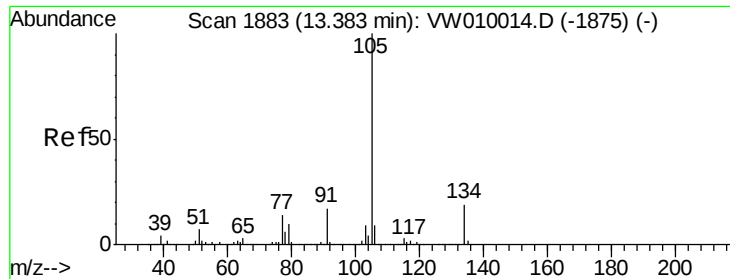
Tgt Ion:119 Resp: 752307
 Ion Ratio Lower Upper
 119 100
 91 70.6 34.8 104.4
 134 27.3 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.305 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion:105 Resp: 926425
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7

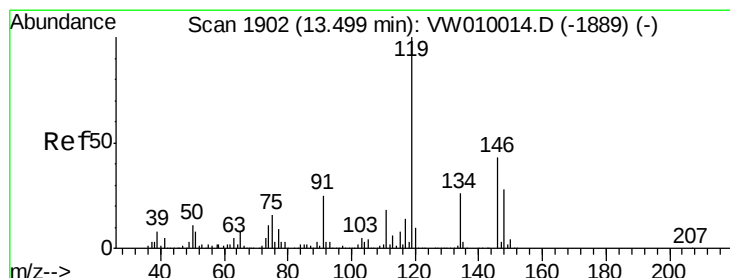
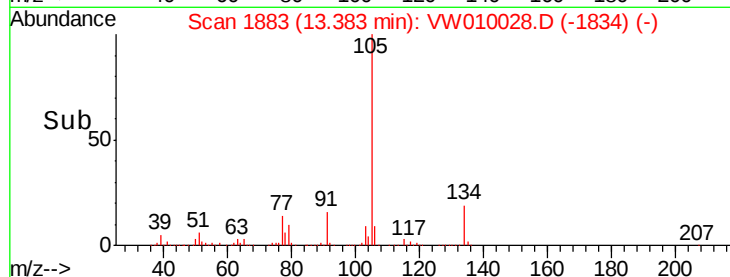
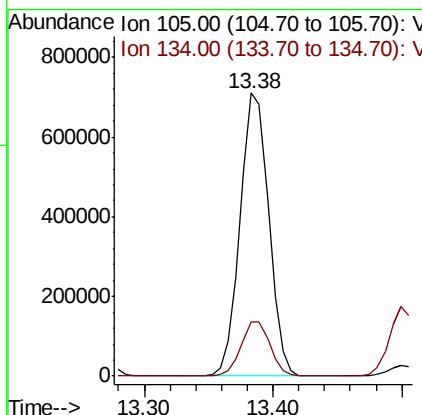
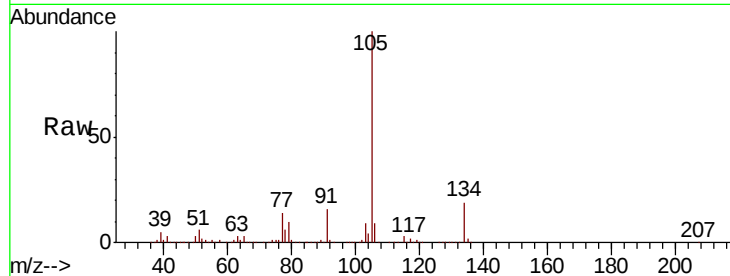




#85
 sec-Butylbenzene
 Concen: 49.602 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

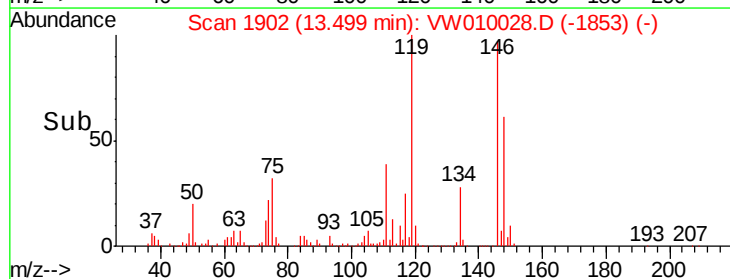
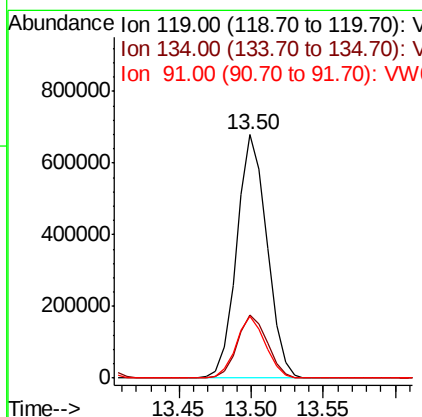
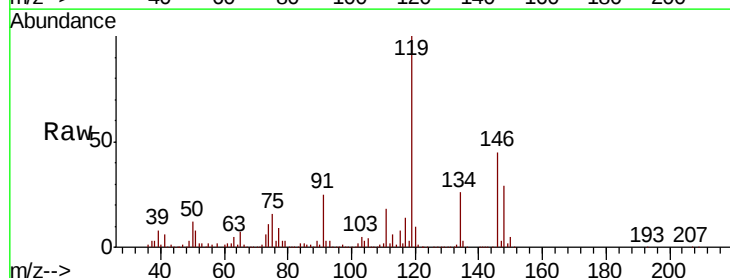
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

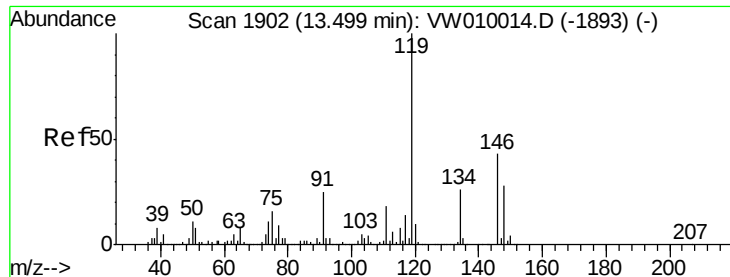
Tgt Ion:105 Resp: 1093257
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.903 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion:119 Resp: 988870
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.7 12.3 36.9

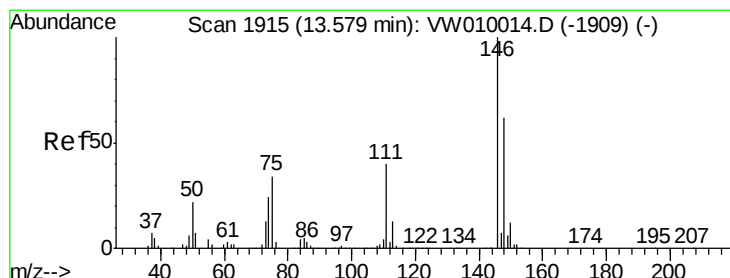
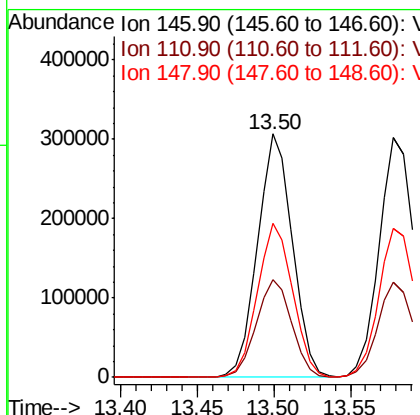
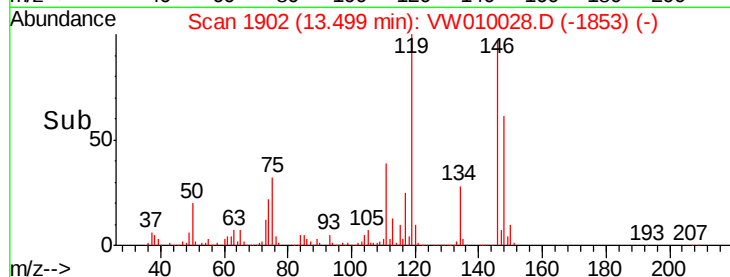
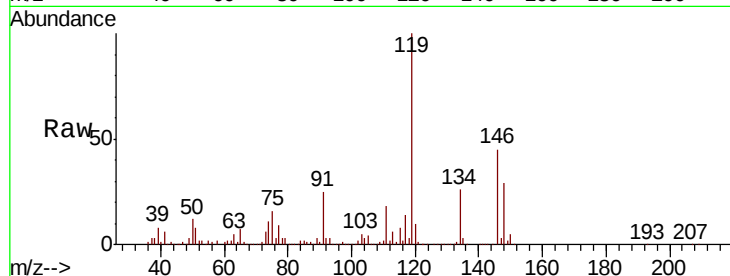




#87
 1,3-Dichlorobenzene
 Concen: 49.949 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

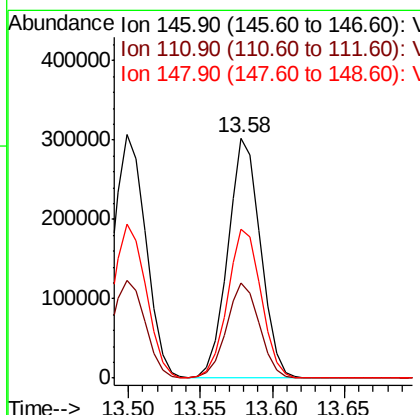
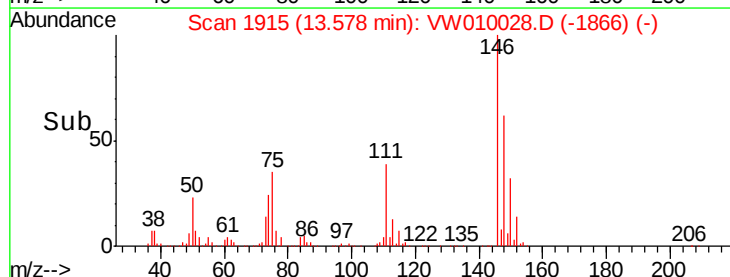
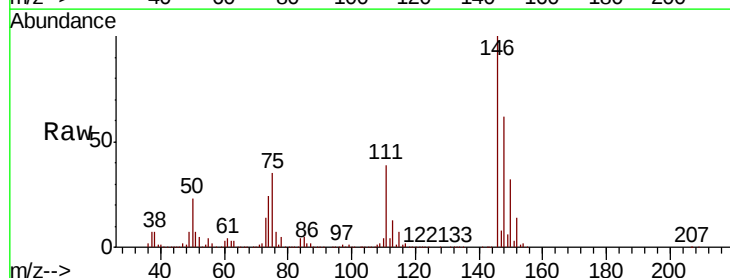
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

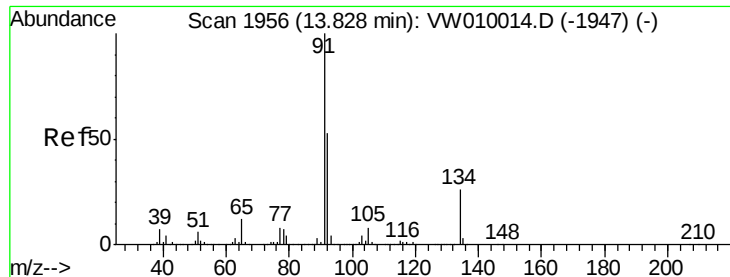
Tgt Ion:146 Resp: 487788
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.208 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion:146 Resp: 479658
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.3
 148 63.8 31.8 95.3





#89

n-Butylbenzene

Concen: 50.980 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

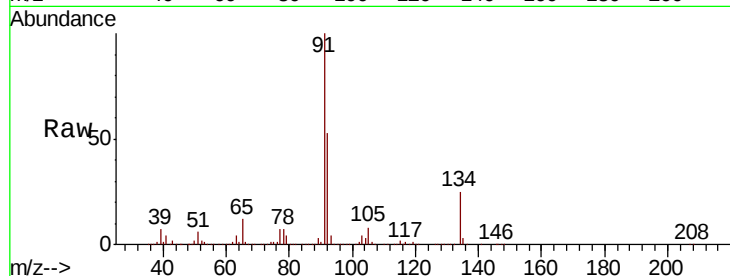
Tgt Ion: 91 Resp: 981187

Ion Ratio Lower Upper

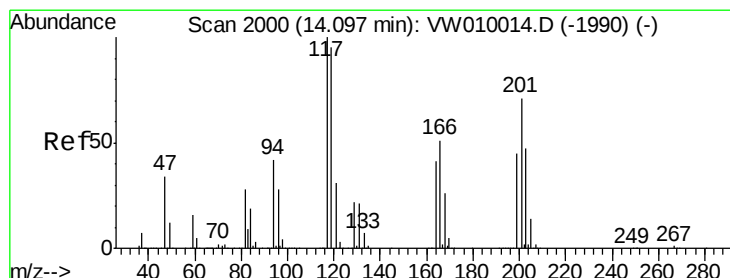
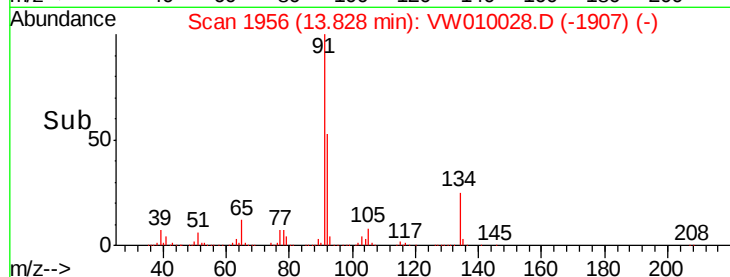
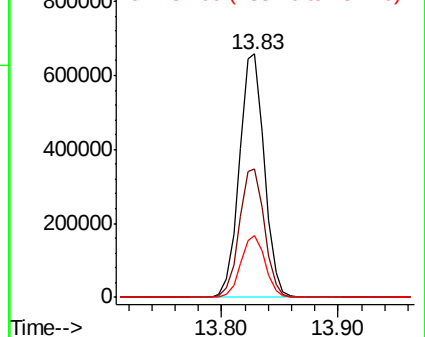
91 100

92 53.3 26.5 79.4

134 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.950 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010028.D

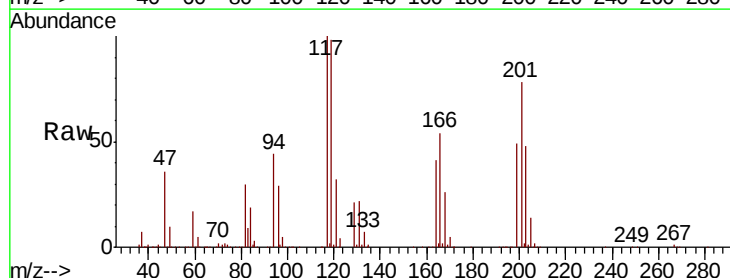
Acq: 17 Apr 2019 21:13

Tgt Ion: 117 Resp: 182136

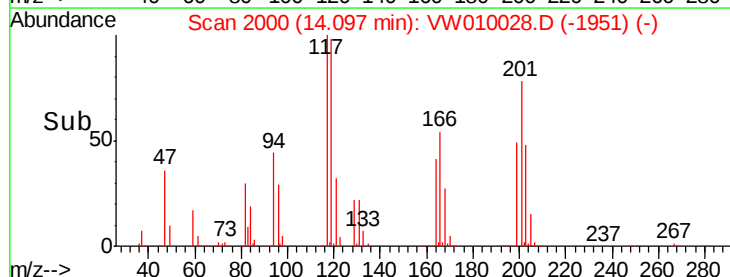
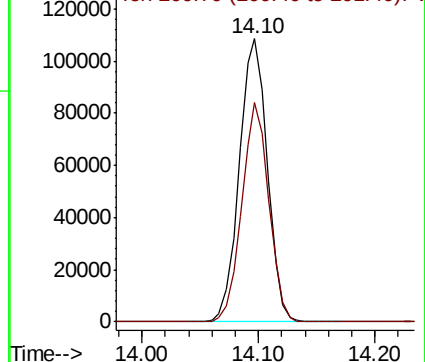
Ion Ratio Lower Upper

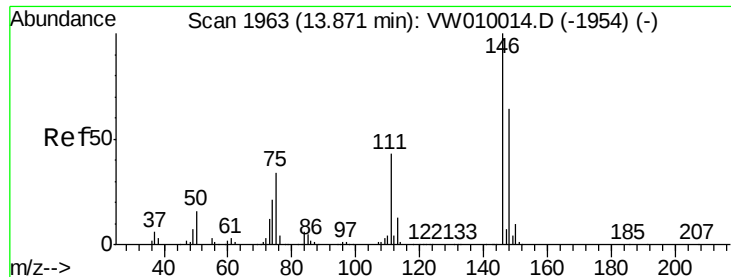
117 100

201 74.7 36.1 108.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.638 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

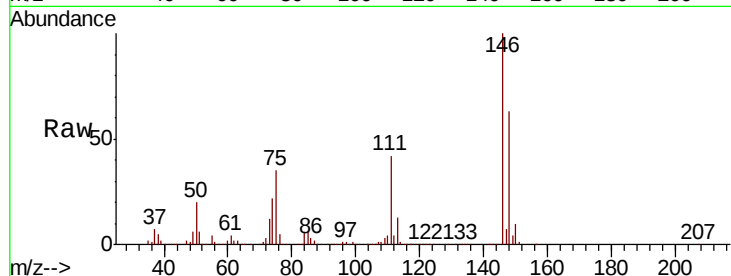
Tgt Ion:146 Resp: 443394

Ion Ratio Lower Upper

146 100

111 42.7 20.9 62.8

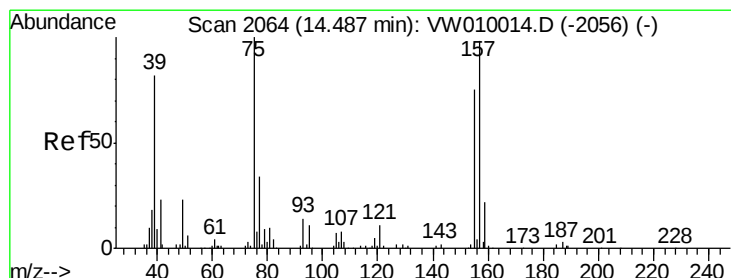
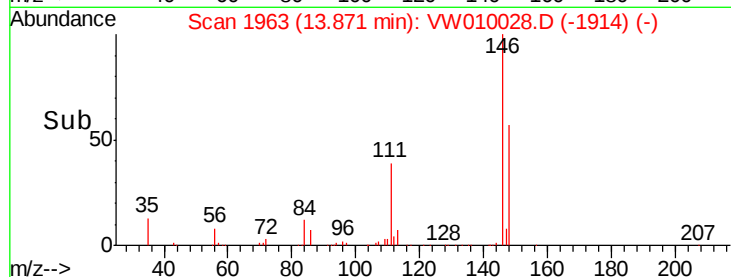
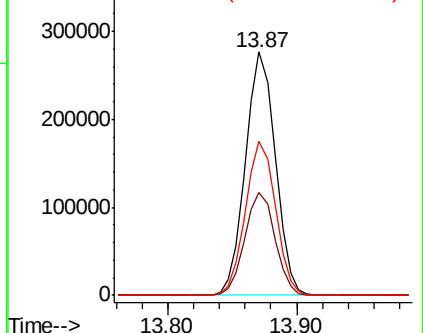
148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.834 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010028.D

Acq: 17 Apr 2019 21:13

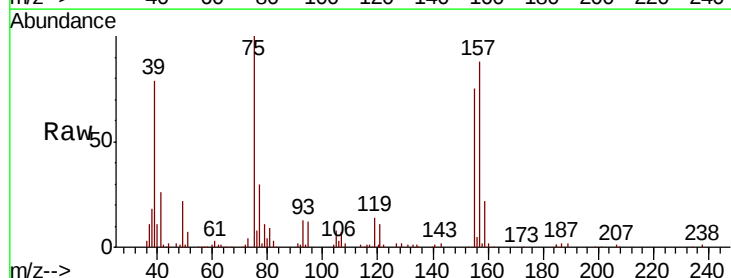
Tgt Ion: 75 Resp: 42952

Ion Ratio Lower Upper

75 100

155 75.6 37.1 111.5

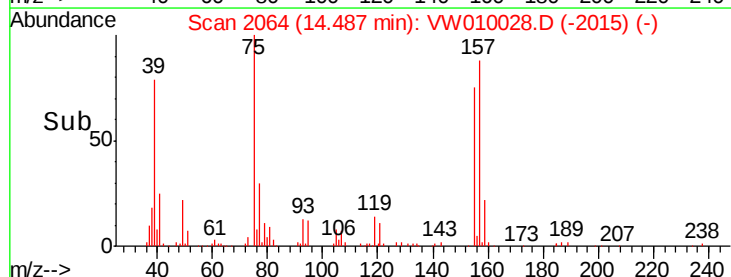
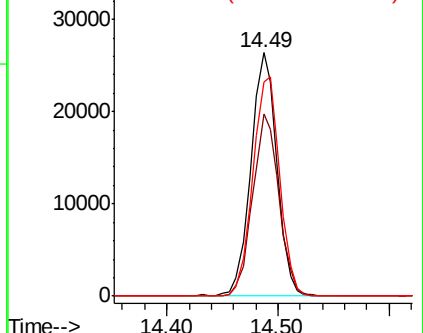
157 93.1 47.3 141.9

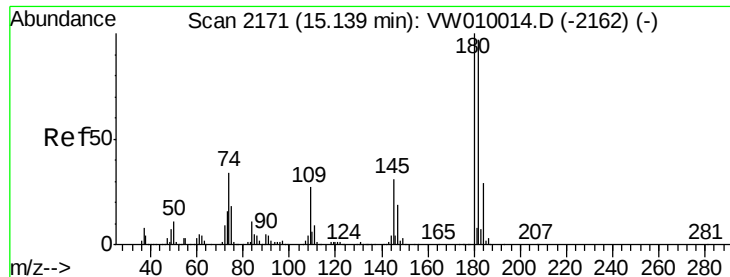


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

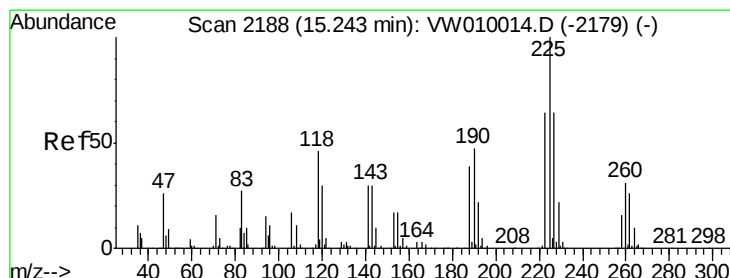
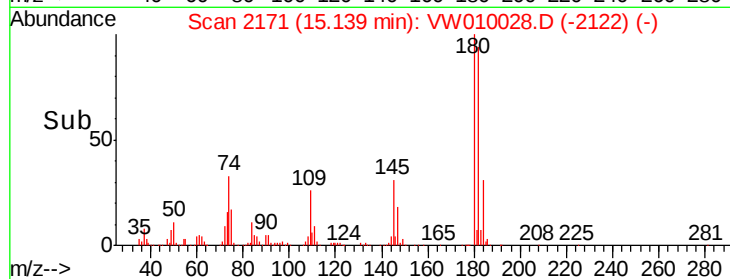
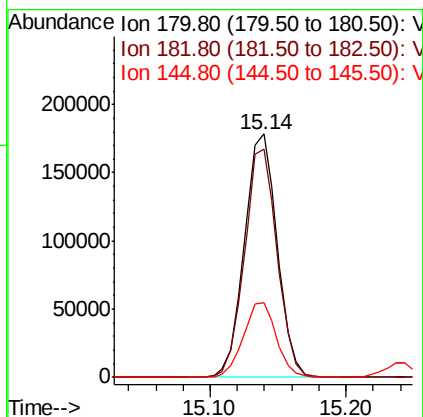
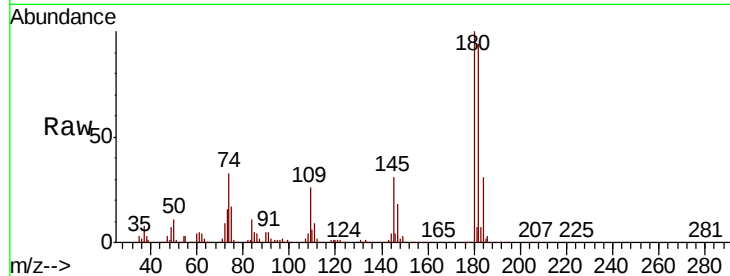




#93
 1,2,4-Trichlorobenzene
 Concen: 51.984 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

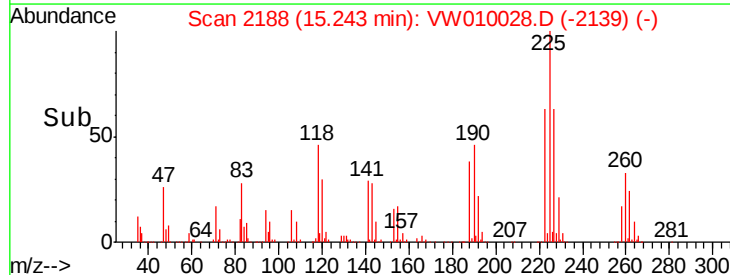
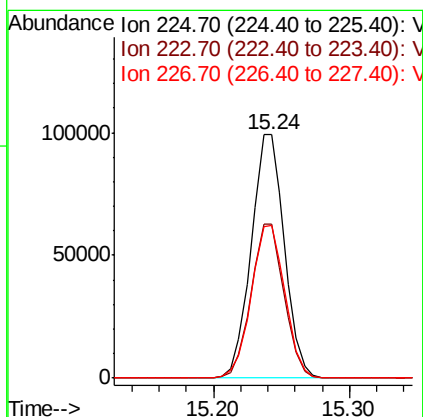
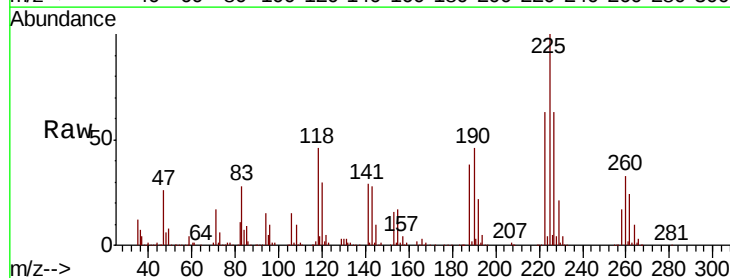
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

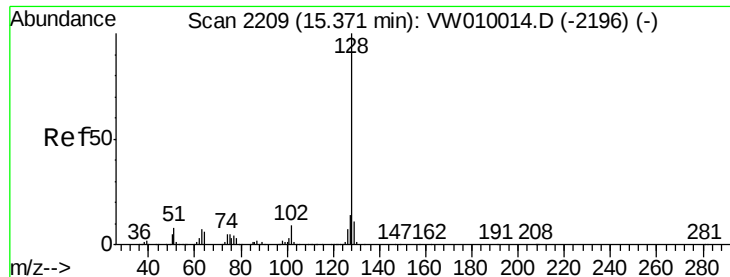
Tgt Ion:180 Resp: 300291
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.1 141.4
 145 31.0 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 48.415 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010028.D
 Acq: 17 Apr 2019 21:13

Tgt Ion:225 Resp: 169837
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.5
 227 63.9 31.8 95.3

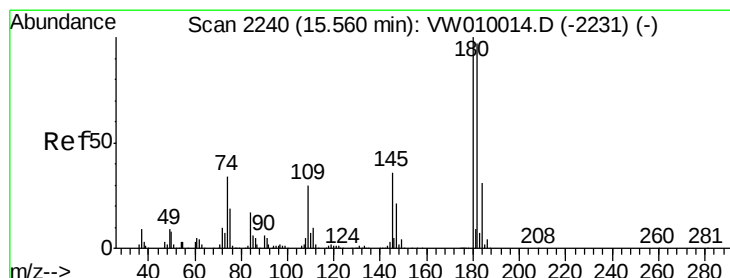
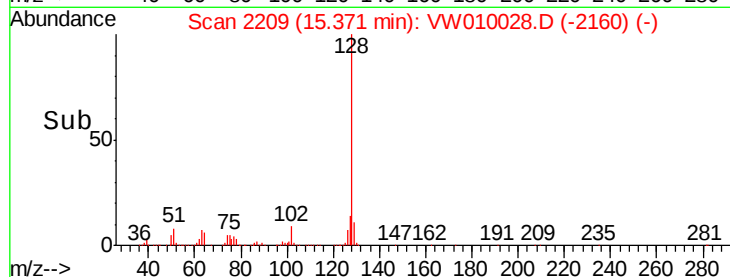
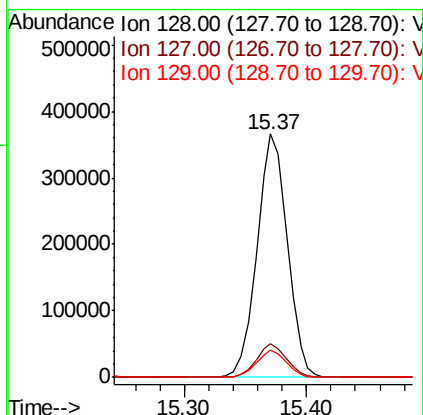
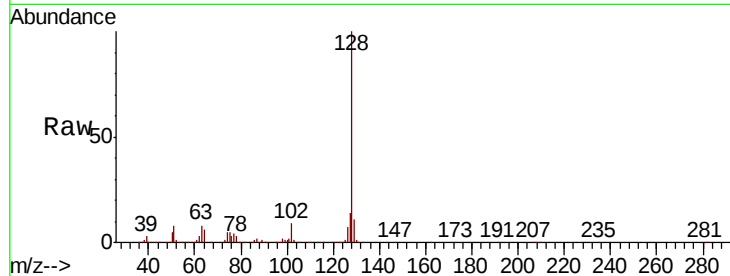




#95
Naphthalene
Concen: 54.833 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 631953
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.979 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010028.D
Acq: 17 Apr 2019 21:13

Tgt Ion:180 Resp: 270529
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 33.1 16.4 49.2

