

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
 Data File : VW013069.D
 Acq On : 17 Sep 2019 04:56
 Operator : SY/VA
 Sample : K4851-03MSD
 Misc : 5.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Quant Time: Sep 17 07:29:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	469384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	190123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146415	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	7.88	113	120438	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.32	98	506853	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	173416	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57545	52.412	ug/l	98
3) Chloromethane	2.21	50	83169	61.080	ug/l	98
4) Vinyl Chloride	2.36	62	105595	51.218	ug/l	97
5) Bromomethane	2.78	94	62970	50.015	ug/l	98
6) Chloroethane	2.92	64	69349	54.845	ug/l	96
7) Trichlorofluoromethane	3.25	101	59706	41.413	ug/l	100
8) Diethyl Ether	3.68	74	65027	57.764	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110847	50.693	ug/l	99
10) Methyl Iodide	4.27	142	153717	56.172	ug/l	97
11) Tert butyl alcohol	5.18	59	48886	274.314	ug/l	98
12) 1,1-Dichloroethene	4.04	96	106781	53.708	ug/l	94
13) Acrolein	3.92	56	224	Below Cal	#	14
14) Allyl chloride	4.67	41	205602	54.472	ug/l	94
15) Acrylonitrile	5.37	53	171916	299.003	ug/l	99
16) Acetone	4.12	43	180281	317.604	ug/l	98
17) Carbon Disulfide	4.38	76	202348	51.071	ug/l	98
18) Methyl Acetate	4.67	43	233291	153.928	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	243656	62.084	ug/l	95
20) Methylene Chloride	4.92	84	132574	63.039	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	115533	54.256	ug/l	95
22) Diisopropyl ether	6.31	45	479222	61.116	ug/l	93
23) Vinyl Acetate	6.31	43	252189	53.699	ug/l	# 76
24) 1,1-Dichloroethane	6.21	63	262261	58.010	ug/l	99
25) 2-Butanone	7.17	43	250197	295.781	ug/l	100
26) 2,2-Dichloropropane	7.17	77	131236	45.336	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	146454	57.447	ug/l	96
28) Bromochloromethane	7.51	49	122214	64.226	ug/l	98
29) Tetrahydrofuran	7.52	42	152771	316.972	ug/l	97
30) Chloroform	7.67	83	264297	57.535	ug/l	96
31) Cyclohexane	7.95	56	192037	57.198	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	201502	53.266	ug/l	98
36) 1,1-Dichloropropene	8.08	75	177845	47.415	ug/l	99
37) Ethyl Acetate	7.25	43	55716	27.986	ug/l	# 83
38) Carbon Tetrachloride	8.07	117	175707	45.713	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
 Data File : VW013069.D
 Acq On : 17 Sep 2019 04:56
 Operator : SY/VA
 Sample : K4851-03MSD
 Misc : 5.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Quant Time: Sep 17 07:29:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	188098	45.765	ug/l	99
40) Benzene	8.32	78	537258	51.310	ug/l	100
41) Methacrylonitrile	7.48	41	67283	51.319	ug/l	98
42) 1,2-Dichloroethane	8.40	62	172229	49.067	ug/l	99
43) Isopropyl Acetate	8.42	43	132878	34.762	ug/l	94
44) Trichloroethene	9.09	130	183645	64.031	ug/l	93
45) 1,2-Dichloropropane	9.37	63	148292	53.305	ug/l	100
46) Dibromomethane	9.46	93	69146	51.879	ug/l	98
47) Bromodichloromethane	9.64	83	192752	51.557	ug/l	99
48) Methyl methacrylate	9.43	41	107753	60.064	ug/l	96
49) 1,4-Dioxane	9.46	88	21261	951.983	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	549106	278.241	ug/l	99
52) Toluene	10.38	92	339665	51.049	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	183981	48.931	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	215028	49.982	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	108437	53.406	ug/l	98
56) Ethyl methacrylate	10.65	69	126447	46.266	ug/l	98
57) 1,3-Dichloropropane	10.93	76	194115	53.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	404015	275.576	ug/l	99
59) 2-Hexanone	10.96	43	380278	276.734	ug/l	100
60) Dibromochloromethane	11.13	129	127450	51.919	ug/l	98
61) 1,2-Dibromoethane	11.23	107	97169	52.460	ug/l	99
64) Tetrachloroethene	10.86	164	220411	90.914	ug/l	97
65) Chlorobenzene	11.66	112	367198	50.586	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	142097	51.082	ug/l	99
67) Ethyl Benzene	11.73	91	677074	50.504	ug/l	99
68) m/p-Xylenes	11.83	106	489472	99.943	ug/l	99
69) o-Xylene	12.16	106	232077	50.545	ug/l	98
70) Styrene	12.18	104	419598	51.372	ug/l	99
71) Bromoform	12.35	173	73633	50.393	ug/l	98
73) Isopropylbenzene	12.46	105	665042	52.773	ug/l	100
74) N-amyl acetate	12.27	43	53541	16.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	84580	38.213	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	158688	95.289	ug/l #	100
77) Bromobenzene	12.74	156	154445	53.199	ug/l	99
78) n-propylbenzene	12.80	91	762034	51.407	ug/l	100
79) 2-Chlorotoluene	12.89	91	445922	52.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	546258	51.238	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34066	46.404	ug/l	97
82) 4-Chlorotoluene	12.99	91	456007	50.718	ug/l	99
83) tert-Butylbenzene	13.21	119	490357	51.421	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	547594	51.979	ug/l	98
85) sec-Butylbenzene	13.38	105	662940	51.026	ug/l	99
86) p-Isopropyltoluene	13.49	119	600328	50.327	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	290378	50.526	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	286751	50.774	ug/l	99
89) n-Butylbenzene	13.82	91	535392	47.592	ug/l	99
90) Hexachloroethane	14.09	117	109819	51.374	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	267535	52.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21381	52.774	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
Data File : VW013069.D
Acq On : 17 Sep 2019 04:56
Operator : SY/VA
Sample : K4851-03MSD
Misc : 5.97G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Quant Time: Sep 17 07:29:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

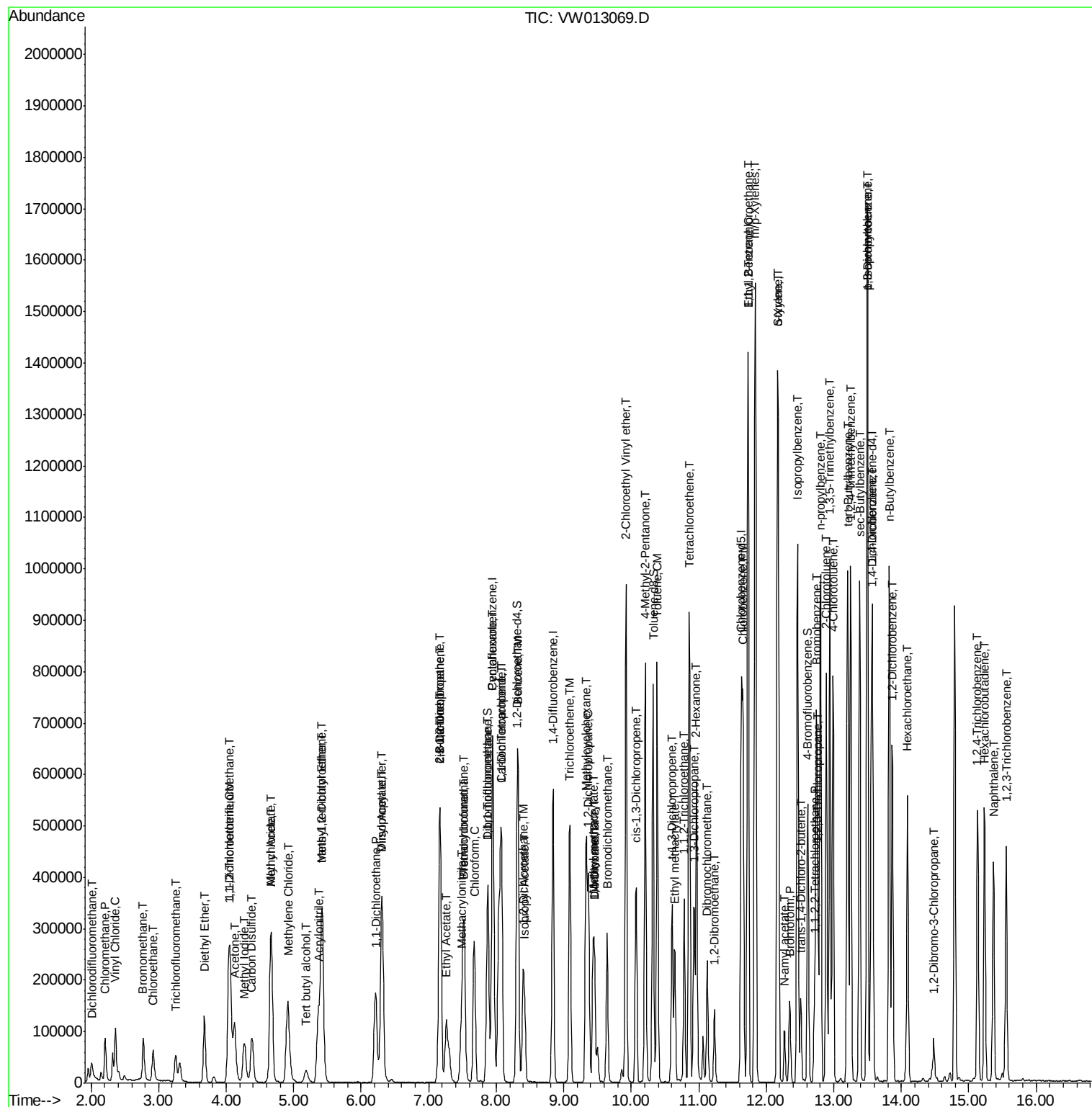
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	183209	50.830	ug/l	99
94) Hexachlorobutadiene	15.23	225	114656	44.935	ug/l	98
95) Naphthalene	15.36	128	360608	59.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	166028	52.109	ug/l	99

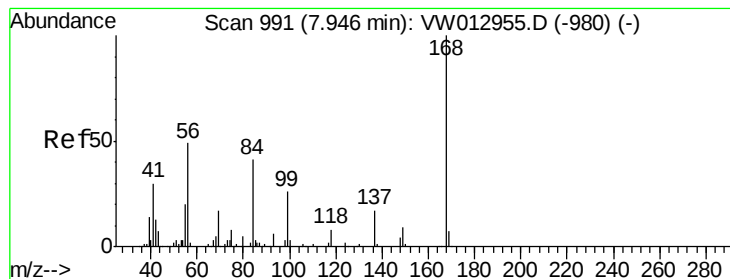
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
 Data File : VW013069.D
 Acq On : 17 Sep 2019 04:56
 Operator : SY/VA
 Sample : K4851-03MSD
 Misc : 5.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sample ID :
 SB-3C-(9)MSD

Quant Time: Sep 17 07:29:37 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

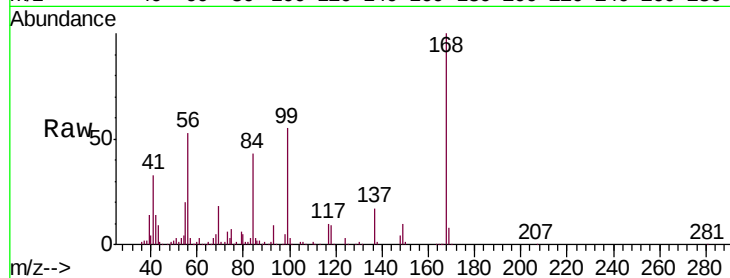
SB-3C-(9)MSD

Tgt Ion:168 Resp: 288036

Ion Ratio Lower Upper

168 100

99 54.6 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

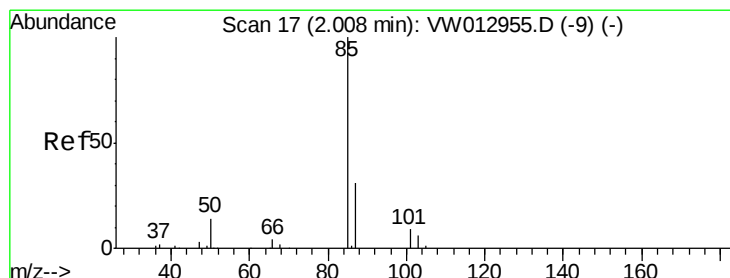
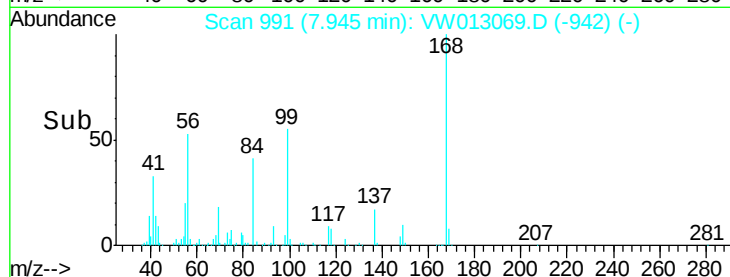
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 52.412 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013069.D

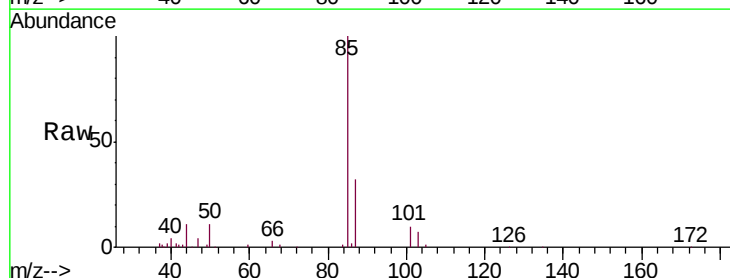
Acq: 17 Sep 2019 04:56

Tgt Ion: 85 Resp: 57545

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

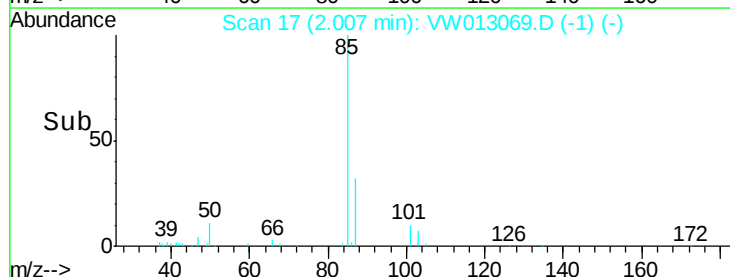
15000

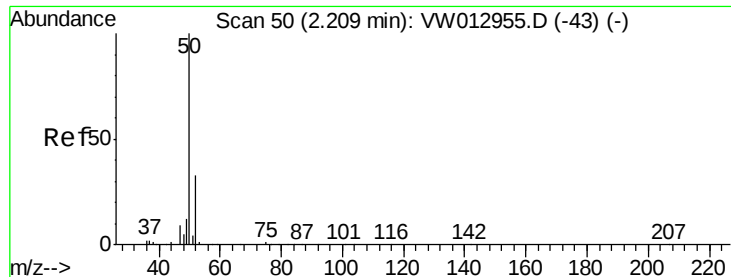
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 61.080 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

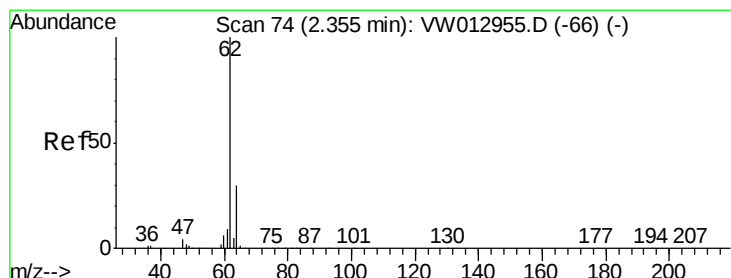
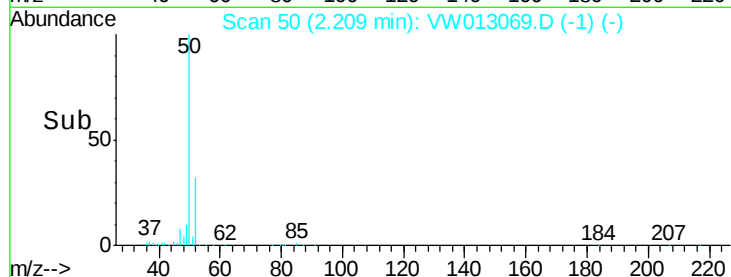
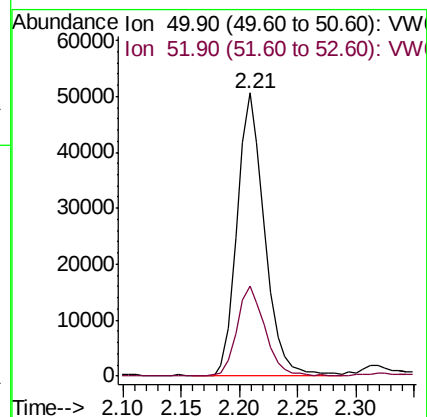
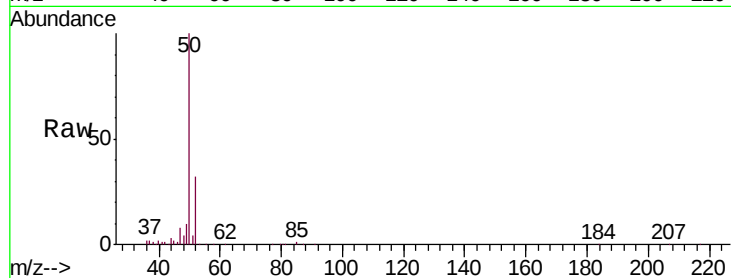
SB-3C-(9)MSD

Tgt Ion: 50 Resp: 83169

Ion Ratio Lower Upper

50 100

52 32.0 26.6 39.8



#4

Vinyl Chloride

Concen: 51.218 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013069.D

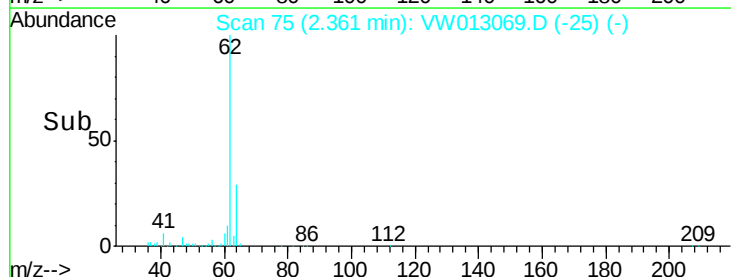
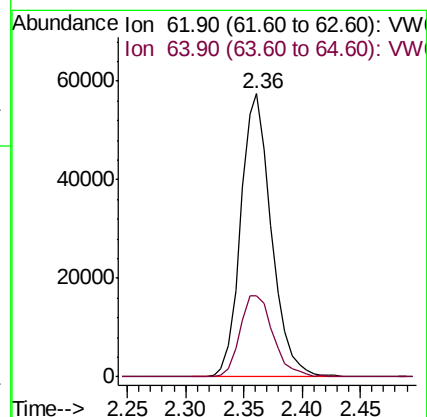
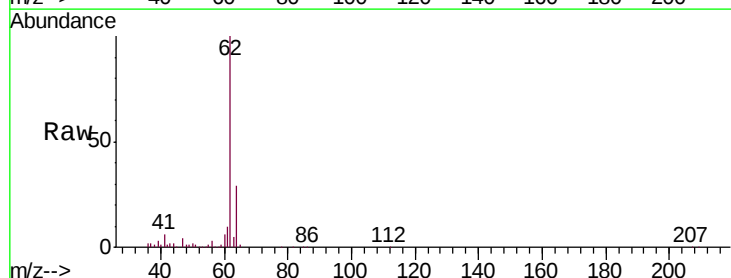
Acq: 17 Sep 2019 04:56

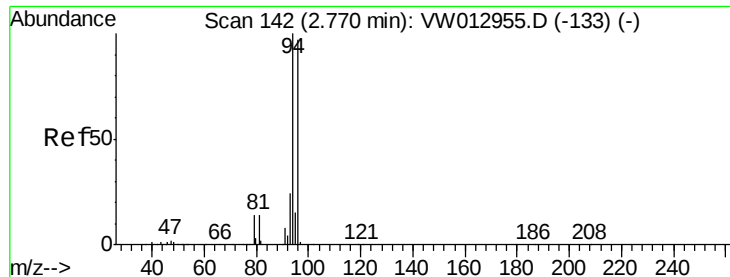
Tgt Ion: 62 Resp: 105595

Ion Ratio Lower Upper

62 100

64 28.6 24.2 36.4





#5

Bromomethane

Concen: 50.015 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

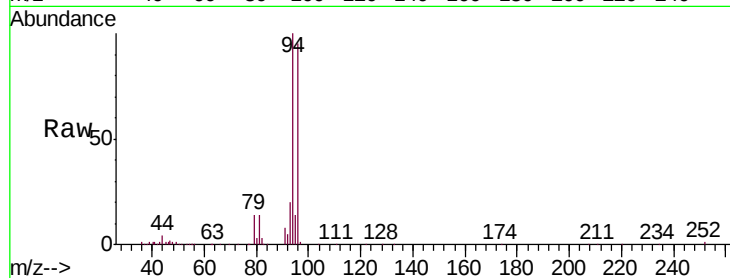
SB-3C-(9)MSD

Tgt Ion: 94 Resp: 62970

Ion Ratio Lower Upper

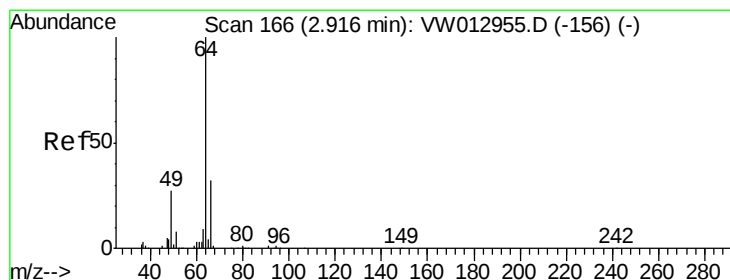
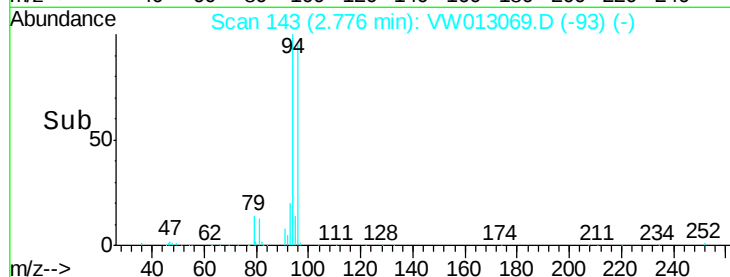
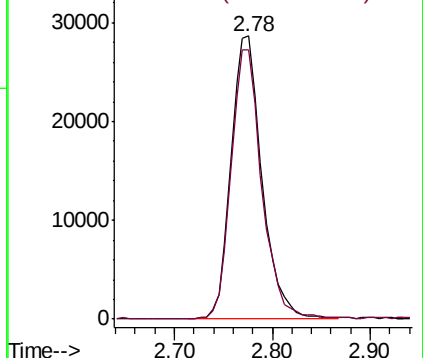
94 100

96 95.3 77.8 116.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 54.845 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW013069.D

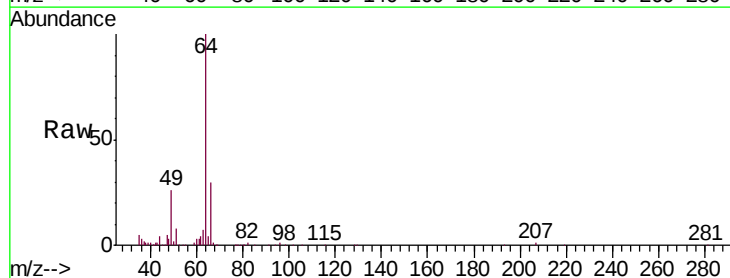
Acq: 17 Sep 2019 04:56

Tgt Ion: 64 Resp: 69349

Ion Ratio Lower Upper

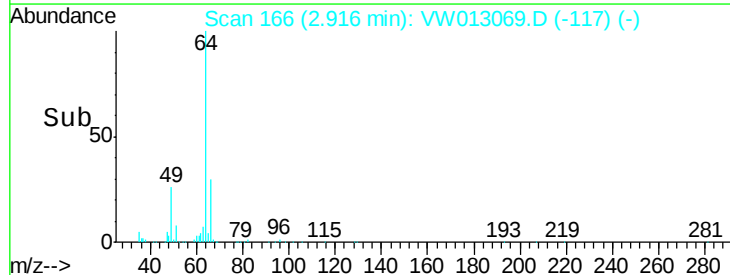
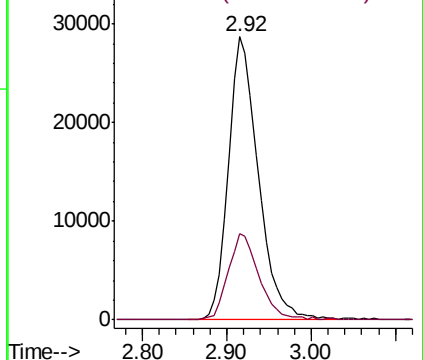
64 100

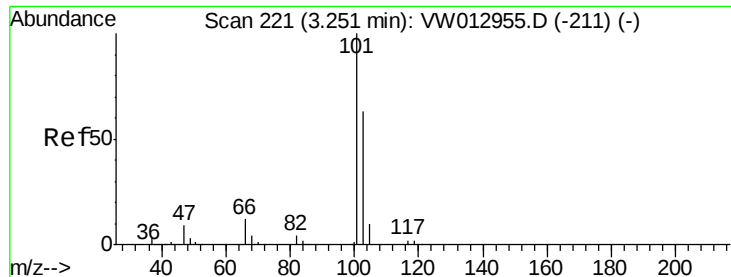
66 30.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



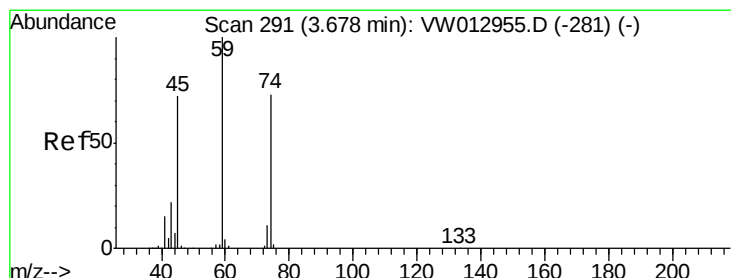
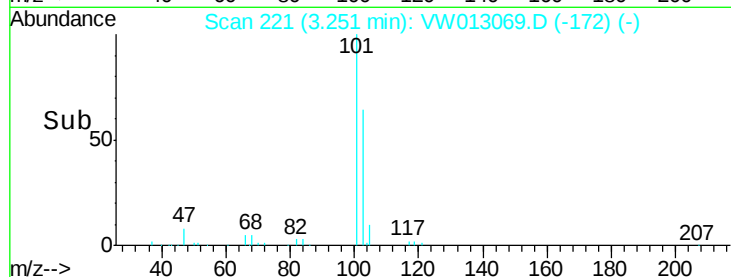
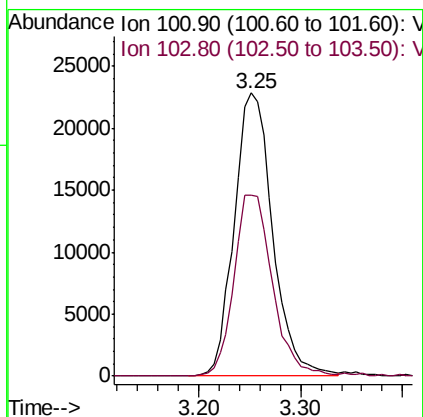
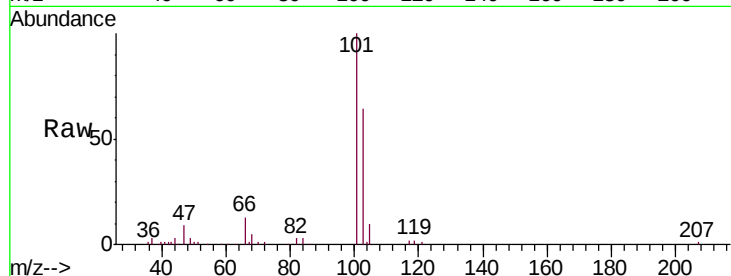


#7

Trichlorofluoromethane
 Concen: 41.413 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

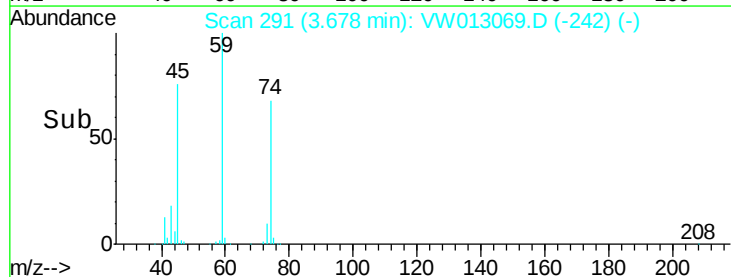
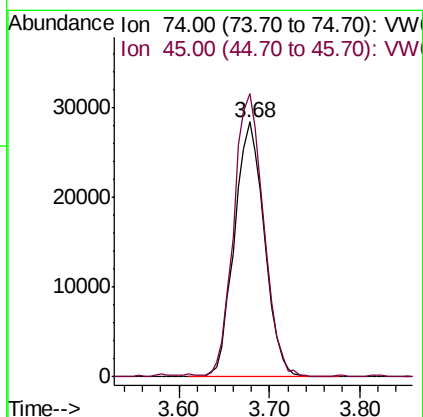
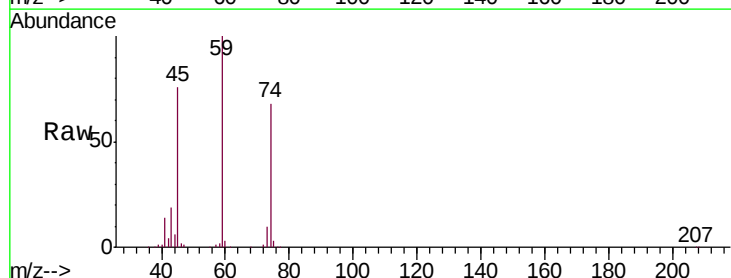
Tgt Ion:101 Resp: 59706
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1

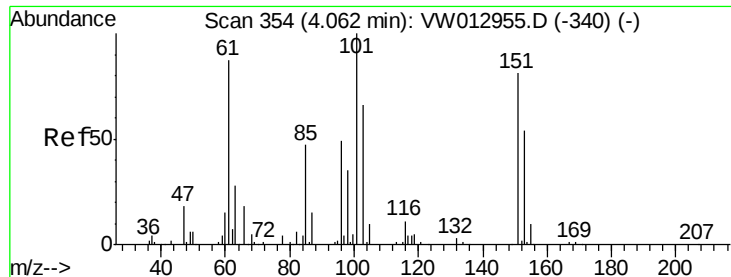


#8

Diethyl Ether
 Concen: 57.764 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 74 Resp: 65027
 Ion Ratio Lower Upper
 74 100
 45 110.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.693 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

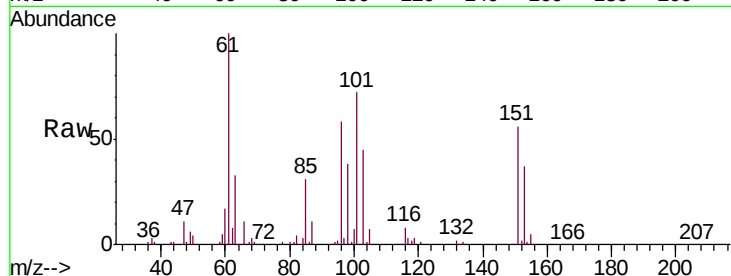
Tgt Ion:101 Resp: 110847

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

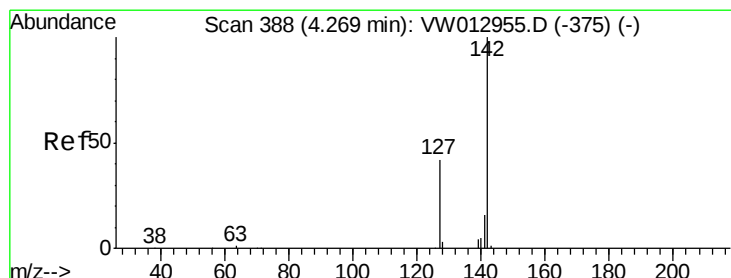
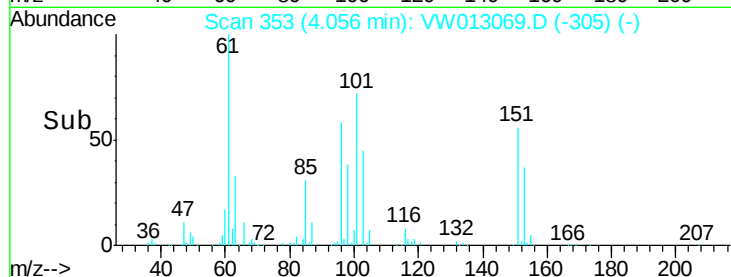
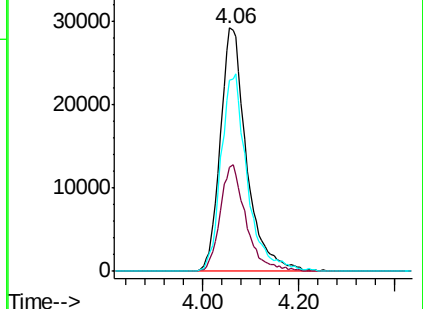
151 81.2 66.0 99.0



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: 56.172 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

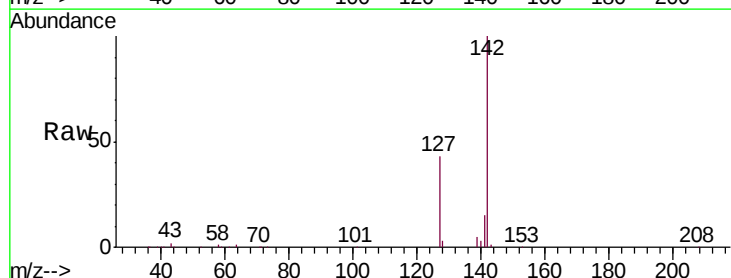
Tgt Ion:142 Resp: 153717

Ion Ratio Lower Upper

142 100

127 40.9 34.7 52.1

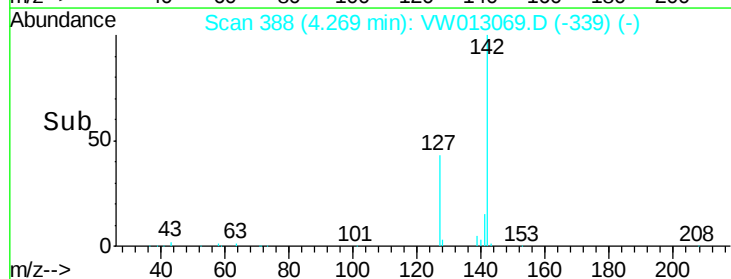
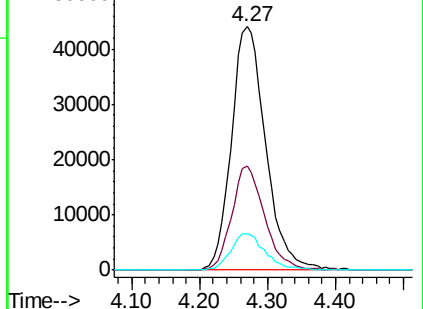
141 15.0 12.2 18.2

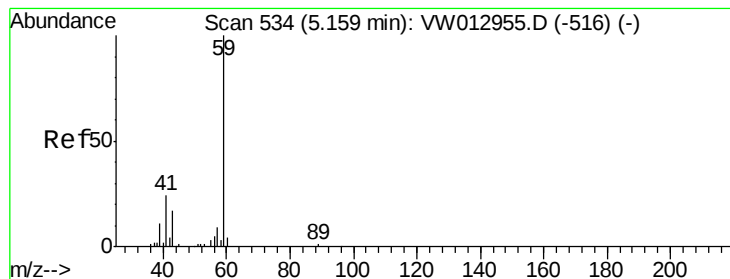


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



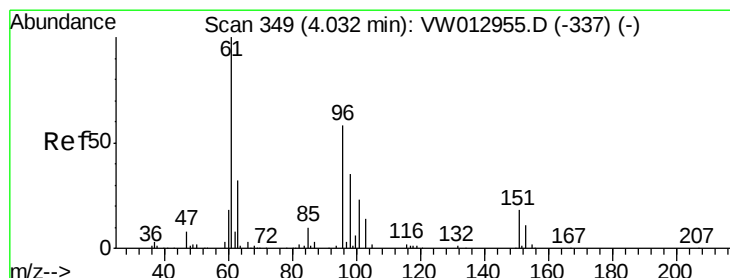
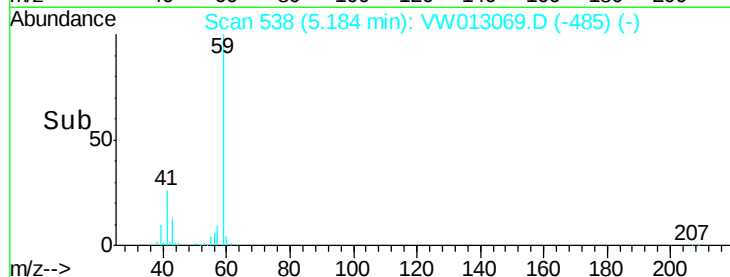
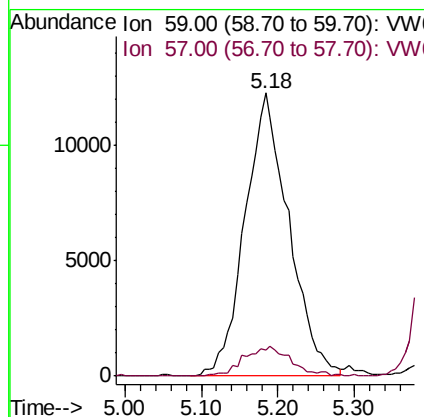
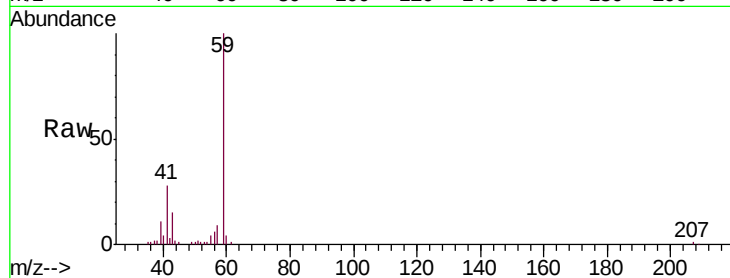


#11

Tert butyl alcohol
 Concen: 274.314 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.02 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampled :
 SB-3C-(9)MSD

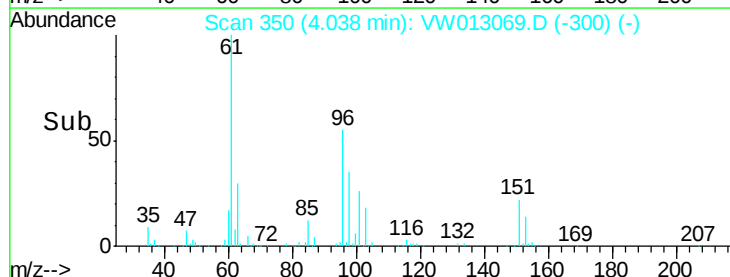
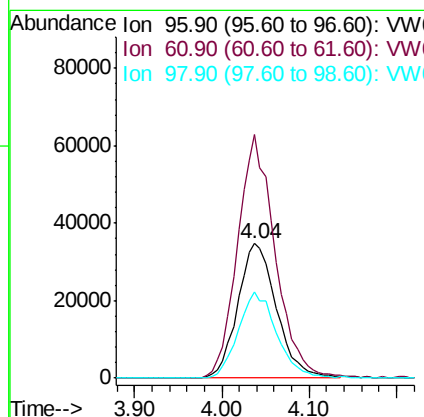
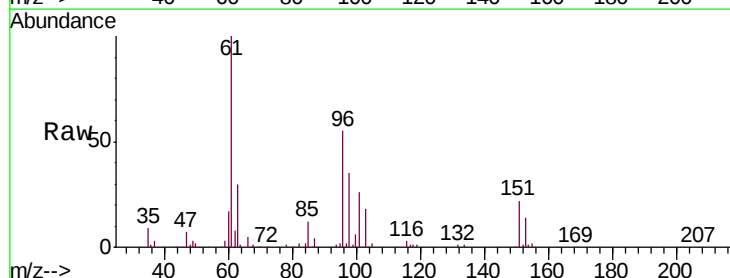
Tgt Ion: 59 Resp: 48886
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.5 12.7

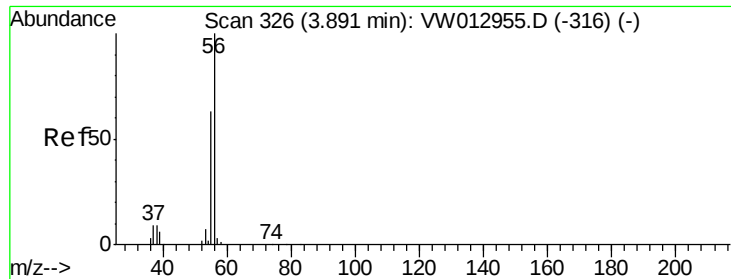


#12

1,1-Dichloroethene
 Concen: 53.708 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 96 Resp: 106781
 Ion Ratio Lower Upper
 96 100
 61 181.3 137.9 206.9
 98 64.3 48.9 73.3





#13

Acrolein

Concen: Below Cal

RT: 3.92 min Scan# 330

Delta R.T. 0.02 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

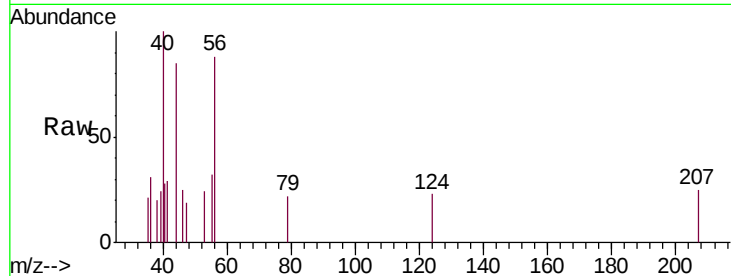
SB-3C-(9)MSD

Tgt Ion: 56 Resp: 224

Ion Ratio Lower Upper

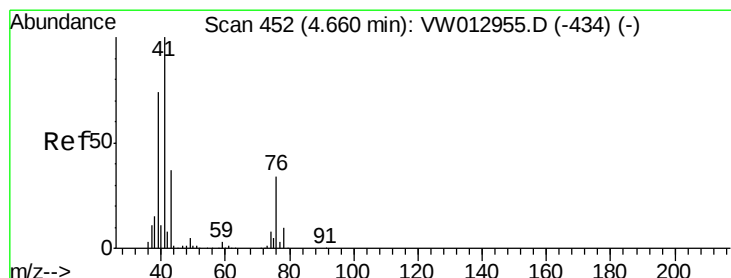
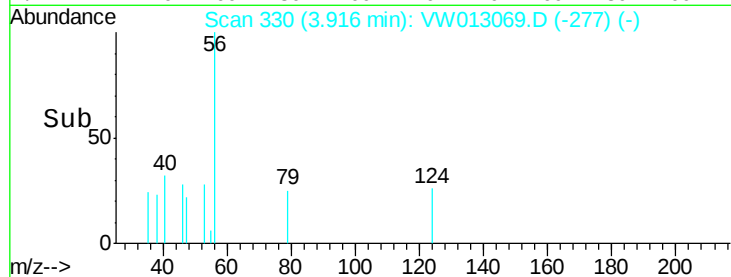
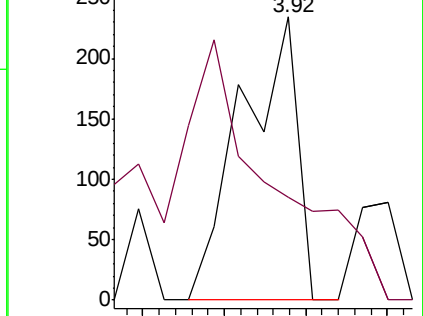
56 100

55 140.6 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 54.472 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

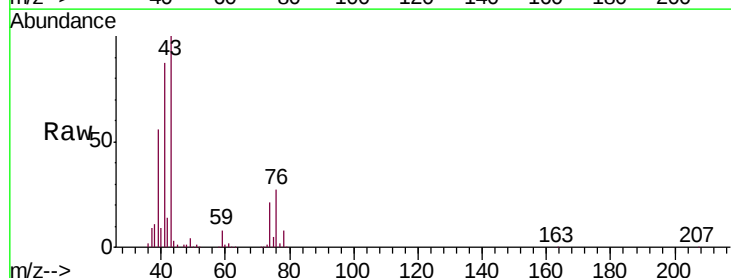
Tgt Ion: 41 Resp: 205602

Ion Ratio Lower Upper

41 100

39 64.4 56.7 85.1

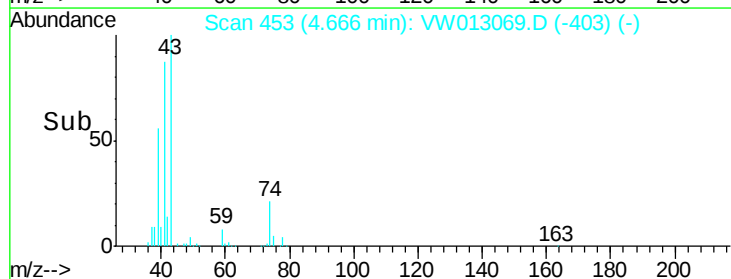
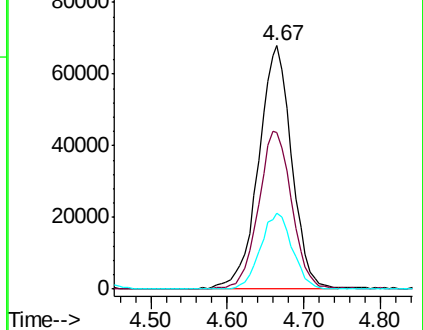
76 30.1 25.1 37.7

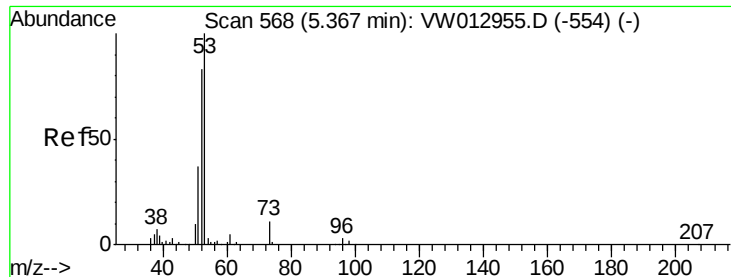


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 299.003 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

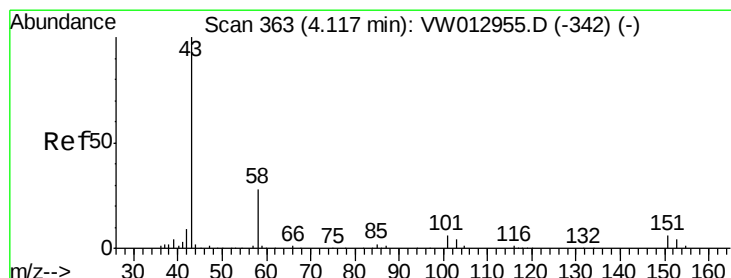
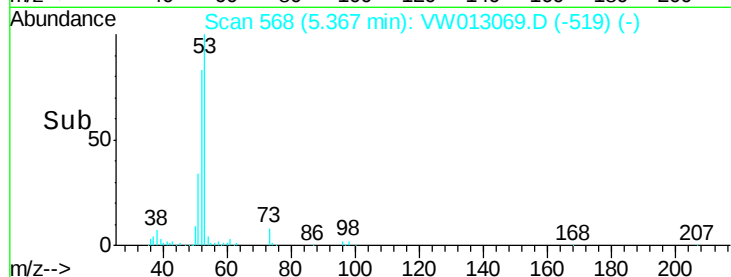
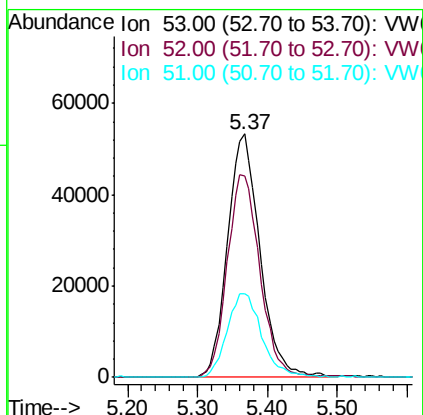
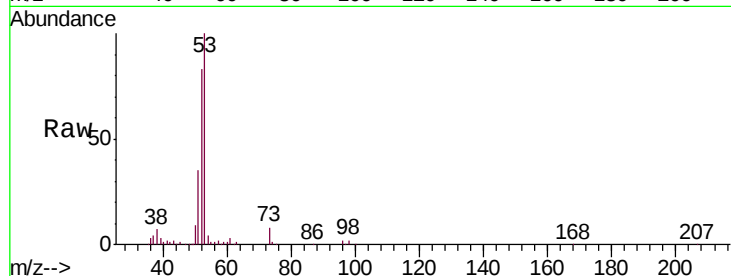
Tgt Ion: 53 Resp: 171916

Ion Ratio Lower Upper

53 100

52 83.7 66.6 100.0

51 36.7 29.8 44.8



#16

Acetone

Concen: 317.604 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013069.D

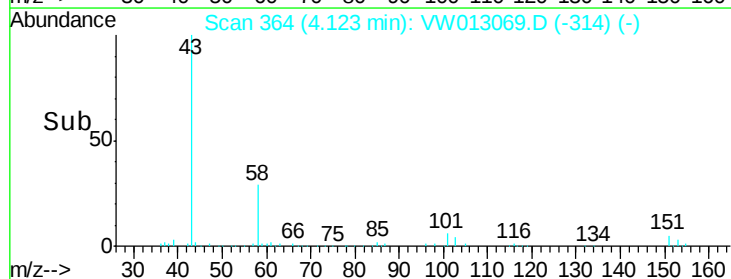
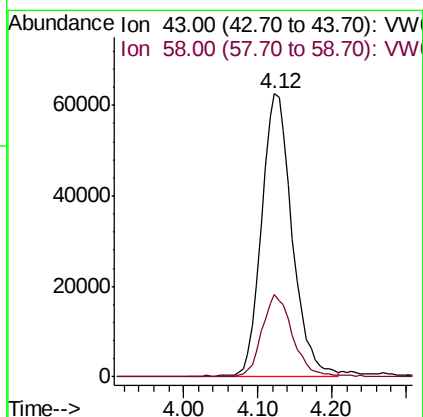
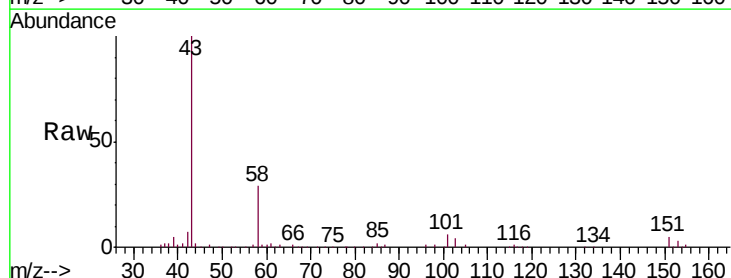
Acq: 17 Sep 2019 04:56

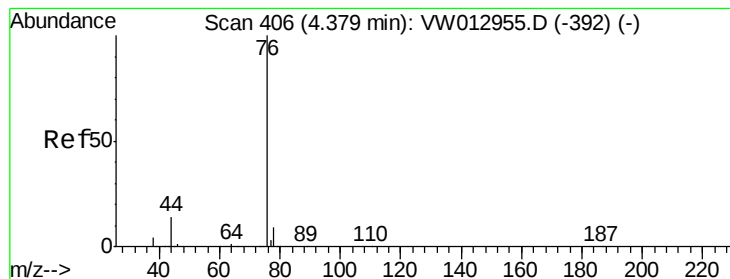
Tgt Ion: 43 Resp: 180281

Ion Ratio Lower Upper

43 100

58 29.1 22.3 33.5





#17

Carbon Disulfide

Concen: 51.071 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

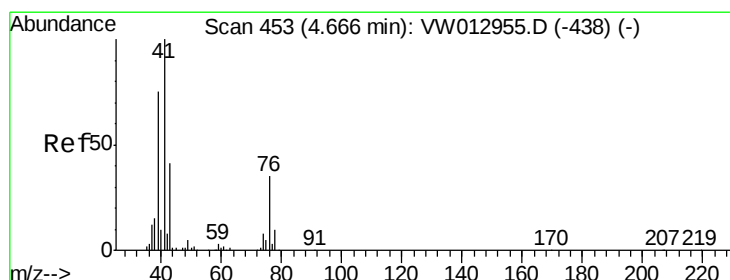
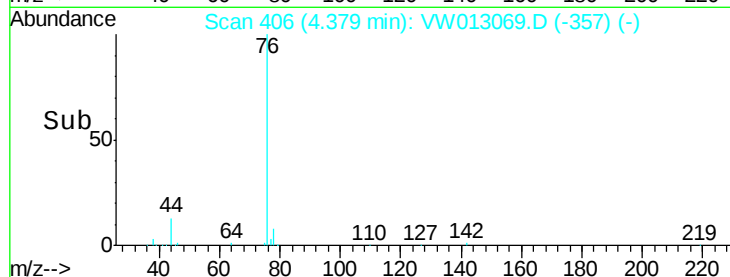
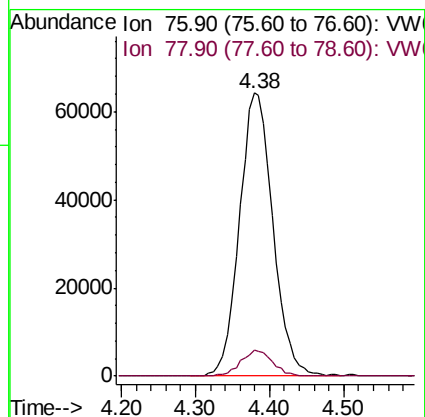
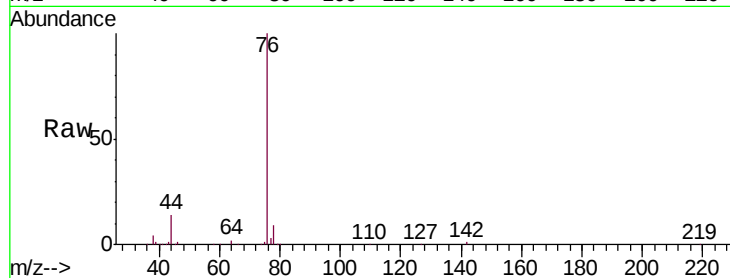
SB-3C-(9)MSD

Tgt Ion: 76 Resp: 202348

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4



#18

Methyl Acetate

Concen: 153.928 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013069.D

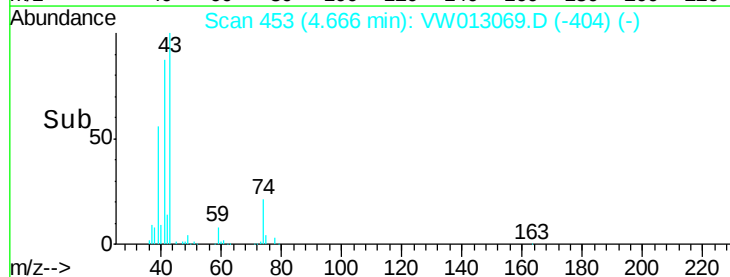
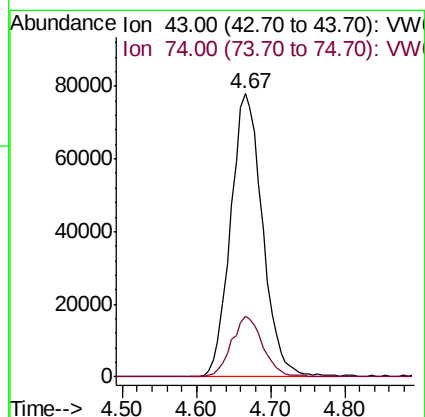
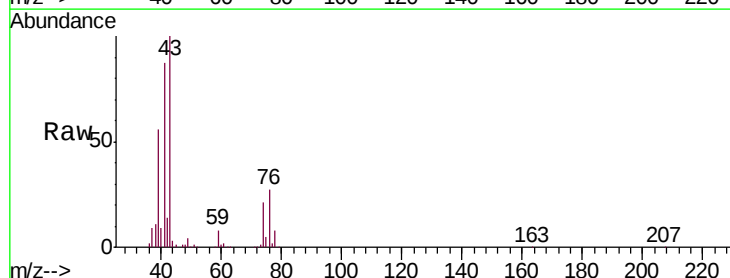
Acq: 17 Sep 2019 04:56

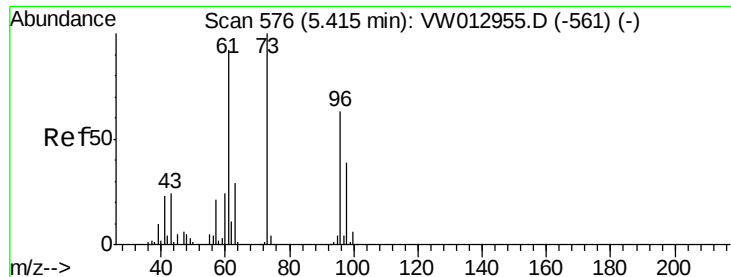
Tgt Ion: 43 Resp: 233291

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.8

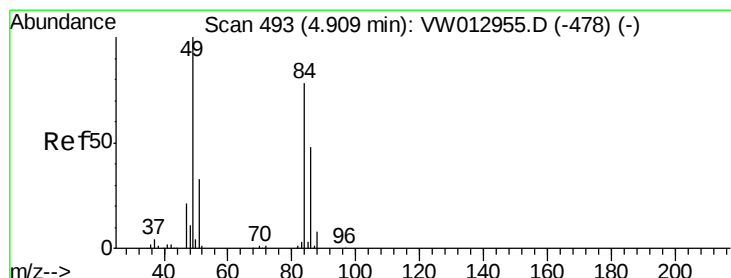
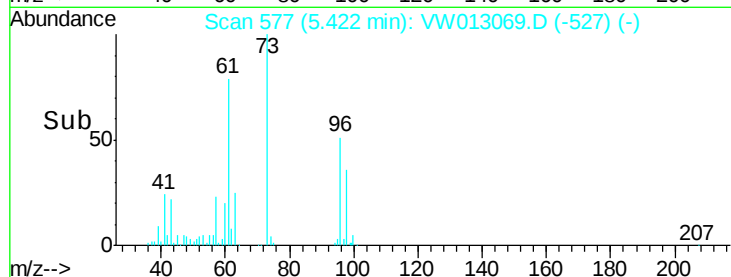
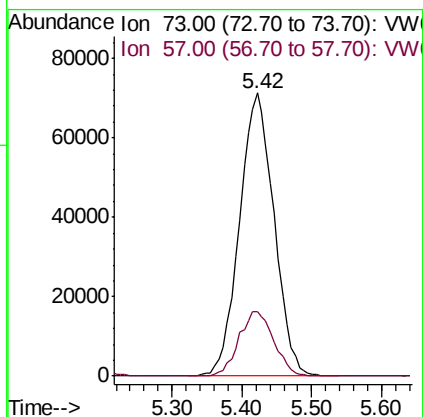
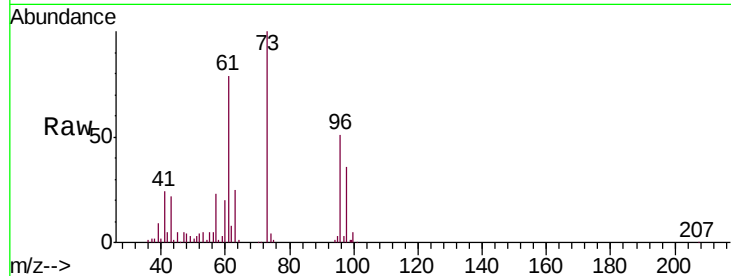




#19
Methyl tert-butyl Ether
Concen: 62.084 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

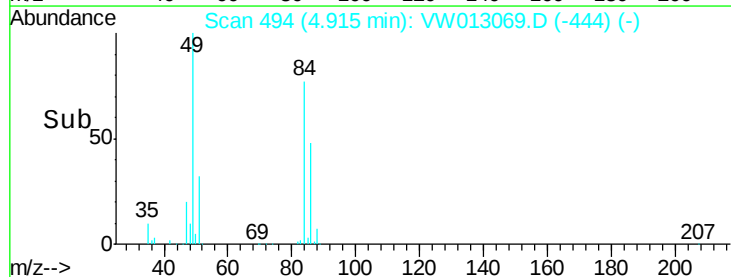
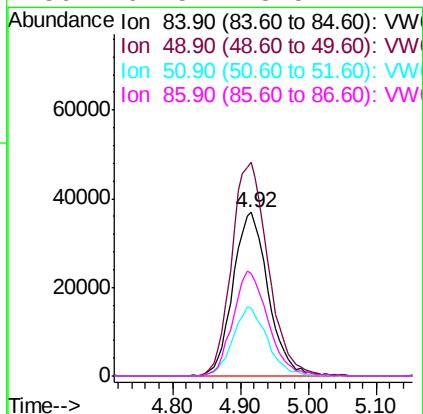
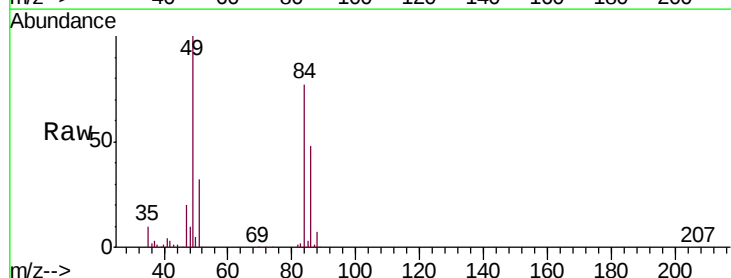
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

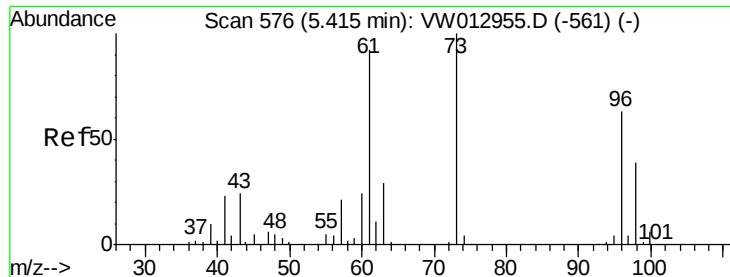
Tgt Ion: 73 Resp: 243656
Ion Ratio Lower Upper
73 100
57 22.9 16.4 24.6



#20
Methylene Chloride
Concen: 63.039 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 84 Resp: 132574
Ion Ratio Lower Upper
84 100
49 130.4 102.0 153.0
51 41.8 34.0 51.0
86 62.5 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 54.256 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

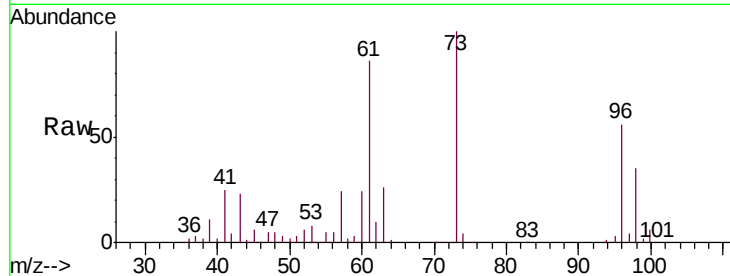
Tgt Ion: 96 Resp: 115533

Ion Ratio Lower Upper

96 100

61 154.5 116.2 174.2

98 62.5 49.8 74.6

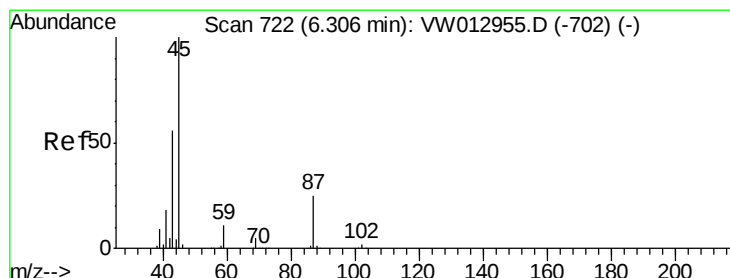
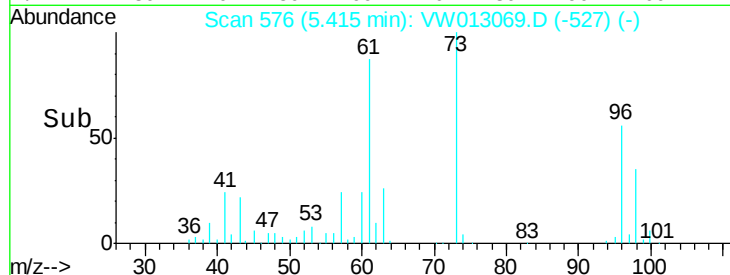
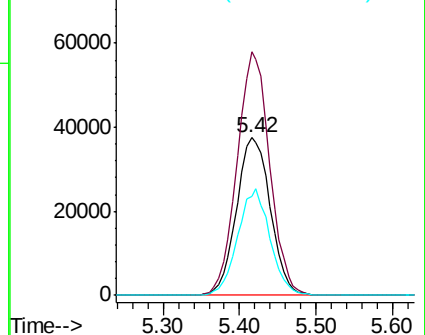


Abundance

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



#22

Diisopropyl ether

Concen: 61.116 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion: 45 Resp: 479222

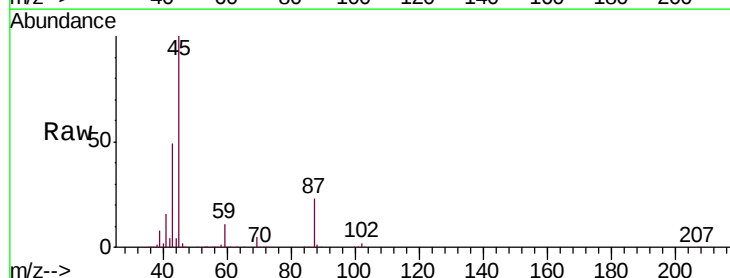
Ion Ratio Lower Upper

45 100

43 48.3 44.6 67.0

87 23.2 20.0 30.0

59 10.5 8.7 13.1



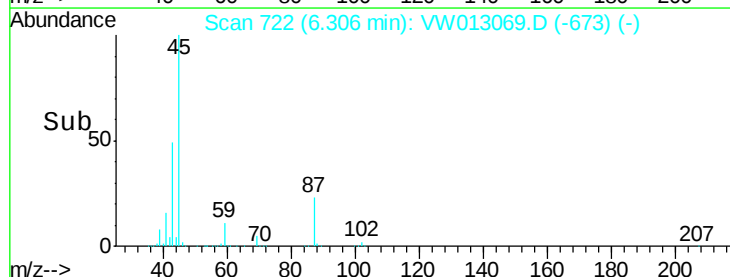
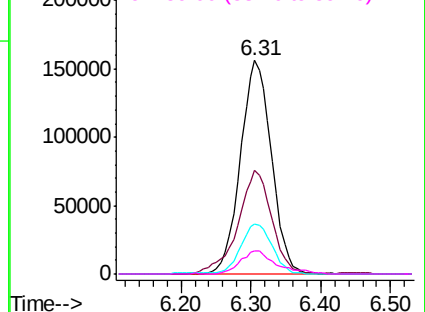
Abundance

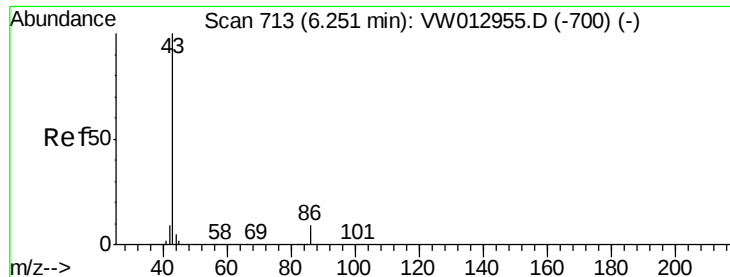
Ion 45.00 (44.70 to 45.70): VW

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

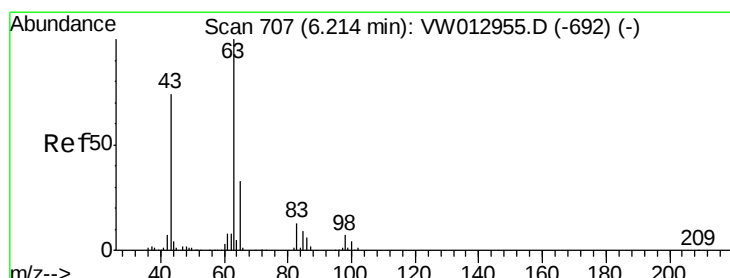
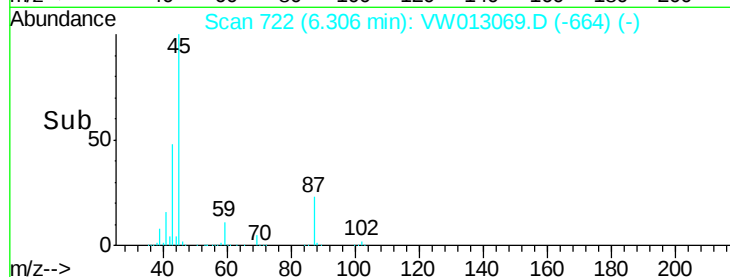
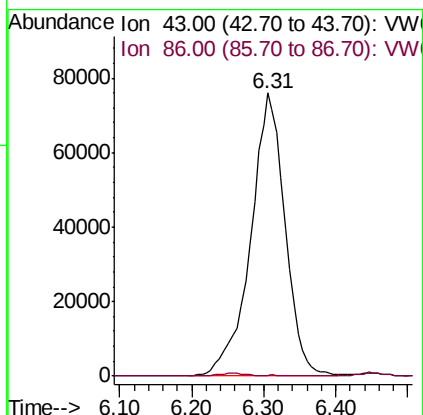
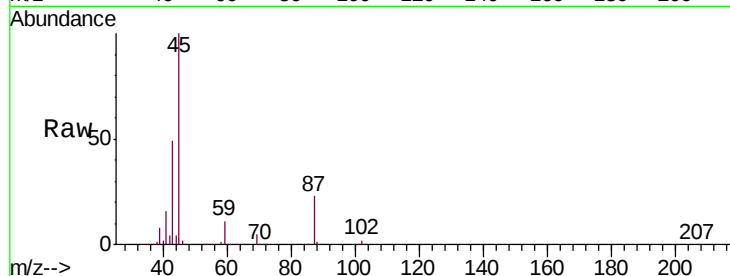




#23
 Vinyl Acetate
 Concen: 53.699 ug/l
 RT: 6.31 min Scan# 722
 Delta R.T. 0.05 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

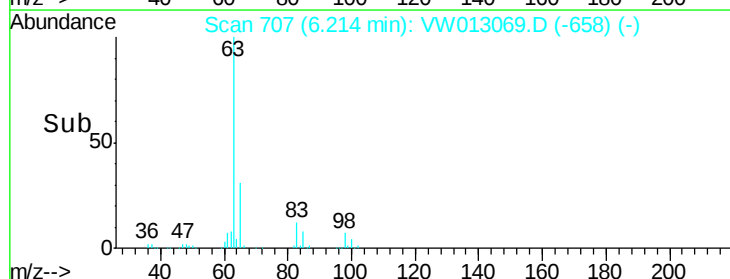
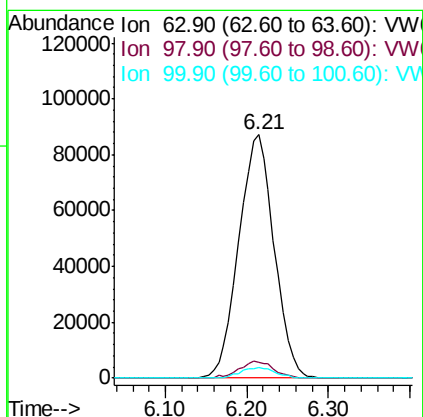
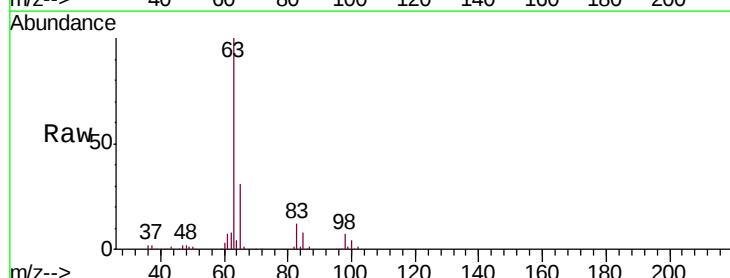
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

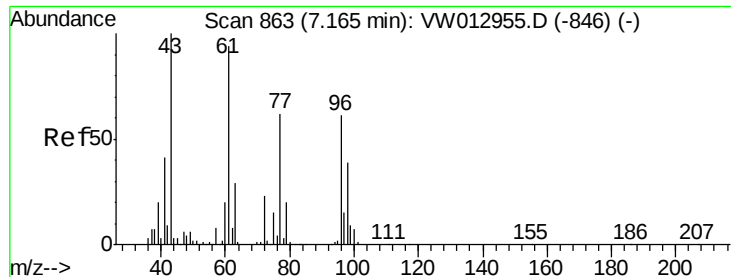
Tgt Ion: 43 Resp: 252189
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.0 10.6#



#24
 1,1-Dichloroethane
 Concen: 58.010 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 63 Resp: 262261
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 295.781 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

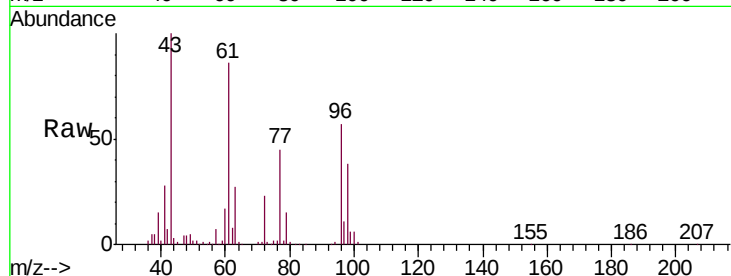
SB-3C-(9)MSD

Tgt Ion: 43 Resp: 250197

Ion Ratio Lower Upper

43 100

72 22.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

100000

80000

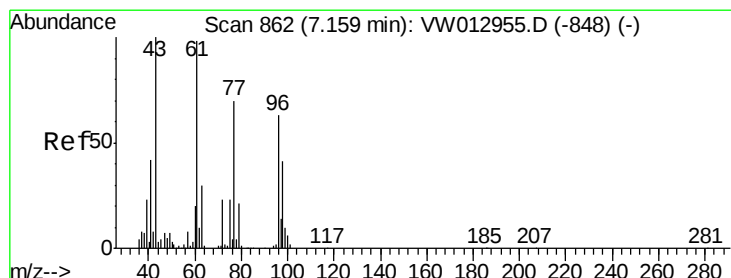
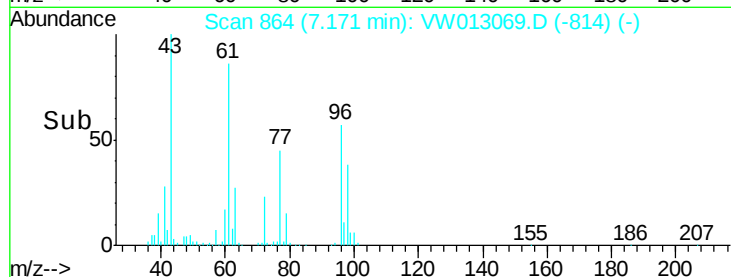
60000

40000

20000

0

Time--> 7.05 7.10 7.15 7.20 7.25



#26

2,2-Dichloropropane

Concen: 45.336 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013069.D

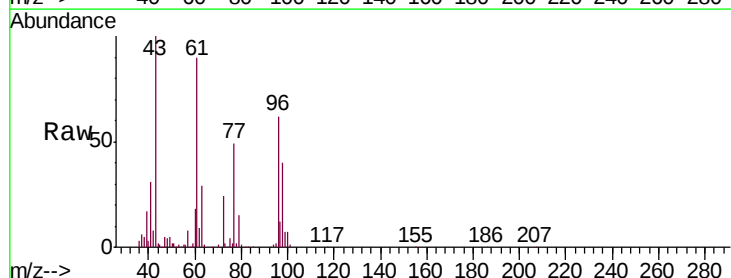
Acq: 17 Sep 2019 04:56

Tgt Ion: 77 Resp: 131236

Ion Ratio Lower Upper

77 100

97 23.9 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

50000

40000

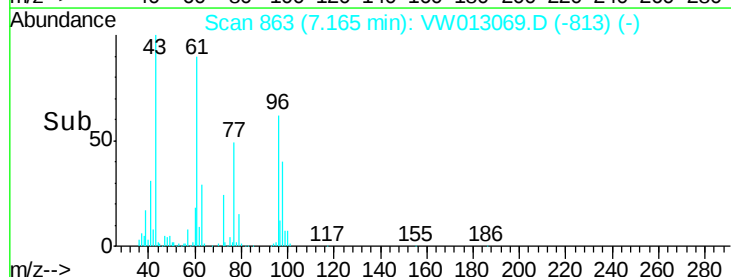
30000

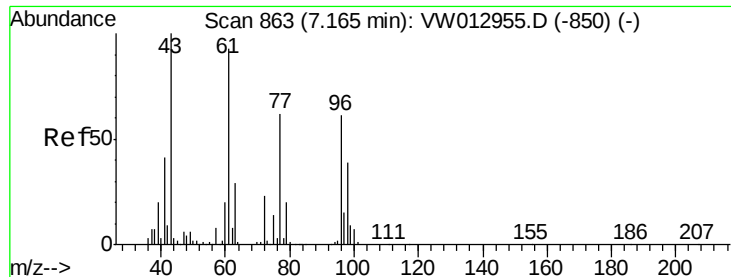
20000

10000

0

Time--> 7.00 7.10 7.20 7.30



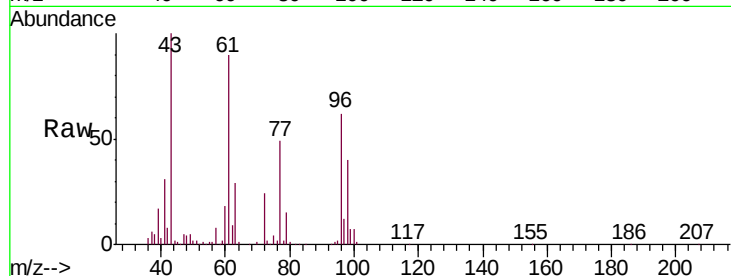


#27

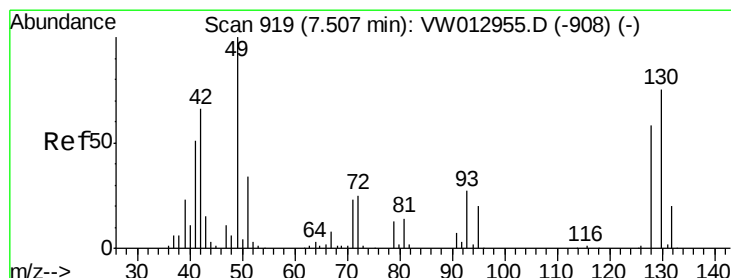
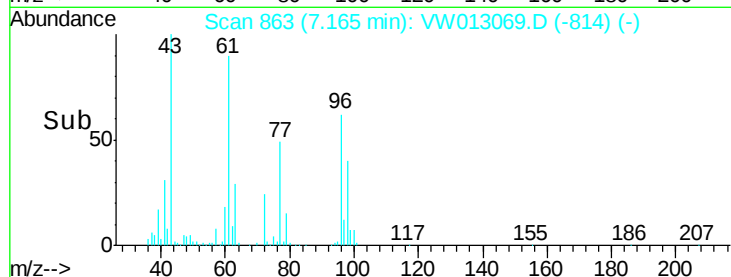
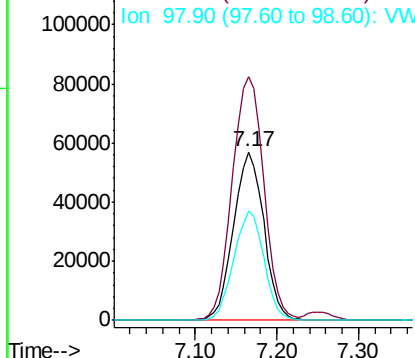
cis-1,2-Dichloroethene
 Concen: 57.447 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampled :
 SB-3C-(9)MSD

Tgt Ion: 96 Resp: 146454
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 315.4
 98 64.7 0.0 131.0



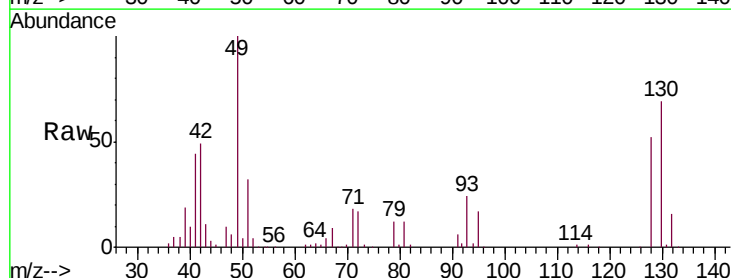
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



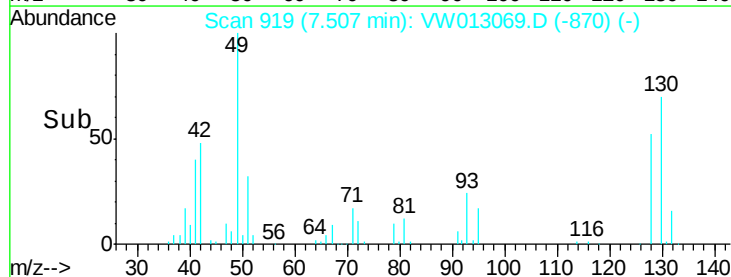
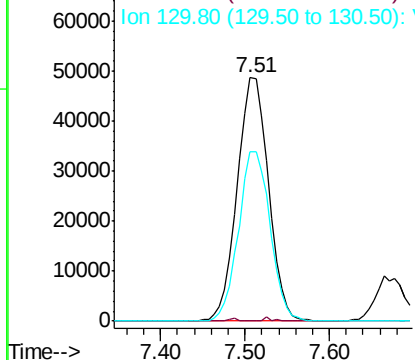
#28

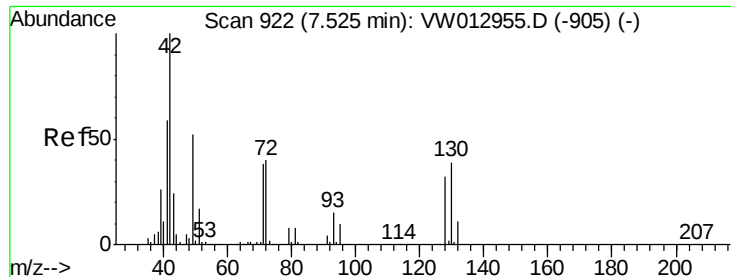
Bromochloromethane
 Concen: 64.226 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 49 Resp: 122214
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 1.4
 130 70.2 57.8 86.6



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

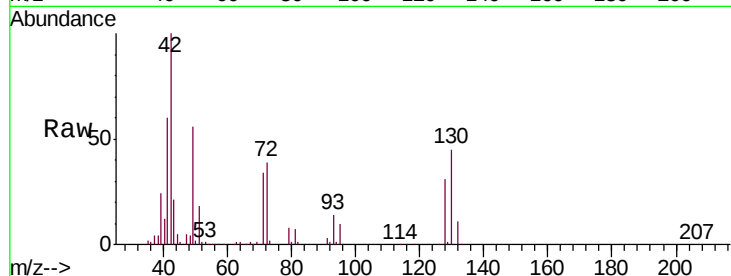




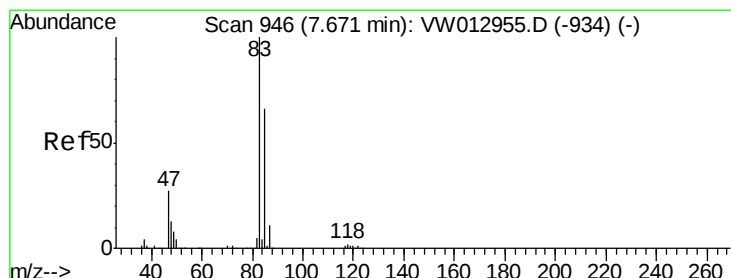
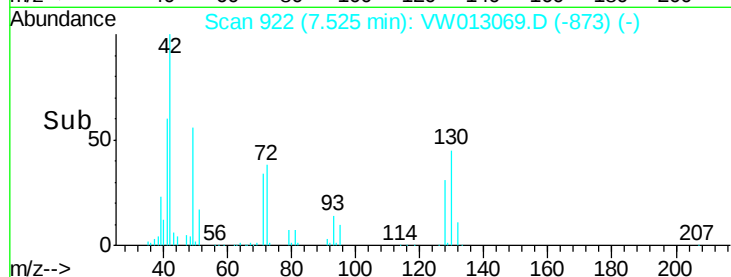
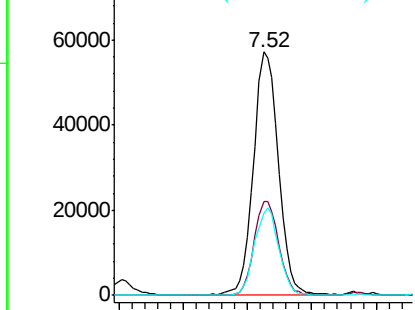
#29
Tetrahydrofuran
Concen: 316.972 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tgt Ion: 42 Resp: 152771
Ion Ratio Lower Upper
42 100
72 38.0 31.4 47.0
71 34.9 29.8 44.8

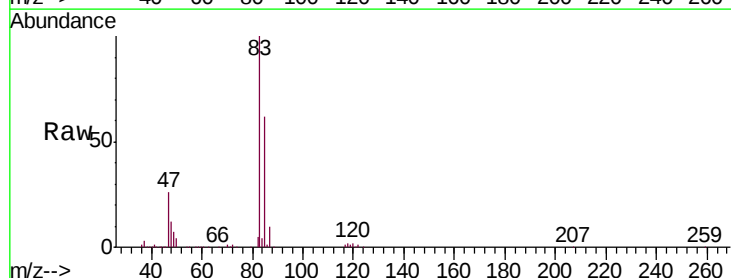


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

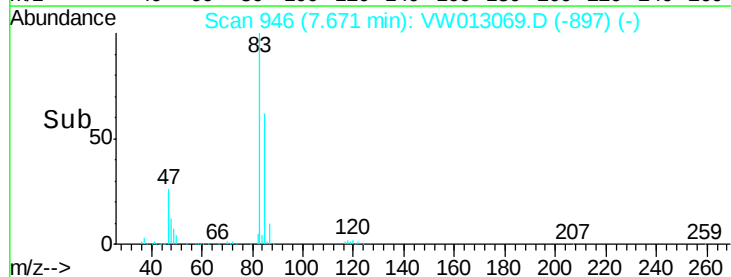
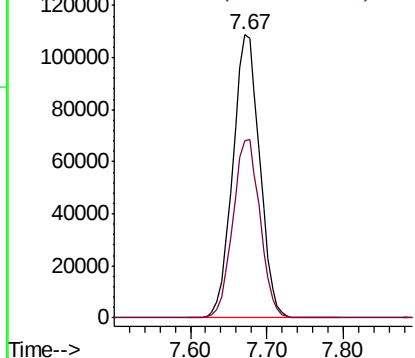


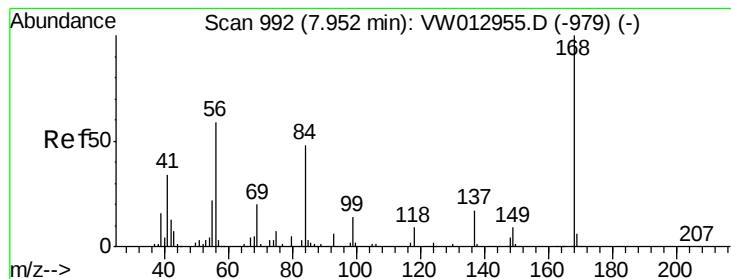
#30
Chloroform
Concen: 57.535 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 83 Resp: 264297
Ion Ratio Lower Upper
83 100
85 62.4 52.8 79.2



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





#31

Cyclohexane

Concen: 57.198 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

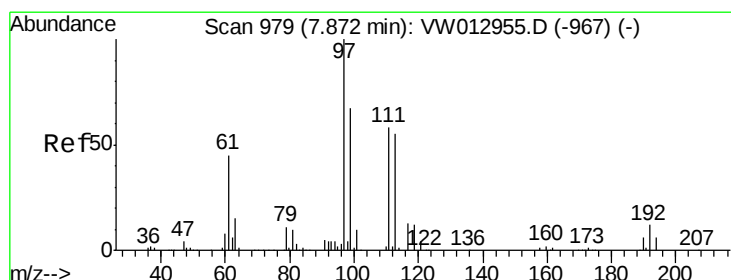
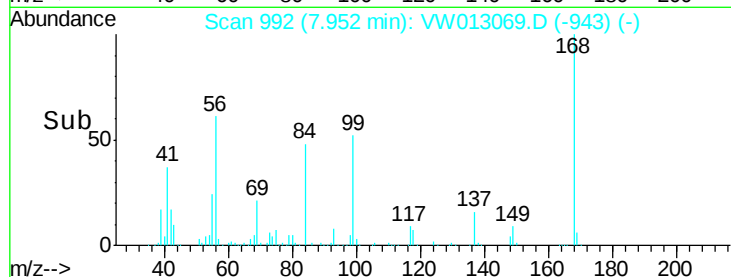
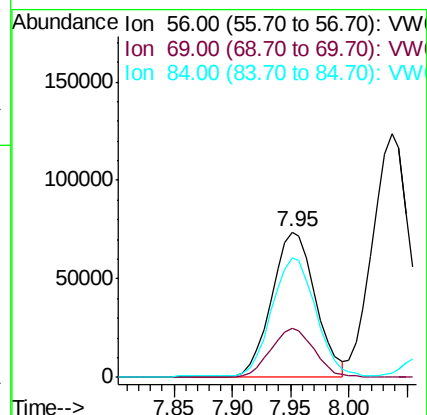
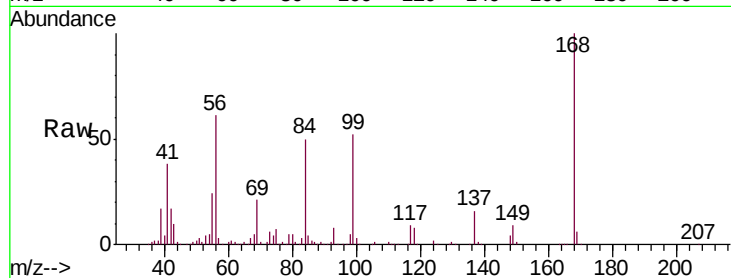
Tgt Ion: 56 Resp: 192037

Ion Ratio Lower Upper

56 100

69 34.0 27.0 40.6

84 80.9 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 53.266 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

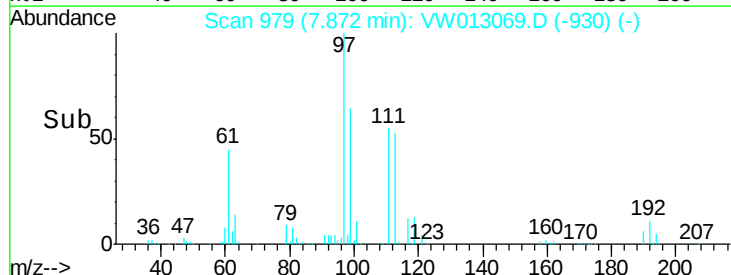
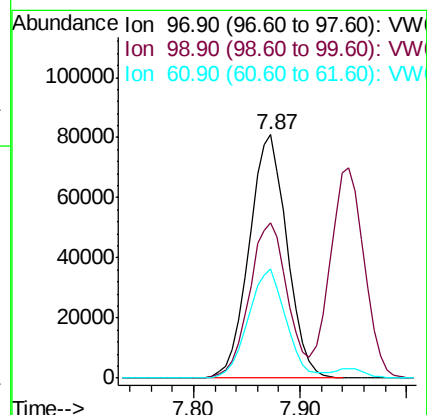
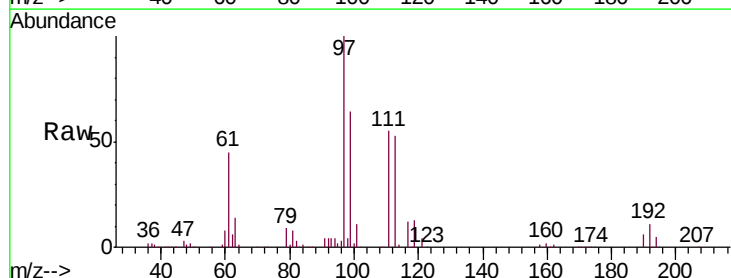
Tgt Ion: 97 Resp: 201502

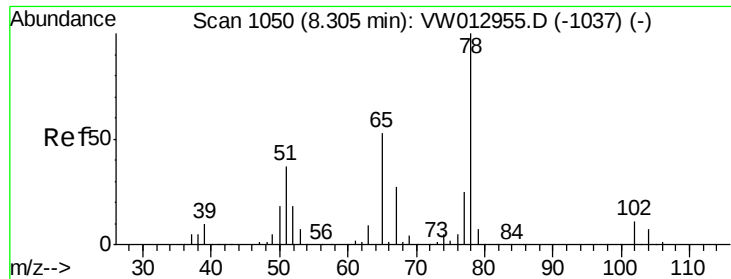
Ion Ratio Lower Upper

97 100

99 64.7 53.0 79.4

61 44.3 36.5 54.7

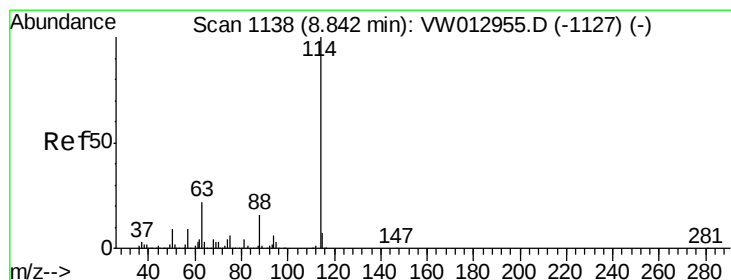
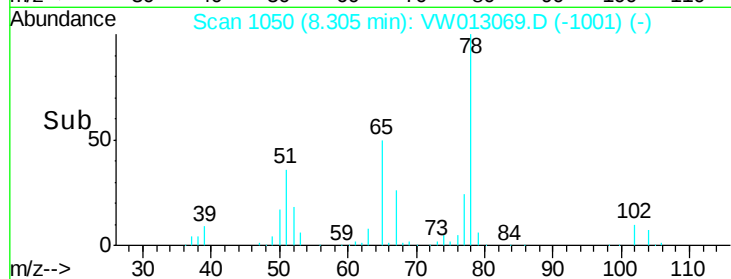
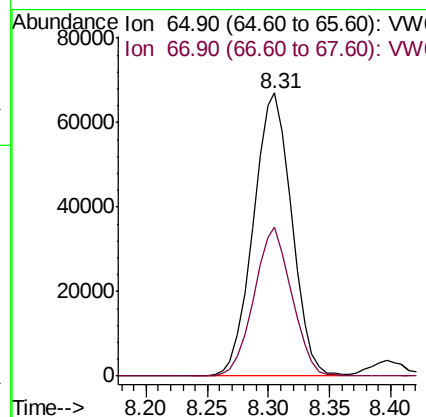
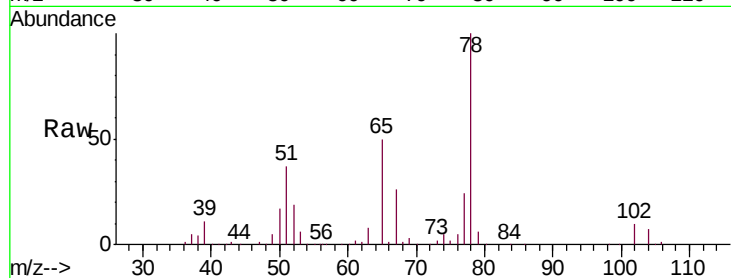




#33
 1,2-Dichloroethane-d4
 Concen: 55.039 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

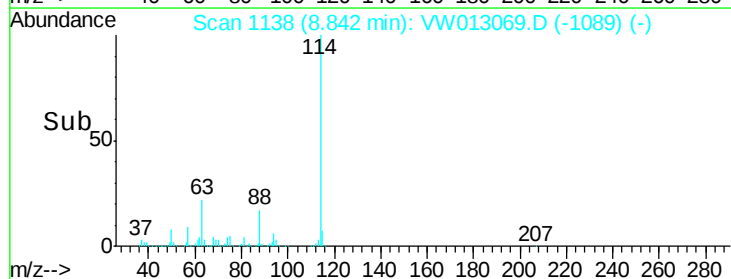
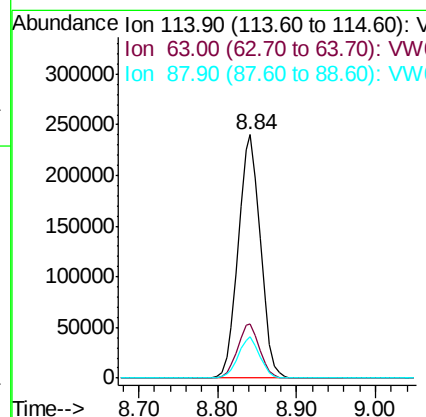
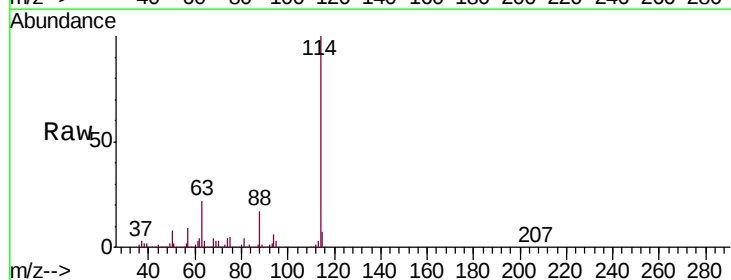
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

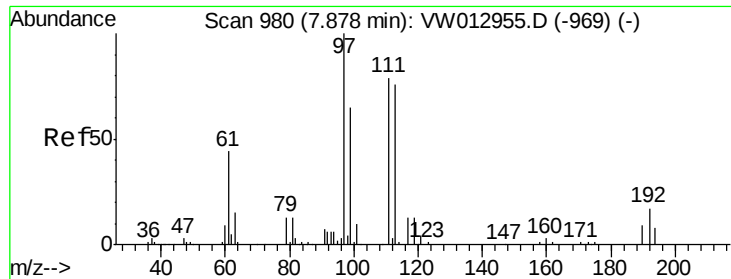
Tgt Ion: 65 Resp: 146415
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 114 Resp: 469384
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.4
 88 17.0 0.0 31.6

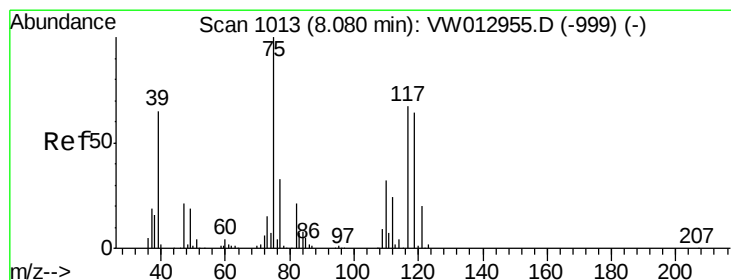
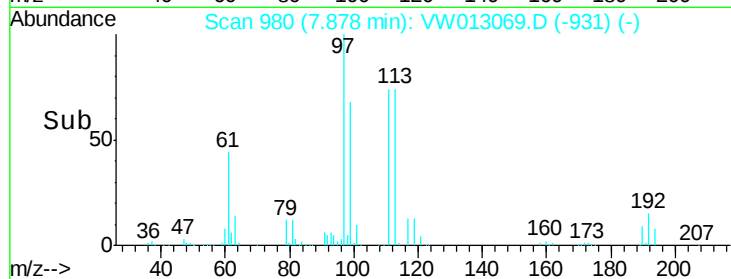
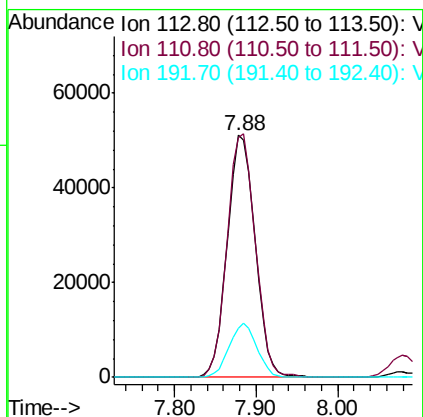
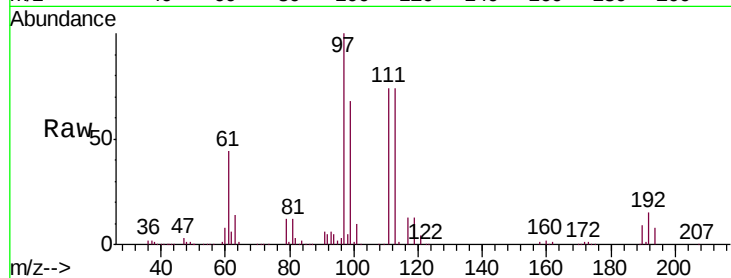




#35
 Dibromofluoromethane
 Concen: 47.287 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

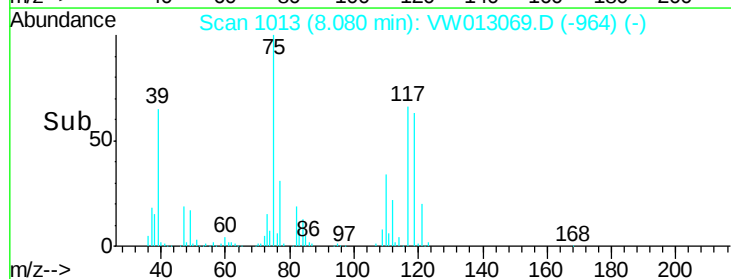
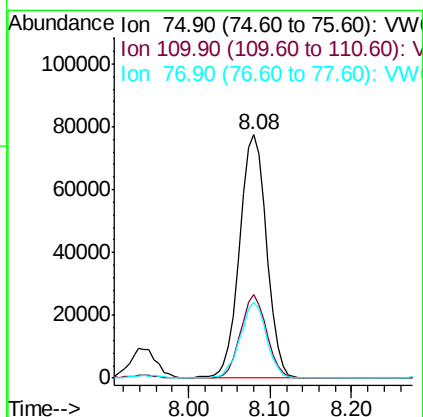
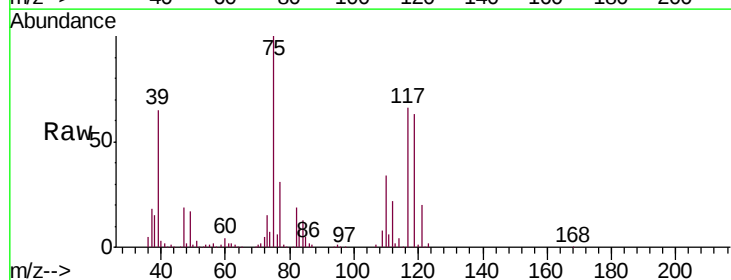
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

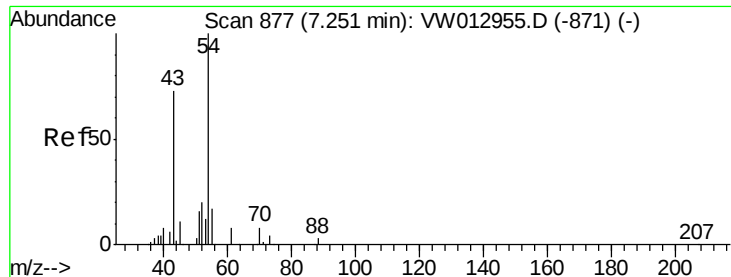
Tgt Ion: 113 Resp: 120438
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.8 124.2
 192 22.3 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 47.415 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 75 Resp: 177845
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.4 49.1
 77 30.5 25.1 37.7

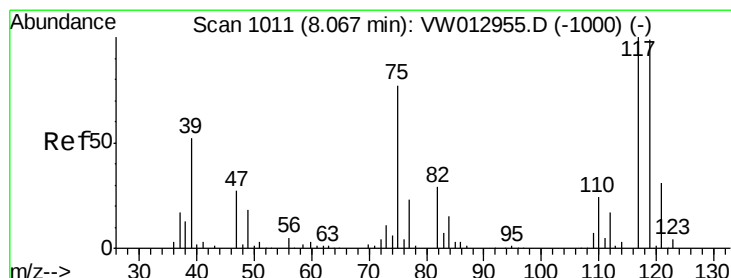
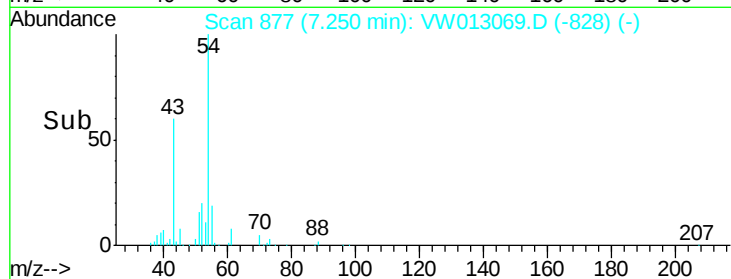
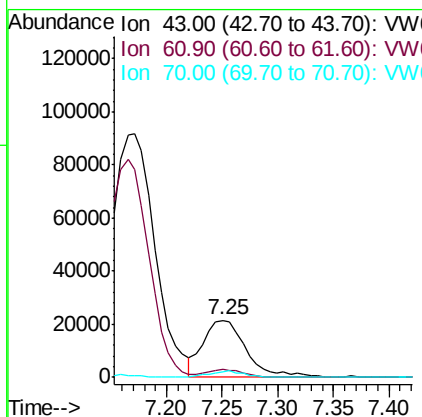
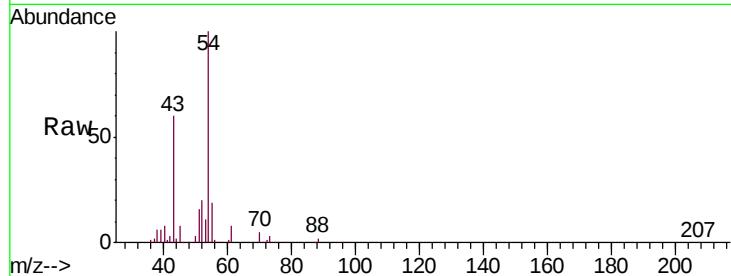




#37
Ethyl Acetate
Concen: 27.986 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

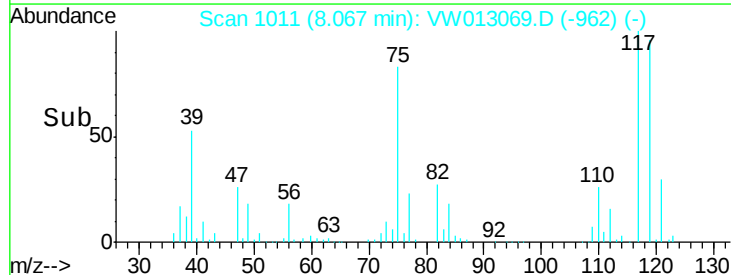
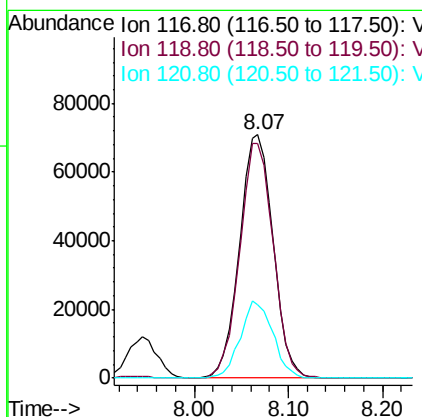
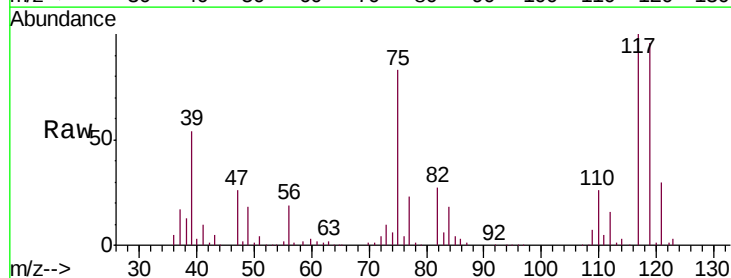
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

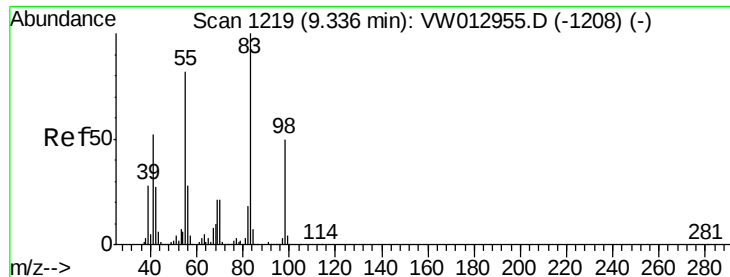
Tgt Ion: 43 Resp: 55716
Ion Ratio Lower Upper
43 100
61 0.0 9.6 14.4#
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 45.713 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 117 Resp: 175707
Ion Ratio Lower Upper
117 100
119 96.3 79.4 119.0
121 30.0 24.6 36.8

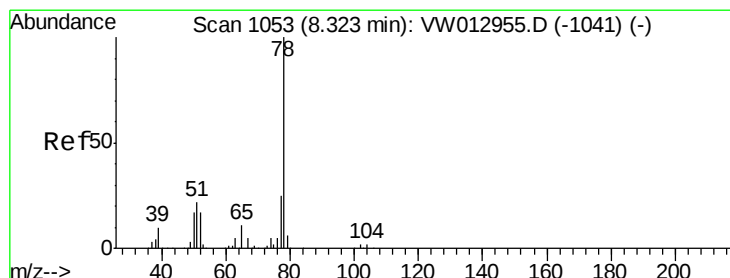
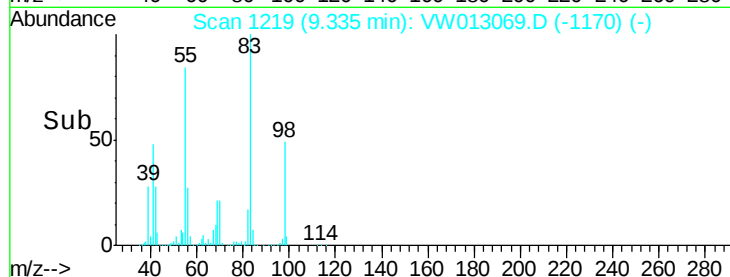
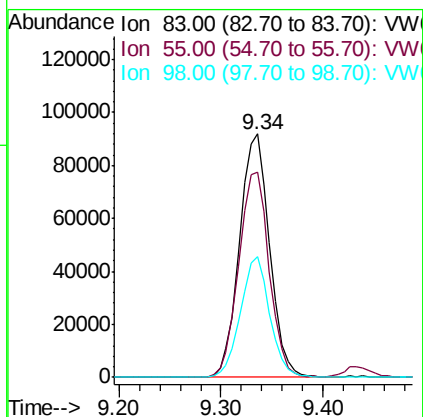
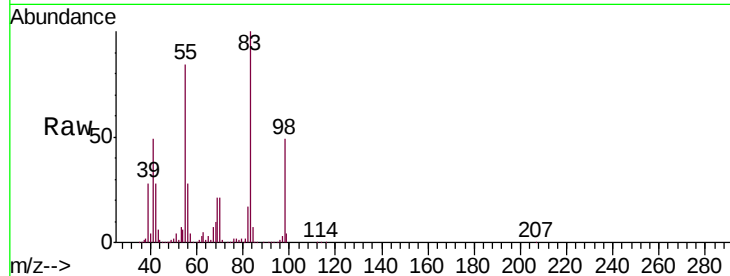




#39
Methylcyclohexane
Concen: 45.765 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

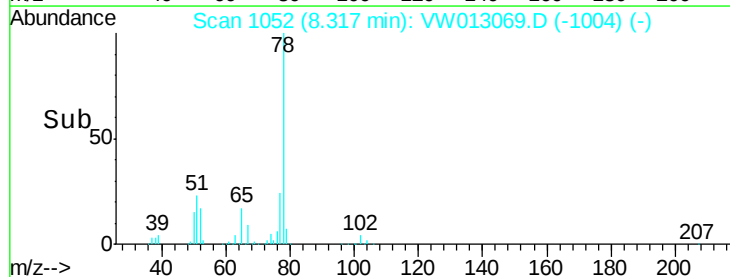
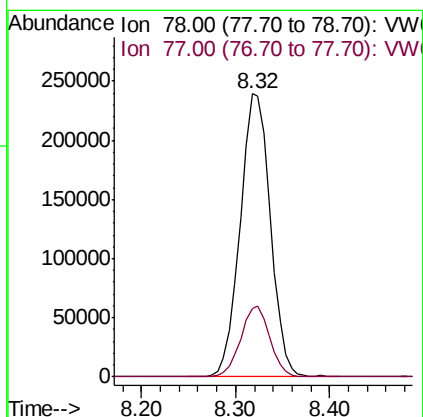
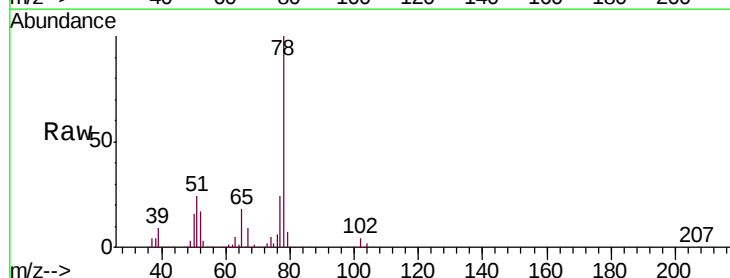
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tgt Ion: 83 Resp: 188098
Ion Ratio Lower Upper
83 100
55 84.3 65.9 98.9
98 49.4 39.6 59.4



#40
Benzene
Concen: 51.310 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 78 Resp: 537258
Ion Ratio Lower Upper
78 100
77 24.3 19.6 29.4





#41

Methacrylonitrile

Concen: 51.319 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tgt Ion: 41 Resp: 67283

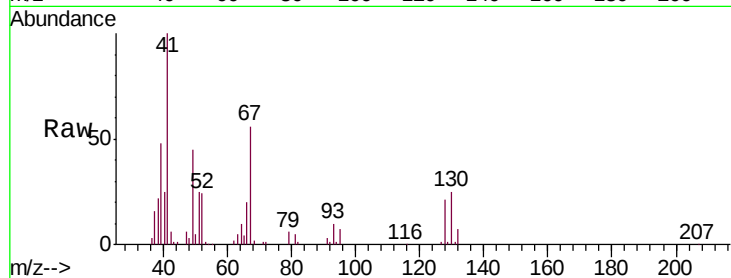
Ion Ratio Lower Upper

41 100

39 61.8 48.2 72.4

67 60.5 47.5 71.3

52 26.8 21.0 31.4

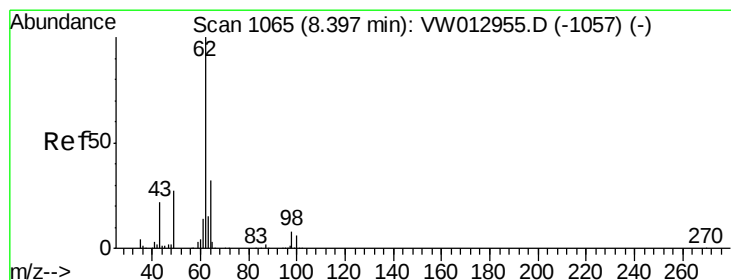
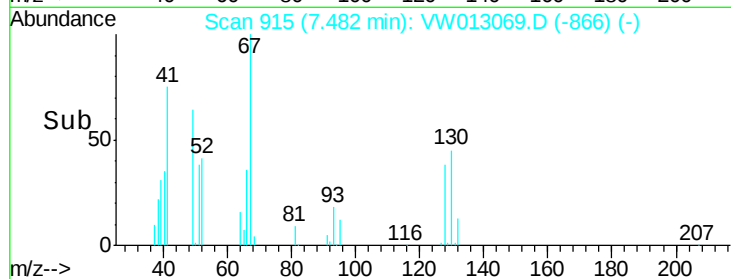
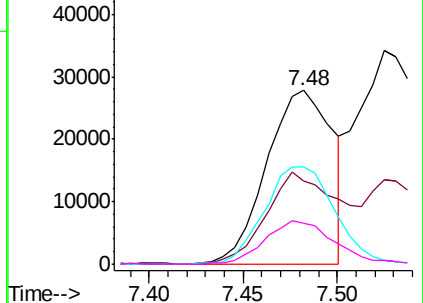


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 49.067 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013069.D

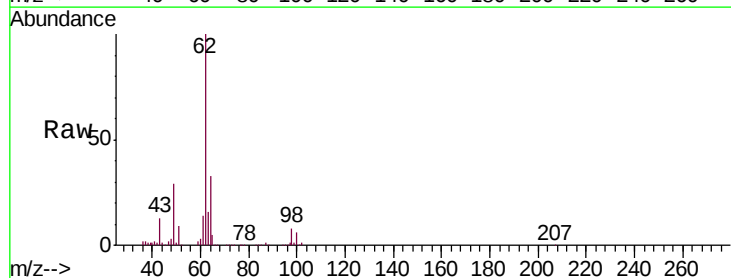
Acq: 17 Sep 2019 04:56

Tgt Ion: 62 Resp: 172229

Ion Ratio Lower Upper

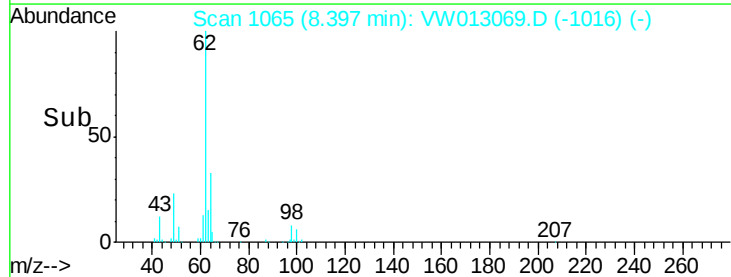
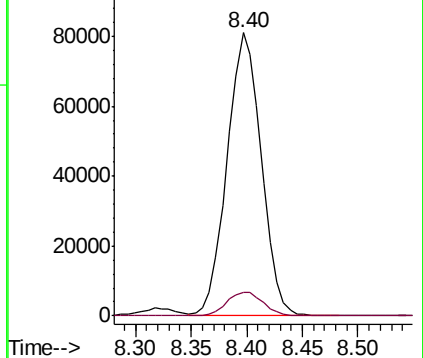
62 100

98 8.8 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 34.762 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

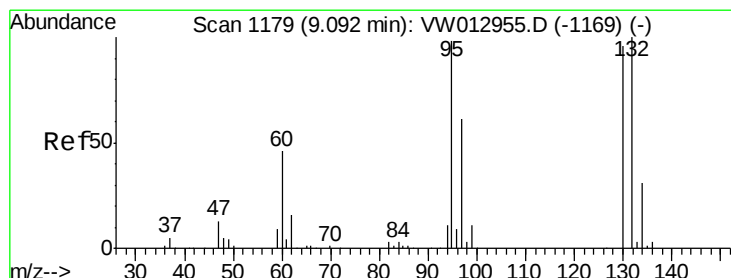
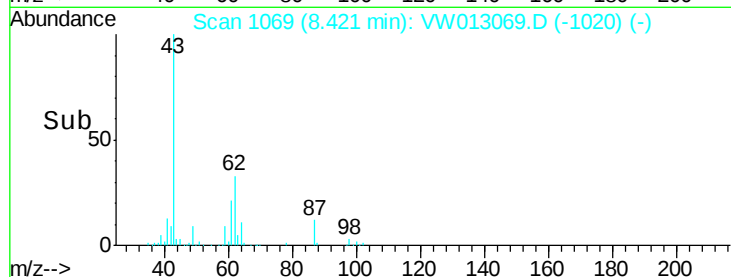
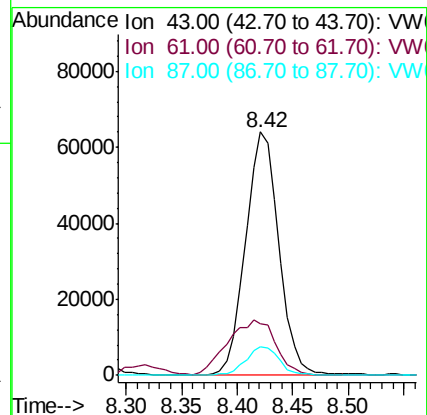
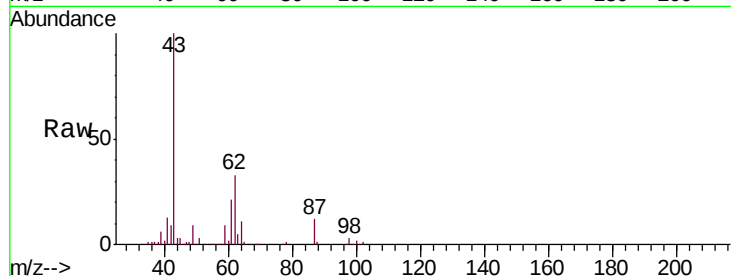
Tgt Ion: 43 Resp: 132878

Ion Ratio Lower Upper

43 100

61 33.0 22.7 34.1

87 12.0 9.4 14.2



#44

Trichloroethene

Concen: 64.031 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013069.D

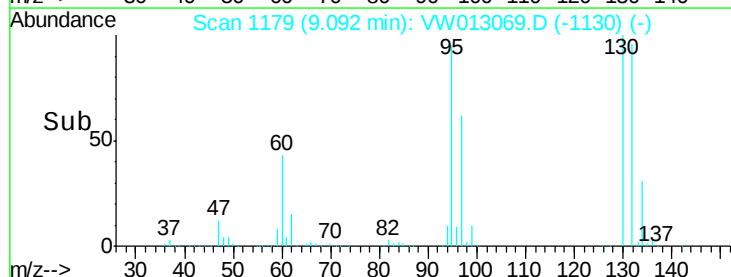
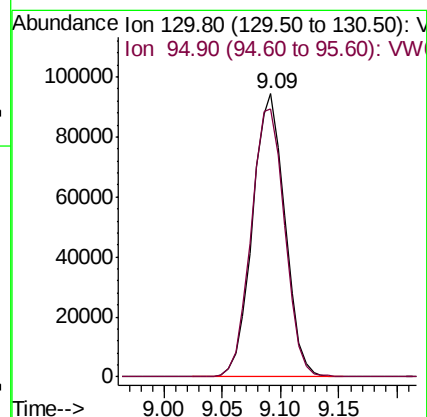
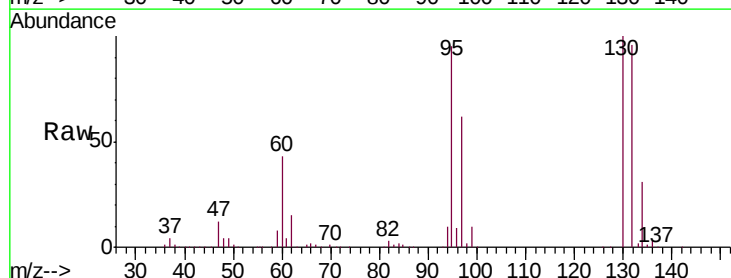
Acq: 17 Sep 2019 04:56

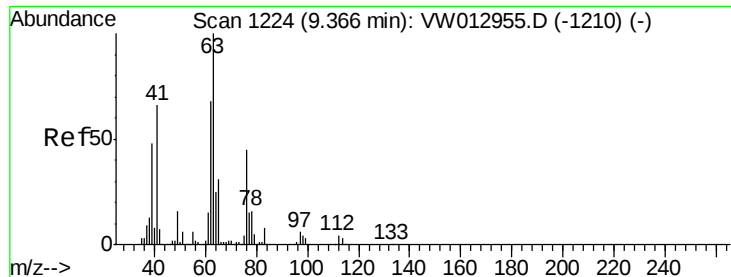
Tgt Ion: 130 Resp: 183645

Ion Ratio Lower Upper

130 100

95 94.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.305 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

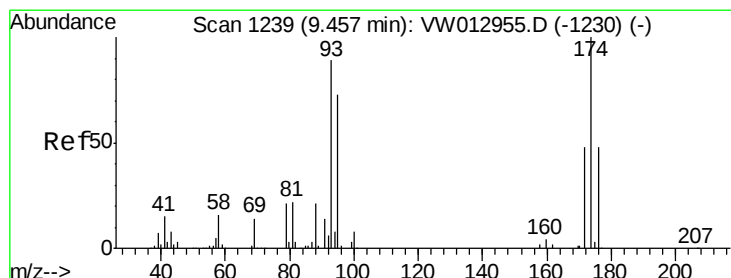
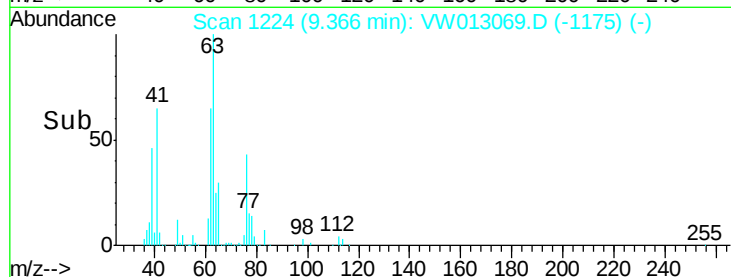
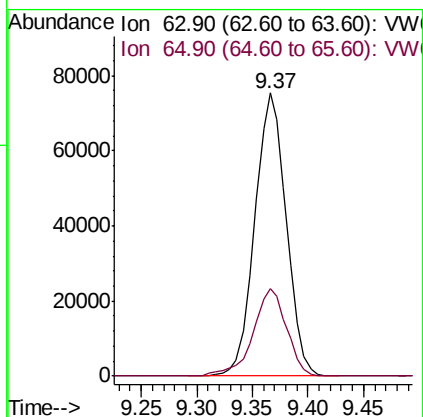
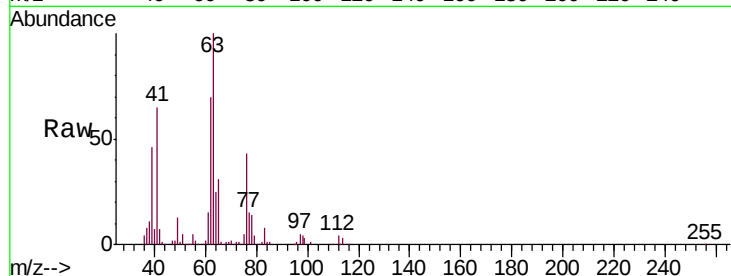
SB-3C-(9)MSD

Tgt Ion: 63 Resp: 148292

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#46

Dibromomethane

Concen: 51.879 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

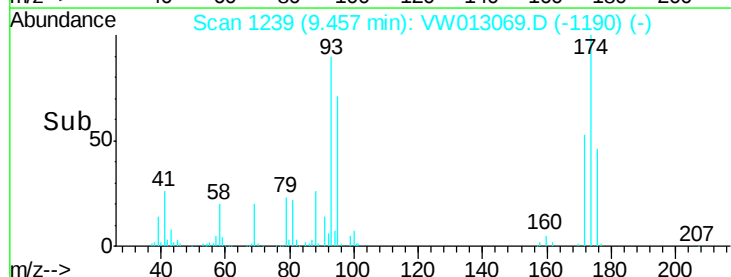
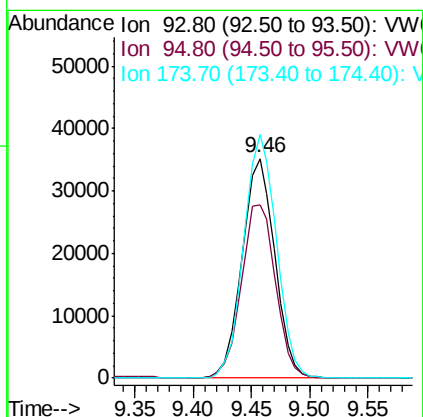
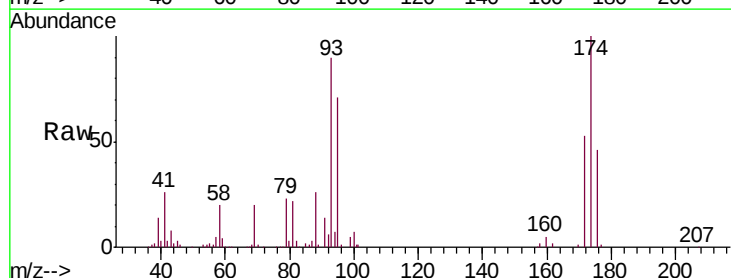
Tgt Ion: 93 Resp: 69146

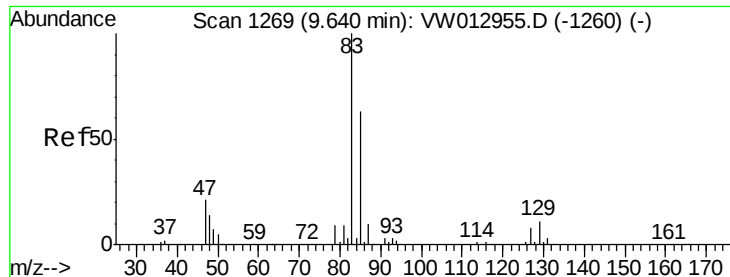
Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.4

174 111.2 90.5 135.7

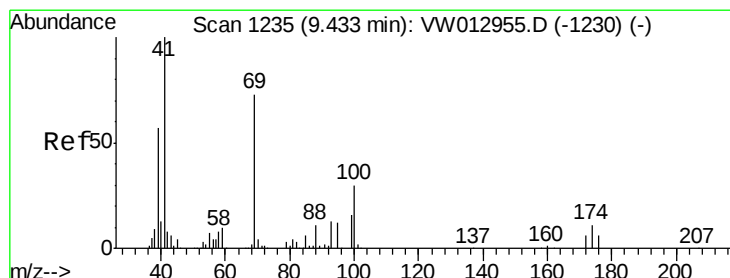
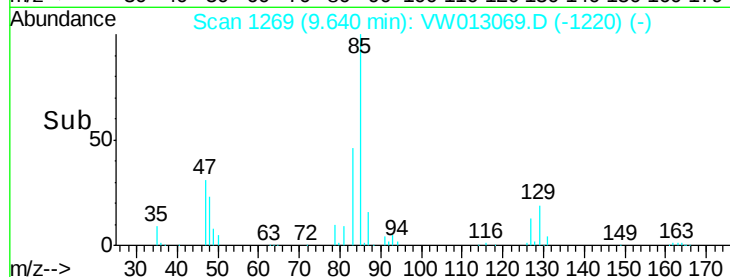
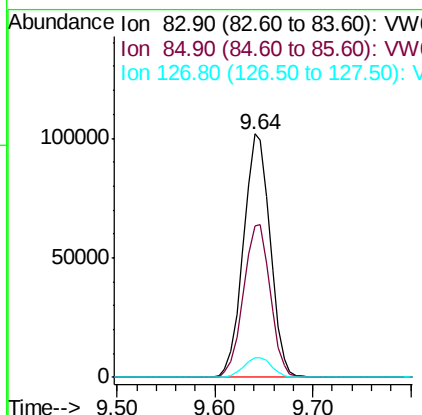
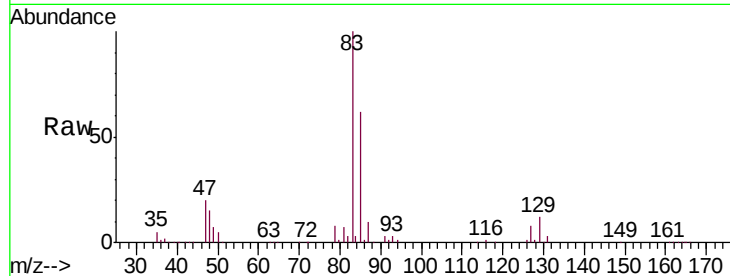




#47
 Bromodichloromethane
 Concen: 51.557 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

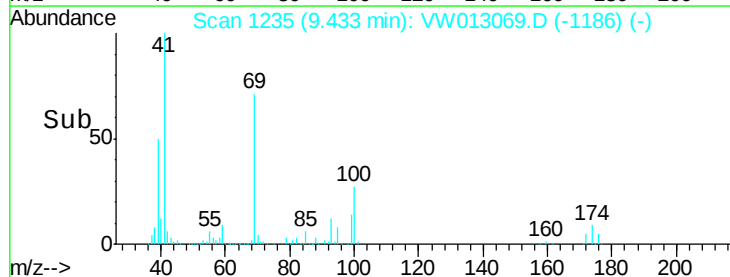
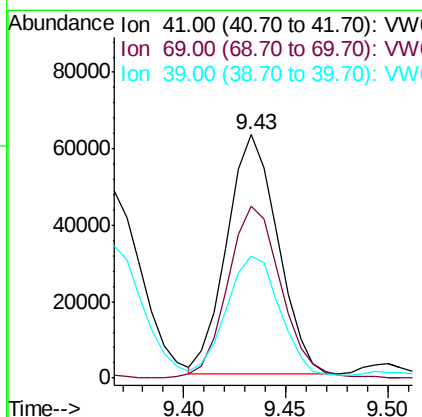
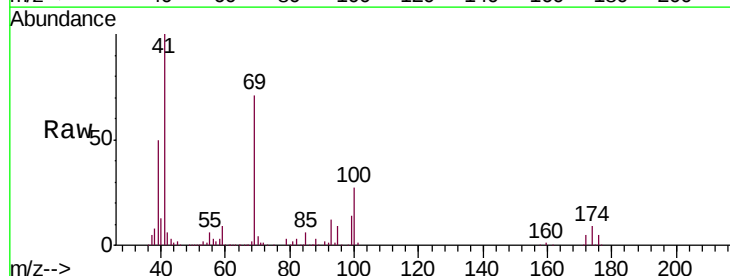
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

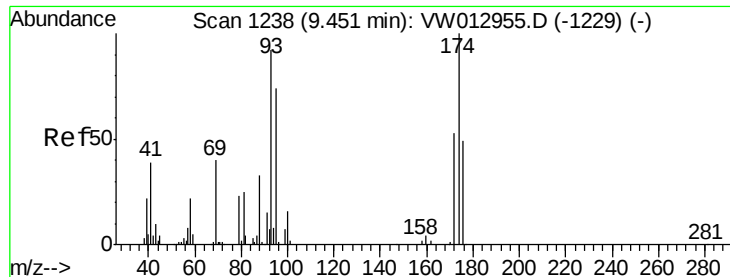
Tgt Ion: 83 Resp: 192752
 Ion Ratio Lower Upper
 83 100
 85 62.1 50.6 75.8
 127 8.3 6.7 10.1



#48
 Methyl methacrylate
 Concen: 60.064 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 41 Resp: 107753
 Ion Ratio Lower Upper
 41 100
 69 76.3 62.8 94.2
 39 55.2 48.5 72.7





#49

1,4-Dioxane

Concen: 951.983 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

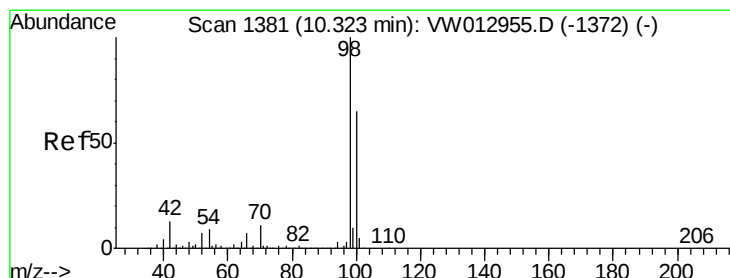
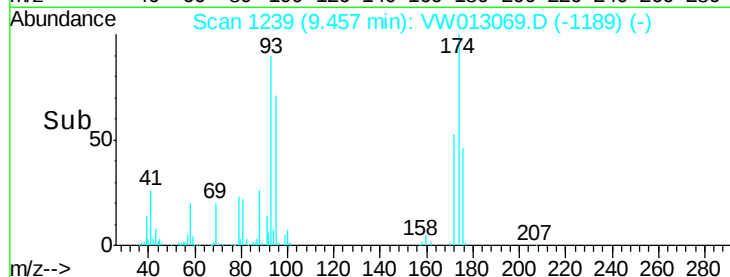
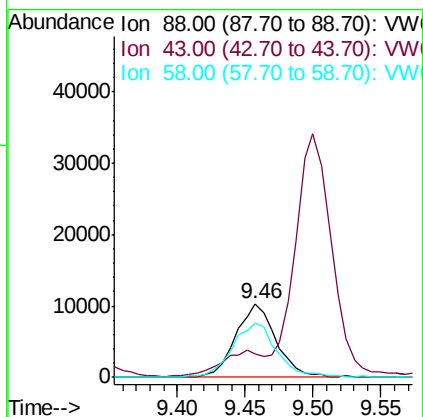
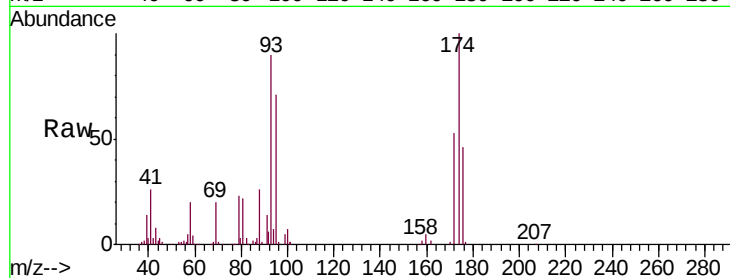
Tgt Ion: 88 Resp: 21261

Ion Ratio Lower Upper

88 100

43 36.3 31.3 46.9

58 82.4 60.2 90.2



#50

Toluene-d8

Concen: 50.856 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013069.D

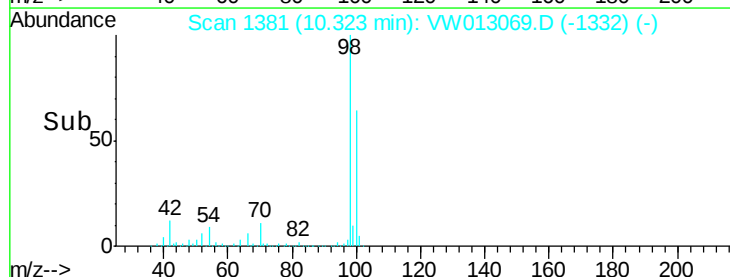
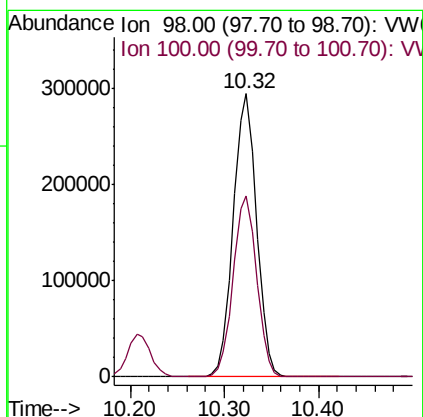
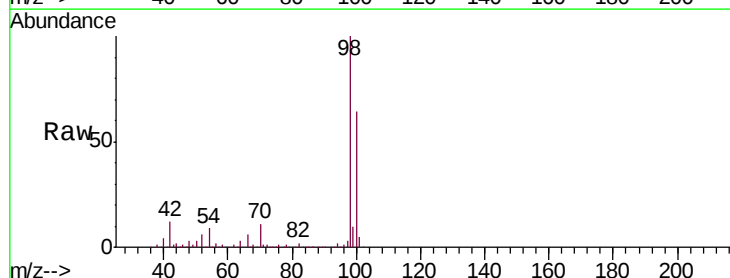
Acq: 17 Sep 2019 04:56

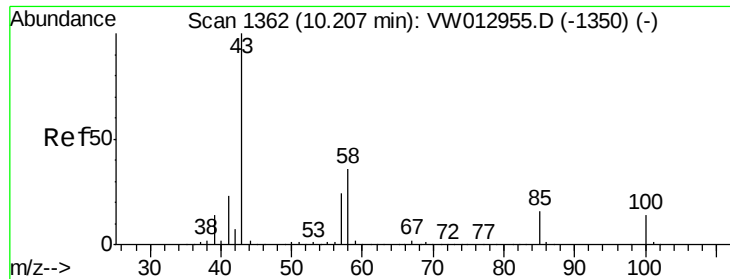
Tgt Ion: 98 Resp: 506853

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 278.241 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

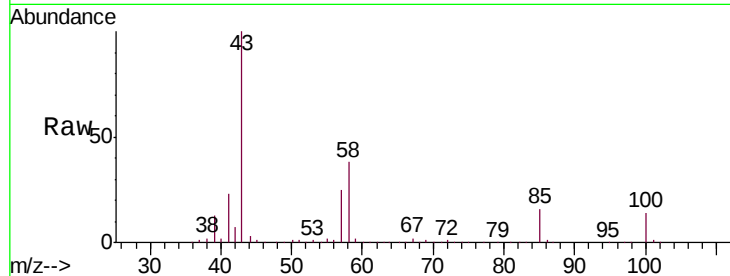
SB-3C-(9)MSD

Tgt Ion: 43 Resp: 549106

Ion Ratio Lower Upper

43 100

58 37.5 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

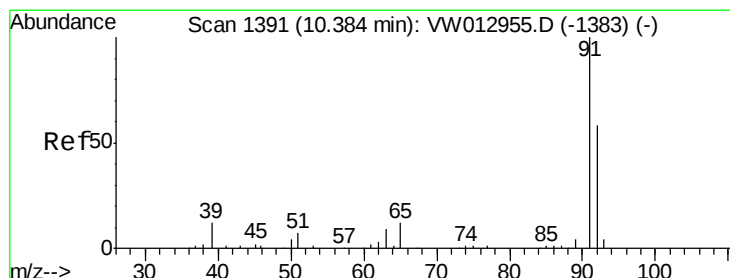
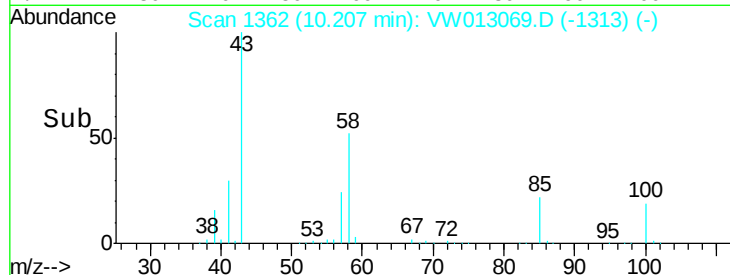
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.049 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013069.D

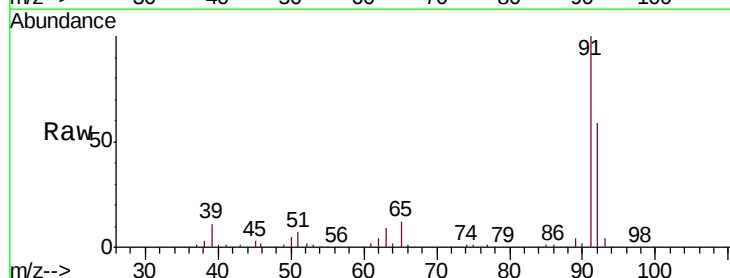
Acq: 17 Sep 2019 04:56

Tgt Ion: 92 Resp: 339665

Ion Ratio Lower Upper

92 100

91 169.8 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

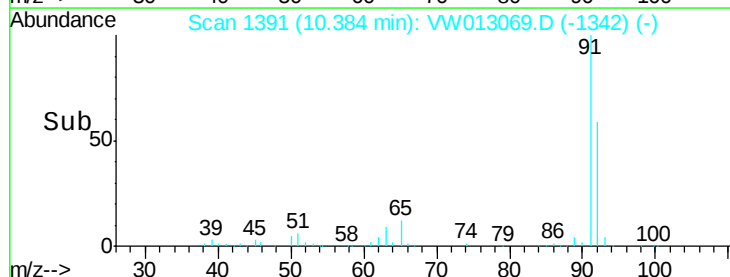
300000

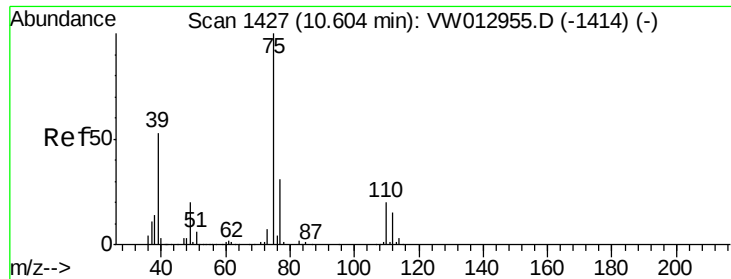
200000

100000

0

Time-->

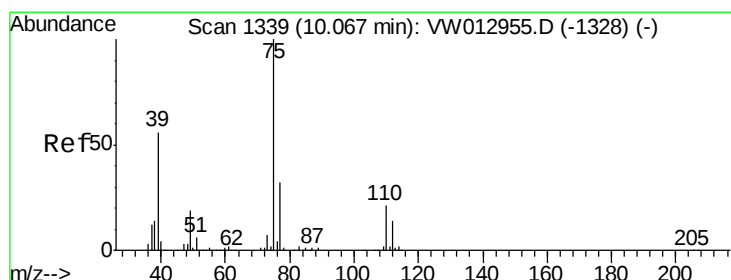
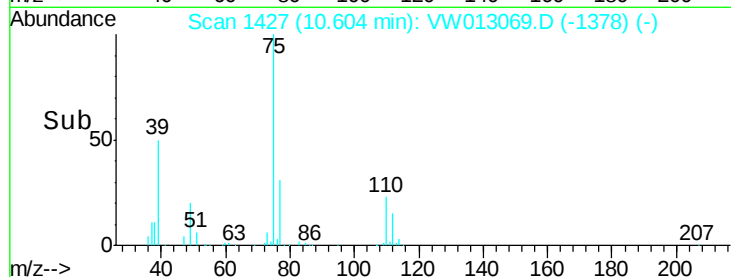
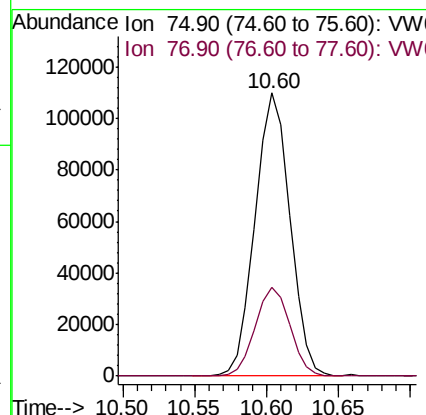
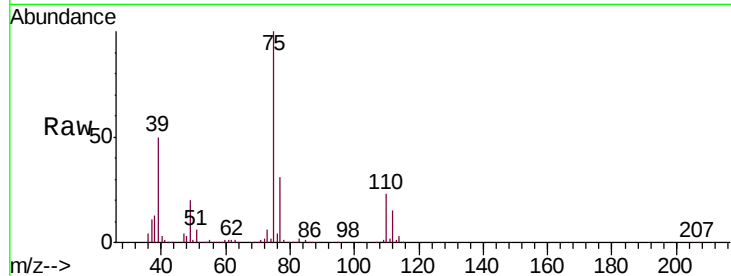




#53
t-1,3-Dichloropropene
Concen: 48.931 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

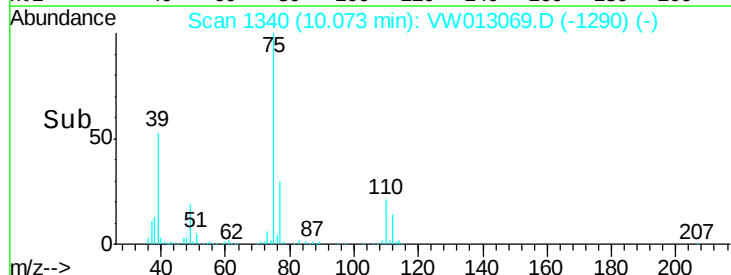
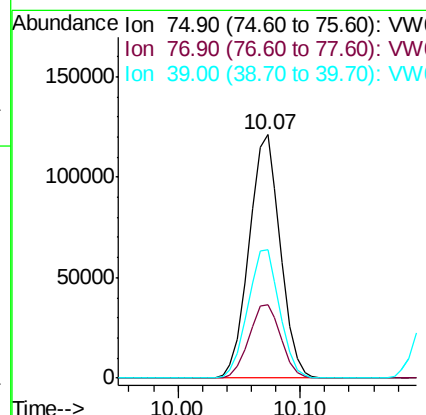
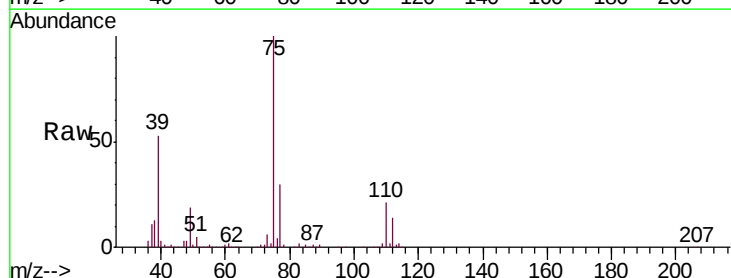
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

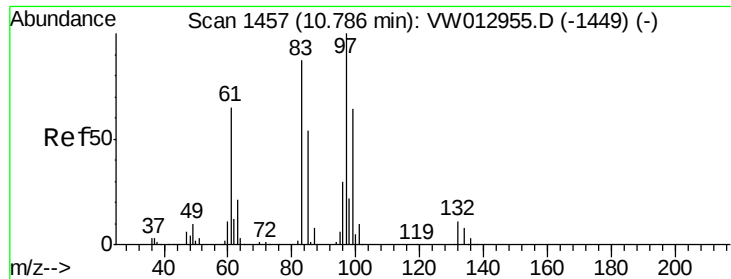
Tgt Ion: 75 Resp: 183981
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 49.982 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 75 Resp: 215028
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3
39 52.7 45.0 67.6

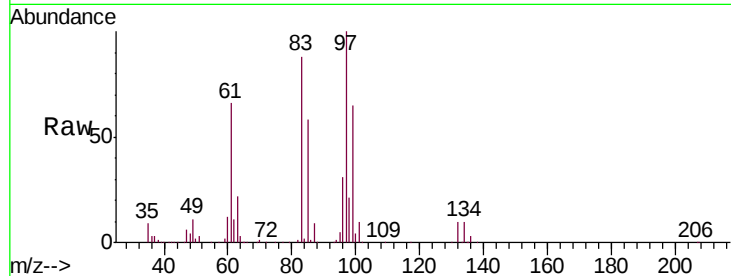




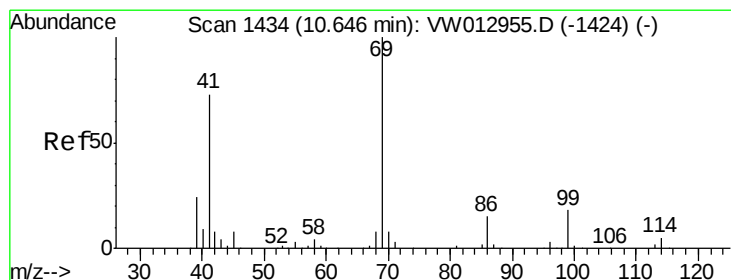
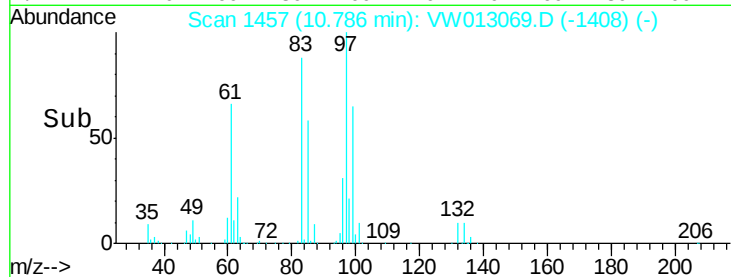
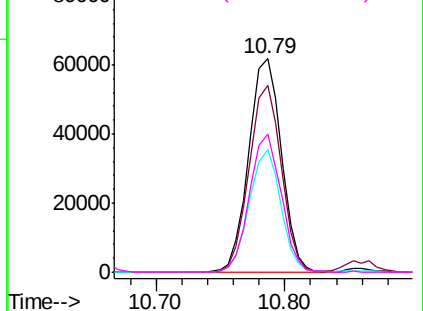
#55
 1,1,2-Trichloroethane
 Concen: 53.406 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Tgt Ion:	97	Resp:	108437
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.4	104.0
85	57.8	43.3	64.9
99	64.6	50.9	76.3

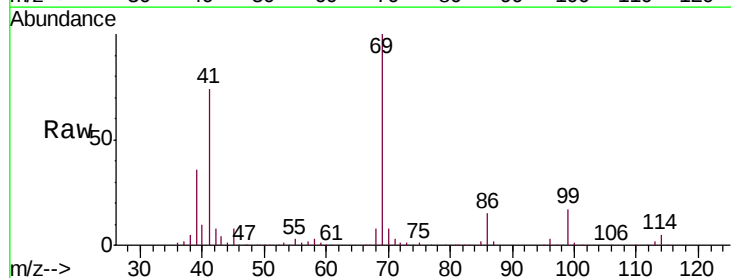


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

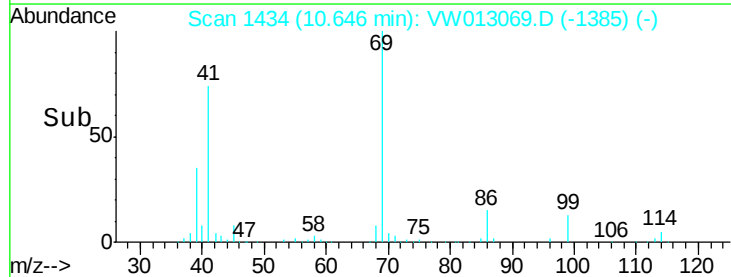
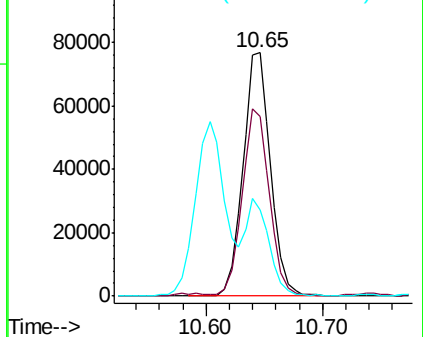


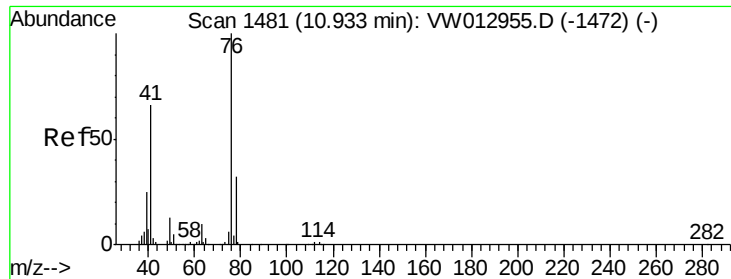
#56
 Ethyl methacrylate
 Concen: 46.266 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion:	69	Resp:	126447
Ion	Ratio	Lower	Upper
69	100		
41	75.0	60.8	91.2
39	33.8	29.4	44.0



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

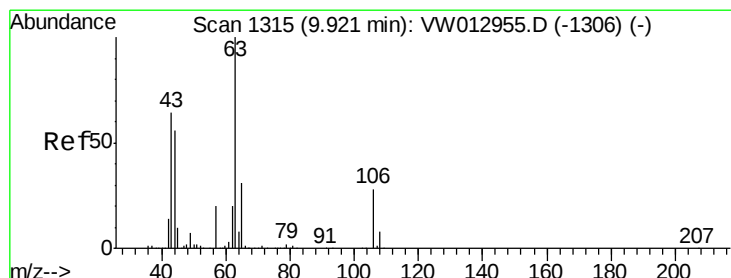
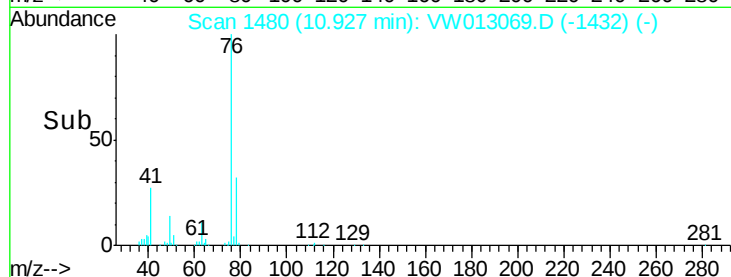
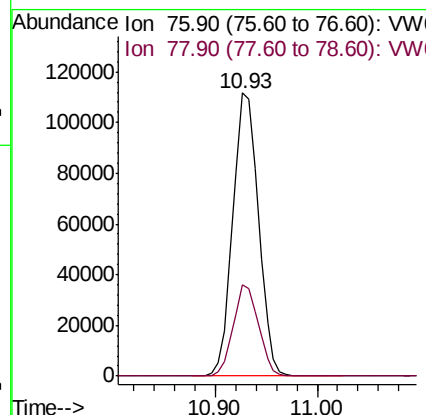
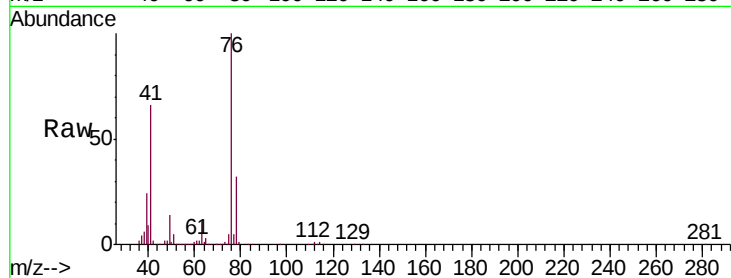




#57
 1,3-Dichloropropane
 Concen: 53.894 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

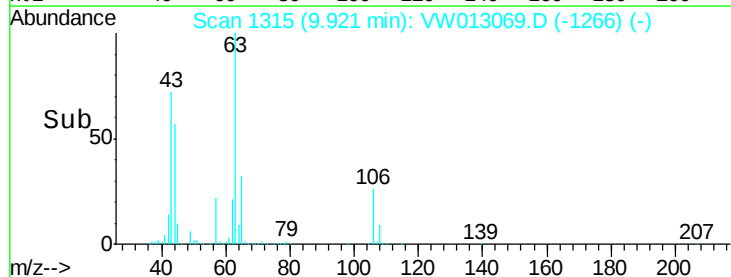
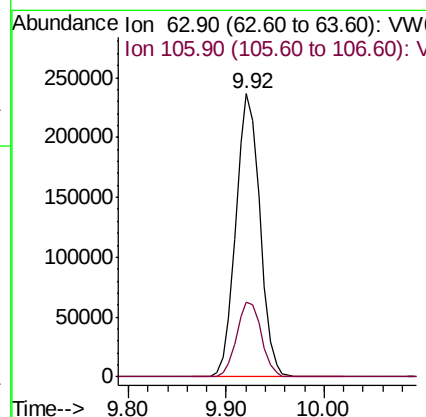
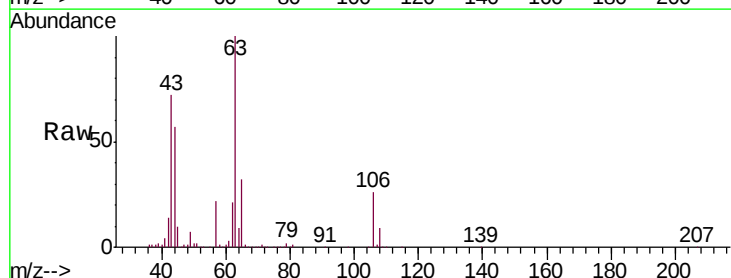
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

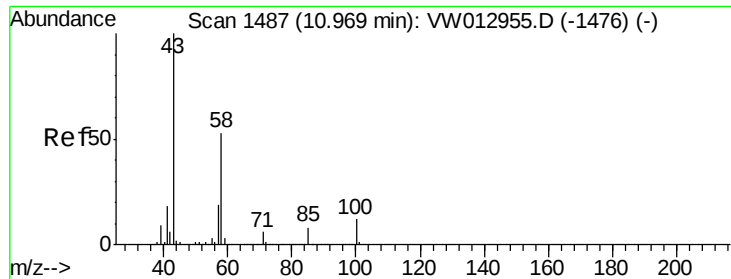
Tgt Ion: 76 Resp: 194115
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.576 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 63 Resp: 404015
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.2 33.2

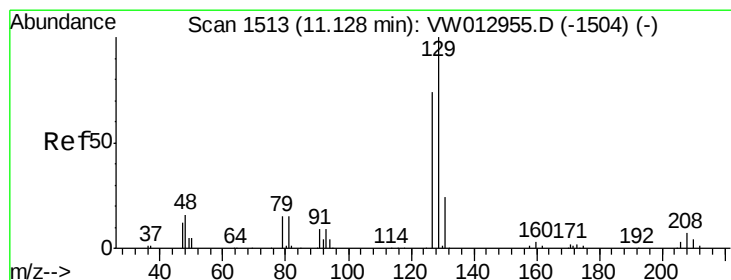
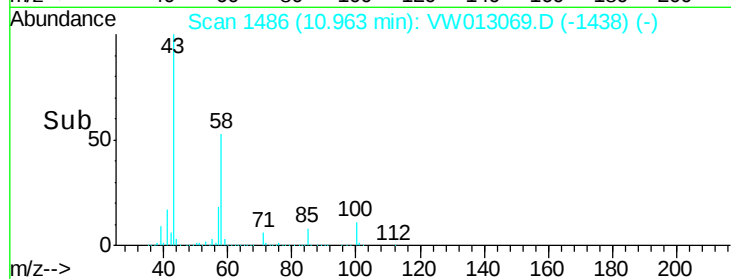
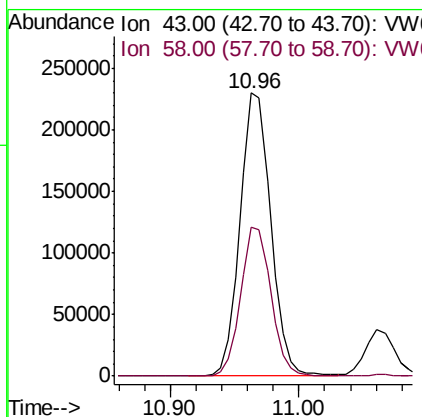
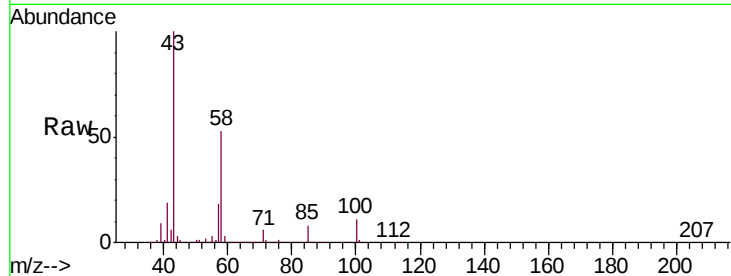




#59
2-Hexanone
Concen: 276.734 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

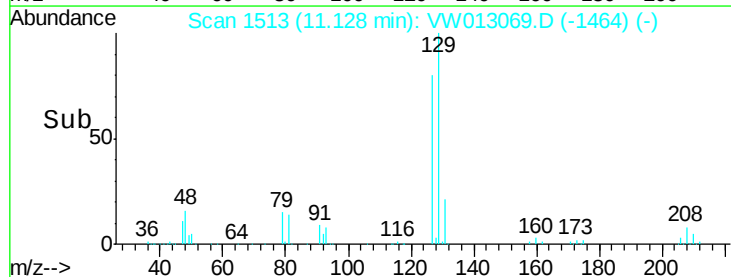
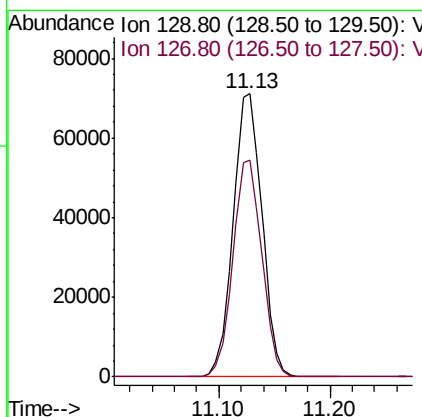
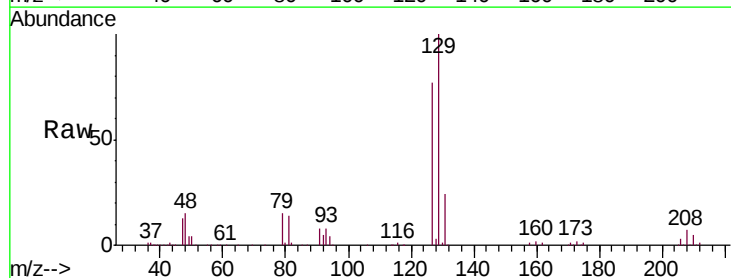
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

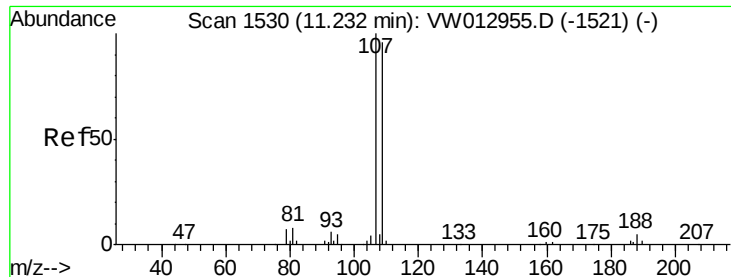
Tgt Ion: 43 Resp: 380278
Ion Ratio Lower Upper
43 100
58 51.8 25.8 77.3



#60
Dibromochloromethane
Concen: 51.919 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 129 Resp: 127450
Ion Ratio Lower Upper
129 100
127 76.8 37.4 112.2

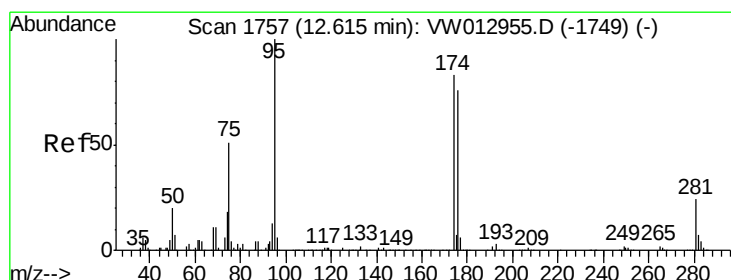
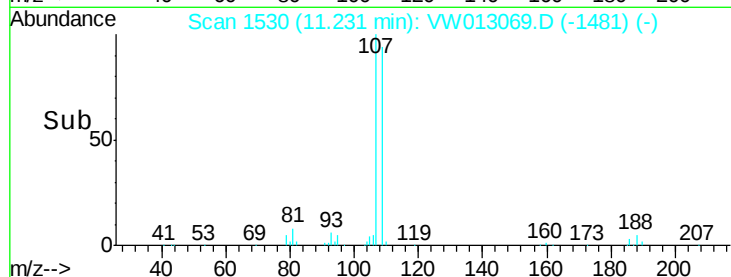
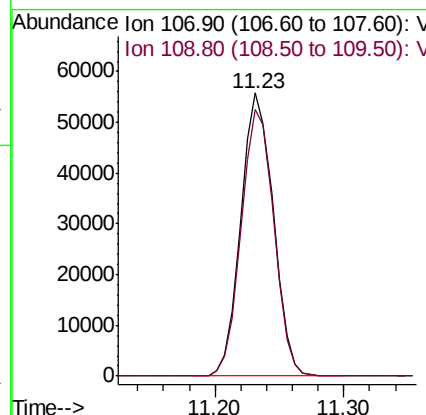
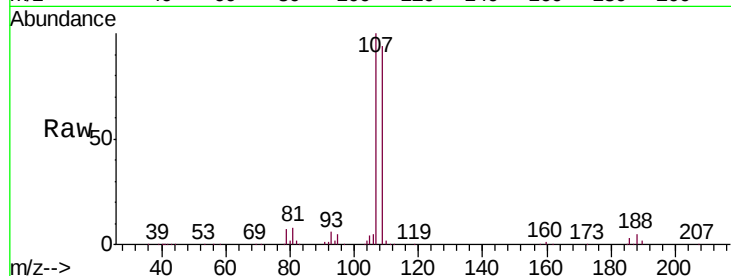




#61
 1,2-Dibromoethane
 Concen: 52.460 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

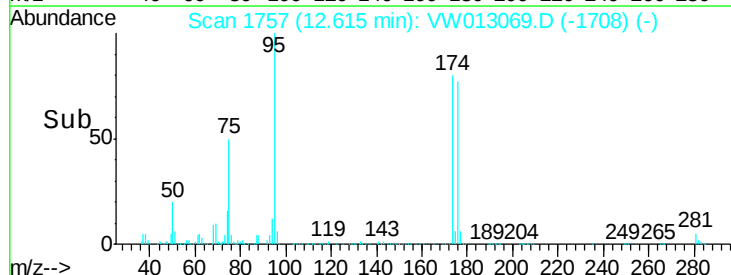
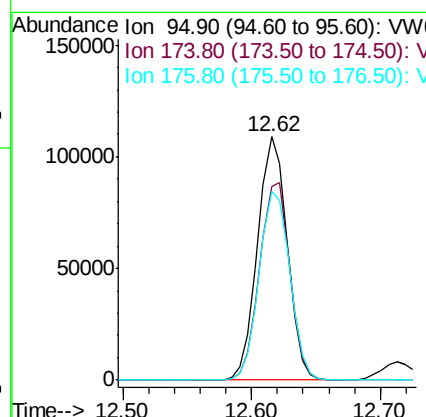
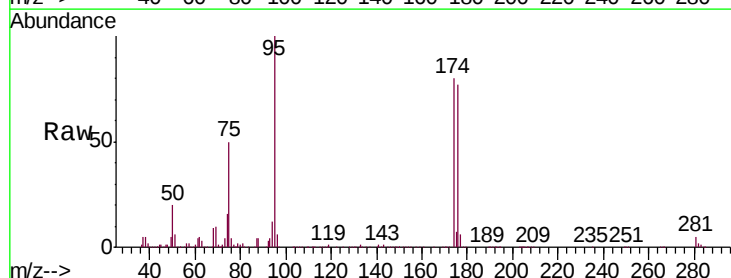
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

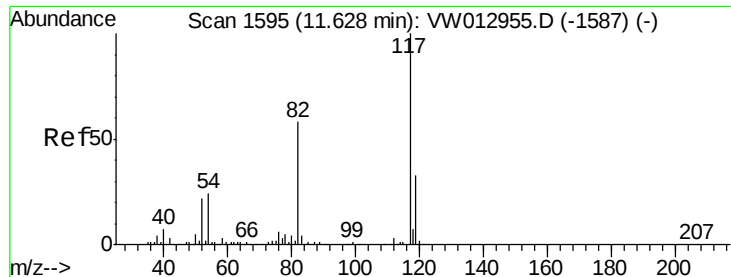
Tgt Ion: 107 Resp: 97169
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.390 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 95 Resp: 173416
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 170.4
 176 80.4 0.0 164.6

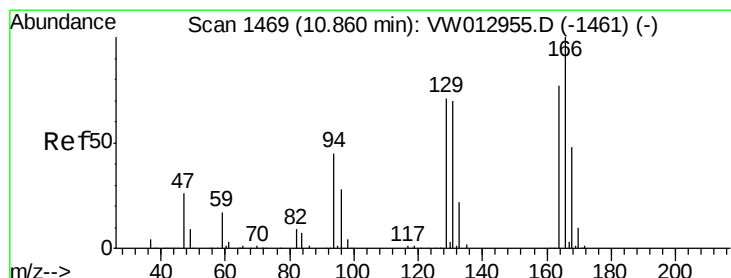
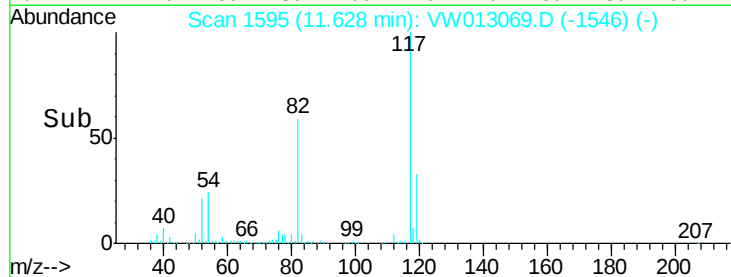
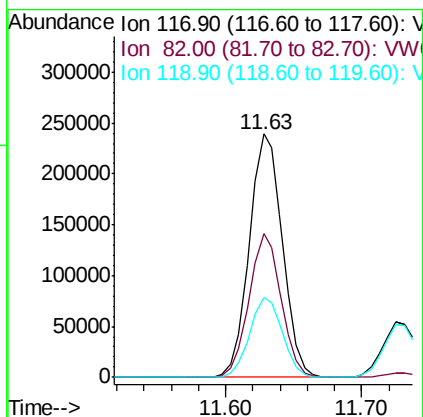
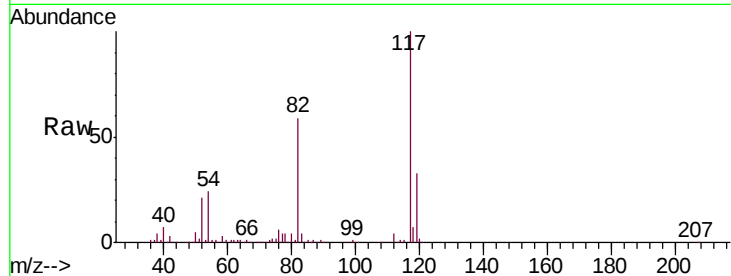




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

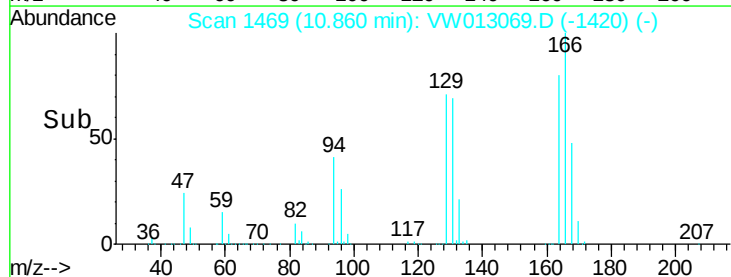
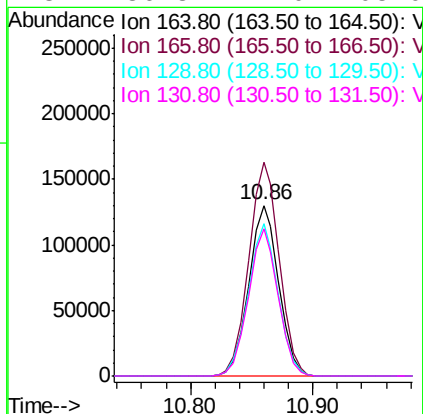
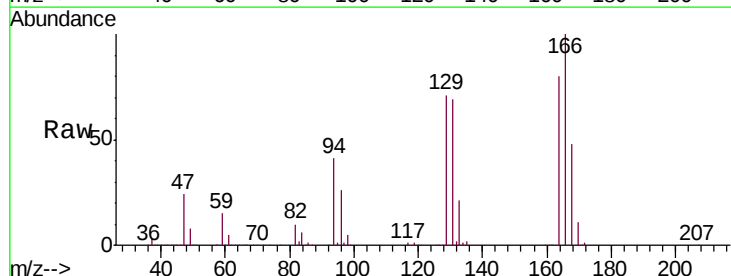
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

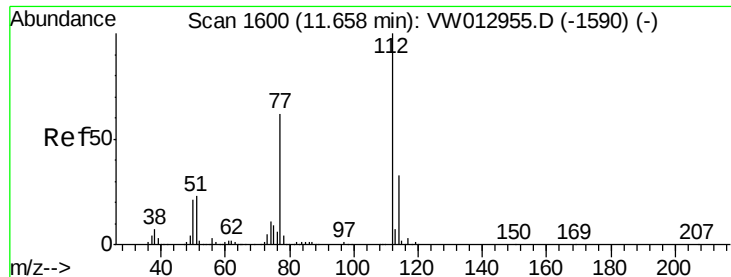
Tgt Ion:117 Resp: 407524
Ion Ratio Lower Upper
117 100
82 59.3 46.3 69.5
119 32.7 26.2 39.4



#64
Tetrachloroethene
Concen: 90.914 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion:164 Resp: 220411
Ion Ratio Lower Upper
164 100
166 125.5 103.3 154.9
129 89.2 73.8 110.8
131 86.3 72.0 108.0

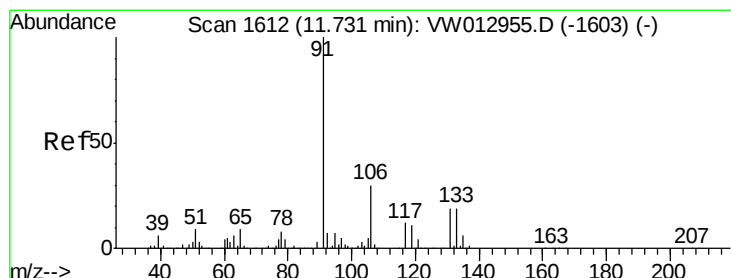
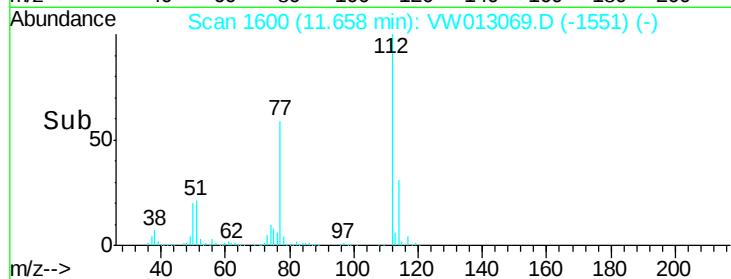
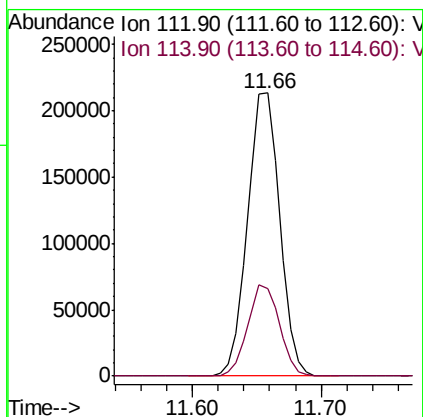
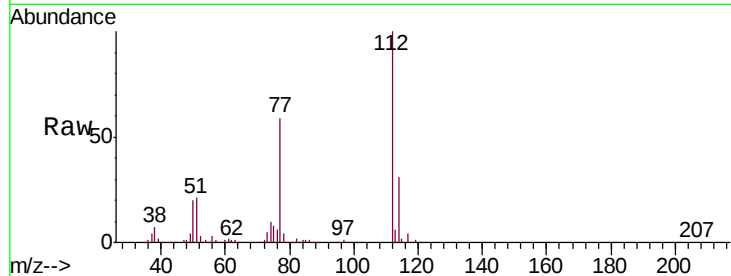




#65
Chlorobenzene
Concen: 50.586 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

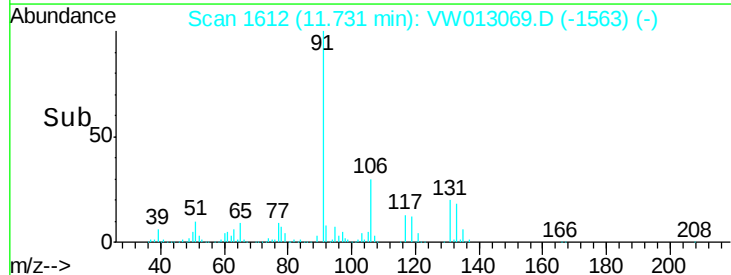
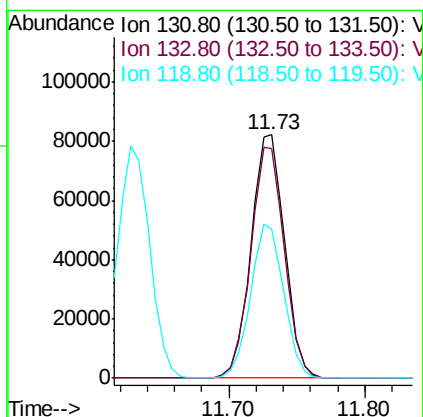
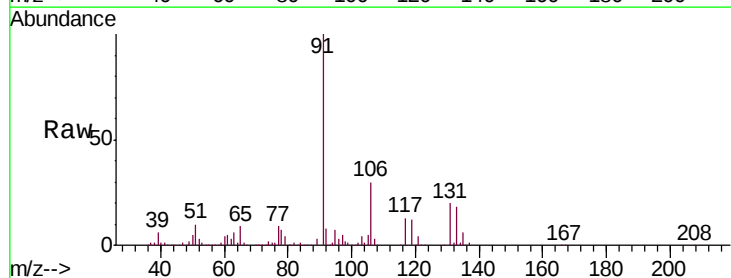
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

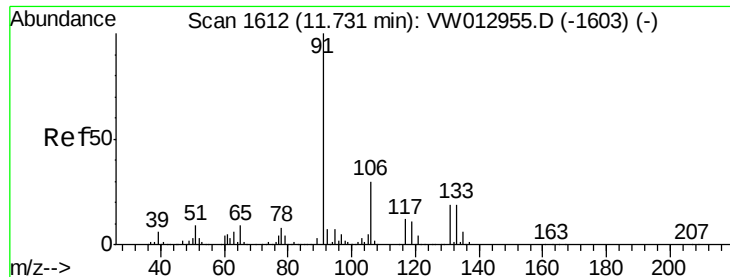
Tgt Ion:112 Resp: 367198
Ion Ratio Lower Upper
112 100
114 30.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.082 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion:131 Resp: 142097
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 62.6 30.9 92.7

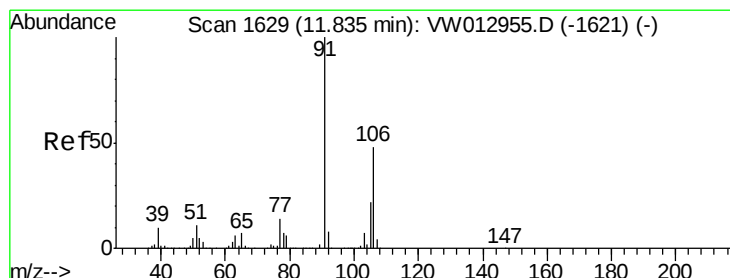
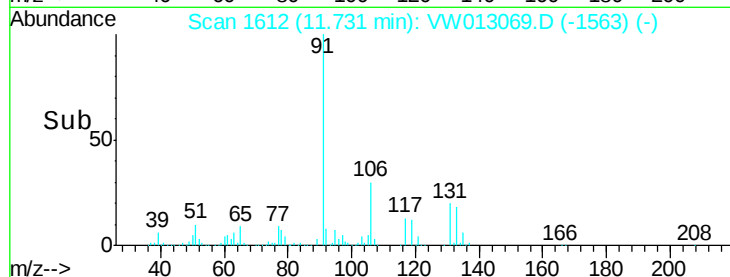
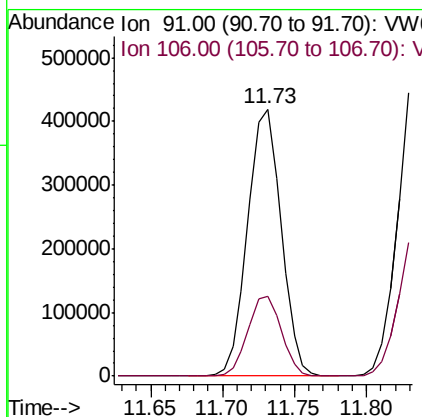
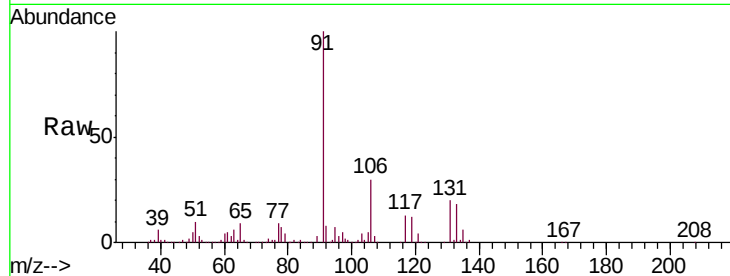




#67
Ethyl Benzene
Concen: 50.504 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

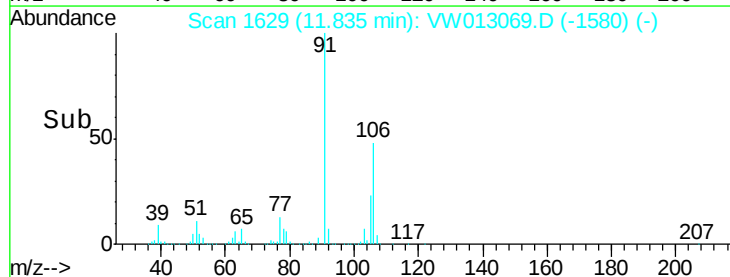
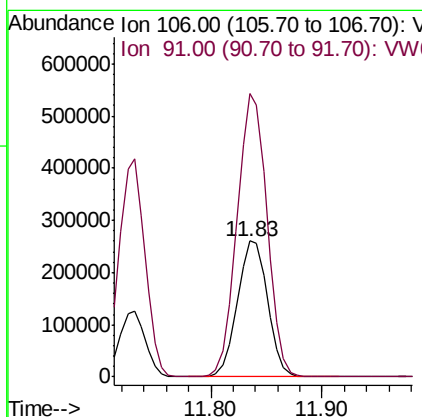
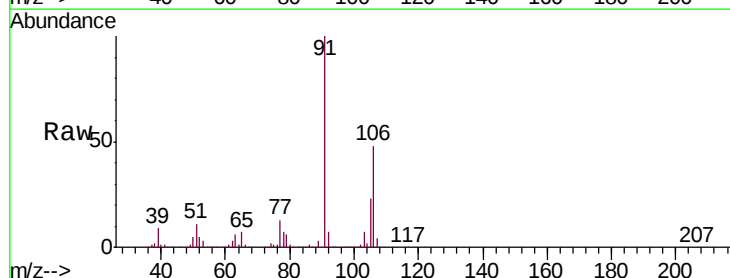
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

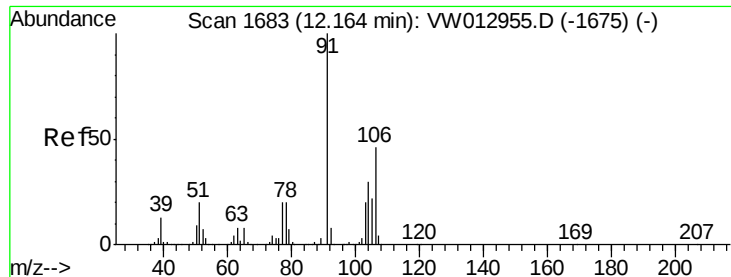
Tgt Ion: 91 Resp: 677074
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 99.943 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 106 Resp: 489472
Ion Ratio Lower Upper
106 100
91 206.1 165.8 248.8

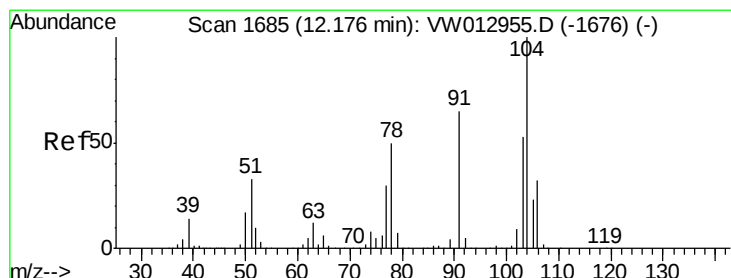
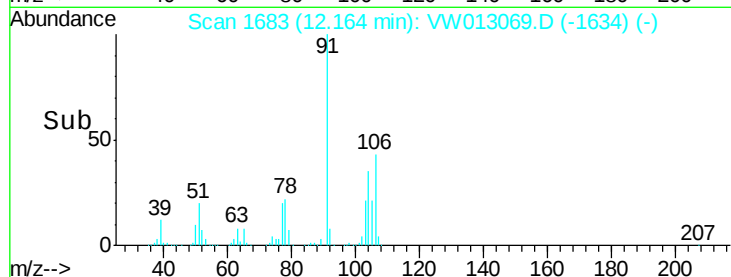
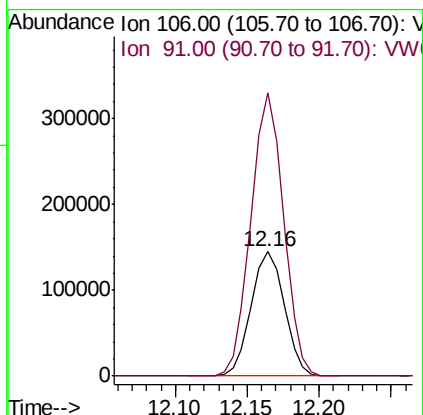
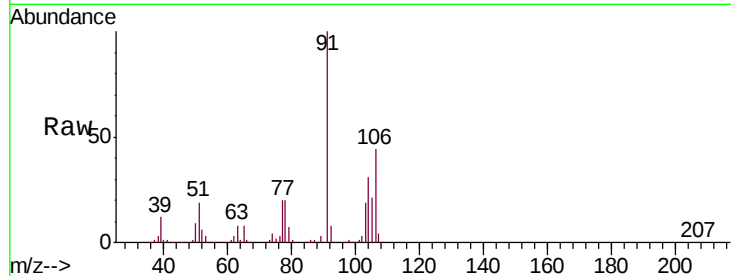




#69
o-Xylene
Concen: 50.545 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

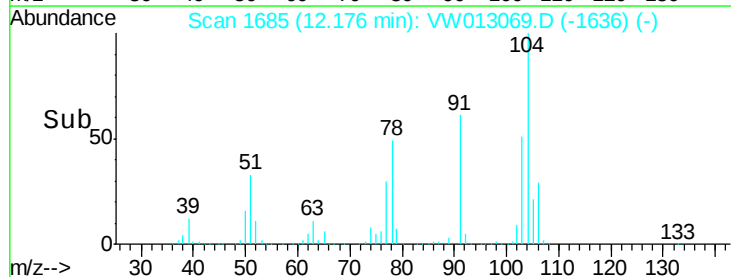
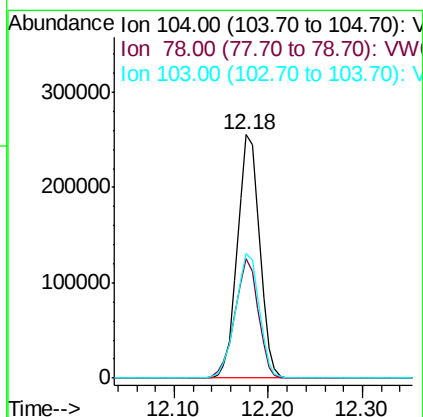
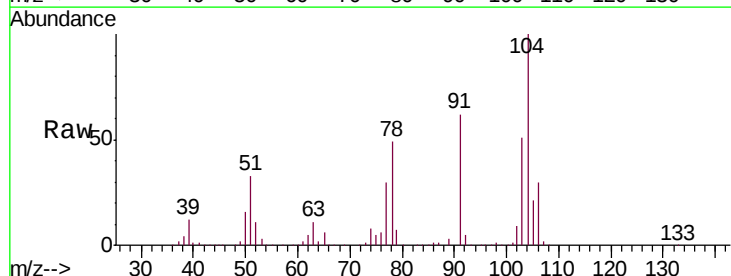
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

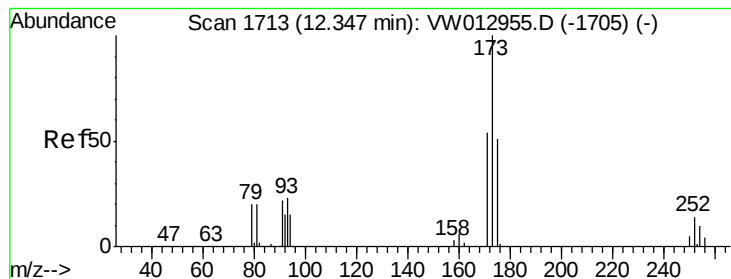
Tgt Ion:106 Resp: 232077
Ion Ratio Lower Upper
106 100
91 223.2 109.7 329.0



#70
Styrene
Concen: 51.372 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion:104 Resp: 419598
Ion Ratio Lower Upper
104 100
78 51.6 42.1 63.1
103 54.9 44.2 66.4





#71

Bromoform

Concen: 50.393 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

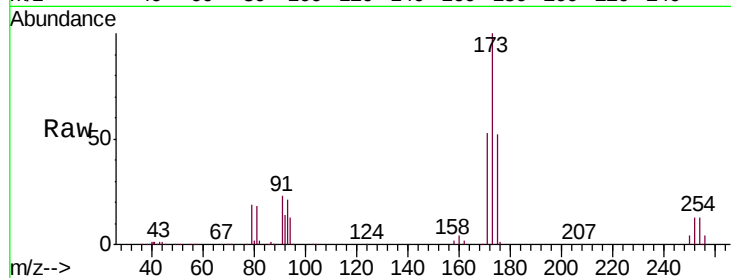
Tgt Ion:173 Resp: 73633

Ion Ratio Lower Upper

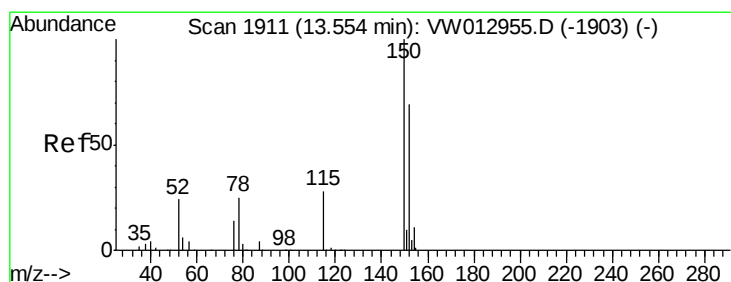
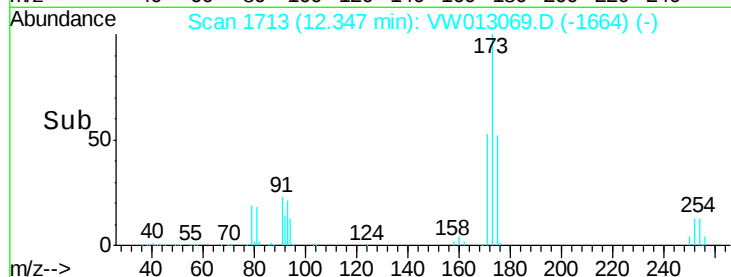
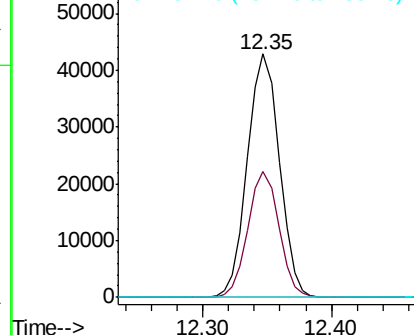
173 100

175 50.1 24.2 72.6

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: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

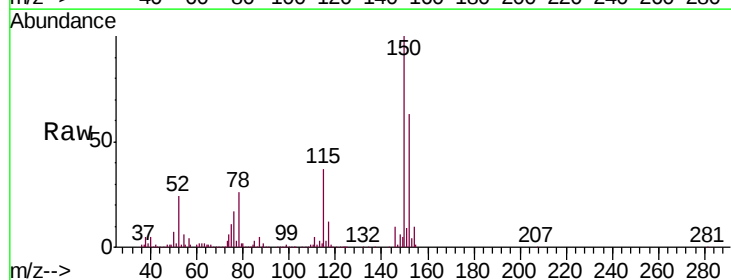
Tgt Ion:152 Resp: 190123

Ion Ratio Lower Upper

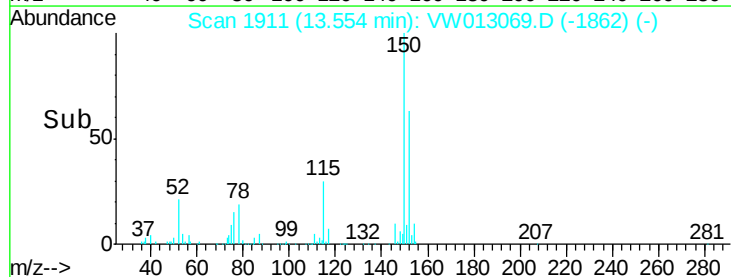
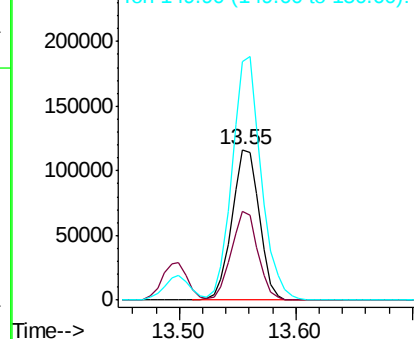
152 100

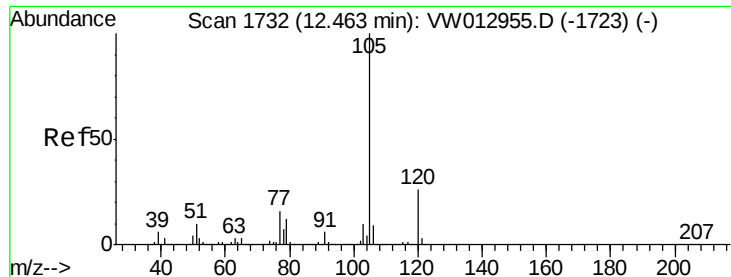
115 57.3 28.8 86.4

150 170.6 0.0 340.2



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





#73

Isopropylbenzene

Concen: 52.773 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

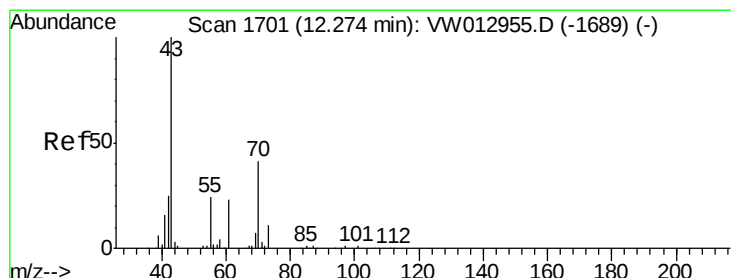
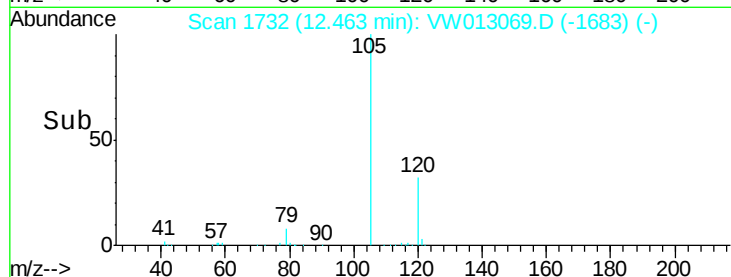
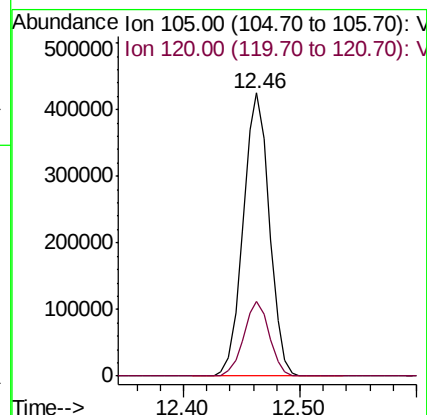
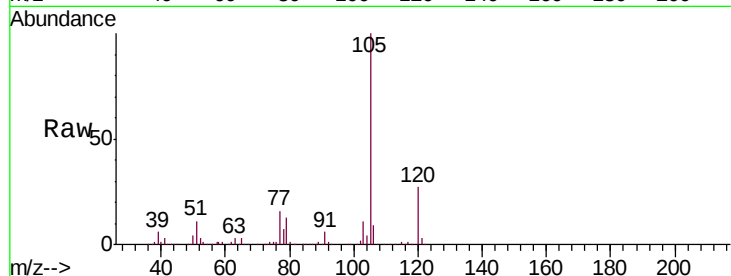
SB-3C-(9)MSD

Tgt Ion:105 Resp: 665042

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 16.516 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion: 43 Resp: 53541

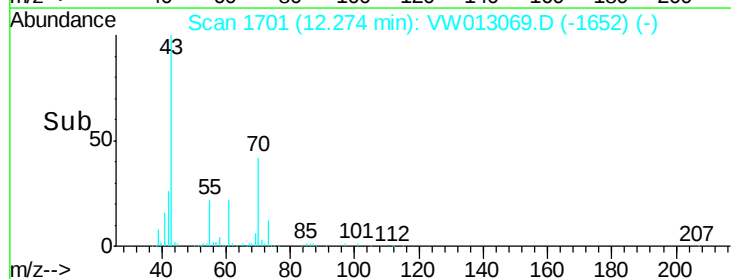
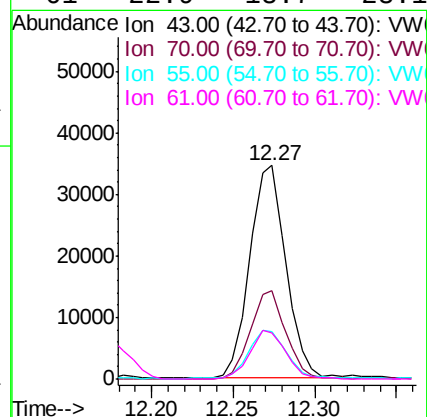
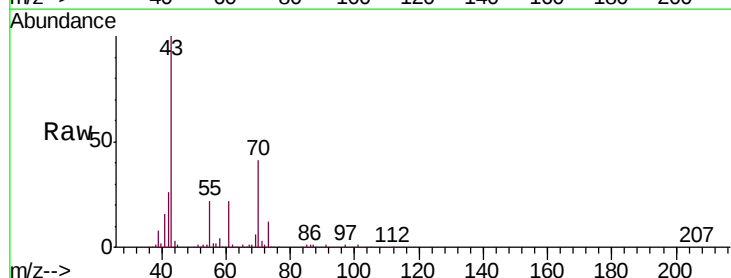
Ion Ratio Lower Upper

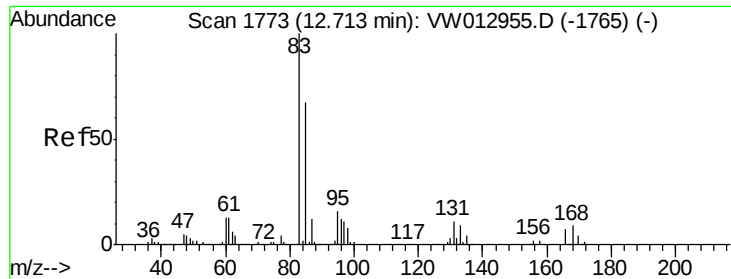
43 100

70 40.8 31.7 47.5

55 24.8 19.4 29.2

61 22.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 38.213 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

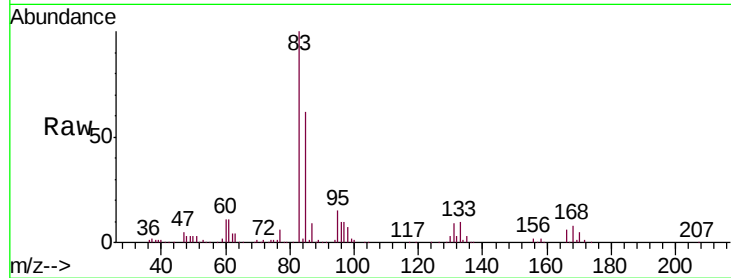
Tgt Ion: 83 Resp: 84580

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.1

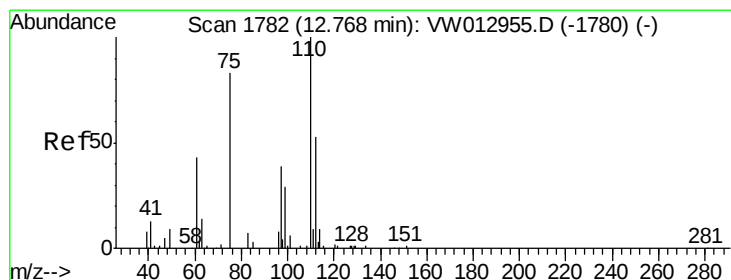
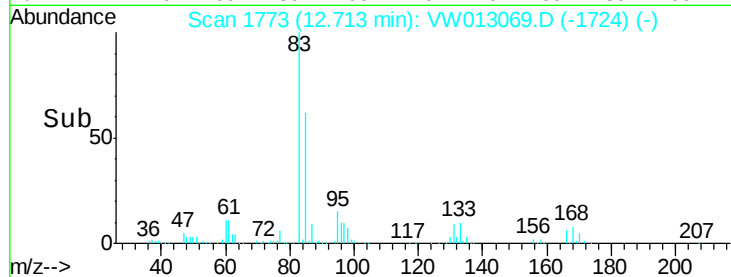
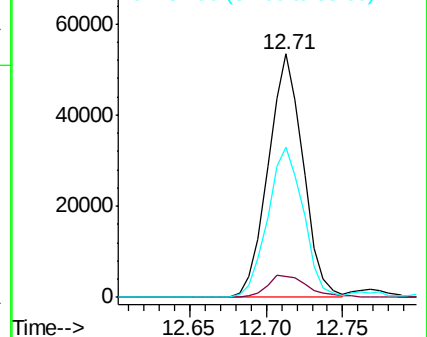
85 63.2 31.4 94.3



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: 95.289 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013069.D

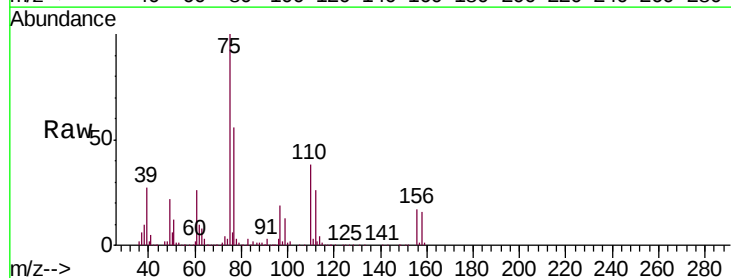
Acq: 17 Sep 2019 04:56

Tgt Ion: 75 Resp: 158688

Ion Ratio Lower Upper

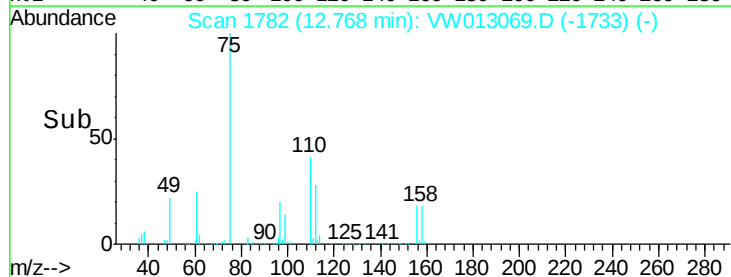
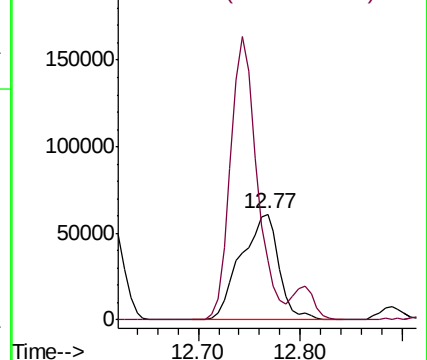
75 100

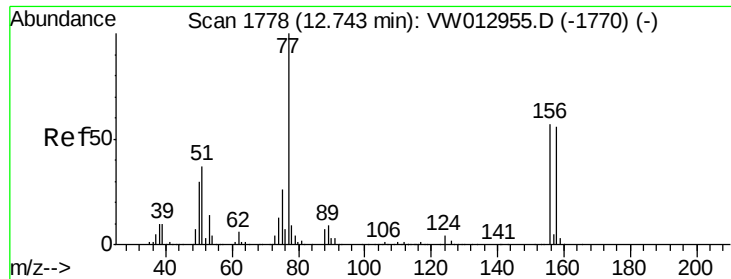
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.199 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

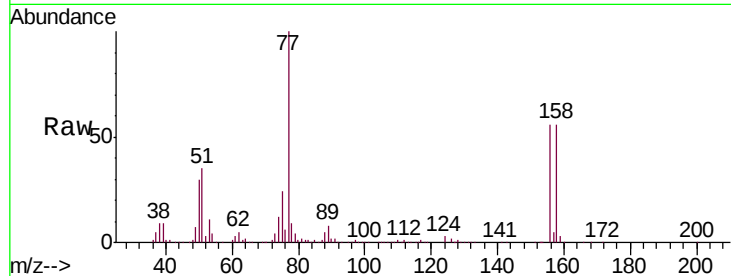
Tgt Ion: 156 Resp: 154445

Ion Ratio Lower Upper

156 100

77 192.5 95.2 285.6

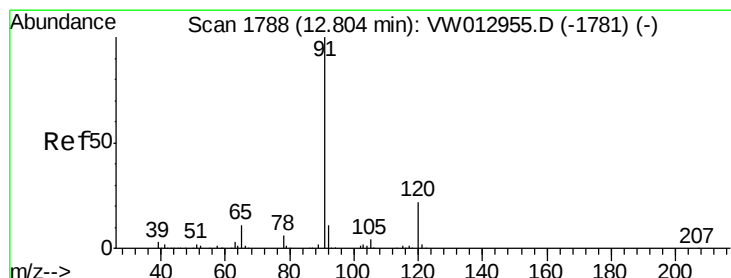
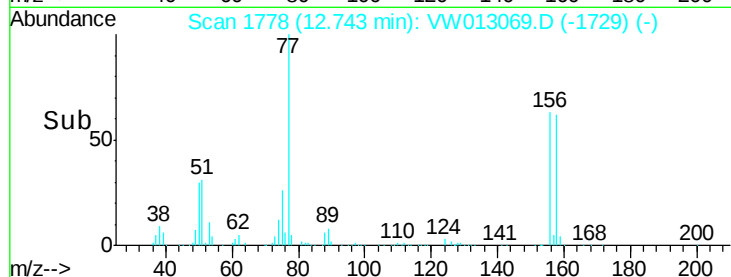
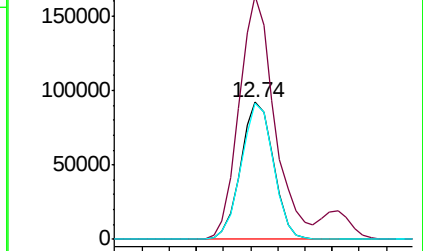
158 97.7 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.407 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013069.D

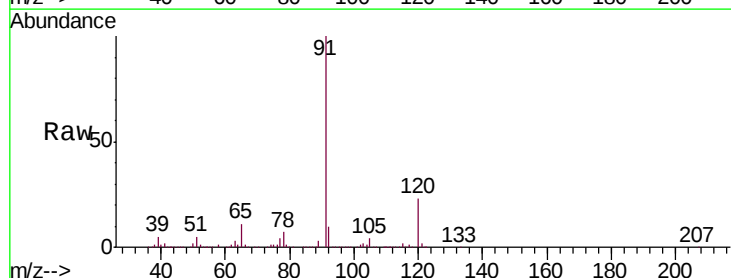
Acq: 17 Sep 2019 04:56

Tgt Ion: 91 Resp: 762034

Ion Ratio Lower Upper

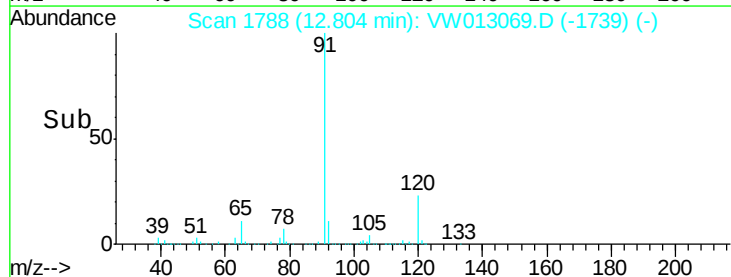
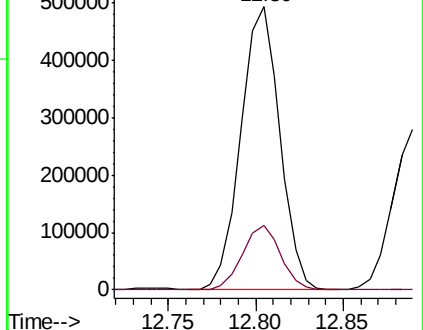
91 100

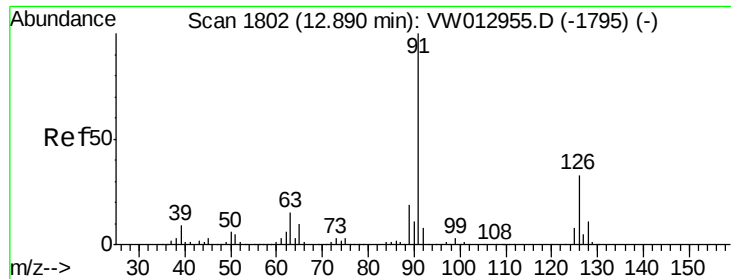
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

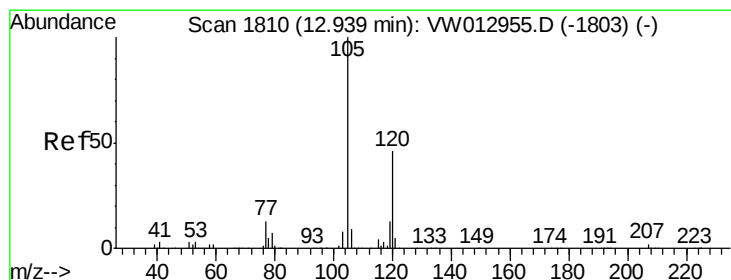
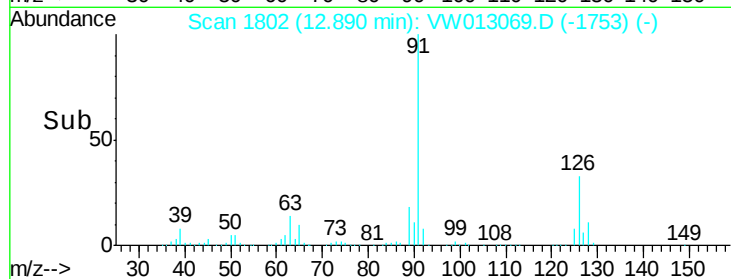
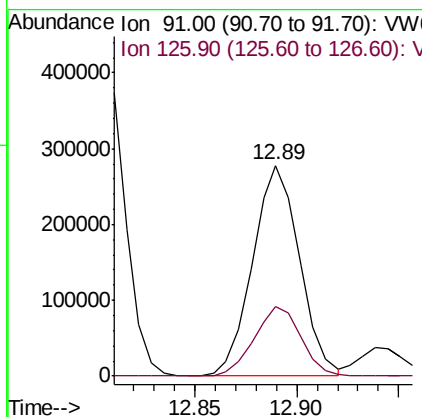
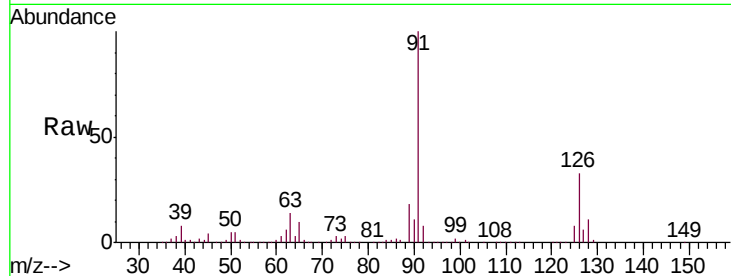




#79
 2-Chlorotoluene
 Concen: 52.329 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

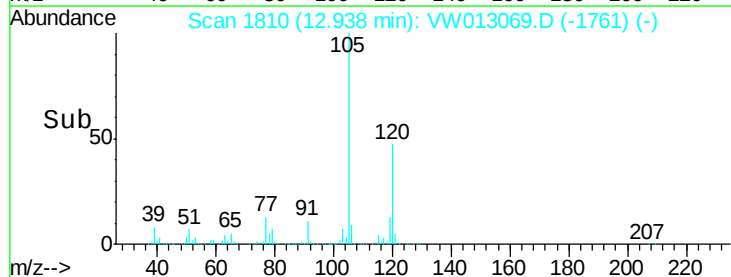
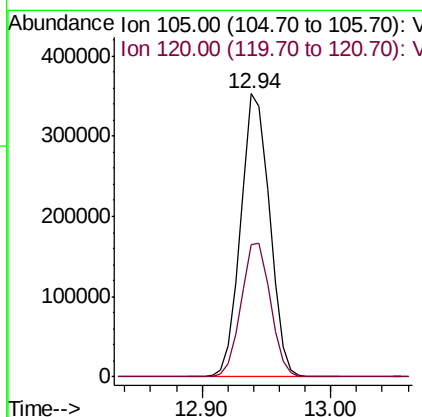
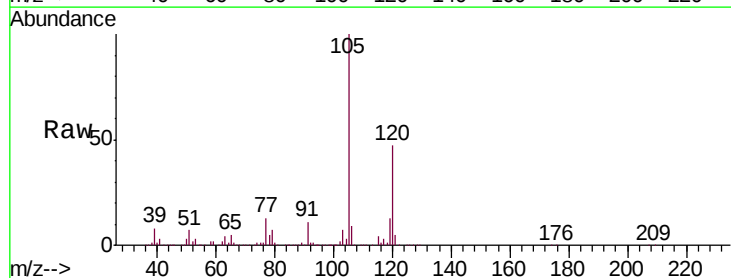
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

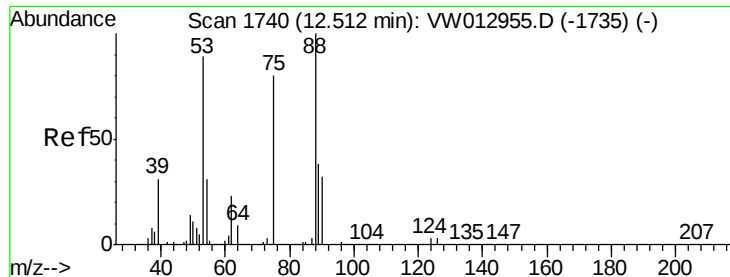
Tgt Ion: 91 Resp: 445922
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.238 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 105 Resp: 546258
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.404 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

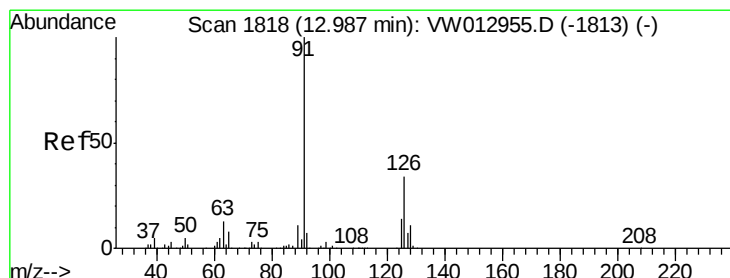
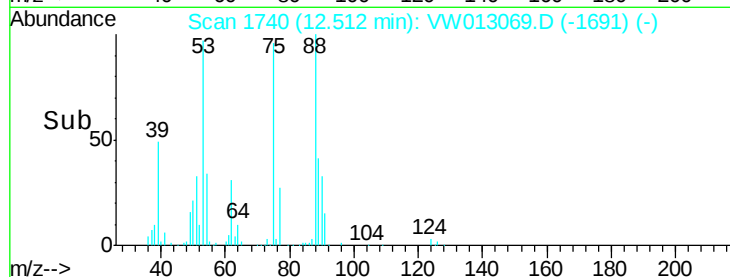
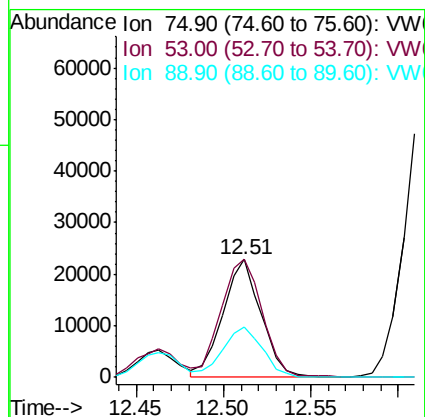
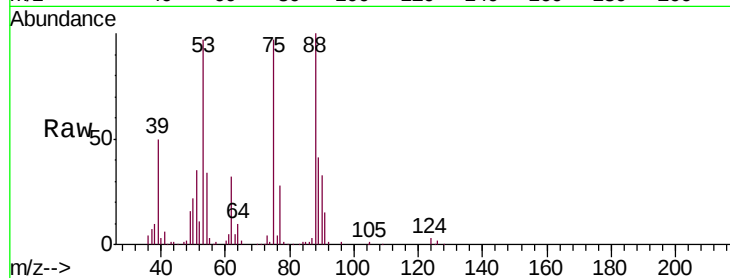
Tgt Ion: 75 Resp: 34066

Ion Ratio Lower Upper

75 100

53 110.9 85.6 128.4

89 45.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 50.718 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013069.D

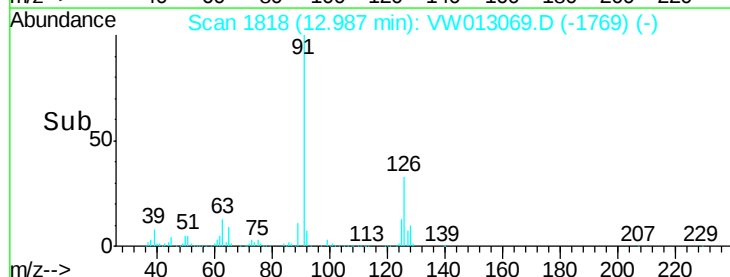
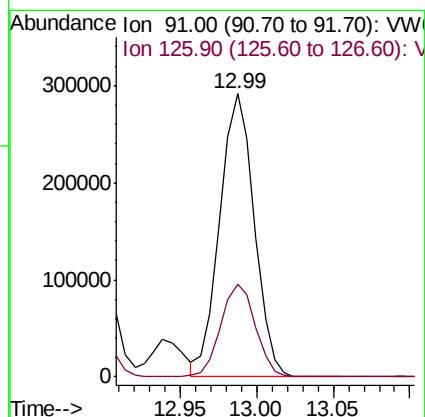
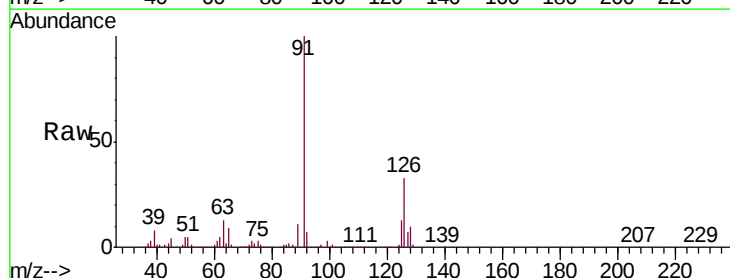
Acq: 17 Sep 2019 04:56

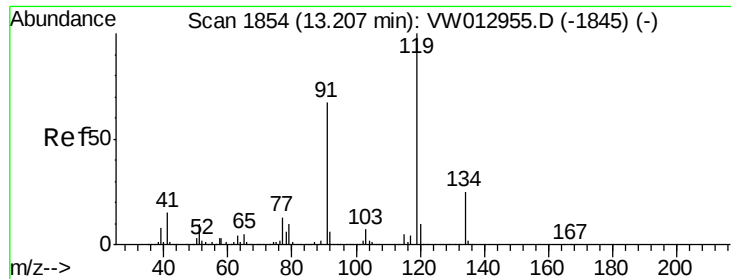
Tgt Ion: 91 Resp: 456007

Ion Ratio Lower Upper

91 100

126 33.0 16.1 48.3

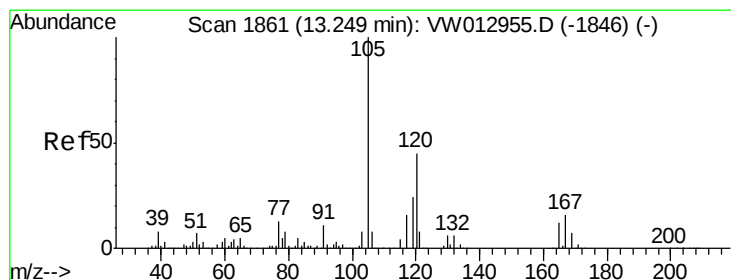
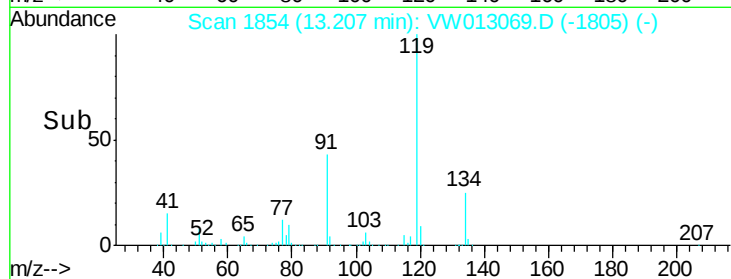
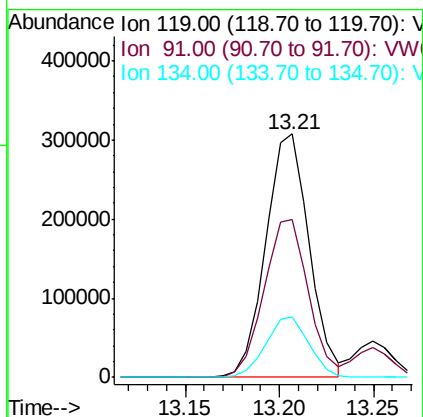
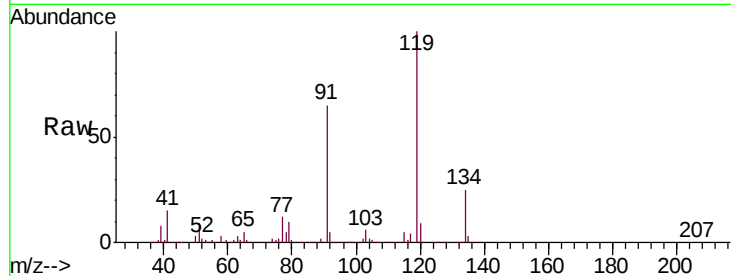




#83
 tert-Butylbenzene
 Concen: 51.421 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

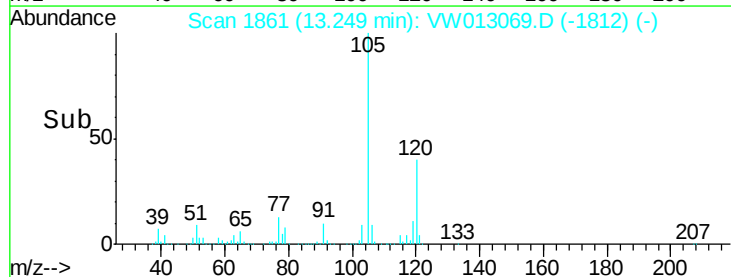
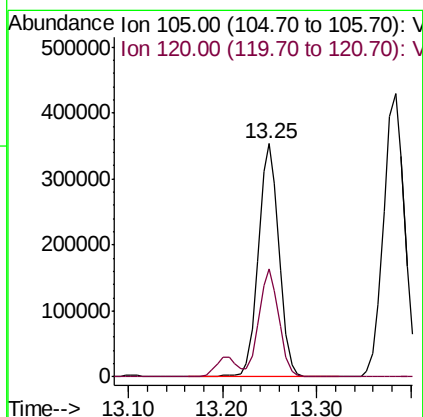
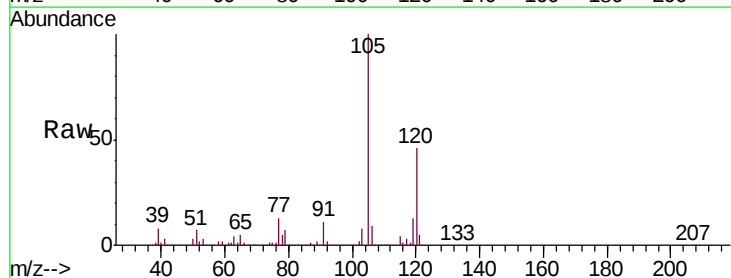
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

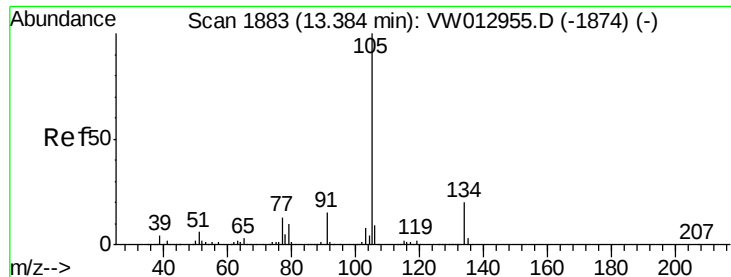
Tgt Ion:119 Resp: 490357
 Ion Ratio Lower Upper
 119 100
 91 66.4 32.6 98.0
 134 24.6 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.979 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion:105 Resp: 547594
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.9 65.7

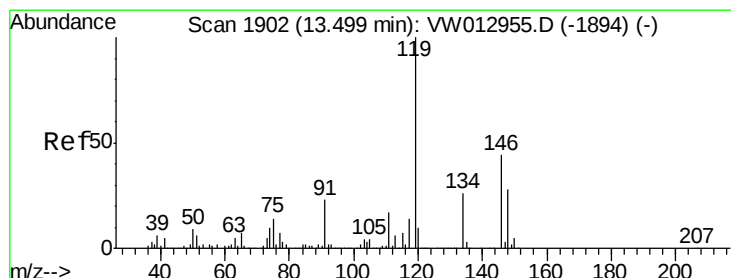
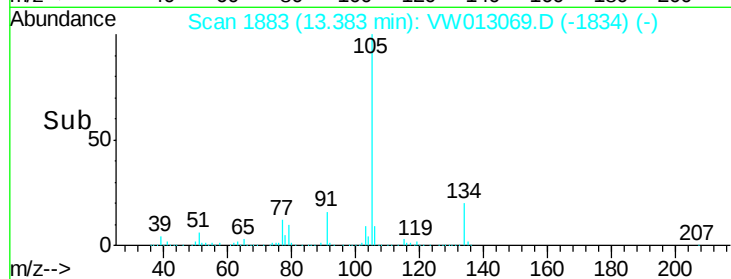
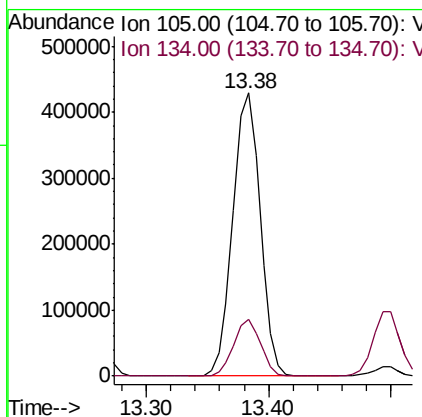
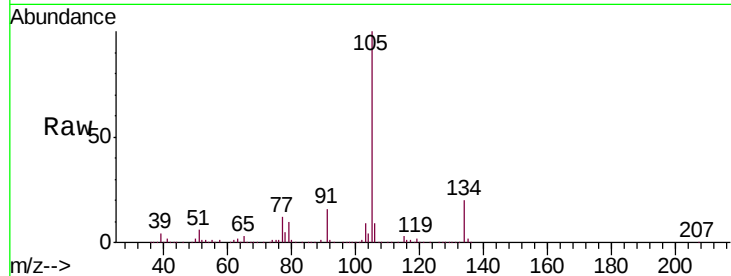




#85
 sec-Butylbenzene
 Concen: 51.026 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

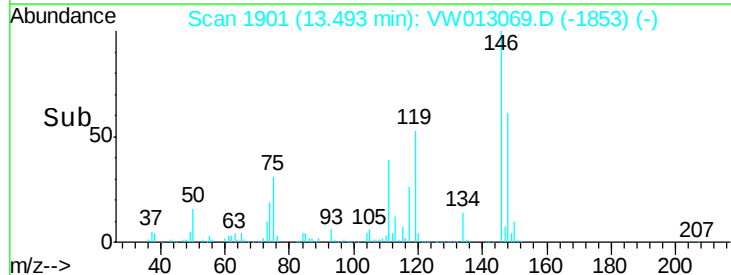
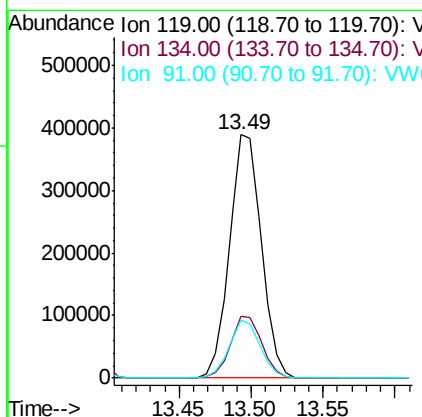
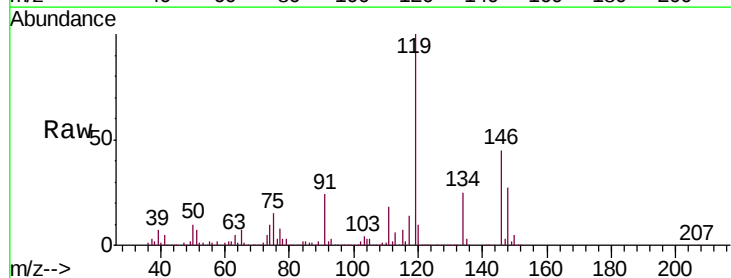
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

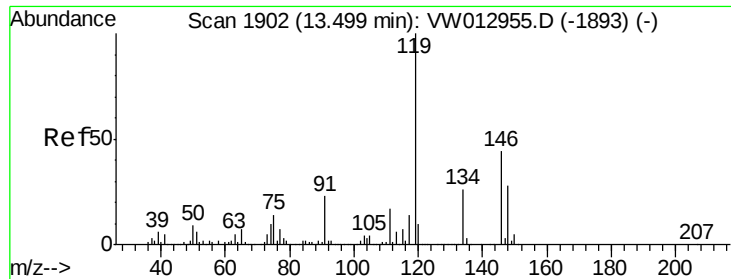
Tgt Ion:105 Resp: 662940
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 50.327 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion:119 Resp: 600328
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 23.1 11.8 35.4

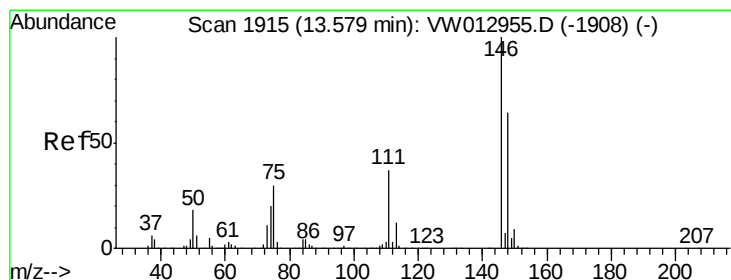
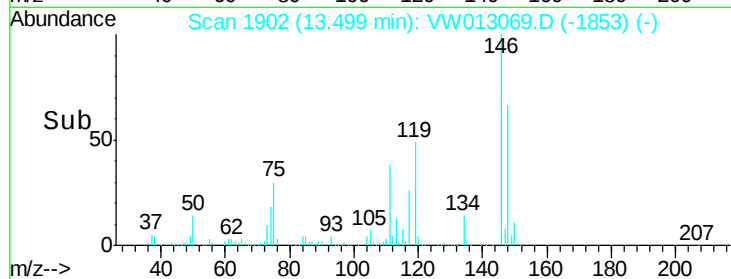
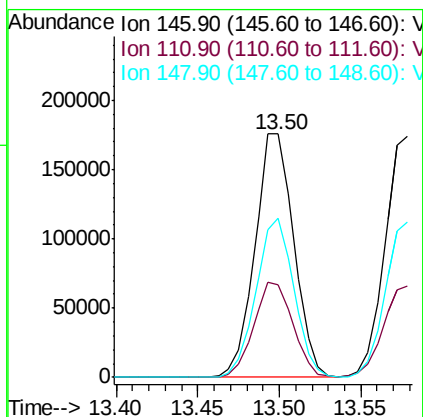
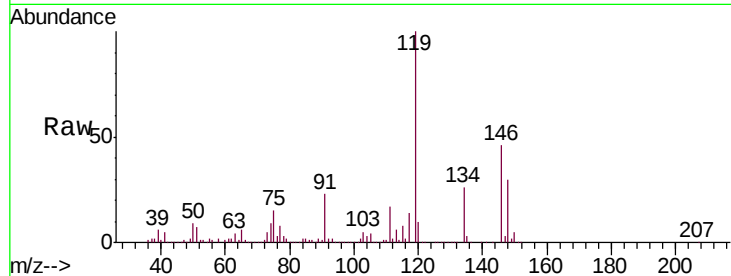




#87
 1,3-Dichlorobenzene
 Concen: 50.526 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

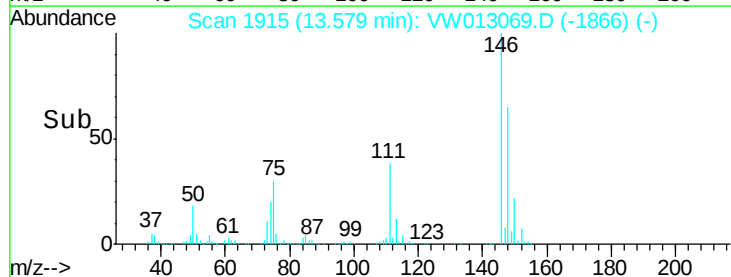
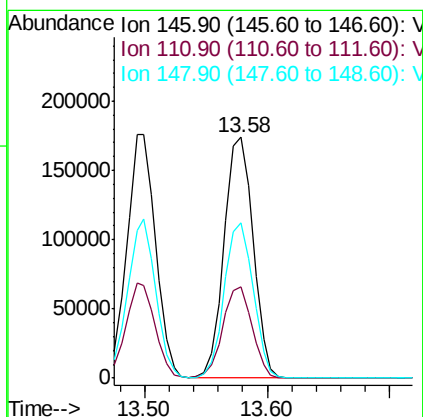
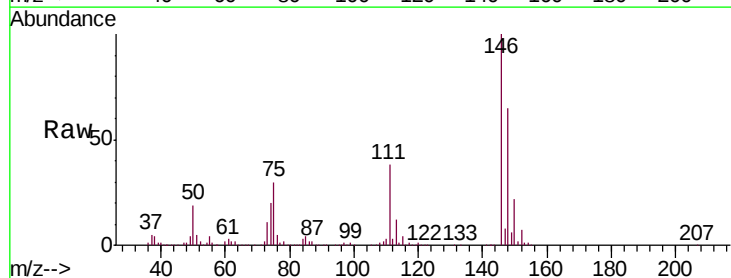
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

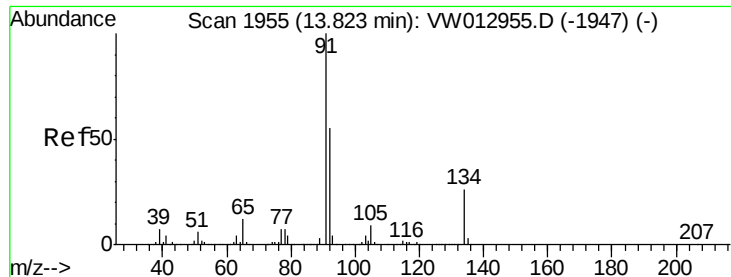
Tgt Ion:146 Resp: 290378
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.774 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion:146 Resp: 286751
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.2
 148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 47.592 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

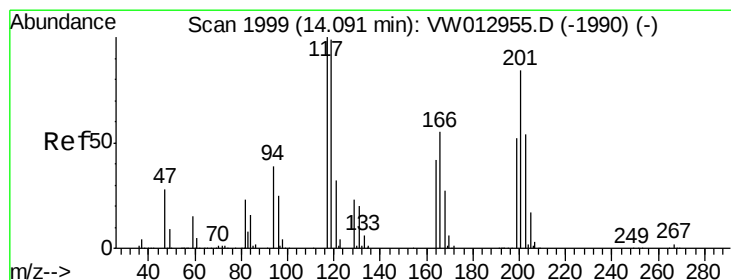
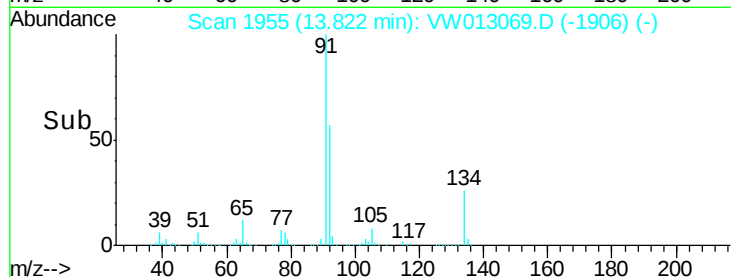
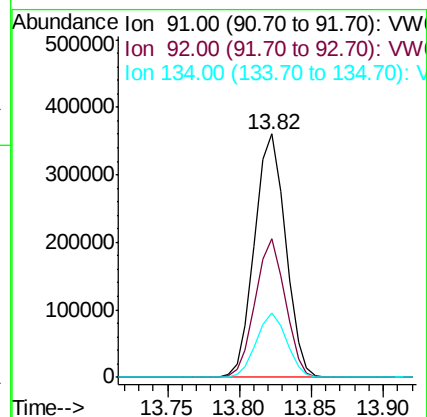
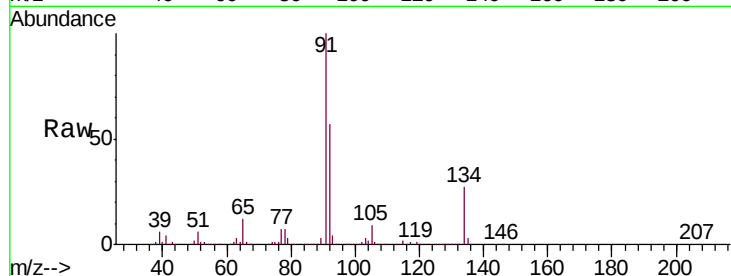
Tgt Ion: 91 Resp: 535392

Ion Ratio Lower Upper

91 100

92 55.2 27.2 81.5

134 26.0 13.1 39.1



#90

Hexachloroethane

Concen: 51.374 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013069.D

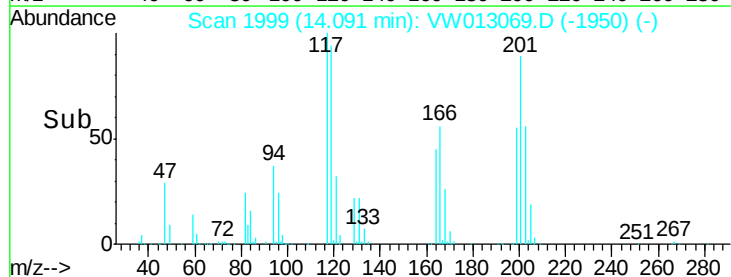
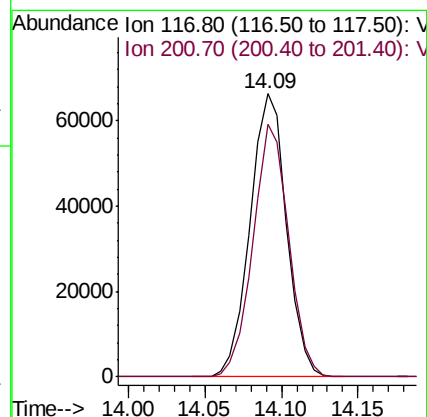
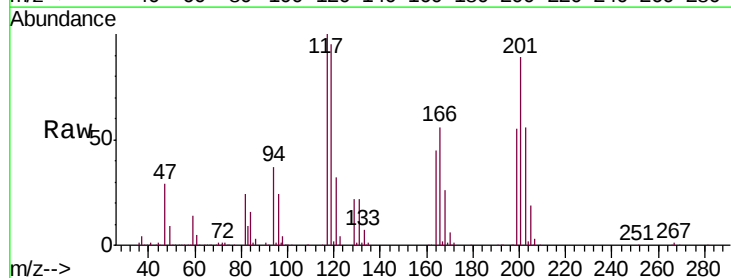
Acq: 17 Sep 2019 04:56

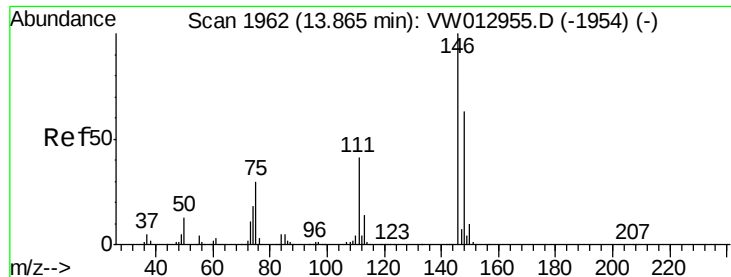
Tgt Ion: 117 Resp: 109819

Ion Ratio Lower Upper

117 100

201 87.6 45.3 135.9





#91

1,2-Dichlorobenzene

Concen: 52.936 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

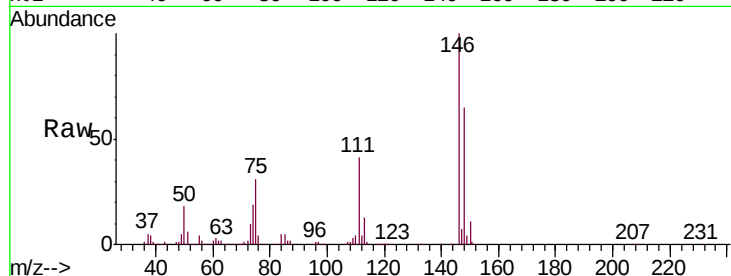
Tgt Ion:146 Resp: 267535

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.5

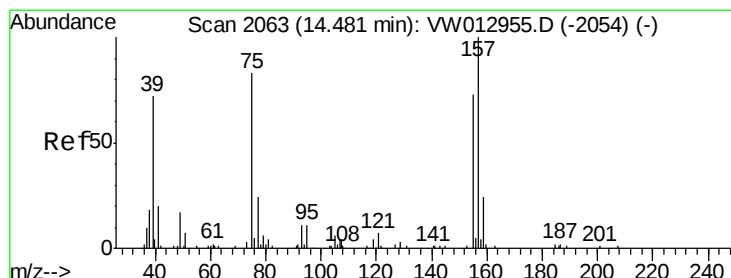
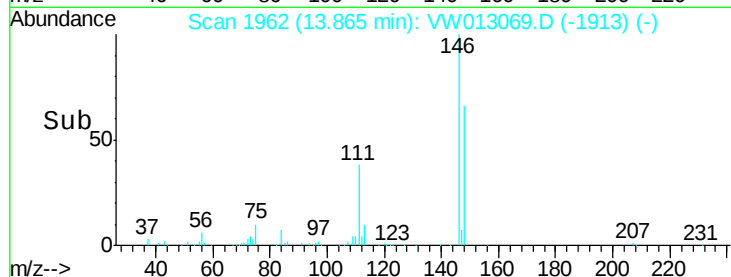
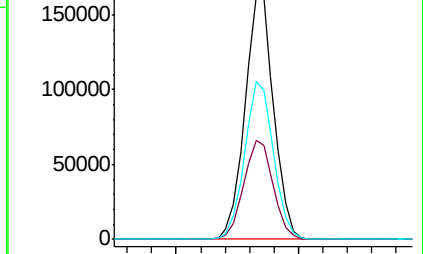
148 64.6 32.7 98.1



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: 52.774 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

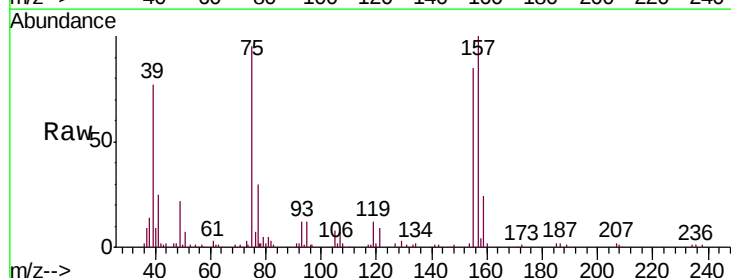
Tgt Ion: 75 Resp: 21381

Ion Ratio Lower Upper

75 100

155 87.5 43.3 129.9

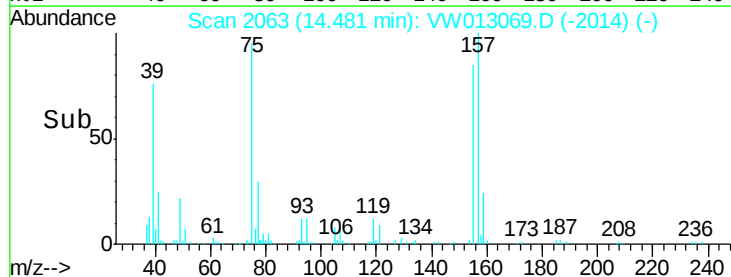
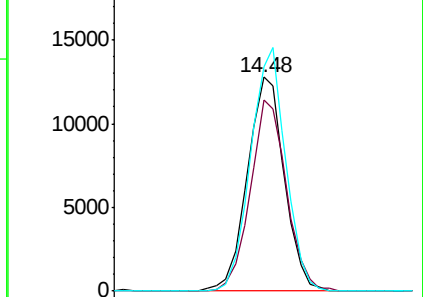
157 107.7 54.7 164.1



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

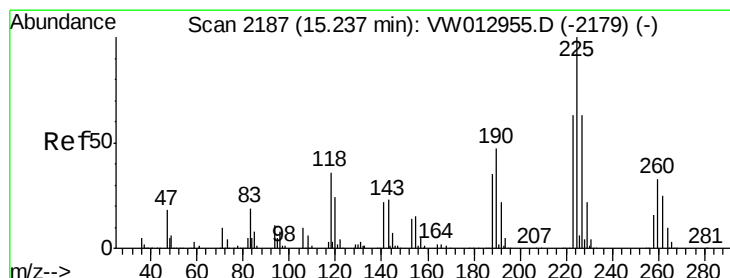
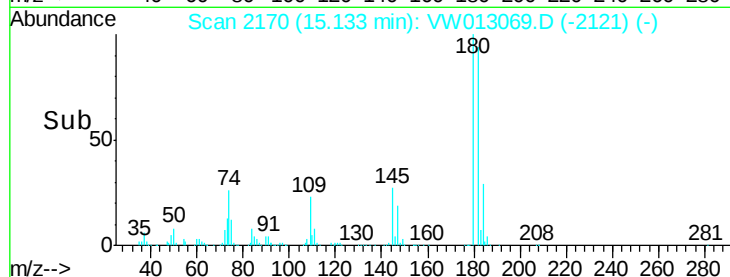
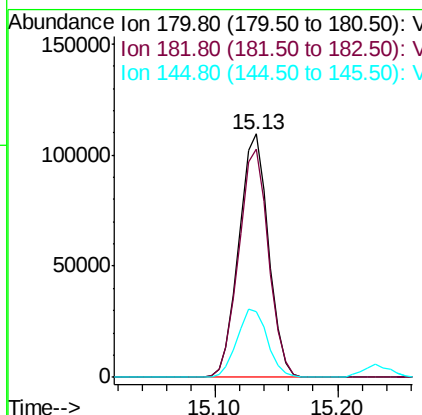
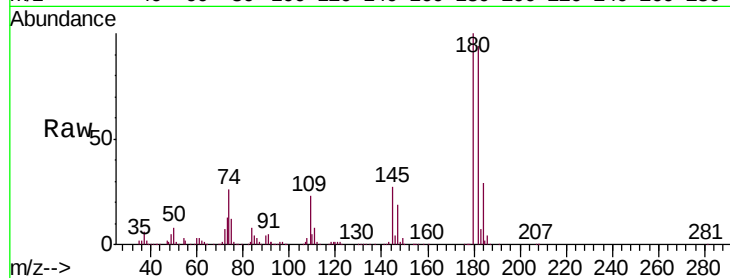




#93
 1,2,4-Trichlorobenzene
 Concen: 50.830 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

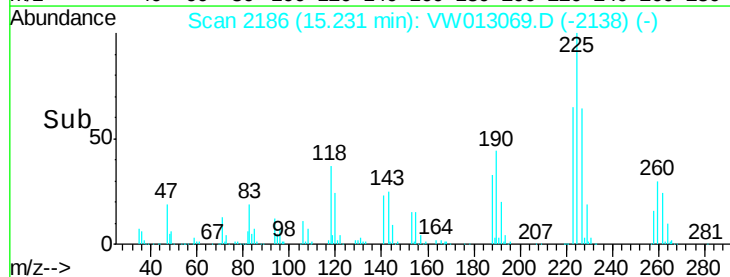
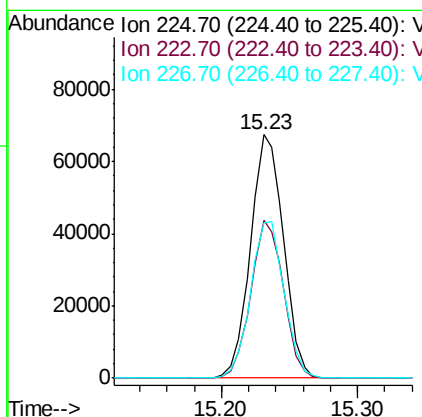
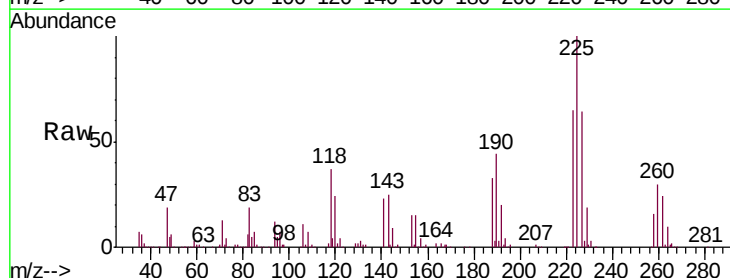
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

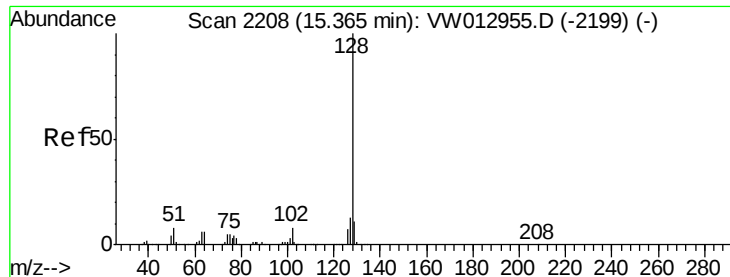
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.2
145	28.8	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 44.935 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.8	95.3
227	65.4	31.3	93.8





#95

Naphthalene

Concen: 59.878 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampled :

SB-3C-(9)MSD

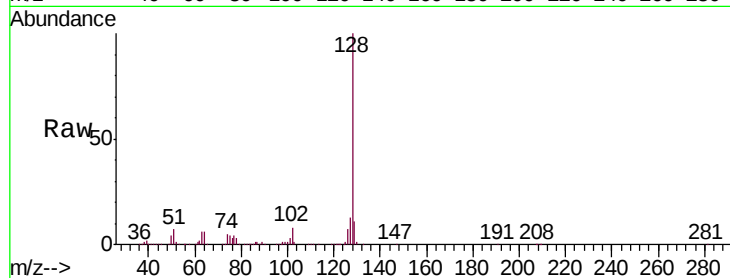
Tgt Ion:128 Resp: 360608

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.6

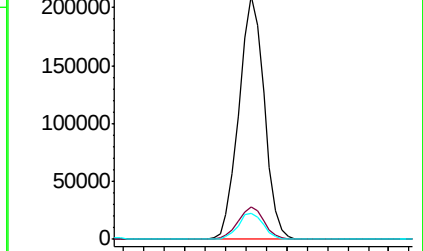
129 10.8 8.6 12.8



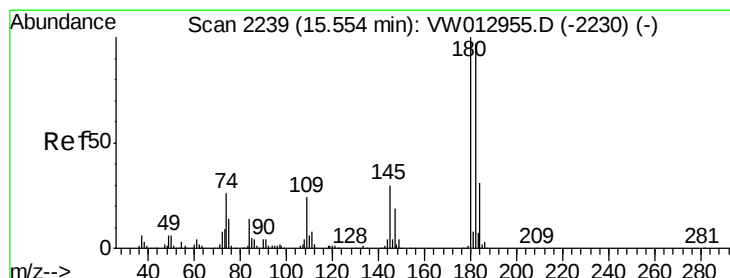
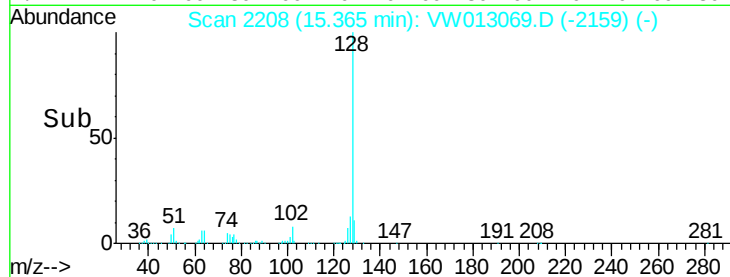
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 52.109 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

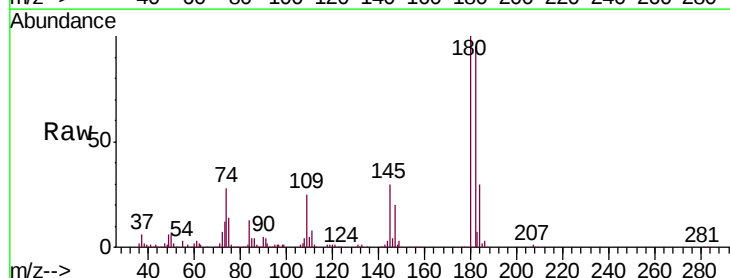
Tgt Ion:180 Resp: 166028

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.8

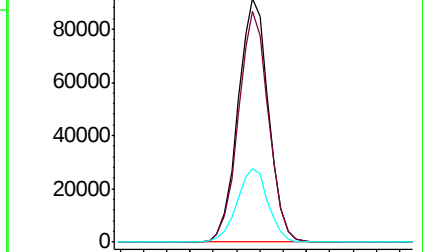
145 31.0 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

