

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111419\
 Data File : VY000683.D
 Acq On : 14 Nov 2019 20:04
 Operator : SY/MD
 Sample : MDL4
 Misc : 5ML/MSVOA_Y/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL4

Quant Time: Nov 15 10:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOMYLM111419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 10:16:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	310325	50.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	281217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	129462	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	124193	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.90%
7) Chloroethane-d5	2.76	69	106462	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.96%
11) 1,1-Dichloroethene-d2	3.85	63	166550	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
21) 2-Butanone-d5	6.91	46	116559	121.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.22%
24) Chloroform-d	7.49	84	202729	57.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.42%
26) 1,2-Dichloroethane-d4	8.15	65	135566	54.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.40%
32) Benzene-d6	8.12	84	427153	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.64%
36) 1,2-Dichloropropane-d6	9.13	67	133481	55.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.02%
41) Toluene-d8	10.18	98	378082	51.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.84%
43) trans-1,3-Dichloropropene-	10.44	79	65342	53.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.64%
47) 2-Hexanone-d5	10.79	63	81442	113.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.85%
57) 1,1,2,2-Tetrachloroethane-	12.56	84	149744	52.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.64%
64) 1,2-Dichlorobenzene-d4	13.72	152	137660	54.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	2683	1.514 ug/L	93
3) Chloromethane	2.11	50	4714	2.000 ug/L	89
5) Vinyl chloride	2.25	62	4907	2.077 ug/L #	57
6) Bromomethane	2.66	94	2848	2.096 ug/L	93
9) Trichlorofluoromethane	3.13	101	5777	1.656 ug/L	95
12) 1,1-Dichloroethene	3.86	96	5197	2.668 ug/L #	1
13) Acetone	3.96	43	4040	5.836 ug/L	69
14) Carbon disulfide	4.19	76	10642	1.981 ug/L #	95
15) Methyl Acetate	4.48	43	3507	2.016 ug/L #	61
16) Methylene chloride	4.72	84	4869	2.338 ug/L #	78
18) Methyl tert-butyl Ether	5.23	73	7736	1.263 ug/L #	80
19) 1,1-Dichloroethane	6.02	63	7281	1.991 ug/L	98
22) 2-Butanone	7.00	43	4905	4.503 ug/L #	70
23) Bromochloromethane	7.35	128	1702	1.619 ug/L #	89
25) Chloroform	7.52	83	11959	2.857 ug/L	85
27) 1,2-Dichloroethane	8.24	62	6194	2.167 ug/L #	92
29) Cyclohexane	7.79	56	4679	1.425 ug/L #	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

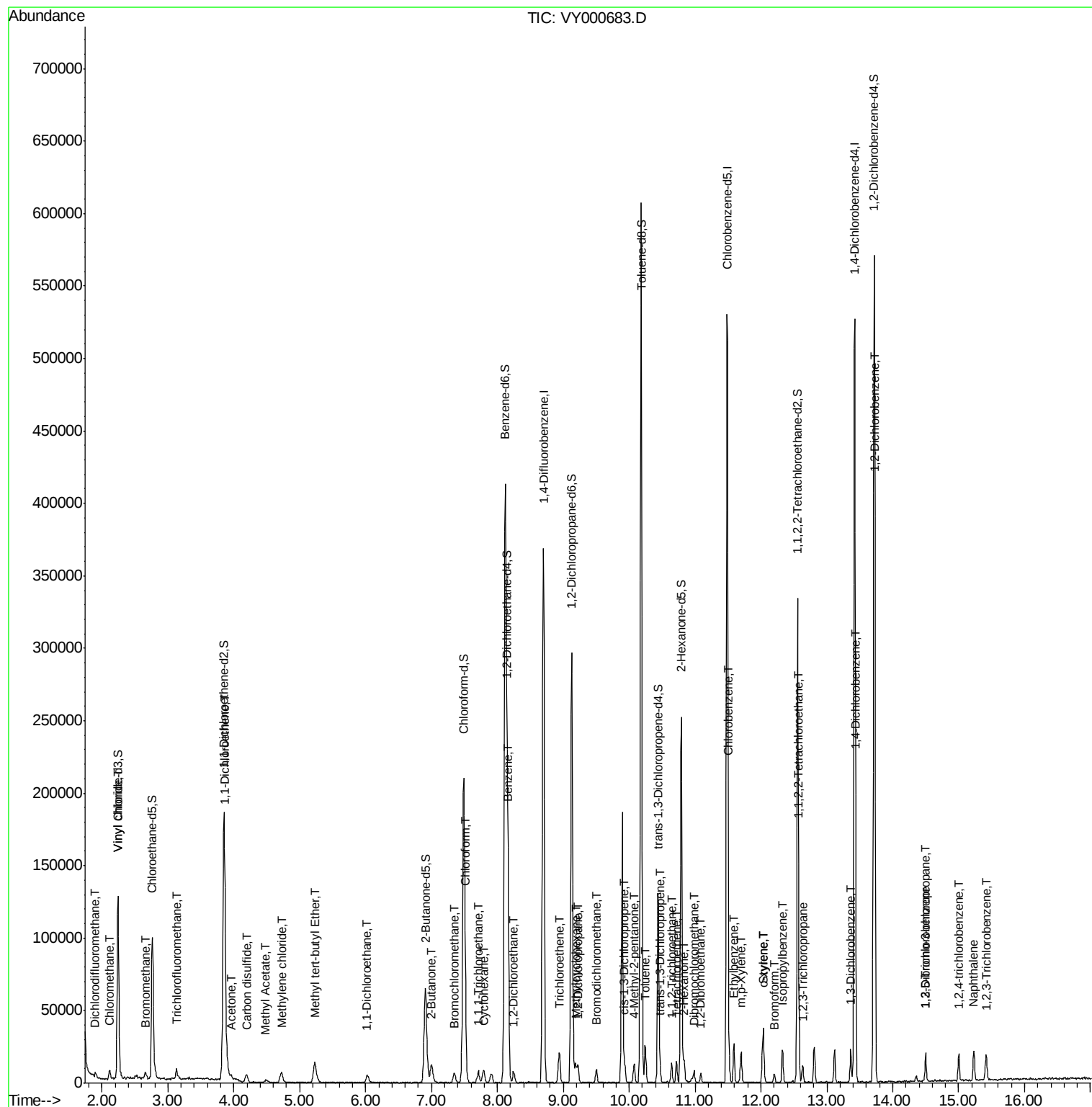
30) 1,1,1-Trichloroethane	7.72	97	5382	1.752	ug/L	92
33) Benzene	8.17	78	15925	1.901	ug/L	100
34) Trichloroethene	8.94	95	4159	1.977	ug/L	82
35) Methylcyclohexane	9.19	83	4439	1.278	ug/L #	88
37) 1,2-Dichloropropane	9.22	63	4223	2.032	ug/L #	88
38) Bromodichloromethane	9.50	83	5472	1.960	ug/L #	98
39) cis-1,3-Dichloropropene	9.93	75	6597	1.868	ug/L	83
40) 4-Methyl-2-pentanone	10.08	43	8763	3.676	ug/L #	94
42) Toluene	10.24	91	16958	1.912	ug/L	94
44) trans-1,3-Dichloropropene	10.47	75	3675	1.189	ug/L	97
45) 1,1,2-Trichloroethane	10.64	97	4125	2.092	ug/L	93
46) Tetrachloroethene	10.72	164	3236	1.988	ug/L #	89
48) 2-Hexanone	10.83	43	8736	5.076	ug/L	99
49) Dibromochloromethane	10.98	129	4043	1.893	ug/L	80
50) 1,2-Dibromoethane	11.08	107	4160	2.108	ug/L	91
51) Chlorobenzene	11.51	112	10963	1.919	ug/L	94
52) Ethylbenzene	11.59	91	16465	1.627	ug/L	94
53) m,p-Xylene	11.70	106	7026	1.805	ug/L	81
54) o-xylene	12.02	106	6484	1.699	ug/L	80
55) Styrene	12.04	104	10472	1.615	ug/L	99
56) Isopropylbenzene	12.33	105	15124	1.549	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.58	83	5986	2.146	ug/L #	92
59) 1,2,3-Trichloropropane	12.63	75	4103	1.860	ug/L	97
61) Bromoform	12.20	173	2450	1.869	ug/L #	97
62) 1,3-Dichlorobenzene	13.36	146	8193	2.018	ug/L	89
63) 1,4-Dichlorobenzene	13.44	146	8658	2.081	ug/L	93
65) 1,2-Dichlorobenzene	13.73	146	8598	2.150	ug/L #	77
66) 1,2-Dibromo-3-chloropropan	14.50	75	1053	2.180	ug/L #	4
67) 1,3,5-Trichlorobenzene	14.50	180	5518	1.947	ug/L	96
68) 1,2,4-trichlorobenzene	15.00	180	5084	1.913	ug/L	95
69) Naphthalene	15.23	128	15484	1.949	ug/L	98
70) 1,2,3-Trichlorobenzene	15.42	180	5004	1.956	ug/L	97

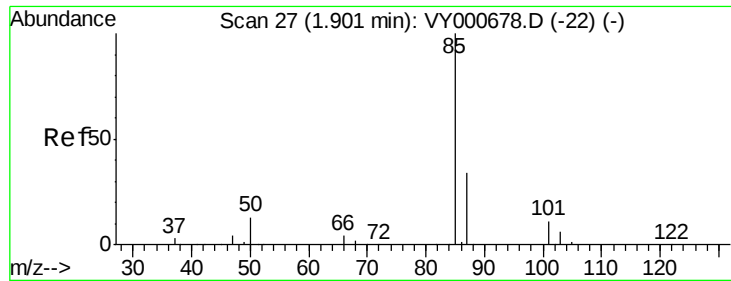
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#2

Dichlorodifluoromethane

Concen: 1.514 ug/L

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

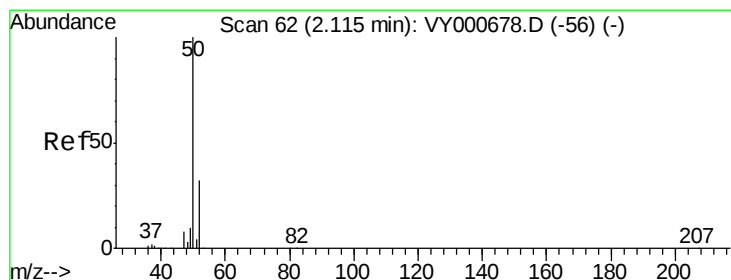
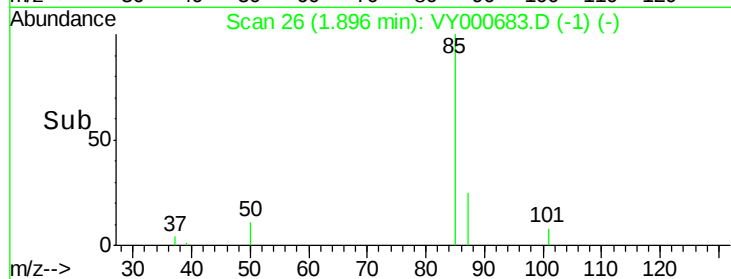
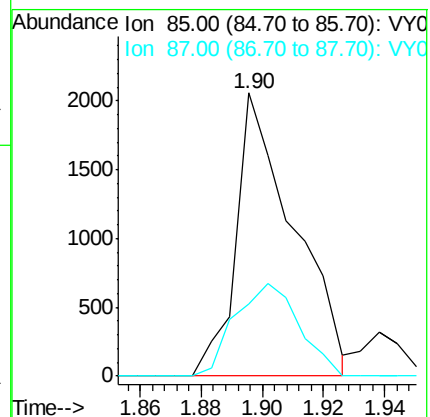
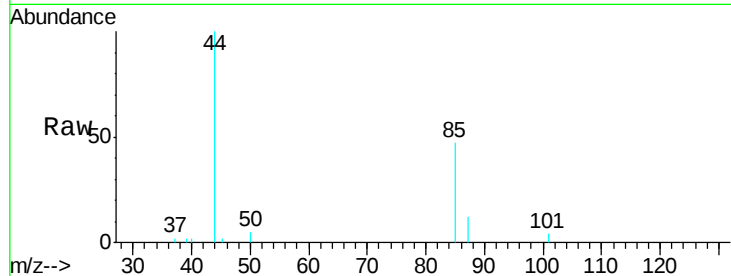
MDL4

Tgt Ion: 85 Resp: 2683

Ion Ratio Lower Upper

85 100

87 36.3 25.8 38.6



#3

Chloromethane

Concen: 2.000 ug/L

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000683.D

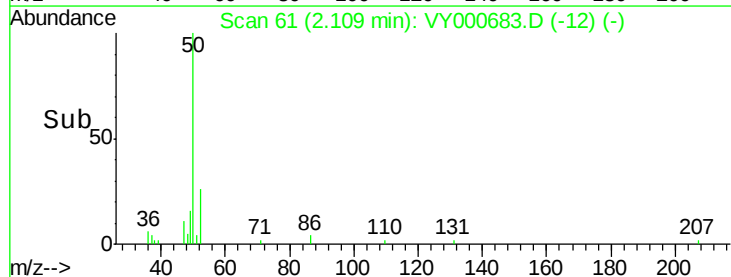
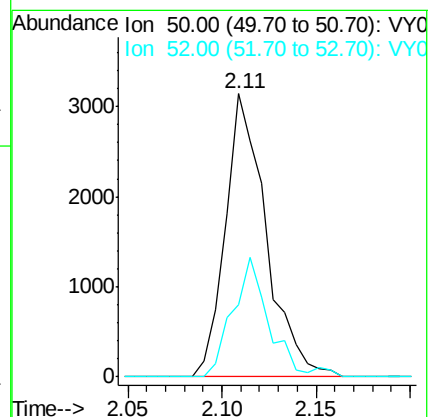
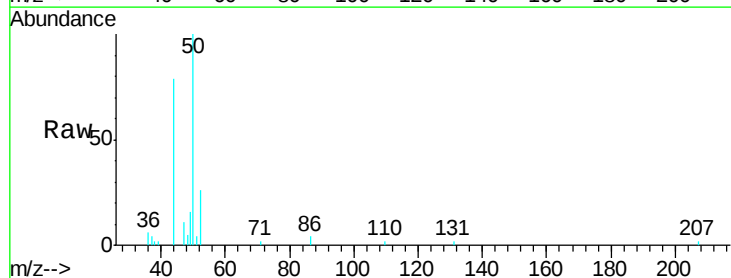
Acq: 14 Nov 2019 20:04

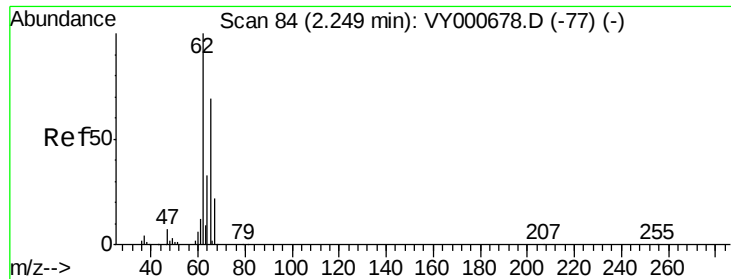
Tgt Ion: 50 Resp: 4714

Ion Ratio Lower Upper

50 100

52 25.6 22.2 41.2





#5

Vinyl chloride

Concen: 2.077 ug/L

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

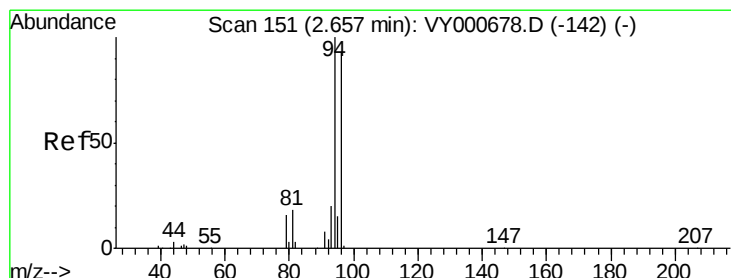
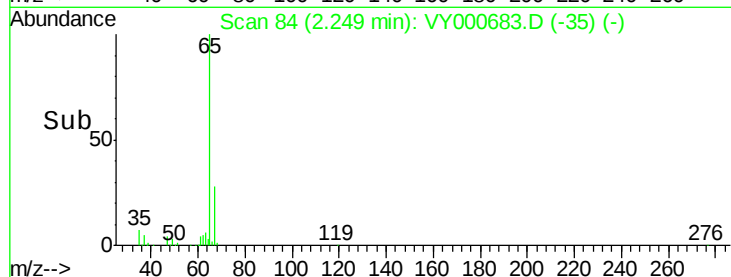
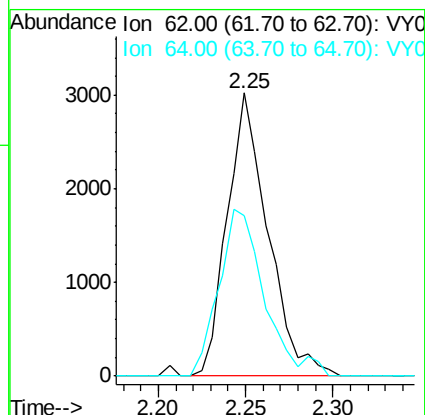
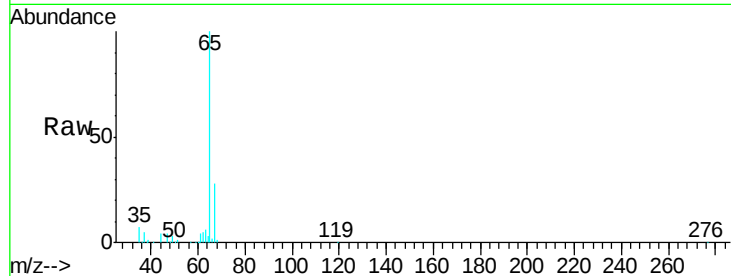
MDL4

Tgt Ion: 62 Resp: 4907

Ion Ratio Lower Upper

62 100

64 56.6 22.7 42.1#



#6

Bromomethane

Concen: 2.096 ug/L

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY000683.D

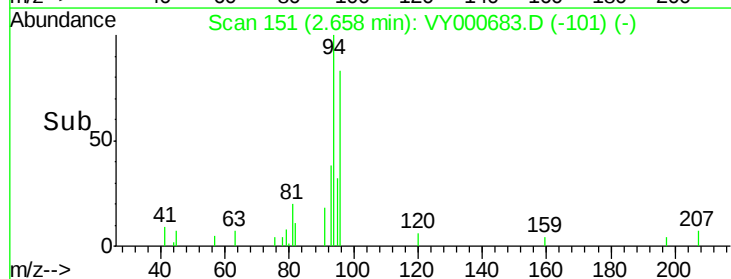
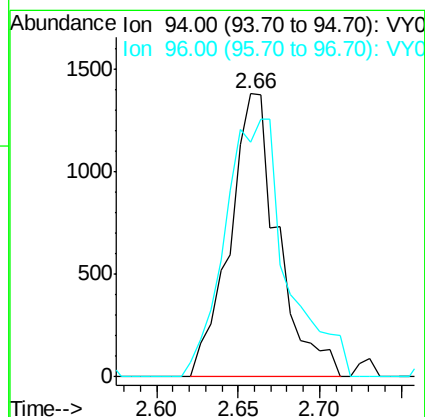
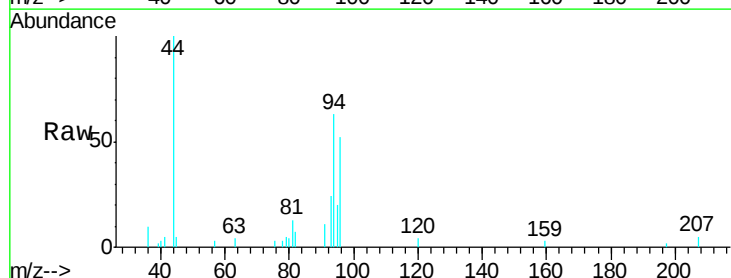
Acq: 14 Nov 2019 20:04

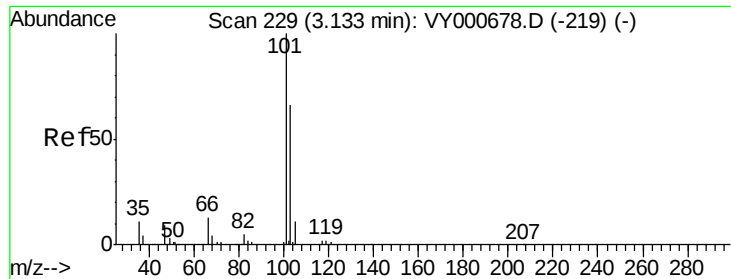
Tgt Ion: 94 Resp: 2848

Ion Ratio Lower Upper

94 100

96 83.1 63.0 117.0



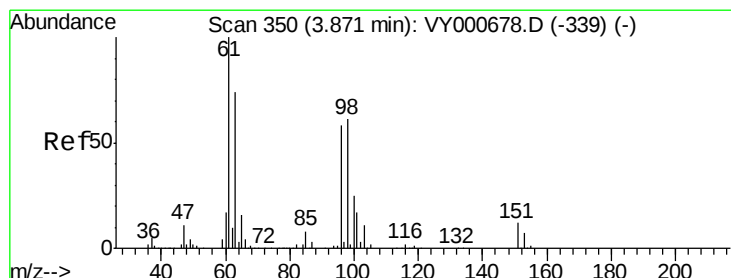
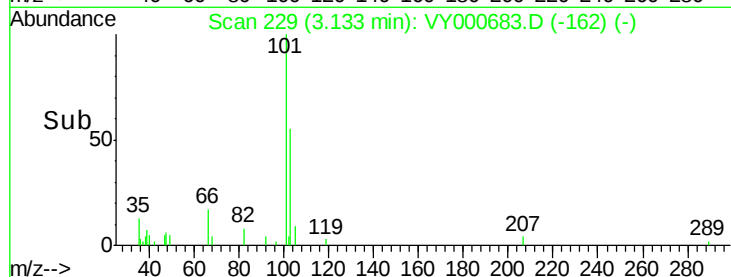
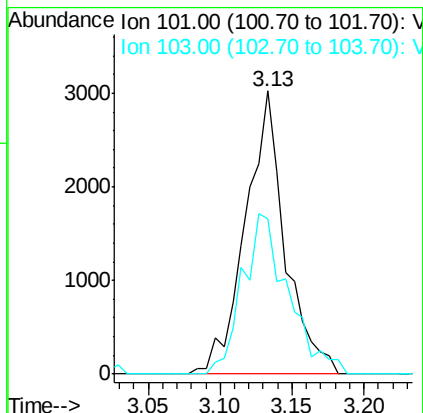
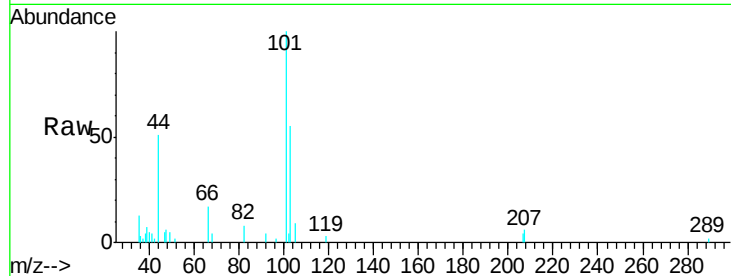


#9

Trichlorofluoromethane
 Concen: 1.656 ug/L
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000683.D
 Acq: 14 Nov 2019 20:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL4

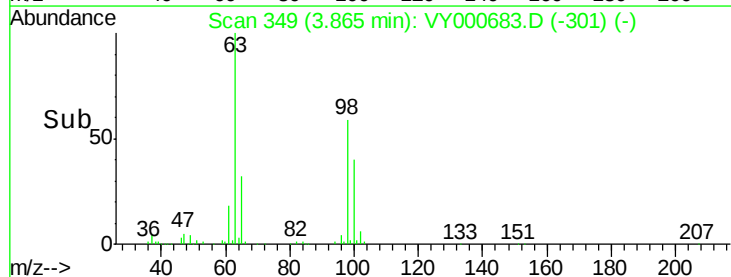
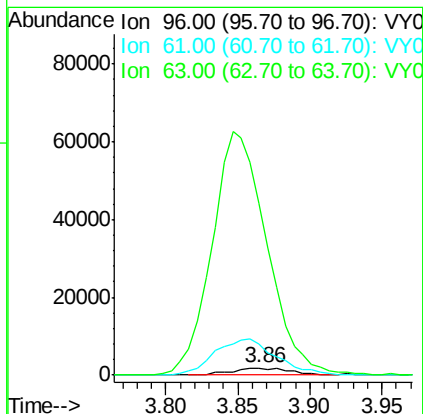
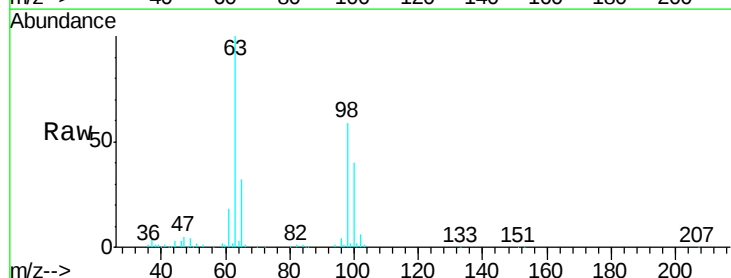
Tgt Ion: 101 Resp: 5777
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.5 78.7

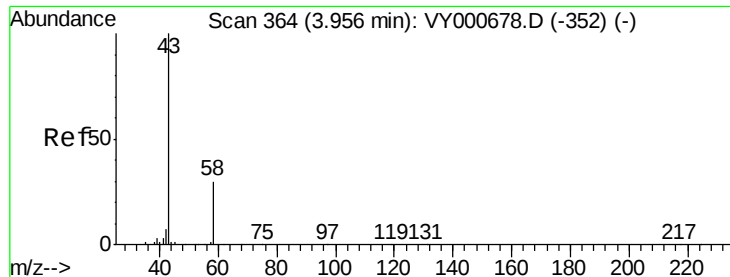


#12

1,1-Dichloroethene
 Concen: 2.668 ug/L
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000683.D
 Acq: 14 Nov 2019 20:04

Tgt Ion: 96 Resp: 5197
 Ion Ratio Lower Upper
 96 100
 61 433.7 117.5 218.3#
 63 2355.3 70.1 130.3#





#13

Acetone

Concen: 5.836 ug/L

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampleId :

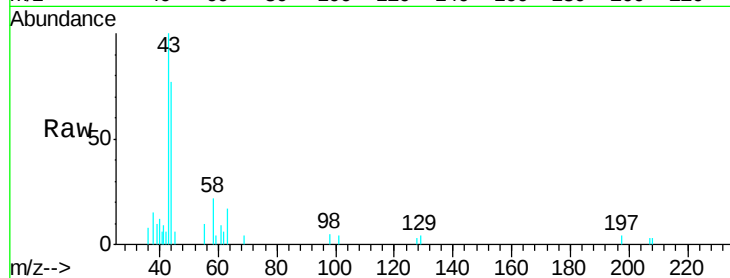
MDL4

Tgt Ion: 43 Resp: 4040

Ion Ratio Lower Upper

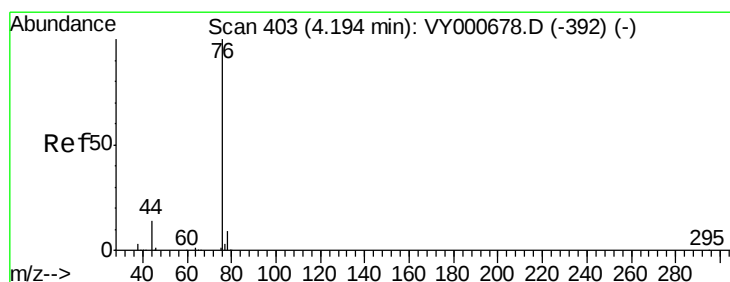
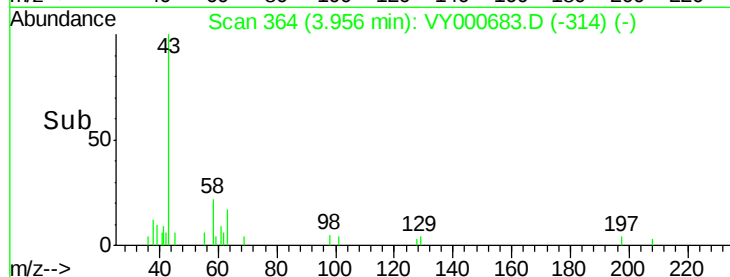
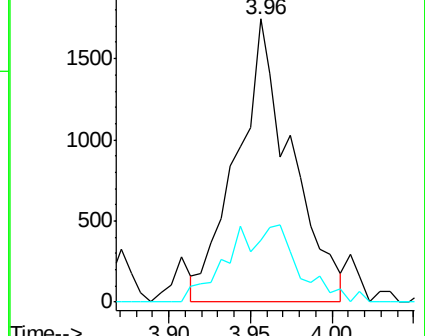
43 100

58 14.0 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VY000678.D (-352) (-)

Ion 58.00 (57.70 to 58.70): VY000678.D (-352) (-)



#14

Carbon disulfide

Concen: 1.981 ug/L

RT: 4.19 min Scan# 403

Delta R.T. 0.01 min

Lab File: VY000683.D

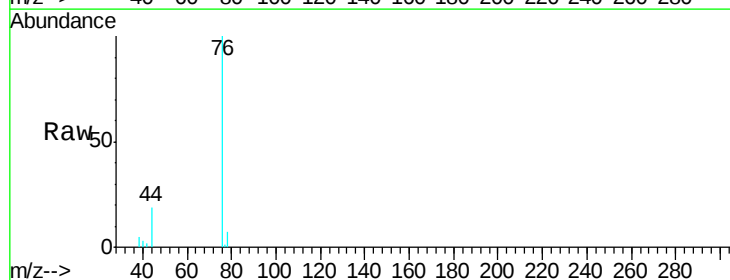
Acq: 14 Nov 2019 20:04

Tgt Ion: 76 Resp: 10642

Ion Ratio Lower Upper

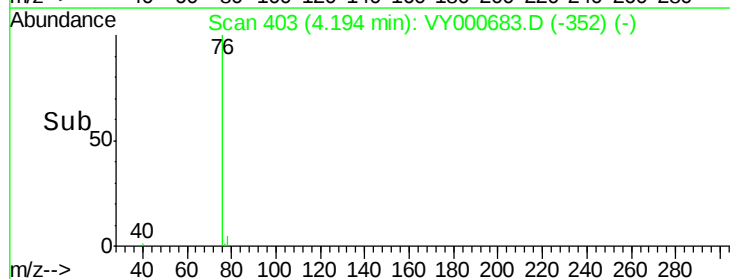
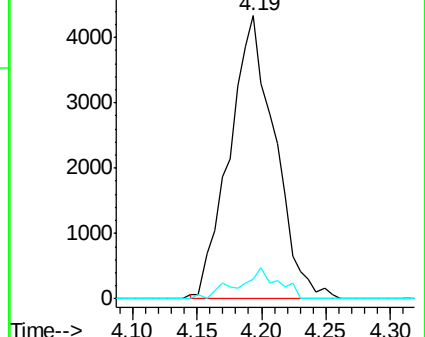
76 100

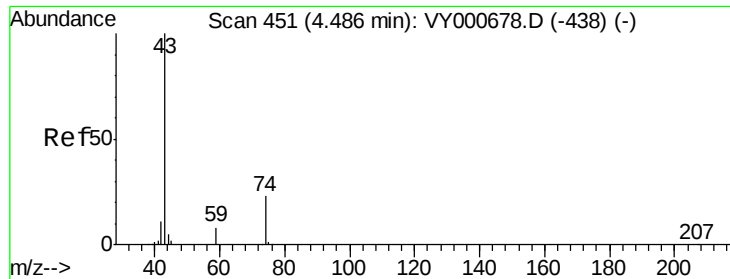
78 6.9 7.0 10.6#



Abundance Ion 76.00 (75.70 to 76.70): VY000678.D (-392) (-)

Ion 78.00 (77.70 to 78.70): VY000678.D (-392) (-)





#15

Methyl Acetate

Concen: 2.016 ug/L

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

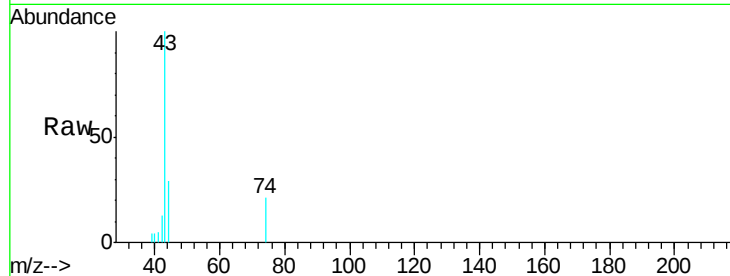
MDL4

Tgt Ion: 43 Resp: 3507

Ion Ratio Lower Upper

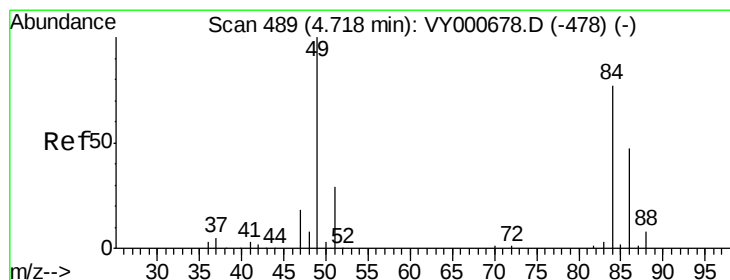
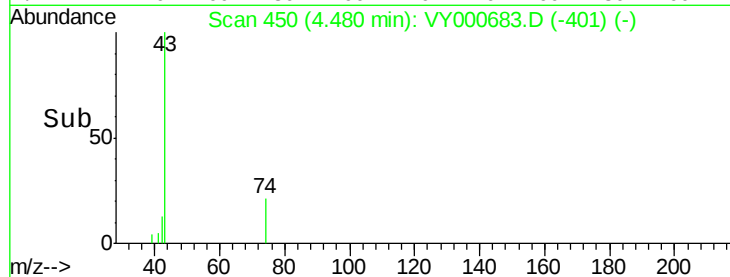
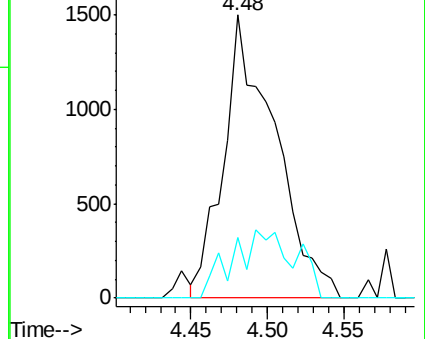
43 100

74 4.7 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



#16

Methylene chloride

Concen: 2.338 ug/L

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

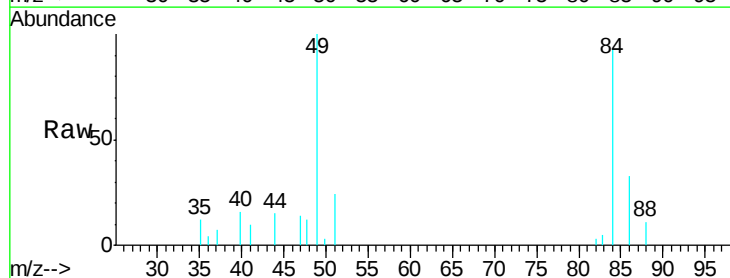
Tgt Ion: 84 Resp: 4869

Ion Ratio Lower Upper

84 100

86 36.0 45.9 85.3#

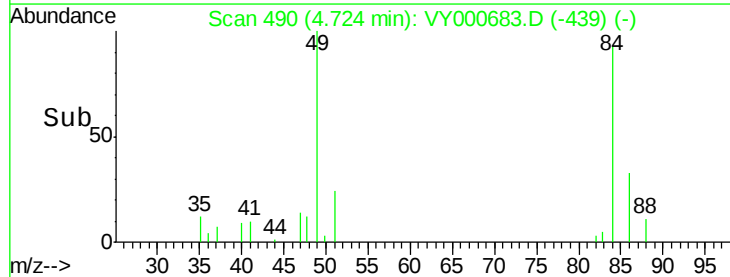
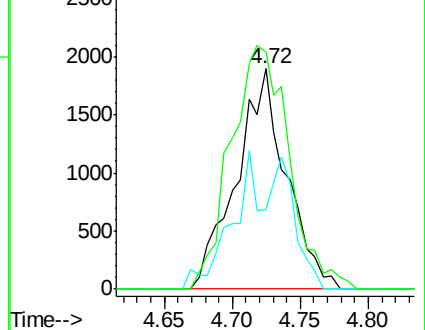
49 107.5 86.1 159.9

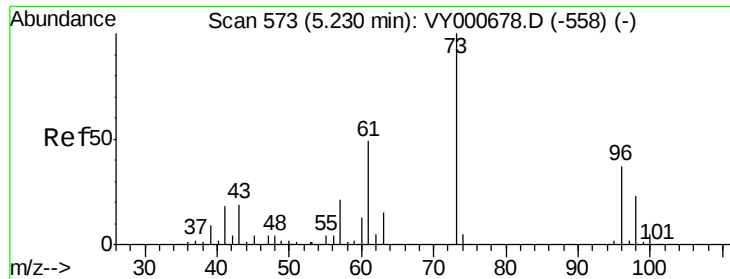


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

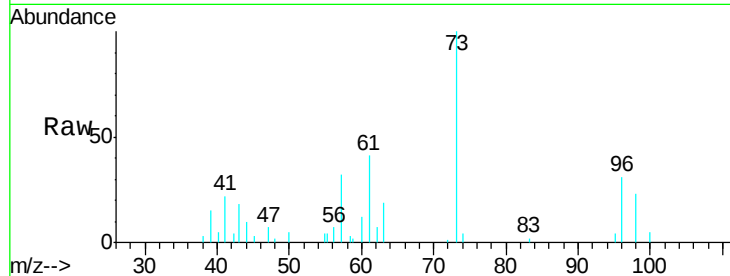




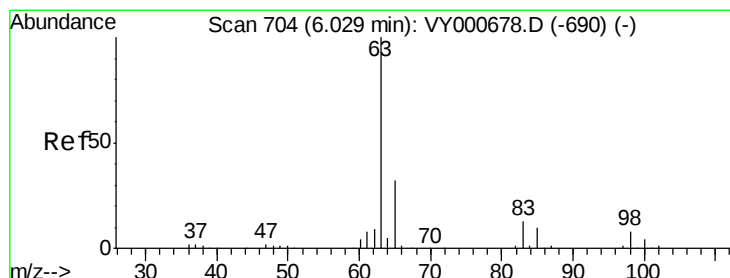
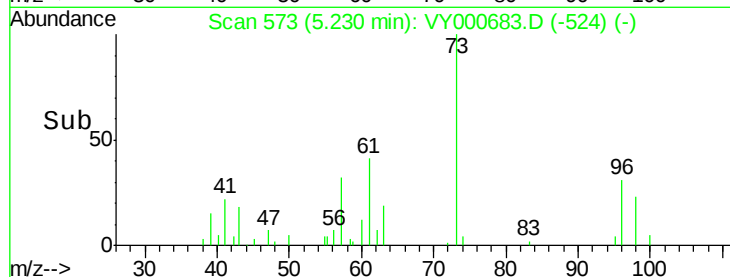
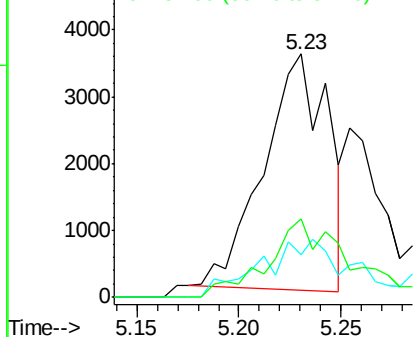
#18
Methyl tert-butyl Ether
Concen: 1.263 ug/L
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

Instrument :
MSVOA_Y
ClientSampled :
MDL4

Tgt Ion: 73 Resp: 7736
Ion Ratio Lower Upper
73 100
43 7.0 15.5 23.3#
57 15.9 17.7 26.5#

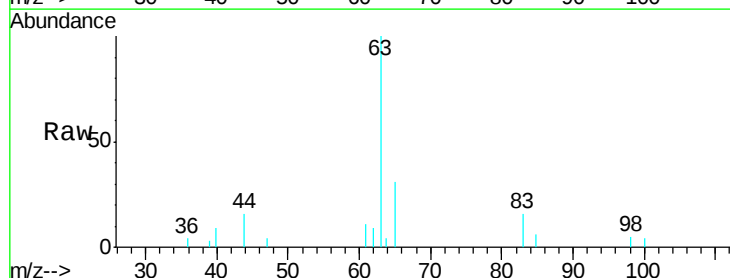


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

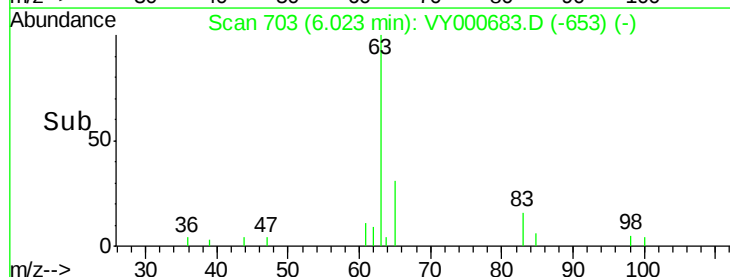
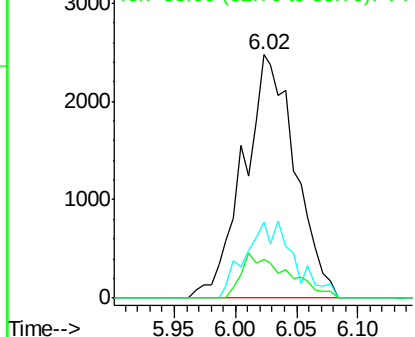


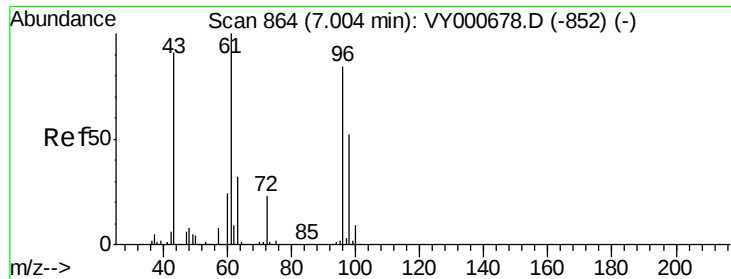
#19
1,1-Dichloroethane
Concen: 1.991 ug/L
RT: 6.02 min Scan# 703
Delta R.T. 0.01 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

Tgt Ion: 63 Resp: 7281
Ion Ratio Lower Upper
63 100
65 30.9 22.7 42.1
83 15.8 10.5 19.5



Abundance Ion 63.00 (62.70 to 63.70): VY0
Ion 65.00 (64.70 to 65.70): VY0
Ion 83.00 (82.70 to 83.70): VY0





#22

2-Butanone

Concen: 4.503 ug/L

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

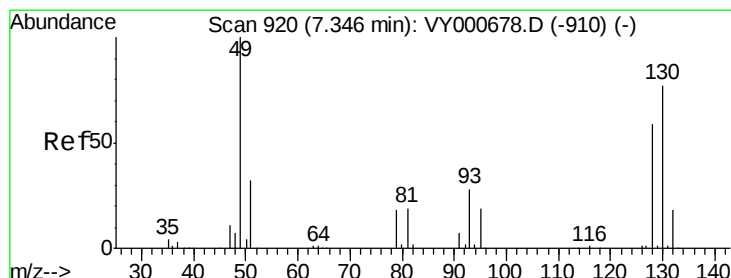
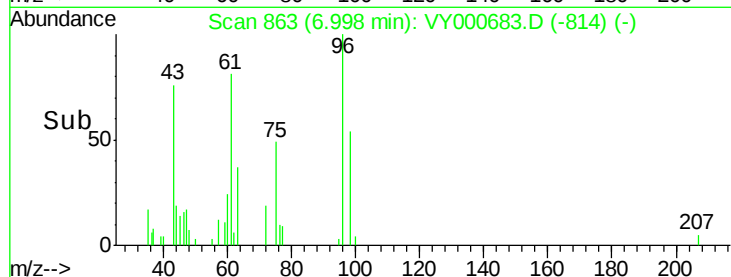
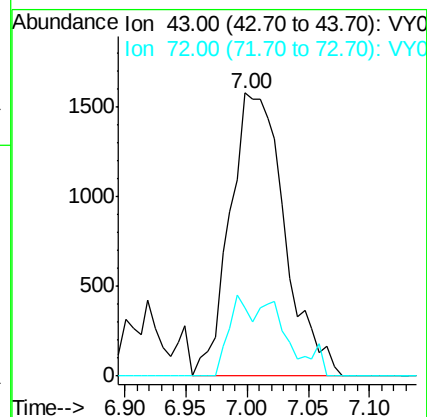
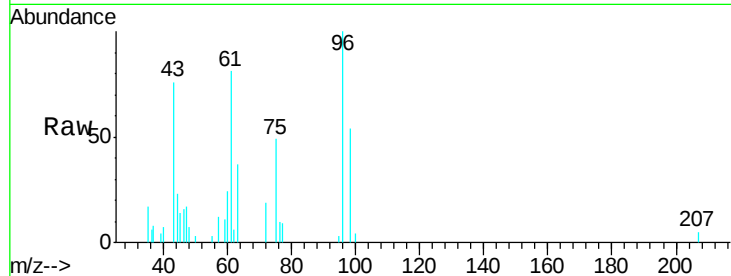
MDL4

Tgt Ion: 43 Resp: 4905

Ion Ratio Lower Upper

43 100

72 11.8 13.7 41.1#



#23

Bromochloromethane

Concen: 1.619 ug/L

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Tgt Ion: 128 Resp: 1702

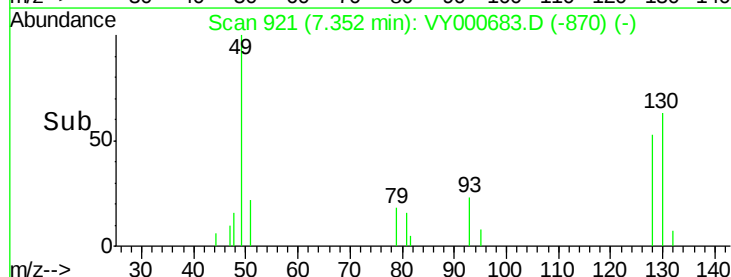
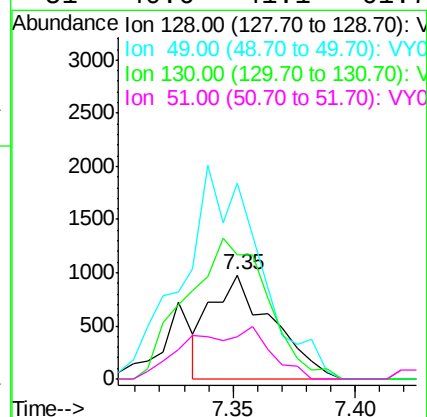
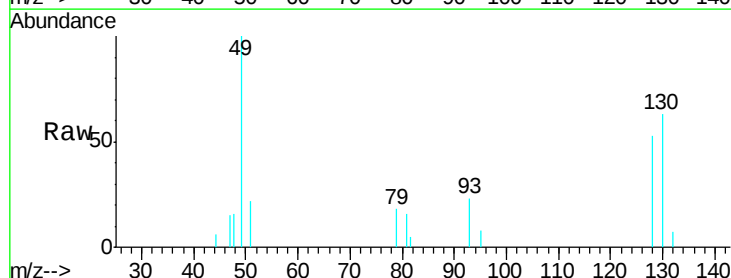
Ion Ratio Lower Upper

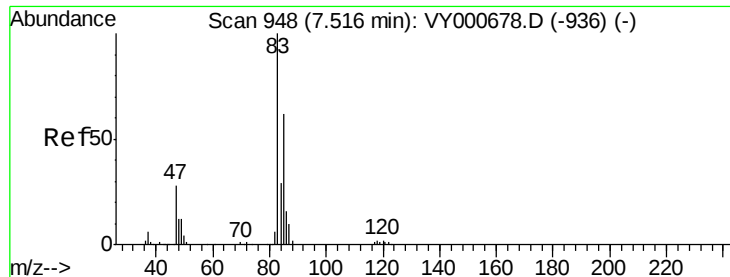
128 100

49 187.8 116.6 216.5

130 118.9 85.4 158.6

51 40.6 41.1 61.7#

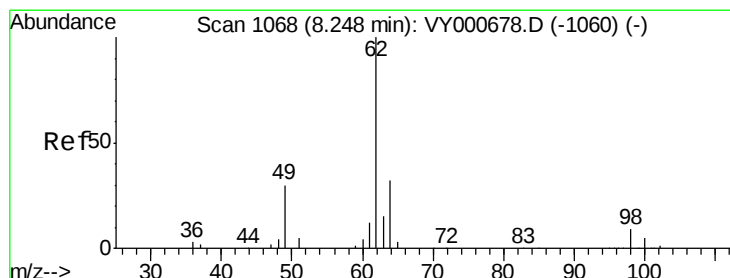
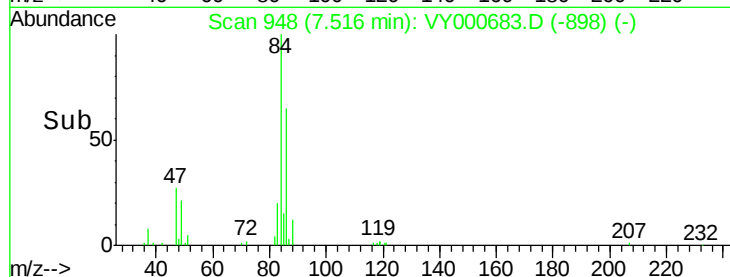
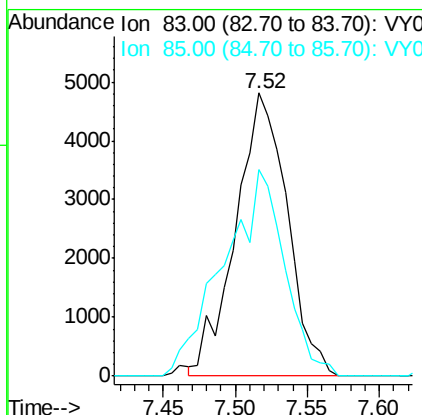
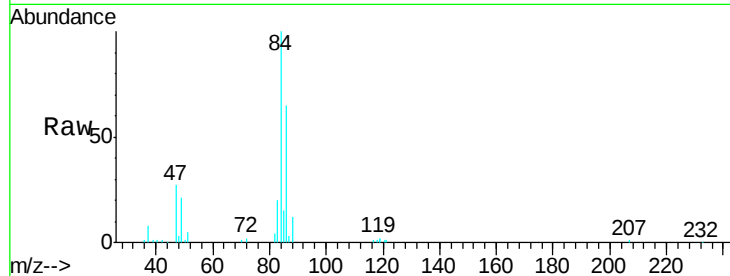




#25
Chloroform
Concen: 2.857 ug/L
RT: 7.52 min Scan# 948
Delta R.T. 0.01 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

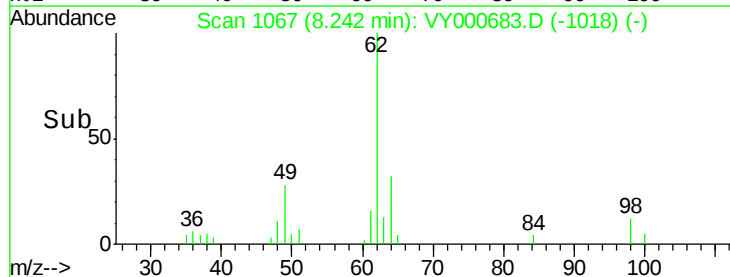
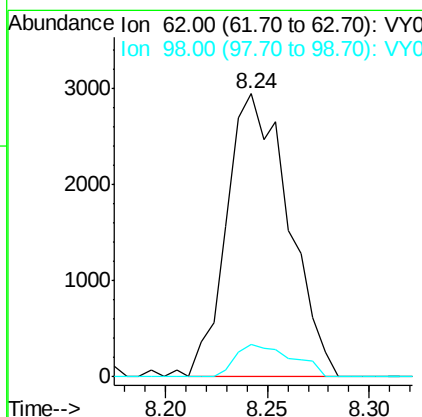
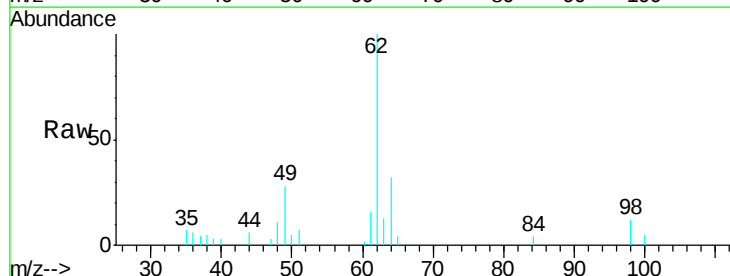
Instrument :
MSVOA_Y
ClientSampled :
MDL4

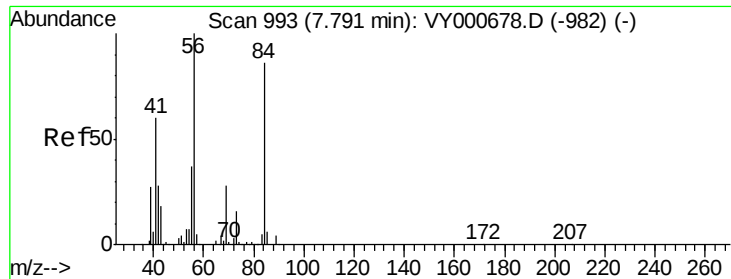
Tgt Ion: 83 Resp: 11959
Ion Ratio Lower Upper
83 100
85 72.8 43.1 80.1



#27
1,2-Dichloroethane
Concen: 2.167 ug/L
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

Tgt Ion: 62 Resp: 6194
Ion Ratio Lower Upper
62 100
98 11.7 7.1 10.7#

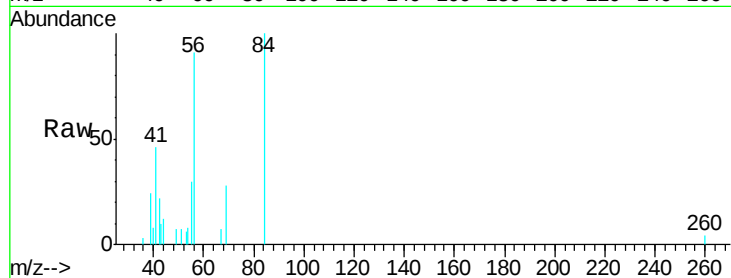




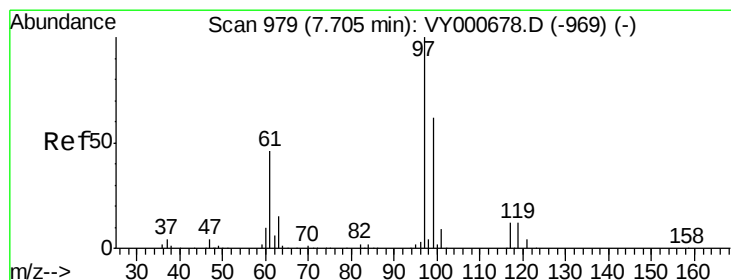
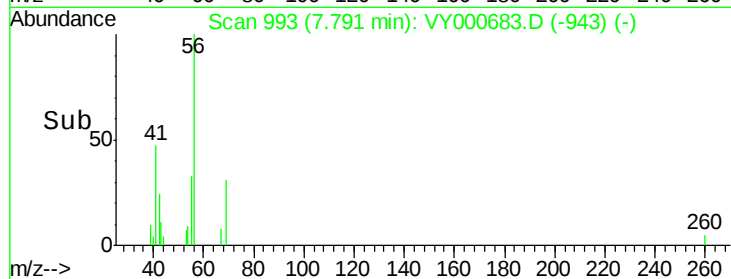
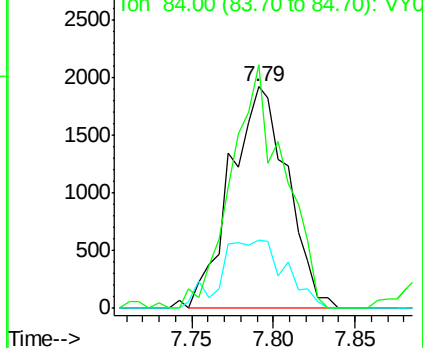
#29
Cyclohexane
Concen: 1.425 ug/L
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

Instrument :
MSVOA_Y
ClientSampled :
MDL4

Tgt Ion: 56 Resp: 4679
Ion Ratio Lower Upper
56 100
69 11.6 24.4 36.6#
84 101.4 71.4 107.2

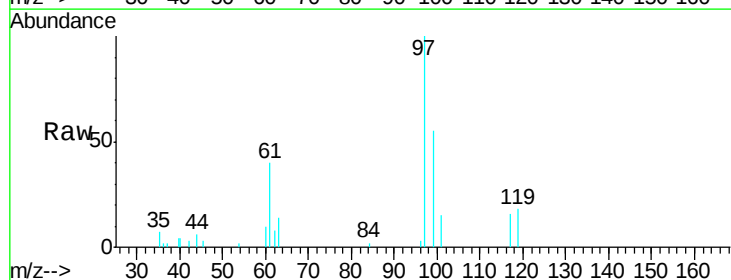


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

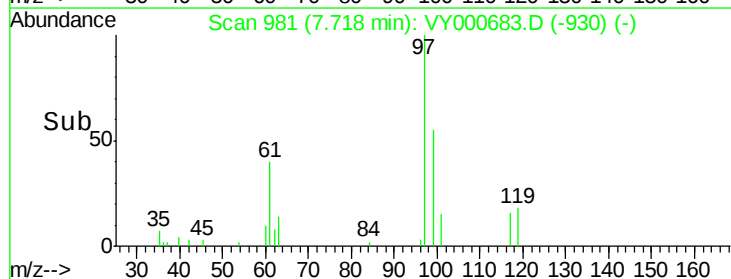
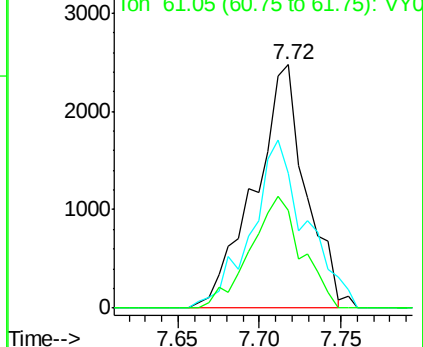


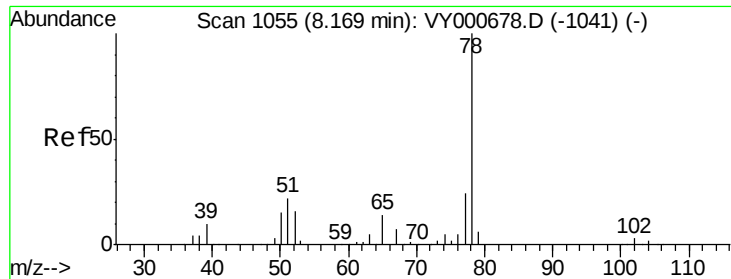
#30
1,1,1-Trichloroethane
Concen: 1.752 ug/L
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

Tgt Ion: 97 Resp: 5382
Ion Ratio Lower Upper
97 100
99 56.1 52.2 78.2
61 46.3 35.0 52.4



Abundance Ion 97.00 (96.70 to 97.70): VY0
Ion 99.00 (98.70 to 99.70): VY0
Ion 61.05 (60.75 to 61.75): VY0





#33

Benzene

Concen: 1.901 ug/L

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

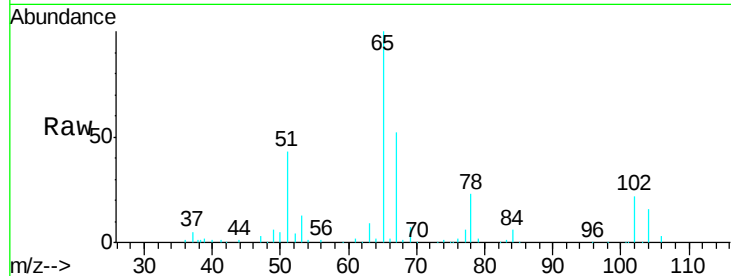
Instrument :

MSVOA_Y

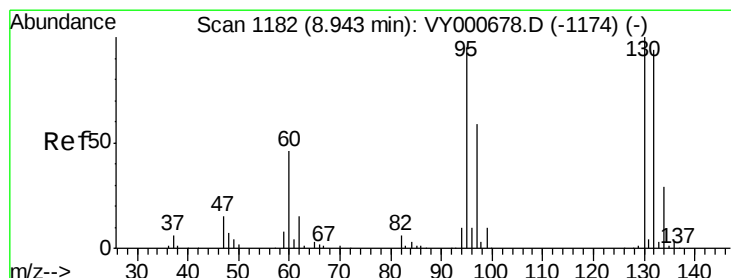
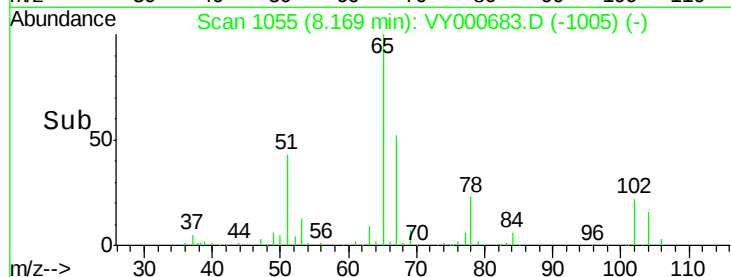
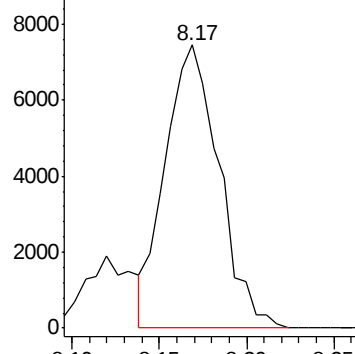
ClientSampled :

MDL4

Tgt Ion: 78 Resp: 15925



Abundance Ion 78.00 (77.70 to 78.70): VY0



#34

Trichloroethene

Concen: 1.977 ug/L

RT: 8.94 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Tgt Ion: 95 Resp: 4159

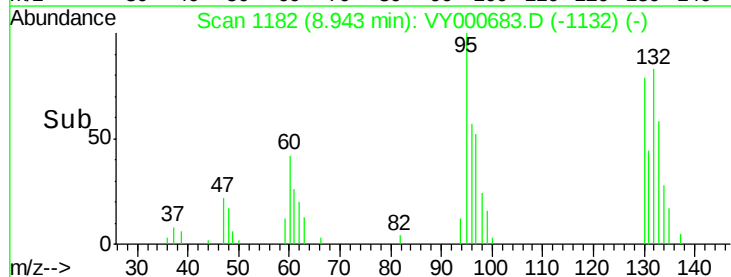
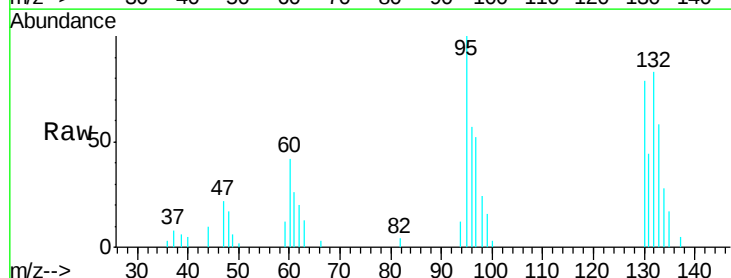
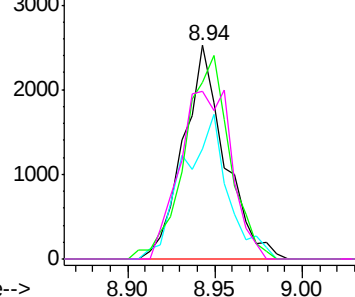
Ion	Ratio	Lower	Upper
95	100		
97	51.7	43.8	81.3
132	83.0	67.8	126.0
130	78.6	71.9	133.5

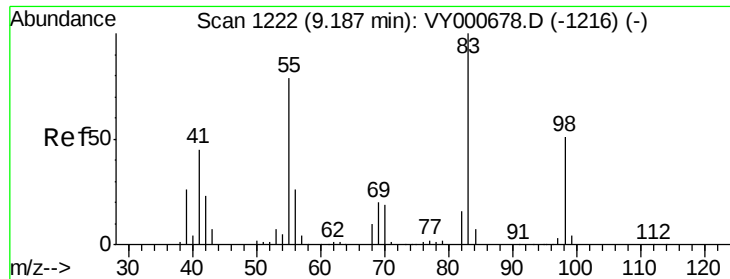
Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0

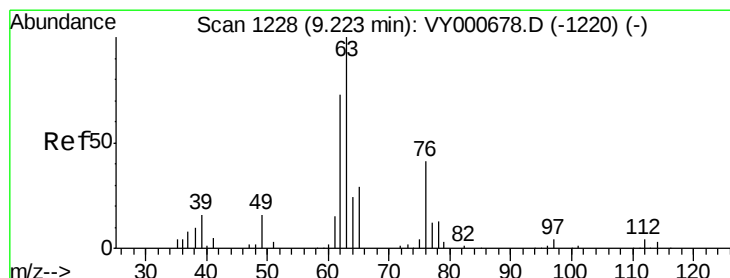
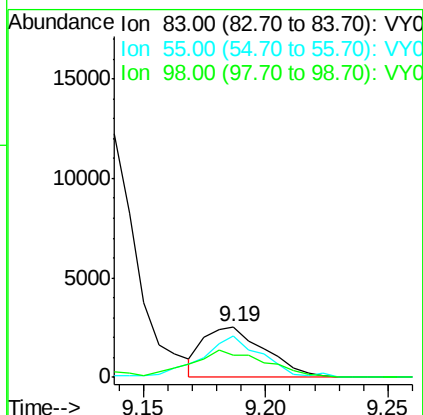
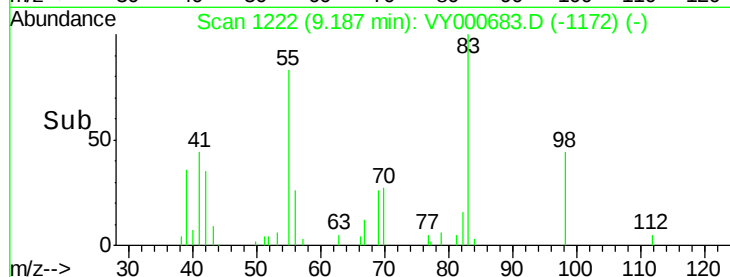
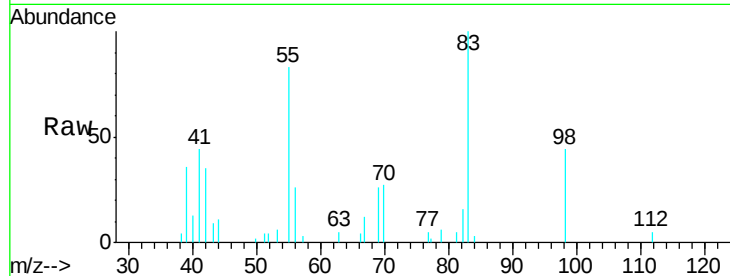




#35
Methylcyclohexane
Concen: 1.278 ug/L
RT: 9.19 min Scan# 1222
Delta R.T. 0.01 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

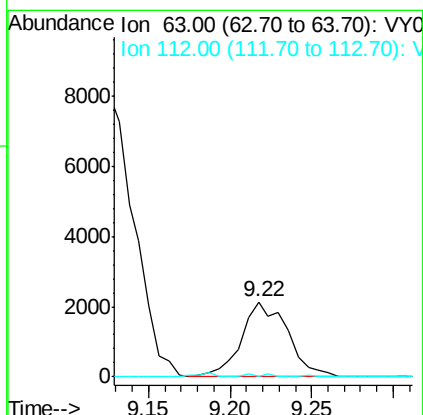
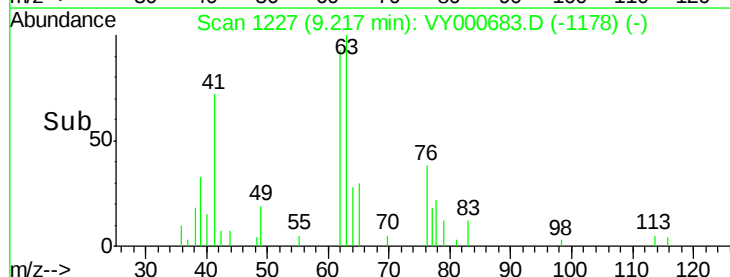
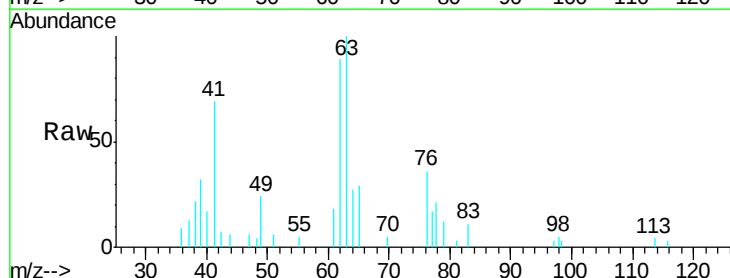
Instrument :
MSVOA_Y
ClientSampleId :
MDL4

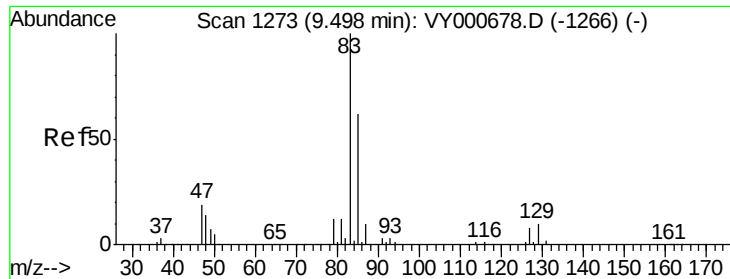
Tgt Ion: 83 Resp: 4439
Ion Ratio Lower Upper
83 100
55 80.6 60.4 90.6
98 64.9 40.3 60.5#



#37
1,2-Dichloropropane
Concen: 2.032 ug/L
RT: 9.22 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

Tgt Ion: 63 Resp: 4223
Ion Ratio Lower Upper
63 100
112 0.7 3.8 5.6#





#38

Bromodichloromethane

Concen: 1.960 ug/L

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

MDL4

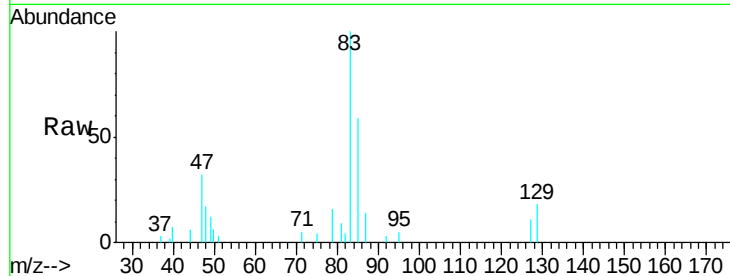
Tgt Ion: 83 Resp: 5472

Ion Ratio Lower Upper

83 100

85 59.1 42.2 78.4

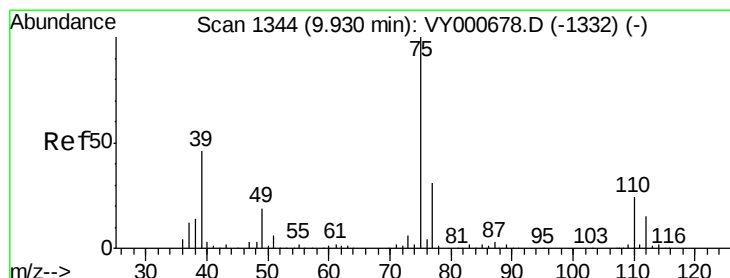
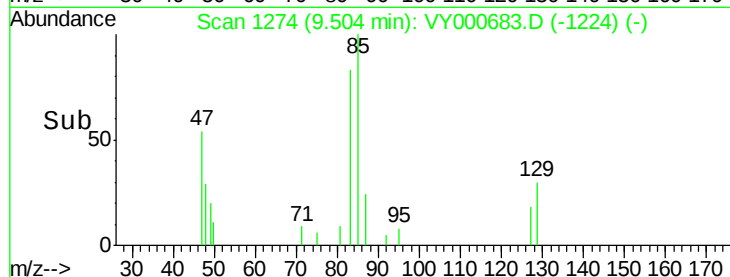
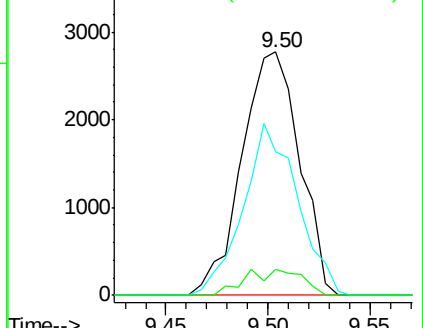
127 10.9 6.4 9.6#



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0

Ion 127.00 (126.70 to 127.70): VY0



#39

cis-1,3-Dichloropropene

Concen: 1.868 ug/L

RT: 9.93 min Scan# 1344

Delta R.T. 0.01 min

Lab File: VY000683.D

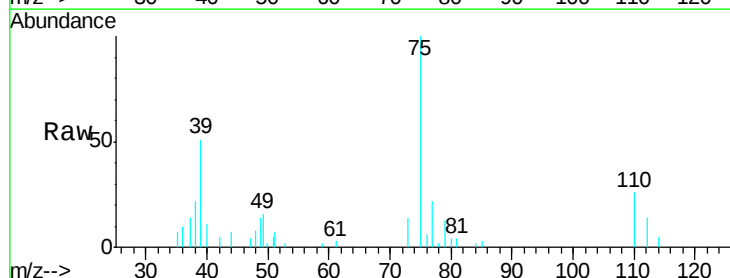
Acq: 14 Nov 2019 20:04

Tgt Ion: 75 Resp: 6597

Ion Ratio Lower Upper

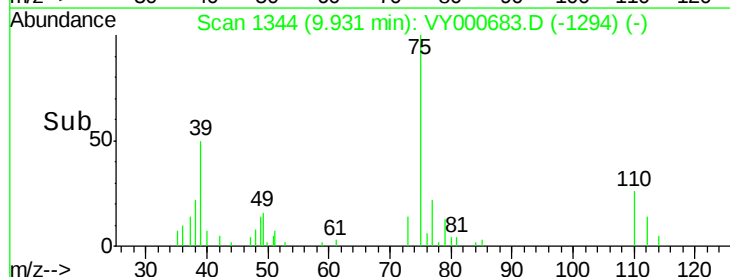
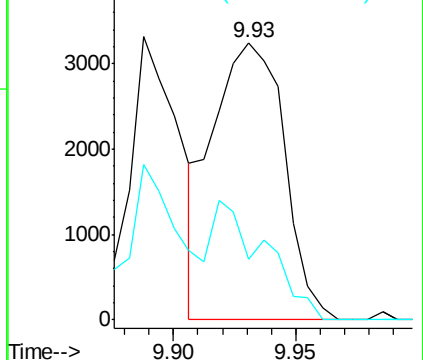
75 100

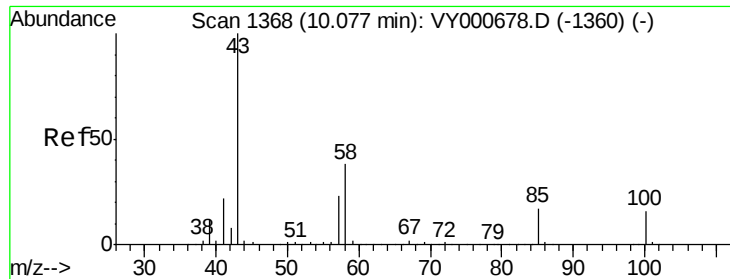
77 21.9 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

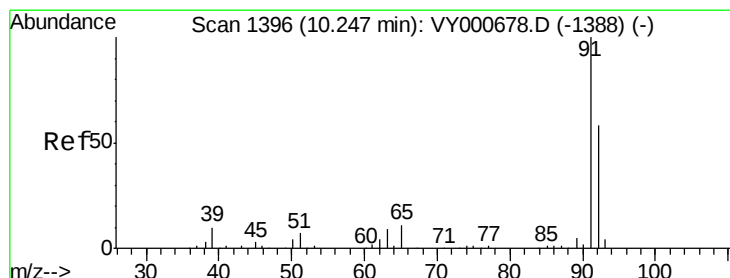
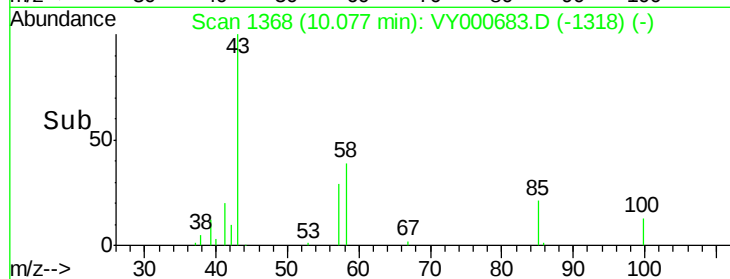
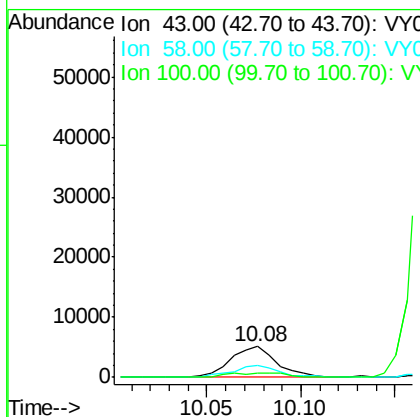
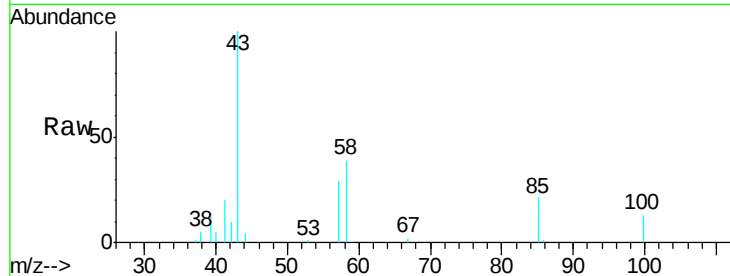




#40
4-Methyl-2-pentanone
Concen: 3.676 ug/L
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

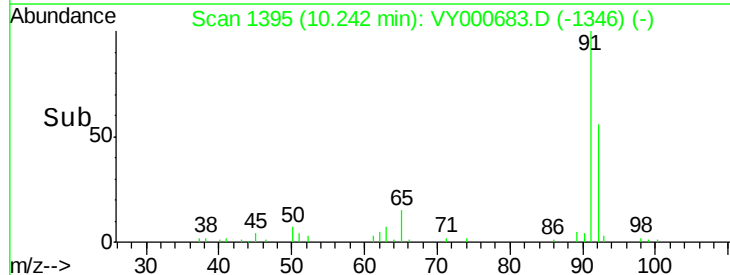
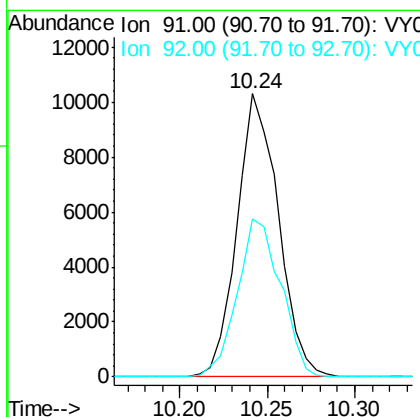
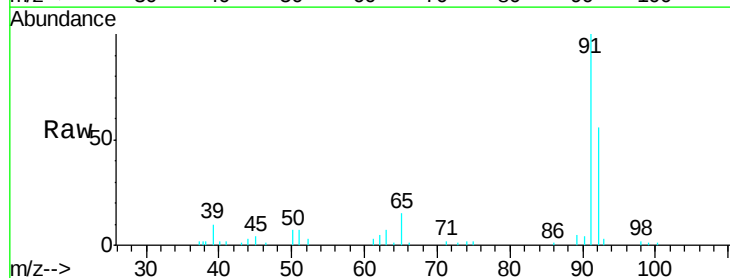
Instrument :
MSVOA_Y
ClientSampled :
MDL4

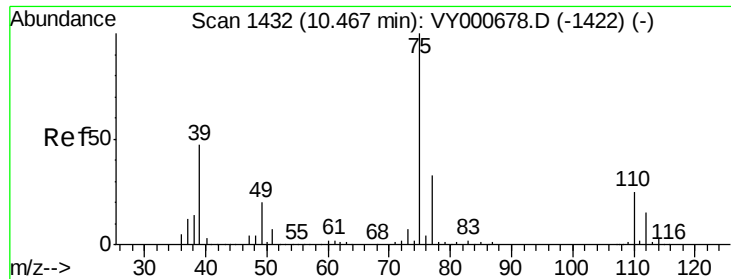
Tgt Ion: 43 Resp: 8763
Ion Ratio Lower Upper
43 100
58 38.8 30.2 45.2
100 7.8 12.2 18.2#



#42
Toluene
Concen: 1.912 ug/L
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

Tgt Ion: 91 Resp: 16958
Ion Ratio Lower Upper
91 100
92 55.8 42.2 78.4





#44

trans-1,3-Dichloropropene

Concen: 1.189 ug/L

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampleId :

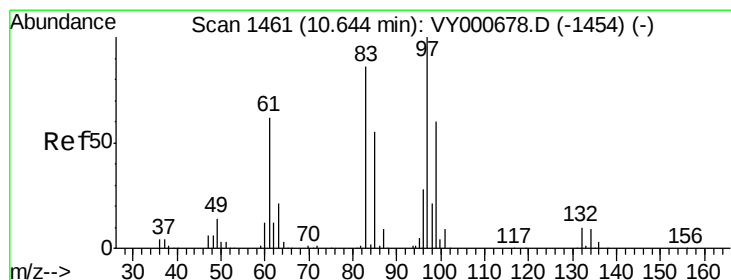
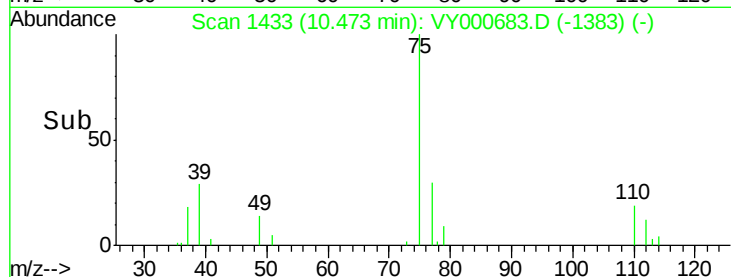
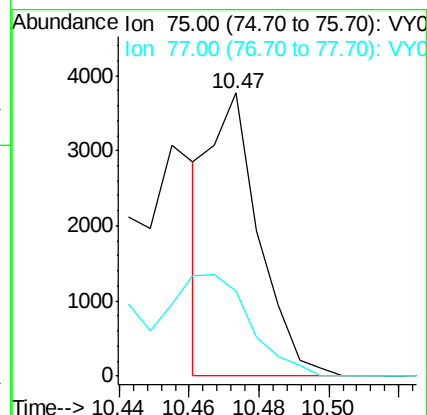
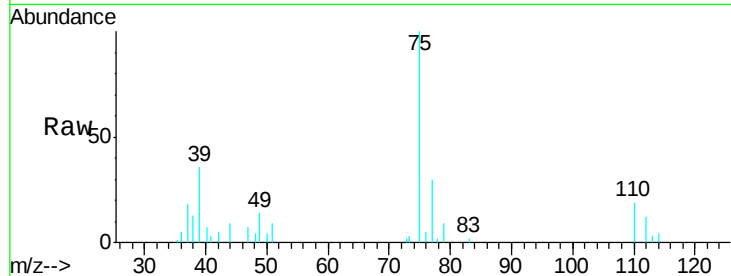
MDL4

Tgt Ion: 75 Resp: 3675

Ion Ratio Lower Upper

75 100

77 29.9 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 2.092 ug/L

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Tgt Ion: 97 Resp: 4125

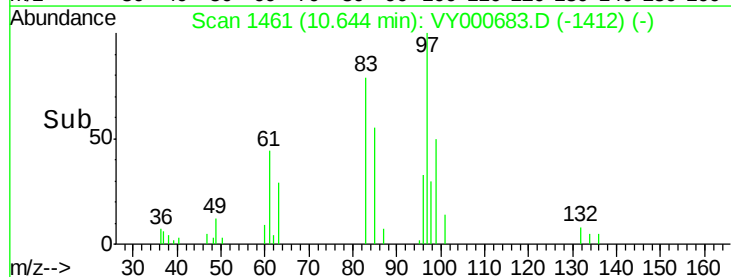
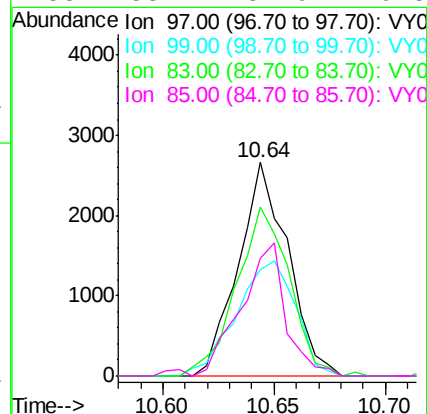
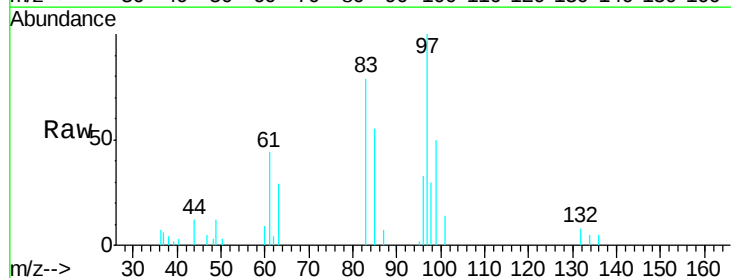
Ion Ratio Lower Upper

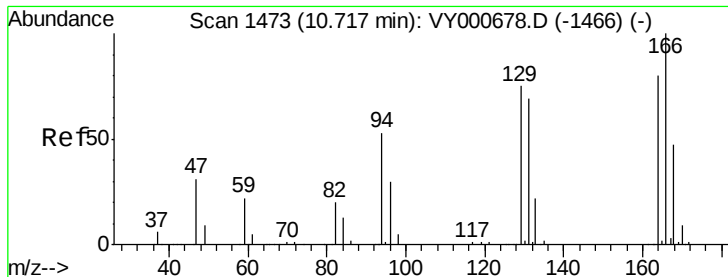
97 100

99 49.5 40.6 75.4

83 79.3 60.0 111.4

85 55.1 37.9 70.5





#46

Tetrachloroethene

Concen: 1.988 ug/L

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY000683.D

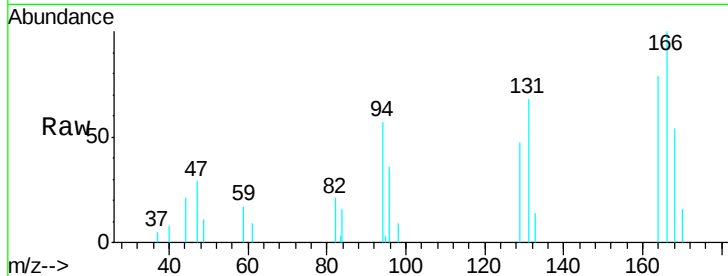
Acq: 14 Nov 2019 20:04

Instrument :

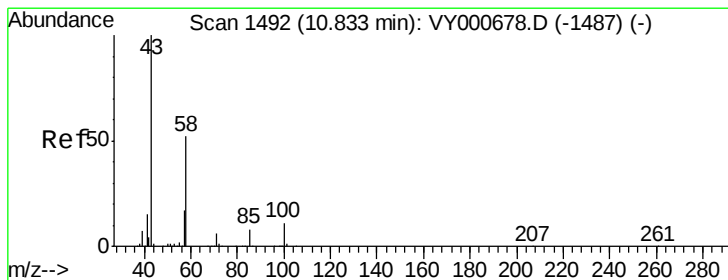
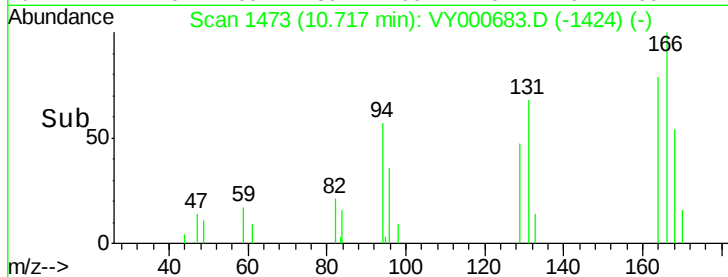
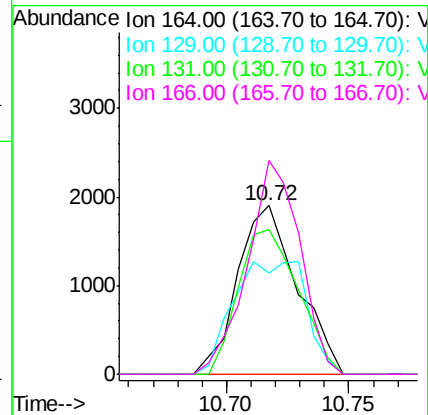
MSVOA_Y

ClientSampled :

MDL4



Tgt Ion:	164	Resp:	3236
Ion	Ratio	Lower	Upper
164	100		
129	60.0	65.5	121.7#
131	85.4	60.1	111.7
166	126.4	88.1	163.7



#48

2-Hexanone

Concen: 5.076 ug/L

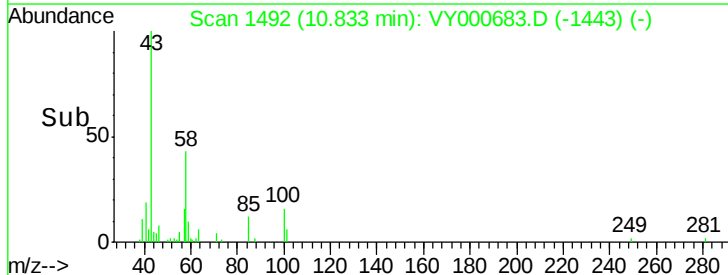
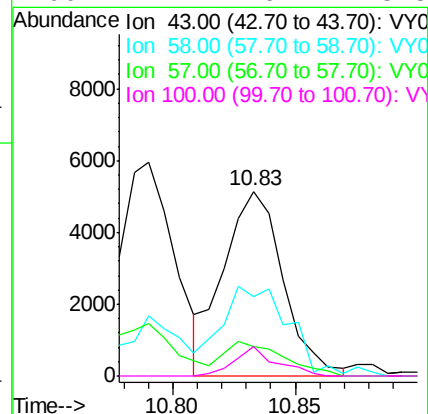
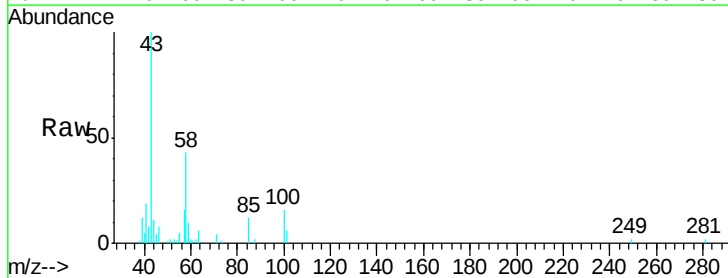
RT: 10.83 min Scan# 1492

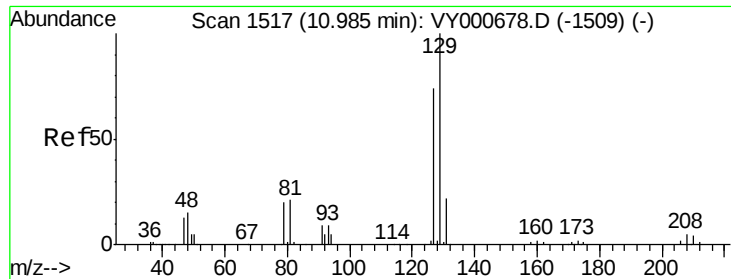
Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Tgt Ion:	43	Resp:	8736
Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.3	63.5
57	18.3	13.8	20.6
100	11.2	9.2	13.8





#49

Dibromochloromethane

Concen: 1.893 ug/L

RT: 10.98 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

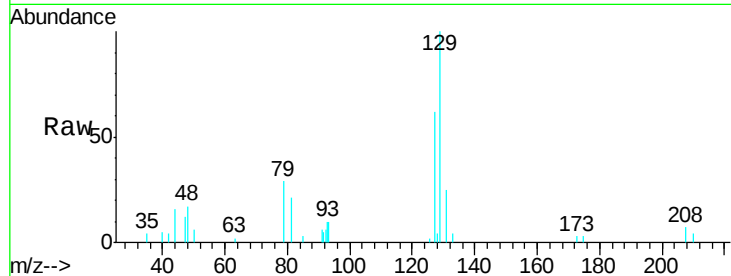
MDL4

Tgt Ion:129 Resp: 4043

Ion Ratio Lower Upper

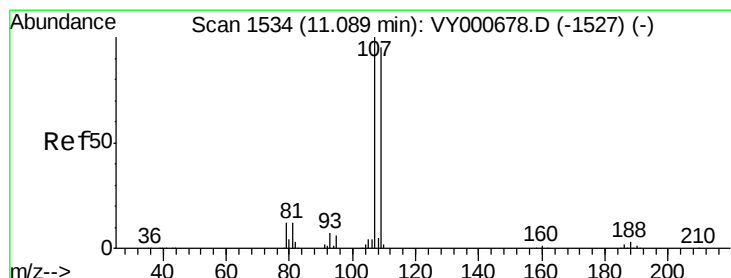
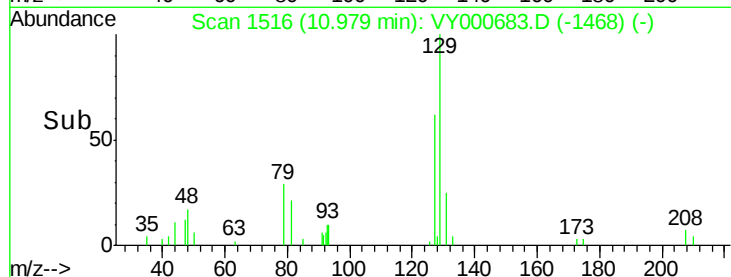
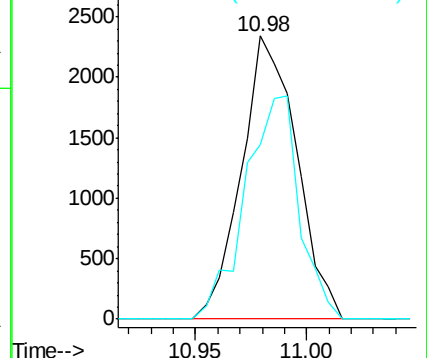
129 100

127 61.8 55.9 103.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 2.108 ug/L

RT: 11.08 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

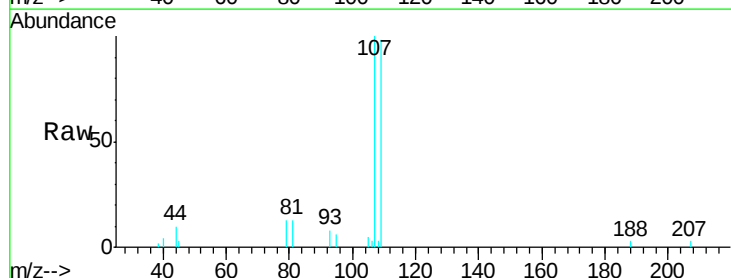
Tgt Ion:107 Resp: 4160

Ion Ratio Lower Upper

107 100

109 98.4 62.9 116.9

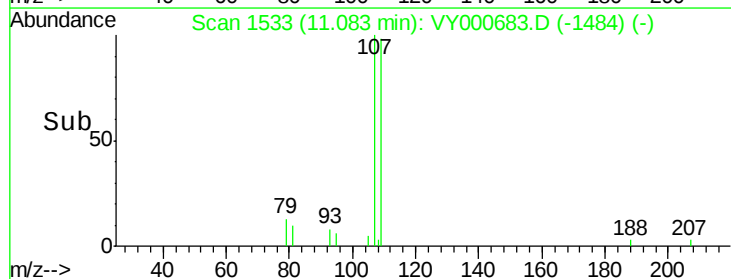
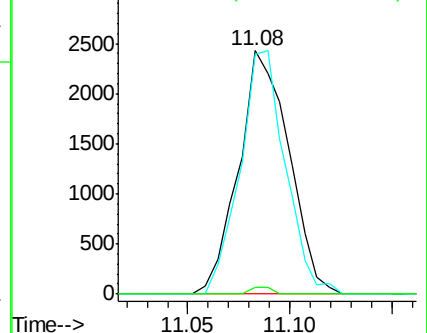
188 2.8 2.4 3.6

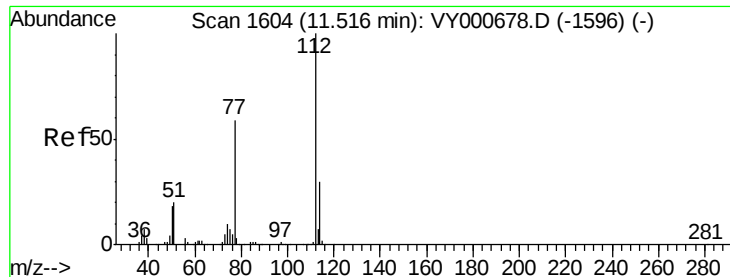


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#51

Chlorobenzene

Concen: 1.919 ug/L

RT: 11.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

MDL4

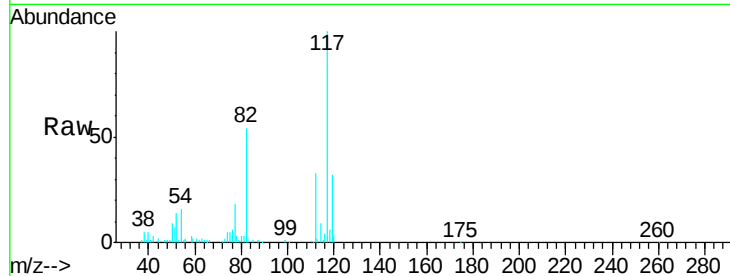
Tgt Ion: 112 Resp: 10963

Ion Ratio Lower Upper

112 100

114 28.9 23.3 43.3

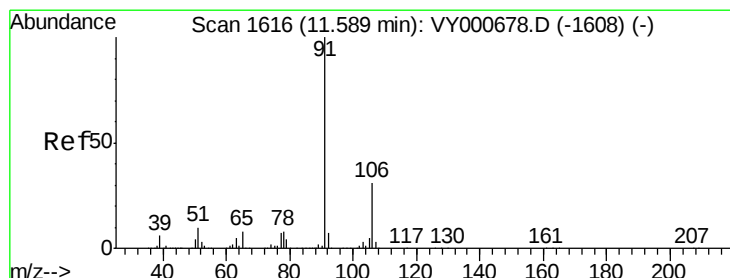
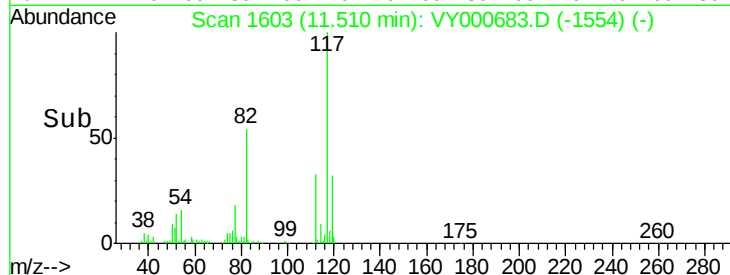
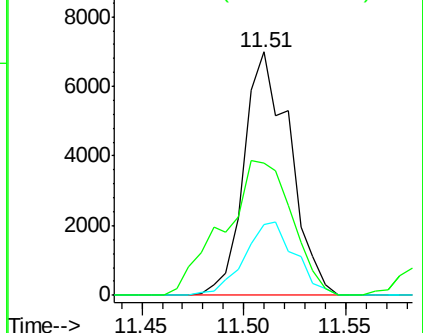
77 54.5 46.5 69.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VY0



#52

Ethylbenzene

Concen: 1.627 ug/L

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000683.D

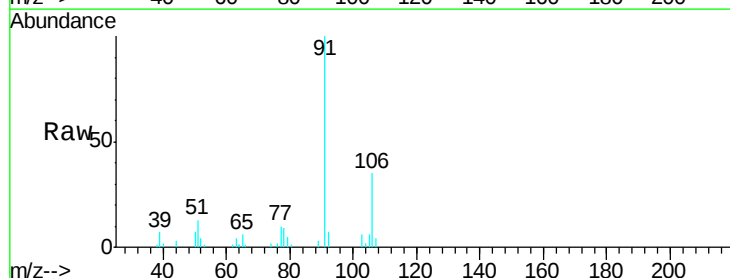
Acq: 14 Nov 2019 20:04

Tgt Ion: 91 Resp: 16465

Ion Ratio Lower Upper

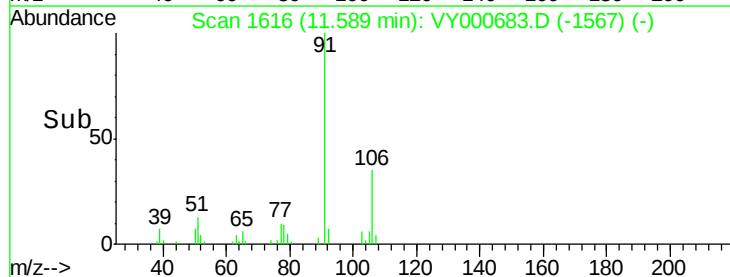
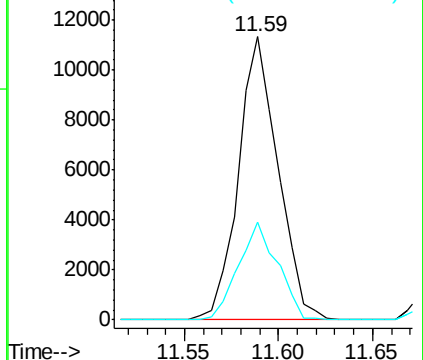
91 100

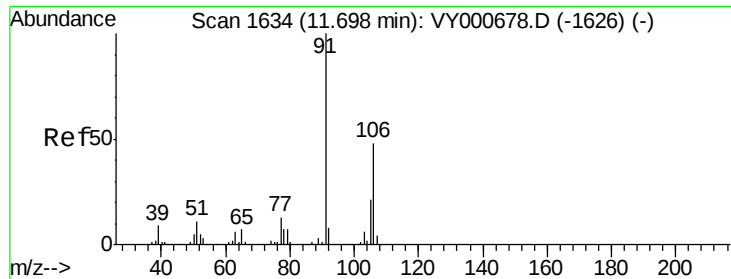
106 34.7 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 1.805 ug/L

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

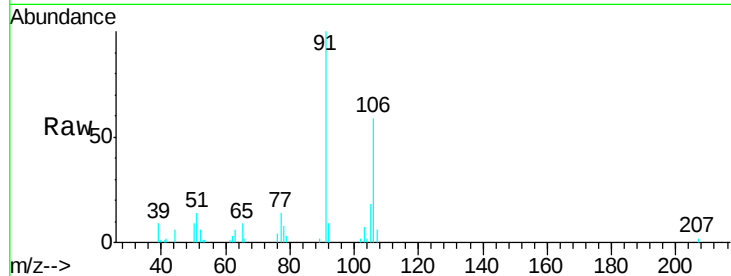
MDL4

Tgt Ion:106 Resp: 7026

Ion Ratio Lower Upper

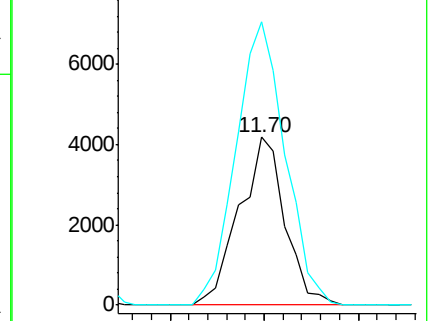
106 100

91 168.7 137.6 255.6

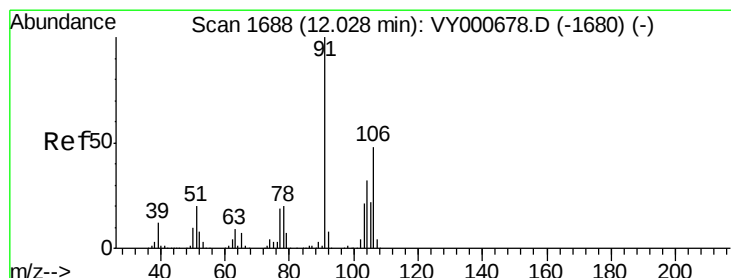
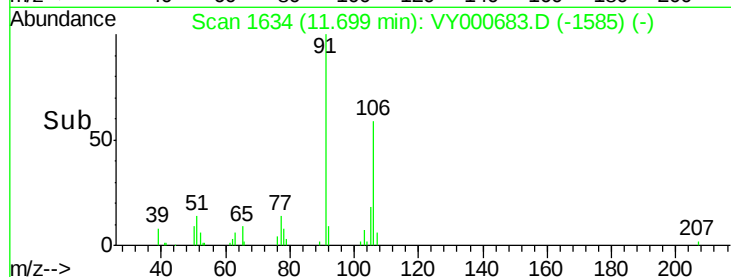


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->



#54

o-xylene

Concen: 1.699 ug/L

RT: 12.02 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VY000683.D

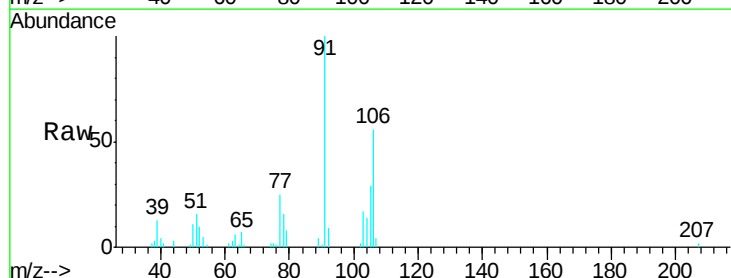
Acq: 14 Nov 2019 20:04

Tgt Ion:106 Resp: 6484

Ion Ratio Lower Upper

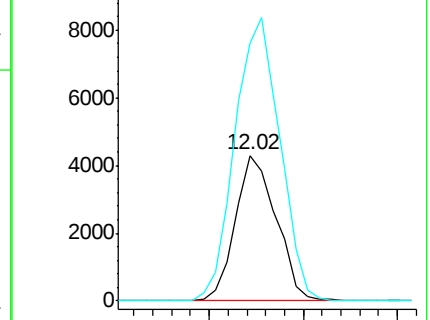
106 100

91 177.3 145.9 270.9

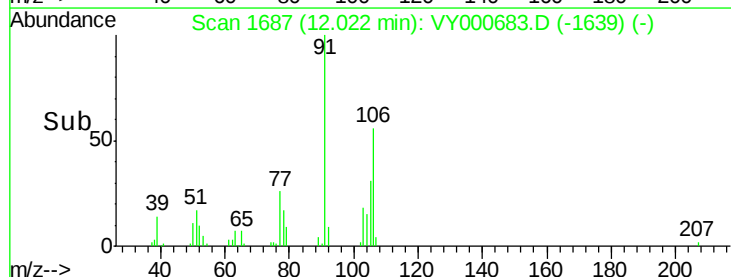


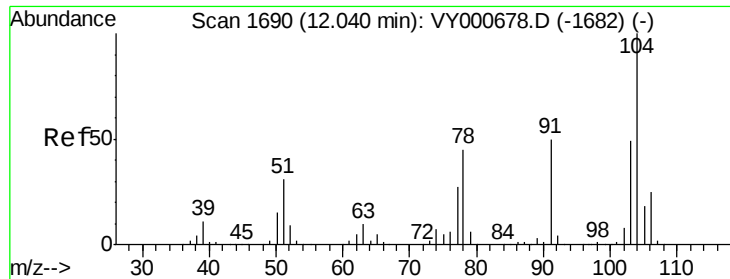
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->





#55

Styrene

Concen: 1.615 ug/L

RT: 12.04 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

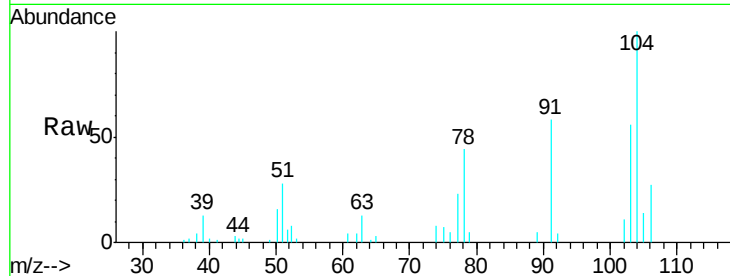
MDL4

Tgt Ion:104 Resp: 10472

Ion Ratio Lower Upper

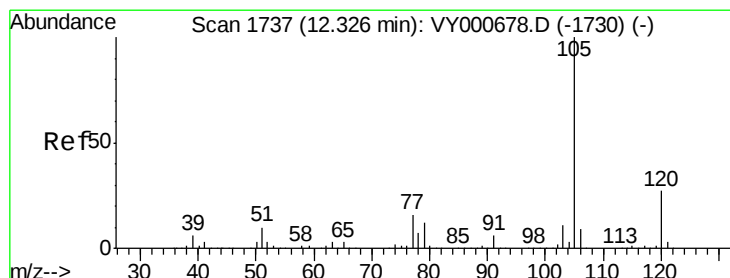
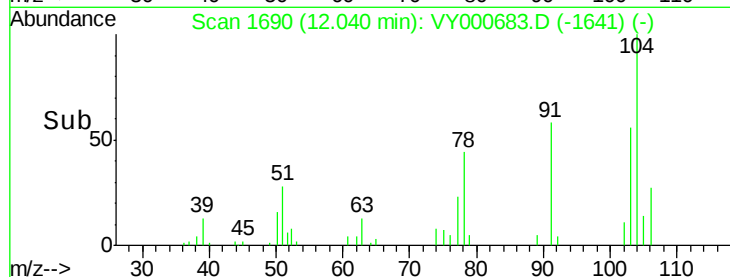
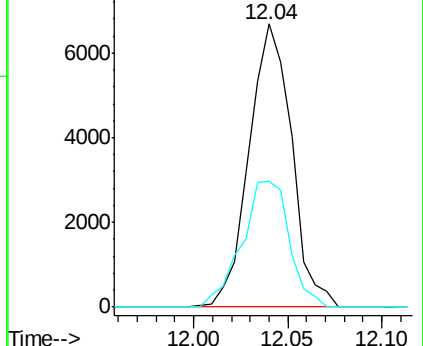
104 100

78 44.5 31.4 58.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0



#56

Isopropylbenzene

Concen: 1.549 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

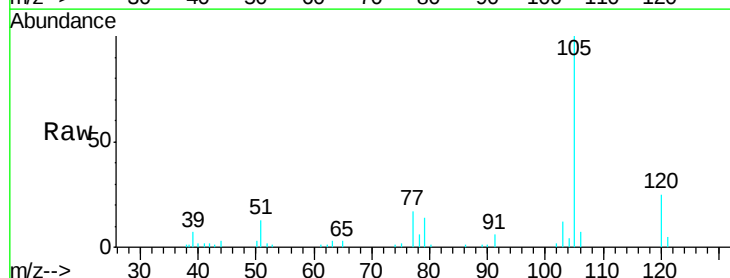
Tgt Ion:105 Resp: 15124

Ion Ratio Lower Upper

105 100

120 27.9 21.4 32.2

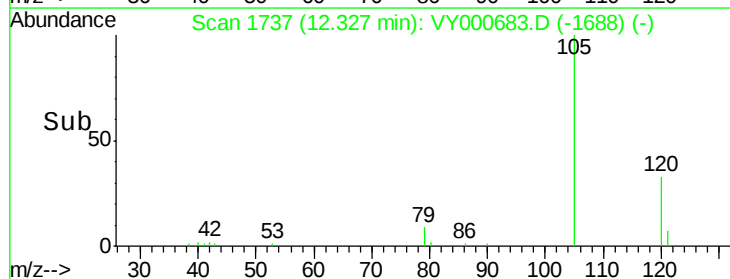
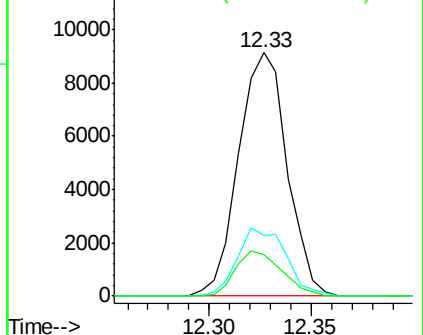
77 17.6 12.9 19.3

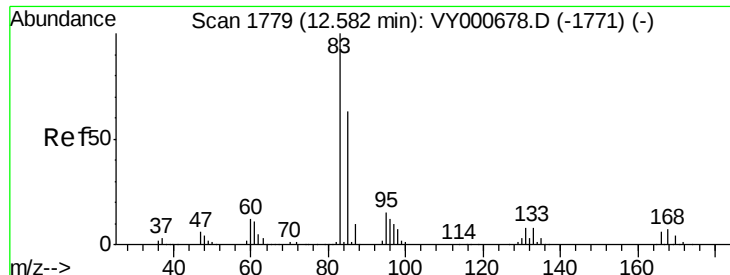


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VY0

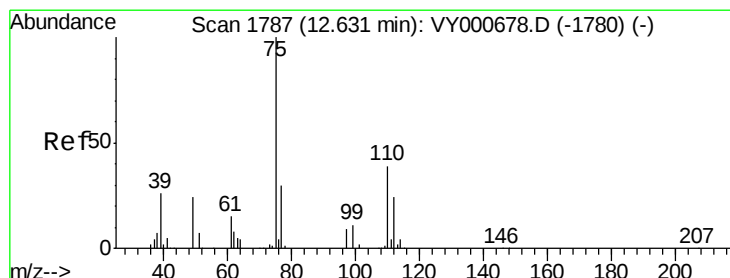
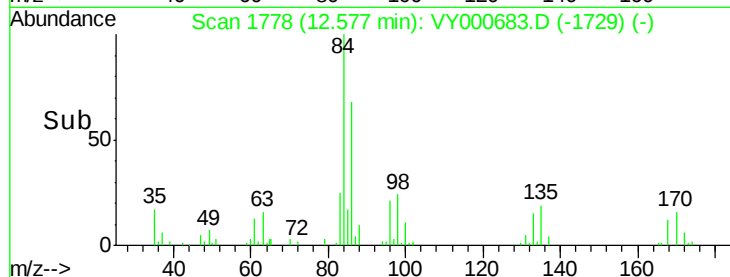
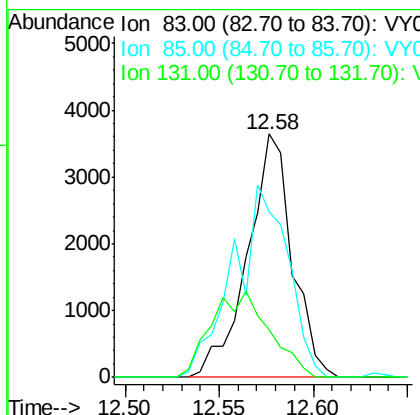
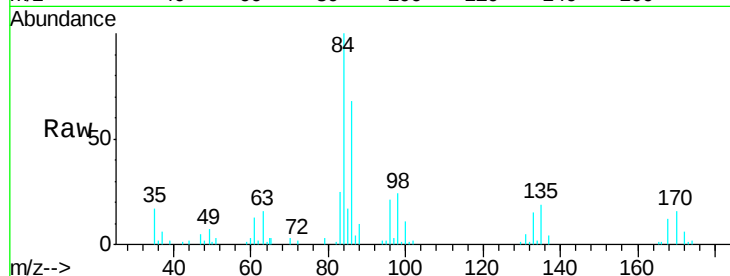




#58
 1,1,2,2-Tetrachloroethane
 Concen: 2.146 ug/L
 RT: 12.58 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VY000683.D
 Acq: 14 Nov 2019 20:04

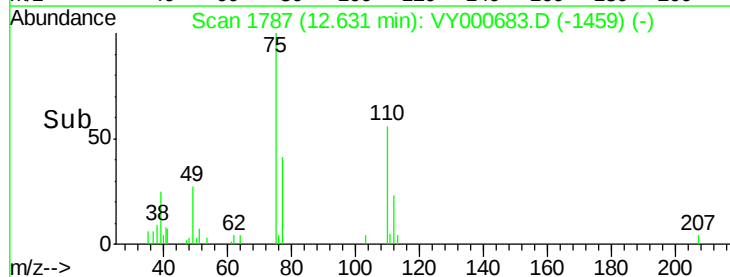
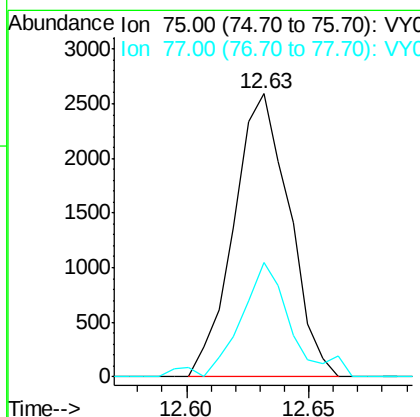
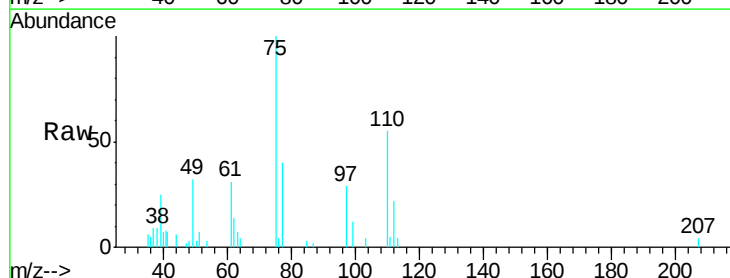
Instrument :
 MSVOA_Y
 ClientSampled :
 MDL4

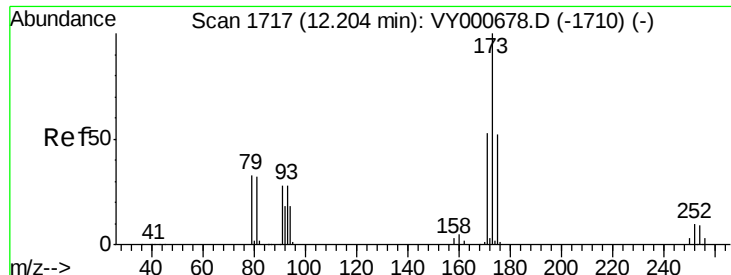
Tgt Ion: 83 Resp: 5986
 Ion Ratio Lower Upper
 83 100
 85 67.9 45.0 83.6
 131 19.6 6.6 9.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.860 ug/L
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY000683.D
 Acq: 14 Nov 2019 20:04

Tgt Ion: 75 Resp: 4103
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.5 38.3

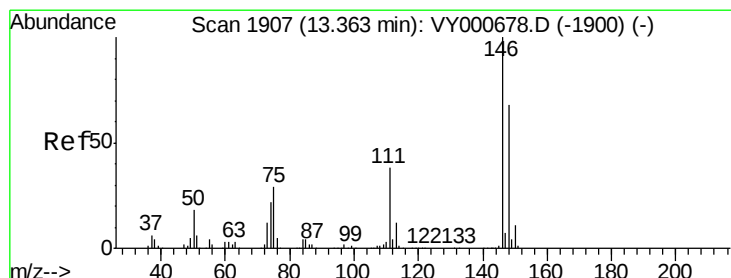
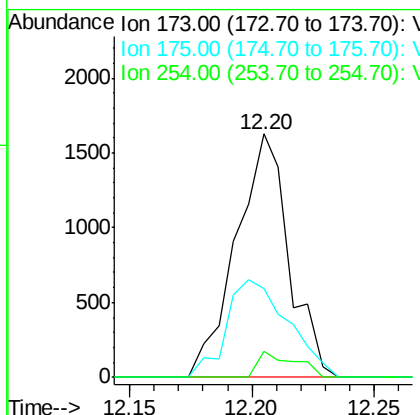
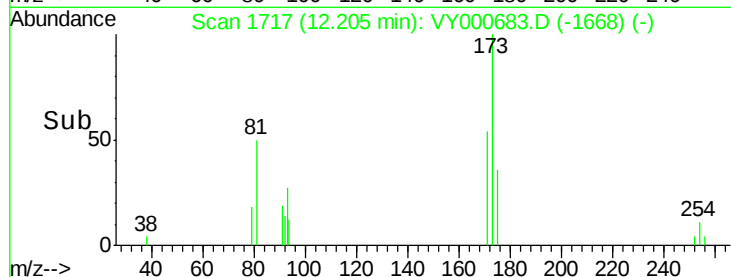
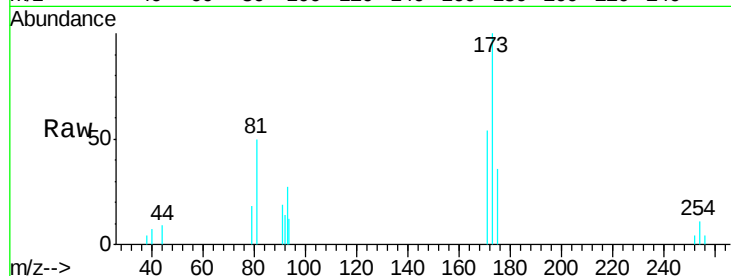




#61
Bromoform
Concen: 1.869 ug/L
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

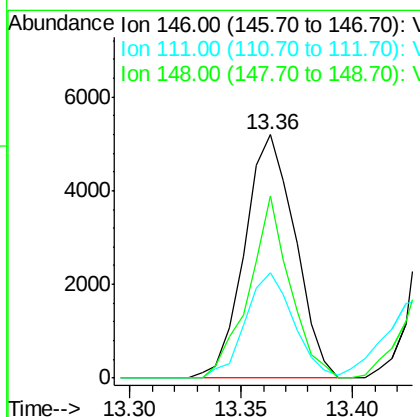
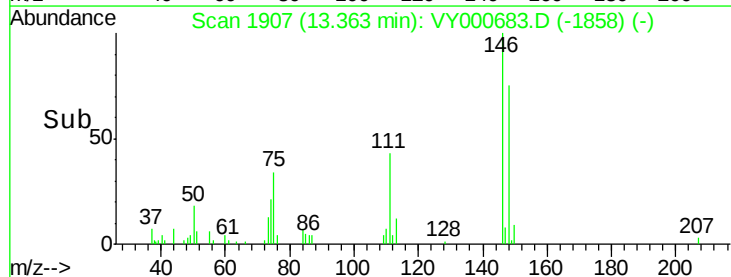
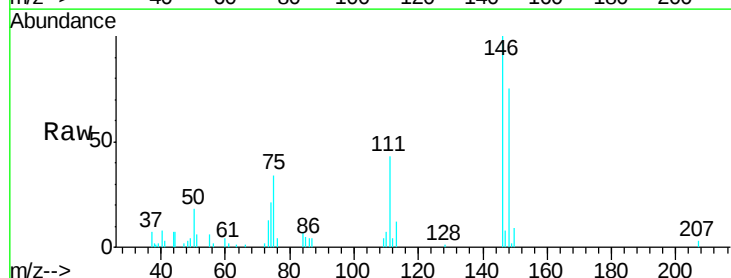
Instrument :
MSVOA_Y
ClientSampled :
MDL4

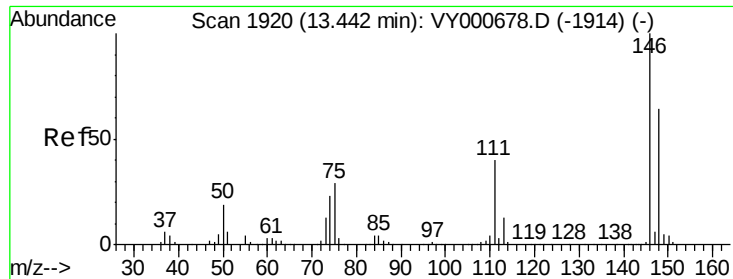
Tgt Ion:173 Resp: 2450
Ion Ratio Lower Upper
173 100
175 46.7 36.6 55.0
254 5.8 7.4 11.2#



#62
1,3-Dichlorobenzene
Concen: 2.018 ug/L
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY000683.D
Acq: 14 Nov 2019 20:04

Tgt Ion:146 Resp: 8193
Ion Ratio Lower Upper
146 100
111 43.0 28.4 52.8
148 74.8 44.1 81.9





#63

1,4-Dichlorobenzene

Concen: 2.081 ug/L

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampled :

MDL4

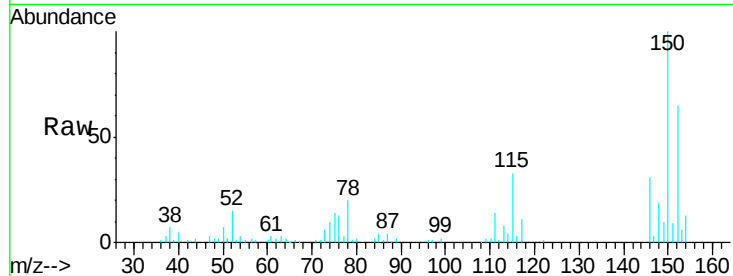
Tgt Ion:146 Resp: 8658

Ion Ratio Lower Upper

146 100

111 46.0 27.4 51.0

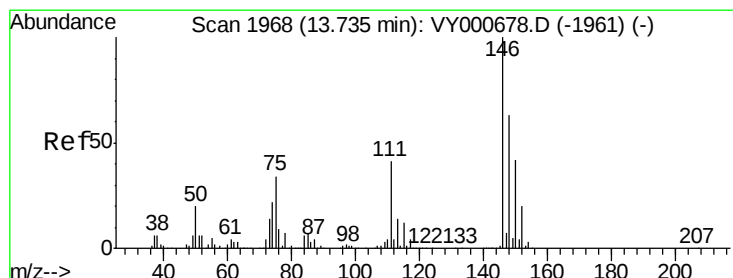
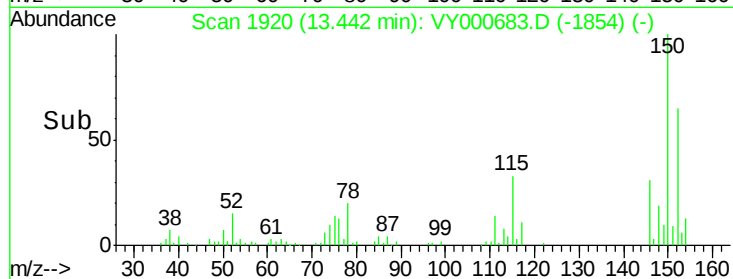
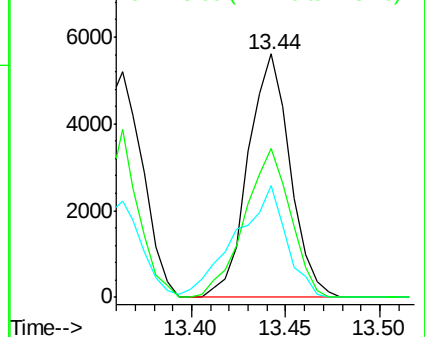
148 61.2 45.2 84.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 2.150 ug/L

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

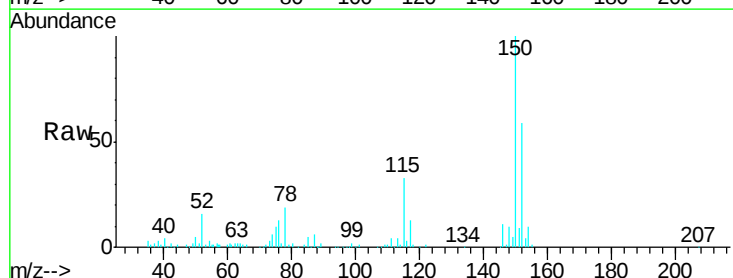
Tgt Ion:146 Resp: 8598

Ion Ratio Lower Upper

146 100

111 38.8 33.4 50.0

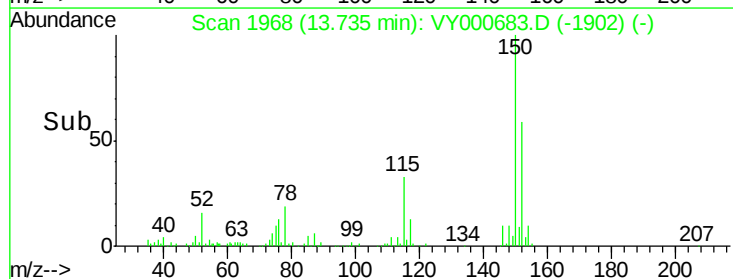
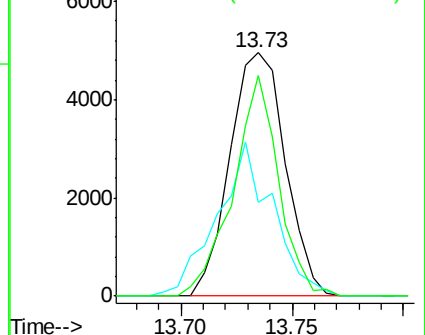
148 90.7 50.8 76.2#

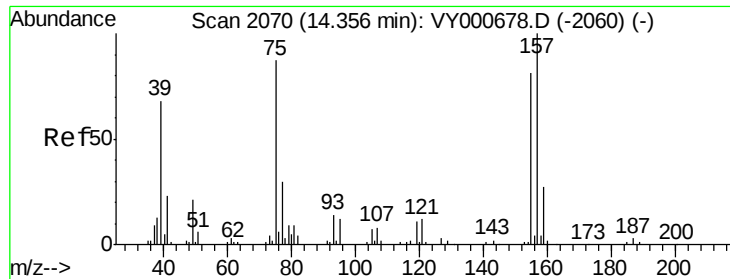


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

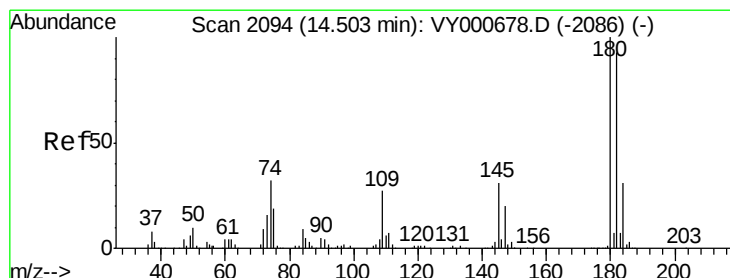
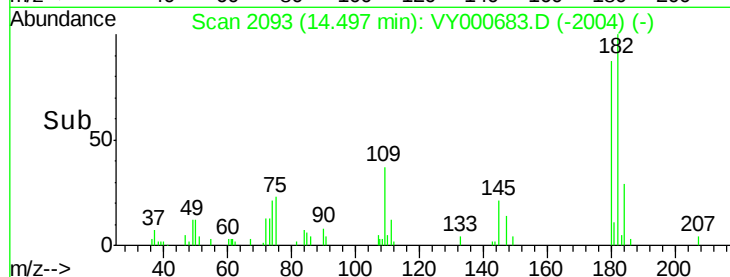
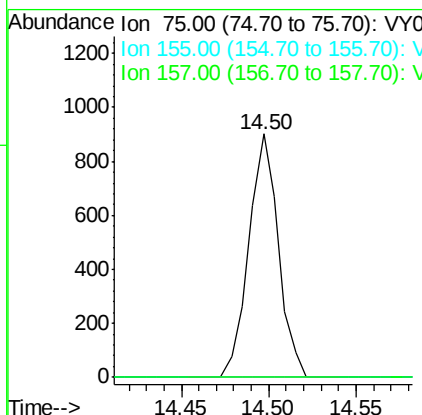
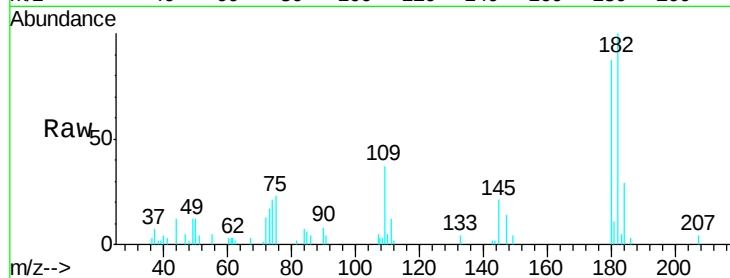




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.180 ug/L
 RT: 14.50 min Scan# 2093
 Delta R.T. 0.14 min
 Lab File: VY000683.D
 Acq: 14 Nov 2019 20:04

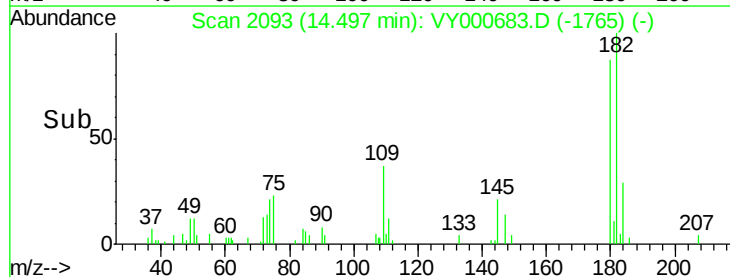
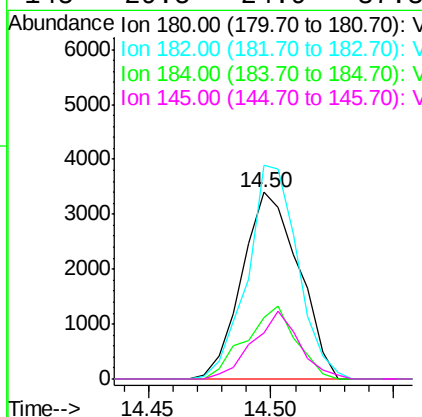
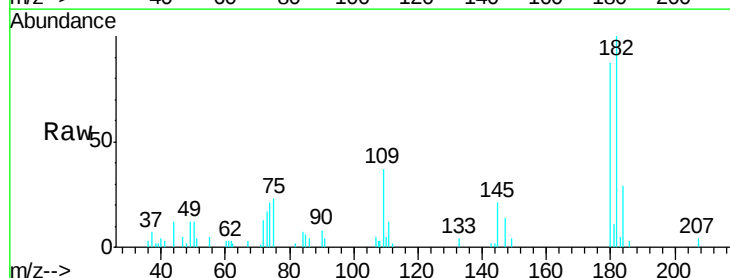
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL4

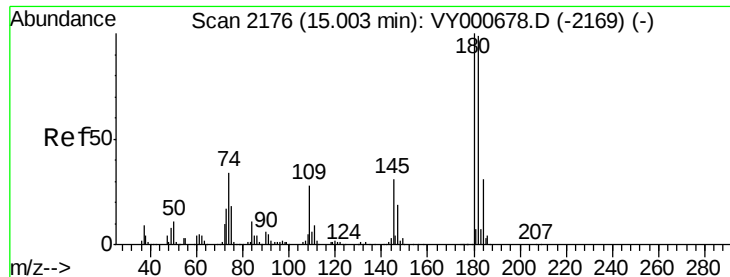
Tgt Ion: 75 Resp: 1053
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 77.8 116.8#



#67
 1,3,5-Trichlorobenzene
 Concen: 1.947 ug/L
 RT: 14.50 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: VY000683.D
 Acq: 14 Nov 2019 20:04

Tgt Ion: 180 Resp: 5518
 Ion Ratio Lower Upper
 180 100
 182 101.4 77.8 116.6
 184 34.6 25.2 37.8
 145 29.5 24.9 37.3

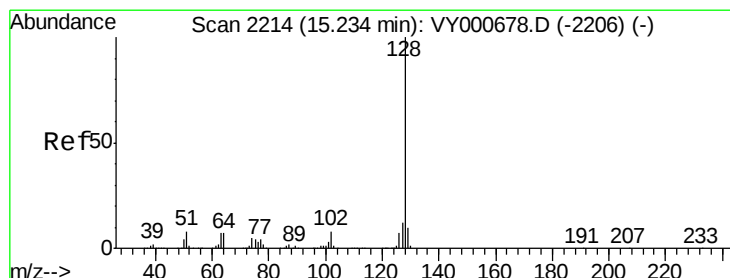
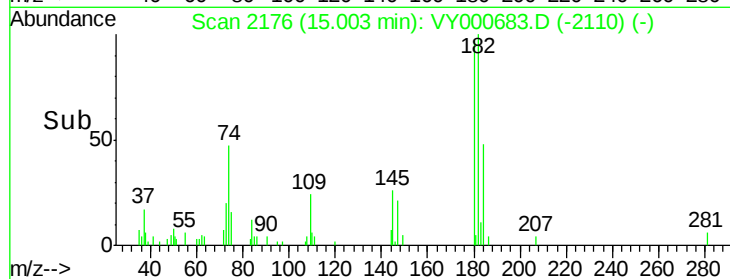
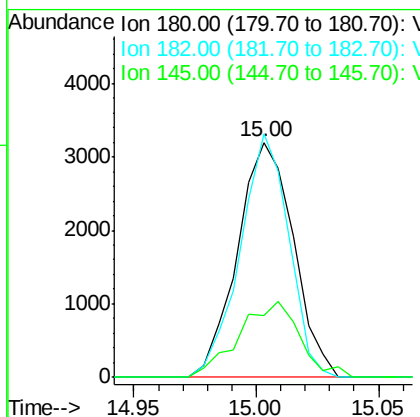
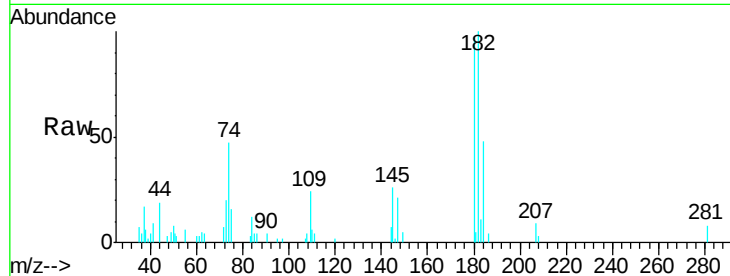




#68
 1,2,4-trichlorobenzene
 Concen: 1.913 ug/L
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000683.D
 Acq: 14 Nov 2019 20:04

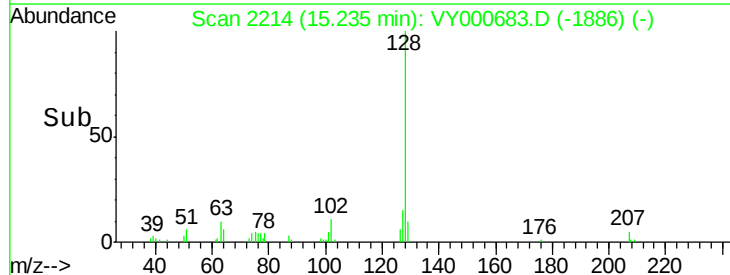
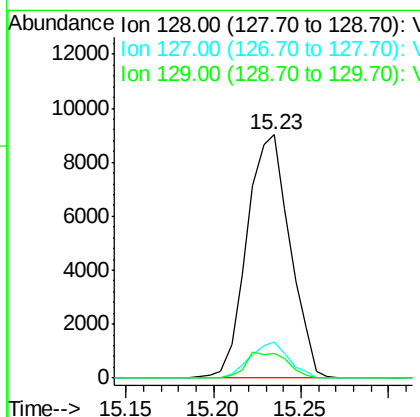
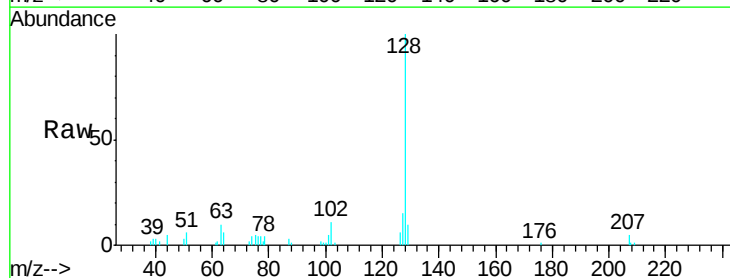
Instrument :
 MSVOA_Y
 ClientSampled :
 MDL4

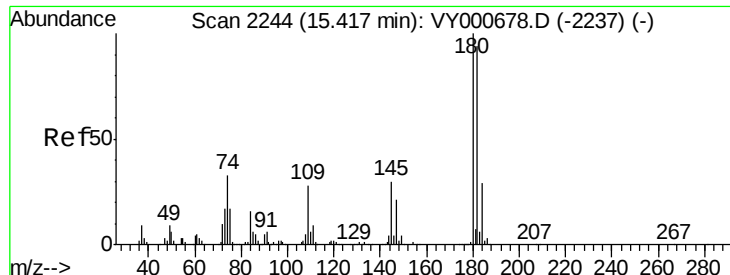
Tgt Ion:180 Resp: 5084
 Ion Ratio Lower Upper
 180 100
 182 90.1 75.5 113.3
 145 35.0 25.4 38.0



#69
 Naphthalene
 Concen: 1.949 ug/L
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY000683.D
 Acq: 14 Nov 2019 20:04

Tgt Ion:128 Resp: 15484
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.1 15.1
 129 10.0 8.7 13.1





#70

1,2,3-Trichlorobenzene

Concen: 1.956 ug/L

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000683.D

Acq: 14 Nov 2019 20:04

Instrument :

MSVOA_Y

ClientSampleId :

MDL4

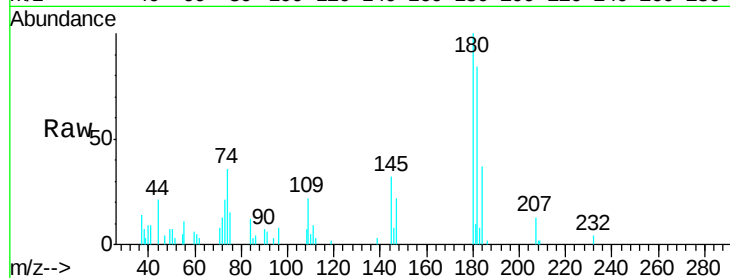
Tgt Ion:180 Resp: 5004

Ion Ratio Lower Upper

180 100

182 93.6 75.3 112.9

145 37.3 25.8 38.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

