

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001648.D
 Acq On : 17 Feb 2020 16:01
 Operator : SY/MD
 Sample : L1365-09
 Misc : 8.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-021420

Quant Time: Feb 17 17:19:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

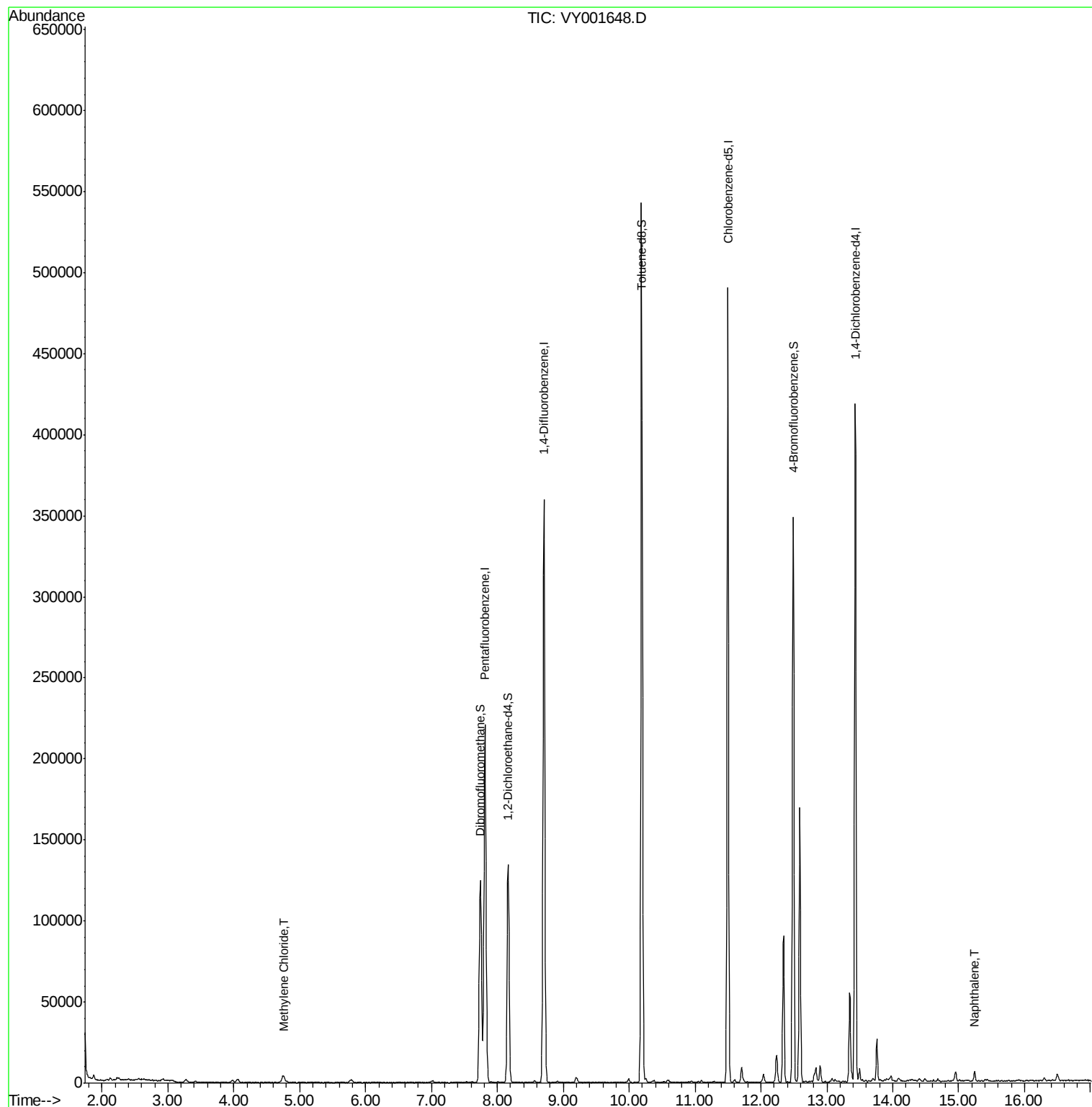
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	172022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	305360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	100356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	98831	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	7.74	113	89130	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.19	98	365314	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.49	95	117030	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
20) Methylene Chloride	4.75	84	2827	1.243	ug/l	97
95) Naphthalene	15.24	128	4713	1.040	ug/l	98

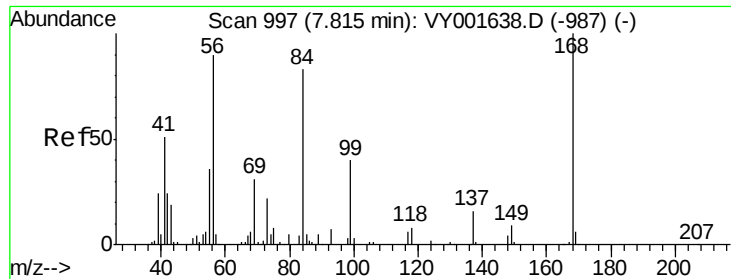
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
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QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001648.D

Acq: 17 Feb 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

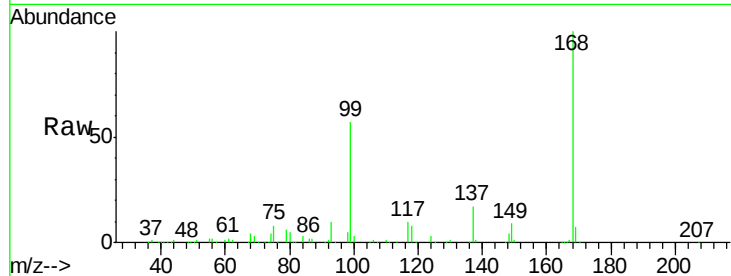
CL-02-021420

Tot Ion:168 Resp: 172022

Ion Ratio Lower Upper

168 100

99 56.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

80000

60000

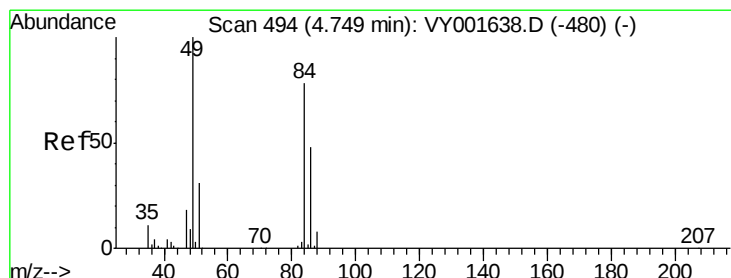
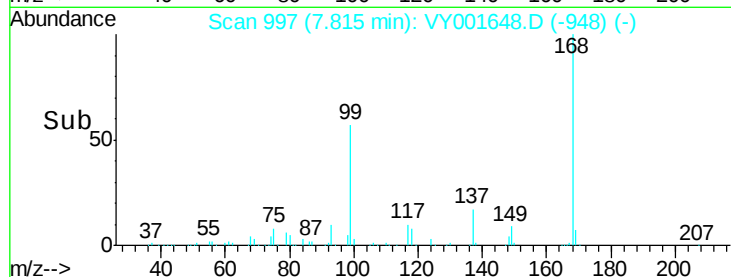
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 1.243 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001648.D

Acq: 17 Feb 2020 16:01

Tgt Ion: 84 Resp: 2827

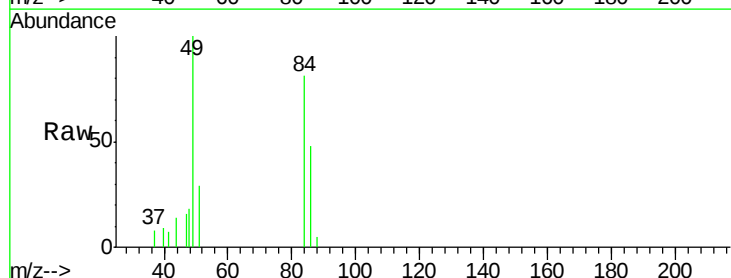
Ion Ratio Lower Upper

84 100

49 123.9 99.2 148.8

51 36.2 31.5 47.3

86 59.1 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001638.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001638.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001638.D (-480) (-)

4.75

1500

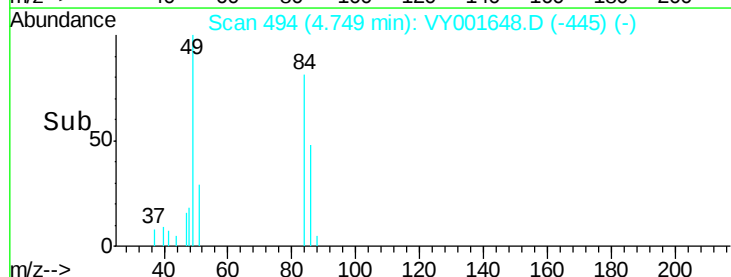
1000

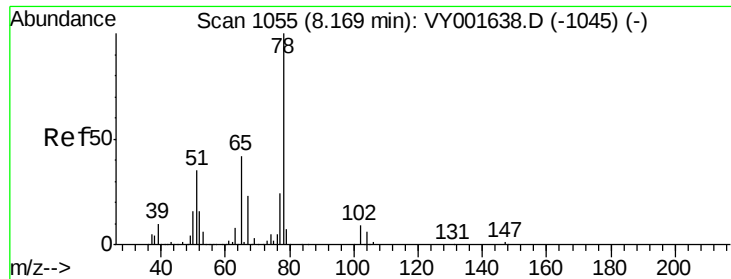
500

0

4.65 4.70 4.75 4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.412 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001648.D

Acq: 17 Feb 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

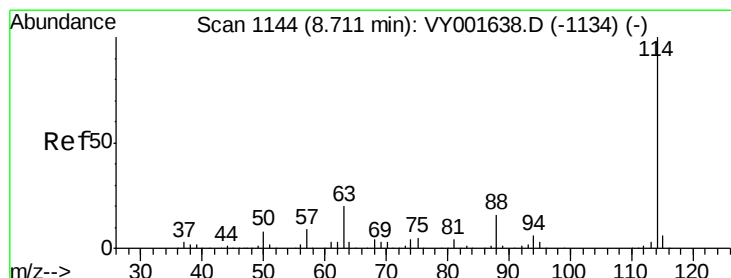
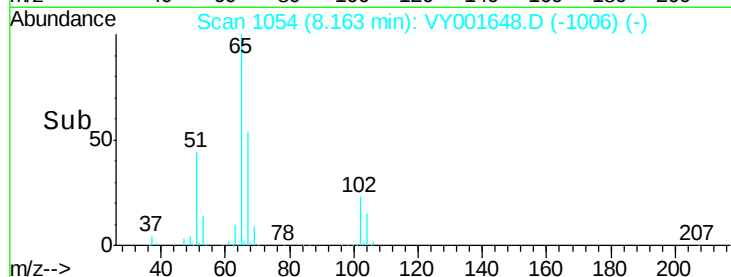
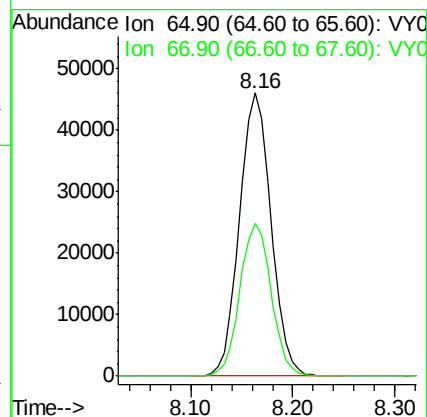
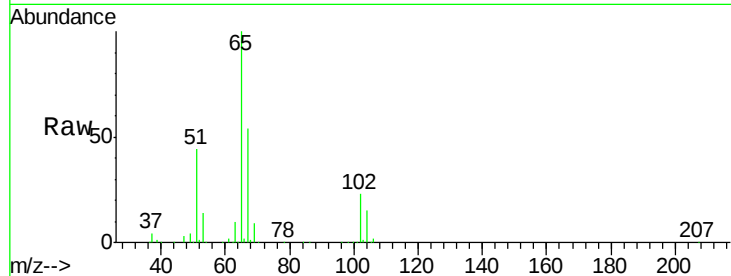
CL-02-021420

Tot Ion: 65 Resp: 98831

Ion Ratio Lower Upper

65 100

67 53.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001648.D

Acq: 17 Feb 2020 16:01

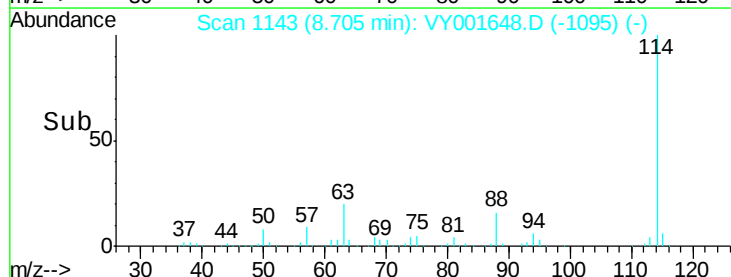
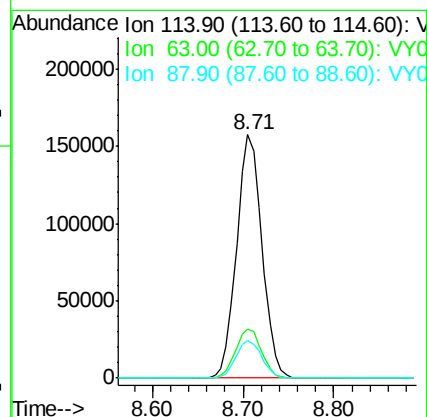
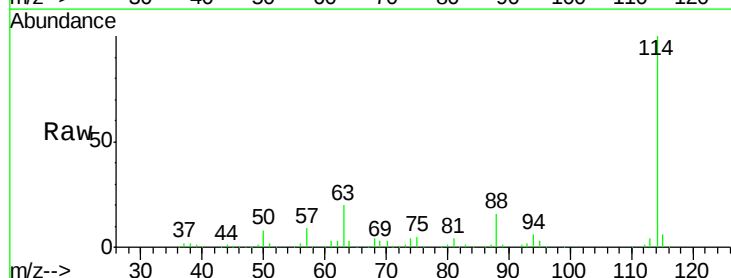
Tgt Ion: 114 Resp: 305360

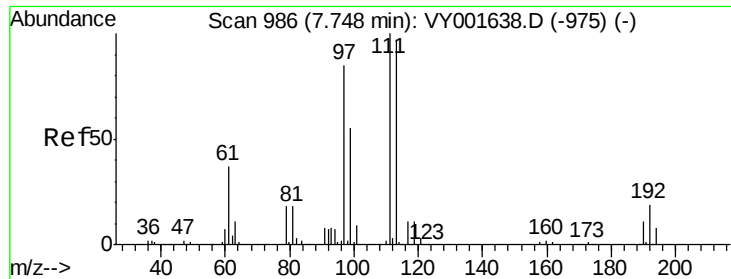
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 15.6 0.0 32.8

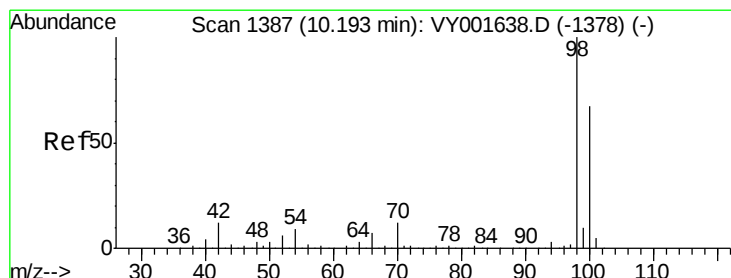
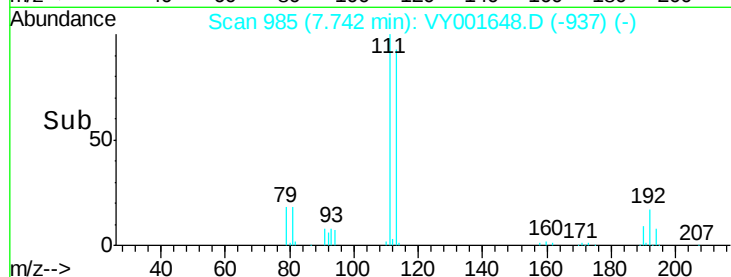
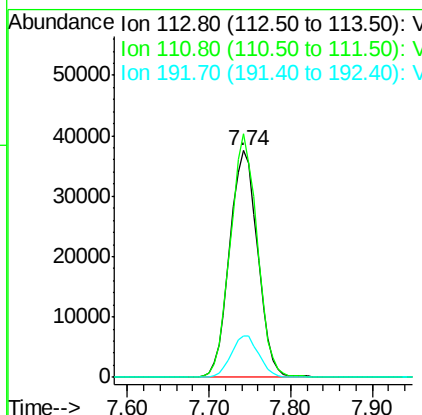
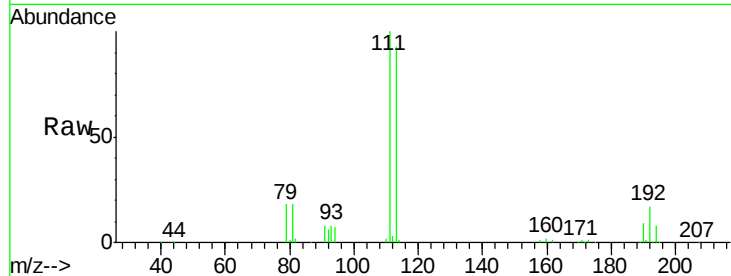




#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001648.D
Acq: 17 Feb 2020 16:01

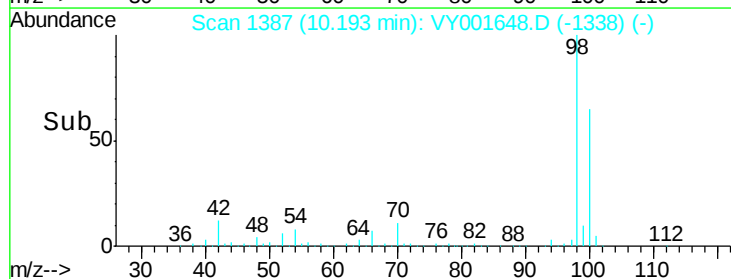
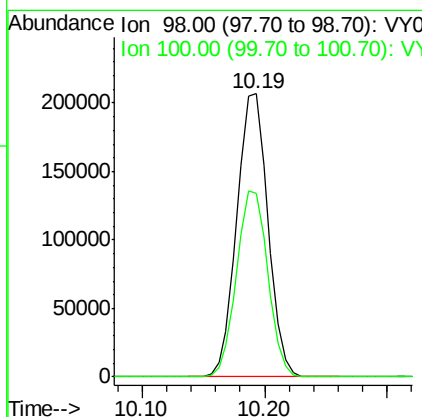
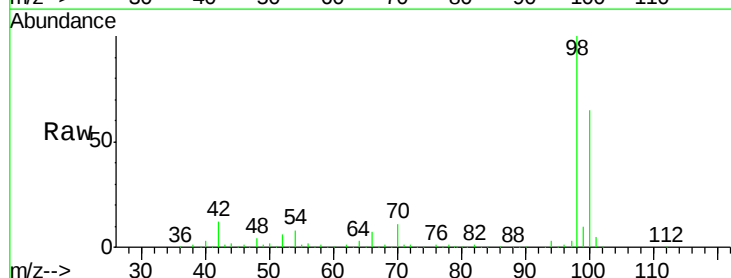
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-021420

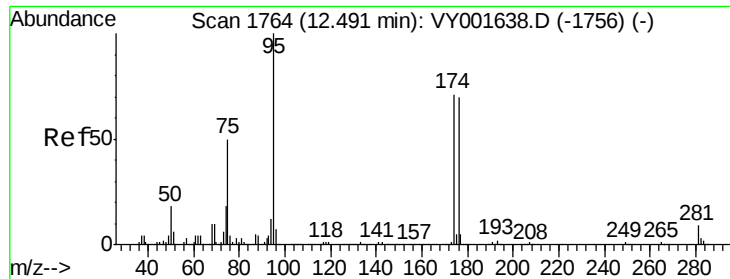
Tot Ion:113 Resp: 89130
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 18.1 14.3 21.5



#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001648.D
Acq: 17 Feb 2020 16:01

Tgt Ion: 98 Resp: 365314
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

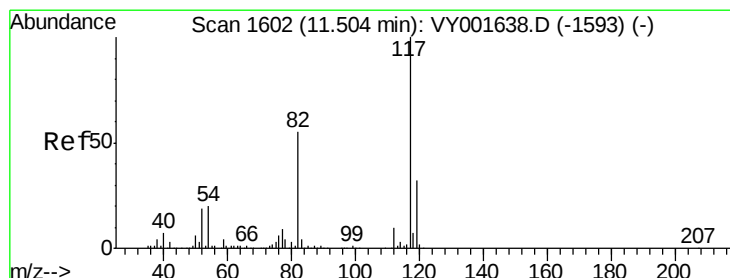
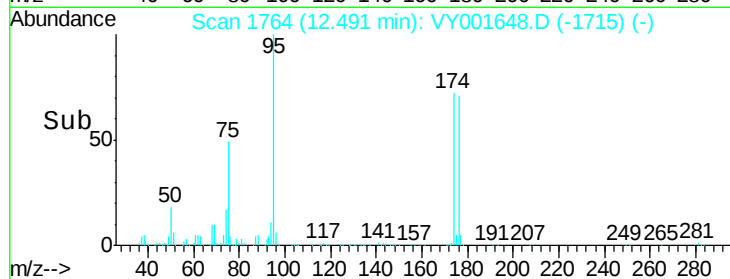
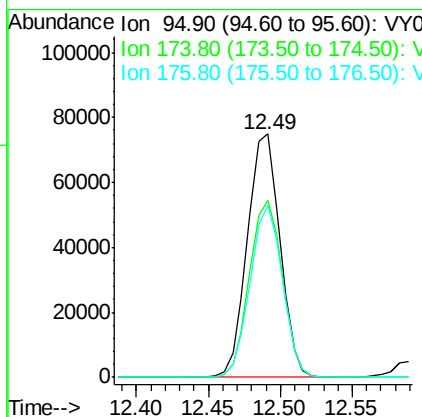
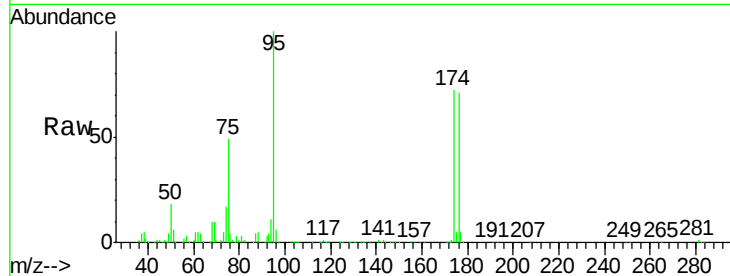




#62
4-Bromofluorobenzene
Concen: 43.965 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001648.D
Acq: 17 Feb 2020 16:01

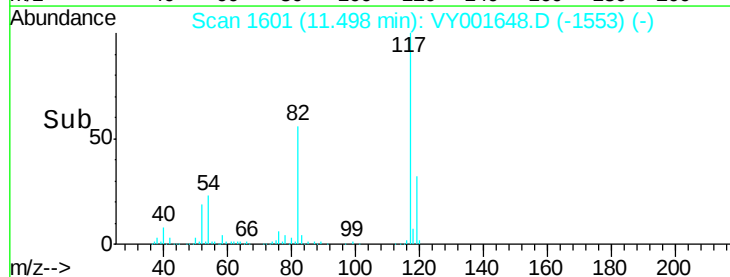
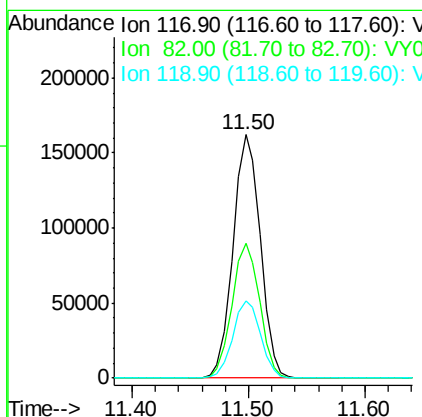
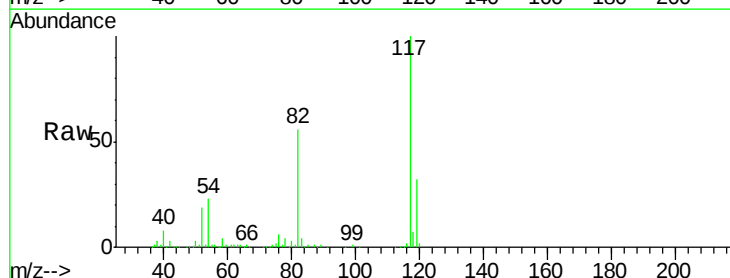
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-021420

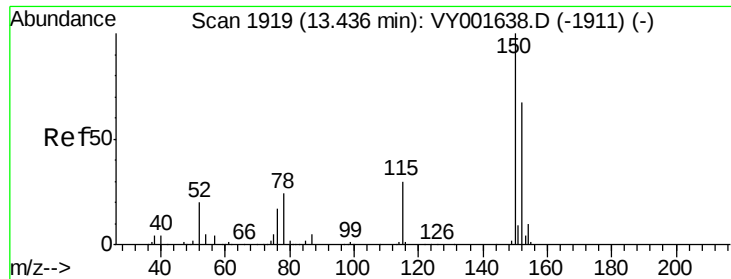
Tot Ion	95	Resp	117030
Ion Ratio	Lower	Upper	
95	100		
174	73.4	0.0	138.4
176	69.8	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001648.D
Acq: 17 Feb 2020 16:01

Tgt Ion	117	Resp	264680
Ion Ratio	Lower	Upper	
117	100		
82	55.6	45.5	68.3
119	31.7	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001648.D

Acq: 17 Feb 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-021420

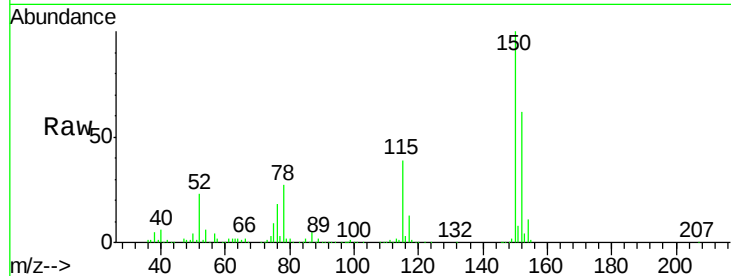
Tot Ion:152 Resp: 100356

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

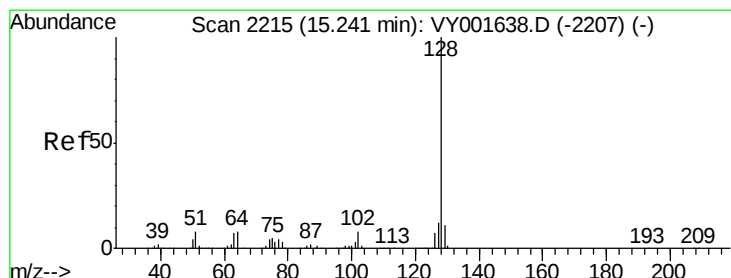
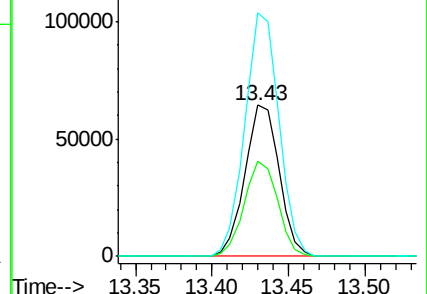
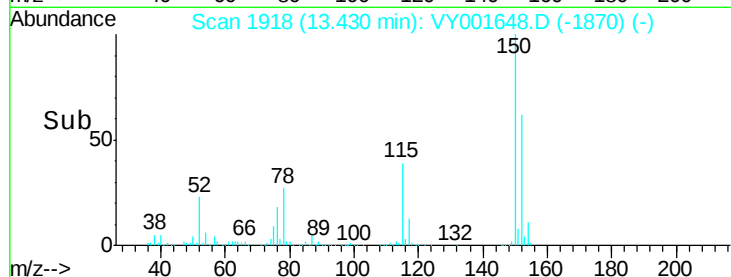
150 160.3 0.0 407.2



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



#95

Naphthalene

Concen: 1.040 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001648.D

Acq: 17 Feb 2020 16:01

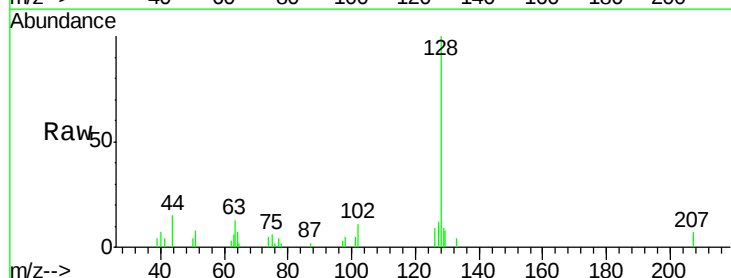
Tgt Ion:128 Resp: 4713

Ion Ratio Lower Upper

128 100

127 13.2 9.9 14.9

129 11.6 8.6 13.0



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

