

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003022.D
 Acq On : 29 Jun 2020 21:29
 Operator : SY/MD
 Sample : L3153-10
 Misc : 6.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-A

Quant Time: Jun 30 07:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

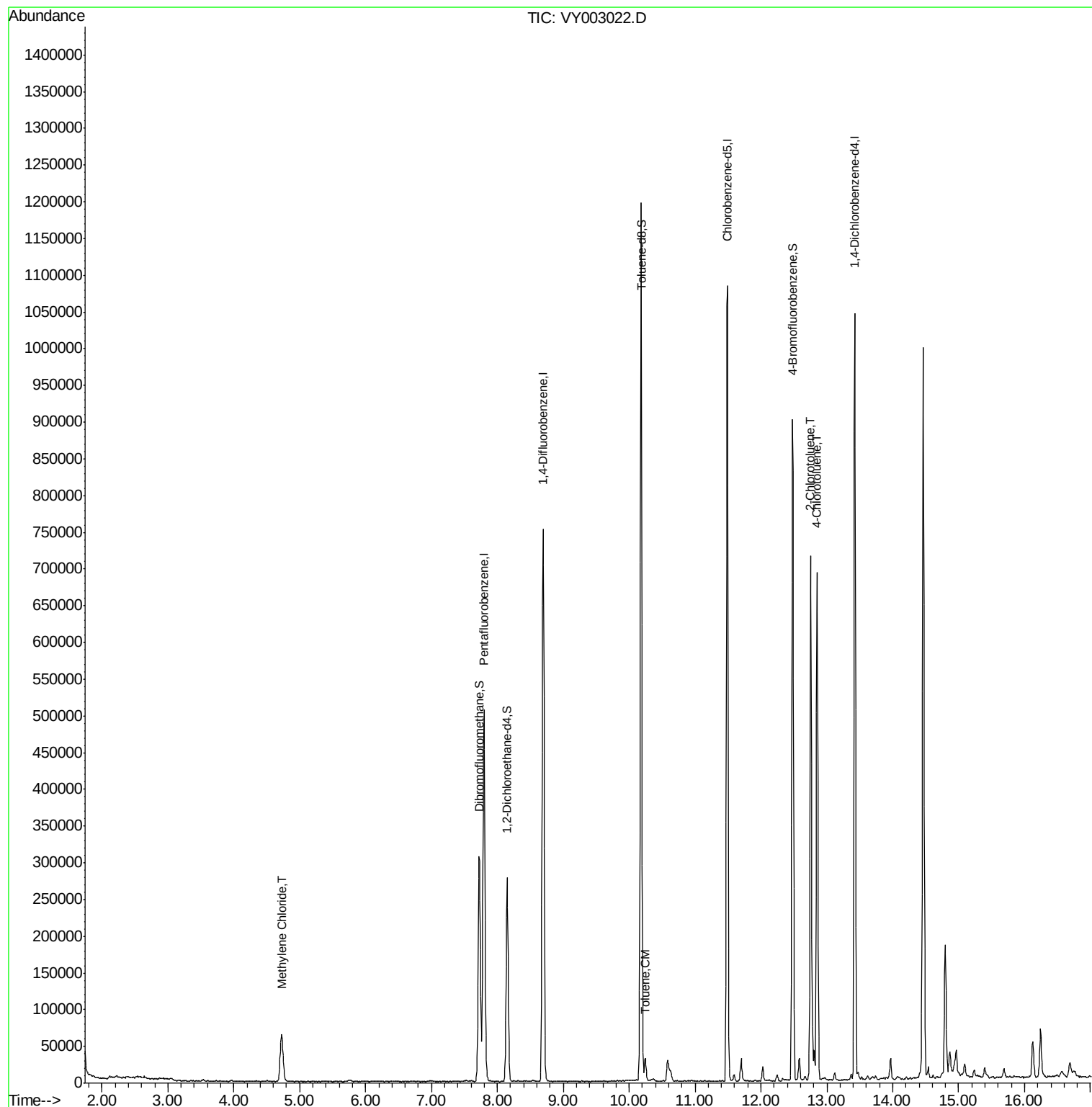
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	411072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	651348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	600423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	269524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	220273	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	7.72	113	216590	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
50) Toluene-d8	10.18	98	780639	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.48	95	263346	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
Target Compounds						
20) Methylene Chloride	4.73	84	50076	5.442	ug/l	93
52) Toluene	10.25	92	12566	1.162	ug/l	99
79) 2-Chlorotoluene	12.75	91	387253	32.704	ug/l	97
82) 4-Chlorotoluene	12.85	91	376314	30.524	ug/l	100

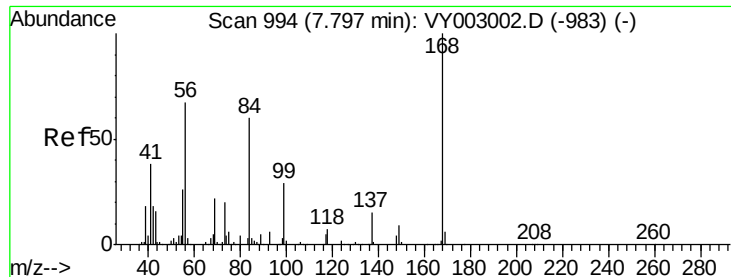
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003022.D
Acq On : 29 Jun 2020 21:29
Operator : SY/MD
Sample : L3153-10
Misc : 6.91G/5ML/MSVOA Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP2-A

Quant Time: Jun 30 07:39:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003022.D

Acq: 29 Jun 2020 21:29

Instrument :

MSVOA_Y

ClientSampled :

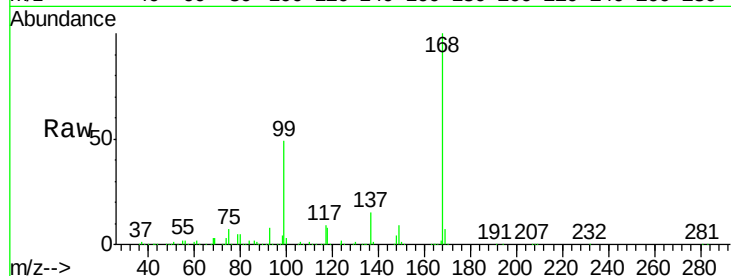
SP2-A

Tot Ion:168 Resp: 411072

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

200000

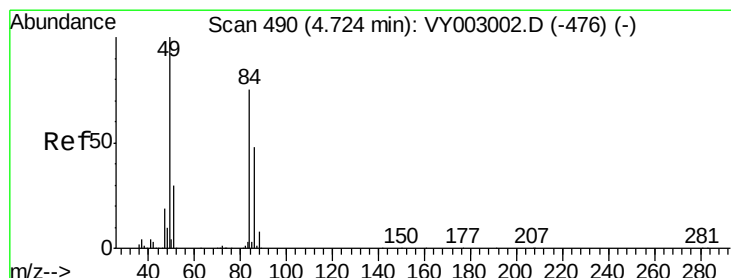
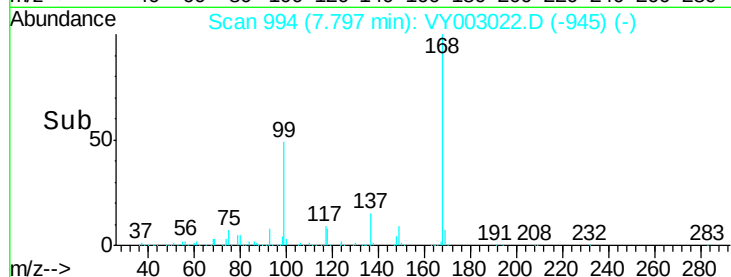
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.442 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003022.D

Acq: 29 Jun 2020 21:29

Tgt Ion: 84 Resp: 50076

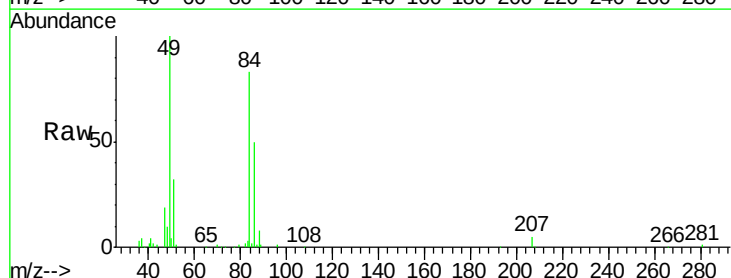
Ion Ratio Lower Upper

84 100

49 120.8 106.8 160.2

51 39.1 32.0 48.0

86 60.9 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VY003002.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003002.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003002.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003002.D (-476) (-)

4.73

30000

25000

20000

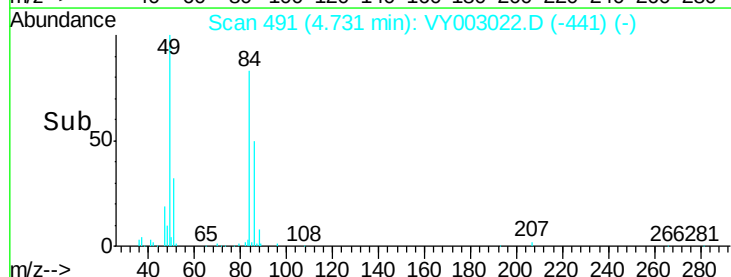
15000

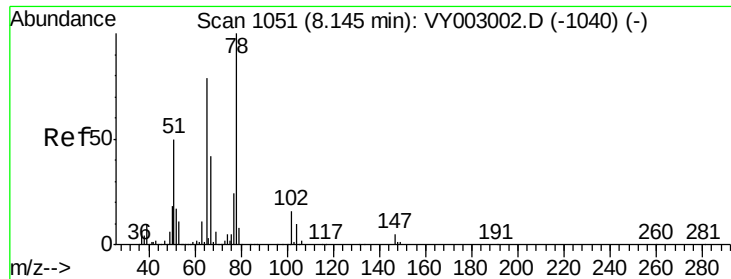
10000

5000

0

Time-->

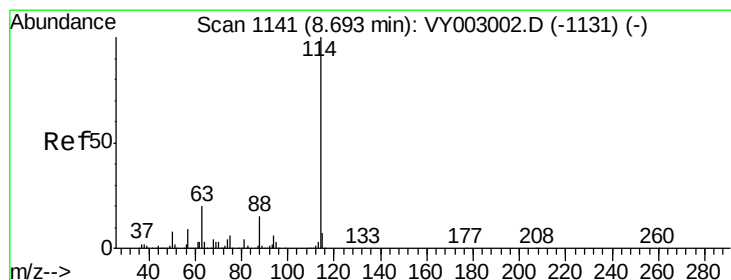
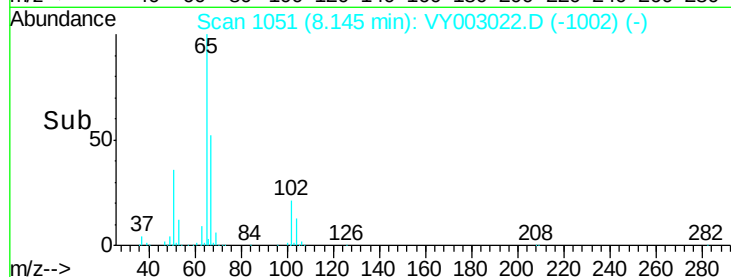
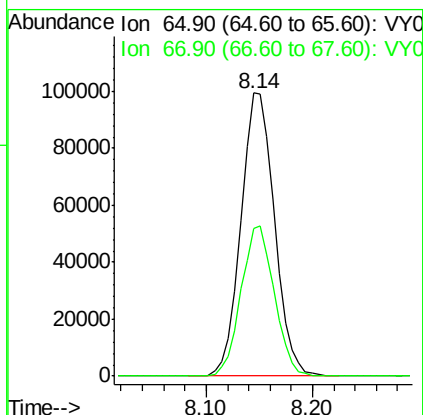
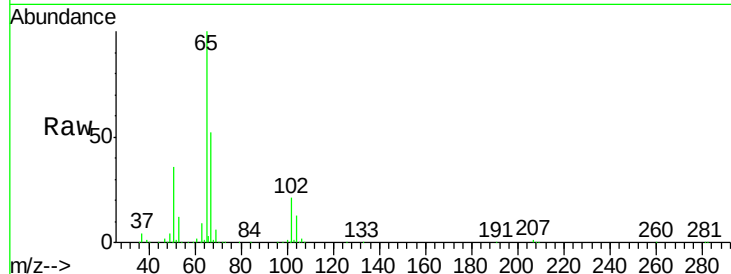




#33
 1,2-Dichloroethane-d4
 Concen: 53.952 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003022.D
 Acq: 29 Jun 2020 21:29

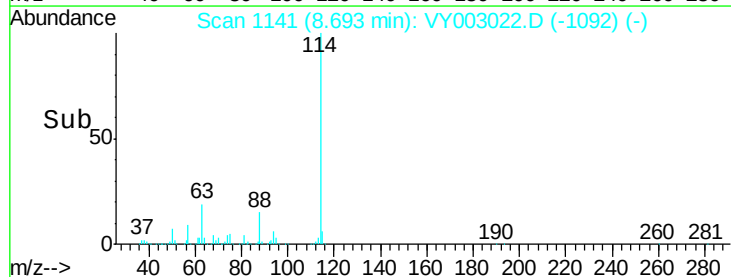
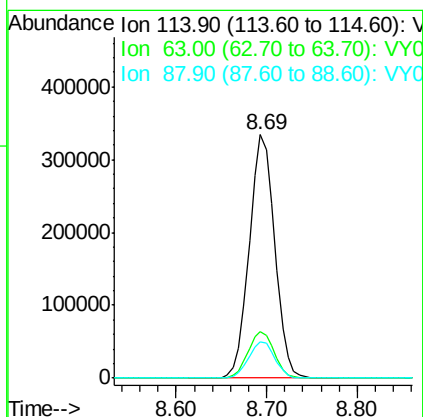
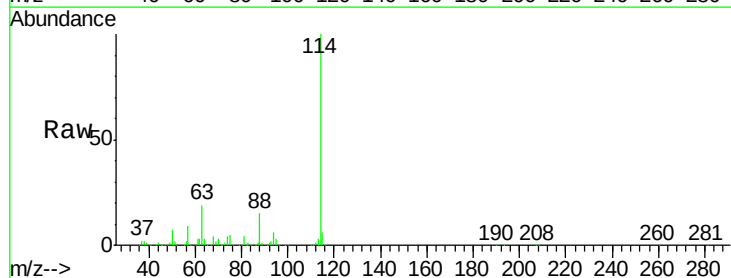
Instrument :
 MSVOA_Y
 ClientSampled :
 SP2-A

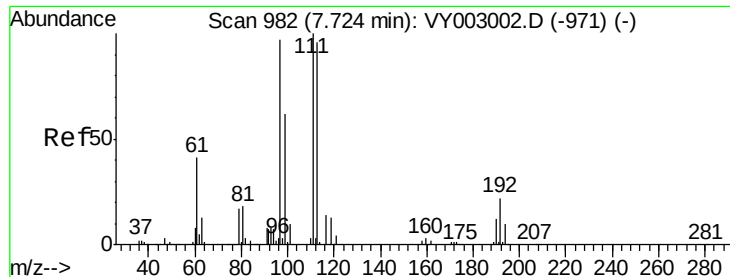
Tot Ion: 65 Resp: 220273
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003022.D
 Acq: 29 Jun 2020 21:29

Tgt Ion: 114 Resp: 651348
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.6
 88 14.7 0.0 30.0

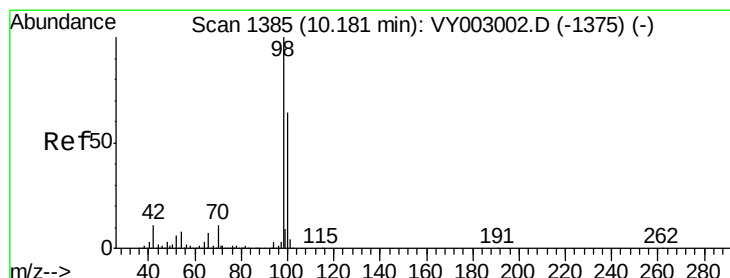
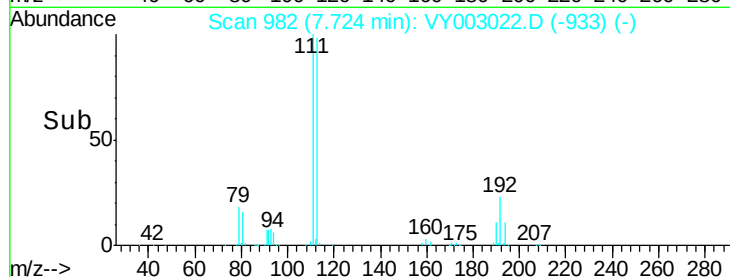
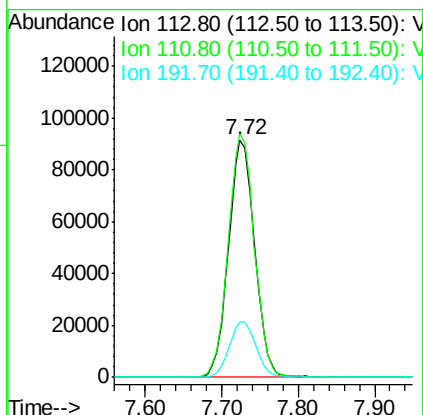
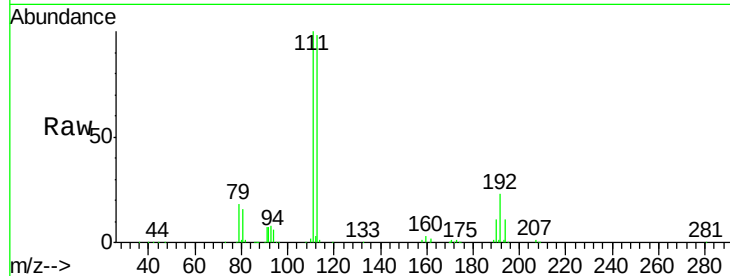




#35
Dibromofluoromethane
Concen: 53.305 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003022.D
Acq: 29 Jun 2020 21:29

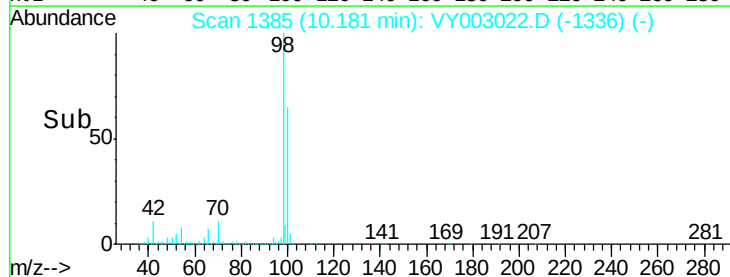
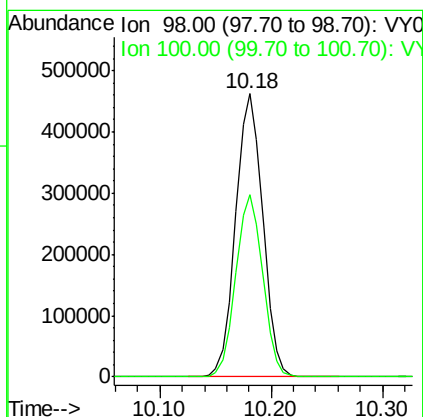
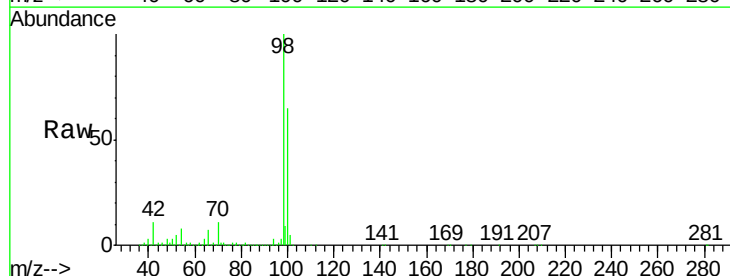
Instrument :
MSVOA_Y
ClientSampleId :
SP2-A

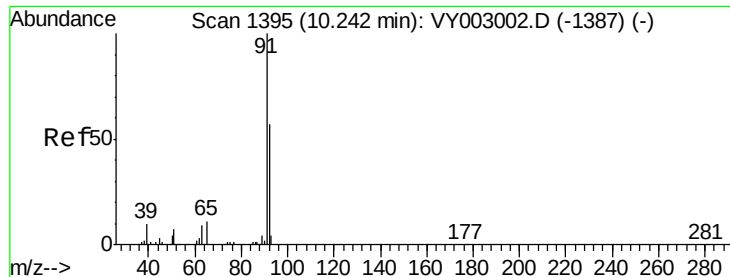
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	23.8	18.1	27.1



#50
Toluene-d8
Concen: 51.571 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003022.D
Acq: 29 Jun 2020 21:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#52

Toluene

Concen: 1.162 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003022.D

Acq: 29 Jun 2020 21:29

Instrument :

MSVOA_Y

ClientSampled :

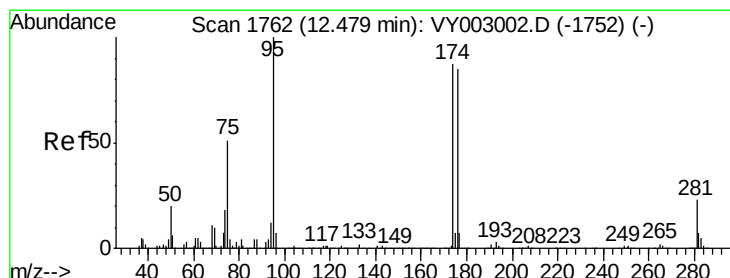
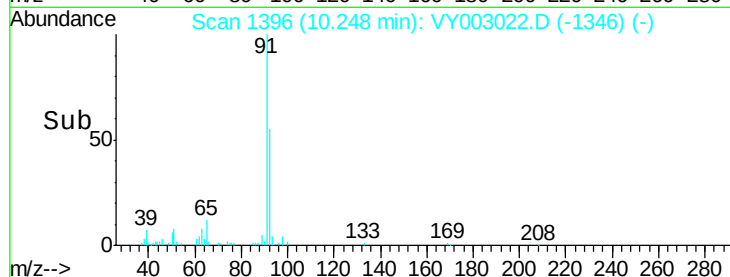
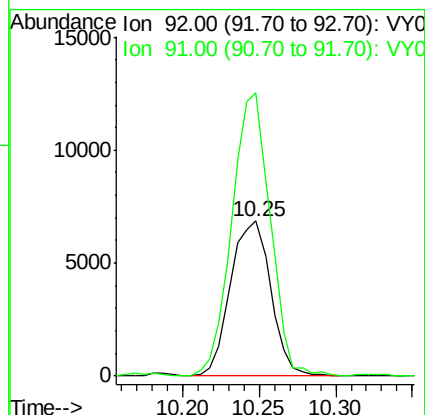
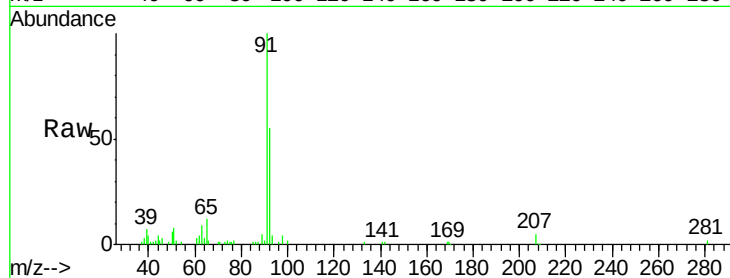
SP2-A

Tot Ion: 92 Resp: 12566

Ion Ratio Lower Upper

92 100

91 173.8 139.6 209.4



#62

4-Bromofluorobenzene

Concen: 49.424 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003022.D

Acq: 29 Jun 2020 21:29

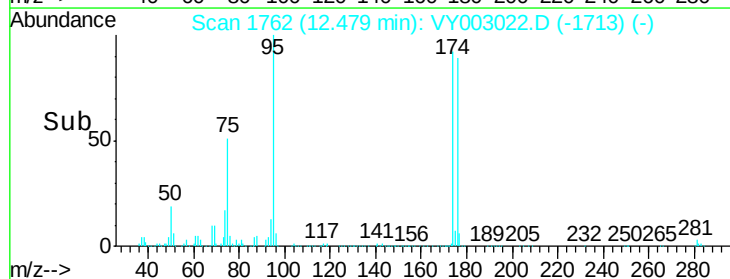
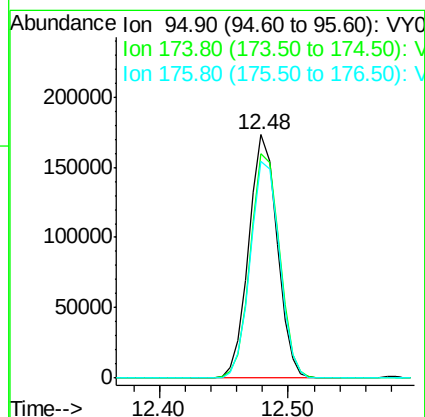
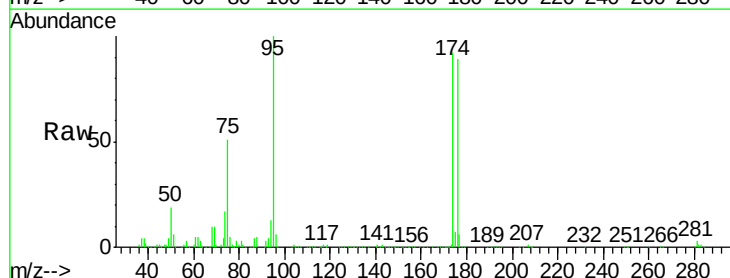
Tgt Ion: 95 Resp: 263346

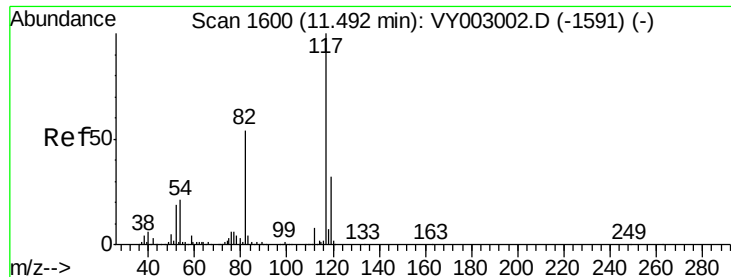
Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.8

176 91.0 0.0 183.0

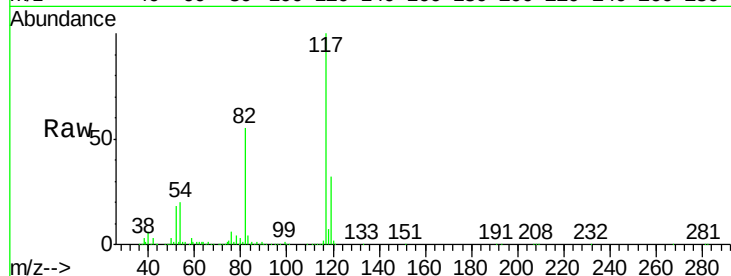




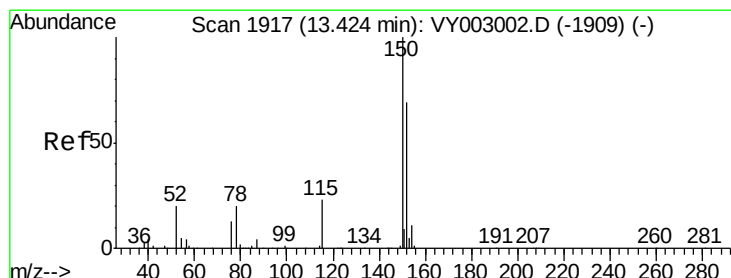
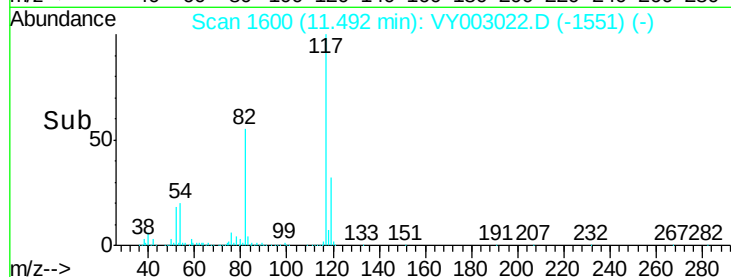
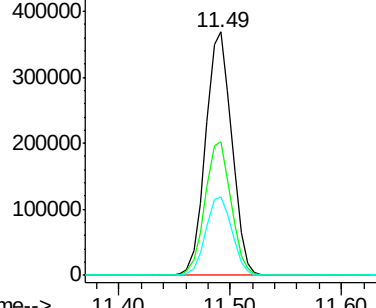
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003022.D
Acq: 29 Jun 2020 21:29

Instrument :
MSVOA_Y
ClientSampleId :
SP2-A

Tot Ion:117 Resp: 600423
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.6
119 32.3 25.8 38.8

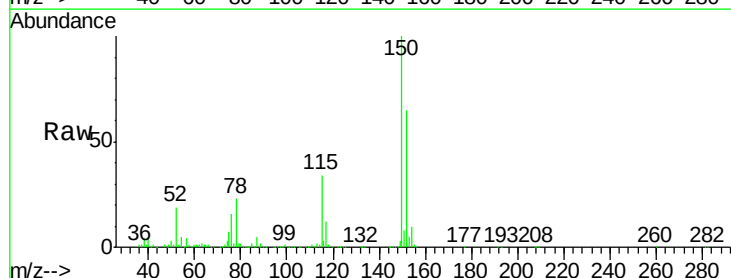


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

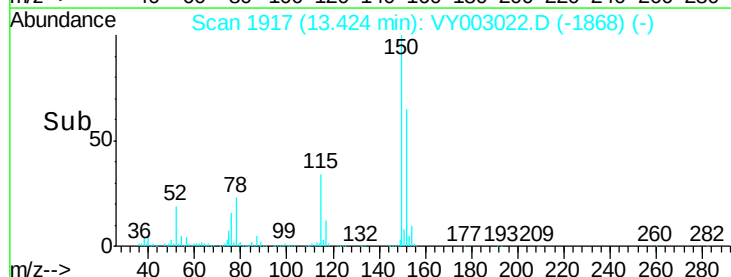
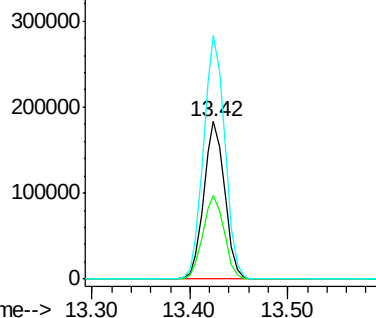


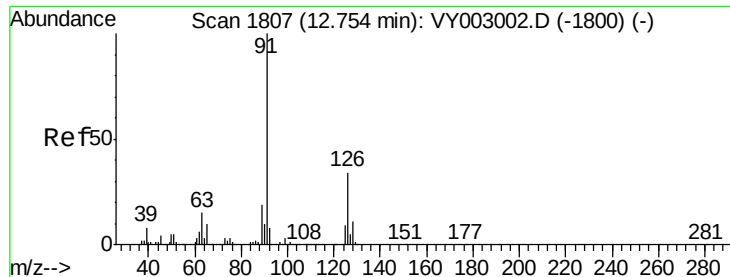
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003022.D
Acq: 29 Jun 2020 21:29

Tgt Ion:152 Resp: 269524
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 158.2 0.0 343.4



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





#79

2-Chlorotoluene

Concen: 32.704 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003022.D

Acq: 29 Jun 2020 21:29

Instrument :

MSVOA_Y

ClientSampled :

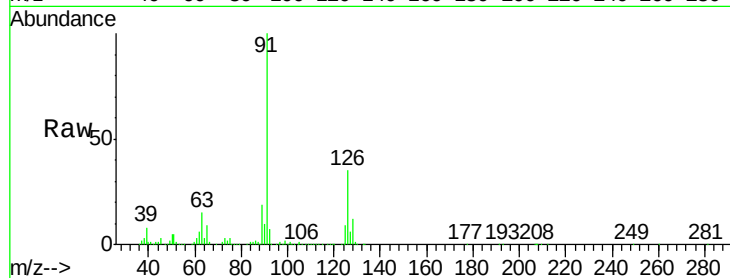
SP2-A

Tot Ion: 91 Resp: 387253

Ion Ratio Lower Upper

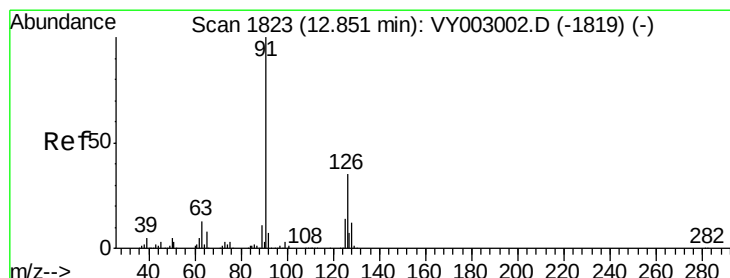
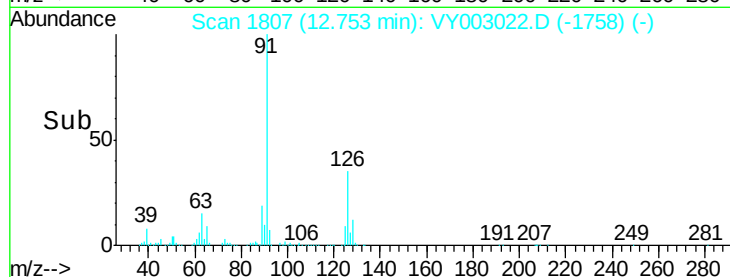
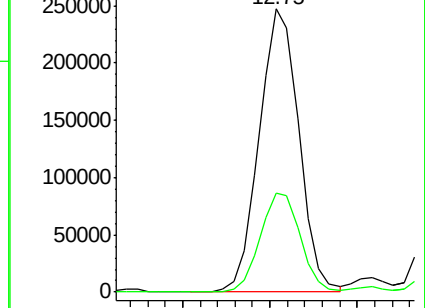
91 100

126 35.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#82

4-Chlorotoluene

Concen: 30.524 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003022.D

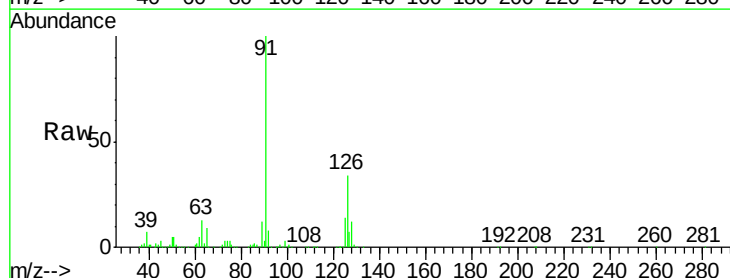
Acq: 29 Jun 2020 21:29

Tgt Ion: 91 Resp: 376314

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

