

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001365.D
 Acq On : 23 Jan 2020 19:23
 Operator : SY/MD
 Sample : L1246-02
 Misc : 7.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Jan 24 08:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	162631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	298213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121779	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	88383	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.75	113	85753	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.20	98	348767	51.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.50	95	126382	46.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	93.34%	

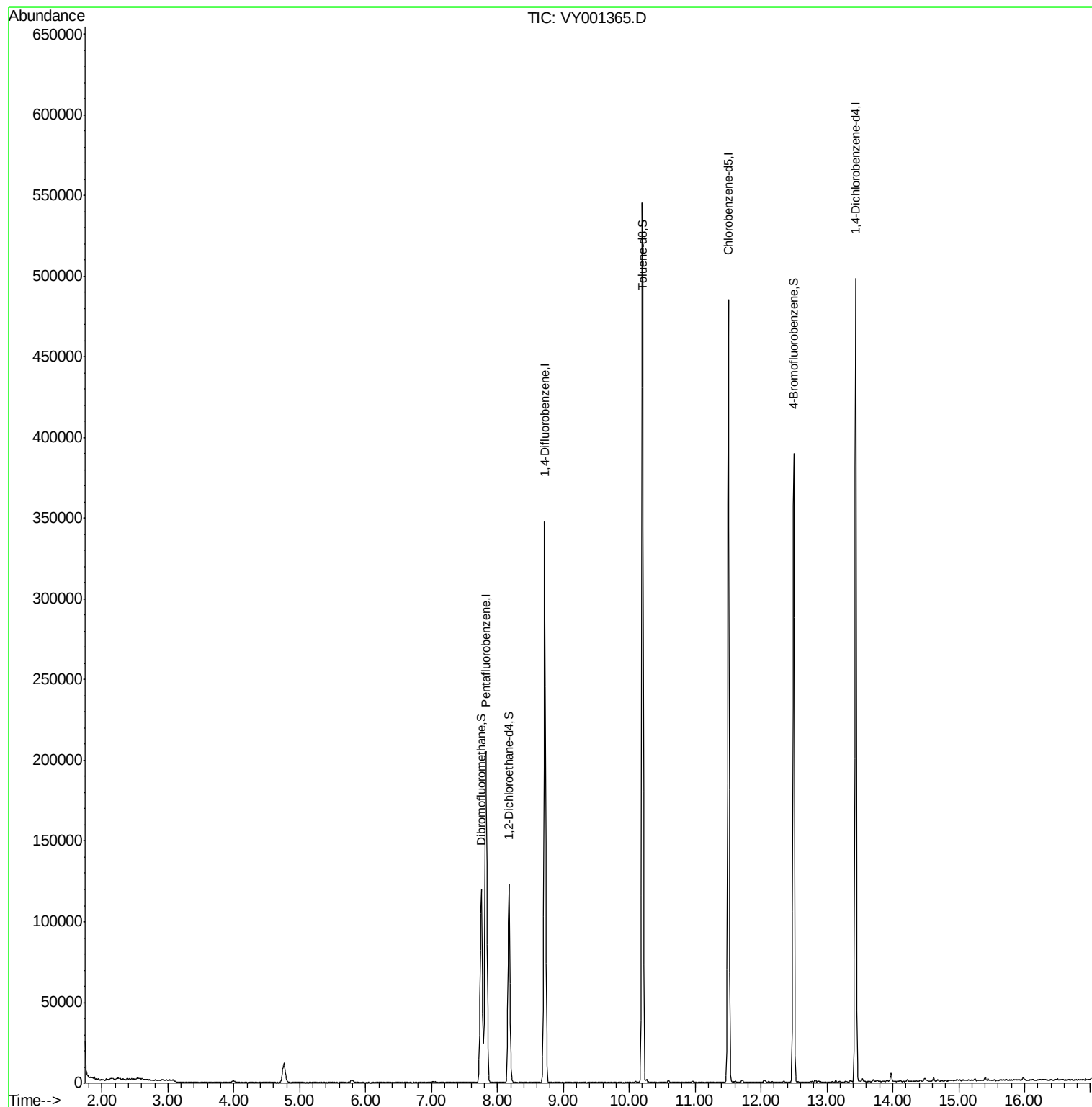
Target Compounds	Qvalue

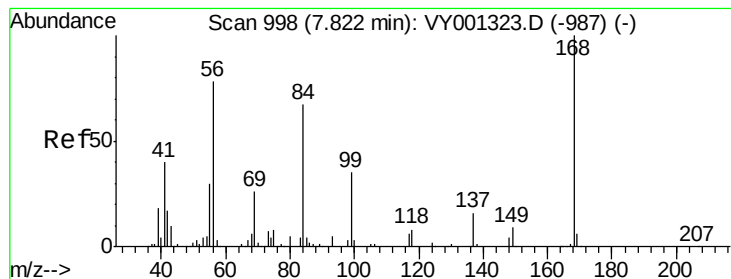
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001365.D

Acq: 23 Jan 2020 19:23

Instrument :

MSVOA_Y

ClientSampled :

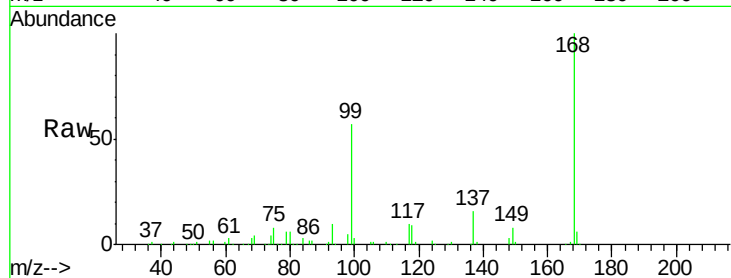
SP-1

Tot Ion:168 Resp: 162631

Ion Ratio Lower Upper

168 100

99 57.1 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001365.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001365.D (-949) (-)

7.83

80000

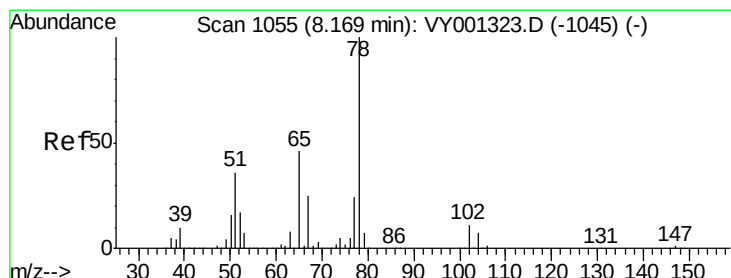
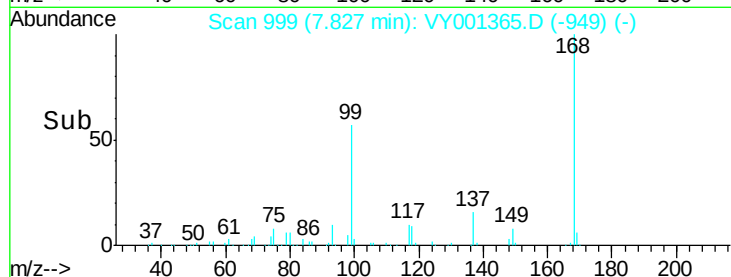
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 49.944 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001365.D

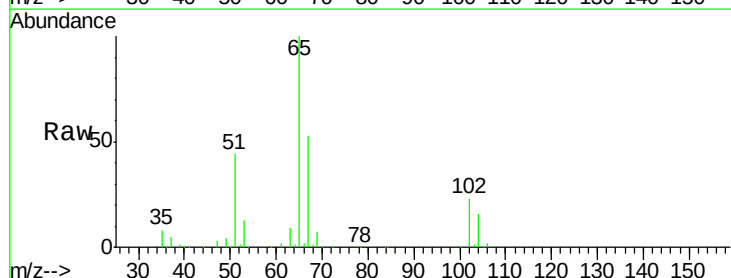
Acq: 23 Jan 2020 19:23

Tgt Ion: 65 Resp: 88383

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001365.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001365.D (-1006) (-)

8.17

40000

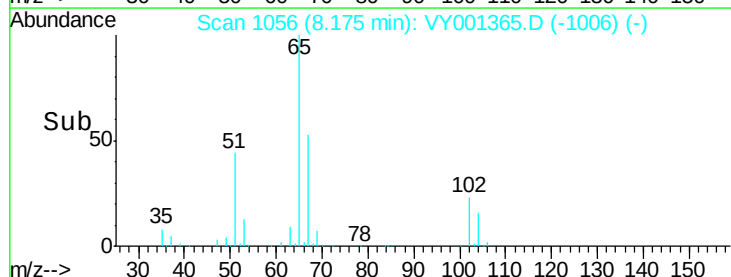
30000

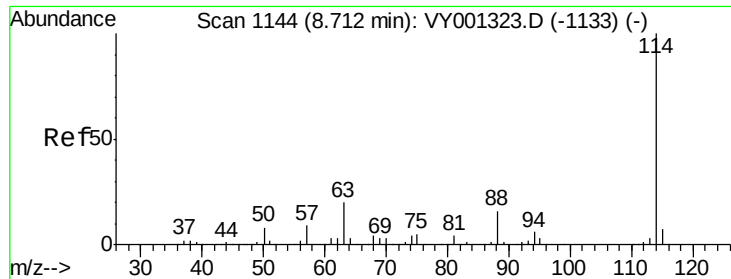
20000

10000

0

Time--> 8.10 8.20 8.30

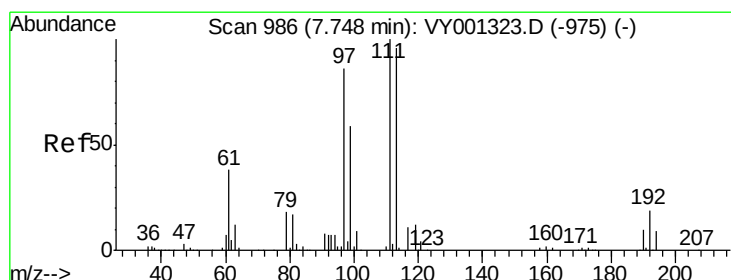
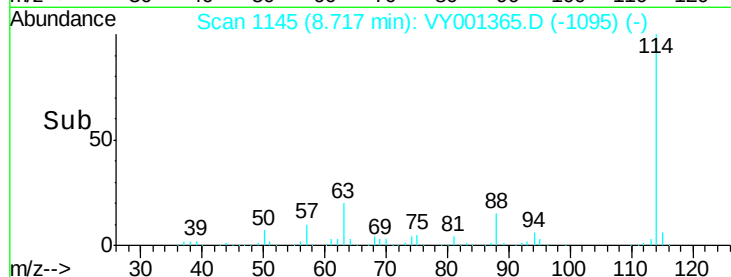
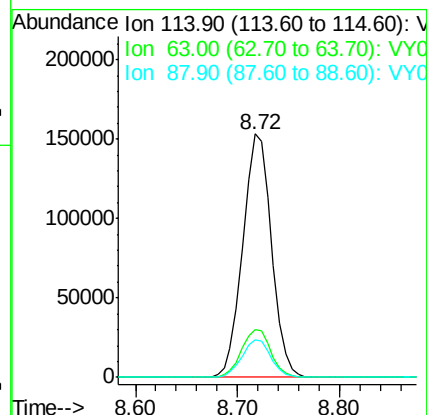
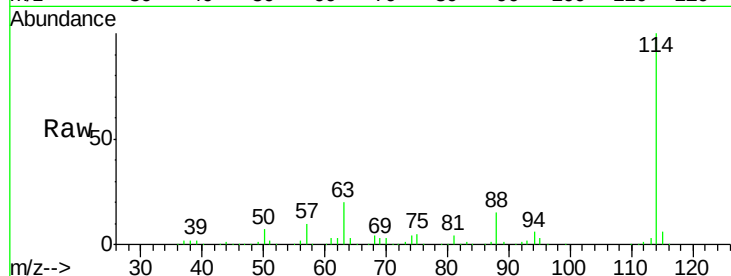




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001365.D
 Acq: 23 Jan 2020 19:23

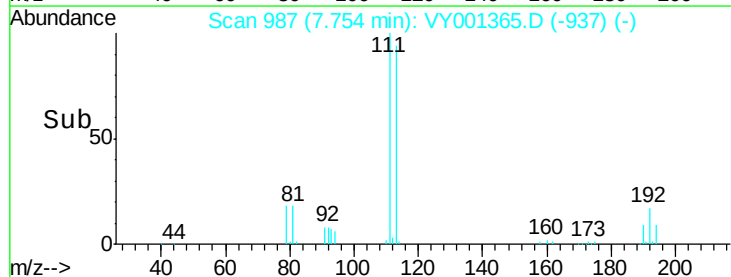
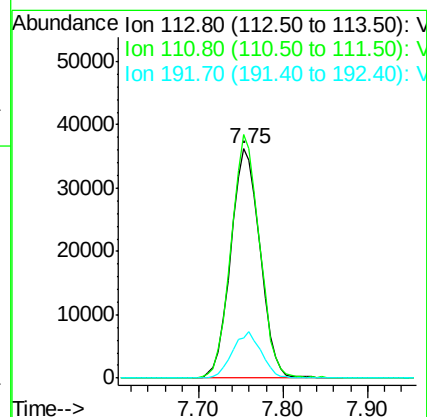
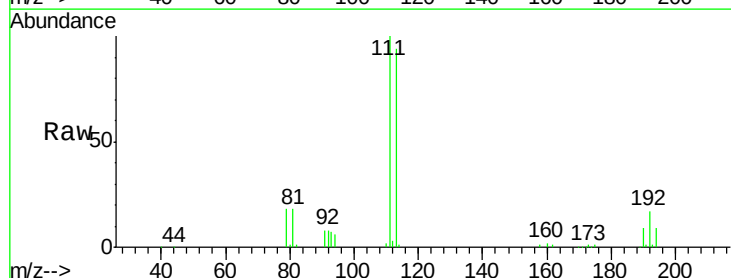
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

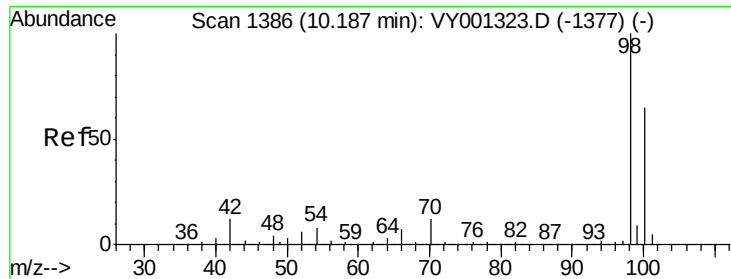
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	15.3	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 48.995 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001365.D
 Acq: 23 Jan 2020 19:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	19.8	15.5	23.3





#50

Toluene-d8

Concen: 51.289 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001365.D

Acq: 23 Jan 2020 19:23

Instrument :

MSVOA_Y

ClientSampled :

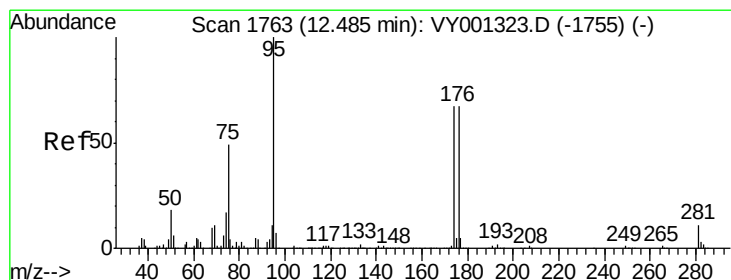
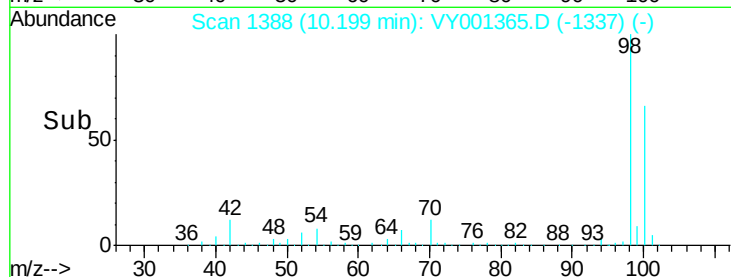
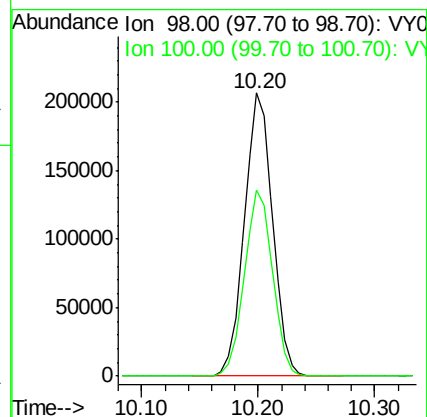
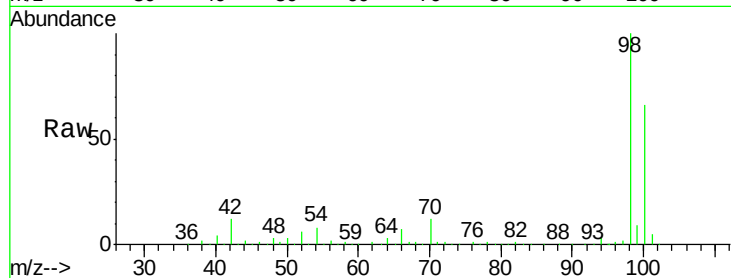
SP-1

Tot Ion: 98 Resp: 348767

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 46.670 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001365.D

Acq: 23 Jan 2020 19:23

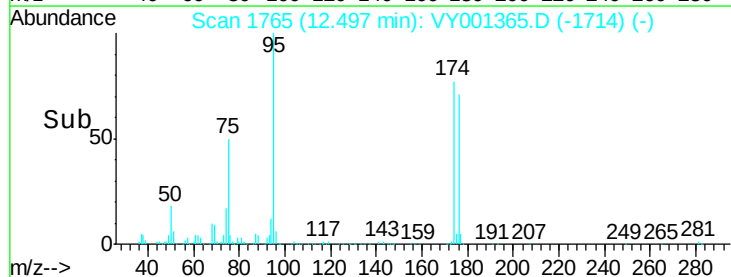
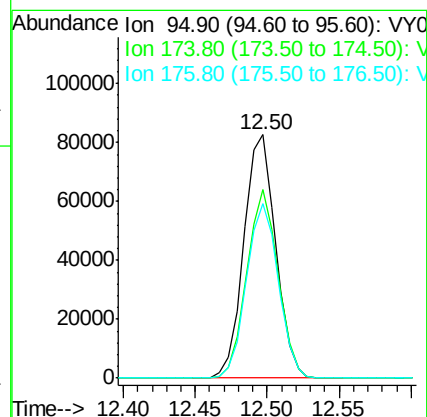
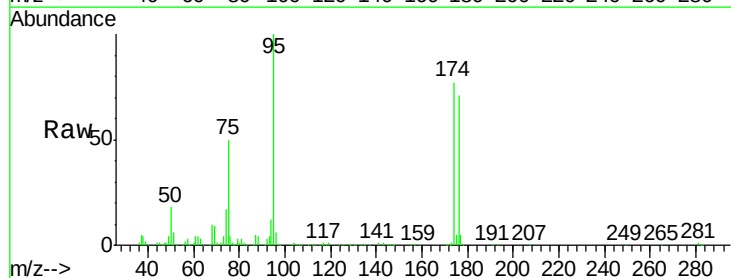
Tgt Ion: 95 Resp: 126382

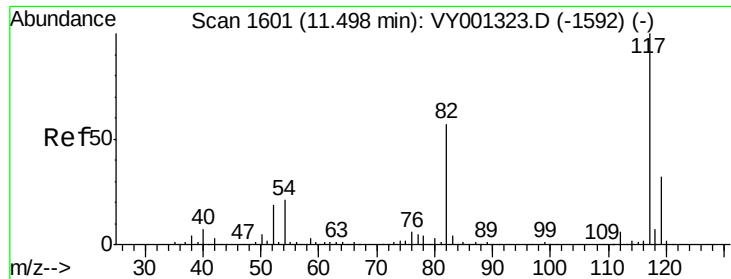
Ion Ratio Lower Upper

95 100

174 75.9 0.0 142.0

176 71.7 0.0 138.6

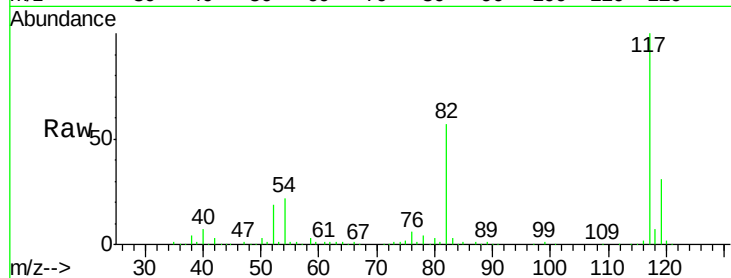




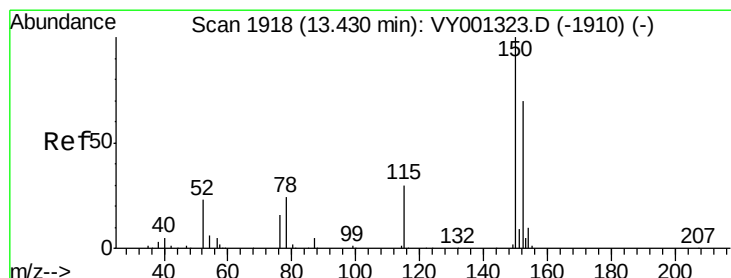
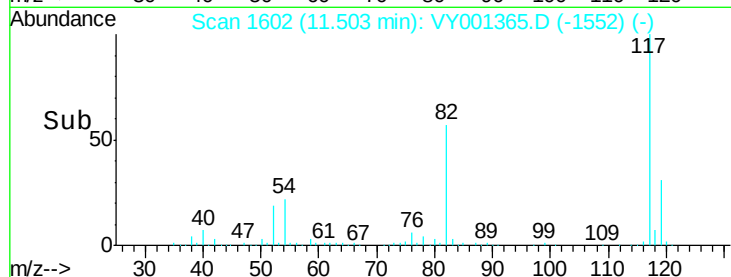
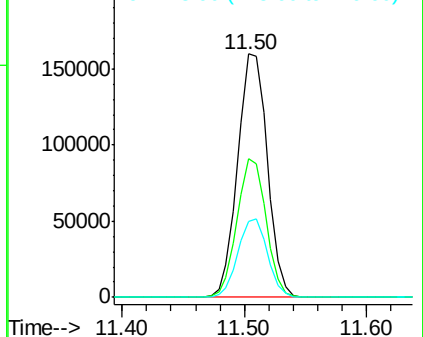
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001365.D
Acq: 23 Jan 2020 19:23

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tot Ion:117 Resp: 268380
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 31.4 25.8 38.6

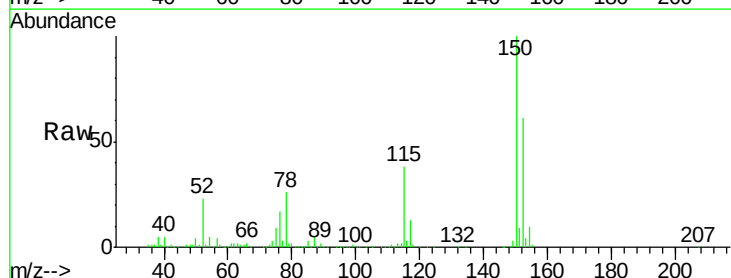


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001365.D
Acq: 23 Jan 2020 19:23

Tgt Ion:152 Resp: 121779
Ion Ratio Lower Upper
152 100
115 61.3 30.9 92.8
150 159.2 0.0 349.2



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

