

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001879.D
 Acq On : 05 Mar 2020 14:13
 Operator : SY/MD
 Sample : L1778-20
 Misc : 7.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S11

Quant Time: Mar 06 05:29:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	143671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	272241	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	245736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	103595	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87535	57.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.14%	
35) Dibromofluoromethane	7.74	113	80228	53.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	10.19	98	331943	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.49	95	110330	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

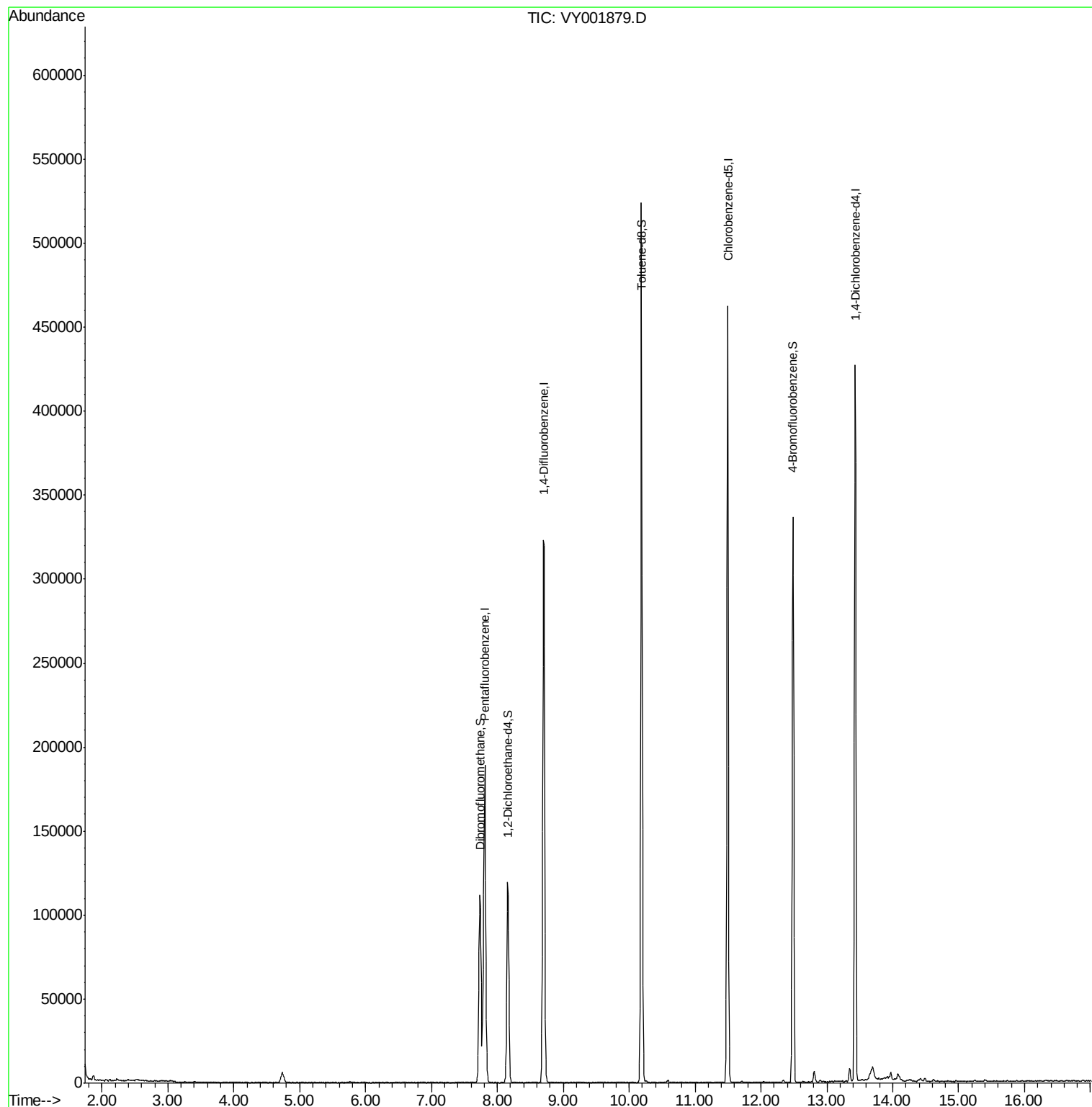
Target Compounds	Qvalue
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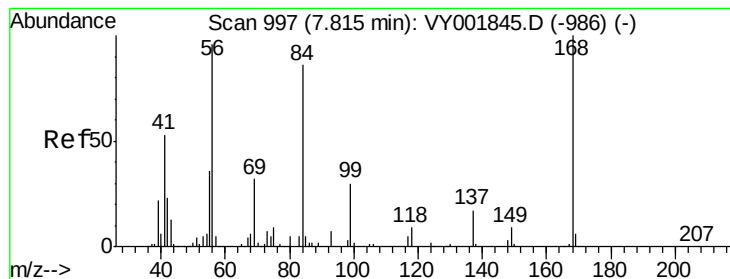
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001879.D

Acq: 05 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampled :

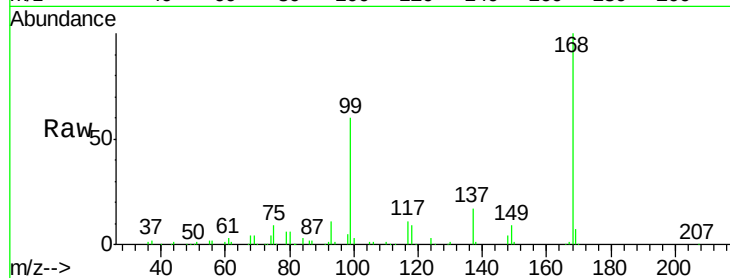
S11

Tot Ion:168 Resp: 143671

Ion Ratio Lower Upper

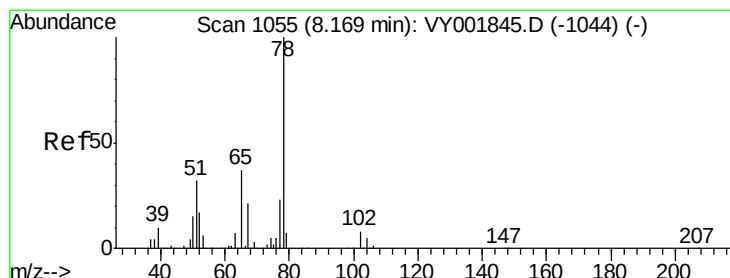
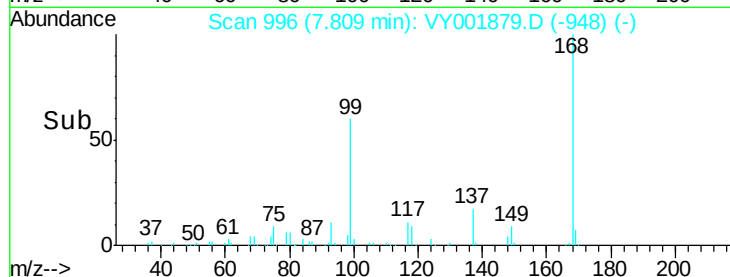
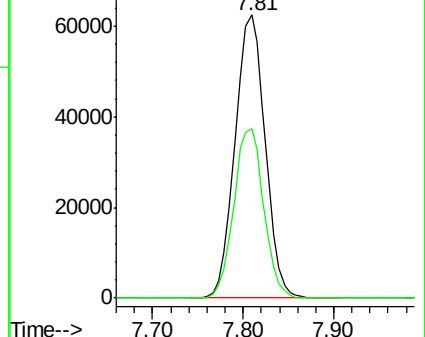
168 100

99 59.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.071 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001879.D

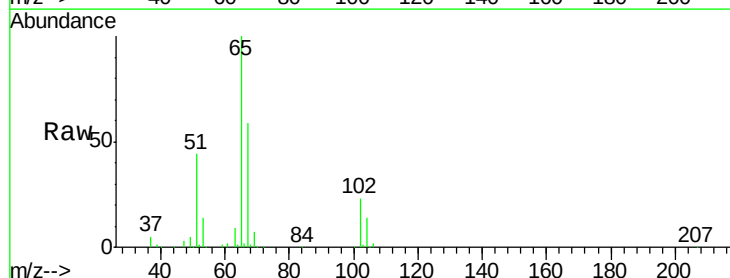
Acq: 05 Mar 2020 14:13

Tgt Ion: 65 Resp: 87535

Ion Ratio Lower Upper

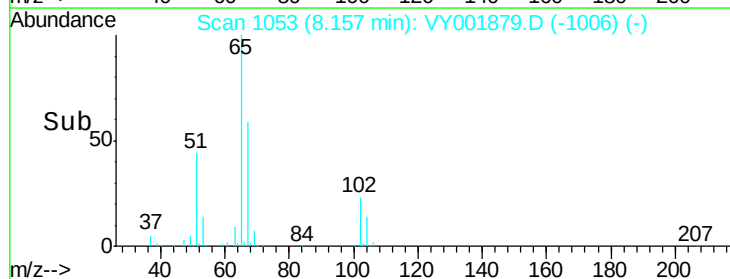
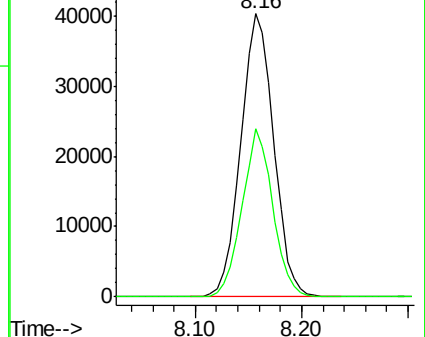
65 100

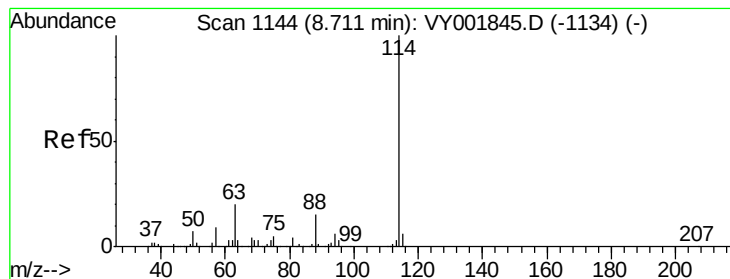
67 55.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001879.D

Acq: 05 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

S11

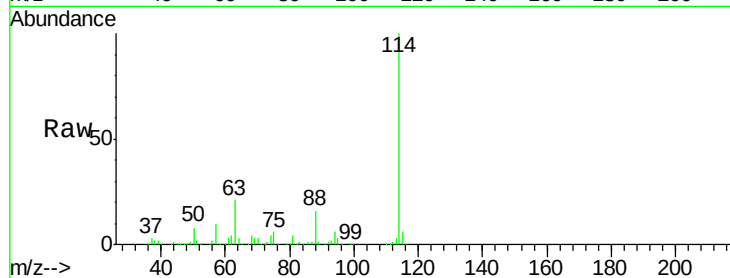
Tot Ion:114 Resp: 272241

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.4

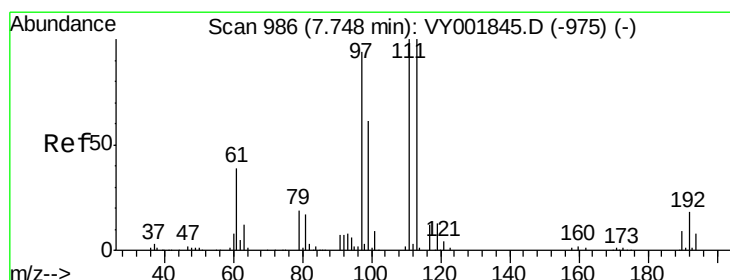
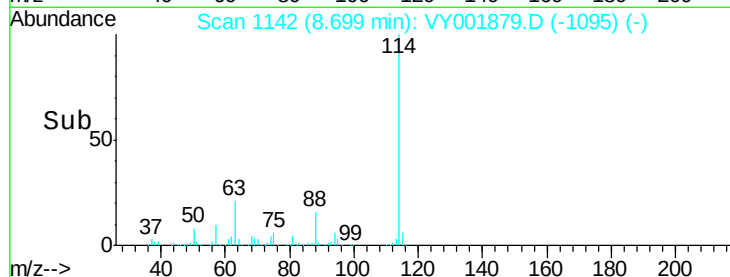
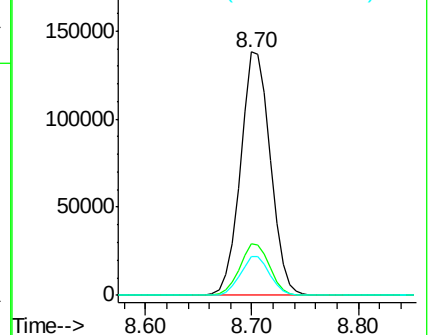
88 16.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.969 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001879.D

Acq: 05 Mar 2020 14:13

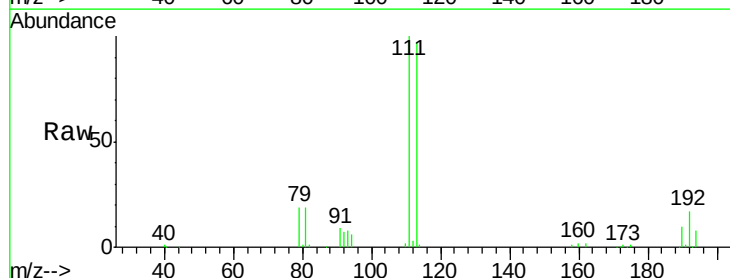
Tgt Ion:113 Resp: 80228

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

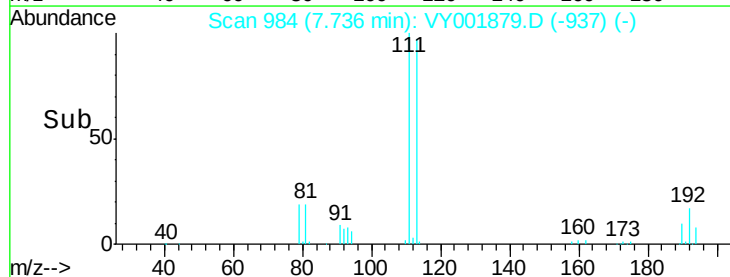
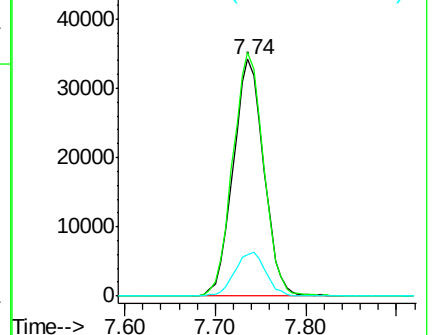
192 18.5 14.2 21.2

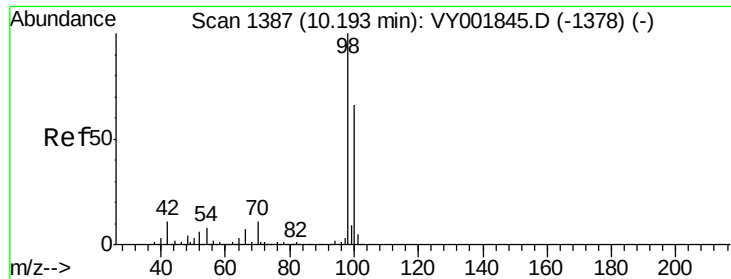


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

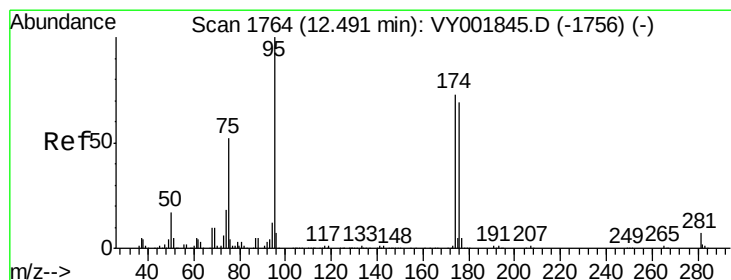
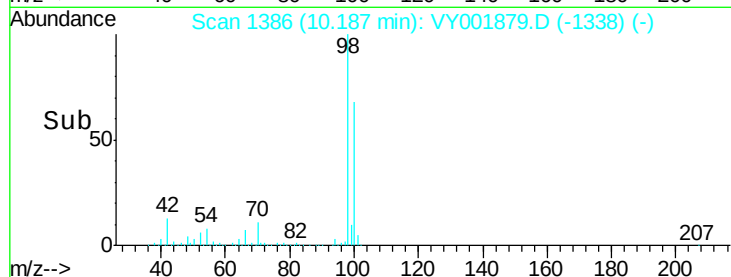
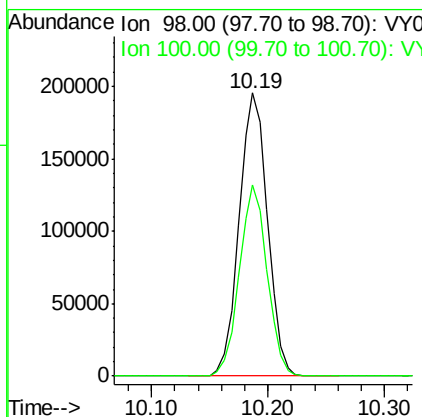
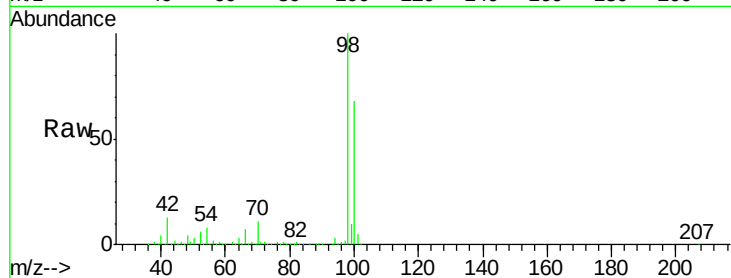




#50
Toluene-d8
Concen: 52.954 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001879.D
Acq: 05 Mar 2020 14:13

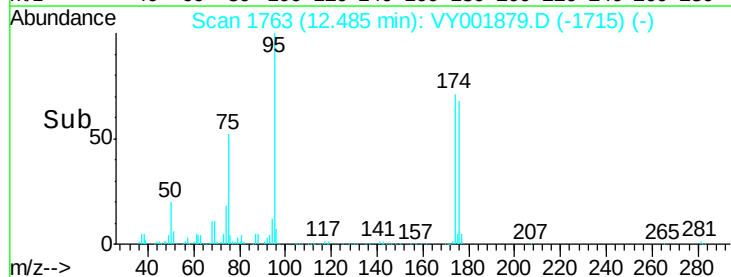
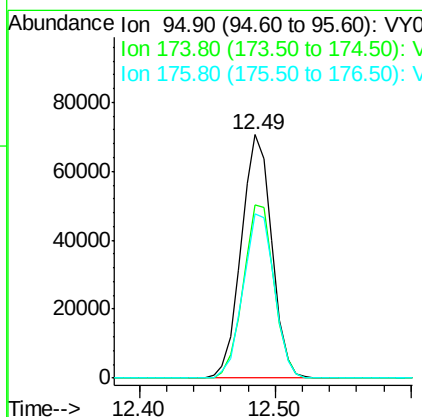
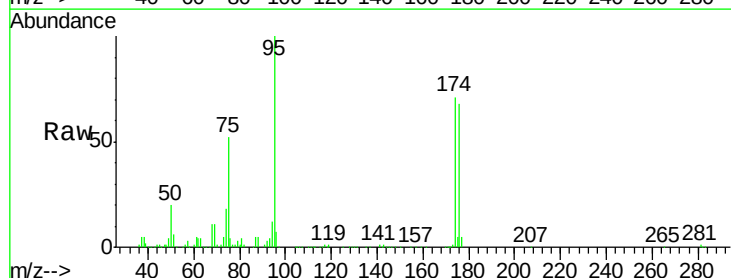
Instrument :
MSVOA_Y
ClientSampleId :
S11

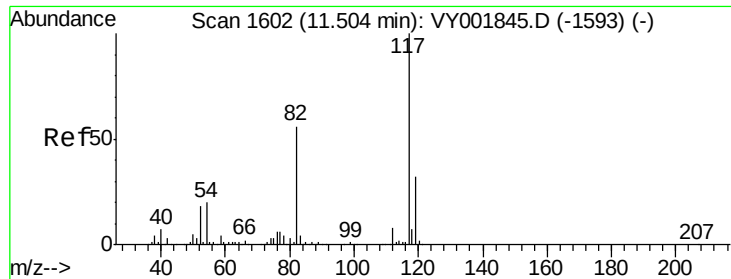
Tot Ion: 98 Resp: 331943
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.618 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001879.D
Acq: 05 Mar 2020 14:13

Tgt Ion: 95 Resp: 110330
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.0
176 69.4 0.0 137.4

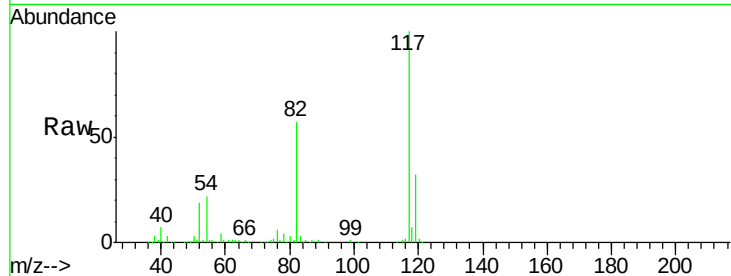




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001879.D
Acq: 05 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
S11

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.5	66.7
119	32.5	25.7	38.5

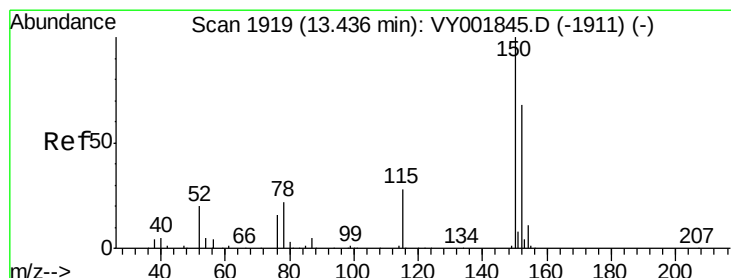
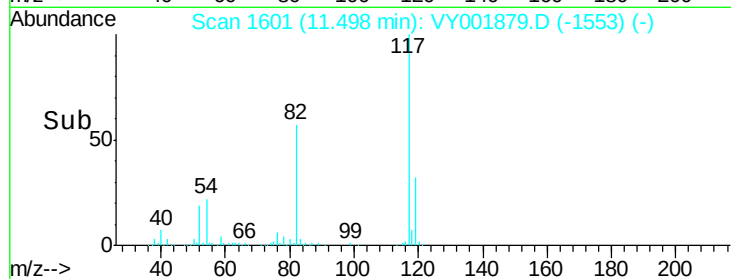
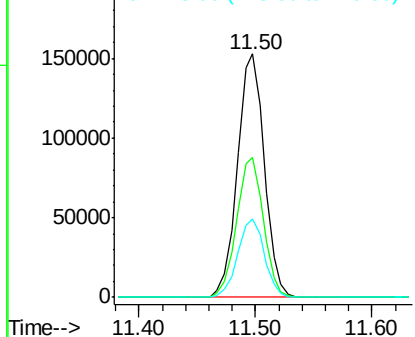


Abundance

Ion 116.90 (116.60 to 117.60): V

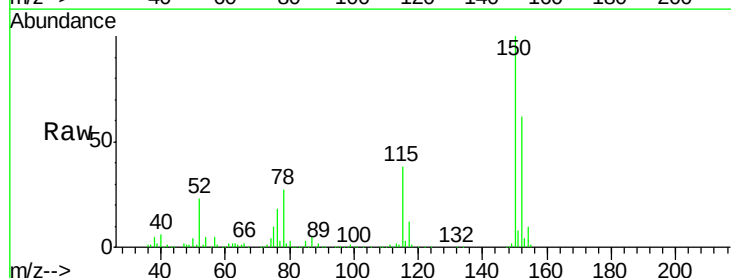
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001879.D
Acq: 05 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.9	89.7
150	158.1	0.0	340.6



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

