

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002042.D
 Acq On : 24 Mar 2020 11:49
 Operator : SY/MD
 Sample : VY0324SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBL01

Quant Time: Apr 06 12:38:57 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	7.80	168	145858	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	287058	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	263767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115909	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	91332	58.65	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.30%	
35) Dibromofluoromethane	7.73	113	85399	54.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	10.19	98	347051	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.49	95	119808	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

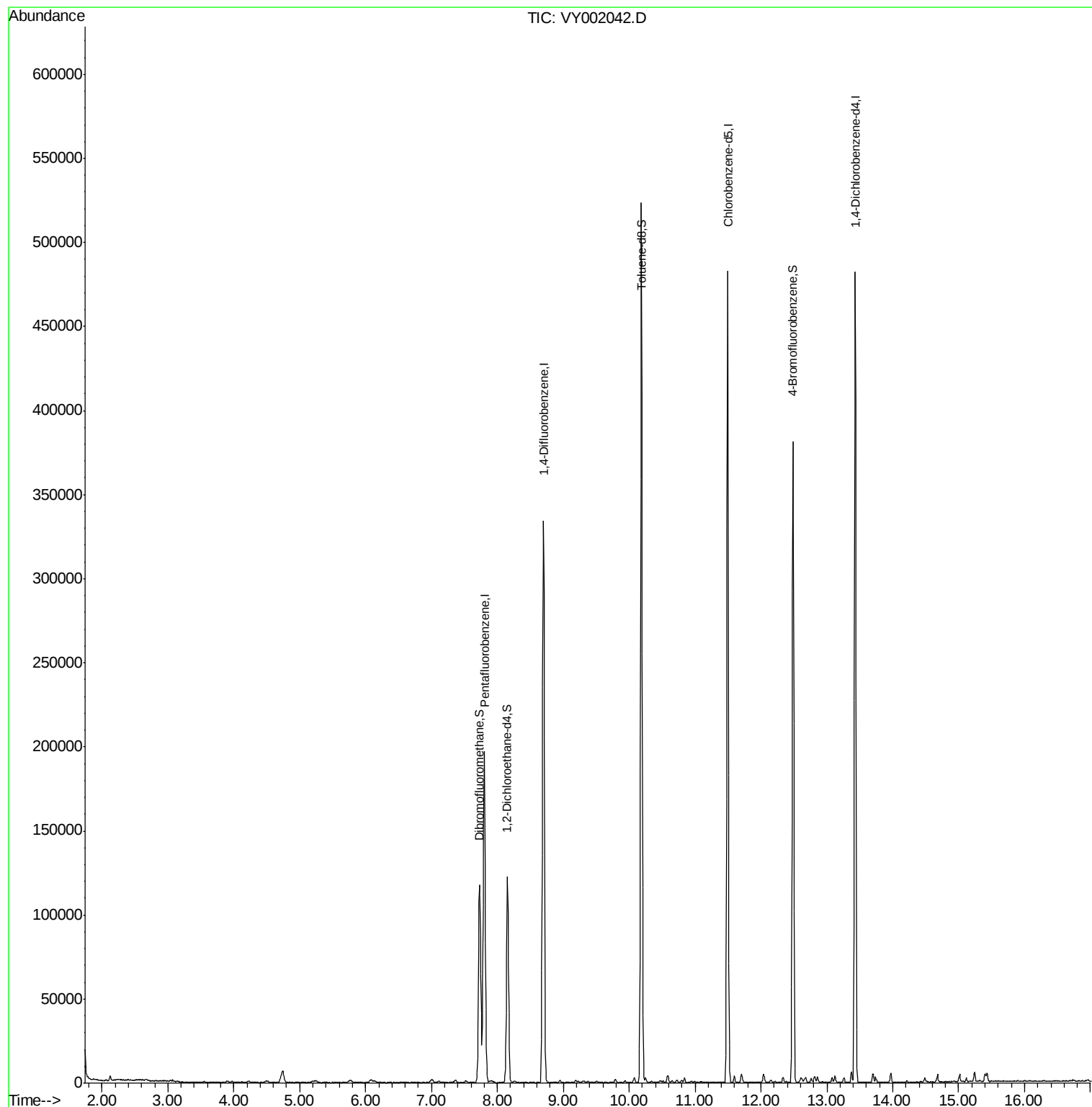
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002042.D

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Instrument :

MSVOA_Y

ClientSampleId :

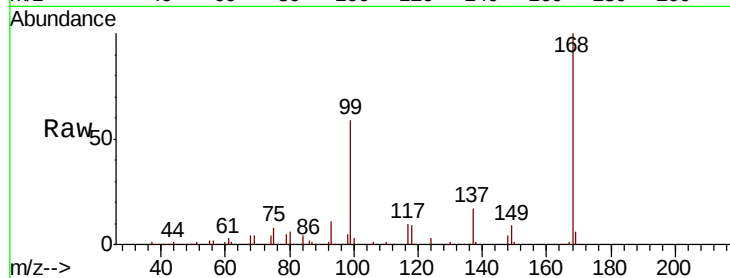
VY0324SBL01

Tot Ion:168 Resp: 145858

Ion Ratio Lower Upper

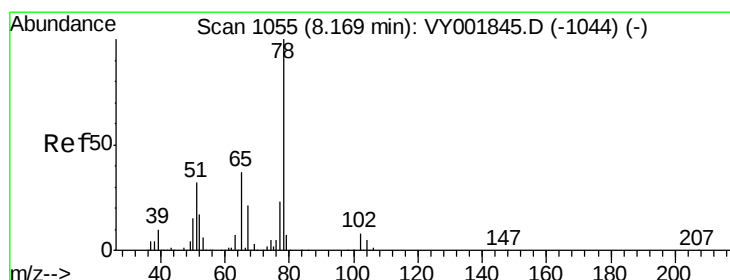
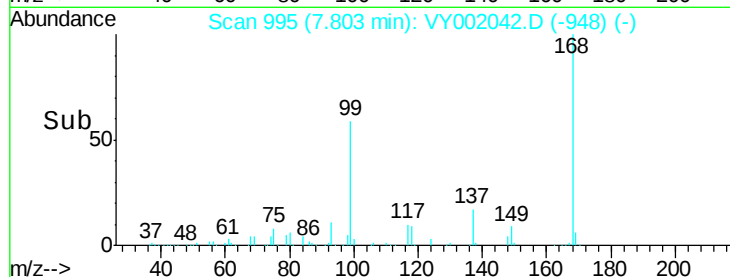
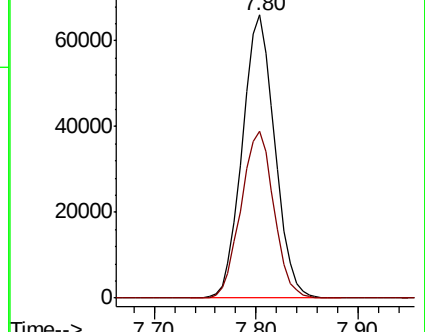
168 100

99 59.0 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: 58.654 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY002042.D

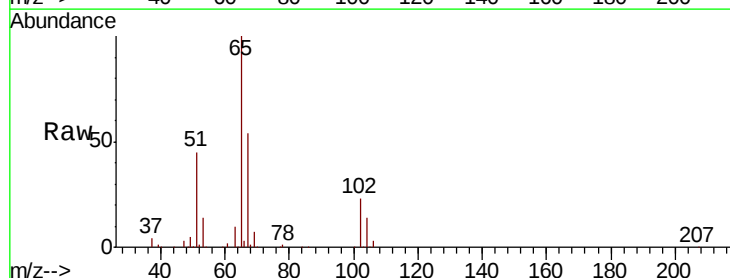
Acq: 24 Mar 2020 11:49

Tgt Ion: 65 Resp: 91332

Ion Ratio Lower Upper

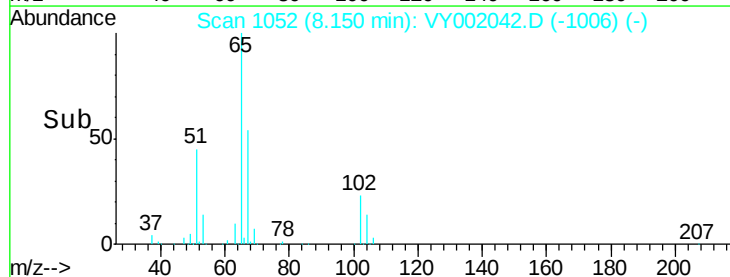
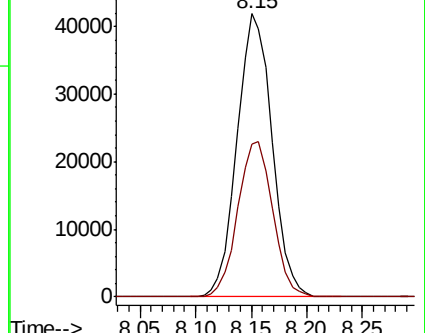
65 100

67 54.9 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: VY002042.D

Acq: 24 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBL01

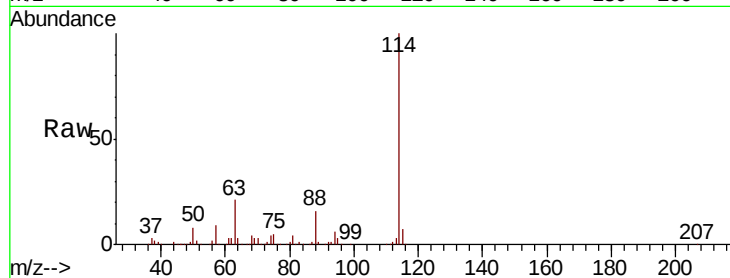
Tot Ion:114 Resp: 287058

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

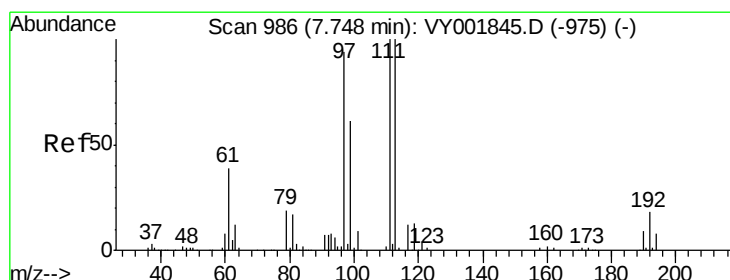
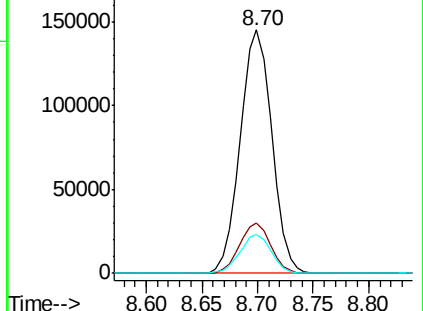
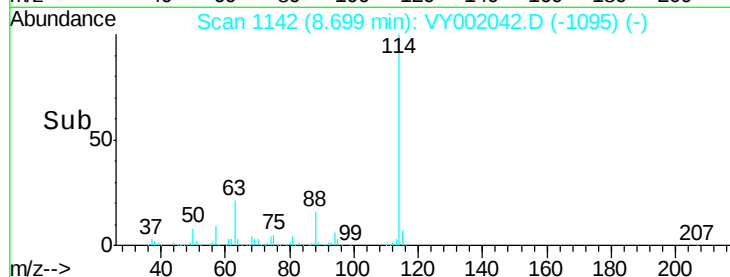
88 15.7 0.0 30.4



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: 54.482 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002042.D

Acq: 24 Mar 2020 11:49

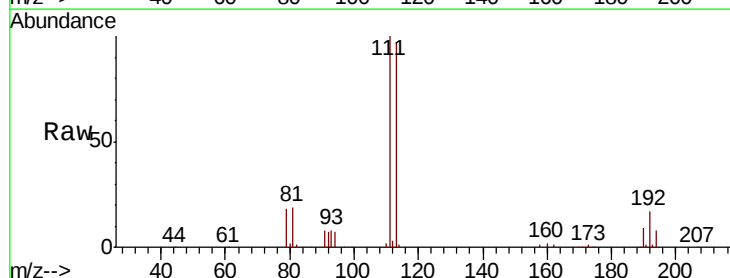
Tgt Ion:113 Resp: 85399

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

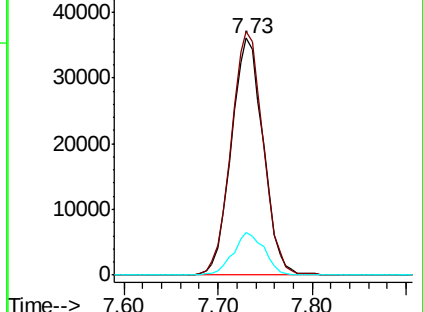
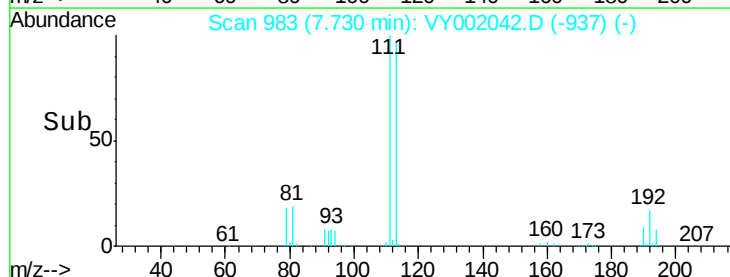
192 17.5 14.2 21.2

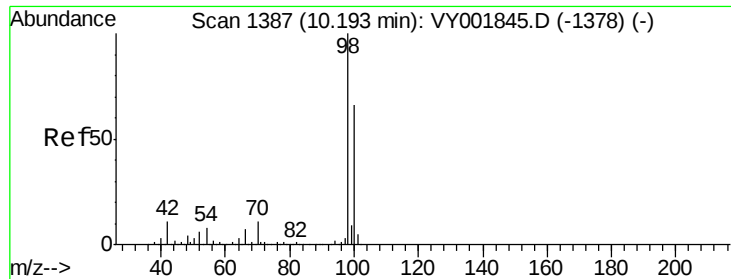


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

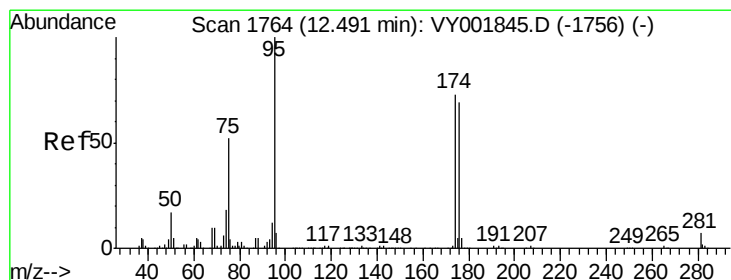
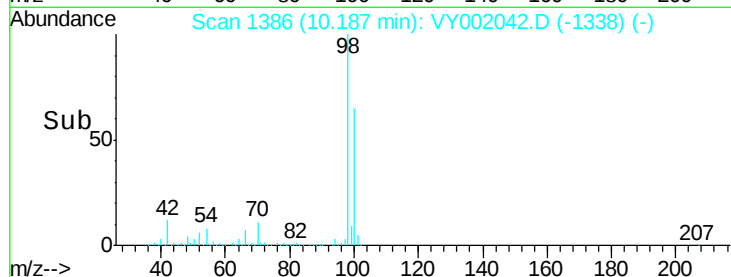
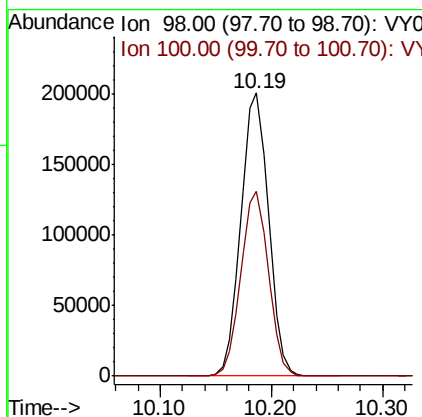
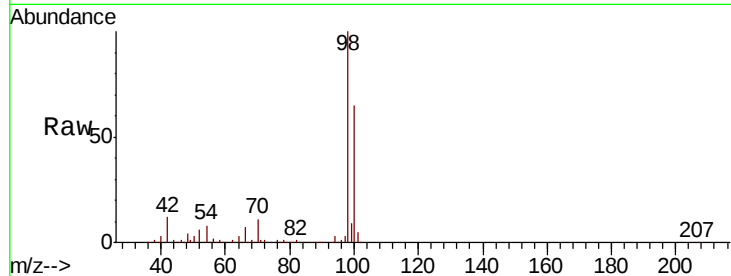




#50
Toluene-d8
Concen: 52.506 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

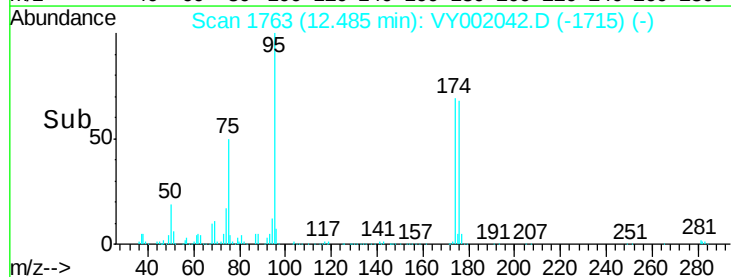
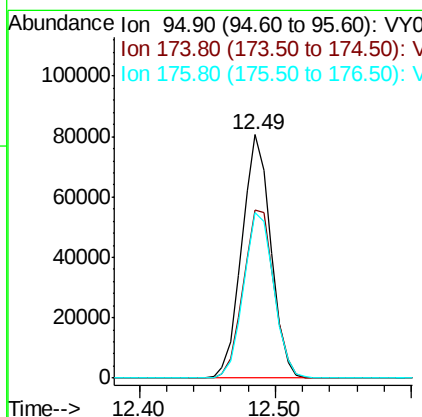
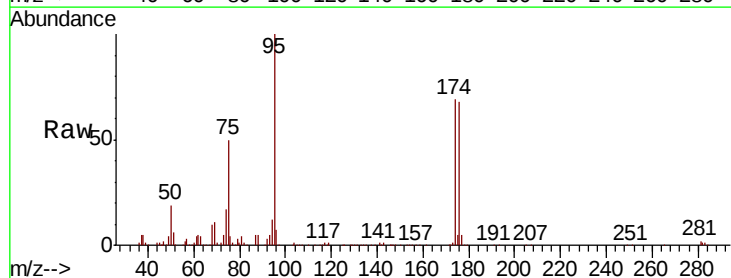
Instrument :
MSVOA_Y
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VY0324SBL01

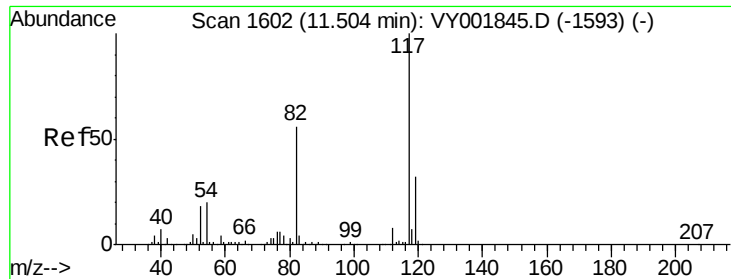
Tot Ion: 98 Resp: 347051
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.129 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 95 Resp: 119808
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 71.0 0.0 137.4

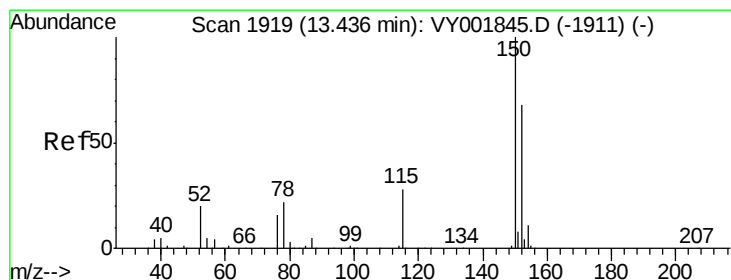
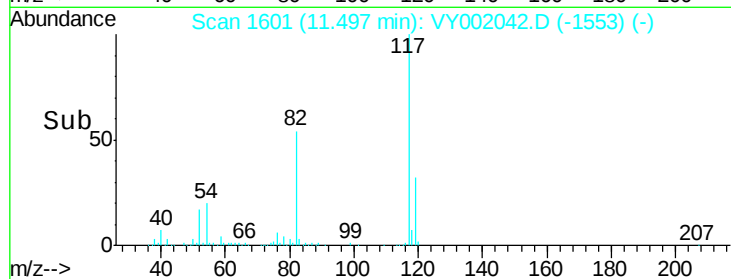
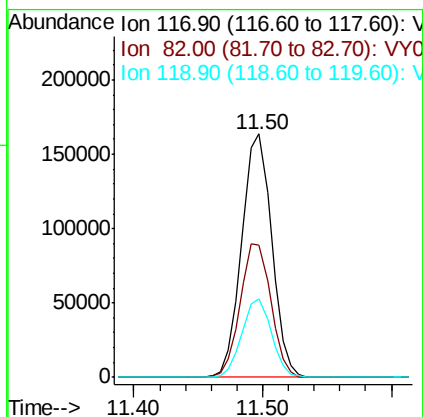
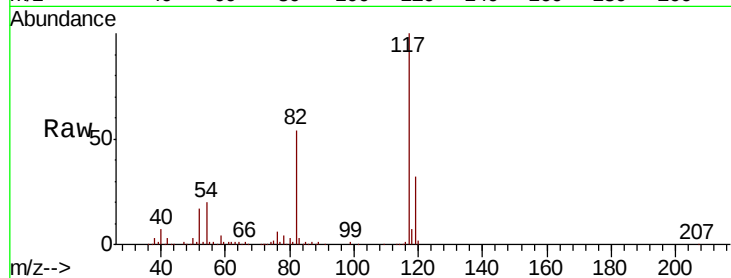




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tot Ion:117 Resp: 263767
Ion Ratio Lower Upper
117 100
82 54.5 44.5 66.7
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion:152 Resp: 115909
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.7
150 158.7 0.0 340.6

