

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000411.D
 Acq On : 24 Oct 2019 15:49
 Operator : SY/MD
 Sample : K5499-12
 Misc : 6.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 198-27-(1.8)

Quant Time: Oct 25 07:12:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	223537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	381513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	318855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130772	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	126894	53.82	ug/l	0.00
Spiked Amount						
			Recovery	=	107.64%	
35) Dibromofluoromethane	7.73	113	109180	47.44	ug/l	0.00
Spiked Amount						
			Recovery	=	94.88%	
50) Toluene-d8	10.18	98	437388	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.48	95	134160	39.89	ug/l	0.00
Spiked Amount						
			Recovery	=	79.78%	

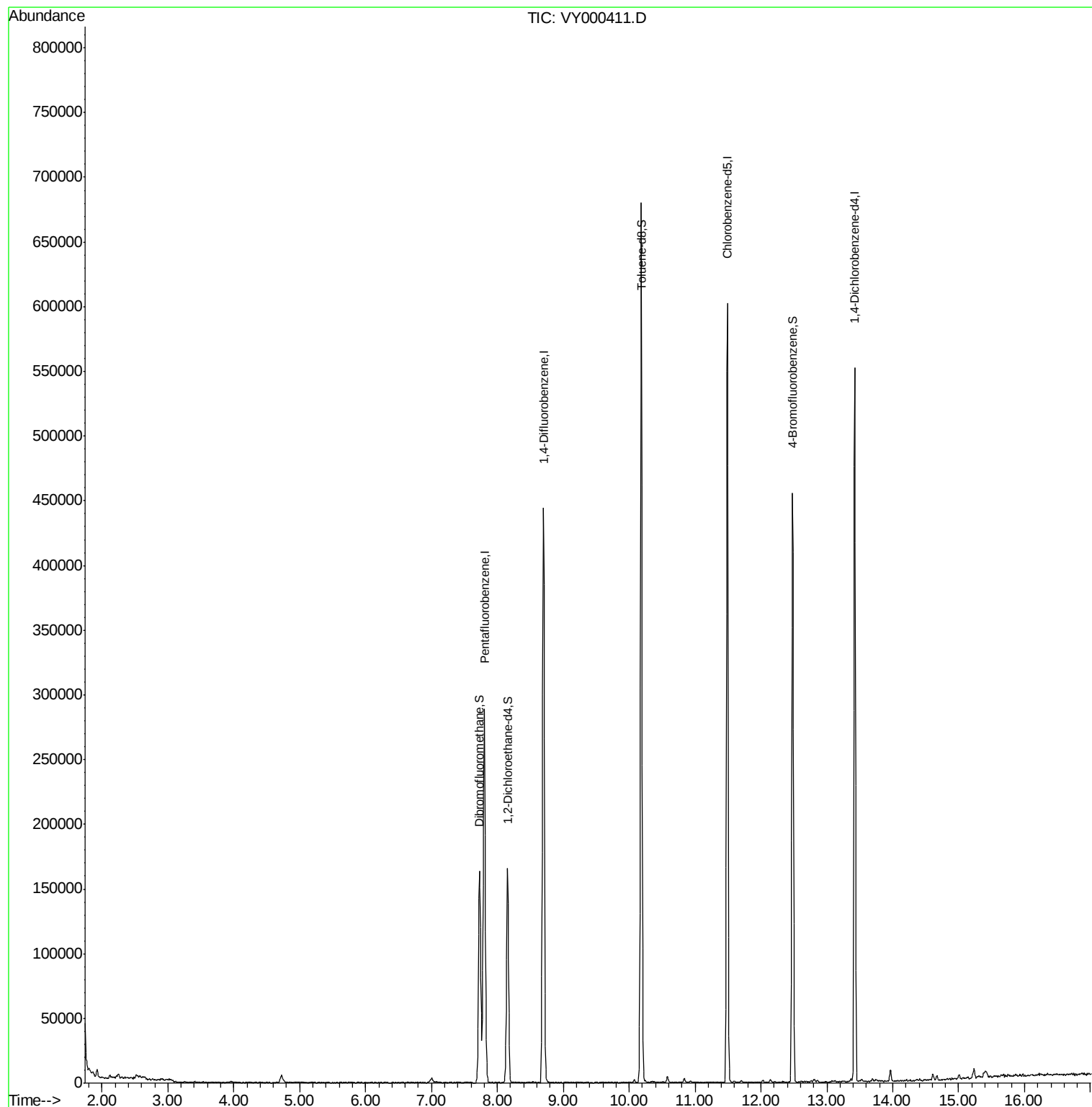
Target Compounds	Qvalue
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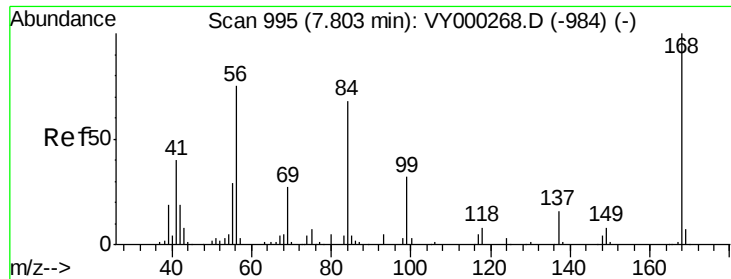
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000411.D

Acq: 24 Oct 2019 15:49

Instrument :

MSVOA_Y

ClientSampleId :

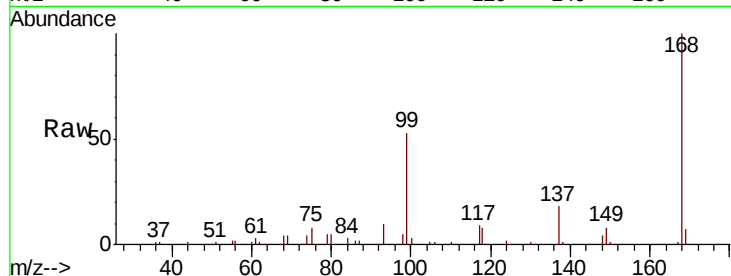
198-27-(1.8)

Tot Ion:168 Resp: 223537

Ion Ratio Lower Upper

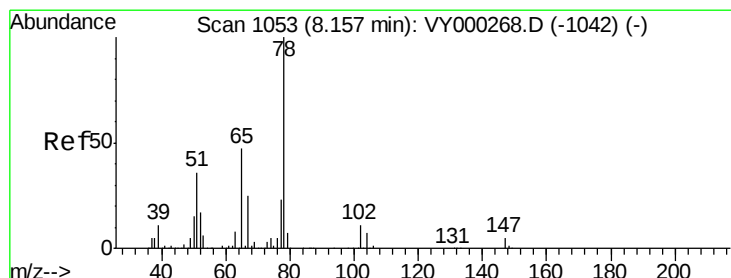
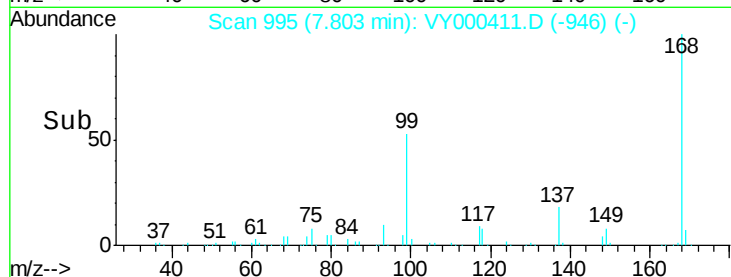
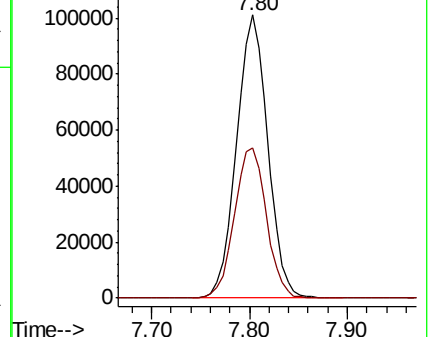
168 100

99 53.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000411.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000411.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.815 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000411.D

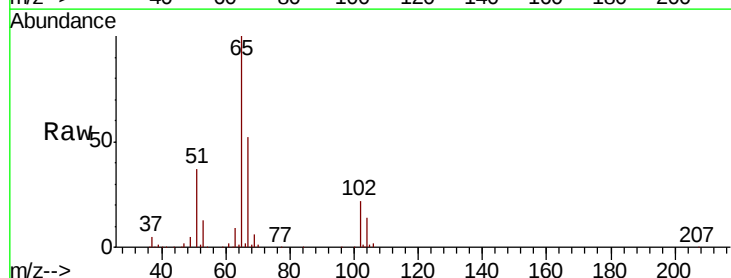
Acq: 24 Oct 2019 15:49

Tgt Ion: 65 Resp: 126894

Ion Ratio Lower Upper

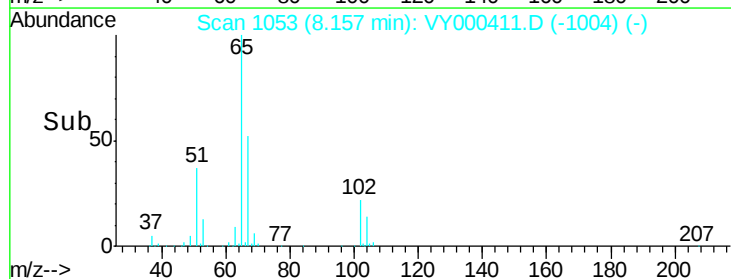
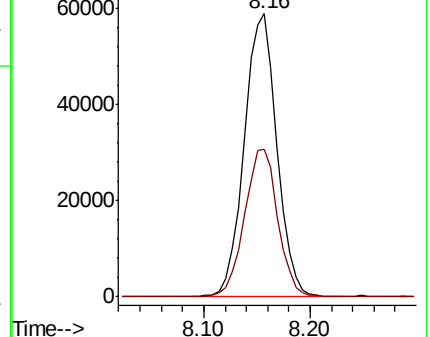
65 100

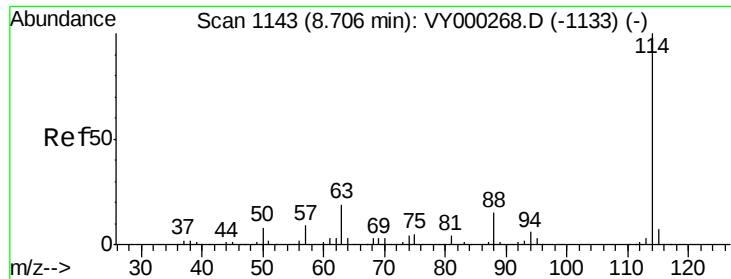
67 52.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000411.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000411.D (-1004) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000411.D

Acq: 24 Oct 2019 15:49

Instrument :

MSVOA_Y

ClientSampleId :

198-27-(1.8)

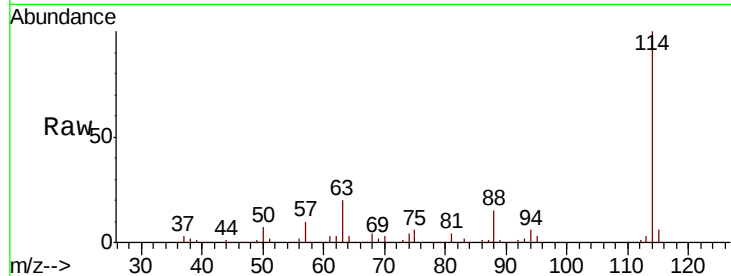
Tot Ion:114 Resp: 381513

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.2

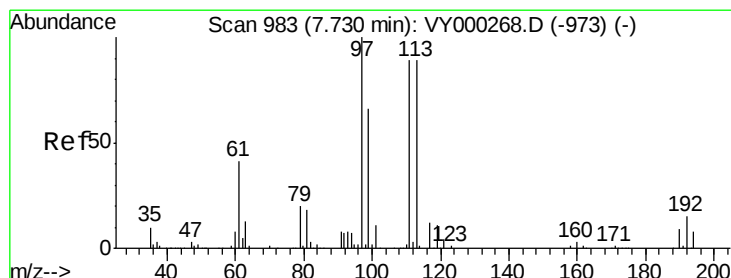
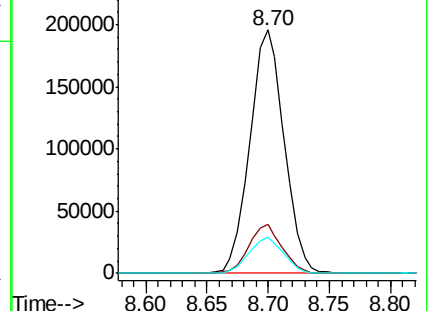
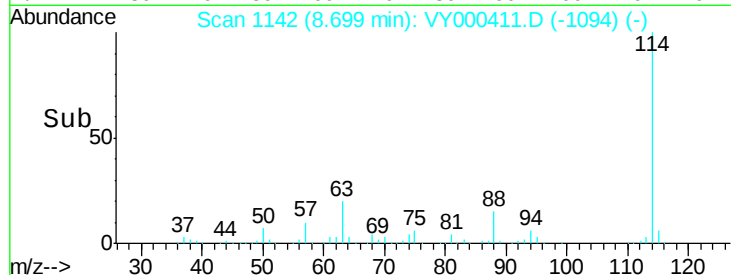
88 15.1 0.0 30.2



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: 47.442 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000411.D

Acq: 24 Oct 2019 15:49

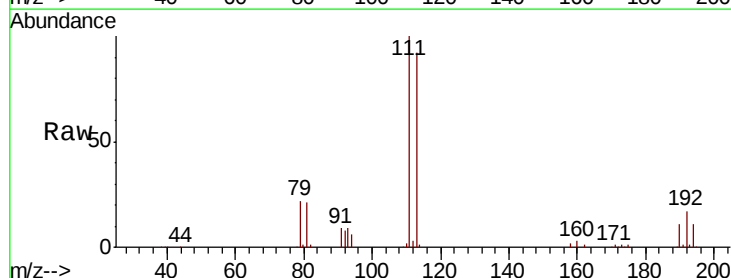
Tgt Ion:113 Resp: 109180

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

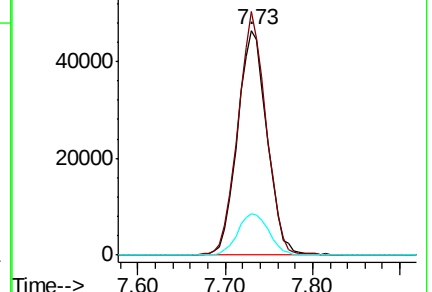
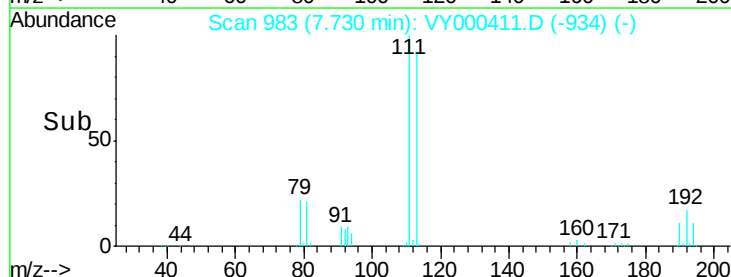
192 19.3 15.3 22.9

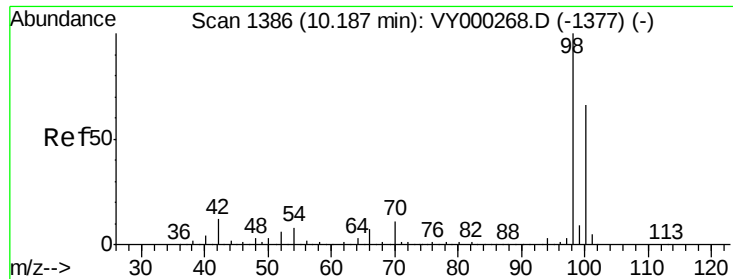


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.408 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000411.D

Acq: 24 Oct 2019 15:49

Instrument :

MSVOA_Y

ClientSampled :

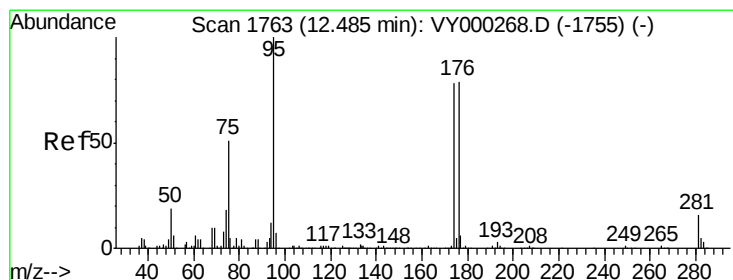
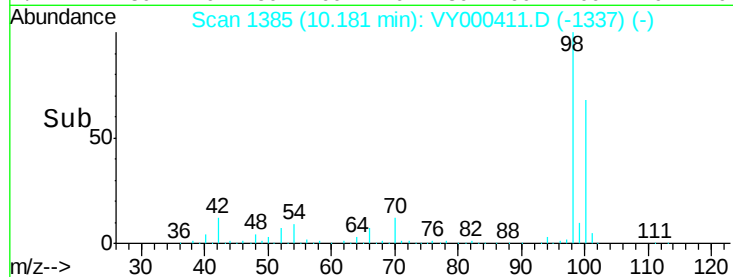
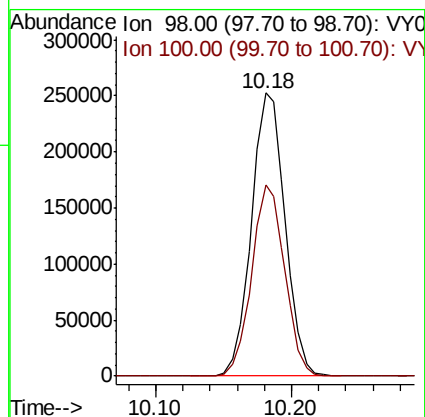
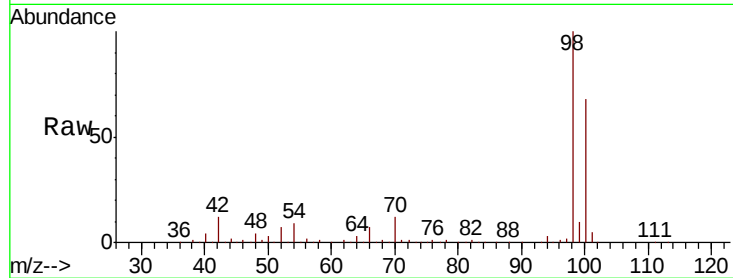
198-27-(1.8)

Tot Ion: 98 Resp: 437388

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 39.891 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000411.D

Acq: 24 Oct 2019 15:49

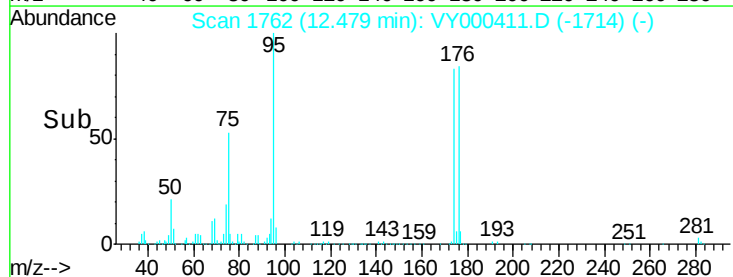
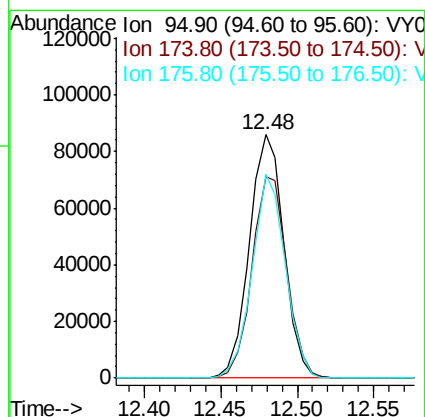
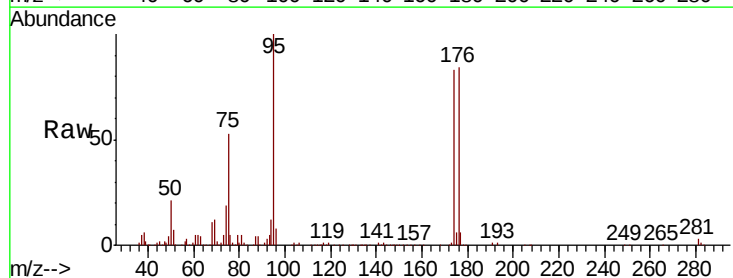
Tgt Ion: 95 Resp: 134160

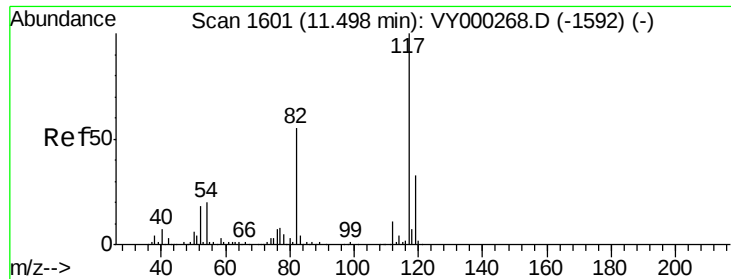
Ion Ratio Lower Upper

95 100

174 84.0 0.0 159.6

176 81.0 0.0 153.8

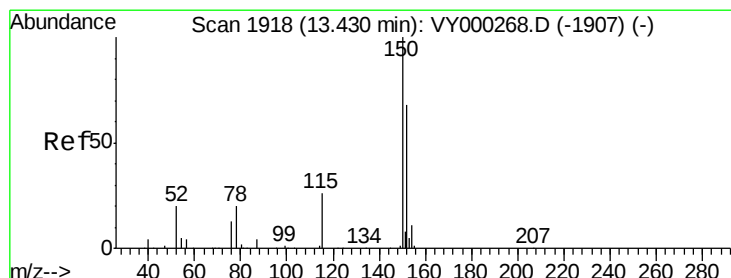
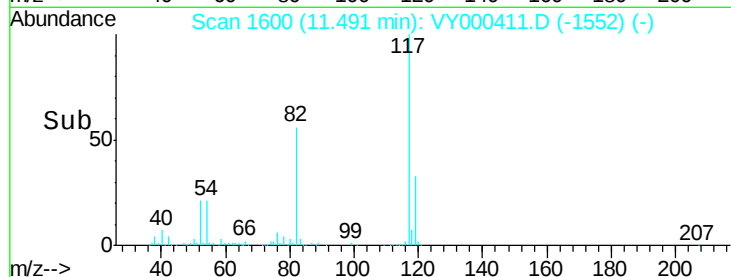
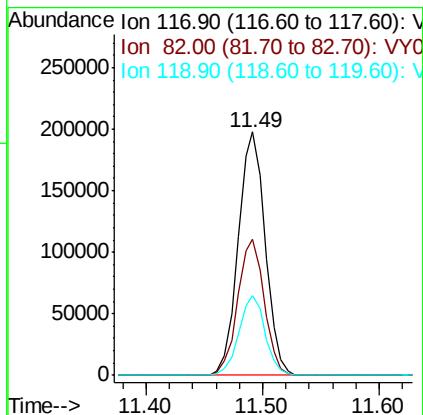
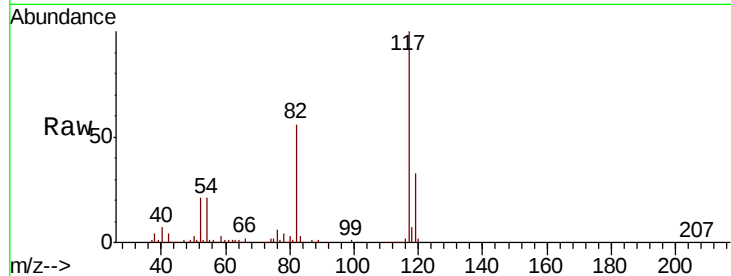




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleID :
198-27-(1.8)

Tot Ion:117 Resp: 318855
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion:152 Resp: 130772
Ion Ratio Lower Upper
152 100
115 59.0 29.3 88.0
150 156.9 0.0 348.4

