

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000435.D
 Acq On : 25 Oct 2019 17:38
 Operator : SY/MD
 Sample : K5539-18
 Misc : 7.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 165-26-(1)

Quant Time: Oct 26 03:06:05 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	85332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	134252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	107604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	41622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	43718	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.73	113	38863	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	10.19	98	155714	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.48	95	42245	35.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.40%	

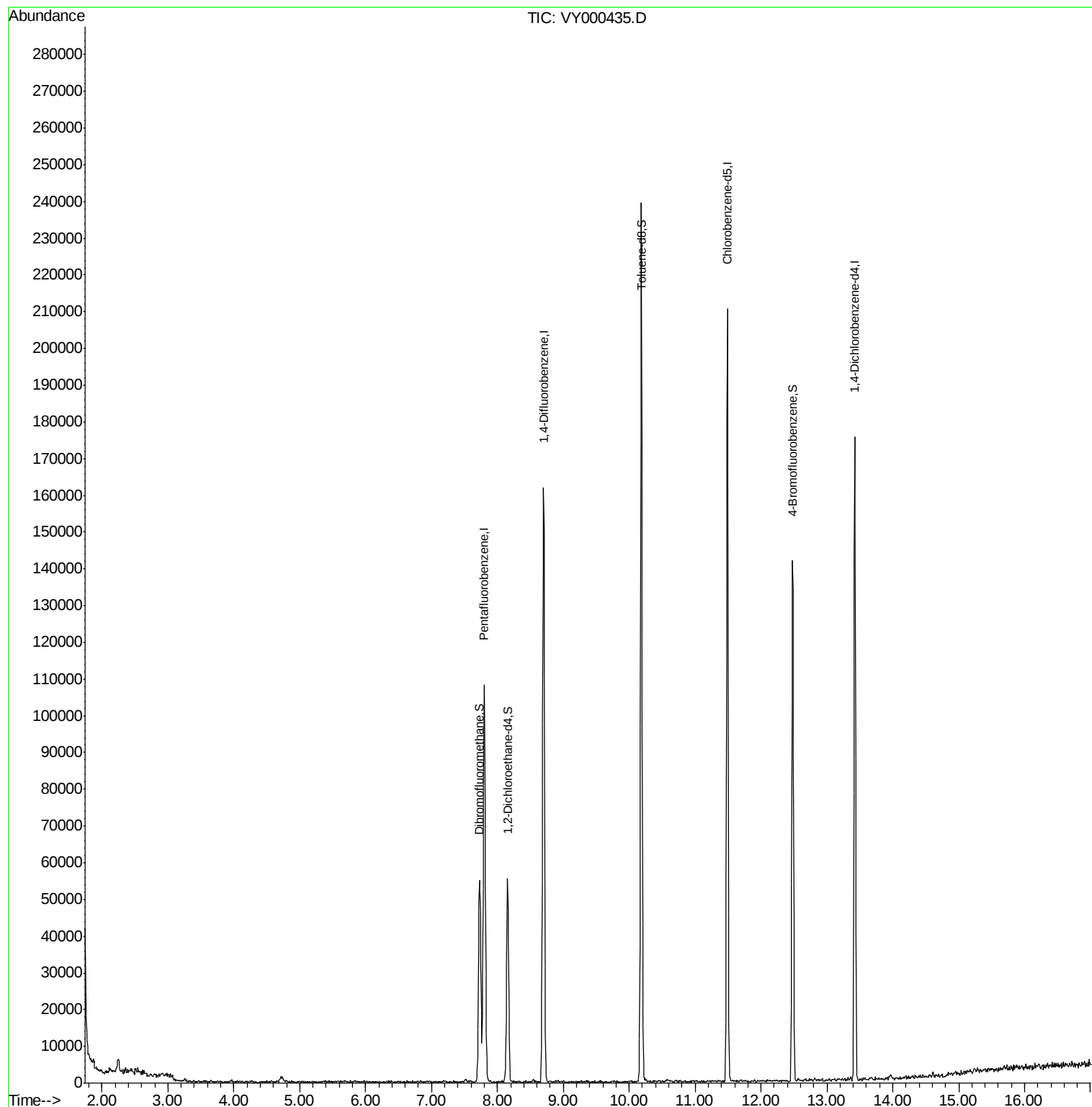
Target Compounds	Qvalue
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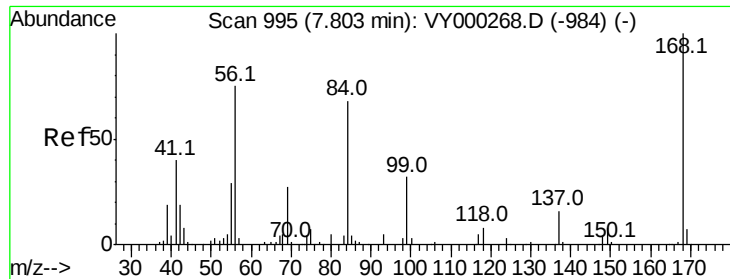
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
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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: VY000435.D

Acq: 25 Oct 2019 17:38

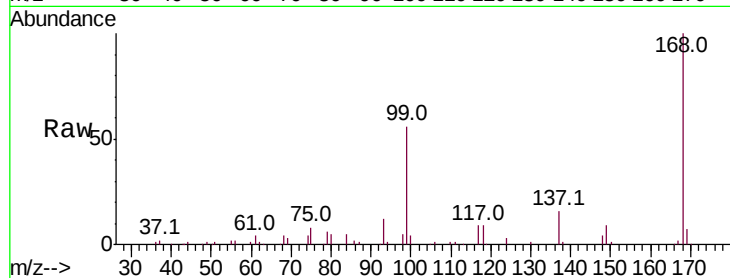
Instrument :
MSVOA_Y
ClientSampleId :
165-26-(1)

Tot Ion:168 Resp: 85332

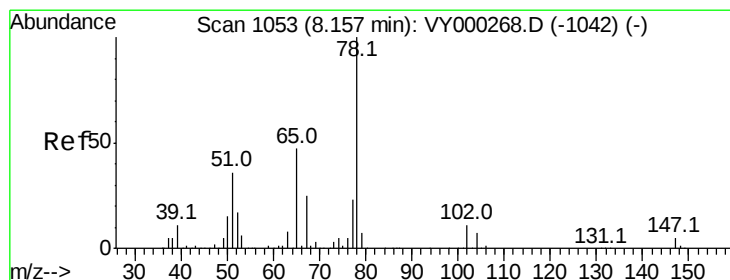
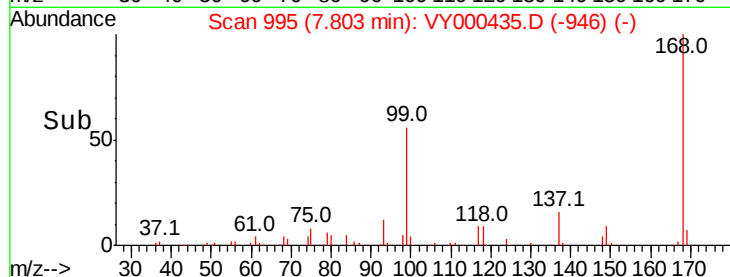
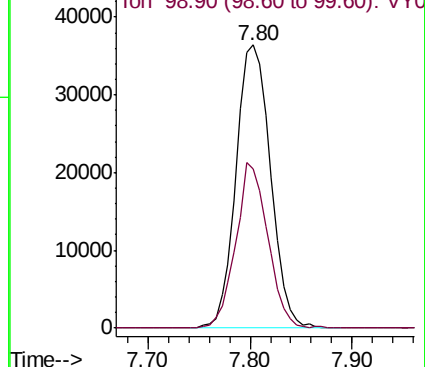
Ion Ratio Lower Upper

168 100

99 56.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000435.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.569 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000435.D

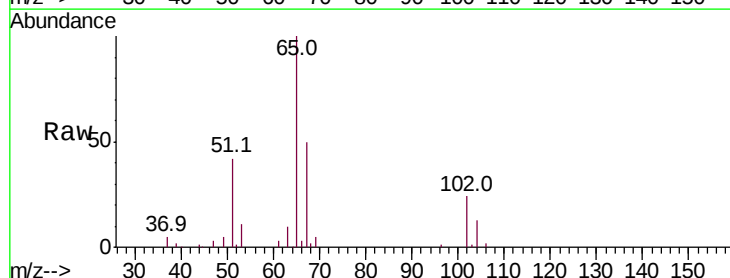
Acq: 25 Oct 2019 17:38

Tgt Ion: 65 Resp: 43718

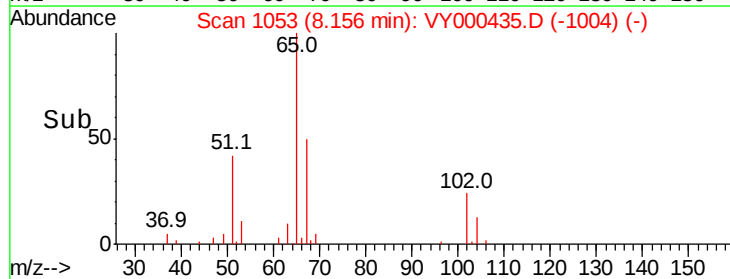
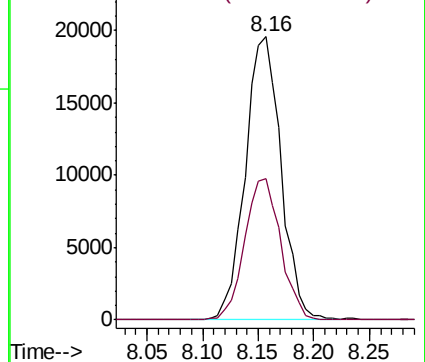
Ion Ratio Lower Upper

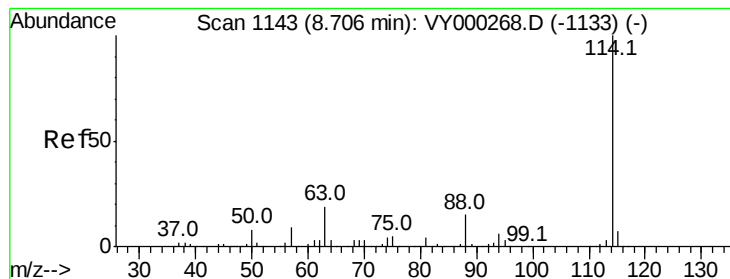
65 100

67 50.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000435.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: VY000435.D

Acq: 25 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

165-26-(1)

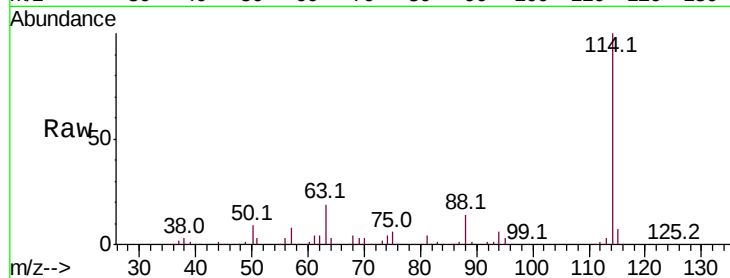
Tot Ion:114 Resp: 134252

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.2

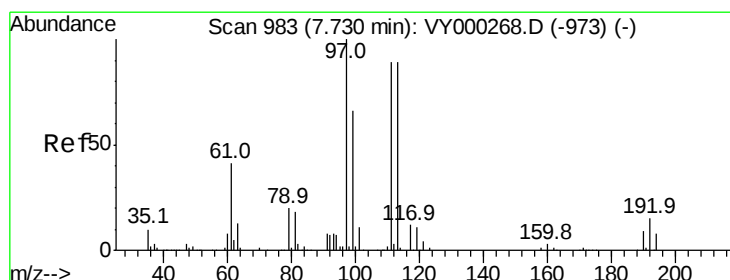
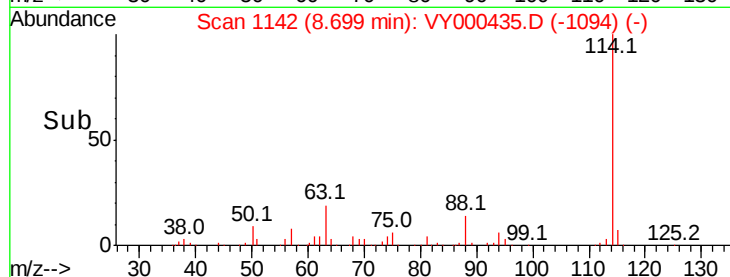
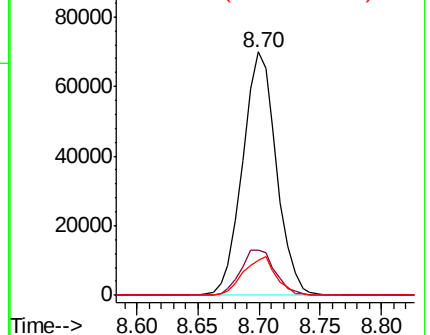
88 14.4 0.0 30.2



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: 47.990 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

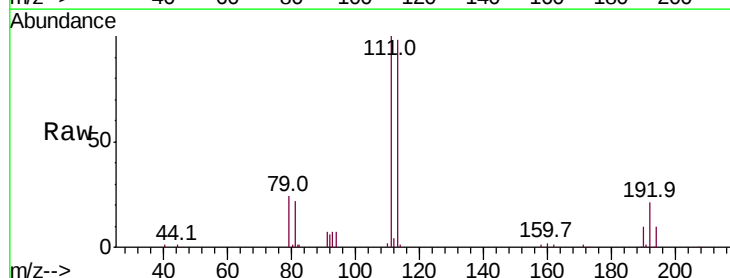
Tgt Ion:113 Resp: 38863

Ion Ratio Lower Upper

113 100

111 100.1 81.6 122.4

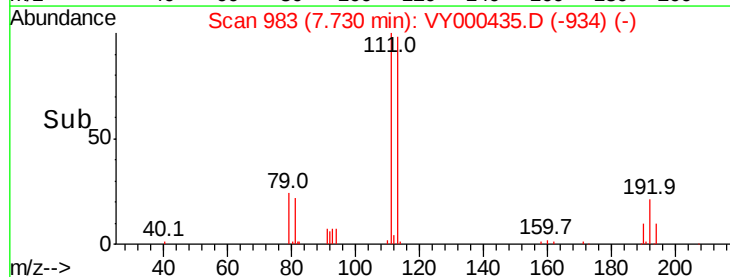
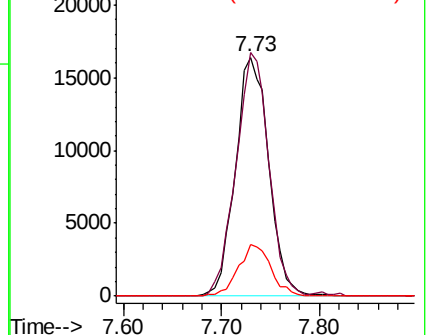
192 21.0 15.3 22.9

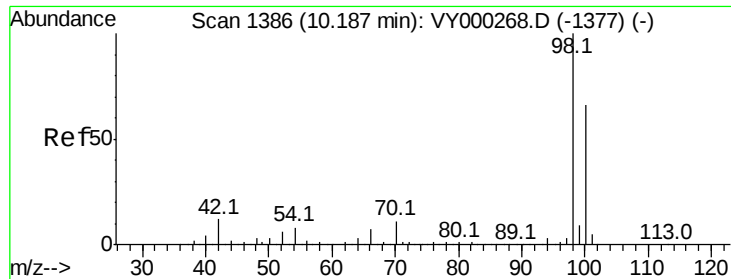


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.986 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

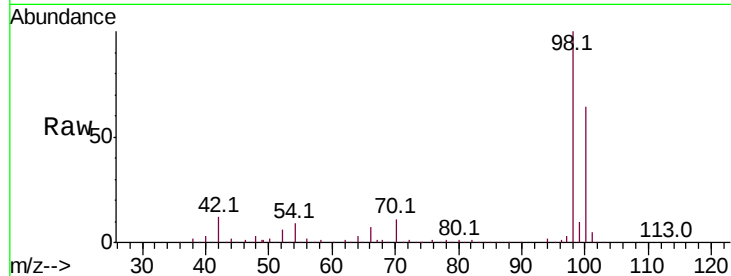
165-26-(1)

Tot Ion: 98 Resp: 155714

Ion Ratio Lower Upper

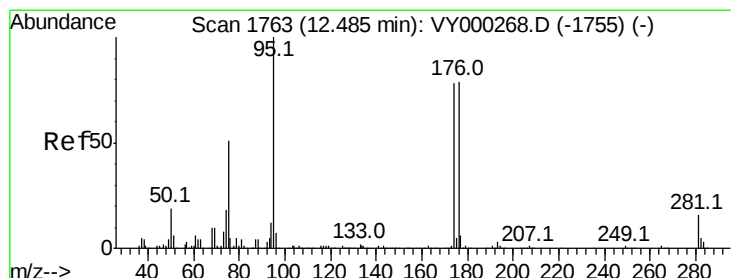
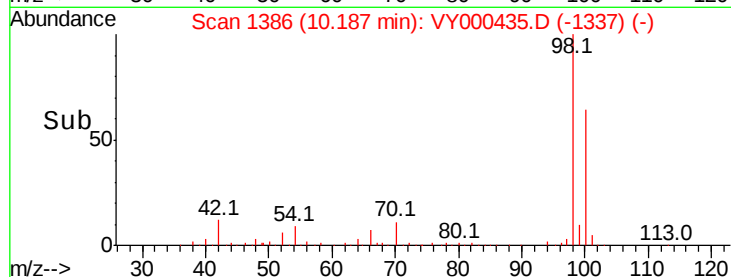
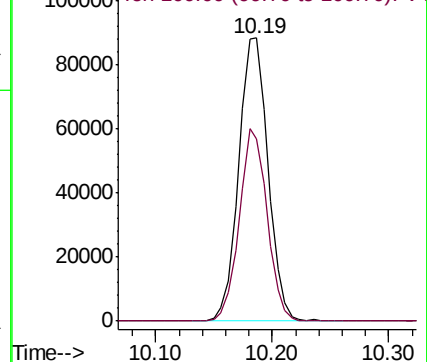
98 100

100 64.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 35.695 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

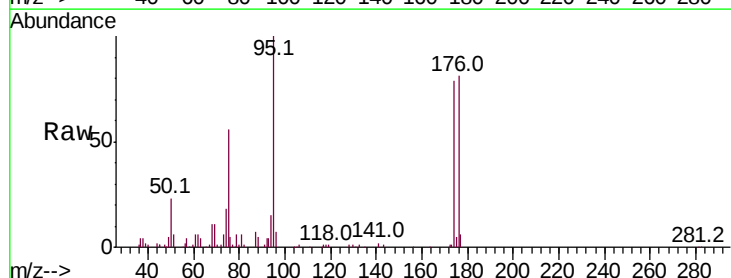
Tgt Ion: 95 Resp: 42245

Ion Ratio Lower Upper

95 100

174 84.7 0.0 159.6

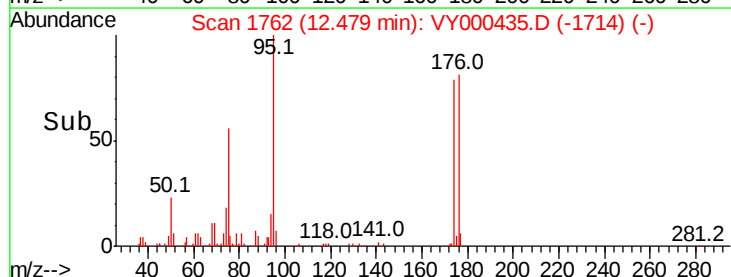
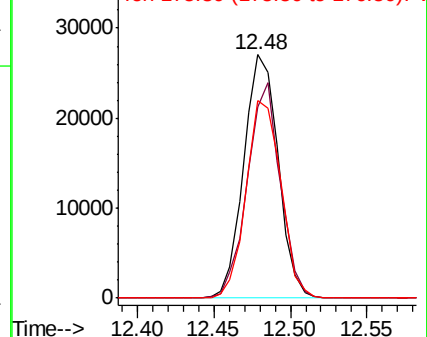
176 82.4 0.0 153.8

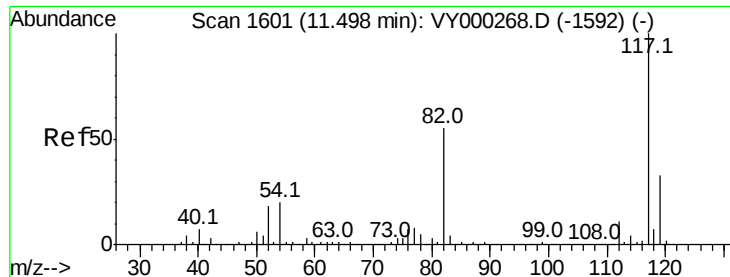


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

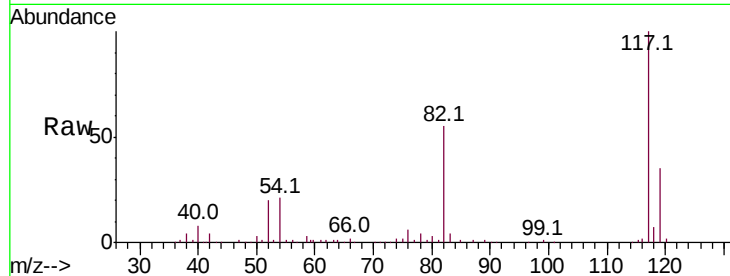




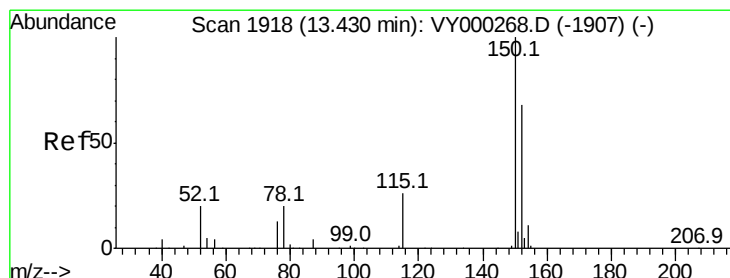
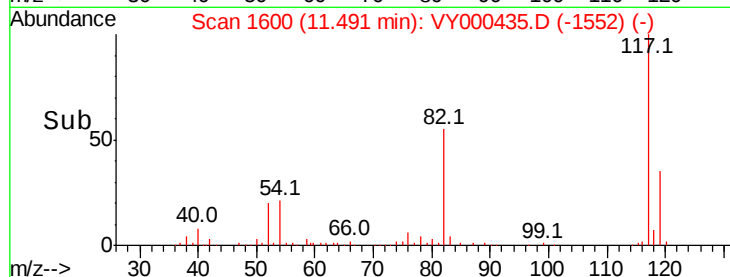
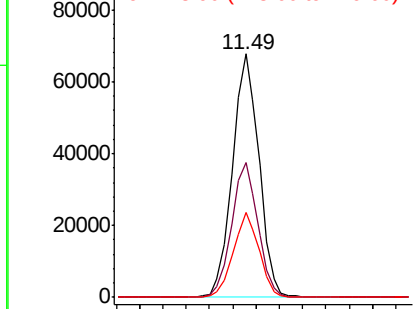
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000435.D
Acq: 25 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
165-26-(1)

Tot Ion:117 Resp: 107604
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 34.8 26.6 39.8

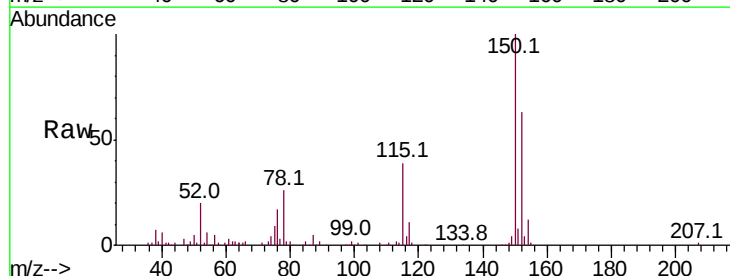


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000435.D
Acq: 25 Oct 2019 17:38

Tgt Ion:152 Resp: 41622
Ion Ratio Lower Upper
152 100
115 59.1 29.3 88.0
150 156.1 0.0 348.4



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

