

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001089.D
 Acq On : 27 Dec 2019 11:45
 Operator : SY/MD
 Sample : VY1227SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBL01

Quant Time: Dec 28 04:17:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	250368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	460842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	409788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180430	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	129364	52.39	ug/l	0.00
Spiked Amount						
			Recovery	=	104.78%	
35) Dibromofluoromethane	7.72	113	133059	49.03	ug/l	0.00
Spiked Amount						
			Recovery	=	98.06%	
50) Toluene-d8	10.18	98	544371	51.33	ug/l	0.00
Spiked Amount						
			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.48	95	177088	45.67	ug/l	0.00
Spiked Amount						
			Recovery	=	91.34%	

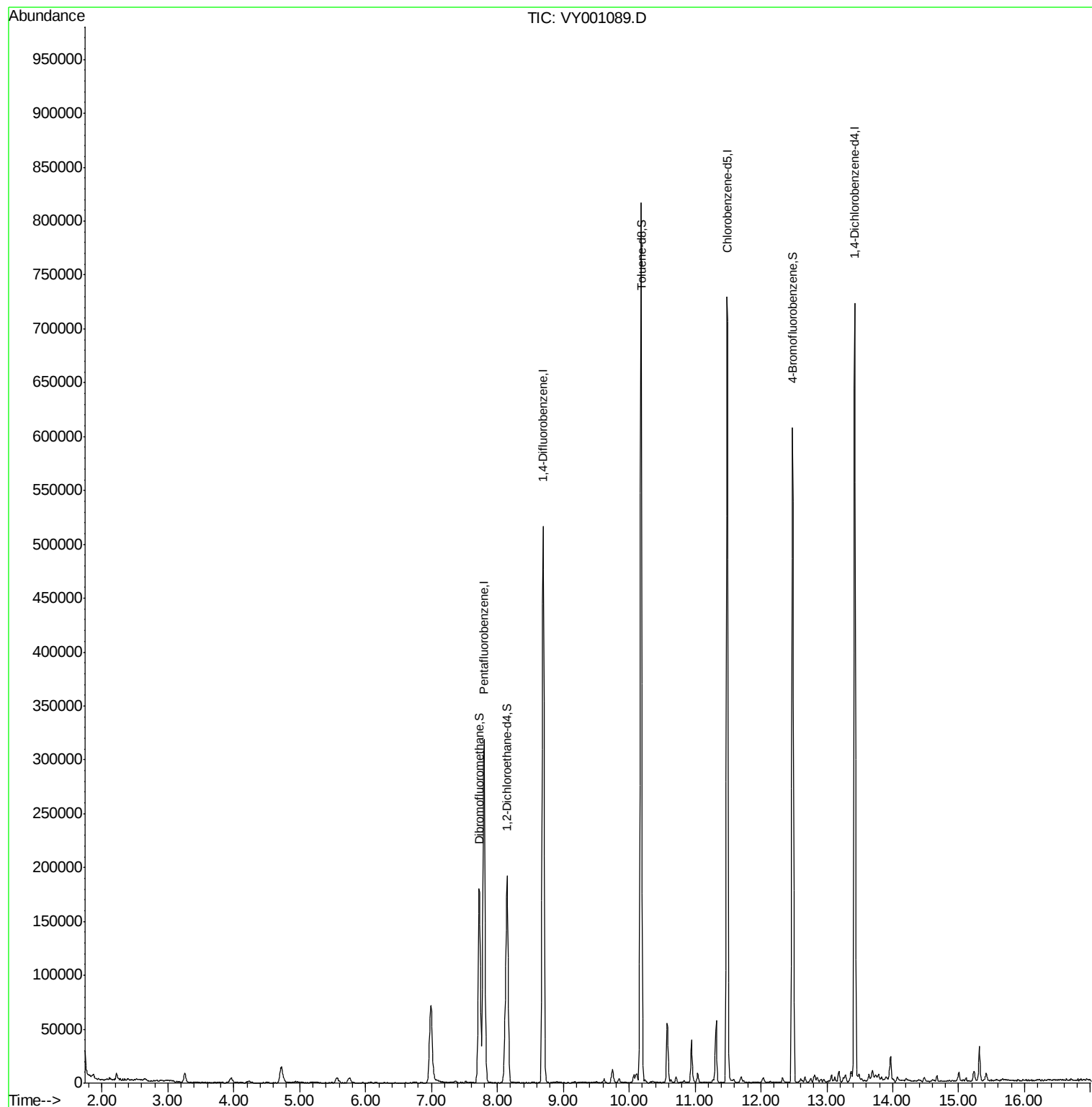
Target Compounds	Qvalue
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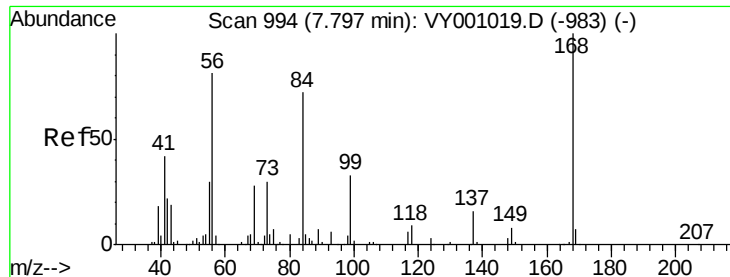
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

Instrument :

MSVOA_Y

ClientSampleId :

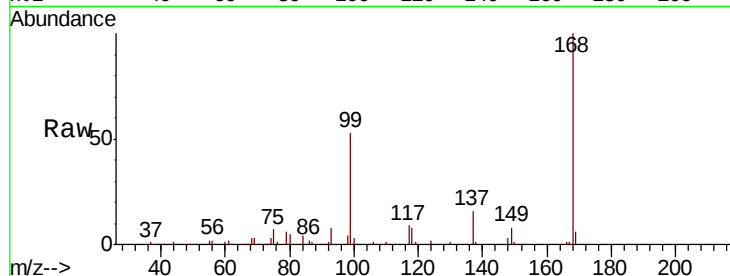
VY1227SBL01

Tot Ion:168 Resp: 250368

Ion Ratio Lower Upper

168 100

99 52.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

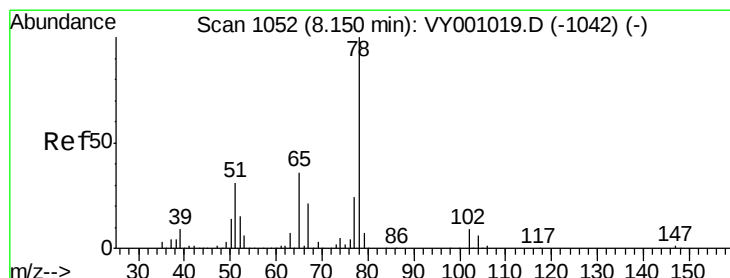
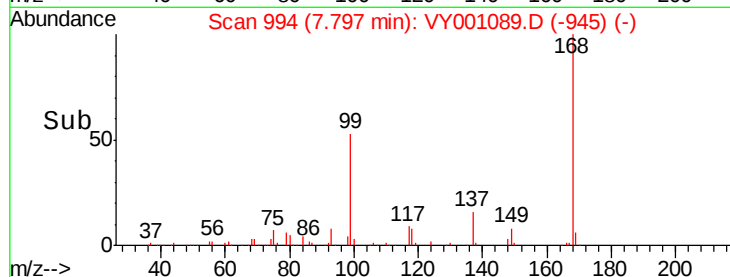
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.389 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001089.D

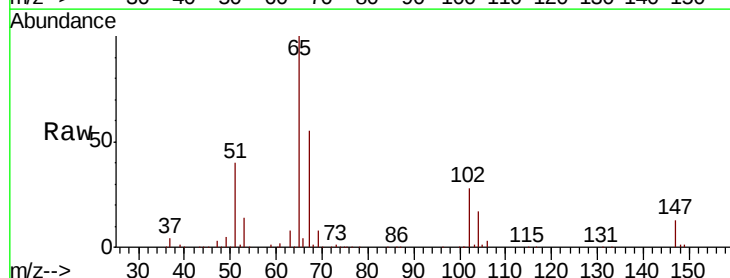
Acq: 27 Dec 2019 11:45

Tgt Ion: 65 Resp: 129364

Ion Ratio Lower Upper

65 100

67 58.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

8.15

60000

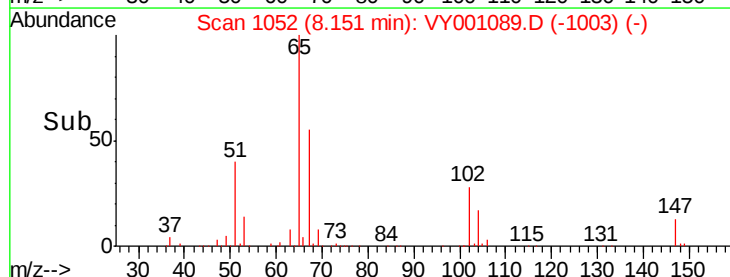
40000

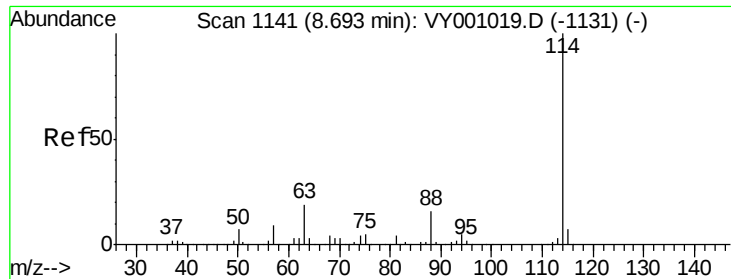
20000

0

8.10 8.20

Time-->

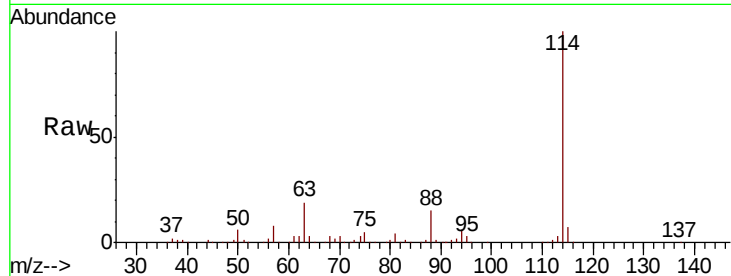




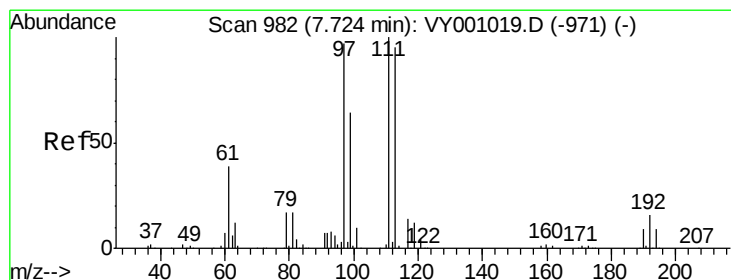
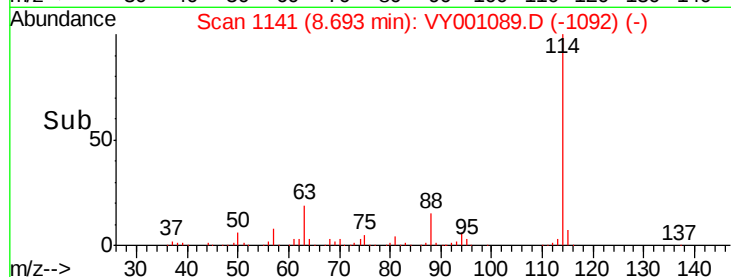
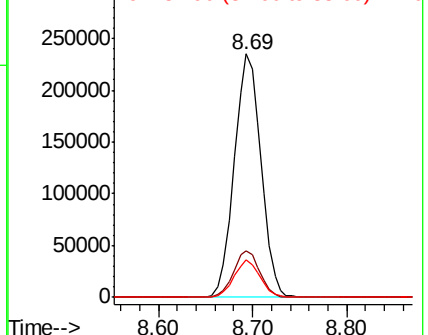
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001089.D
Acq: 27 Dec 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

Tot Ion:114 Resp: 460842
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.0
88 15.2 0.0 32.0

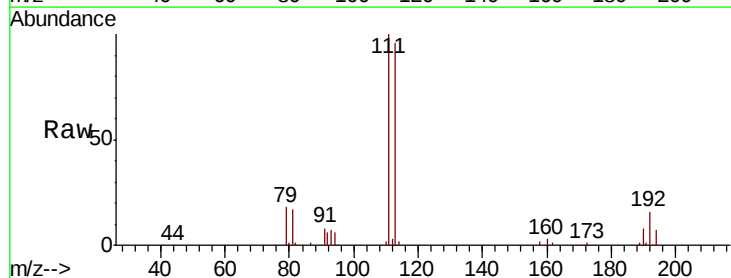


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

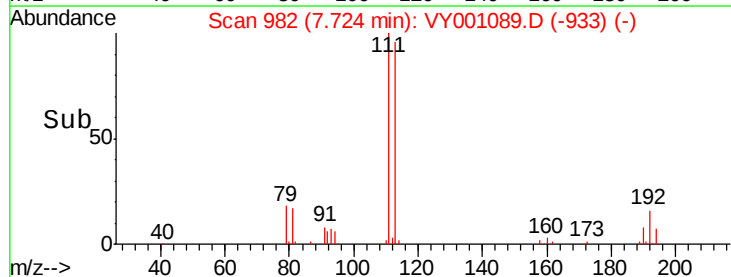
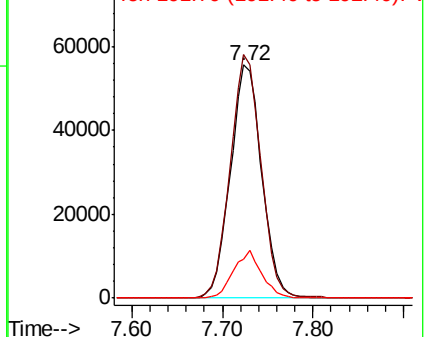


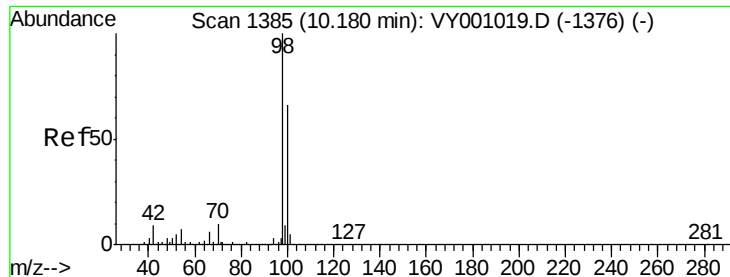
#35
Dibromofluoromethane
Concen: 49.032 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY001089.D
Acq: 27 Dec 2019 11:45

Tgt Ion:113 Resp: 133059
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 18.4 14.6 21.8



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: 51.331 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

Instrument :

MSVOA_Y

ClientSampleId :

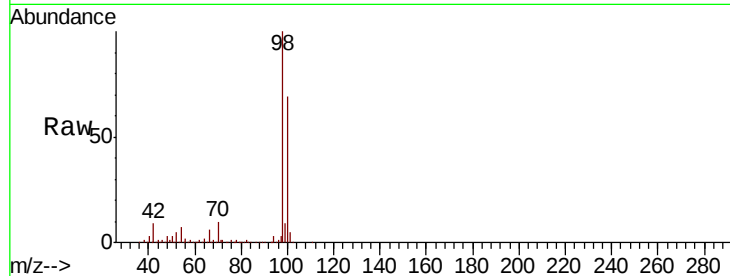
VY1227SBL01

Tot Ion: 98 Resp: 544371

Ion Ratio Lower Upper

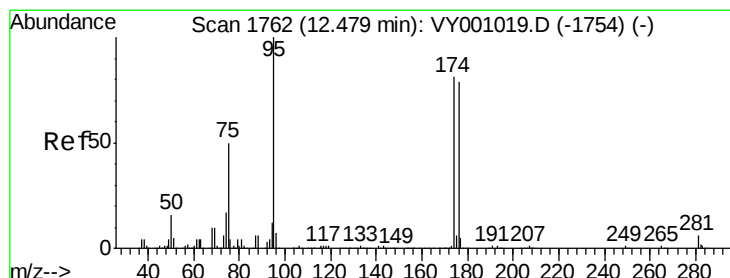
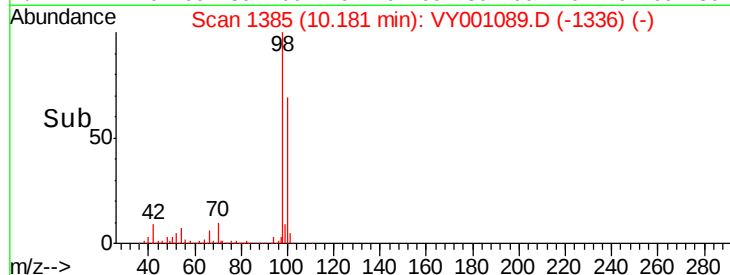
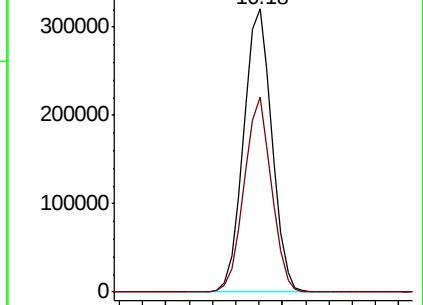
98 100

100 66.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001019.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY001019.D (-1376) (-)



#62

4-Bromofluorobenzene

Concen: 45.672 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

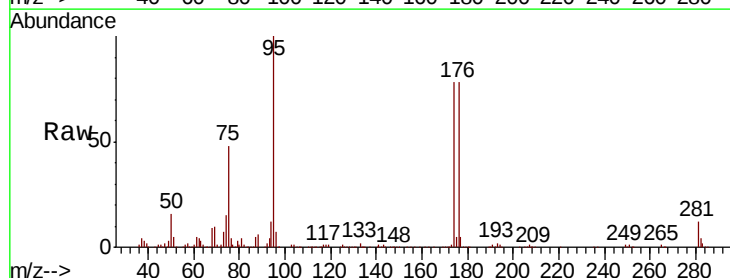
Tgt Ion: 95 Resp: 177088

Ion Ratio Lower Upper

95 100

174 80.3 0.0 156.4

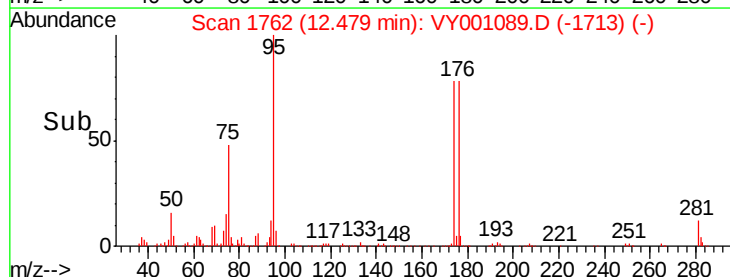
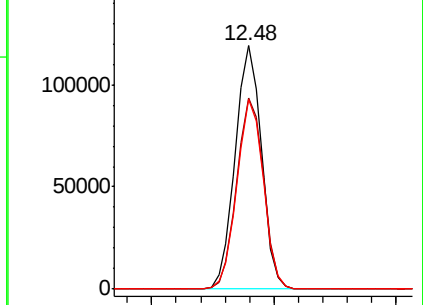
176 78.4 0.0 155.0

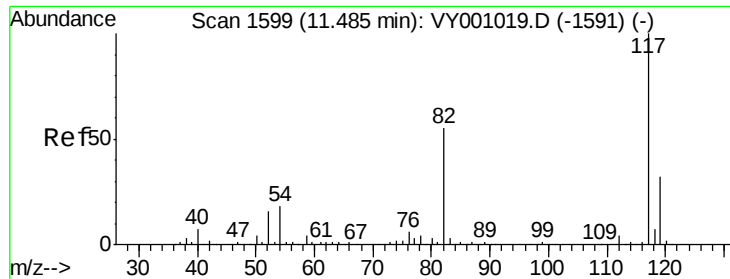


Abundance Ion 94.90 (94.60 to 95.60): VY001019.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY001019.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY001019.D (-1754) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBL01

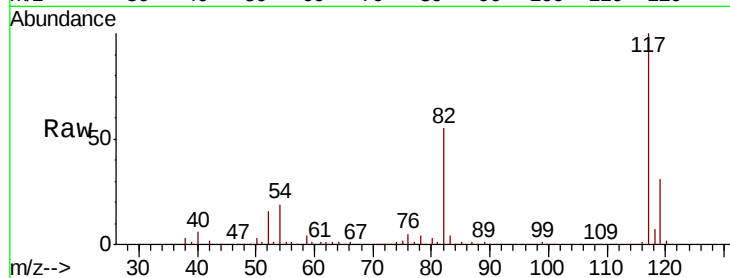
Tot Ion:117 Resp: 409788

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

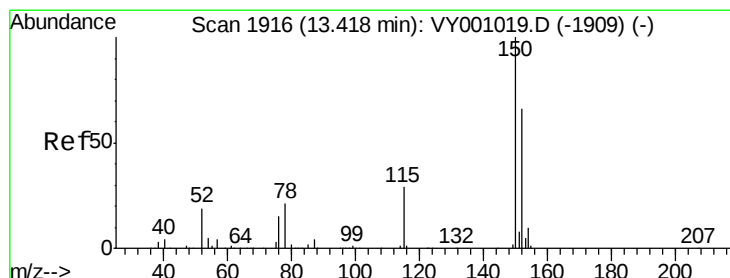
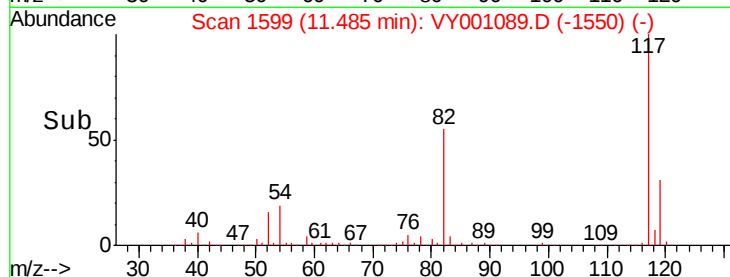
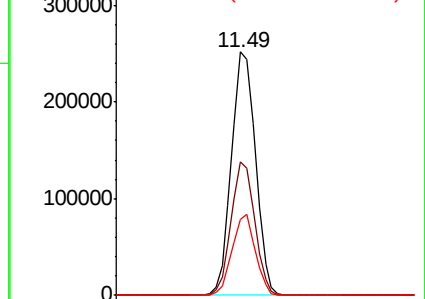
119 31.0 25.8 38.6



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: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

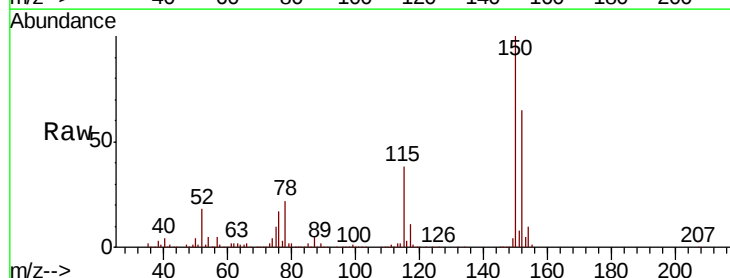
Tgt Ion:152 Resp: 180430

Ion Ratio Lower Upper

152 100

115 57.8 29.8 89.3

150 158.7 0.0 352.6



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

