

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001900.D
 Acq On : 06 Mar 2020 15:58
 Operator : SY/MD
 Sample : L1836-01
 Misc : 5.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-212-VNJ-221

Quant Time: Mar 06 23:49:59 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	7.82	168	136689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	260002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	214651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	65161	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	85471	58.57	ug/l	0.00
Spiked Amount			Recovery	=	117.14%	
35) Dibromofluoromethane	7.75	113	77174	54.36	ug/l	0.00
Spiked Amount			Recovery	=	108.72%	
50) Toluene-d8	10.19	98	308944	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.50	95	84318	40.51	ug/l	0.00
Spiked Amount			Recovery	=	81.02%	

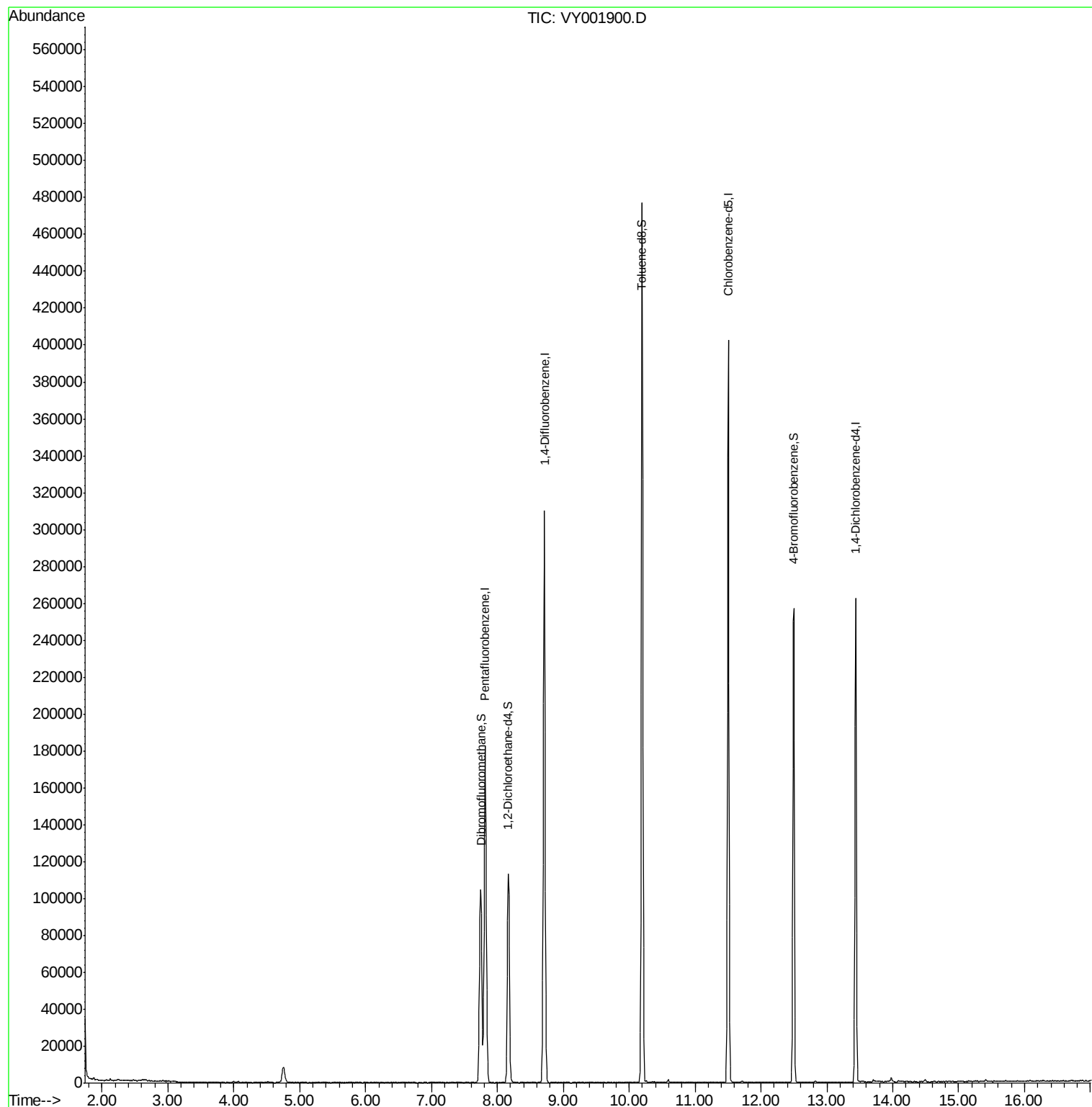
Target Compounds	Qvalue
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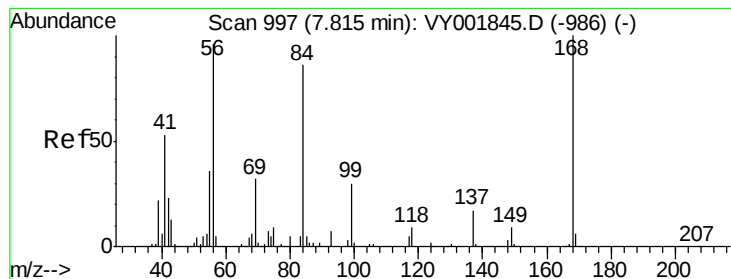
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

Instrument :

MSVOA_Y

ClientSampleId :

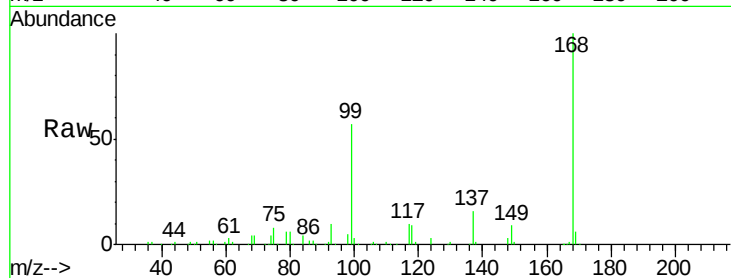
VNJ-212-VNJ-221

Tot Ion:168 Resp: 136689

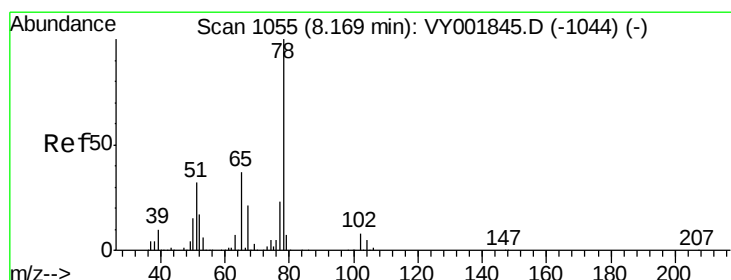
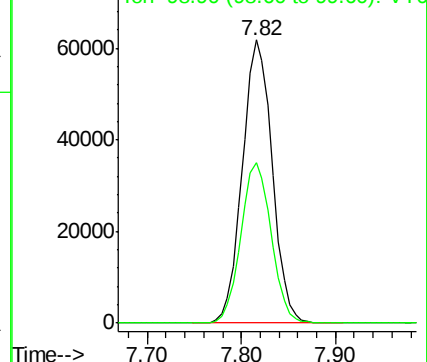
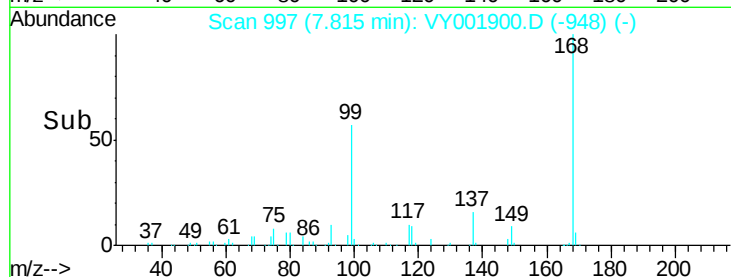
Ion Ratio Lower Upper

168 100

99 56.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001900.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.572 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001900.D

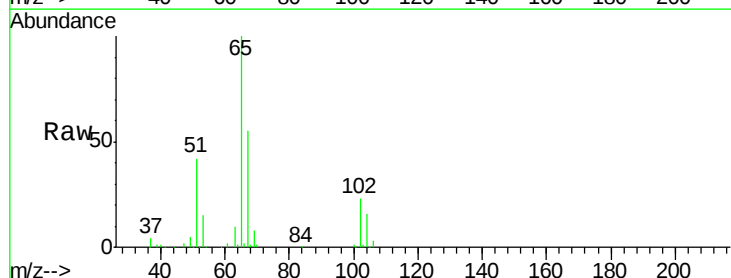
Acq: 06 Mar 2020 15:58

Tgt Ion: 65 Resp: 85471

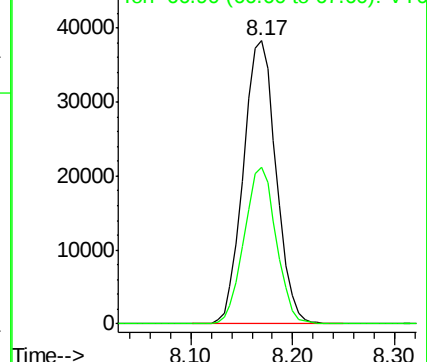
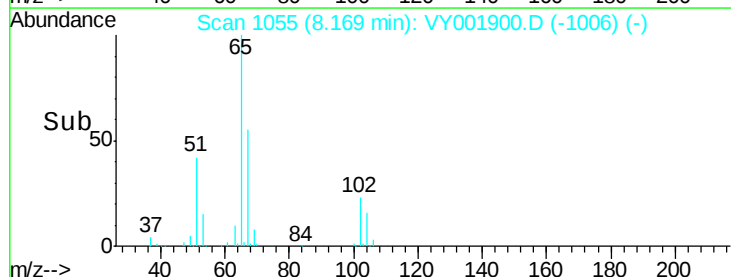
Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001900.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-212-VNJ-221

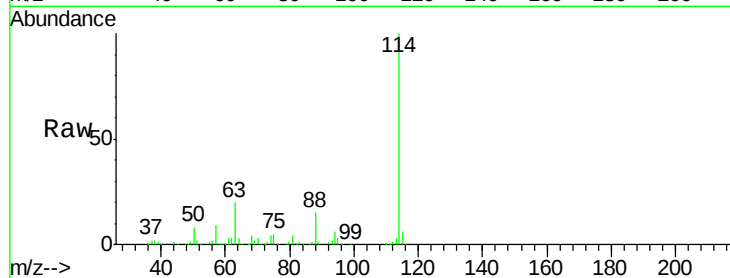
Tot Ion:114 Resp: 260002

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

88 15.5 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

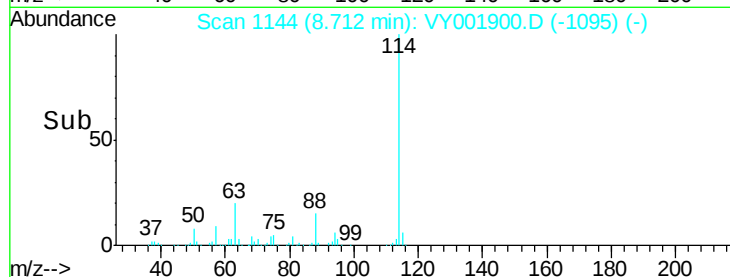
150000

100000

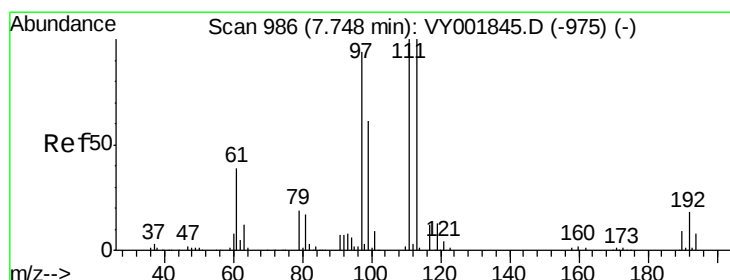
50000

0

8.60 8.70 8.80



Time-->



#35

Dibromofluoromethane

Concen: 54.358 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

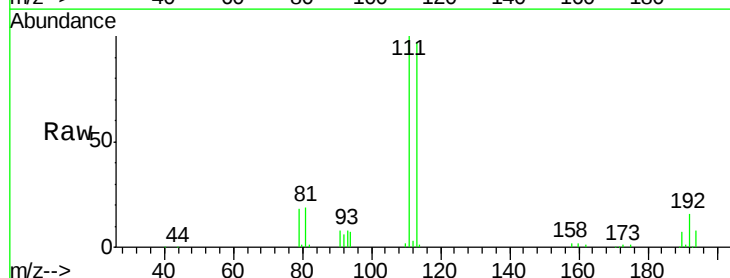
Tgt Ion:113 Resp: 77174

Ion Ratio Lower Upper

113 100

111 105.3 81.8 122.8

192 17.9 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

40000

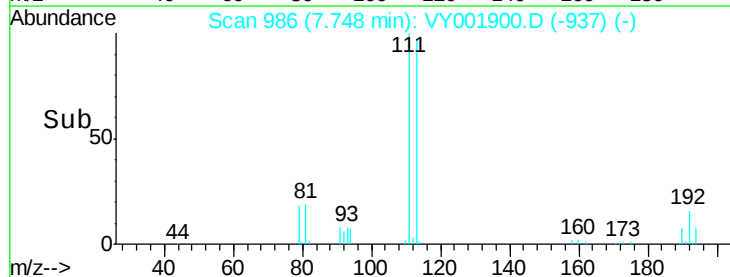
30000

20000

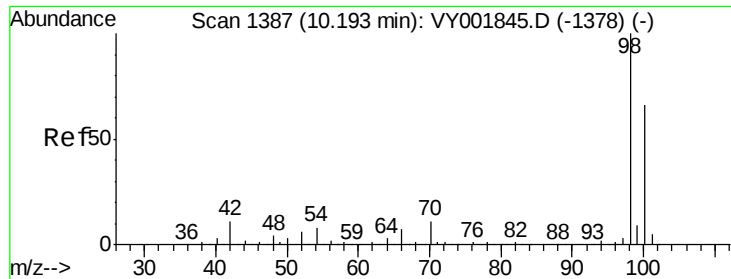
10000

0

7.60 7.70 7.80 7.90



Time-->



#50

Toluene-d8

Concen: 51.605 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

Instrument :

MSVOA_Y

ClientSampleId :

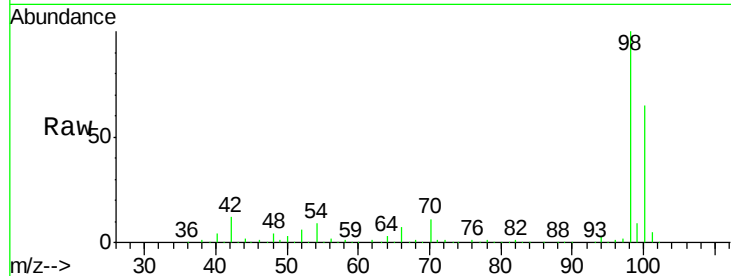
VNJ-212-VNJ-221

Tot Ion: 98 Resp: 308944

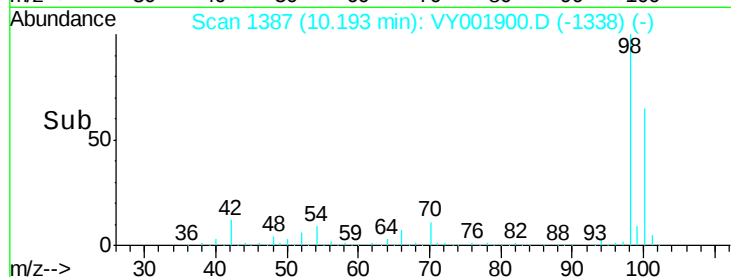
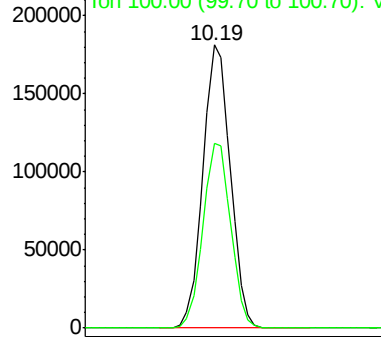
Ion Ratio Lower Upper

98 100

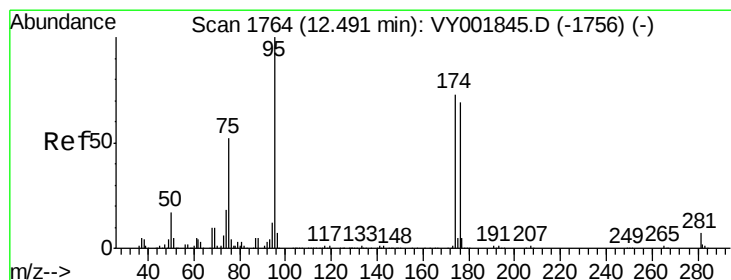
100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 40.505 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

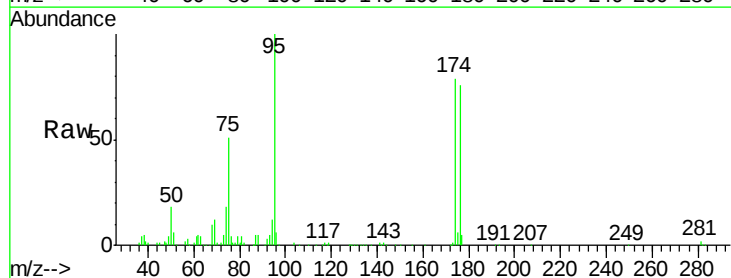
Tgt Ion: 95 Resp: 84318

Ion Ratio Lower Upper

95 100

174 73.9 0.0 145.0

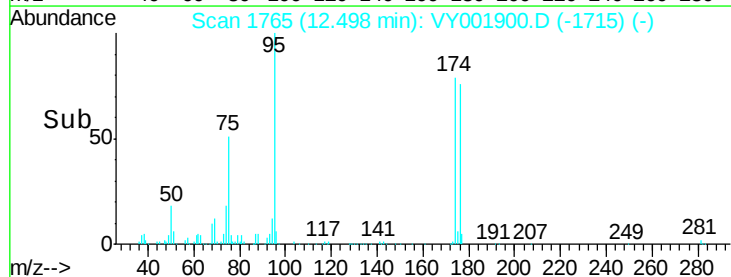
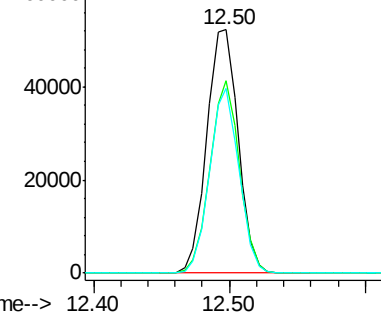
176 71.0 0.0 137.4



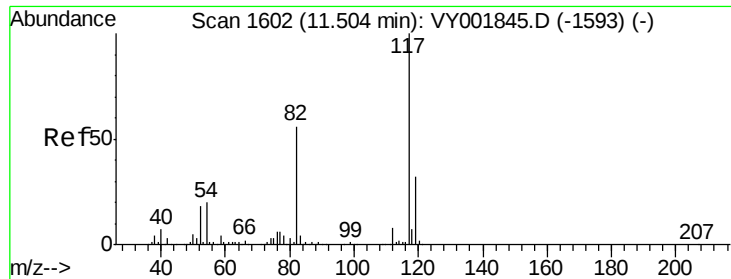
Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)



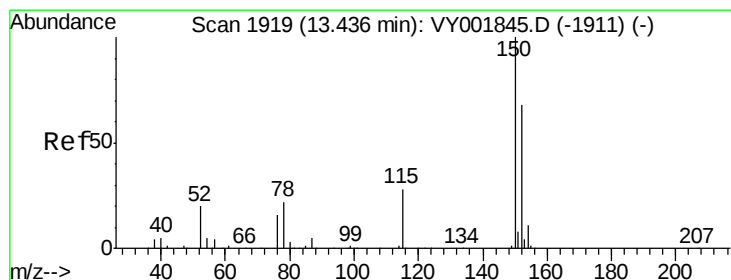
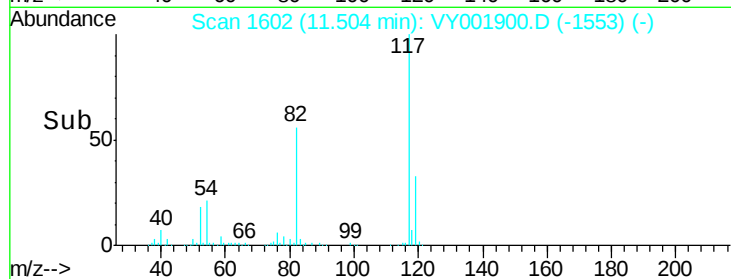
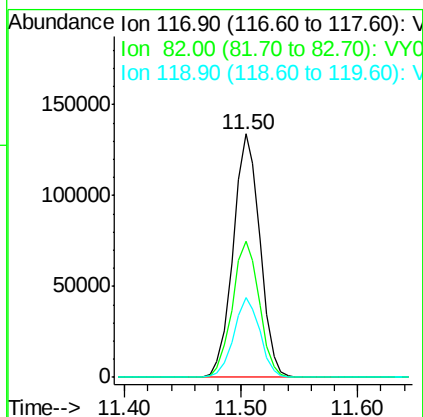
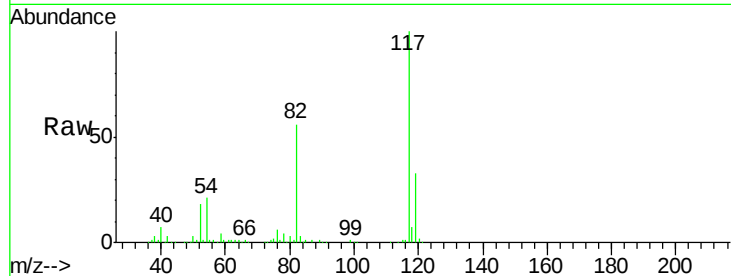
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001900.D
Acq: 06 Mar 2020 15:58

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212-VNJ-221

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.5	66.7
119	32.8	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001900.D
Acq: 06 Mar 2020 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.9	89.7
150	159.4	0.0	340.6

