

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001215.D
 Acq On : 15 Jan 2020 14:10
 Operator : SY/MD
 Sample : L1125-01
 Misc : 5.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-28-(1.5-2)

Quant Time: Jan 16 05:23:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	167570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	300717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	263161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	107862	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	93957	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
35) Dibromofluoromethane	7.73	113	88521	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	10.18	98	351403	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.48	95	120439	43.42	ug/l	0.00
Spiked Amount			Recovery	=	86.84%	

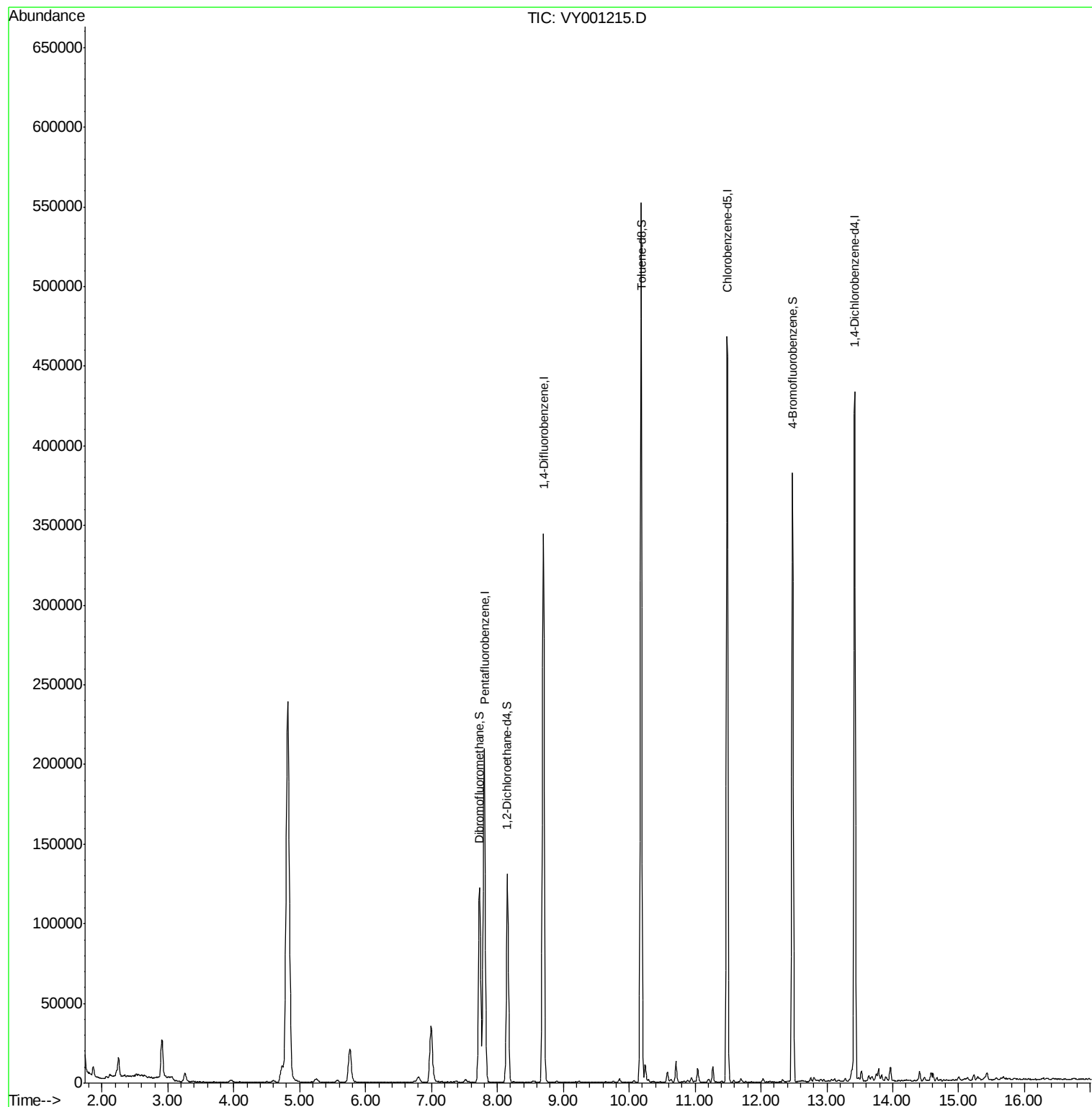
Target Compounds	Qvalue
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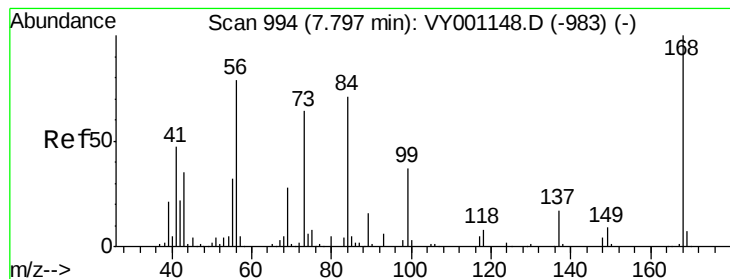
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

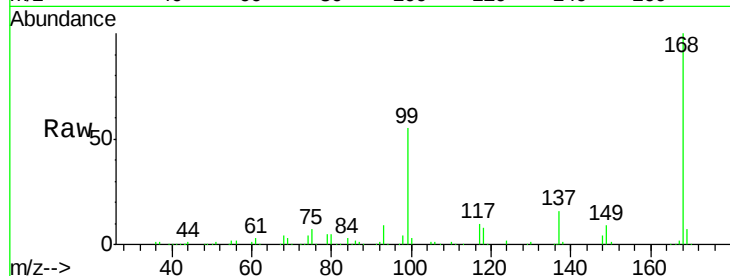
FESB-28-(1.5-2)

Tot Ion:168 Resp: 167570

Ion Ratio Lower Upper

168 100

99 55.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

40000

20000

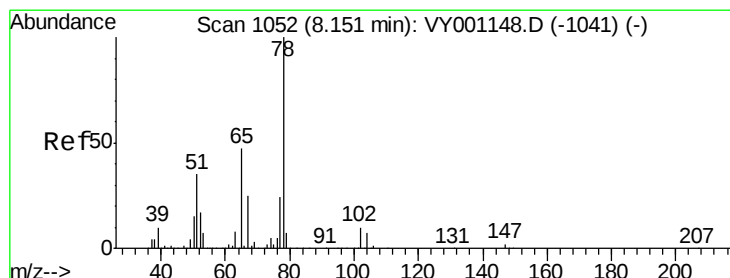
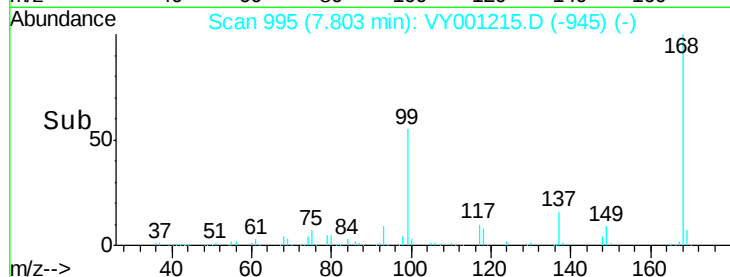
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 53.088 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY001215.D

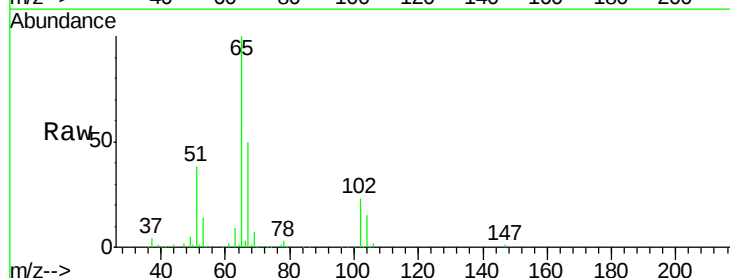
Acq: 15 Jan 2020 14:10

Tgt Ion: 65 Resp: 93957

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)

8.16

50000

40000

30000

20000

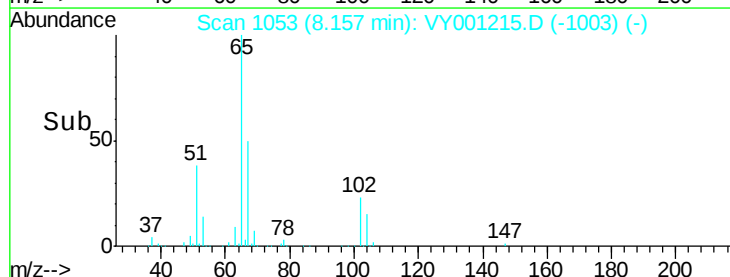
10000

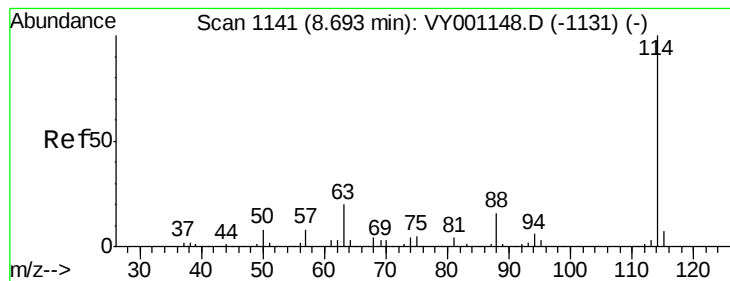
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Time-->

8.10

8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

FESB-28-(1.5-2)

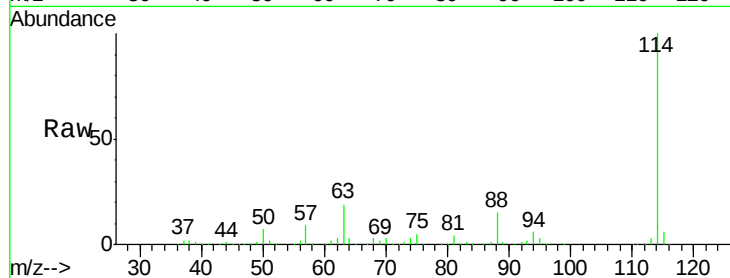
Tot Ion:114 Resp: 300717

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

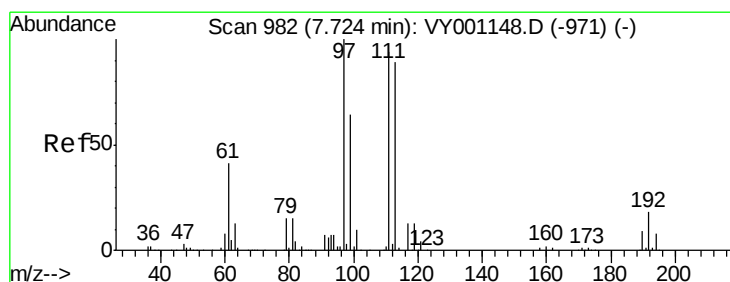
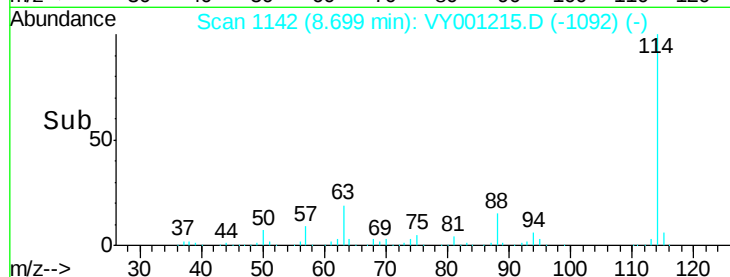
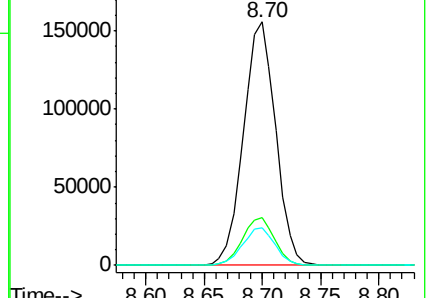
88 15.3 0.0 32.4



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: 50.276 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

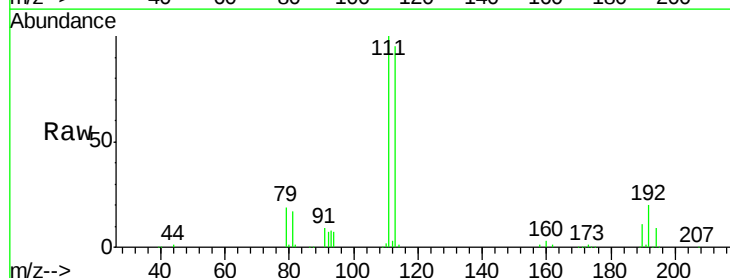
Tgt Ion:113 Resp: 88521

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

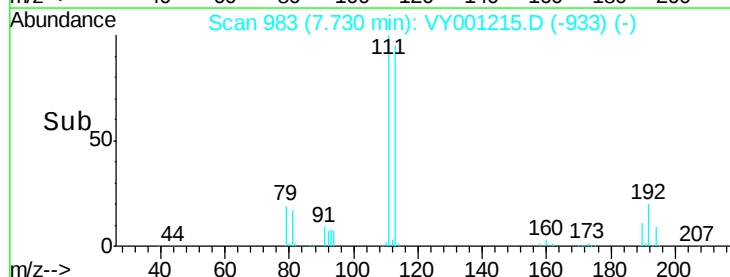
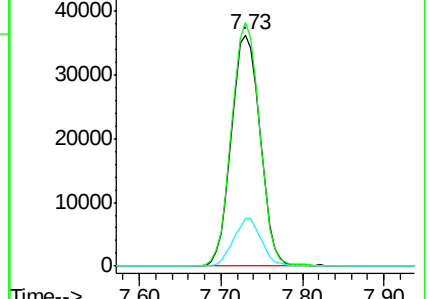
192 19.7 15.4 23.2

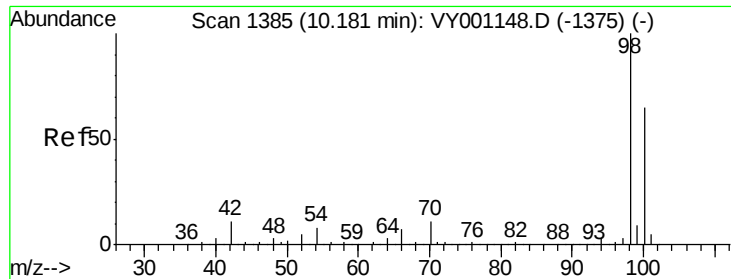


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.797 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

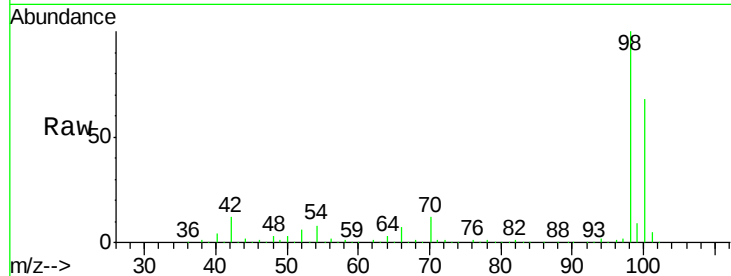
FESB-28-(1.5-2)

Tot Ion: 98 Resp: 351403

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001215.D (-1336) (-)

10.18

200000

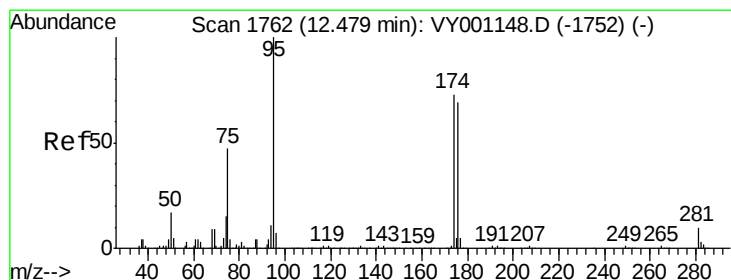
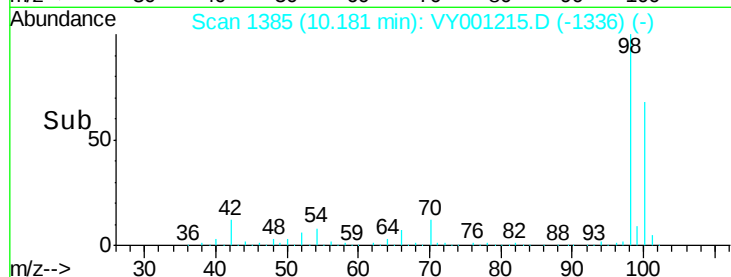
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.423 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

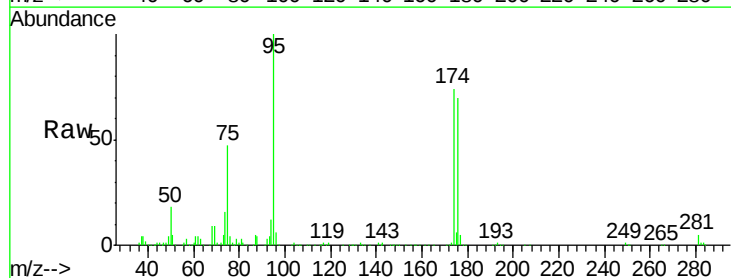
Tgt Ion: 95 Resp: 120439

Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.2

176 72.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001215.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY001215.D (-1713) (-)

12.48

100000

80000

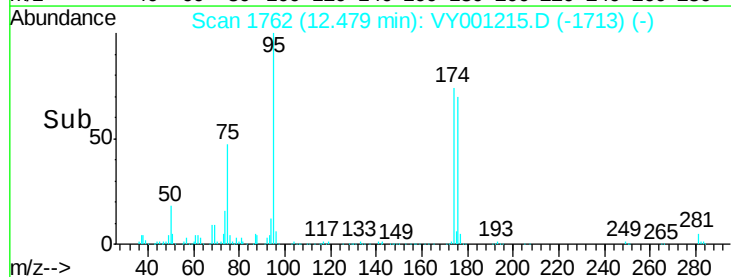
60000

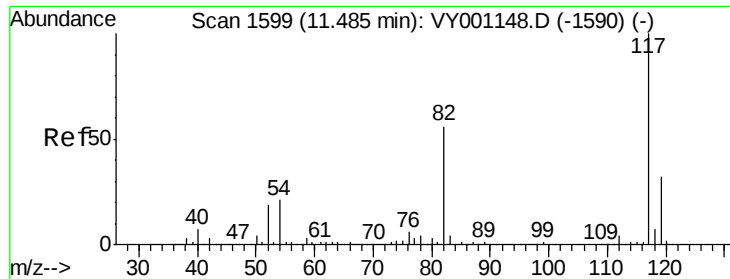
40000

20000

0

Time-->

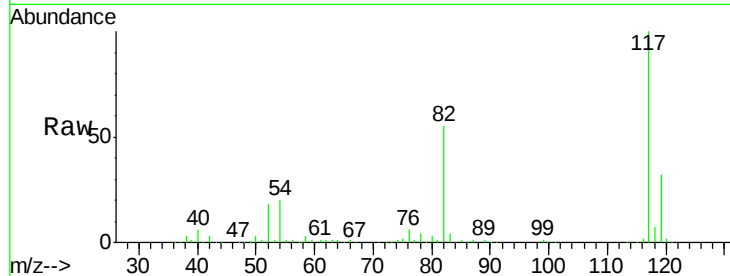




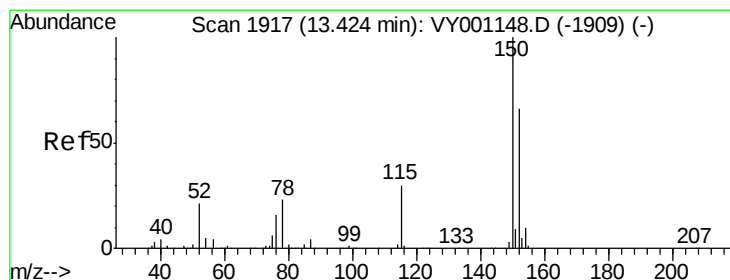
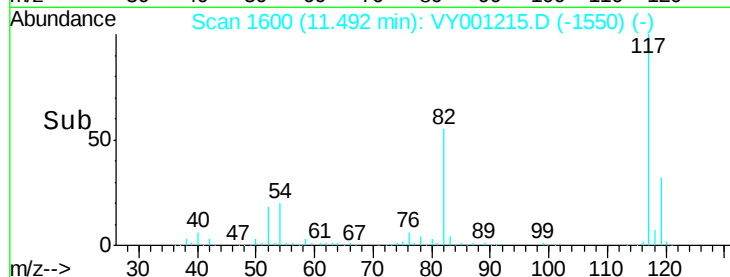
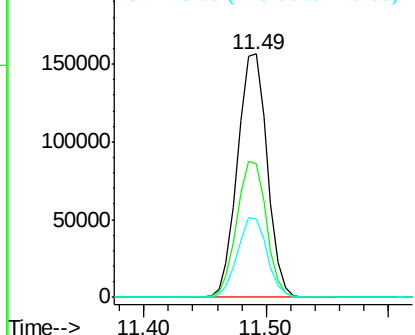
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001215.D
Acq: 15 Jan 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
FESB-28-(1.5-2)

Tot Ion:117 Resp: 263161
Ion Ratio Lower Upper
117 100
82 54.9 44.9 67.3
119 32.4 25.7 38.5

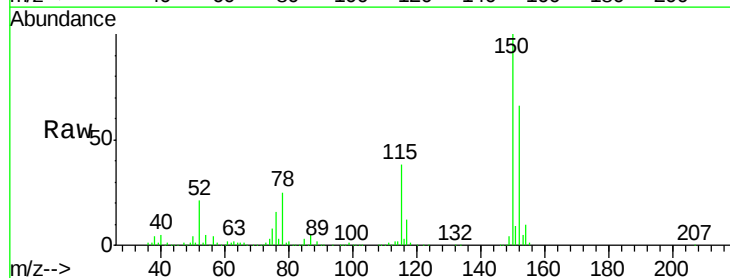


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001215.D
Acq: 15 Jan 2020 14:10

Tgt Ion:152 Resp: 107862
Ion Ratio Lower Upper
152 100
115 59.8 30.9 92.5
150 158.5 0.0 346.8



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

