

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001284.D
 Acq On : 17 Jan 2020 22:22
 Operator : SY/MD
 Sample : L1008-08
 Misc : 5.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-011620

Quant Time: Jan 18 05:00:37 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	7.83	168	191353	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	345115	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	315701	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	151400	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	110098	54.48	ug/l	0.03
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	7.75	113	102968	50.96	ug/l	0.03
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	10.21	98	409802	52.63	ug/l	0.02
Spiked Amount			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.50	95	151286	47.53	ug/l	0.02
Spiked Amount			Recovery	=	95.06%	

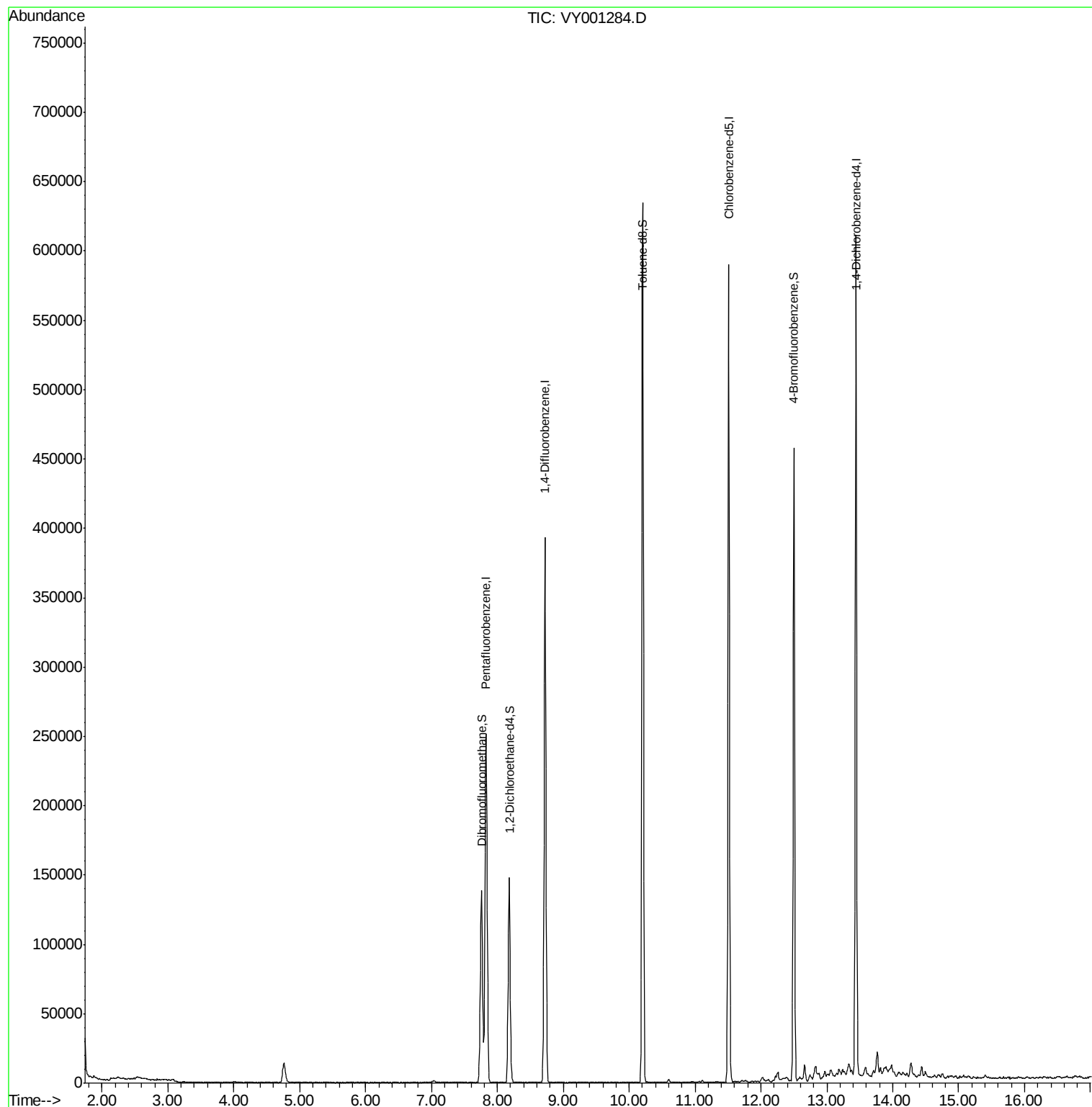
Target Compounds	Qvalue
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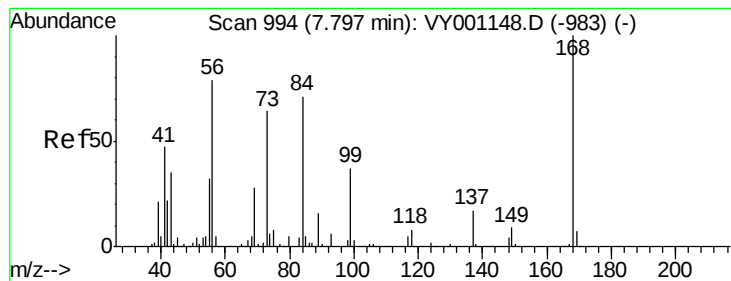
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampleId :

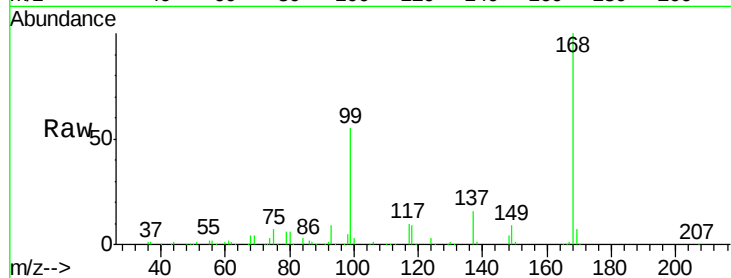
CL-01-011620

Tot Ion:168 Resp: 191353

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) (-)

7.83

80000

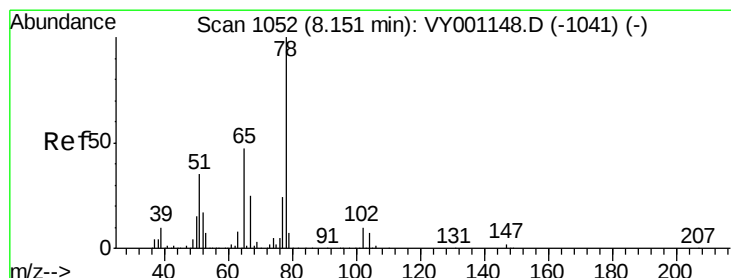
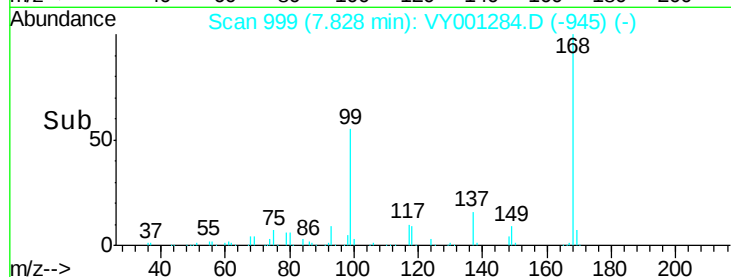
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 54.476 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001284.D

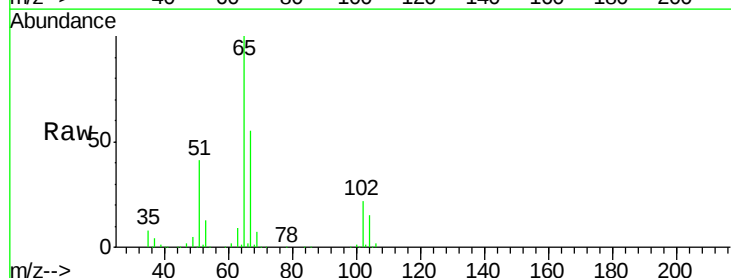
Acq: 17 Jan 2020 22:22

Tgt Ion: 65 Resp: 110098

Ion Ratio Lower Upper

65 100

67 54.4 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) (-)

8.18

60000

50000

40000

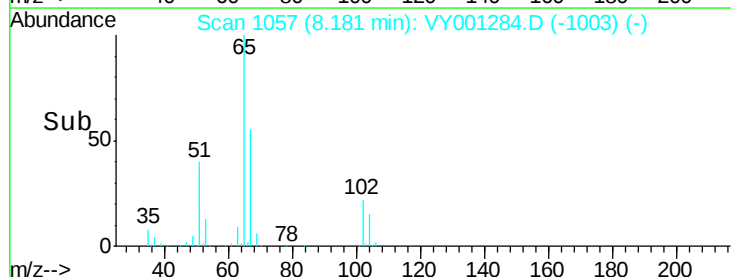
30000

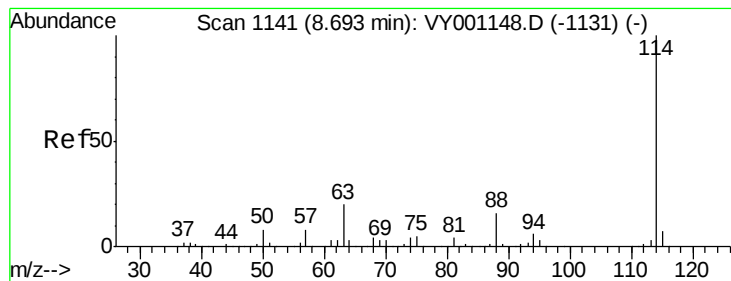
20000

10000

0

Time--> 8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.03 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-011620

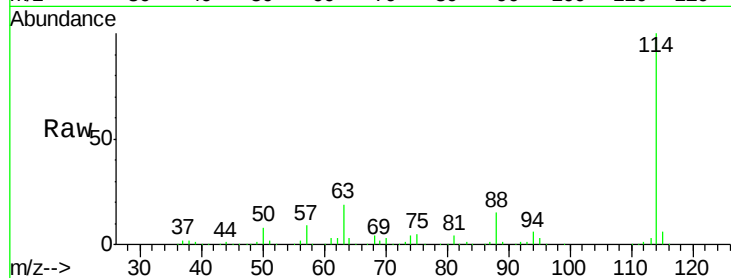
Tot Ion:114 Resp: 345115

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

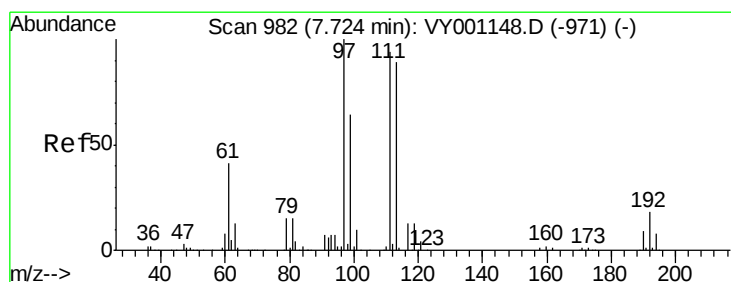
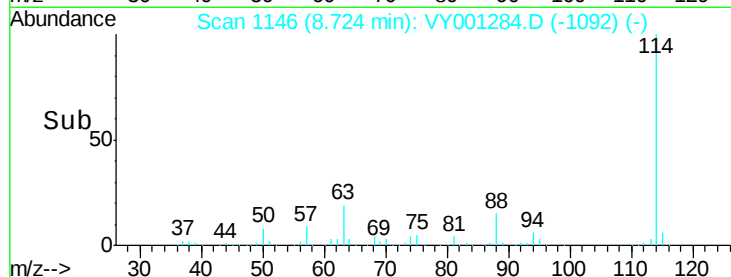
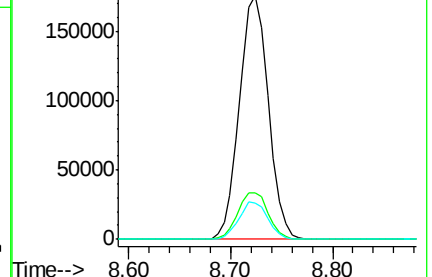
88 15.0 0.0 32.4



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: 50.958 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.03 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

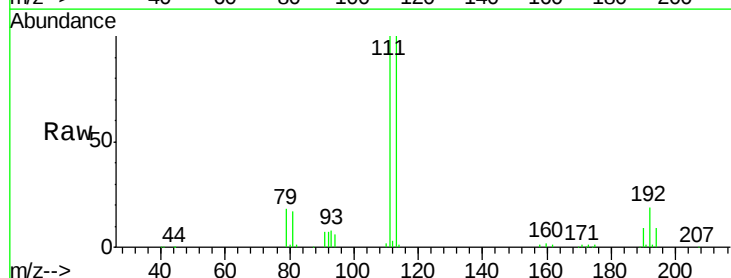
Tgt Ion:113 Resp: 102968

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

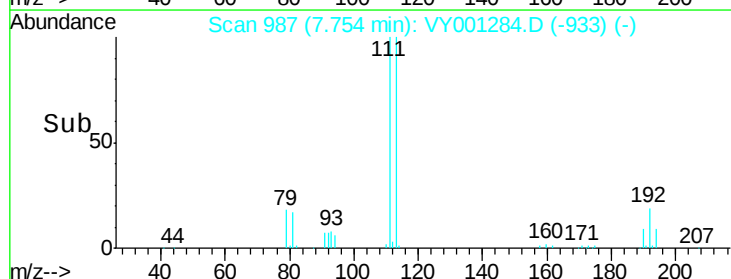
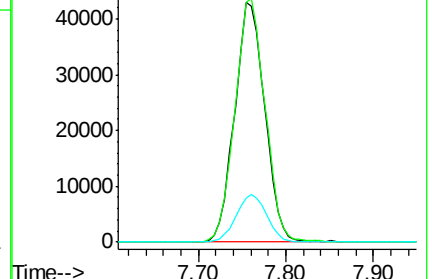
192 20.0 15.4 23.2

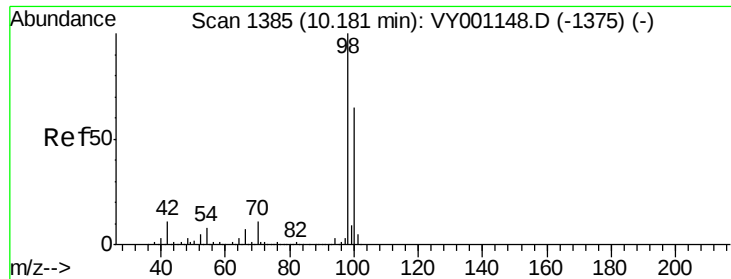


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.634 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampleId :

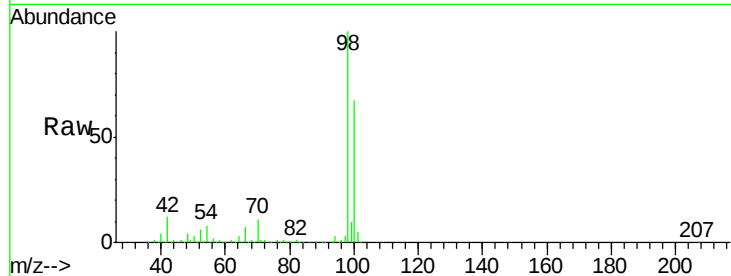
CL-01-011620

Tot Ion: 98 Resp: 409802

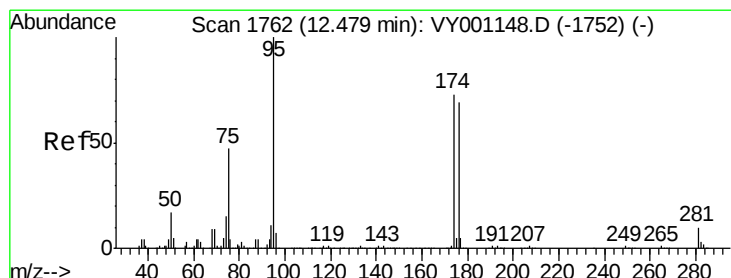
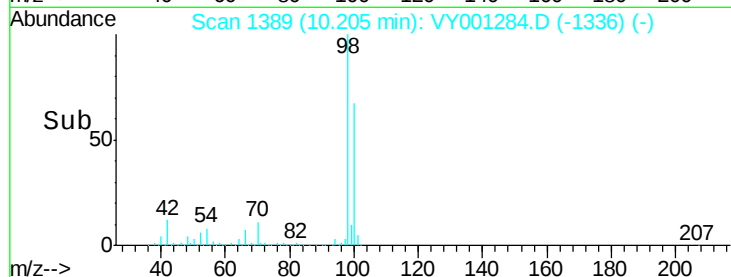
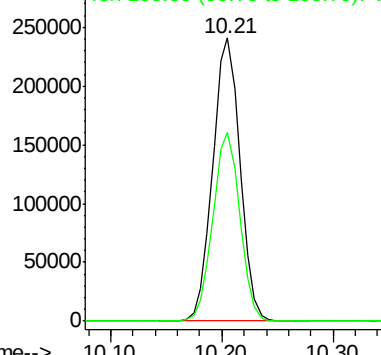
Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



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



#62

4-Bromofluorobenzene

Concen: 47.528 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

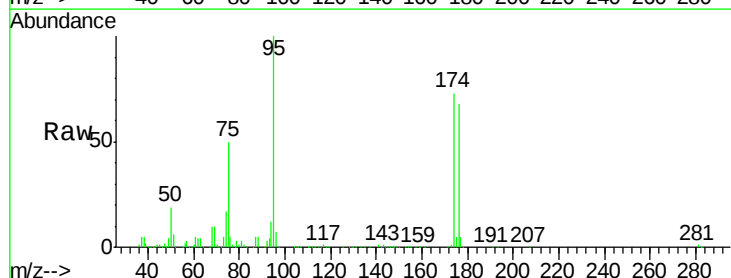
Tgt Ion: 95 Resp: 151286

Ion Ratio Lower Upper

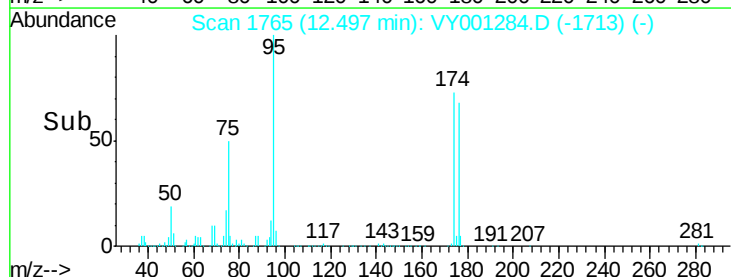
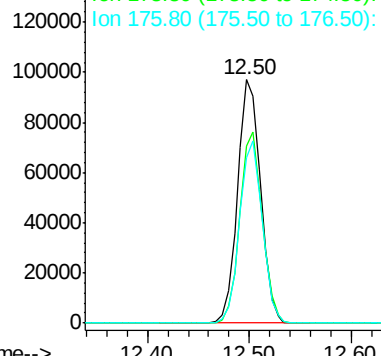
95 100

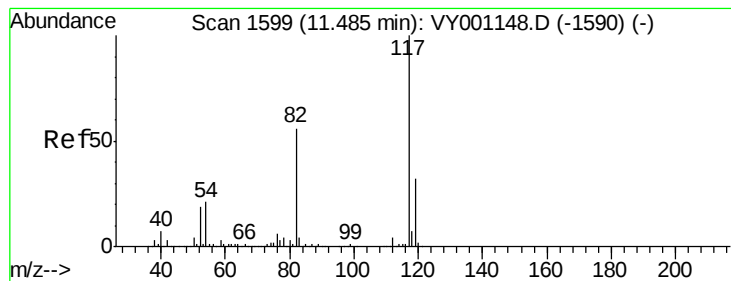
174 76.3 0.0 143.2

176 73.7 0.0 136.0



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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. 0.02 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-011620

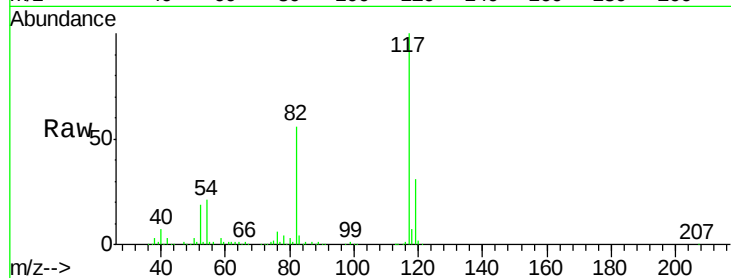
Tot Ion:117 Resp: 315701

Ion Ratio Lower Upper

117 100

82 55.9 44.9 67.3

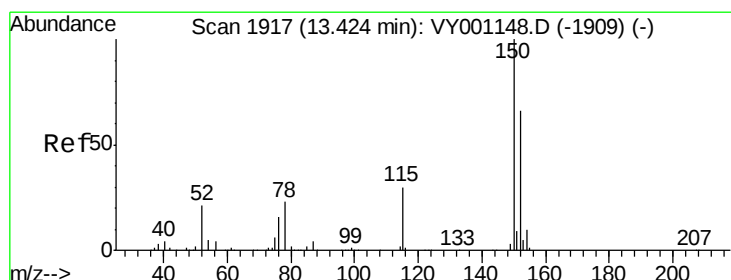
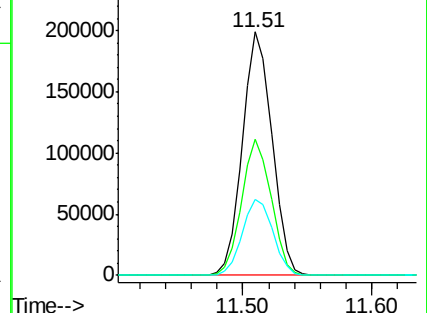
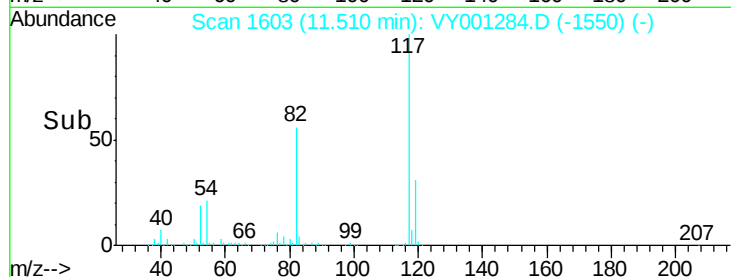
119 31.1 25.7 38.5



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: 13.44 min Scan# 1920

Delta R.T. 0.02 min

Lab File: VY001284.D

Acq: 17 Jan 2020 22:22

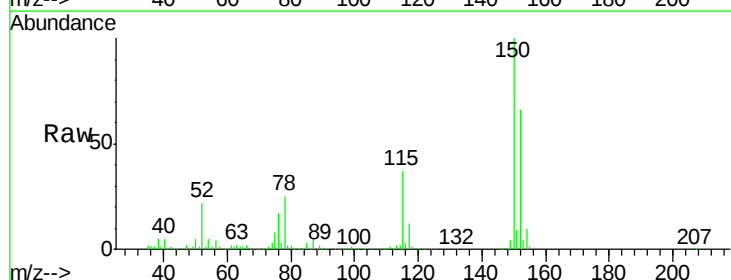
Tgt Ion:152 Resp: 151400

Ion Ratio Lower Upper

152 100

115 57.6 30.9 92.5

150 155.6 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

