

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY011320\
 Data File : VY001173.D
 Acq On : 13 Jan 2020 12:20
 Operator : SY/MD
 Sample : L1084-02
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AF-2

Quant Time: Jan 14 10:40:35 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	151785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	280189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	250775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	84368	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
35) Dibromofluoromethane	7.73	113	82568	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.18	98	331409	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.48	95	116770	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

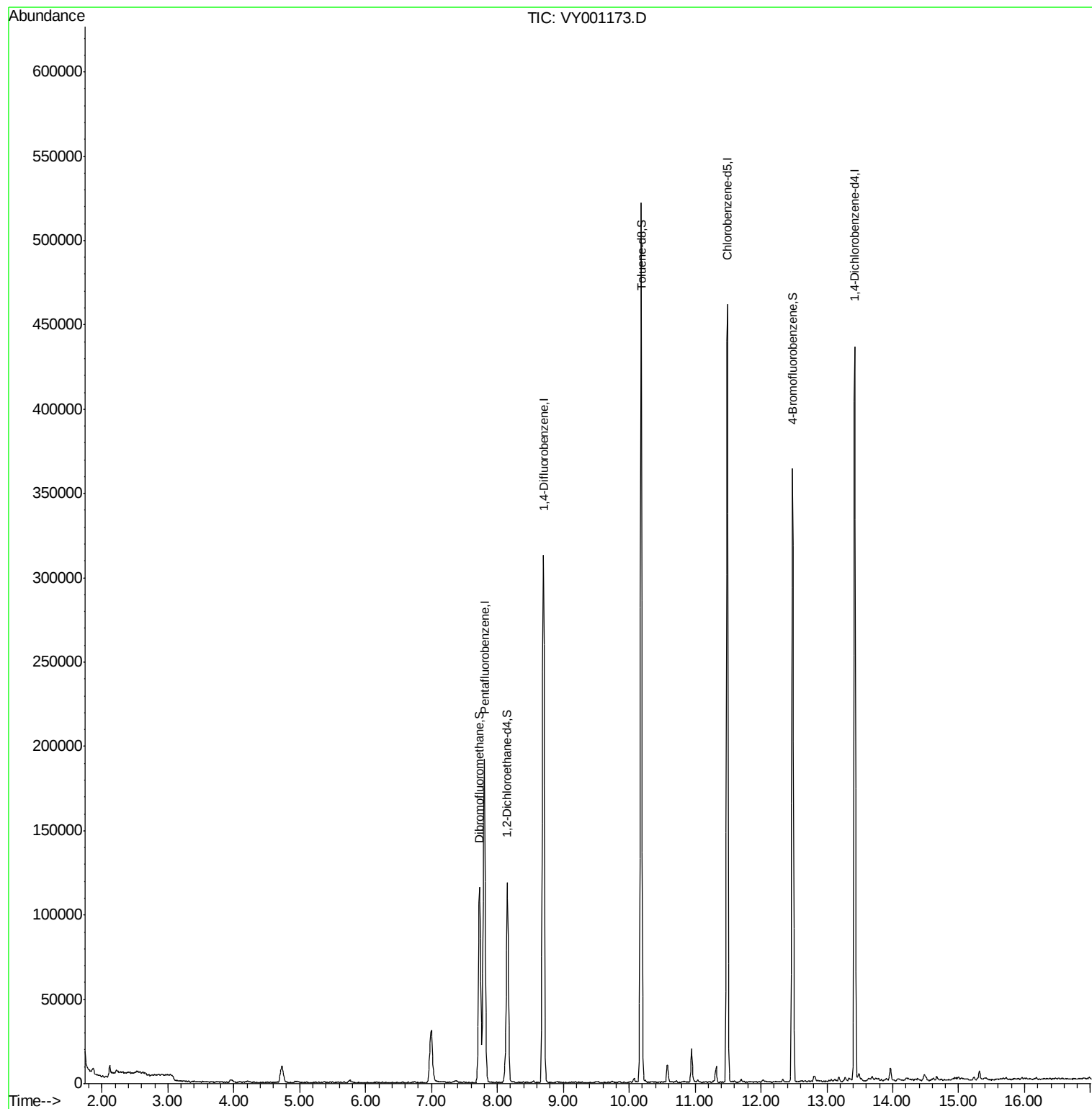
Target Compounds	Qvalue

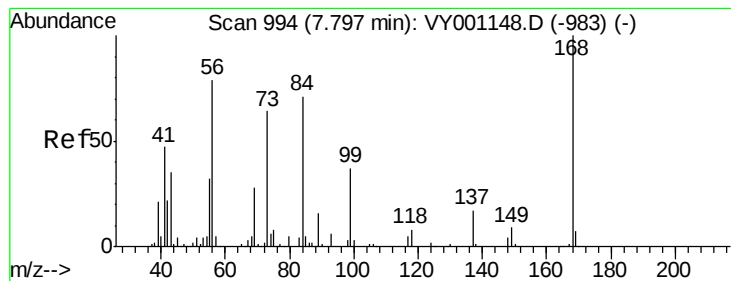
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001173.D

Acq: 13 Jan 2020 12:20

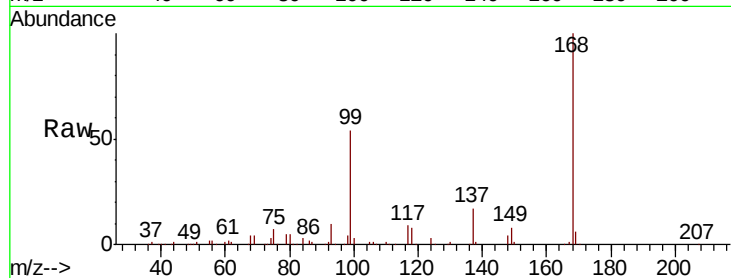
Instrument :
MSVOA_Y
ClientSampleId :
AF-2

Tot Ion:168 Resp: 151785

Ion Ratio Lower Upper

168 100

99 54.5 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

60000

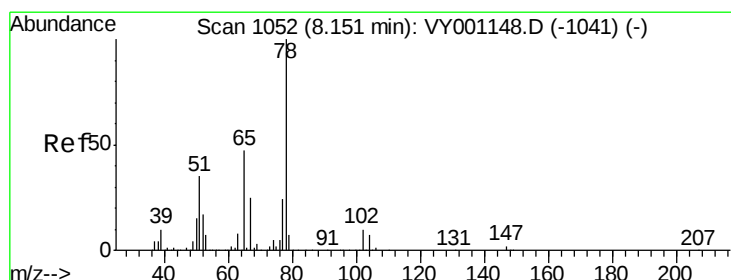
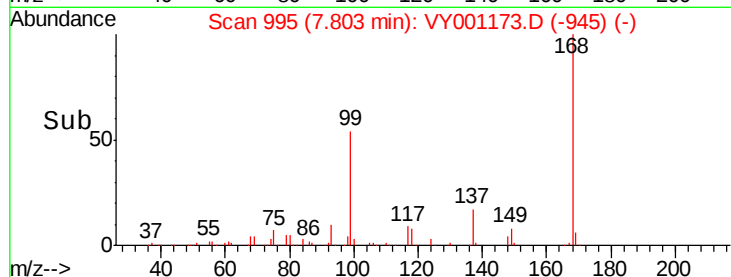
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.628 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001173.D

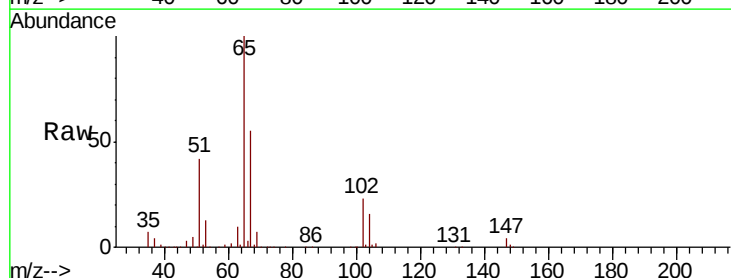
Acq: 13 Jan 2020 12:20

Tgt Ion: 65 Resp: 84368

Ion Ratio Lower Upper

65 100

67 54.9 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) (-)

8.15

40000

30000

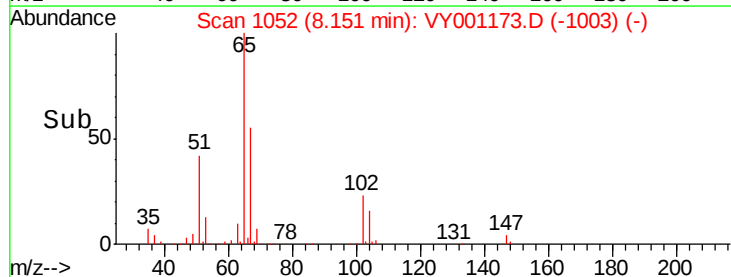
20000

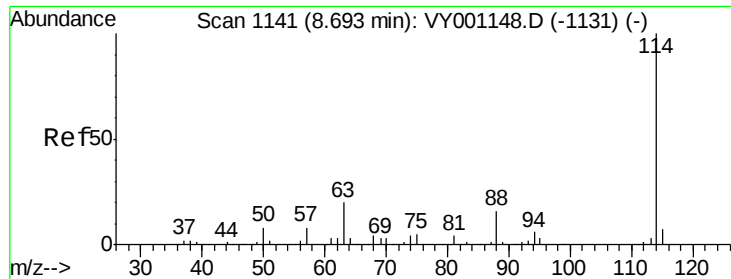
10000

0

8.10 8.20

Time-->

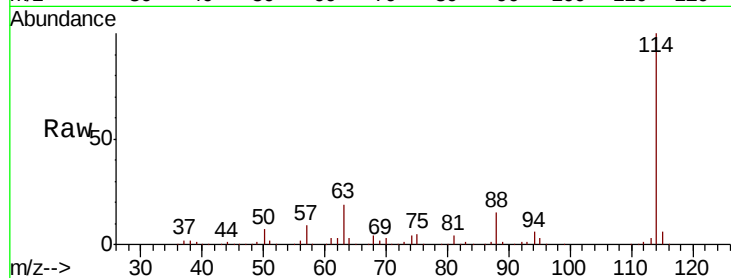




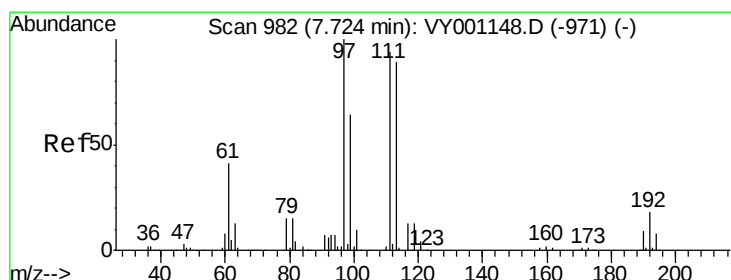
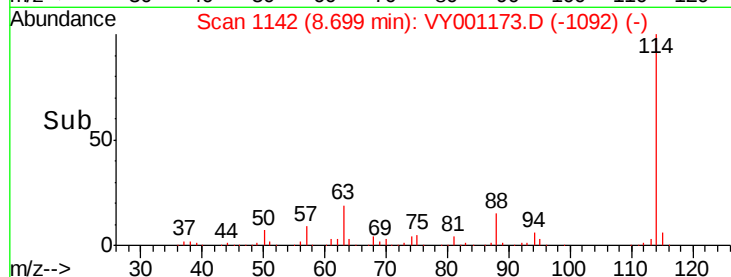
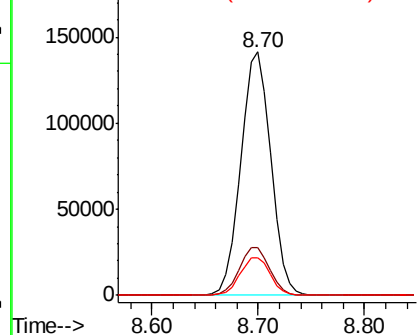
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001173.D
 Acq: 13 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 AF-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.8
88	15.3	0.0	32.4

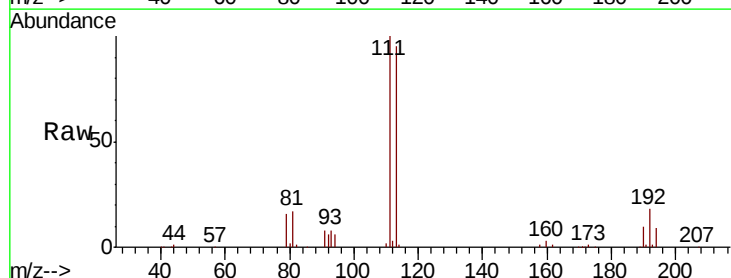


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

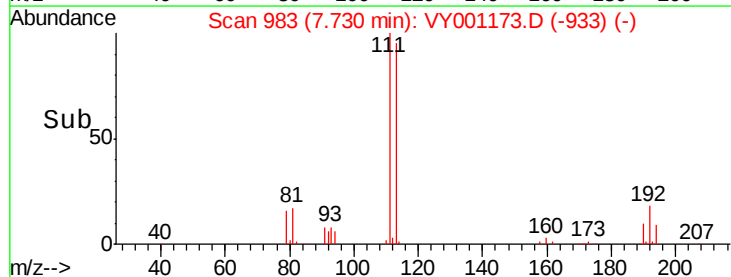
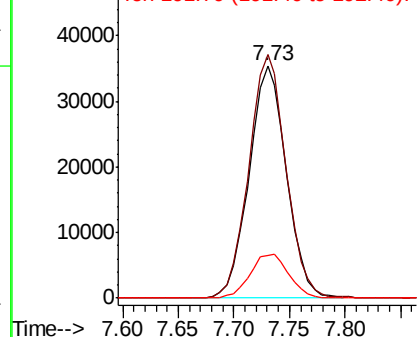


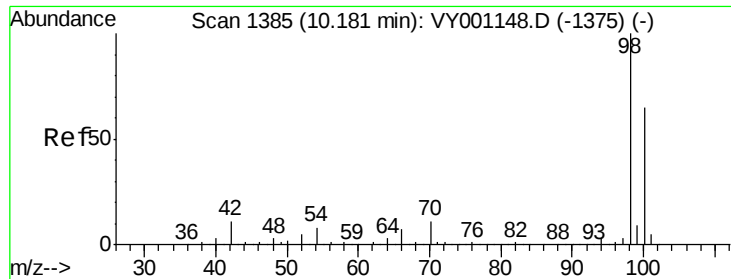
#35
 Dibromofluoromethane
 Concen: 50.331 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001173.D
 Acq: 13 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.9	124.3
192	19.8	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: 52.429 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001173.D

Acq: 13 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

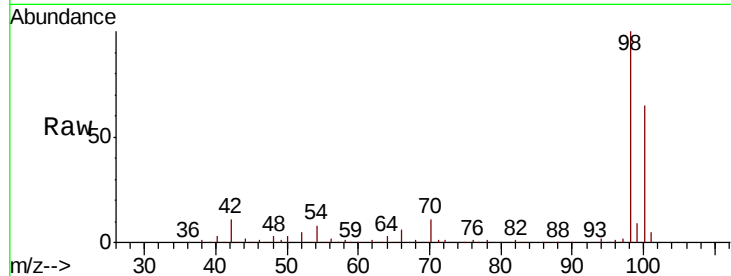
AF-2

Tot Ion: 98 Resp: 331409

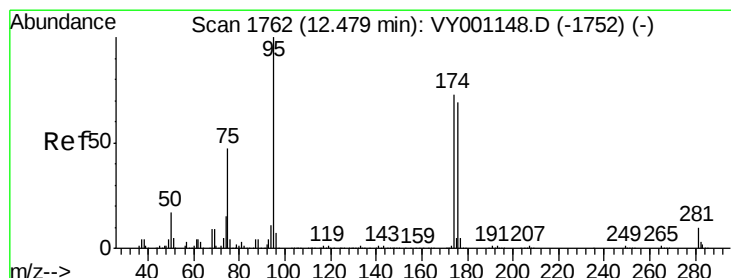
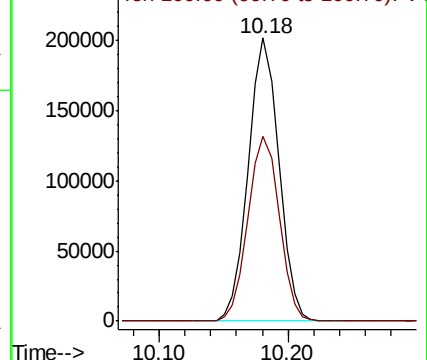
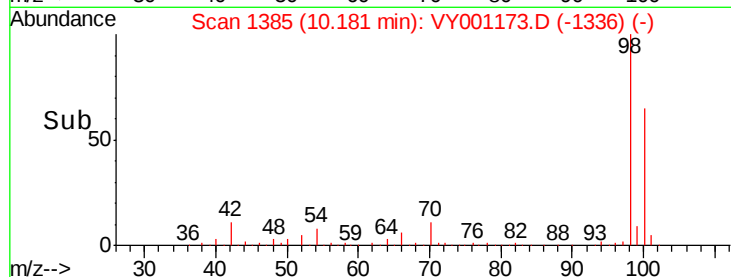
Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001173.D (-1336) (-)



#62

4-Bromofluorobenzene

Concen: 45.185 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001173.D

Acq: 13 Jan 2020 12:20

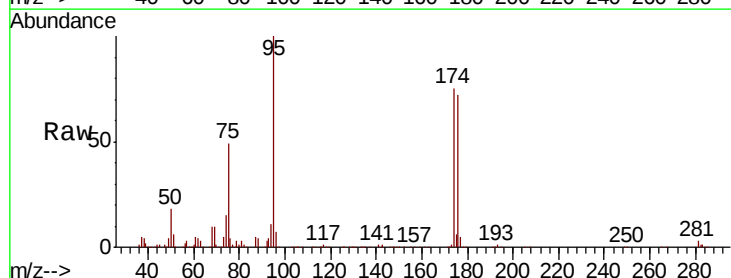
Tgt Ion: 95 Resp: 116770

Ion Ratio Lower Upper

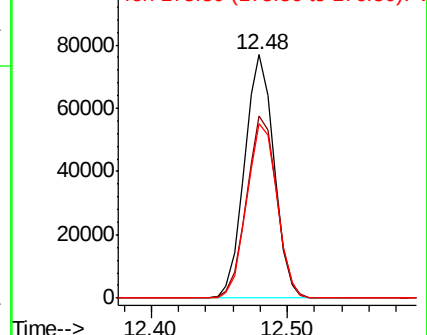
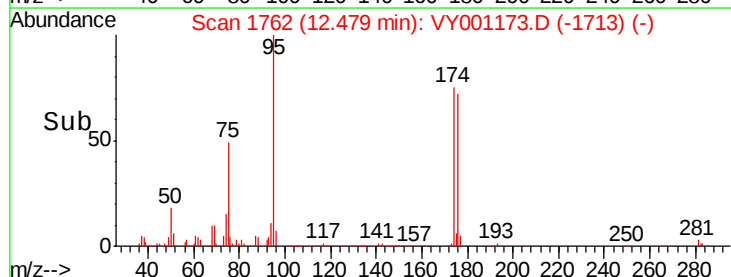
95 100

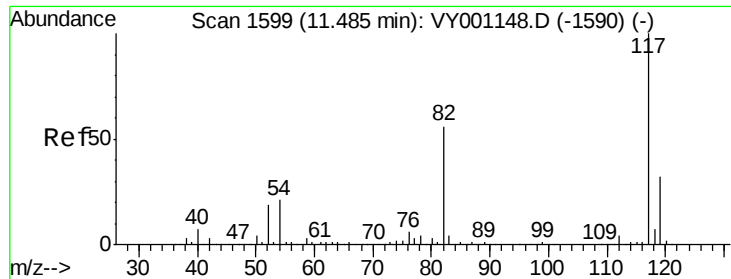
174 76.4 0.0 143.2

176 74.2 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001173.D (-1713) (-)

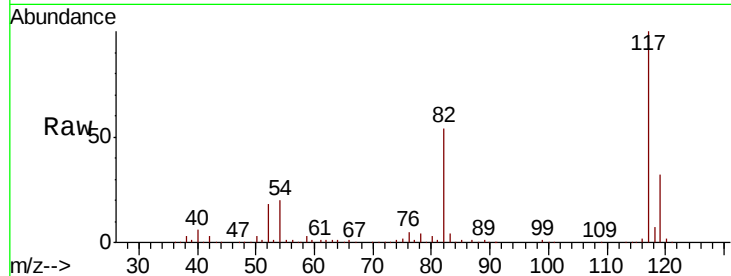




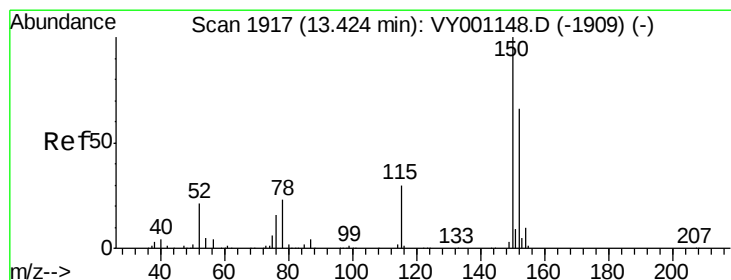
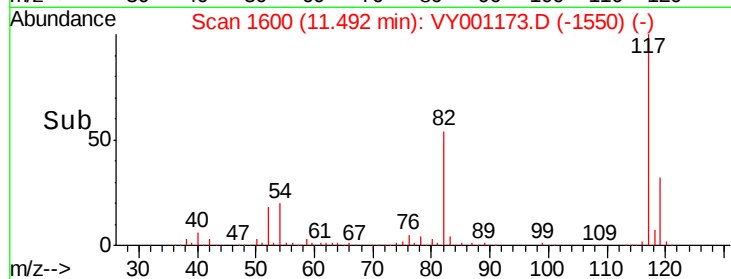
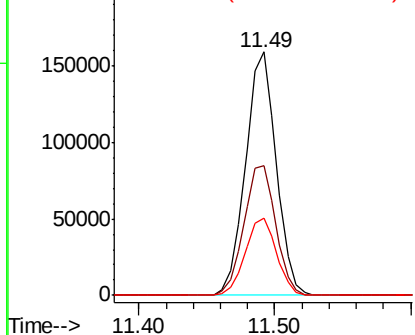
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
AF-2

Tot Ion:117 Resp: 250775
Ion Ratio Lower Upper
117 100
82 53.5 44.9 67.3
119 31.8 25.7 38.5

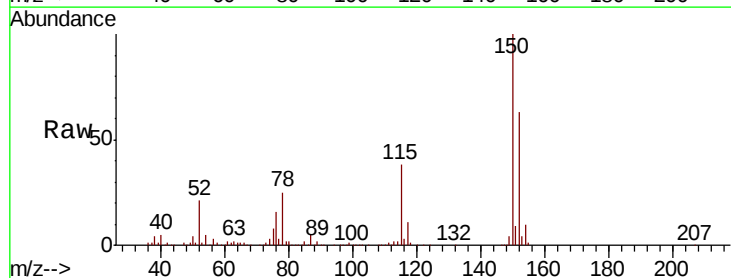


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion:152 Resp: 108447
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.5
150 158.3 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

