

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003568.D
 Acq On : 20 Nov 2020 15:26
 Operator : SY/MD
 Sample : L4839-02
 Misc : 9.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B5-7-8

Quant Time: Nov 21 02:29:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	111211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	235969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	216592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	93460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	80543	69.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.50%
35) Dibromofluoromethane	7.72	113	80816	52.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.20%
50) Toluene-d8	10.18	98	291762	48.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.74%
62) 4-Bromofluorobenzene	12.48	95	86642	45.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.52%

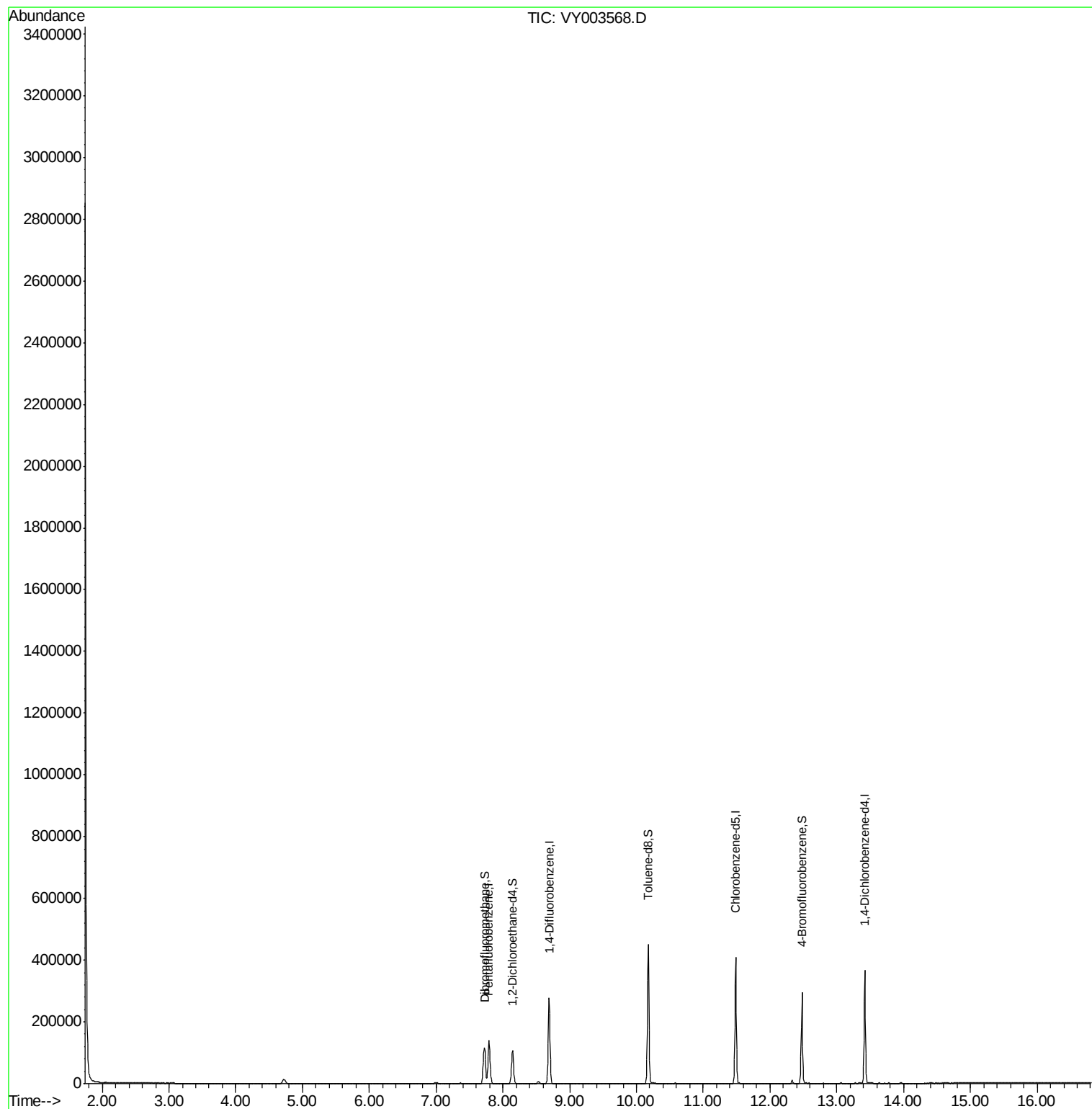
Target Compounds	Qvalue
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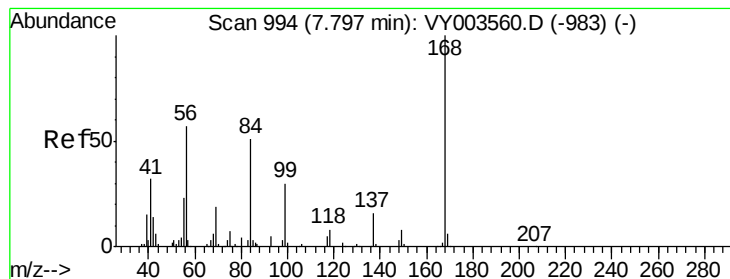
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003568.D

Acq: 20 Nov 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

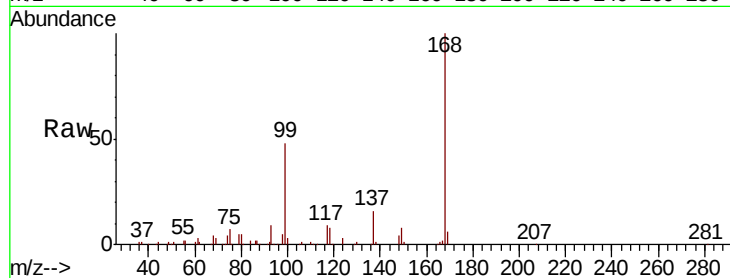
B5-7-8

Tot Ion:168 Resp: 111211

Ion Ratio Lower Upper

168 100

99 48.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003568.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003568.D (-945) (-)

7.79

60000

50000

40000

30000

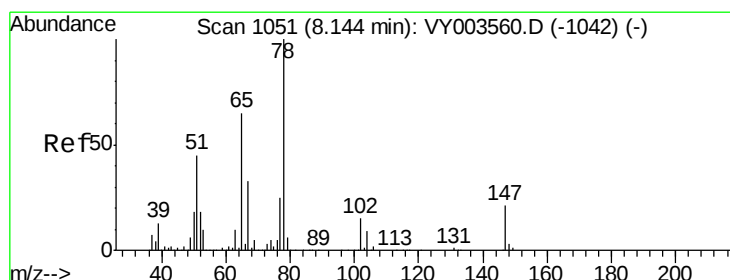
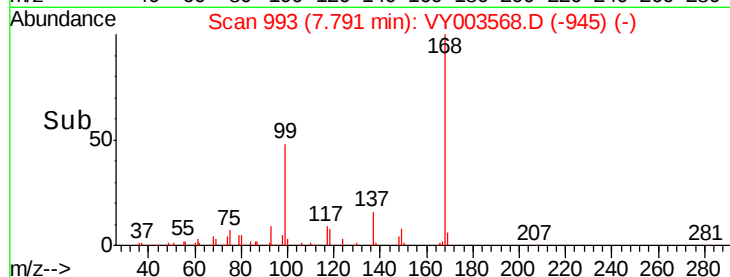
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 69.750 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003568.D

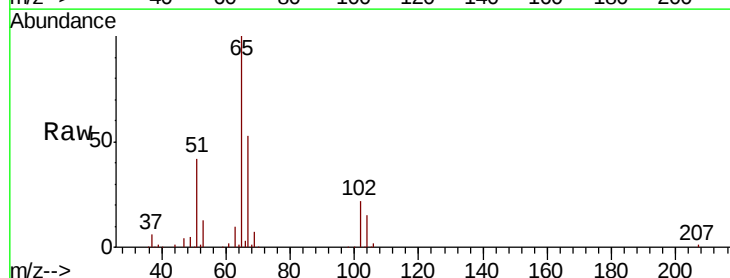
Acq: 20 Nov 2020 15:26

Tgt Ion: 65 Resp: 80543

Ion Ratio Lower Upper

65 100

67 53.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VY003568.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003568.D (-1002) (-)

8.14

40000

30000

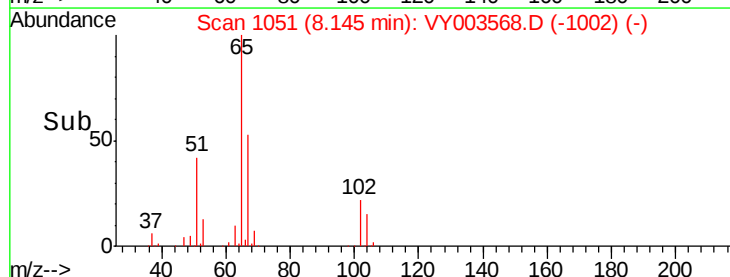
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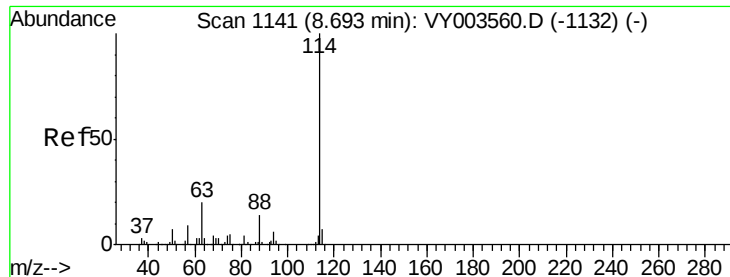
10000

0

8.10 8.20

Time-->

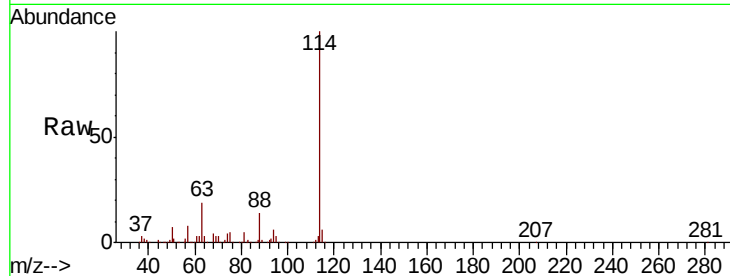




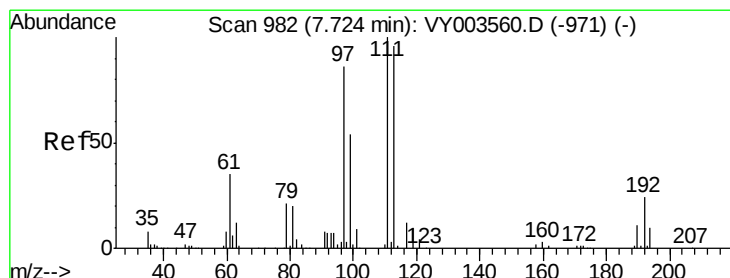
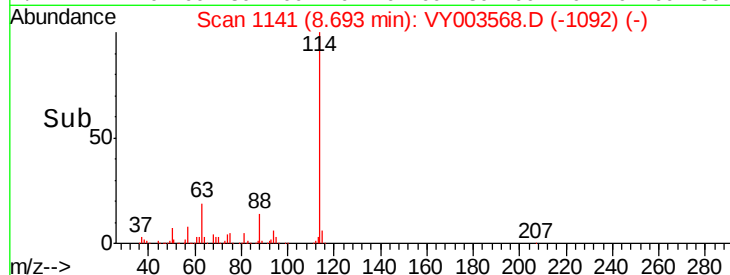
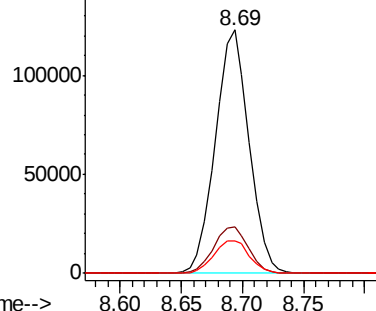
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003568.D
Acq: 20 Nov 2020 15:26

Instrument :
MSVOA_Y
ClientSampleId :
B5-7-8

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.8
88	13.6	0.0	29.0

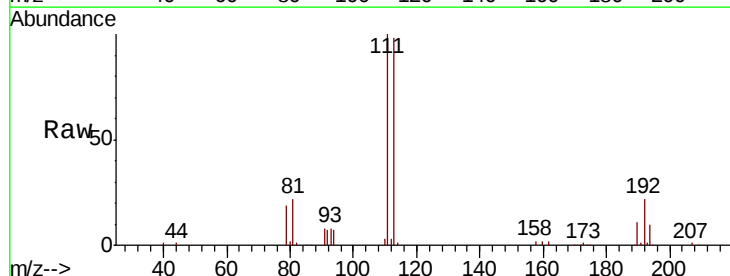


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

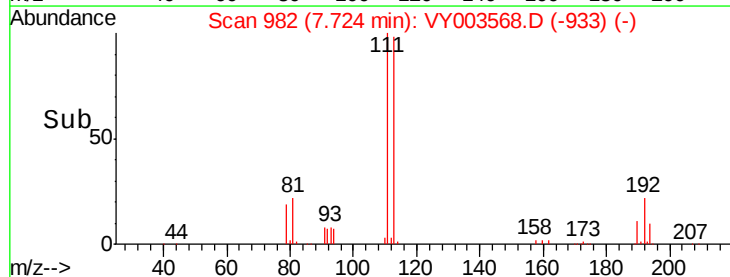
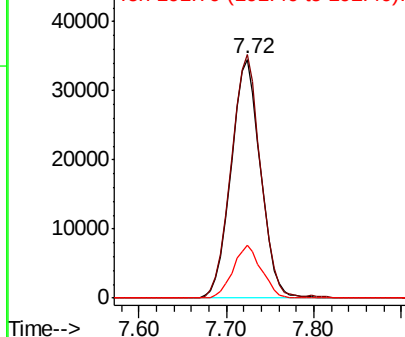


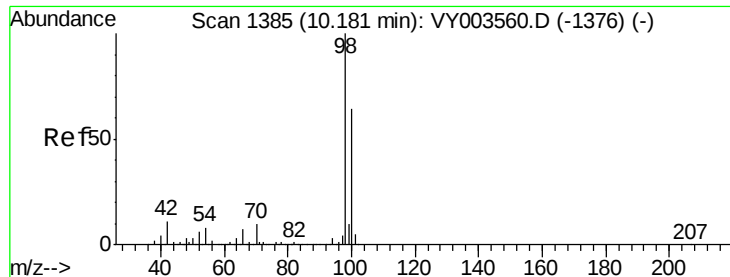
#35
Dibromofluoromethane
Concen: 52.102 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003568.D
Acq: 20 Nov 2020 15:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	21.4	18.1	27.1



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: 48.373 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003568.D

Acq: 20 Nov 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

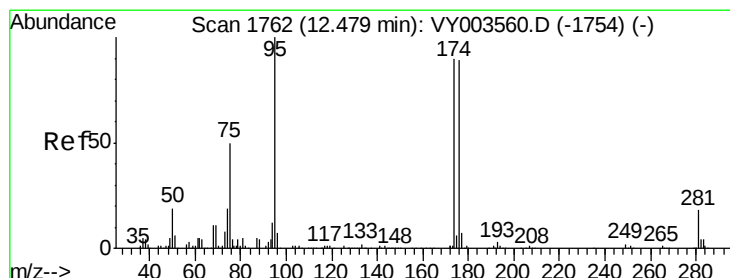
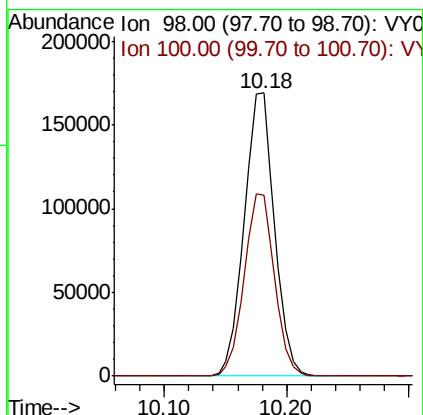
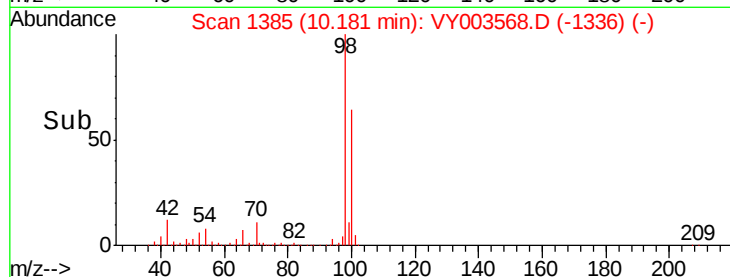
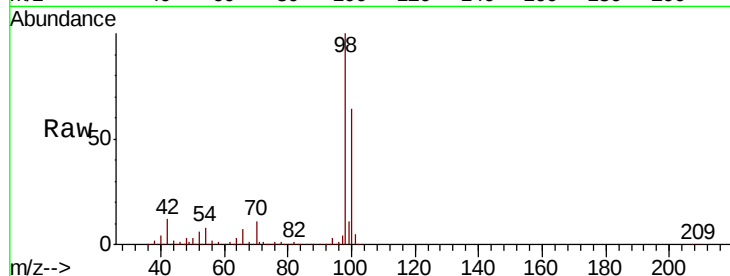
B5-7-8

Tot Ion: 98 Resp: 291762

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 45.264 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003568.D

Acq: 20 Nov 2020 15:26

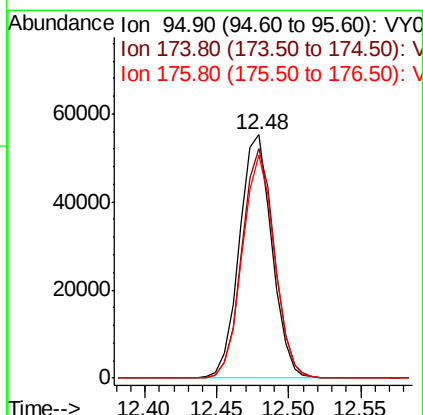
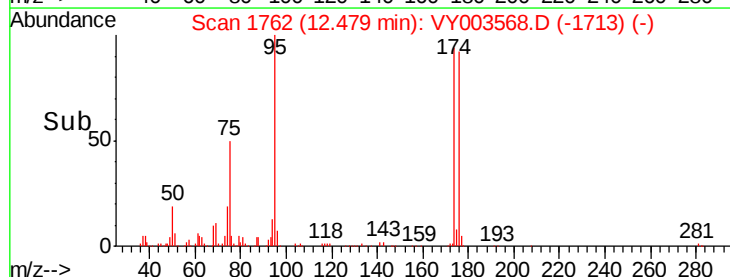
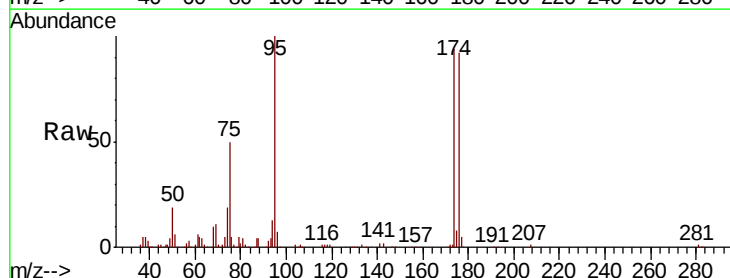
Tgt Ion: 95 Resp: 86642

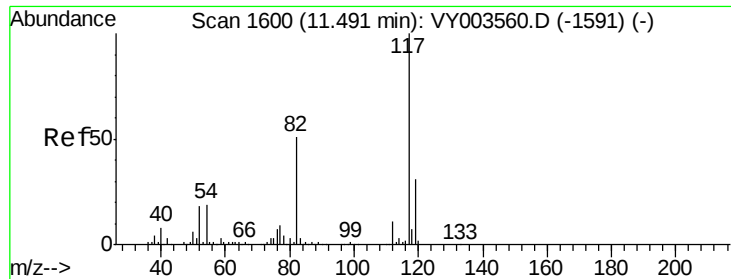
Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.0

176 90.4 0.0 180.4

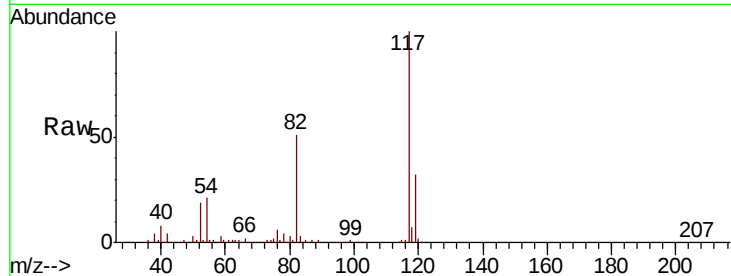




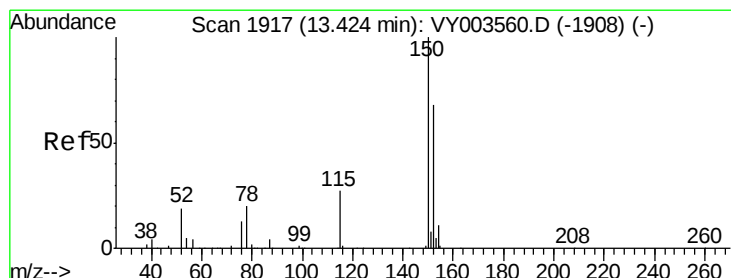
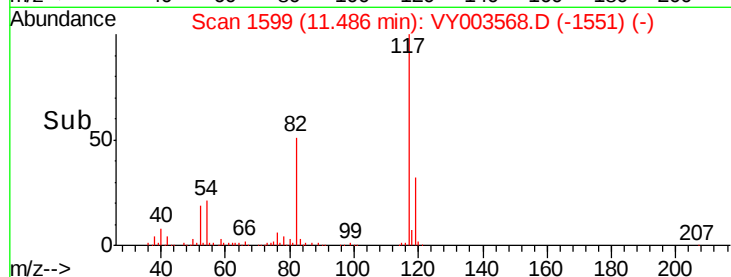
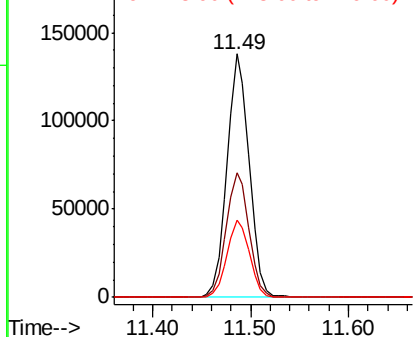
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003568.D
Acq: 20 Nov 2020 15:26

Instrument :
MSVOA_Y
ClientSampleId :
B5-7-8

Tot Ion:117 Resp: 216592
Ion Ratio Lower Upper
117 100
82 51.1 41.0 61.6
119 31.8 25.0 37.6

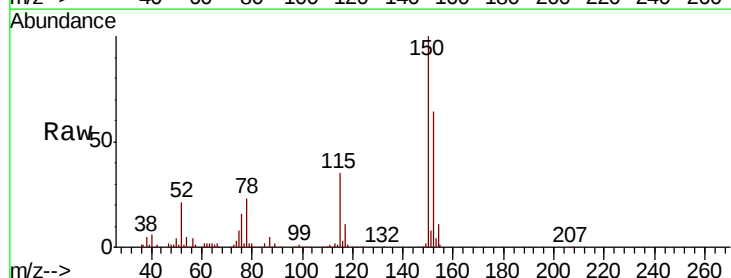


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003568.D
Acq: 20 Nov 2020 15:26

Tgt Ion:152 Resp: 93460
Ion Ratio Lower Upper
152 100
115 53.4 27.4 82.0
150 155.4 0.0 349.6



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

