

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001562.D
 Acq On : 07 Feb 2020 18:15
 Operator : SY/MD
 Sample : L1403-04
 Misc : 11.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-4-4.5

Quant Time: Feb 08 03:39:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	170474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125684	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102221	59.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.10%	
35) Dibromofluoromethane	7.75	113	89954	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
50) Toluene-d8	10.19	98	363913	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.49	95	128695	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

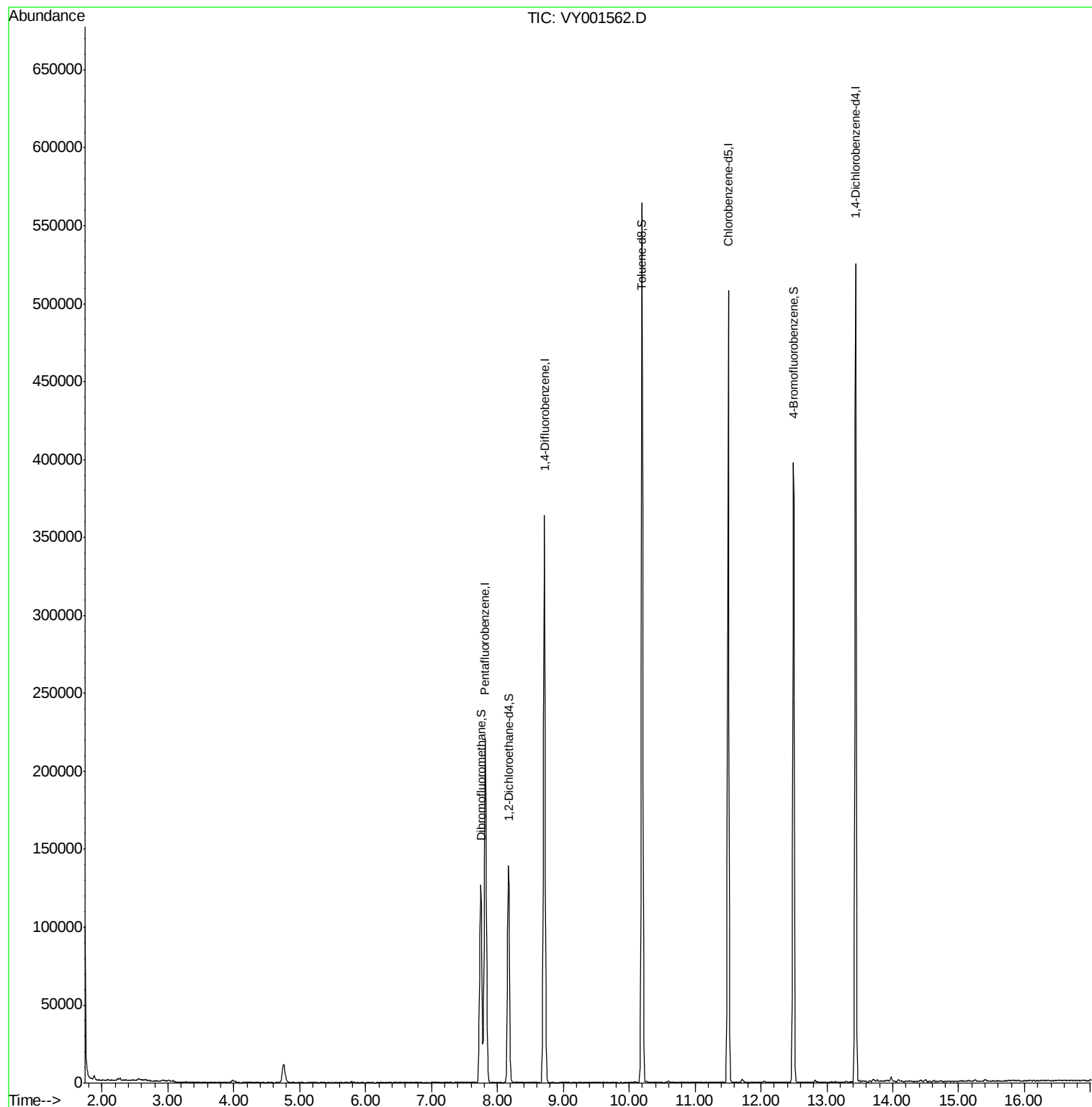
Target Compounds	Qvalue
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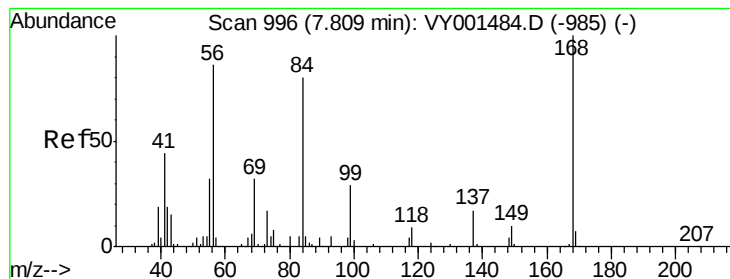
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

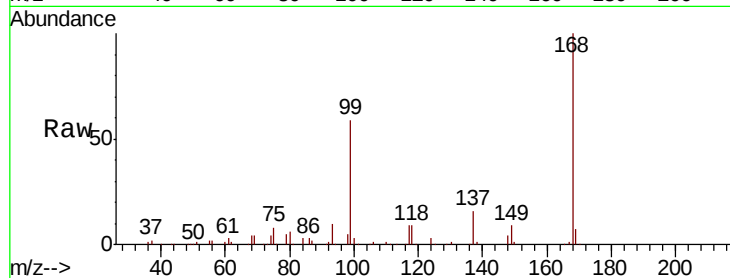
SB-4-4-4.5

Tot Ion:168 Resp: 170474

Ion Ratio Lower Upper

168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001562.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001562.D (-947) (-)

7.82

80000

60000

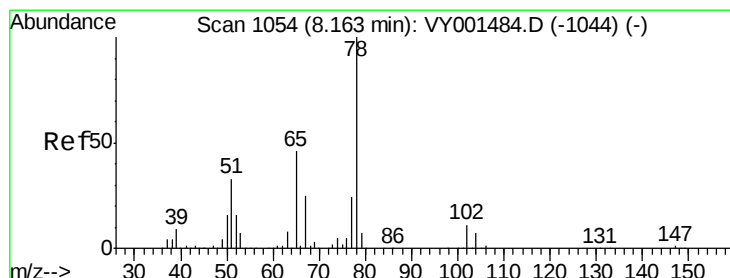
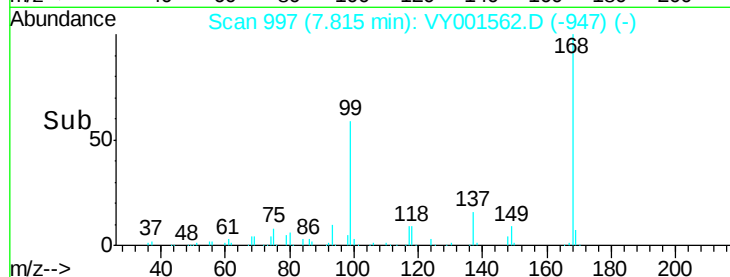
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 59.555 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001562.D

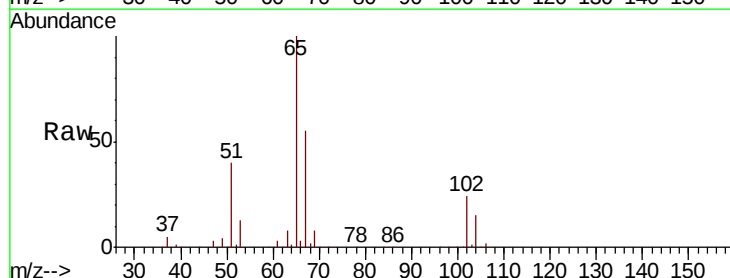
Acq: 07 Feb 2020 18:15

Tgt Ion: 65 Resp: 102221

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001562.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001562.D (-1005) (-)

8.17

50000

40000

30000

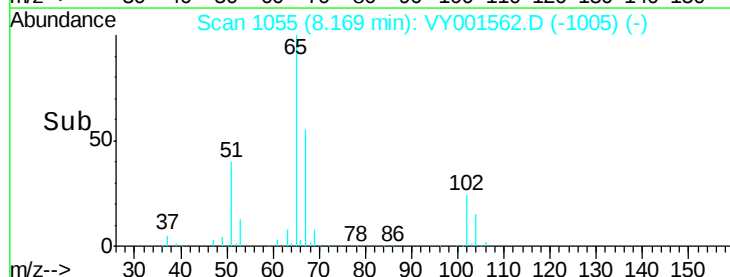
20000

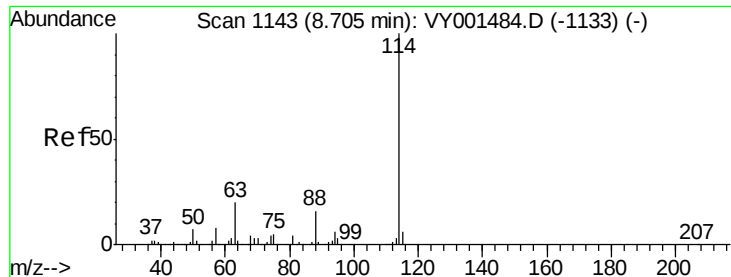
10000

0

Time-->

8.05 8.10 8.15 8.20 8.25

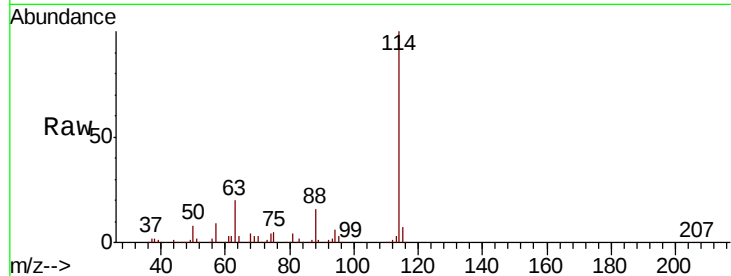




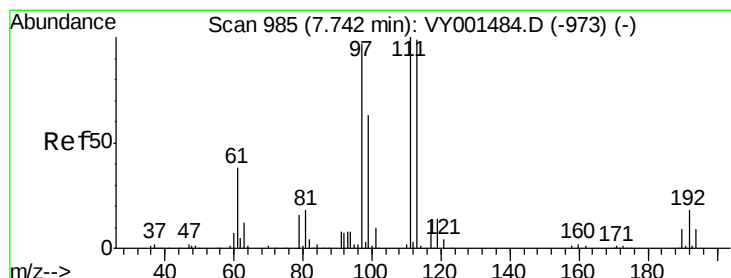
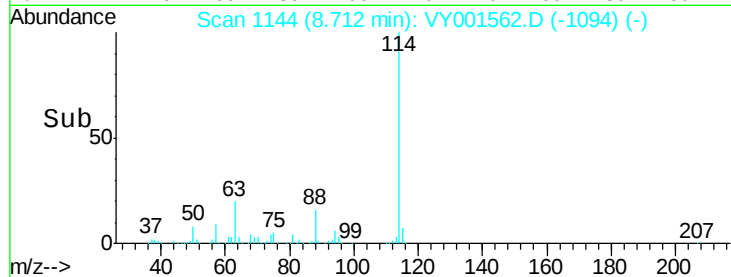
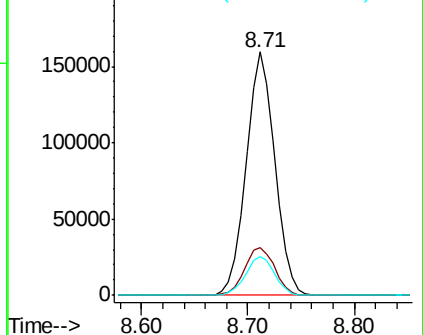
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001562.D
 Acq: 07 Feb 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-4-4.5

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.8
88	15.8	0.0	32.6

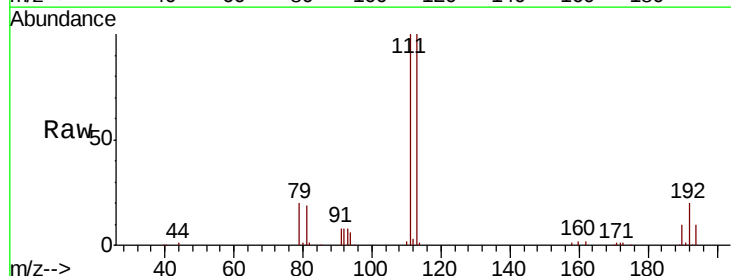


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

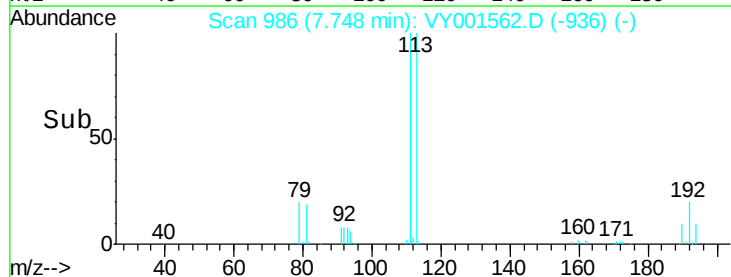
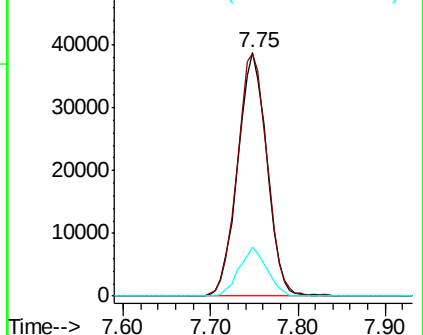


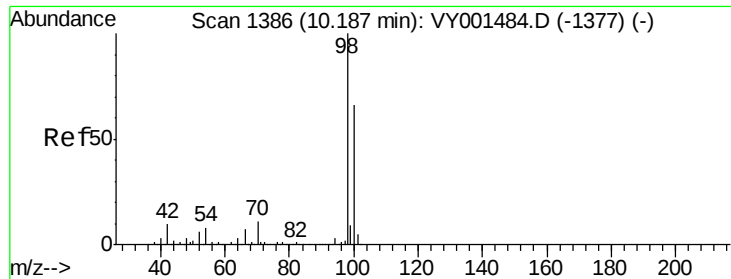
#35
 Dibromofluoromethane
 Concen: 51.771 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001562.D
 Acq: 07 Feb 2020 18:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	19.1	14.6	22.0



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: 55.357 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

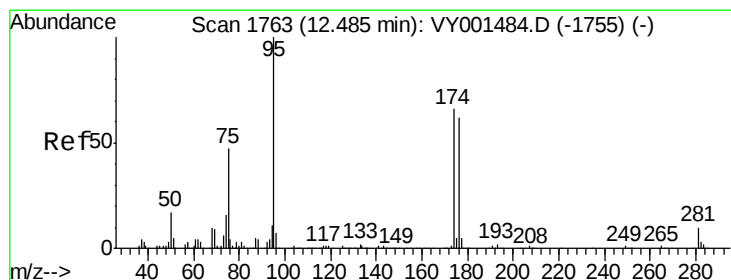
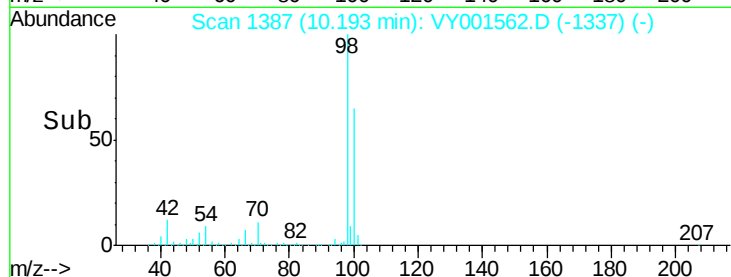
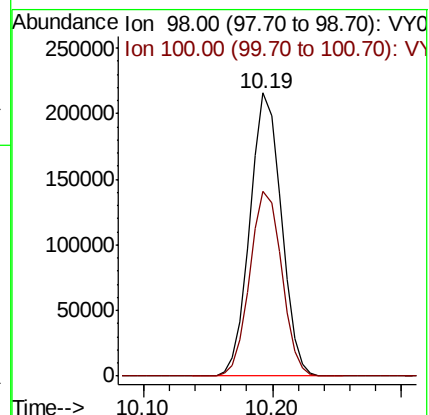
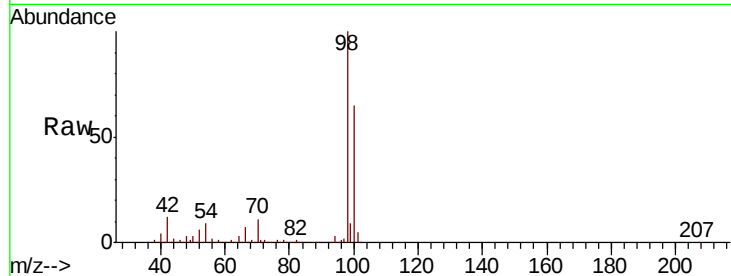
SB-4-4-4.5

Tot Ion: 98 Resp: 363913

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 49.694 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

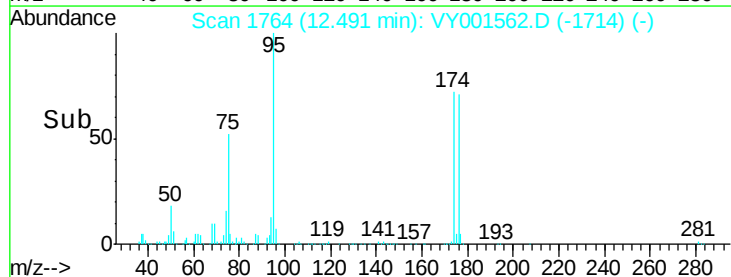
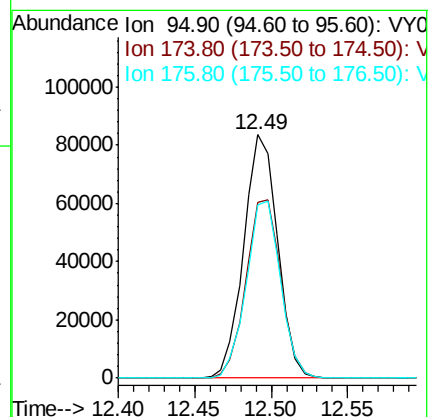
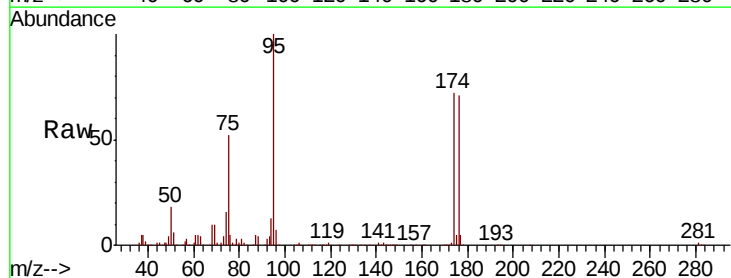
Tgt Ion: 95 Resp: 128695

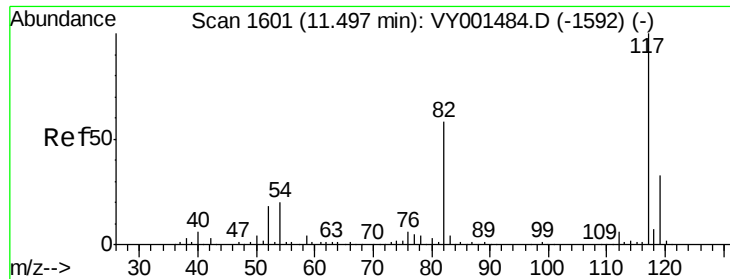
Ion Ratio Lower Upper

95 100

174 75.6 0.0 141.4

176 73.6 0.0 135.4

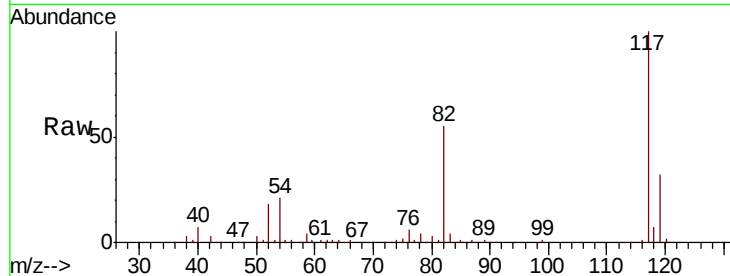




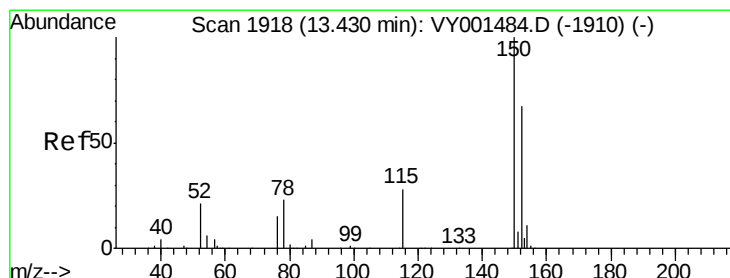
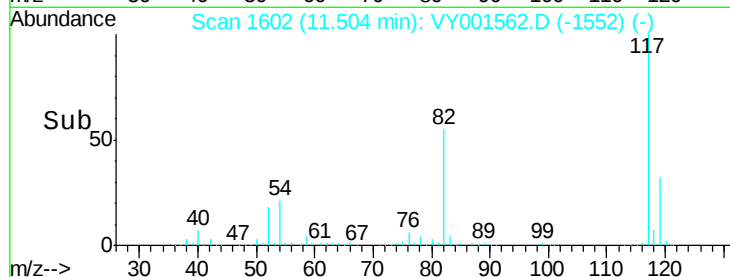
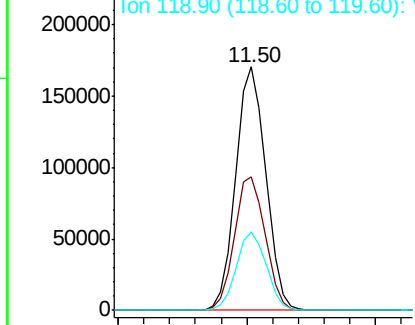
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001562.D
Acq: 07 Feb 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-4-4.5

Tot Ion:117 Resp: 275690
Ion Ratio Lower Upper
117 100
82 55.1 46.1 69.1
119 32.2 26.1 39.1

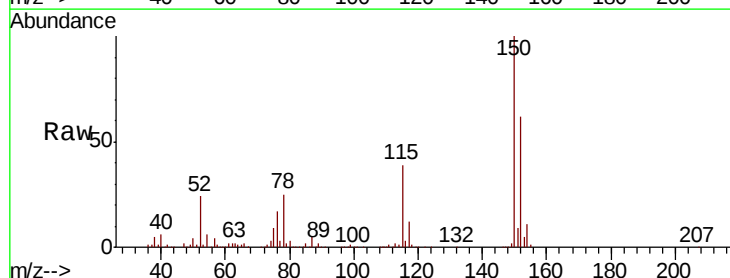


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001562.D
Acq: 07 Feb 2020 18:15

Tgt Ion:152 Resp: 125684
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.3
150 159.1 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

