

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003489.D
 Acq On : 03 Nov 2020 14:02
 Operator : SY/MD
 Sample : L4541-09
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2015

Quant Time: Nov 04 00:46:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	4064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	6030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	4490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	1549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	2428	58.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.56%	
35) Dibromofluoromethane	7.72	113	1729	47.12	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	10.18	98	6953	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
62) 4-Bromofluorobenzene	12.48	95	1646	32.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.08%	

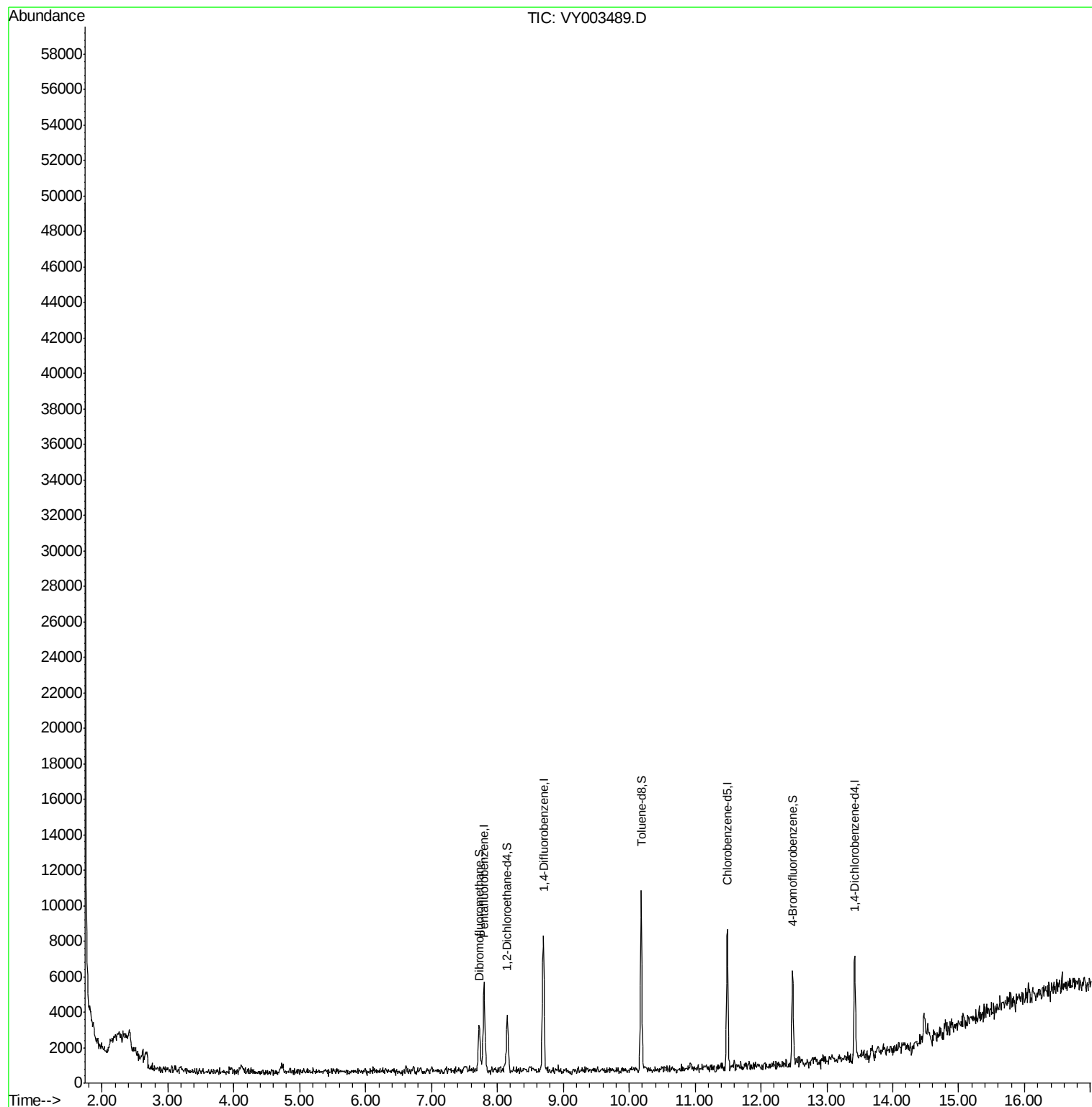
Target Compounds Qvalue

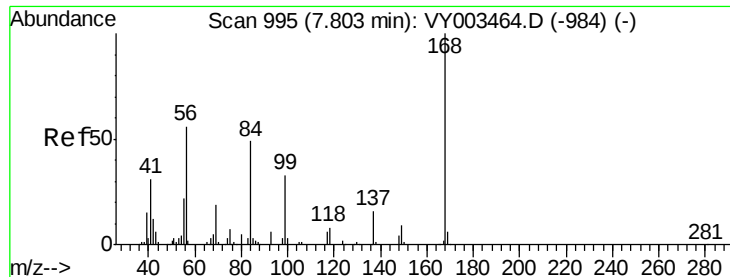
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003489.D

Acq: 03 Nov 2020 14:02

Instrument :

MSVOA_Y

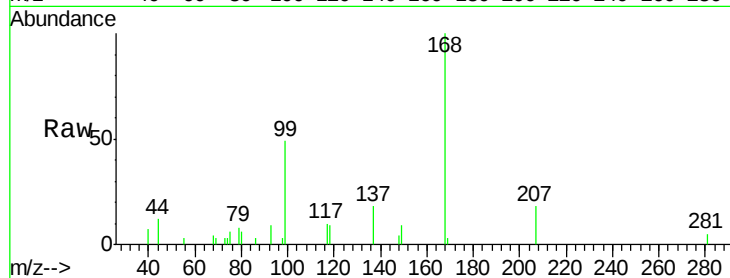
ClientSampled :
2015

Tot Ion:168 Resp: 4064

Ion Ratio Lower Upper

168 100

99 48.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

2000

1500

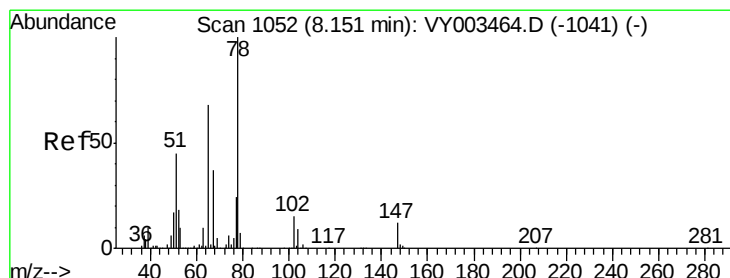
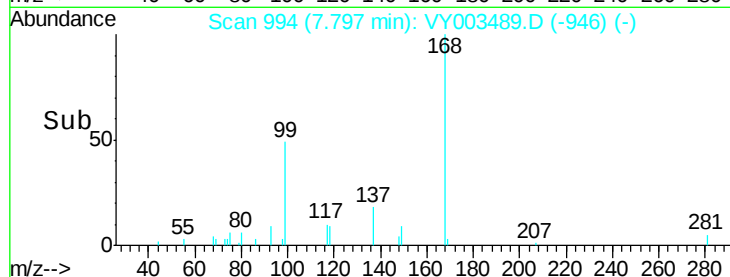
1000

500

0

7.75 7.80 7.85

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.276 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY003489.D

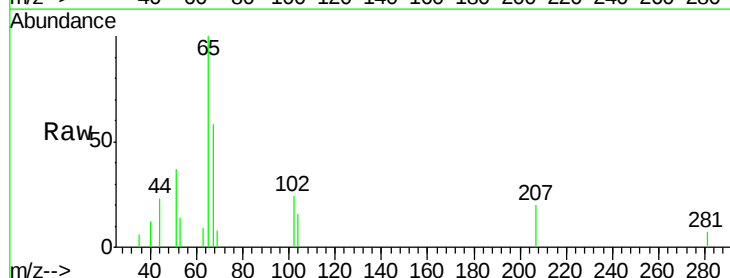
Acq: 03 Nov 2020 14:02

Tgt Ion: 65 Resp: 2428

Ion Ratio Lower Upper

65 100

67 55.2 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY003464.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003464.D (-1041) (-)

8.15

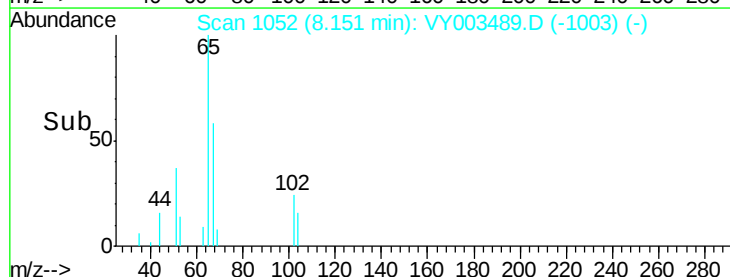
1000

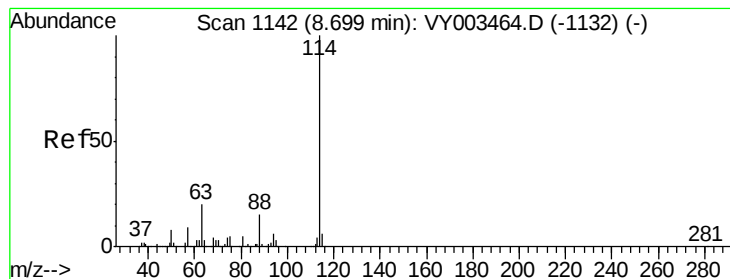
500

0

8.10 8.15 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY003489.D

Acq: 03 Nov 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

2015

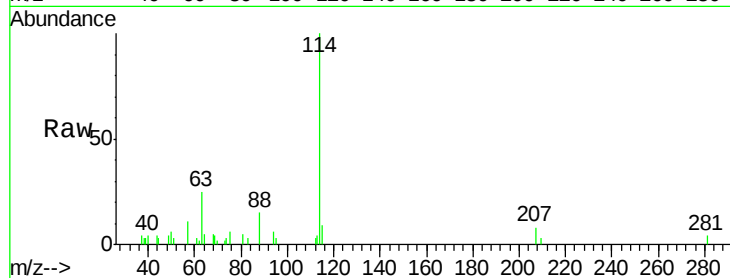
Tot Ion:114 Resp: 6030

Ion Ratio Lower Upper

114 100

63 24.7 0.0 40.6

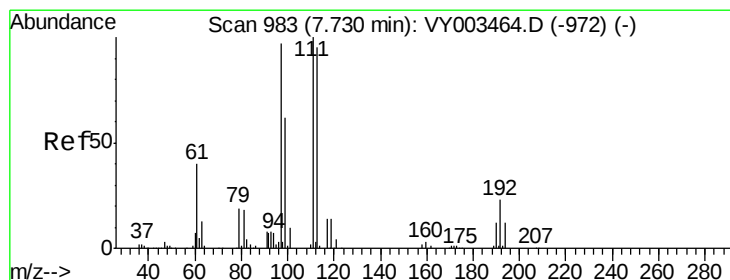
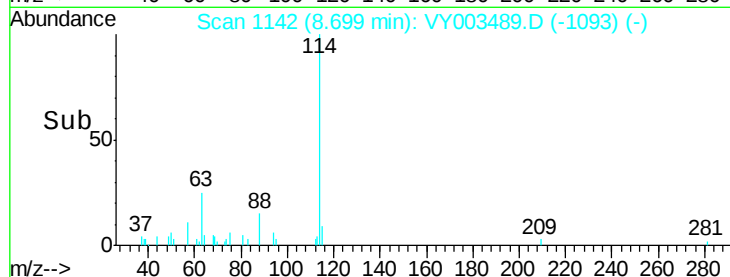
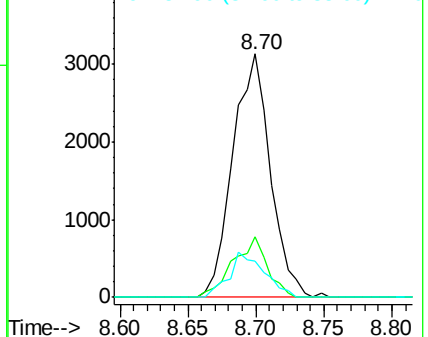
88 14.6 0.0 29.4



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: 47.119 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY003489.D

Acq: 03 Nov 2020 14:02

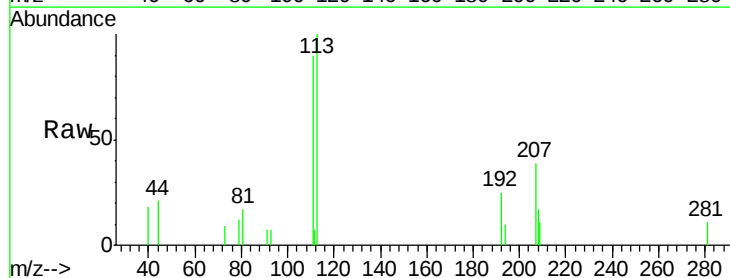
Tgt Ion:113 Resp: 1729

Ion Ratio Lower Upper

113 100

111 106.0 81.8 122.6

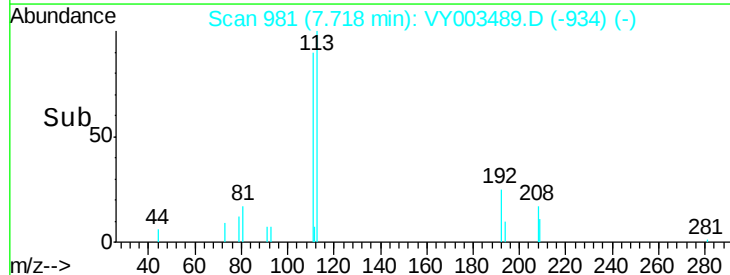
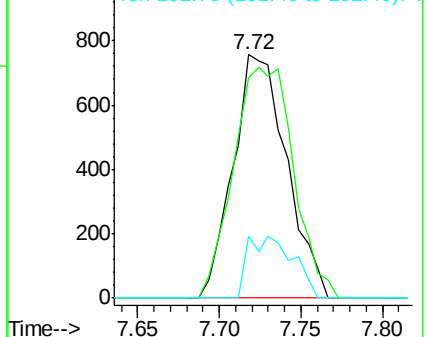
192 21.2 18.8 28.2

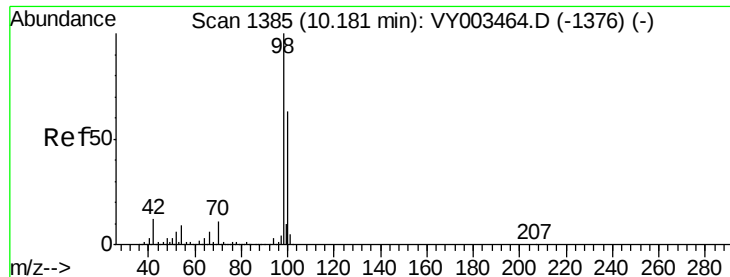


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.549 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003489.D

Acq: 03 Nov 2020 14:02

Instrument :

MSVOA_Y

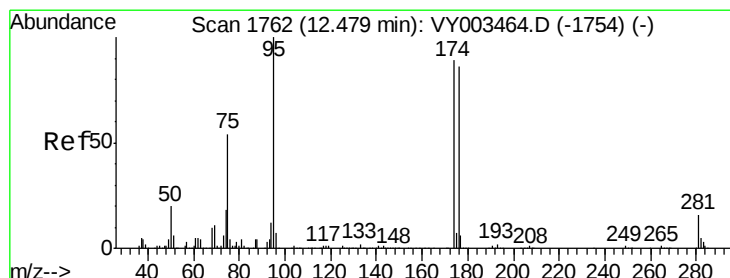
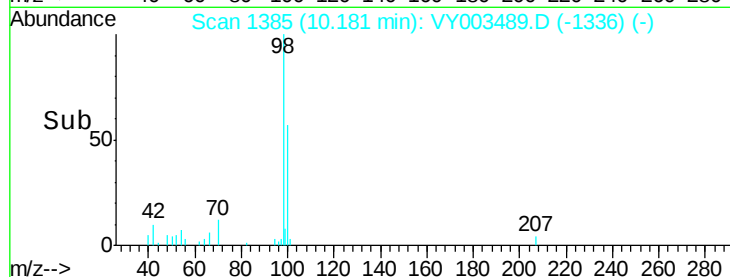
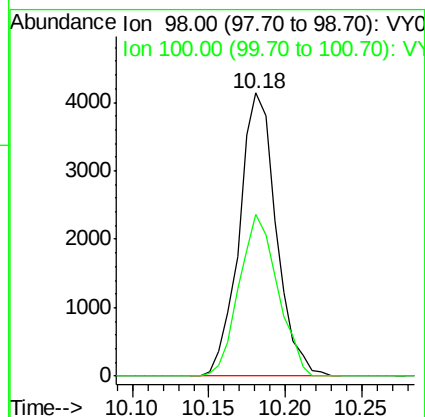
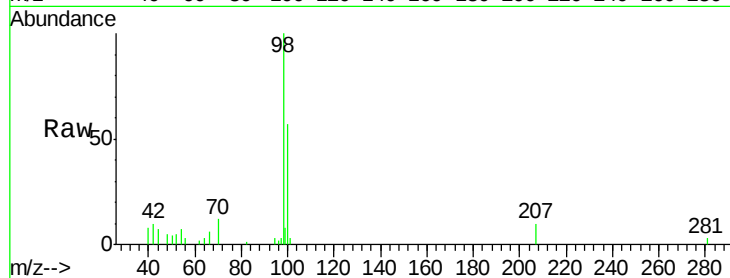
ClientSampleId :
2015

Tot Ion: 98 Resp: 6953

Ion Ratio Lower Upper

98 100

100 59.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 32.544 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003489.D

Acq: 03 Nov 2020 14:02

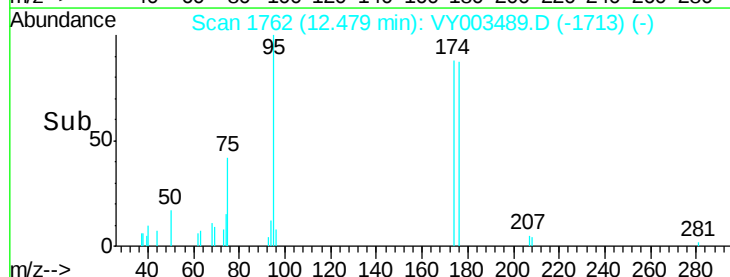
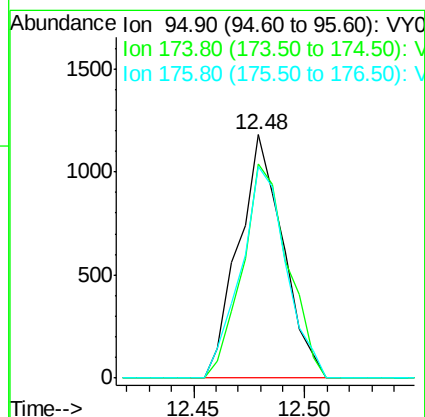
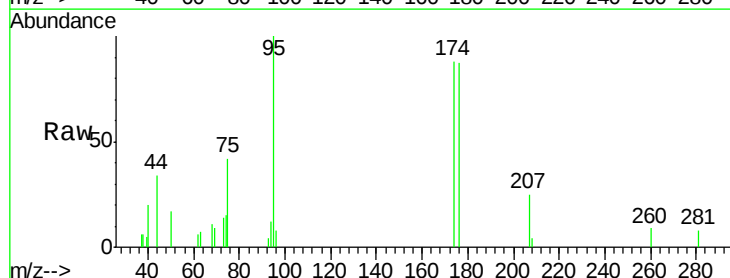
Tgt Ion: 95 Resp: 1646

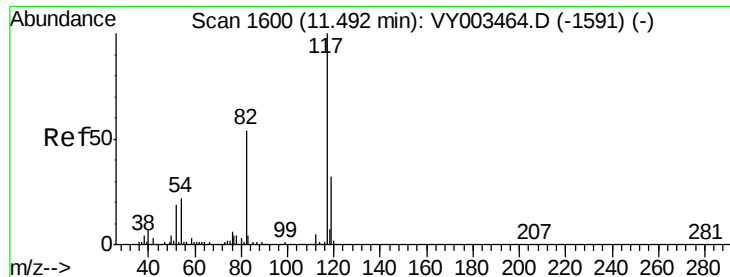
Ion Ratio Lower Upper

95 100

174 89.9 0.0 193.0

176 89.1 0.0 187.4

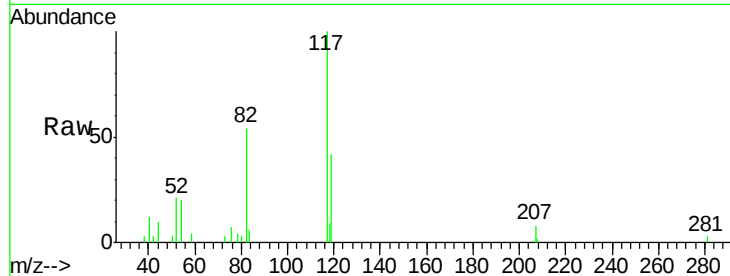




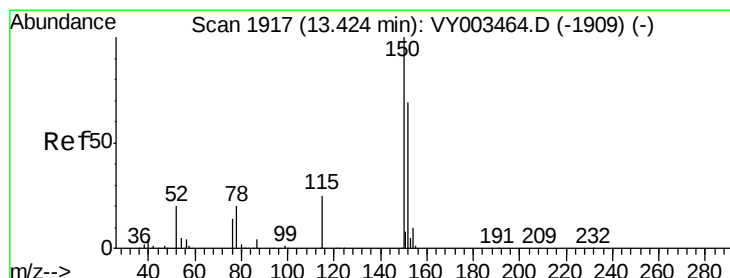
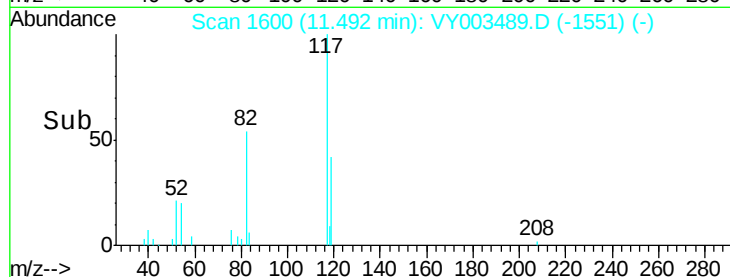
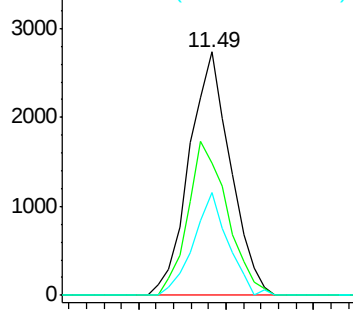
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003489.D
Acq: 03 Nov 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :
2015

Tot Ion:117 Resp: 4490
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 42.1 25.8 38.6#

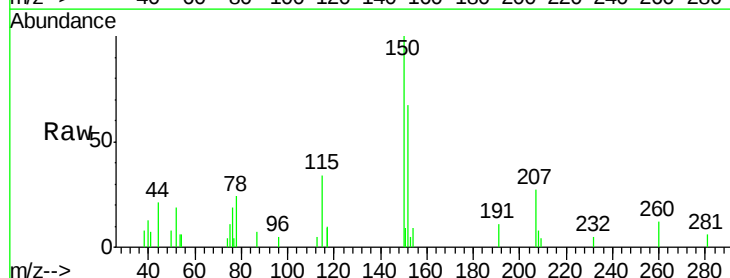


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003489.D
Acq: 03 Nov 2020 14:02

Tgt Ion:152 Resp: 1549
Ion Ratio Lower Upper
152 100
115 56.2 27.5 82.4
150 156.8 0.0 345.8



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

