

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002495.D
 Acq On : 28 Apr 2020 15:27
 Operator : SY/MD
 Sample : L2422-01RE
 Misc : 8.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFRE

Quant Time: Apr 29 00:42:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235997	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	362380	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	318518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	147059	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	110921	53.77	ug/l	-0.01
Spiked Amount						
			Recovery	=		107.54%
35) Dibromofluoromethane	7.74	113	108891	53.27	ug/l	-0.01
Spiked Amount						
			Recovery	=		106.54%
50) Toluene-d8	10.19	98	423395	51.54	ug/l	-0.01
Spiked Amount						
			Recovery	=		103.08%
62) 4-Bromofluorobenzene	12.48	95	127570	46.28	ug/l	0.00
Spiked Amount						
			Recovery	=		92.56%

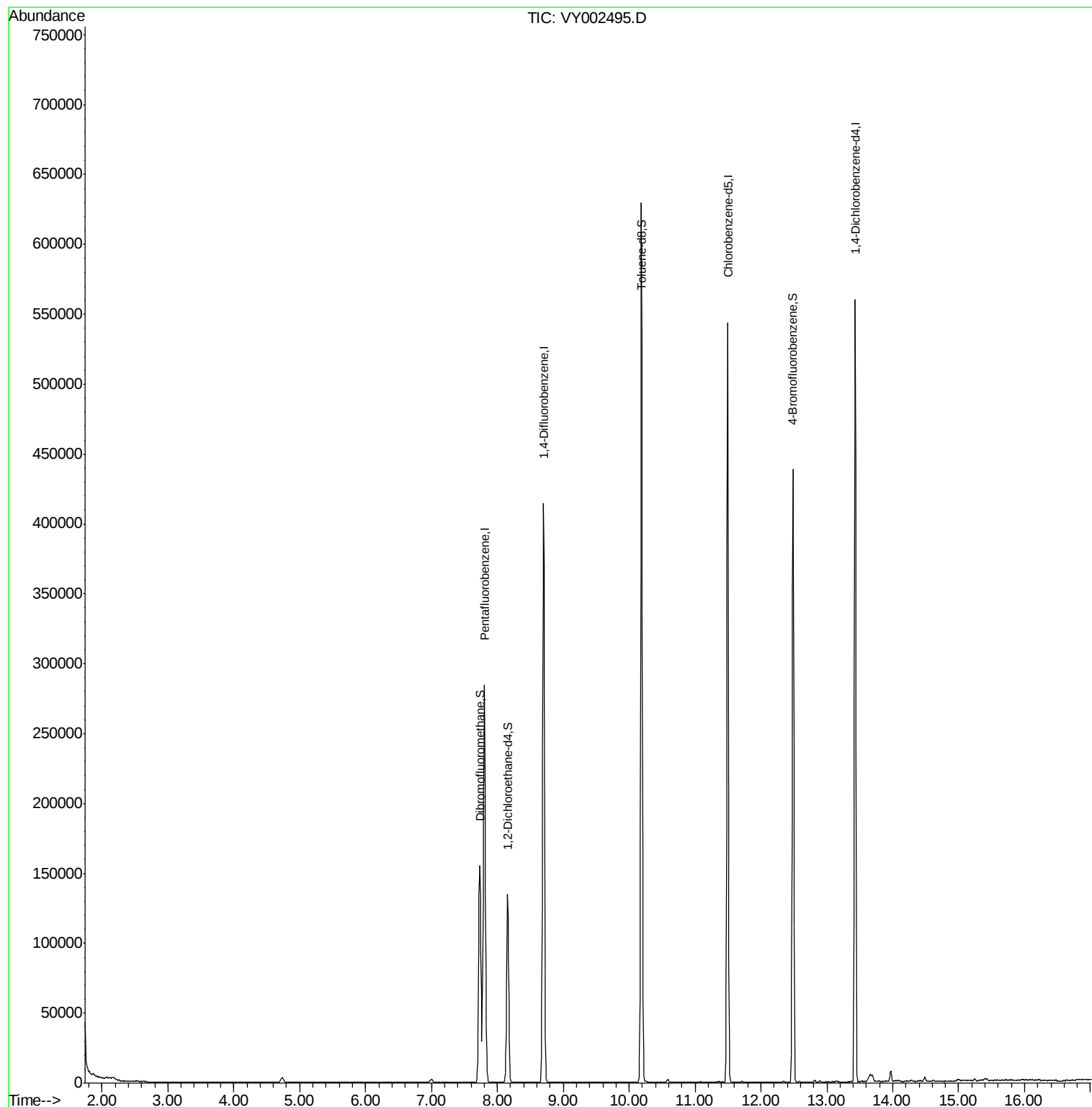
Target Compounds	Qvalue

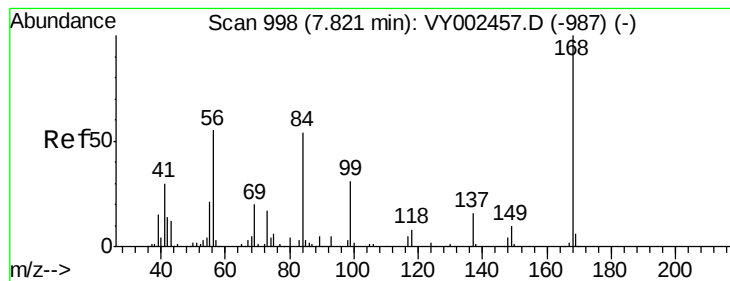
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002495.D

Acq: 28 Apr 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

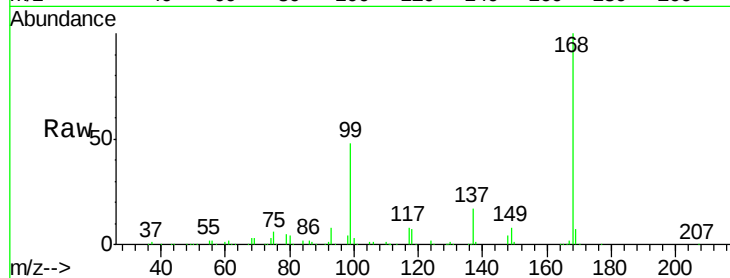
DUCK-ISLAND-ROLLOFFRE

Tot Ion:168 Resp: 235997

Ion Ratio Lower Upper

168 100

99 48.1 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.80

120000

100000

80000

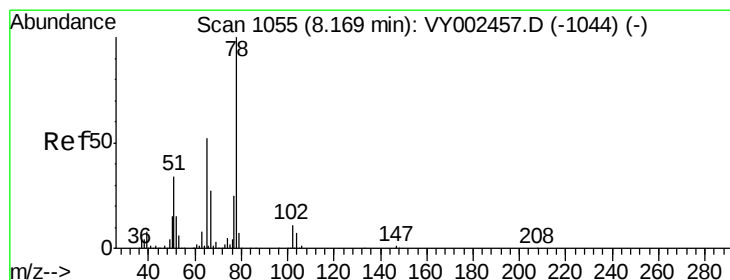
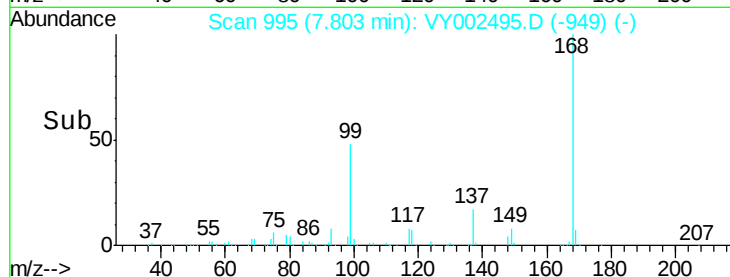
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.775 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002495.D

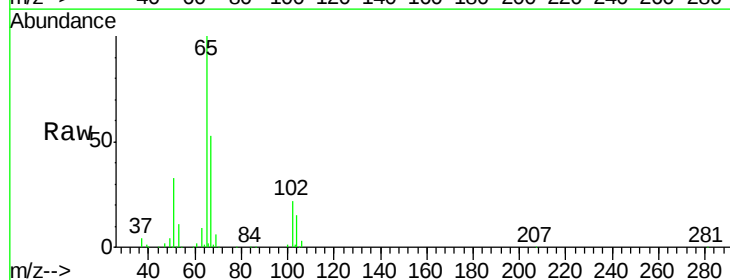
Acq: 28 Apr 2020 15:27

Tgt Ion: 65 Resp: 110921

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY002457.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002457.D (-1044) (-)

8.16

50000

40000

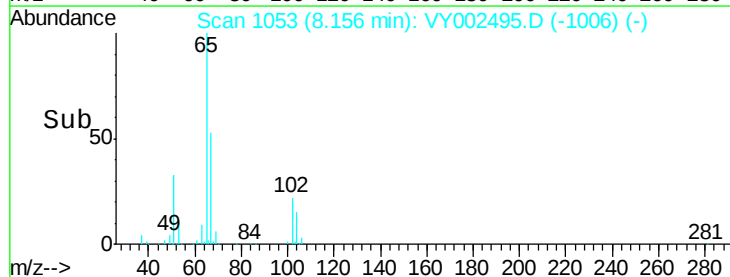
30000

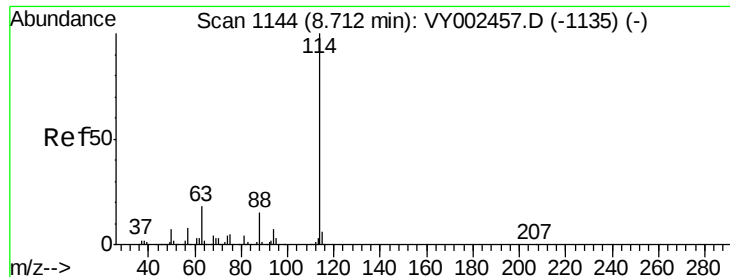
20000

10000

0

Time-->

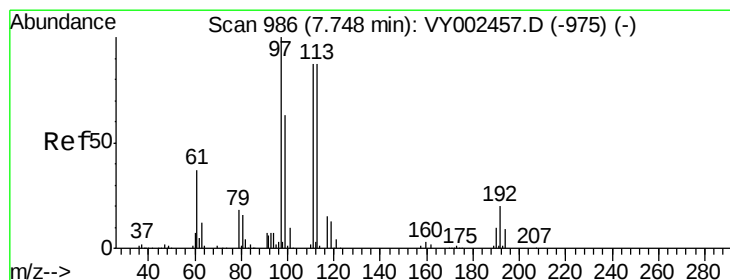
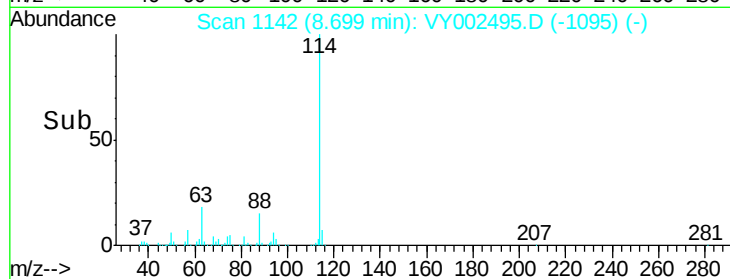
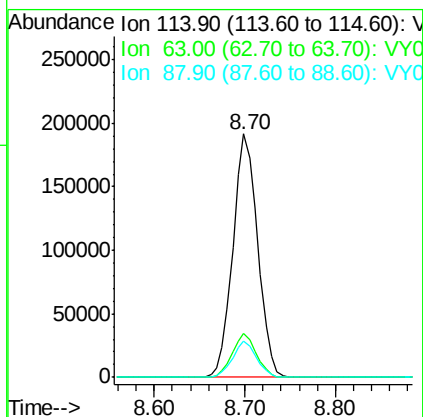
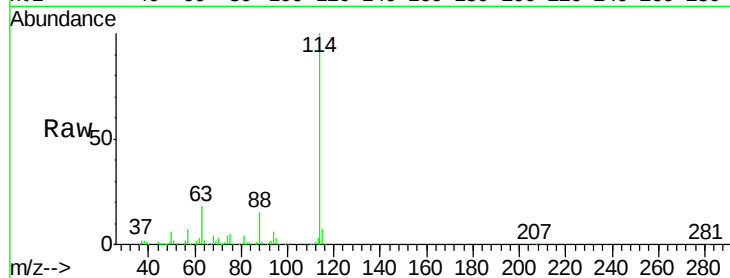




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002495.D
 Acq: 28 Apr 2020 15:27

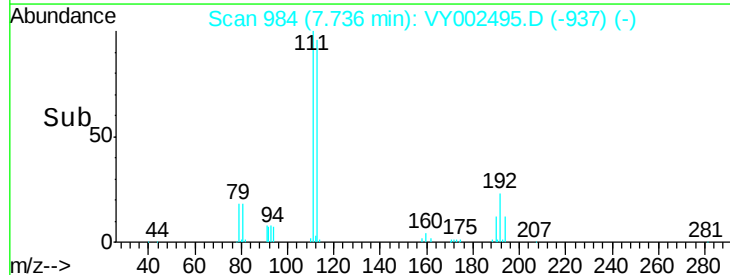
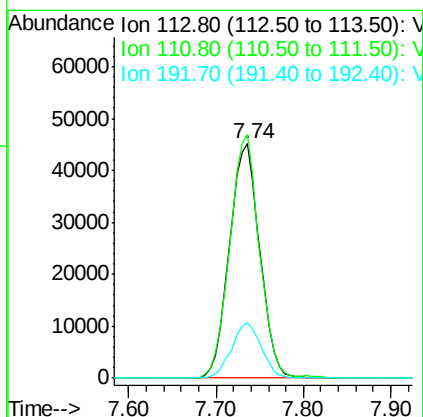
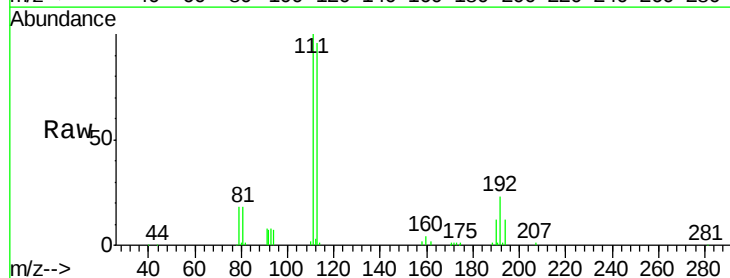
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFRE

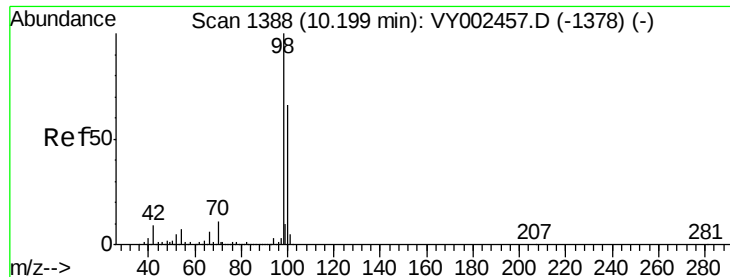
Tot Ion:114 Resp: 362380
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.7 0.0 29.4



#35
 Dibromofluoromethane
 Concen: 53.273 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002495.D
 Acq: 28 Apr 2020 15:27

Tgt Ion:113 Resp: 108891
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.0 121.4
 192 23.1 18.6 27.8





#50

Toluene-d8

Concen: 51.537 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002495.D

Acq: 28 Apr 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

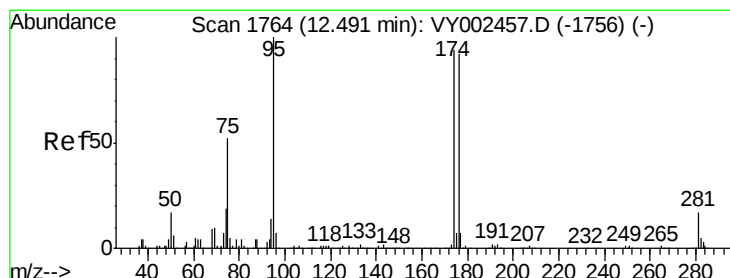
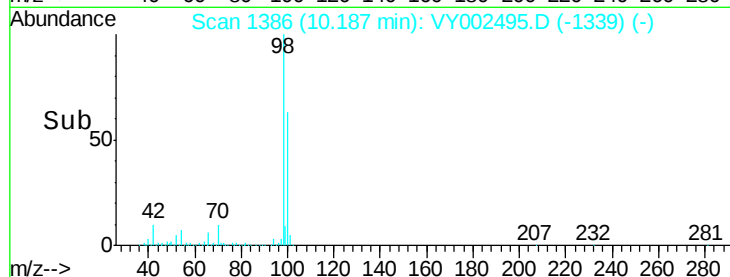
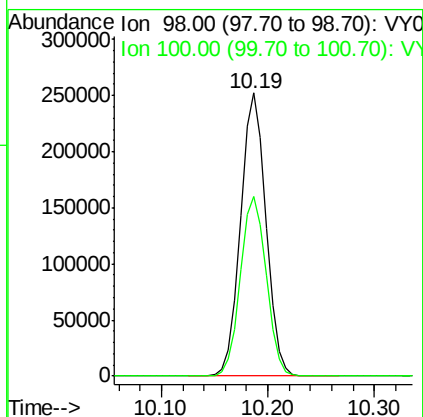
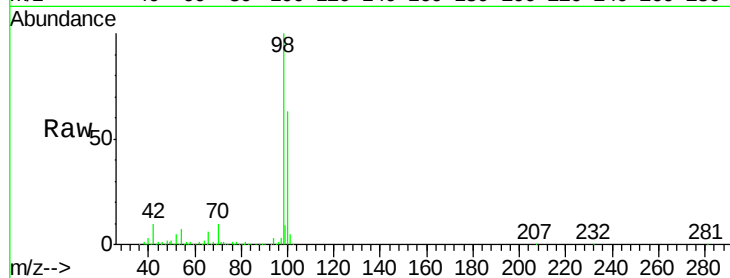
DUCK-ISLAND-ROLLOFFRE

Tot Ion: 98 Resp: 423395

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 46.278 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002495.D

Acq: 28 Apr 2020 15:27

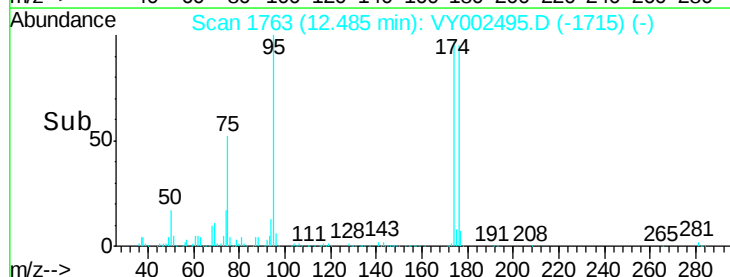
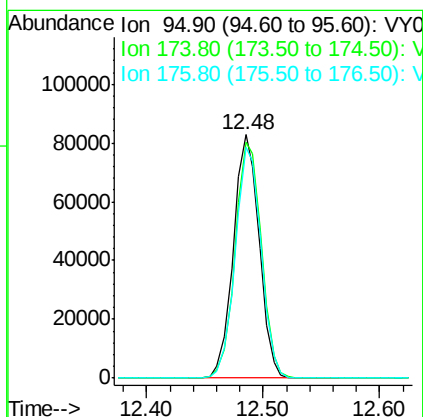
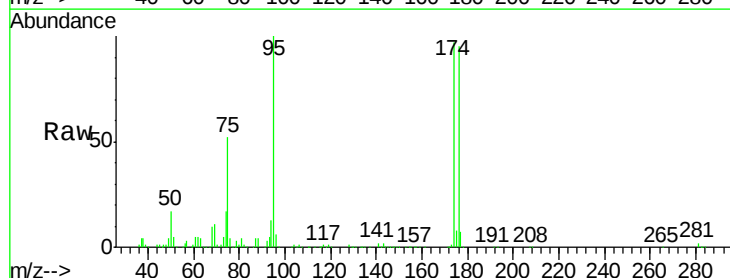
Tgt Ion: 95 Resp: 127570

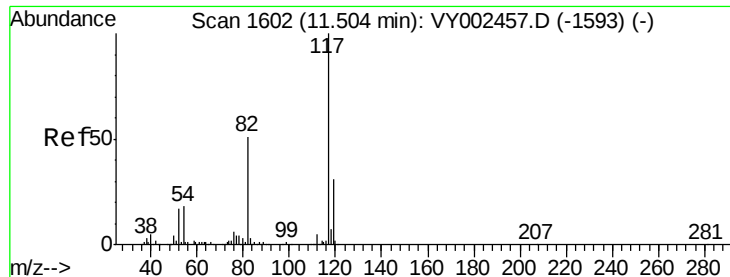
Ion Ratio Lower Upper

95 100

174 98.5 0.0 193.0

176 95.1 0.0 190.4

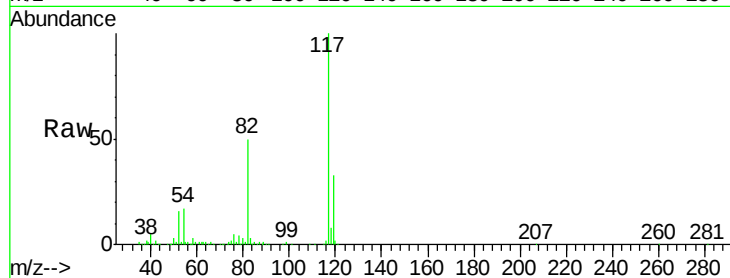




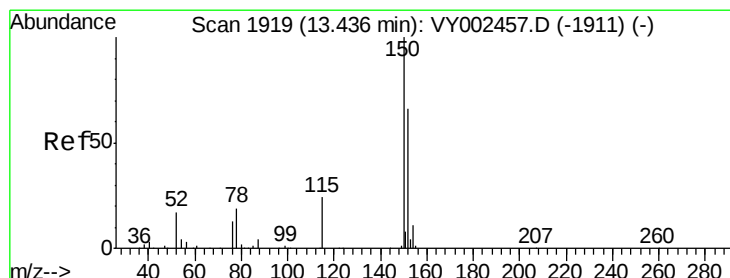
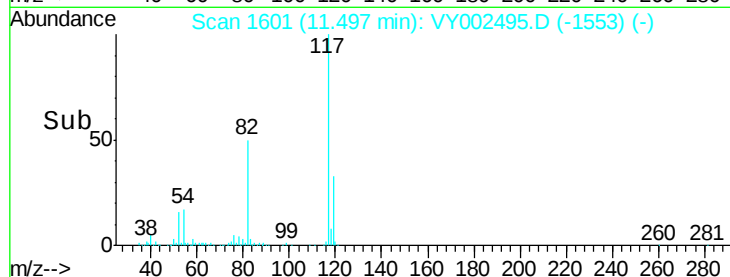
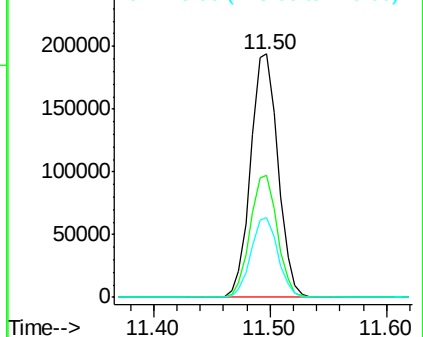
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002495.D
Acq: 28 Apr 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
DUCK-ISLAND-ROLLOFFRE

Tot Ion:117 Resp: 318518
Ion Ratio Lower Upper
117 100
82 50.1 40.8 61.2
119 32.7 25.2 37.8

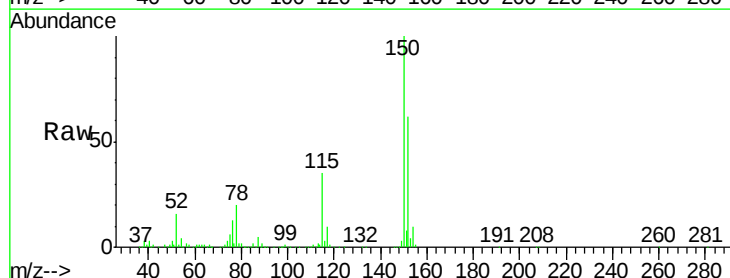


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002495.D
Acq: 28 Apr 2020 15:27

Tgt Ion:152 Resp: 147059
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.8
150 158.2 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

