

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002045.D
 Acq On : 24 Mar 2020 13:12
 Operator : SY/MD
 Sample : L2019-01
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRILL-CUTTINGS

Quant Time: Mar 24 15:45:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

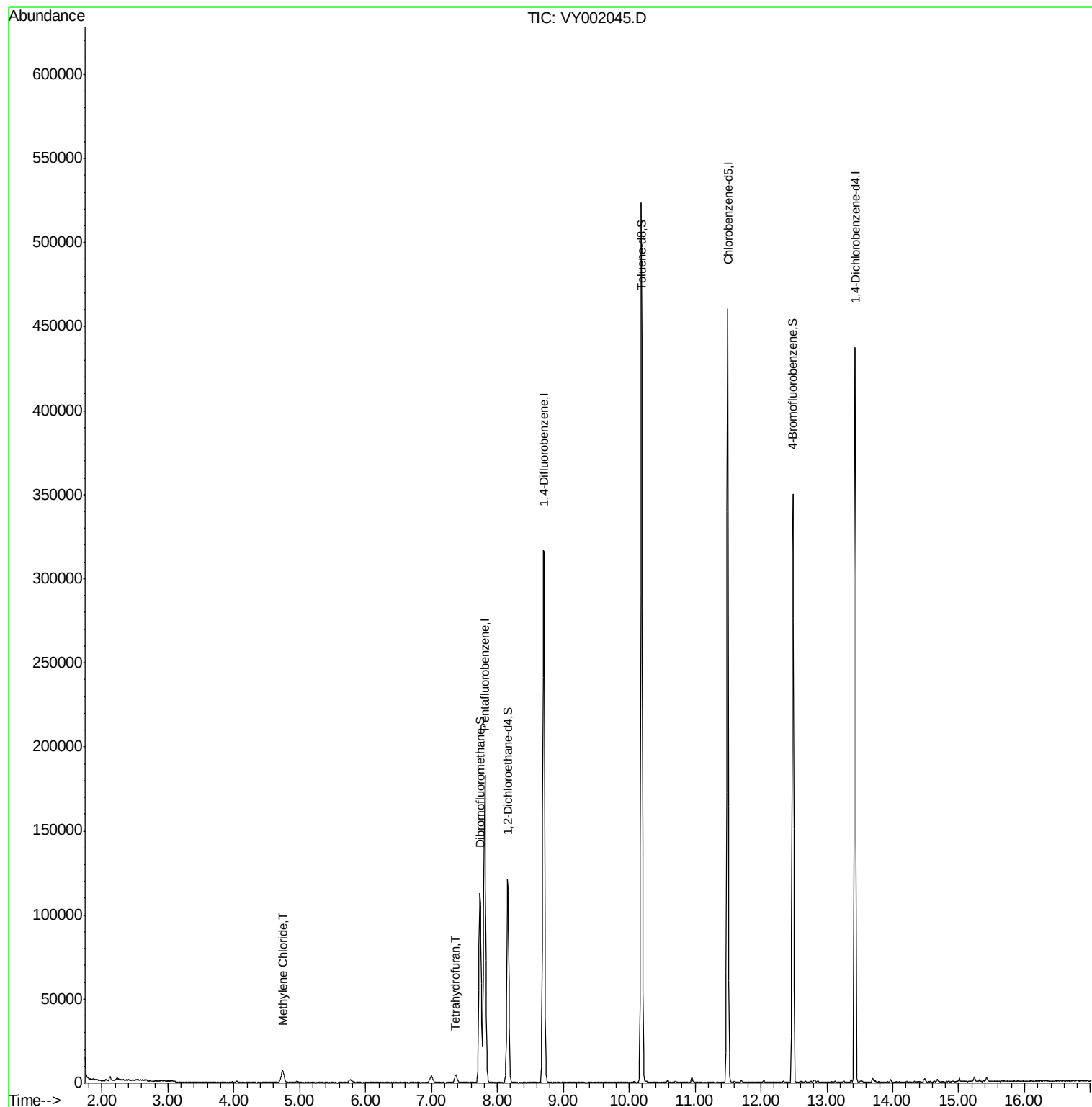
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	139078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	274499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	108320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	89088	60.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.00%	
35) Dibromofluoromethane	7.74	113	82080	54.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.52%	
50) Toluene-d8	10.19	98	330476	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.49	95	116099	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
Target Compounds						
20) Methylene Chloride	4.74	84	5487	2.961	ug/l	92
29) Tetrahydrofuran	7.36	42	4117	9.427	ug/l	94

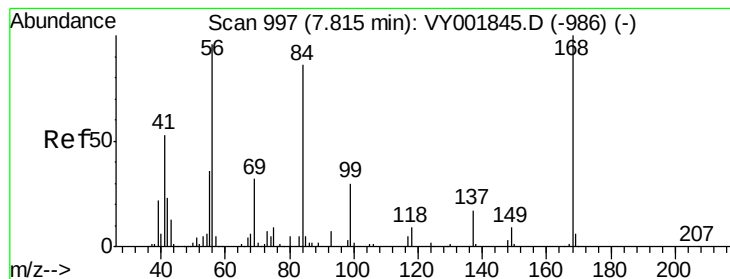
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002045.D

Acq: 24 Mar 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

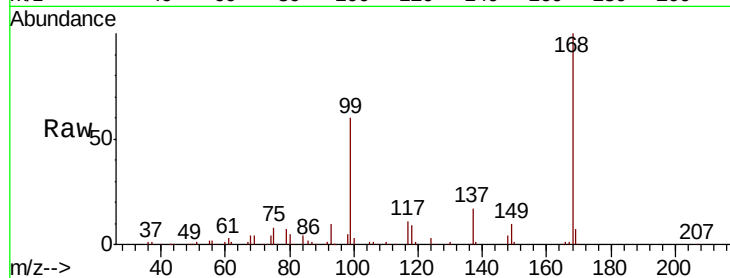
DRILL-CUTTINGS

Tot Ion:168 Resp: 139078

Ion Ratio Lower Upper

168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

60000

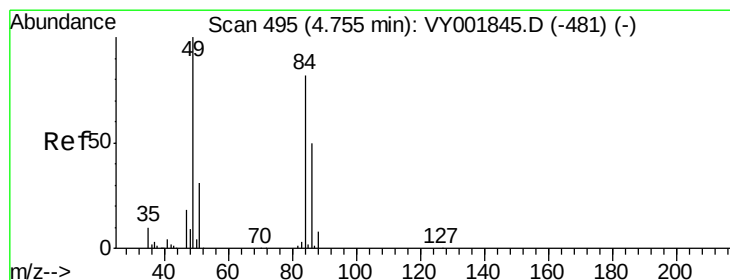
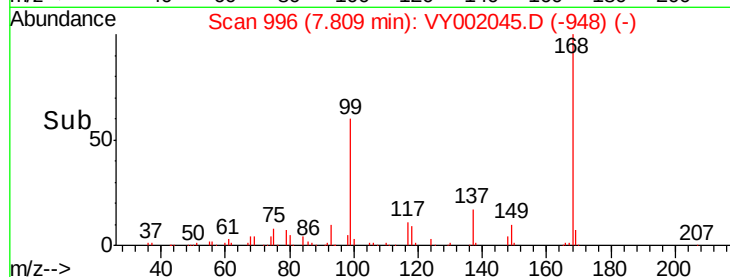
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 2.961 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY002045.D

Acq: 24 Mar 2020 13:12

Tgt Ion: 84 Resp: 5487

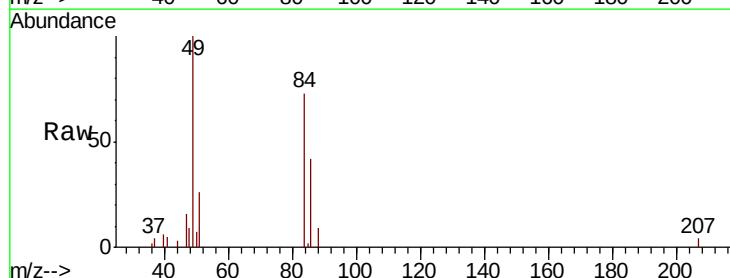
Ion Ratio Lower Upper

84 100

49 136.2 98.2 147.2

51 35.9 30.2 45.2

86 57.5 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

4.74

3000

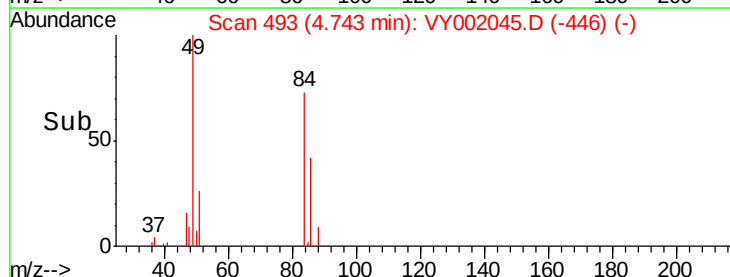
2000

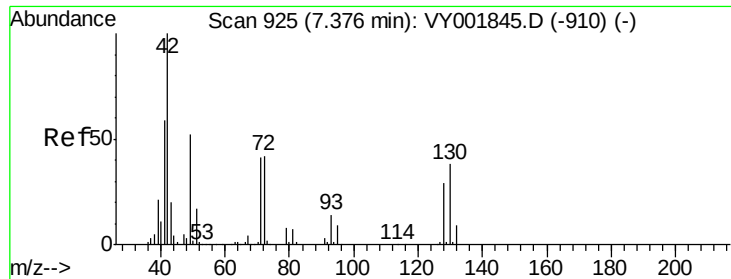
1000

0

4.65 4.70 4.75 4.80 4.85

Time-->

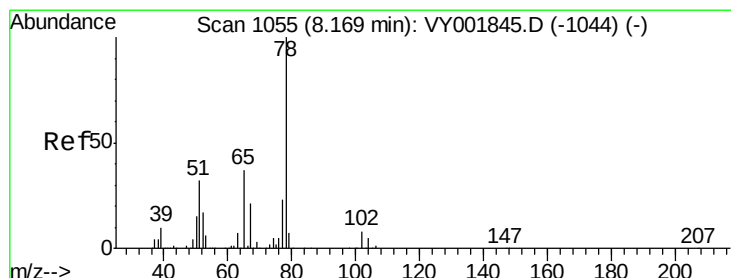
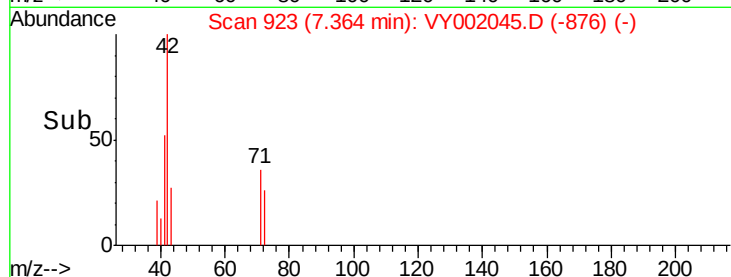
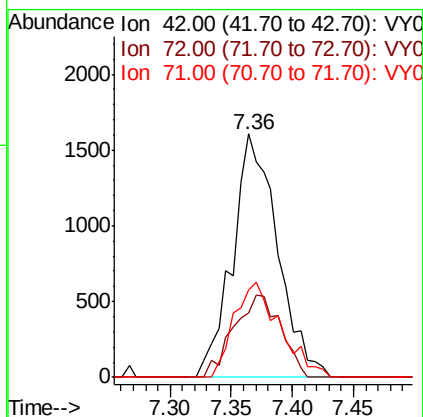
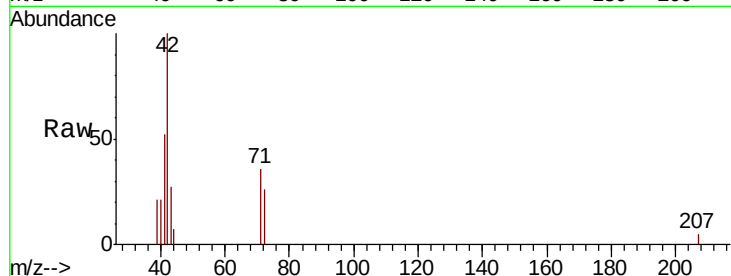




#29
Tetrahydrofuran
Concen: 9.427 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY002045.D
Acq: 24 Mar 2020 13:12

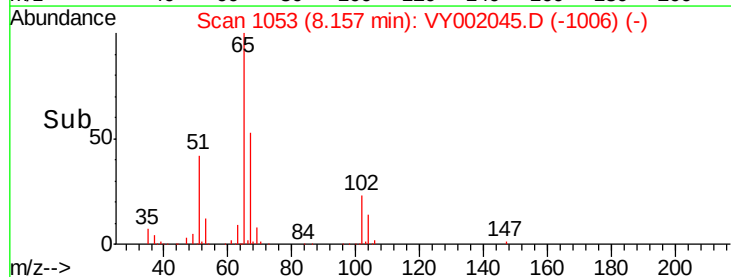
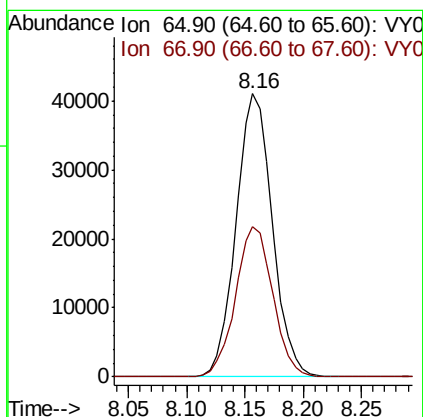
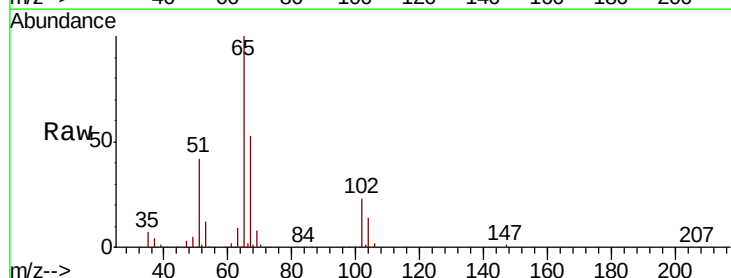
Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

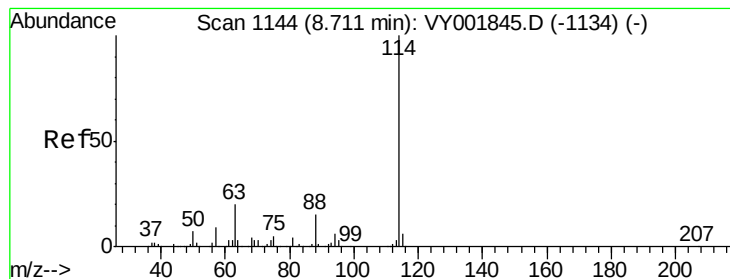
Tot Ion: 42 Resp: 4117
Ion Ratio Lower Upper
42 100
72 35.2 33.5 50.3
71 39.8 31.3 46.9



#33
1,2-Dichloroethane-d4
Concen: 60.002 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002045.D
Acq: 24 Mar 2020 13:12

Tgt Ion: 65 Resp: 89088
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002045.D

Acq: 24 Mar 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

DRILL-CUTTINGS

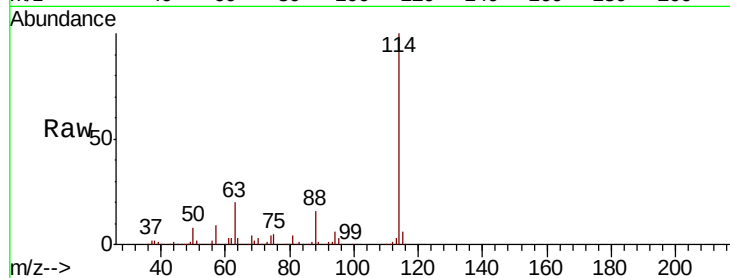
Tot Ion:114 Resp: 274499

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

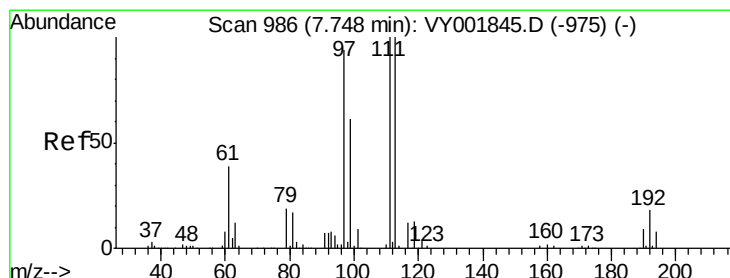
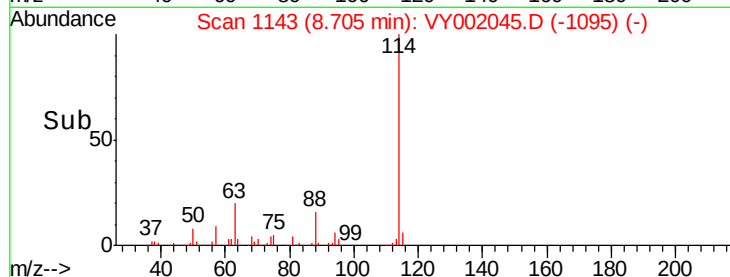
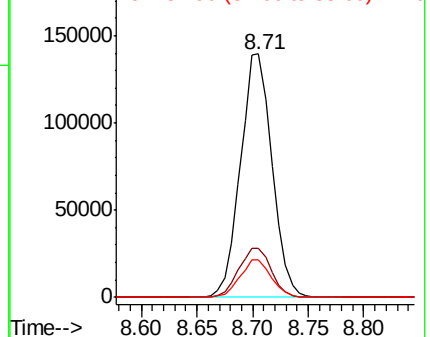
88 15.5 0.0 30.4



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: 54.761 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002045.D

Acq: 24 Mar 2020 13:12

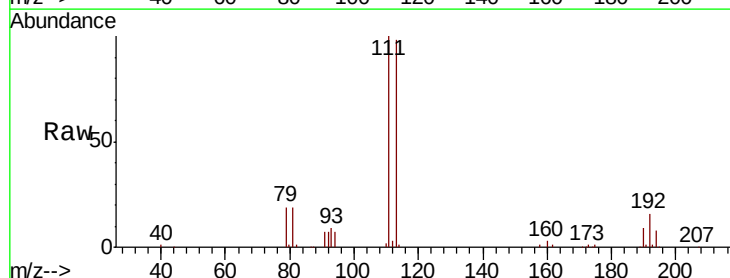
Tgt Ion:113 Resp: 82080

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

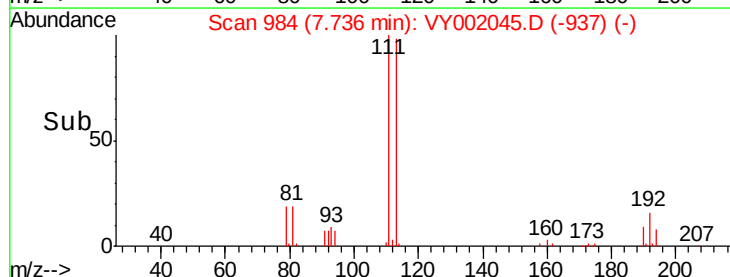
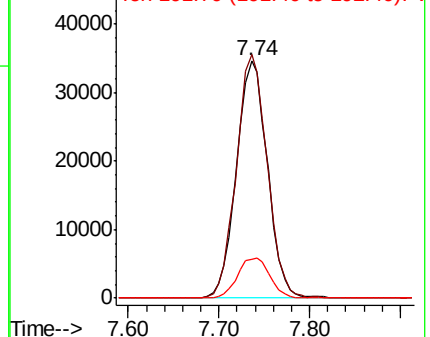
192 17.6 14.2 21.2

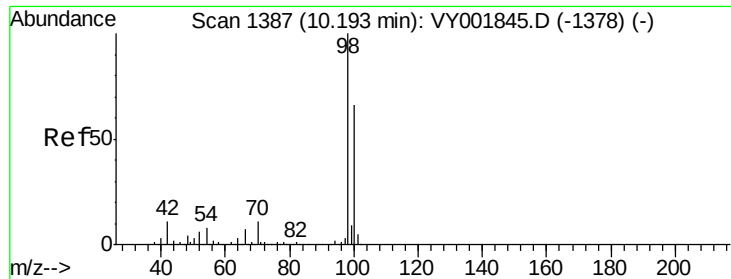


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

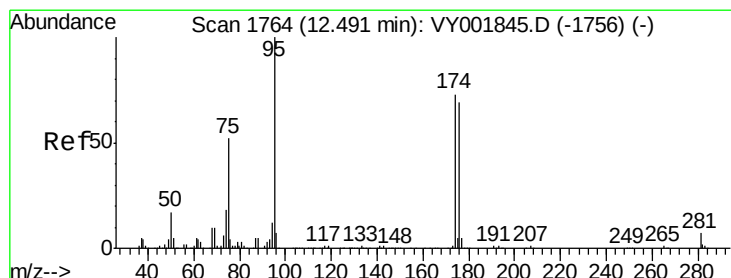
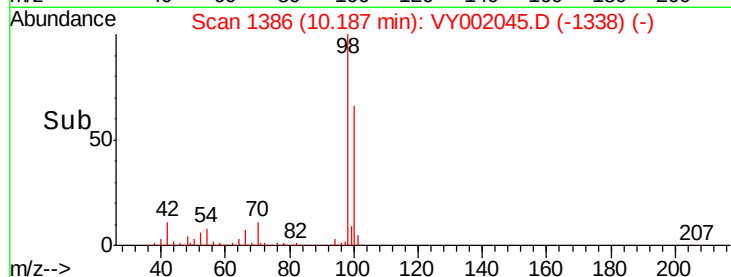
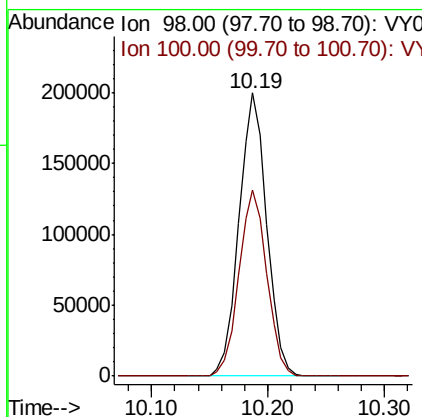
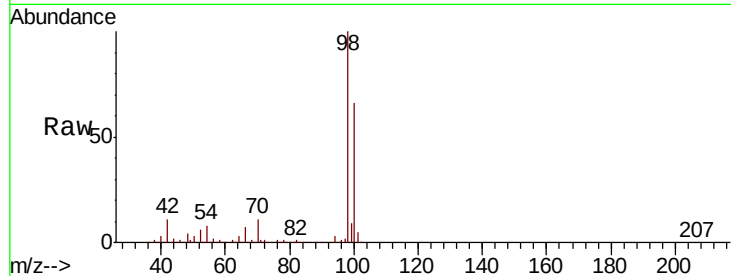




#50
Toluene-d8
Concen: 52.286 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002045.D
Acq: 24 Mar 2020 13:12

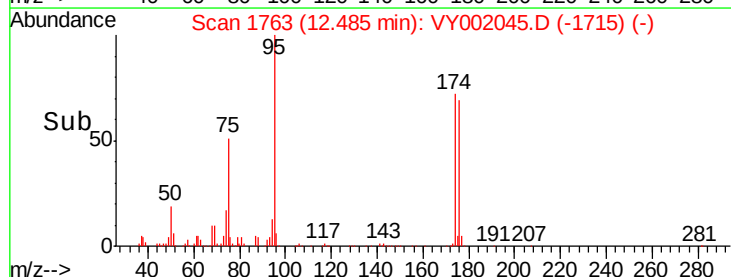
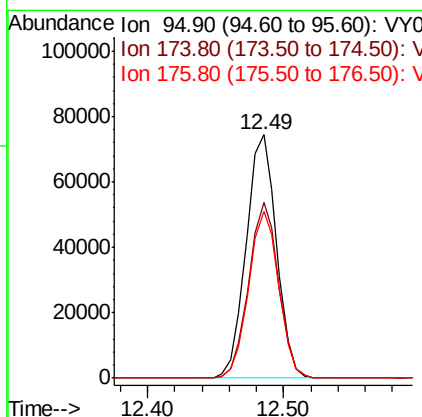
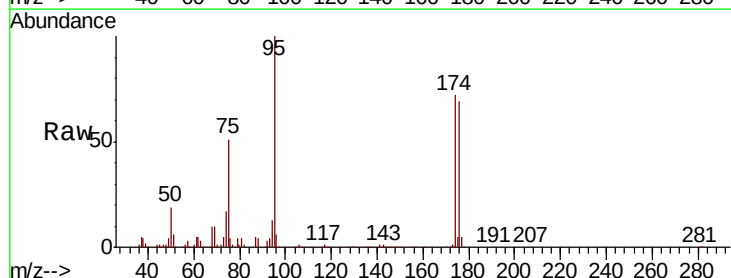
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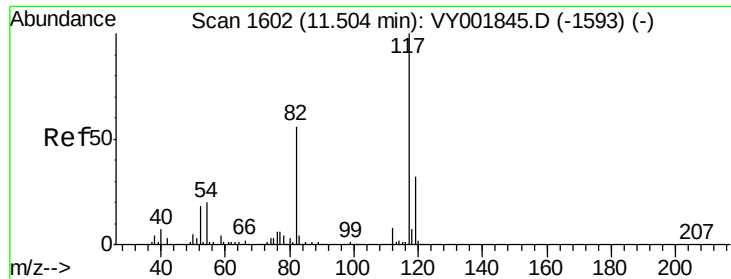
Tot Ion: 98 Resp: 330476
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.827 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002045.D
Acq: 24 Mar 2020 13:12

Tgt Ion: 95 Resp: 116099
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.0
176 68.1 0.0 137.4

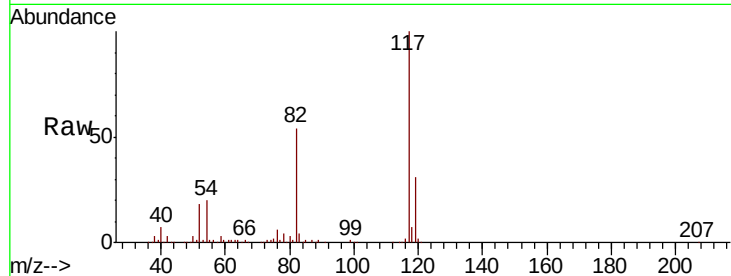




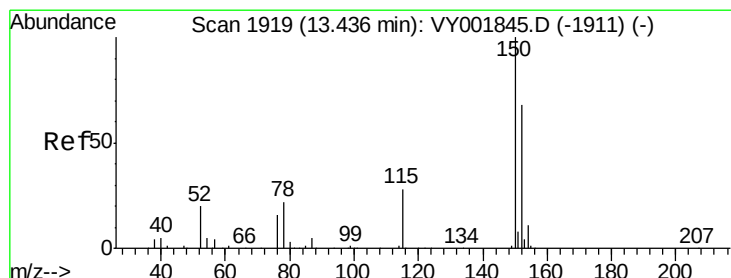
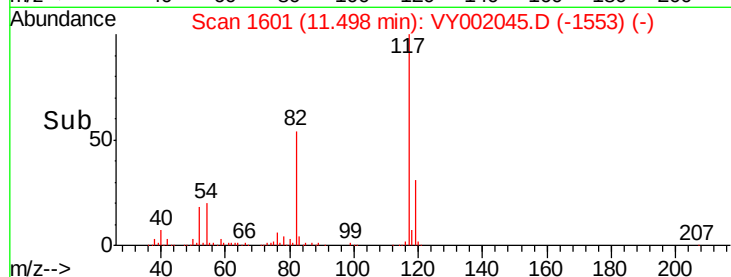
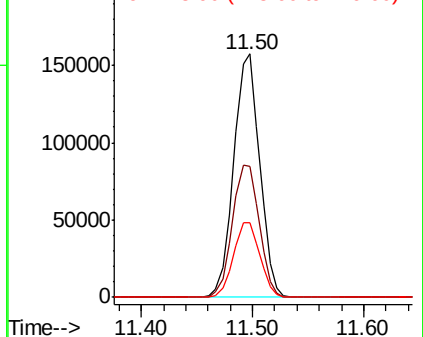
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002045.D
Acq: 24 Mar 2020 13:12

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tot Ion:117 Resp: 253482
Ion Ratio Lower Upper
117 100
82 54.0 44.5 66.7
119 30.7 25.7 38.5

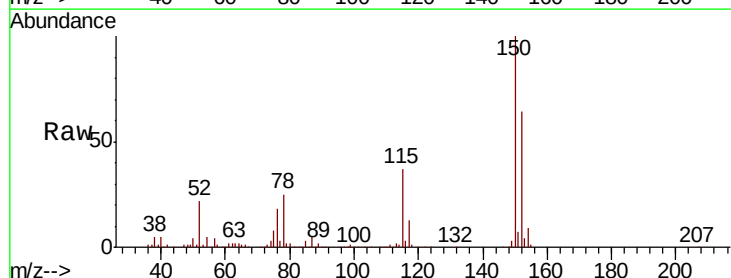


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002045.D
Acq: 24 Mar 2020 13:12

Tgt Ion:152 Resp: 108320
Ion Ratio Lower Upper
152 100
115 61.1 29.9 89.7
150 157.0 0.0 340.6



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

