

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003415.D
 Acq On : 03 Aug 2020 14:27
 Operator : SY/MD
 Sample : L3512-03
 Misc : 7.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLLOFF-72-11982

Quant Time: Aug 04 02:19:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

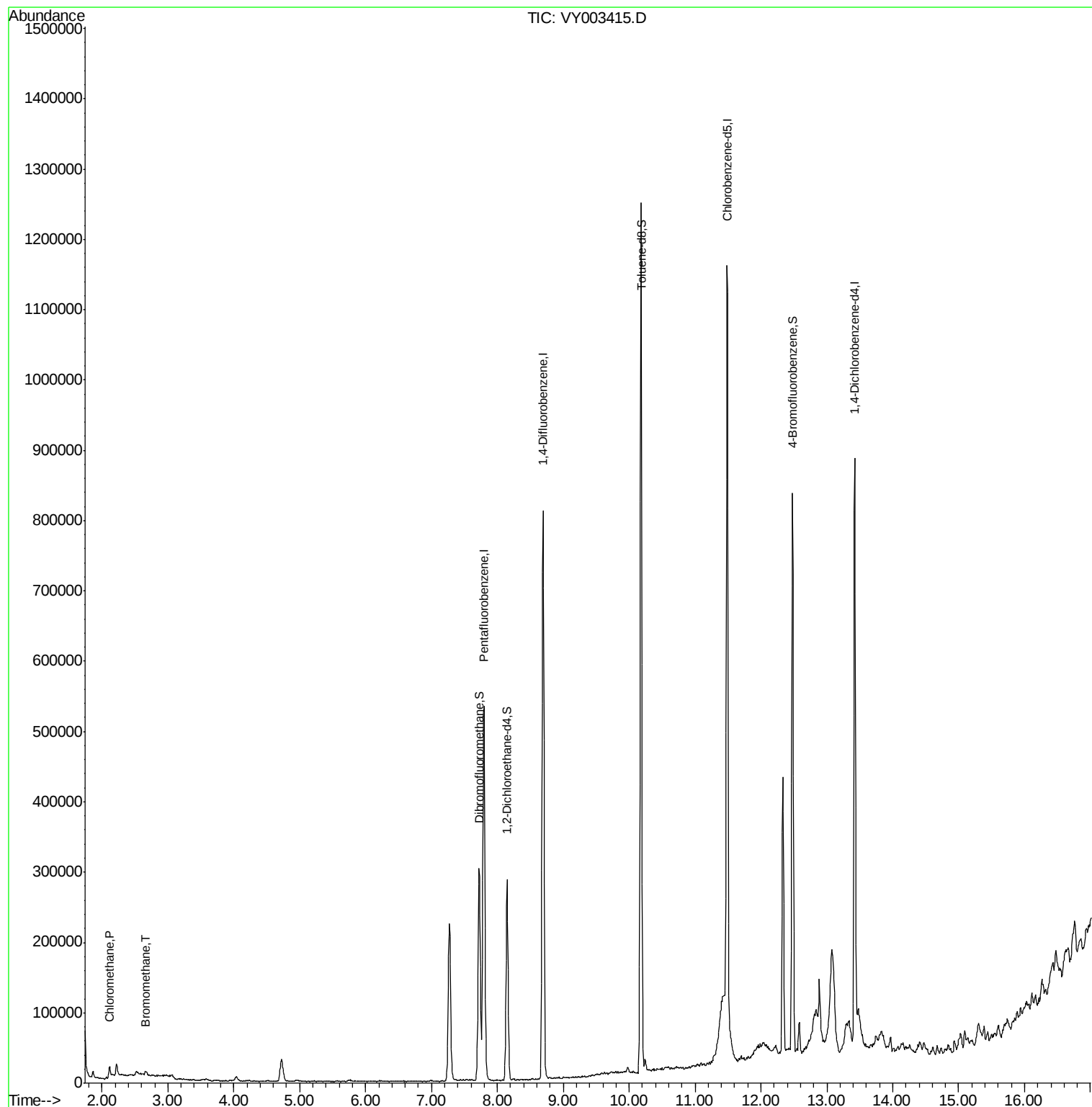
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	439021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	680991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	588527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	212975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	221362	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
35) Dibromofluoromethane	7.72	113	216850	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
50) Toluene-d8	10.18	98	820824	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.48	95	229456	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	
Target Compounds						
3) Chloromethane	2.12	50	12031	2.444	ug/l	Qvalue 100
5) Bromomethane	2.66	94	4263	1.168	ug/l #	77

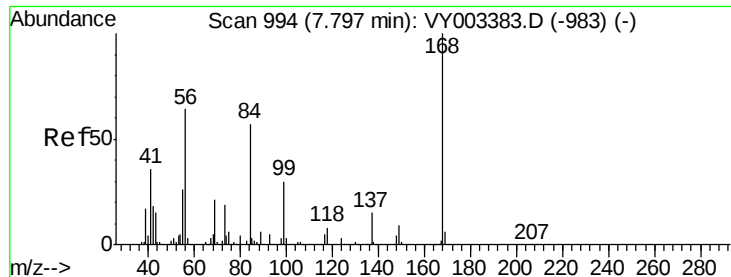
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003415.D

Acq: 03 Aug 2020 14:27

Instrument :

MSVOA_Y

ClientSampleId :

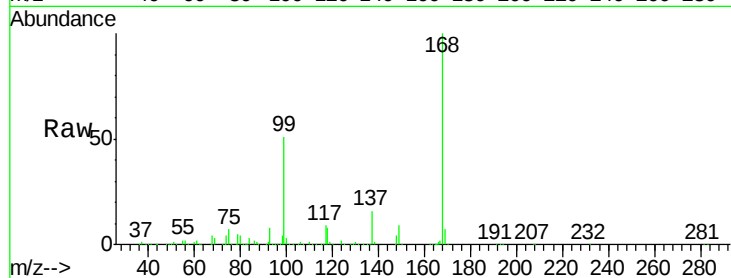
ROLLOFF-72-11982

Tot Ion:168 Resp: 439021

Ion Ratio Lower Upper

168 100

99 51.0 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

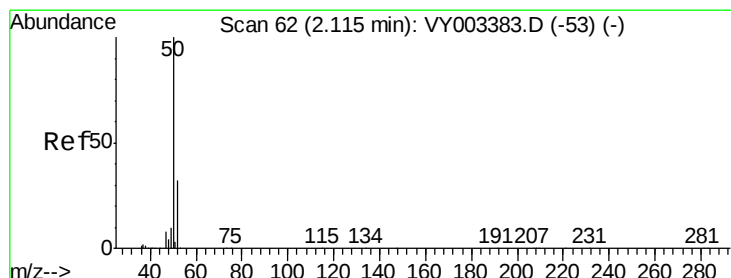
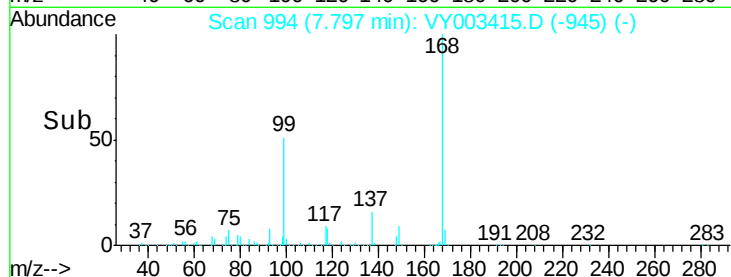
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.444 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003415.D

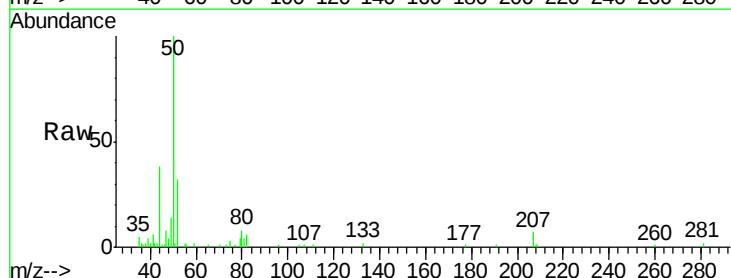
Acq: 03 Aug 2020 14:27

Tgt Ion: 50 Resp: 12031

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003383.D (-53) (-)

Ion 51.90 (51.60 to 52.60): VY003383.D (-53) (-)

2.12

10000

8000

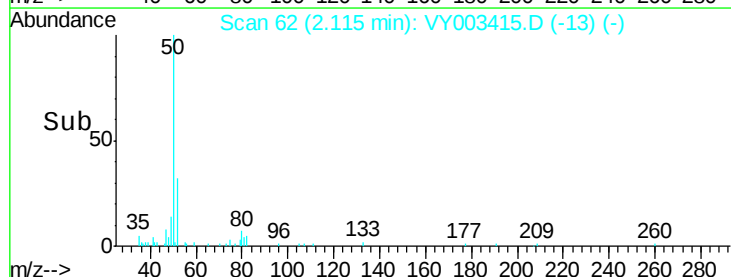
6000

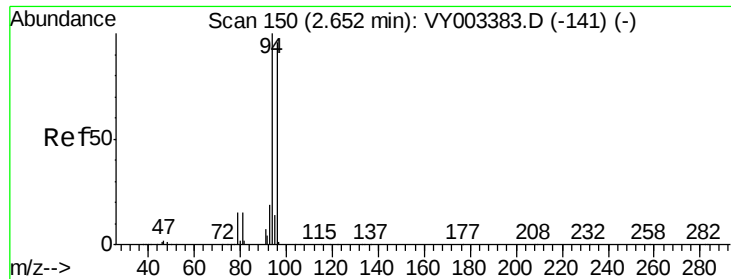
4000

2000

0

Time-->





#5

Bromomethane

Concen: 1.168 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003415.D

Acq: 03 Aug 2020 14:27

Instrument :

MSVOA_Y

ClientSampleId :

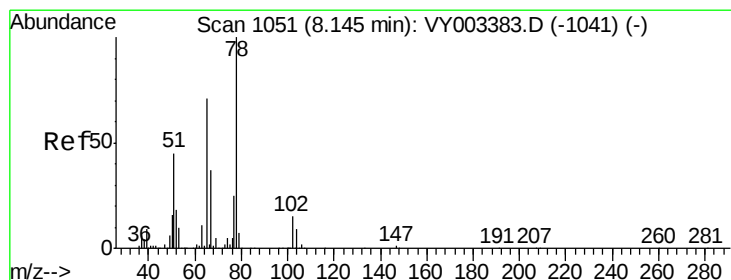
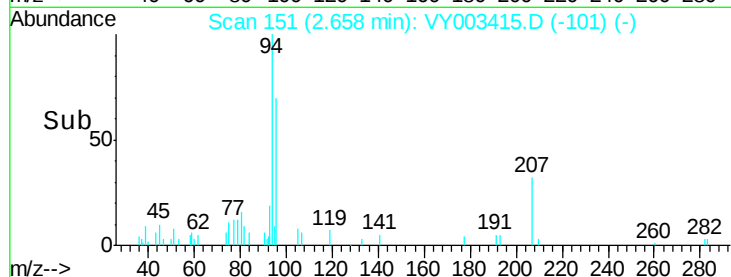
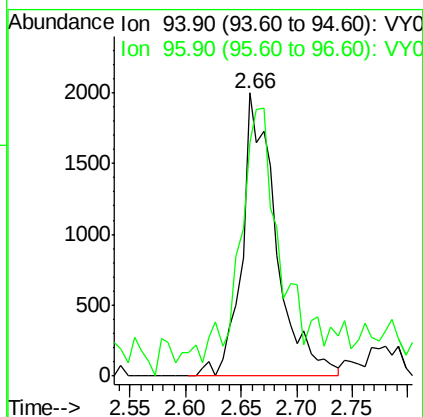
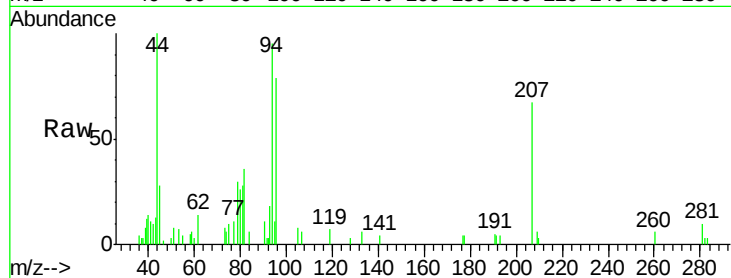
ROLLOFF-72-11982

Tot Ion: 94 Resp: 4263

Ion Ratio Lower Upper

94 100

96 73.8 76.6 115.0#



#33

1,2-Dichloroethane-d4

Concen: 53.030 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003415.D

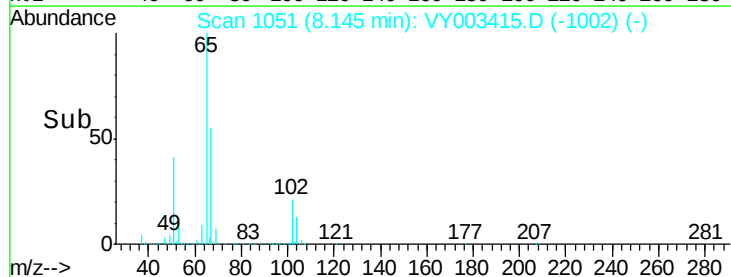
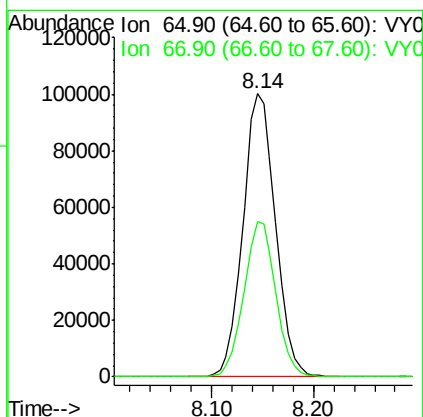
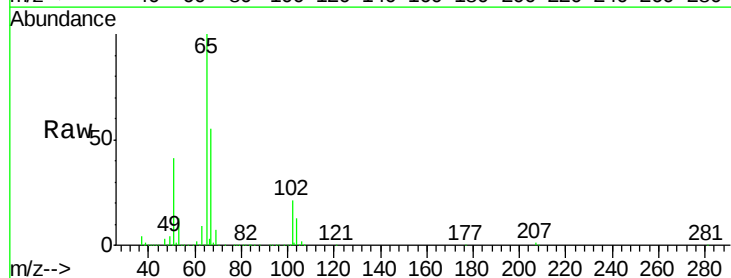
Acq: 03 Aug 2020 14:27

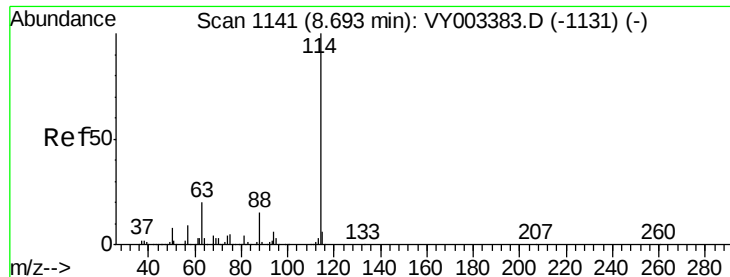
Tgt Ion: 65 Resp: 221362

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003415.D

Acq: 03 Aug 2020 14:27

Instrument :

MSVOA_Y

ClientSampleId :

ROLLOFF-72-11982

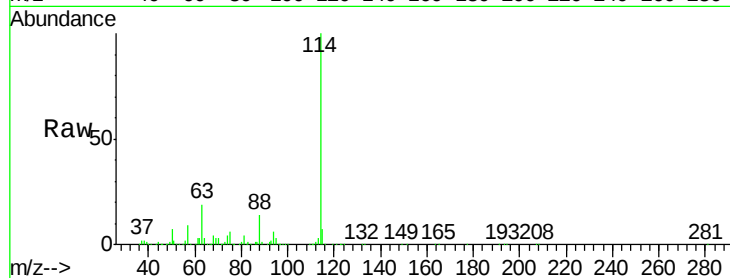
Tot Ion:114 Resp: 680991

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

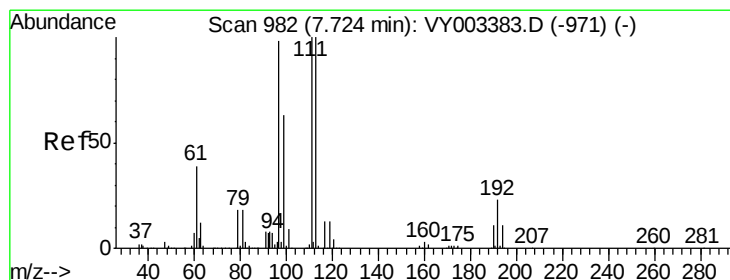
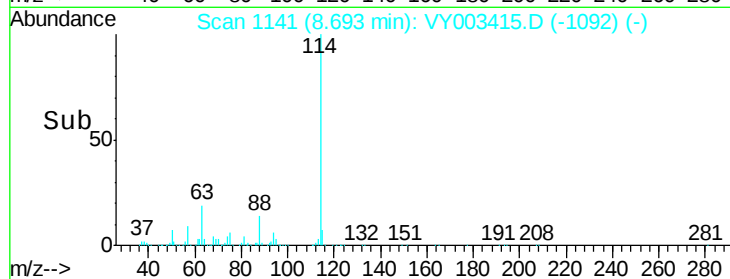
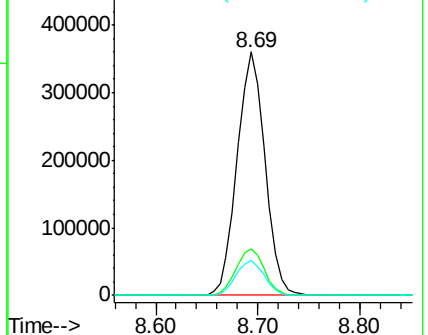
88 14.2 0.0 29.2



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: 54.058 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003415.D

Acq: 03 Aug 2020 14:27

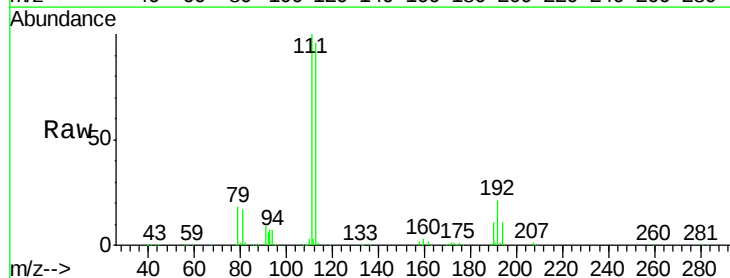
Tgt Ion:113 Resp: 216850

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

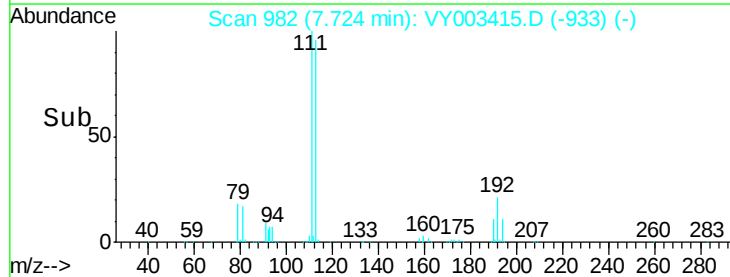
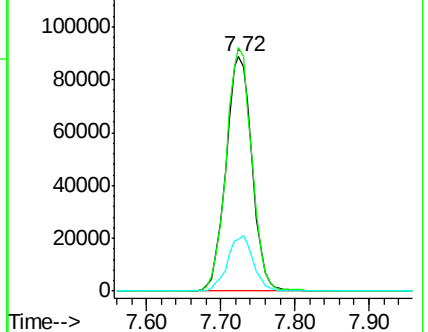
192 23.2 18.8 28.2

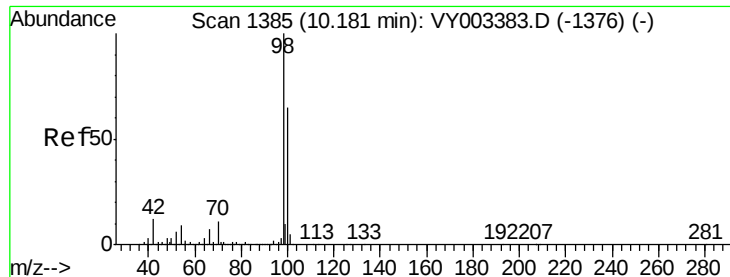


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.255 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003415.D

Acq: 03 Aug 2020 14:27

Instrument :

MSVOA_Y

ClientSampleId :

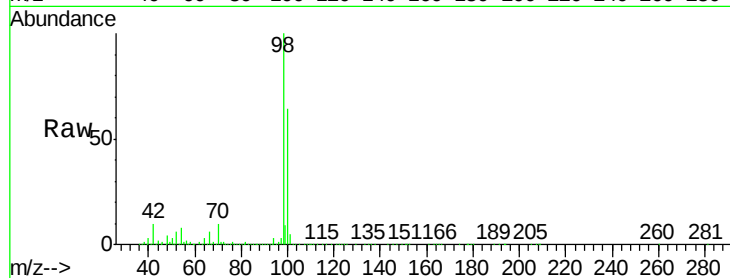
ROLLOFF-72-11982

Tot Ion: 98 Resp: 820824

Ion Ratio Lower Upper

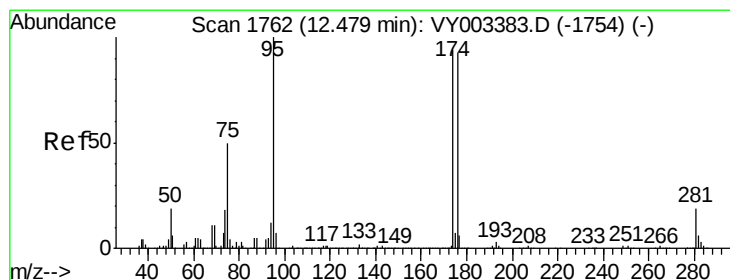
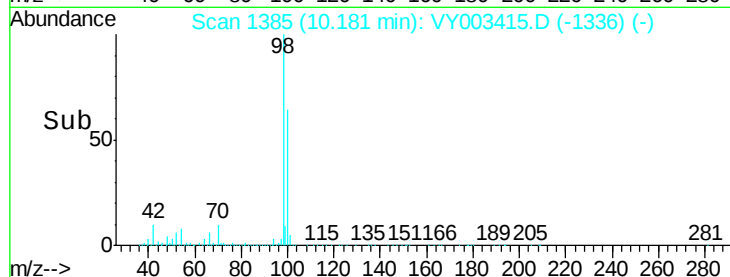
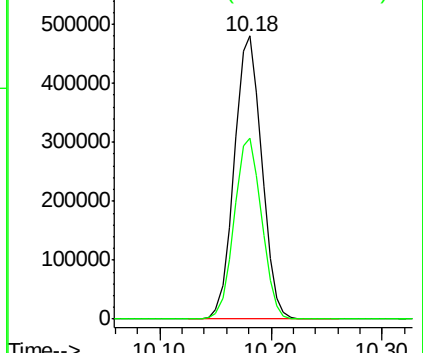
98 100

100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 42.752 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003415.D

Acq: 03 Aug 2020 14:27

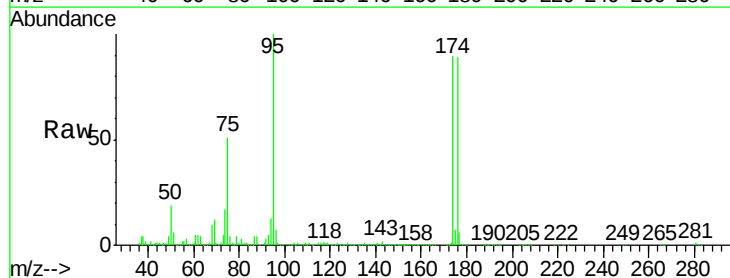
Tgt Ion: 95 Resp: 229456

Ion Ratio Lower Upper

95 100

174 93.4 0.0 190.0

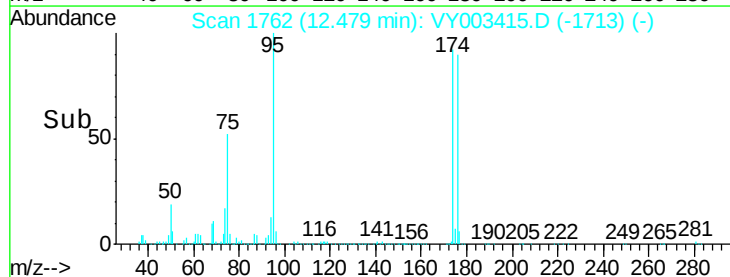
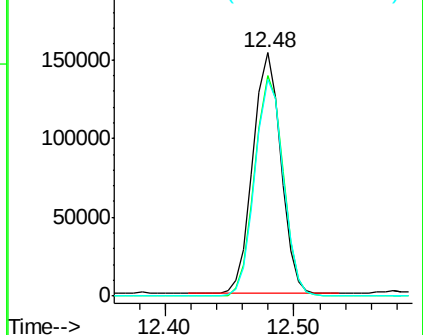
176 91.2 0.0 184.4

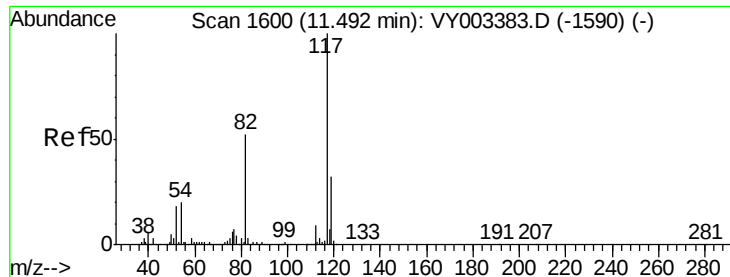


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003415.D

Acq: 03 Aug 2020 14:27

Instrument :

MSVOA_Y

ClientSampleId :

ROLLOFF-72-11982

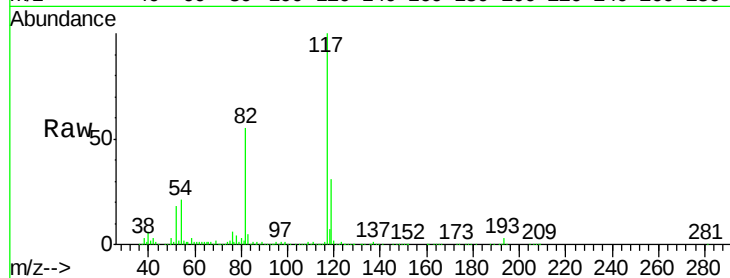
Tot Ion:117 Resp: 588527

Ion Ratio Lower Upper

117 100

82 54.9 41.9 62.9

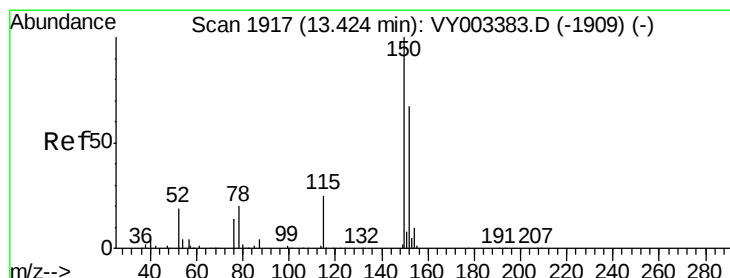
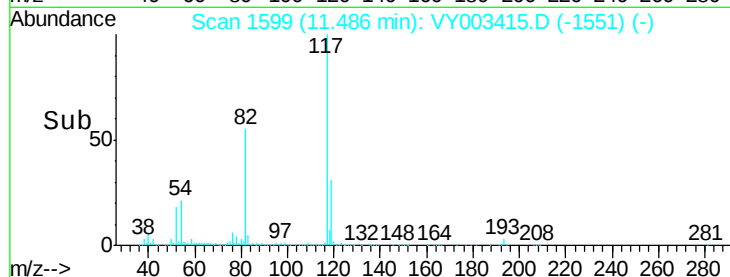
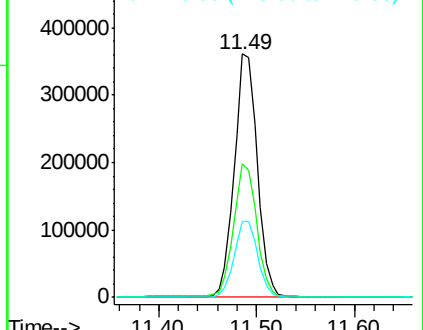
119 31.3 25.4 38.0



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: VY003415.D

Acq: 03 Aug 2020 14:27

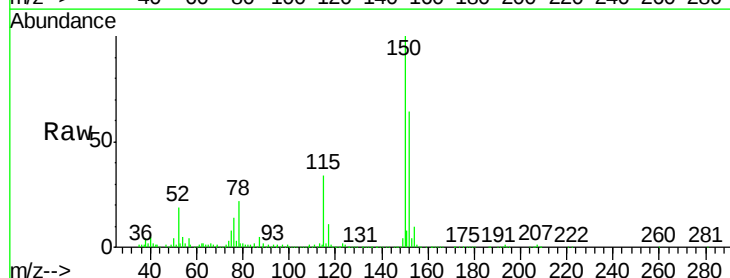
Tgt Ion:152 Resp: 212975

Ion Ratio Lower Upper

152 100

115 53.6 27.2 81.5

150 157.1 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

