

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000559.D
 Acq On : 06 Nov 2019 18:07
 Operator : SY/MD
 Sample : K5725-04
 Misc : 3.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SO-4

Quant Time: Nov 07 06:17:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

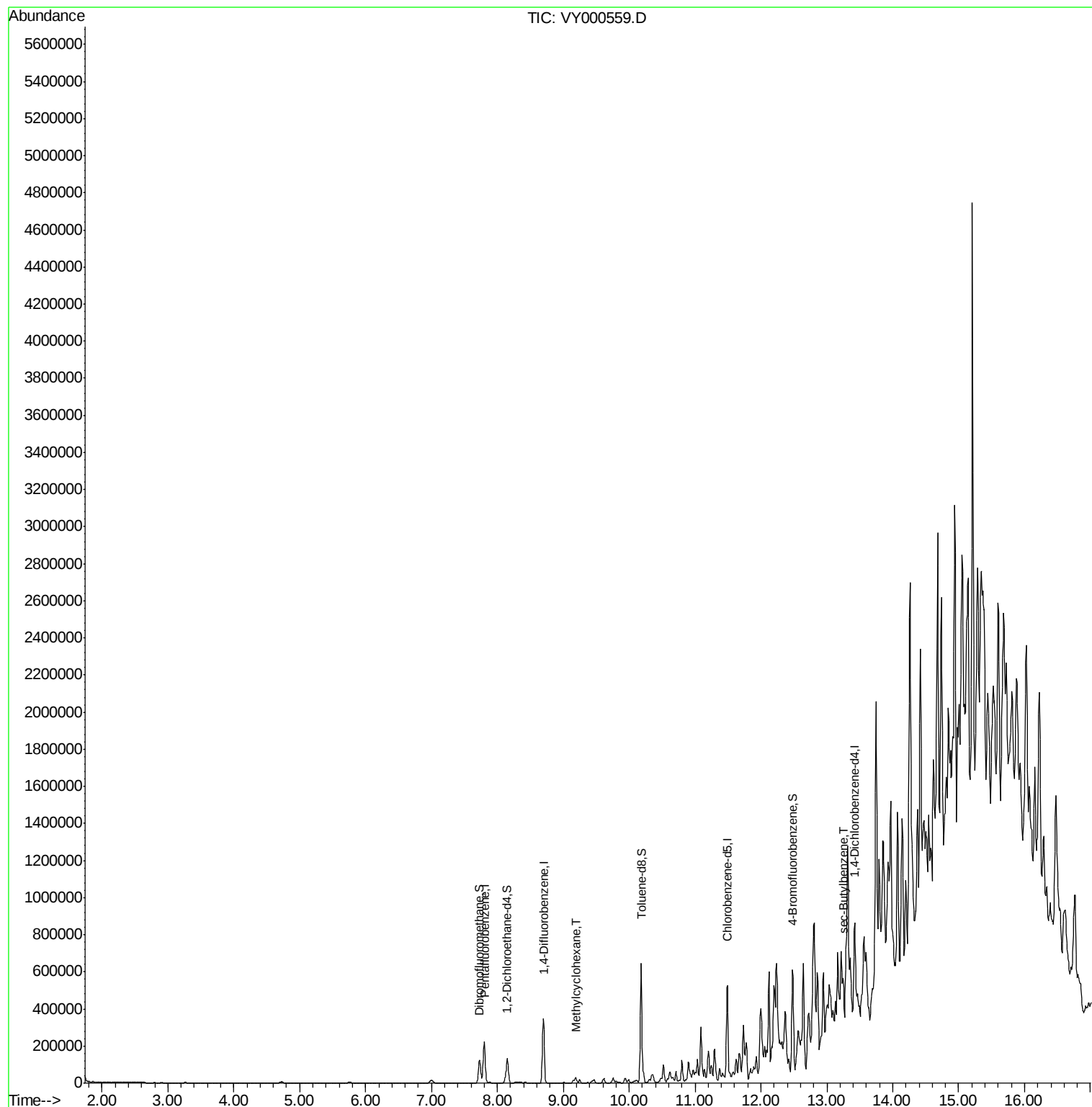
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	170299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	297410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	265975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	135629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	94706	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
35) Dibromofluoromethane	7.73	113	87456	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.18	98	352044	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.48	95	127788	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
39) Methylcyclohexane	9.19	83	10476	2.884	ug/l	90
85) sec-Butylbenzene	13.25	105	11416	1.124	ug/l	82

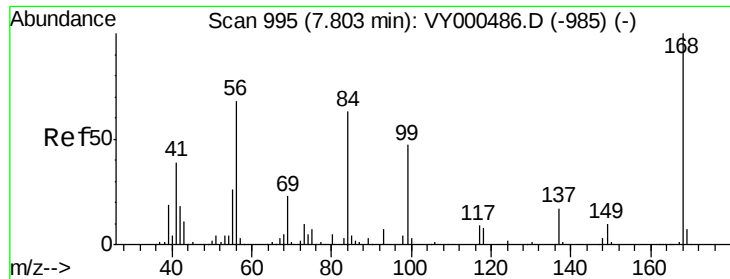
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000559.D

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Instrument :

MSVOA_Y

ClientSampleId :

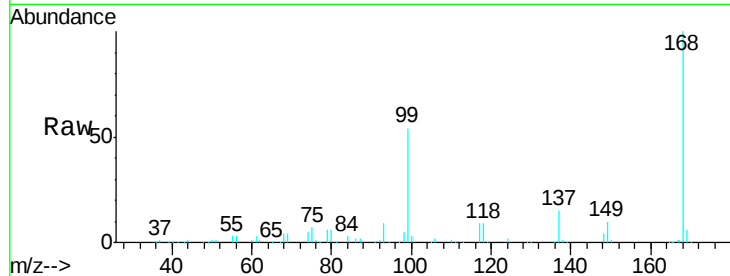
SO-4

Tgt Ion:168 Resp: 170299

Ion Ratio Lower Upper

168 100

99 54.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

80000

60000

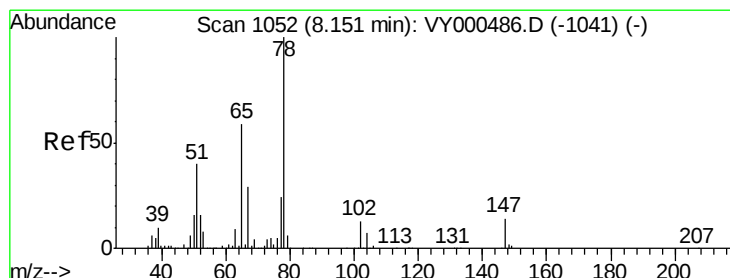
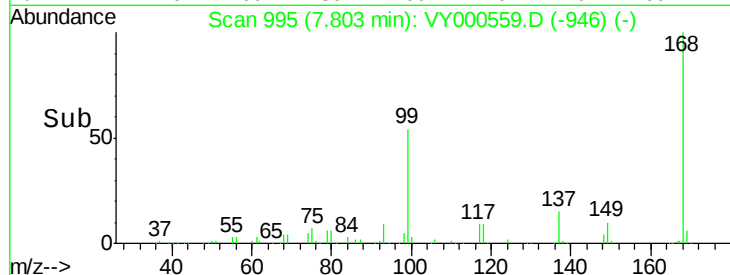
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.738 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000559.D

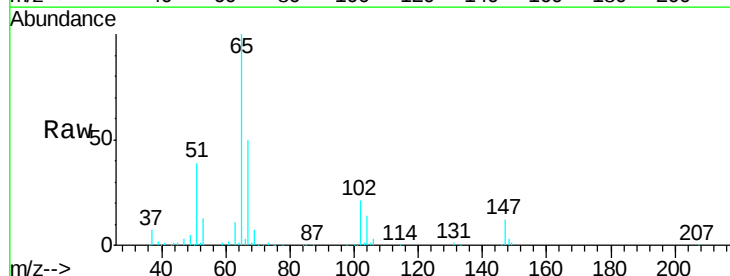
Acq: 06 Nov 2019 18:07

Tgt Ion: 65 Resp: 94706

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

50000

40000

30000

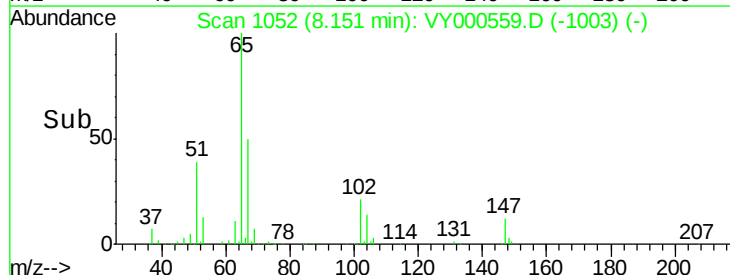
20000

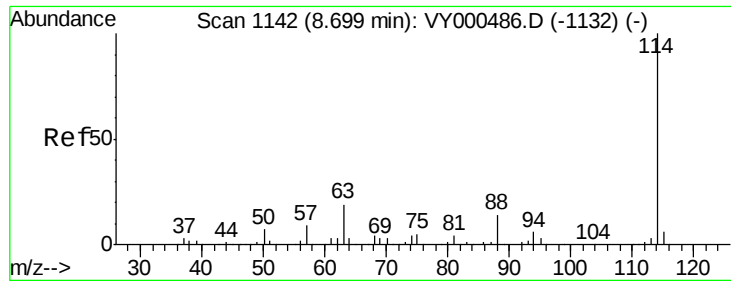
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000559.D

Acq: 06 Nov 2019 18:07

Instrument :

MSVOA_Y

ClientSampleId :

SO-4

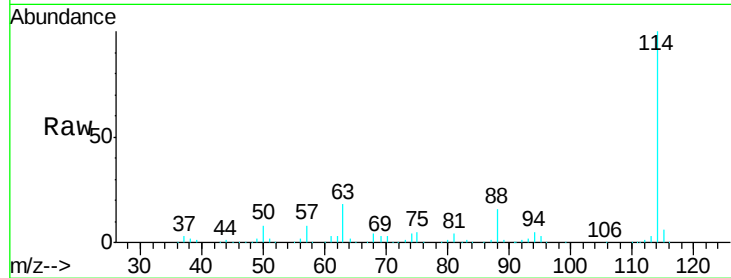
Tgt Ion:114 Resp: 297410

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.0

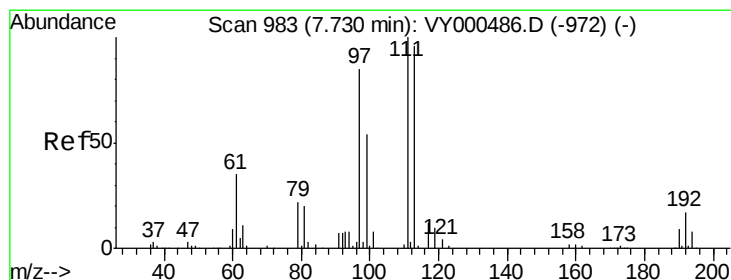
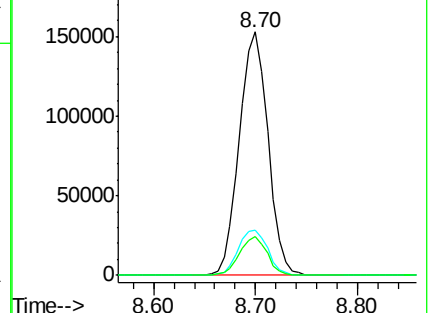
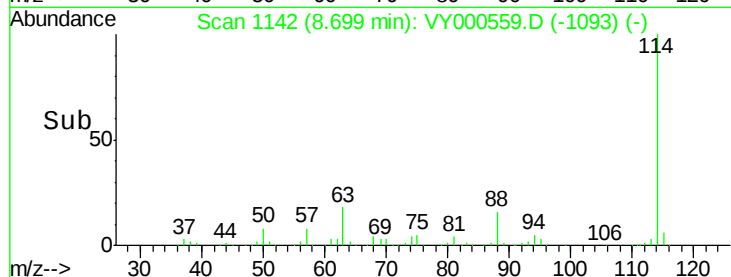
88 16.2 0.0 28.6



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: 50.090 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000559.D

Acq: 06 Nov 2019 18:07

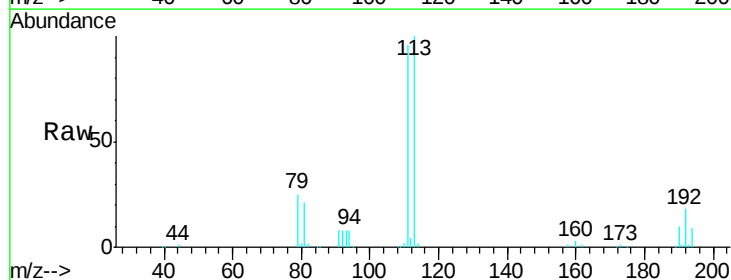
Tgt Ion:113 Resp: 87456

Ion Ratio Lower Upper

113 100

111 100.2 81.7 122.5

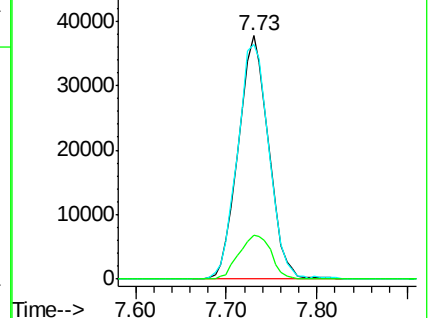
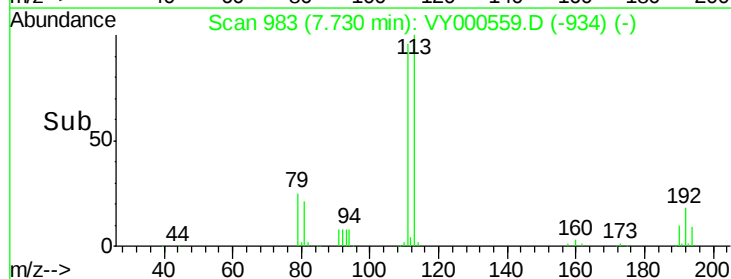
192 19.1 15.0 22.4

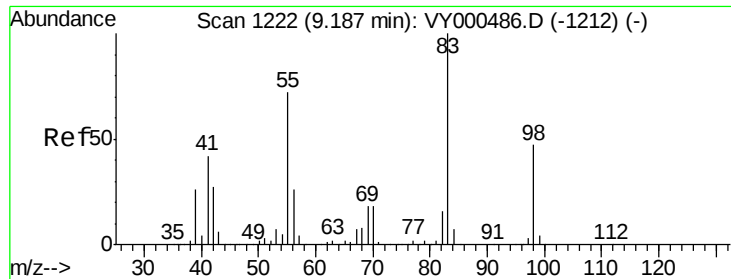


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

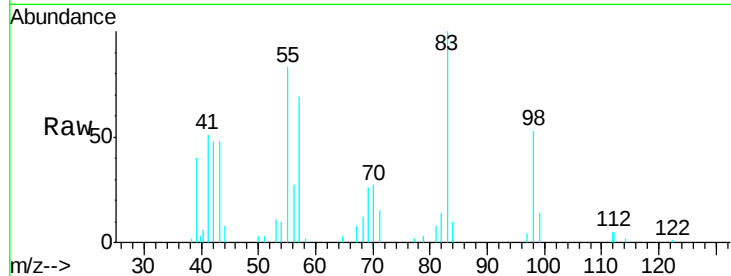




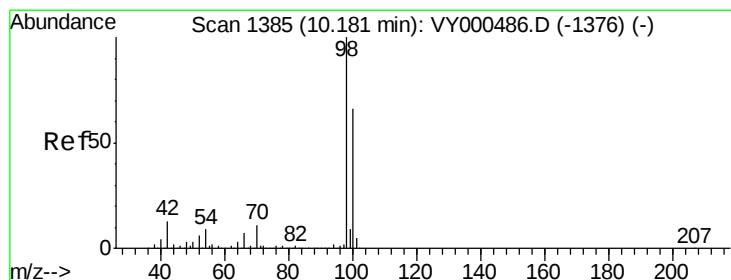
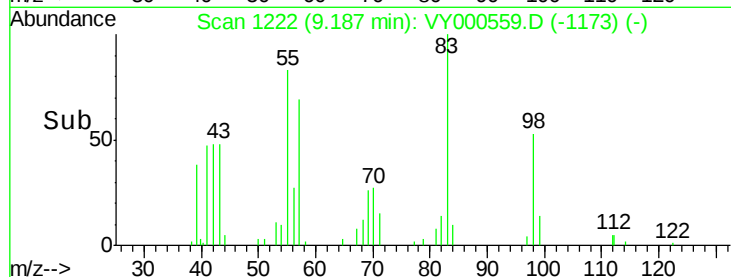
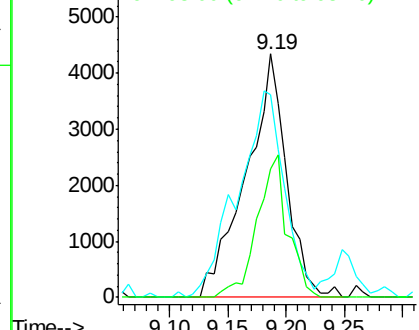
#39
Methylcyclohexane
Concen: 2.884 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000559.D
Acq: 06 Nov 2019 18:07

Instrument :
MSVOA_Y
ClientSampleId :
SO-4

Tgt Ion: 83 Resp: 10476
Ion Ratio Lower Upper
83 100
55 82.0 57.5 86.3
98 52.7 38.0 57.0

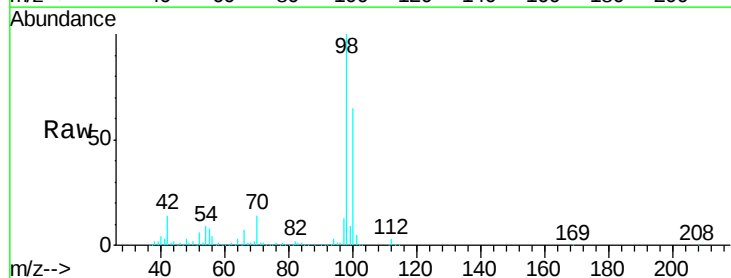


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

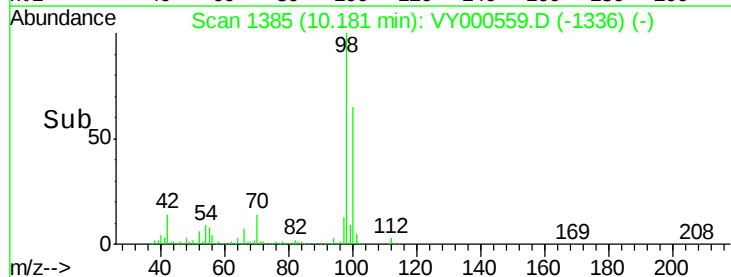
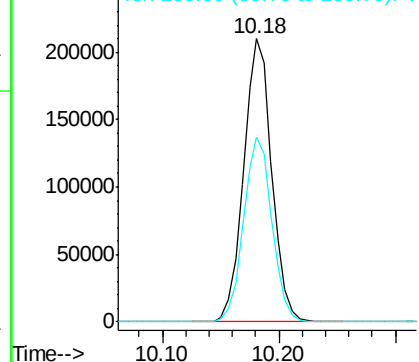


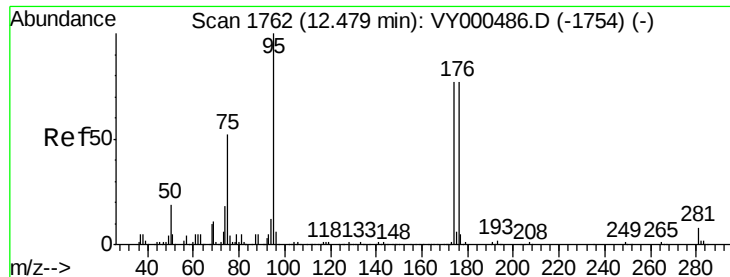
#50
Toluene-d8
Concen: 53.138 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000559.D
Acq: 06 Nov 2019 18:07

Tgt Ion: 98 Resp: 352044
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

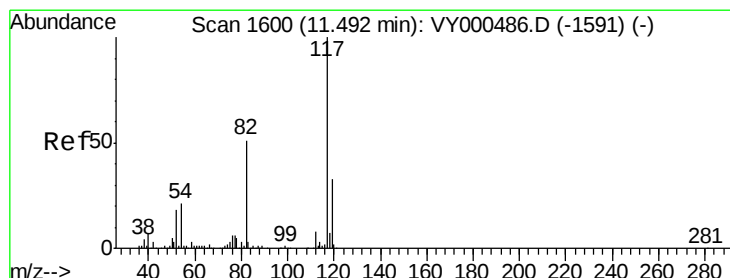
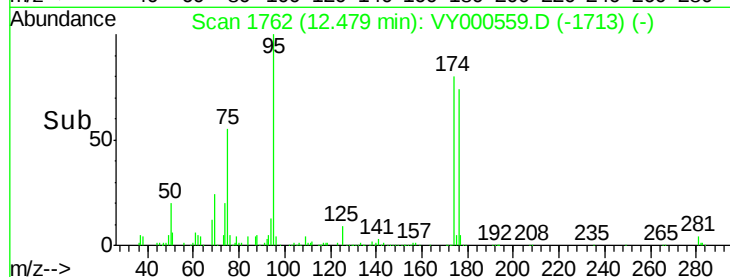
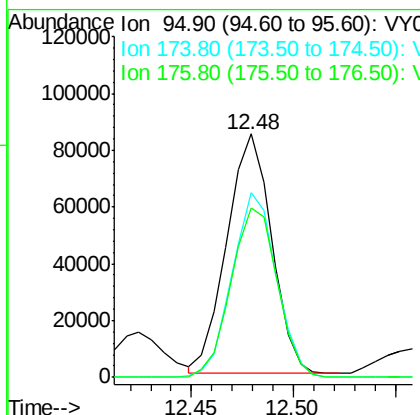
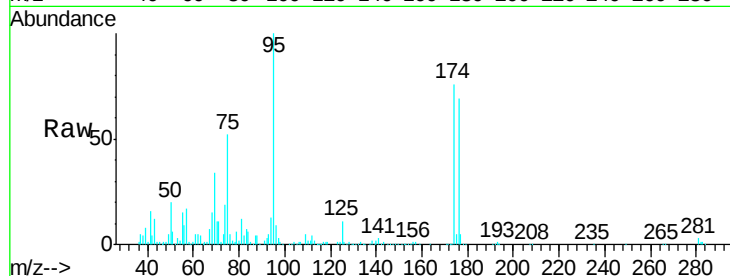




#62
4-Bromofluorobenzene
Concen: 50.667 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000559.D
Acq: 06 Nov 2019 18:07

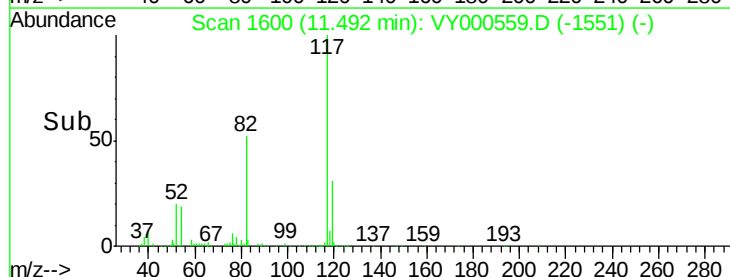
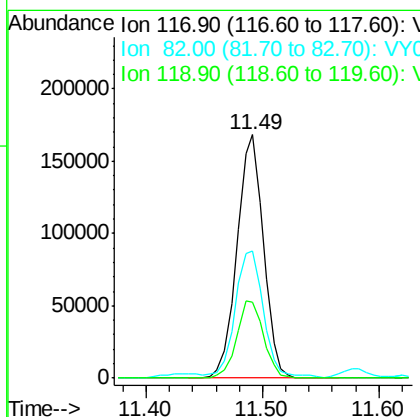
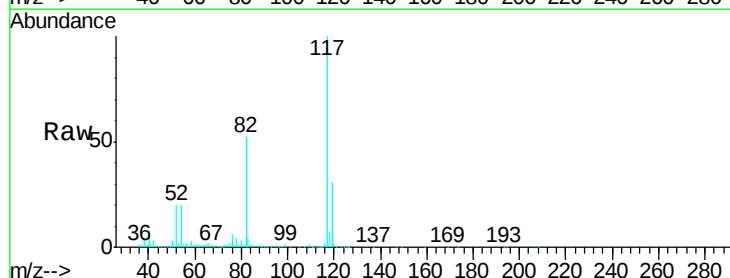
Instrument :
MSVOA_Y
ClientSampleId :
SO-4

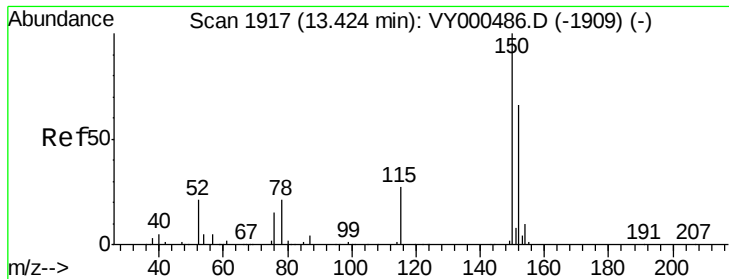
Tgt Ion: 95 Resp: 127788
Ion Ratio Lower Upper
95 100
174 76.9 0.0 161.6
176 73.6 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000559.D
Acq: 06 Nov 2019 18:07

Tgt Ion: 117 Resp: 265975
Ion Ratio Lower Upper
117 100
82 50.3 40.8 61.2
119 31.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000559.D

Acq: 06 Nov 2019 18:07

Instrument :

MSVOA_Y

ClientSampleId :

SO-4

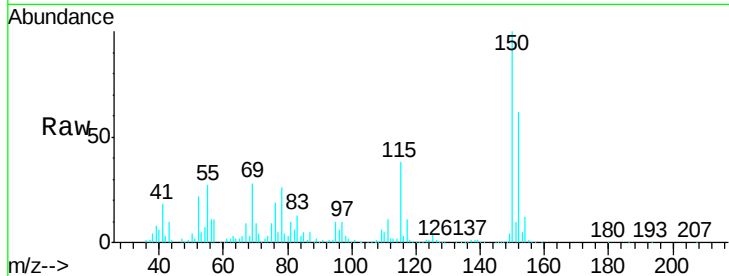
Tgt Ion:152 Resp: 135629

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.4

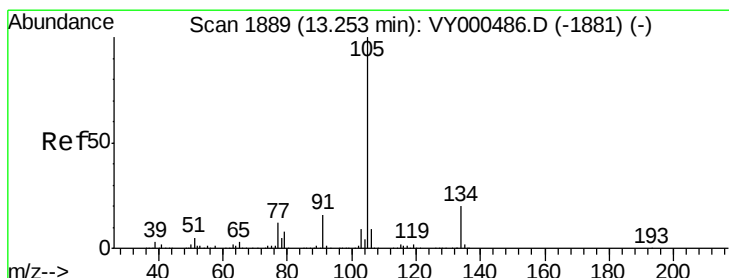
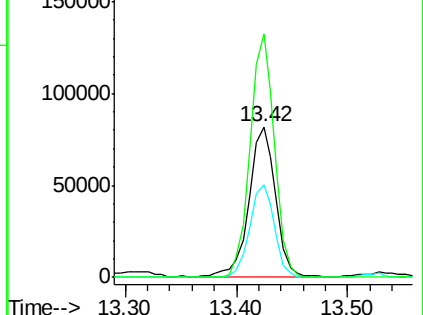
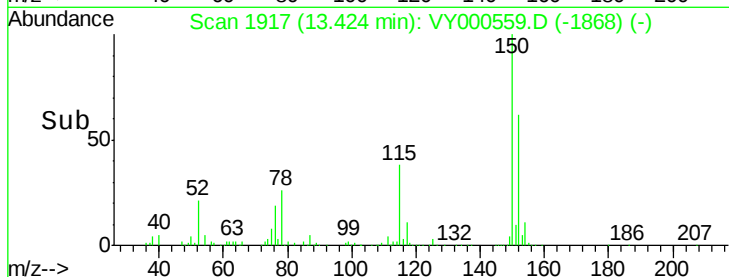
150 147.2 0.0 348.8



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



#85

sec-Butylbenzene

Concen: 1.124 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000559.D

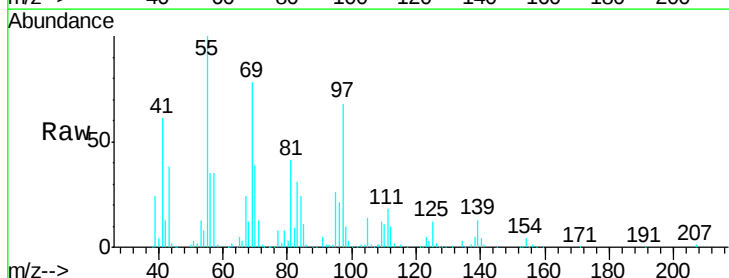
Acq: 06 Nov 2019 18:07

Tgt Ion:105 Resp: 11416

Ion Ratio Lower Upper

105 100

134 28.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

