

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000786.D
 Acq On : 22 Nov 2019 12:28
 Operator : SY/MD
 Sample : K5671-11
 Misc : 5.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-112119

Quant Time: Nov 23 04:40:30 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

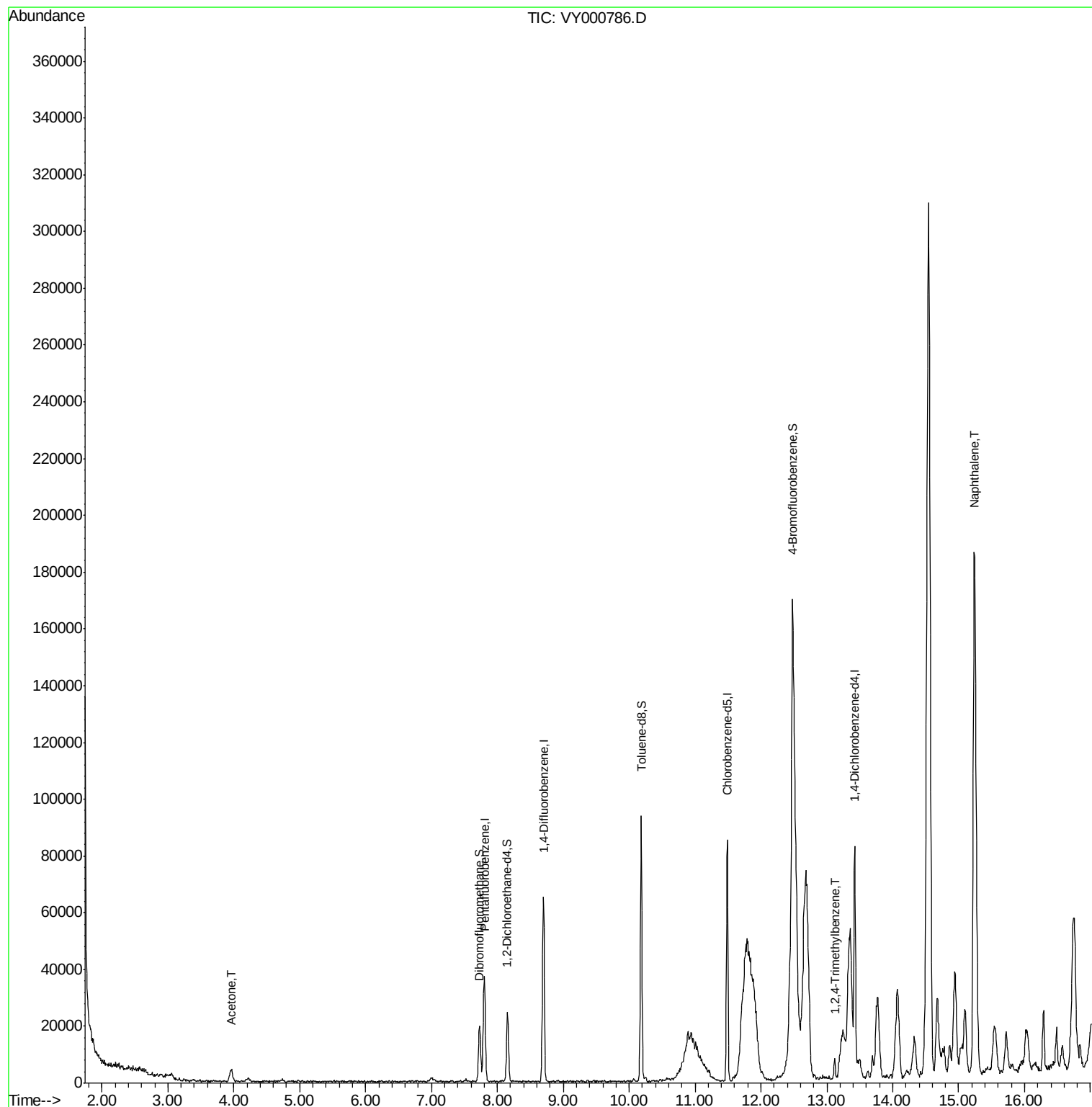
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	29701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	53630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	42191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	18536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	18098	58.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.76%	
35) Dibromofluoromethane	7.74	113	14207	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
50) Toluene-d8	10.18	98	59813	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.48	95	19564	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
Target Compounds						
16) Acetone	3.97	43	7992	94.341	ug/l #	82
84) 1,2,4-Trimethylbenzene	13.12	105	4194	3.692	ug/l	100
95) Naphthalene	15.23	128	45479	54.498	ug/l	96

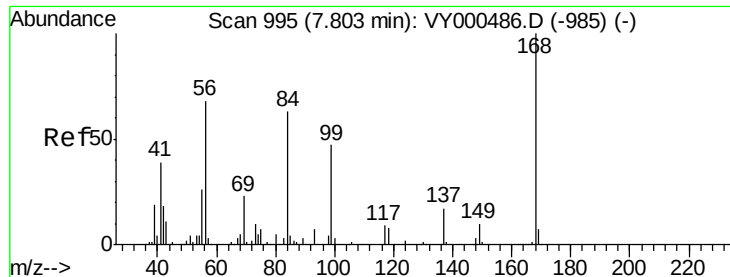
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000786.D

Acq: 22 Nov 2019 12:28

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MSVOA_Y

ClientSampleId :

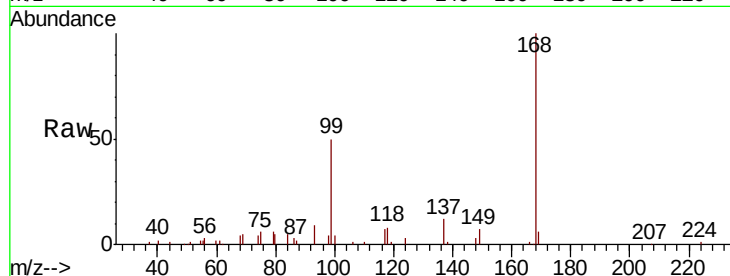
OR-02-112119

Tot Ion:168 Resp: 29701

Ion Ratio Lower Upper

168 100

99 49.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000786.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000786.D (-985) (-)

7.80

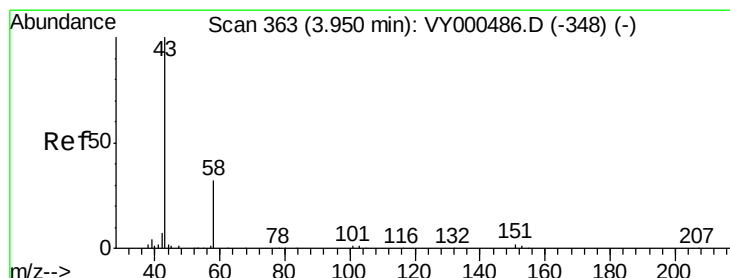
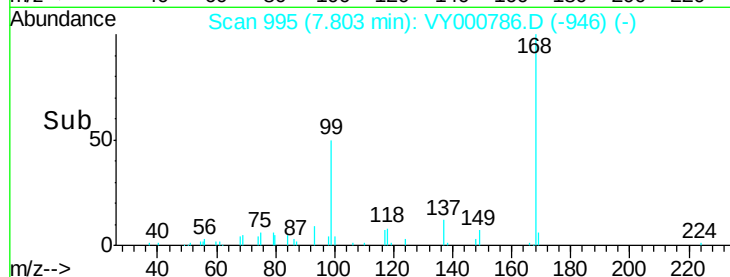
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 94.341 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY000786.D

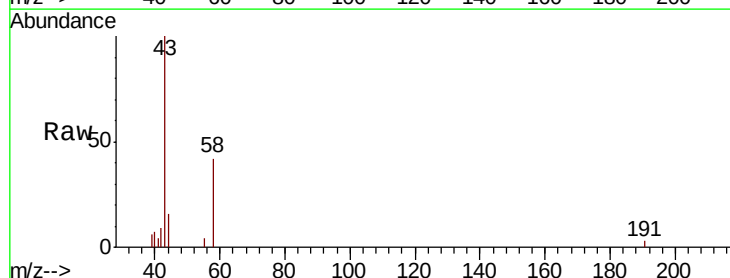
Acq: 22 Nov 2019 12:28

Tgt Ion: 43 Resp: 7992

Ion Ratio Lower Upper

43 100

58 42.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000786.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000786.D (-348) (-)

3.97

2500

2000

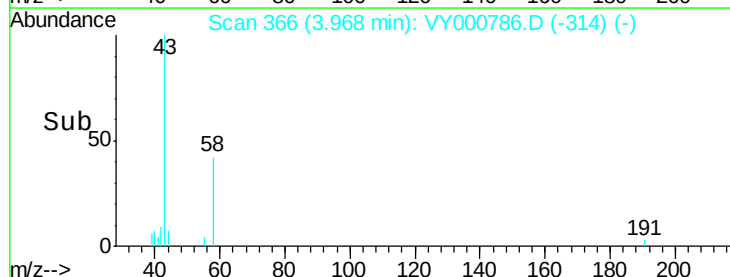
1500

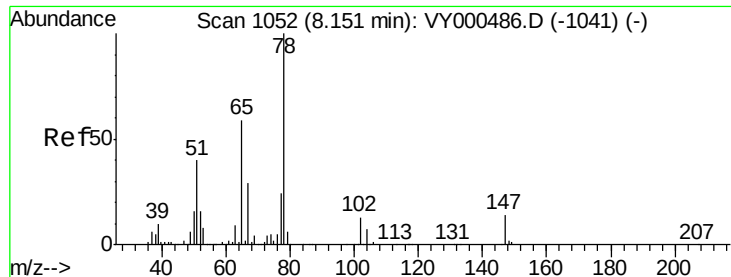
1000

500

0

Time-->

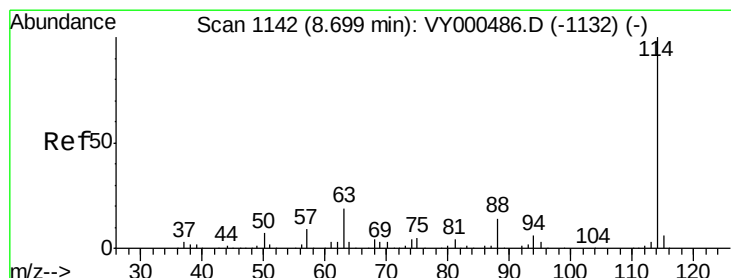
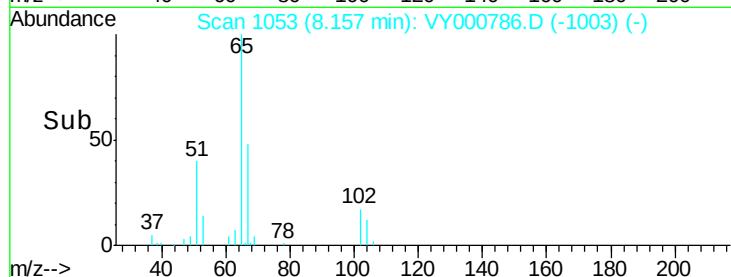
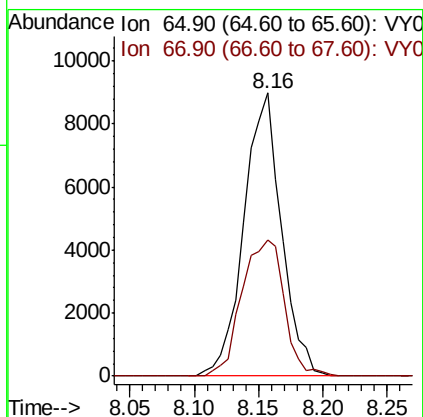
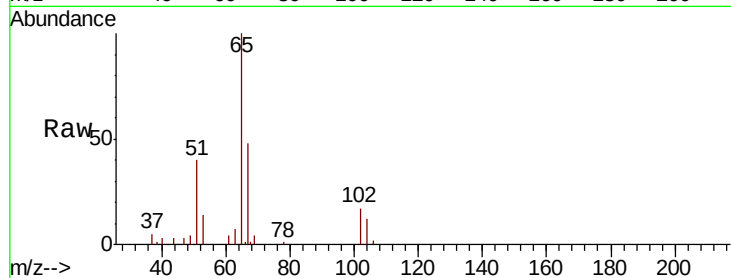




#33
 1,2-Dichloroethane-d4
 Concen: 58.881 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000786.D
 Acq: 22 Nov 2019 12:28

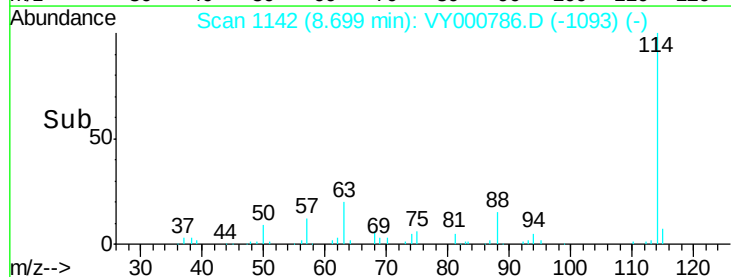
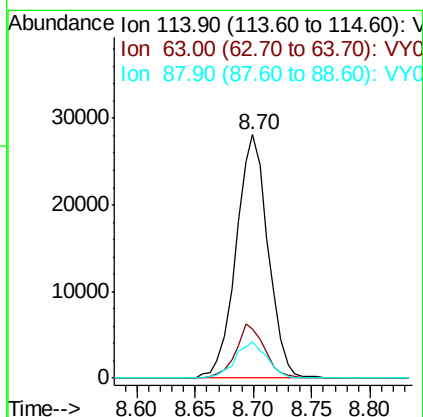
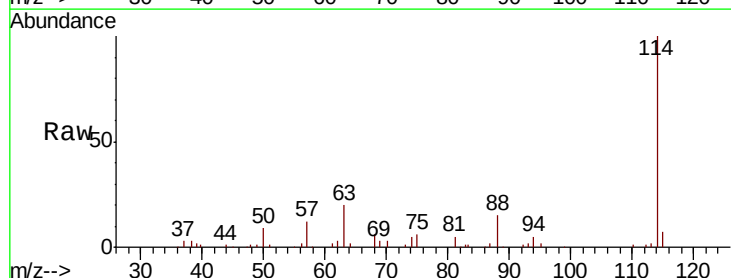
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-112119

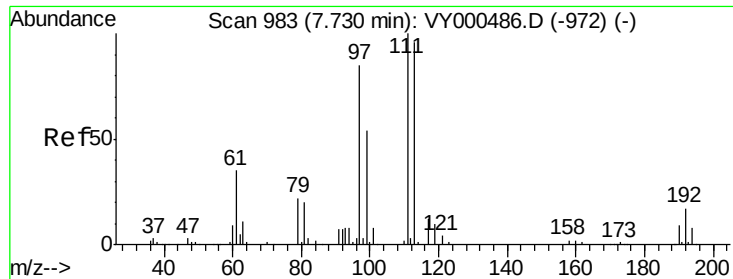
Tot Ion: 65 Resp: 18098
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000786.D
 Acq: 22 Nov 2019 12:28

Tgt Ion: 114 Resp: 53630
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.6 0.0 28.6





#35

Dibromofluoromethane

Concen: 45.124 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000786.D

Acq: 22 Nov 2019 12:28

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-112119

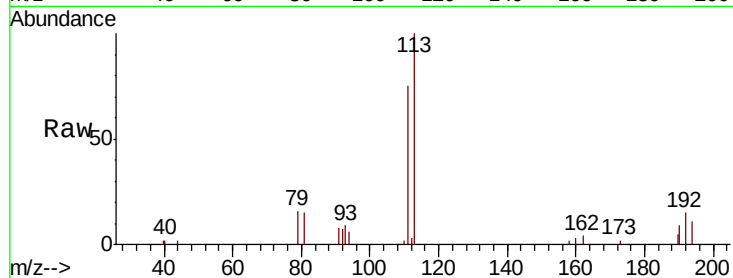
Tot Ion:113 Resp: 14207

Ion Ratio Lower Upper

113 100

111 94.7 81.7 122.5

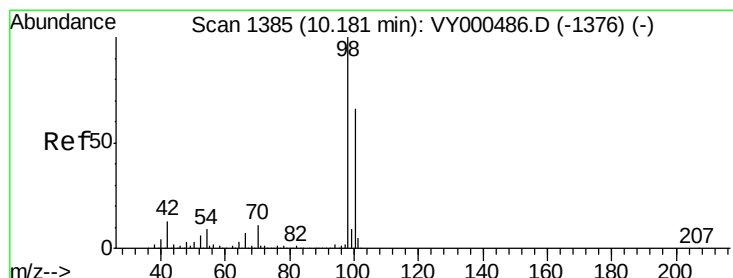
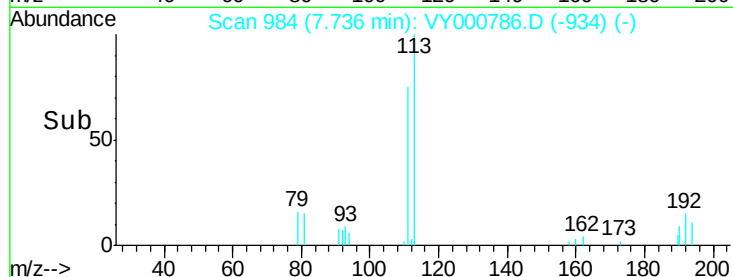
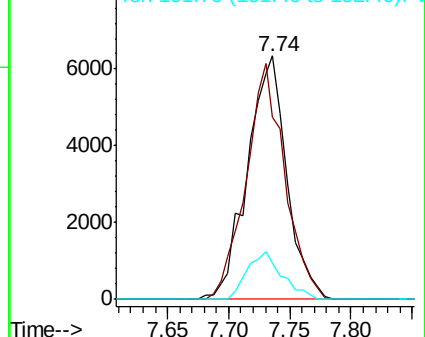
192 17.4 15.0 22.4



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



#50

Toluene-d8

Concen: 50.067 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000786.D

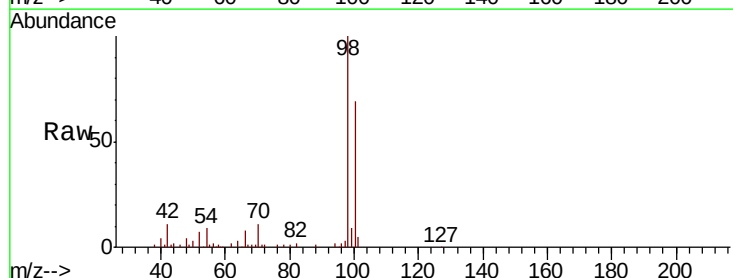
Acq: 22 Nov 2019 12:28

Tgt Ion: 98 Resp: 59813

Ion Ratio Lower Upper

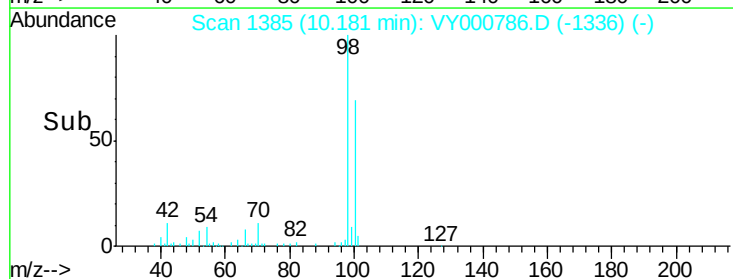
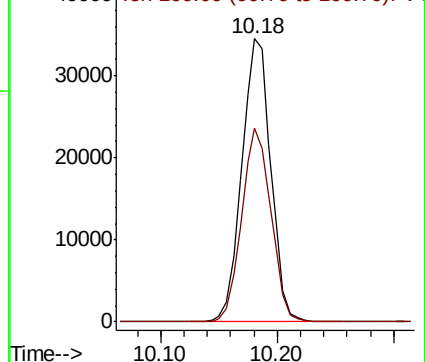
98 100

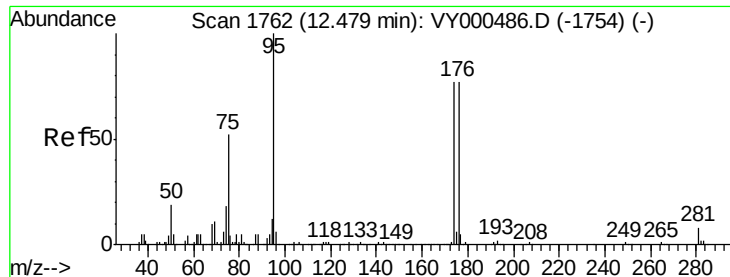
100 69.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

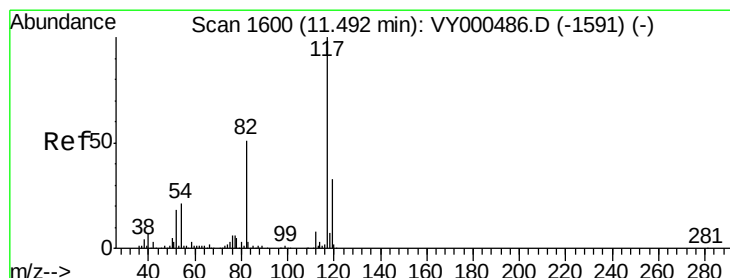
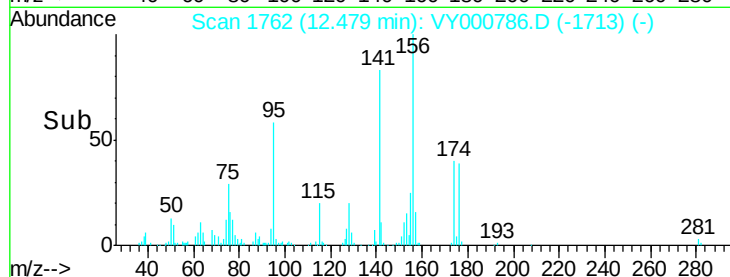
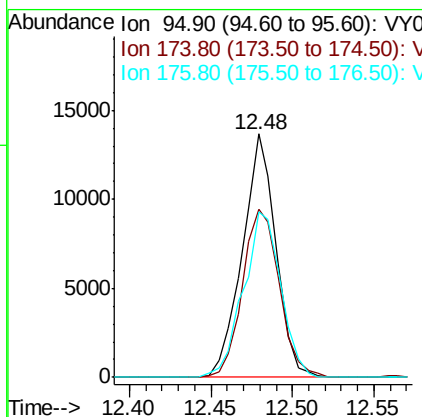
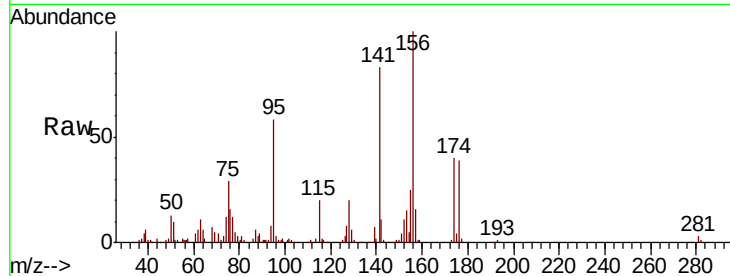




#62
4-Bromofluorobenzene
Concen: 43.017 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000786.D
Acq: 22 Nov 2019 12:28

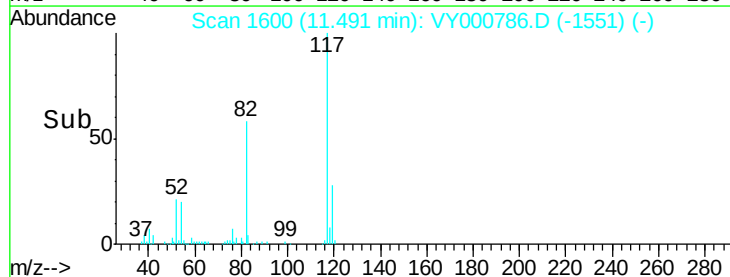
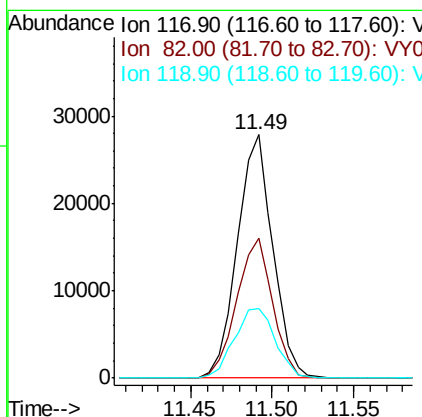
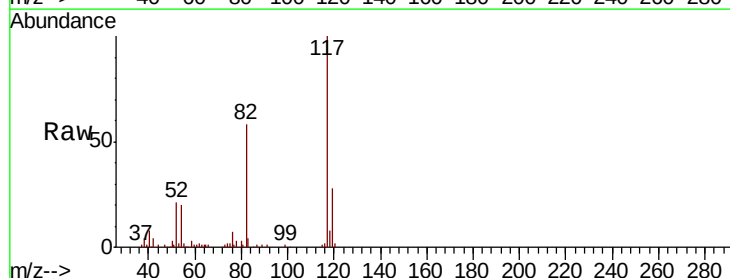
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

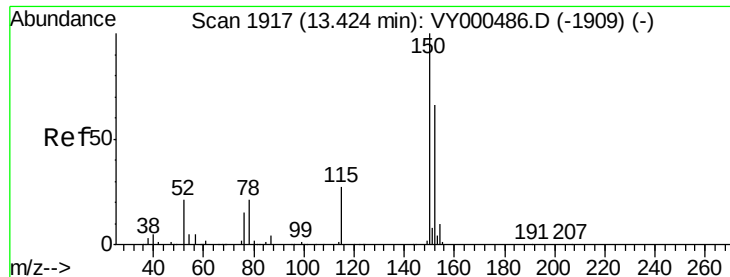
Tot Ion	95	174	176
Resp:	19564		
Ratio	100	76.0	75.6
Lower		0.0	0.0
Upper		161.6	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000786.D
Acq: 22 Nov 2019 12:28

Tgt Ion	117	82	119
Resp:	42191		
Ratio	100	57.6	28.5
Lower		40.8	26.2
Upper		61.2	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: VY000786.D

Acq: 22 Nov 2019 12:28

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-112119

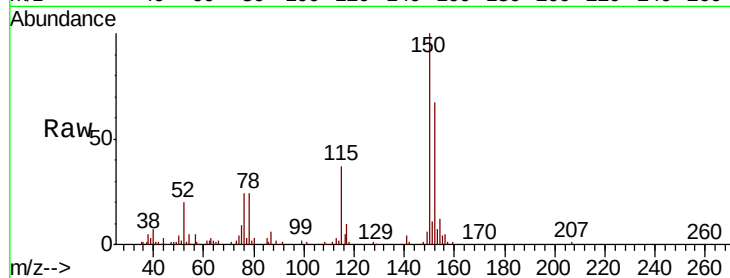
Tot Ion:152 Resp: 18536

Ion Ratio Lower Upper

152 100

115 63.0 29.1 87.4

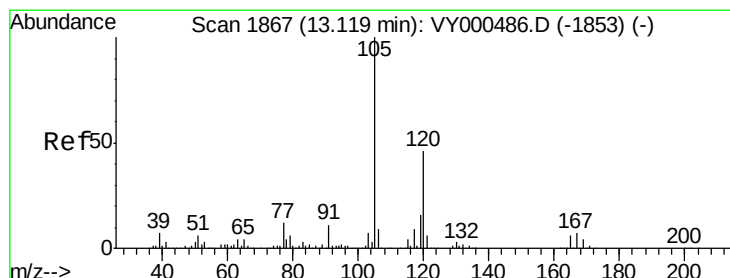
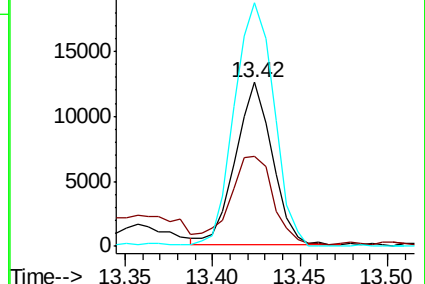
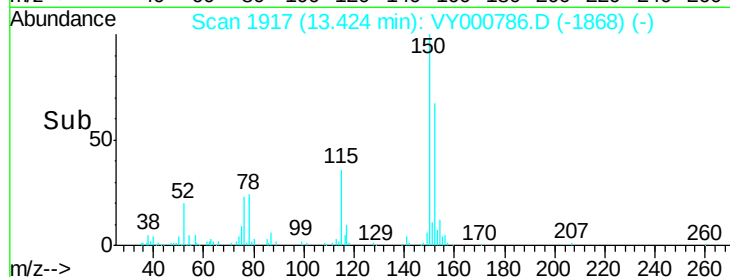
150 159.5 0.0 348.8



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



#84

1,2,4-Trimethylbenzene

Concen: 3.692 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000786.D

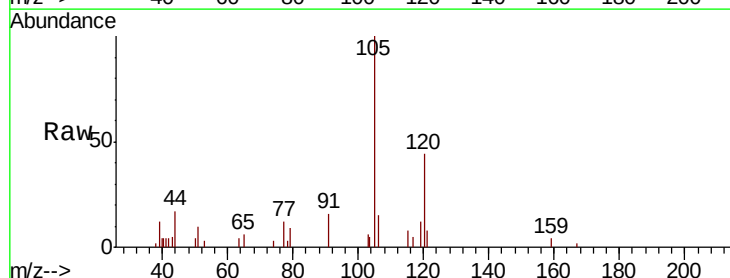
Acq: 22 Nov 2019 12:28

Tgt Ion:105 Resp: 4194

Ion Ratio Lower Upper

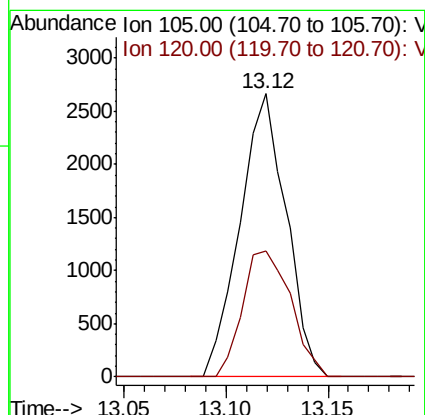
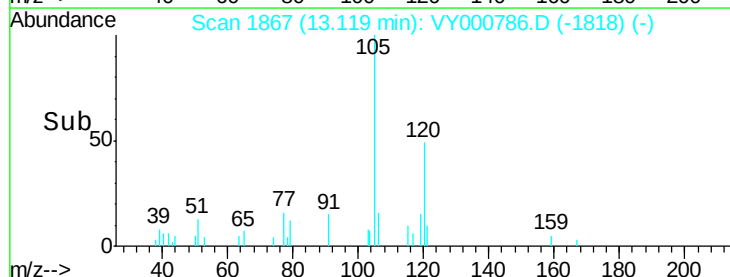
105 100

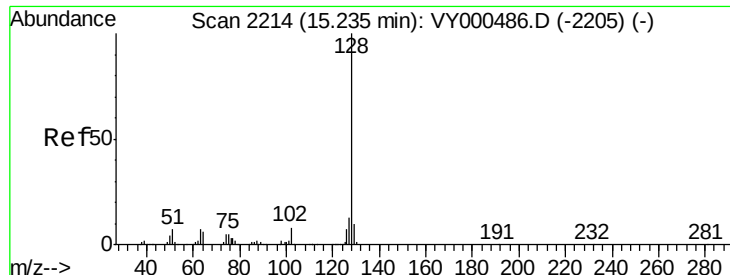
120 46.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

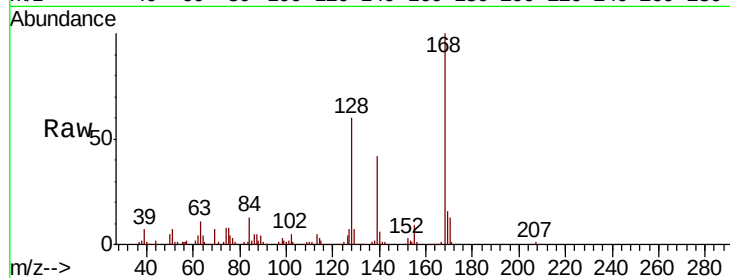




#95
Naphthalene
Concen: 54.498 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000786.D
Acq: 22 Nov 2019 12:28

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	9.8	14.6
129	12.7	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

