

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000790.D
 Acq On : 22 Nov 2019 16:27
 Operator : SY/MD
 Sample : K5977-01RE
 Misc : 3.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112119-0-1-GRAB-B1RE

Quant Time: Nov 23 05:30:53 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

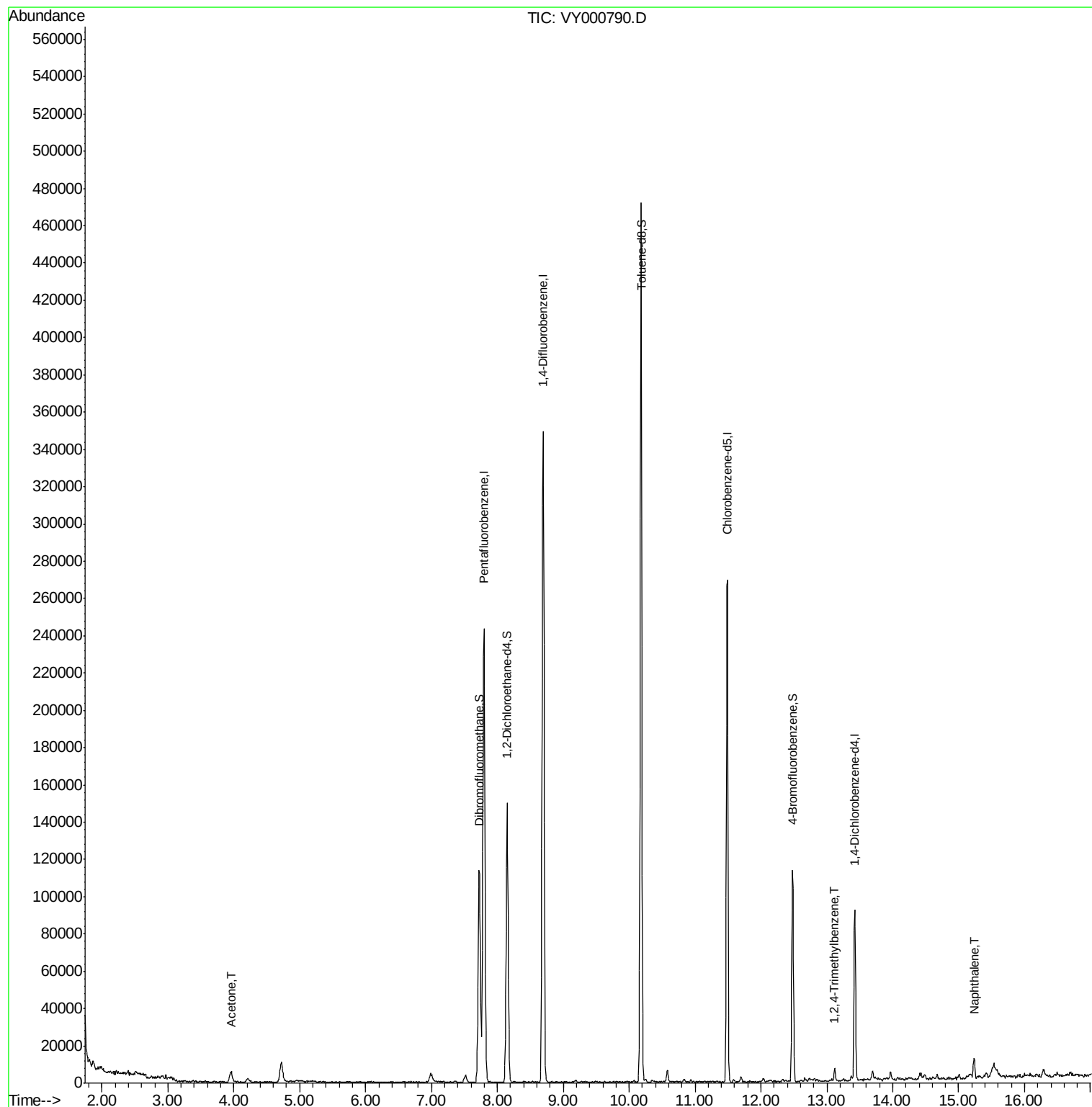
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	182567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	299549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	143045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	21906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	109707	58.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.14%	
35) Dibromofluoromethane	7.72	113	83915	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	10.18	98	305848	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
62) 4-Bromofluorobenzene	12.48	95	34747	13.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.36%	
Target Compounds						
16) Acetone	3.96	43	10467	20.101	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.11	105	3697	2.754	ug/l	98
95) Naphthalene	15.23	128	8694	8.815	ug/l	97

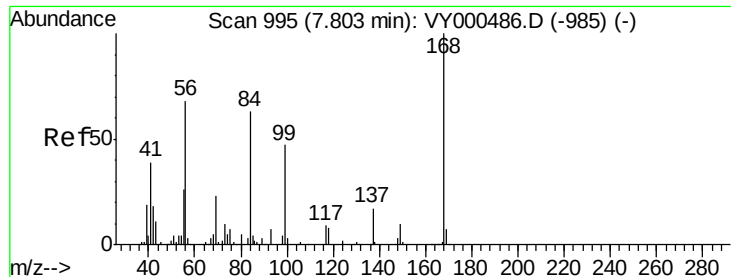
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
Data File : VY000790.D
Acq On : 22 Nov 2019 16:27
Operator : SY/MD
Sample : K5977-01RE
Misc : 3.95G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112119-0-1-GRAB-B1RE

Quant Time: Nov 23 05:30:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000790.D

Acq: 22 Nov 2019 16:27

Instrument :

MSVOA_Y

ClientSampleId :

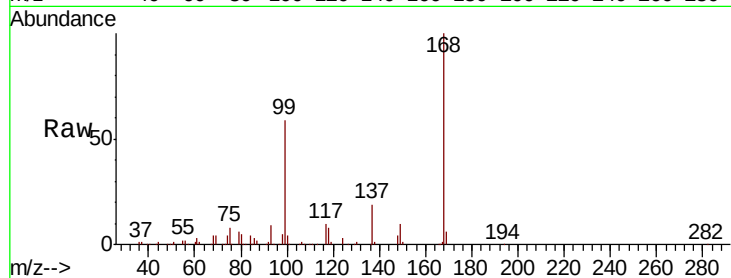
WS-112119-0-1-GRAB-B1RE

Tot Ion:168 Resp: 182567

Ion Ratio Lower Upper

168 100

99 58.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000790.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000790.D (-946) (-)

7.80

80000

60000

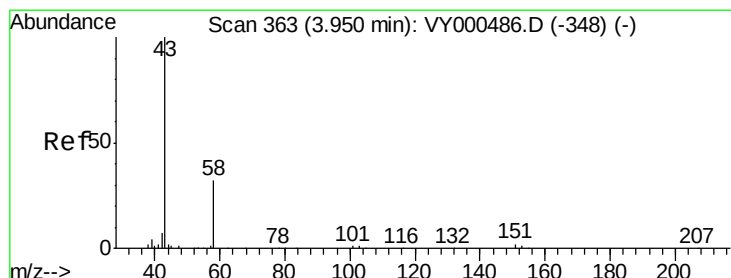
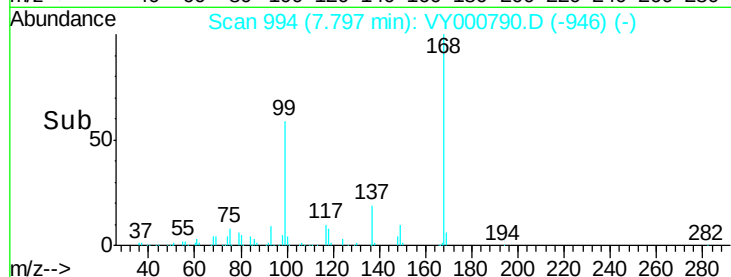
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 20.101 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000790.D

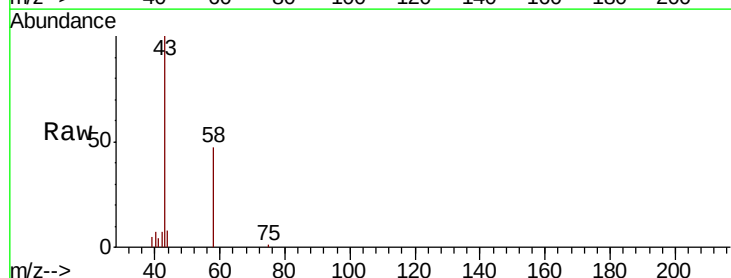
Acq: 22 Nov 2019 16:27

Tgt Ion: 43 Resp: 10467

Ion Ratio Lower Upper

43 100

58 47.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000790.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY000790.D (-314) (-)

3.96

4000

3000

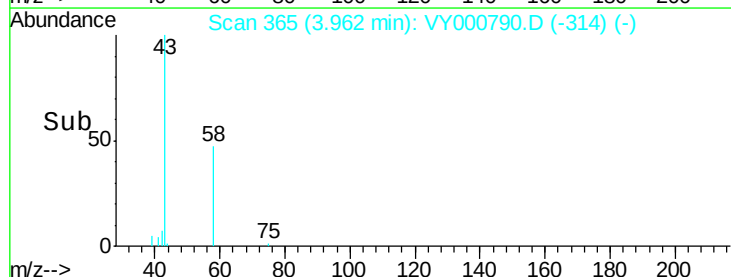
2000

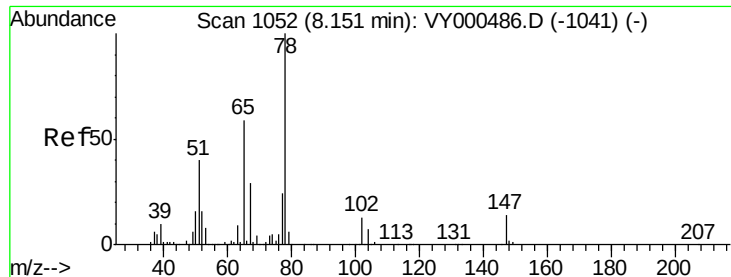
1000

0

3.90 4.00

Time-->

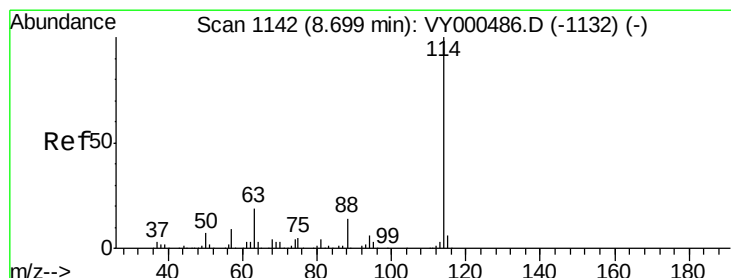
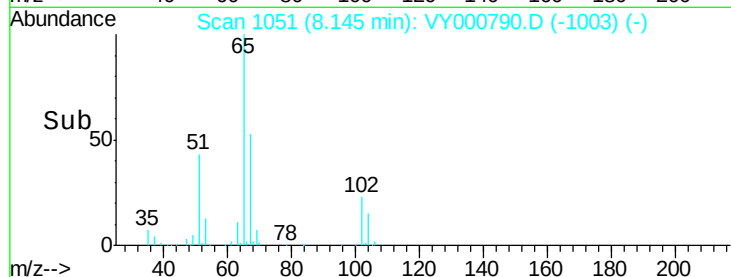
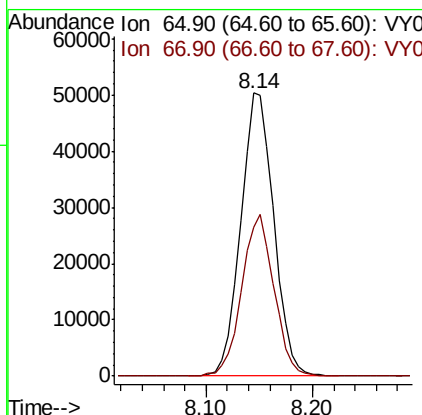
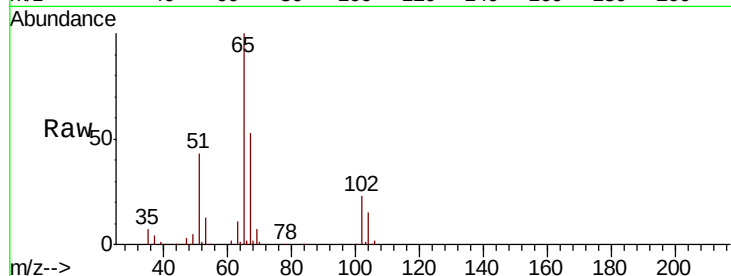




#33
 1,2-Dichloroethane-d4
 Concen: 58.067 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000790.D
 Acq: 22 Nov 2019 16:27

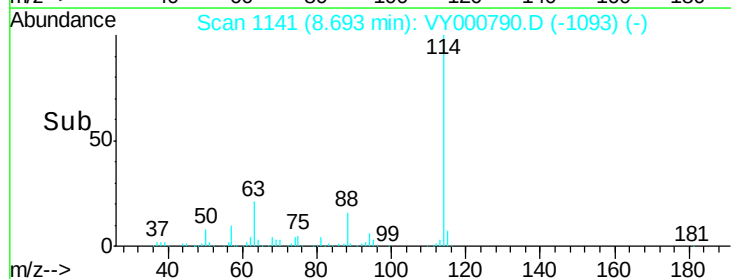
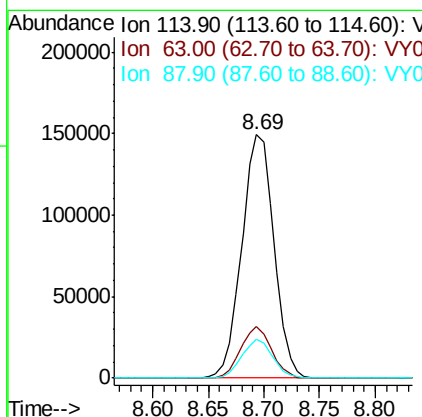
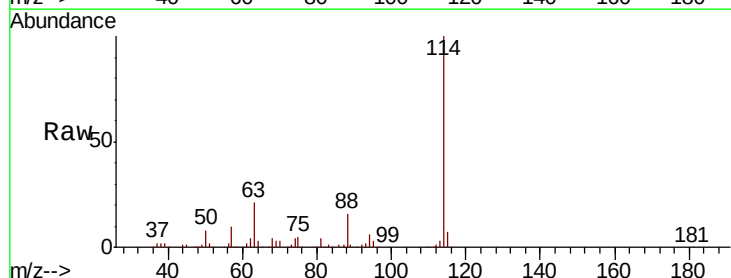
Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112119-0-1-GRAB-B1RE

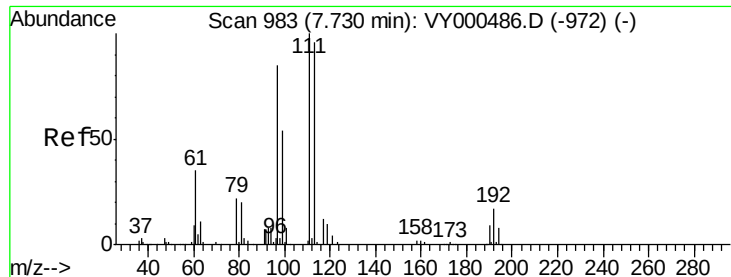
Tot Ion: 65 Resp: 109707
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000790.D
 Acq: 22 Nov 2019 16:27

Tgt Ion: 114 Resp: 299549
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 38.0
 88 16.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.718 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000790.D

Acq: 22 Nov 2019 16:27

Instrument :

MSVOA_Y

ClientSampleId :

WS-112119-0-1-GRAB-B1RE

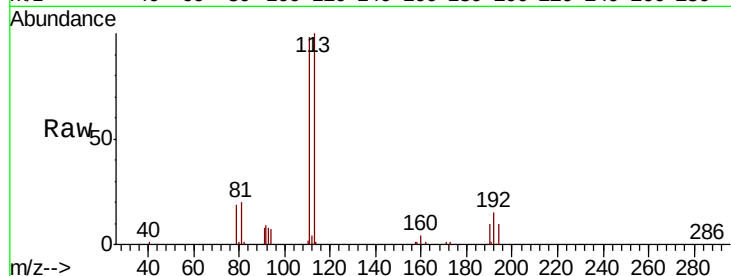
Tot Ion:113 Resp: 83915

Ion Ratio Lower Upper

113 100

111 101.2 81.7 122.5

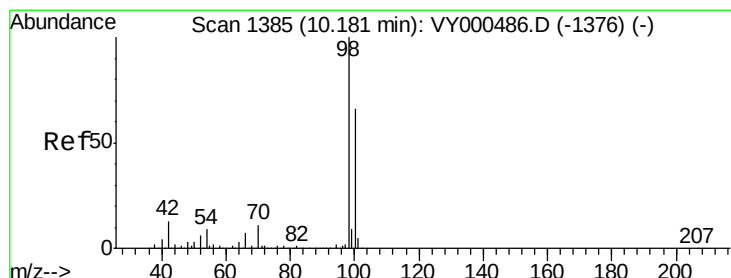
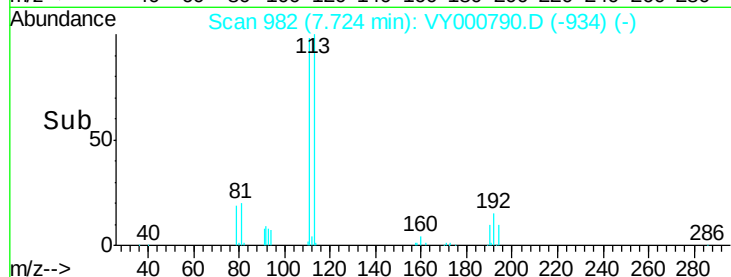
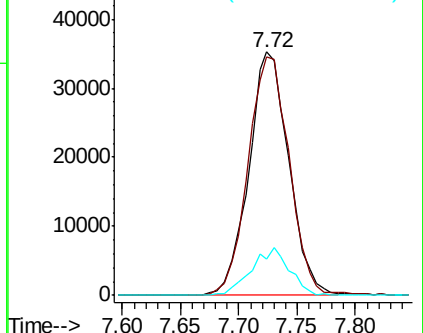
192 18.7 15.0 22.4



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: 45.835 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000790.D

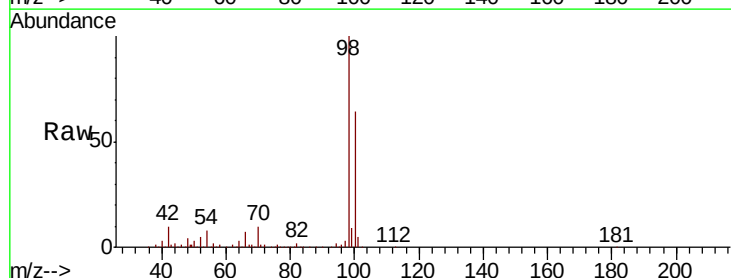
Acq: 22 Nov 2019 16:27

Tgt Ion: 98 Resp: 305848

Ion Ratio Lower Upper

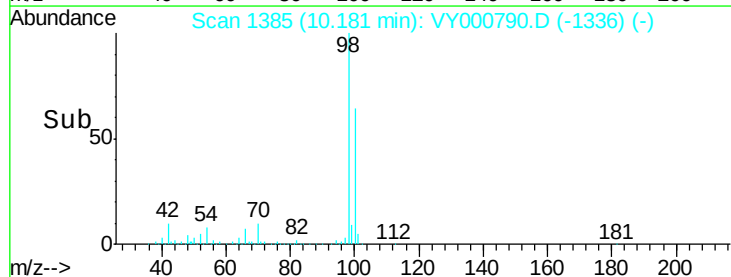
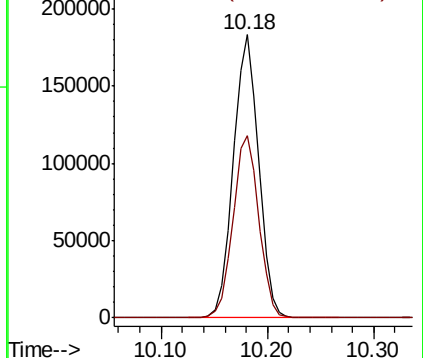
98 100

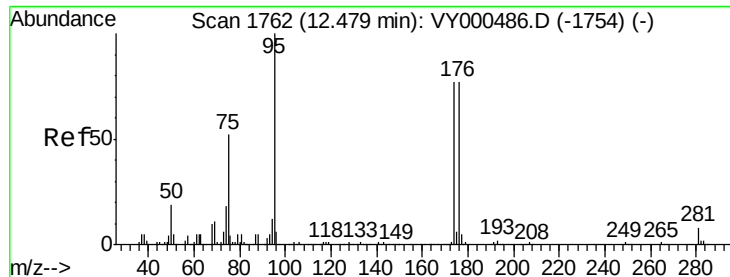
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

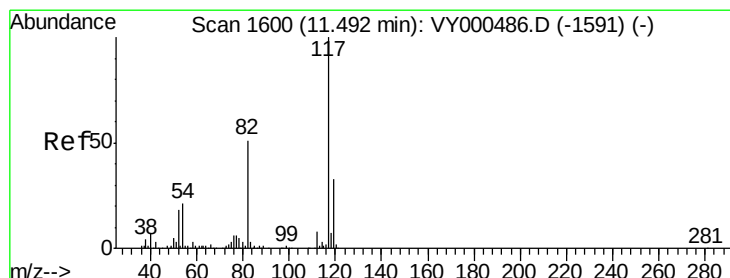
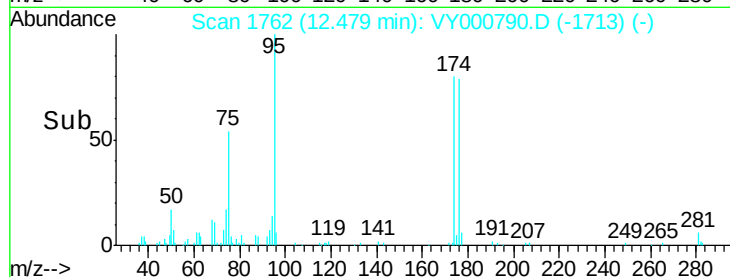
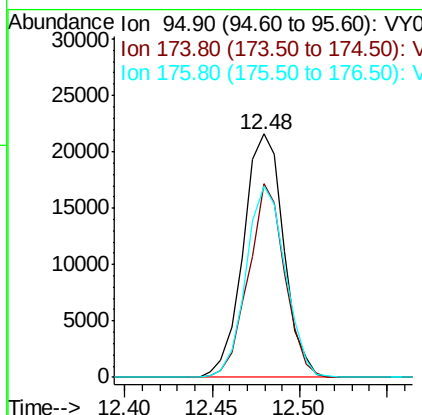
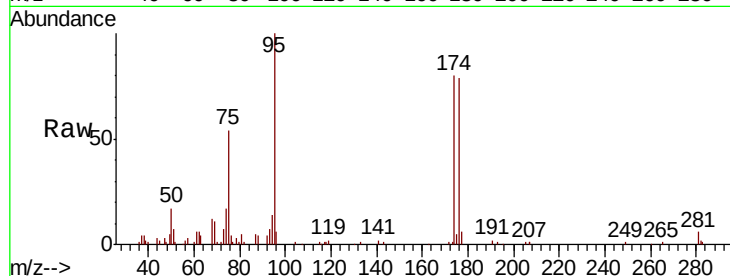




#62
4-Bromofluorobenzene
Concen: 13.678 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000790.D
Acq: 22 Nov 2019 16:27

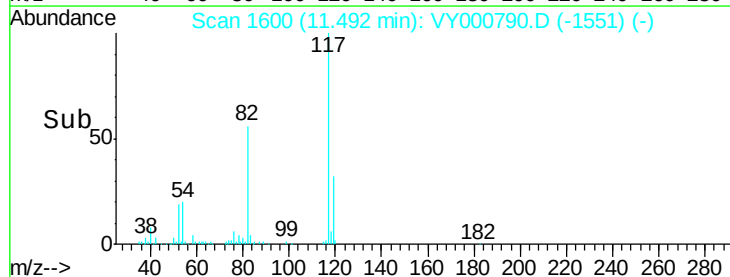
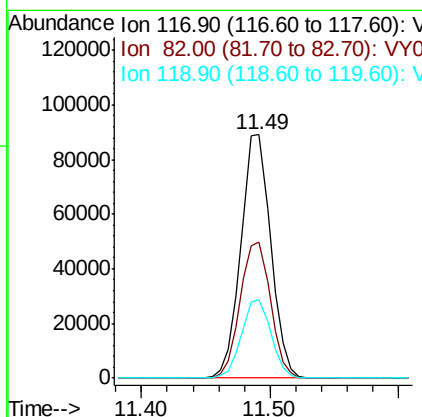
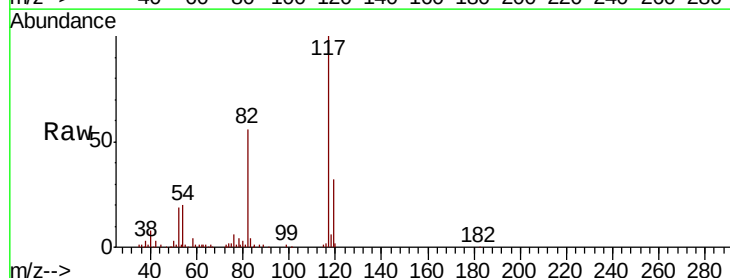
Instrument :
MSVOA_Y
ClientSampleId :
WS-112119-0-1-GRAB-B1RE

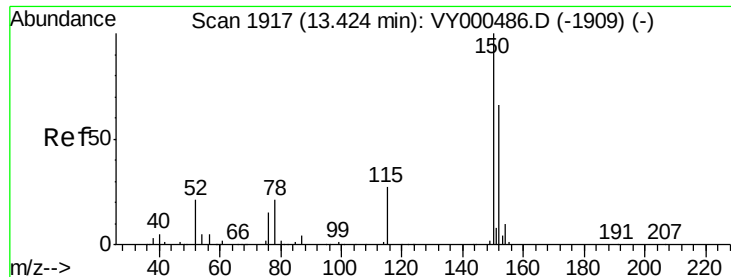
Tot Ion	95	Resp	34747
Ion Ratio	100	Lower	Upper
174	71.7	0.0	161.6
176	76.8	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000790.D
Acq: 22 Nov 2019 16:27

Tgt Ion	117	Resp	143045
Ion Ratio	100	Lower	Upper
82	56.1	40.8	61.2
119	32.4	26.2	39.2



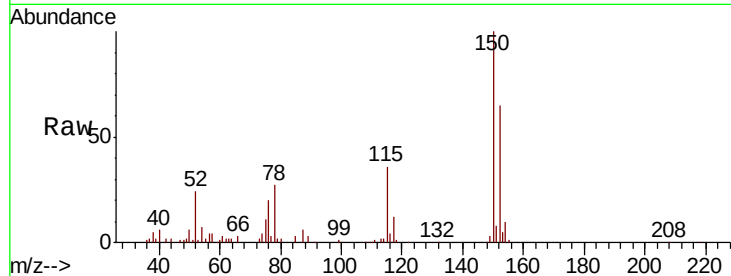


#72

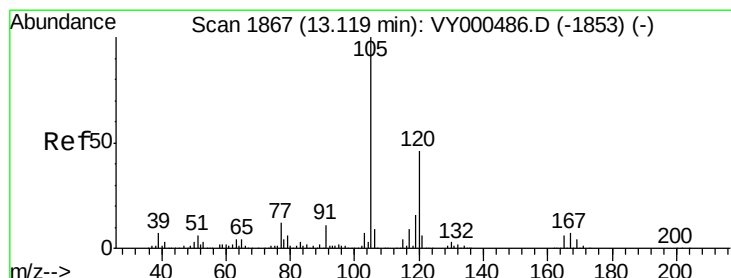
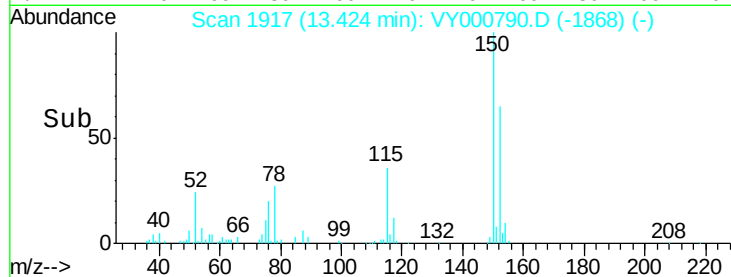
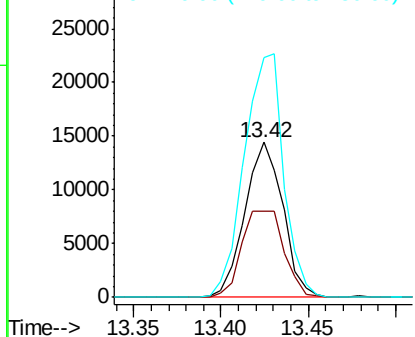
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000790.D
Acq: 22 Nov 2019 16:27

Instrument :
MSVOA_Y
ClientSampleId :
WS-112119-0-1-GRAB-B1RE

Tot Ion:152 Resp: 21906
Ion Ratio Lower Upper
152 100
115 62.9 29.1 87.4
150 162.2 0.0 348.8



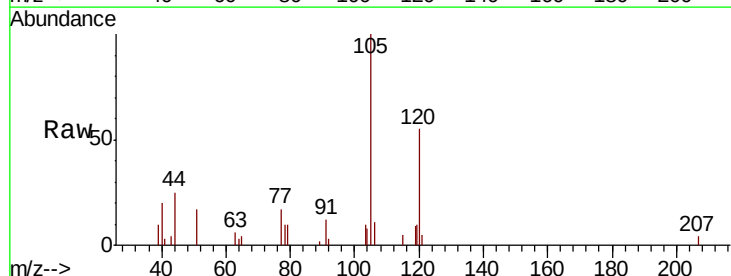
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



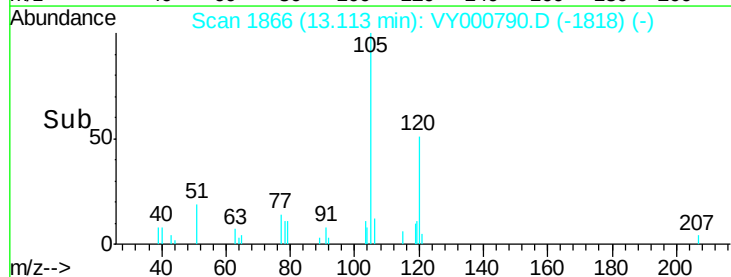
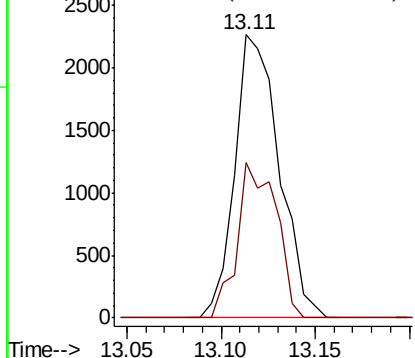
#84

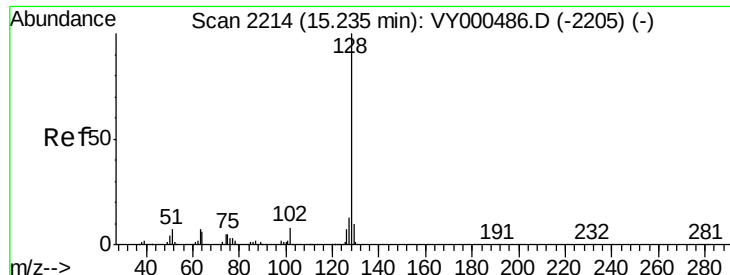
1,2,4-Trimethylbenzene
Concen: 2.754 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000790.D
Acq: 22 Nov 2019 16:27

Tgt Ion:105 Resp: 3697
Ion Ratio Lower Upper
105 100
120 48.1 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: 8.815 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000790.D

Acq: 22 Nov 2019 16:27

Instrument :

MSVOA_Y

ClientSampleId :

WS-112119-0-1-GRAB-B1RE

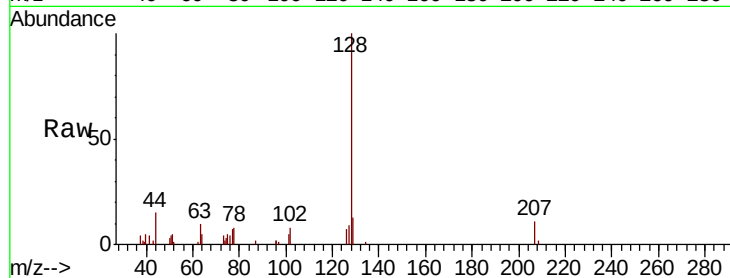
Tot Ion:128 Resp: 8694

Ion Ratio Lower Upper

128 100

127 13.0 9.8 14.6

129 12.8 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

