

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001098.D
 Acq On : 27 Dec 2019 15:22
 Operator : SY/MD
 Sample : K6443-06
 Misc : 6.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH-2

Quant Time: Dec 28 04:33:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

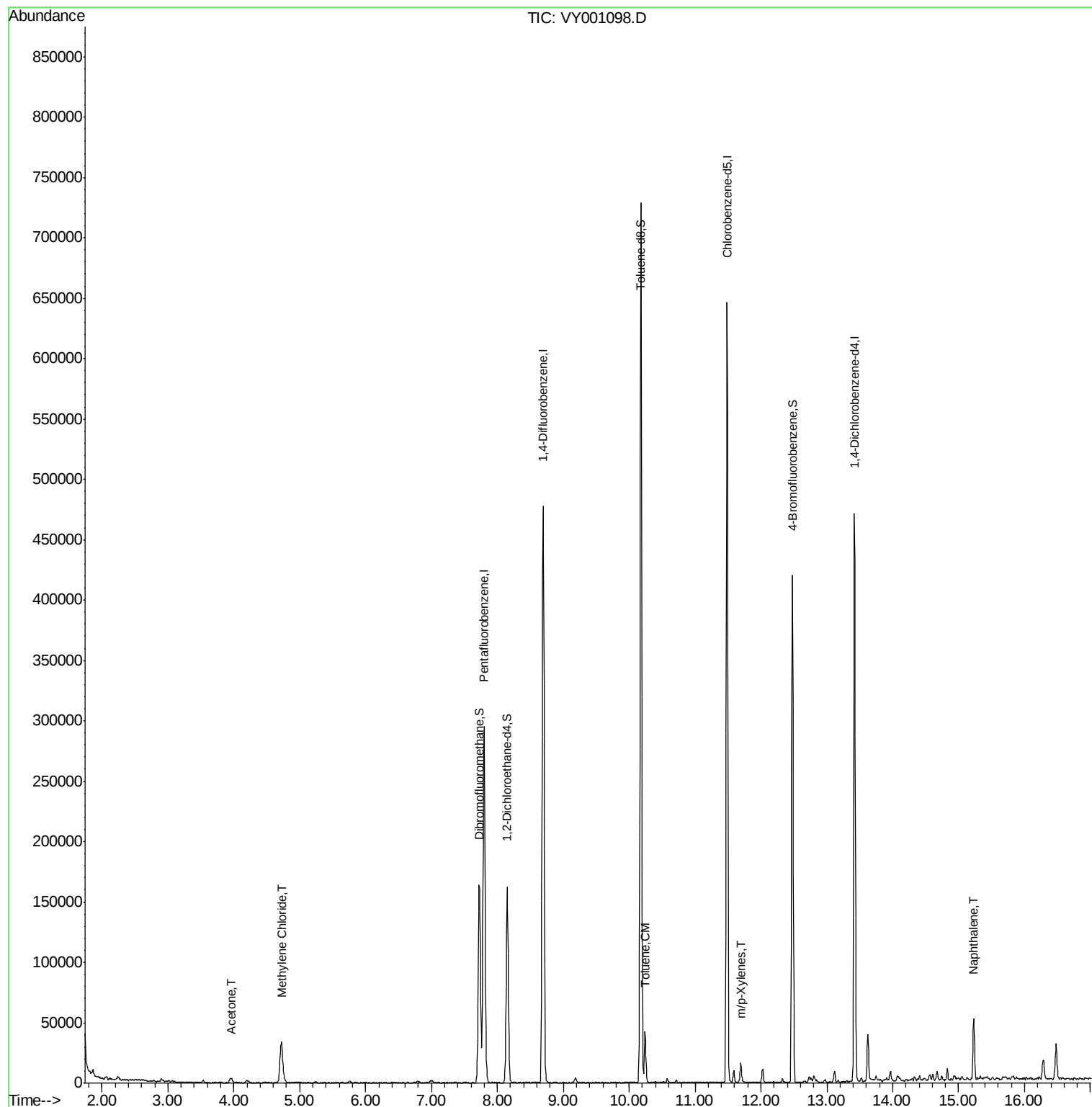
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	425856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	352156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118167	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.72	113	121662	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	10.17	98	494462	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.48	95	135029	37.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.38%	
Target Compounds						
16) Acetone	3.96	43	5910	11.355	ug/l	99
20) Methylene Chloride	4.72	84	26567	8.672	ug/l	91
52) Toluene	10.24	92	16783	2.225	ug/l	97
68) m/p-Xylenes	11.70	106	5204	1.043	ug/l	95
95) Naphthalene	15.23	128	39870	6.905	ug/l	98

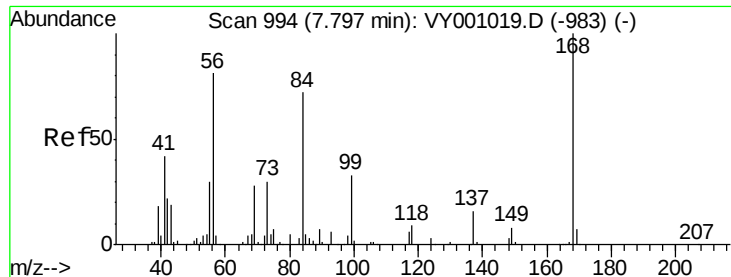
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
Data File : VY001098.D
Acq On : 27 Dec 2019 15:22
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Misc : 6.73G/5ML/MSVOA Y/SOIL
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Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001098.D

Acq: 27 Dec 2019 15:22

Instrument :

MSVOA_Y

ClientSampled :

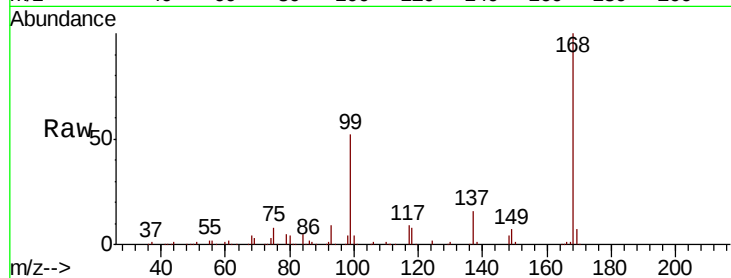
PH-2

Tot Ion:168 Resp: 229065

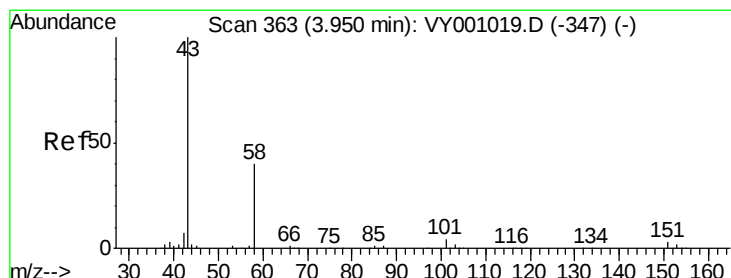
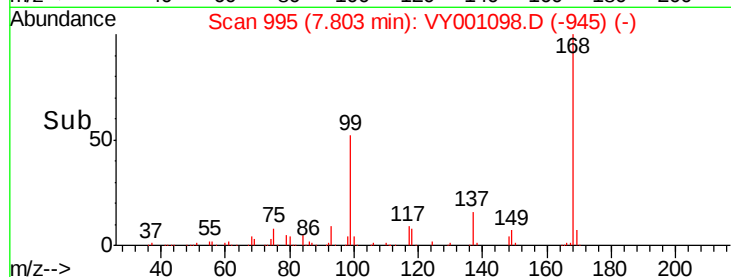
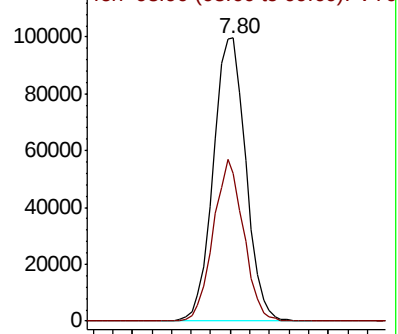
Ion Ratio Lower Upper

168 100

99 52.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)



#16

Acetone

Concen: 11.355 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001098.D

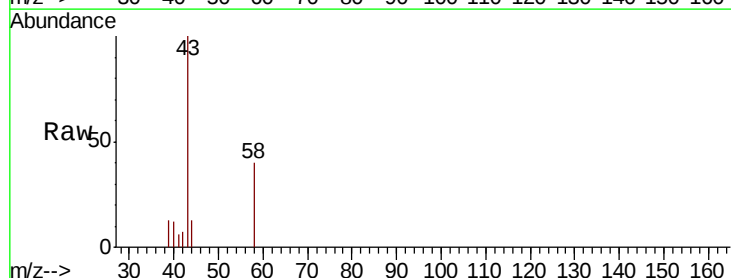
Acq: 27 Dec 2019 15:22

Tgt Ion: 43 Resp: 5910

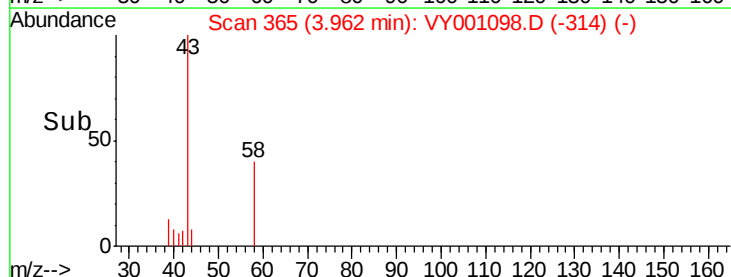
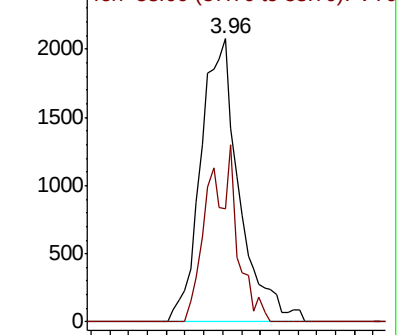
Ion Ratio Lower Upper

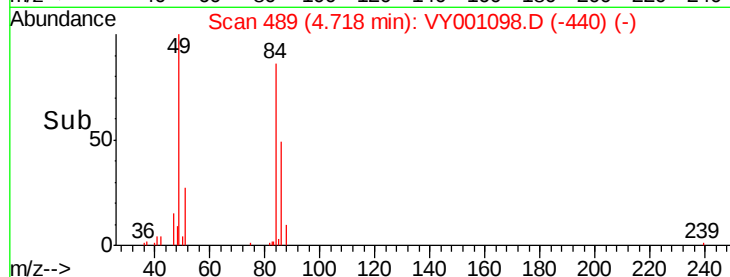
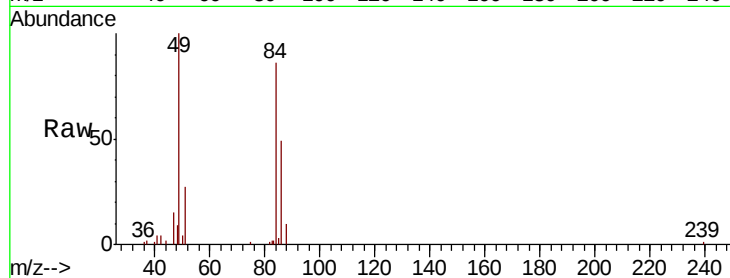
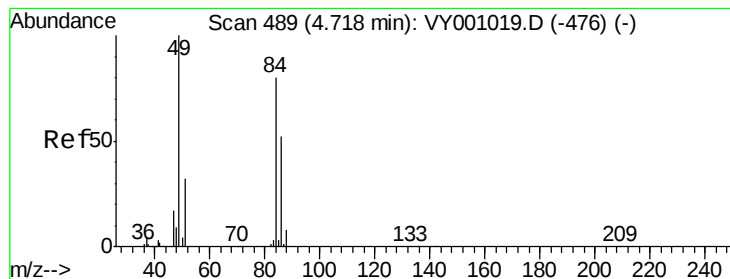
43 100

58 39.8 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)





#20

Methylene Chloride

Concen: 8.672 ug/l

RT: 4.72 min Scan# 489

Delta R.T. 0.00 min

Lab File: VY001098.D

Acq: 27 Dec 2019 15:22

Instrument :

MSVOA_Y

ClientSampleId :

PH-2

Tot Ion: 84 Resp: 26567

Ion	Ratio	Lower	Upper
84	100		
49	116.9	99.8	149.6
51	31.8	31.4	47.2
86	56.9	52.2	78.2

84 100

49 116.9 99.8 149.6

51 31.8 31.4 47.2

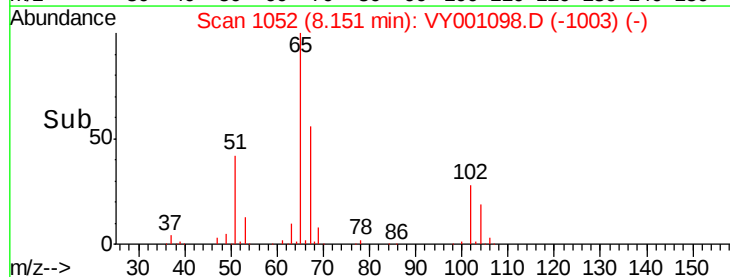
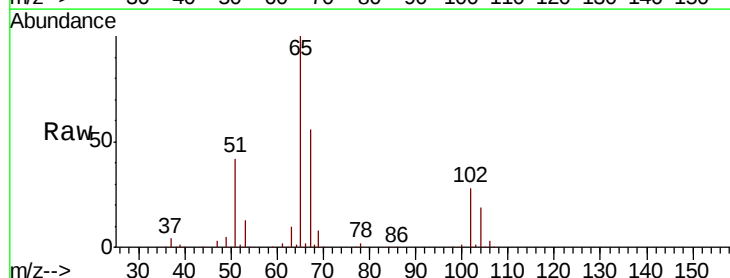
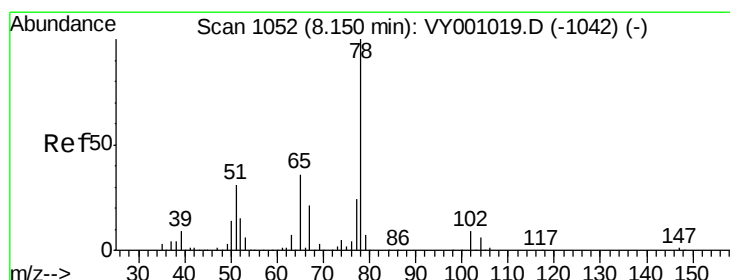
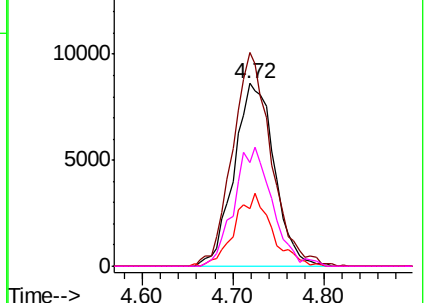
86 56.9 52.2 78.2

Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 52.304 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001098.D

Acq: 27 Dec 2019 15:22

Tgt Ion: 65 Resp: 118167

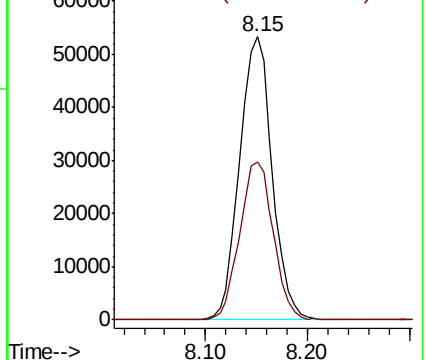
Ion	Ratio	Lower	Upper
65	100		
67	57.5	0.0	112.8

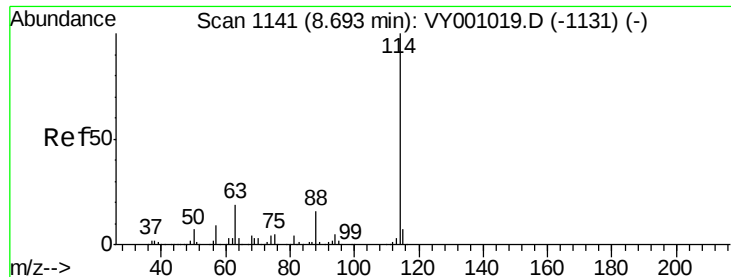
65 100

67 57.5 0.0 112.8

Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

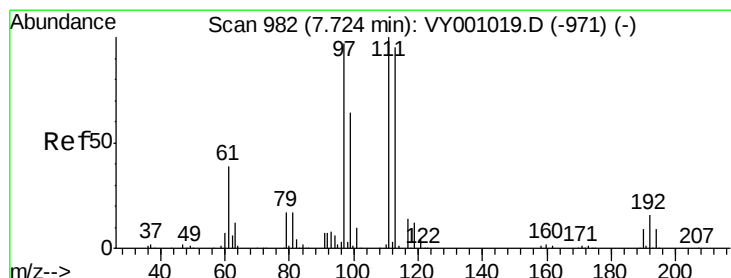
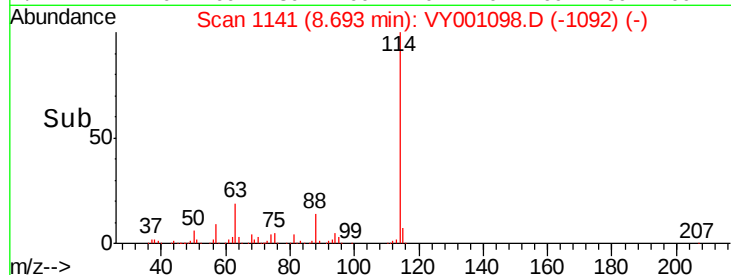
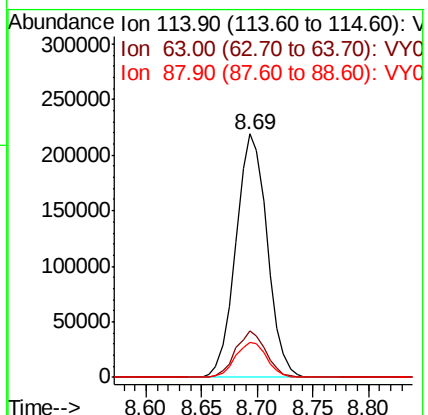
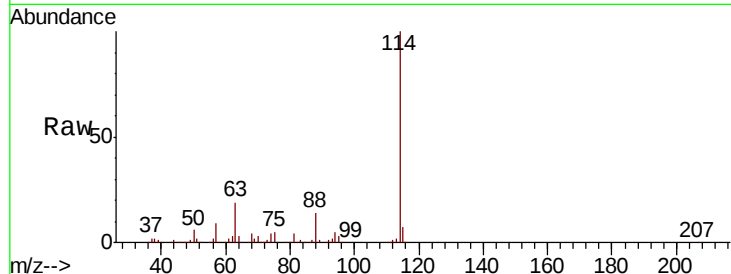




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001098.D
 Acq: 27 Dec 2019 15:22

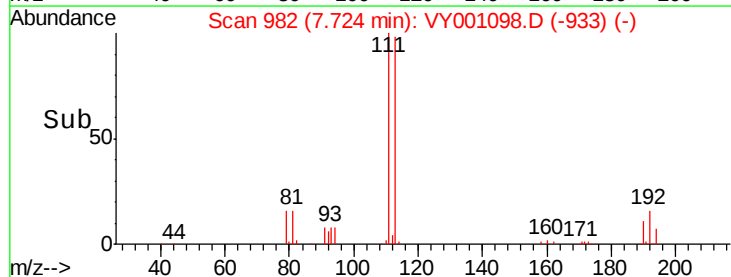
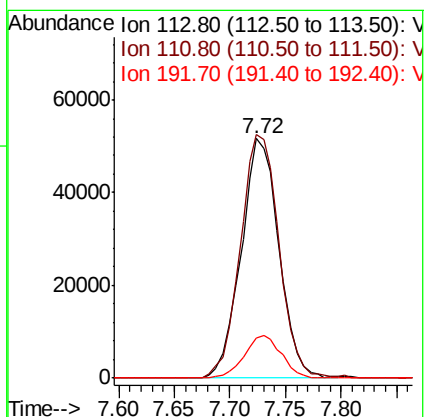
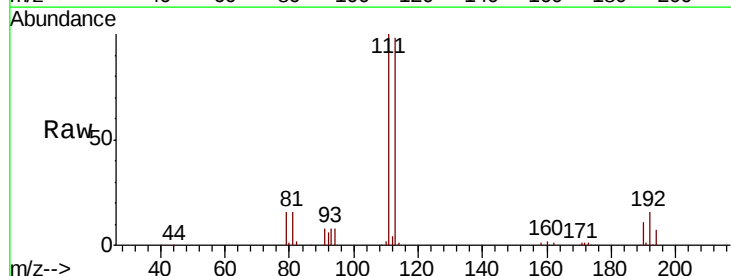
Instrument :
 MSVOA_Y
 ClientSampled :
 PH-2

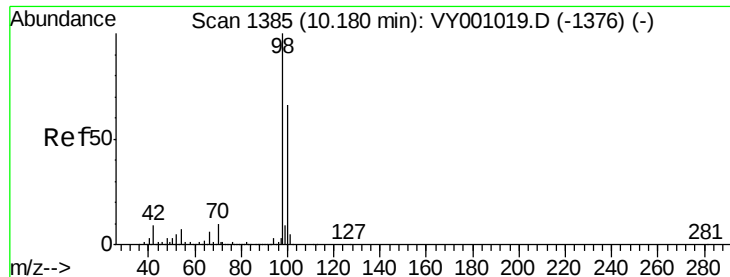
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.0
88	14.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.516 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001098.D
 Acq: 27 Dec 2019 15:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.4
192	17.6	14.6	21.8





#50

Toluene-d8

Concen: 50.456 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY001098.D

Acq: 27 Dec 2019 15:22

Instrument :

MSVOA_Y

ClientSampleId :

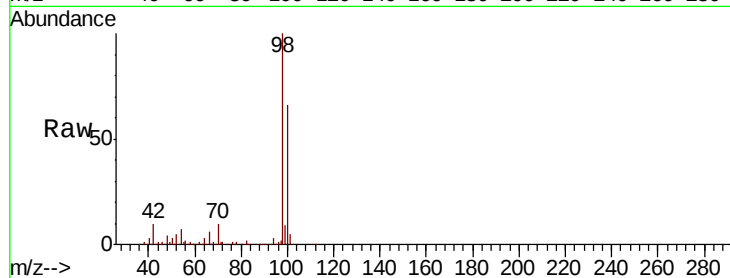
PH-2

Tot Ion: 98 Resp: 494462

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.17

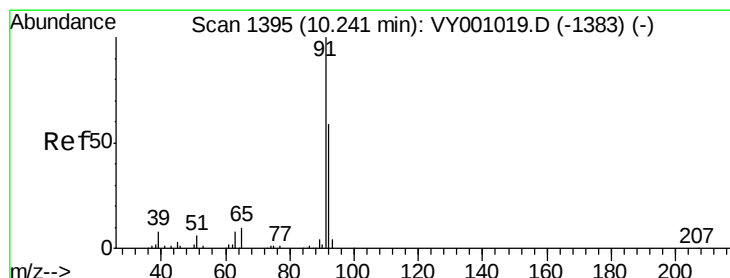
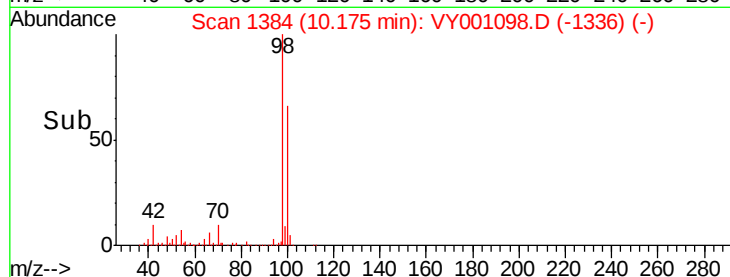
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 2.225 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001098.D

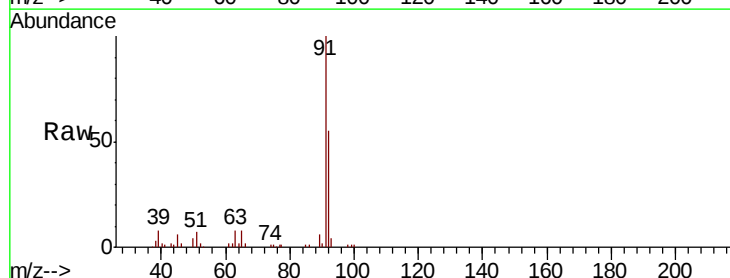
Acq: 27 Dec 2019 15:22

Tgt Ion: 92 Resp: 16783

Ion Ratio Lower Upper

92 100

91 174.1 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

20000

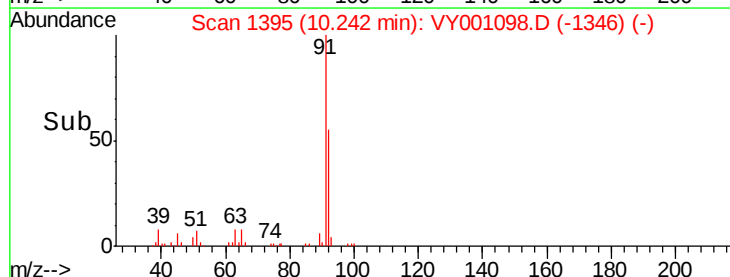
15000

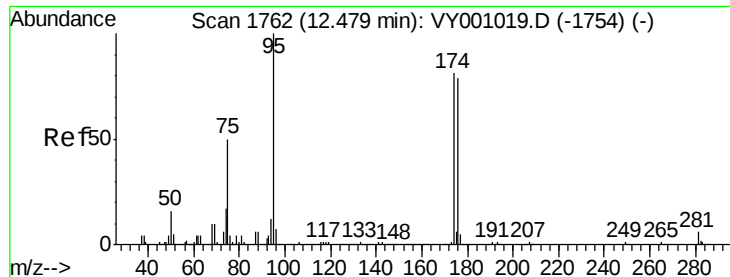
10000

5000

0

Time-->

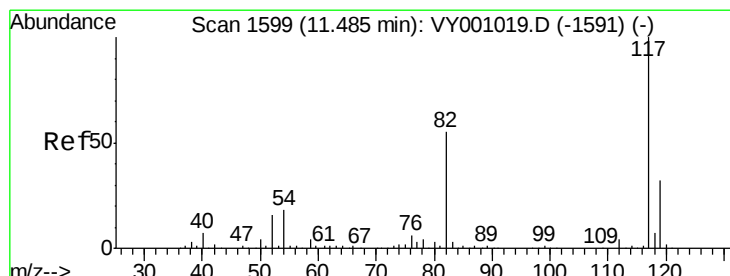
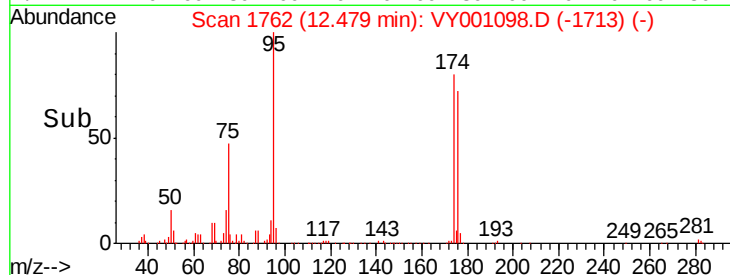
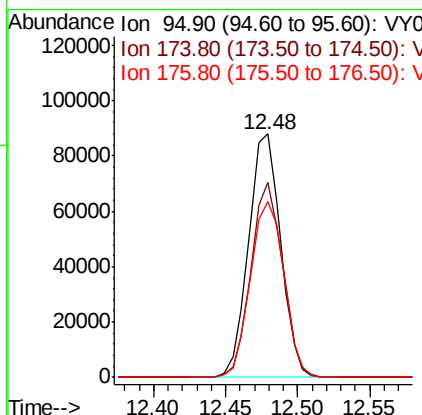
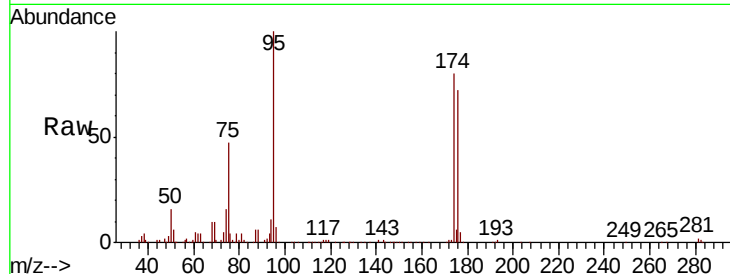




#62
4-Bromofluorobenzene
Concen: 37.686 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

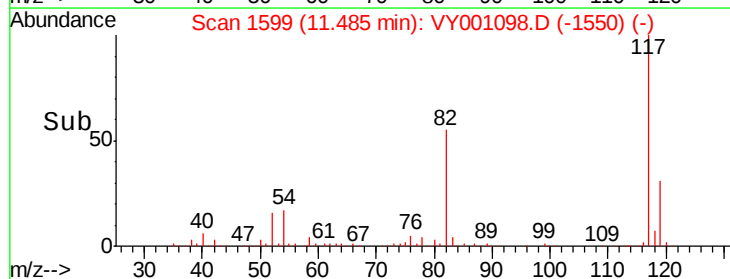
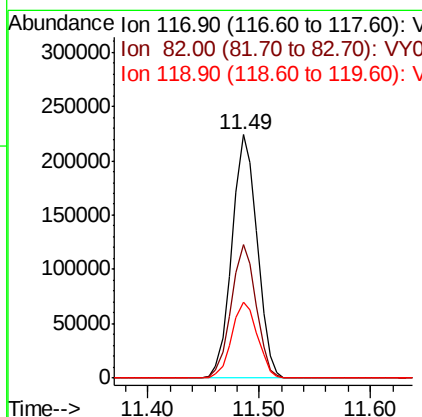
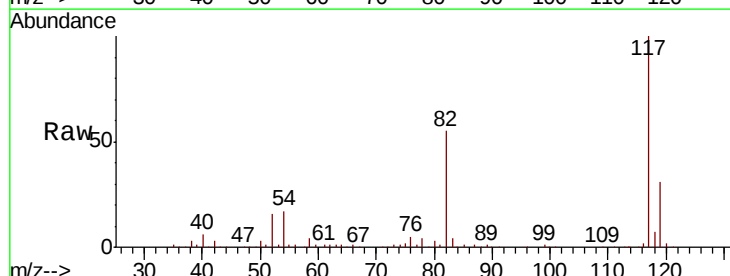
Instrument :
MSVOA_Y
ClientSampleId :
PH-2

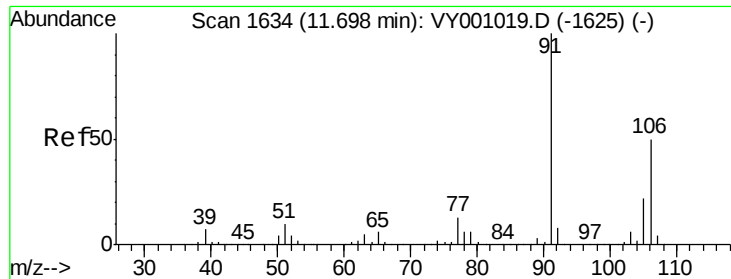
Tot Ion	95	Resp	135029
Ion Ratio	Lower	Upper	
95	100		
174	79.1	0.0	156.4
176	75.6	0.0	155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion	117	Resp	352156
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.8	65.8
119	31.2	25.8	38.6

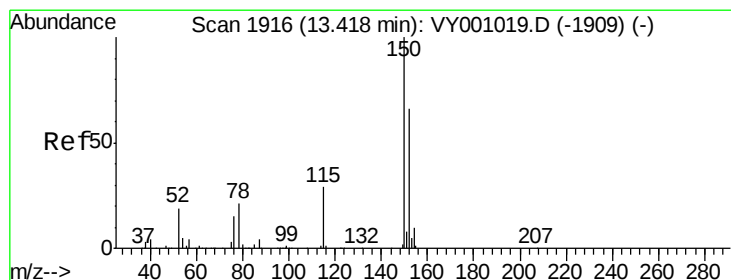
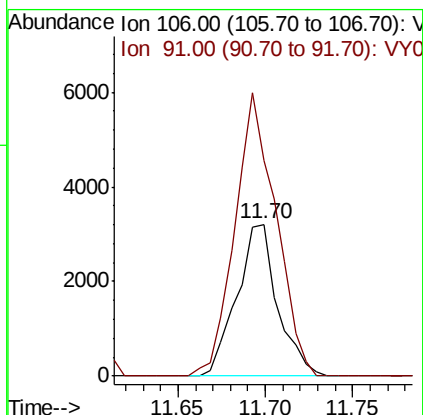
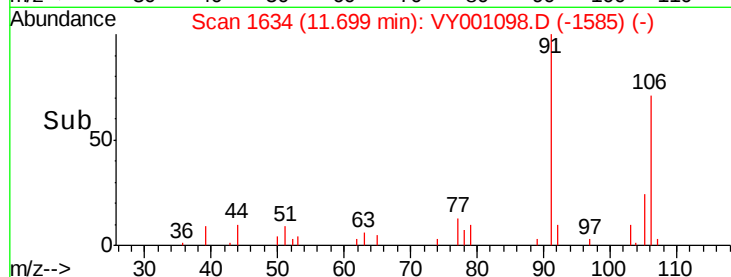
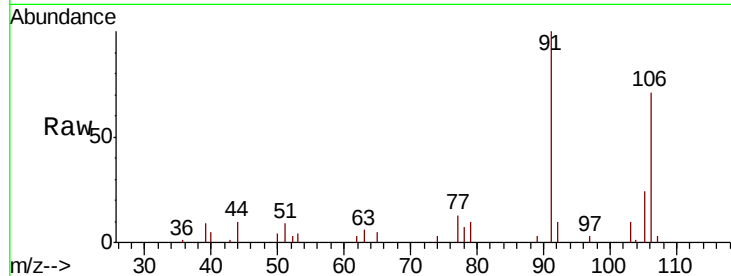




#68
m/p-Xvlenes
Concen: 1.043 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

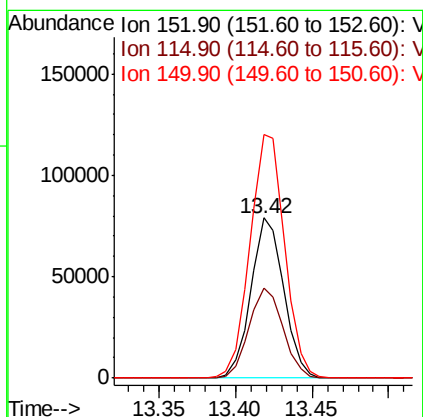
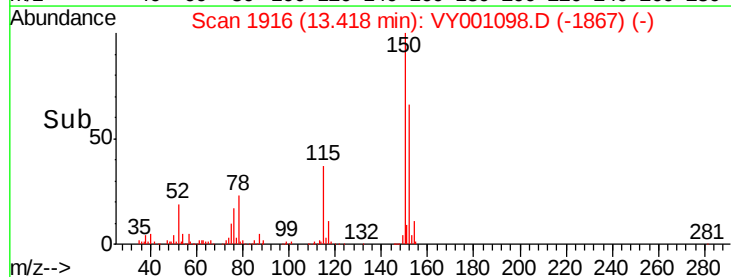
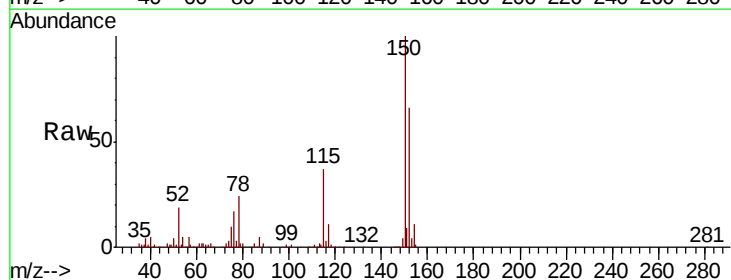
Instrument :
MSVOA_Y
ClientSampleId :
PH-2

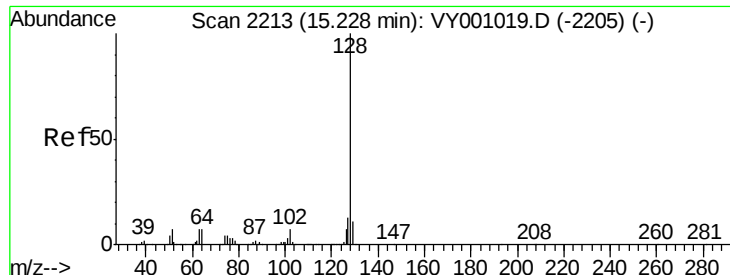
Tot Ion:106 Resp: 5204
Ion Ratio Lower Upper
106 100
91 187.5 156.4 234.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion:152 Resp: 117972
Ion Ratio Lower Upper
152 100
115 58.5 29.8 89.3
150 160.4 0.0 352.6





#95

Naphthalene

Concen: 6.905 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001098.D

Acq: 27 Dec 2019 15:22

Instrument :

MSVOA_Y

ClientSampleId :

PH-2

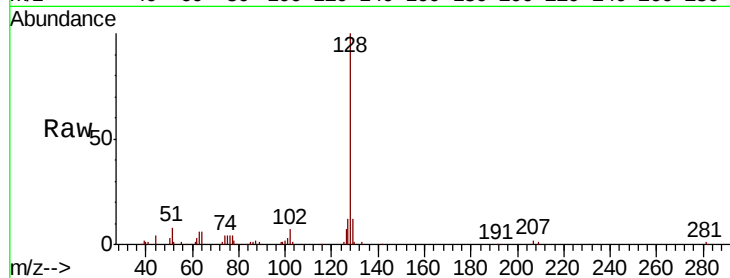
Tot Ion:128 Resp: 39870

Ion Ratio Lower Upper

128 100

127 12.8 9.9 14.9

129 11.9 8.6 13.0



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

