

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000917.D
 Acq On : 09 Dec 2019 17:11
 Operator : SY/MD
 Sample : K6204-03
 Misc : 6.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AA-SB-3

Quant Time: Dec 10 07:50:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

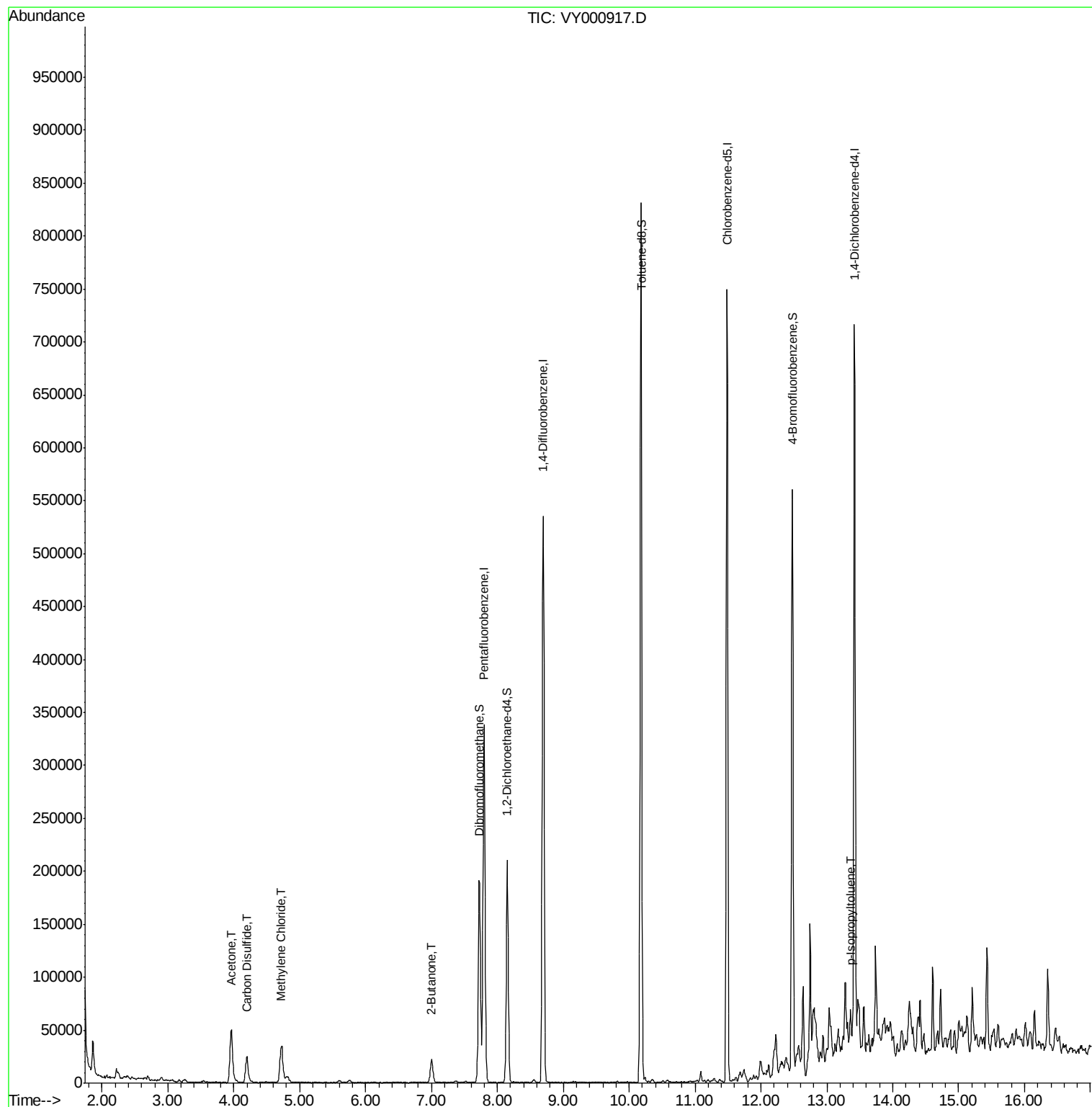
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	466221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	149507	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
35) Dibromofluoromethane	7.72	113	135773	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.18	98	547727	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.47	95	181569	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
16) Acetone	3.96	43	90374	143.971	ug/l	96
17) Carbon Disulfide	4.20	76	47430	5.194	ug/l #	93
20) Methylene Chloride	4.72	84	26638	8.051	ug/l	91
25) 2-Butanone	7.00	43	36284	31.291	ug/l	91
86) p-Isopropyltoluene	13.36	119	12933	1.091	ug/l	95

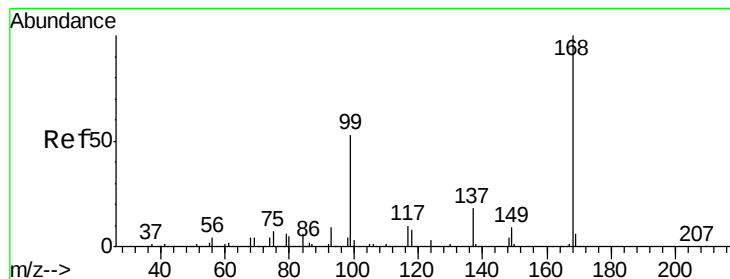
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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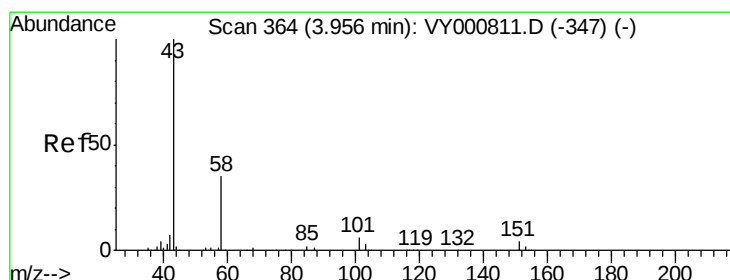
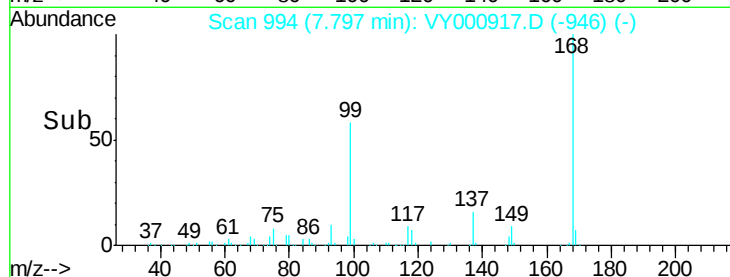
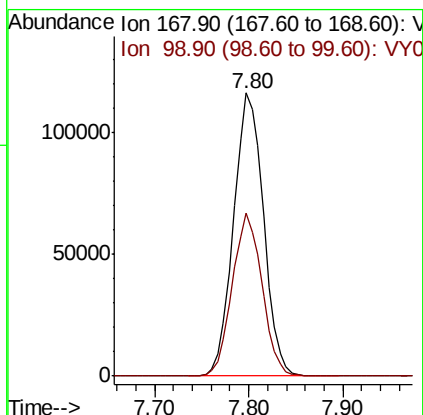
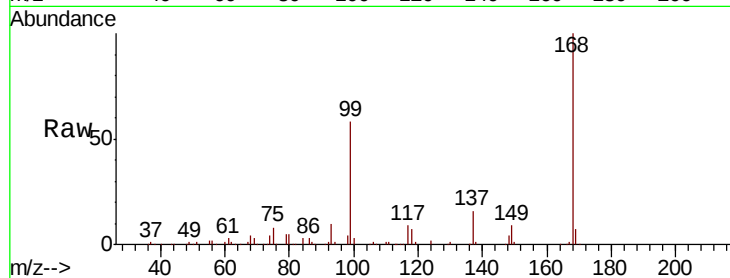




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000917.D
Acq: 09 Dec 2019 17:11

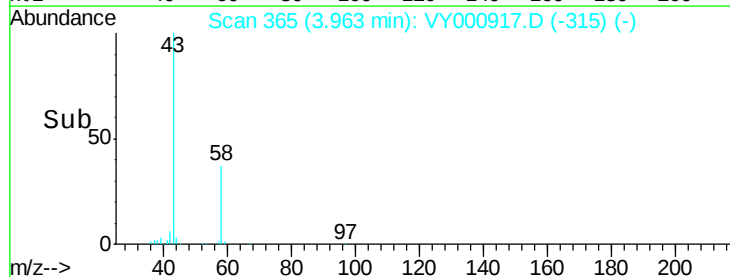
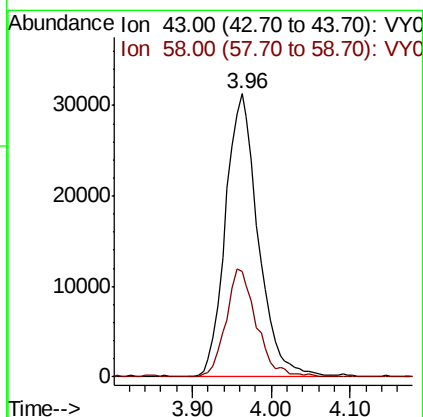
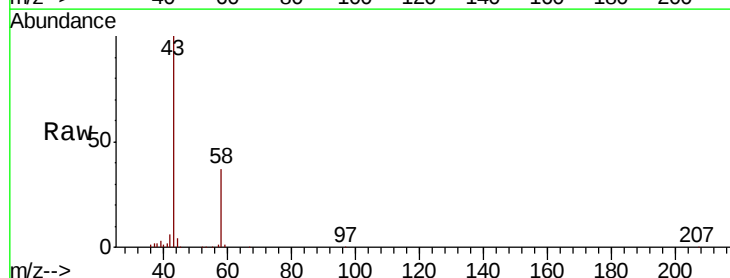
Instrument :
MSVOA_Y
ClientSampleId :
K072-AA-SB-3

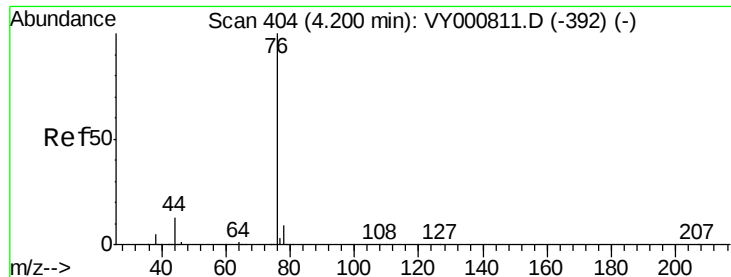
Tot Ion:168 Resp: 257521
Ion Ratio Lower Upper
168 100
99 57.7 45.0 67.6



#16
Acetone
Concen: 143.971 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000917.D
Acq: 09 Dec 2019 17:11

Tgt Ion: 43 Resp: 90374
Ion Ratio Lower Upper
43 100
58 37.2 28.0 42.0

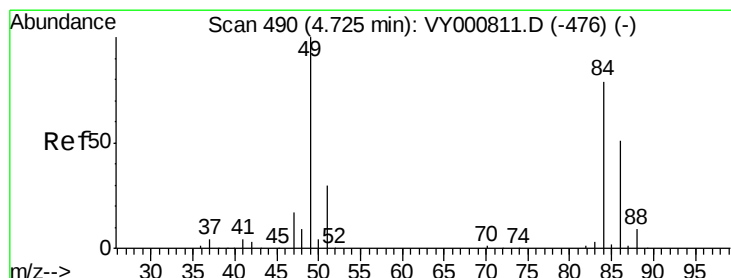
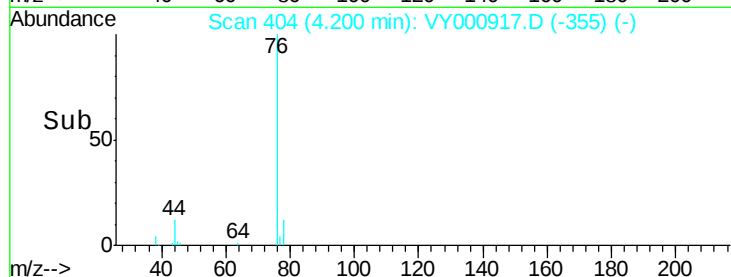
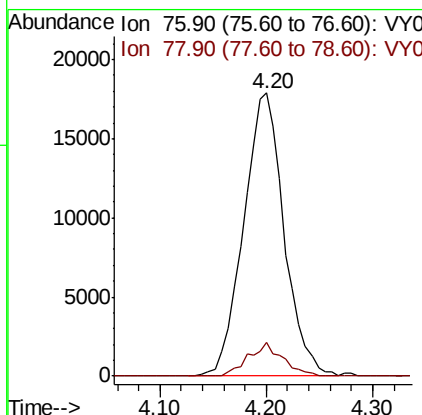
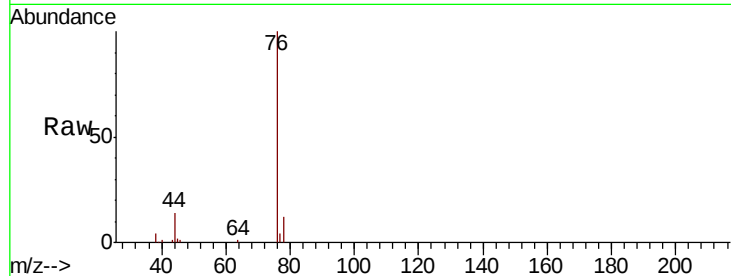




#17
Carbon Disulfide
Concen: 5.194 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000917.D
Acq: 09 Dec 2019 17:11

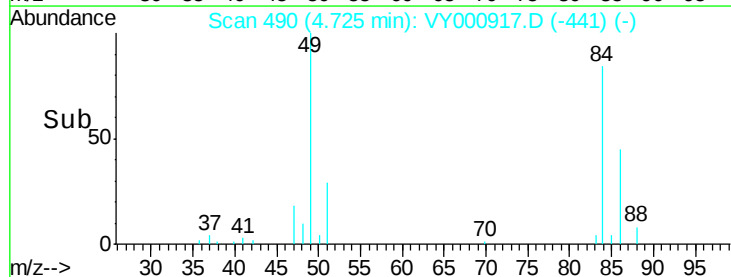
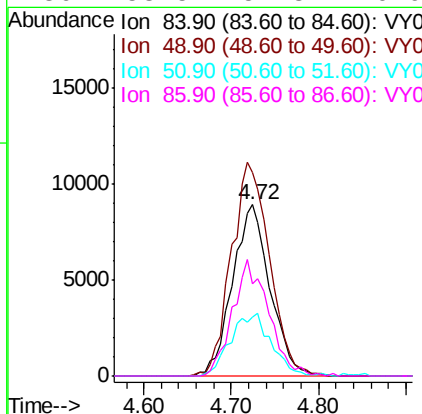
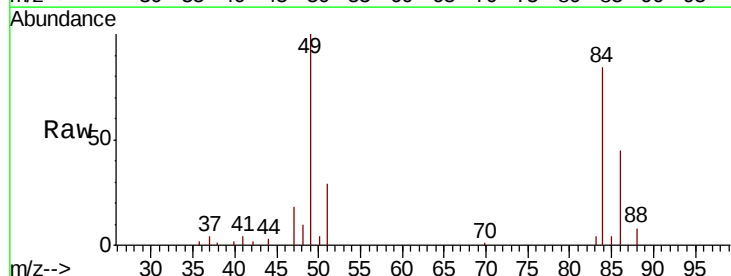
Instrument :
MSVOA_Y
ClientSampleId :
K072-AA-SB-3

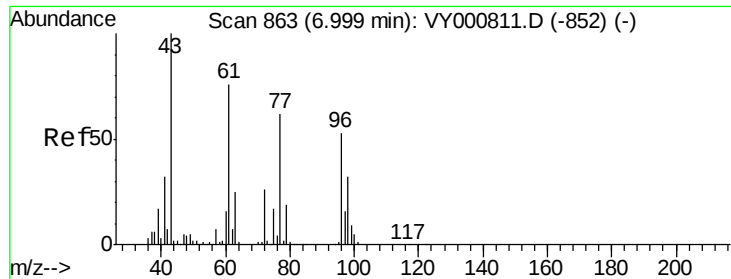
Tot Ion: 76 Resp: 47430
Ion Ratio Lower Upper
76 100
78 11.7 7.3 10.9#



#20
Methylene Chloride
Concen: 8.051 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000917.D
Acq: 09 Dec 2019 17:11

Tgt Ion: 84 Resp: 26638
Ion Ratio Lower Upper
84 100
49 119.0 101.3 151.9
51 34.1 30.6 45.8
86 53.5 51.3 76.9





#25

2-Butanone

Concen: 31.291 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000917.D

Acq: 09 Dec 2019 17:11

Instrument :

MSVOA_Y

ClientSampleId :

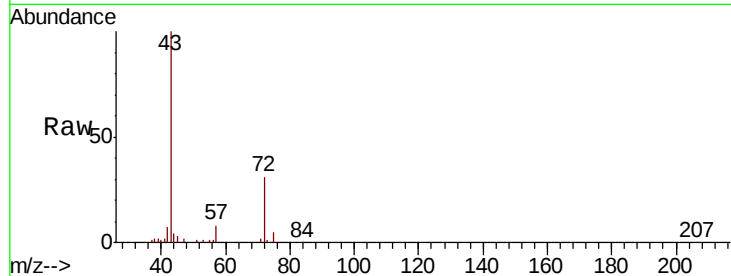
K072-AA-SB-3

Tot Ion: 43 Resp: 36284

Ion Ratio Lower Upper

43 100

72 30.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

15000

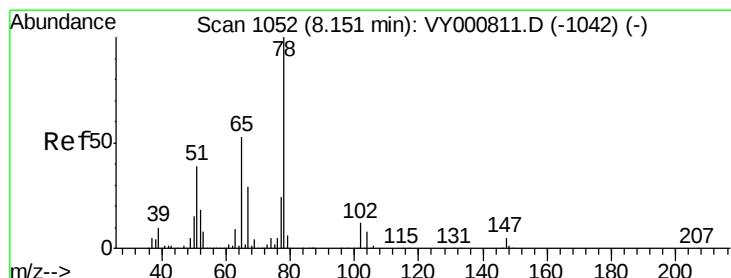
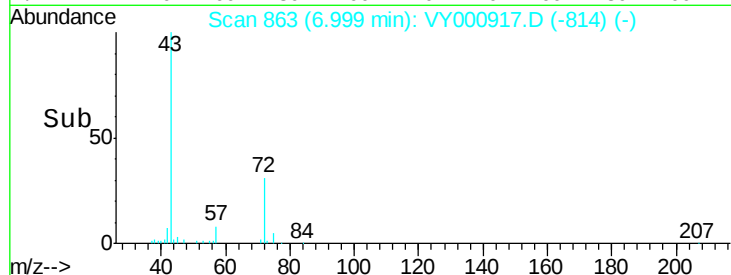
10000

5000

0

Time-->

6.90 7.00 7.10



#33

1,2-Dichloroethane-d4

Concen: 54.637 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000917.D

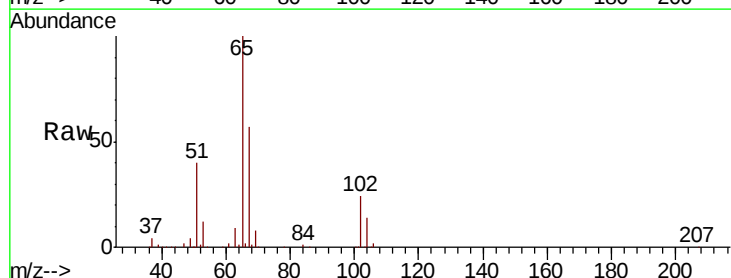
Acq: 09 Dec 2019 17:11

Tgt Ion: 65 Resp: 149507

Ion Ratio Lower Upper

65 100

67 57.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

80000

60000

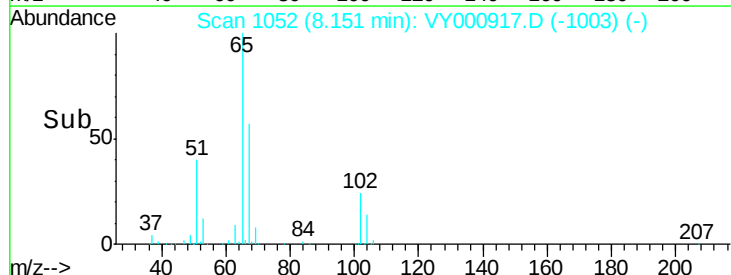
40000

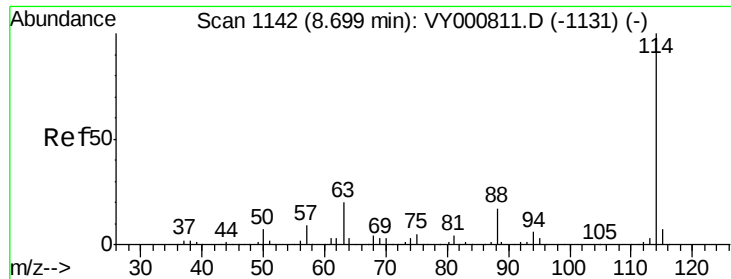
20000

0

Time-->

8.10 8.20 8.30

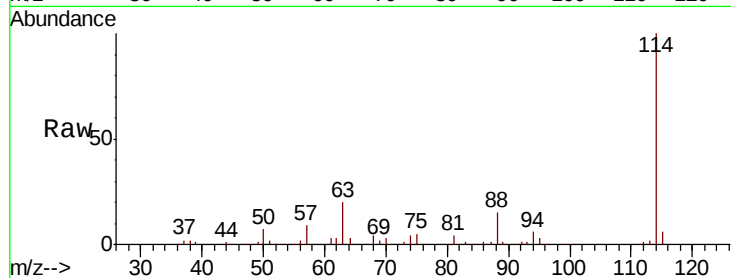




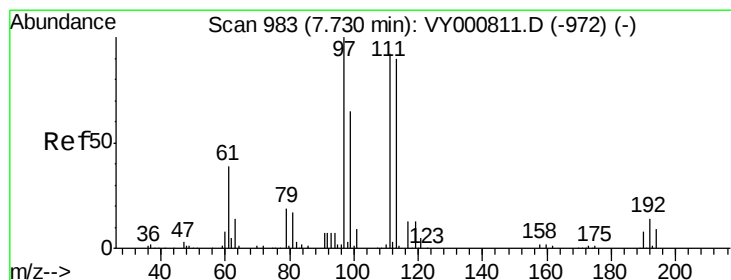
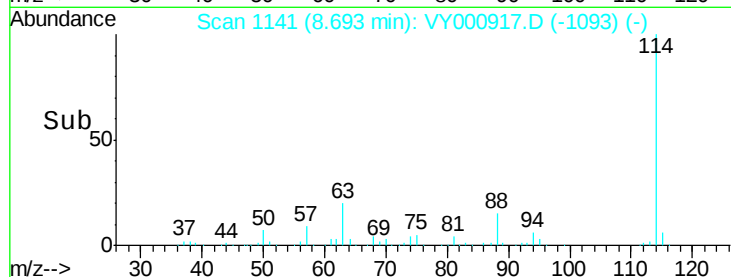
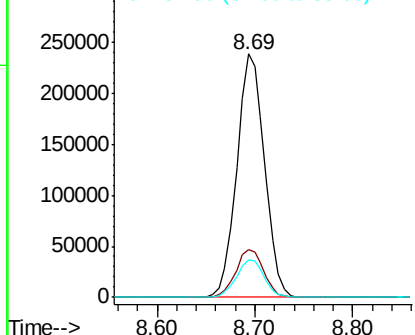
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000917.D
 Acq: 09 Dec 2019 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AA-SB-3

Tot Ion:114 Resp: 466221
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.3 0.0 33.2

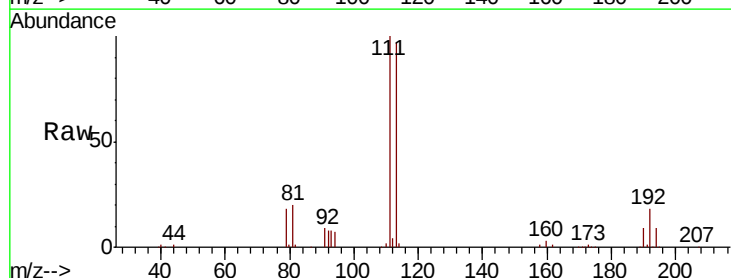


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

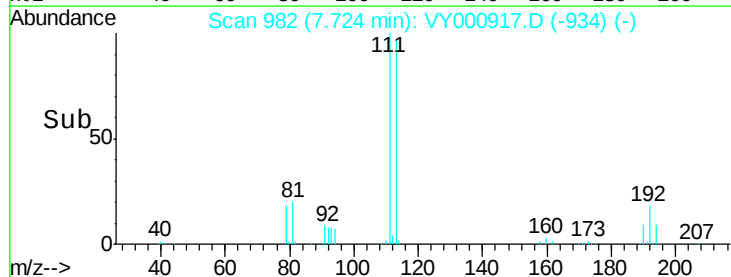
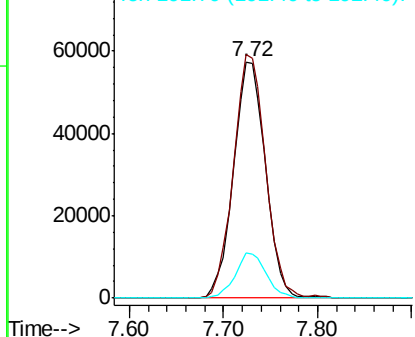


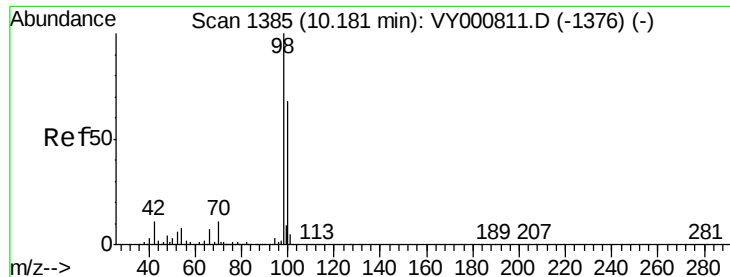
#35
 Dibromofluoromethane
 Concen: 49.969 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000917.D
 Acq: 09 Dec 2019 17:11

Tgt Ion:113 Resp: 135773
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 18.5 14.2 21.2



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: 50.422 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000917.D

Acq: 09 Dec 2019 17:11

Instrument :

MSVOA_Y

ClientSampleId :

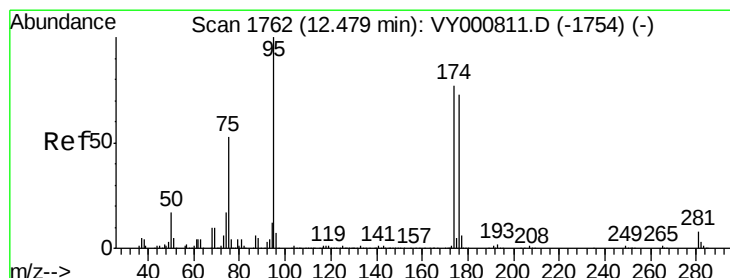
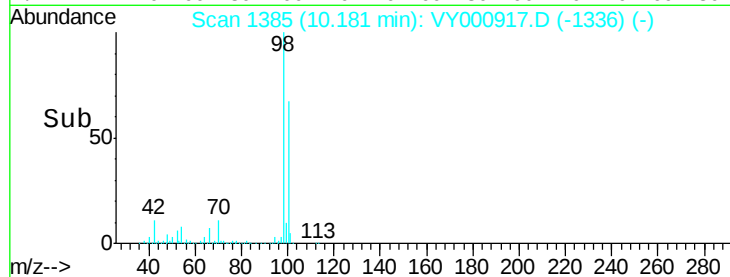
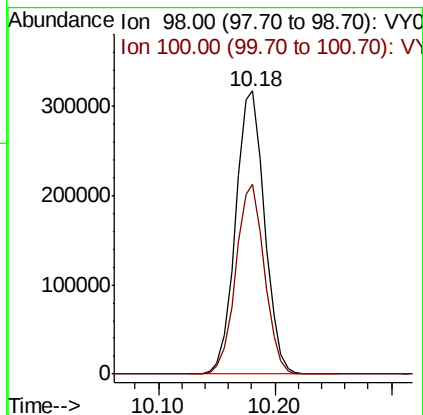
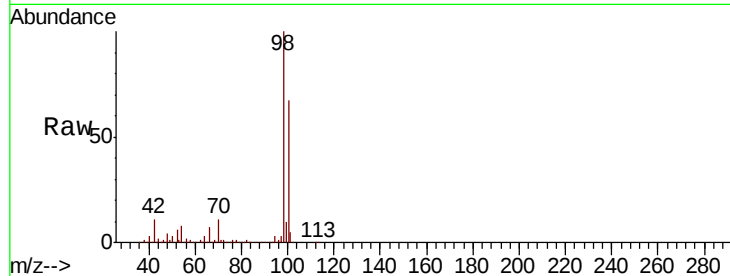
K072-AA-SB-3

Tot Ion: 98 Resp: 547727

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.506 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000917.D

Acq: 09 Dec 2019 17:11

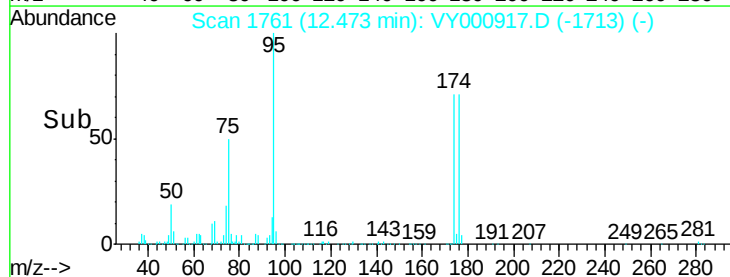
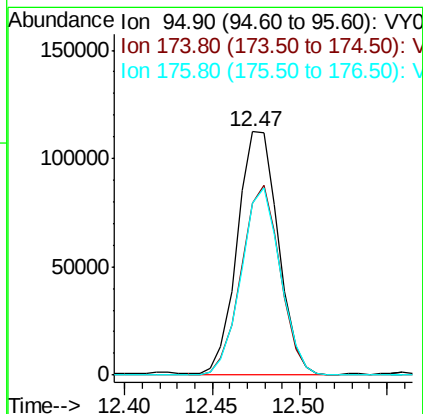
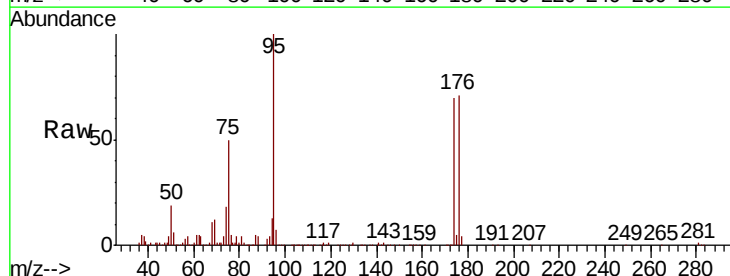
Tgt Ion: 95 Resp: 181569

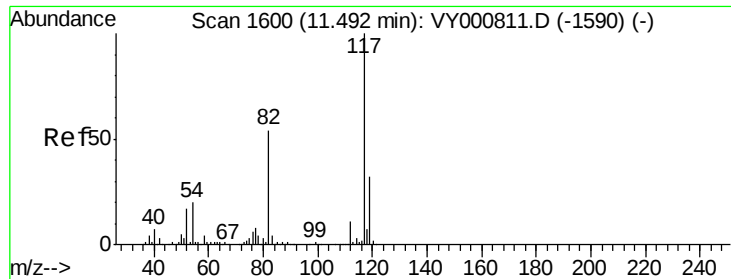
Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

176 74.1 0.0 145.2

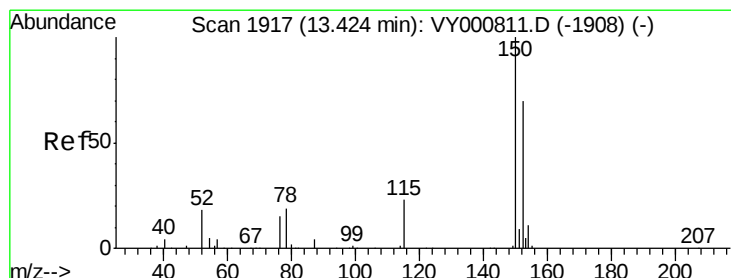
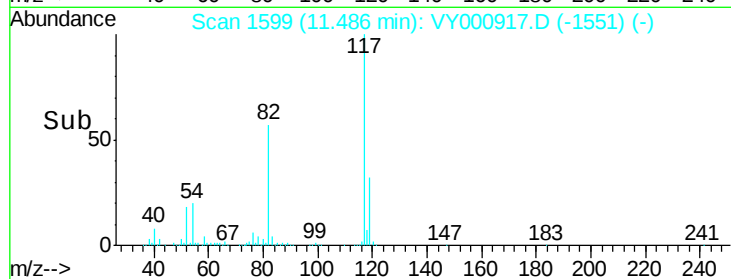
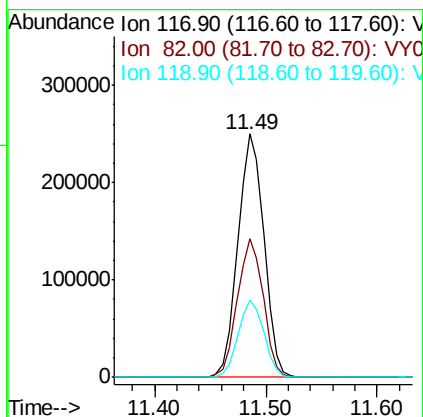
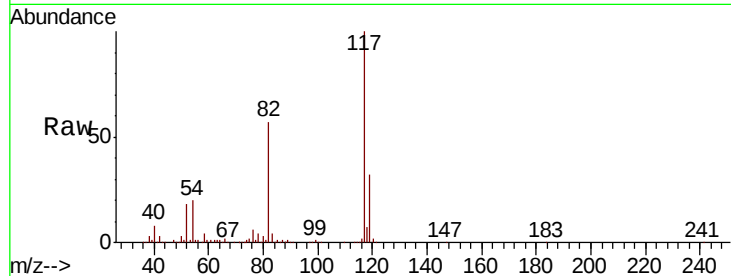




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000917.D
Acq: 09 Dec 2019 17:11

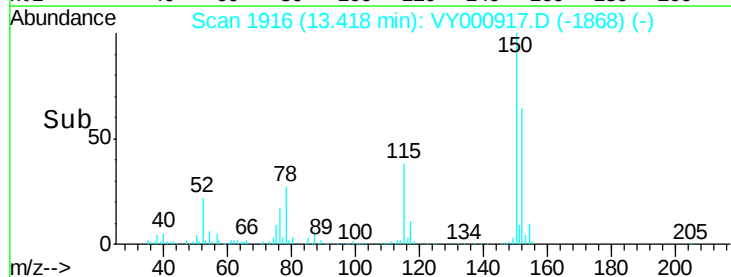
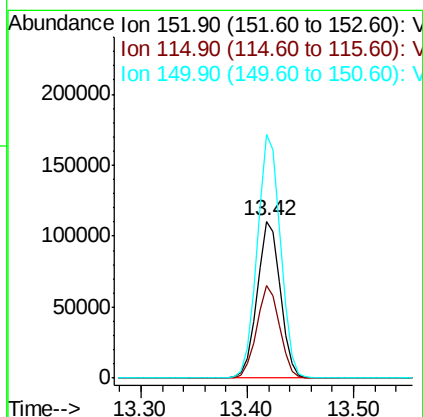
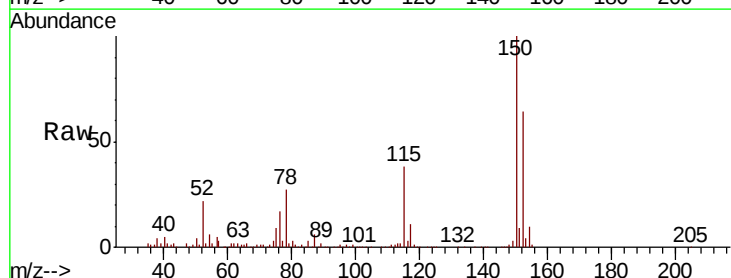
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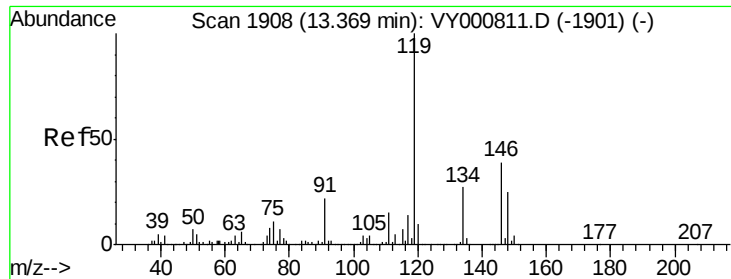
Tot Ion:117 Resp: 403396
Ion Ratio Lower Upper
117 100
82 56.7 43.1 64.7
119 32.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000917.D
Acq: 09 Dec 2019 17:11

Tgt Ion:152 Resp: 169131
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.8
150 155.8 0.0 351.2





#86
 p-Isopropyltoluene
 Concen: 1.091 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000917.D
 Acq: 09 Dec 2019 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AA-SB-3

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.5	40.4
91	27.3	11.5	34.5

