

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000284.D
 Acq On : 11 Oct 2019 20:30
 Operator : SY/MD
 Sample : K5350-05
 Misc : 7.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-230

Quant Time: Oct 14 08:41:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

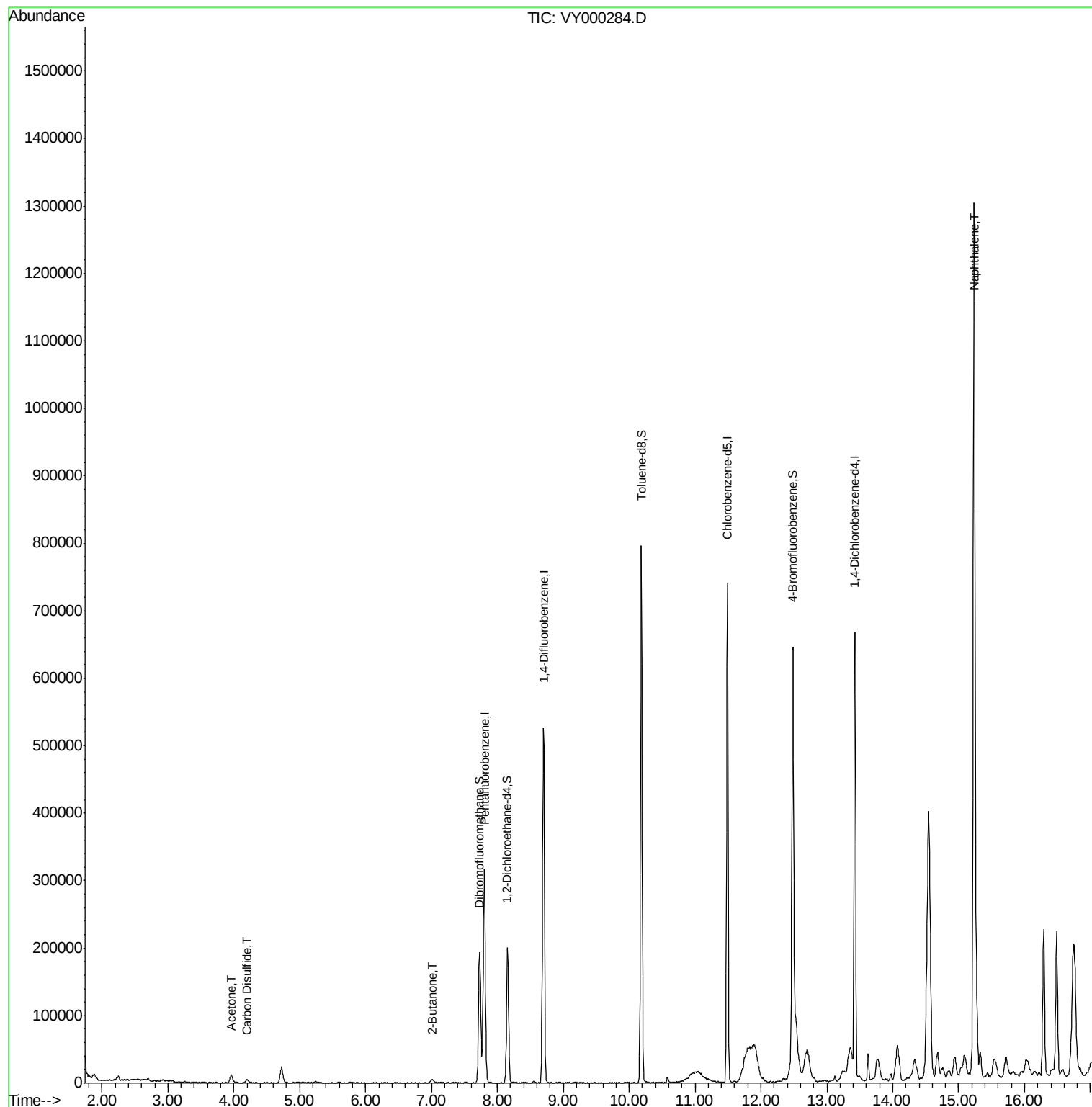
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	452415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	154601	60.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.64%	
35) Dibromofluoromethane	7.73	113	134718	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	10.18	98	528803	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.49	95	171040	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.78%	
Target Compounds						
16) Acetone	3.96	43	19117	23.223	ug/l	94
17) Carbon Disulfide	4.20	76	9064	1.183	ug/l	99
25) 2-Butanone	7.01	43	8071	6.960	ug/l #	74
95) Naphthalene	15.23	128	743144	96.903	ug/l	99

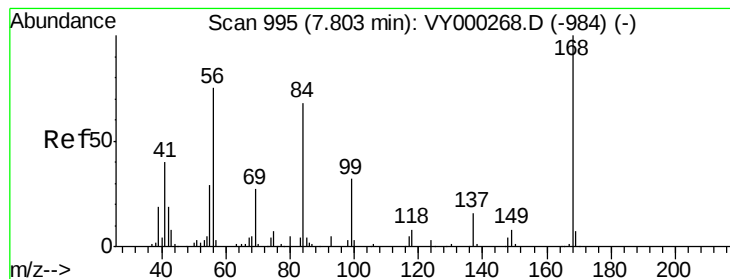
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000284.D

Acq: 11 Oct 2019 20:30

Instrument :

MSVOA_Y

ClientSampleId :

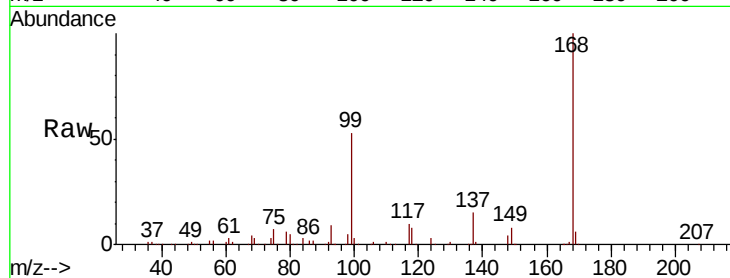
VNJ-230

Tot Ion:168 Resp: 240974

Ion Ratio Lower Upper

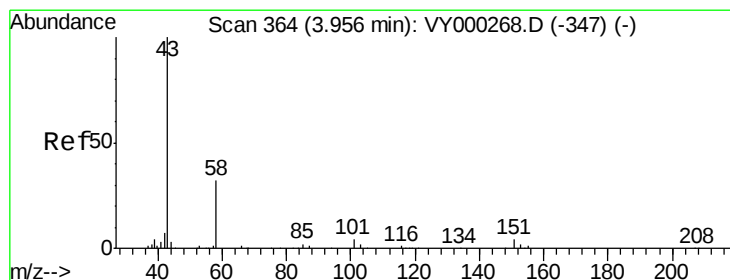
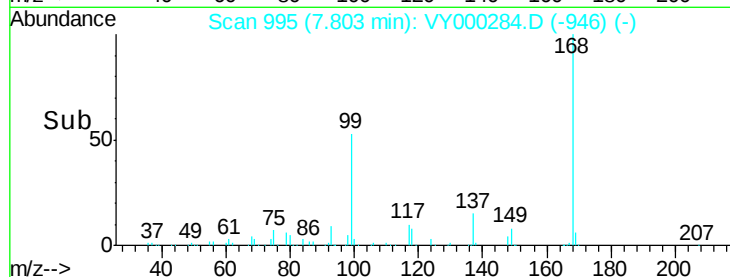
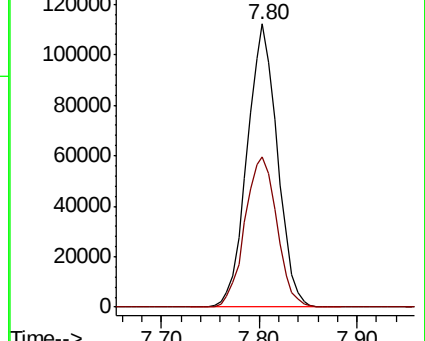
168 100

99 53.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000284.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000284.D (-984) (-)



#16

Acetone

Concen: 23.223 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000284.D

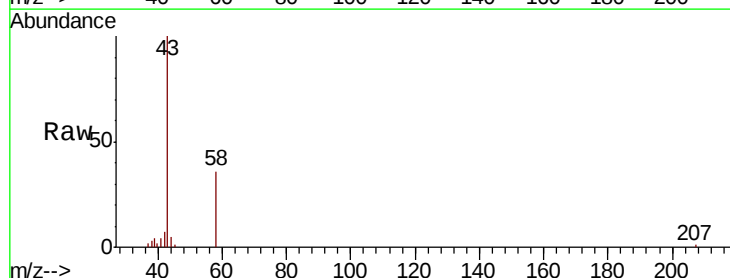
Acq: 11 Oct 2019 20:30

Tgt Ion: 43 Resp: 19117

Ion Ratio Lower Upper

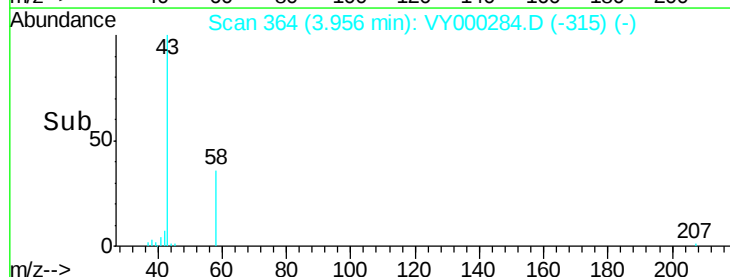
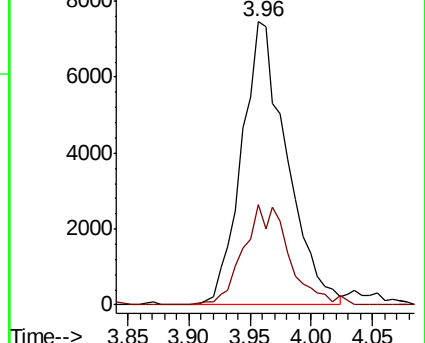
43 100

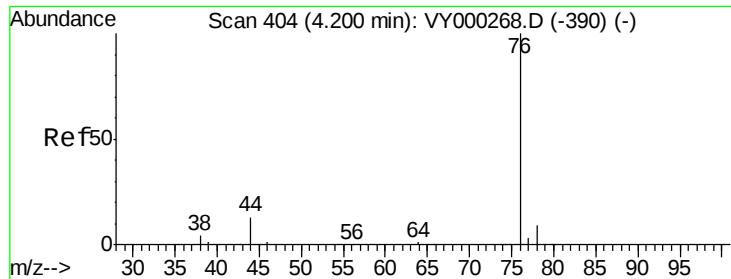
58 35.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000284.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000284.D (-347) (-)

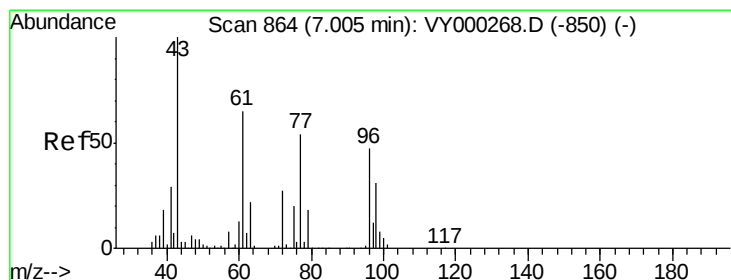
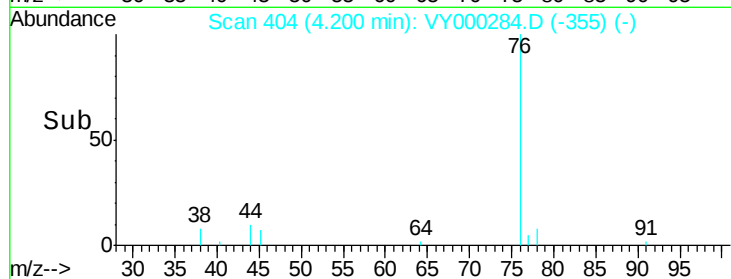
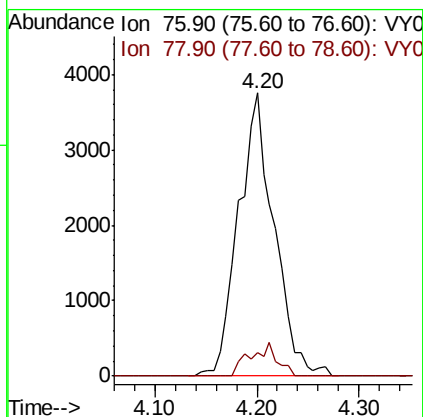
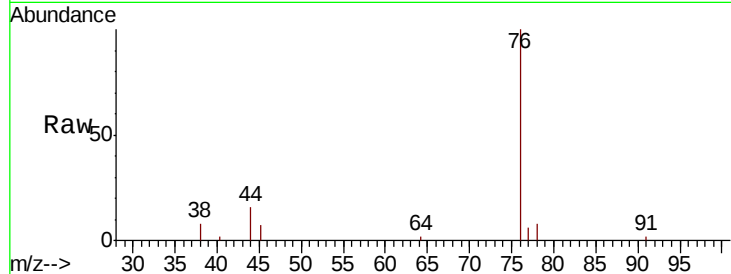




#17
Carbon Disulfide
Concen: 1.183 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000284.D
Acq: 11 Oct 2019 20:30

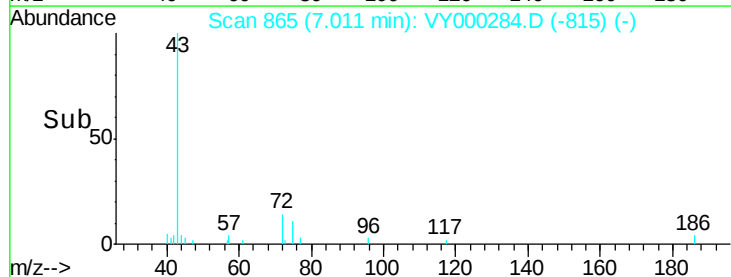
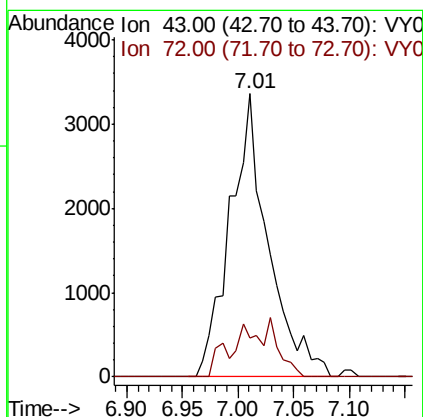
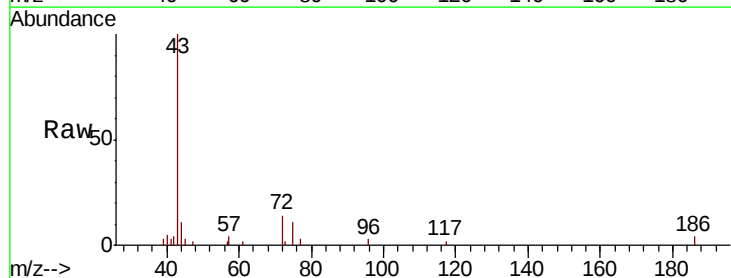
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

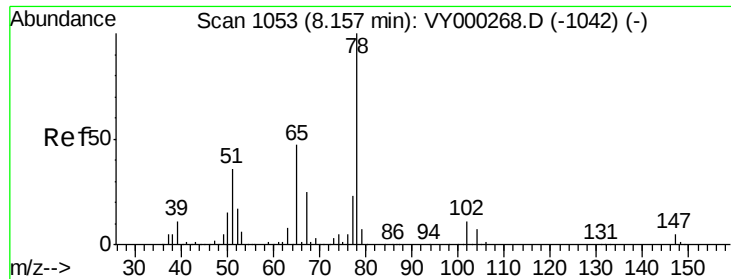
Tot Ion: 76 Resp: 9064
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#25
2-Butanone
Concen: 6.960 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000284.D
Acq: 11 Oct 2019 20:30

Tgt Ion: 43 Resp: 8071
Ion Ratio Lower Upper
43 100
72 13.5 21.4 32.2#





#33

1,2-Dichloroethane-d4

Concen: 60.821 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000284.D

Acq: 11 Oct 2019 20:30

Instrument :

MSVOA_Y

ClientSampleId :

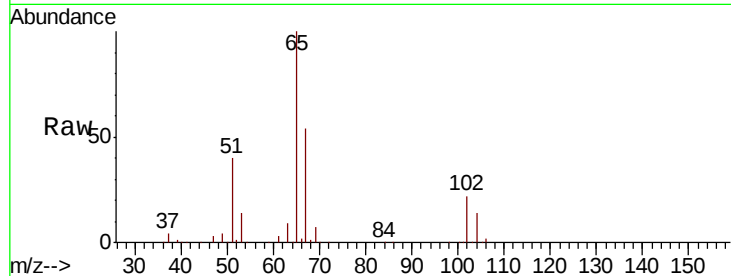
VNJ-230

Tot Ion: 65 Resp: 154601

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.4

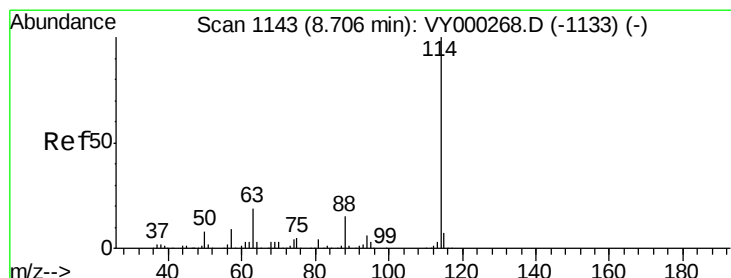
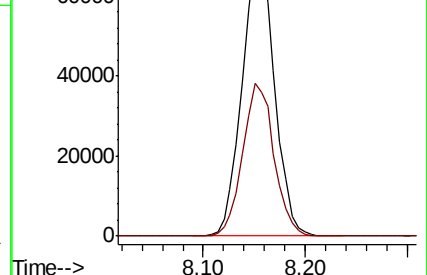
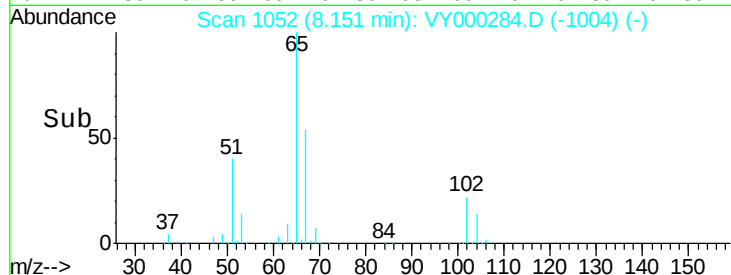


Abundance Ion 64.90 (64.60 to 65.60): VY000284.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000284.D (-1042) (-)

8.15

8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000284.D

Acq: 11 Oct 2019 20:30

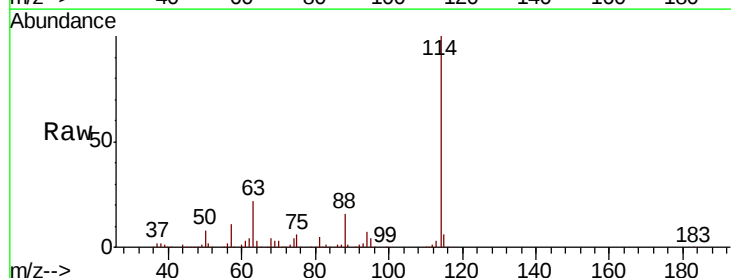
Tgt Ion: 114 Resp: 452415

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.2

88 16.3 0.0 30.2



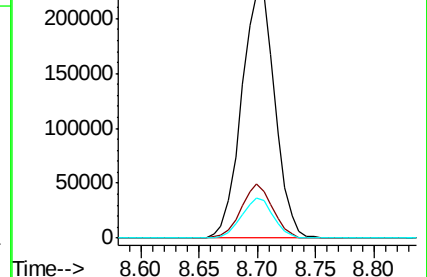
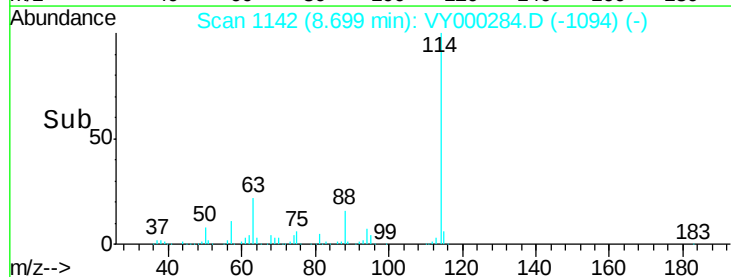
Abundance Ion 113.90 (113.60 to 114.60): VY000284.D (-1094) (-)

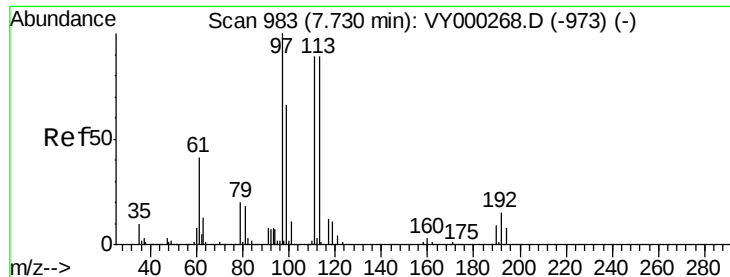
Ion 63.00 (62.70 to 63.70): VY000284.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY000284.D (-1094) (-)

8.70

8.60 8.75 8.80

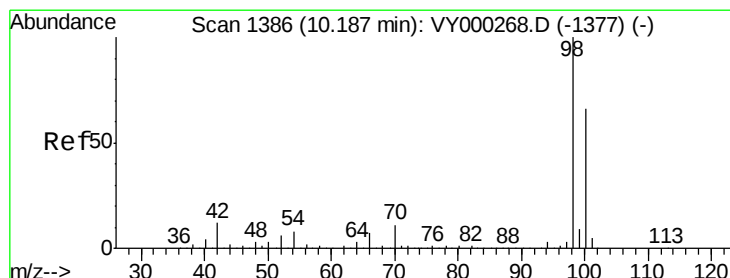
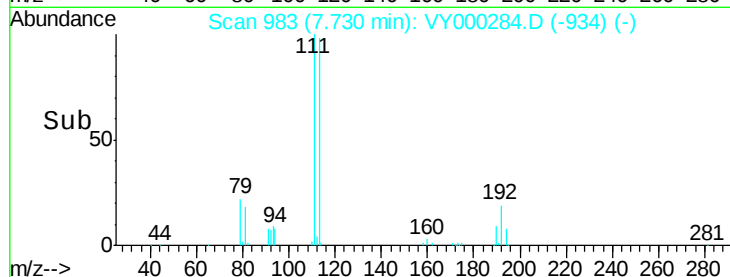
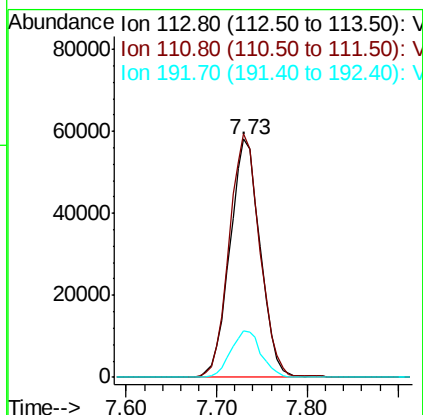
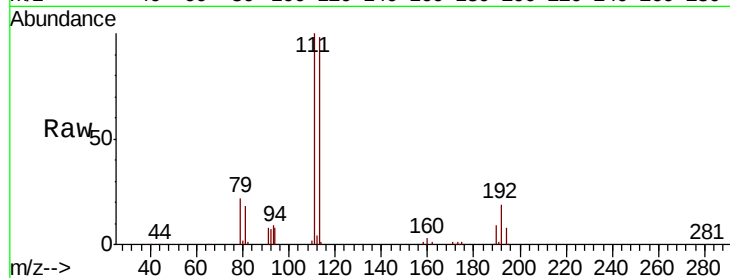




#35
 Dibromofluoromethane
 Concen: 49.365 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000284.D
 Acq: 11 Oct 2019 20:30

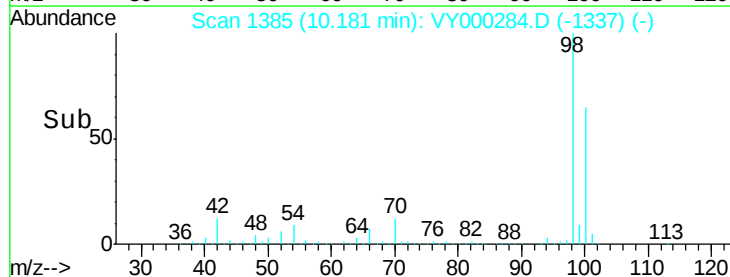
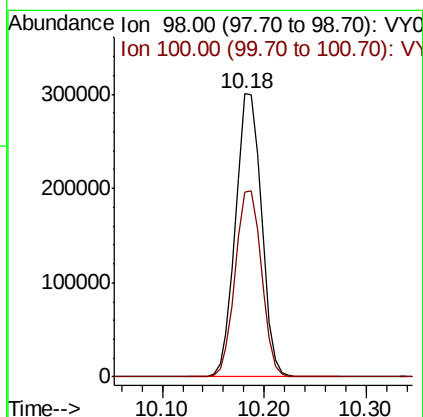
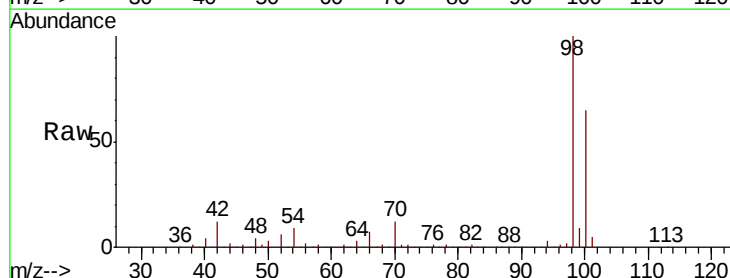
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-230

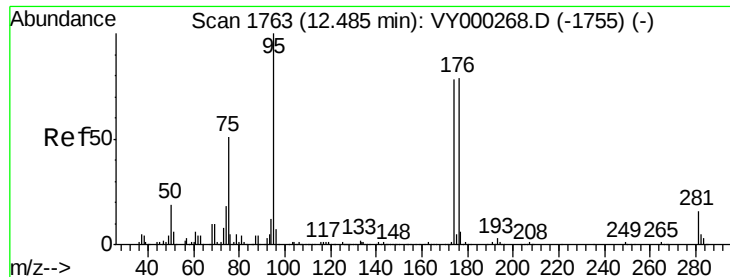
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	19.6	15.3	22.9



#50
 Toluene-d8
 Concen: 50.373 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000284.D
 Acq: 11 Oct 2019 20:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.8	79.2

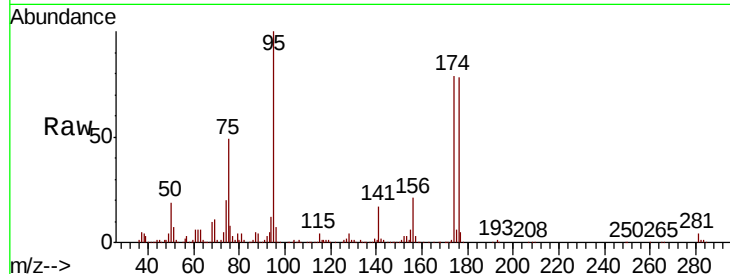




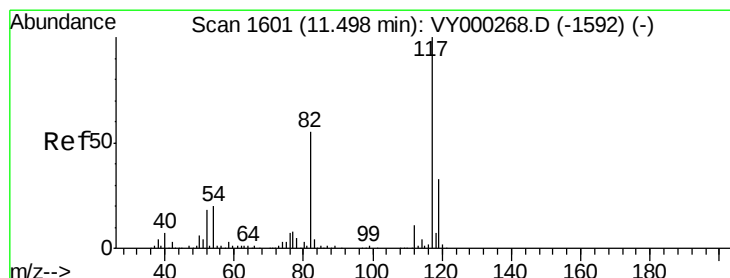
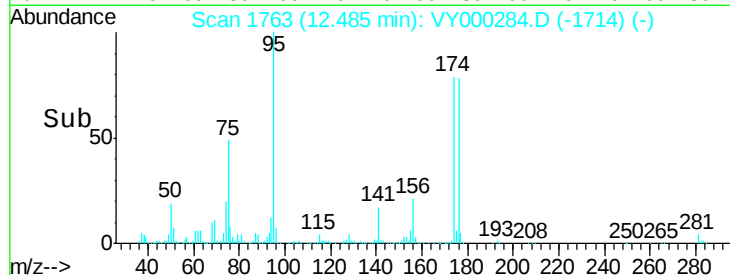
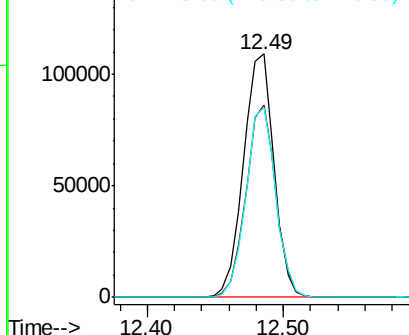
#62
4-Bromofluorobenzene
Concen: 42.886 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000284.D
Acq: 11 Oct 2019 20:30

Instrument :
MSVOA_Y
ClientSampled :
VNJ-230

Tot Ion: 95 Resp: 171040
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.6
176 76.6 0.0 153.8

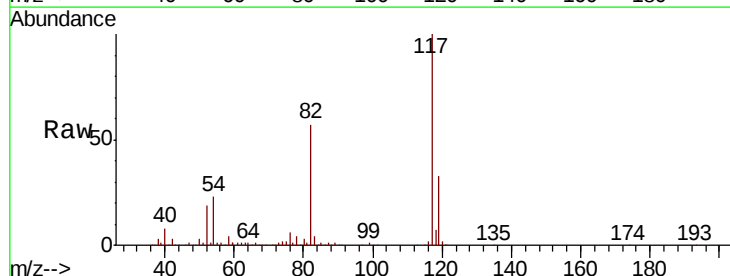


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

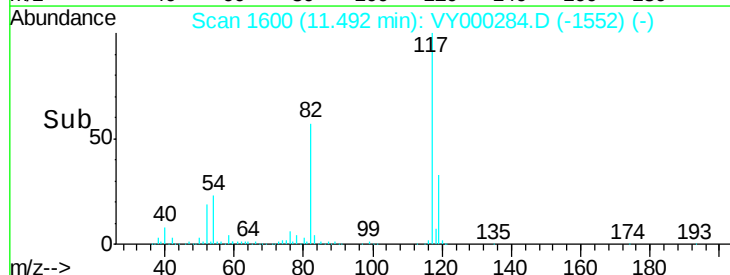
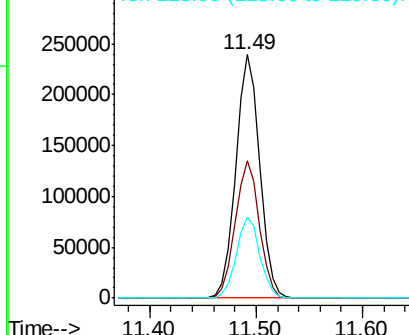


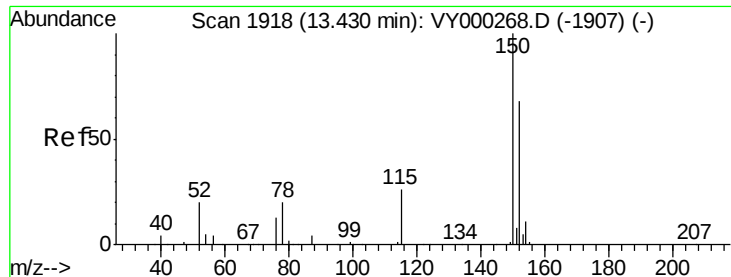
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000284.D
Acq: 11 Oct 2019 20:30

Tgt Ion: 117 Resp: 377260
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 33.3 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): VY0
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): VY0



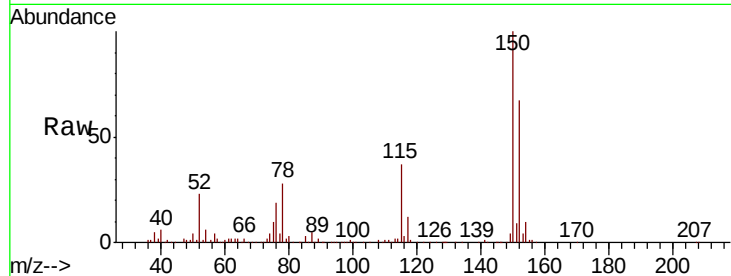


#72

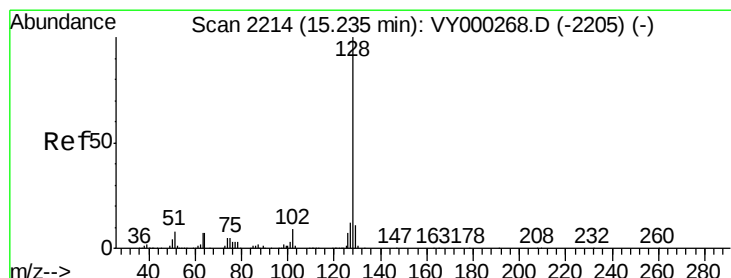
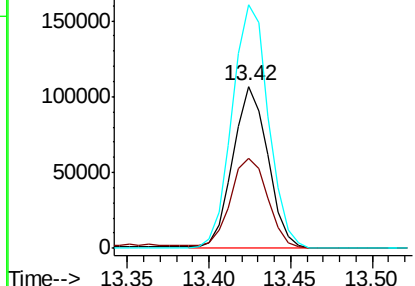
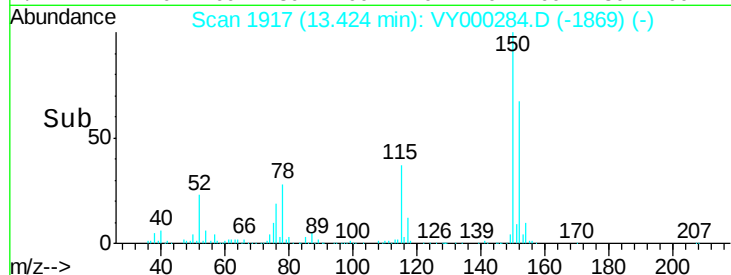
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000284.D
Acq: 11 Oct 2019 20:30

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

Tot Ion:152 Resp: 159540
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 156.3 0.0 348.4



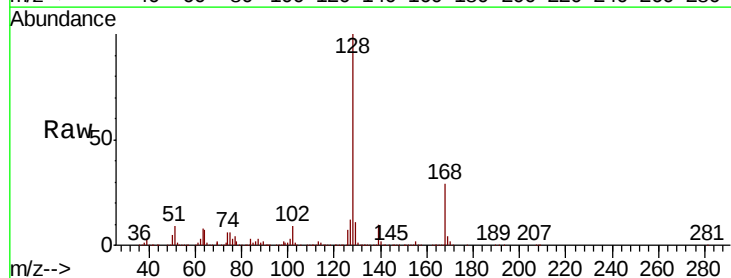
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 96.903 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000284.D
Acq: 11 Oct 2019 20:30

Tgt Ion:128 Resp: 743144
Ion Ratio Lower Upper
128 100
127 12.7 9.6 14.4
129 11.2 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

