

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002221.D
 Acq On : 03 Apr 2020 16:18
 Operator : SY/MD
 Sample : L2153-01
 Misc : 6.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231

Quant Time: Apr 04 01:29:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

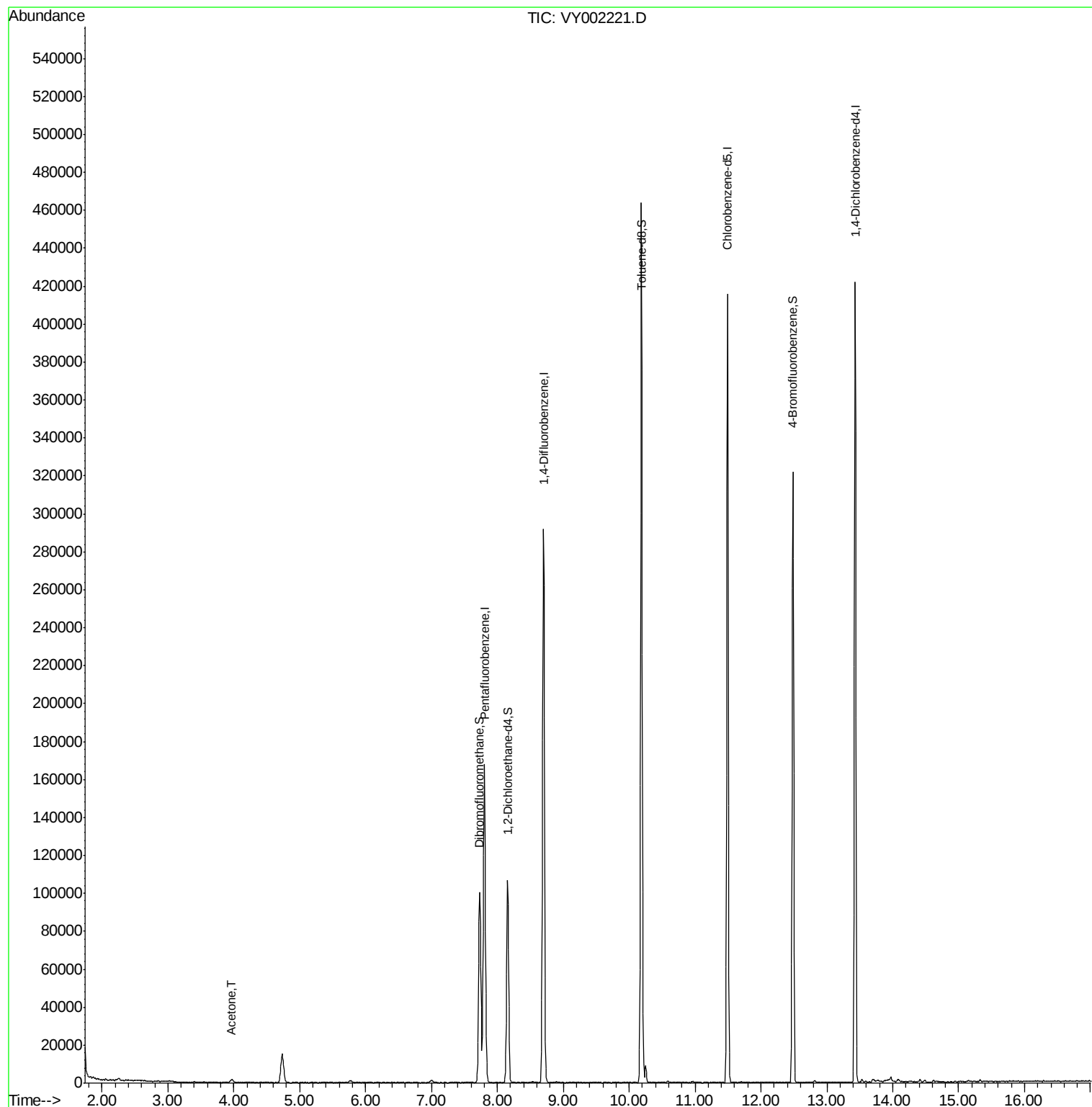
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	124448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	244221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	226021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	100401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80291	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
35) Dibromofluoromethane	7.74	113	72737	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	10.19	98	299766	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.49	95	103013	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
Target Compounds						
16) Acetone	3.97	43	3192	8.258	ug/l	Qvalue 98

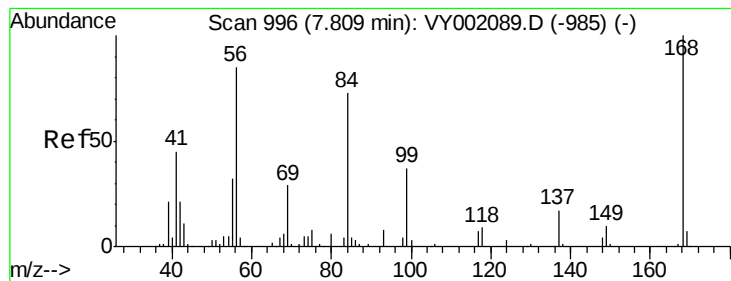
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

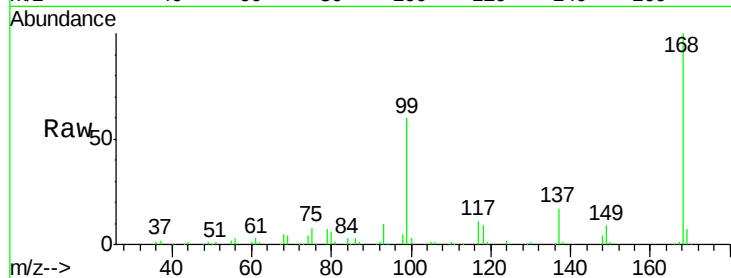
VNJ-231

Tot Ion:168 Resp: 124448

Ion Ratio Lower Upper

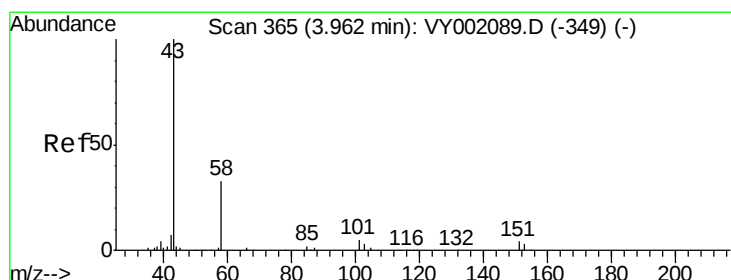
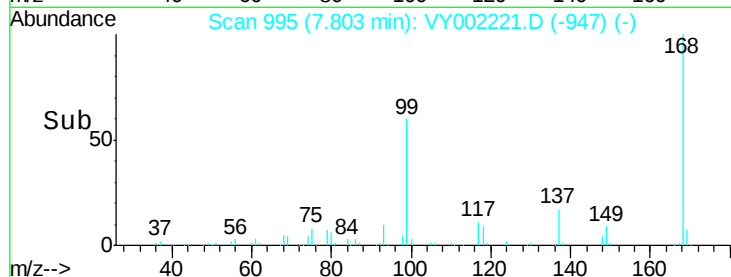
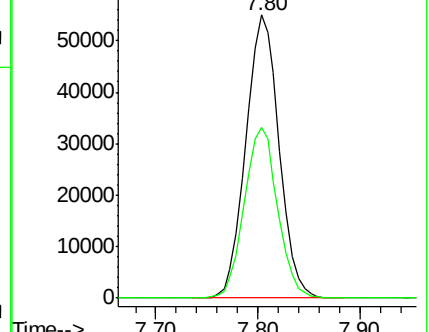
168 100

99 60.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002221.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002221.D (-947) (-)



#16

Acetone

Concen: 8.258 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002221.D

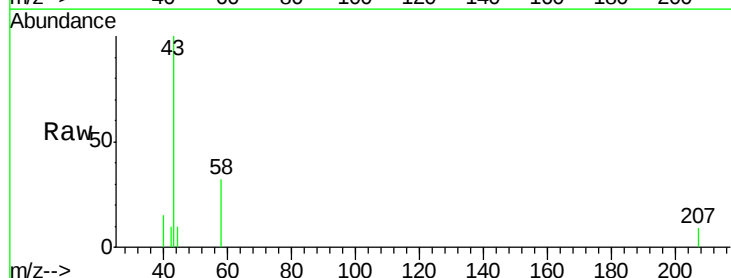
Acq: 03 Apr 2020 16:18

Tgt Ion: 43 Resp: 3192

Ion Ratio Lower Upper

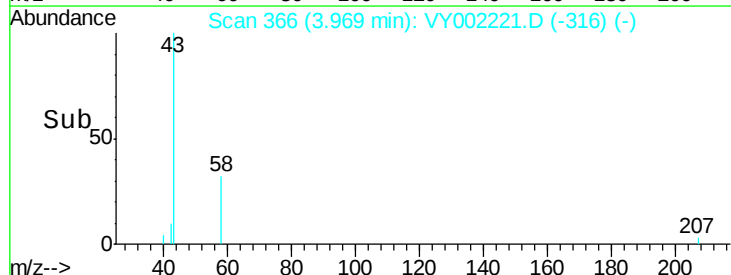
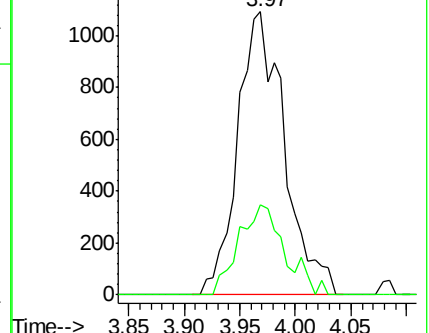
43 100

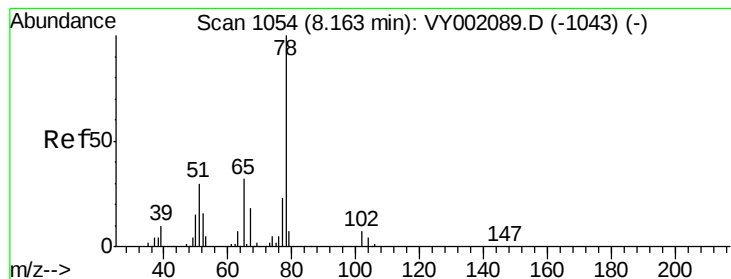
58 31.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002221.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002221.D (-316) (-)





#33

1,2-Dichloroethane-d4

Concen: 58.362 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

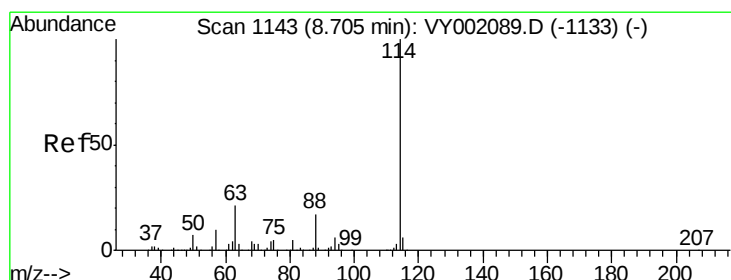
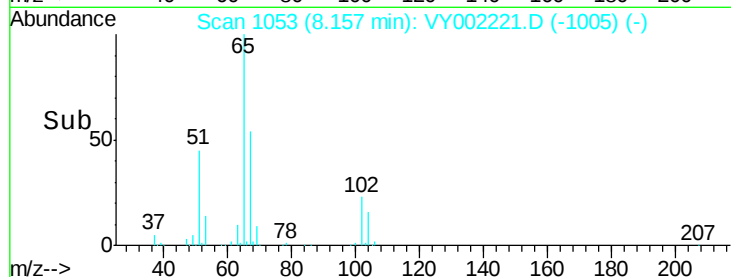
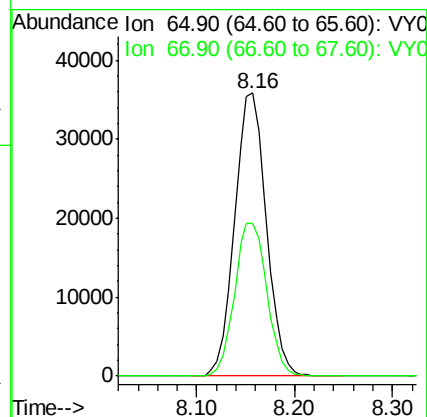
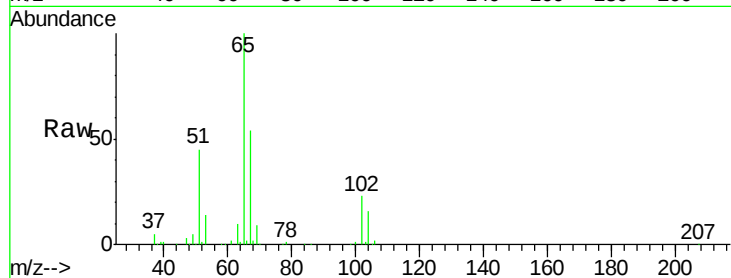
VNJ-231

Tot Ion: 65 Resp: 80291

Ion Ratio Lower Upper

65 100

67 55.0 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

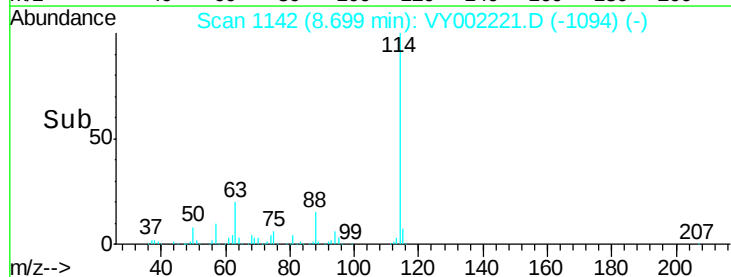
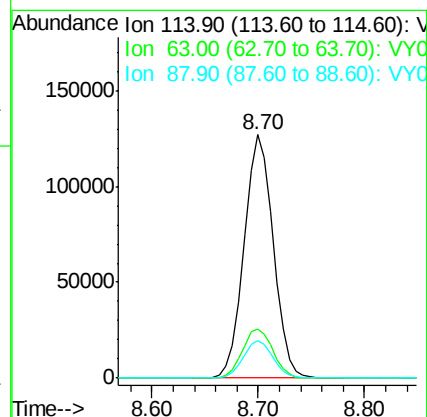
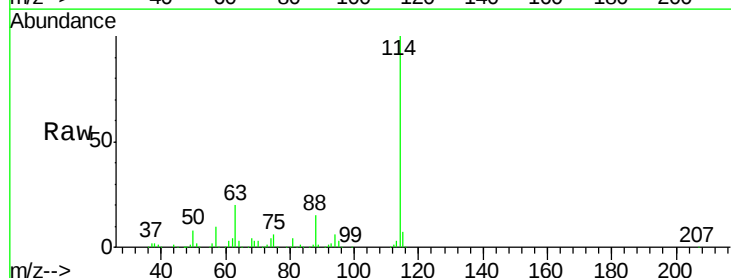
Tgt Ion: 114 Resp: 244221

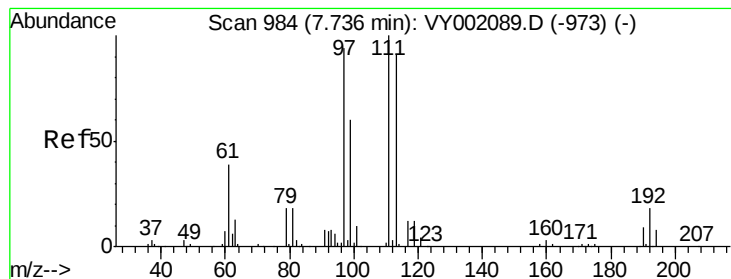
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

88 15.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.155 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231

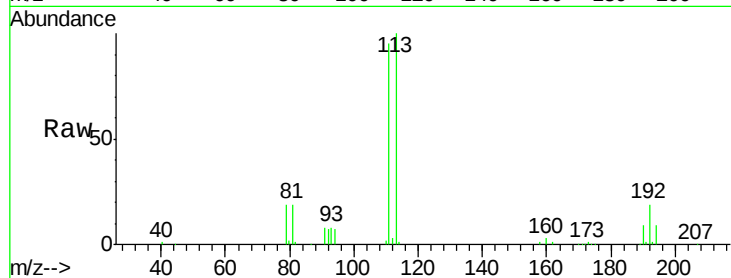
Tot Ion:113 Resp: 72737

Ion Ratio Lower Upper

113 100

111 101.2 84.4 126.6

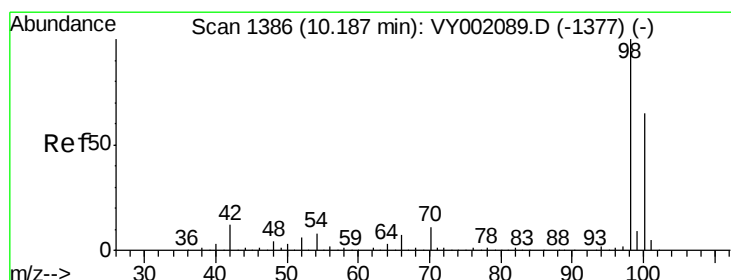
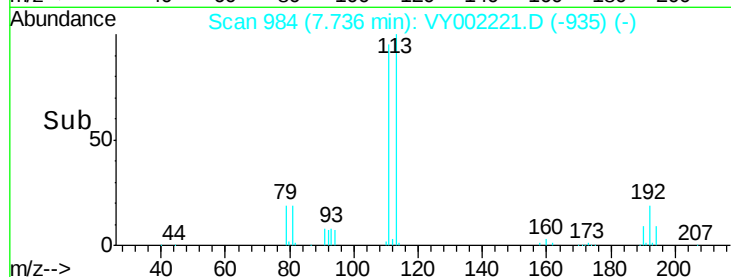
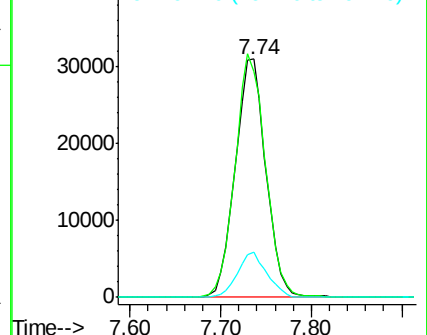
192 18.1 14.6 21.8



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: 52.732 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002221.D

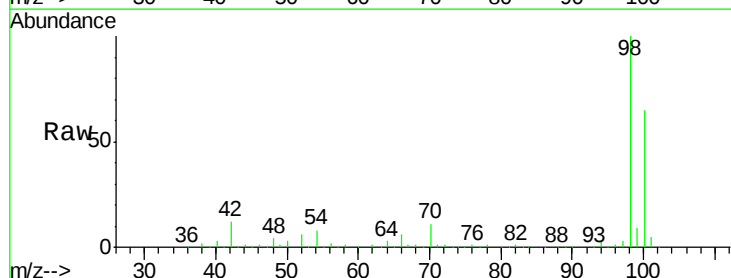
Acq: 03 Apr 2020 16:18

Tgt Ion: 98 Resp: 299766

Ion Ratio Lower Upper

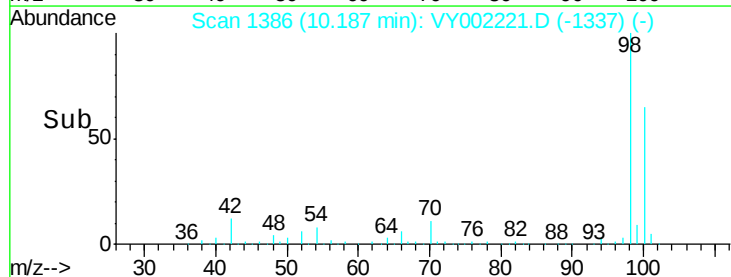
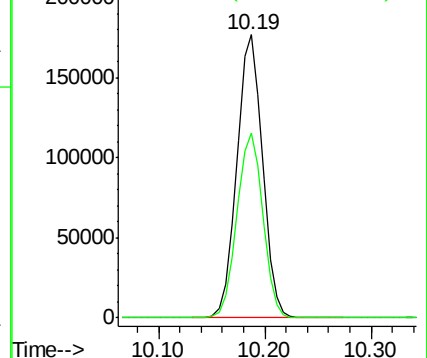
98 100

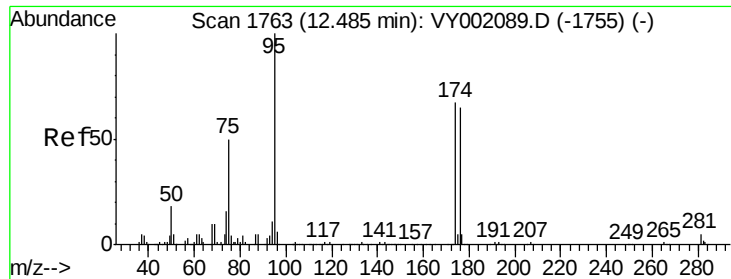
100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

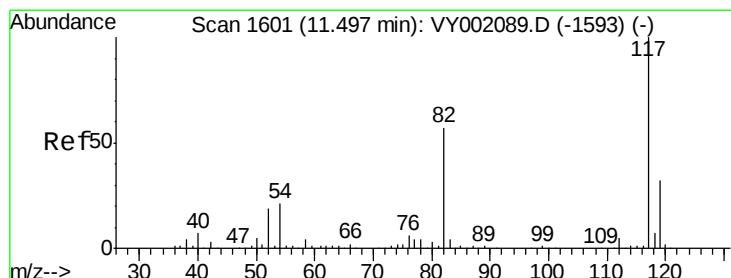
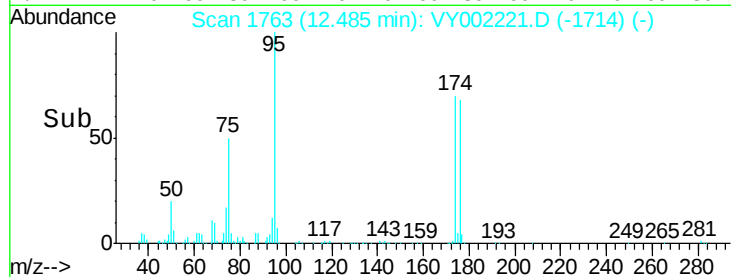
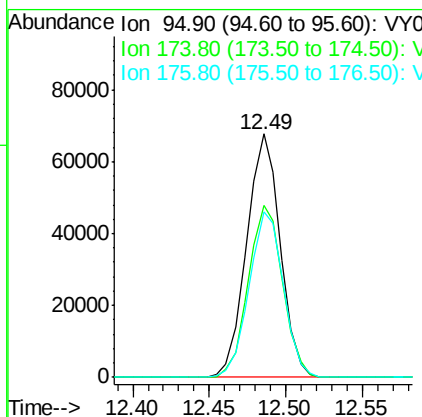
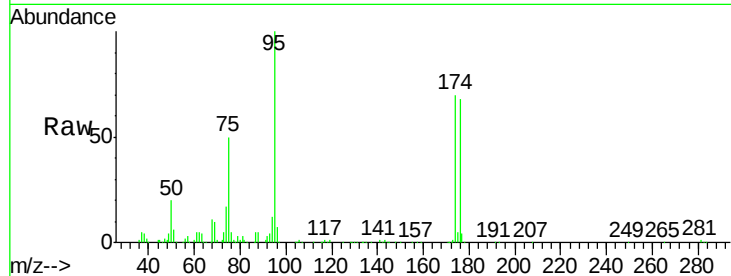




#62
4-Bromofluorobenzene
Concen: 51.814 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

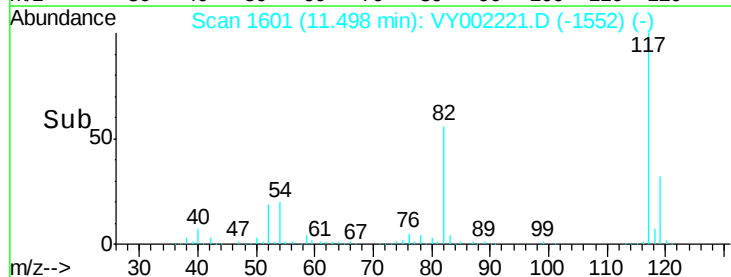
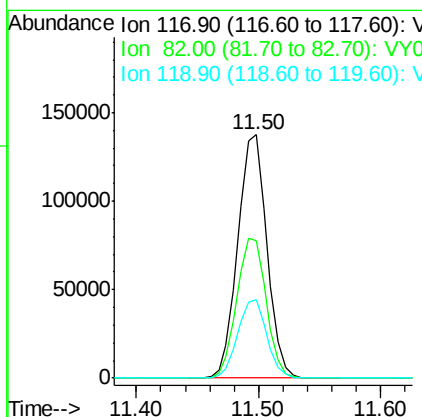
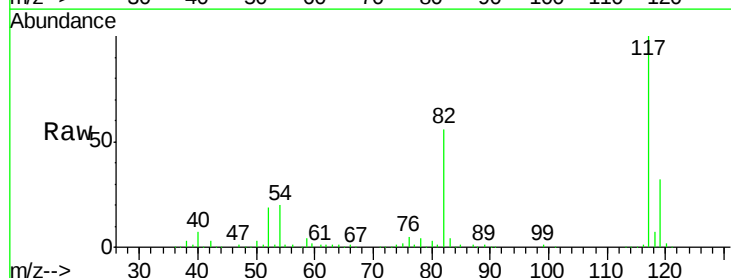
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

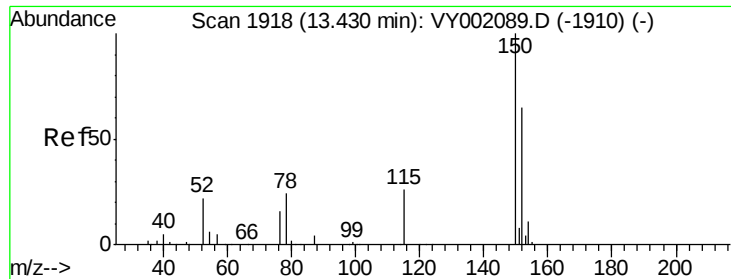
Tot Ion	95	Resp	103013
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	143.4
176	69.4	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

Tgt Ion	117	Resp	226021
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.4	68.2
119	32.3	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231

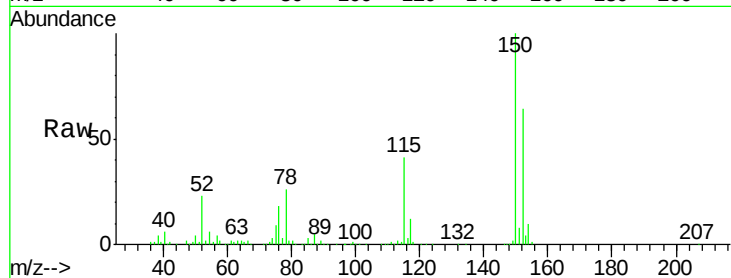
Tot Ion:152 Resp: 100401

Ion Ratio Lower Upper

152 100

115 62.5 31.2 93.6

150 158.2 0.0 354.8



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

