

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002445.D
 Acq On : 21 Apr 2020 19:47
 Operator : SY/MD
 Sample : L2344-01
 Misc : 6.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-1

Quant Time: Apr 22 03:50:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

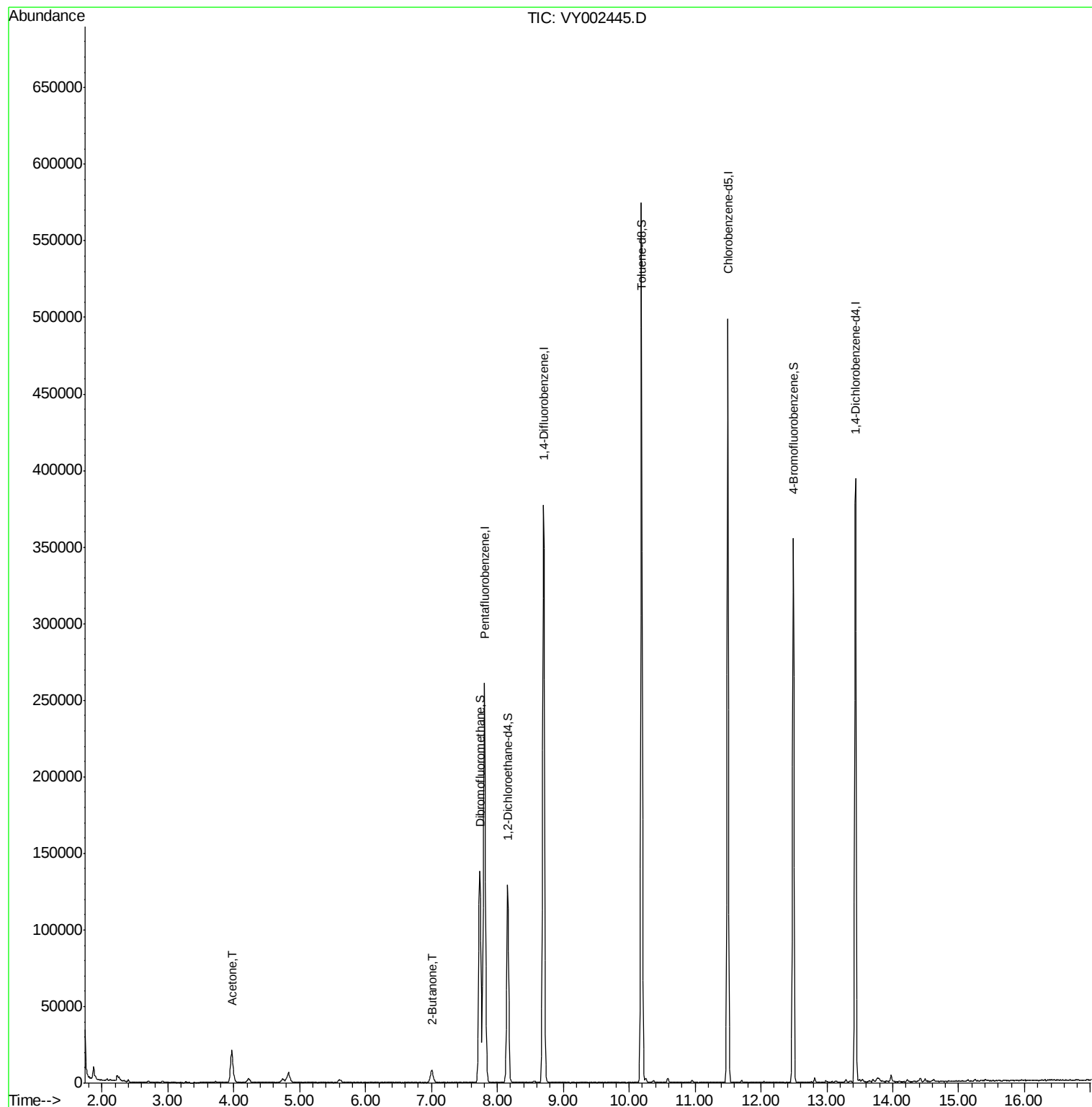
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	352402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94311	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.42%	
35) Dibromofluoromethane	7.74	113	102767	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
50) Toluene-d8	10.19	98	400862	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.49	95	107264	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
Target Compounds						
16) Acetone	3.97	43	35194	81.978	ug/l	96
25) 2-Butanone	7.01	43	9358	15.292	ug/l	93

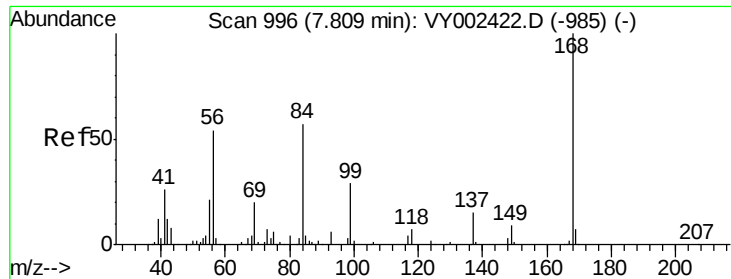
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampled :

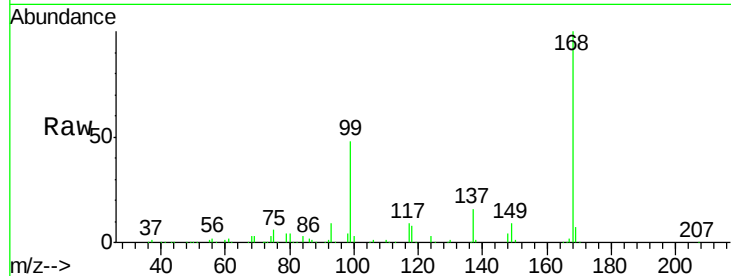
TP-2-1

Tot Ion:168 Resp: 220882

Ion Ratio Lower Upper

168 100

99 47.9 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.80

100000

80000

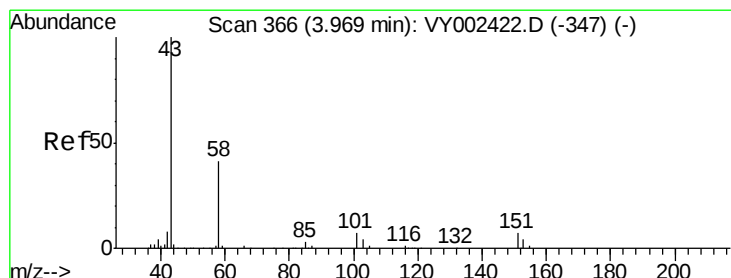
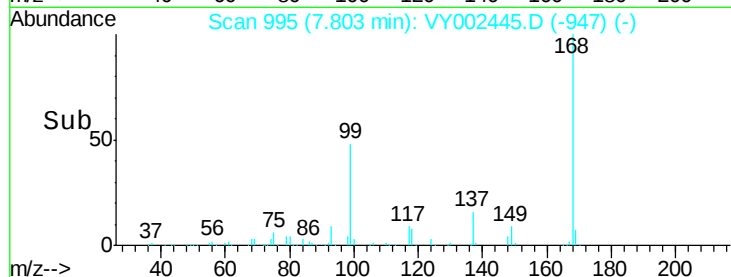
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 81.978 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002445.D

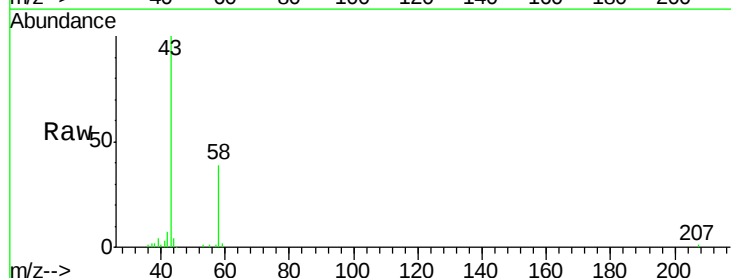
Acq: 21 Apr 2020 19:47

Tgt Ion: 43 Resp: 35194

Ion Ratio Lower Upper

43 100

58 38.5 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.97

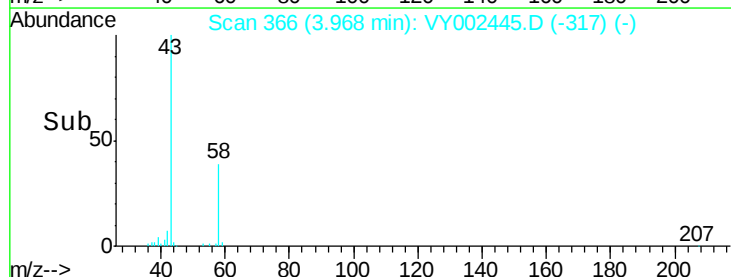
15000

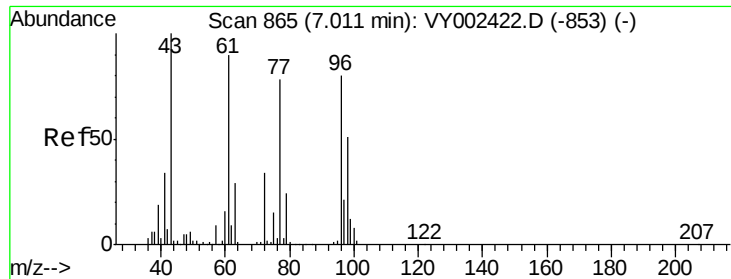
10000

5000

0

Time-->





#25

2-Butanone

Concen: 15.292 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampled :

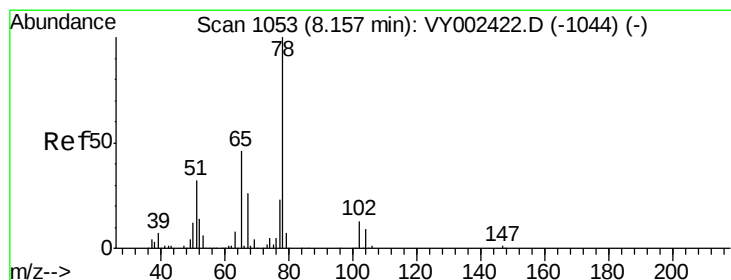
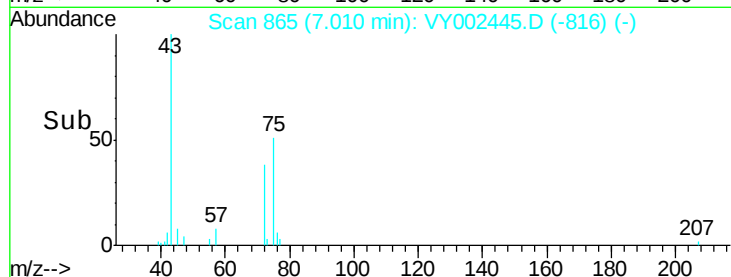
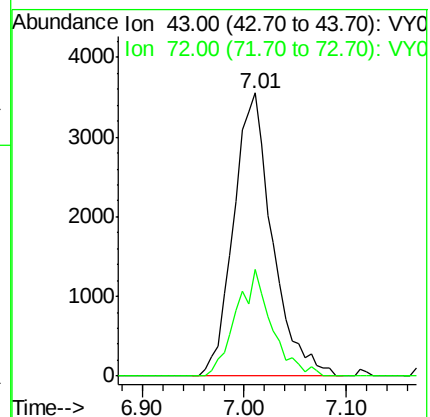
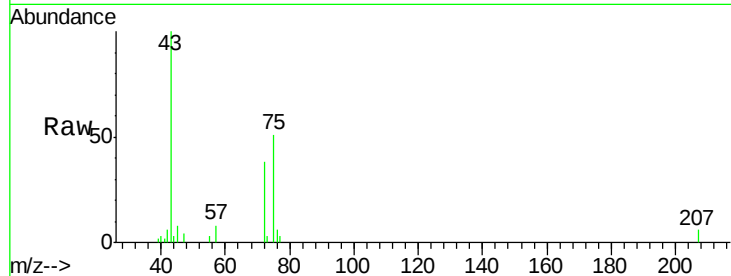
TP-2-1

Tot Ion: 43 Resp: 9358

Ion Ratio Lower Upper

43 100

72 37.6 27.0 40.6



#33

1,2-Dichloroethane-d4

Concen: 58.706 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002445.D

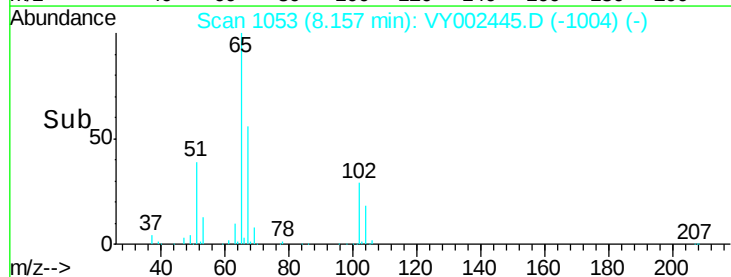
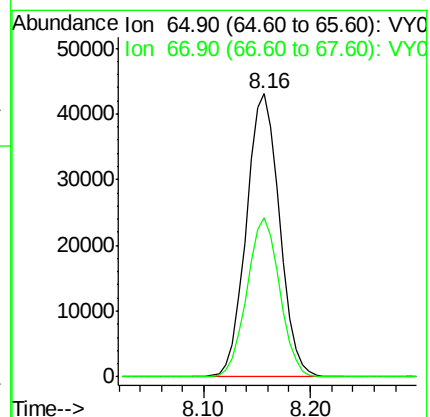
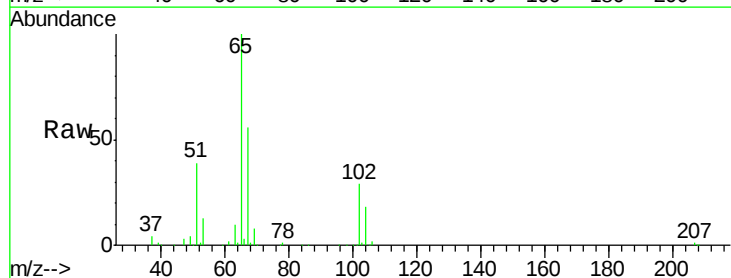
Acq: 21 Apr 2020 19:47

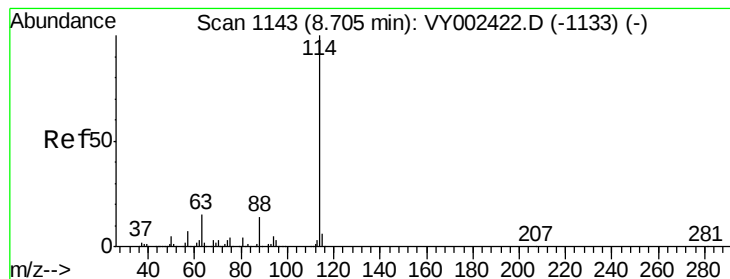
Tgt Ion: 65 Resp: 94311

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-1

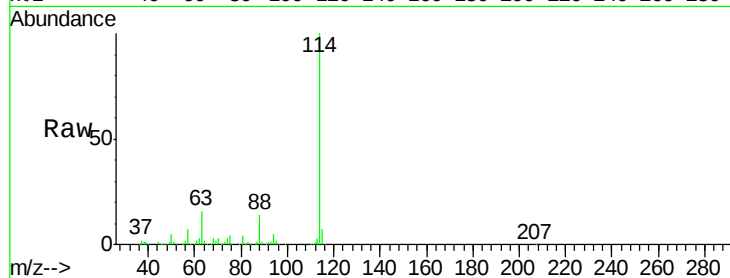
Tot Ion:114 Resp: 352402

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.0

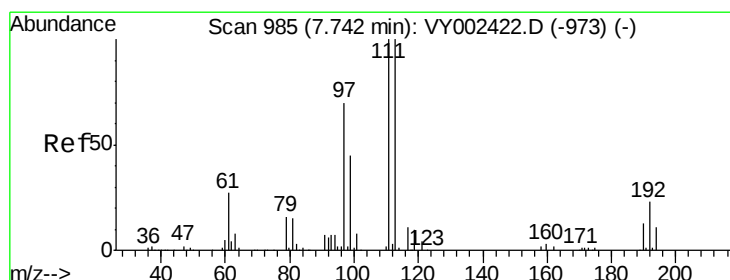
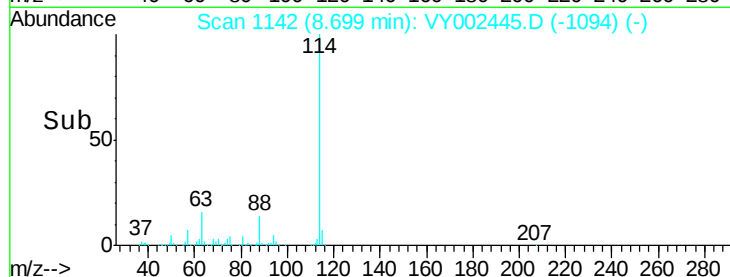
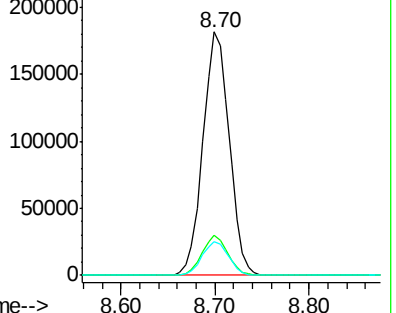
88 13.9 0.0 28.2



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: 55.443 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

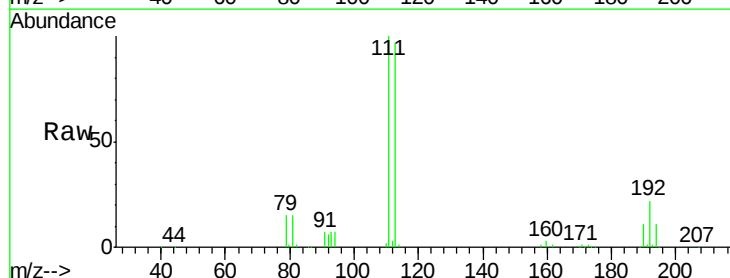
Tgt Ion:113 Resp: 102767

Ion Ratio Lower Upper

113 100

111 100.3 81.7 122.5

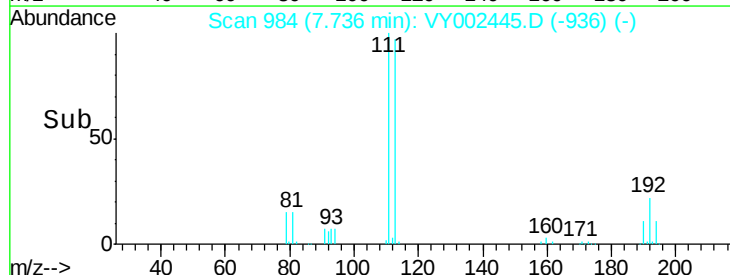
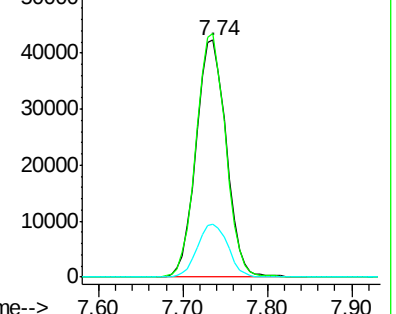
192 22.6 17.8 26.6

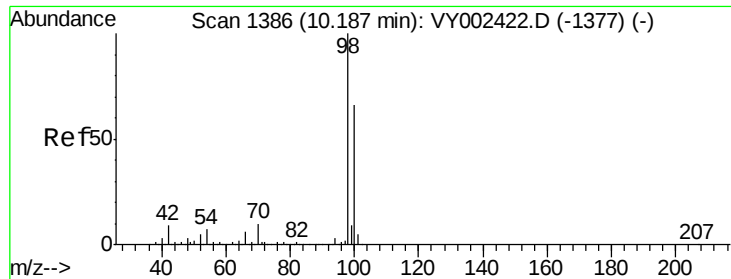


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.470 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_Y

ClientSampled :

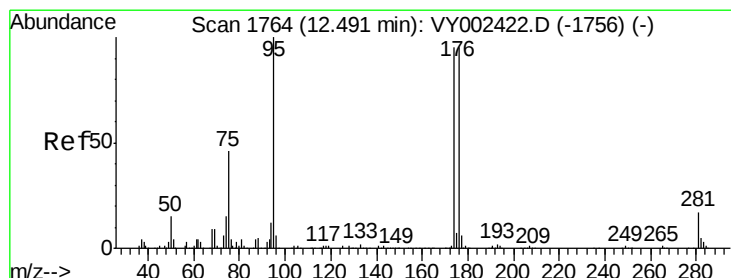
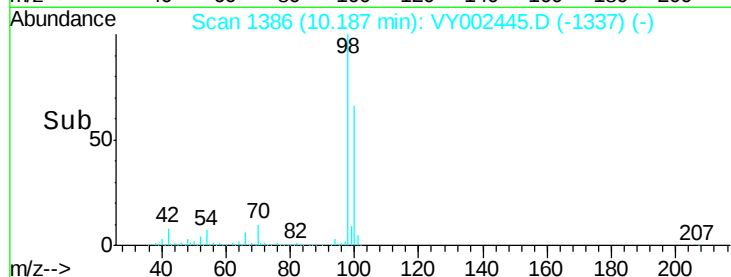
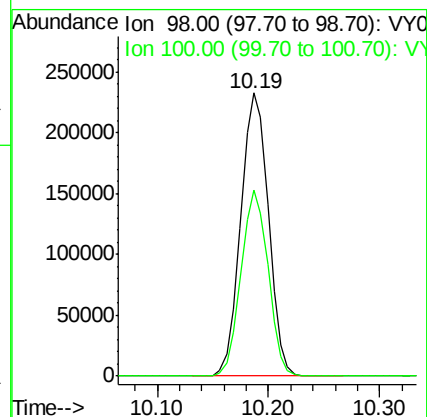
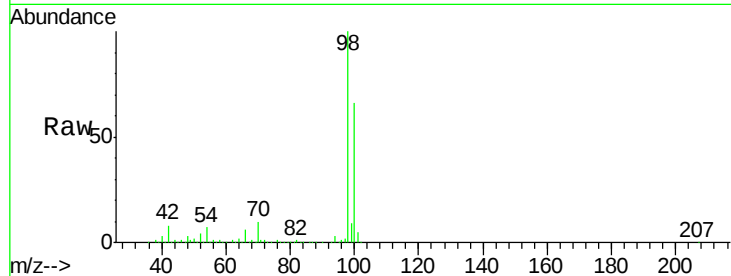
TP-2-1

Tot Ion: 98 Resp: 400862

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 43.335 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002445.D

Acq: 21 Apr 2020 19:47

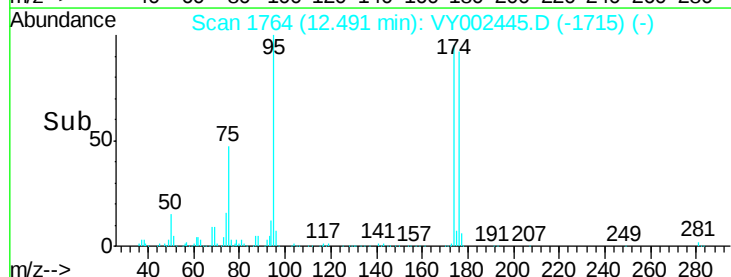
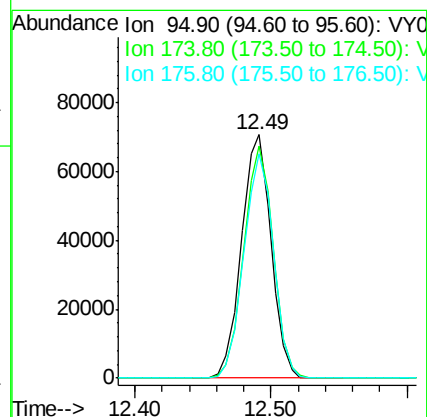
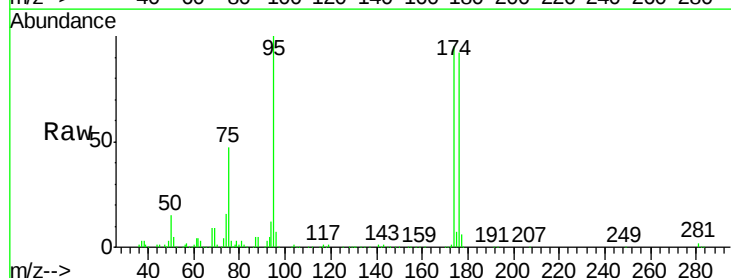
Tgt Ion: 95 Resp: 107264

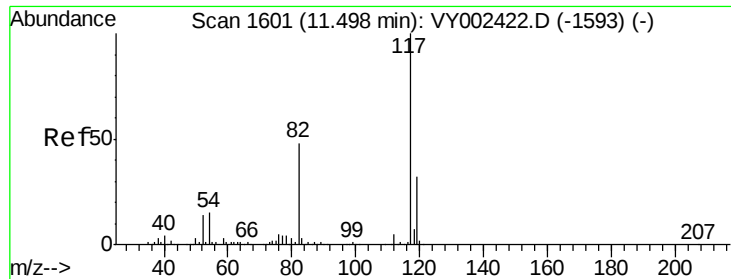
Ion Ratio Lower Upper

95 100

174 94.6 0.0 185.8

176 92.2 0.0 181.2

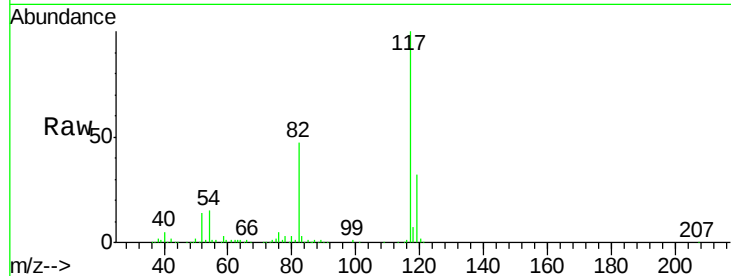




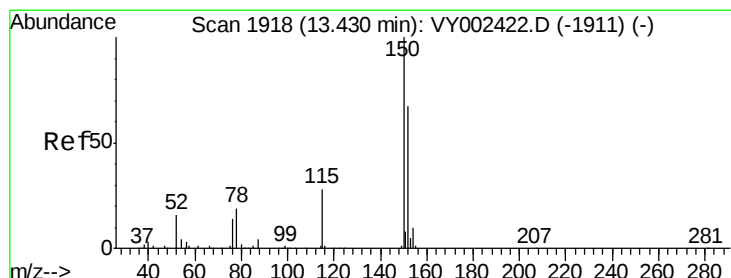
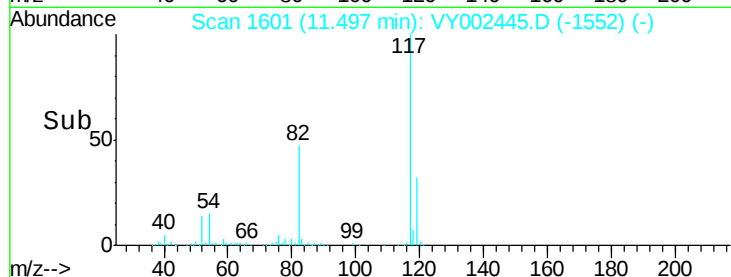
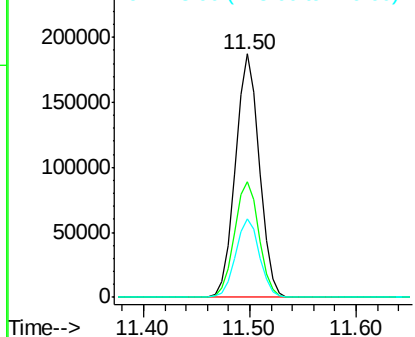
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002445.D
Acq: 21 Apr 2020 19:47

Instrument :
MSVOA_Y
ClientSampled :
TP-2-1

Tot Ion:117 Resp: 295904
Ion Ratio Lower Upper
117 100
82 47.5 38.4 57.6
119 32.0 25.3 37.9

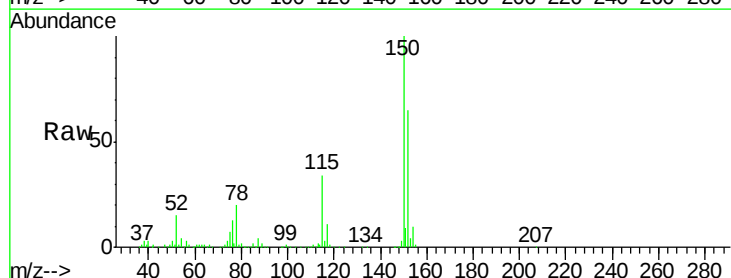


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002445.D
Acq: 21 Apr 2020 19:47

Tgt Ion:152 Resp: 112726
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.8
150 155.3 0.0 344.0



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

