

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031620\
 Data File : VY001976.D
 Acq On : 16 Mar 2020 12:38
 Operator : SY/MD
 Sample : L1942-05
 Misc : 8.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10(9-10)

Quant Time: Mar 17 08:29:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

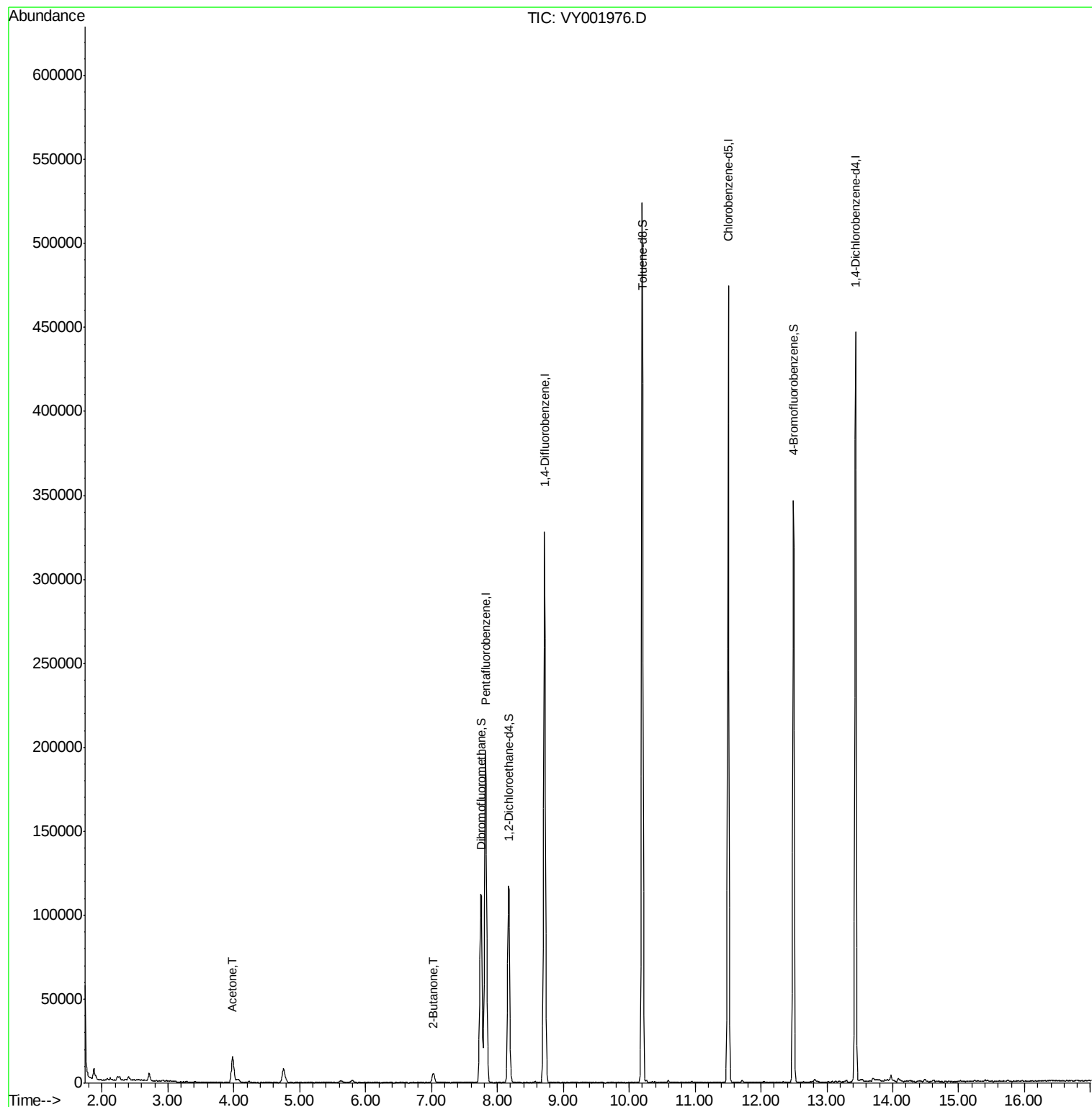
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	147811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	283694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	108818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	87171	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.75	113	82185	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	10.20	98	341718	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.49	95	112508	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
Target Compounds						
16) Acetone	3.98	43	27337	59.480	ug/l	99
25) 2-Butanone	7.02	43	9951	14.237	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001976.D

Acq: 16 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

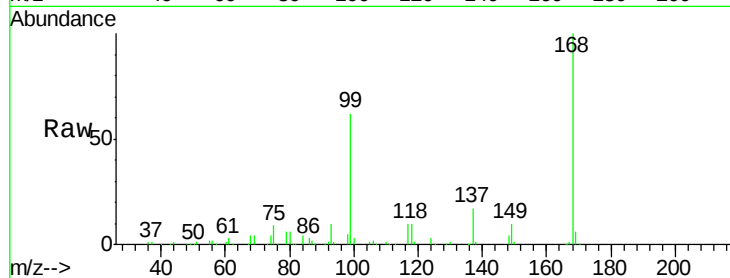
TP-10(9-10)

Tot Ion:168 Resp: 147811

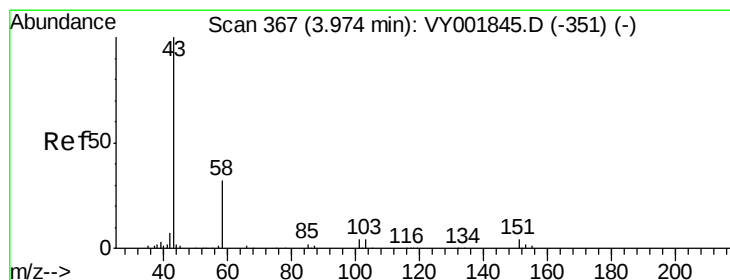
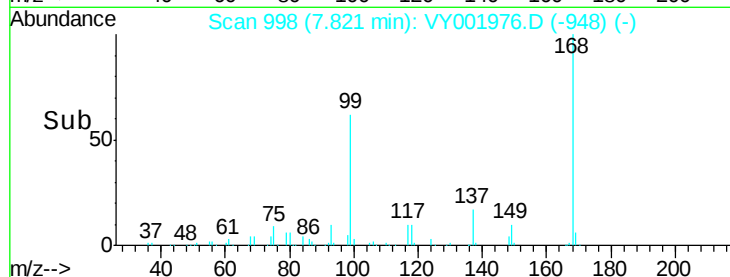
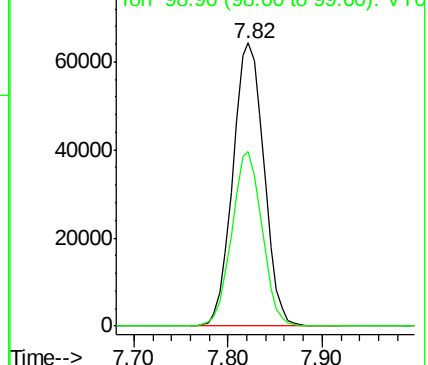
Ion Ratio Lower Upper

168 100

99 61.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 59.480 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001976.D

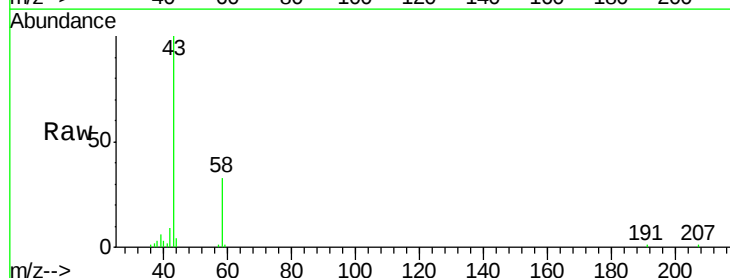
Acq: 16 Mar 2020 12:38

Tgt Ion: 43 Resp: 27337

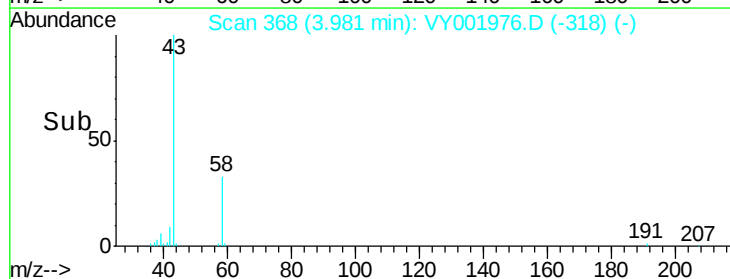
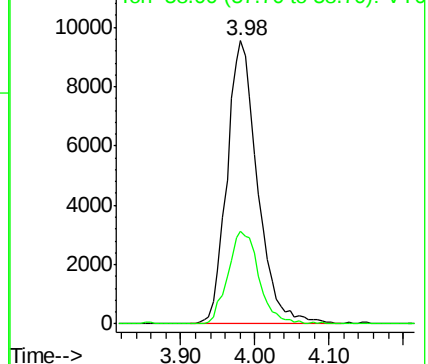
Ion Ratio Lower Upper

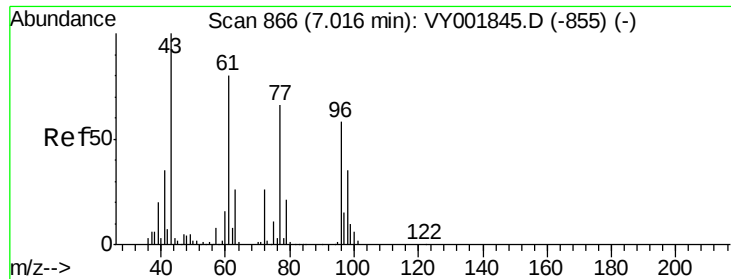
43 100

58 32.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)





#25

2-Butanone

Concen: 14.237 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001976.D

Acq: 16 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

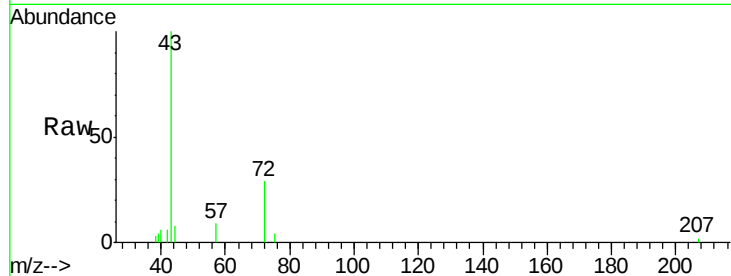
TP-10(9-10)

Tot Ion: 43 Resp: 9951

Ion Ratio Lower Upper

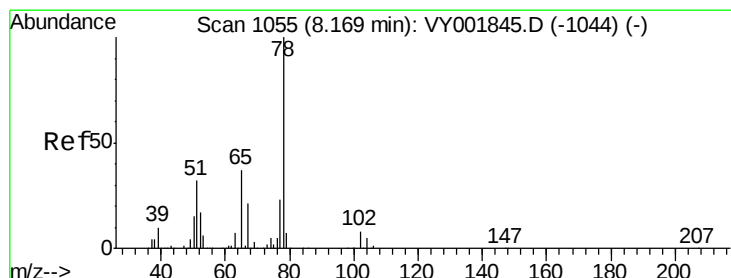
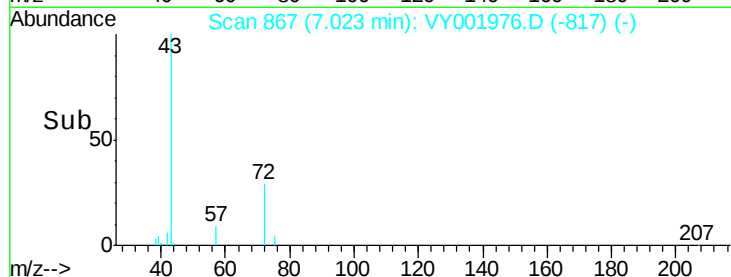
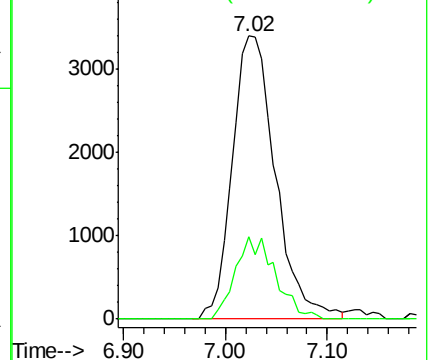
43 100

72 29.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 55.242 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001976.D

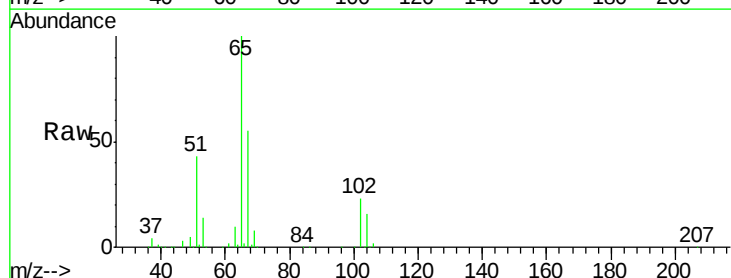
Acq: 16 Mar 2020 12:38

Tgt Ion: 65 Resp: 87171

Ion Ratio Lower Upper

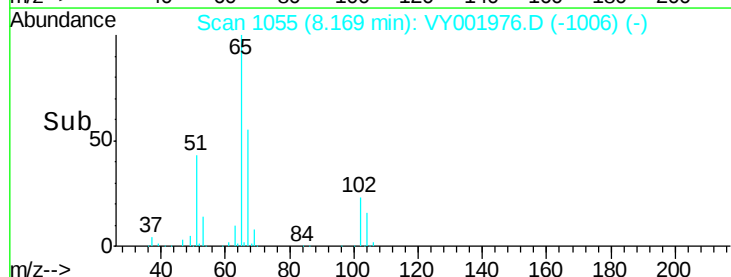
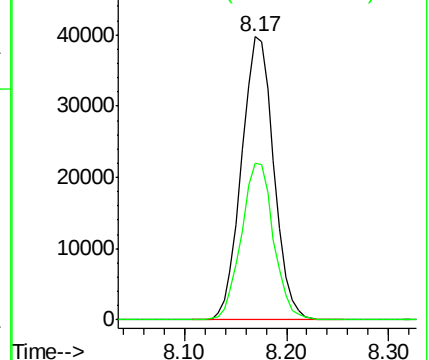
65 100

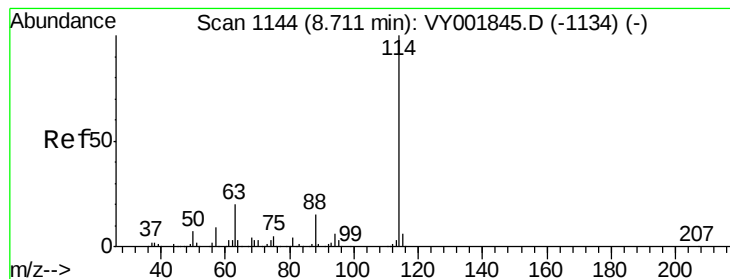
67 55.3 0.0 110.8



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: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001976.D

Acq: 16 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

TP-10(9-10)

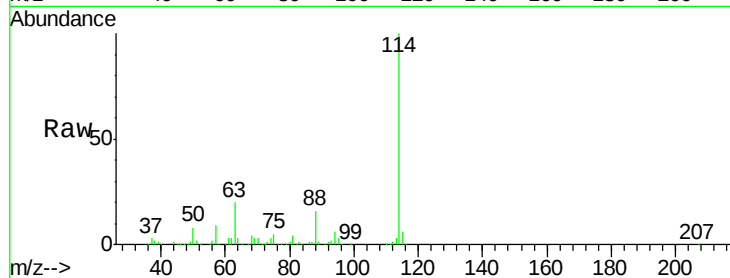
Tot Ion:114 Resp: 283694

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

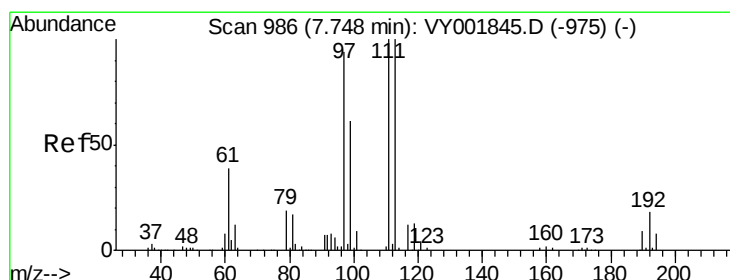
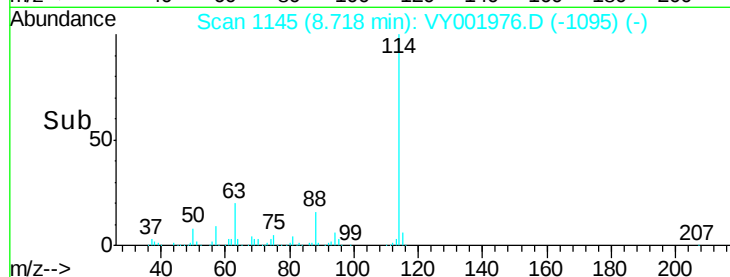
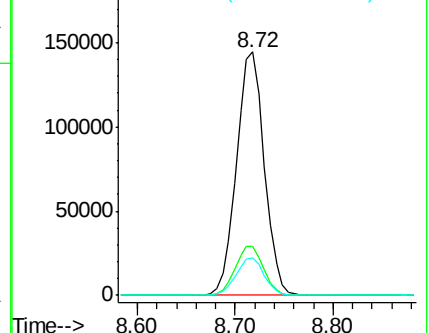
88 15.7 0.0 30.4



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: 53.053 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001976.D

Acq: 16 Mar 2020 12:38

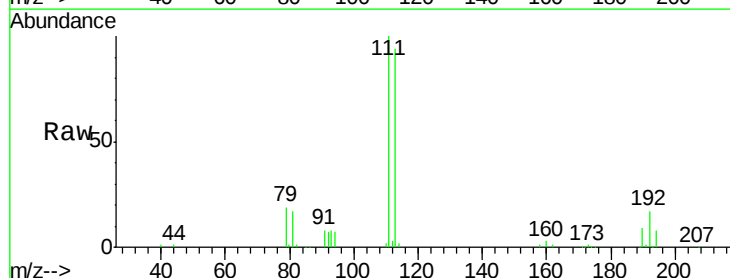
Tgt Ion:113 Resp: 82185

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

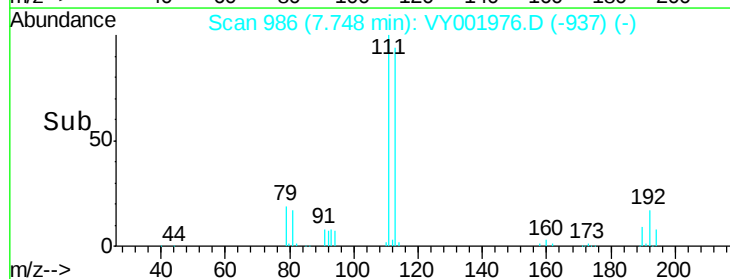
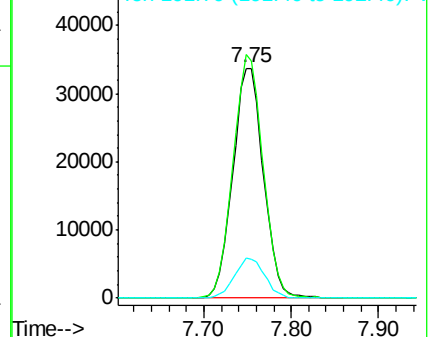
192 17.2 14.2 21.2

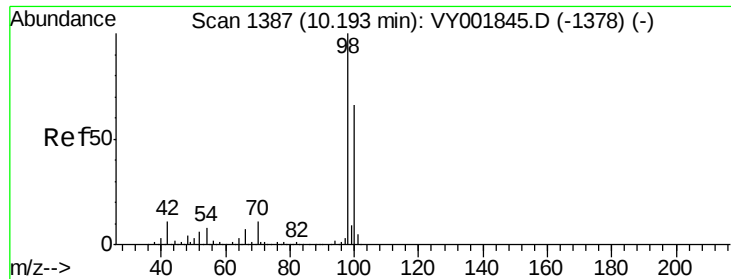


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.312 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001976.D

Acq: 16 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampled :

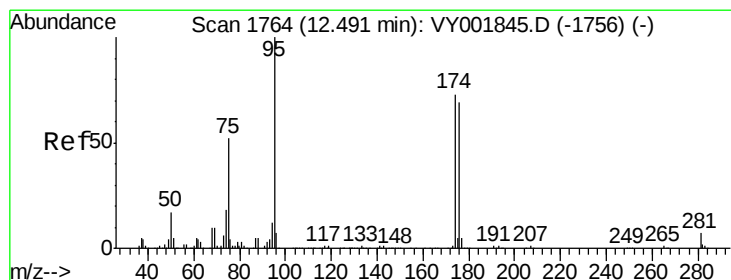
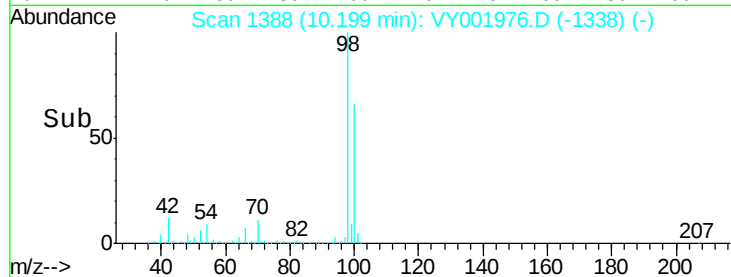
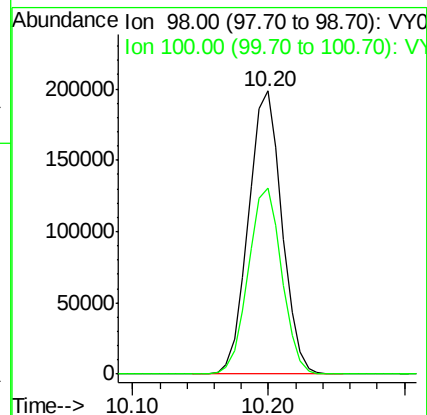
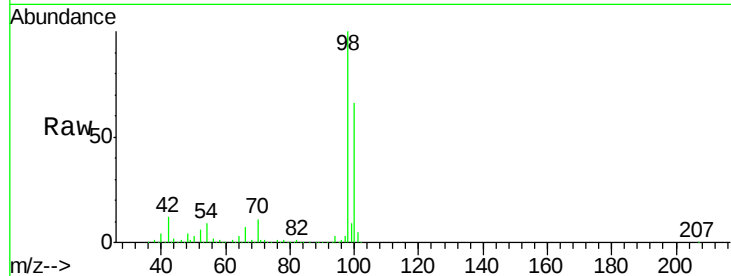
TP-10(9-10)

Tot Ion: 98 Resp: 341718

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 49.533 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001976.D

Acq: 16 Mar 2020 12:38

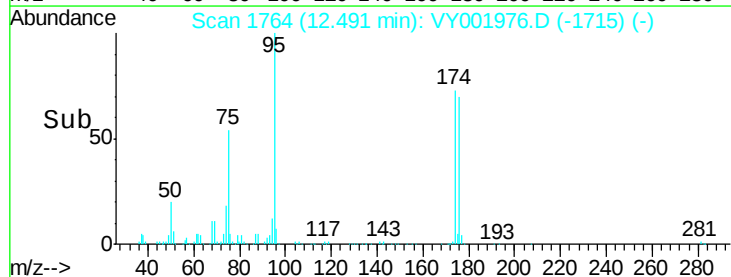
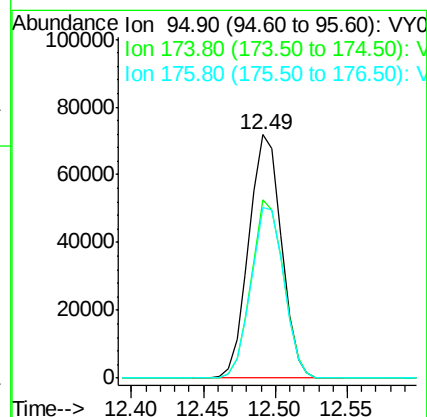
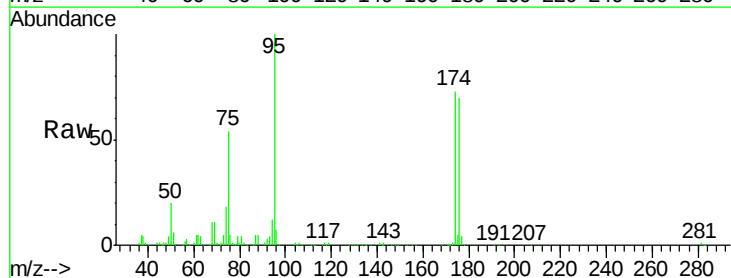
Tgt Ion: 95 Resp: 112508

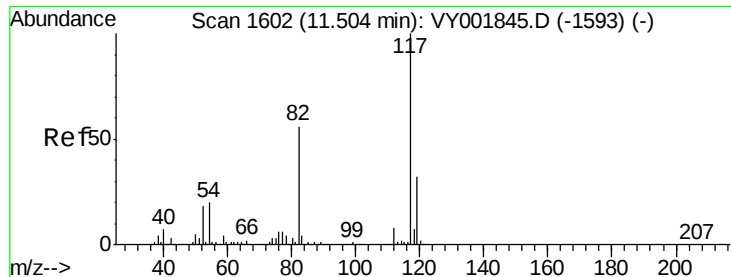
Ion Ratio Lower Upper

95 100

174 72.4 0.0 145.0

176 70.7 0.0 137.4

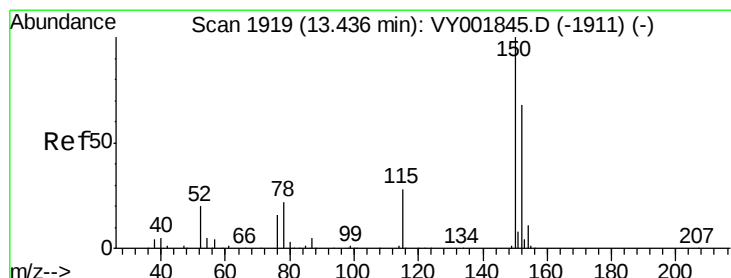
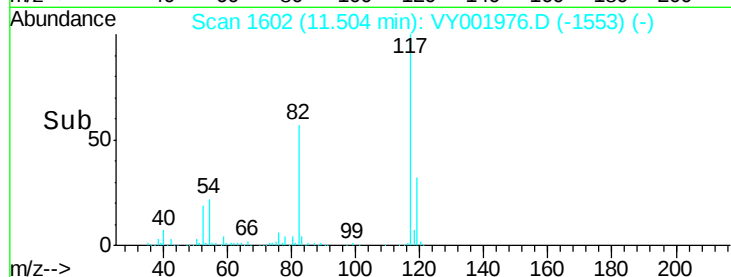
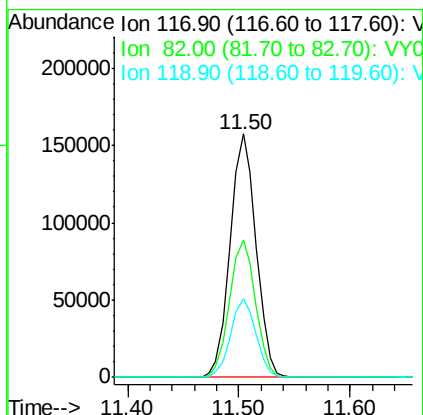
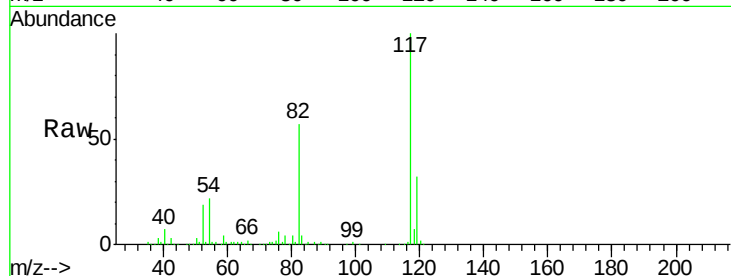




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001976.D
Acq: 16 Mar 2020 12:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-10(9-10)

Tot Ion:117 Resp: 252890
Ion Ratio Lower Upper
117 100
82 56.5 44.5 66.7
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001976.D
Acq: 16 Mar 2020 12:38

Tgt Ion:152 Resp: 108818
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 154.4 0.0 340.6

