

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002076.D
 Acq On : 25 Mar 2020 18:44
 Operator : SY/MD
 Sample : L2043-05
 Misc : 7.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-(4-5)

Quant Time: Mar 26 08:17:17 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	129779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	254741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	235614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	104754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	83332	60.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.30%	
35) Dibromofluoromethane	7.75	113	74500	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
50) Toluene-d8	10.19	98	309494	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.49	95	105475	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

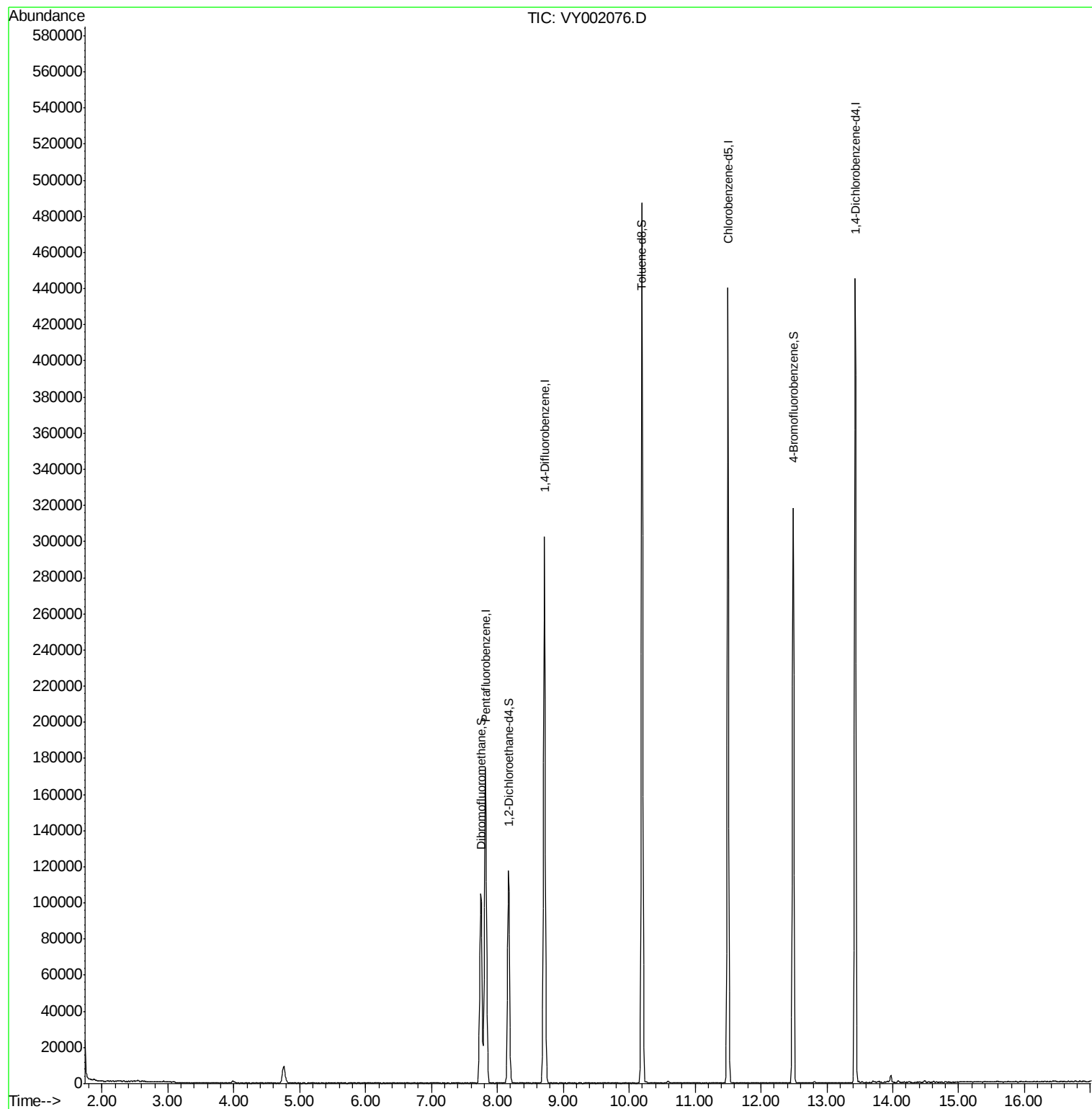
Target Compounds	Qvalue

(#) = 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: VY002076.D

Acq: 25 Mar 2020 18:44

Instrument :

MSVOA_Y

ClientSampleId :

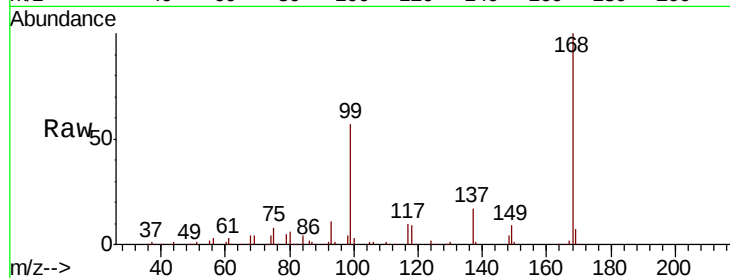
TP-1-(4-5)

Tot Ion:168 Resp: 129779

Ion Ratio Lower Upper

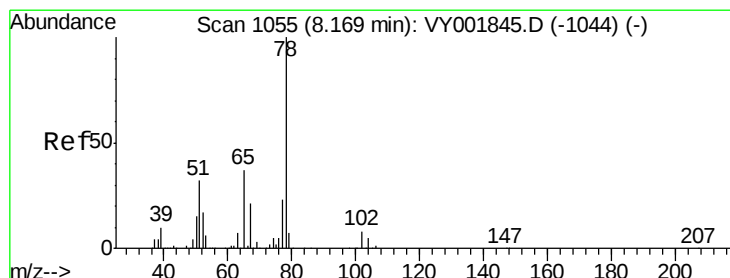
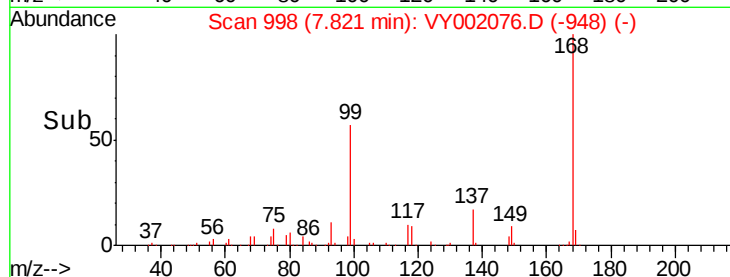
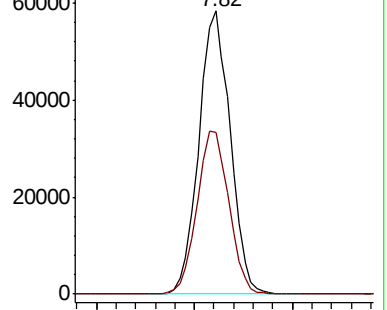
168 100

99 57.3 46.7 70.1



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

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.147 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002076.D

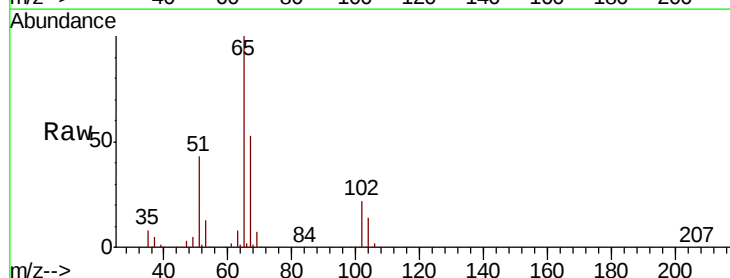
Acq: 25 Mar 2020 18:44

Tgt Ion: 65 Resp: 83332

Ion Ratio Lower Upper

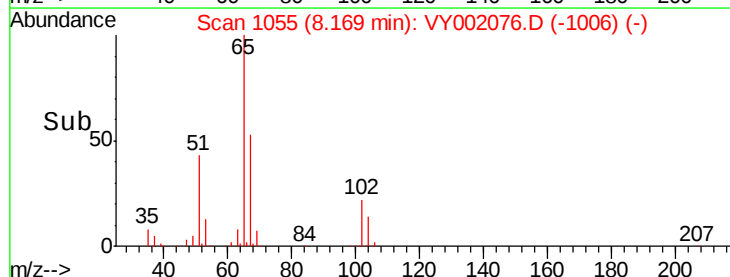
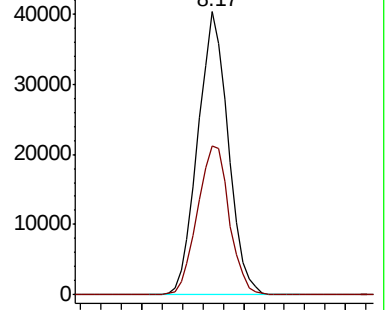
65 100

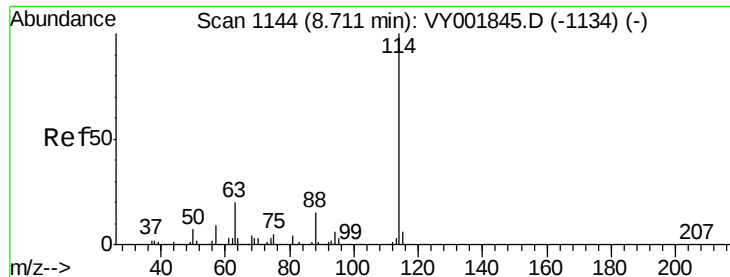
67 55.2 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

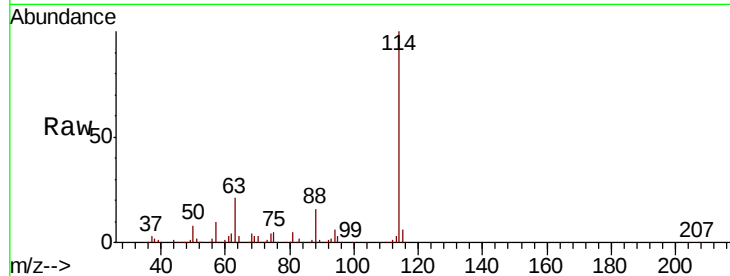




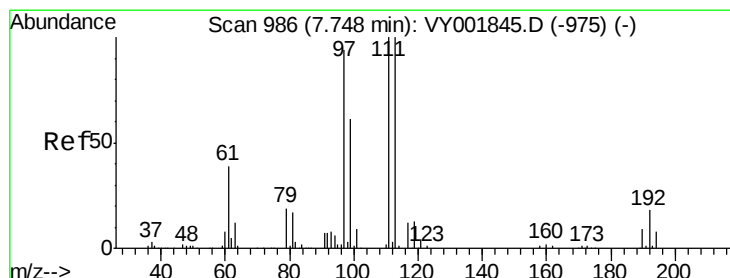
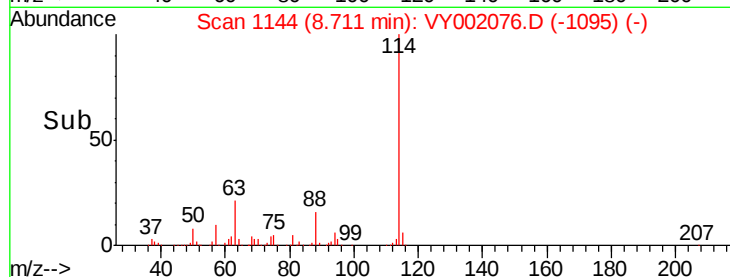
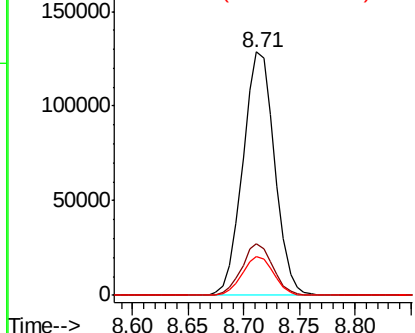
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002076.D
 Acq: 25 Mar 2020 18:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-(4-5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.4
88	15.9	0.0	30.4

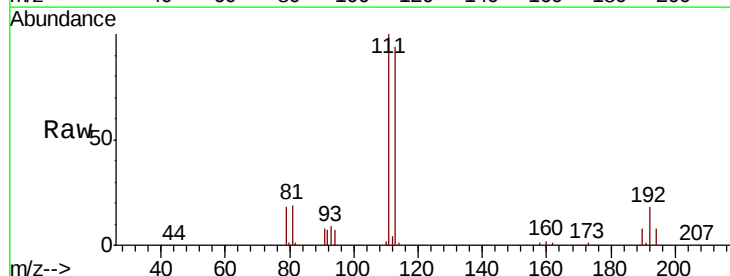


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

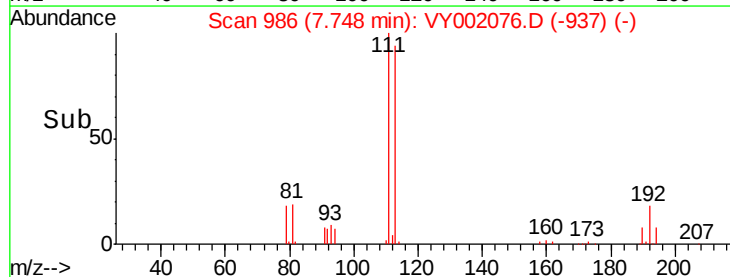
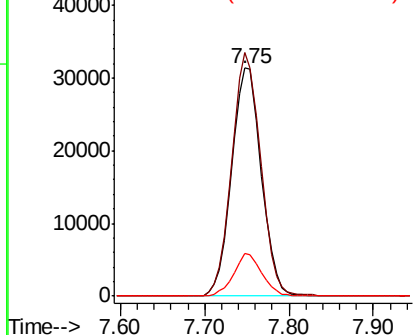


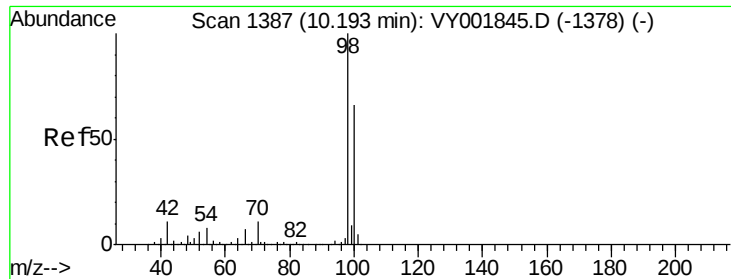
#35
 Dibromofluoromethane
 Concen: 53.559 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY002076.D
 Acq: 25 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.8
192	17.6	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: 52.764 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002076.D

Acq: 25 Mar 2020 18:44

Instrument :

MSVOA_Y

ClientSampleId :

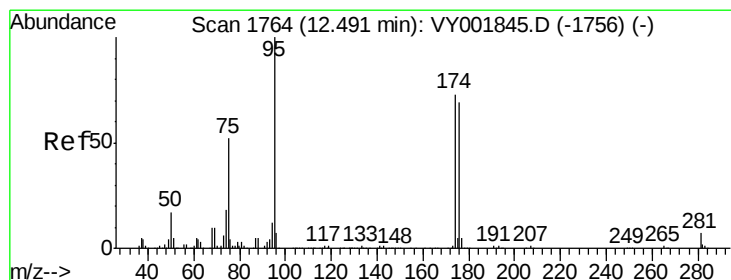
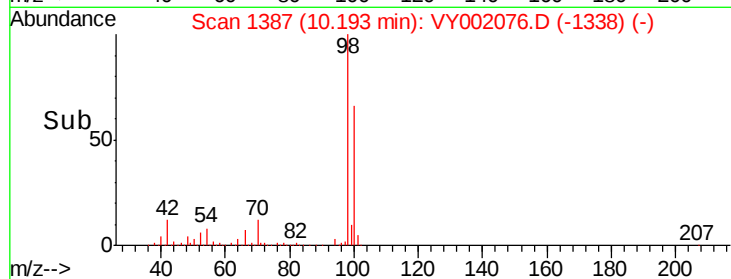
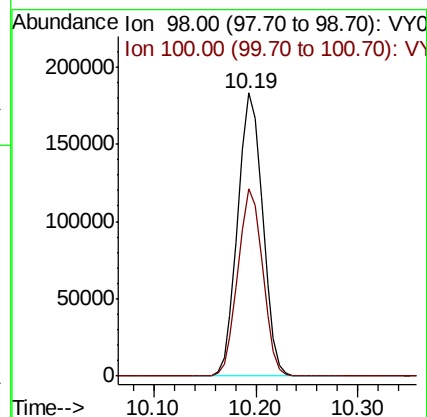
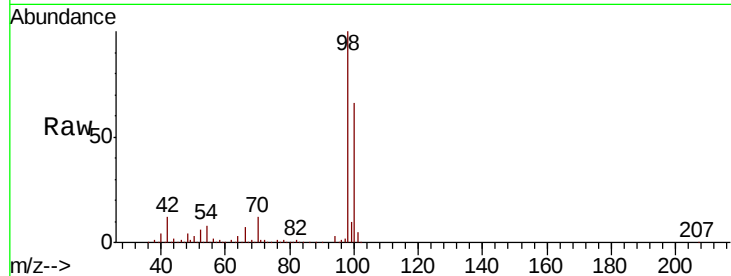
TP-1-(4-5)

Tot Ion: 98 Resp: 309494

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 51.715 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002076.D

Acq: 25 Mar 2020 18:44

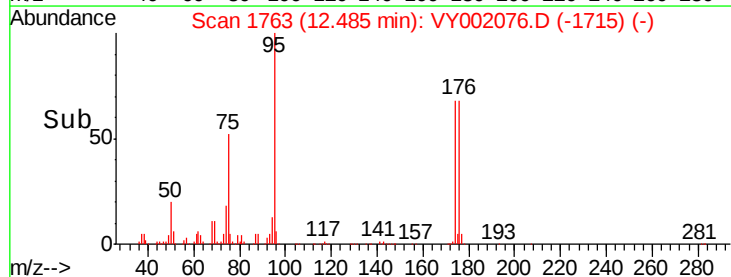
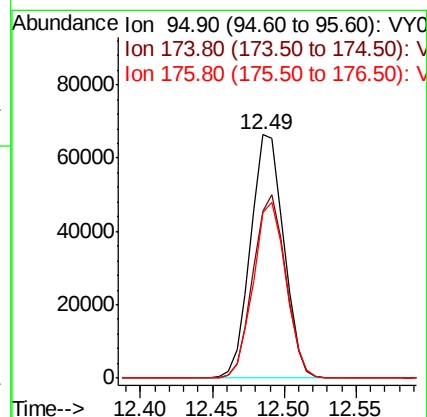
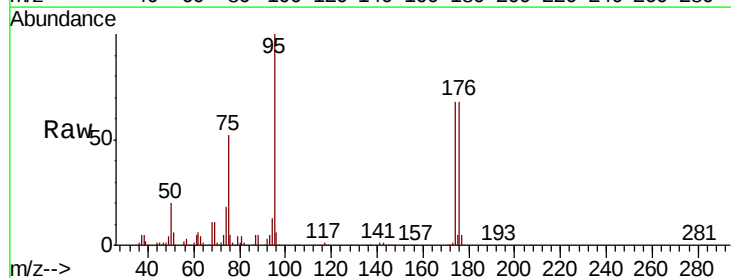
Tgt Ion: 95 Resp: 105475

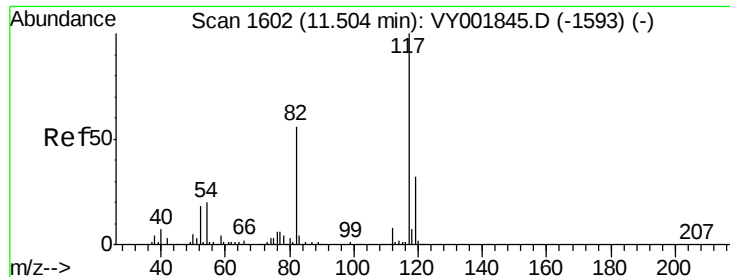
Ion Ratio Lower Upper

95 100

174 73.9 0.0 145.0

176 71.4 0.0 137.4

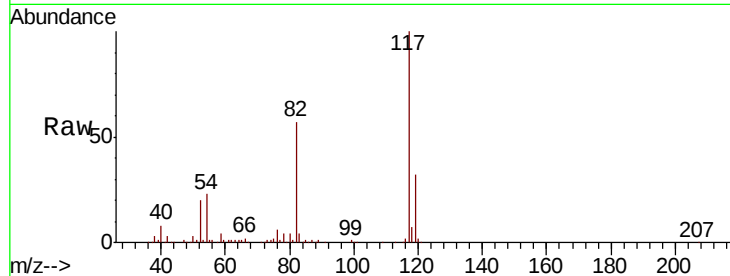




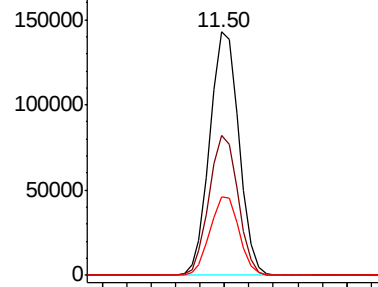
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002076.D
Acq: 25 Mar 2020 18:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-(4-5)

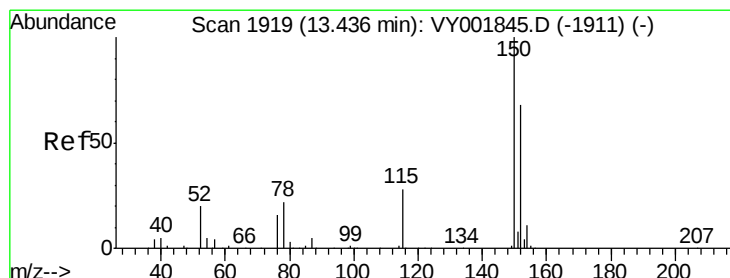
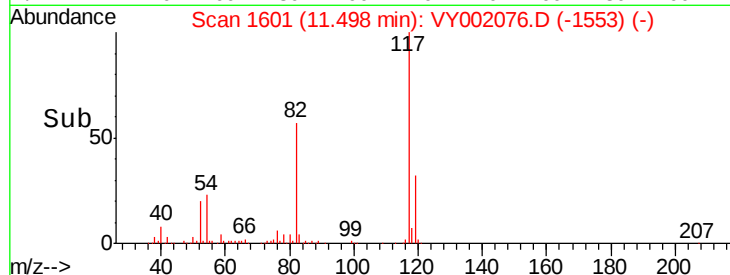
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.5	66.7
119	32.2	25.7	38.5



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

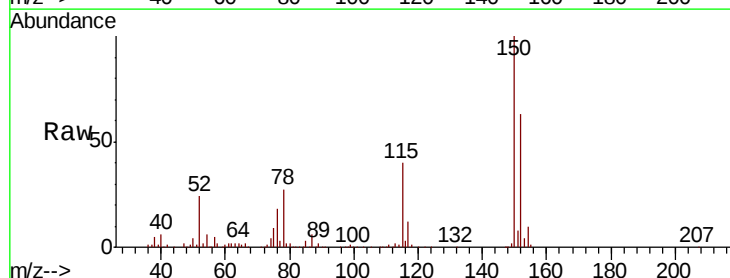


Time--> 11.40 11.50 11.60

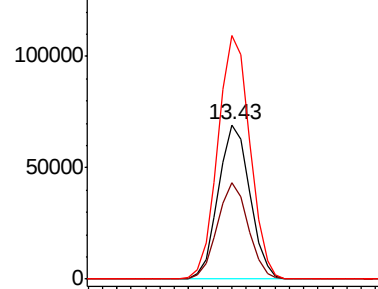


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002076.D
Acq: 25 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	29.9	89.7
150	160.3	0.0	340.6



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



Time--> 13.35 13.40 13.45 13.50

