

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
 Data File : VY000522.D
 Acq On : 01 Nov 2019 13:39
 Operator : SY/MD
 Sample : K5658-02
 Misc : 4.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-30-S2

Quant Time: Nov 01 23:15:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	146482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	241546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	217207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	96906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	84858	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	7.73	113	71456	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.18	98	280423	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.49	95	93637	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

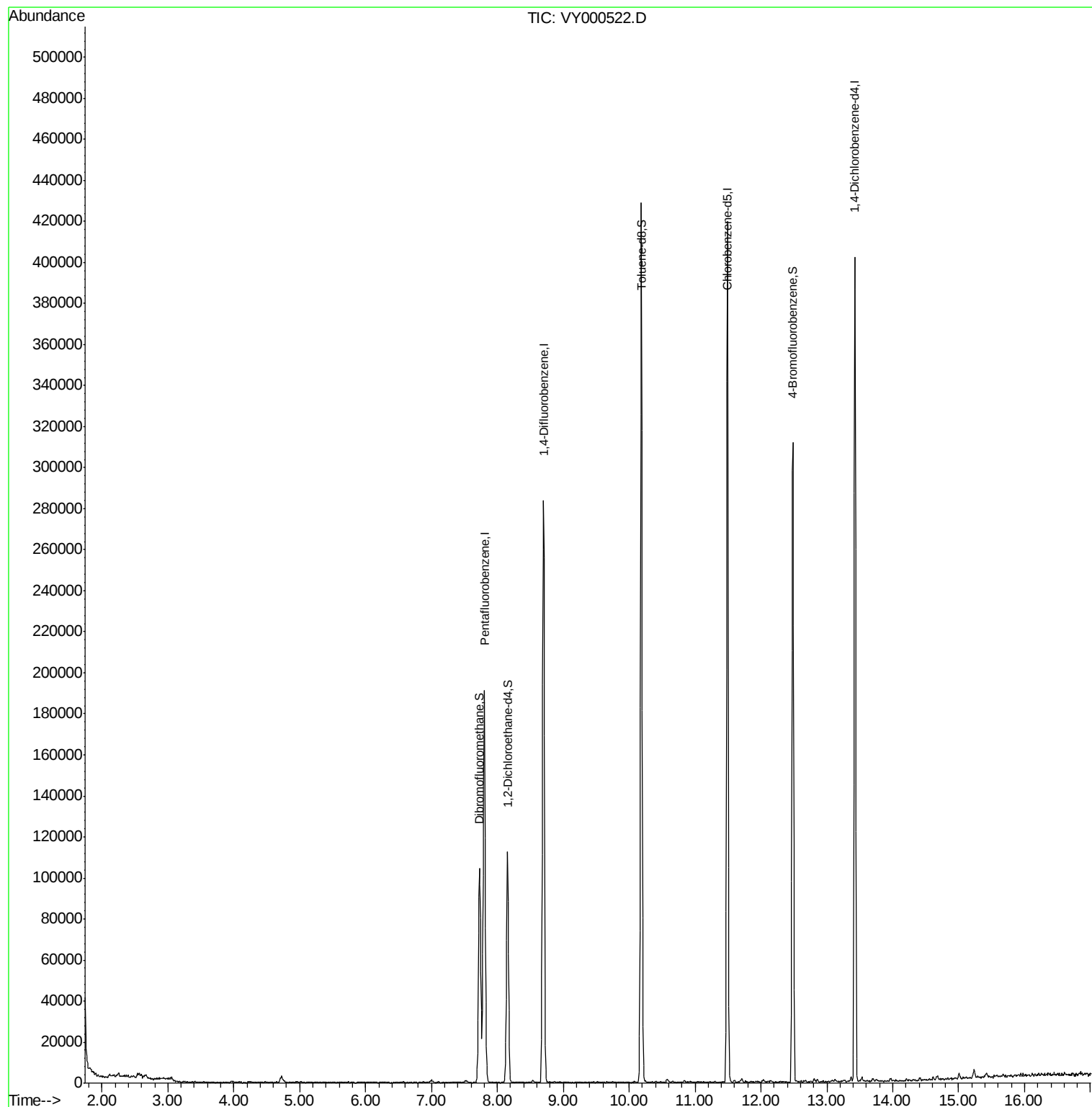
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000522.D

Acq: 01 Nov 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

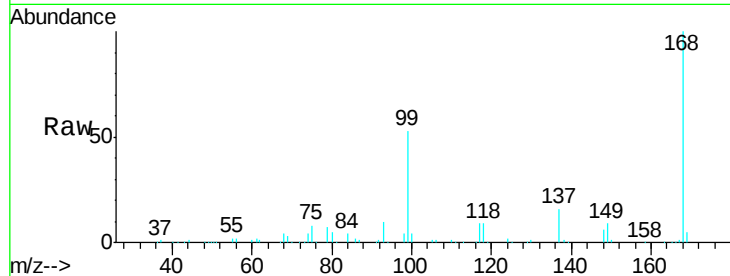
TP-30-S2

Tgt Ion:168 Resp: 146482

Ion Ratio Lower Upper

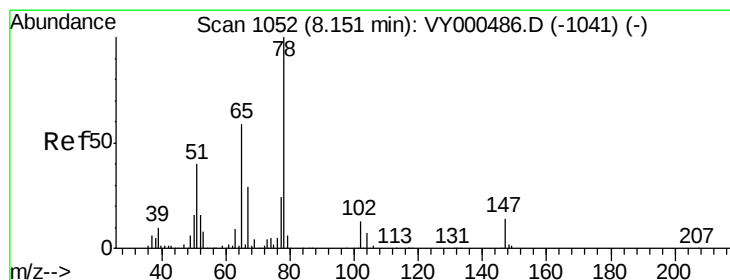
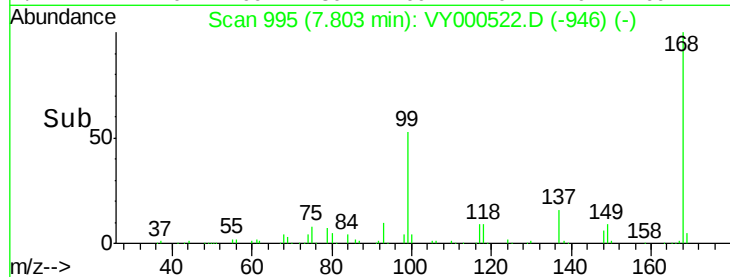
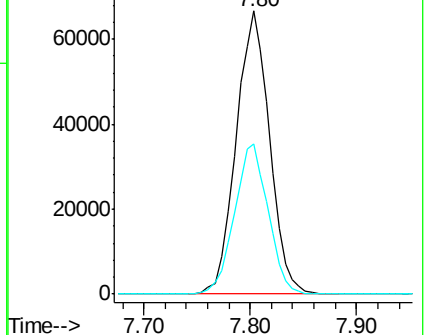
168 100

99 52.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.979 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000522.D

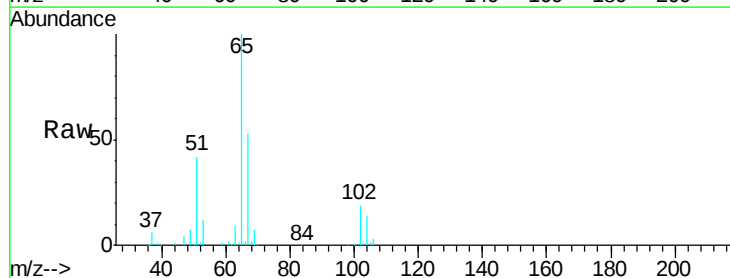
Acq: 01 Nov 2019 13:39

Tgt Ion: 65 Resp: 84858

Ion Ratio Lower Upper

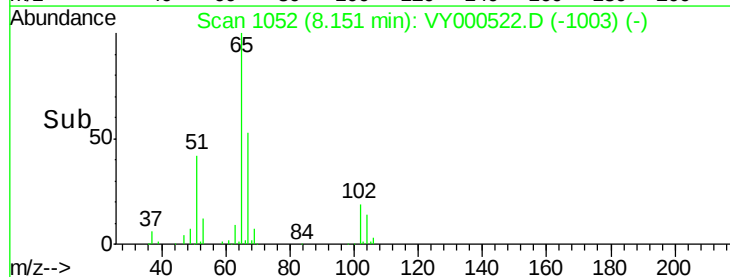
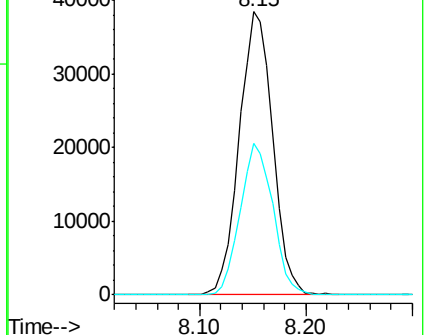
65 100

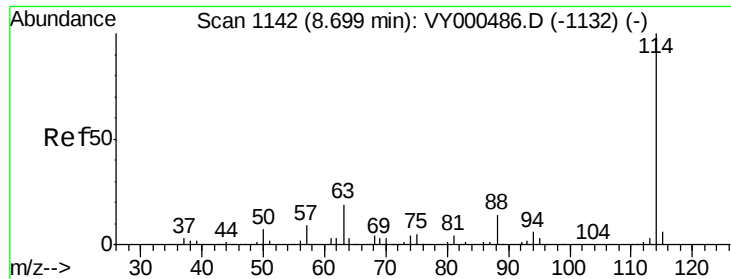
67 52.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

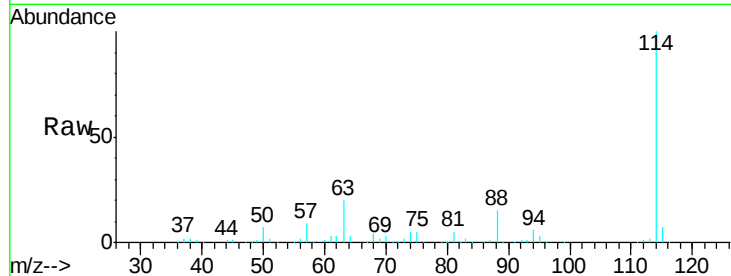




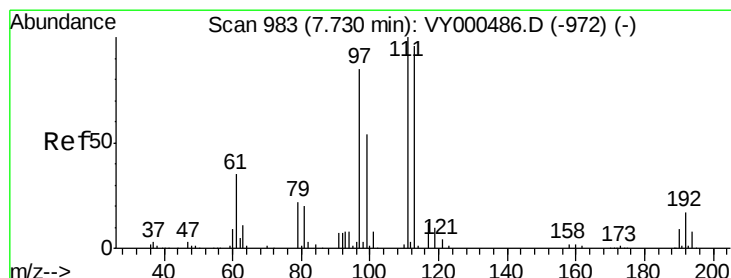
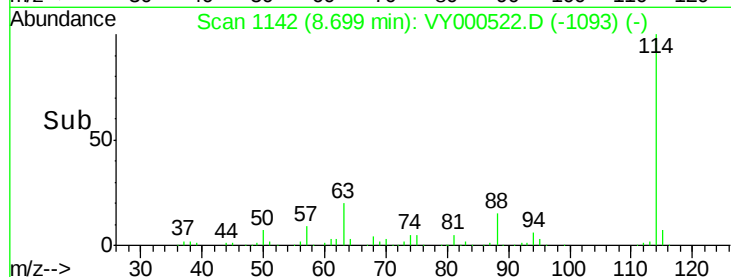
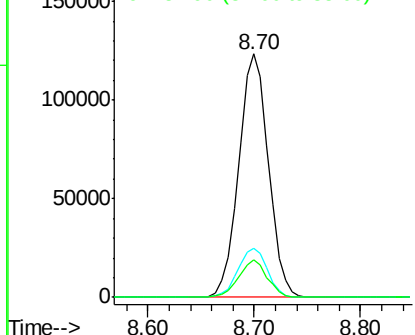
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000522.D
 Acq: 01 Nov 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-30-S2

Tgt Ion:114 Resp: 241546
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.0
 88 15.5 0.0 28.6

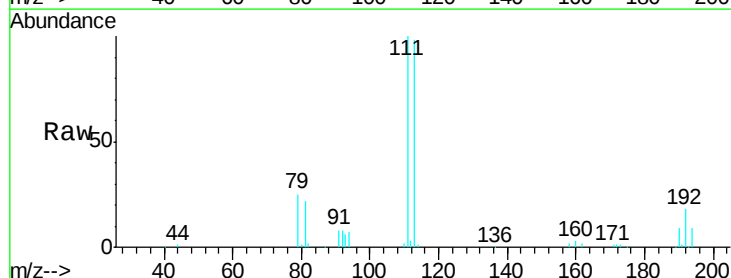


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

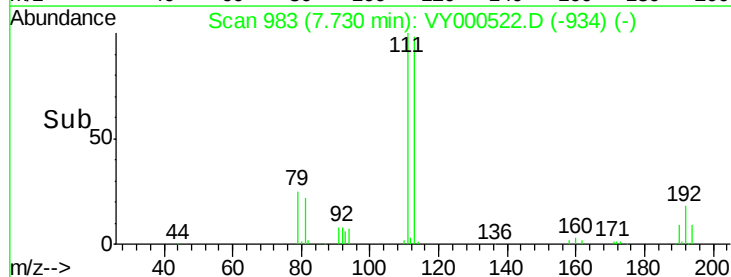
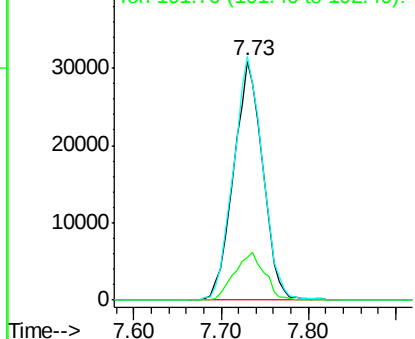


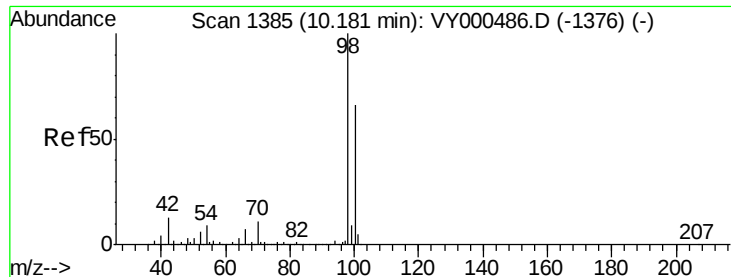
#35
 Dibromofluoromethane
 Concen: 50.391 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000522.D
 Acq: 01 Nov 2019 13:39

Tgt Ion:113 Resp: 71456
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 20.4 15.0 22.4



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: 52.117 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000522.D

Acq: 01 Nov 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

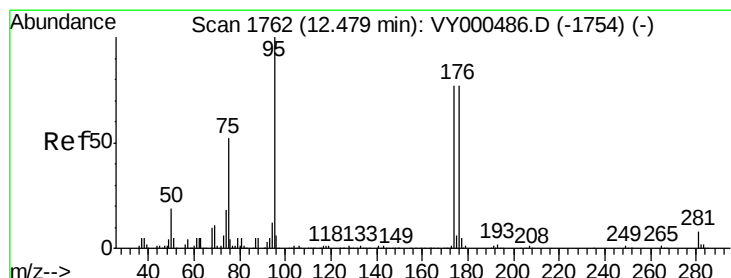
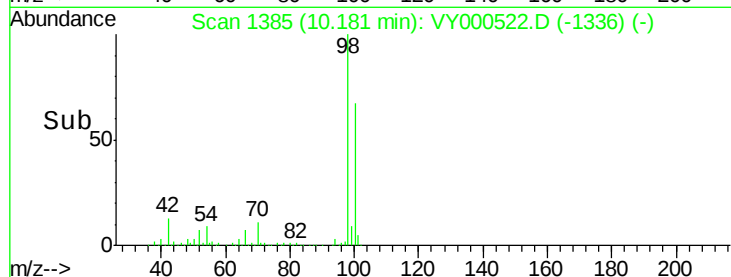
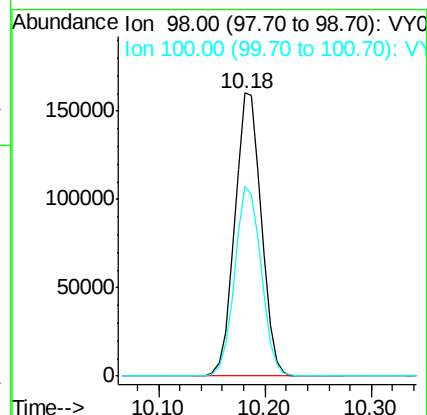
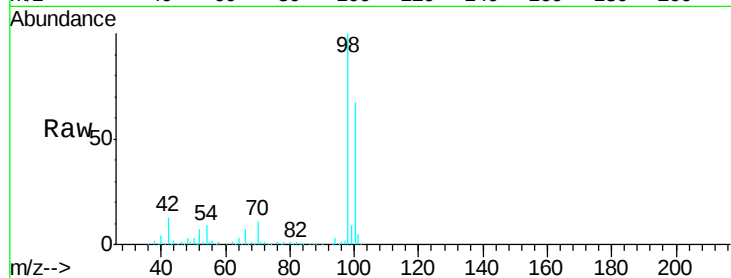
TP-30-S2

Tgt Ion: 98 Resp: 280423

Ion Ratio Lower Upper

98 100

100 67.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.712 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000522.D

Acq: 01 Nov 2019 13:39

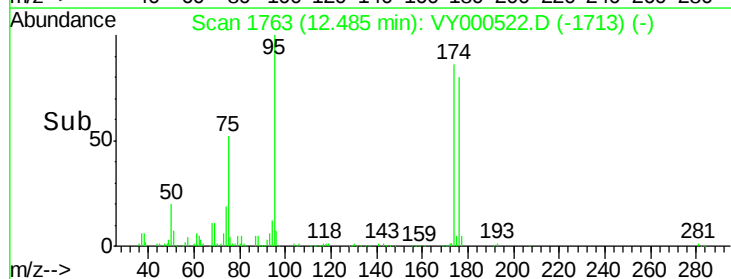
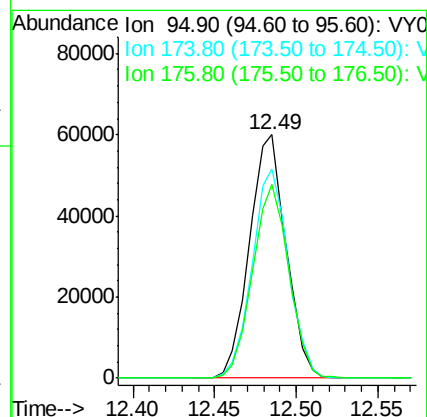
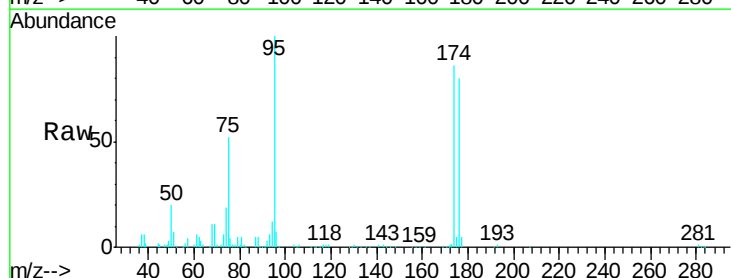
Tgt Ion: 95 Resp: 93637

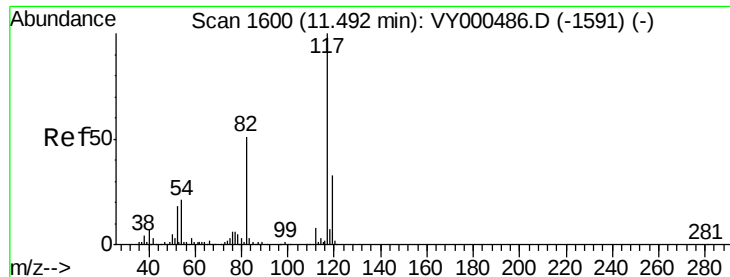
Ion Ratio Lower Upper

95 100

174 84.9 0.0 161.6

176 79.0 0.0 157.8

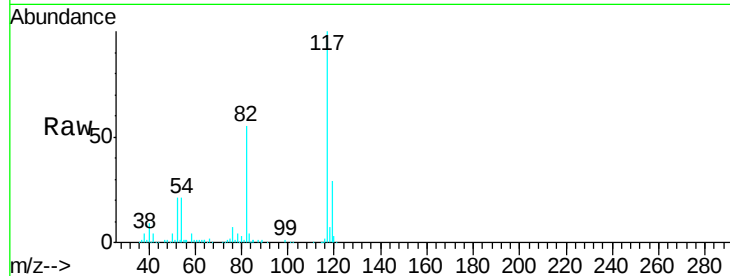




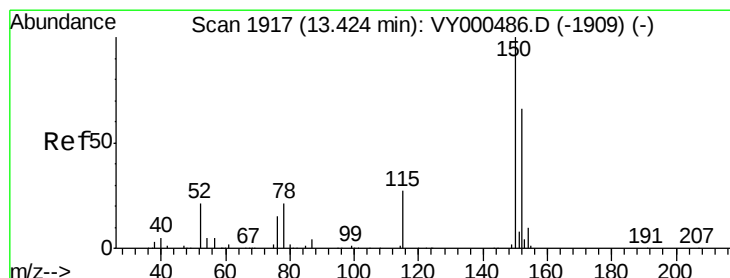
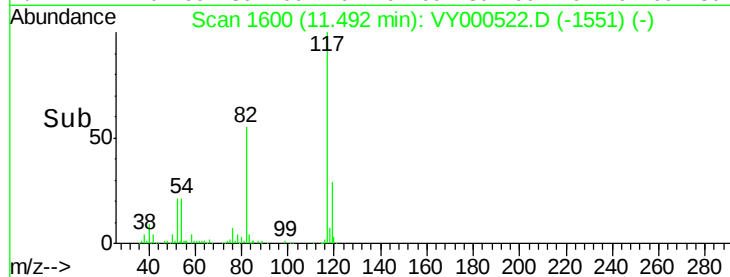
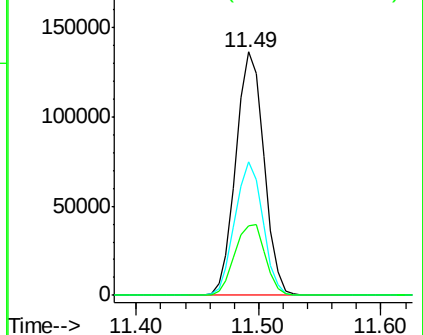
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000522.D
Acq: 01 Nov 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-30-S2

Tgt Ion:117 Resp: 217207
Ion Ratio Lower Upper
117 100
82 54.8 40.8 61.2
119 28.5 26.2 39.2

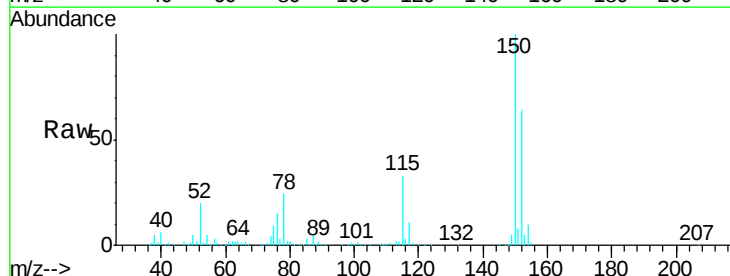


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY000522.D
Acq: 01 Nov 2019 13:39

Tgt Ion:152 Resp: 96906
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 160.5 0.0 348.8



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

