

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000454.D
 Acq On : 28 Oct 2019 15:01
 Operator : SY/MD
 Sample : K5564-05
 Misc : 6.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-1-2-4

Quant Time: Oct 29 10:22:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	332802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	257475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	76874	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	109673	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
35) Dibromofluoromethane	7.73	113	98420	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.18	98	379338	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.48	95	91513	31.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.38%	

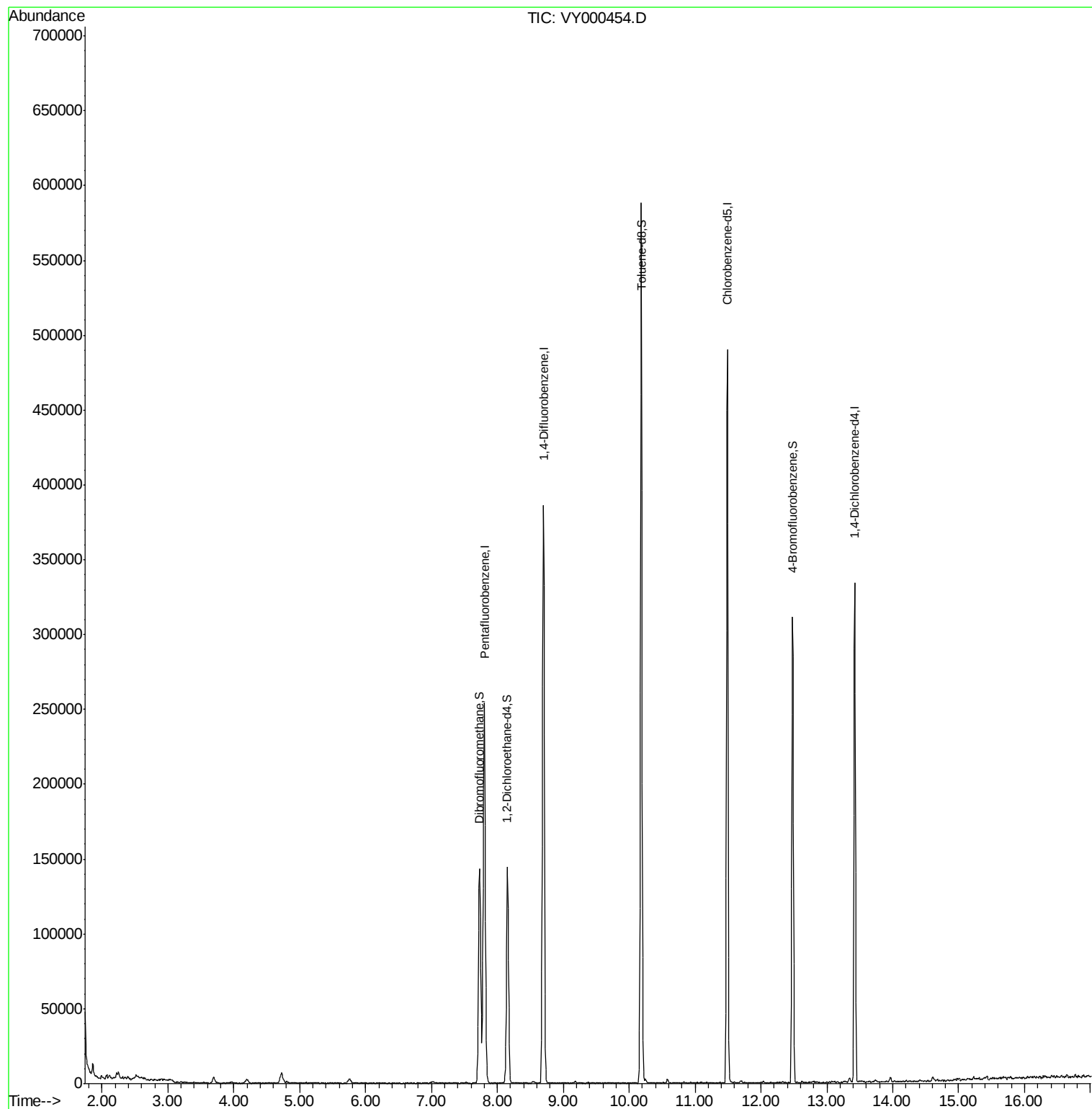
Target Compounds	Qvalue
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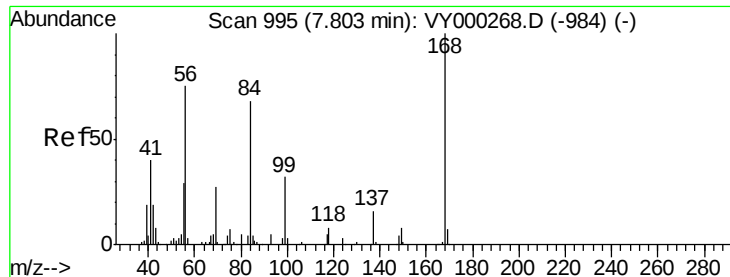
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000454.D

Acq: 28 Oct 2019 15:01

Instrument :

MSVOA_Y

ClientSampleId :

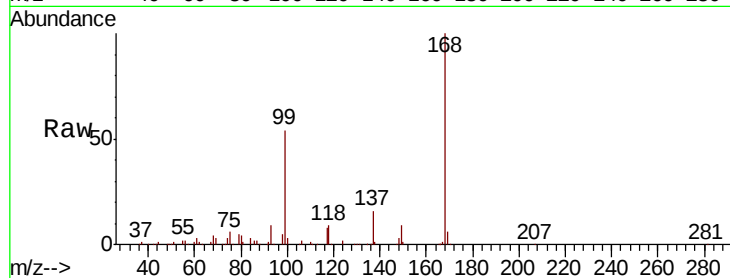
CSA-2-1-2-4

Tot Ion:168 Resp: 200478

Ion Ratio Lower Upper

168 100

99 53.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

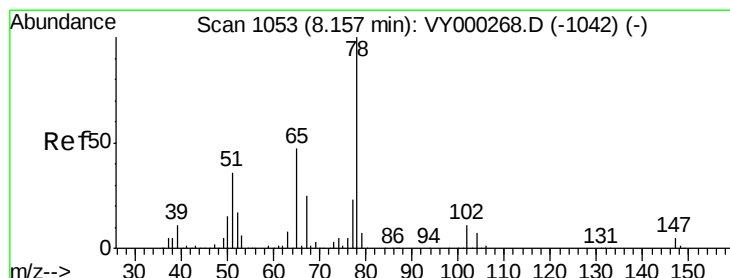
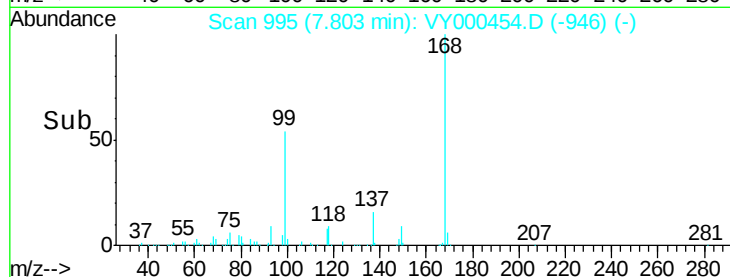
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.861 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000454.D

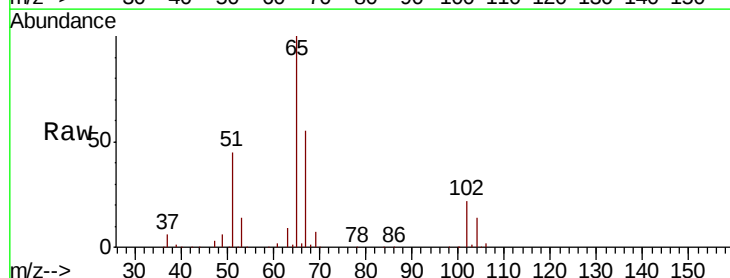
Acq: 28 Oct 2019 15:01

Tgt Ion: 65 Resp: 109673

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

50000

40000

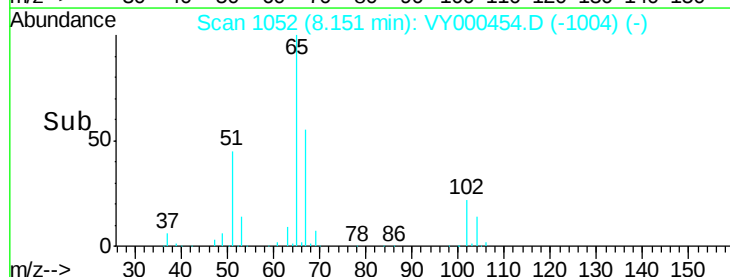
30000

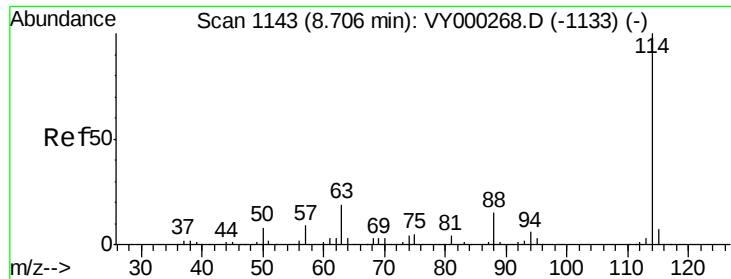
20000

10000

0

Time-->

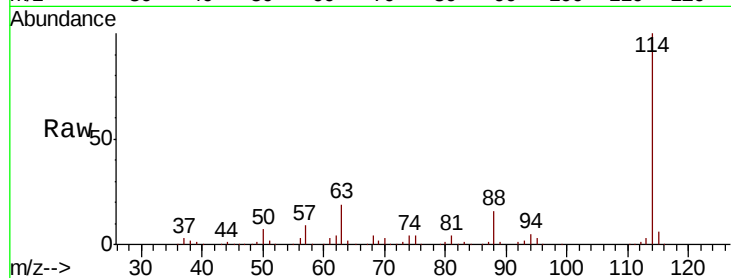




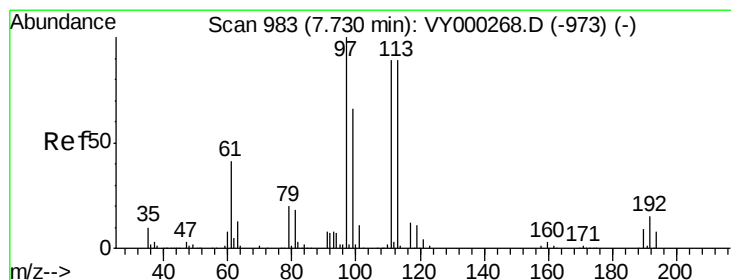
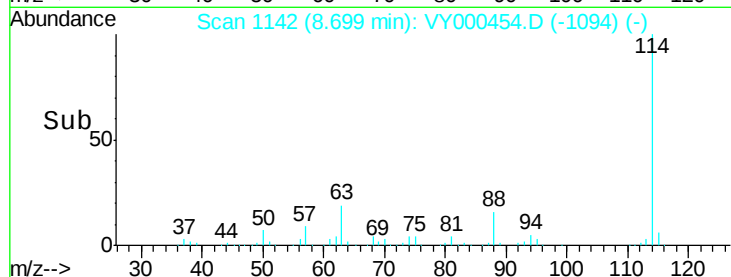
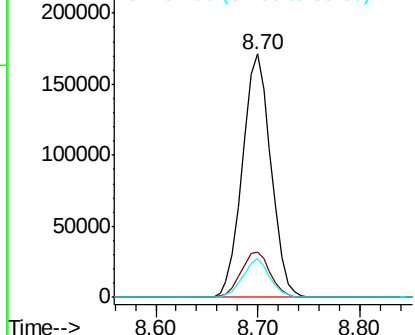
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000454.D
Acq: 28 Oct 2019 15:01

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-1-2-4

Tot Ion:114 Resp: 332802
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.2
88 16.0 0.0 30.2

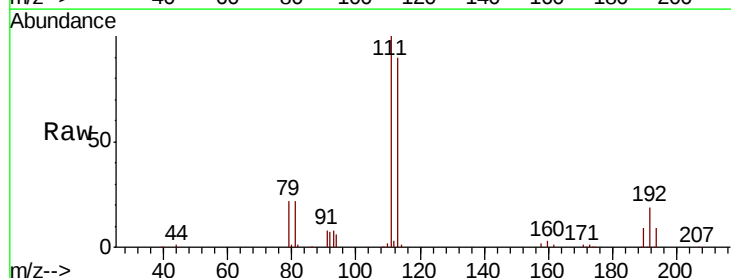


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

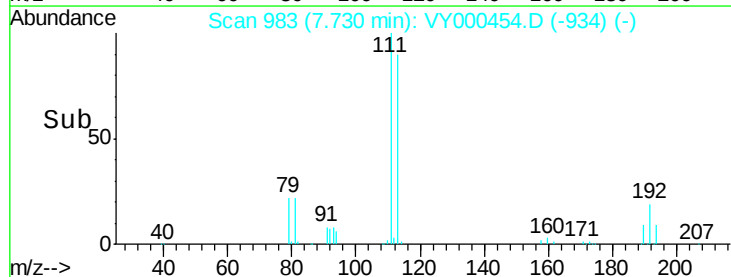
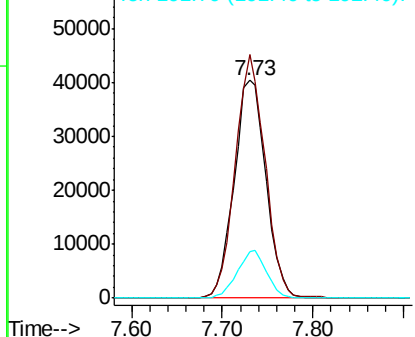


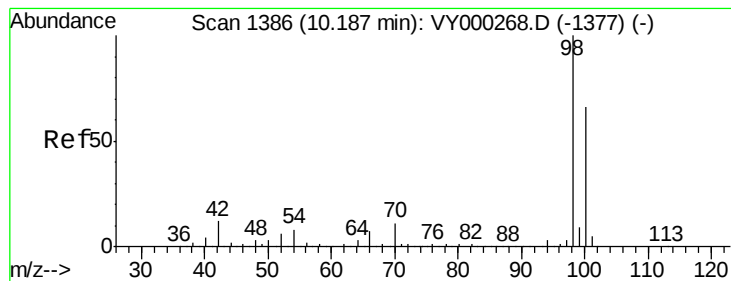
#35
Dibromofluoromethane
Concen: 49.026 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000454.D
Acq: 28 Oct 2019 15:01

Tgt Ion:113 Resp: 98420
Ion Ratio Lower Upper
113 100
111 104.5 81.6 122.4
192 20.2 15.3 22.9



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: 49.122 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000454.D

Acq: 28 Oct 2019 15:01

Instrument :

MSVOA_Y

ClientSampleId :

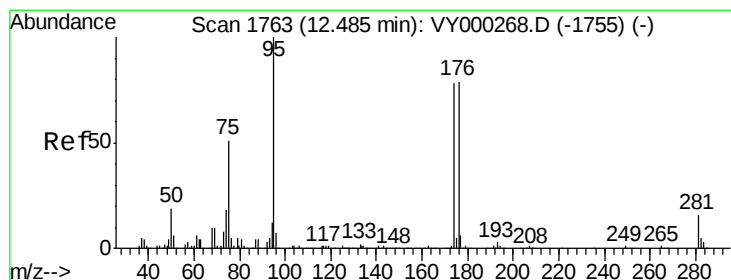
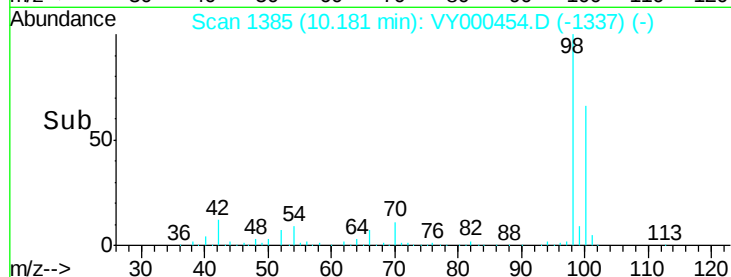
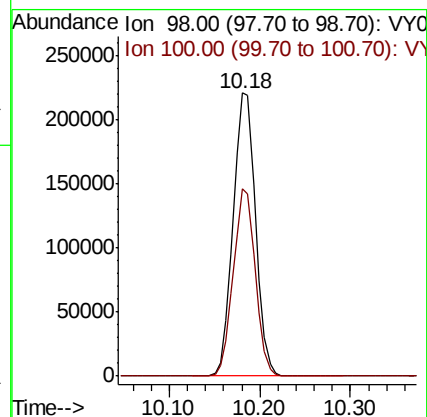
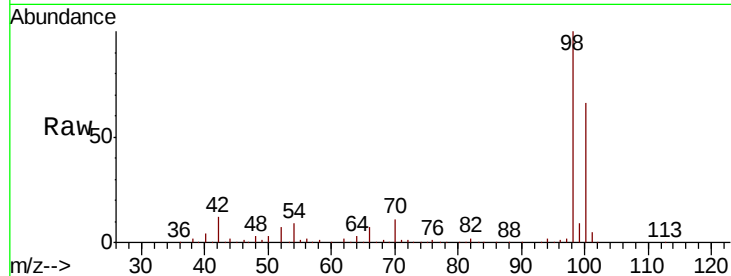
CSA-2-1-2-4

Tot Ion: 98 Resp: 379338

Ion Ratio Lower Upper

98 100

100 64.8 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 31.193 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000454.D

Acq: 28 Oct 2019 15:01

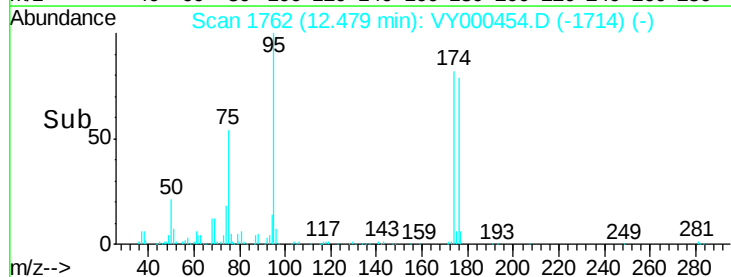
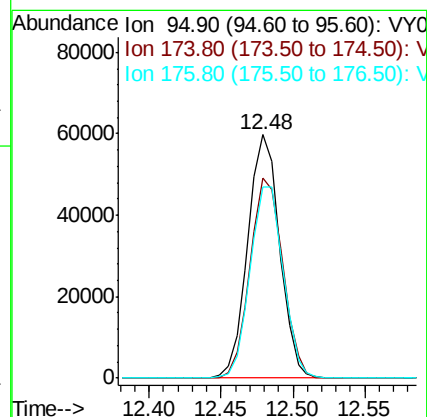
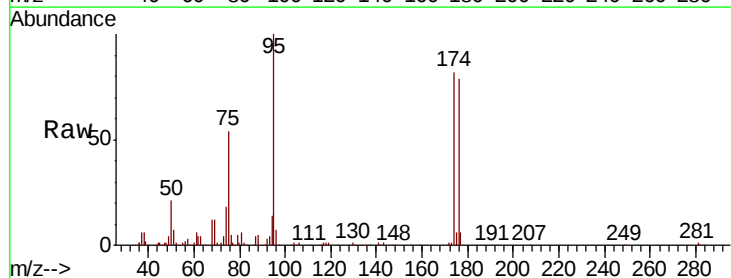
Tgt Ion: 95 Resp: 91513

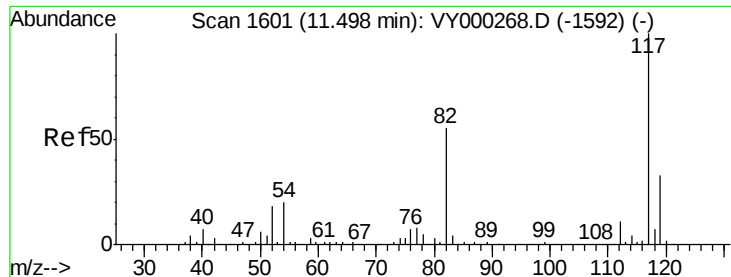
Ion Ratio Lower Upper

95 100

174 84.3 0.0 159.6

176 81.7 0.0 153.8

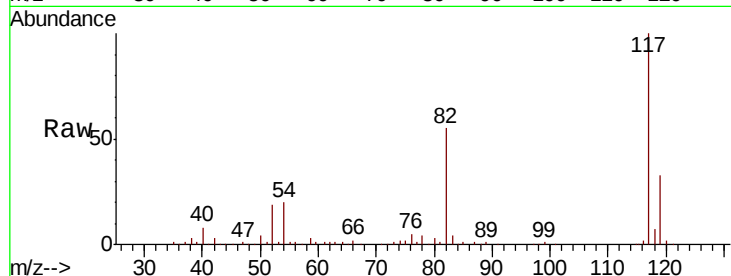




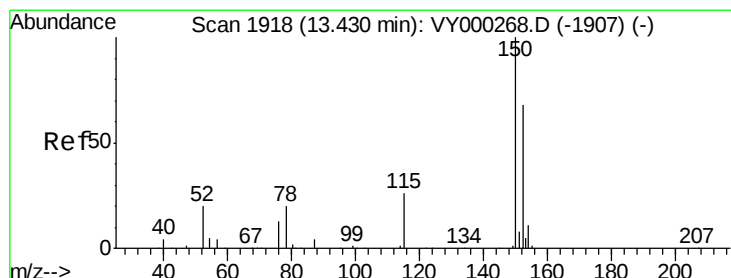
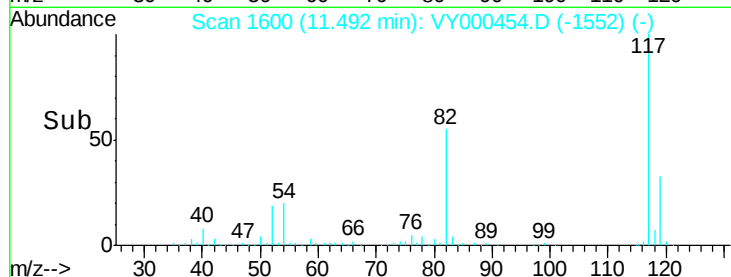
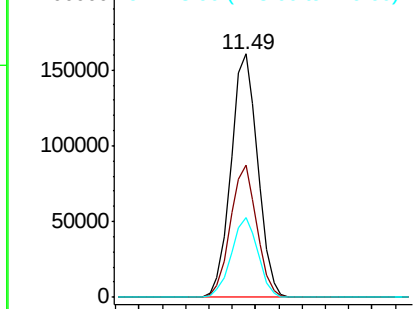
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000454.D
Acq: 28 Oct 2019 15:01

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-1-2-4

Tot Ion:117 Resp: 257475
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.8 26.6 39.8

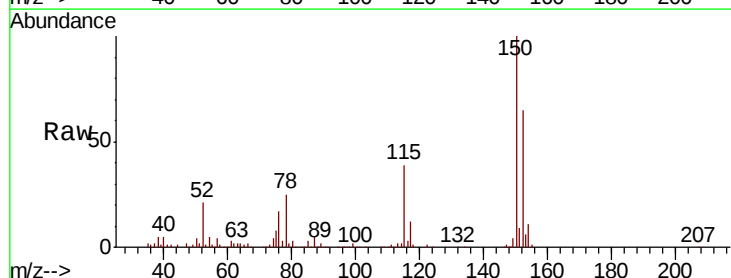


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000454.D
Acq: 28 Oct 2019 15:01

Tgt Ion:152 Resp: 76874
Ion Ratio Lower Upper
152 100
115 60.1 29.3 88.0
150 160.6 0.0 348.4



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

