

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000083.D
 Acq On : 19 Sep 2019 17:29
 Operator : SY/MD
 Sample : K4878-14
 Misc : 6.39g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-9-2

Quant Time: Sep 20 03:44:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	9791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	18268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	11675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	3313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	5093	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
35) Dibromofluoromethane	7.73	113	3639	32.90	ug/l	0.01
Spiked Amount	50.000		Recovery	=	65.80%	
50) Toluene-d8	10.18	98	19847	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	12.48	95	4176	25.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.78%	

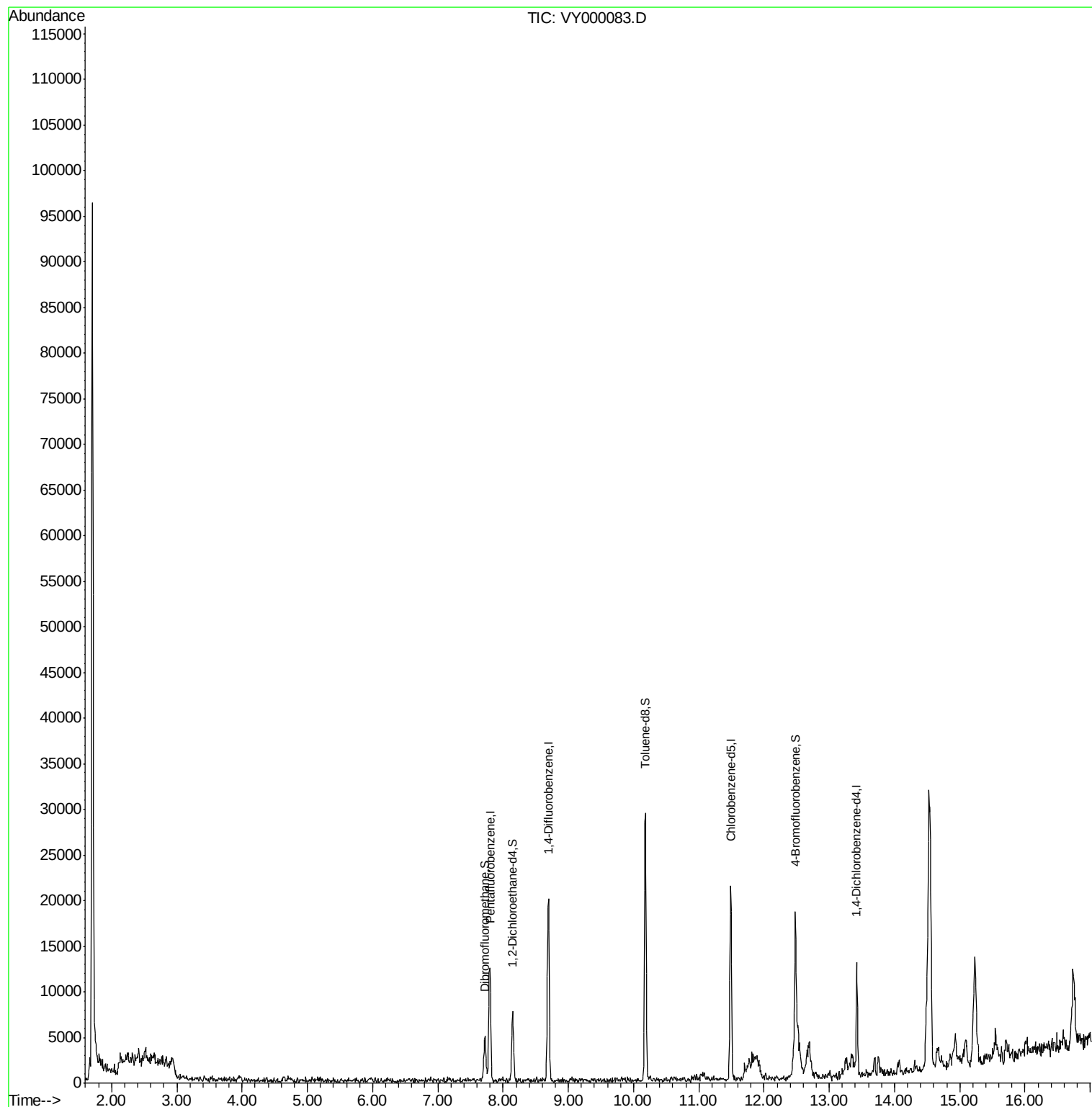
Target Compounds	Qvalue
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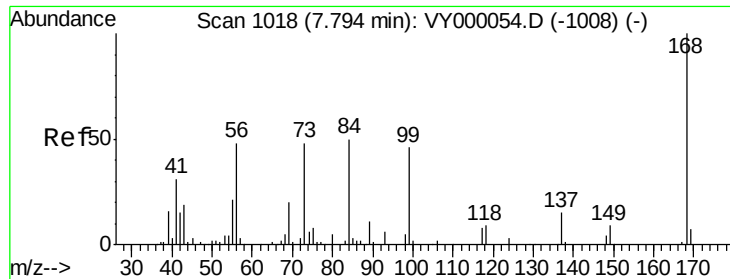
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000083.D

Acq: 19 Sep 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

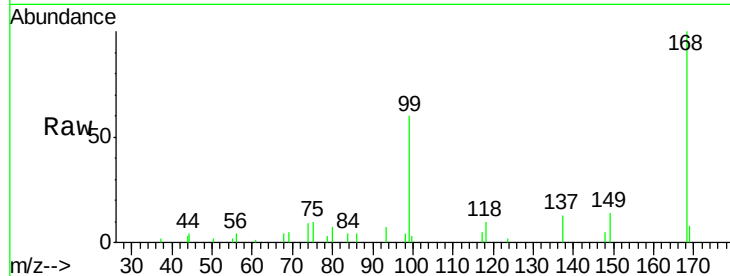
CSA-2-9-2

Tot Ion:168 Resp: 9791

Ion Ratio Lower Upper

168 100

99 60.0 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

4000

3000

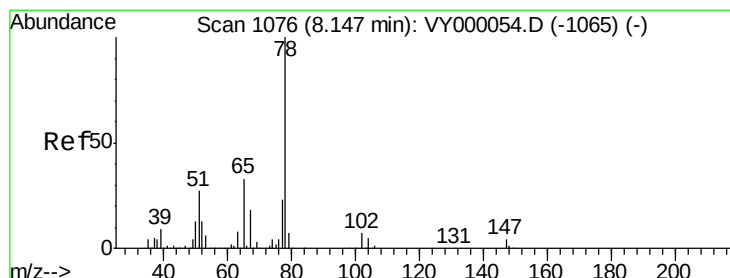
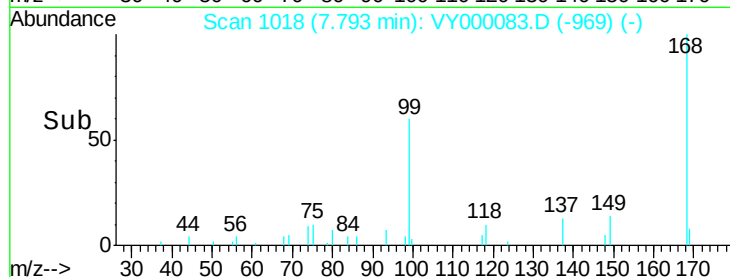
2000

1000

0

Time-->

7.70 7.75 7.80 7.85



#33

1,2-Dichloroethane-d4

Concen: 45.212 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000083.D

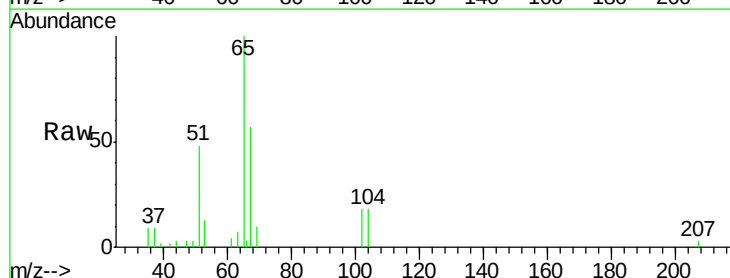
Acq: 19 Sep 2019 17:29

Tgt Ion: 65 Resp: 5093

Ion Ratio Lower Upper

65 100

67 58.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000054.D (-1065) (-)

Ion 66.90 (66.60 to 67.60): VY000054.D (-1065) (-)

8.15

3000

2500

2000

1500

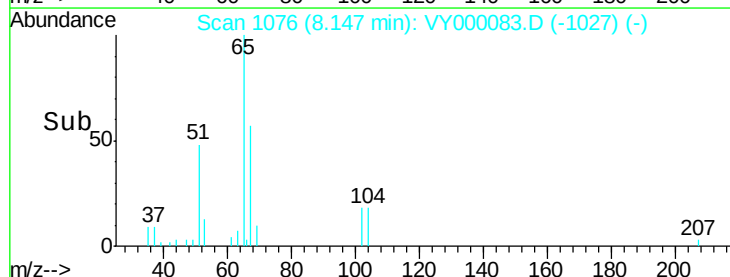
1000

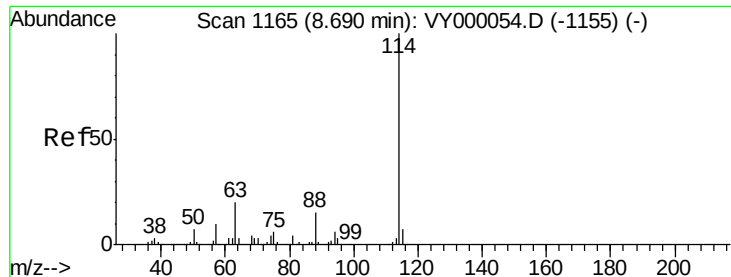
500

0

Time-->

8.05 8.10 8.15 8.20

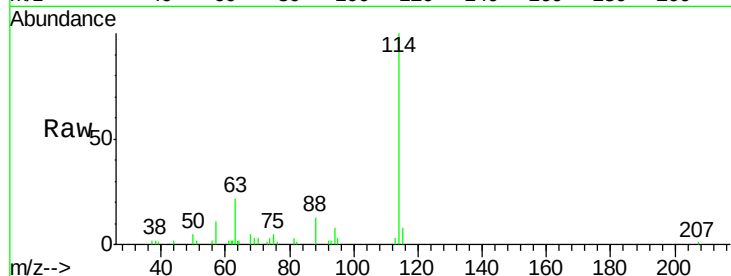




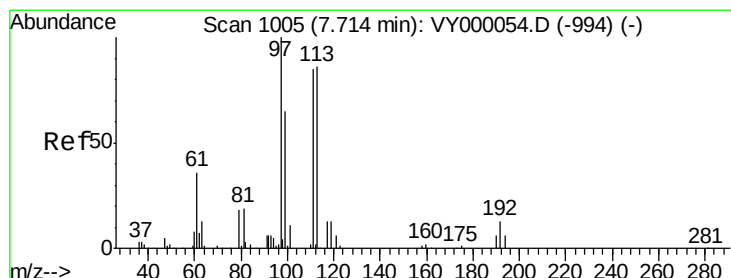
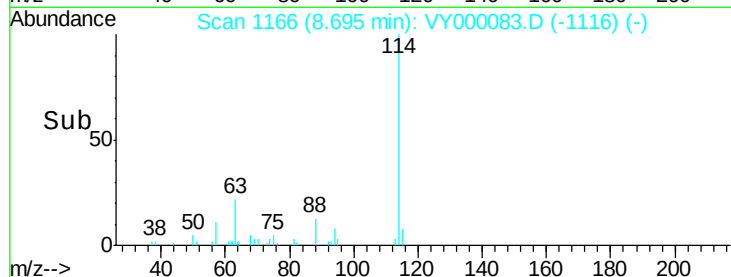
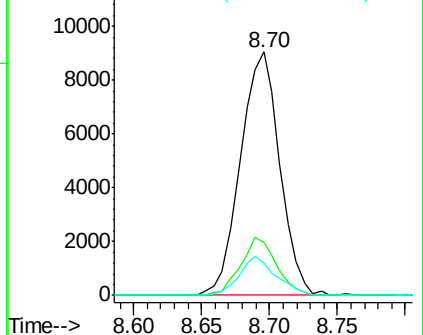
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: VY000083.D
 Acq: 19 Sep 2019 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-9-2

Tot Ion:114 Resp: 18268
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.4
 88 13.1 0.0 30.2

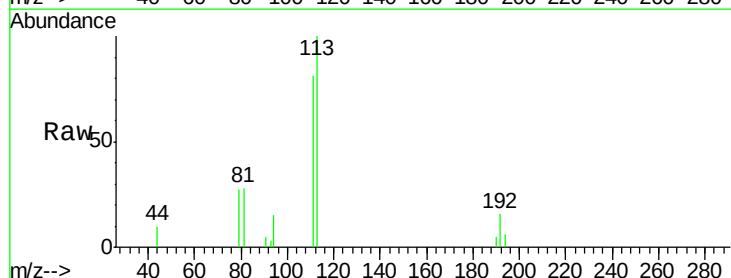


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

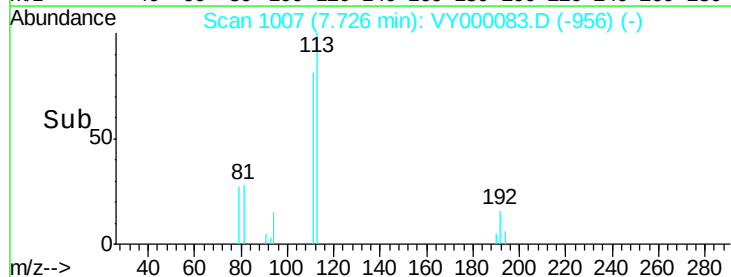
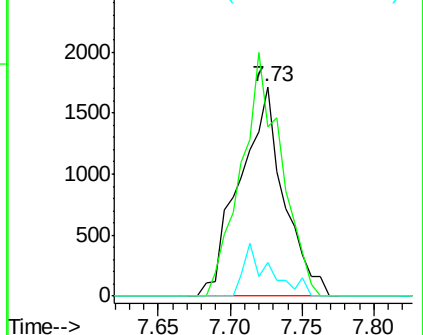


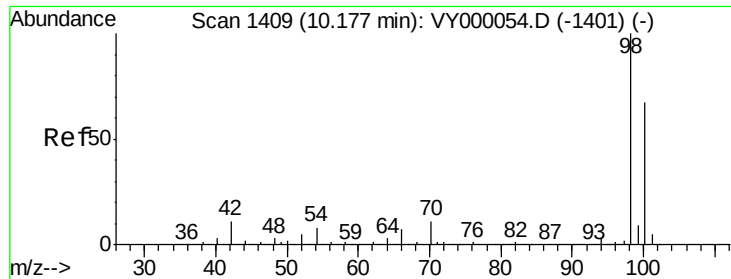
#35
 Dibromofluoromethane
 Concen: 32.900 ug/l
 RT: 7.73 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: VY000083.D
 Acq: 19 Sep 2019 17:29

Tgt Ion:113 Resp: 3639
 Ion Ratio Lower Upper
 113 100
 111 105.9 81.7 122.5
 192 15.2 13.4 20.2



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

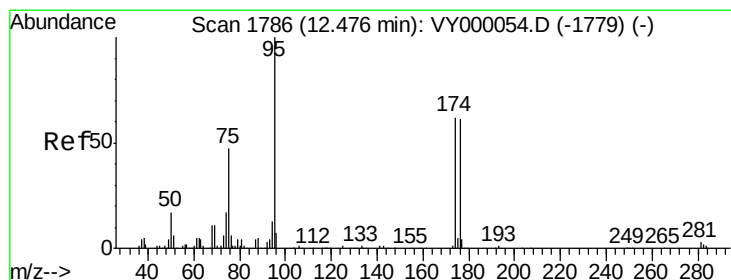
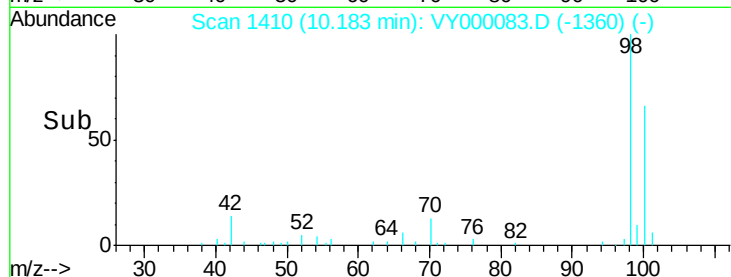
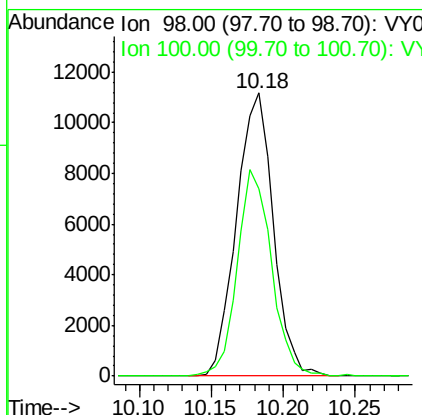
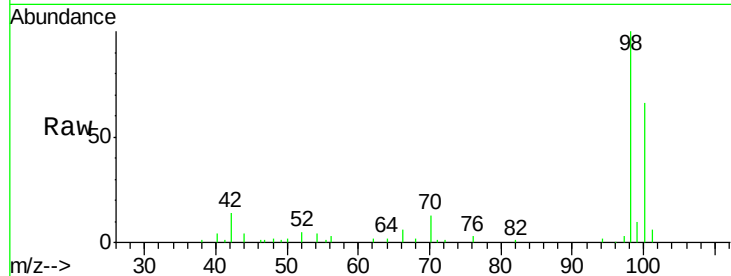




#50
Toluene-d8
Concen: 45.685 ug/l
RT: 10.18 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

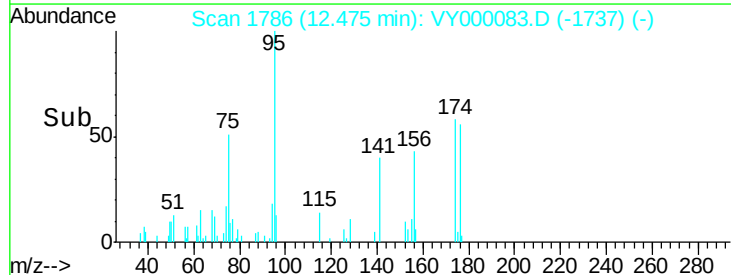
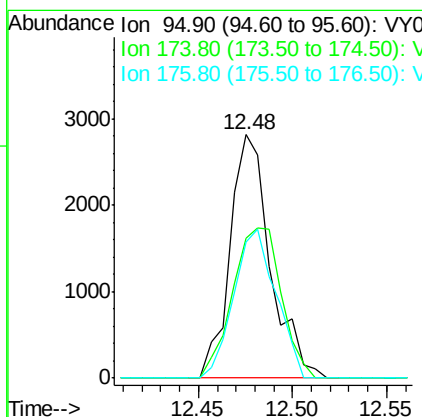
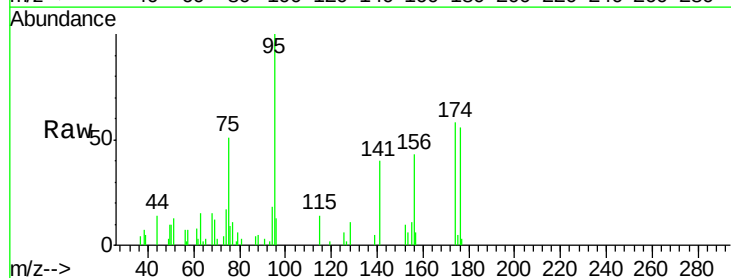
Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

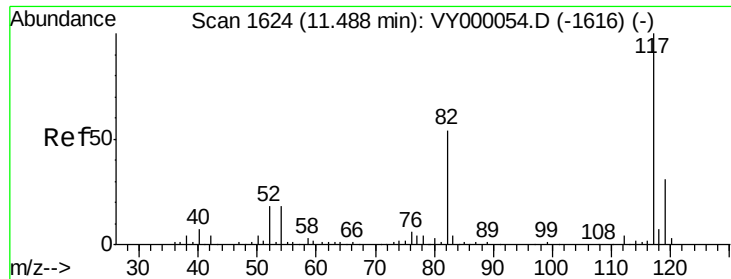
Tot Ion: 98 Resp: 19847
Ion Ratio Lower Upper
98 100
100 67.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 25.891 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 95 Resp: 4176
Ion Ratio Lower Upper
95 100
174 74.6 0.0 137.2
176 63.9 0.0 135.0

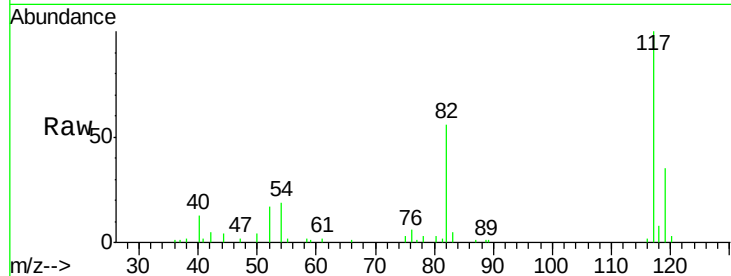




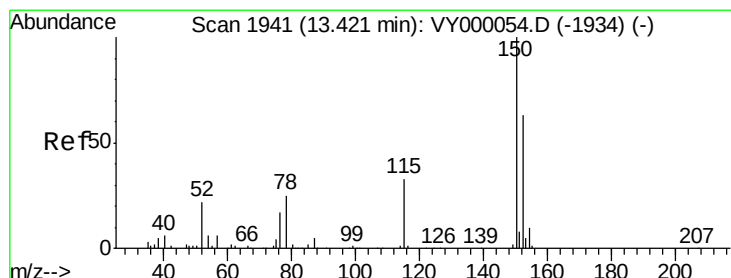
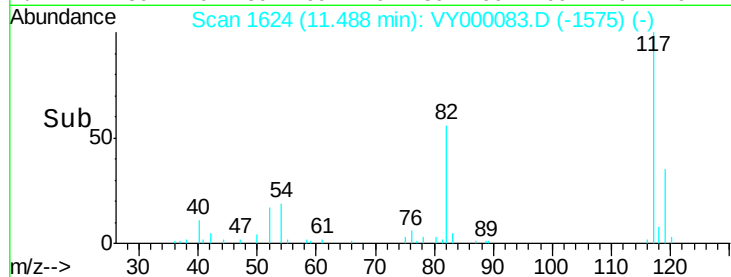
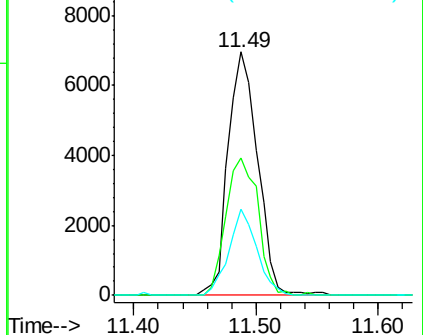
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tot Ion:117 Resp: 11675
Ion Ratio Lower Upper
117 100
82 56.2 43.5 65.3
119 35.2 24.6 36.8

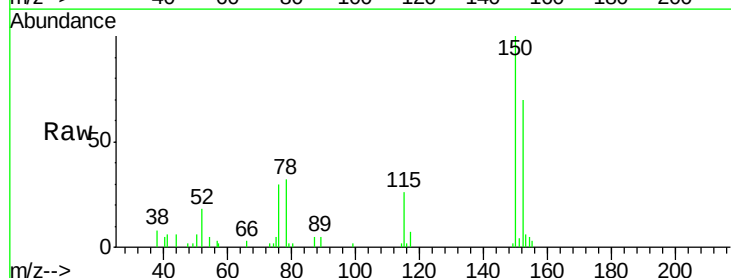


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion:152 Resp: 3313
Ion Ratio Lower Upper
152 100
115 63.8 30.7 92.1
150 145.6 0.0 351.6



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

