

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000844.D
 Acq On : 03 Dec 2019 17:25
 Operator : SY/MD
 Sample : K6120-03
 Misc : 7.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-6

Quant Time: Dec 04 01:29:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

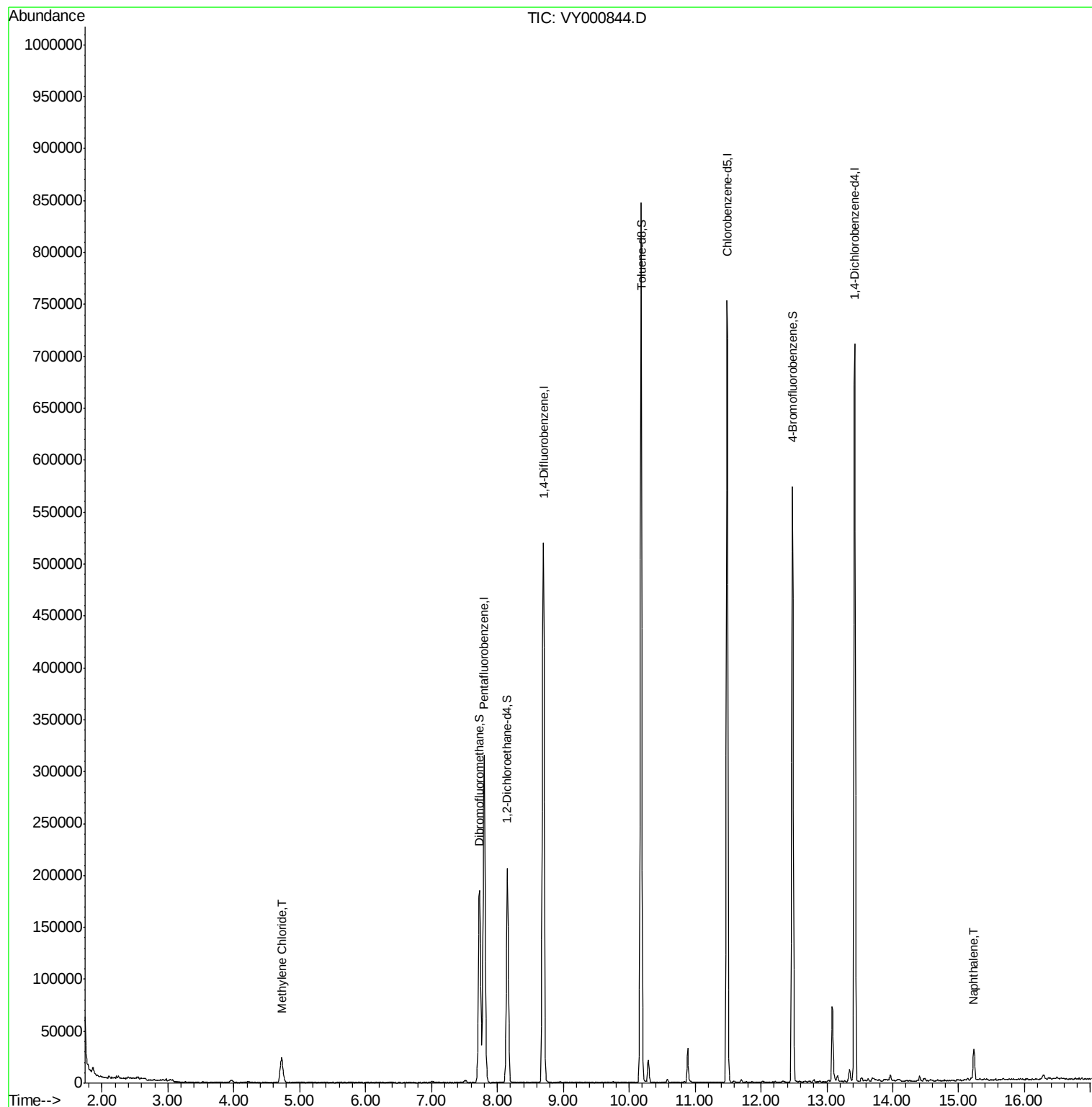
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	236018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	454830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	152001	60.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.22%	
35) Dibromofluoromethane	7.73	113	134415	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.18	98	541479	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	180533	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
Target Compounds						
20) Methylene Chloride	4.72	84	17483	5.765	ug/l #	85
95) Naphthalene	15.23	128	24894	2.957	ug/l	98

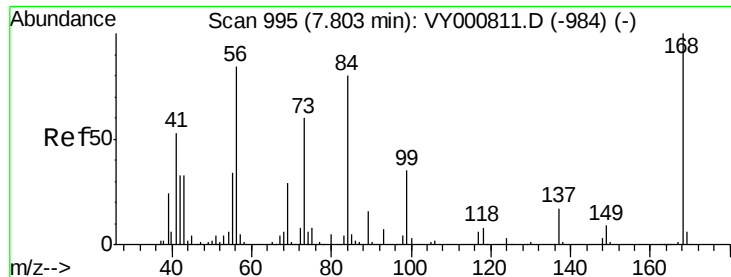
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
Data File : VY000844.D
Acq On : 03 Dec 2019 17:25
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MSVOA_Y
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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

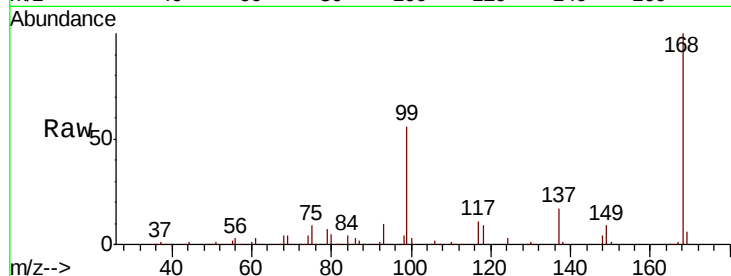
TH-6

Tot Ion:168 Resp: 236018

Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

120000

100000

80000

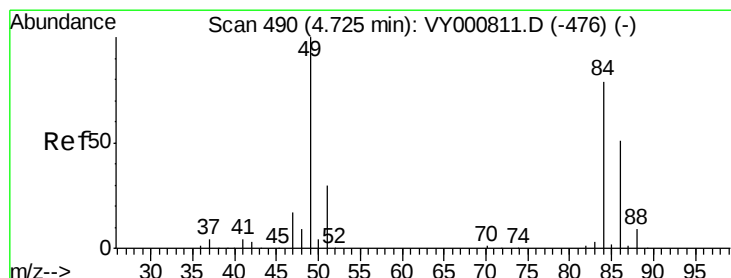
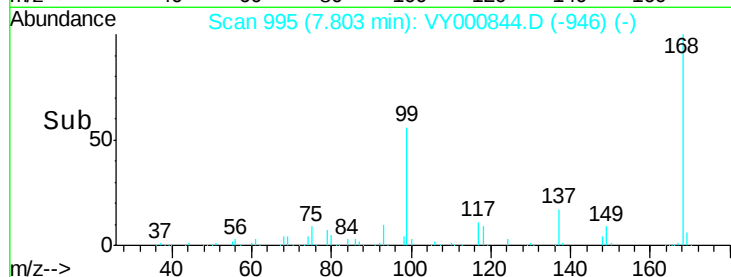
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.765 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

Tgt Ion: 84 Resp: 17483

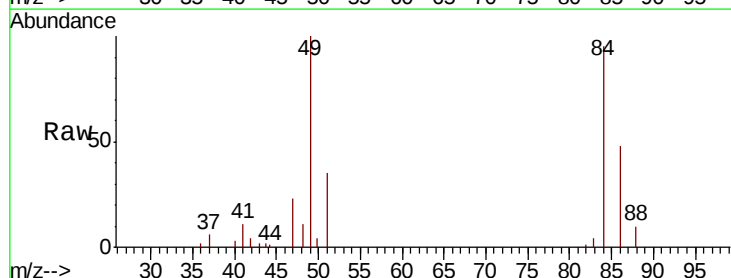
Ion Ratio Lower Upper

84 100

49 105.6 101.3 151.9

51 37.5 30.6 45.8

86 51.2 51.3 76.9#



Abundance Ion 83.90 (83.60 to 84.60): VY000811.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY000811.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY000811.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY000811.D (-476) (-)

4.72

10000

8000

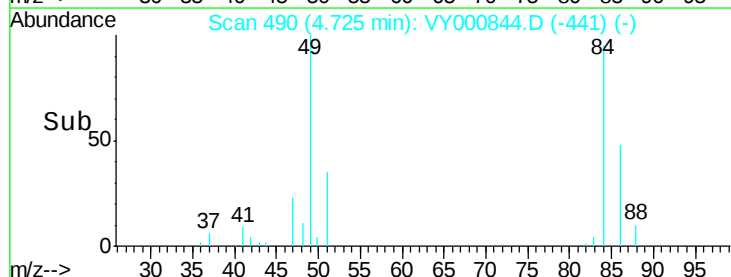
6000

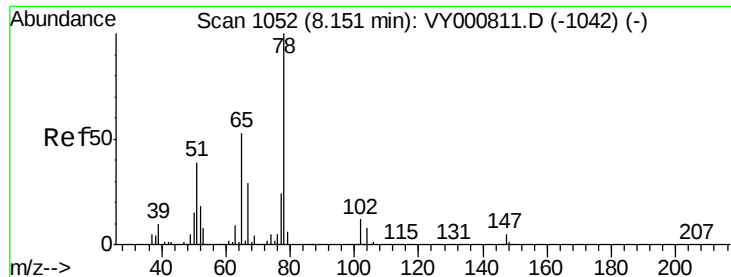
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.609 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

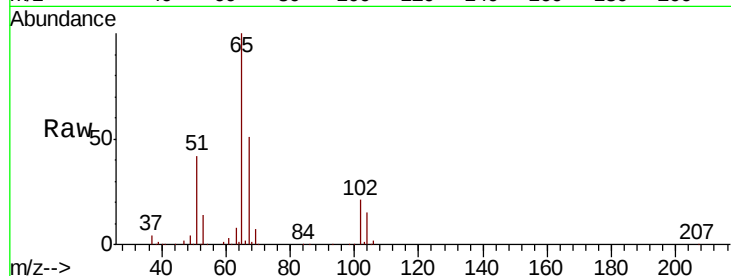
TH-6

Tot Ion: 65 Resp: 152001

Ion Ratio Lower Upper

65 100

67 54.7 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

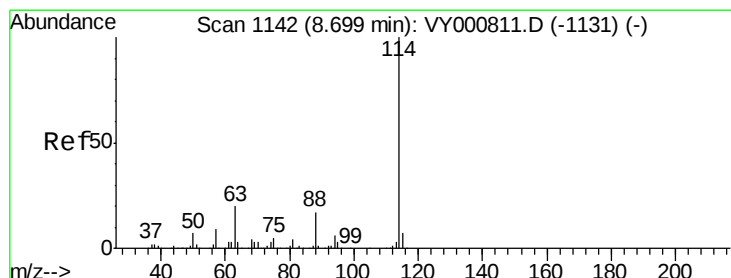
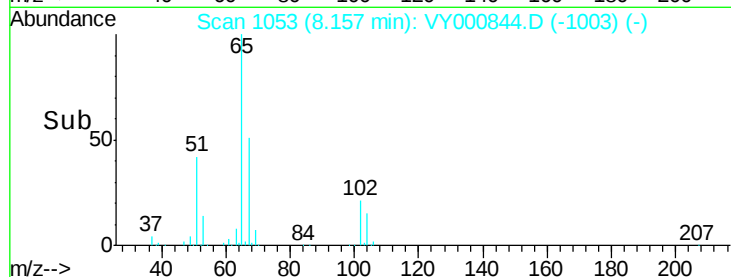
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

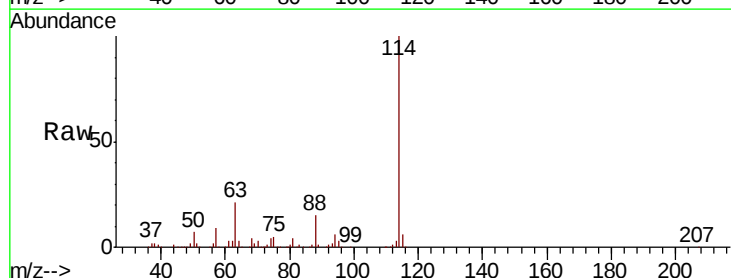
Tgt Ion: 114 Resp: 454830

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

88 15.4 0.0 33.2



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

300000

250000

200000

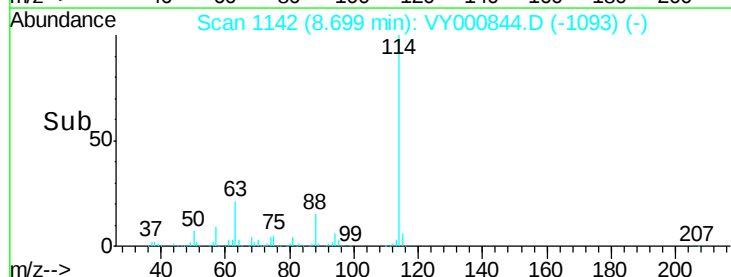
150000

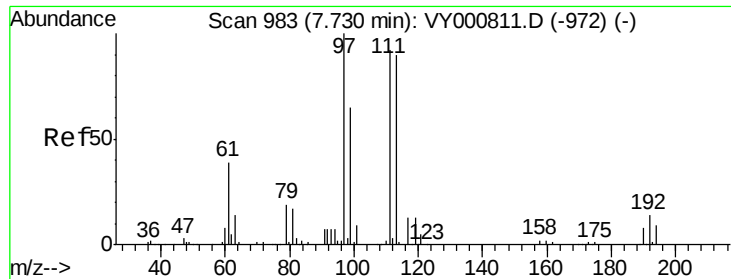
100000

50000

0

Time-->

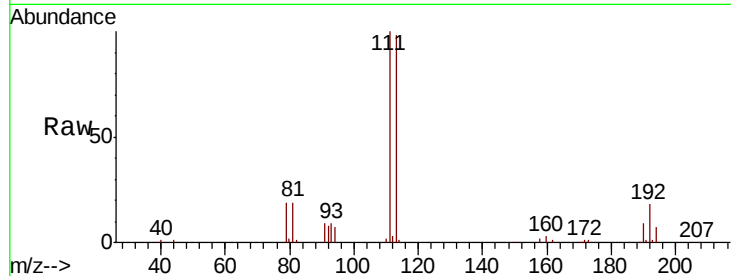




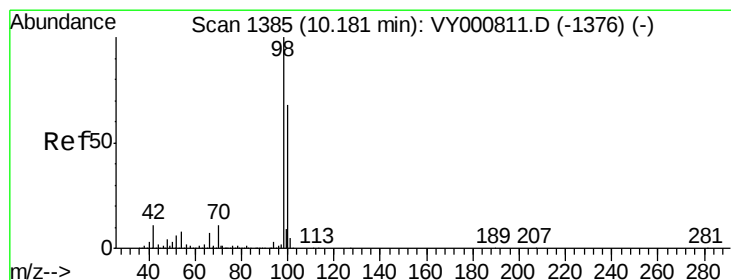
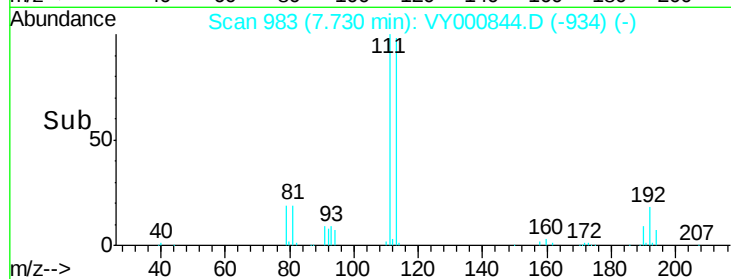
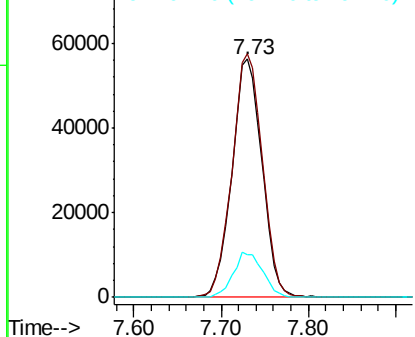
#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
TH-6

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	18.6	14.2	21.2

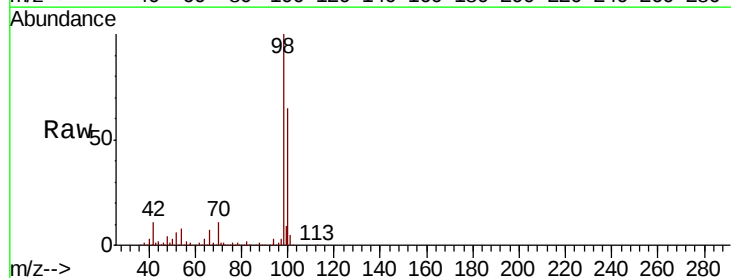


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

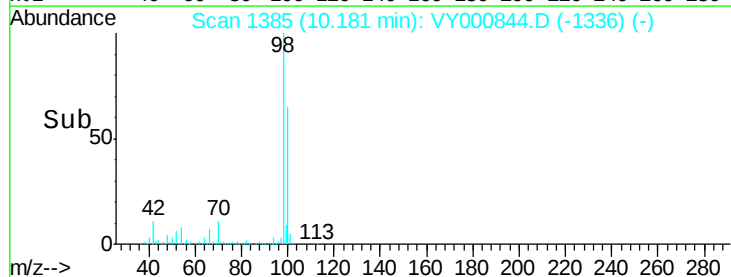
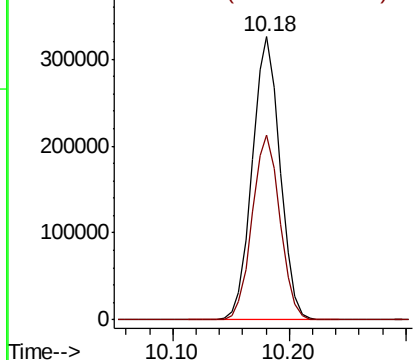


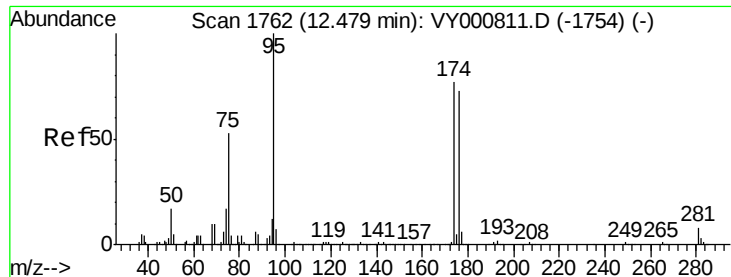
#50
Toluene-d8
Concen: 51.095 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

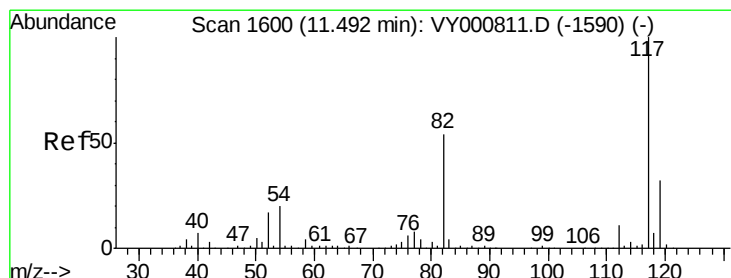
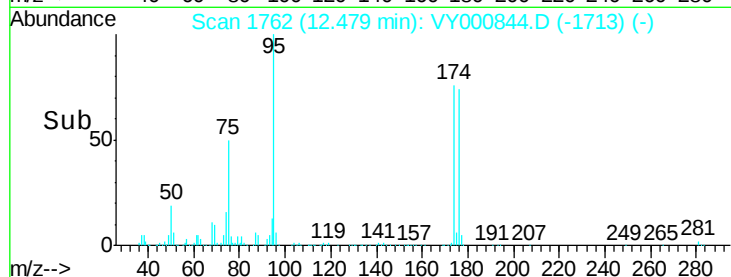
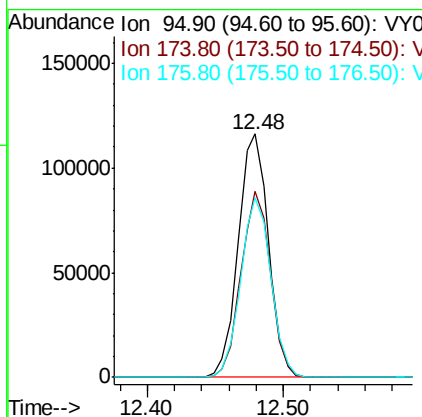
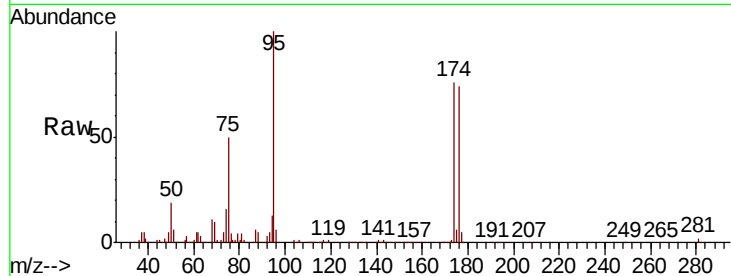




#62
4-Bromofluorobenzene
Concen: 45.361 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

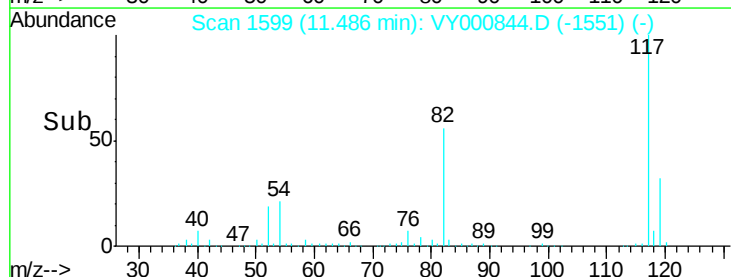
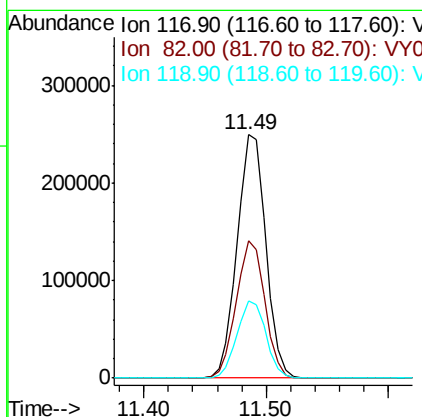
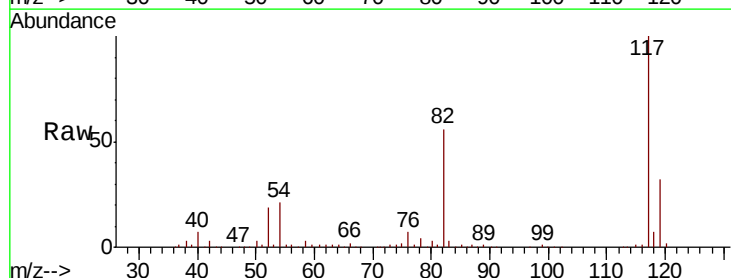
Instrument :
MSVOA_Y
ClientSampled :
TH-6

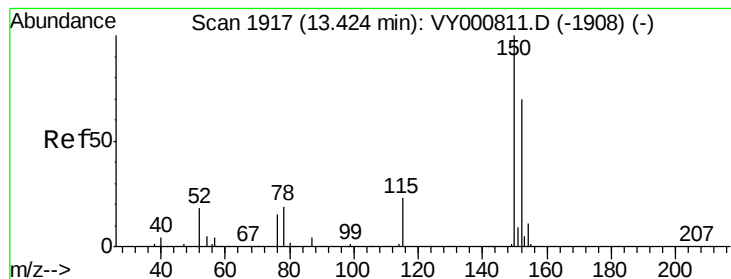
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	150.6
176	73.5	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.1	64.7
119	31.7	25.3	37.9



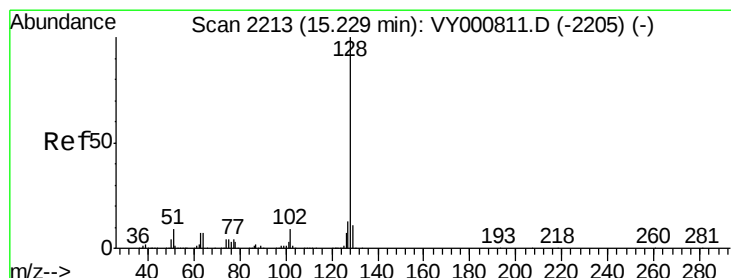
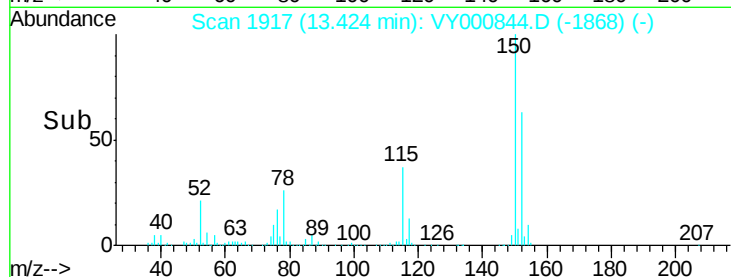
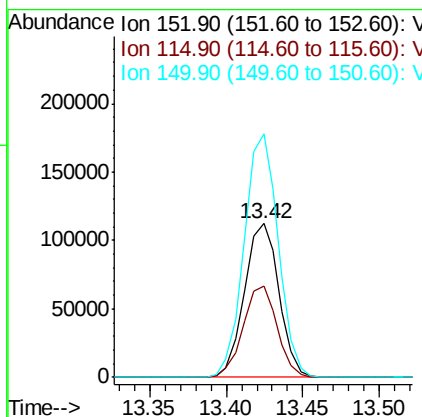
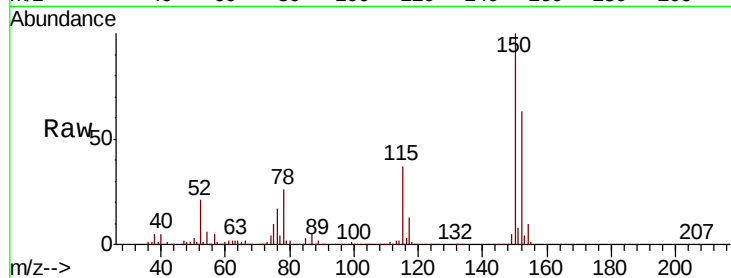


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampled :
TH-6

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	87.8
150	156.0	0.0	351.2



#95

Naphthalene
Concen: 2.957 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.1	15.1
129	10.8	8.8	13.2

