

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
 Data File : VY000979.D
 Acq On : 17 Dec 2019 15:27
 Operator : SY/MD
 Sample : K6350-01
 Misc : 6.1G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-1-3

Quant Time: Dec 18 06:24:24 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

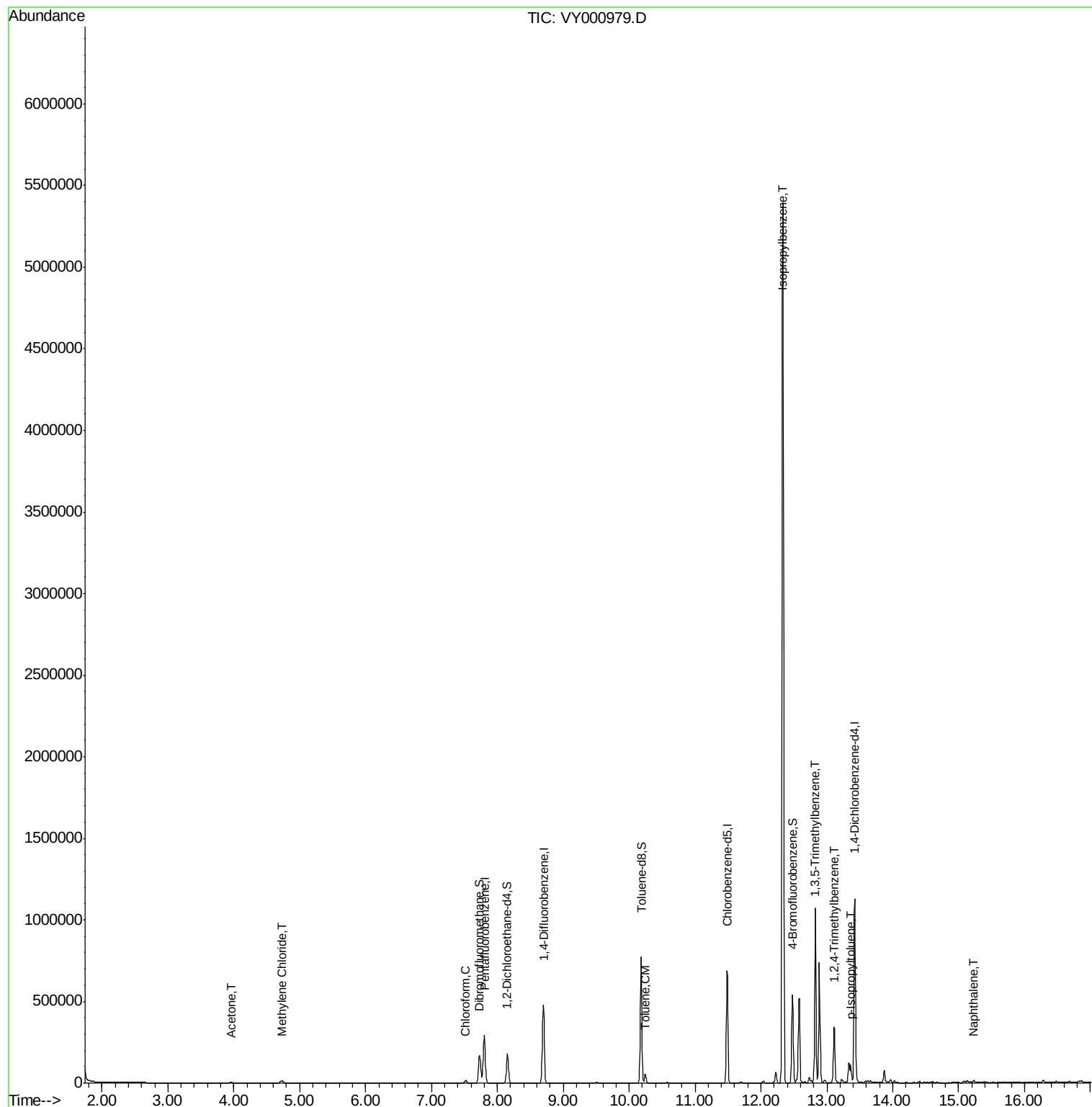
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	416602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132622	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	7.73	113	121831	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.18	98	495531	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.48	95	164615	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
Target Compounds						
16) Acetone	3.96	43	9092	16.629	ug/l	98
20) Methylene Chloride	4.74	84	10967	3.805	ug/l	94
30) Chloroform	7.52	83	13040	2.721	ug/l	94
52) Toluene	10.24	92	23601	3.159	ug/l	90
73) Isopropylbenzene	12.33	105	208547	15.699	ug/l #	58
80) 1,3,5-Trimethylbenzene	12.81	105	18028	1.639	ug/l	82
84) 1,2,4-Trimethylbenzene	13.11	105	25880	2.352	ug/l	93
86) p-Isopropyltoluene	13.36	119	61724	5.277	ug/l	99
95) Naphthalene	15.23	128	10711	1.342	ug/l	98

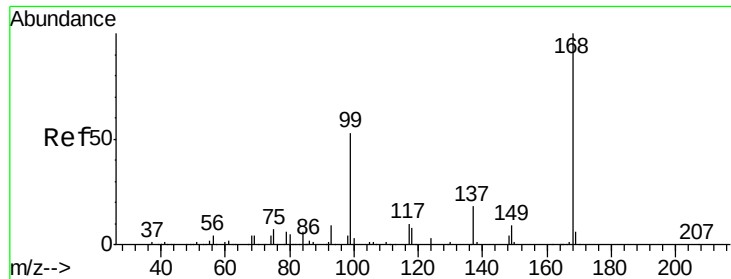
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
Data File : VY000979.D
Acq On : 17 Dec 2019 15:27
Operator : SY/MD
Sample : K6350-01
Misc : 6.1G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-1-3

Quant Time: Dec 18 06:24:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
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: VY000979.D

Acq: 17 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

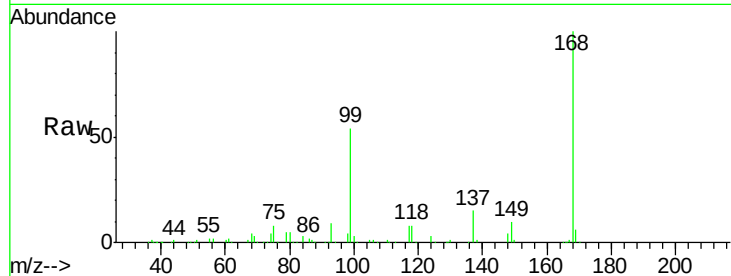
RO-1-3

Tot Ion:168 Resp: 224300

Ion Ratio Lower Upper

168 100

99 54.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000979.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000979.D (-946) (-)

7.80

100000

80000

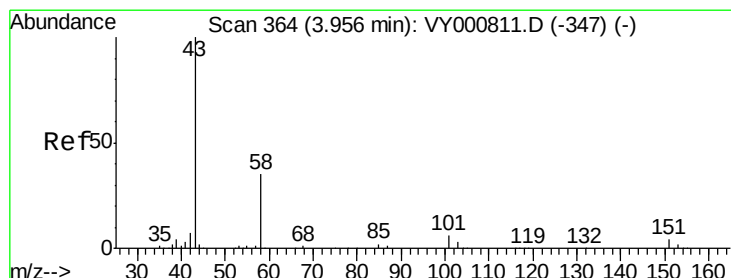
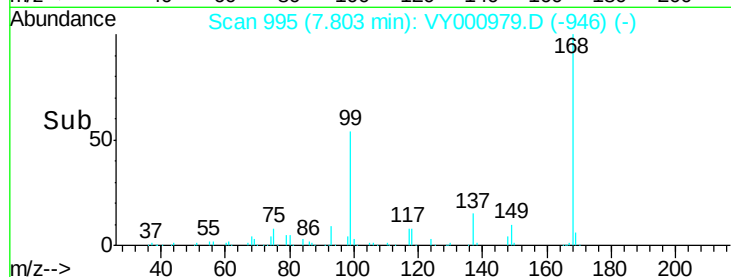
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 16.629 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000979.D

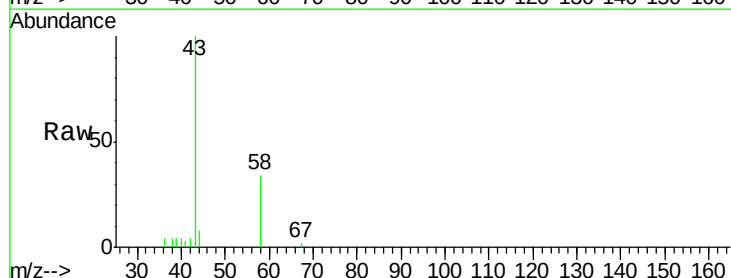
Acq: 17 Dec 2019 15:27

Tgt Ion: 43 Resp: 9092

Ion Ratio Lower Upper

43 100

58 33.6 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000979.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000979.D (-315) (-)

3.96

4000

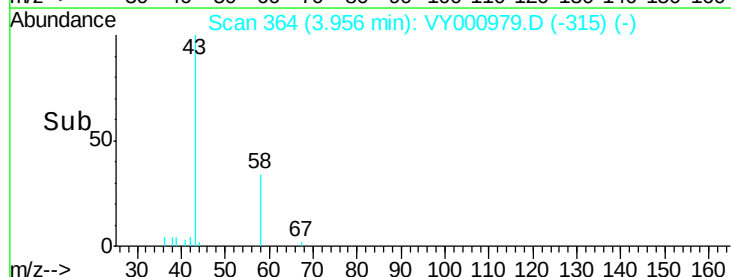
3000

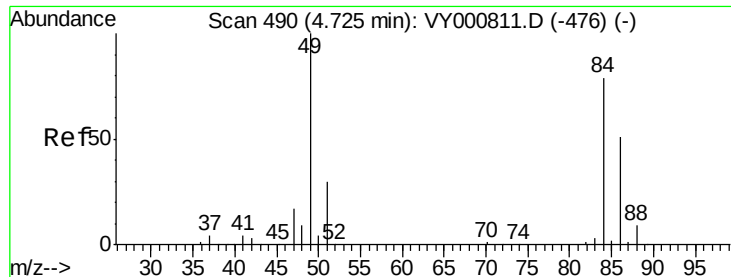
2000

1000

0

Time--> 3.85 3.90 3.95 4.00 4.05

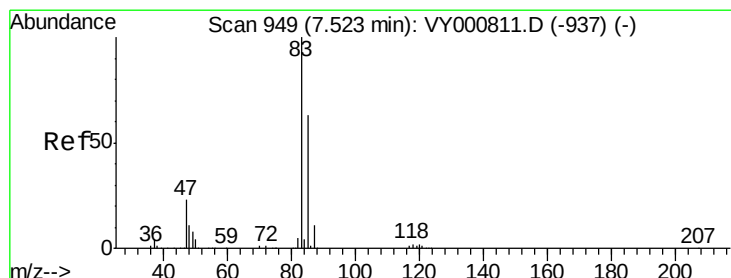
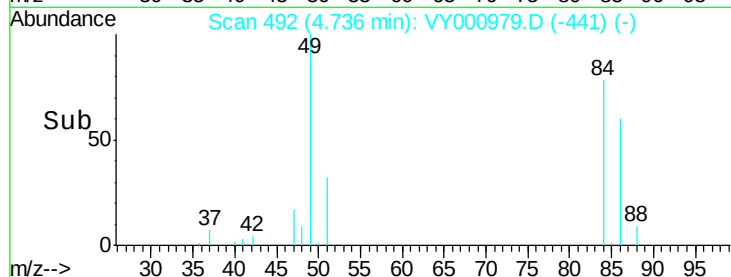
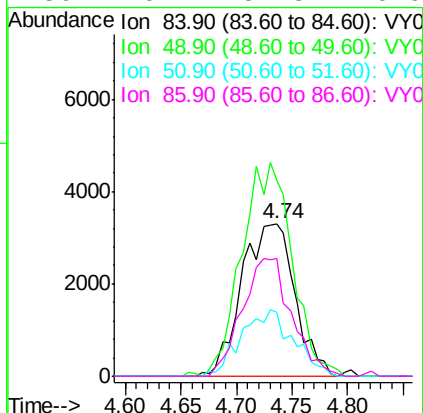
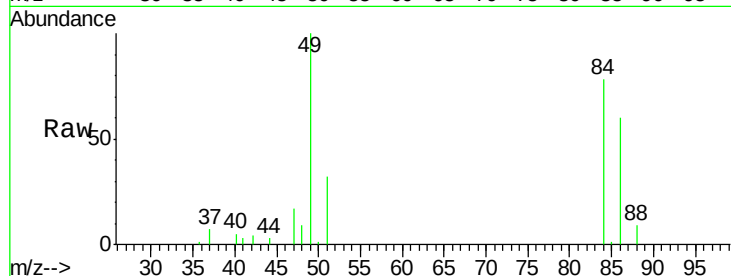




#20
Methylene Chloride
Concen: 3.805 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.01 min
Lab File: VY000979.D
Acq: 17 Dec 2019 15:27

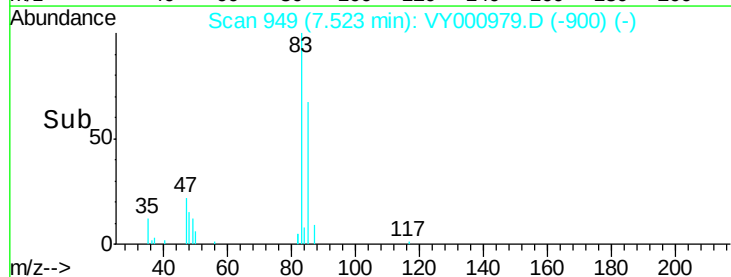
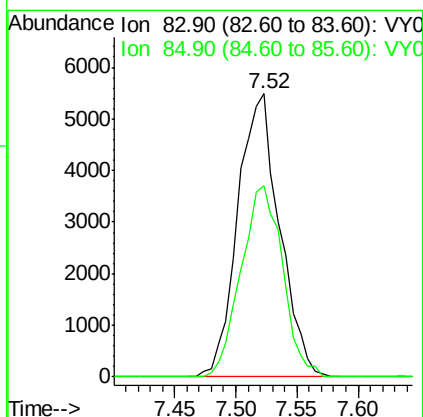
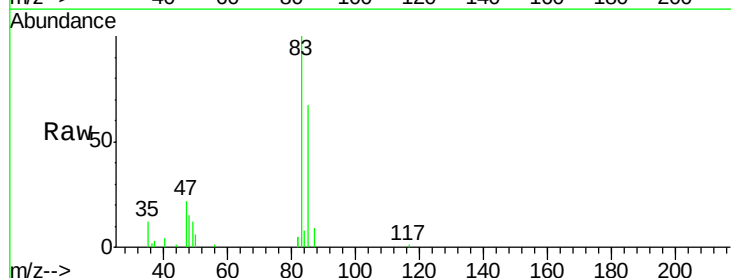
Instrument :
MSVOA_Y
ClientSampled :
RO-1-3

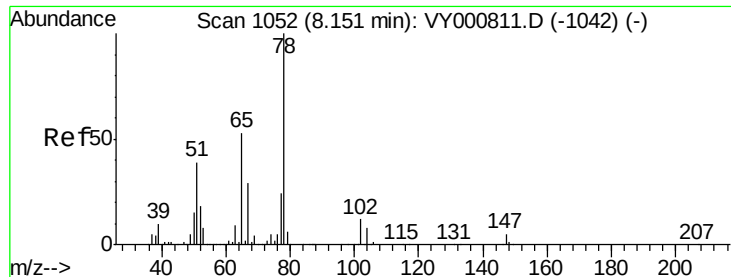
Tot Ion:	84	Resp:	10967
Ion	Ratio	Lower	Upper
84	100		
49	126.1	101.3	151.9
51	41.5	30.6	45.8
86	76.7	51.3	76.9



#30
Chloroform
Concen: 2.721 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000979.D
Acq: 17 Dec 2019 15:27

Tgt Ion:	83	Resp:	13040
Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.4	75.6

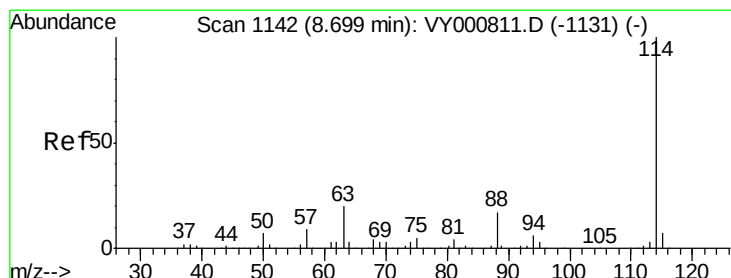
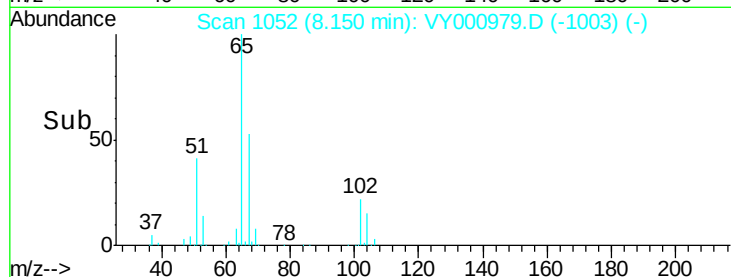
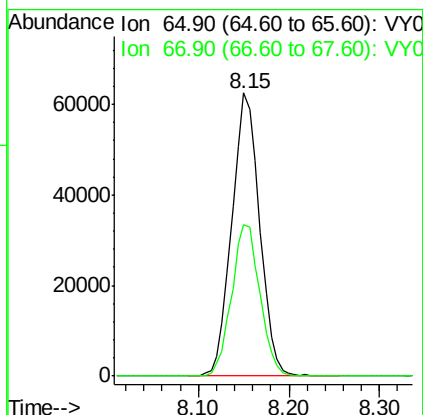
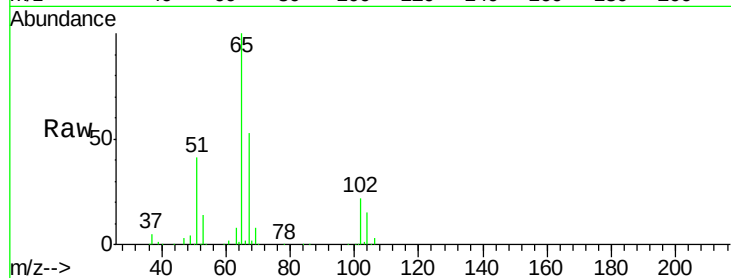




#33
 1,2-Dichloroethane-d4
 Concen: 55.645 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000979.D
 Acq: 17 Dec 2019 15:27

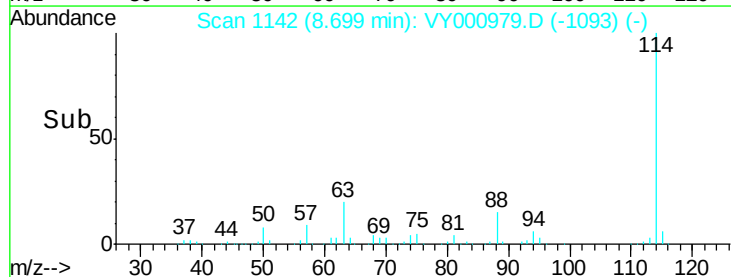
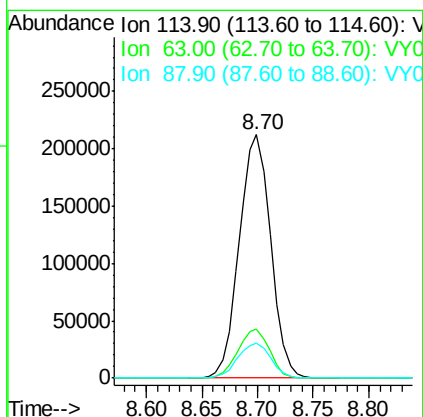
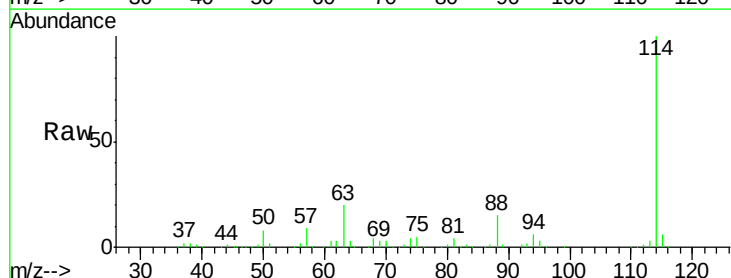
Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-1-3

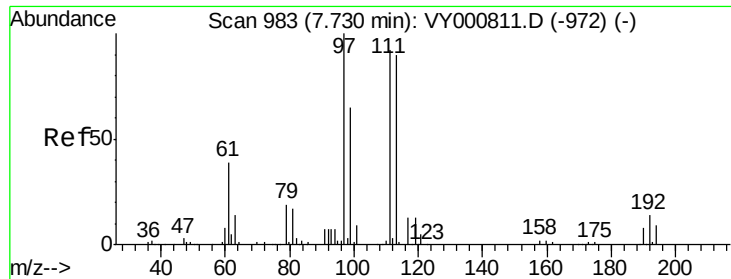
Tot Ion: 65 Resp: 132622
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000979.D
 Acq: 17 Dec 2019 15:27

Tgt Ion: 114 Resp: 416602
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 14.6 0.0 33.2

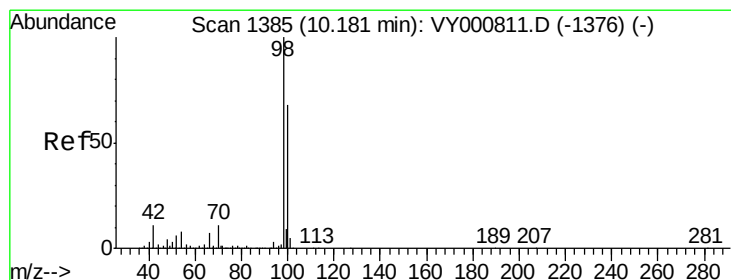
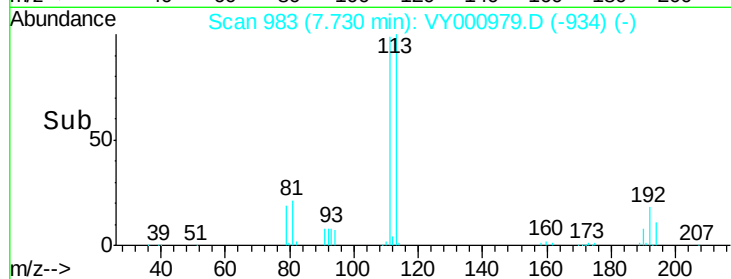
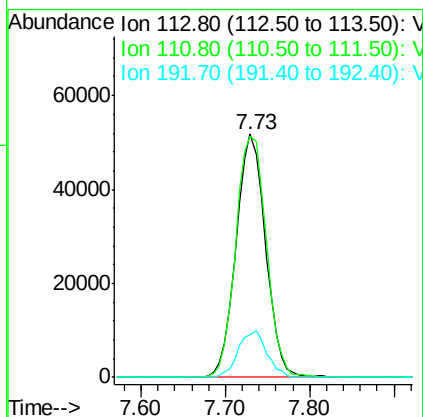
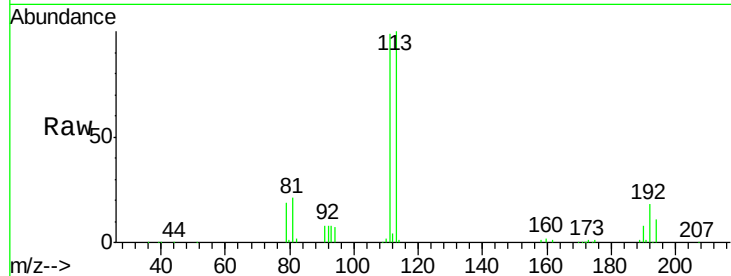




#35
Dibromofluoromethane
Concen: 50.178 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000979.D
Acq: 17 Dec 2019 15:27

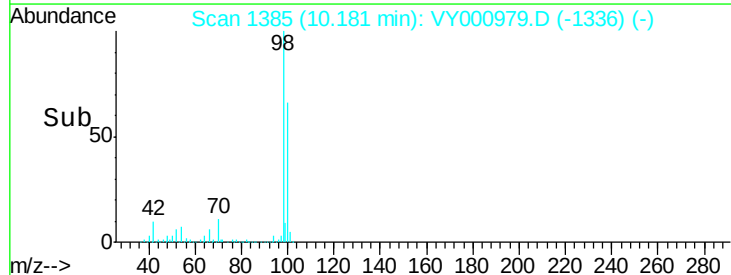
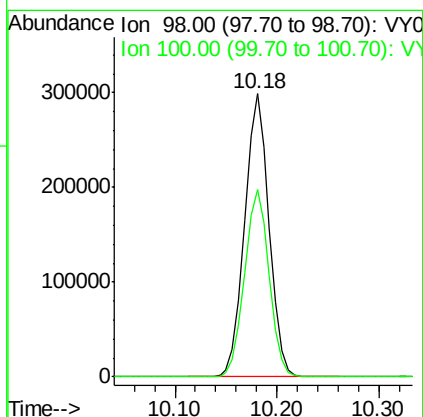
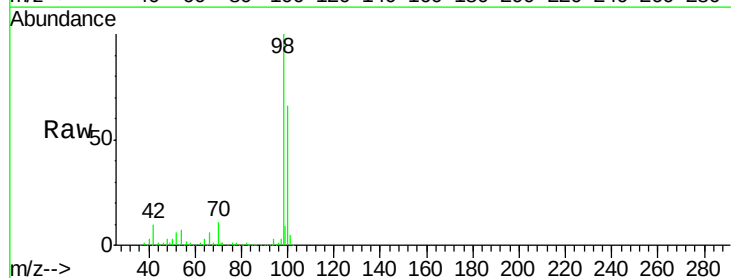
Instrument :
MSVOA_Y
ClientSampleId :
RO-1-3

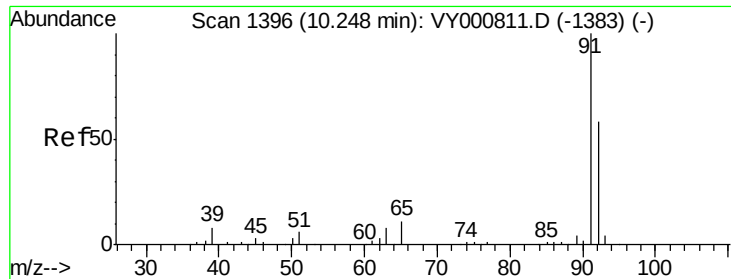
Tot Ion:113 Resp: 121831
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 18.4 14.2 21.2



#50
Toluene-d8
Concen: 51.050 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000979.D
Acq: 17 Dec 2019 15:27

Tgt Ion: 98 Resp: 495531
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#52

Toluene

Concen: 3.159 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000979.D

Acq: 17 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

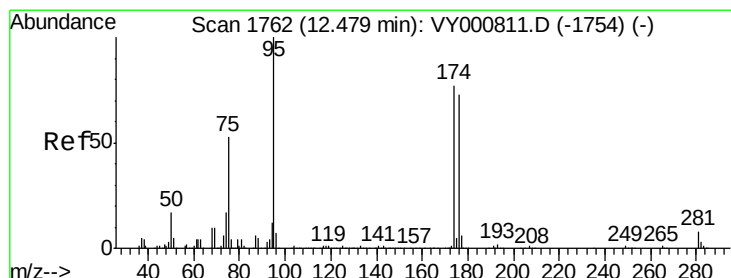
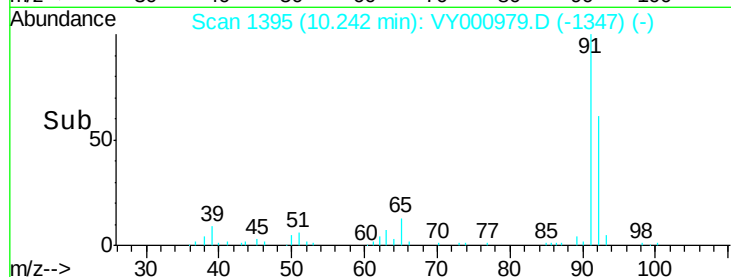
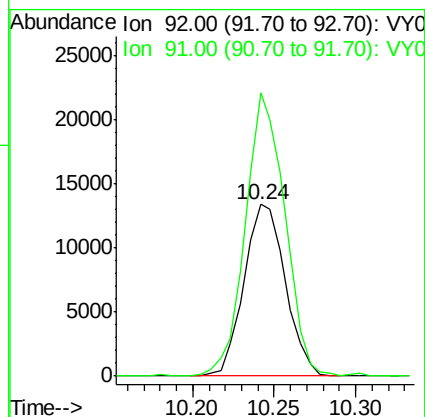
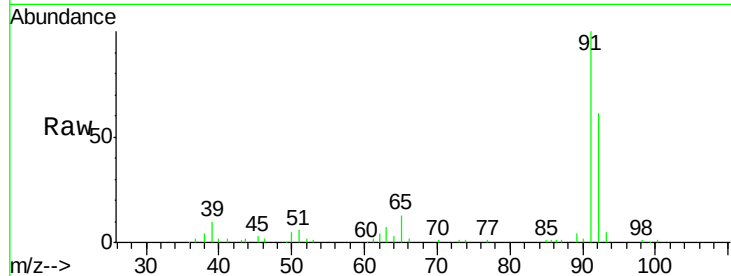
RO-1-3

Tot Ion: 92 Resp: 23601

Ion Ratio Lower Upper

92 100

91 157.7 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 45.157 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000979.D

Acq: 17 Dec 2019 15:27

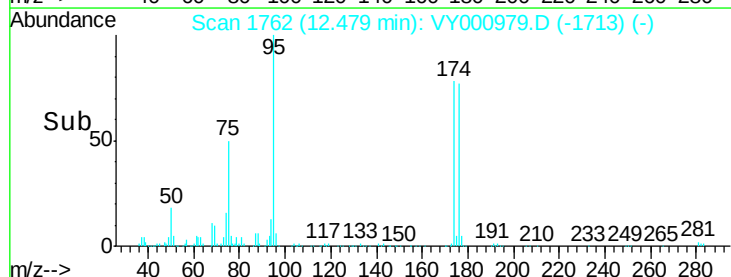
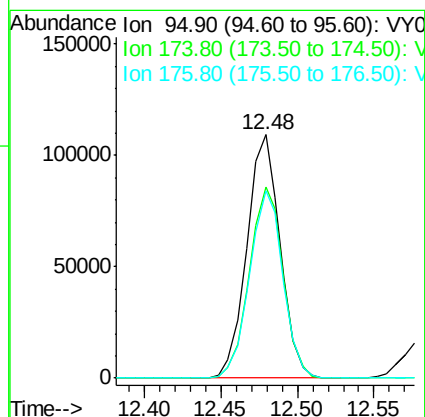
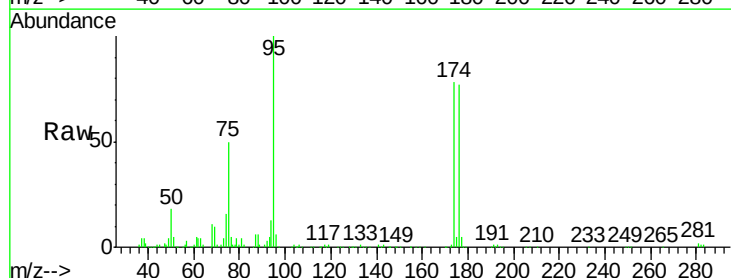
Tgt Ion: 95 Resp: 164615

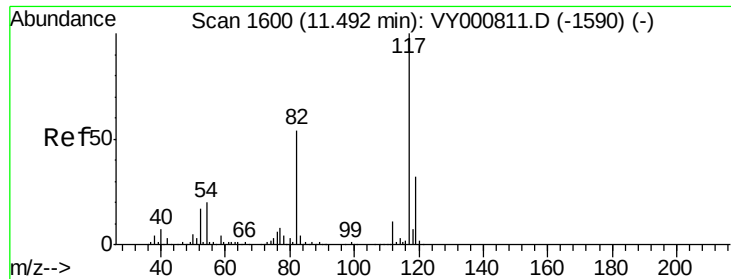
Ion Ratio Lower Upper

95 100

174 79.4 0.0 150.6

176 77.4 0.0 145.2

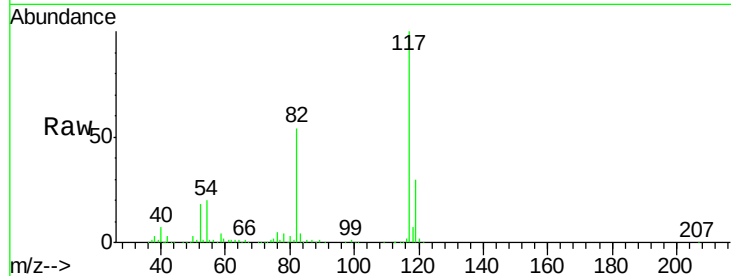




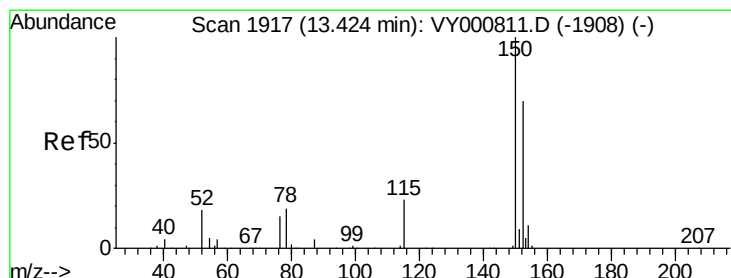
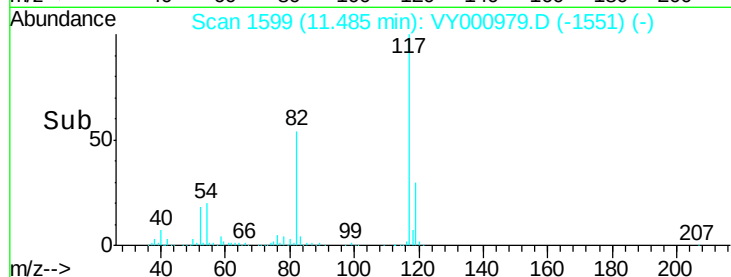
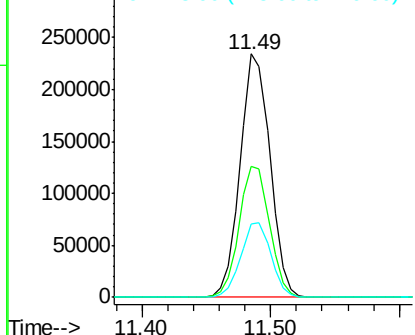
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000979.D
Acq: 17 Dec 2019 15:27

Instrument :
MSVOA_Y
ClientSampled :
RO-1-3

Tot Ion:117 Resp: 376151
Ion Ratio Lower Upper
117 100
82 53.9 43.1 64.7
119 30.4 25.3 37.9

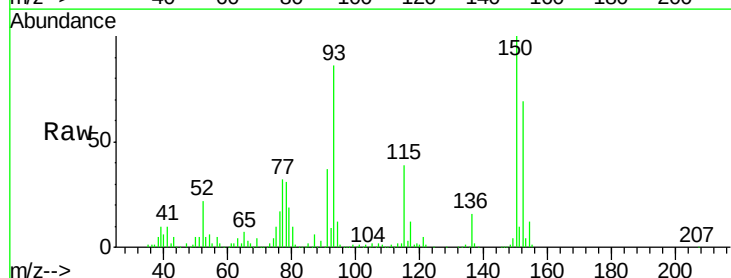


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

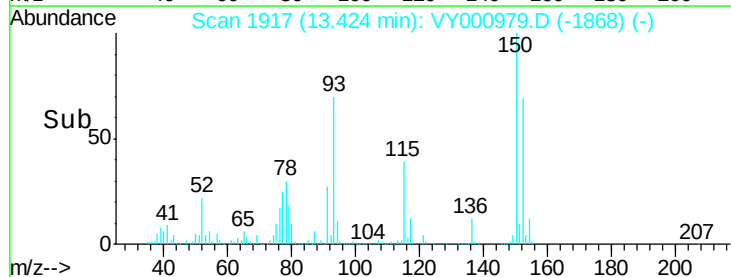
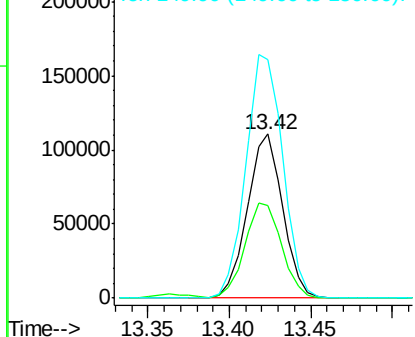


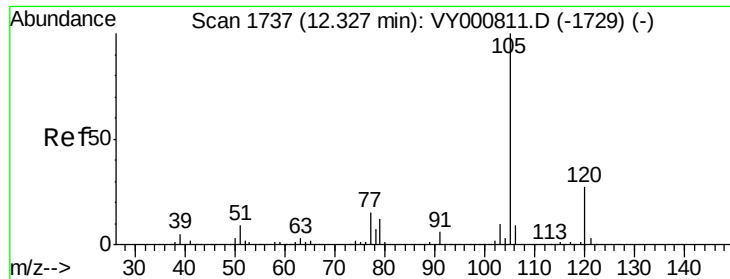
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000979.D
Acq: 17 Dec 2019 15:27

Tgt Ion:152 Resp: 166834
Ion Ratio Lower Upper
152 100
115 60.4 29.3 87.8
150 155.5 0.0 351.2



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





#73

Isopropylbenzene

Concen: 15.699 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000979.D

Acq: 17 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

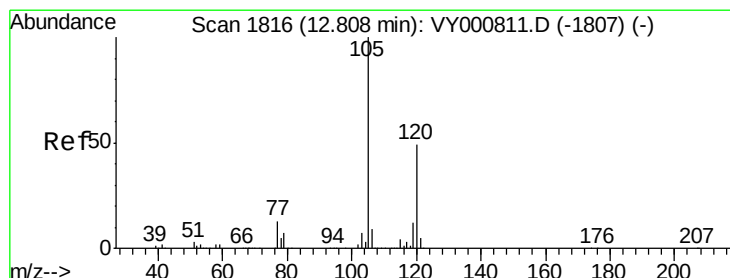
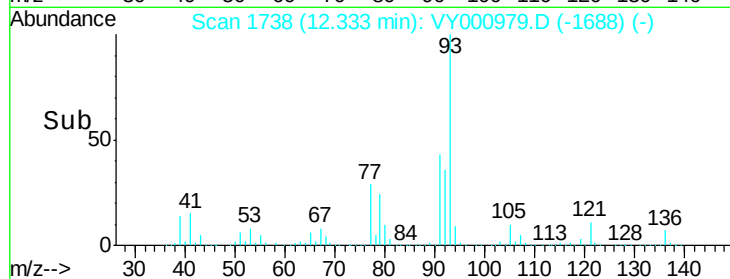
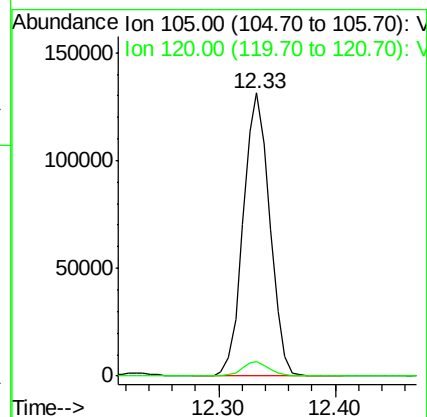
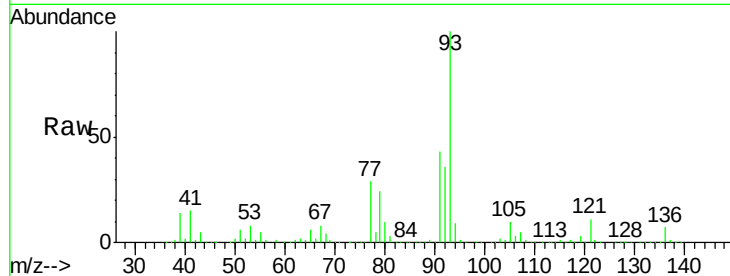
RO-1-3

Tot Ion:105 Resp: 208547

Ion Ratio Lower Upper

105 100

120 5.1 13.4 40.2#



#80

1,3,5-Trimethylbenzene

Concen: 1.639 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000979.D

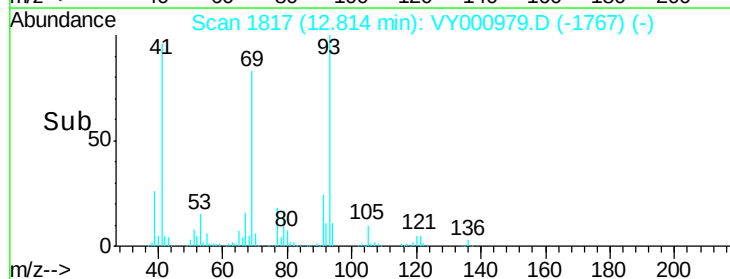
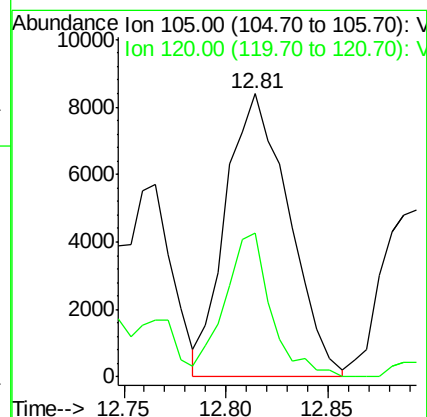
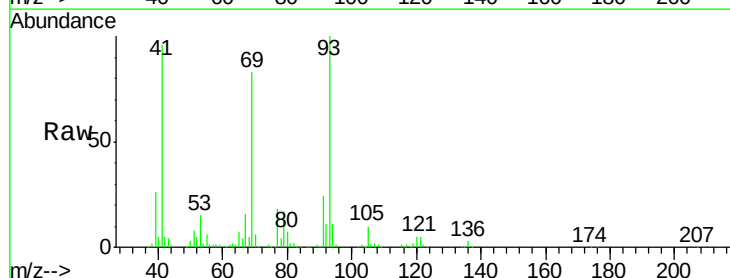
Acq: 17 Dec 2019 15:27

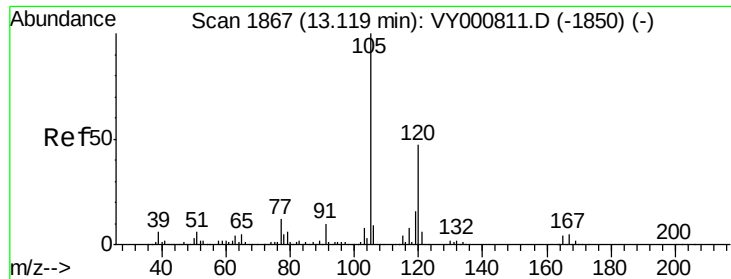
Tgt Ion:105 Resp: 18028

Ion Ratio Lower Upper

105 100

120 37.1 24.6 74.0

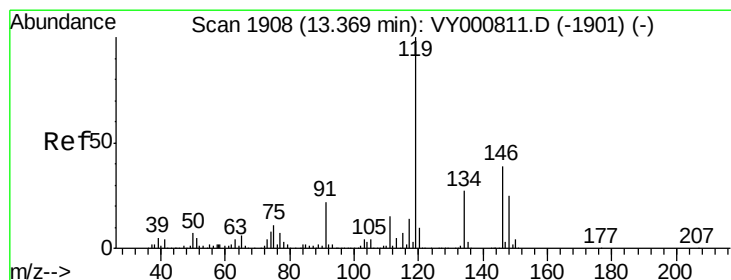
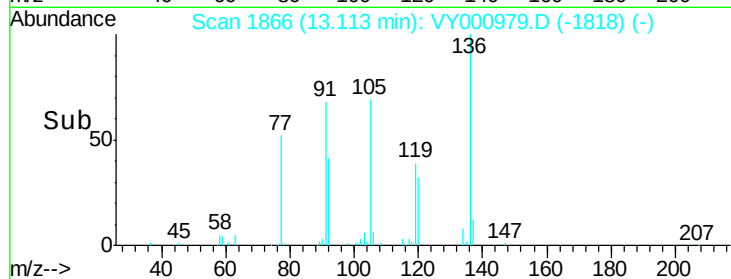
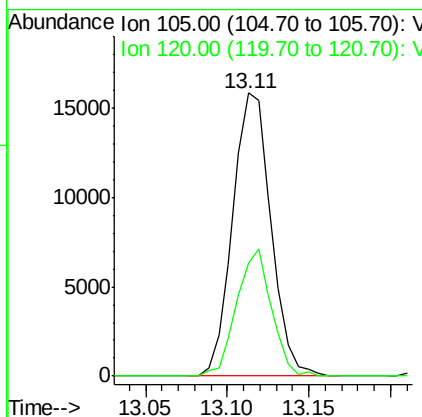
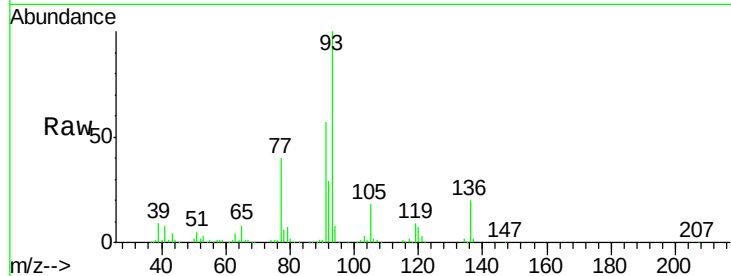




#84
 1,2,4-Trimethylbenzene
 Concen: 2.352 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000979.D
 Acq: 17 Dec 2019 15:27

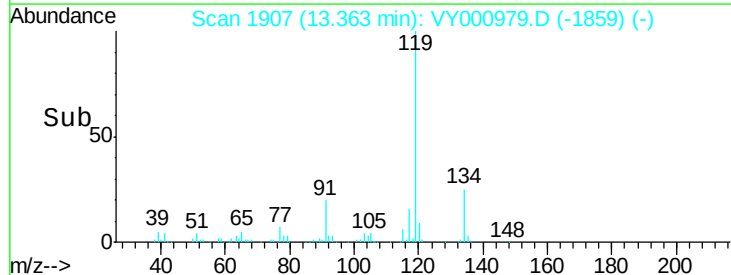
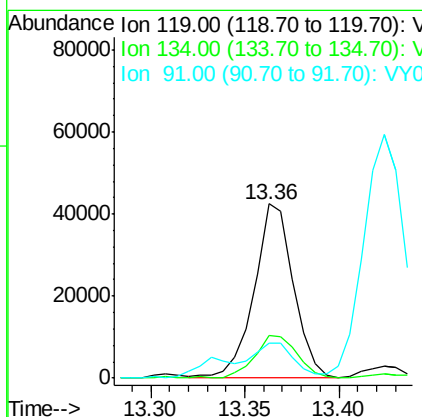
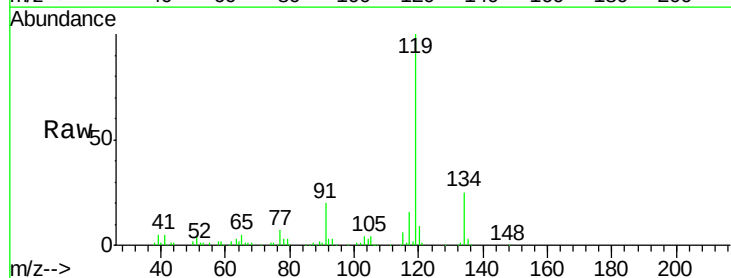
Instrument :
 MSVOA_Y
 ClientSampled :
 RO-1-3

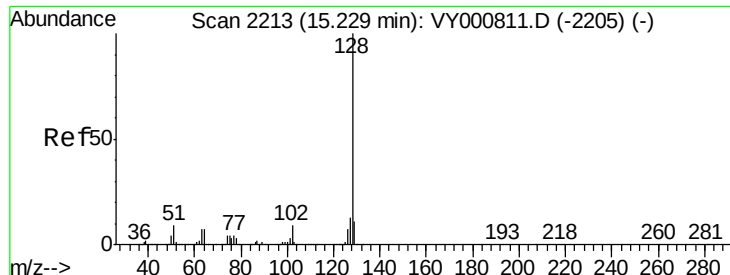
Tot Ion:105 Resp: 25880
 Ion Ratio Lower Upper
 105 100
 120 40.8 22.6 67.8



#86
 p-Isopropyltoluene
 Concen: 5.277 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000979.D
 Acq: 17 Dec 2019 15:27

Tgt Ion:119 Resp: 61724
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.9 11.5 34.5





#95
Naphthalene
Concen: 1.342 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000979.D
Acq: 17 Dec 2019 15:27

Instrument :
MSVOA_Y
ClientSampleId :
RO-1-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	10.6	8.8	13.2

