

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002647.D
 Acq On : 08 May 2020 17:34
 Operator : SY/MD
 Sample : L2554-01
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-1-7

Quant Time: May 11 02:43:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

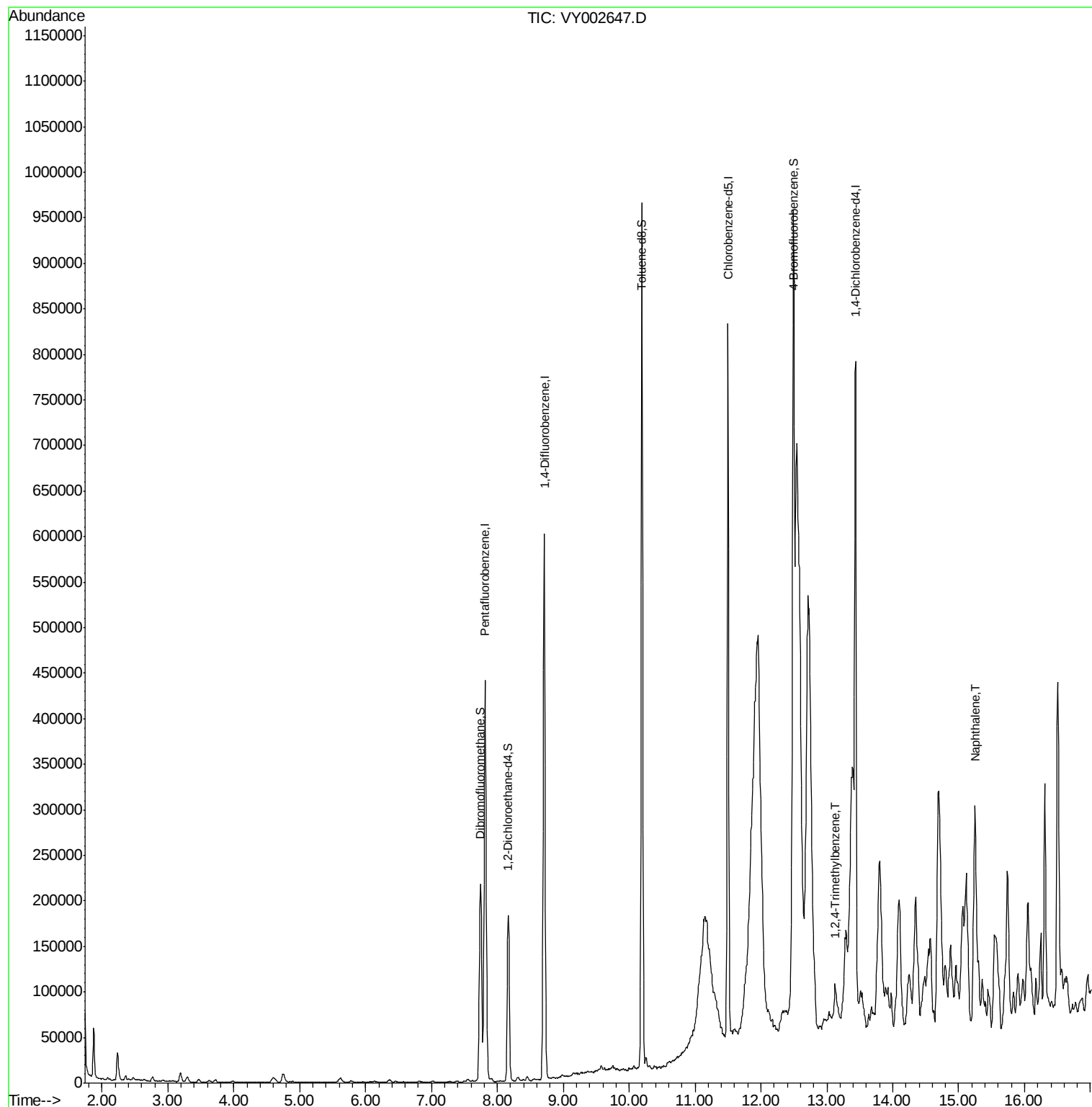
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	367270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	554960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	460807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	187281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	144300	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	7.74	113	159309	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.19	98	639263	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.49	95	181099	43.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.12%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.13	105	11046	1.102	ug/l	97
95) Naphthalene	15.25	128	71891	10.599	ug/l #	78

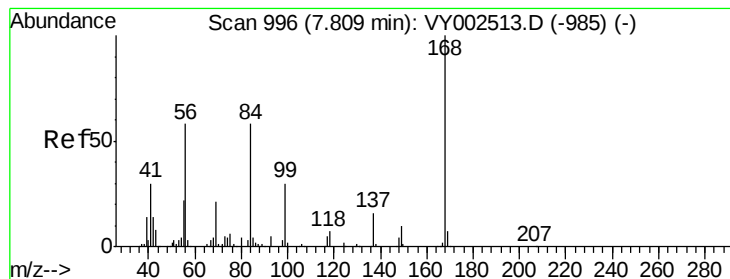
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002647.D

Acq: 08 May 2020 17:34

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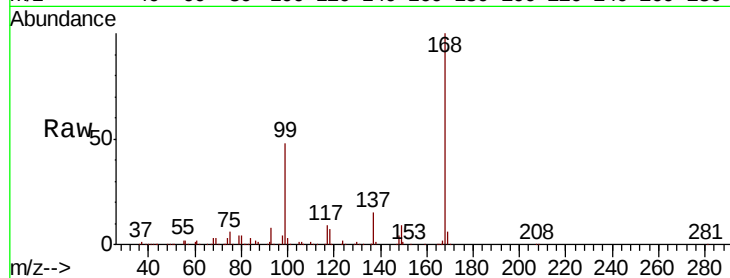
DRUM-1-7

Tot Ion:168 Resp: 367270

Ion Ratio Lower Upper

168 100

99 47.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

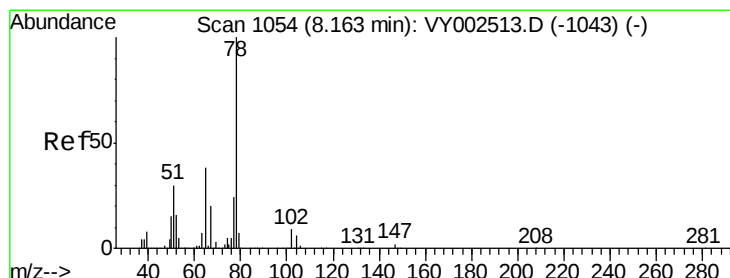
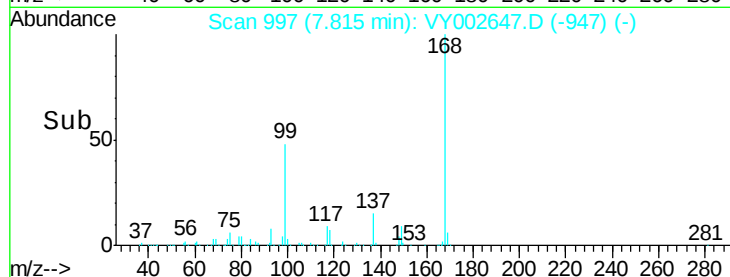
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.728 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002647.D

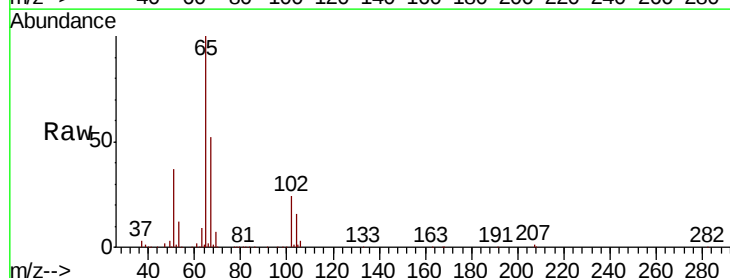
Acq: 08 May 2020 17:34

Tgt Ion: 65 Resp: 144300

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.16

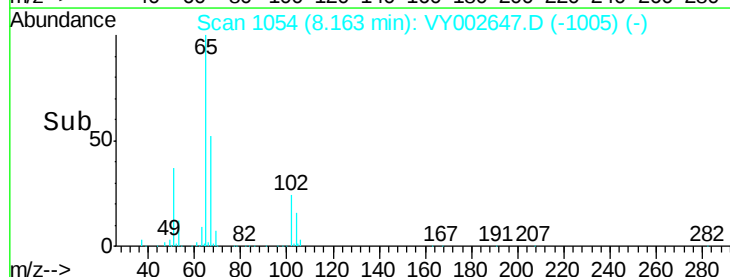
60000

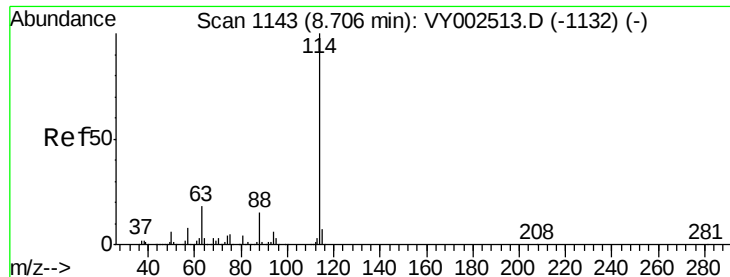
40000

20000

0

Time-->

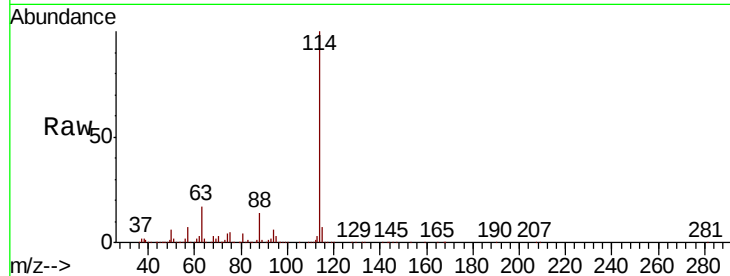




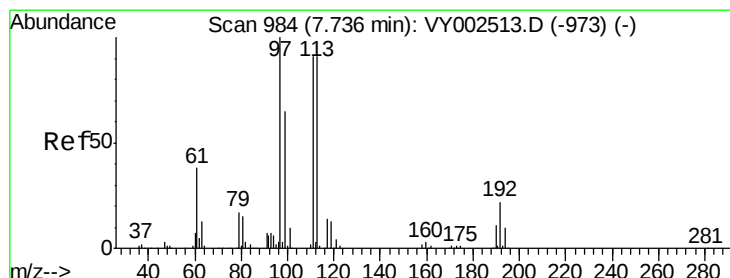
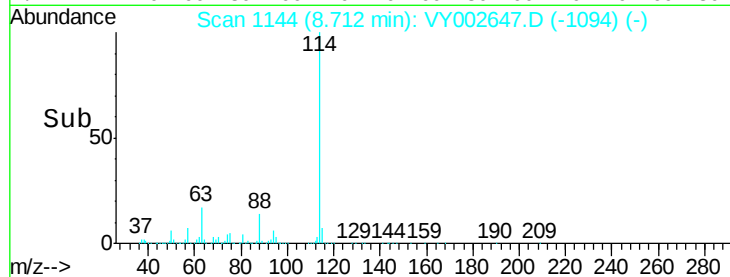
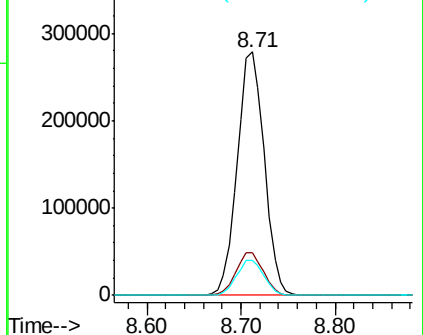
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002647.D
 Acq: 08 May 2020 17:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-1-7

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.4
88	14.3	0.0	29.6

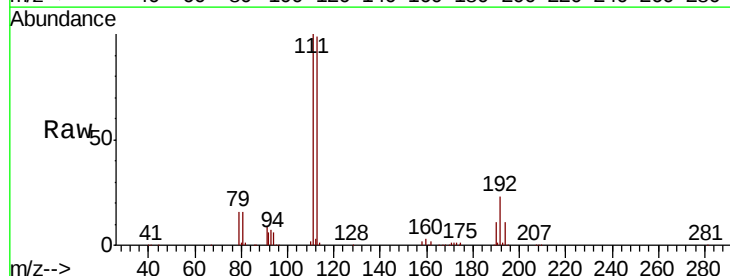


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

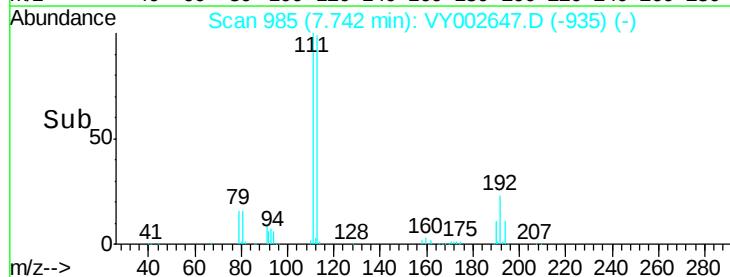
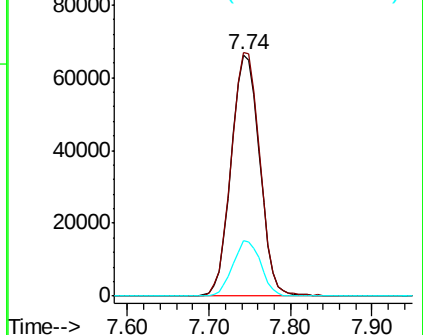


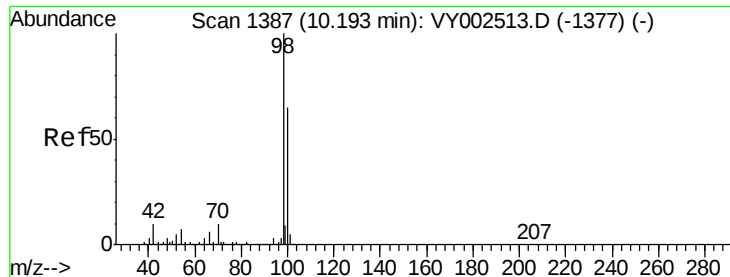
#35
 Dibromofluoromethane
 Concen: 50.195 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002647.D
 Acq: 08 May 2020 17:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	22.6	18.2	27.4



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: 51.577 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002647.D

Acq: 08 May 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

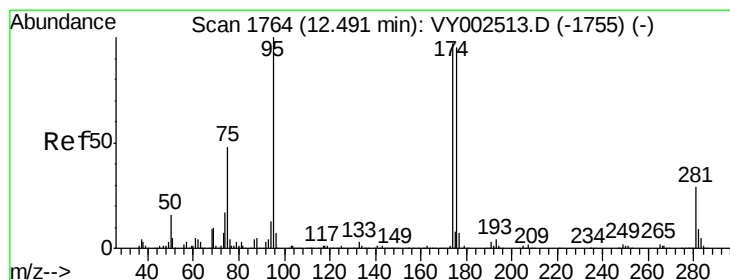
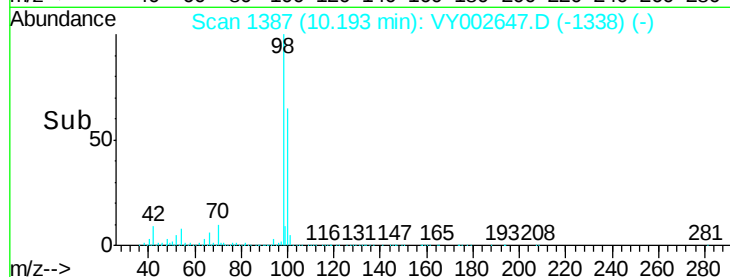
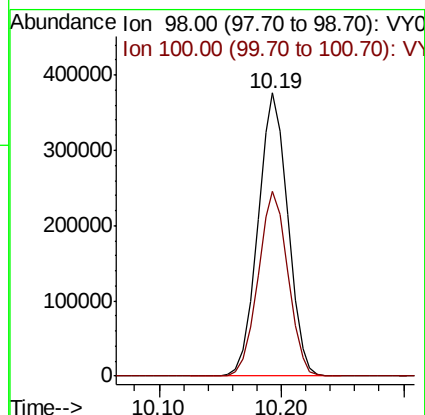
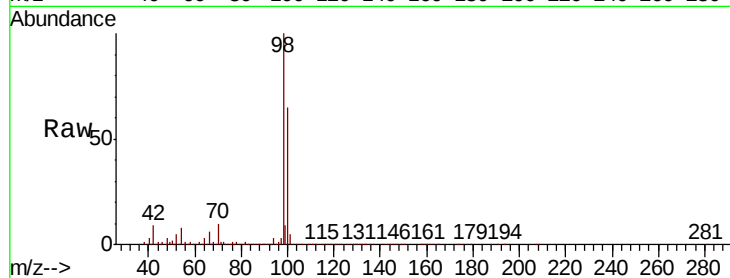
DRUM-1-7

Tot Ion: 98 Resp: 639263

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 43.061 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002647.D

Acq: 08 May 2020 17:34

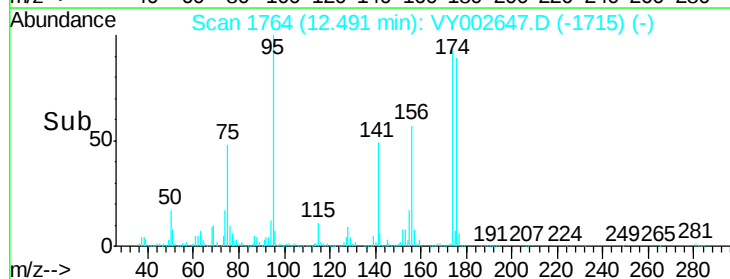
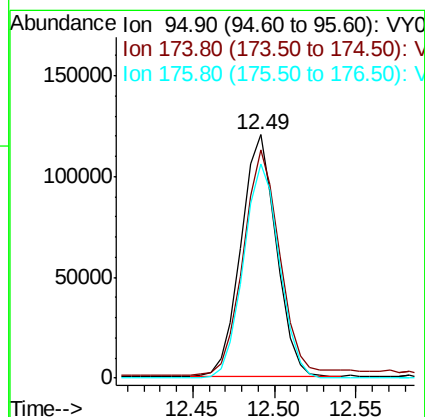
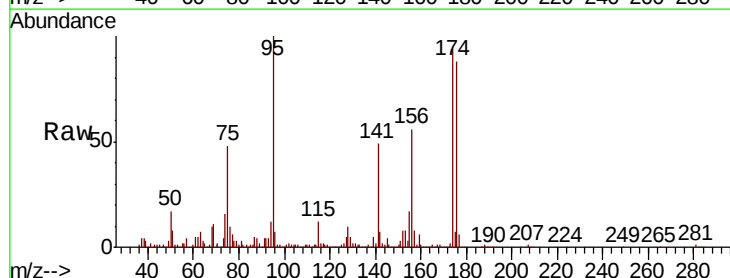
Tgt Ion: 95 Resp: 181099

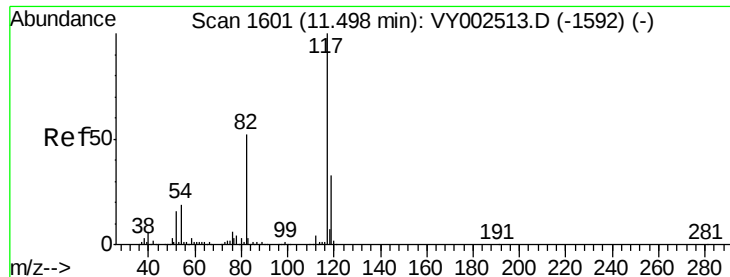
Ion Ratio Lower Upper

95 100

174 97.5 0.0 188.8

176 90.3 0.0 183.2

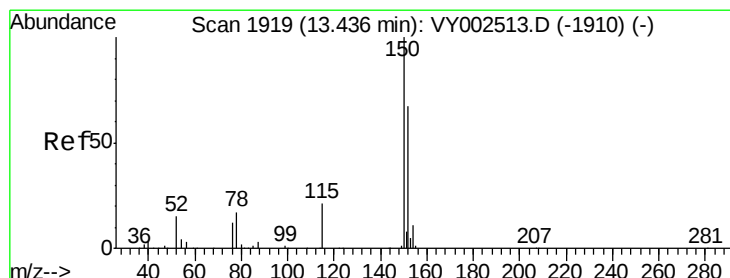
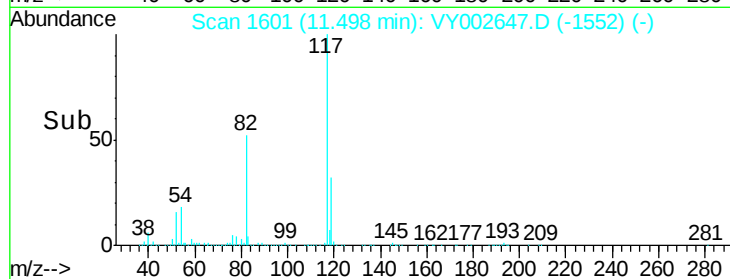
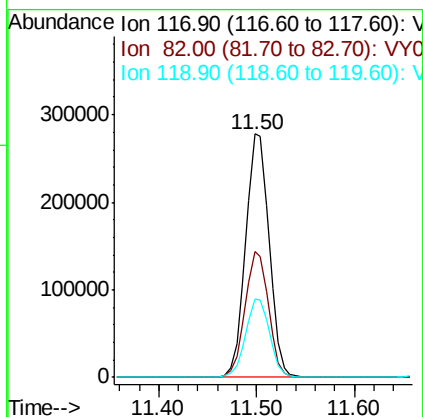
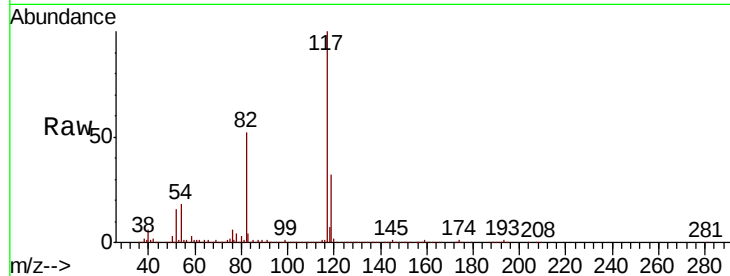




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002647.D
Acq: 08 May 2020 17:34

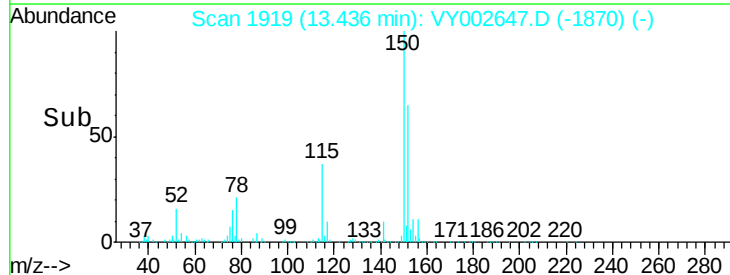
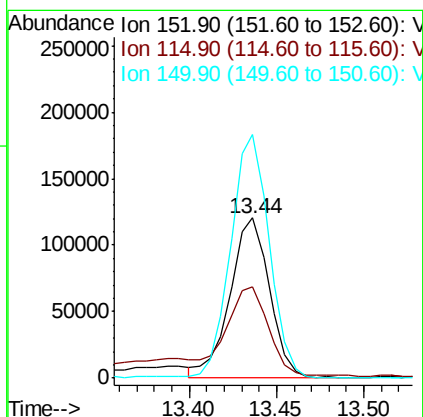
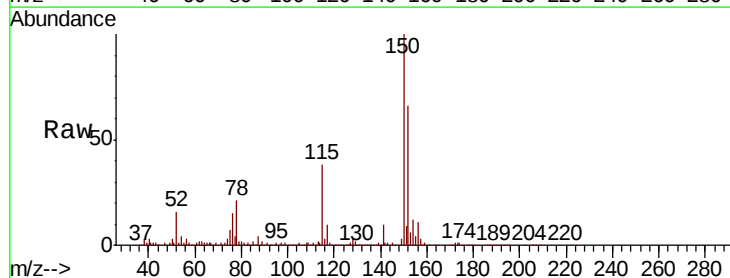
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

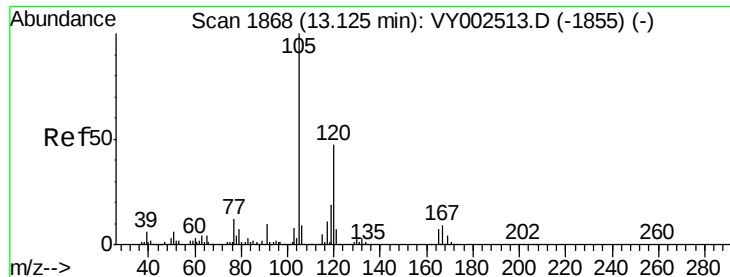
Tot Ion:117 Resp: 460807
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 31.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002647.D
Acq: 08 May 2020 17:34

Tgt Ion:152 Resp: 187281
Ion Ratio Lower Upper
152 100
115 61.8 27.5 82.4
150 149.4 0.0 346.4

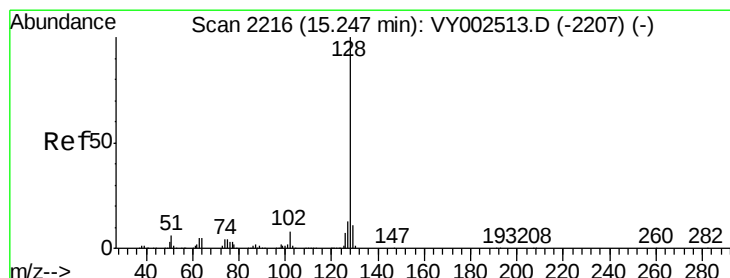
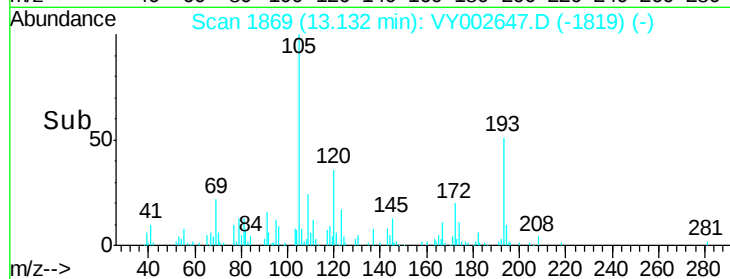
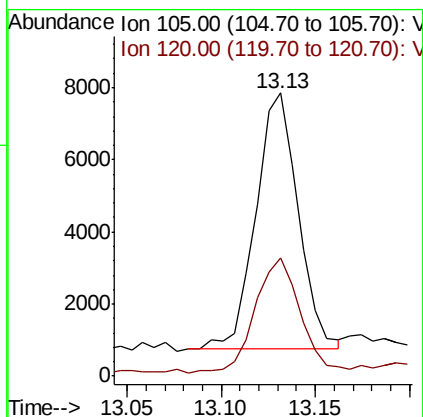
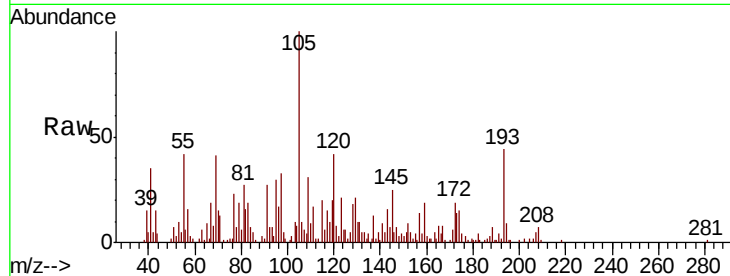




#84
 1,2,4-Trimethylbenzene
 Concen: 1.102 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002647.D
 Acq: 08 May 2020 17:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-1-7

Tot Ion:105 Resp: 11046
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.4 70.3



#95
 Naphthalene
 Concen: 10.599 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: VY002647.D
 Acq: 08 May 2020 17:34

Tgt Ion:128 Resp: 71891
 Ion Ratio Lower Upper
 128 100
 127 22.0 10.5 15.7#
 129 19.3 8.8 13.2#

