

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002451.D
 Acq On : 21 Apr 2020 21:59
 Operator : SY/MD
 Sample : L2351-05
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20-(1-2)

Quant Time: Apr 22 09:17:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

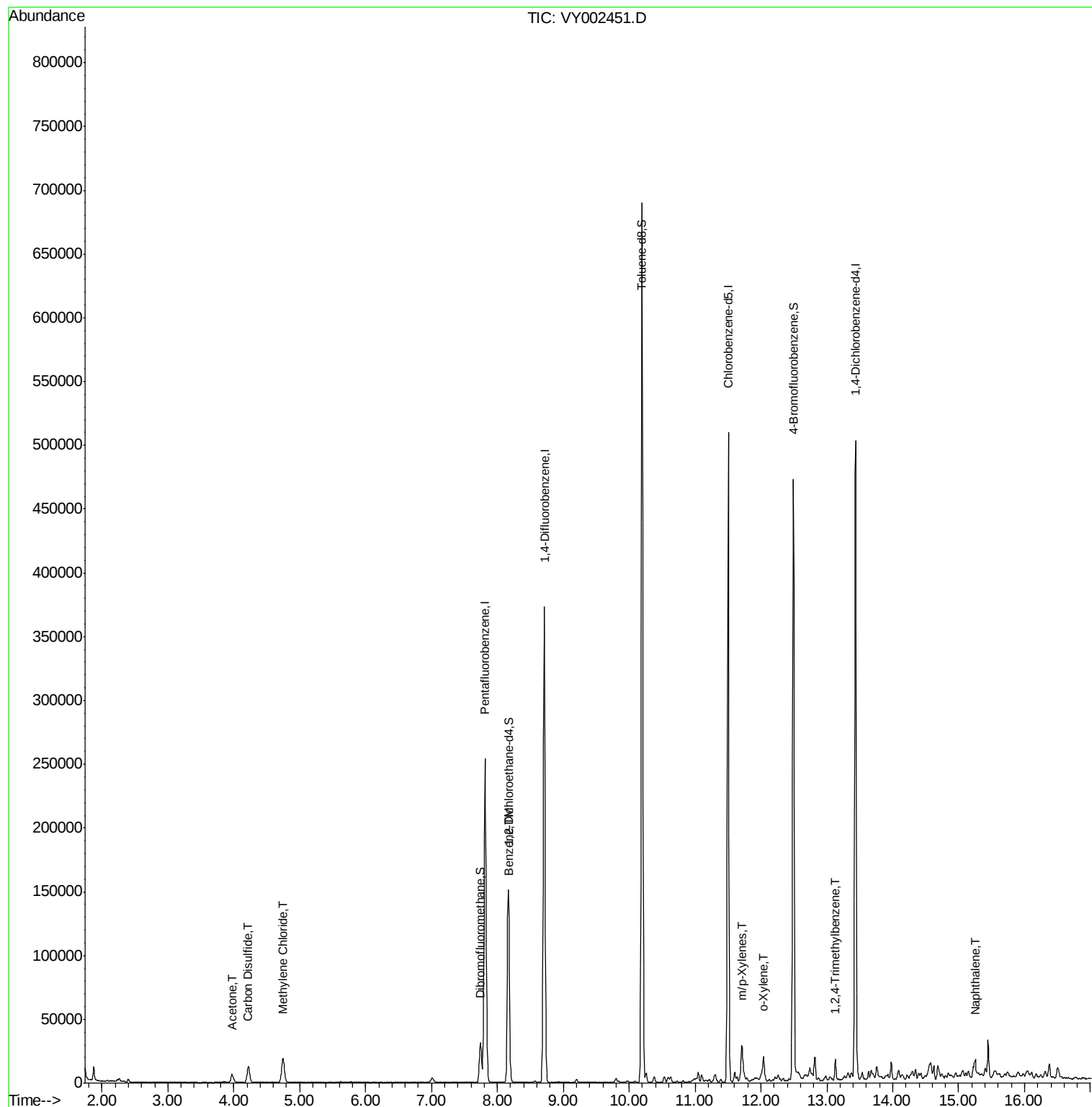
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	209456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	345999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	305397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	109034	71.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.14%	
35) Dibromofluoromethane	7.74	113	22579	12.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.82%	
50) Toluene-d8	10.19	98	474846	64.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.02%	
62) 4-Bromofluorobenzene	12.49	95	146750	60.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.78%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	11010	27.045	ug/l	92
17) Carbon Disulfide	4.22	76	26509	4.374	ug/l	100
20) Methylene Chloride	4.74	84	15557	6.829	ug/l	95
40) Benzene	8.18	78	9523	1.111	ug/l	99
68) m/p-Xylenes	11.71	106	8394	2.144	ug/l	98
69) o-Xylene	12.03	106	4757	1.289	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	9389	1.265	ug/l	96
95) Naphthalene	15.25	128	8253	1.541	ug/l #	94

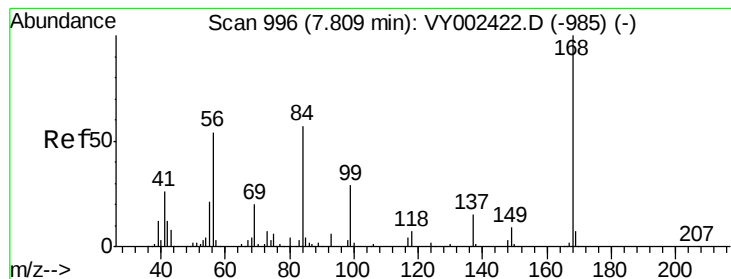
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
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QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002451.D

Acq: 21 Apr 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

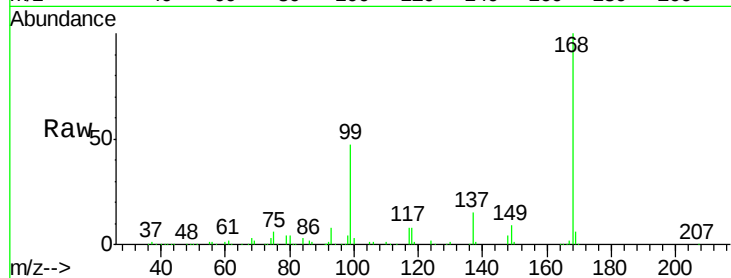
TP-20-(1-2)

Tot Ion:168 Resp: 209456

Ion Ratio Lower Upper

168 100

99 47.0 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.82

100000

80000

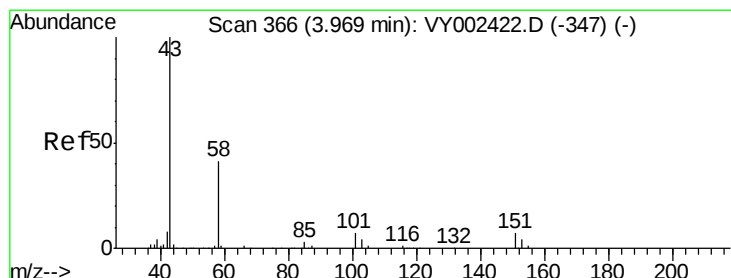
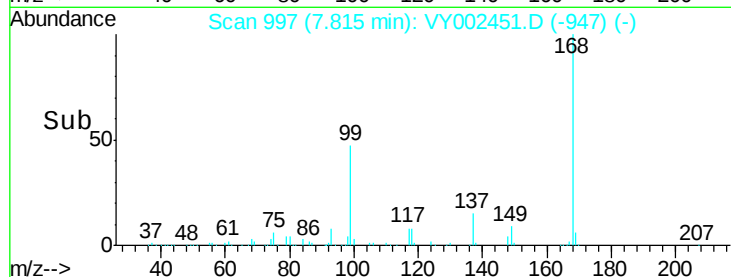
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 27.045 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002451.D

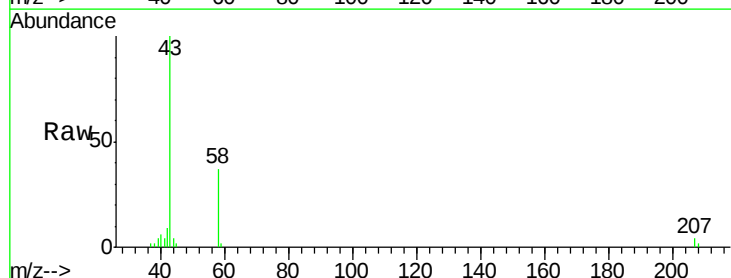
Acq: 21 Apr 2020 21:59

Tgt Ion: 43 Resp: 11010

Ion Ratio Lower Upper

43 100

58 35.5 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.97

4000

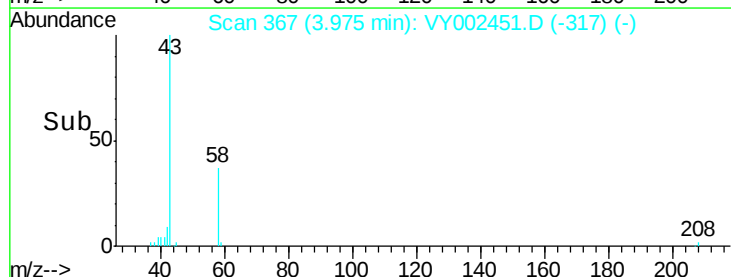
3000

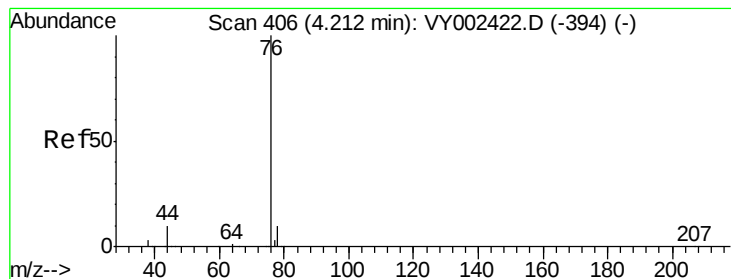
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 4.374 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002451.D

Acq: 21 Apr 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

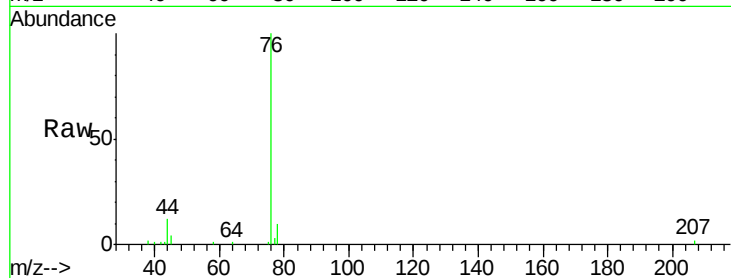
TP-20-(1-2)

Tot Ion: 76 Resp: 26509

Ion Ratio Lower Upper

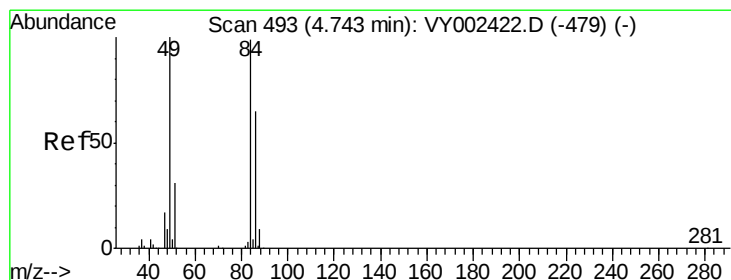
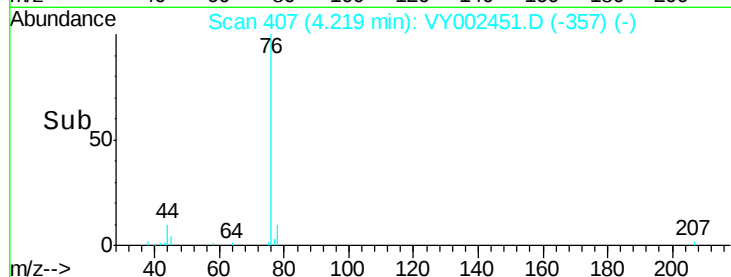
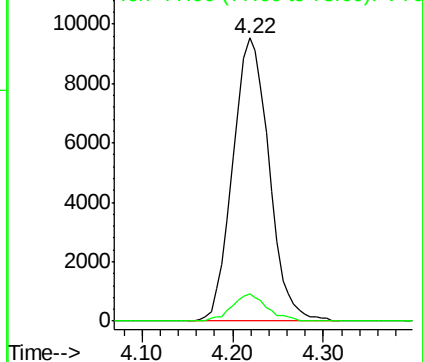
76 100

78 9.8 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: 6.829 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.00 min

Lab File: VY002451.D

Acq: 21 Apr 2020 21:59

Tgt Ion: 84 Resp: 15557

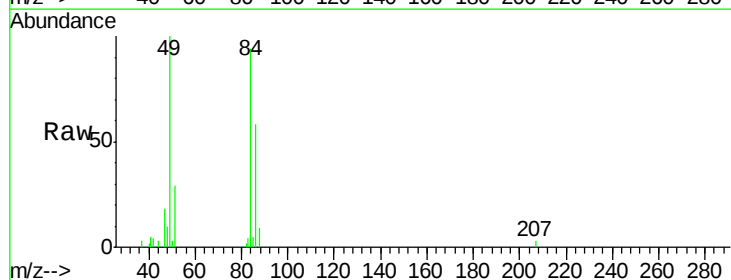
Ion Ratio Lower Upper

84 100

49 106.6 81.0 121.6

51 30.9 24.9 37.3

86 61.7 52.7 79.1

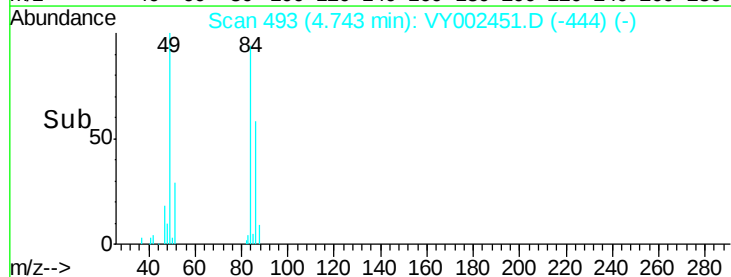
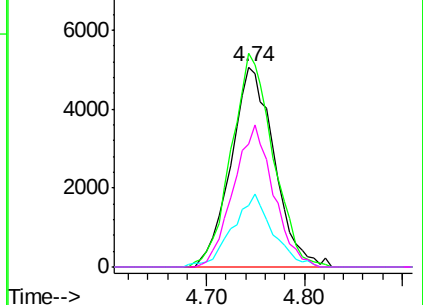


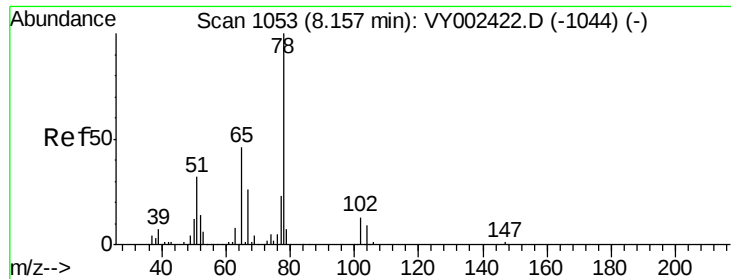
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

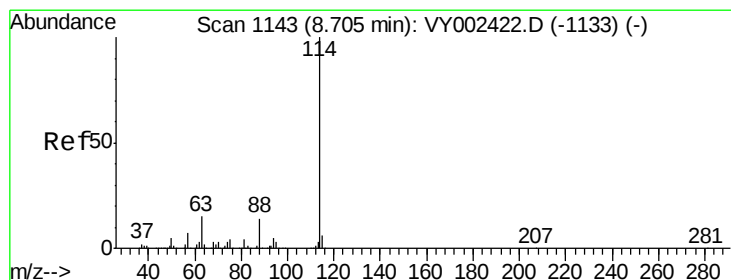
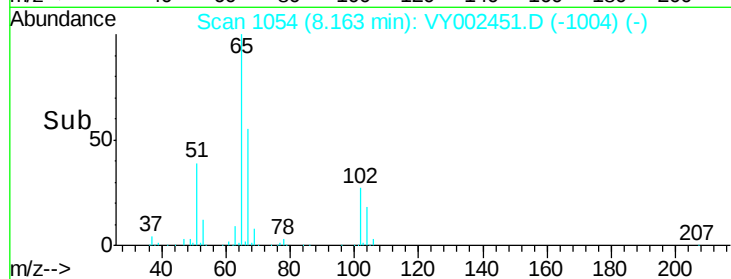
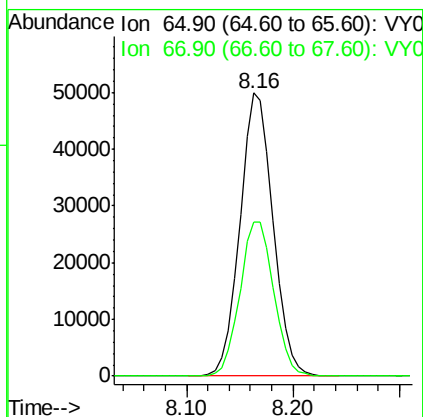
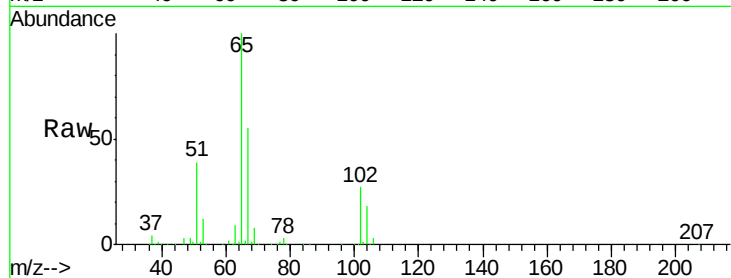




#33
 1,2-Dichloroethane-d4
 Concen: 71.573 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002451.D
 Acq: 21 Apr 2020 21:59

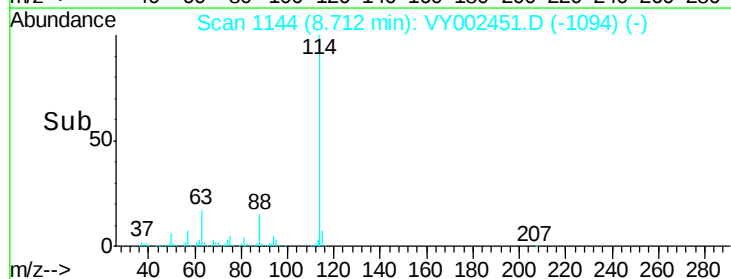
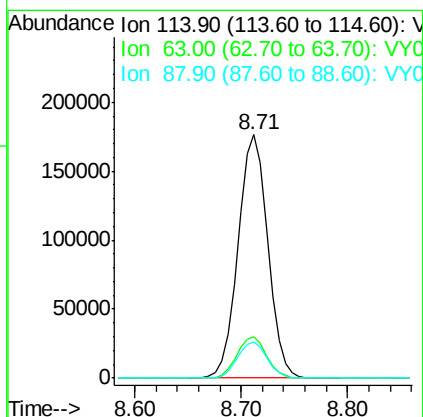
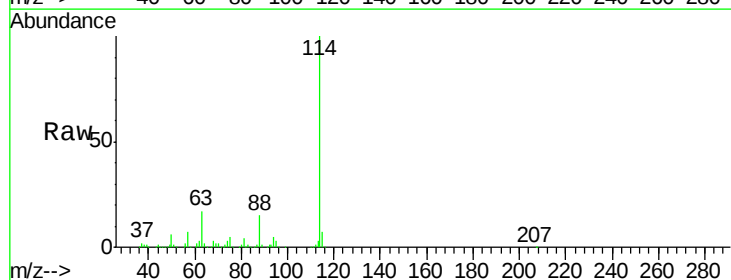
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-20-(1-2)

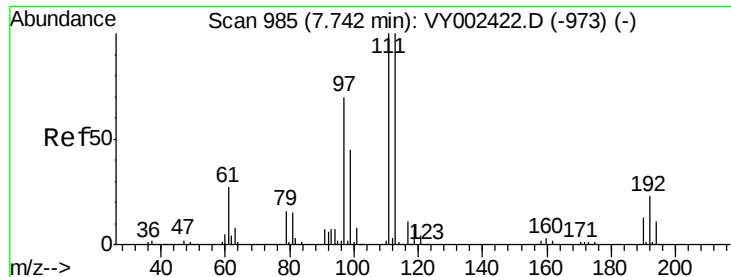
Tot Ion: 65 Resp: 109034
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002451.D
 Acq: 21 Apr 2020 21:59

Tgt Ion: 114 Resp: 345999
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.0
 88 15.1 0.0 28.2

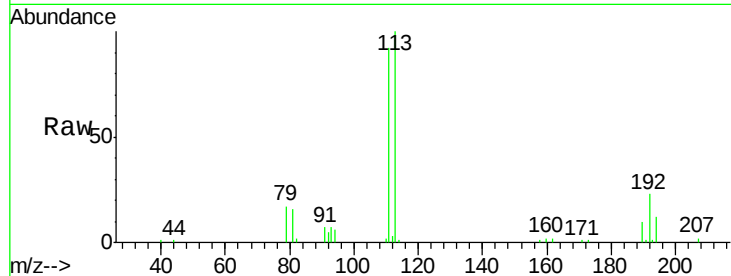




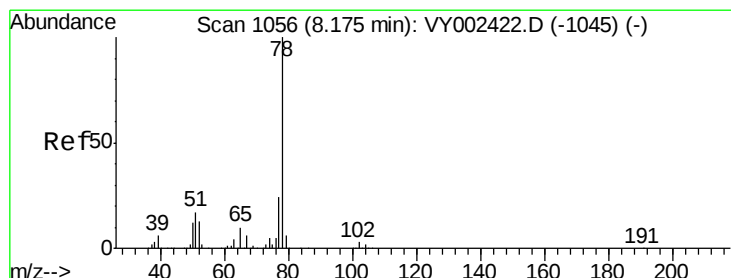
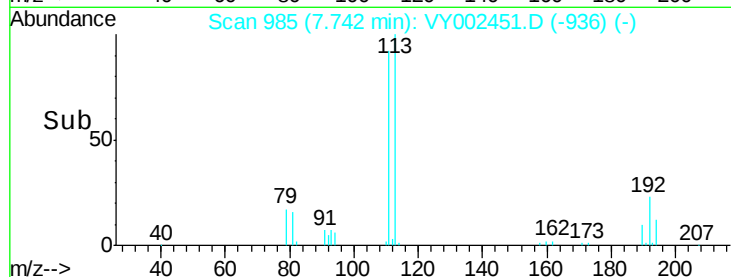
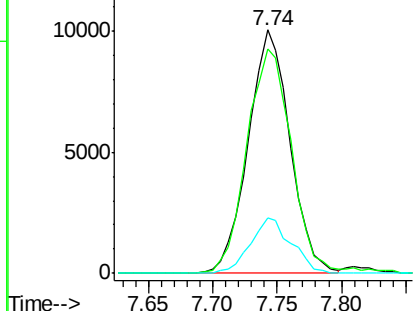
#35
 Dibromofluoromethane
 Concen: 12.407 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY002451.D
 Acq: 21 Apr 2020 21:59

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-20-(1-2)

Tot Ion:113 Resp: 22579
 Ion Ratio Lower Upper
 113 100
 111 97.7 81.7 122.5
 192 22.2 17.8 26.6

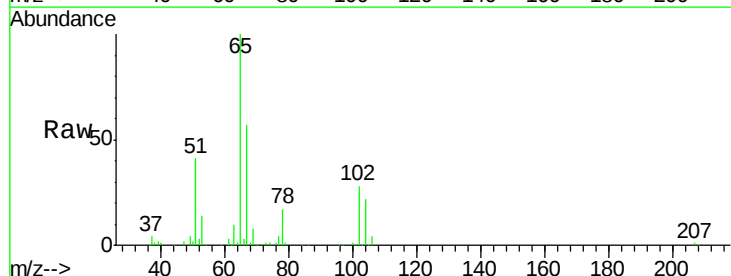


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

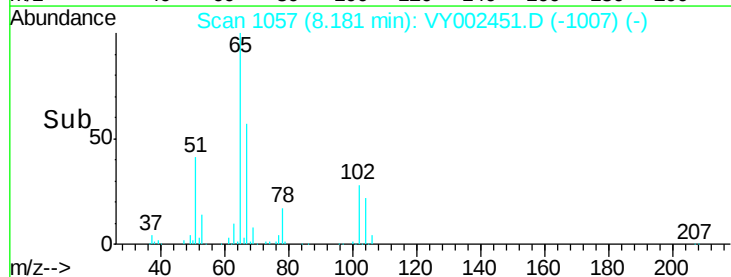
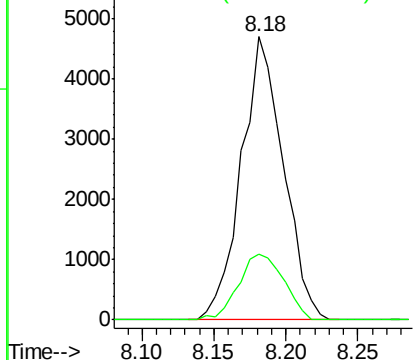


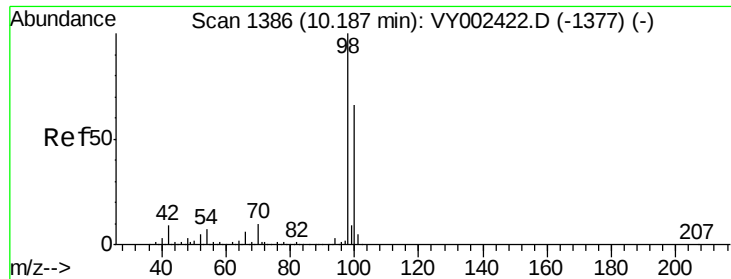
#40
 Benzene
 Concen: 1.111 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VY002451.D
 Acq: 21 Apr 2020 21:59

Tgt Ion: 78 Resp: 9523
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
 Ion 77.00 (76.70 to 77.70): VY0





#50

Toluene-d8

Concen: 64.511 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002451.D

Acq: 21 Apr 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

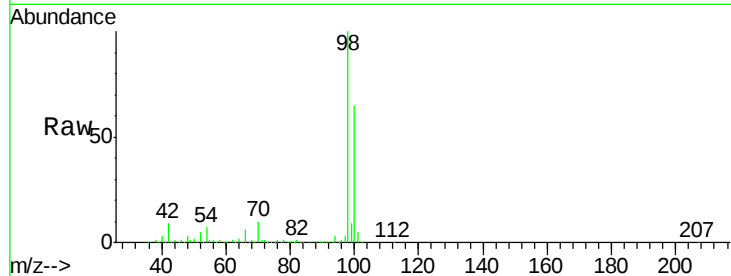
TP-20-(1-2)

Tot Ion: 98 Resp: 474846

Ion Ratio Lower Upper

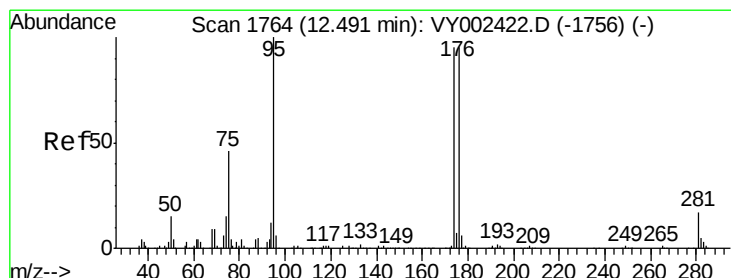
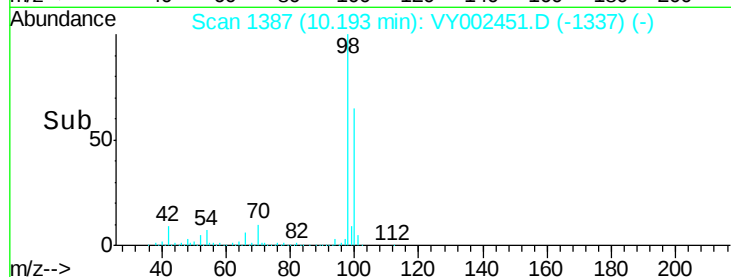
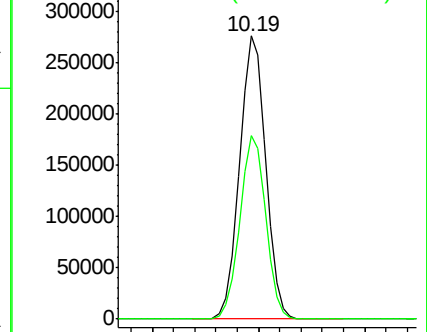
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 60.385 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002451.D

Acq: 21 Apr 2020 21:59

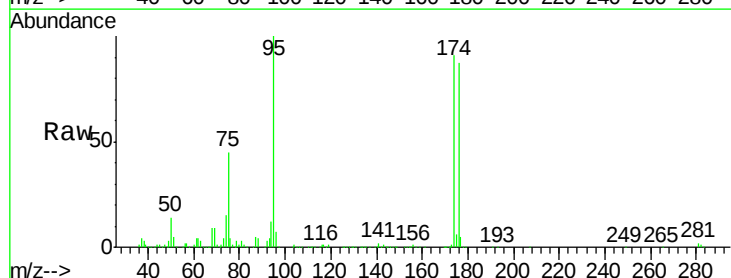
Tgt Ion: 95 Resp: 146750

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.8

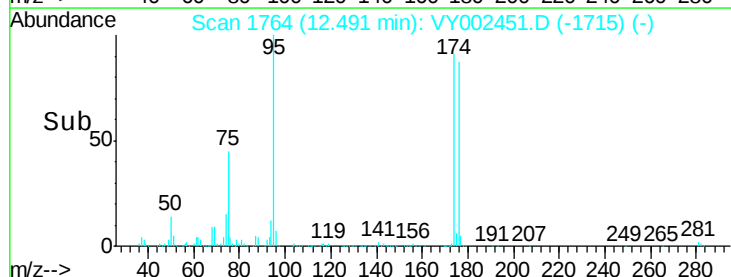
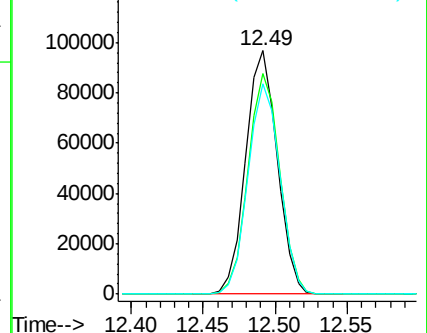
176 87.4 0.0 181.2

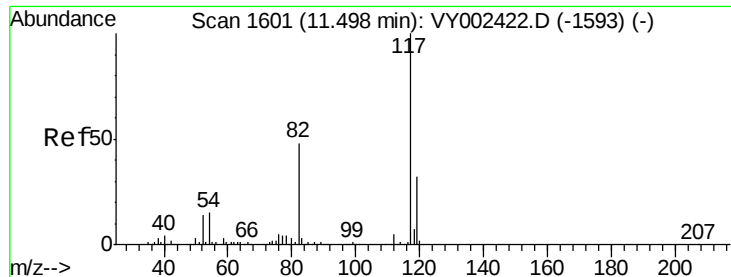


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

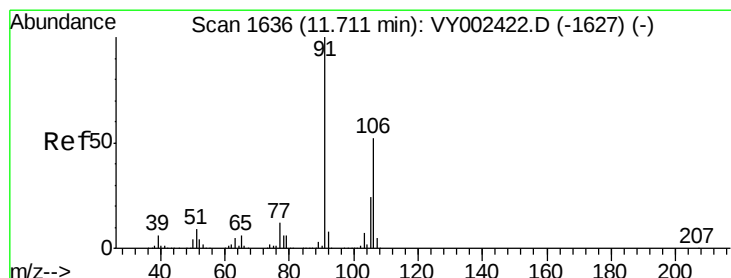
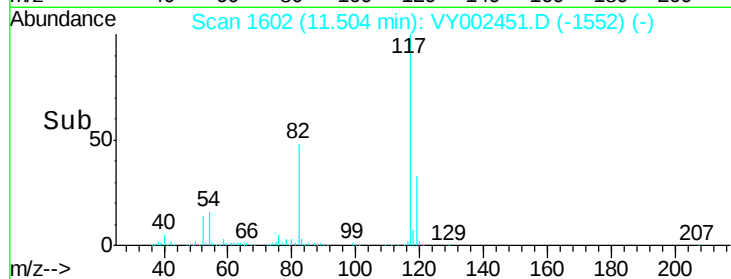
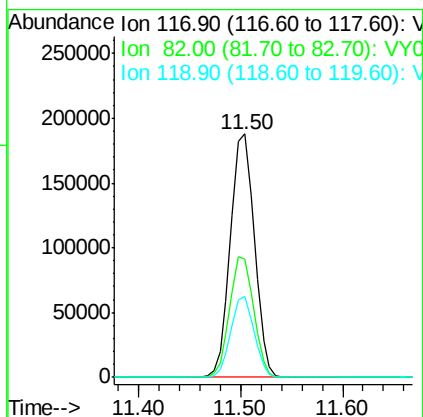
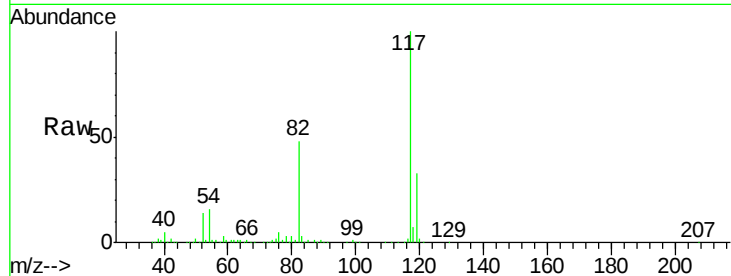




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002451.D
Acq: 21 Apr 2020 21:59

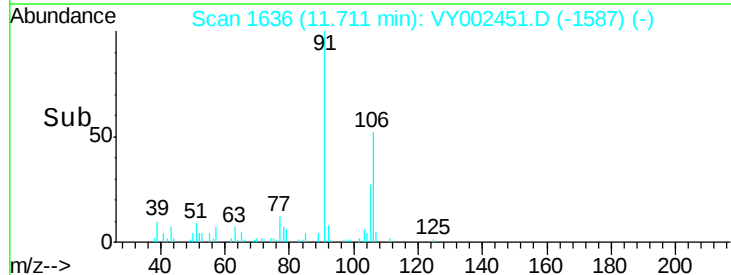
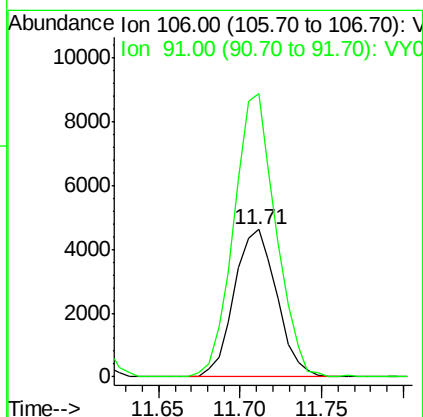
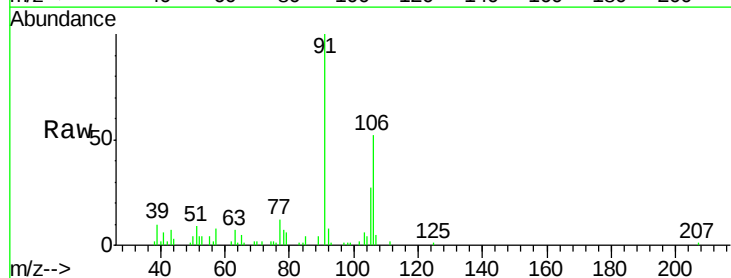
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TP-20-(1-2)

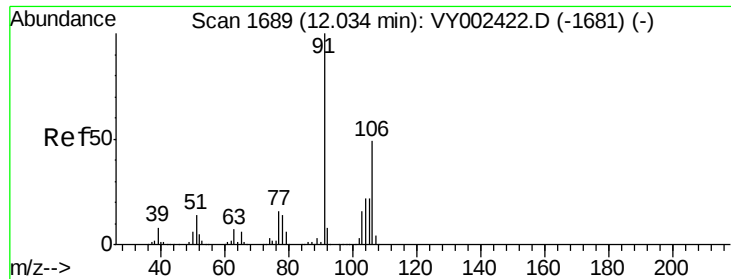
Tot Ion:117 Resp: 305397
Ion Ratio Lower Upper
117 100
82 48.4 38.4 57.6
119 33.5 25.3 37.9



#68
m/p-Xylenes
Concen: 2.144 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002451.D
Acq: 21 Apr 2020 21:59

Tgt Ion:106 Resp: 8394
Ion Ratio Lower Upper
106 100
91 189.4 153.6 230.4

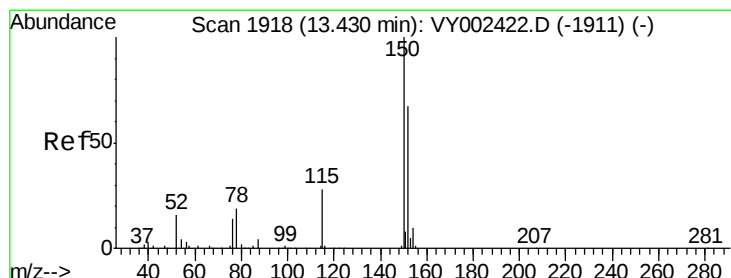
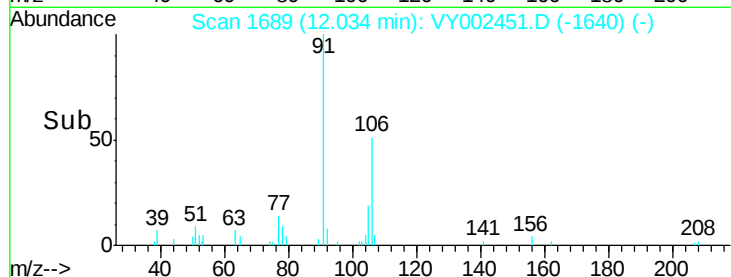
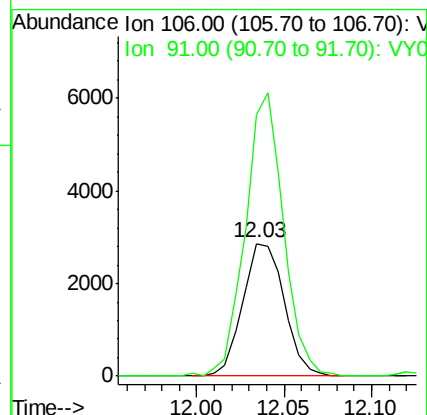
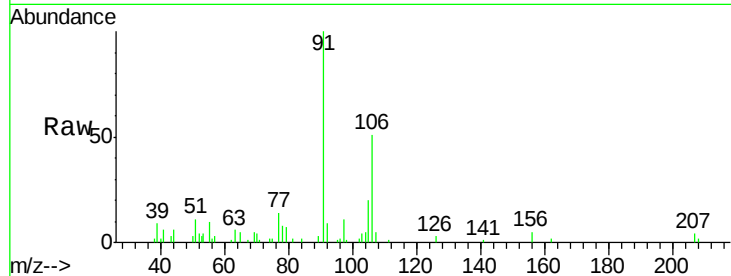




#69
o-Xylene
Concen: 1.289 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002451.D
Acq: 21 Apr 2020 21:59

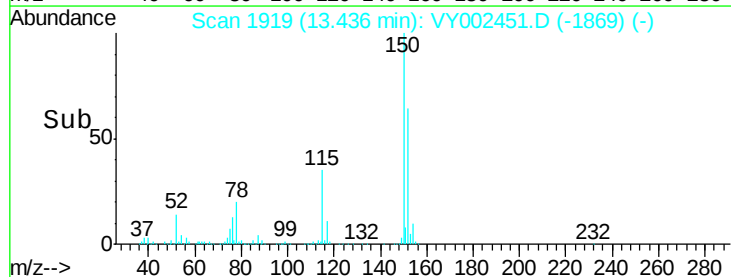
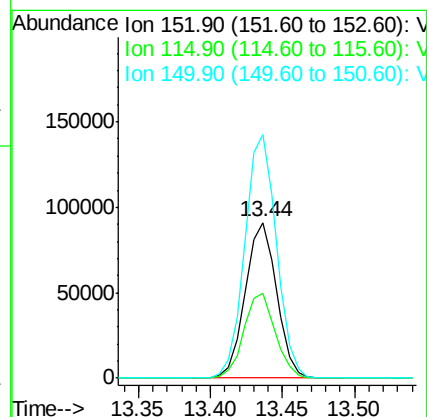
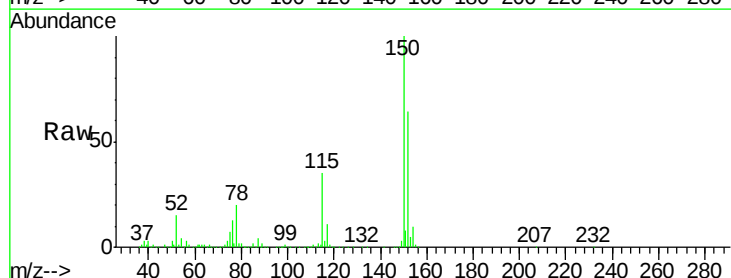
Instrument :
MSVOA_Y
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TP-20-(1-2)

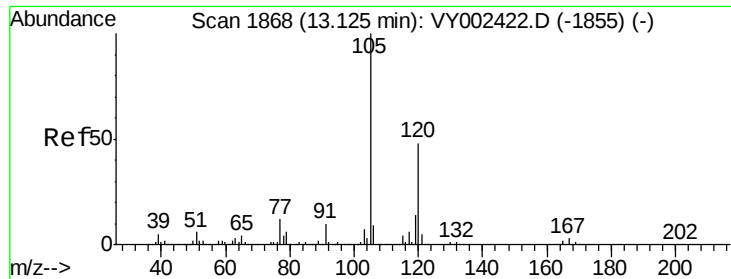
Tot Ion:106 Resp: 4757
Ion Ratio Lower Upper
106 100
91 195.4 100.4 301.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002451.D
Acq: 21 Apr 2020 21:59

Tgt Ion:152 Resp: 136964
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.8
150 157.5 0.0 344.0

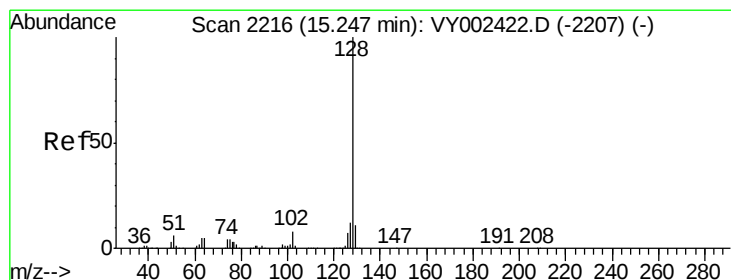
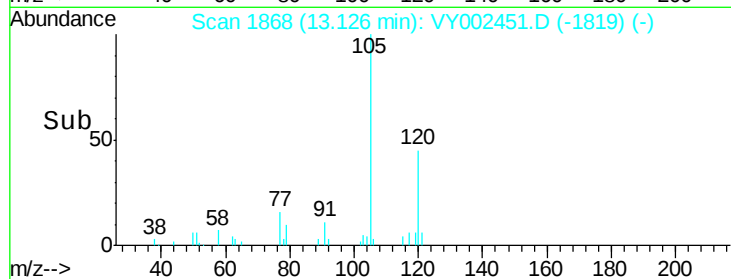
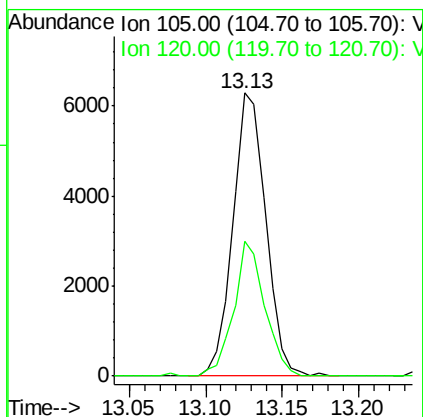
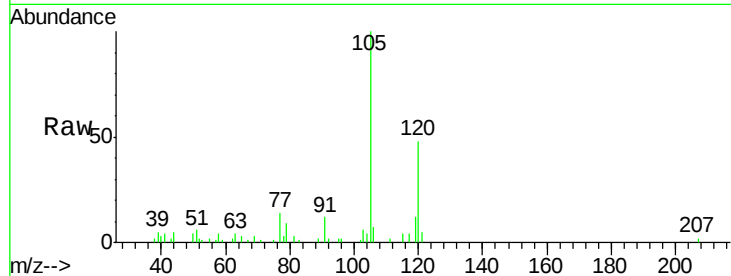




#84
 1,2,4-Trimethylbenzene
 Concen: 1.265 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002451.D
 Acq: 21 Apr 2020 21:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20-(1-2)

Tot Ion:105 Resp: 9389
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.9 71.7



#95
 Naphthalene
 Concen: 1.541 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: VY002451.D
 Acq: 21 Apr 2020 21:59

Tgt Ion:128 Resp: 8253
 Ion Ratio Lower Upper
 128 100
 127 15.7 10.2 15.2#
 129 13.0 9.0 13.6

