

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003293.D
 Acq On : 22 Jul 2020 17:09
 Operator : SY/MD
 Sample : L3360-01RE
 Misc : 6.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1ARE

Quant Time: Jul 27 02:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	380172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	592017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	521506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	194997	60.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.54%	
35) Dibromofluoromethane	7.72	113	81021	23.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	47.56%	
50) Toluene-d8	10.18	98	715930	56.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.04%	
62) 4-Bromofluorobenzene	12.48	95	213859	46.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.48%	

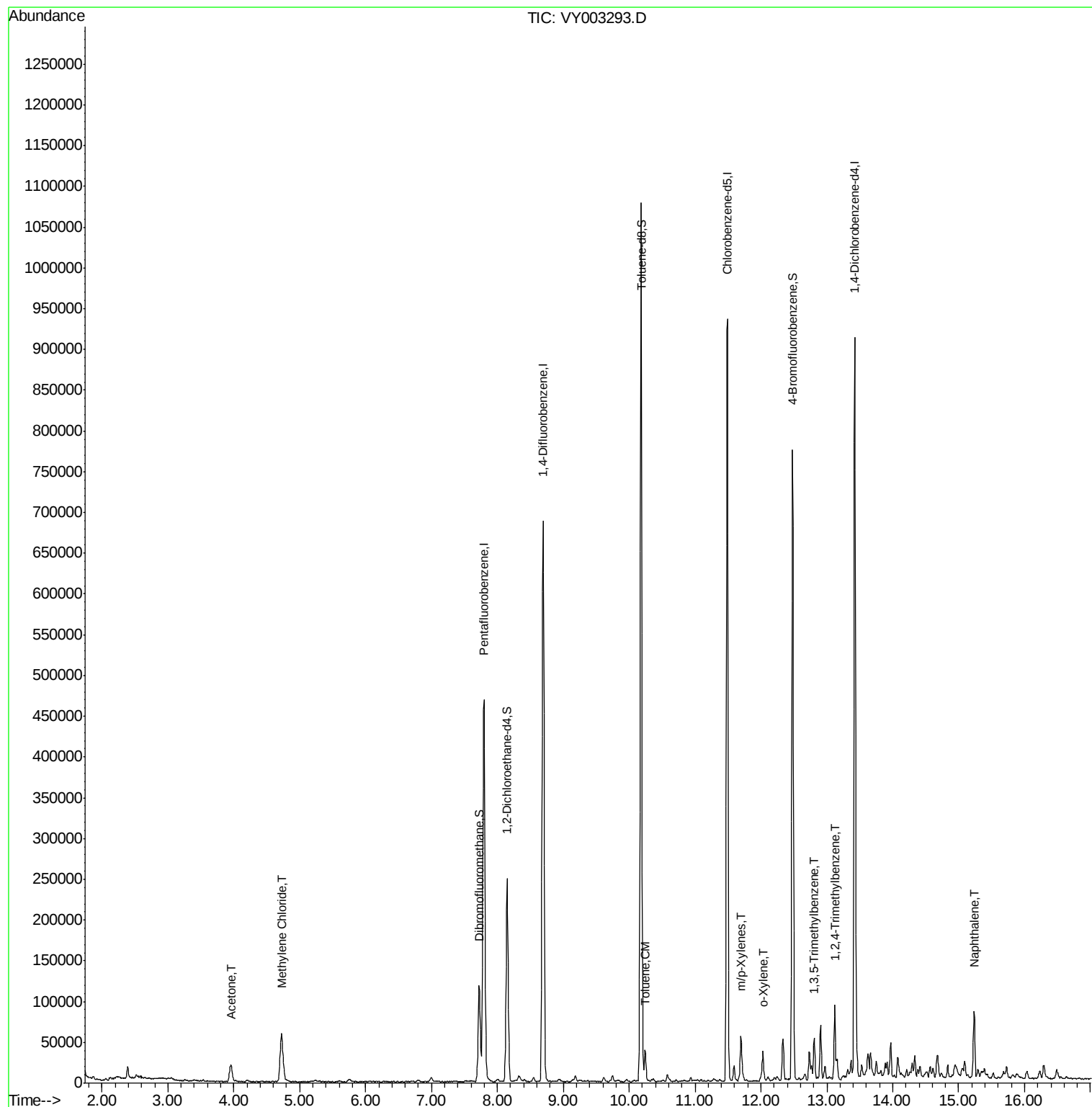
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	35465	49.480	ug/l	99
20) Methylene Chloride	4.72	84	43731	7.450	ug/l	90
52) Toluene	10.24	92	15037	1.592	ug/l	100
68) m/p-Xylenes	11.69	106	16146	2.372	ug/l	94
69) o-Xylene	12.03	106	8539	1.343	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	16499	1.334	ug/l	94
84) 1,2,4-Trimethylbenzene	13.12	105	46354	3.725	ug/l	98
95) Naphthalene	15.23	128	65047	8.814	ug/l	99

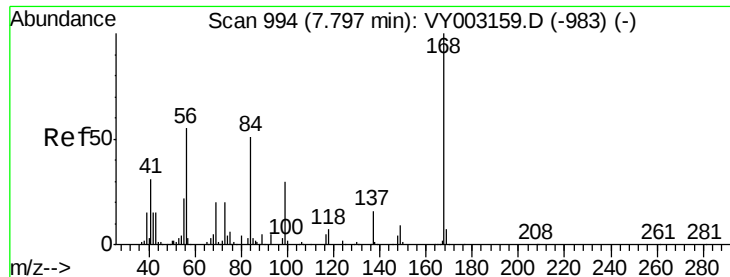
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
Data File : VY003293.D
Acq On : 22 Jul 2020 17:09
Operator : SY/MD
Sample : L3360-01RE
Misc : 6.43G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

Quant Time: Jul 27 02:14:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003293.D

Acq: 22 Jul 2020 17:09

Instrument :

MSVOA_Y

ClientSampleId :

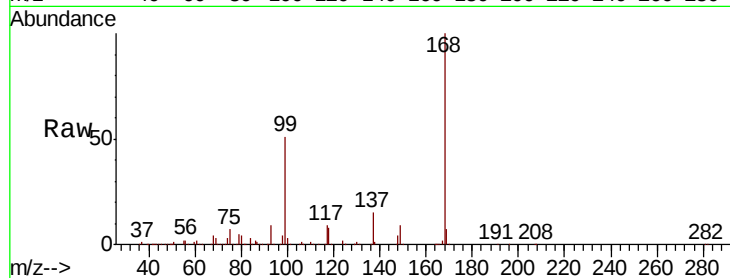
SP-1ARE

Tot Ion:168 Resp: 380172

Ion Ratio Lower Upper

168 100

99 50.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003293.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003293.D (-945) (-)

7.80

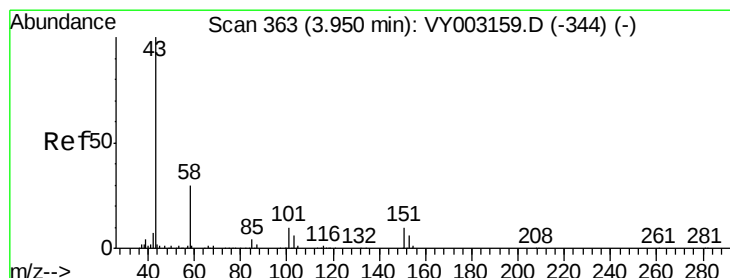
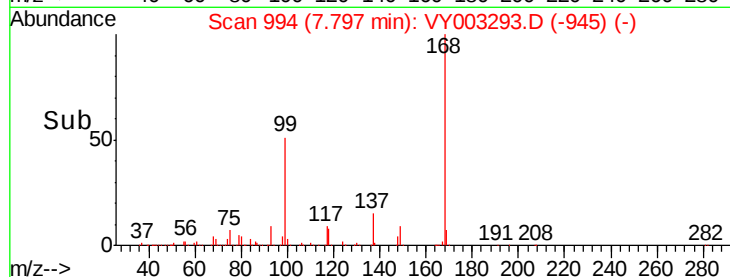
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 49.480 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003293.D

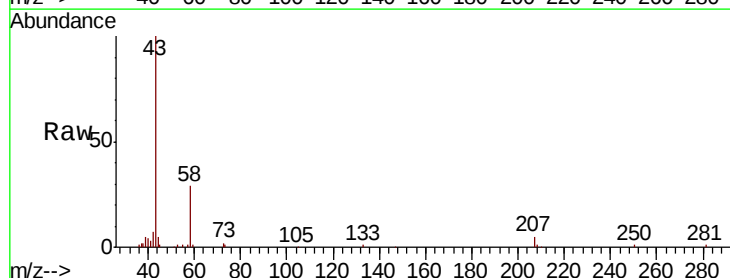
Acq: 22 Jul 2020 17:09

Tgt Ion: 43 Resp: 35465

Ion Ratio Lower Upper

43 100

58 29.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003293.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003293.D (-314) (-)

3.96

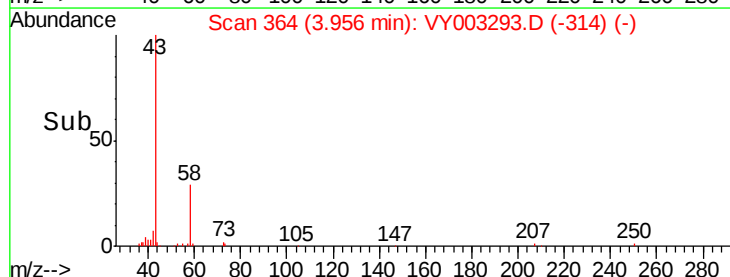
15000

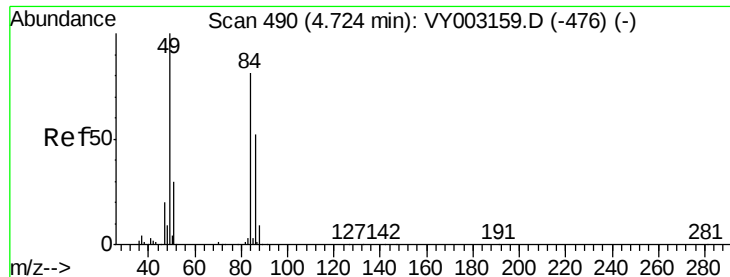
10000

5000

0

Time-->

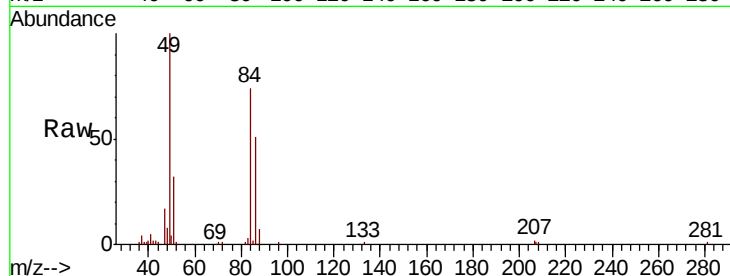




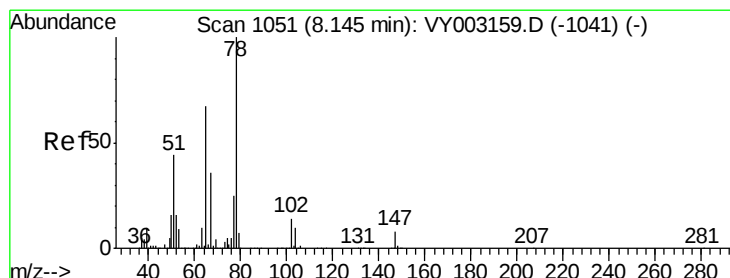
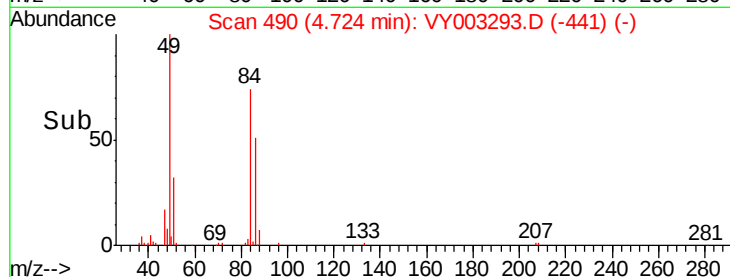
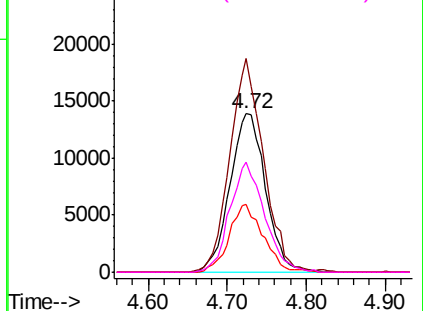
#20
Methvlene Chloride
Concen: 7.450 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003293.D
Acq: 22 Jul 2020 17:09

Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

Tot Ion:	84	Resp:	43731
Ion	Ratio	Lower	Upper
84	100		
49	135.1	98.2	147.4
51	43.3	29.8	44.6
86	69.5	51.2	76.8

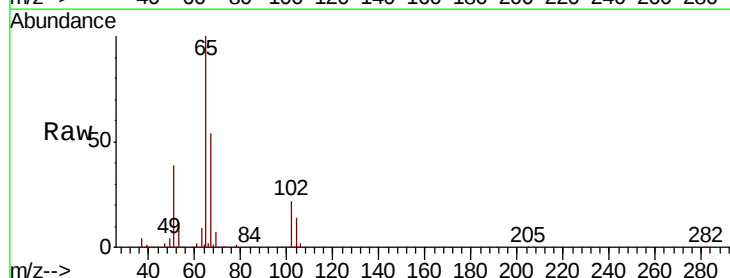


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

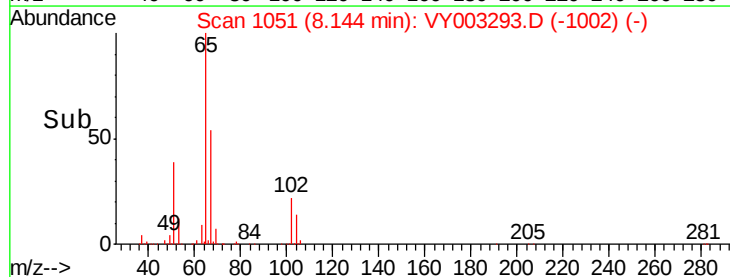
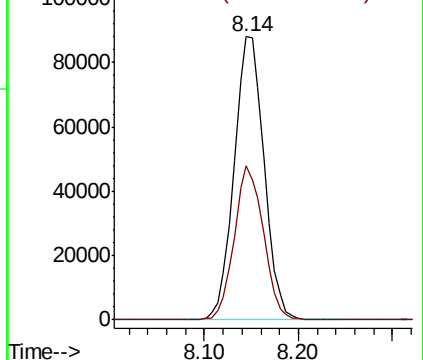


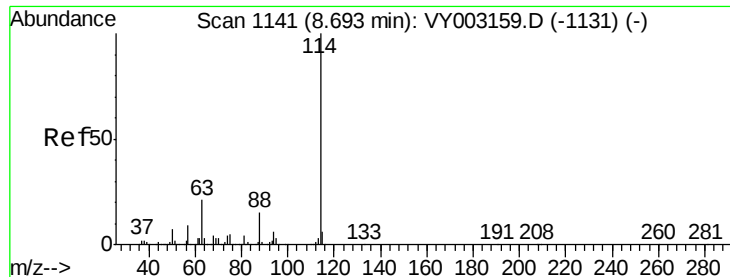
#33
1,2-Dichloroethane-d4
Concen: 60.770 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003293.D
Acq: 22 Jul 2020 17:09

Tgt Ion:	65	Resp:	194997
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

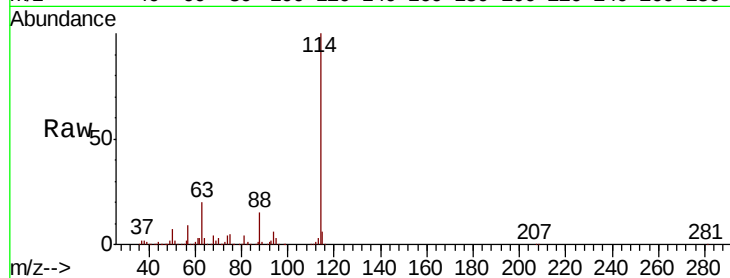




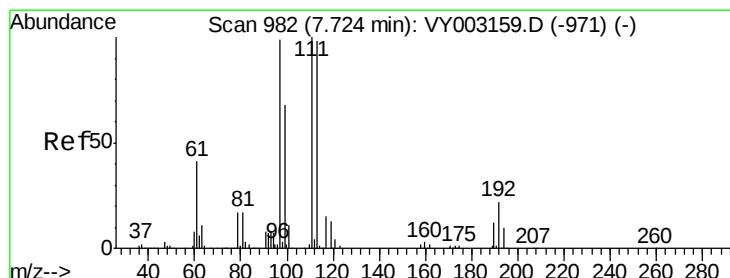
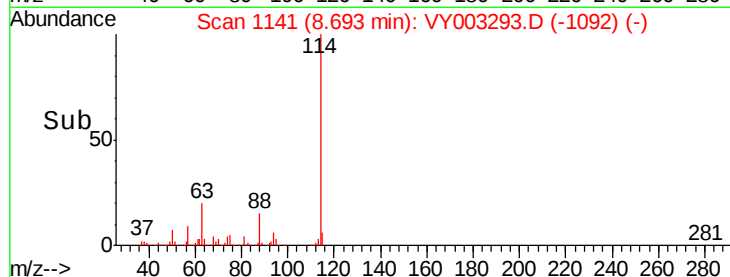
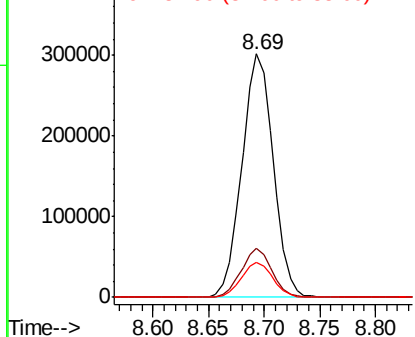
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003293.D
 Acq: 22 Jul 2020 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1ARE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.2
88	14.5	0.0	30.2

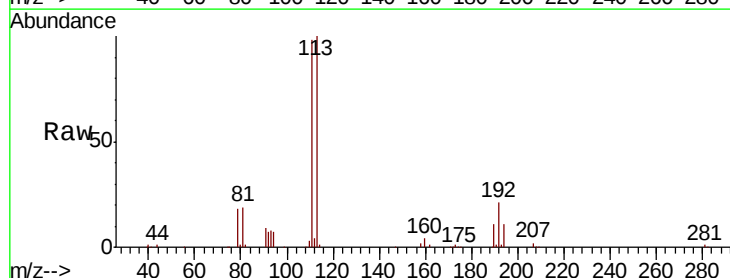


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

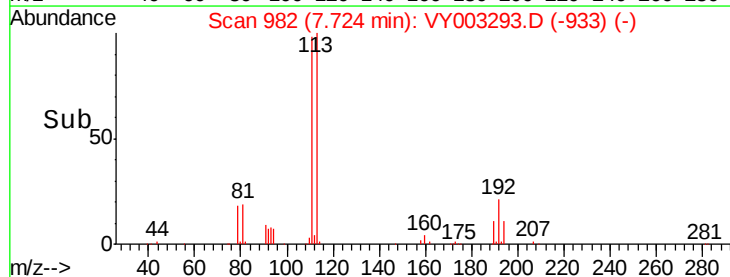
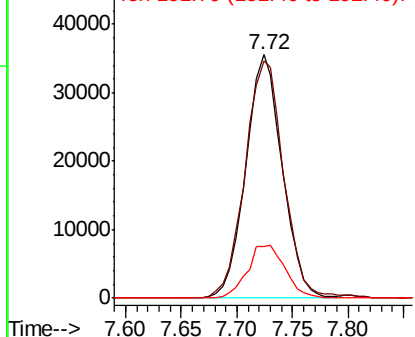


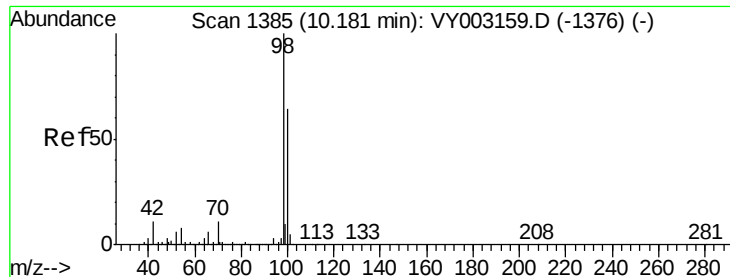
#35
 Dibromofluoromethane
 Concen: 23.781 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003293.D
 Acq: 22 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	22.6	18.8	28.2



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: 56.522 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003293.D

Acq: 22 Jul 2020 17:09

Instrument :

MSVOA_Y

ClientSampleId :

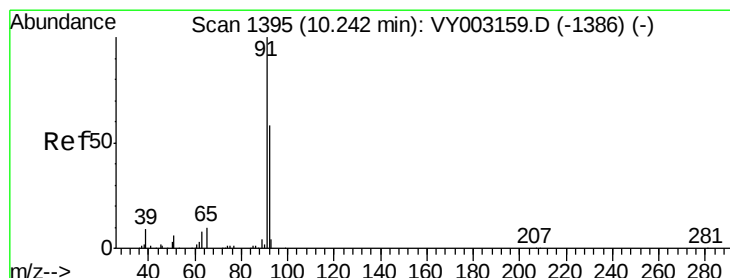
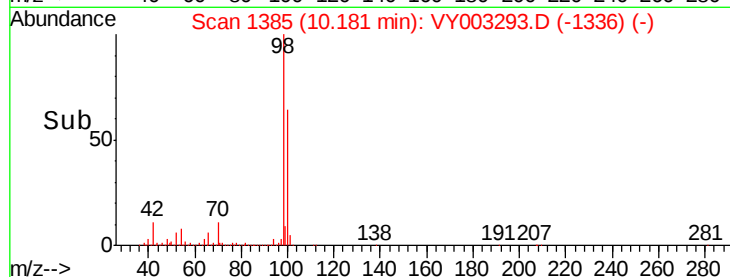
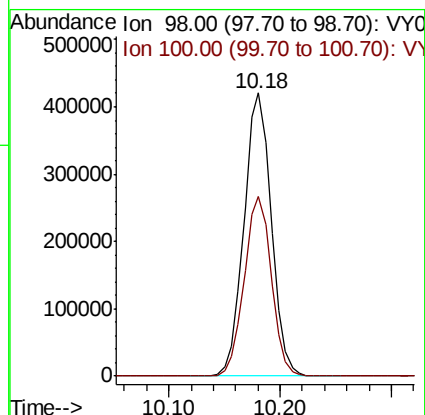
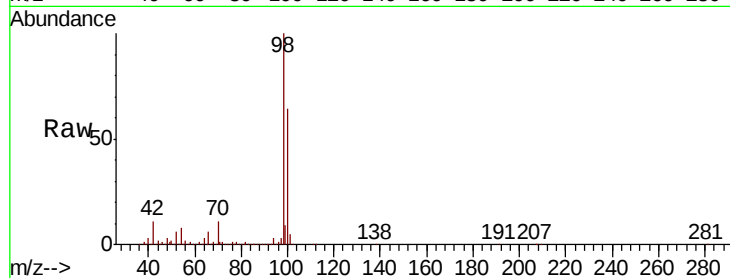
SP-1ARE

Tot Ion: 98 Resp: 715930

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#52

Toluene

Concen: 1.592 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003293.D

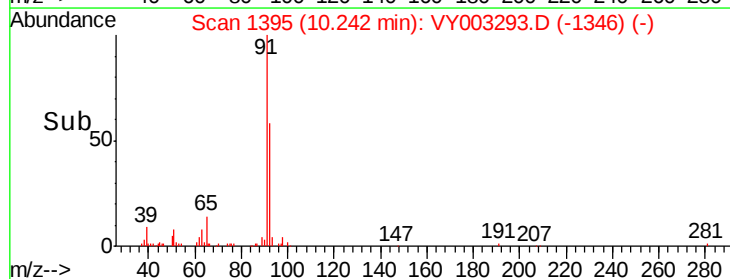
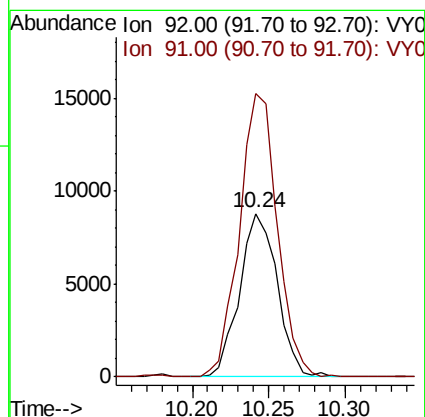
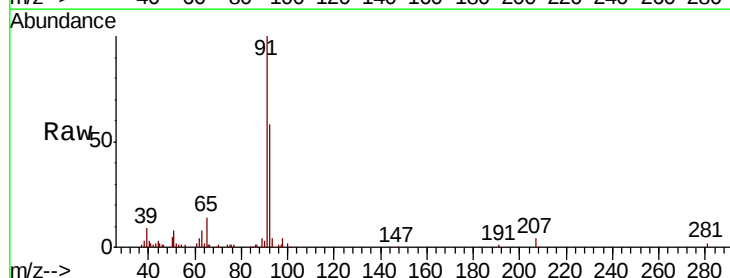
Acq: 22 Jul 2020 17:09

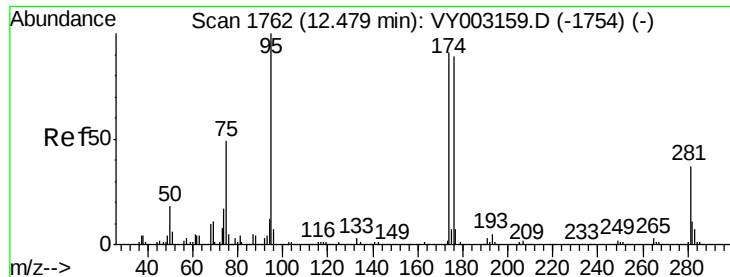
Tgt Ion: 92 Resp: 15037

Ion Ratio Lower Upper

92 100

91 174.1 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 46.736 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003293.D

Acq: 22 Jul 2020 17:09

Instrument :

MSVOA_Y

ClientSampleId :

SP-1ARE

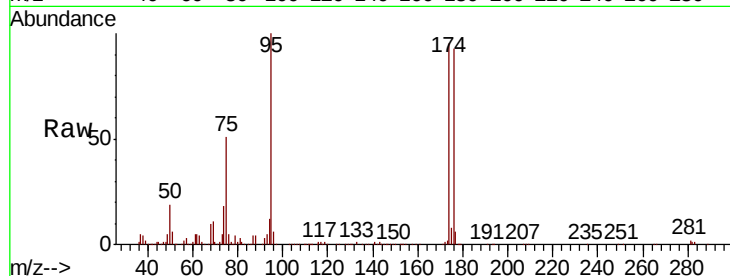
Tot Ion: 95 Resp: 213859

Ion Ratio Lower Upper

95 100

174 96.5 0.0 190.6

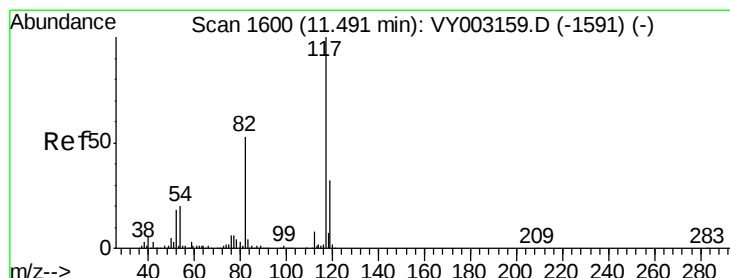
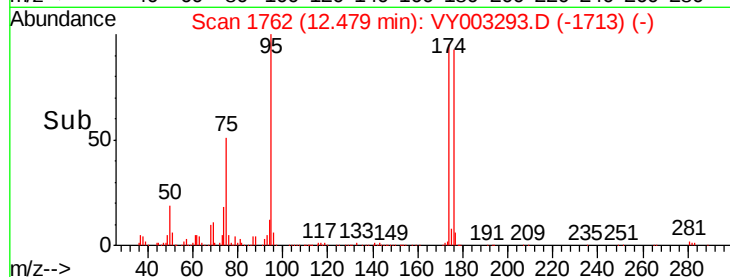
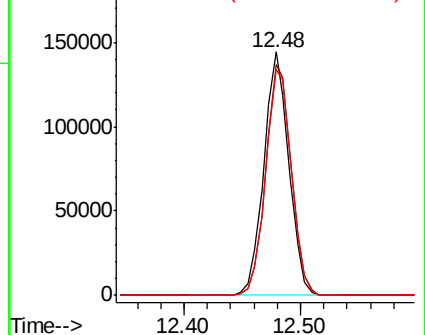
176 95.2 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003293.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003293.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003293.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003293.D

Acq: 22 Jul 2020 17:09

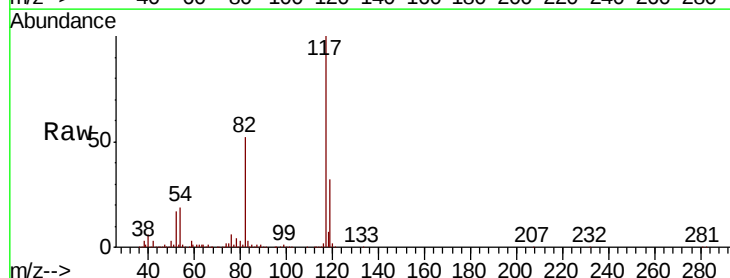
Tgt Ion: 117 Resp: 521506

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

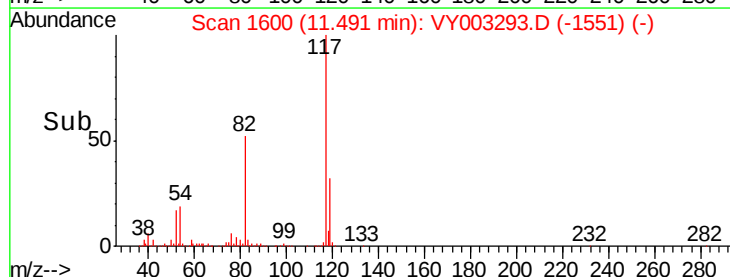
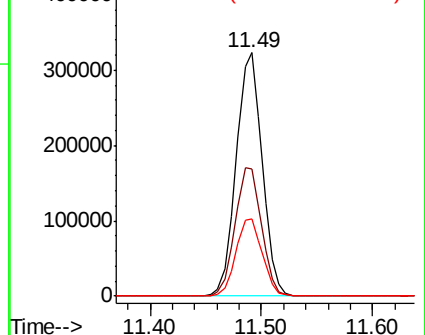
119 31.9 25.5 38.3

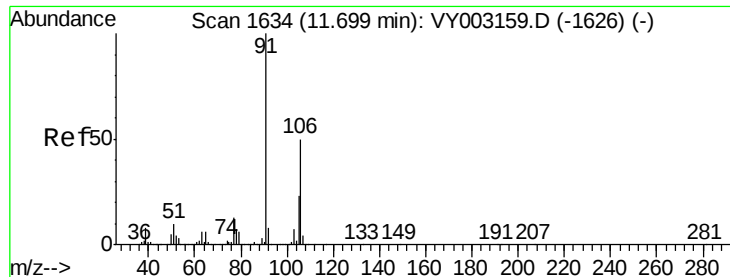


Abundance Ion 116.90 (116.60 to 117.60): VY003293.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003293.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003293.D (-1591) (-)

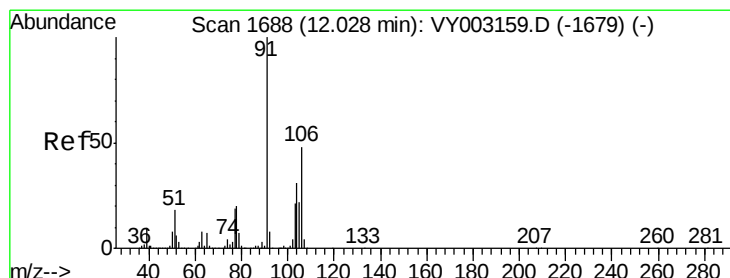
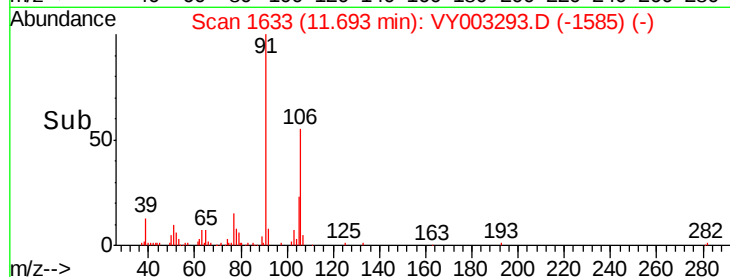
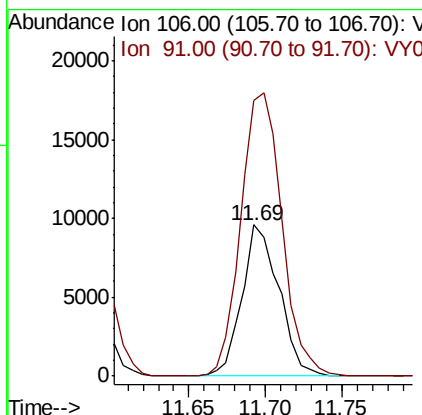
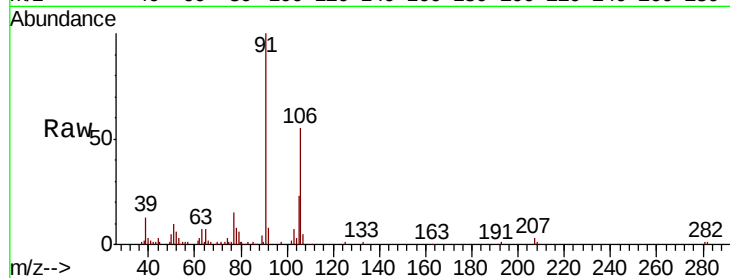




#68
m/p-Xylenes
Concen: 2.372 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY003293.D
Acq: 22 Jul 2020 17:09

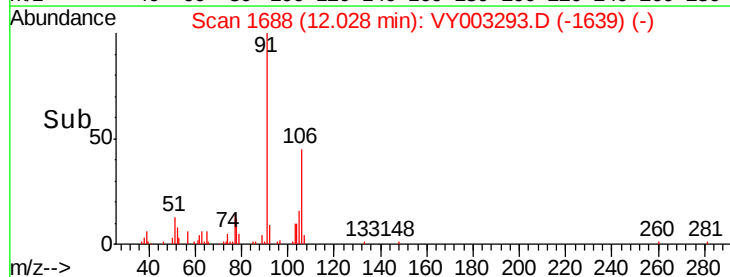
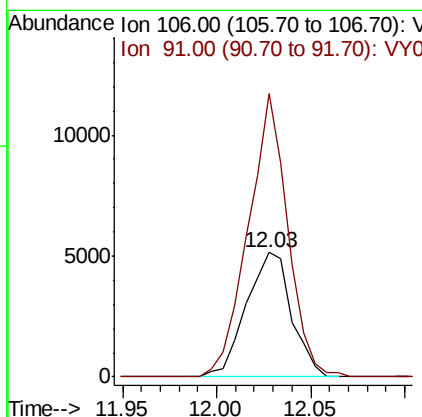
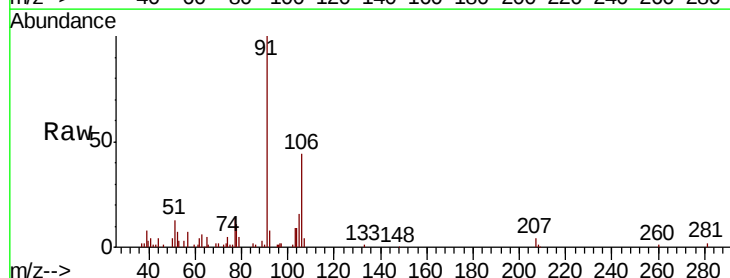
Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

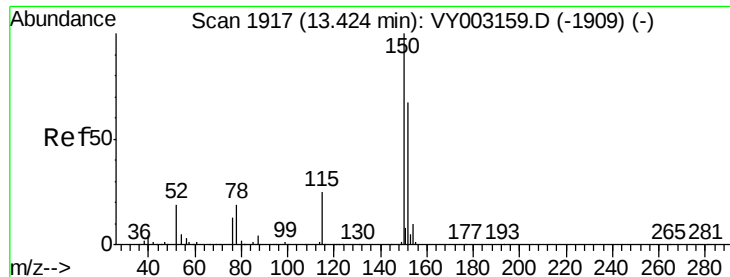
Tot Ion:106 Resp: 16146
Ion Ratio Lower Upper
106 100
91 207.6 159.0 238.6



#69
o-Xylene
Concen: 1.343 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003293.D
Acq: 22 Jul 2020 17:09

Tgt Ion:106 Resp: 8539
Ion Ratio Lower Upper
106 100
91 198.6 105.1 315.1



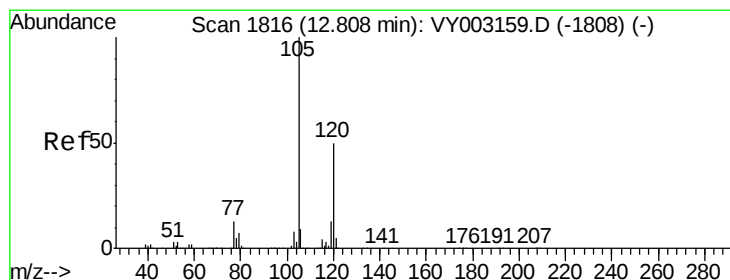
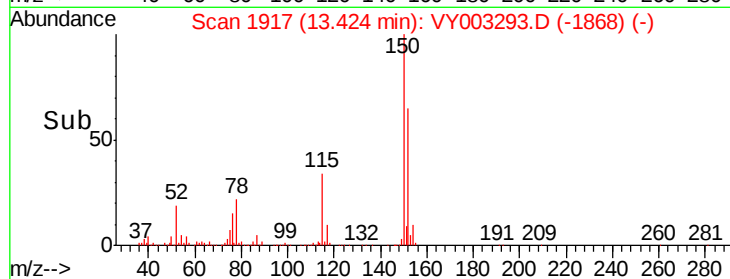
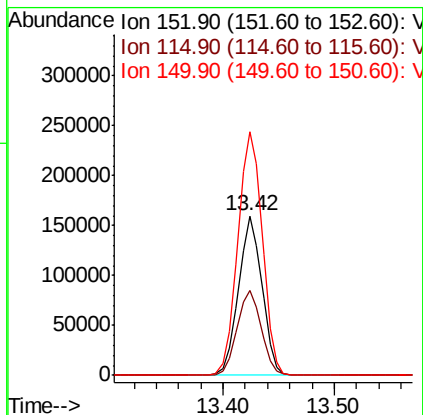
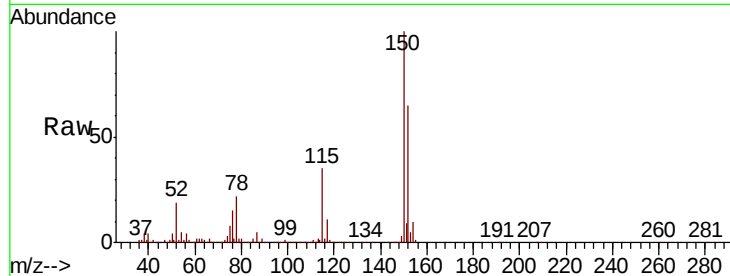


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003293.D
Acq: 22 Jul 2020 17:09

Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

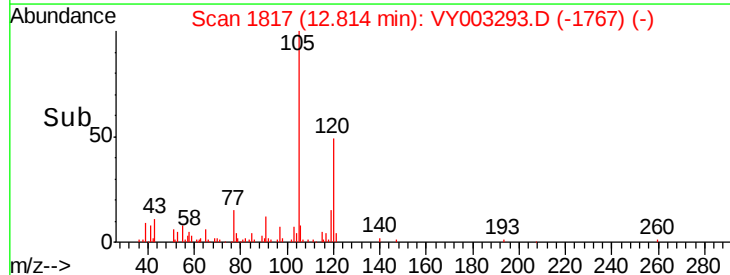
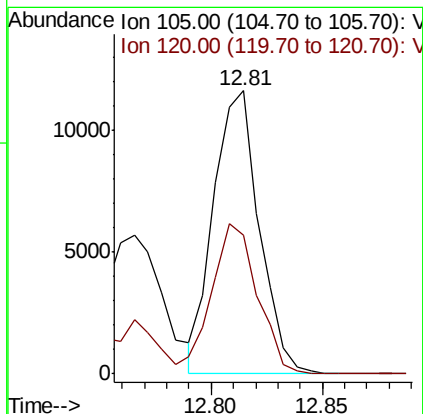
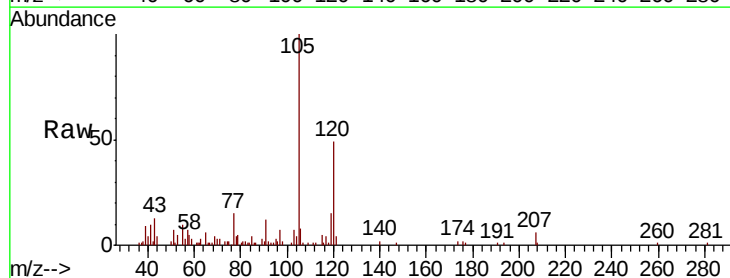
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	26.9	80.7
150	159.1	0.0	338.0

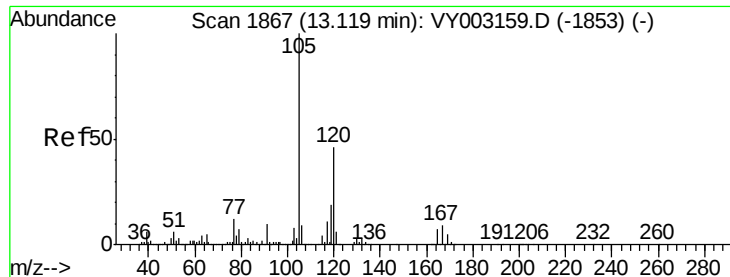


#80

1,3,5-Trimethylbenzene
Concen: 1.334 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003293.D
Acq: 22 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	53.7	24.9	74.6

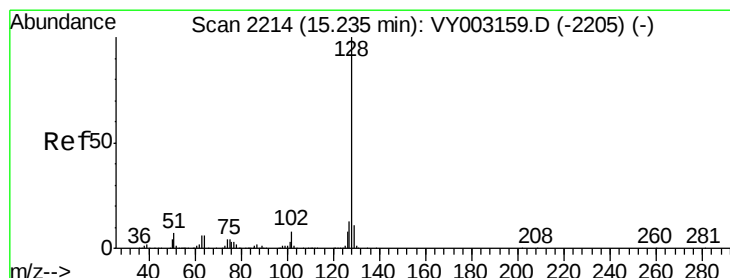
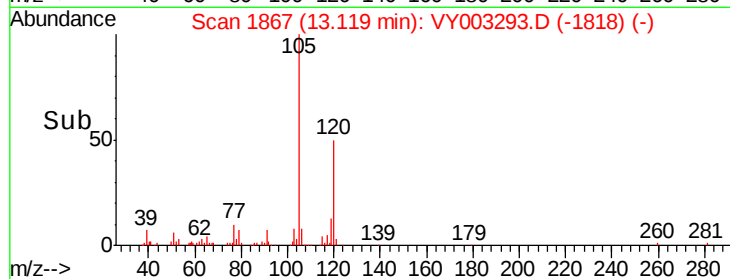
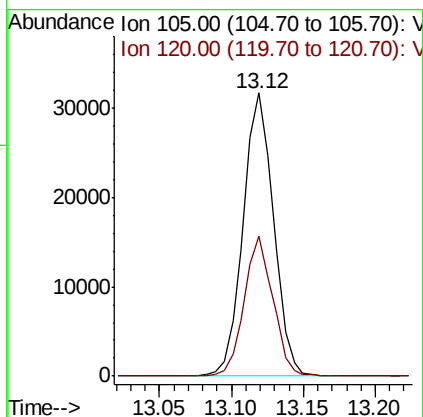
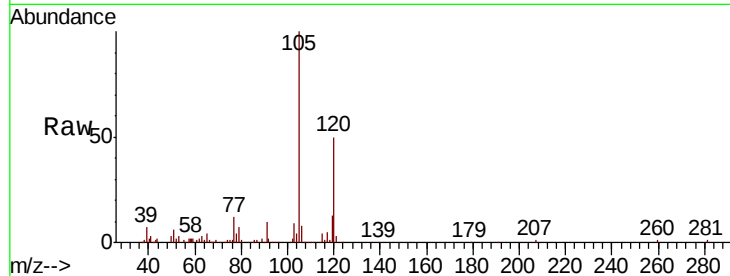




#84
 1,2,4-Trimethylbenzene
 Concen: 3.725 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003293.D
 Acq: 22 Jul 2020 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1ARE

Tot Ion:105 Resp: 46354
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.5 67.5



#95
 Naphthalene
 Concen: 8.814 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY003293.D
 Acq: 22 Jul 2020 17:09

Tgt Ion:128 Resp: 65047
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.9 16.3
 129 10.9 9.0 13.6

