

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003015.D
 Acq On : 29 Jun 2020 18:42
 Operator : SY/MD
 Sample : L3148-03
 Misc : 6.68G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-03

Quant Time: Jun 30 07:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	362181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	579445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	513821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215851	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	197466	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
35) Dibromofluoromethane	7.72	113	188795	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
50) Toluene-d8	10.18	98	693777	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.48	95	216957	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

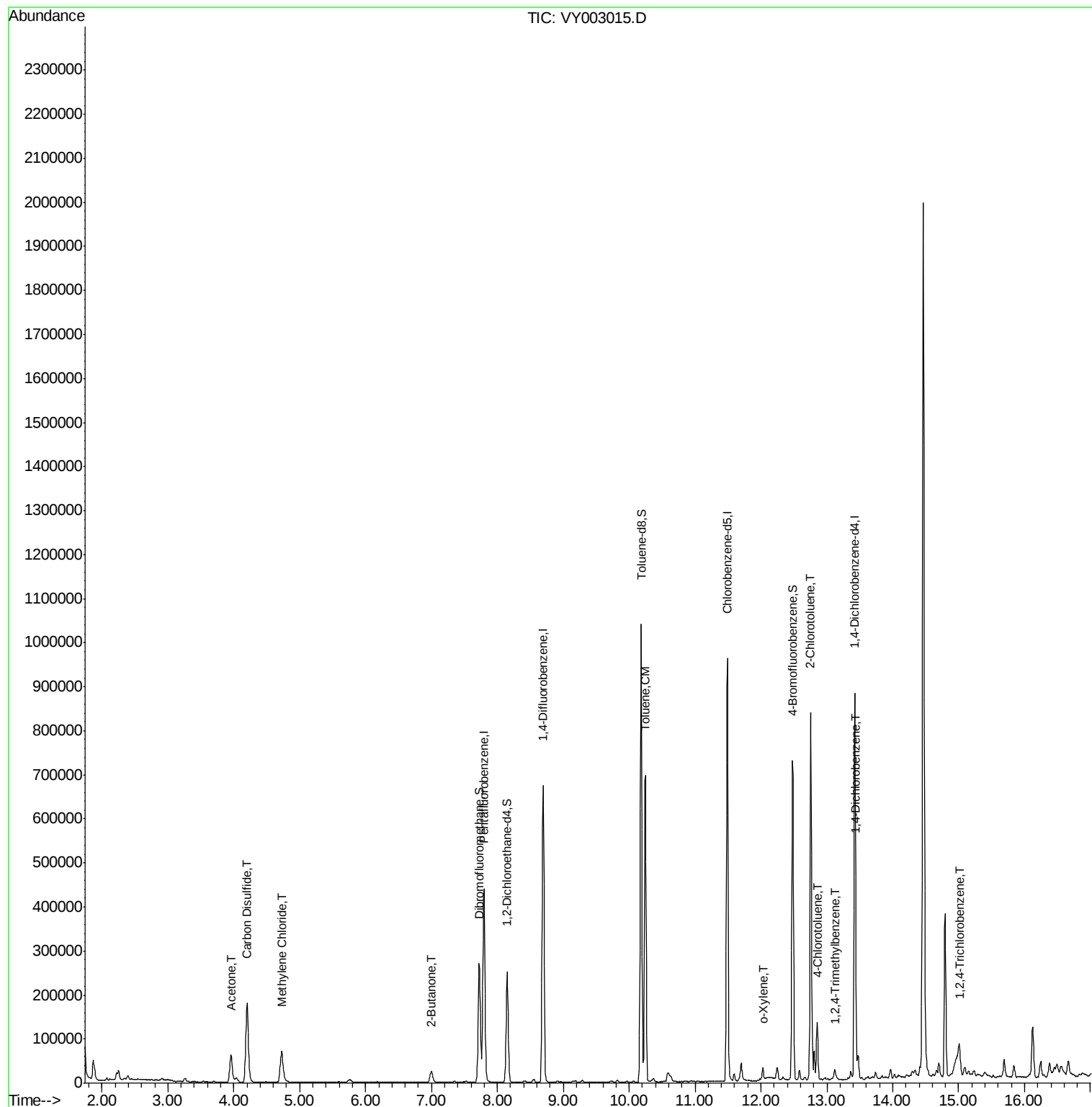
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	106816	125.905	ug/l	99
17) Carbon Disulfide	4.20	76	358187	35.684	ug/l	96
20) Methylene Chloride	4.72	84	51414	7.681	ug/l	90
25) 2-Butanone	7.00	43	43356	32.171	ug/l	98
52) Toluene	10.25	92	291633	30.318	ug/l	100
69) o-Xylene	12.03	106	6942	1.068	ug/l	93
79) 2-Chlorotoluene	12.75	91	450549	47.511	ug/l	98
82) 4-Chlorotoluene	12.86	91	71064	7.198	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	12583	1.053	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	19857	2.978	ug/l	82
93) 1,2,4-Trichlorobenzene	15.00	180	9224	2.046	ug/l	95

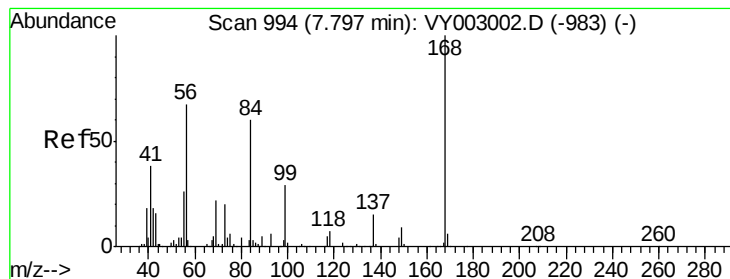
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003015.D
Acq On : 29 Jun 2020 18:42
Operator : SY/MD
Sample : L3148-03
Misc : 6.68G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-03

Quant Time: Jun 30 07:05:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 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: VY003015.D

Acq: 29 Jun 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

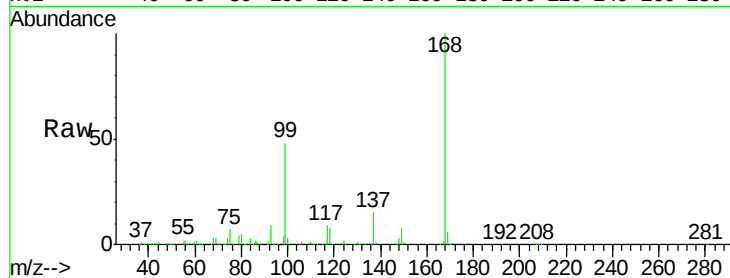
EPEC-POLYMERS-03

Tot Ion:168 Resp: 362181

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

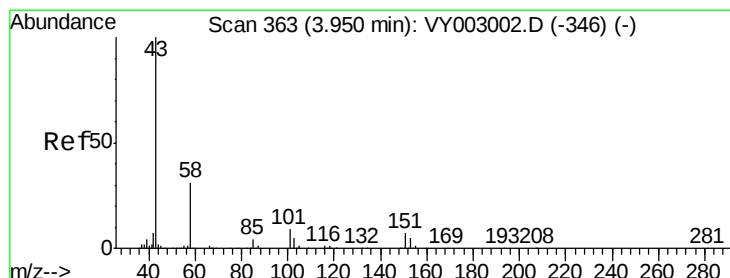
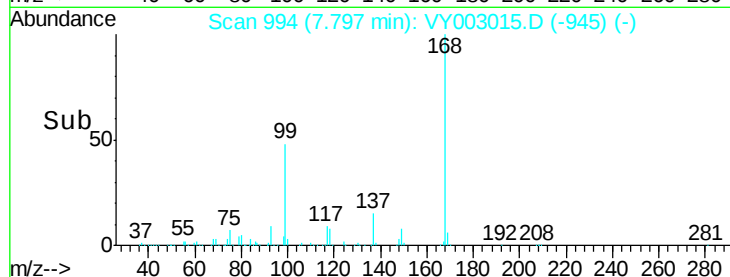
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 125.905 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003015.D

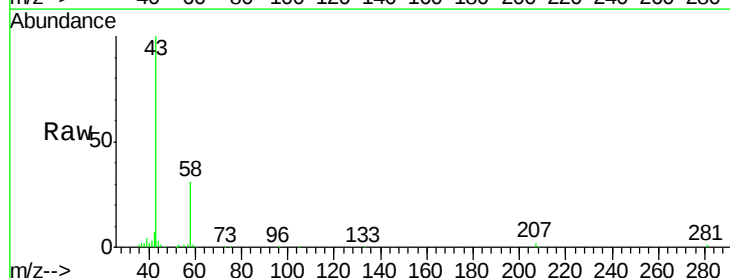
Acq: 29 Jun 2020 18:42

Tgt Ion: 43 Resp: 106816

Ion Ratio Lower Upper

43 100

58 31.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

40000

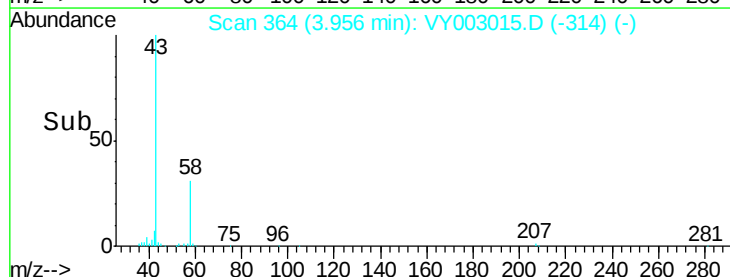
30000

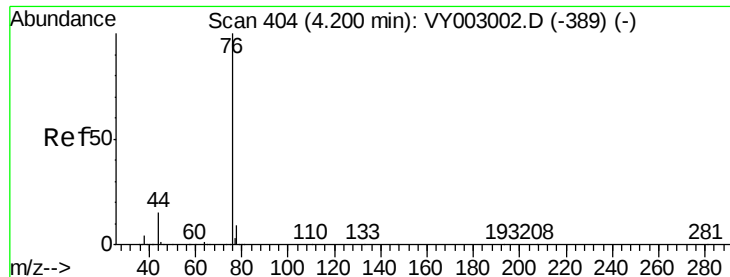
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 35.684 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003015.D

Acq: 29 Jun 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

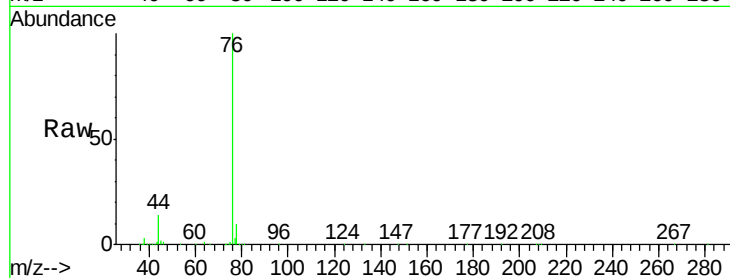
EPEC-POLYMERS-03

Tot Ion: 76 Resp: 358187

Ion Ratio Lower Upper

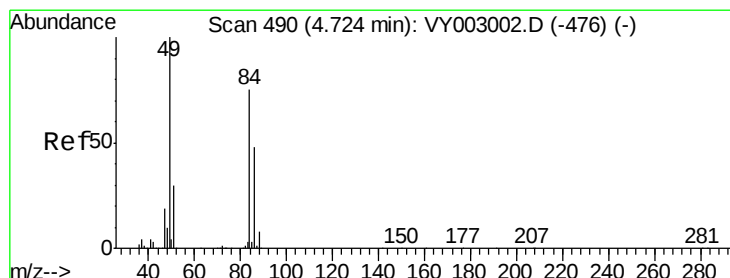
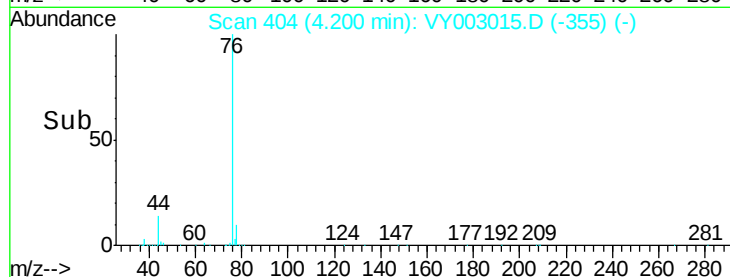
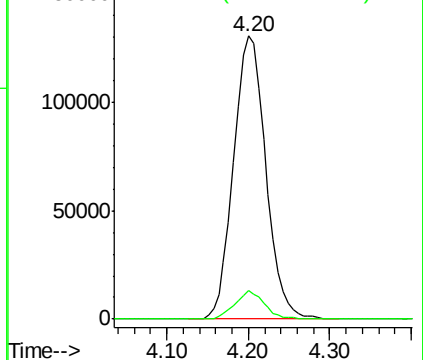
76 100

78 10.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: 7.681 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003015.D

Acq: 29 Jun 2020 18:42

Tgt Ion: 84 Resp: 51414

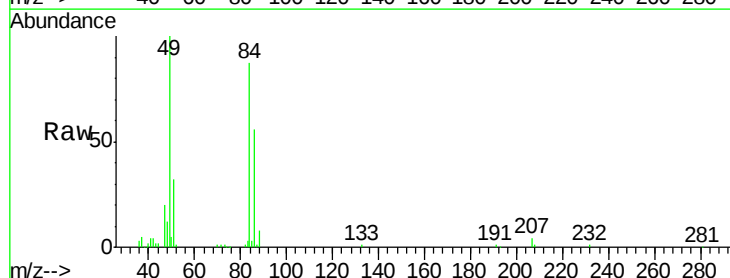
Ion Ratio Lower Upper

84 100

49 114.9 106.8 160.2

51 36.9 32.0 48.0

86 64.7 51.4 77.2

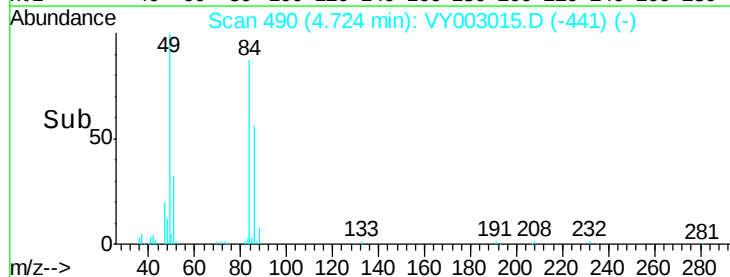
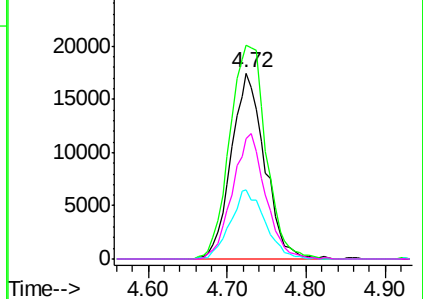


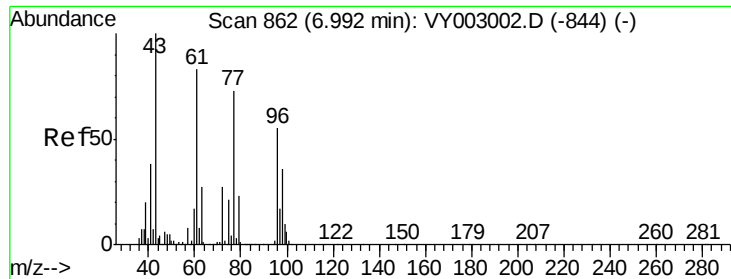
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

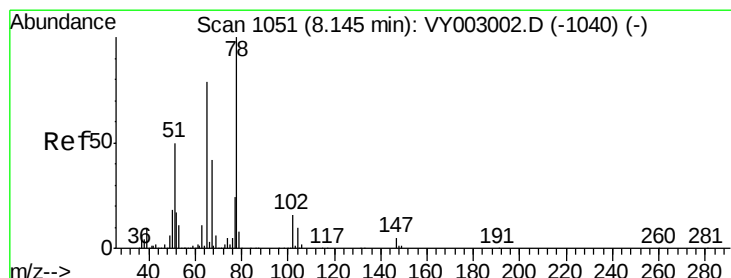
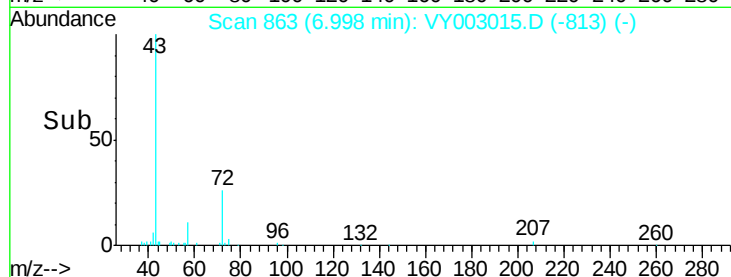
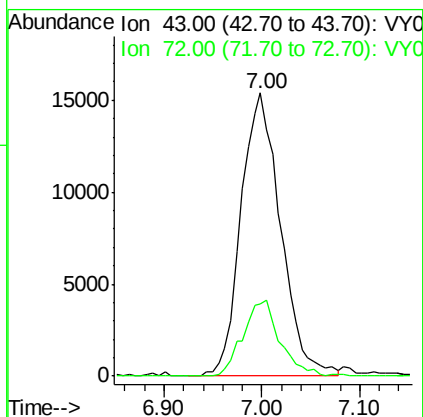
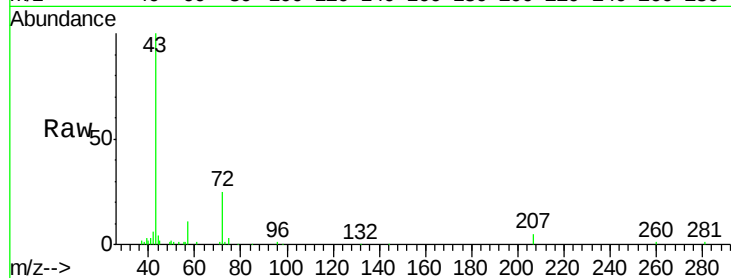




#25
2-Butanone
Concen: 32.171 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003015.D
Acq: 29 Jun 2020 18:42

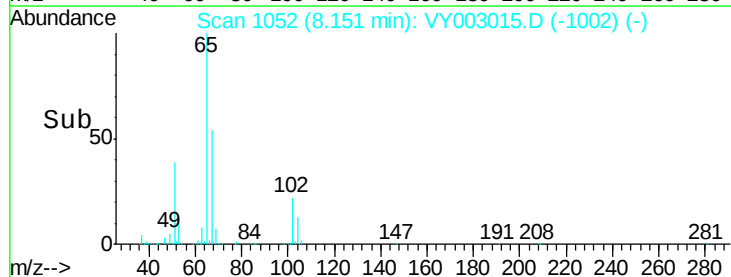
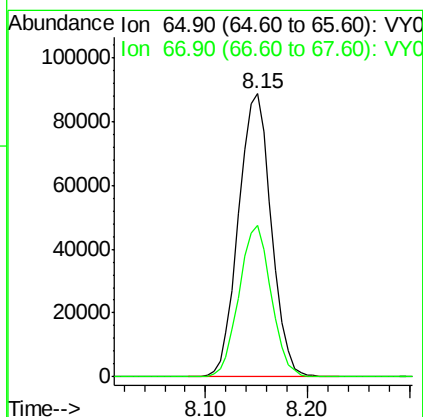
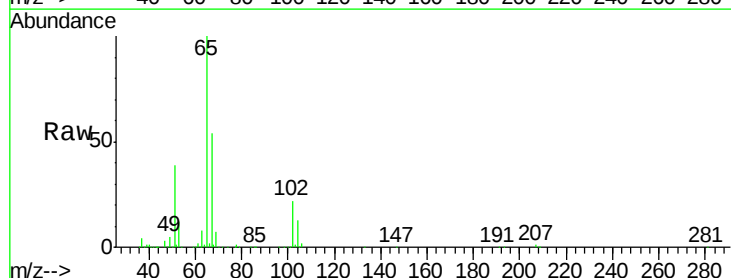
Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-03

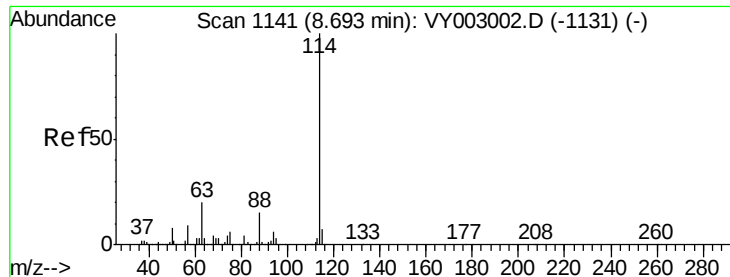
Tot Ion: 43 Resp: 43356
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 54.895 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003015.D
Acq: 29 Jun 2020 18:42

Tgt Ion: 65 Resp: 197466
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6

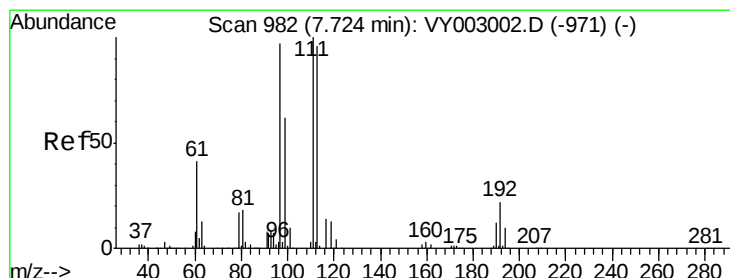
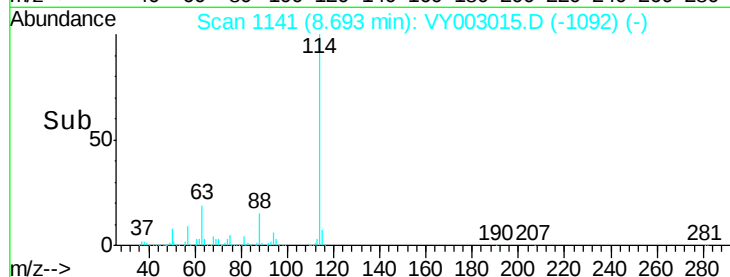
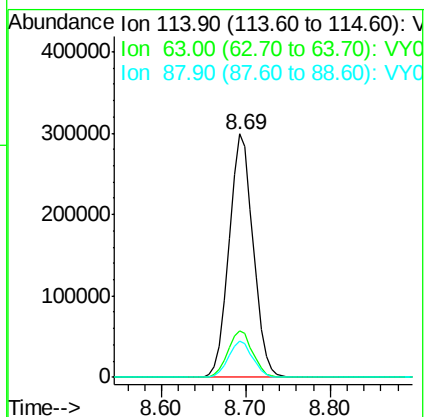
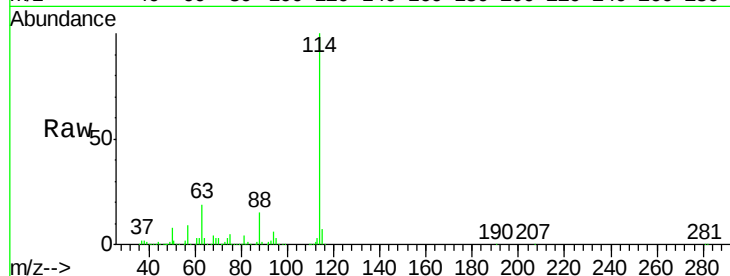




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003015.D
 Acq: 29 Jun 2020 18:42

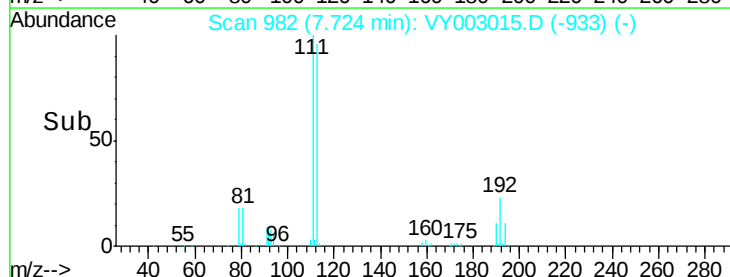
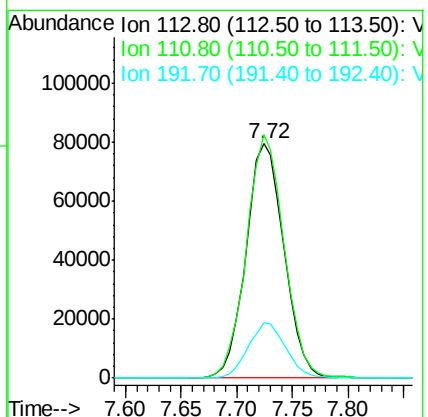
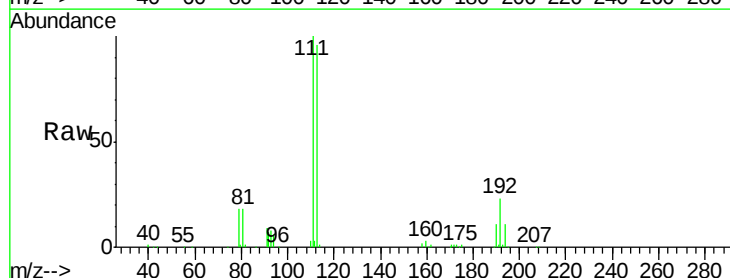
Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-03

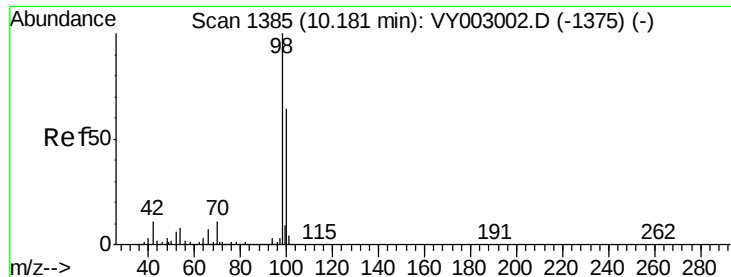
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.6
88	14.9	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 52.230 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003015.D
 Acq: 29 Jun 2020 18:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	23.6	18.1	27.1





#50

Toluene-d8

Concen: 51.520 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003015.D

Acq: 29 Jun 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

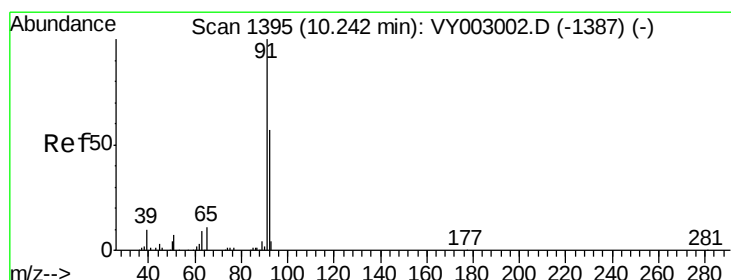
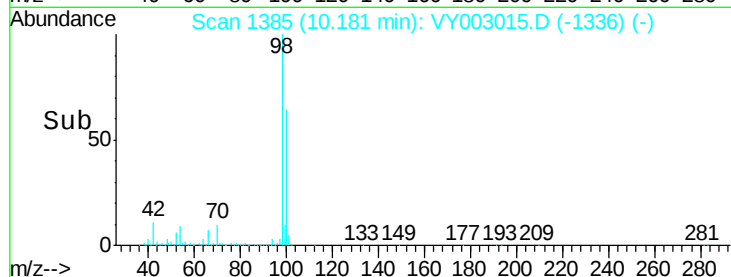
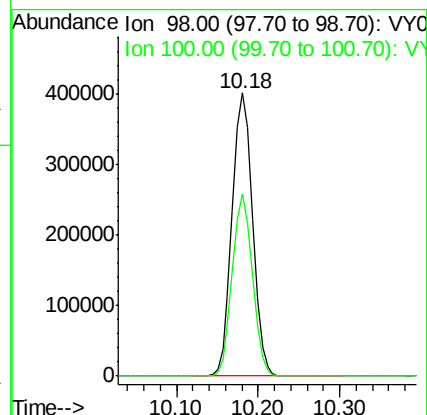
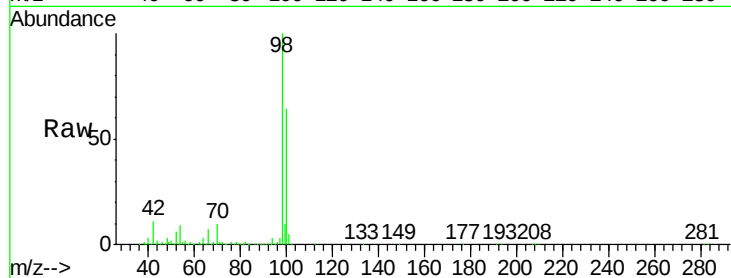
EPEC-POLYMERS-03

Tot Ion: 98 Resp: 693777

Ion Ratio Lower Upper

98 100

100 63.1 51.1 76.7



#52

Toluene

Concen: 30.318 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003015.D

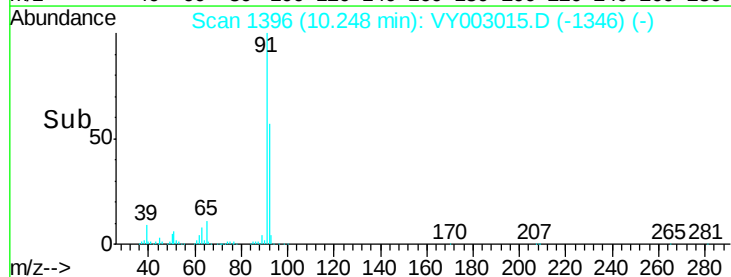
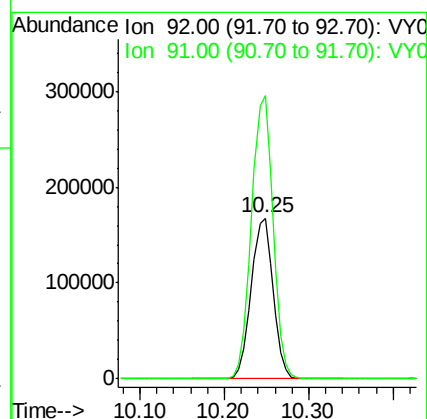
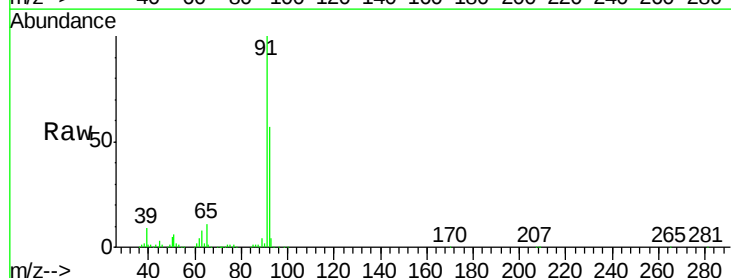
Acq: 29 Jun 2020 18:42

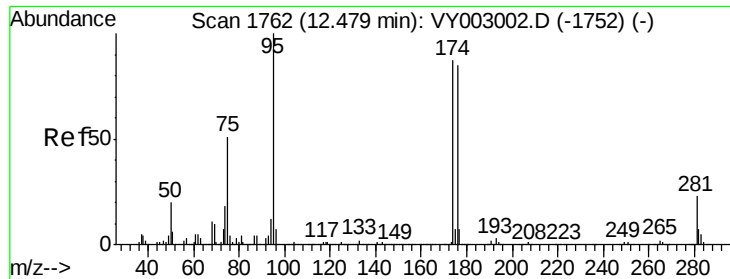
Tgt Ion: 92 Resp: 291633

Ion Ratio Lower Upper

92 100

91 173.9 139.6 209.4

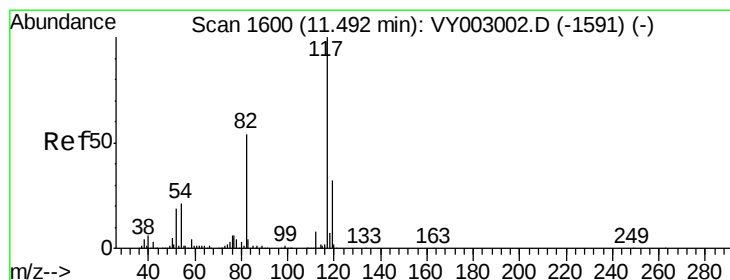
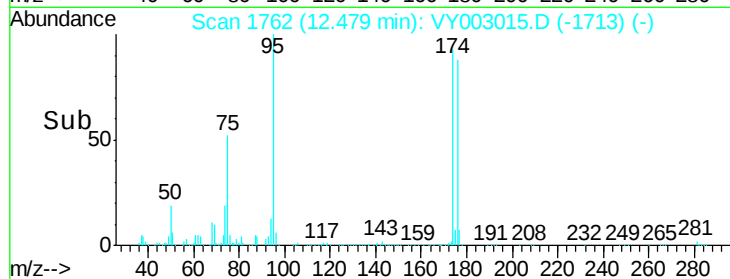
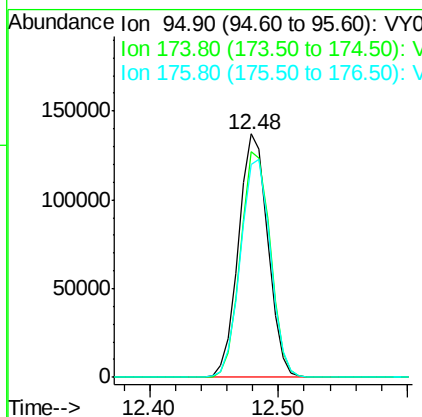
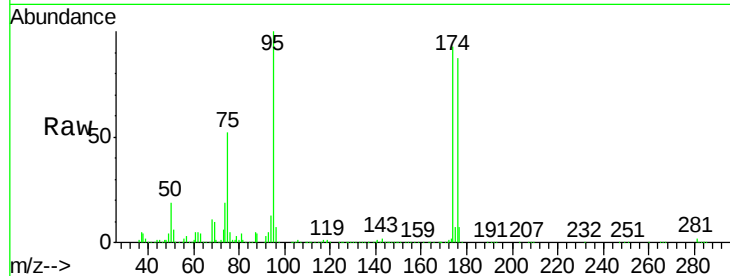




#62
4-Bromofluorobenzene
Concen: 45.770 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003015.D
Acq: 29 Jun 2020 18:42

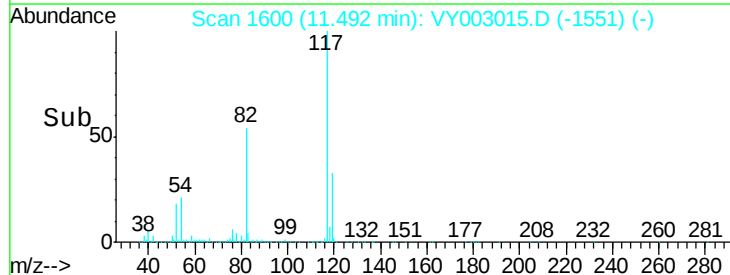
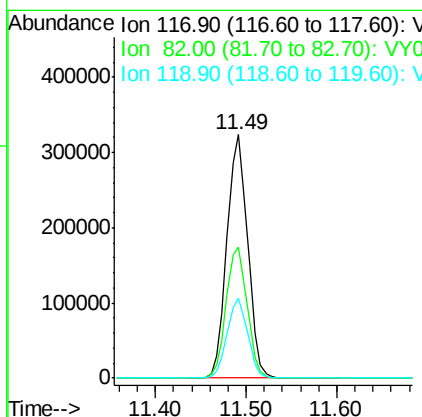
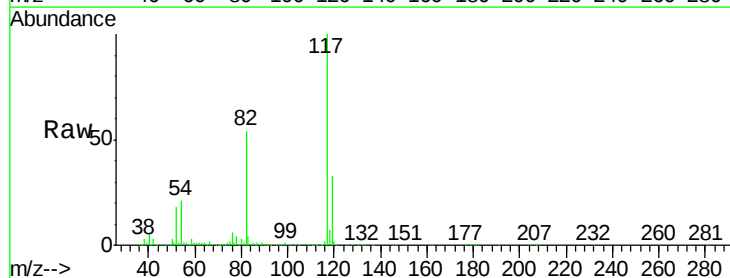
Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-03

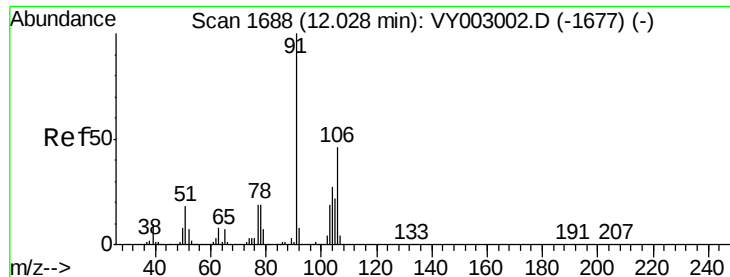
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	184.8
176	90.9	0.0	183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003015.D
Acq: 29 Jun 2020 18:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.6
119	32.6	25.8	38.8

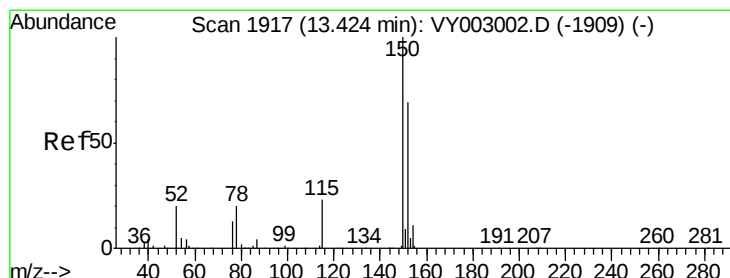
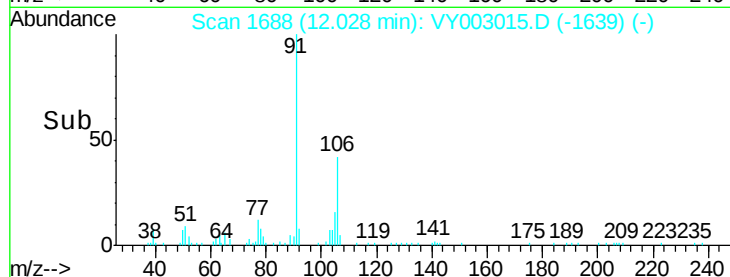
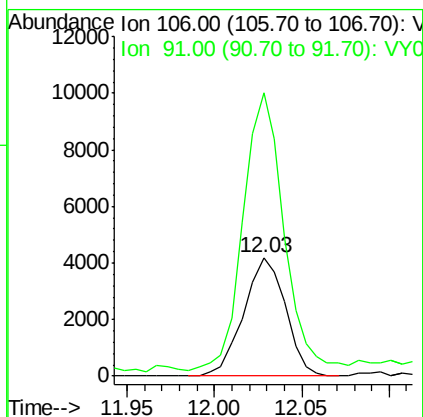
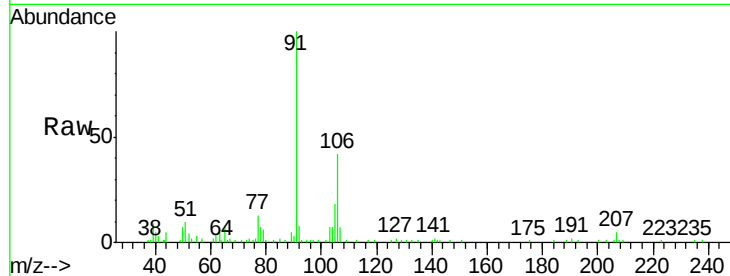




#69
o-Xylene
Concen: 1.068 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003015.D
Acq: 29 Jun 2020 18:42

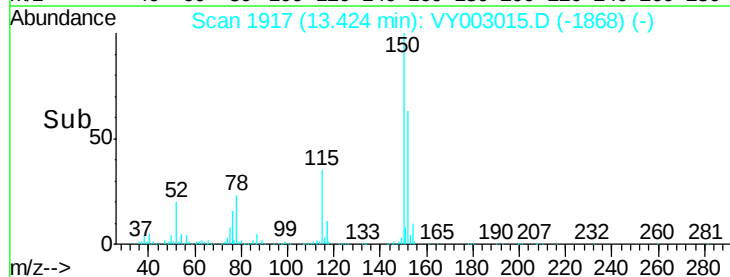
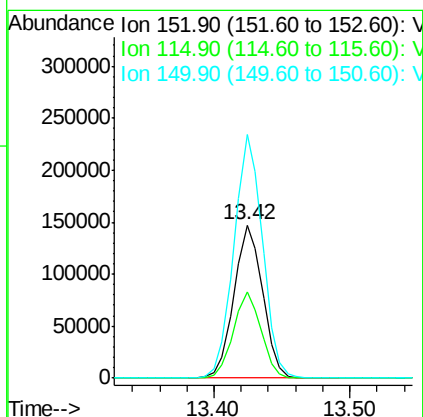
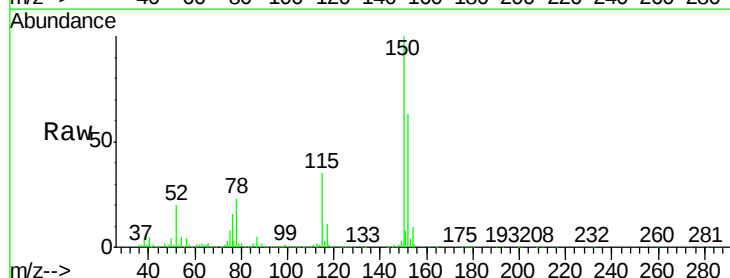
Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-03

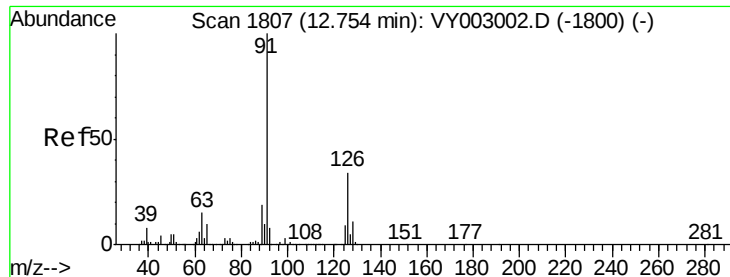
Tot Ion:106 Resp: 6942
Ion Ratio Lower Upper
106 100
91 227.8 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003015.D
Acq: 29 Jun 2020 18:42

Tgt Ion:152 Resp: 215851
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 158.4 0.0 343.4





#79

2-Chlorotoluene

Concen: 47.511 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003015.D

Acq: 29 Jun 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

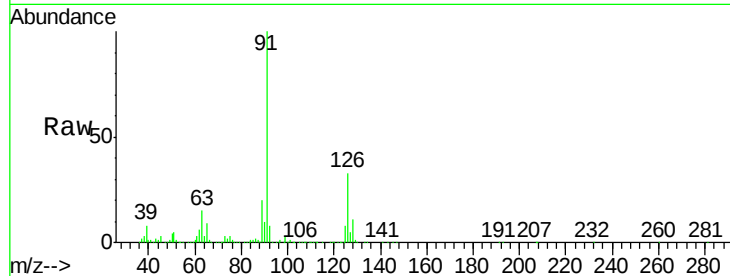
EPEC-POLYMERS-03

Tot Ion: 91 Resp: 450549

Ion Ratio Lower Upper

91 100

126 35.2 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

12.75

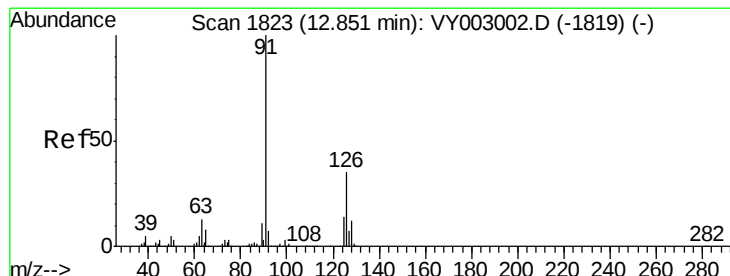
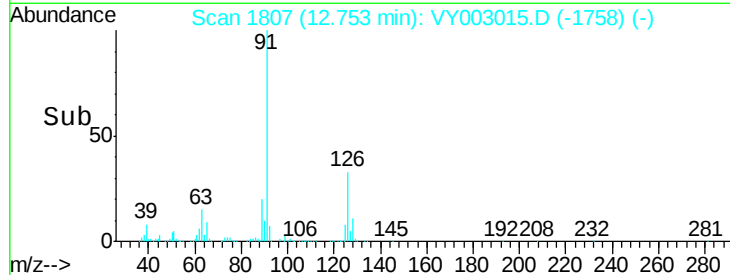
300000

200000

100000

0

Time-->



#82

4-Chlorotoluene

Concen: 7.198 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003015.D

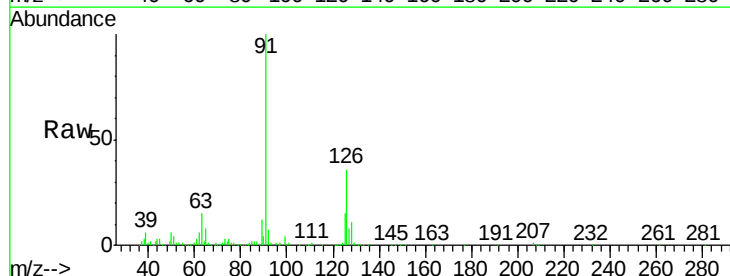
Acq: 29 Jun 2020 18:42

Tgt Ion: 91 Resp: 71064

Ion Ratio Lower Upper

91 100

126 35.7 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

12.86

50000

40000

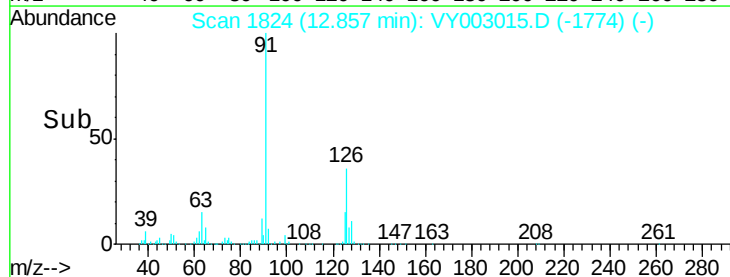
30000

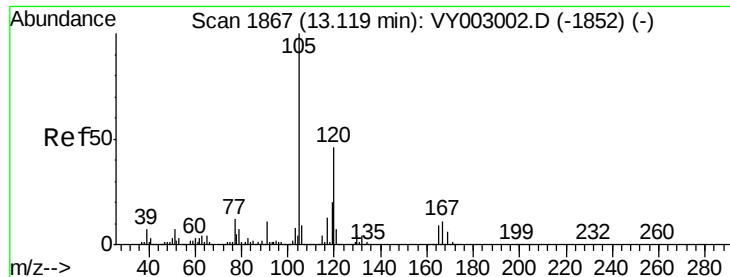
20000

10000

0

Time-->

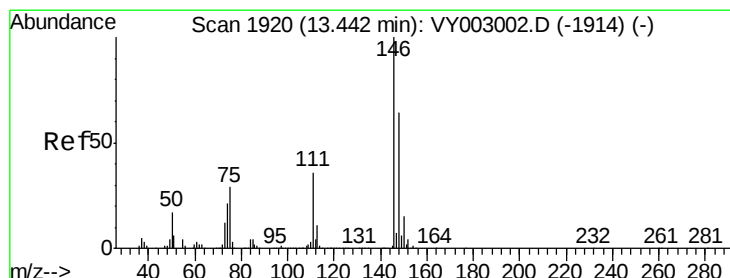
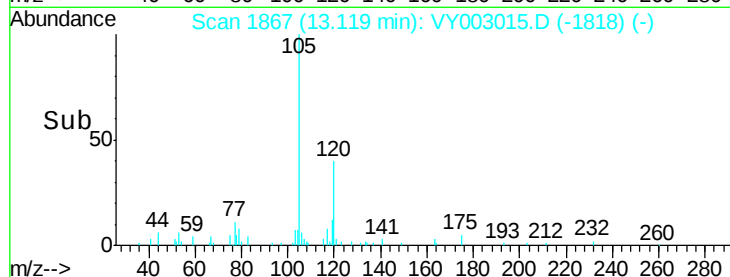
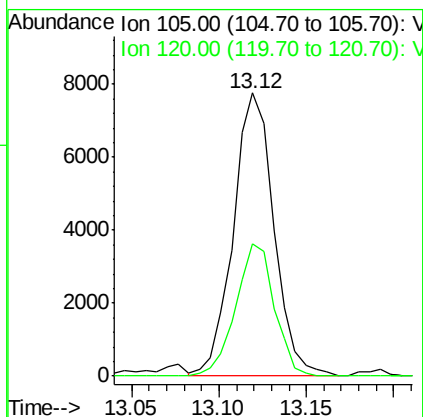
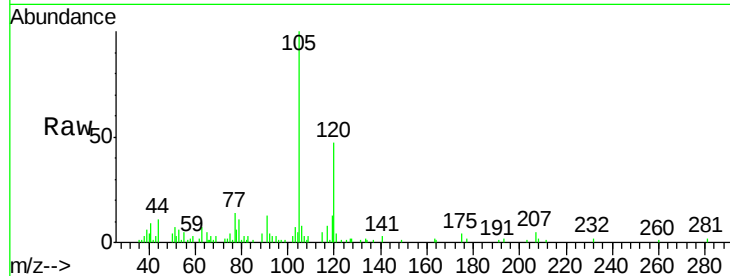




#84
1,2,4-Trimethylbenzene
Concen: 1.053 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003015.D
Acq: 29 Jun 2020 18:42

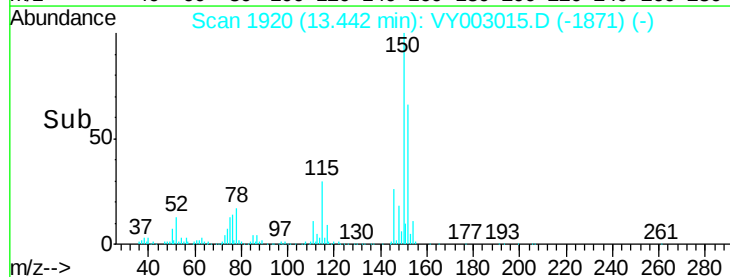
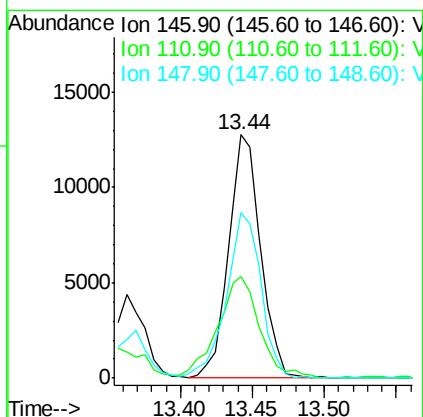
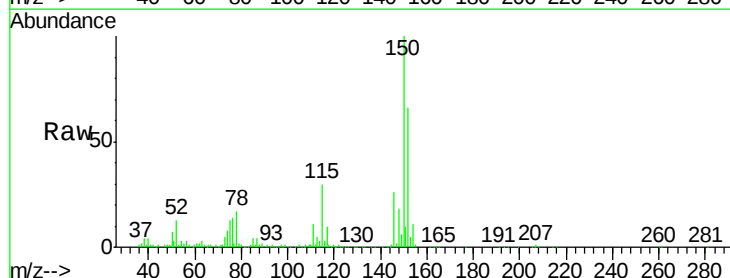
Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-03

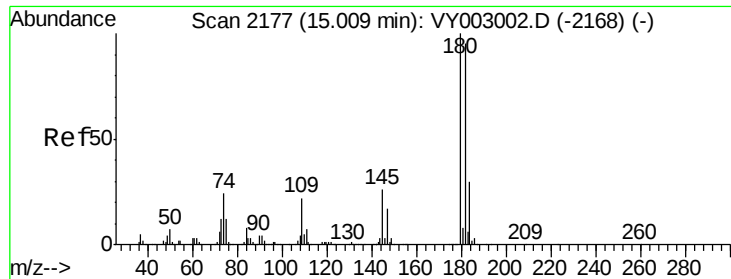
Tot Ion:105 Resp: 12583
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.8



#88
1,4-Dichlorobenzene
Concen: 2.978 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VY003015.D
Acq: 29 Jun 2020 18:42

Tgt Ion:146 Resp: 19857
Ion Ratio Lower Upper
146 100
111 54.6 18.4 55.4
148 73.0 32.3 96.9





#93
 1,2,4-Trichlorobenzene
 Concen: 2.046 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003015.D
 Acq: 29 Jun 2020 18:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-03

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.7	48.1	144.3
145	31.3	13.9	41.6

