

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003016.D
 Acq On : 29 Jun 2020 19:06
 Operator : SY/MD
 Sample : L3148-04
 Misc : 6.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-04

Quant Time: Jun 30 05:59:53 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	357685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	567818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	469662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	188149	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	193236	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	7.72	113	187054	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
50) Toluene-d8	10.18	98	659075	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.49	95	168756	36.33	ug/l	0.00
Spiked Amount			Recovery	=	72.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	2291	1.224	ug/l	98
11) Tert butyl alcohol	4.98	59	916	2.530	ug/l #	73
13) Acrolein	3.73	56	577	1.774	ug/l #	14
16) Acetone	3.96	43	70974	84.709	ug/l	97
17) Carbon Disulfide	4.21	76	34791	3.510	ug/l	99
20) Methylene Chloride	4.72	84	69261	13.426	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	4811	1.371	ug/l	92
25) 2-Butanone	7.00	43	29110	21.872	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	12320	3.130	ug/l	83
31) Cyclohexane	7.79	56	21215	3.395	ug/l #	70
36) 1,1-Dichloropropene	7.80	75	26706	4.883	ug/l #	48
37) Ethyl Acetate	7.00	43	29110	8.852	ug/l #	33
38) Carbon Tetrachloride	7.80	117	31465	5.529	ug/l #	17
39) Methylcyclohexane	9.19	83	85711	12.639	ug/l	100
40) Benzene	8.16	78	1049430	70.084	ug/l	100
42) 1,2-Dichloroethane	8.16	62	9224	1.947	ug/l	82
46) Dibromomethane	9.28	93	6569	2.920	ug/l #	1
48) Methyl methacrylate	9.25	41	3046	1.070	ug/l #	13
49) 1,4-Dioxane	9.29	88	13156	478.997	ug/l #	34
51) 4-Methyl-2-Pentanone	10.07	43	3730	1.154	ug/l	96
52) Toluene	10.25	92	7230086	767.027	ug/l	93
53) t-1,3-Dichloropropene	10.25	75	85734	14.843	ug/l #	1
55) 1,1,2-Trichloroethane	10.62	97	59440	19.011	ug/l #	20
56) Ethyl methacrylate	10.52	69	36869	8.146	ug/l #	27
59) 2-Hexanone	10.80	43	54612	24.181	ug/l #	25
65) Chlorobenzene	11.52	112	8877060	958.558	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.55	131	5441	1.505	ug/l #	32
67) Ethyl Benzene	11.60	91	1880154	110.975	ug/l	99
68) m/p-Xylenes	11.70	106	1829926	290.210	ug/l	99
69) o-Xylene	12.03	106	12344327	2077.517	ug/l	57
70) Styrene	12.03	104	663877	65.400	ug/l #	1
73) Isopropylbenzene	12.33	105	271174	22.022	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	6078	2.446	ug/l #	26
76) 1,2,3-Trichloropropane	12.79	75	7728441	4150.387	ug/l #	100

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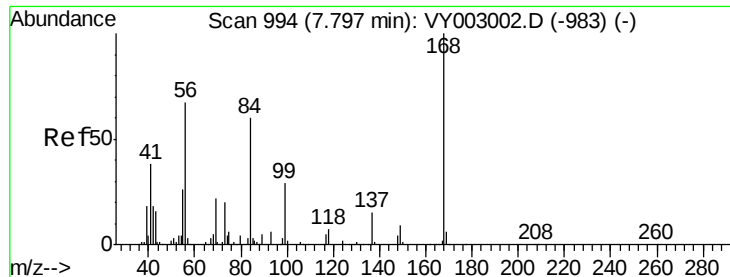
Instrument :
 MSVOA_Y
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.59	91	505580	34.141	uq/l #	56
79) 2-Chlorotoluene	12.75	91	3730085	451.260	uq/l #	40
80) 1,3,5-Trimethylbenzene	12.81	105	89849	8.695	uq/l	94
81) trans-1,4-Dichloro-2-buten	12.49	75	86658	90.543	uq/l #	12
82) 4-Chlorotoluene	12.75	91	3730085	433.421	uq/l #	40
83) tert-Butylbenzene	13.13	119	68415	7.540	uq/l #	27
84) 1,2,4-Trimethylbenzene	13.13	105	564001	54.169	uq/l	99
85) sec-Butylbenzene	13.37	105	33557	2.683	uq/l #	1
86) p-Isopropyltoluene	13.37	119	816141	70.429	uq/l	98
87) 1,3-Dichlorobenzene	13.37	146	7095403	1203.761	uq/l	98
88) 1,4-Dichlorobenzene	13.45	146	4002609	688.648	uq/l	100
90) Hexachloroethane	13.97	117	4516	1.963	uq/l #	6
91) 1,2-Dichlorobenzene	13.74	146	146289	27.662	uq/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	8635029	19629.973	uq/l #	1
93) 1,2,4-Trichlorobenzene	15.01	180	13051	3.321	uq/l #	90
95) Naphthalene	15.24	128	170807	23.797	uq/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

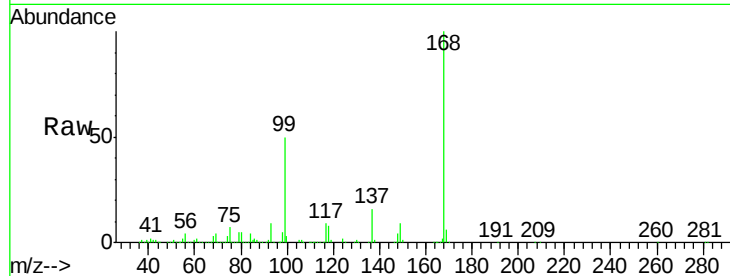
EPEC-POLYMERS-04

Tot Ion:168 Resp: 357685

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003016.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003016.D (-945) (-)

7.80

150000

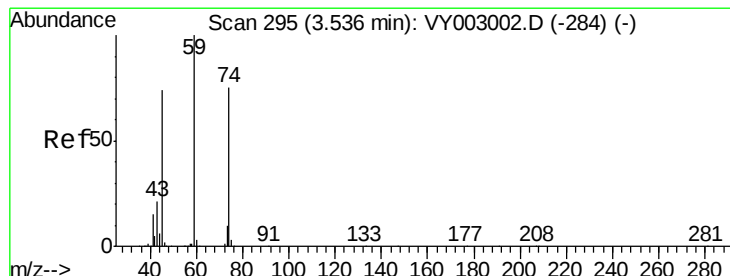
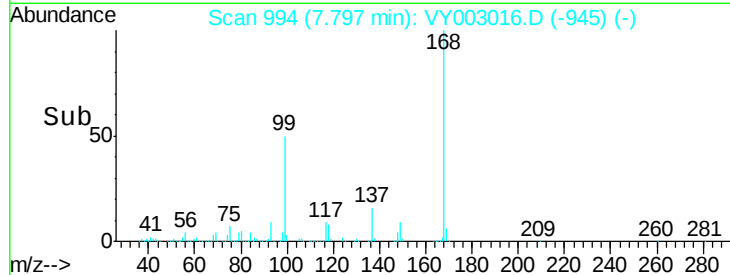
100000

50000

0

7.70 7.80 7.90

Time-->



#8

Diethyl Ether

Concen: 1.224 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY003016.D

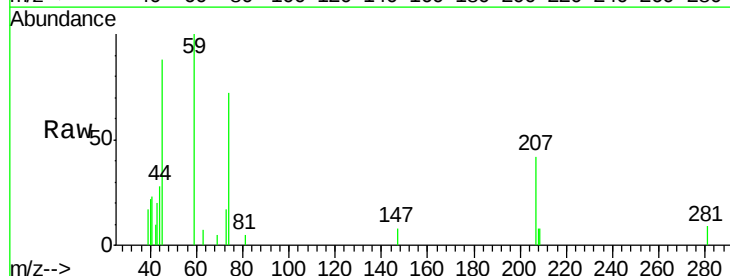
Acq: 29 Jun 2020 19:06

Tgt Ion: 74 Resp: 2291

Ion Ratio Lower Upper

74 100

45 96.9 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003016.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003016.D (-246) (-)

3.54

1200

1000

800

600

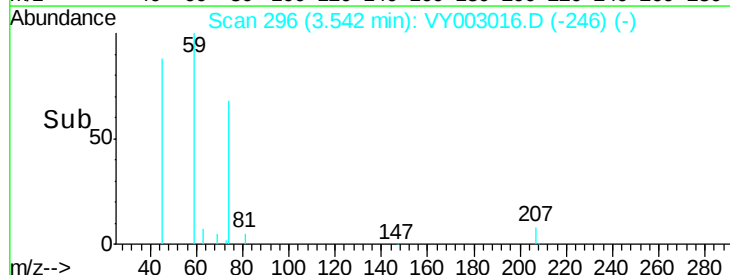
400

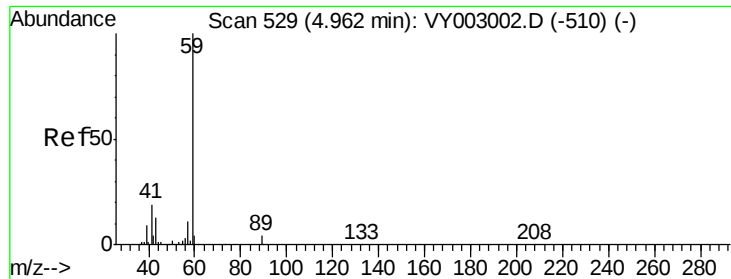
200

0

3.45 3.50 3.55 3.60

Time-->

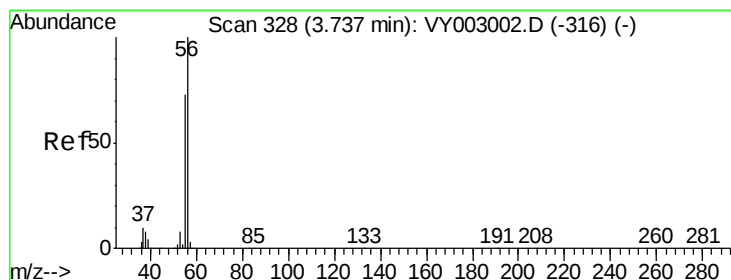
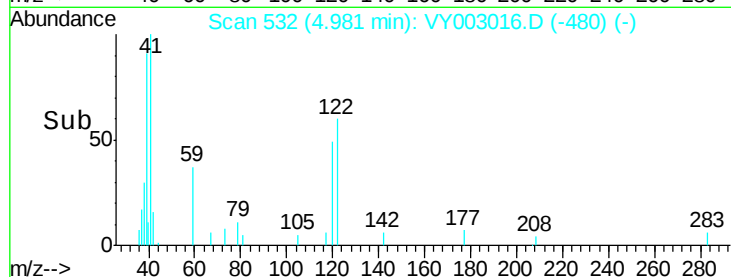
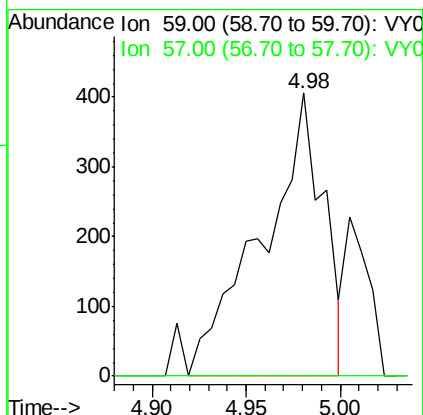
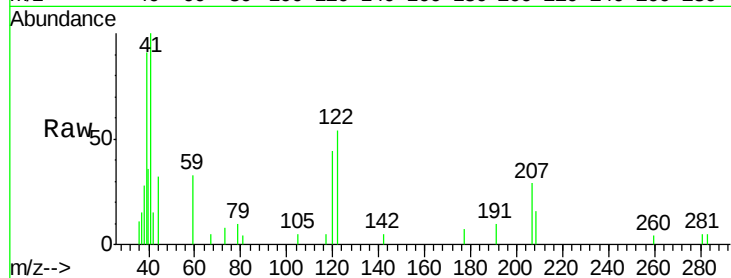




#11
Tert butyl alcohol
Concen: 2.530 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.02 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

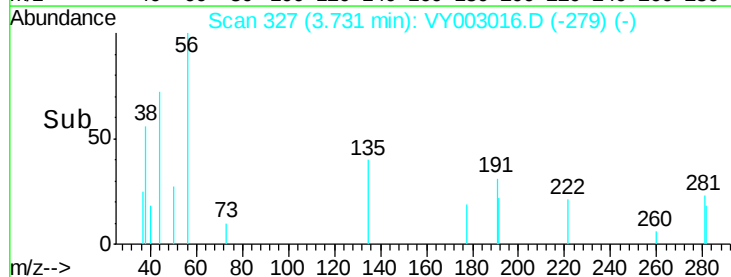
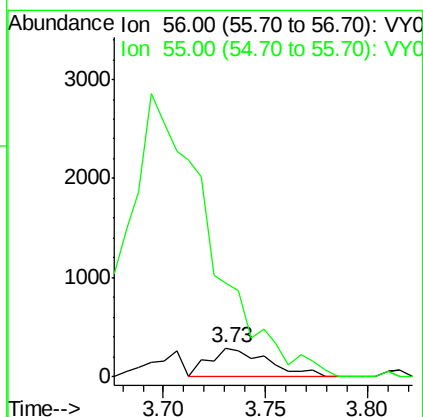
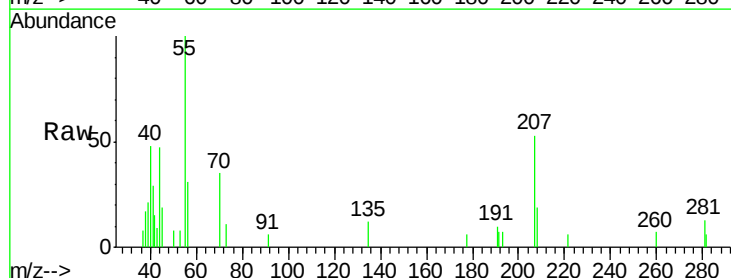
Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-04

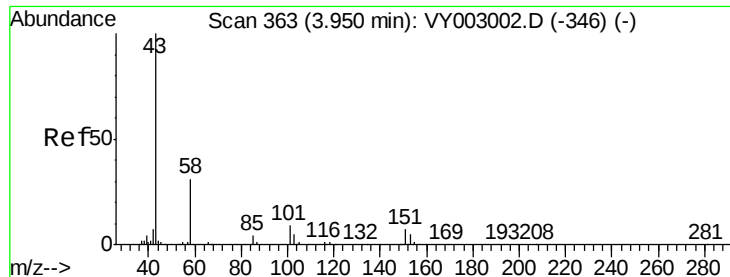
Tot Ion: 59 Resp: 916
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 1.774 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

Tgt Ion: 56 Resp: 577
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#





#16

Acetone

Concen: 84.709 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

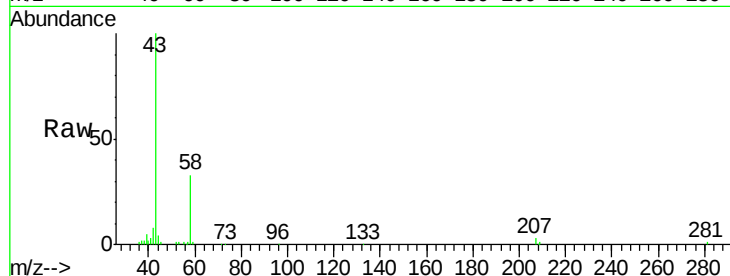
EPEC-POLYMERS-04

Tot Ion: 43 Resp: 70974

Ion Ratio Lower Upper

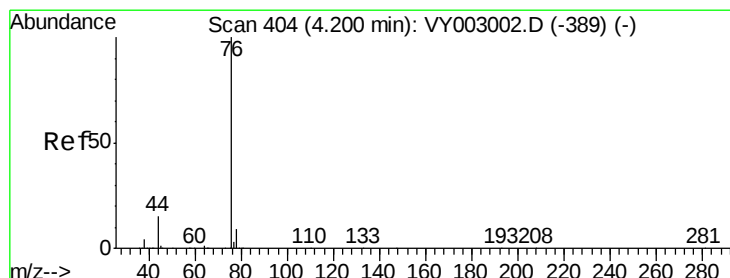
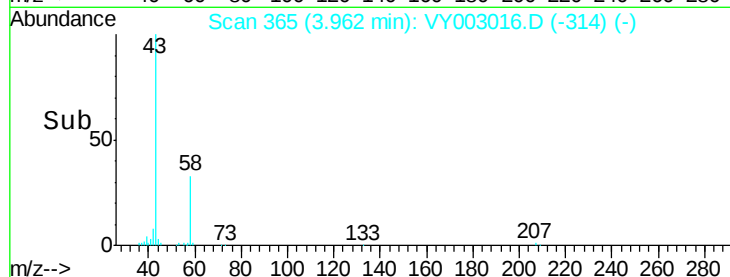
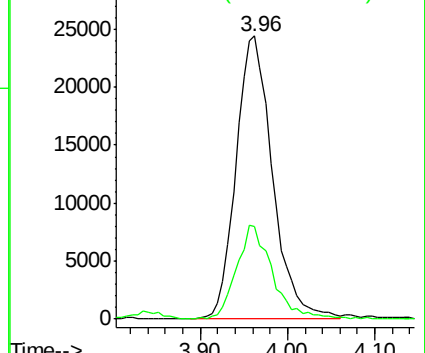
43 100

58 32.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 3.510 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY003016.D

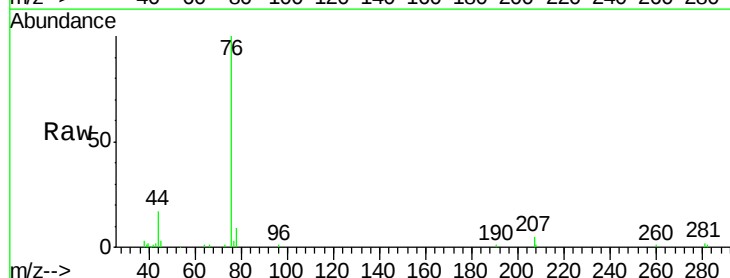
Acq: 29 Jun 2020 19:06

Tgt Ion: 76 Resp: 34791

Ion Ratio Lower Upper

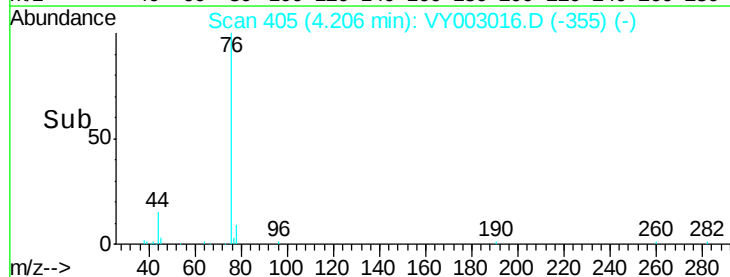
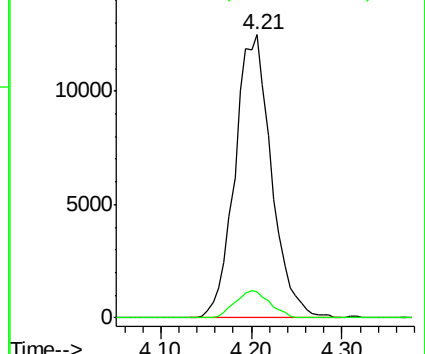
76 100

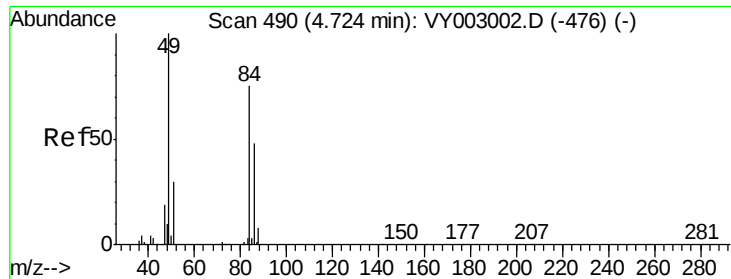
78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

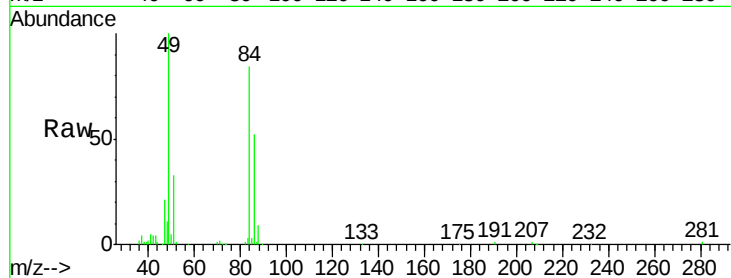




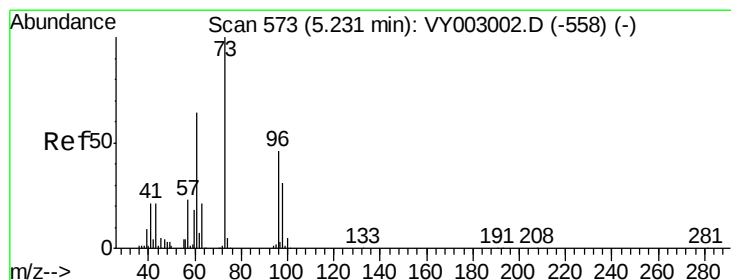
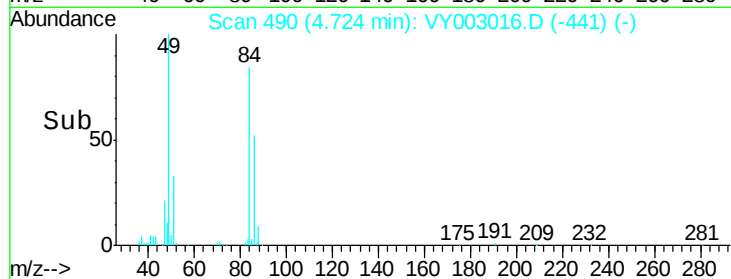
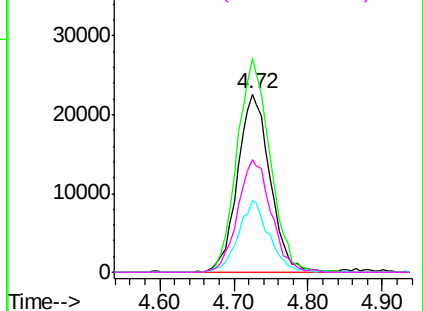
#20
Methvlene Chloride
Concen: 13.426 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion:	84	Resp:	69261
Ion	Ratio	Lower	Upper
84	100		
49	119.7	106.8	160.2
51	40.0	32.0	48.0
86	62.8	51.4	77.2

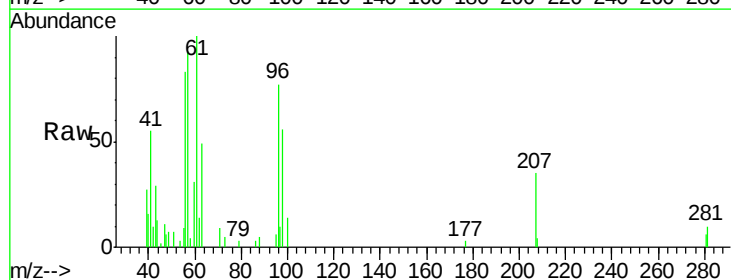


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

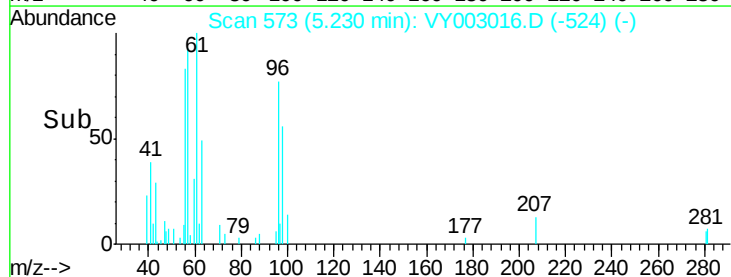
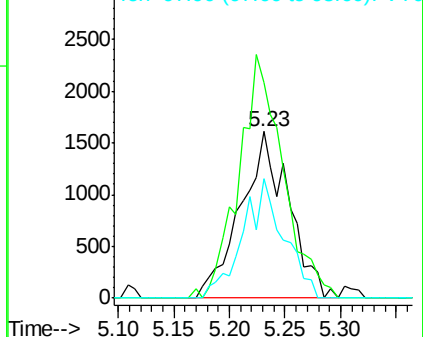


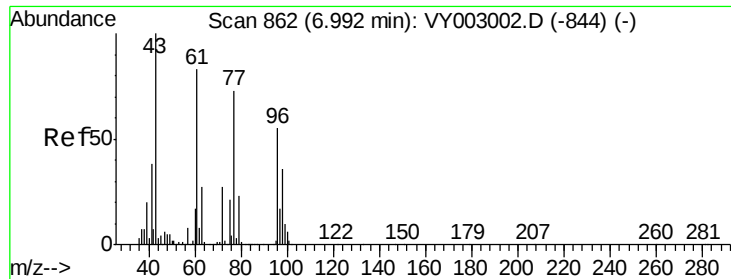
#21
trans-1,2-Dichloroethene
Concen: 1.371 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

Tgt Ion:	96	Resp:	4811
Ion	Ratio	Lower	Upper
96	100		
61	129.4	112.3	168.5
98	71.9	53.8	80.8



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

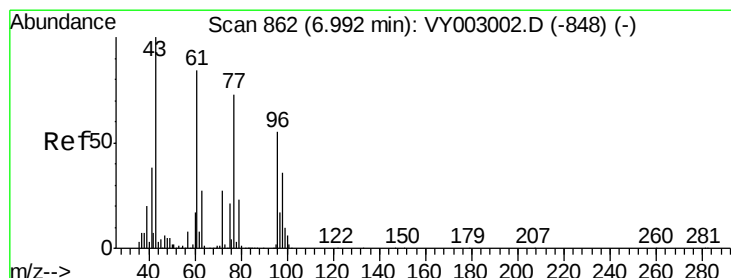
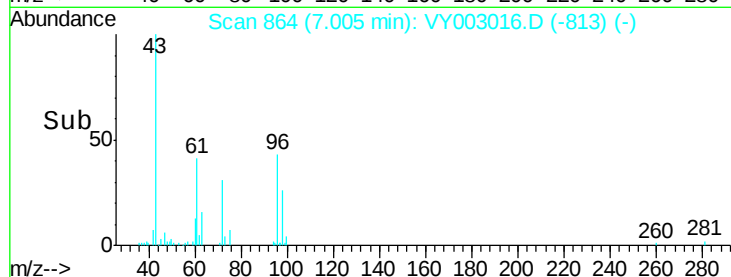
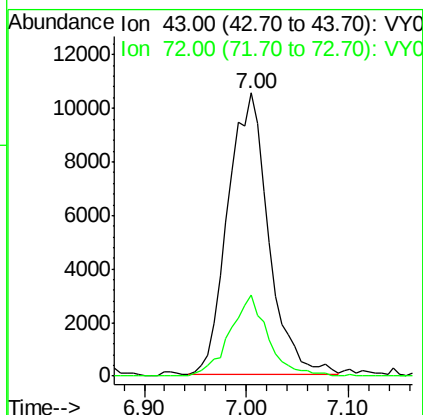
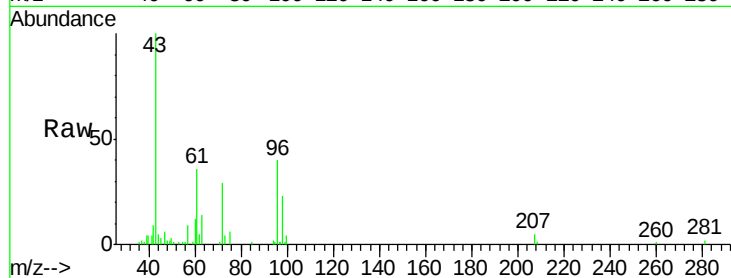




#25
2-Butanone
Concen: 21.872 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

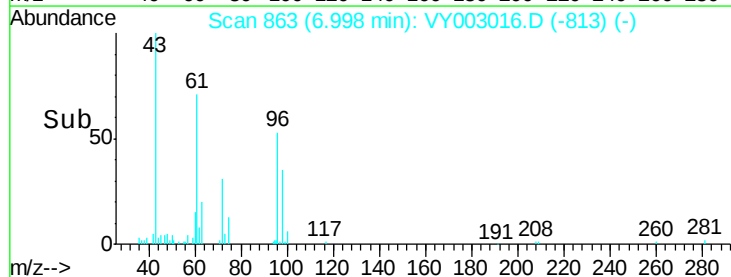
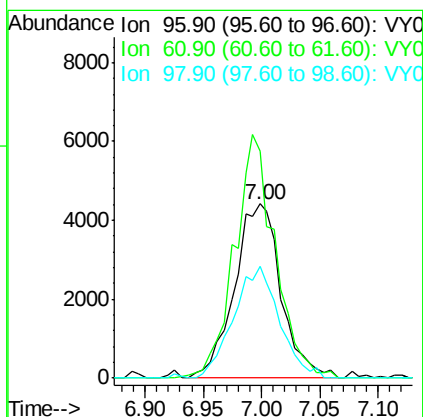
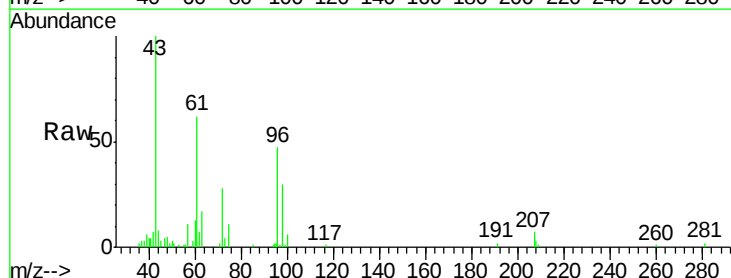
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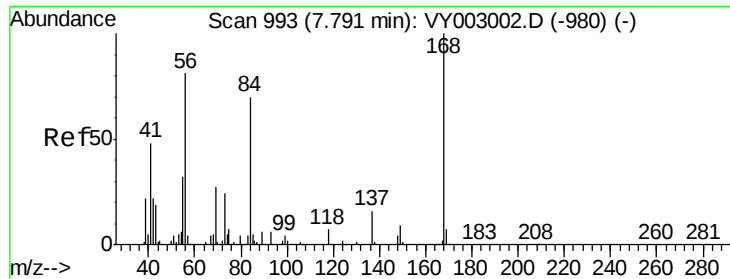
Tot Ion: 43 Resp: 29110
Ion Ratio Lower Upper
43 100
72 28.7 21.4 32.0



#27
cis-1,2-Dichloroethene
Concen: 3.130 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

Tgt Ion: 96 Resp: 12320
Ion Ratio Lower Upper
96 100
61 121.7 0.0 301.2
98 62.9 0.0 129.0





#31

Cyclohexane

Concen: 3.395 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

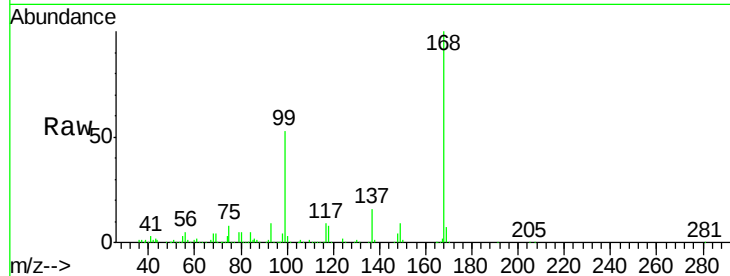
Tot Ion: 56 Resp: 21215

Ion Ratio Lower Upper

56 100

69 75.5 27.0 40.4#

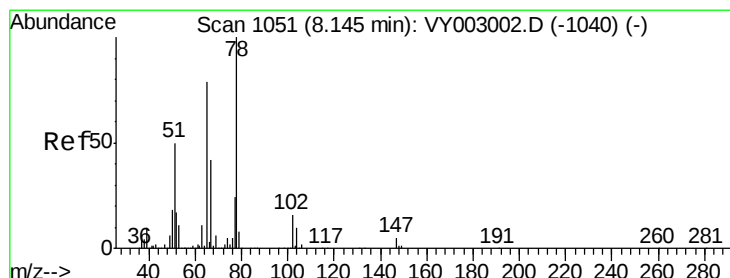
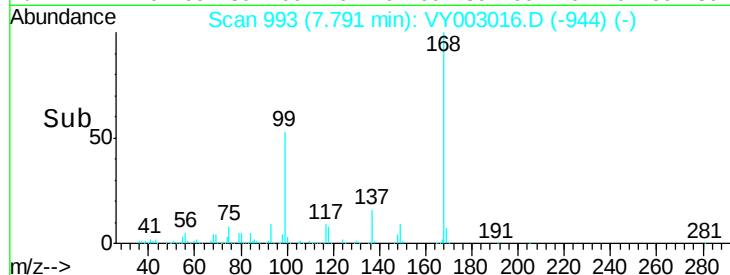
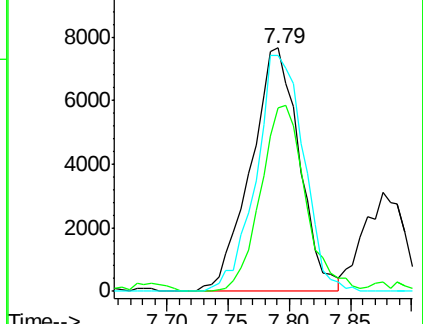
84 96.9 68.1 102.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 54.394 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003016.D

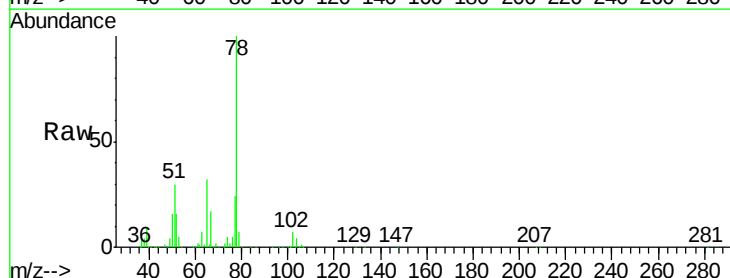
Acq: 29 Jun 2020 19:06

Tgt Ion: 65 Resp: 193236

Ion Ratio Lower Upper

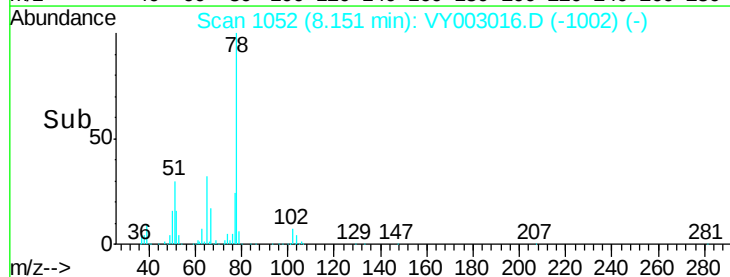
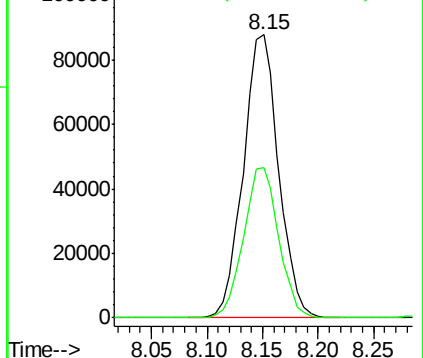
65 100

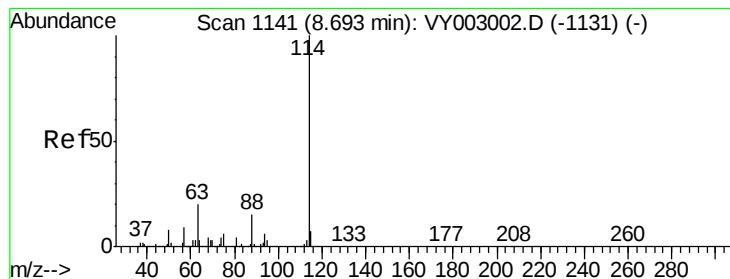
67 52.8 0.0 105.6



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: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

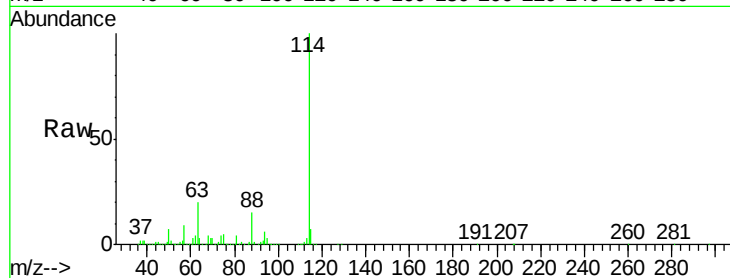
Tot Ion:114 Resp: 567818

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

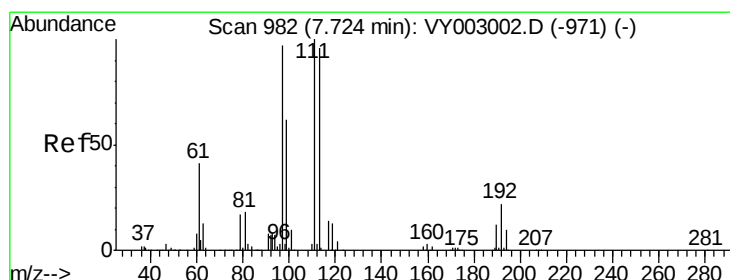
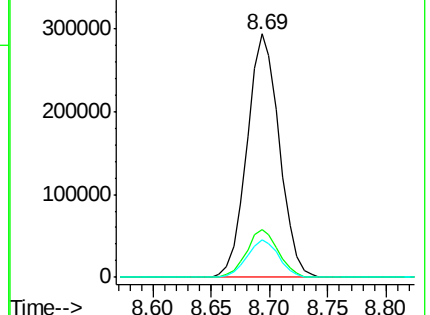
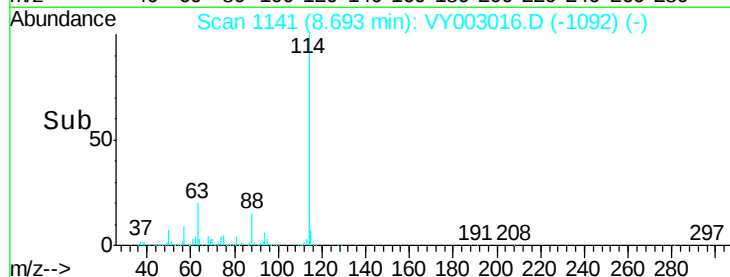
88 15.4 0.0 30.0



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: 52.808 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

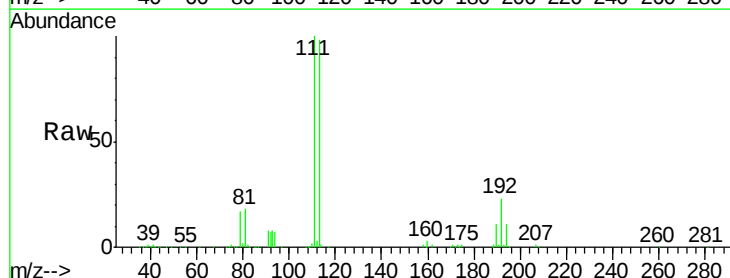
Tgt Ion:113 Resp: 187054

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

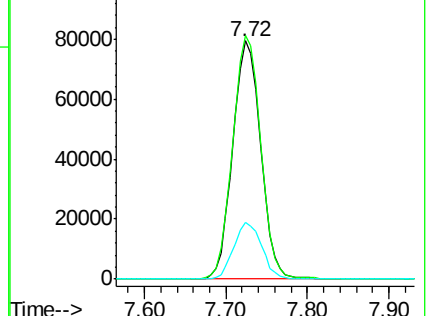
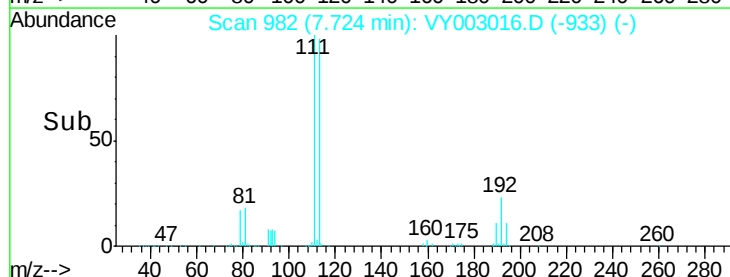
192 23.9 18.1 27.1

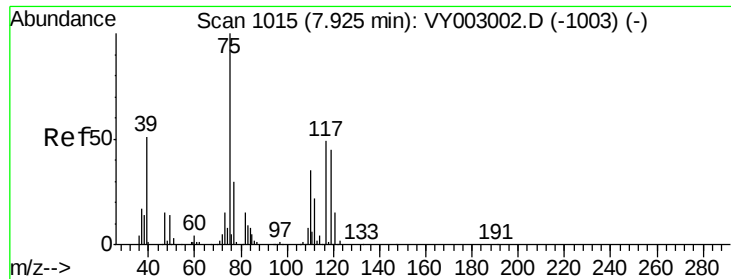


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

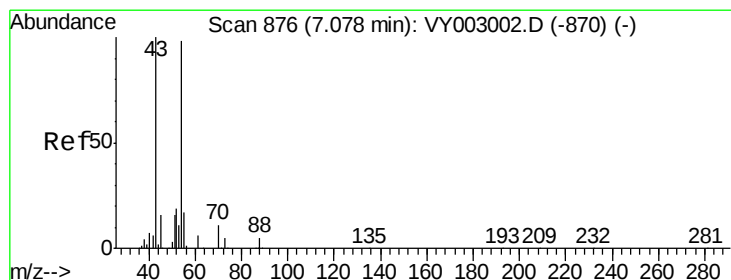
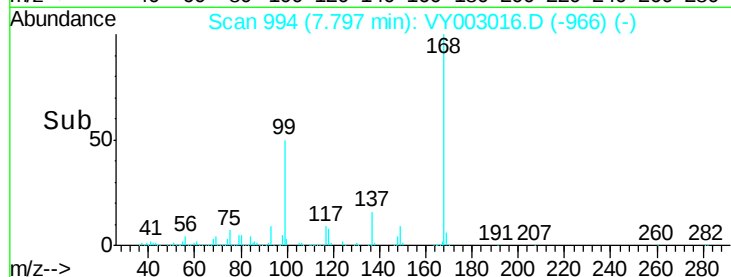
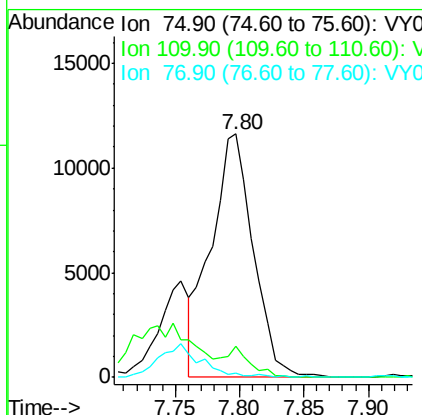
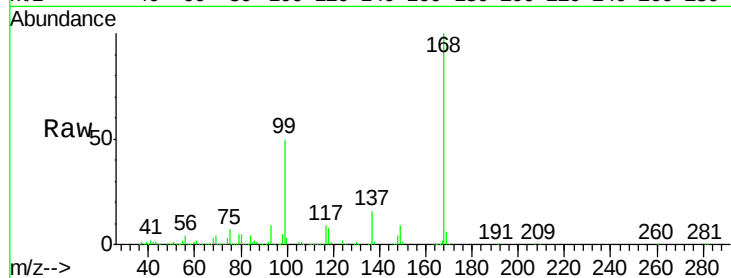




#36
 1,1-Dichloropropene
 Concen: 4.883 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

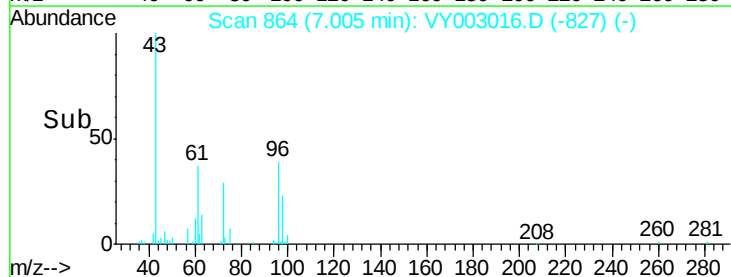
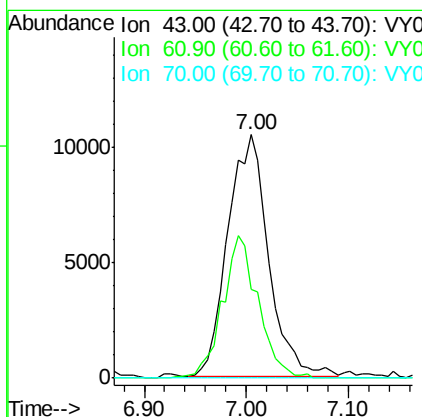
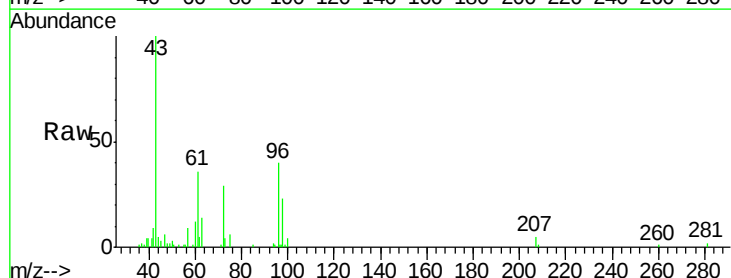
Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-04

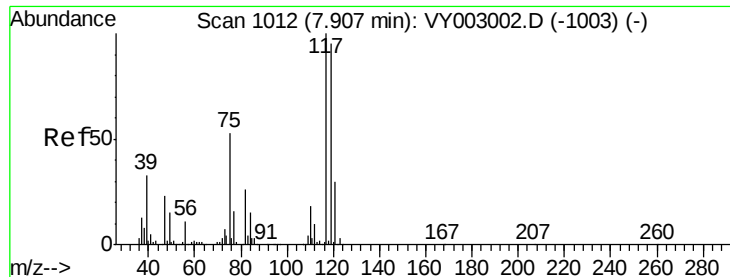
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.9	17.1	51.2#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 8.852 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.07 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	51.5	10.4	15.6#
70	0.0	7.7	11.5#





#38

Carbon Tetrachloride

Concen: 5.529 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

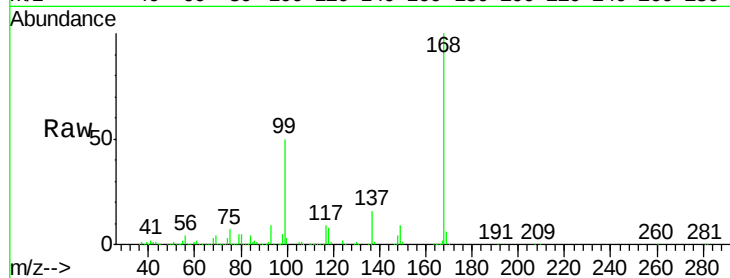
Tot Ion:117 Resp: 31465

Ion Ratio Lower Upper

117 100

119 5.8 75.7 113.5#

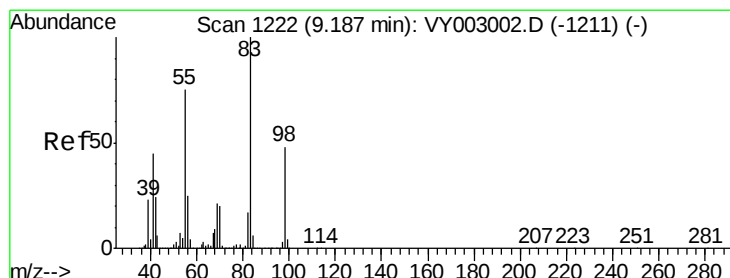
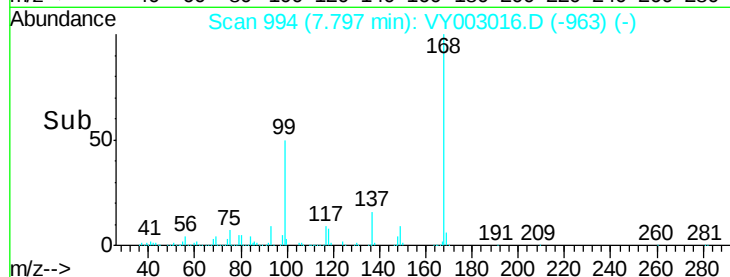
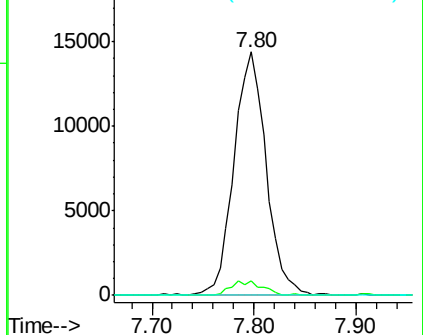
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 12.639 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

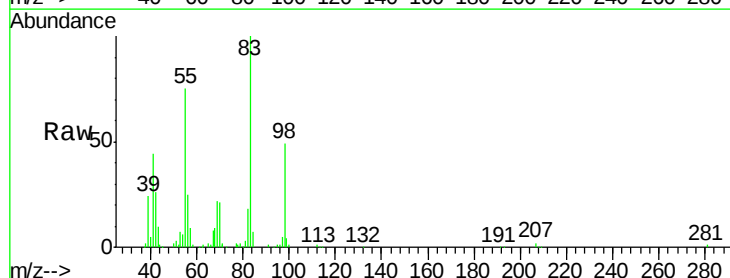
Tgt Ion: 83 Resp: 85711

Ion Ratio Lower Upper

83 100

55 74.6 59.9 89.9

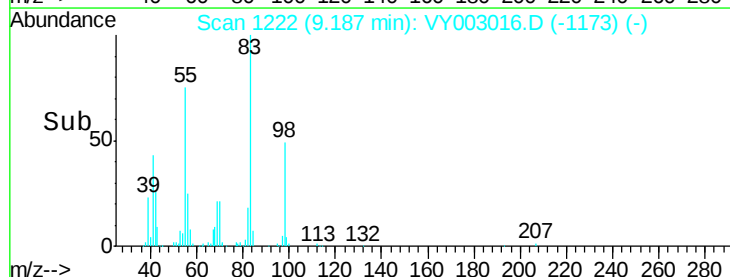
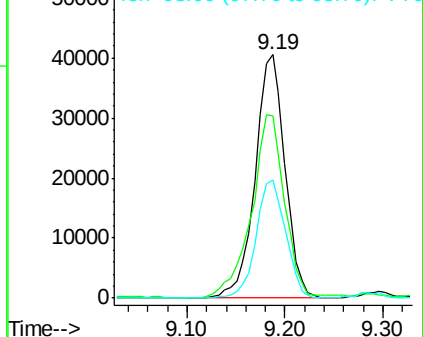
98 48.7 38.7 58.1

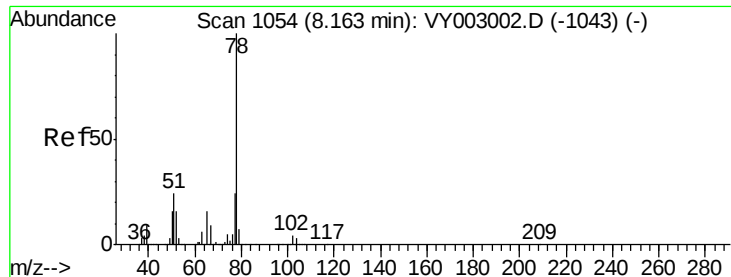


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 70.084 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

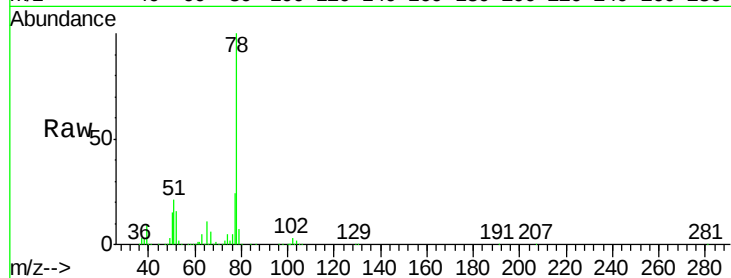
EPEC-POLYMERS-04

Tot Ion: 78 Resp: 1049430

Ion Ratio Lower Upper

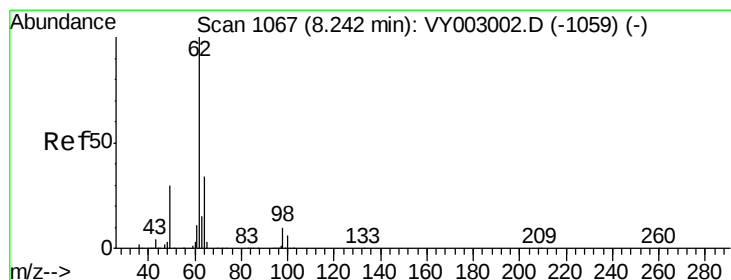
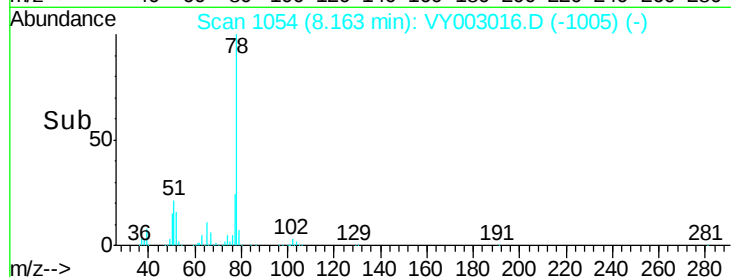
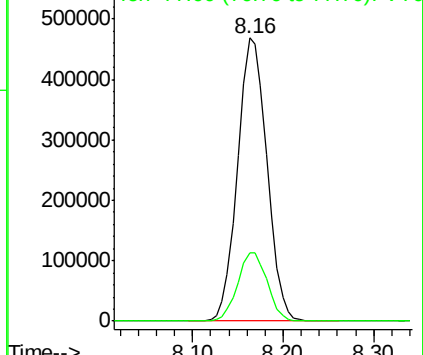
78 100

77 24.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#42

1,2-Dichloroethane

Concen: 1.947 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.08 min

Lab File: VY003016.D

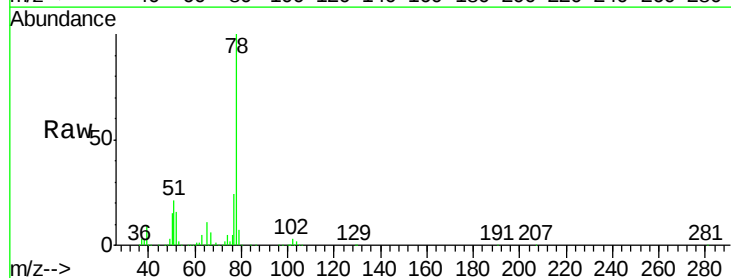
Acq: 29 Jun 2020 19:06

Tgt Ion: 62 Resp: 9224

Ion Ratio Lower Upper

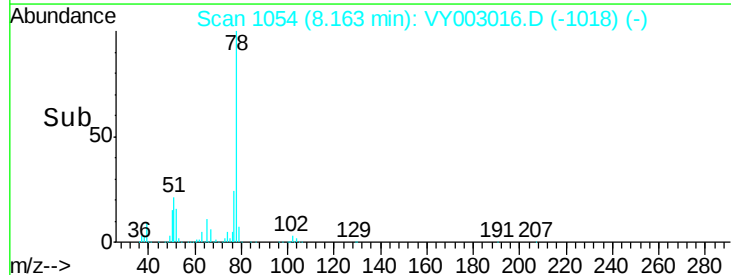
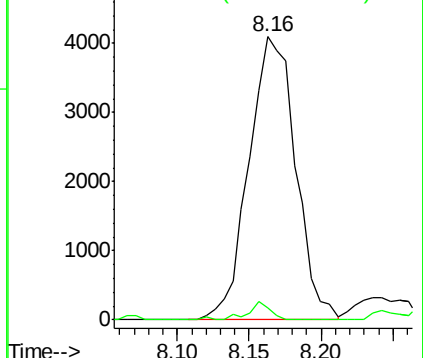
62 100

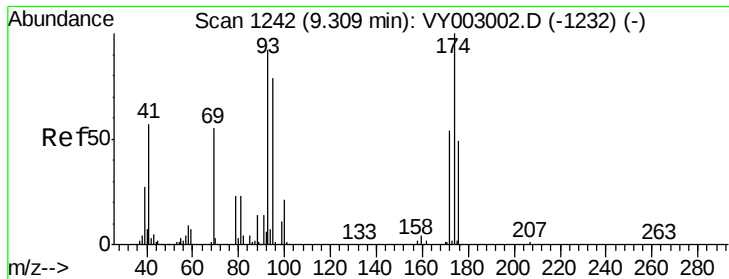
98 2.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#46

Dibromomethane

Concen: 2.920 ug/l

RT: 9.28 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

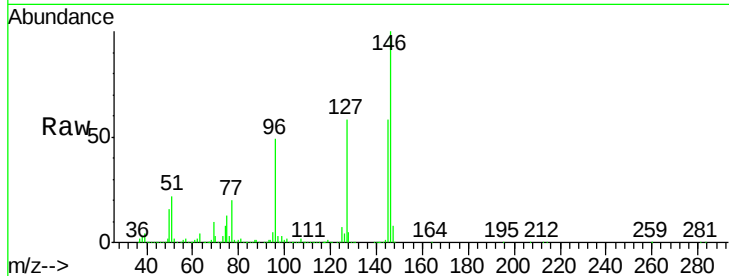
Tot Ion: 93 Resp: 6569

Ion Ratio Lower Upper

93 100

95 716.3 67.6 101.4#

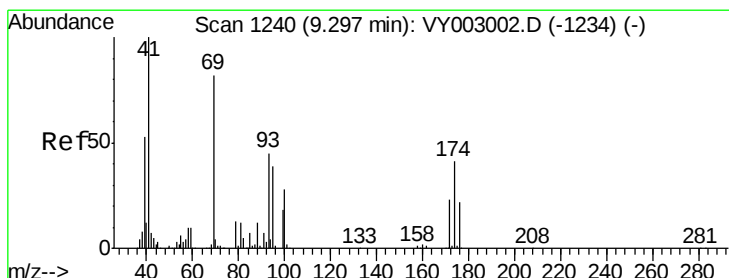
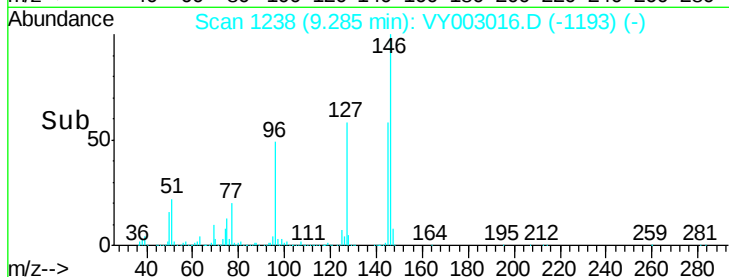
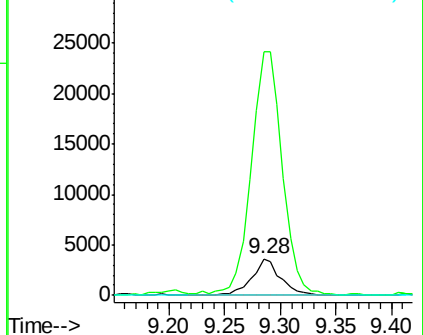
174 0.0 88.3 132.5#



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V



#48

Methyl methacrylate

Concen: 1.070 ug/l

RT: 9.25 min Scan# 1232

Delta R.T. -0.05 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

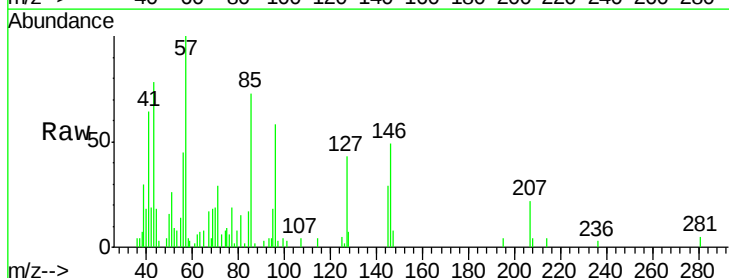
Tgt Ion: 41 Resp: 3046

Ion Ratio Lower Upper

41 100

69 0.0 67.7 101.5#

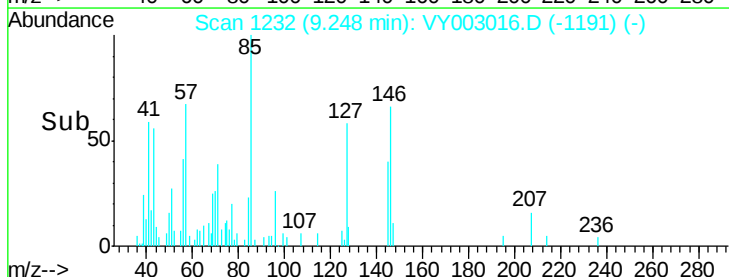
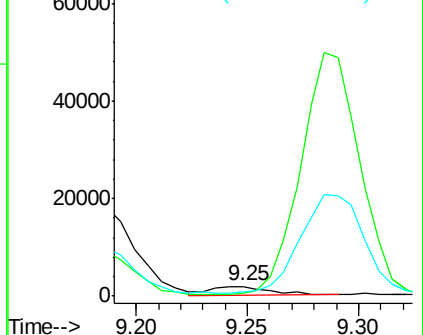
39 0.0 45.0 67.4#

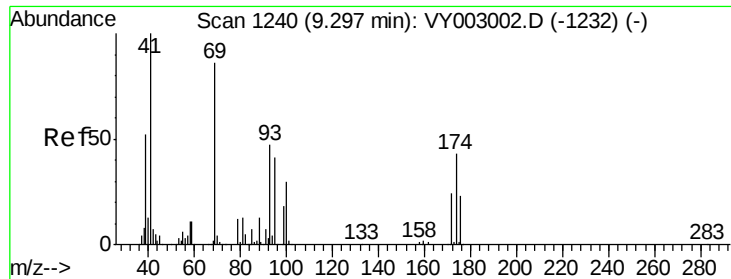


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 478.997 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

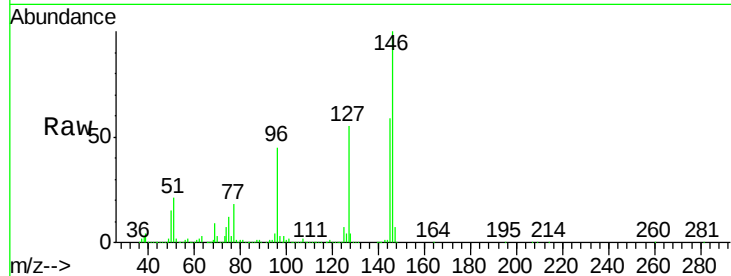
Tot Ion: 88 Resp: 13156

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

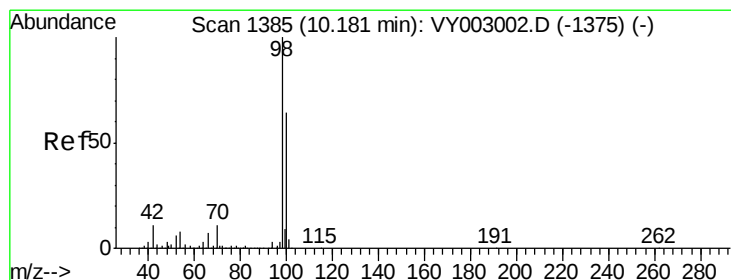
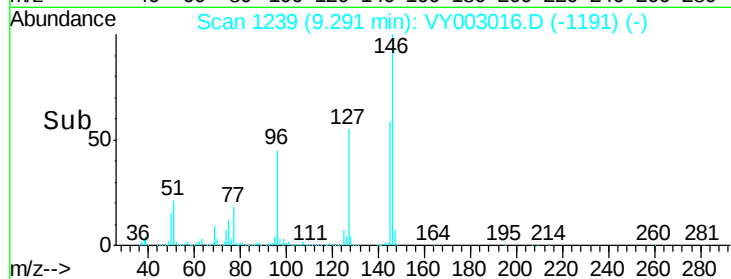
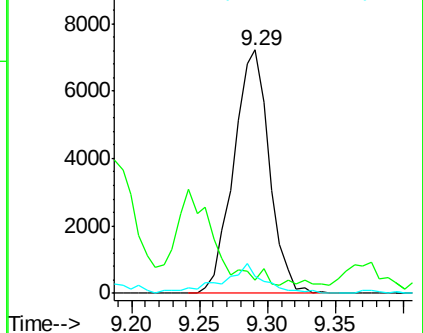
58 13.8 56.7 85.1#



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 49.945 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003016.D

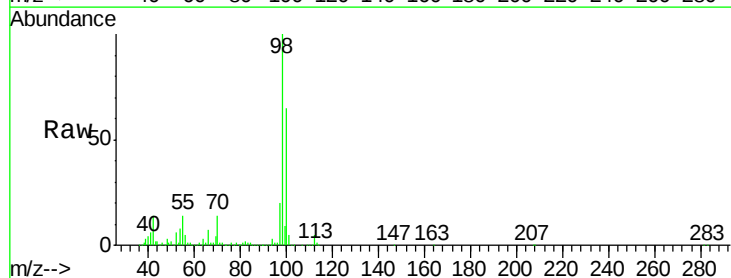
Acq: 29 Jun 2020 19:06

Tgt Ion: 98 Resp: 659075

Ion Ratio Lower Upper

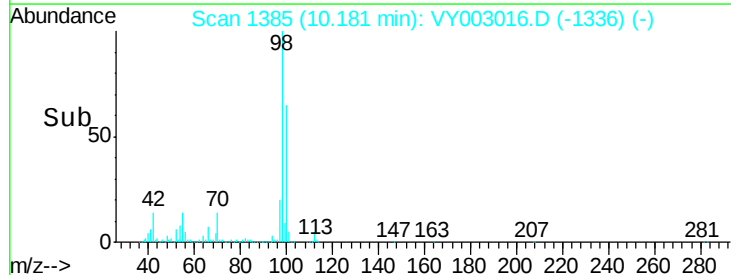
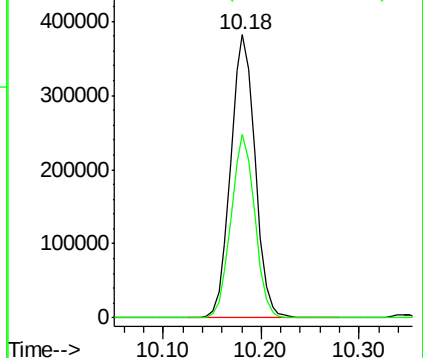
98 100

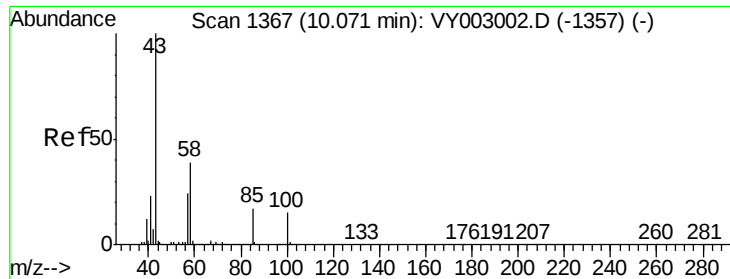
100 62.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 1.154 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

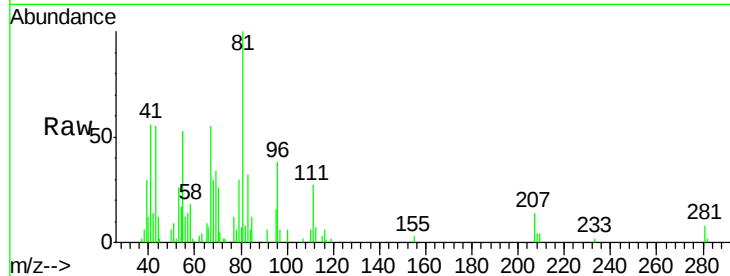
EPEC-POLYMERS-04

Tot Ion: 43 Resp: 3730

Ion Ratio Lower Upper

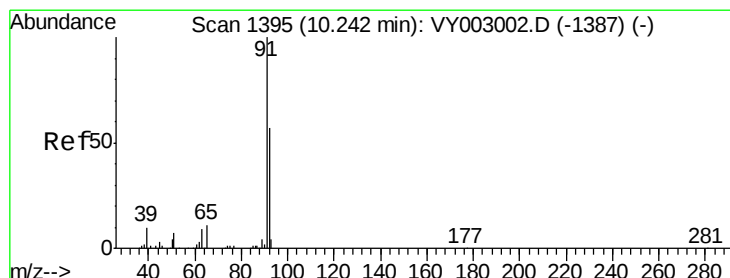
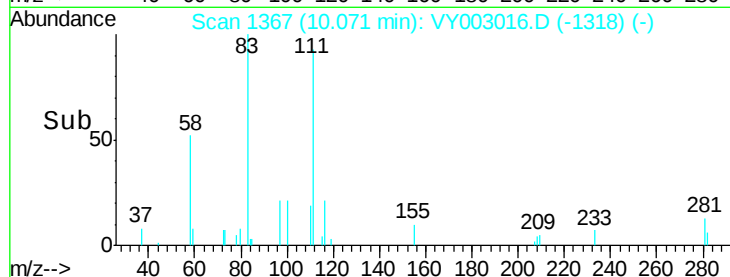
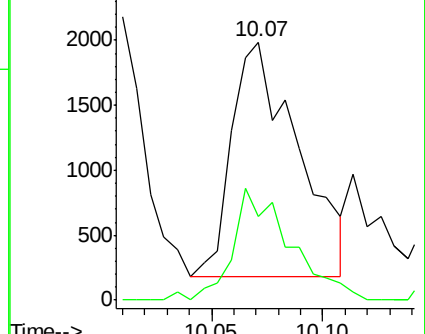
43 100

58 41.6 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 767.027 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003016.D

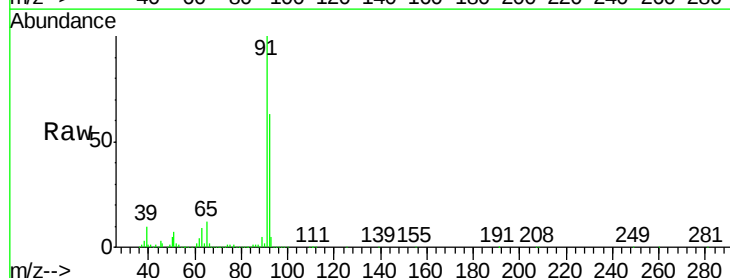
Acq: 29 Jun 2020 19:06

Tgt Ion: 92 Resp: 7230086

Ion Ratio Lower Upper

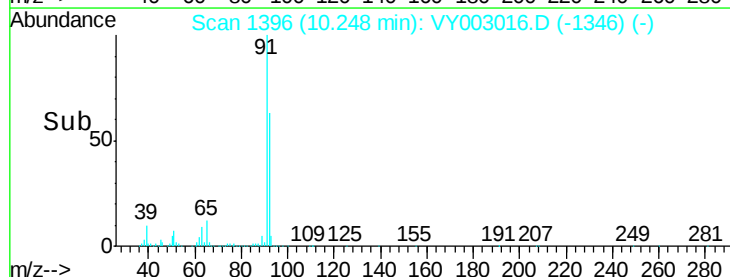
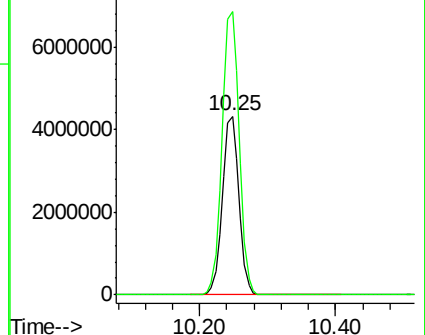
92 100

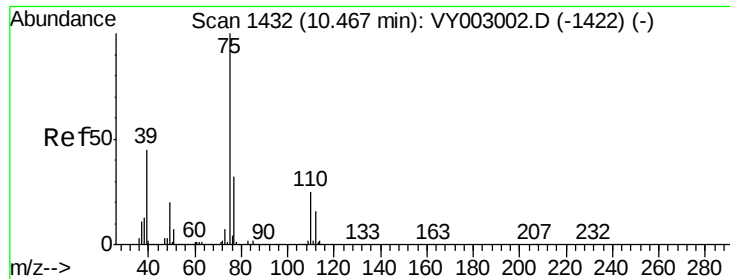
91 165.1 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 14.843 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.22 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

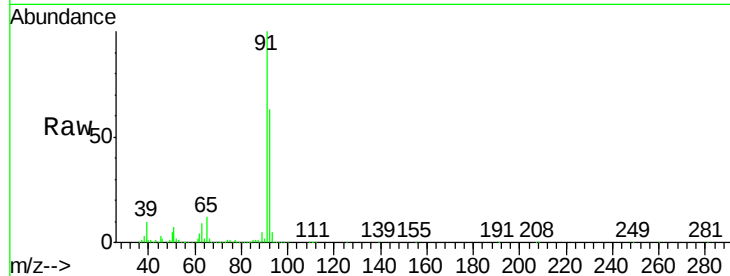
EPEC-POLYMERS-04

Tot Ion: 75 Resp: 85734

Ion Ratio Lower Upper

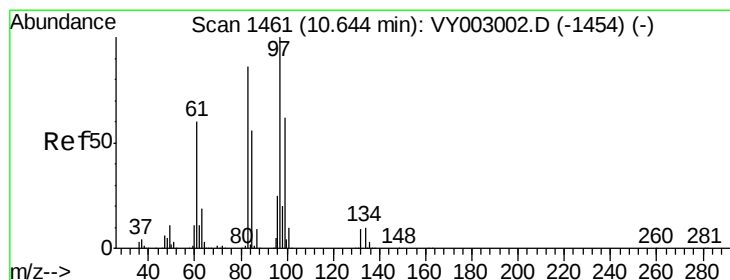
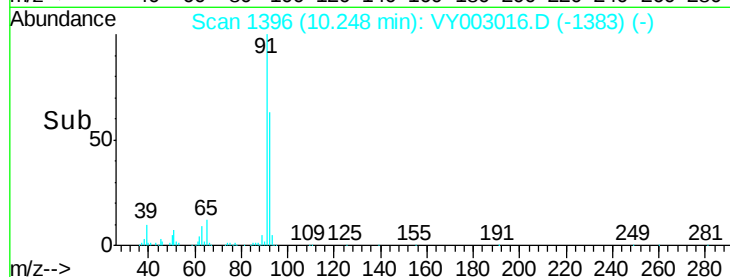
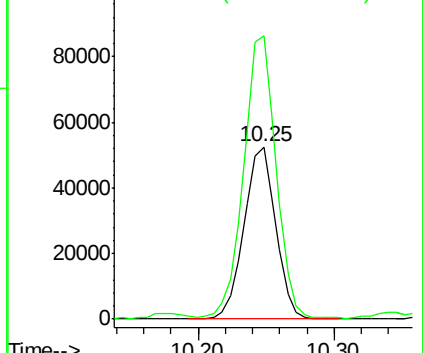
75 100

77 163.2 25.9 38.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#55

1,1,2-Trichloroethane

Concen: 19.011 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.02 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Tgt Ion: 97 Resp: 59440

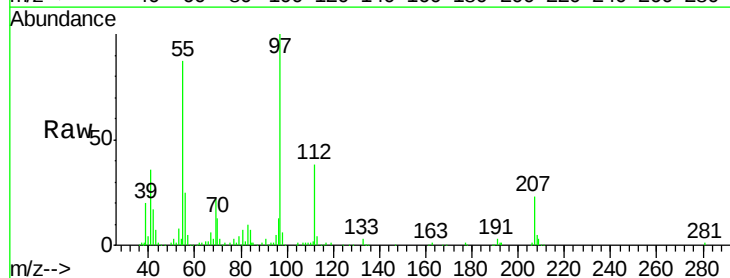
Ion Ratio Lower Upper

97 100

83 8.8 69.0 103.6#

85 1.6 44.8 67.2#

99 0.2 49.9 74.9#

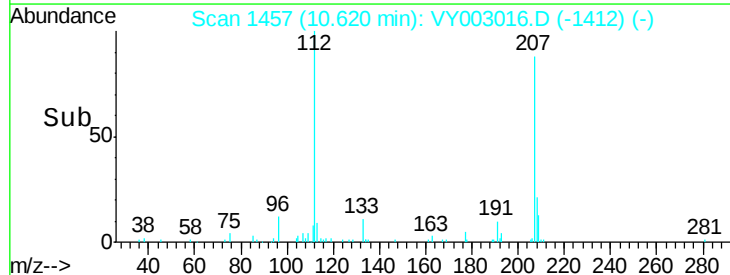
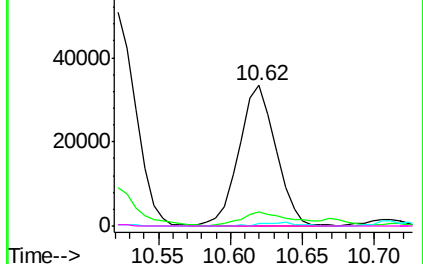


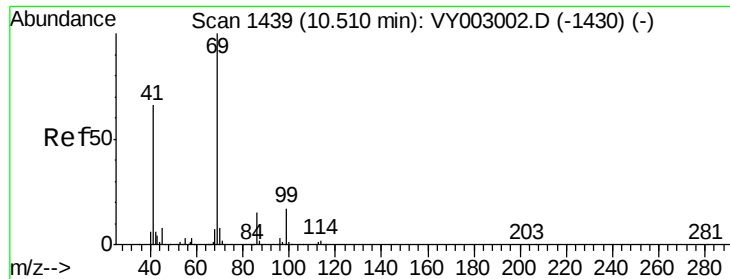
Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0





#56

Ethyl methacrylate

Concen: 8.146 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

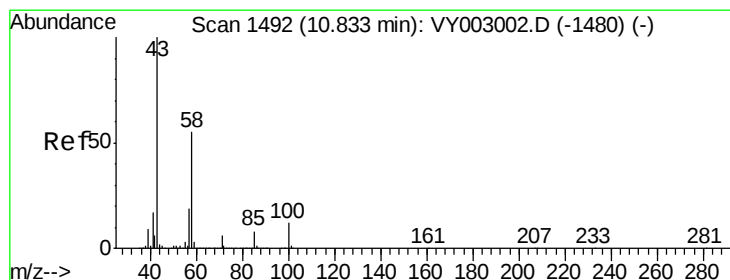
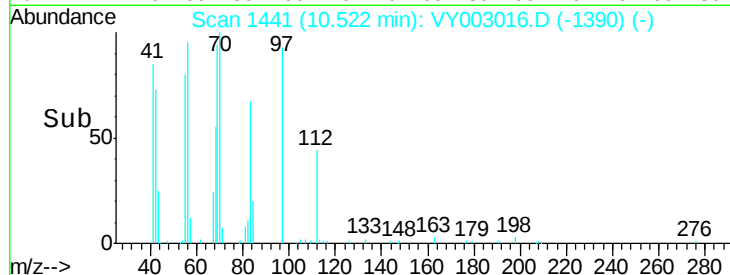
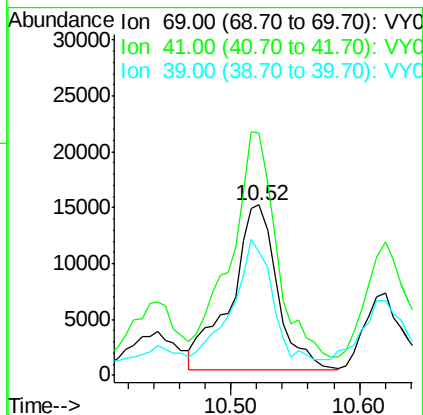
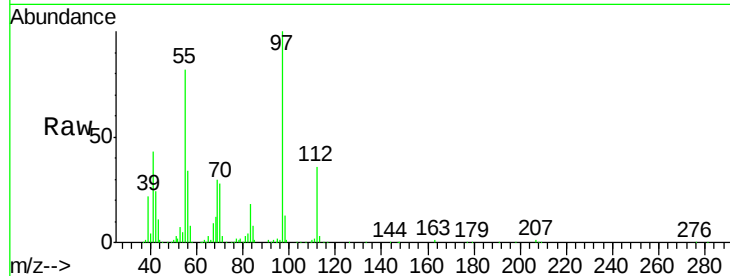
Tot Ion: 69 Resp: 36869

Ion Ratio Lower Upper

69 100

41 131.1 53.7 80.5#

39 0.0 28.3 42.5#



#59

2-Hexanone

Concen: 24.181 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.03 min

Lab File: VY003016.D

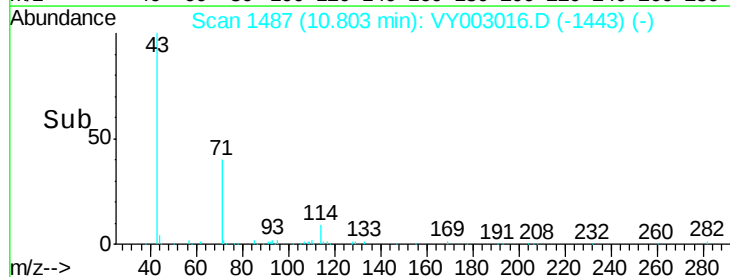
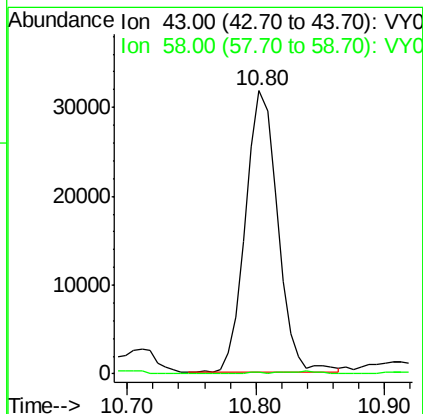
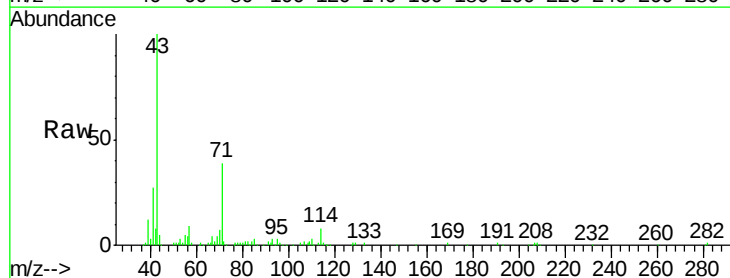
Acq: 29 Jun 2020 19:06

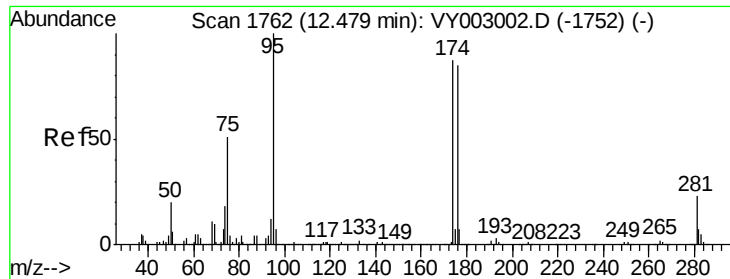
Tgt Ion: 43 Resp: 54612

Ion Ratio Lower Upper

43 100

58 0.5 27.5 82.4#





#62

4-Bromofluorobenzene

Concen: 36.330 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

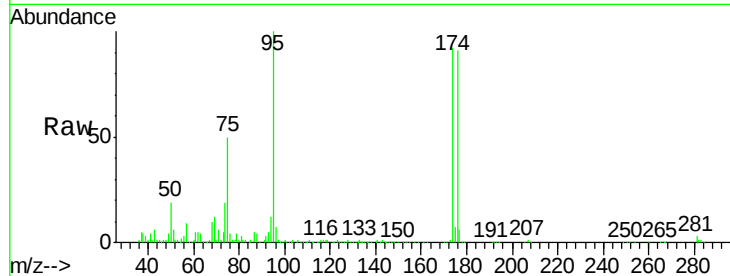
Tot Ion: 95 Resp: 168756

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.8

176 91.4 0.0 183.0

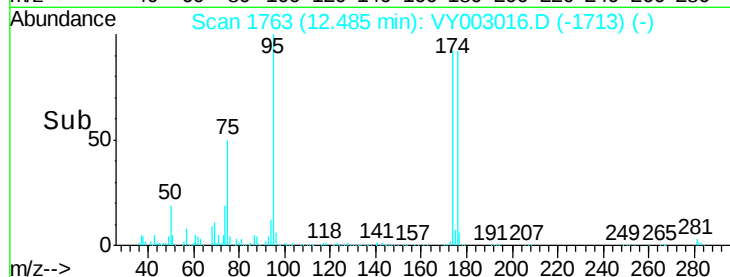


Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

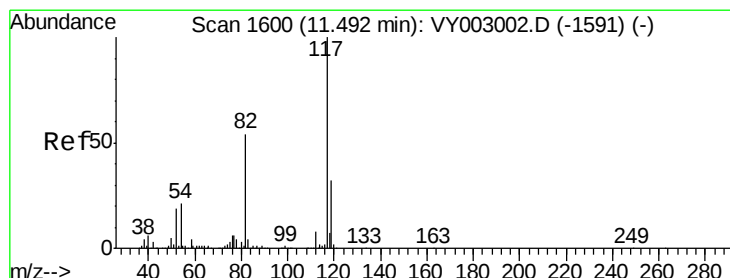
Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

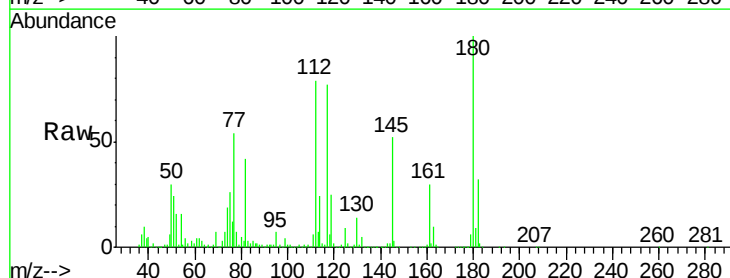
Tgt Ion: 117 Resp: 469662

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.6

119 32.5 25.8 38.8

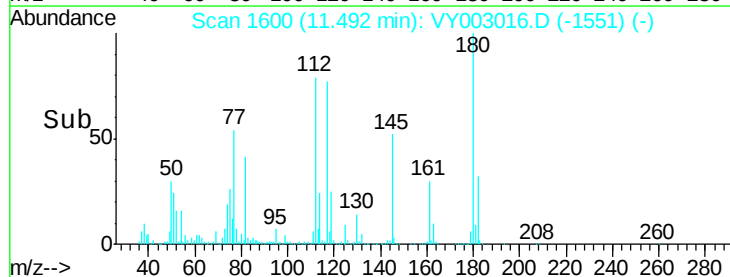


Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

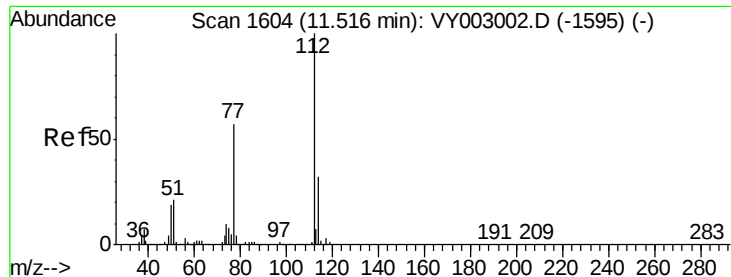
Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)

Time-->



Time-->



#65

Chlorobenzene

Concen: 958.558 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

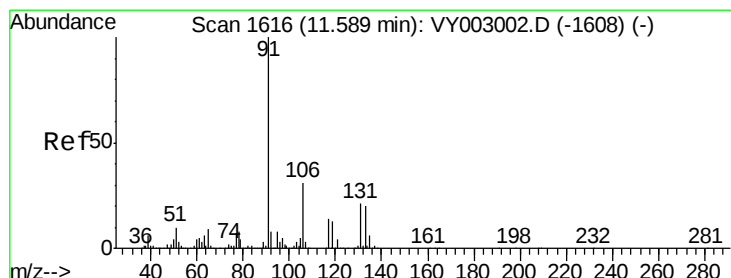
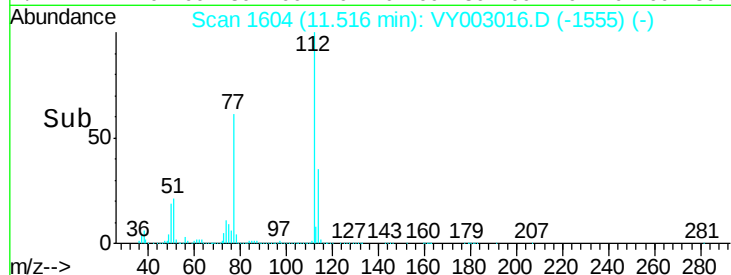
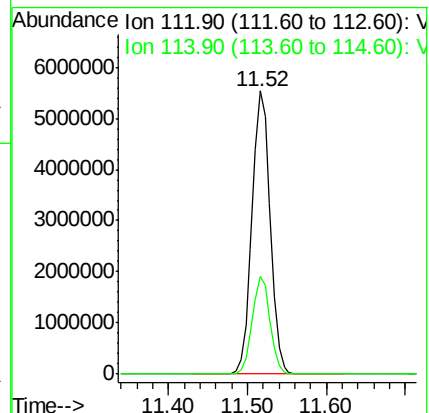
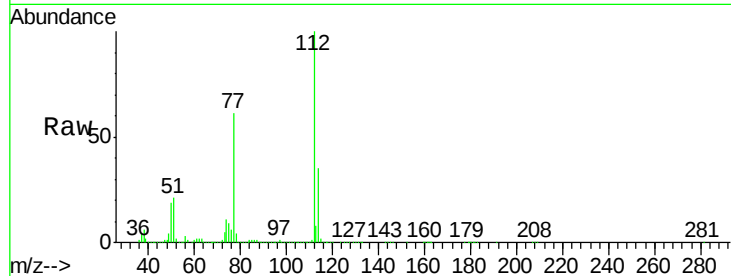
EPEC-POLYMERS-04

Tot Ion:112 Resp: 8877060

Ion Ratio Lower Upper

112 100

114 34.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 1.505 ug/l

RT: 11.55 min Scan# 1609

Delta R.T. -0.04 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

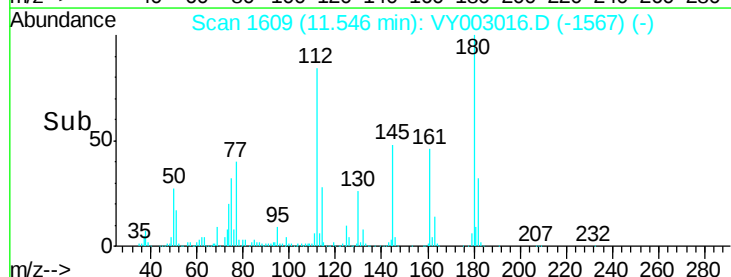
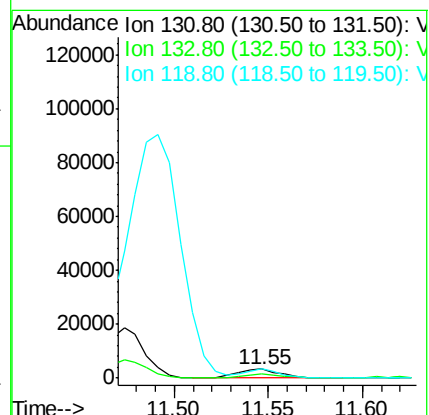
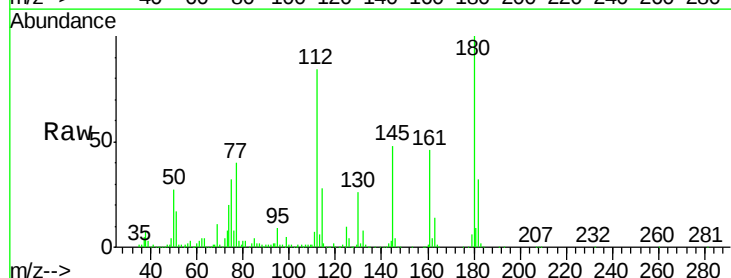
Tgt Ion:131 Resp: 5441

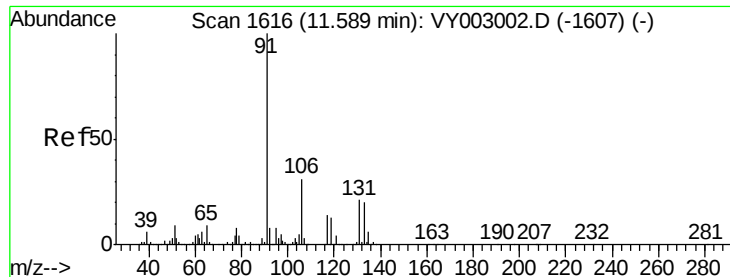
Ion Ratio Lower Upper

131 100

133 38.4 47.9 143.8#

119 0.0 31.8 95.3#





#67

Ethyl Benzene

Concen: 110.975 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

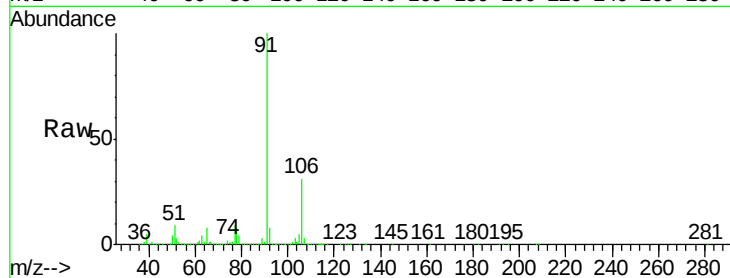
EPEC-POLYMERS-04

Tot Ion: 91 Resp: 1880154

Ion Ratio Lower Upper

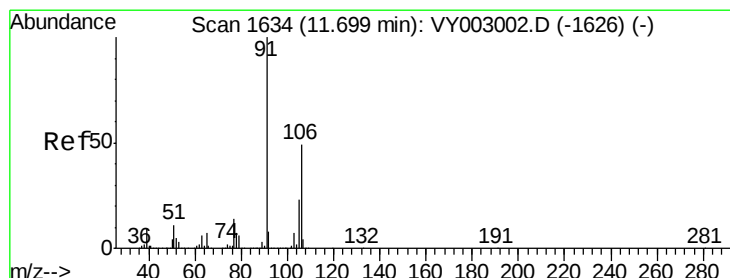
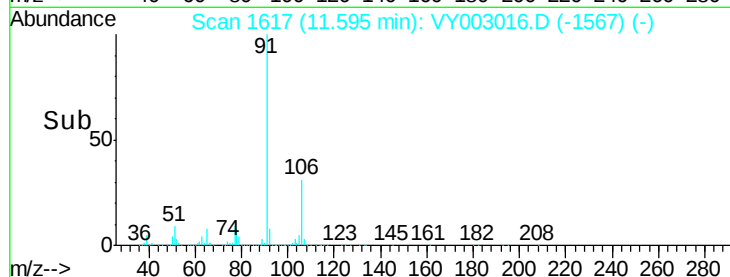
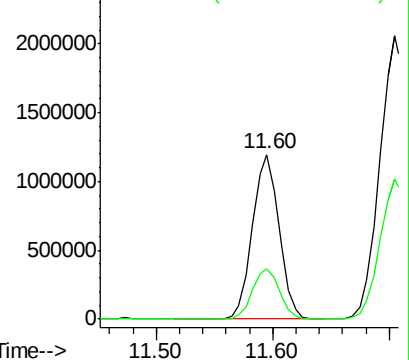
91 100

106 30.6 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 290.210 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003016.D

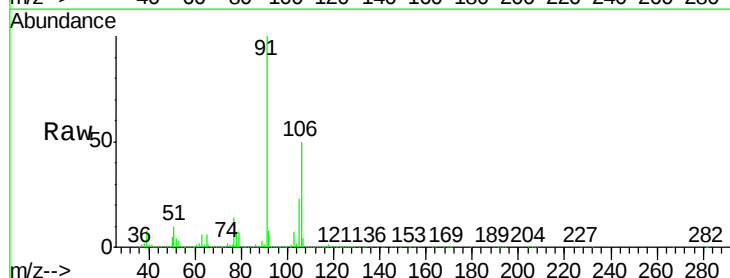
Acq: 29 Jun 2020 19:06

Tgt Ion: 106 Resp: 1829926

Ion Ratio Lower Upper

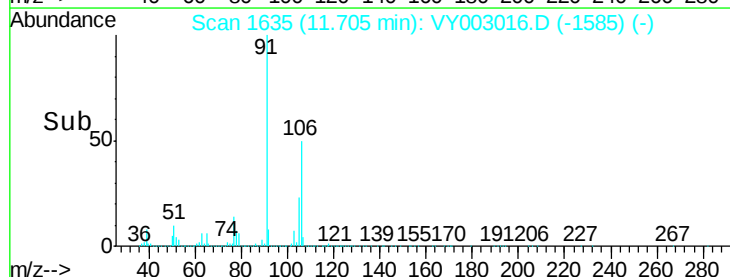
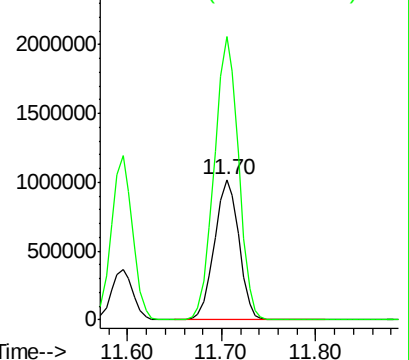
106 100

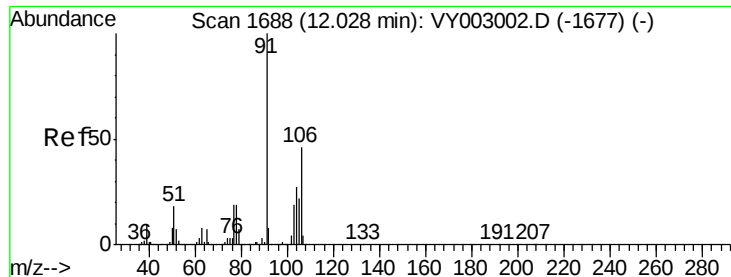
91 200.9 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

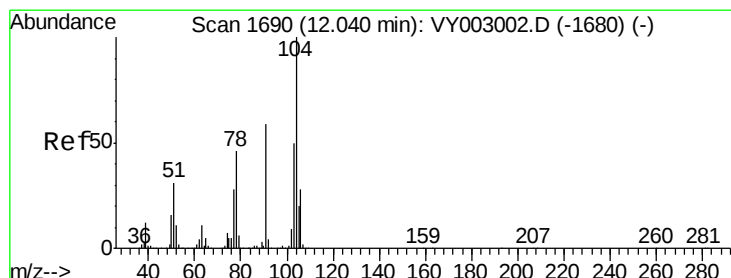
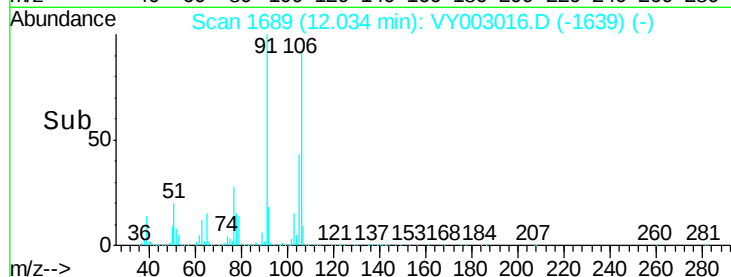
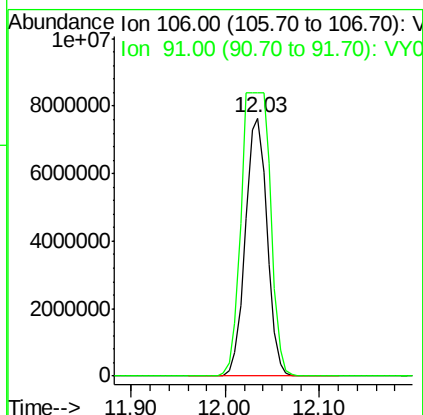
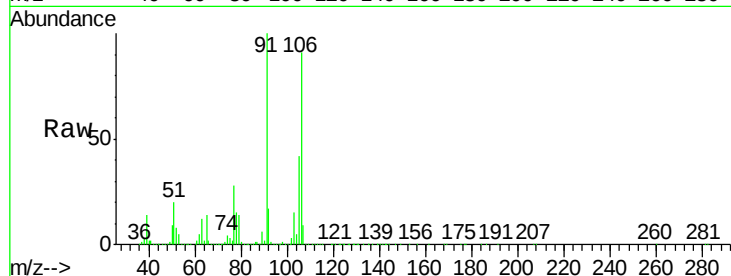




#69
o-Xylene
Concen: 2077.517 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

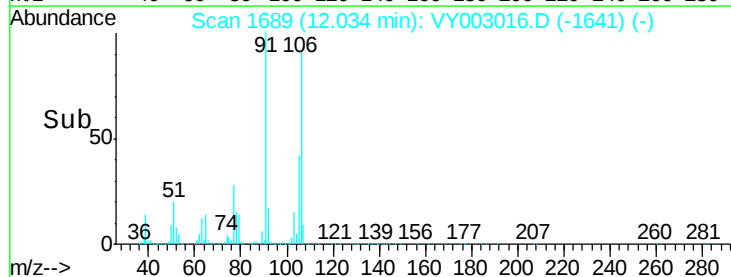
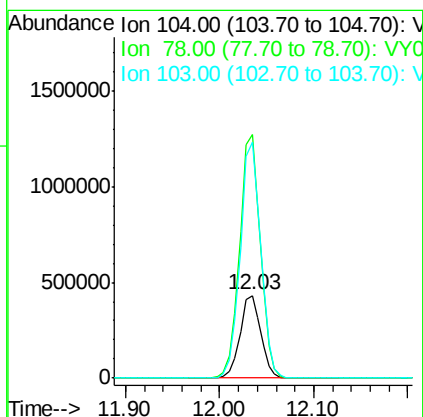
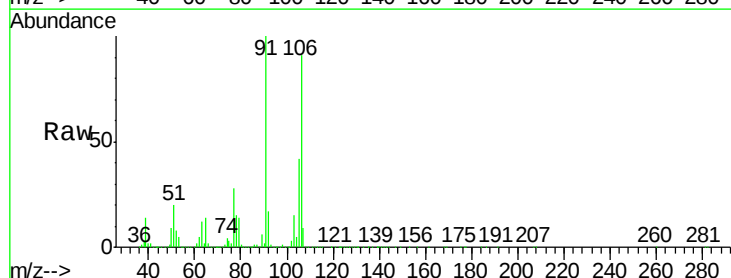
Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-04

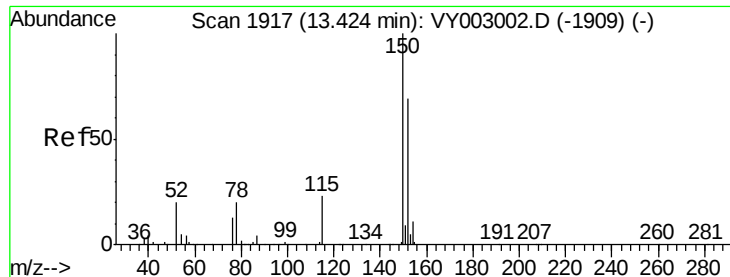
Tot Ion:106 Resp:12344327
Ion Ratio Lower Upper
106 100
91 148.2 107.9 323.8



#70
Styrene
Concen: 65.400 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

Tgt Ion:104 Resp: 663877
Ion Ratio Lower Upper
104 100
78 294.4 40.4 60.6#
103 282.6 44.1 66.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

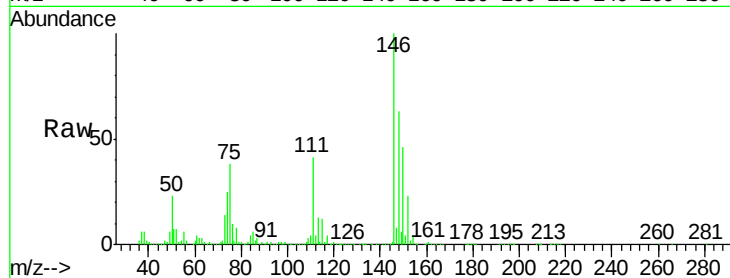
Tot Ion:152 Resp: 188149

Ion Ratio Lower Upper

152 100

115 57.6 27.3 81.9

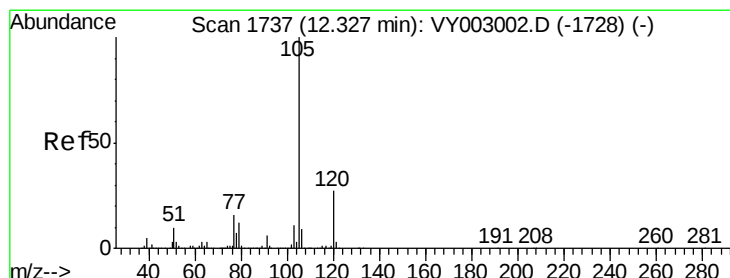
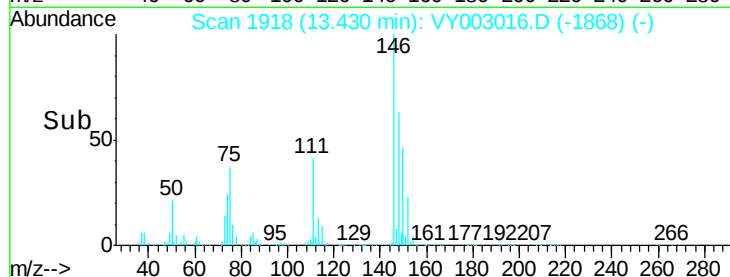
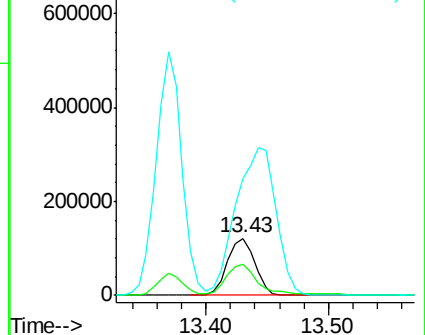
150 379.9 0.0 343.4#



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: 22.022 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY003016.D

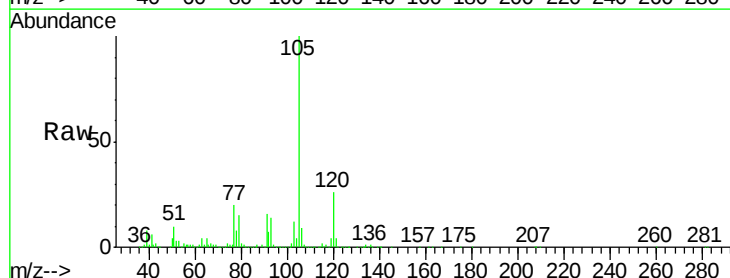
Acq: 29 Jun 2020 19:06

Tgt Ion:105 Resp: 271174

Ion Ratio Lower Upper

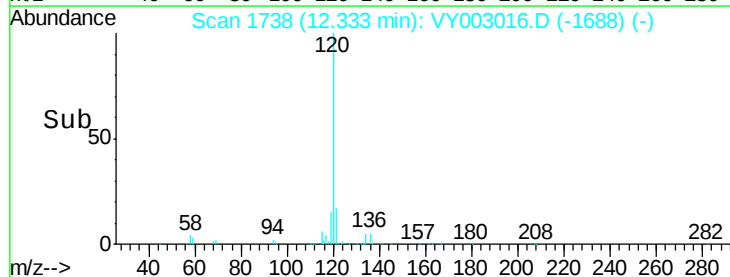
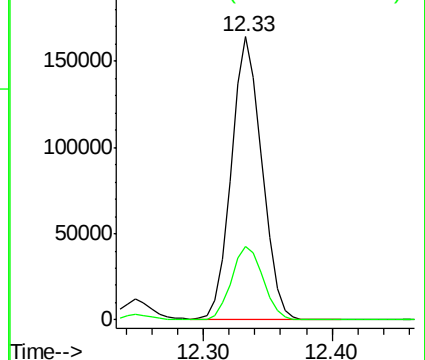
105 100

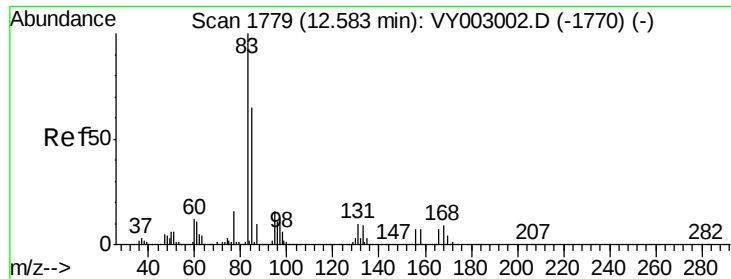
120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.446 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-04

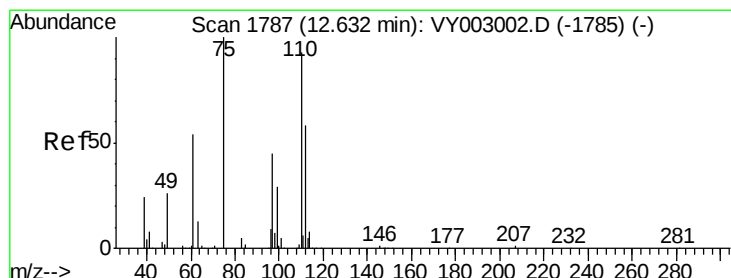
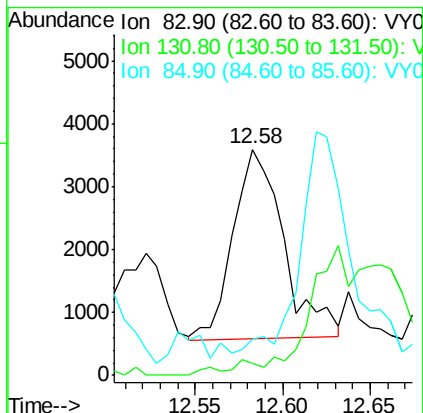
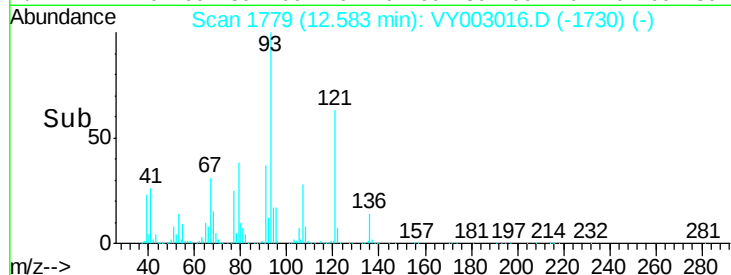
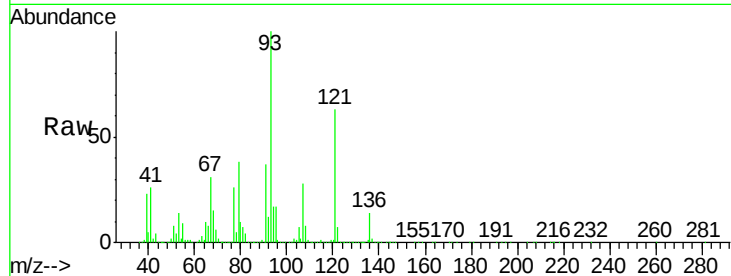
Tot Ion: 83 Resp: 6078

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 4150.387 ug/l

RT: 12.79 min Scan# 1813

Delta R.T. 0.16 min

Lab File: VY003016.D

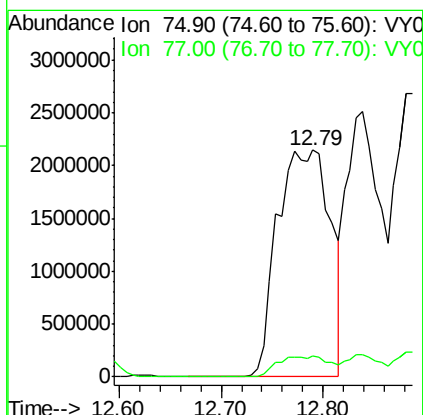
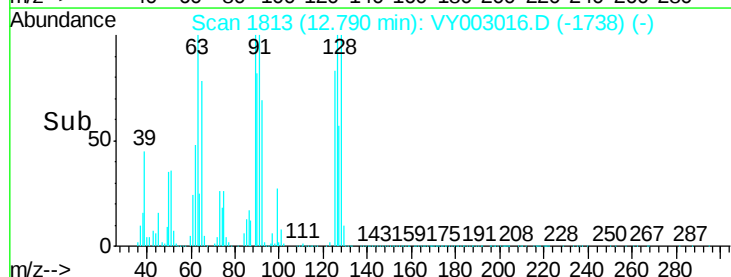
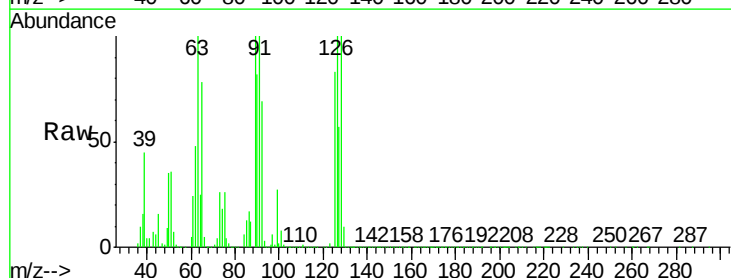
Acq: 29 Jun 2020 19:06

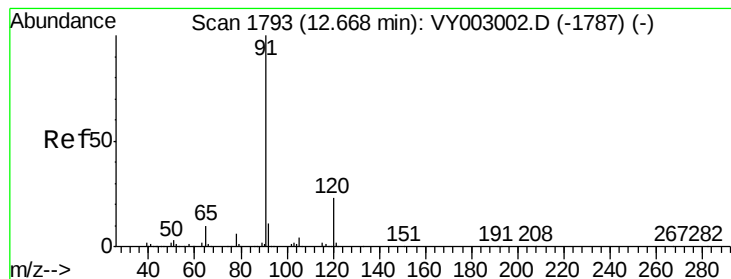
Tgt Ion: 75 Resp: 7728441

Ion Ratio Lower Upper

75 100

77 8.9 0.0 0.0#





#78

n-propylbenzene

Concen: 34.141 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.08 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

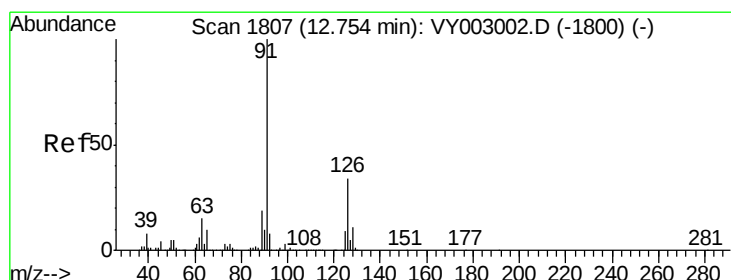
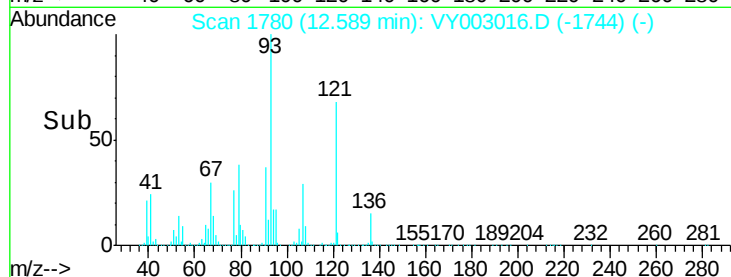
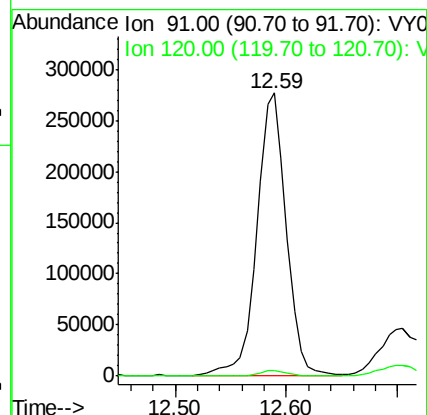
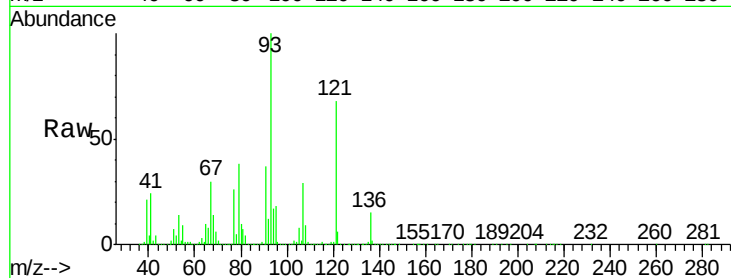
EPEC-POLYMERS-04

Tot Ion: 91 Resp: 505580

Ion Ratio Lower Upper

91 100

120 1.9 11.5 34.5#



#79

2-Chlorotoluene

Concen: 451.260 ug/l

RT: 12.75 min Scan# 1806

Delta R.T. -0.01 min

Lab File: VY003016.D

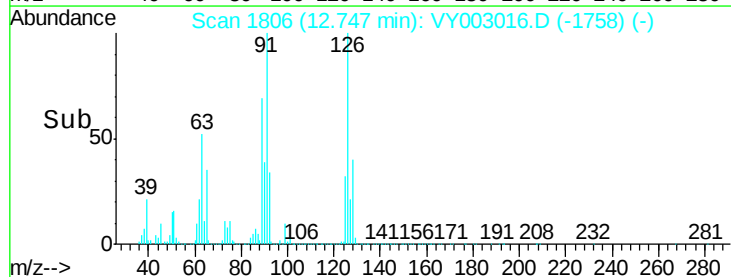
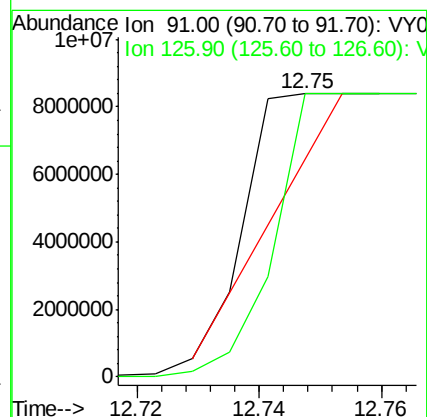
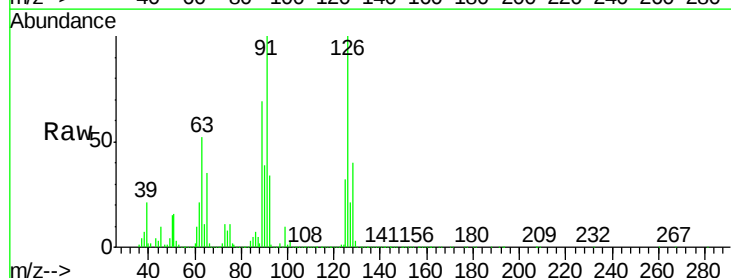
Acq: 29 Jun 2020 19:06

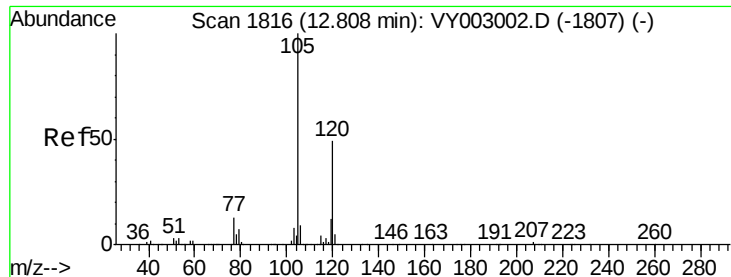
Tgt Ion: 91 Resp: 3730085

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.3#





#80

1,3,5-Trimethylbenzene

Concen: 8.695 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

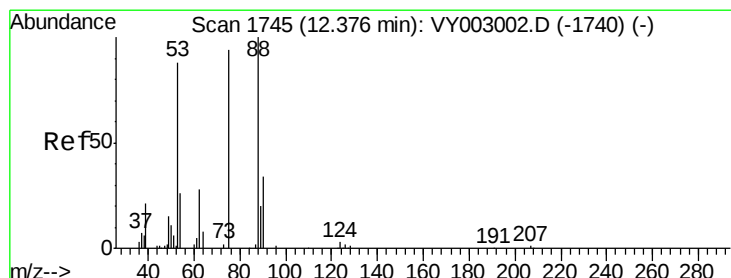
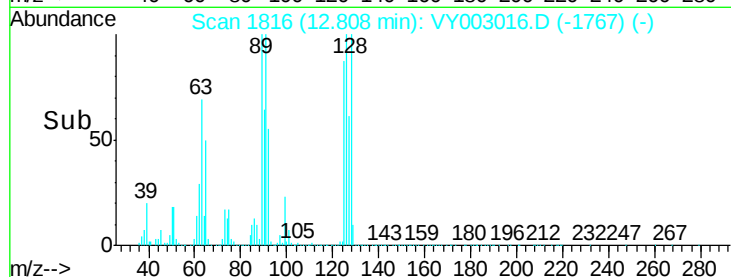
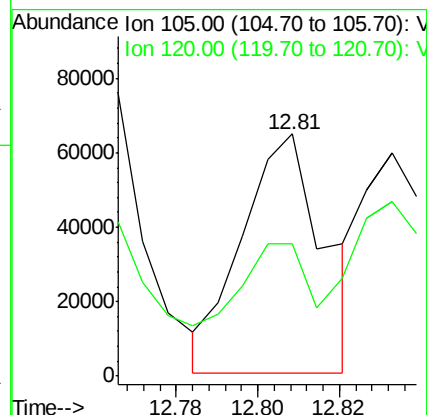
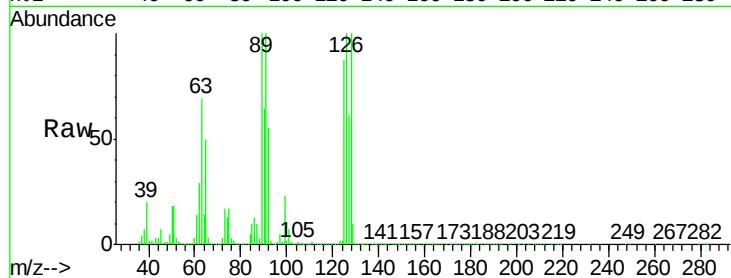
EPEC-POLYMERS-04

Tot Ion:105 Resp: 89849

Ion Ratio Lower Upper

105 100

120 53.2 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 90.543 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.11 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

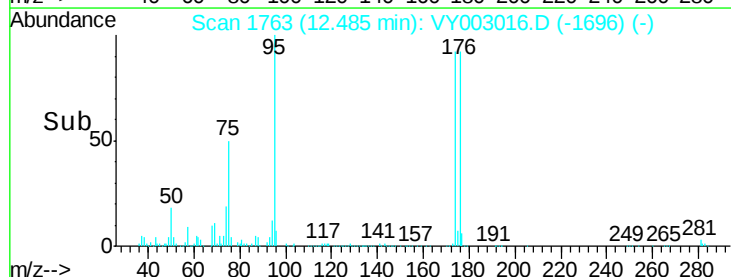
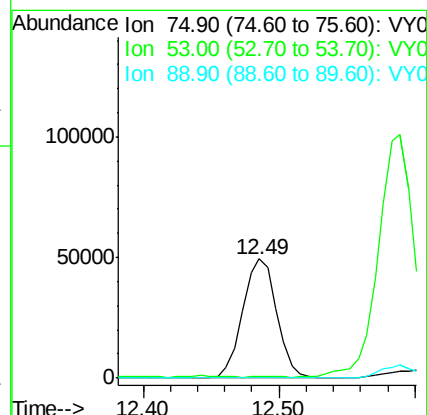
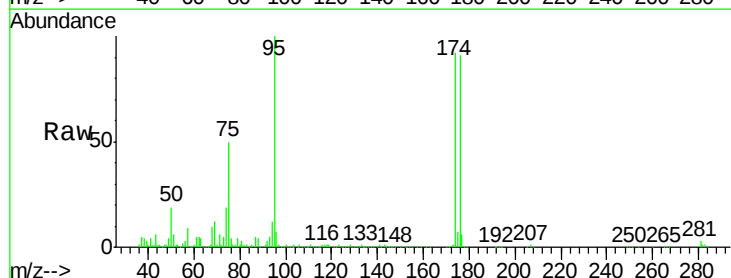
Tgt Ion: 75 Resp: 86658

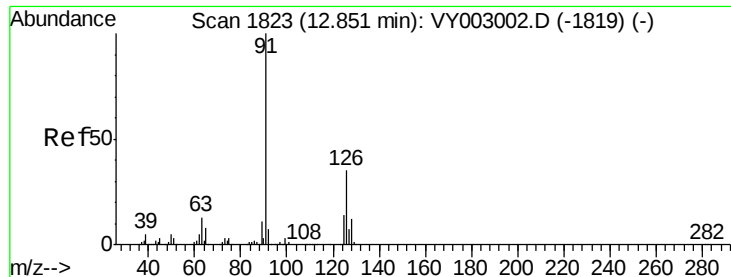
Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.5 56.3#





#82

4-Chlorotoluene

Concen: 433.421 ug/l

RT: 12.75 min Scan# 1806

Delta R.T. -0.10 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

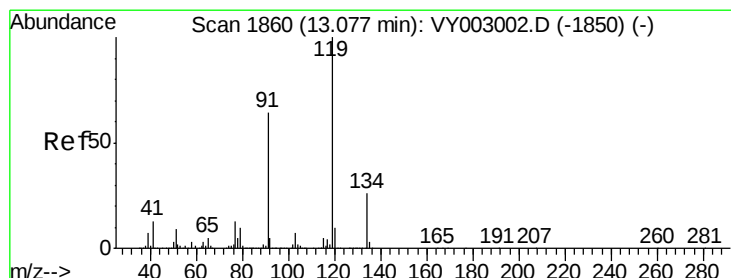
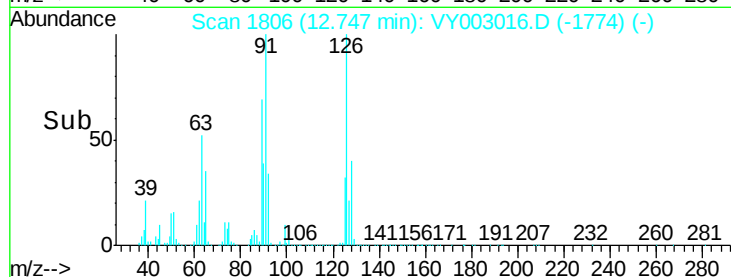
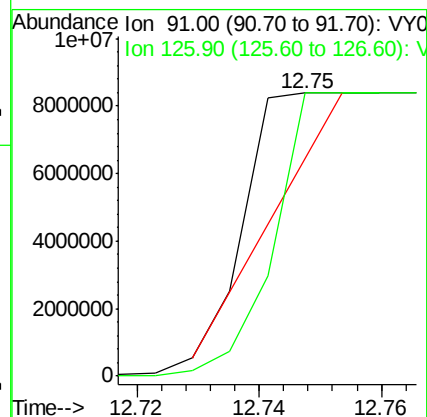
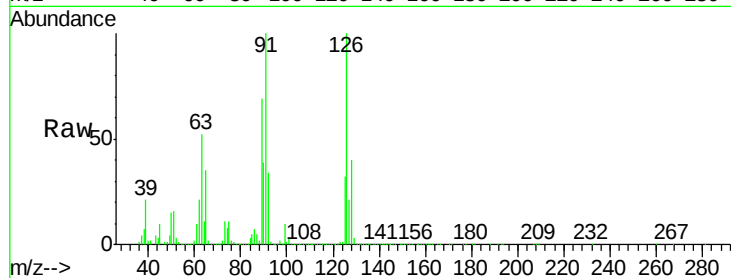
EPEC-POLYMERS-04

Tot Ion: 91 Resp: 3730085

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#83

tert-Butylbenzene

Concen: 7.540 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.05 min

Lab File: VY003016.D

Acq: 29 Jun 2020 19:06

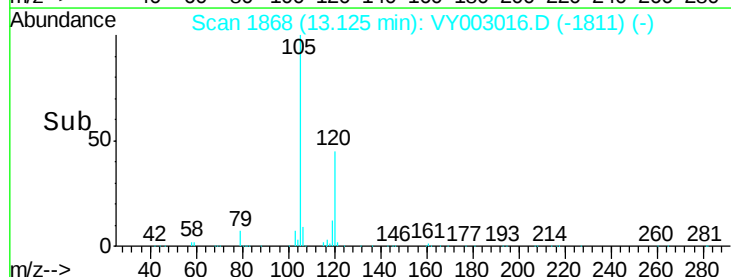
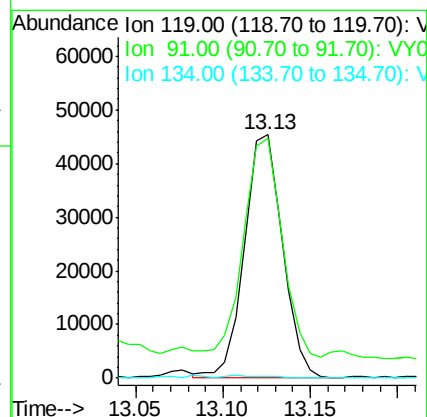
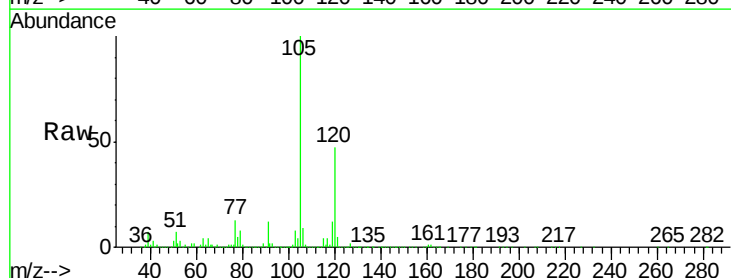
Tgt Ion: 119 Resp: 68415

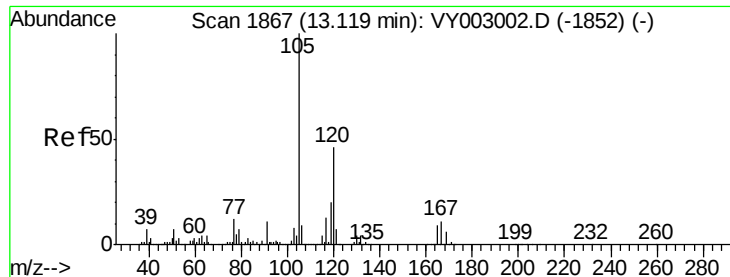
Ion Ratio Lower Upper

119 100

91 0.0 31.6 95.0#

134 0.0 13.2 39.5#

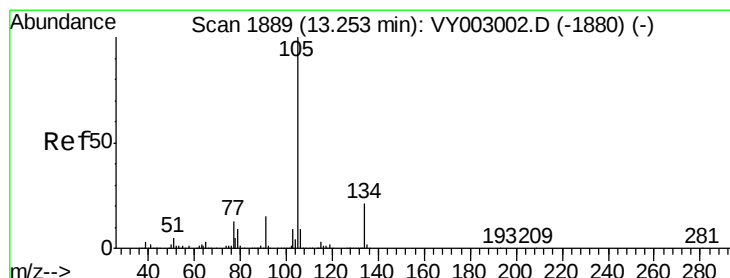
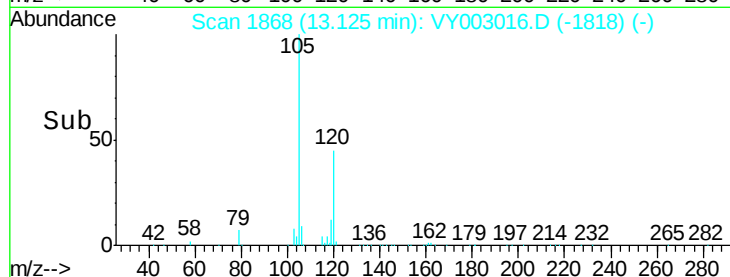
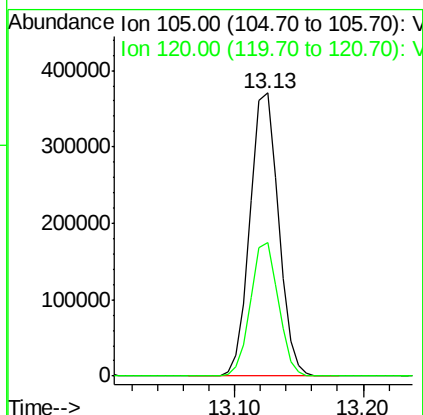
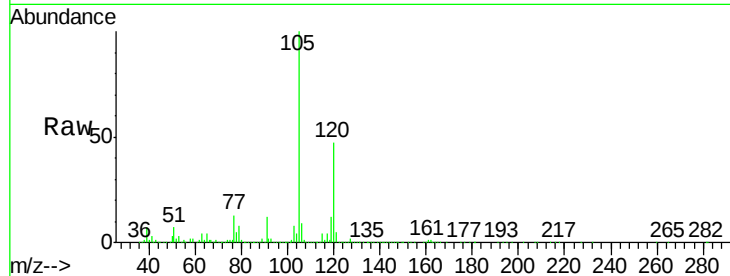




#84
 1,2,4-Trimethylbenzene
 Concen: 54.169 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

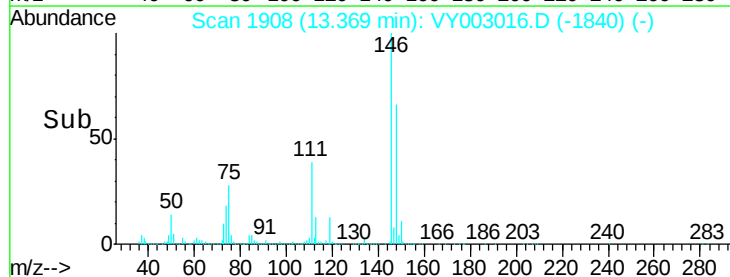
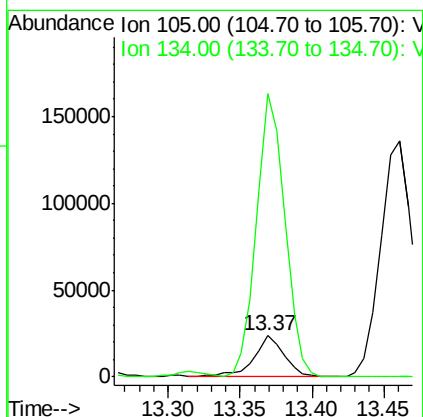
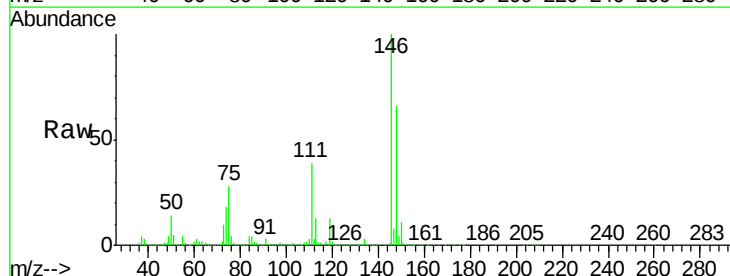
Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-04

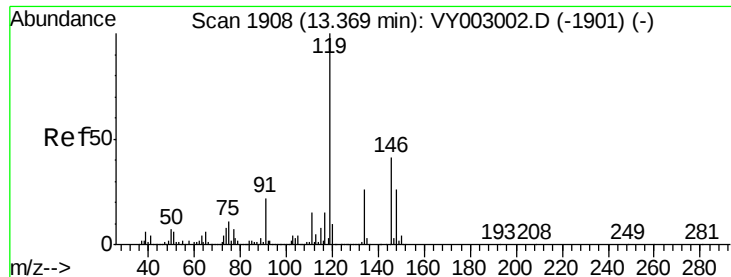
Tot Ion:105 Resp: 564001
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 2.683 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.12 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

Tgt Ion:105 Resp: 33557
 Ion Ratio Lower Upper
 105 100
 134 661.6 10.4 31.2#

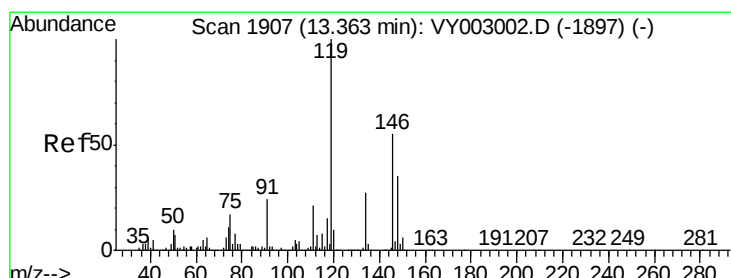
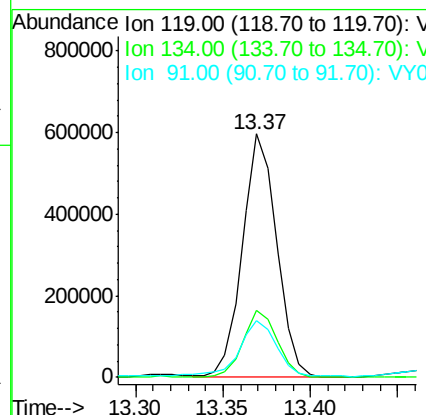
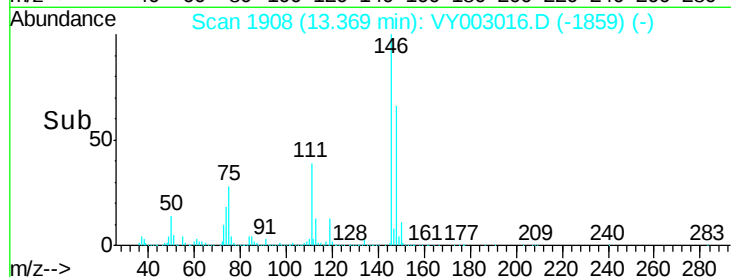
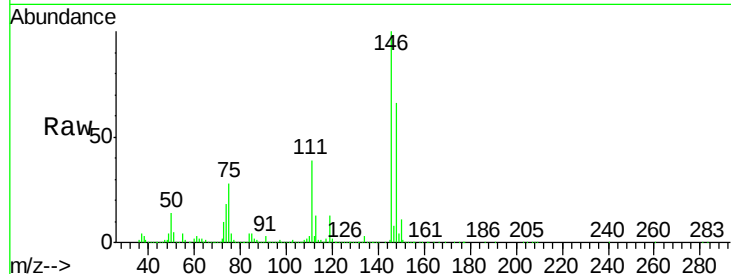




#86
p-Isopropyltoluene
Concen: 70.429 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

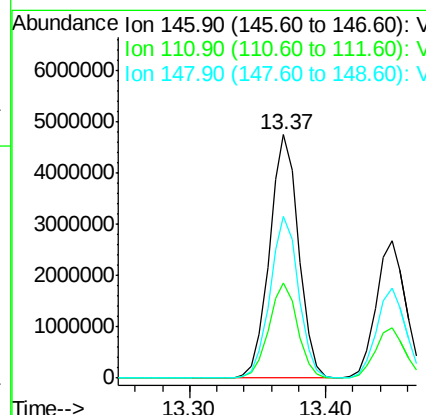
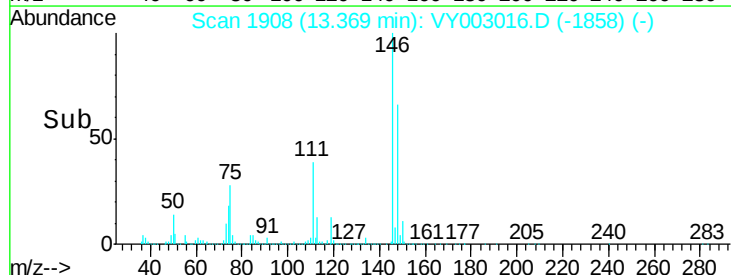
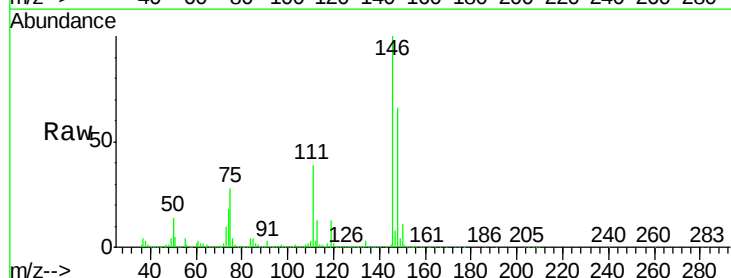
Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-04

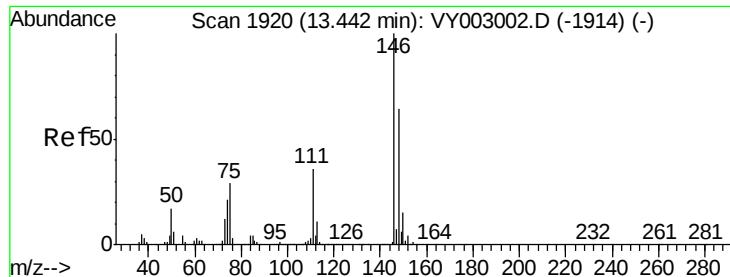
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.4
91	24.7	11.5	34.5



#87
1,3-Dichlorobenzene
Concen: 1203.761 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY003016.D
Acq: 29 Jun 2020 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.8	56.3
148	65.5	31.8	95.3

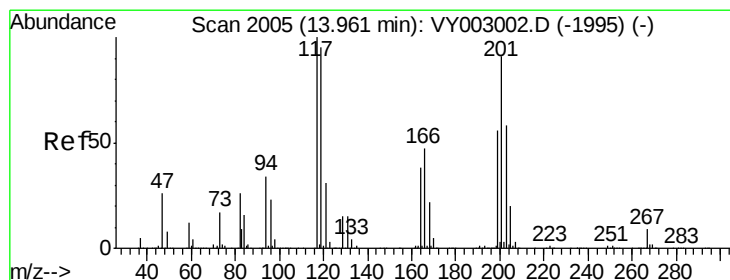
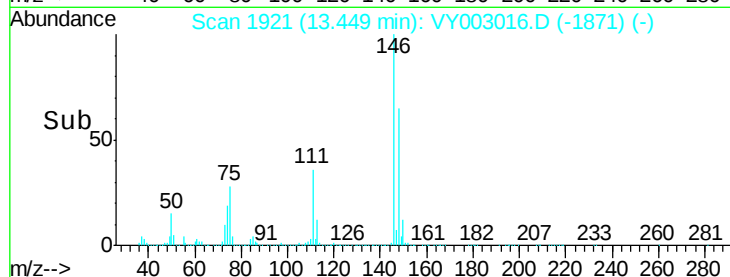
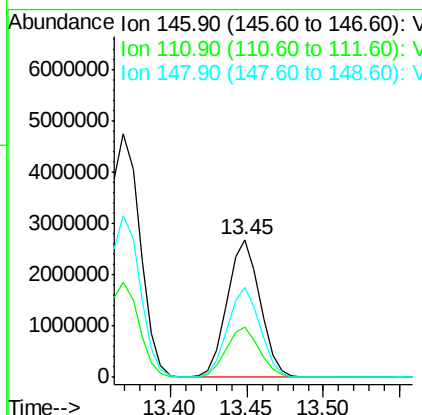
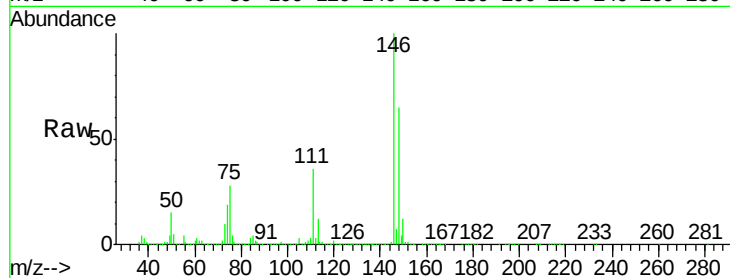




#88
 1,4-Dichlorobenzene
 Concen: 688.648 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

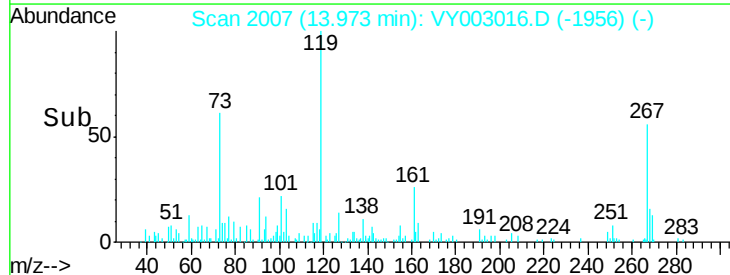
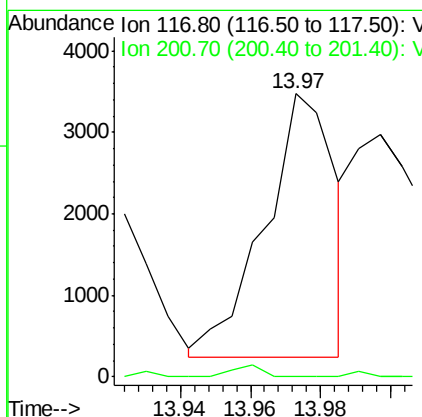
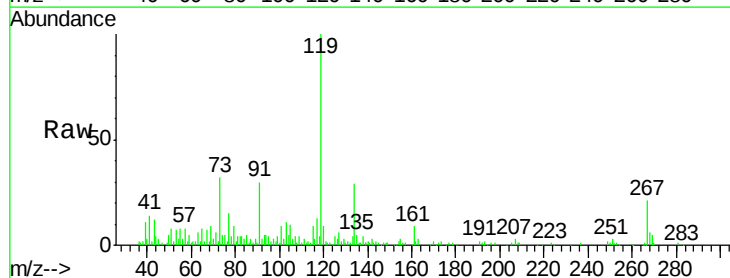
Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-04

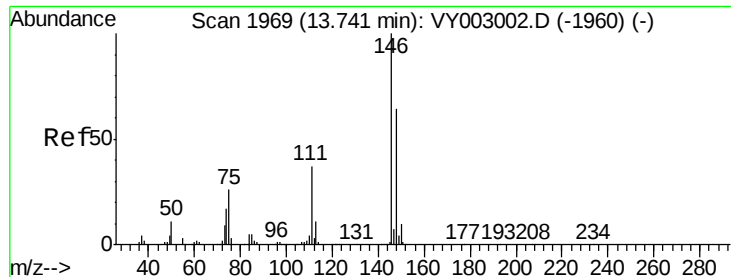
Tot Ion:146 Resp: 4002609
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.4
 148 64.8 32.3 96.9



#90
 Hexachloroethane
 Concen: 1.963 ug/l
 RT: 13.97 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

Tgt Ion:117 Resp: 4516
 Ion Ratio Lower Upper
 117 100
 201 1.9 45.5 136.4#

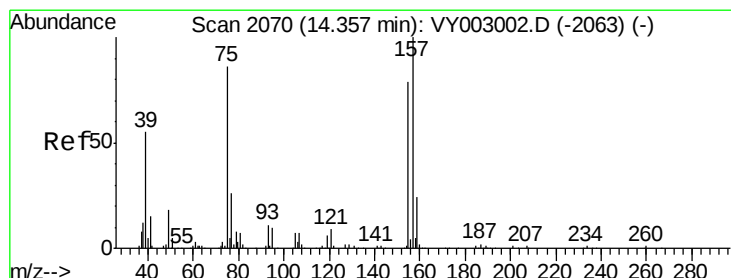
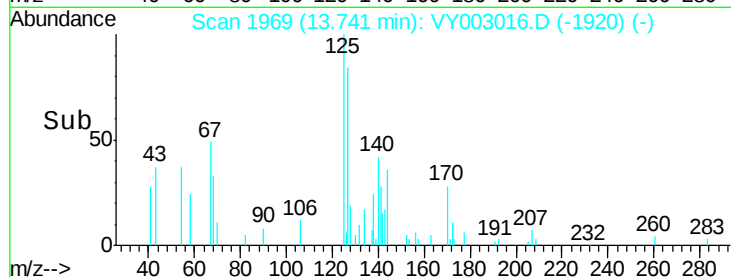
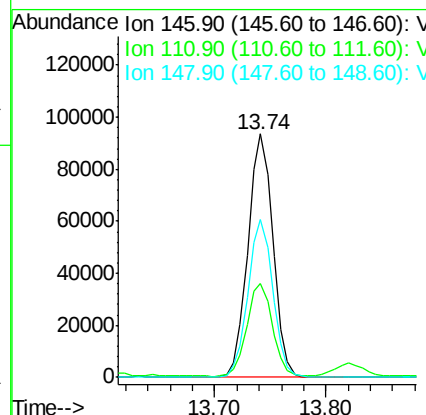
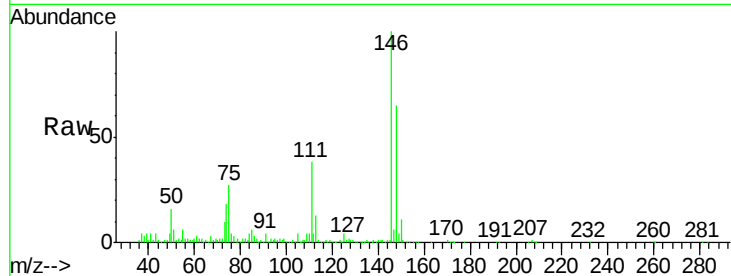




#91
 1,2-Dichlorobenzene
 Concen: 27.662 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

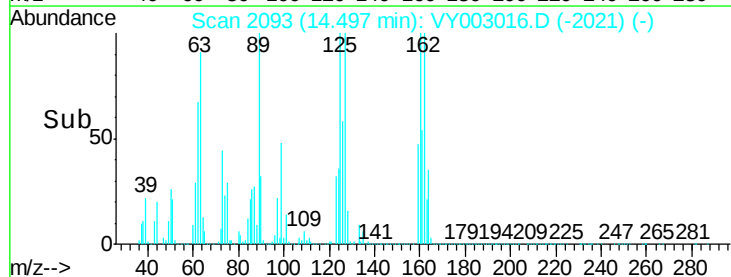
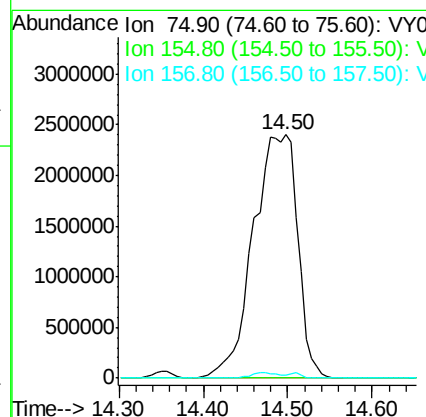
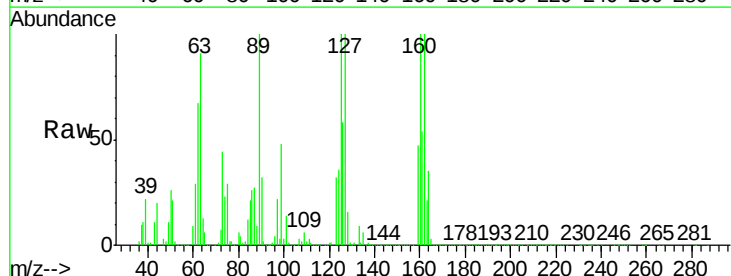
Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-04

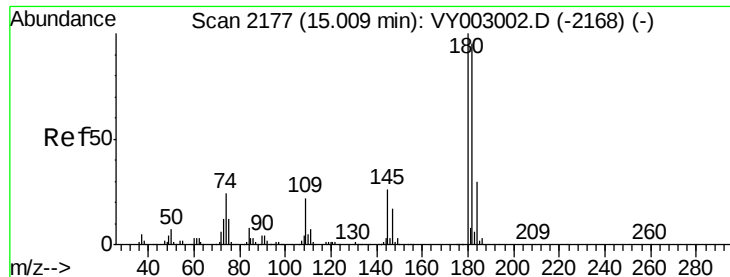
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	64.6	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19629.973 ug/l
 RT: 14.50 min Scan# 2093
 Delta R.T. 0.14 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.1	46.5	139.3#
157	0.6	59.2	177.5#

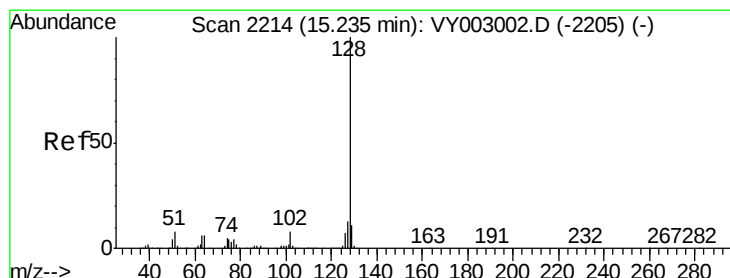
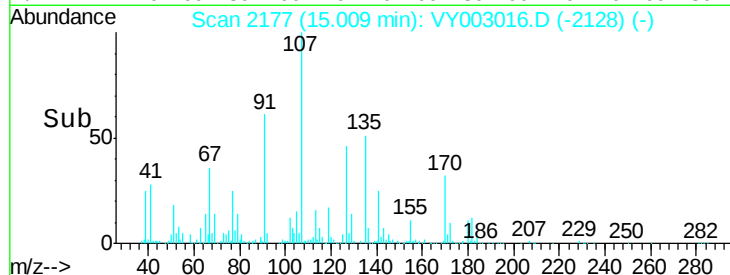
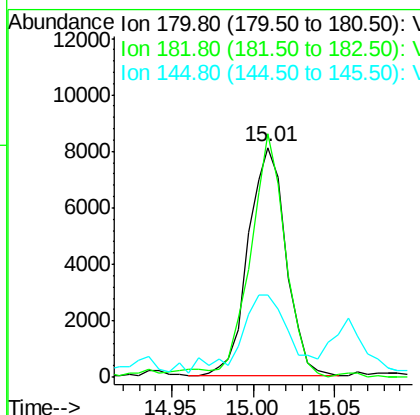
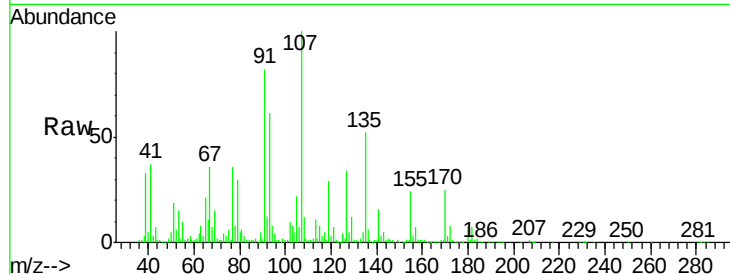




#93
 1,2,4-Trichlorobenzene
 Concen: 3.321 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-04

Tot Ion:180 Resp: 13051
 Ion Ratio Lower Upper
 180 100
 182 100.5 48.1 144.3
 145 42.3 13.9 41.6#



#95
 Naphthalene
 Concen: 23.797 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: VY003016.D
 Acq: 29 Jun 2020 19:06

Tgt Ion:128 Resp: 170807
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.8 16.2
 129 11.4 8.8 13.2

