

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003014.D
 Acq On : 29 Jun 2020 18:18
 Operator : SY/MD
 Sample : L3148-02
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-02

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:39 PM

Quant Time: Jun 30 07:07:30 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	362903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	584051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	555306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	277495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	207102	57.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.92%	
35) Dibromofluoromethane	7.73	113	194658	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.18	98	706364	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.48	95	255931	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
Target Compounds						
16) Acetone	3.96	43	29371	34.551	ug/l	99
20) Methylene Chloride	4.72	84	76811	15.429	ug/l	95
25) 2-Butanone	6.99	43	8700	6.443	ug/l #	86
52) Toluene	10.25	92	12891	1.330	ug/l	96
65) Chlorobenzene	11.52	112	155119	14.167	ug/l	98
68) m/p-Xylenes	11.70	106	23572	3.162	ug/l	98
69) o-Xylene	12.03	106	153715	21.880	ug/l	99
79) 2-Chlorotoluene	12.76	91	10574883	867.422	ug/l	96
82) 4-Chlorotoluene	12.86	91	27742m	2.186	ug/l	
84) 1,2,4-Trimethylbenzene	13.12	105	19080	1.242	ug/l	95

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

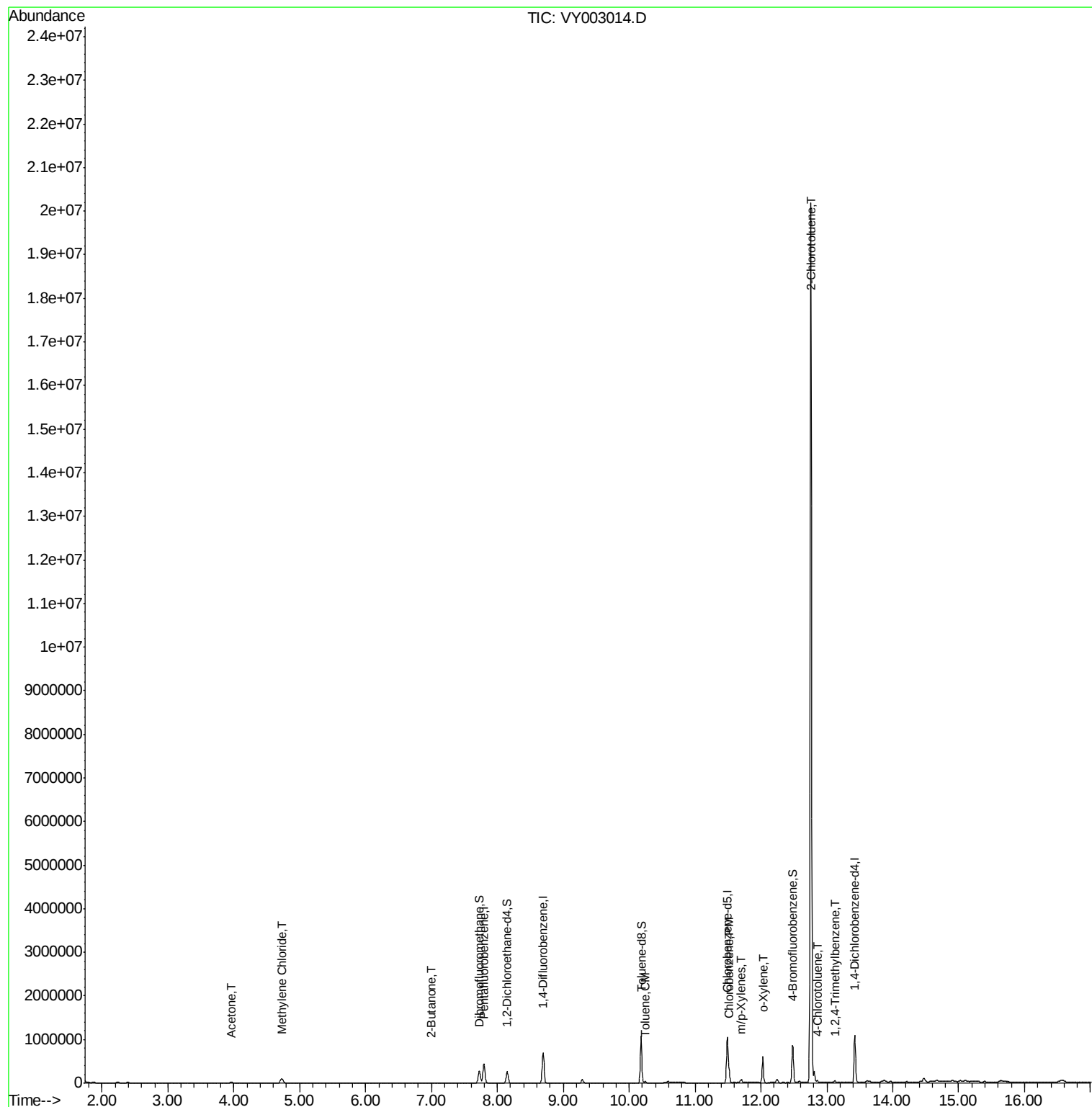
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003014.D
Acq On : 29 Jun 2020 18:18
Operator : SY/MD
Sample : L3148-02
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

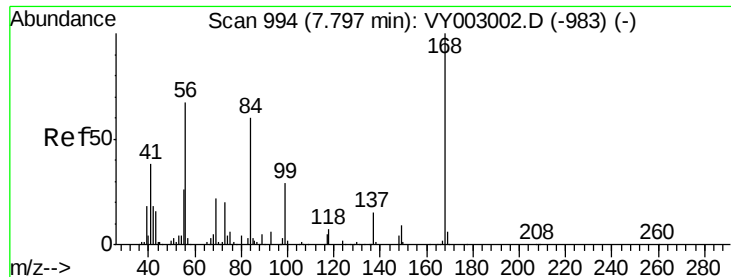
Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-02

Manual Integrations
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Quant Time: Jun 30 07:07:30 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003014.D

Acq: 29 Jun 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-02

Tot Ion:168 Resp: 362903

Ion Ratio Lower Upper

168 100

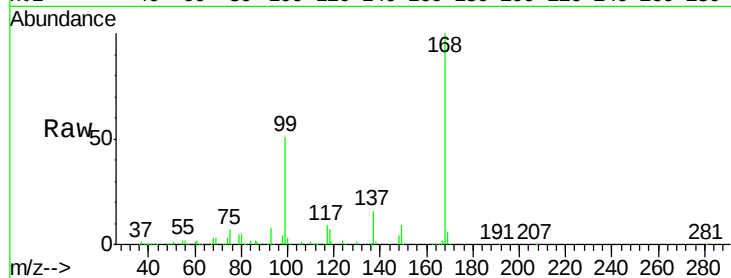
99 51.4 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

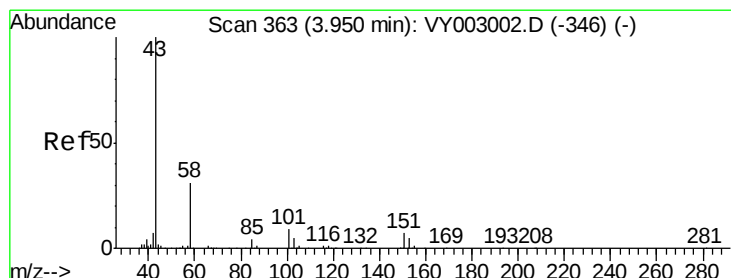
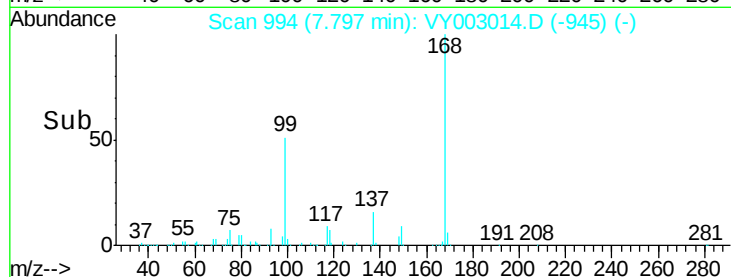
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 34.551 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003014.D

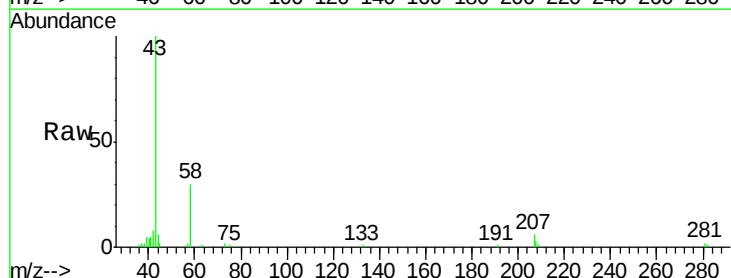
Acq: 29 Jun 2020 18:18

Tgt Ion: 43 Resp: 29371

Ion Ratio Lower Upper

43 100

58 30.2 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

10000

8000

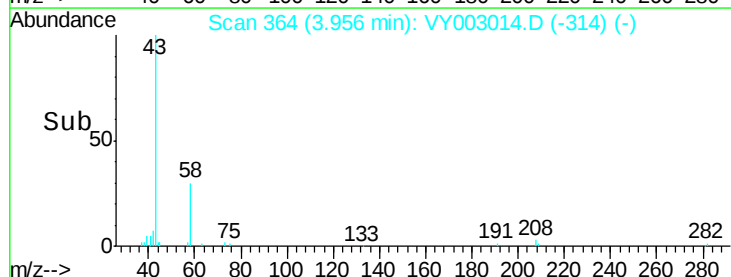
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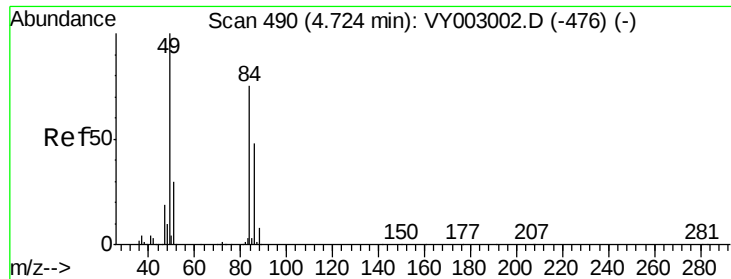
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2000

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Time-->





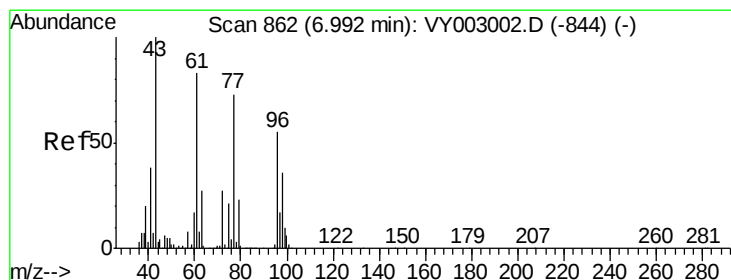
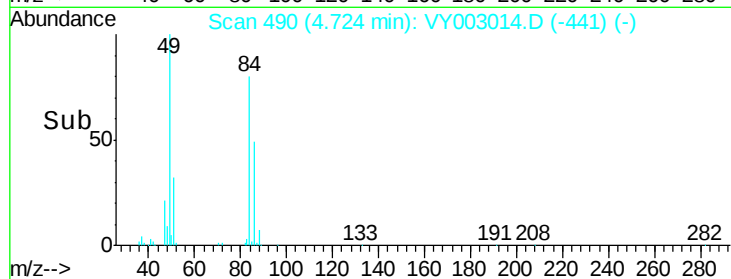
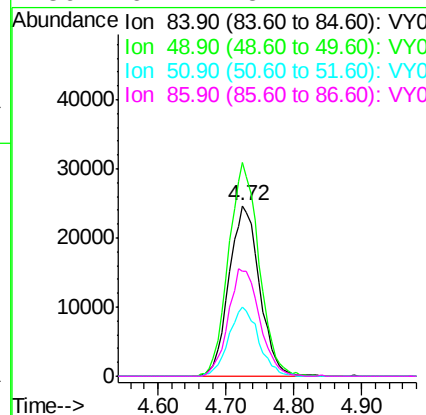
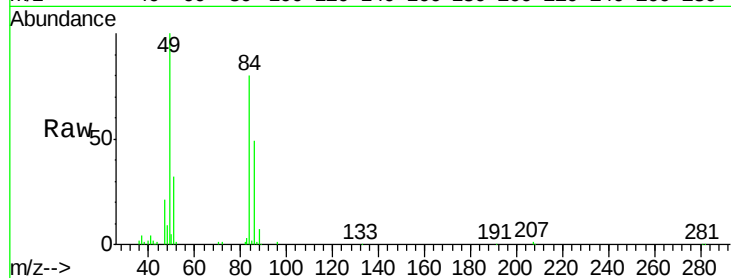
#20
Methvlene Chloride
Concen: 15.429 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-02

Tot Ion:	84	Resp:	76811
Ion Ratio	Lower	Upper	
84	100		
49	125.2	106.8	160.2
51	40.4	32.0	48.0
86	61.7	51.4	77.2

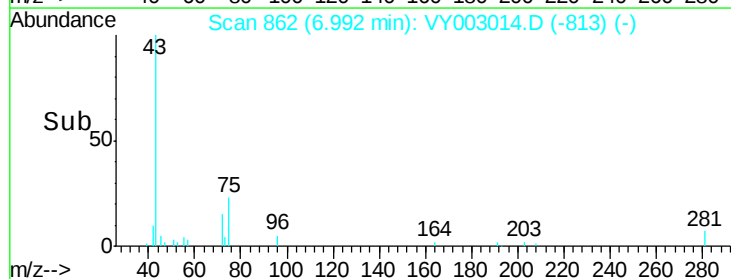
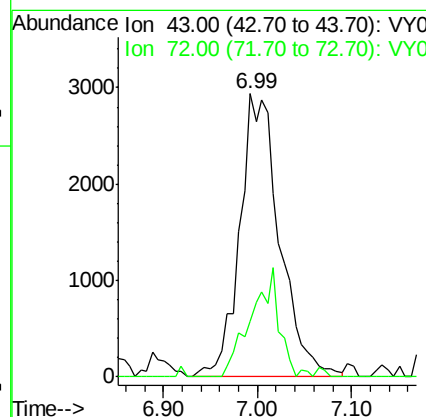
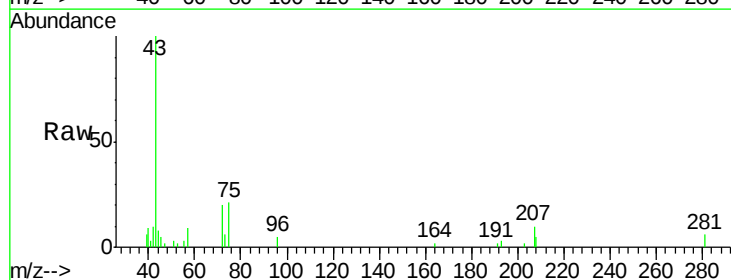
Manual Integrations
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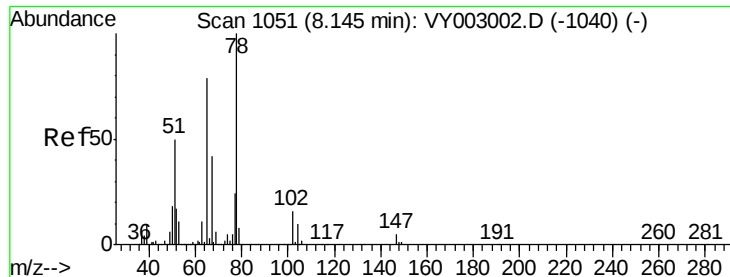
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#25
2-Butanone
Concen: 6.443 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Tgt Ion:	43	Resp:	8700
Ion Ratio	Lower	Upper	
43	100		
72	19.5	21.4	32.0#





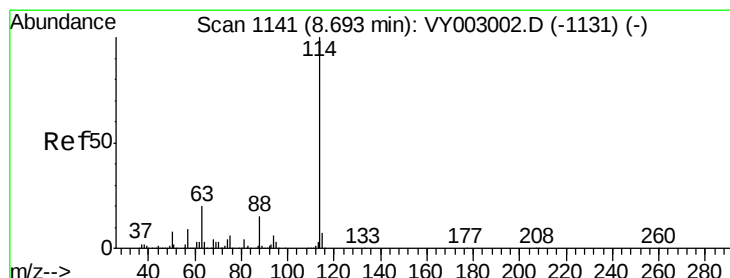
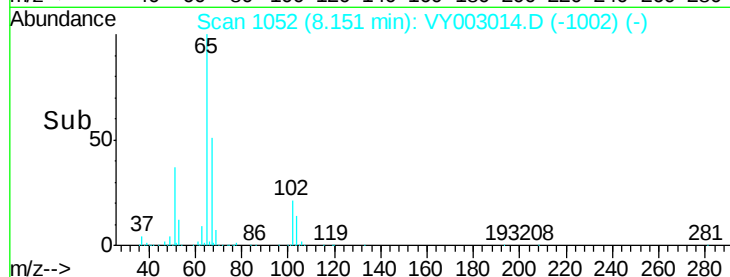
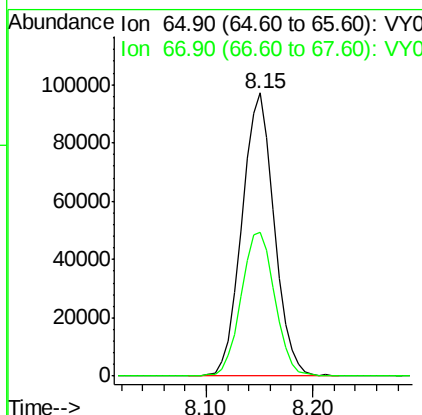
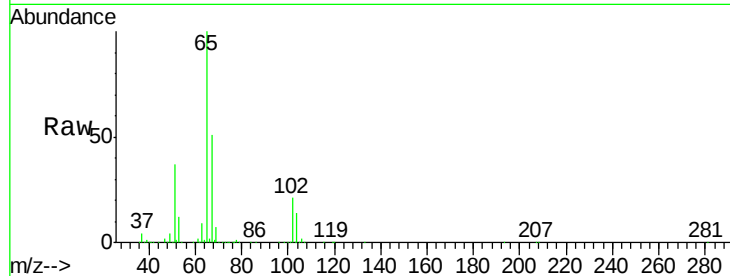
#33
 1,2-Dichloroethane-d4
 Concen: 57.459 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003014.D
 Acq: 29 Jun 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 EPEC-POLYMERS-02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.0	0.0	105.6	

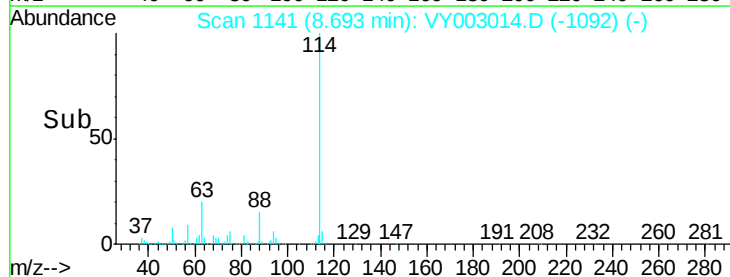
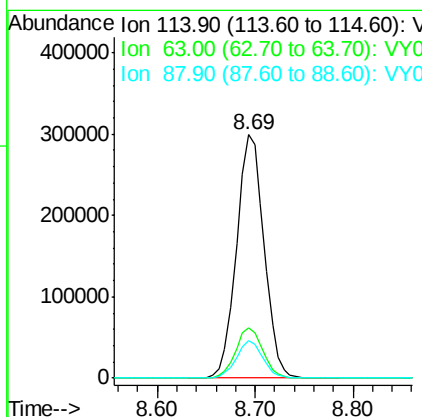
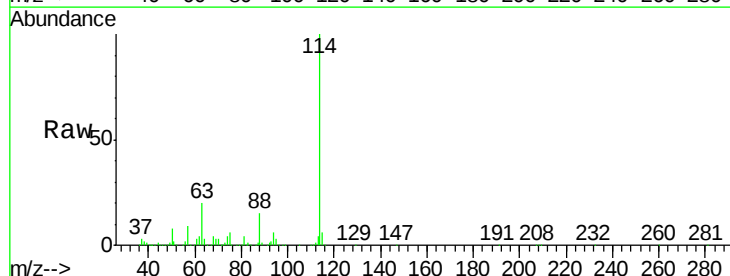
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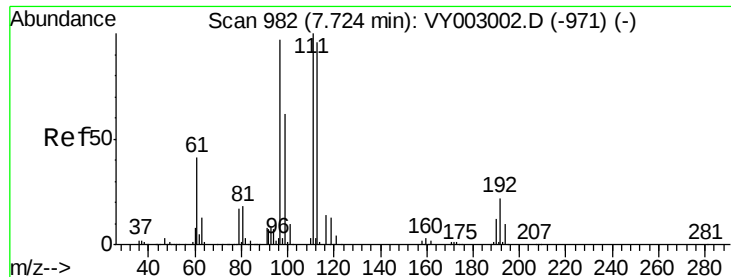
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003014.D
 Acq: 29 Jun 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	40.6	
88	15.4	0.0	30.0	





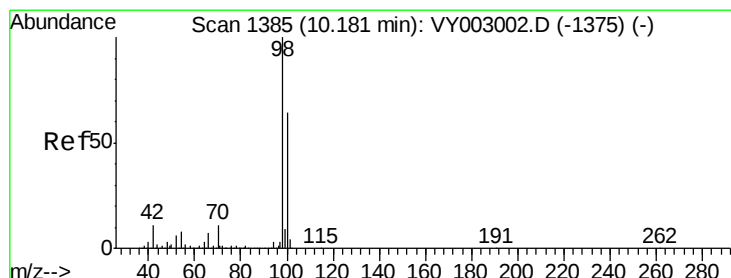
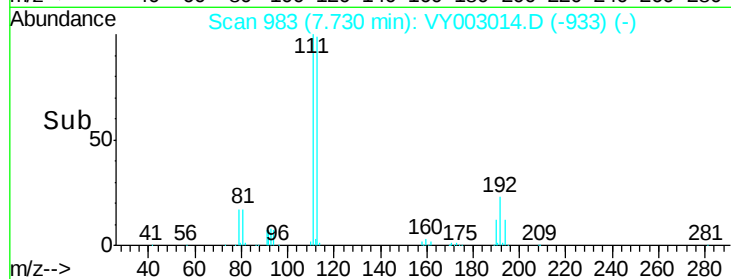
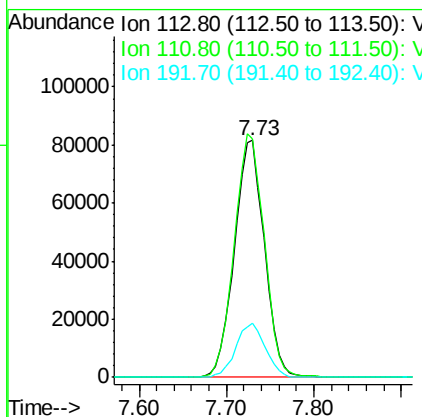
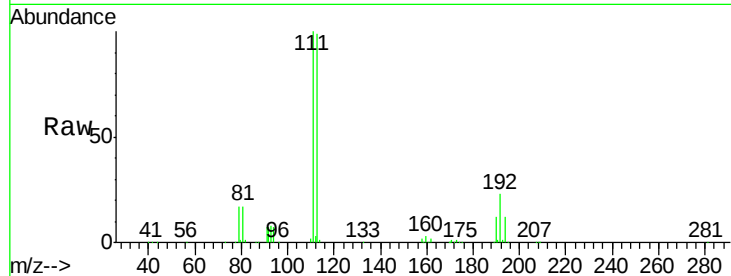
#35
Dibromofluoromethane
Concen: 53.427 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	194658		
111	102.8	82.6	123.8	
192	22.4	18.1	27.1	

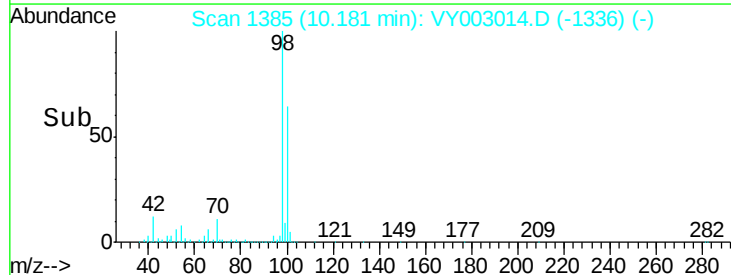
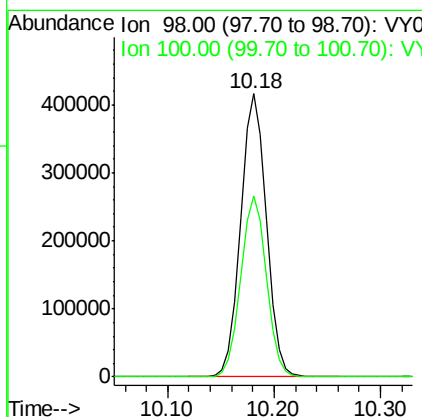
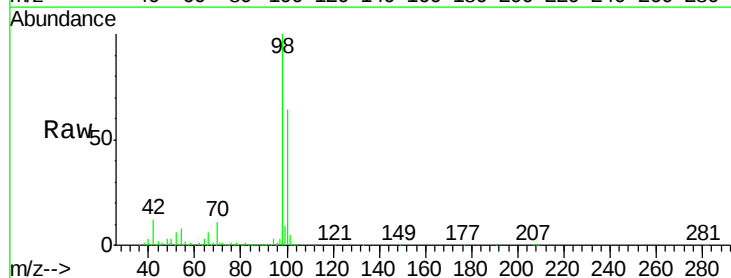
Manual Integrations
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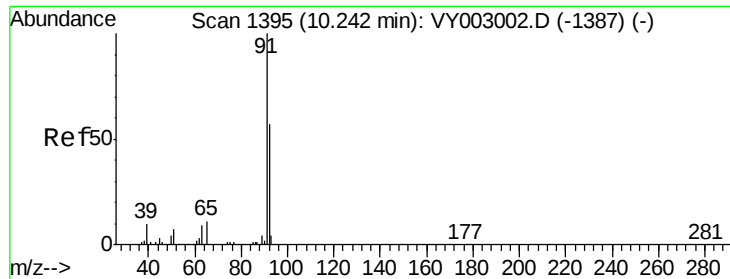
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#50
Toluene-d8
Concen: 52.041 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	706364		
100	63.8	51.1	76.7	





#52

Toluene

Concen: 1.330 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003014.D

Acq: 29 Jun 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-02

Tot Ion: 92 Resp: 12891

Ion Ratio Lower Upper

92 100

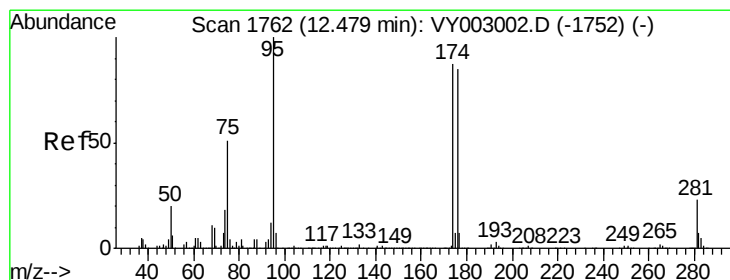
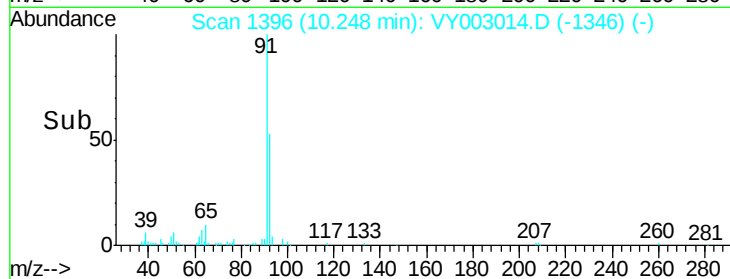
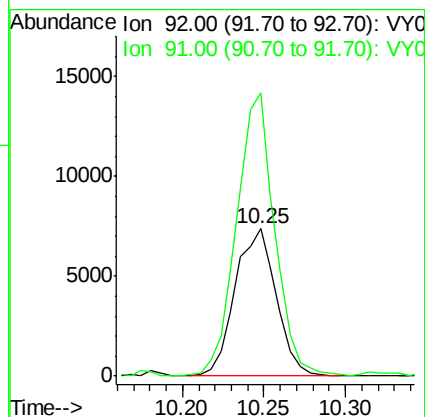
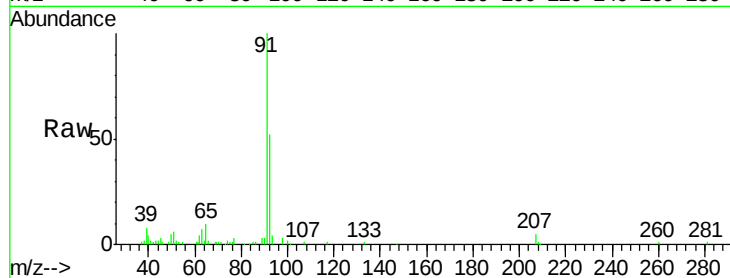
91 179.8 139.6 209.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.566 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003014.D

Acq: 29 Jun 2020 18:18

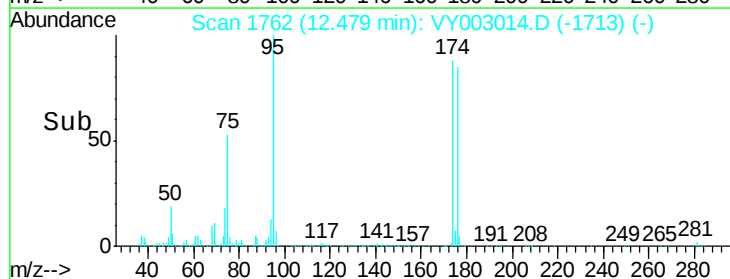
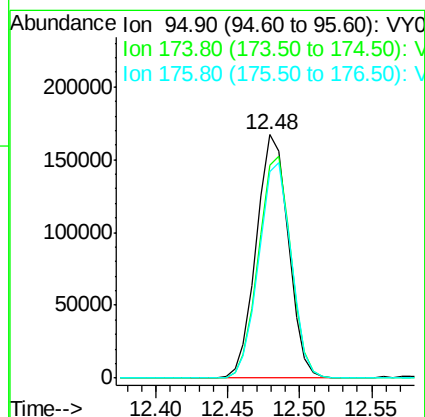
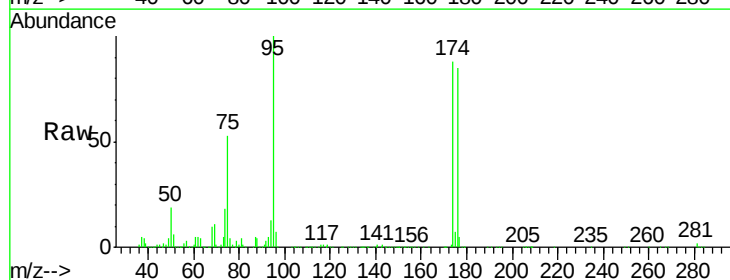
Tgt Ion: 95 Resp: 255931

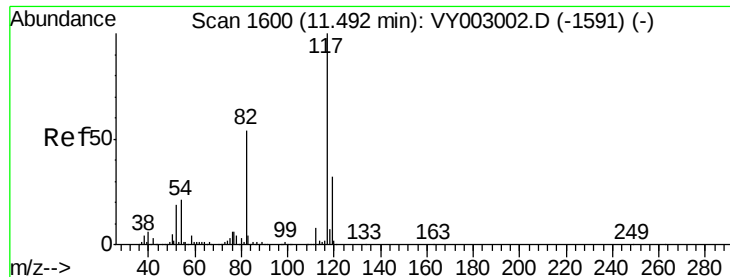
Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.8

176 89.8 0.0 183.0





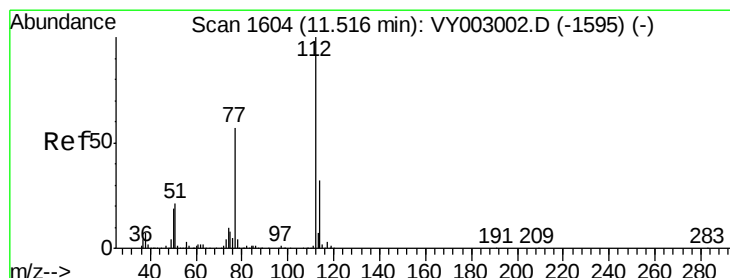
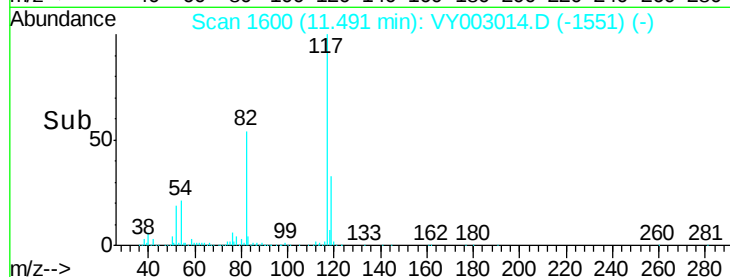
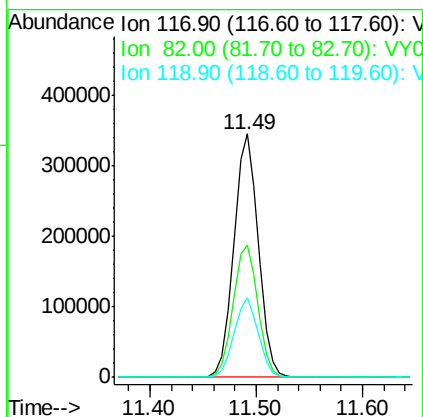
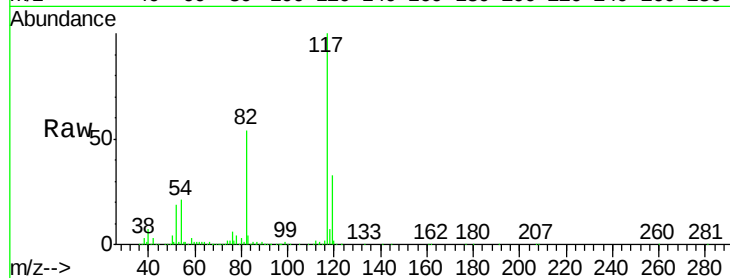
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.6
119	32.7	25.8	38.8

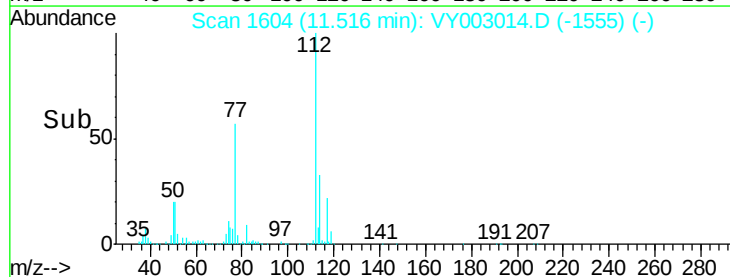
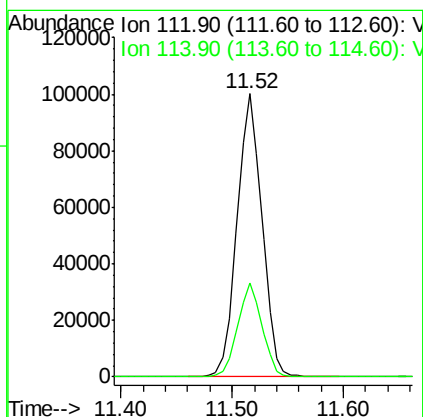
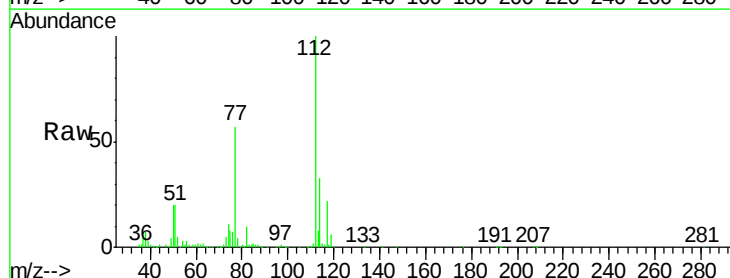
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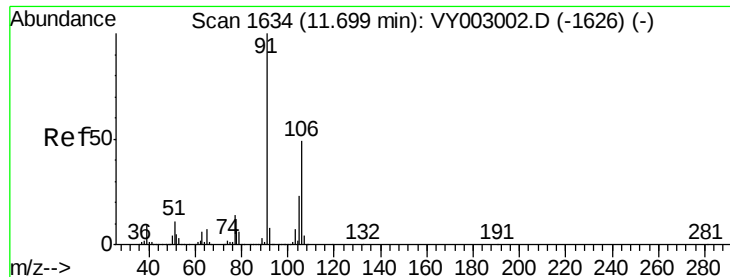
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#65
Chlorobenzene
Concen: 14.167 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.7	38.5





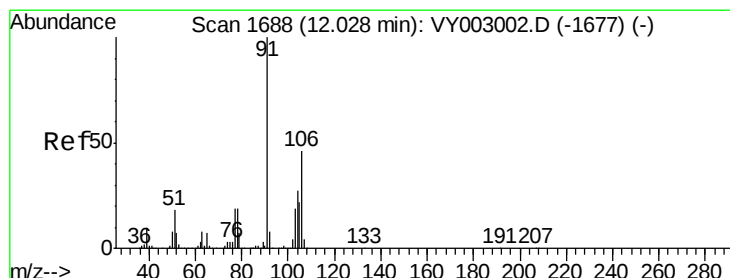
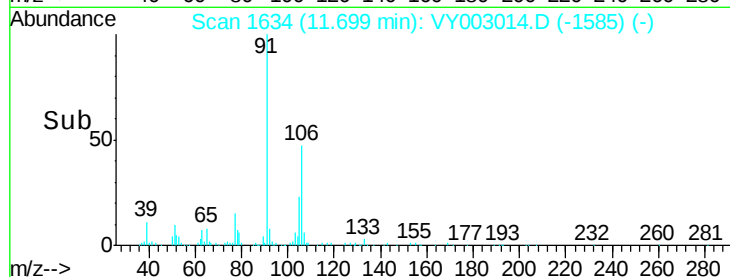
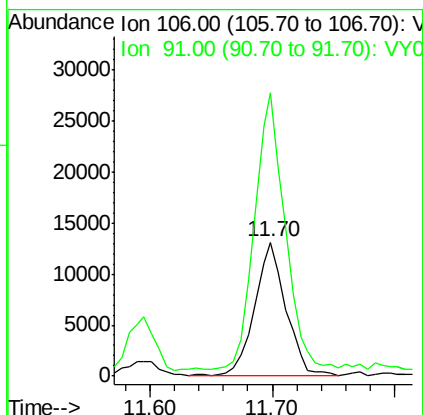
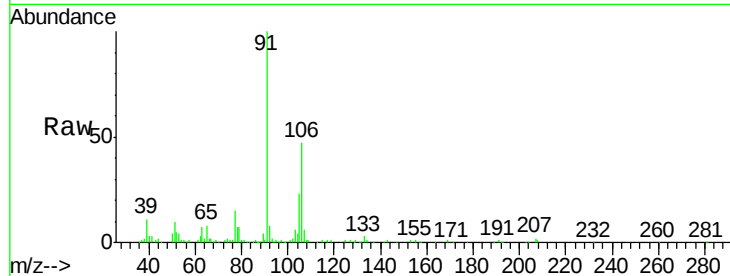
#68
m/p-Xylenes
Concen: 3.162 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-02

Tot Ion:106 Resp: 23572
Ion Ratio Lower Upper
106 100
91 199.6 161.9 242.9

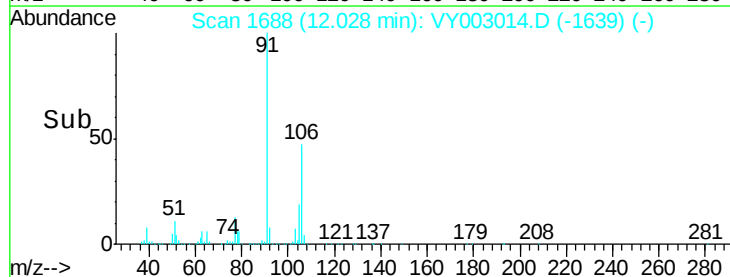
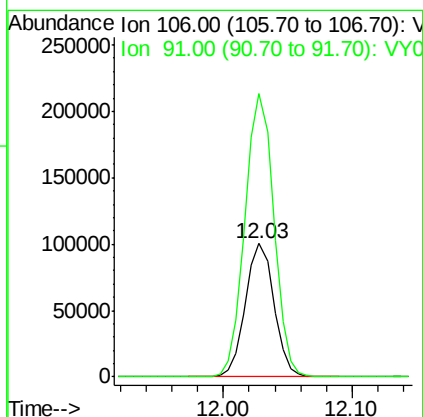
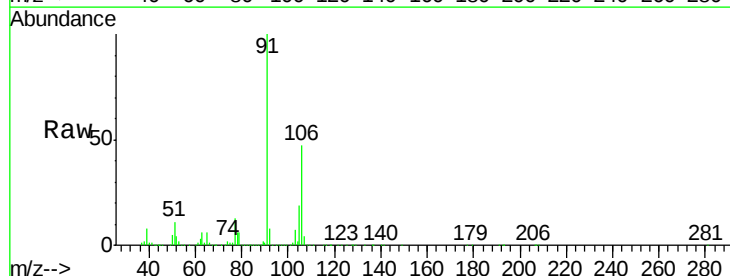
Manual Integrations
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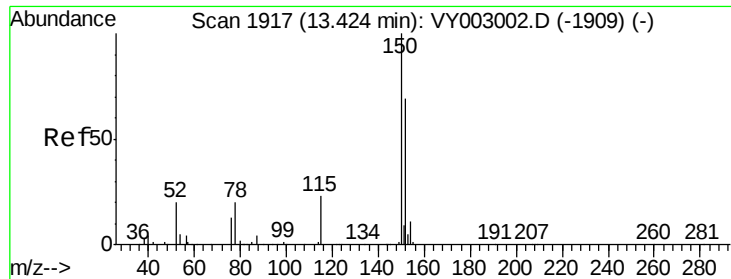
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#69
o-Xylene
Concen: 21.880 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Tgt Ion:106 Resp: 153715
Ion Ratio Lower Upper
106 100
91 214.0 107.9 323.8





#72

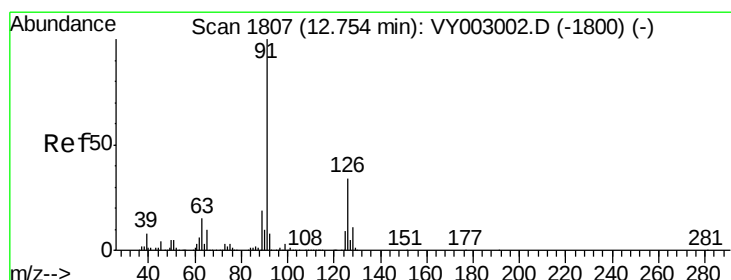
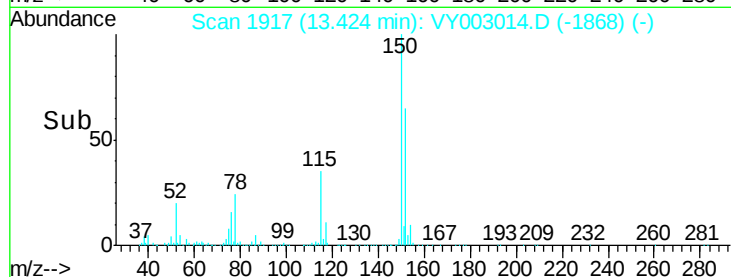
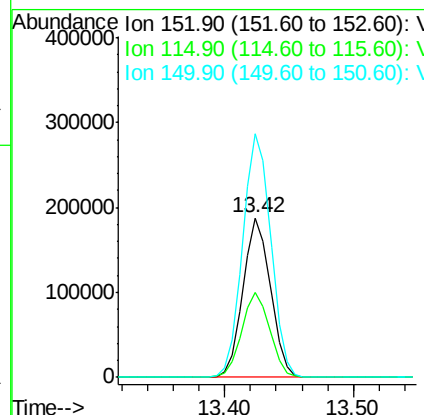
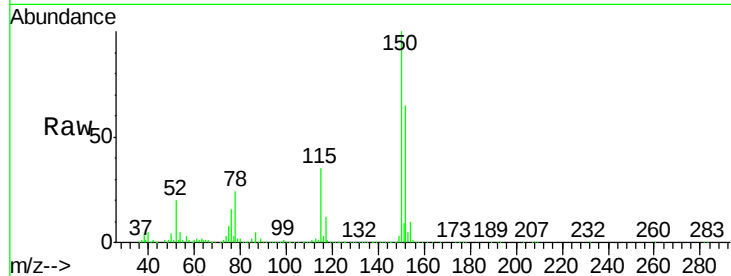
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-02

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.9
150	156.0	0.0	343.4

Manual Integrations
APPROVED

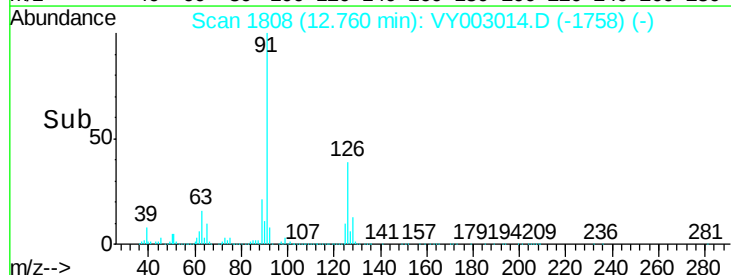
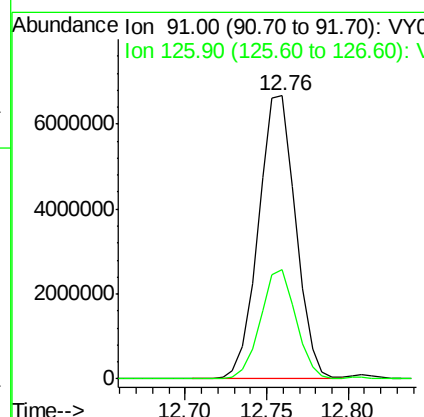
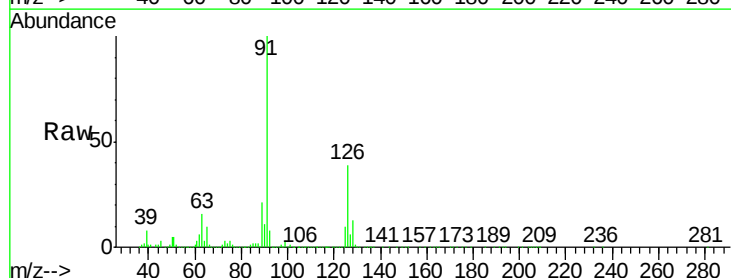
MMDadoda
6/30/2020 12:54:39 PM

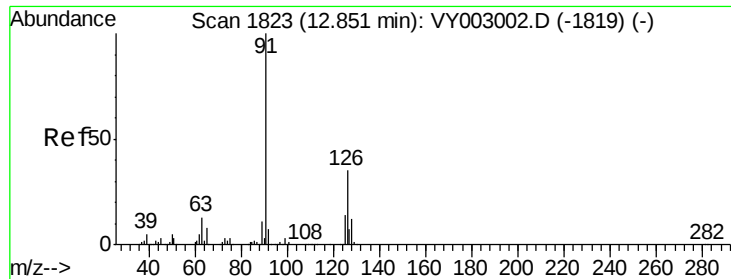


#79

2-Chlorotoluene
Concen: 867.422 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY003014.D
Acq: 29 Jun 2020 18:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	17.1	51.3





#82

4-Chlorotoluene

Concen: 2.186 ug/l m

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003014.D

Acq: 29 Jun 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

EPEC-POLYMERS-02

Tot Ion: 91 Resp: 27742

Ion Ratio Lower Upper

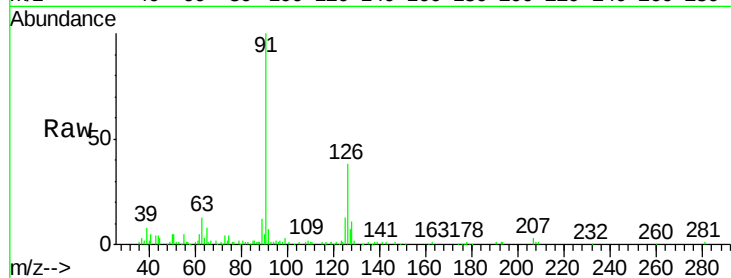
91 100

126 0.0 17.4 52.3#

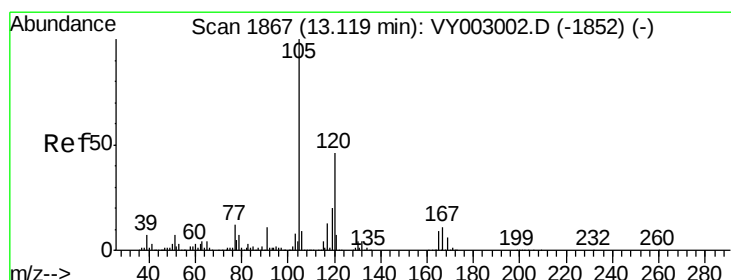
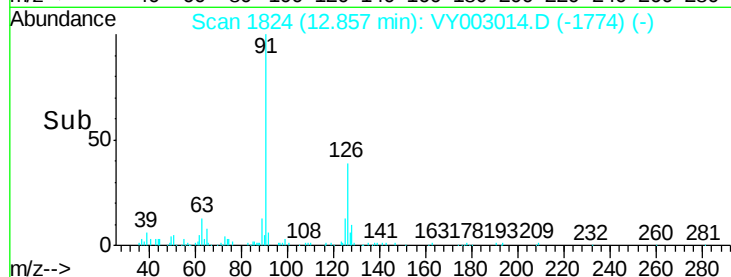
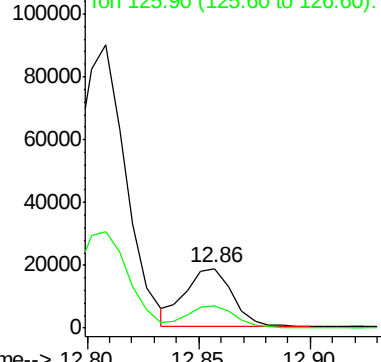
Manual Integrations
APPROVED

MMDadoda

6/30/2020 12:54:39 PM



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1819) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.242 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003014.D

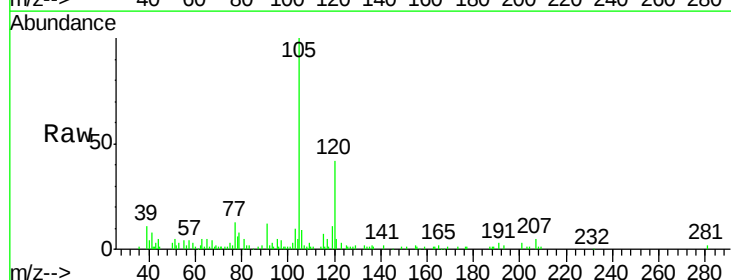
Acq: 29 Jun 2020 18:18

Tgt Ion: 105 Resp: 19080

Ion Ratio Lower Upper

105 100

120 48.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1852) (-)

