

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017165.D
 Acq On : 06 Jul 2020 14:09
 Operator : JC/SP
 Sample : L3148-04ME 10X
 Misc : 4.26g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EPEC-POLYMERS-04ME

Manual Integrations
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 7/7/2020 12:24:38 PM

Quant Time: Jul 06 16:04:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	265539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	258071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168101	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	5.47	113	144486	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
50) Toluene-d8	8.70	98	523911	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.12	95	235888	60.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.14%	
Target Compounds						
52) Toluene	8.76	92	3692	0.496	ug/l	98
65) Chlorobenzene	10.12	112	11632	1.240	ug/l	93
68) m/p-Xylenes	10.34	106	2461	0.409	ug/l	98
69) o-Xylene	10.68	106	12609	2.204	ug/l	99
79) 2-Chlorotoluene	11.40	91	1290358	111.536	ug/l	99
82) 4-Chlorotoluene	11.49	91	503464	36.404	ug/l	92
87) 1,3-Dichlorobenzene	12.01	146	14700	1.742	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	9242m	0.974	ug/l	

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

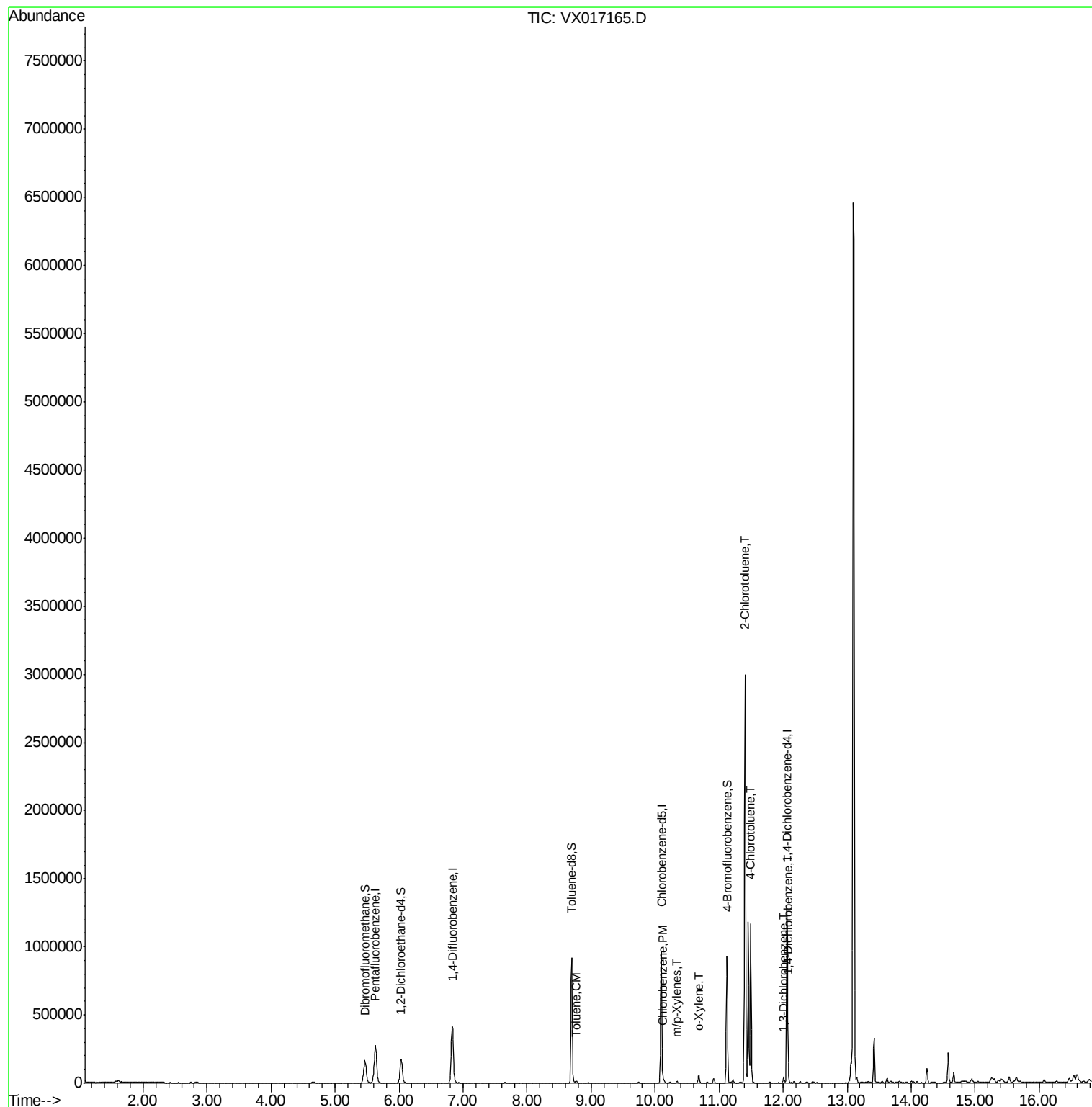
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070620\
Data File : VX017165.D
Acq On : 06 Jul 2020 14:09
Operator : JC/SP
Sample : L3148-04ME 10X
Misc : 4.26g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EPEC-POLYMERS-04ME

Manual Integrations
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Quant Time: Jul 06 16:04:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017165.D

Acq: 06 Jul 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

EPEC-POLYMERS-04ME

Tot Ion:168 Resp: 265539

Ion Ratio Lower Upper

168 100

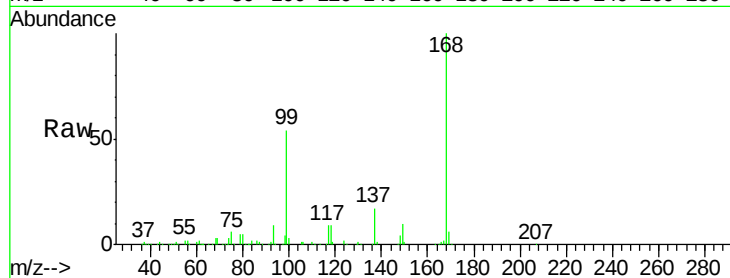
99 54.0 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

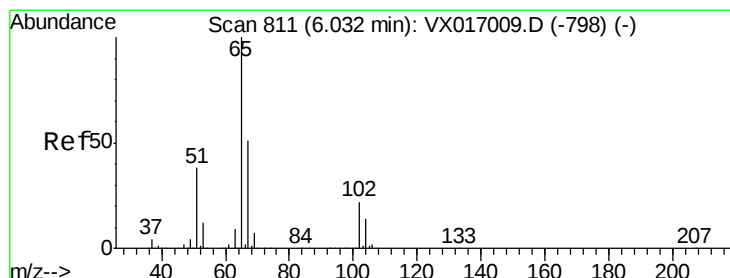
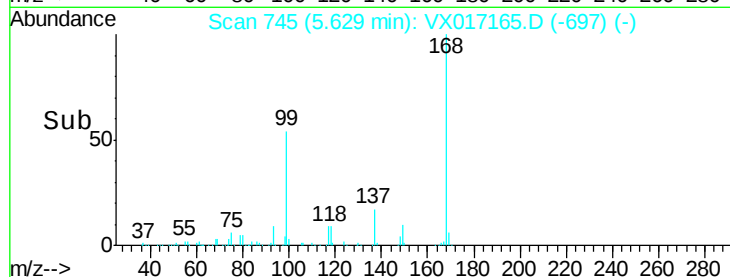
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.351 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017165.D

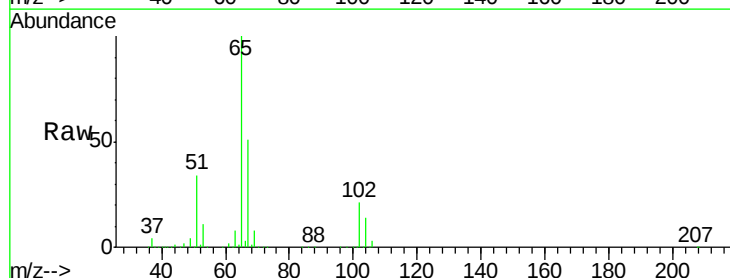
Acq: 06 Jul 2020 14:09

Tgt Ion: 65 Resp: 168101

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

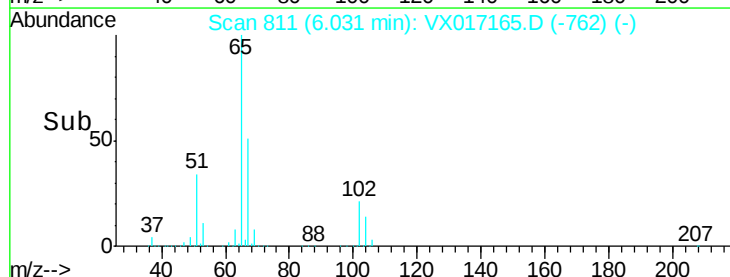
60000

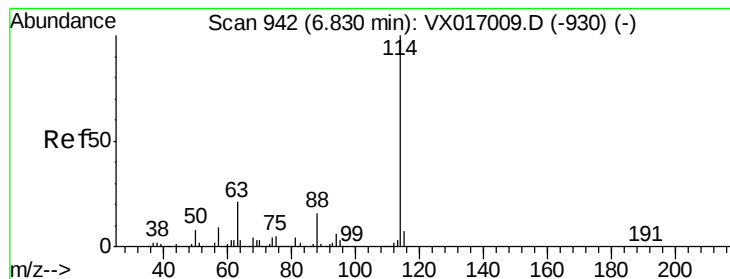
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017165.D

Acq: 06 Jul 2020 14:09

Instrument :

MSVOA_X

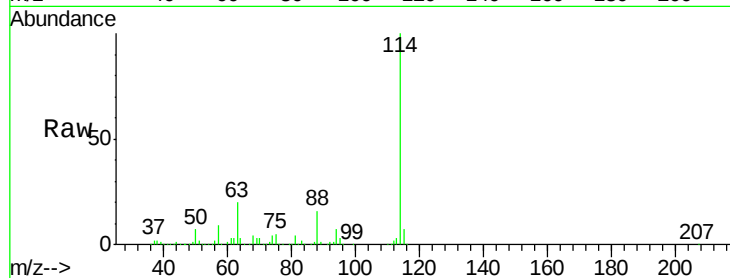
ClientSampleId :

EPEC-POLYMERS-04ME

Tot Ion:	114	Resp:	429443
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	41.4
88	16.1	0.0	32.4

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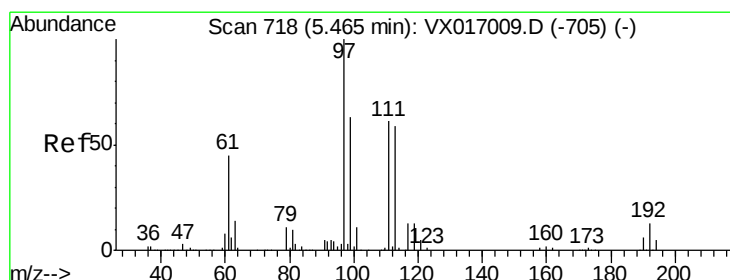
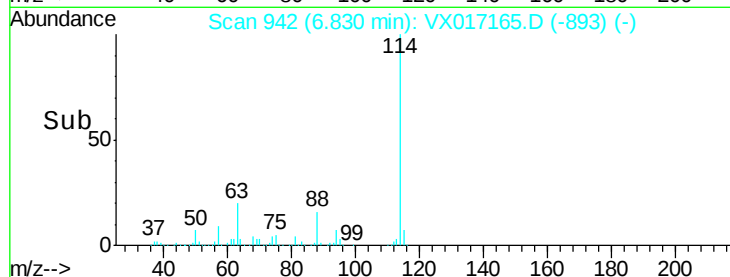
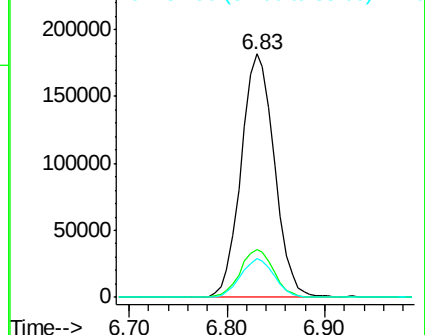
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 53.188 ug/l

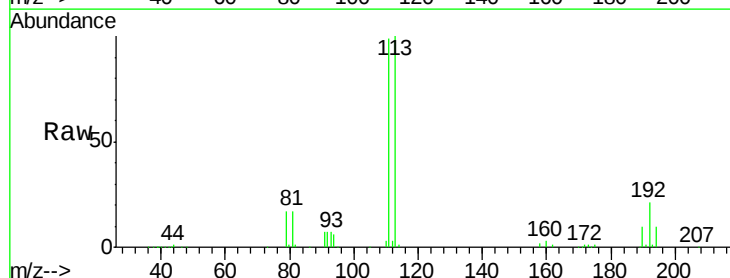
RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017165.D

Acq: 06 Jul 2020 14:09

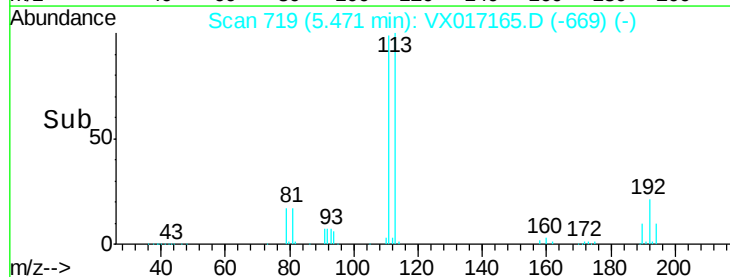
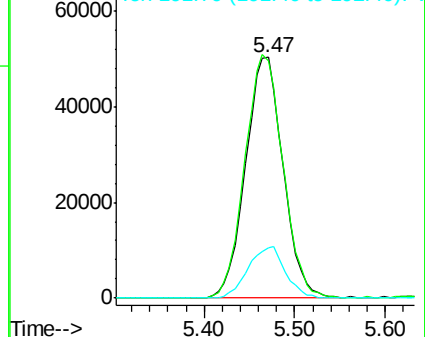
Tgt Ion:	113	Resp:	144486
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.9	122.9
192	21.3	16.7	25.1

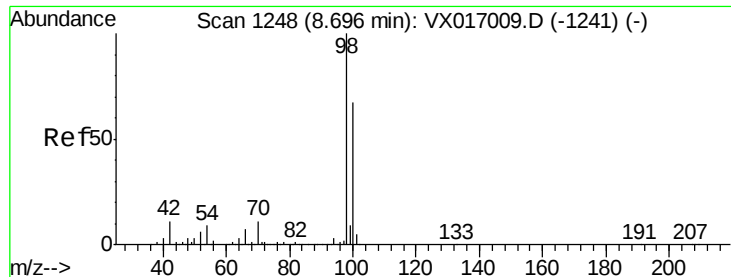


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.156 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017165.D

Acq: 06 Jul 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

EPEC-POLYMERS-04ME

Tot Ion: 98 Resp: 523911

Ion Ratio Lower Upper

98 100

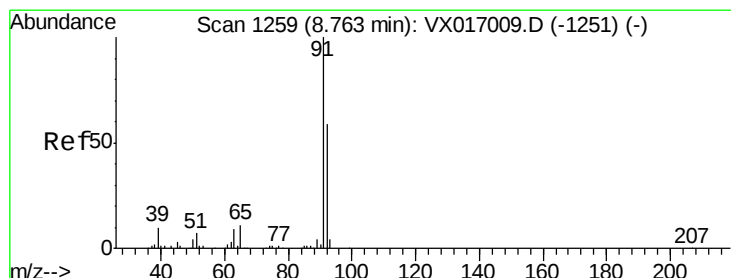
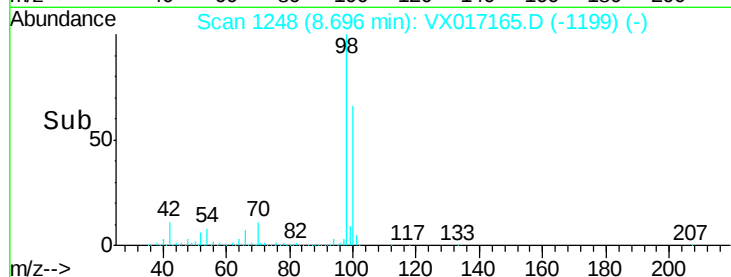
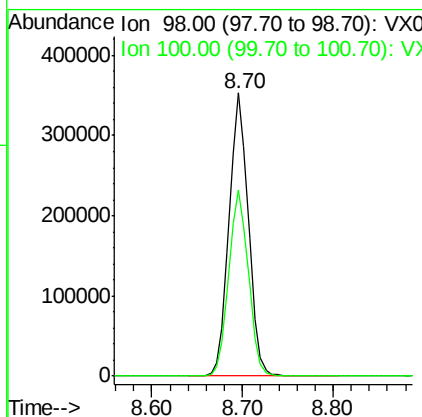
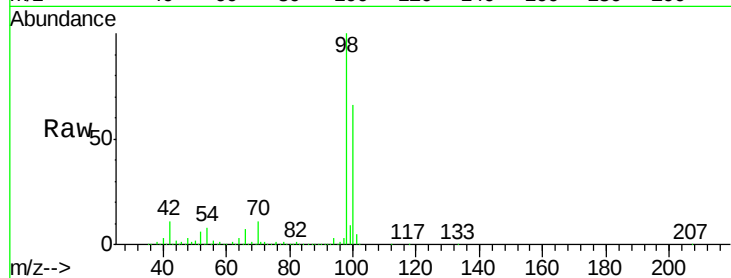
100 66.6 53.8 80.6

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#52

Toluene

Concen: 0.496 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017165.D

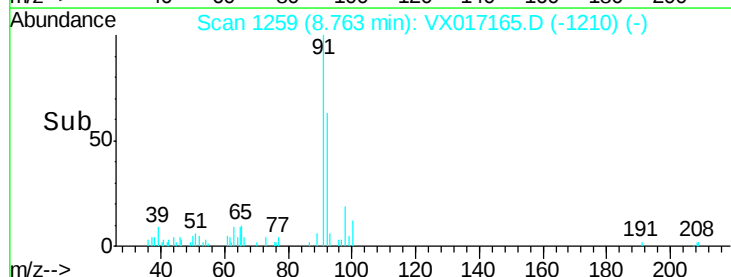
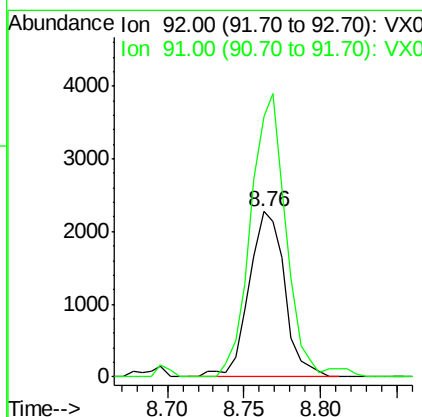
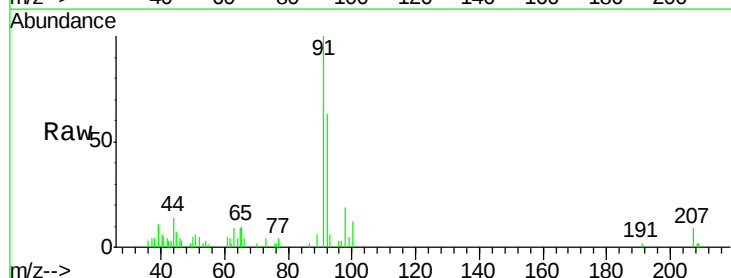
Acq: 06 Jul 2020 14:09

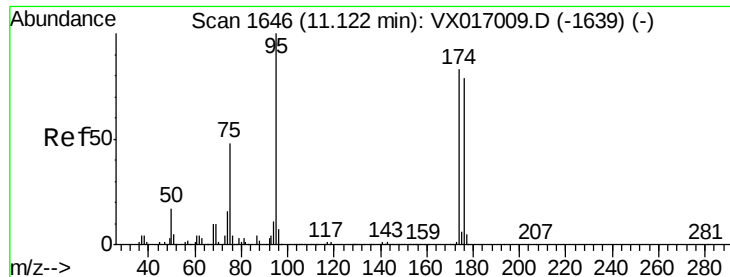
Tgt Ion: 92 Resp: 3692

Ion Ratio Lower Upper

92 100

91 168.8 136.9 205.3





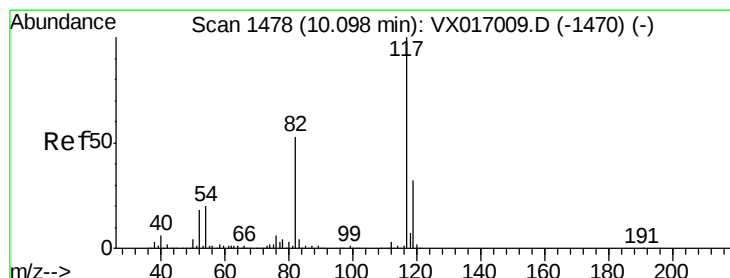
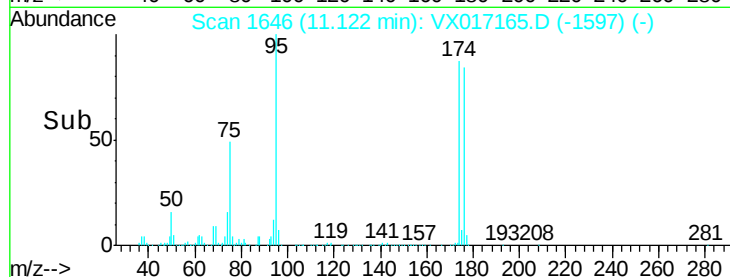
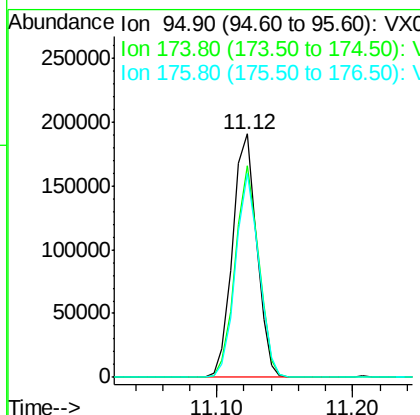
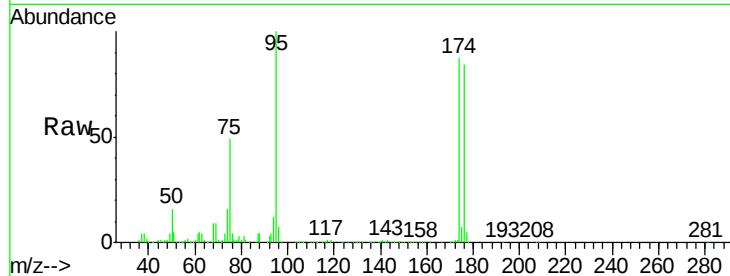
#62
4-Bromofluorobenzene
Concen: 60.072 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017165.D
Acq: 06 Jul 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
EPEC-POLYMERS-04ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	235888		
174	84.6	0.0	164.0	
176	81.1	0.0	157.6	

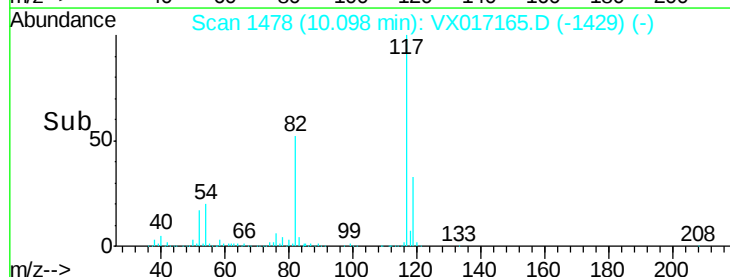
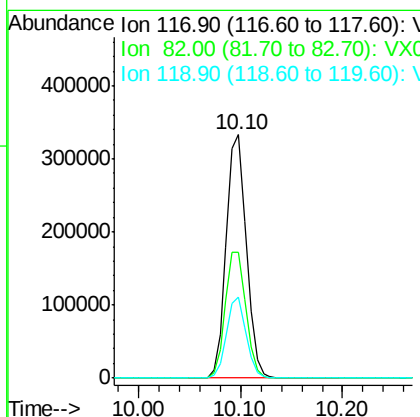
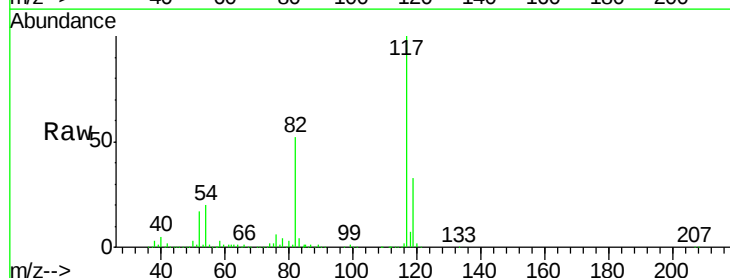
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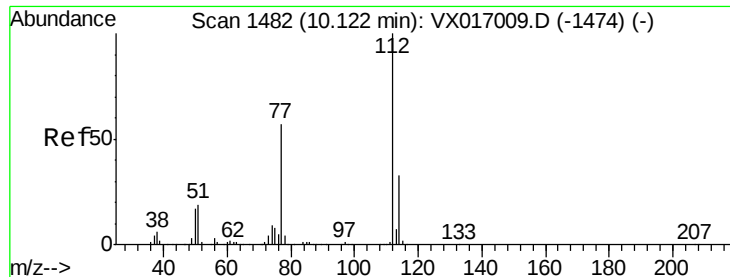
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017165.D
Acq: 06 Jul 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	454479		
82	51.8	42.6	63.8	
119	33.4	25.4	38.2	





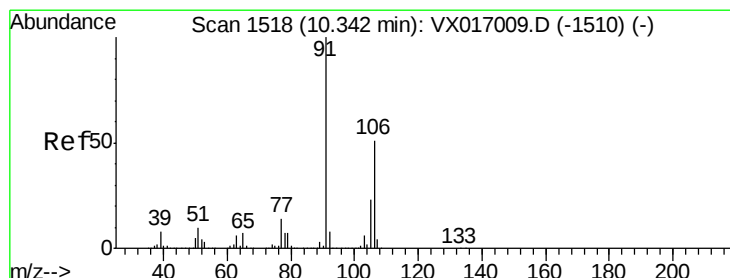
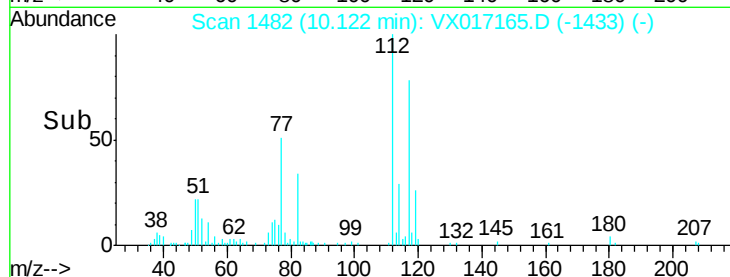
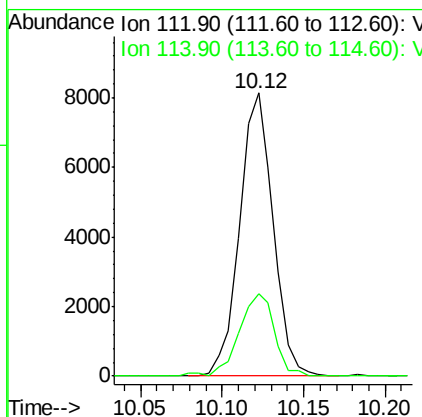
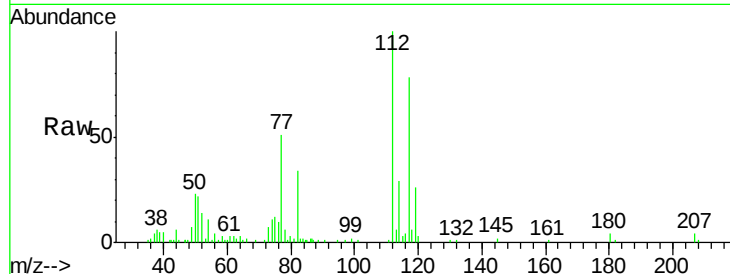
#65
Chlorobenzene
Concen: 1.240 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017165.D
Acq: 06 Jul 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
EPEC-POLYMERS-04ME

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.1	26.2	39.4

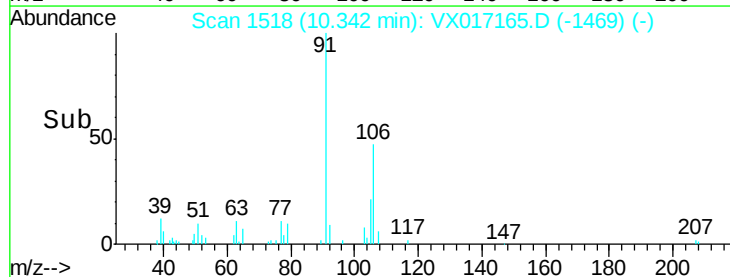
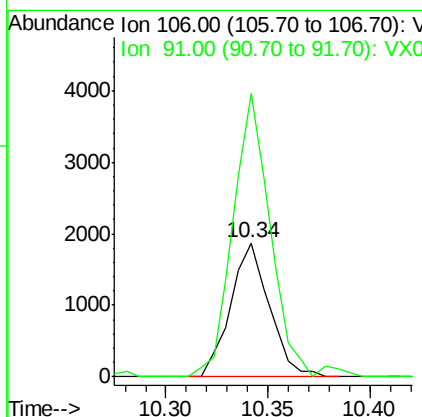
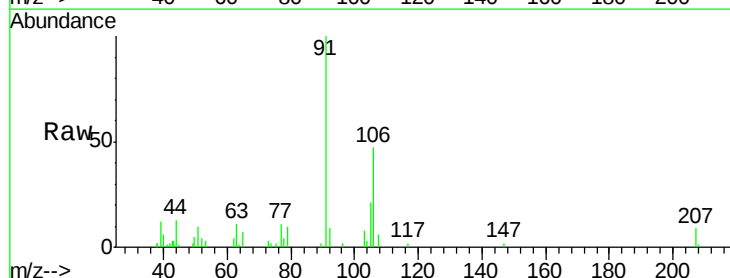
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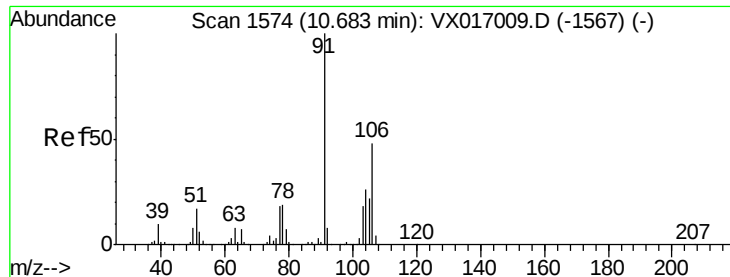
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#68
m/p-Xylenes
Concen: 0.409 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017165.D
Acq: 06 Jul 2020 14:09

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.7	158.6	238.0





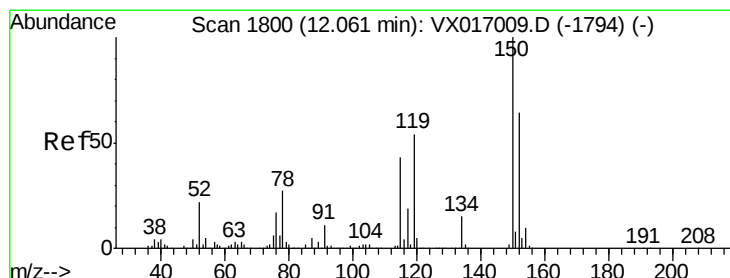
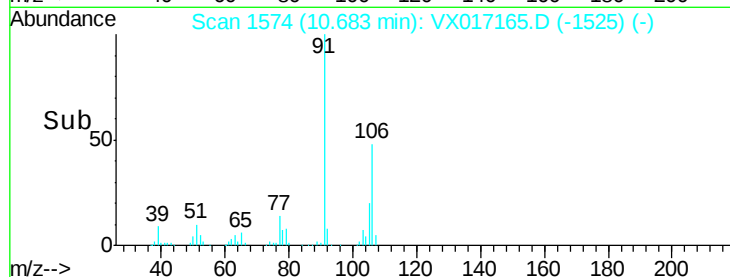
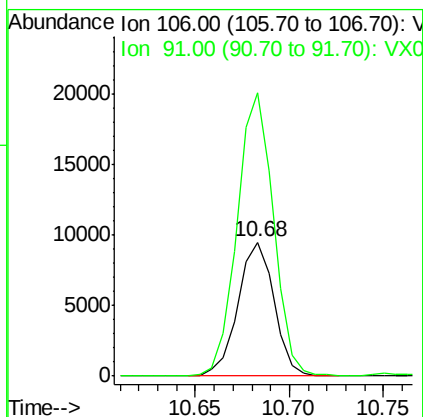
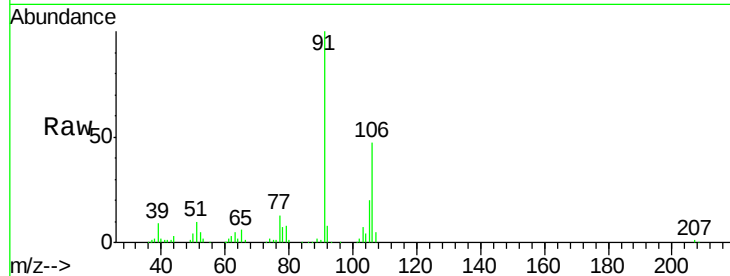
#69
o-Xylene
Concen: 2.204 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017165.D
Acq: 06 Jul 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
EPEC-POLYMERS-04ME

Tot Ion:106 Resp: 12609
Ion Ratio Lower Upper
106 100
91 212.8 105.6 316.7

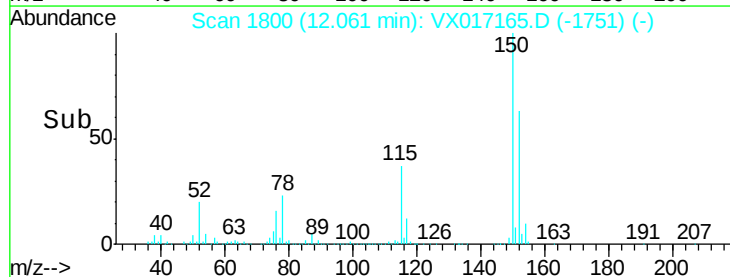
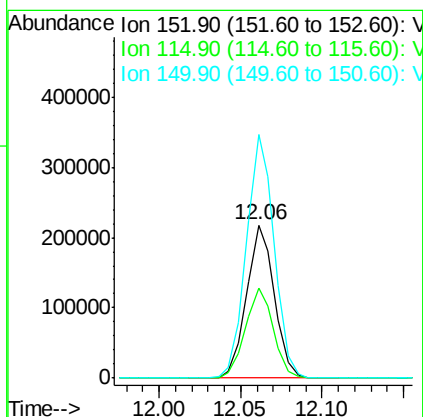
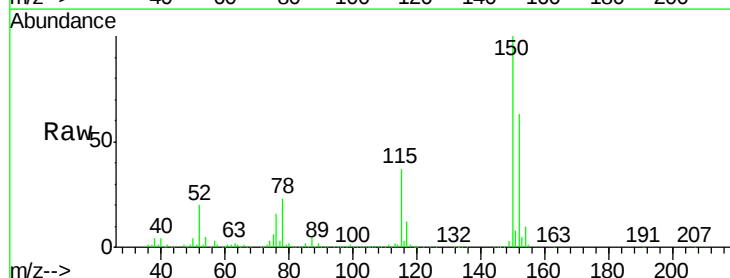
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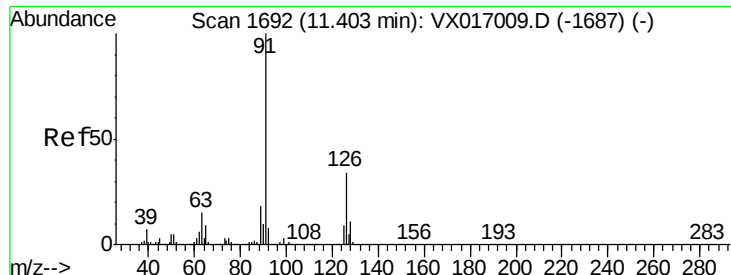
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017165.D
Acq: 06 Jul 2020 14:09

Tgt Ion:152 Resp: 258071
Ion Ratio Lower Upper
152 100
115 59.2 40.9 122.7
150 160.0 0.0 351.6





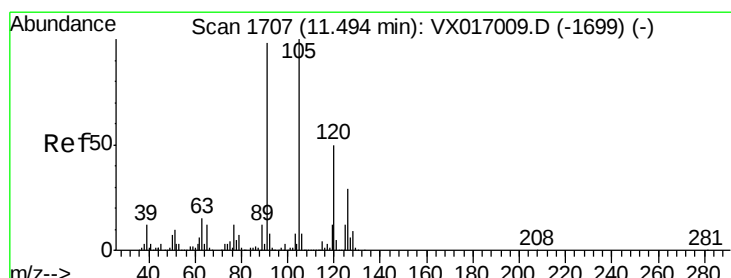
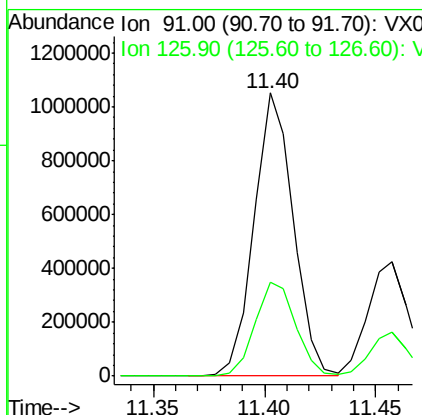
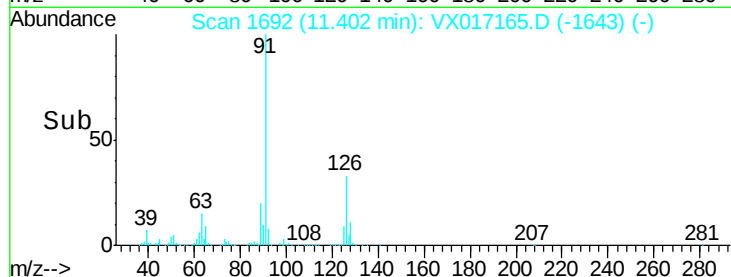
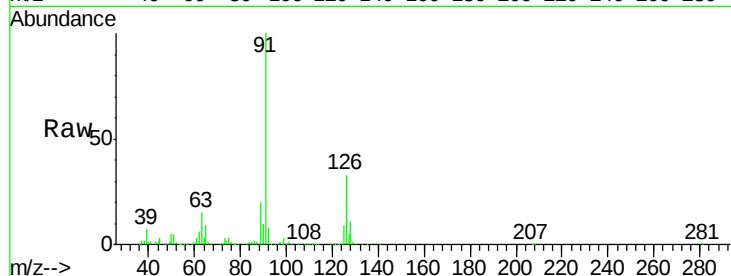
#79
2-Chlorotoluene
Concen: 111.536 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017165.D
Acq: 06 Jul 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
EPEC-POLYMERS-04ME

Tot Ion: 91 Resp: 1290358
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.3

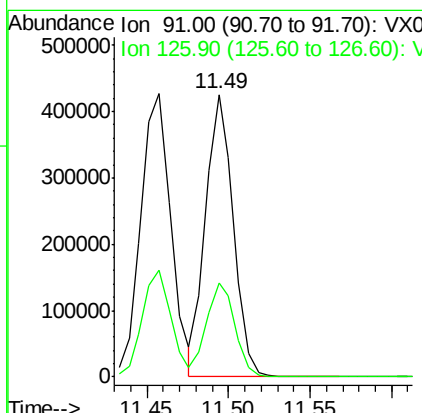
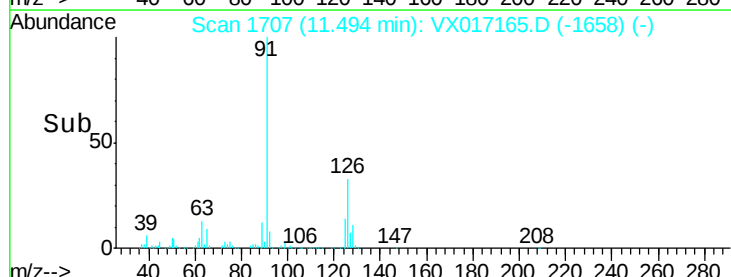
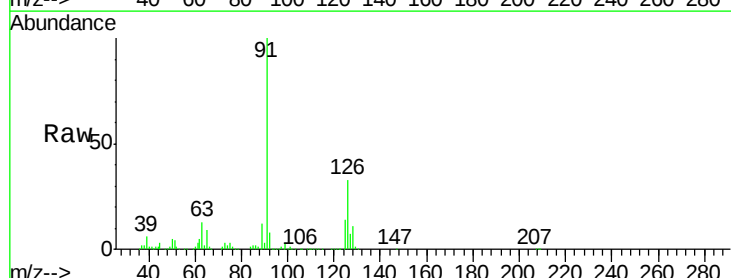
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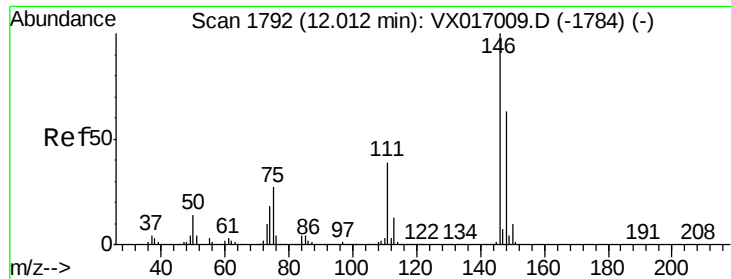
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#82
4-Chlorotoluene
Concen: 36.404 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017165.D
Acq: 06 Jul 2020 14:09

Tgt Ion: 91 Resp: 503464
Ion Ratio Lower Upper
91 100
126 34.4 15.2 45.5





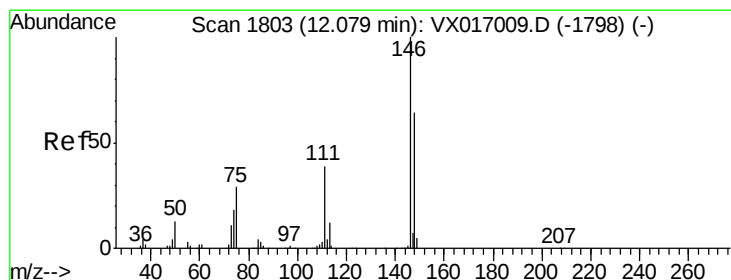
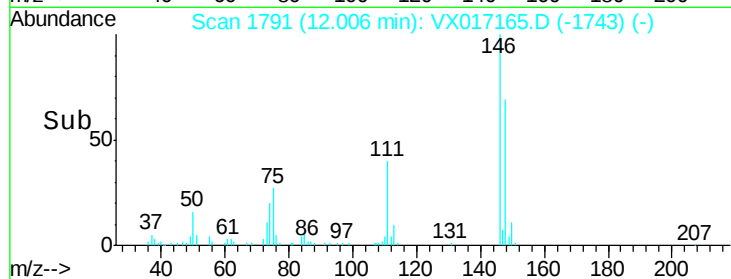
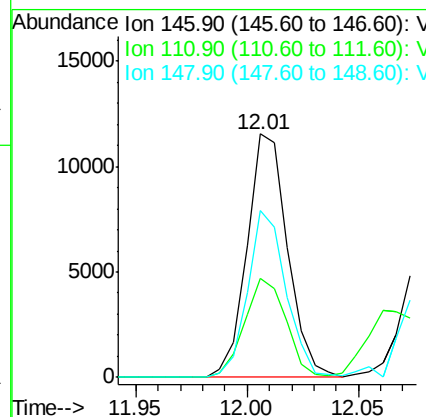
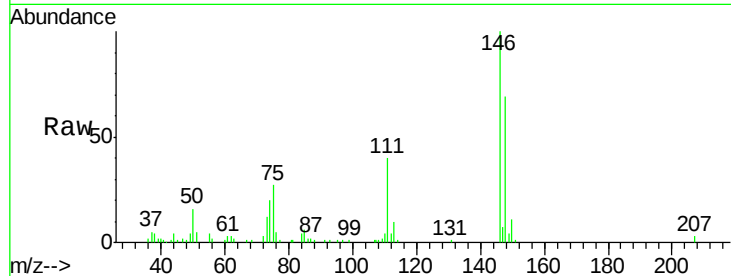
#87
 1,3-Dichlorobenzene
 Concen: 1.742 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017165.D
 Acq: 06 Jul 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 EPEC-POLYMERS-04ME

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.2
148	65.0	32.5	97.5

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 12:24:38 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.974 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017165.D
 Acq: 06 Jul 2020 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	66.5	19.5	58.5#
148	103.4	31.9	95.7#

