

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062265.D
 Acq On : 1 Jul 2020 2:42
 Operator : JC/MD
 Sample : L3148-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-04

Manual Integrations
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MMDadoda
 7/1/2020 11:04:13 AM

Quant Time: Jul 01 05:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	185557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	373587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	152021	58.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.76%	
35) Dibromofluoromethane	7.55	113	121073	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.06	98	498522	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.38	95	177313	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	24628	26.510	ug/l	100
18) Methyl Acetate	4.29	43	3570m	1.725	ug/l	
20) Methylene Chloride	4.50	84	23612	9.703	ug/l	97
25) 2-Butanone	6.80	43	10490	8.242	ug/l	89
40) Benzene	8.00	78	61281	5.354	ug/l	96
43) Isopropyl Acetate	8.13	43	44414	8.762	ug/l	99
52) Toluene	10.12	92	592545	84.850	ug/l	99
65) Chlorobenzene	11.41	112	370771	44.532	ug/l	99
67) Ethyl Benzene	11.48	91	48830	3.473	ug/l	99
68) m/p-Xylenes	11.59	106	58905	10.831	ug/l	95
69) o-Xylene	11.92	106	373472	72.780	ug/l	95
79) 2-Chlorotoluene	12.65	91	8346721m	895.595	ug/l	
82) 4-Chlorotoluene	12.75	91	6264428	650.001	ug/l	80
87) 1,3-Dichlorobenzene	13.26	146	123228	20.973	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	80748	13.332	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	8854	1.554	ug/l	97
95) Naphthalene	15.10	128	55731	10.174	ug/l	99

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

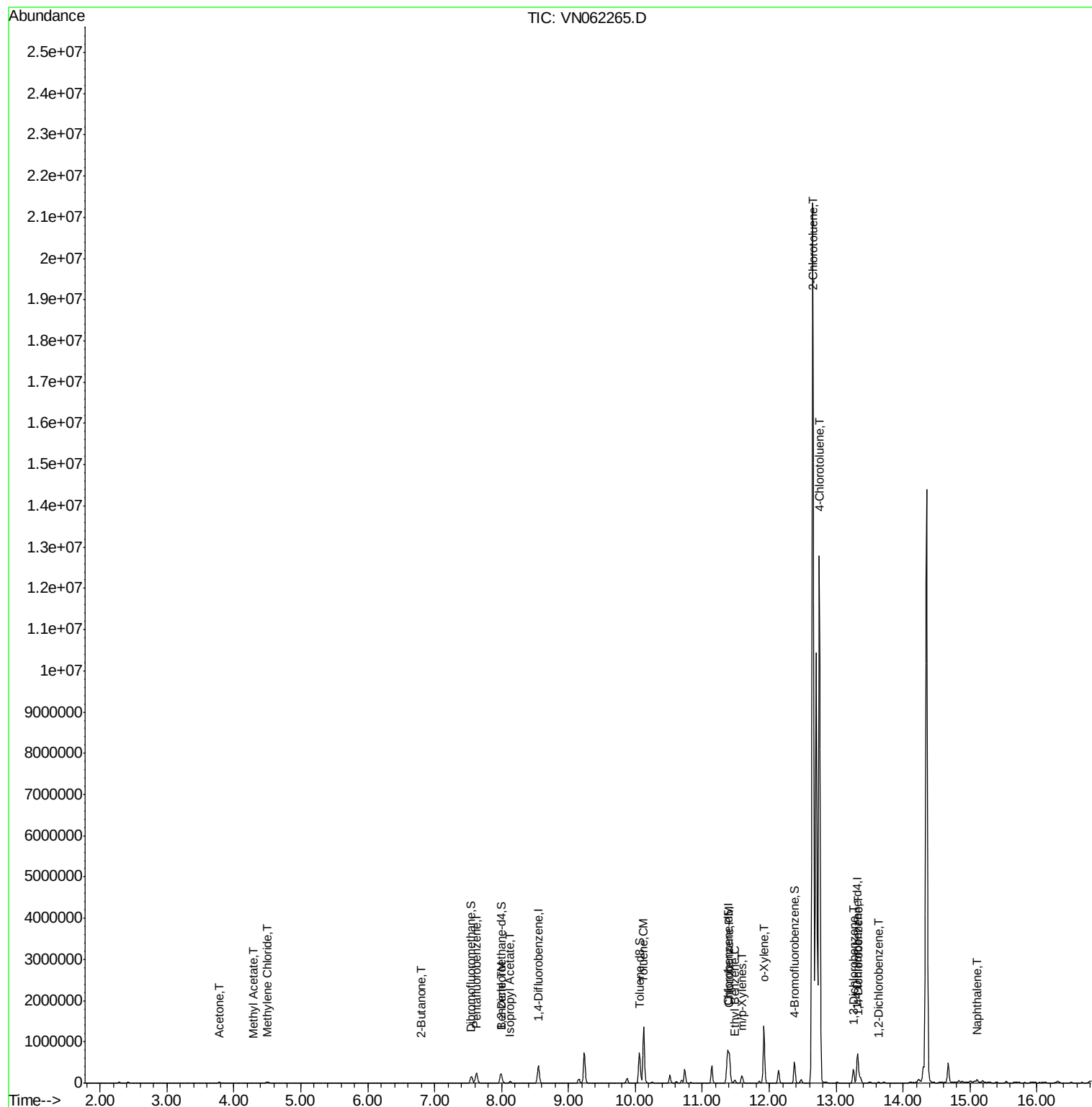
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062265.D
Acq On : 1 Jul 2020 2:42
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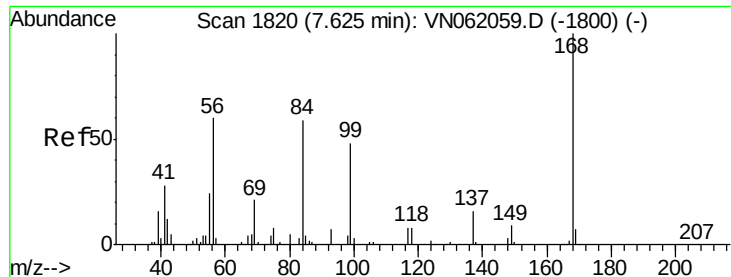
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-04

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Quant Time: Jul 01 05:56:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062265.D

Acq: 1 Jul 2020 2:42

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-04

Tot Ion:168 Resp: 185557

Ion Ratio Lower Upper

168 100

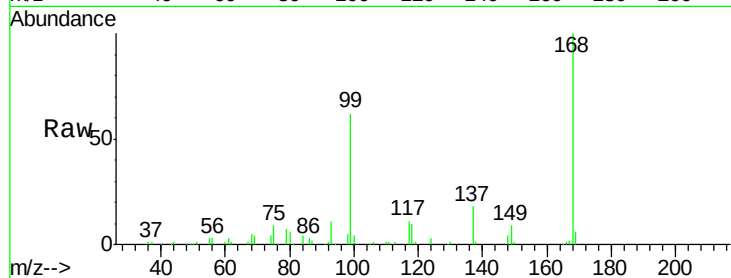
99 61.7 45.8 68.8

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Abundance Ion 167.90 (167.60 to 168.60): VN062059.D (-1800) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1800) (-)

7.63

80000

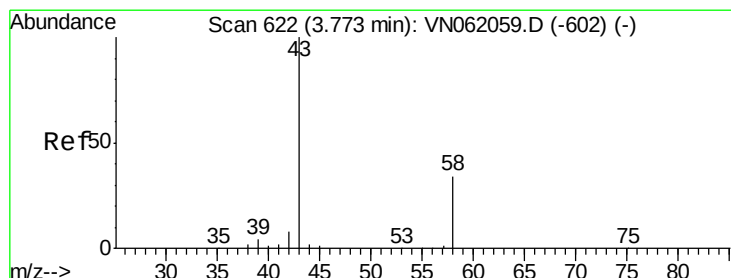
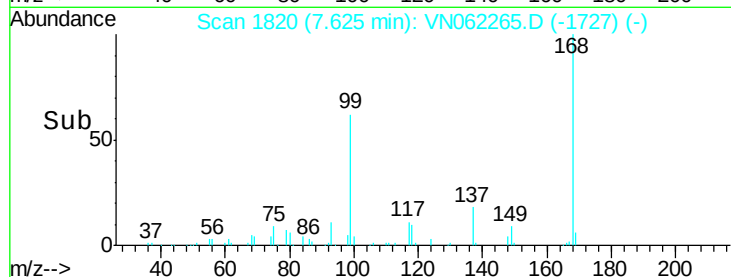
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 26.510 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062265.D

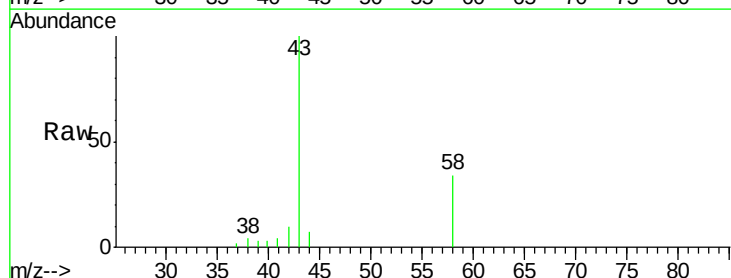
Acq: 1 Jul 2020 2:42

Tgt Ion: 43 Resp: 24628

Ion Ratio Lower Upper

43 100

58 34.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-602) (-)

3.78

10000

8000

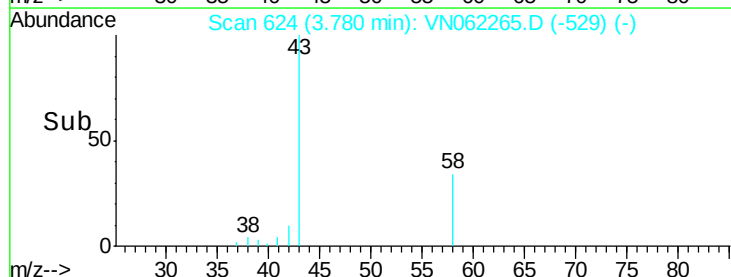
6000

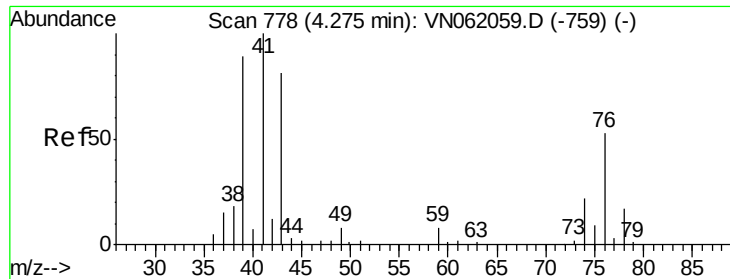
4000

2000

0

Time--> 3.70 3.75 3.80 3.85





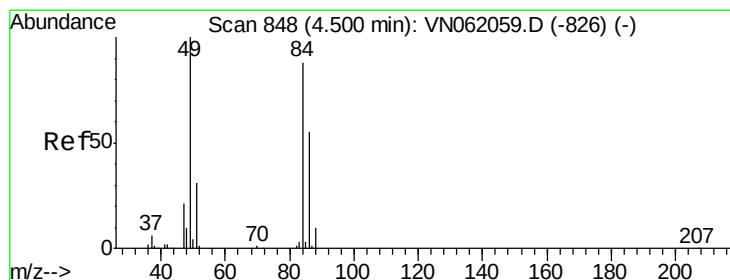
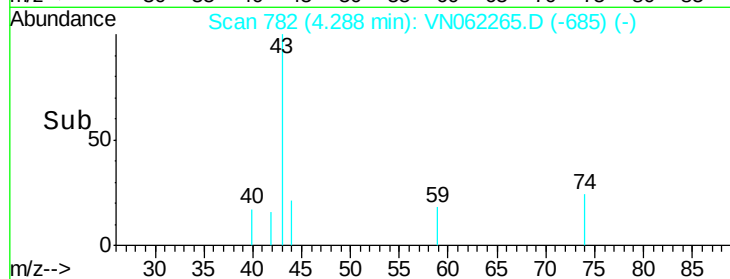
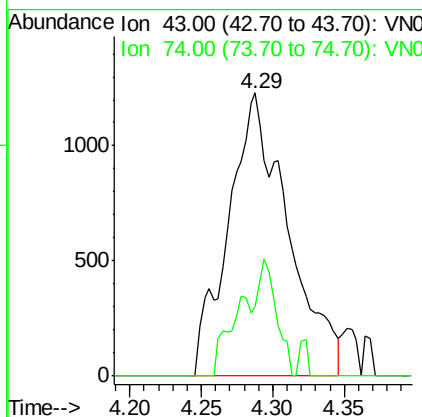
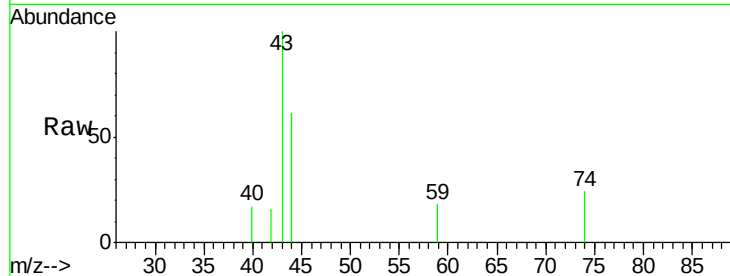
#18
Methyl Acetate
Concen: 1.725 ug/l m
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion: 43 Resp: 3570
Ion Ratio Lower Upper
43 100
74 13.7 22.9 34.3#

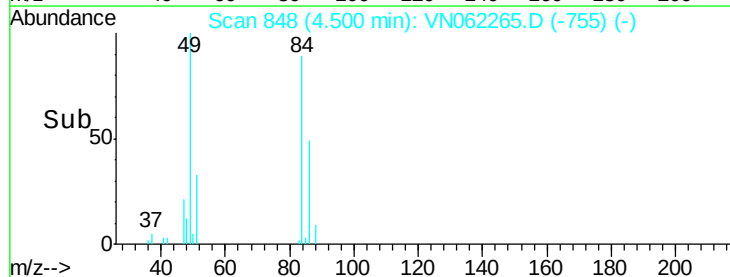
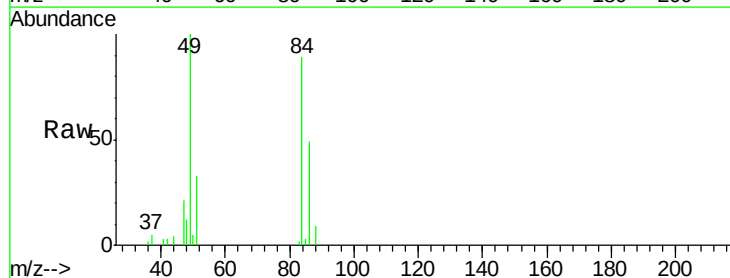
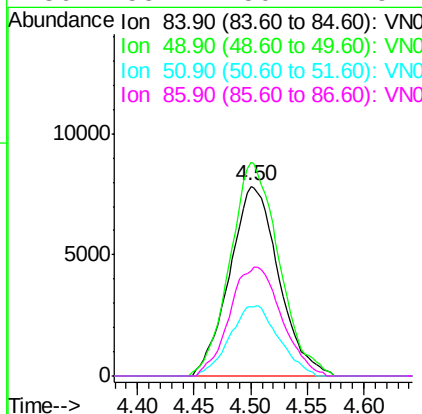
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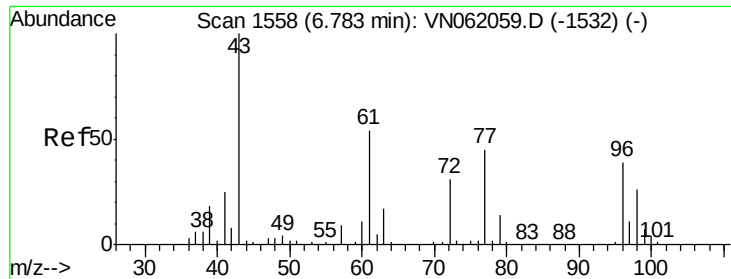
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#20
Methylene Chloride
Concen: 9.703 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Tgt Ion: 84 Resp: 23612
Ion Ratio Lower Upper
84 100
49 112.7 90.6 136.0
51 36.7 27.8 41.8
86 55.7 50.1 75.1





#25

2-Butanone

Concen: 8.242 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN062265.D

Acq: 1 Jul 2020 2:42

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-04

Tot Ion: 43 Resp: 10490

Ion Ratio Lower Upper

43 100

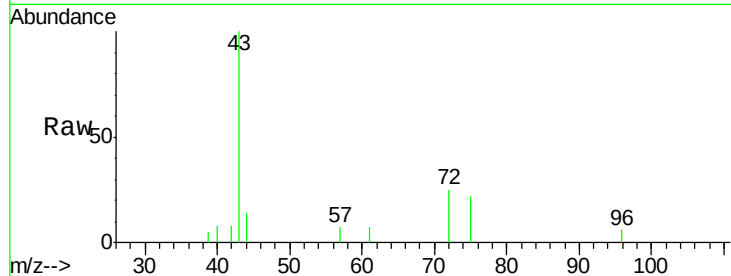
72 25.2 24.8 37.2

Manual Integrations

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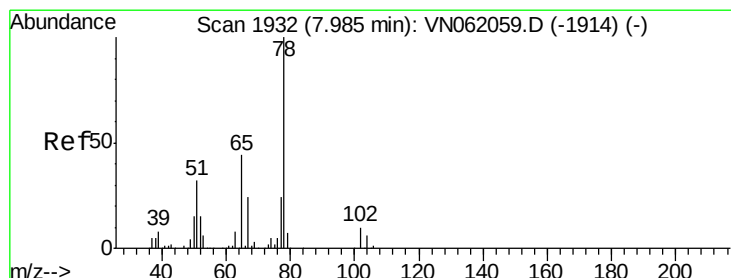
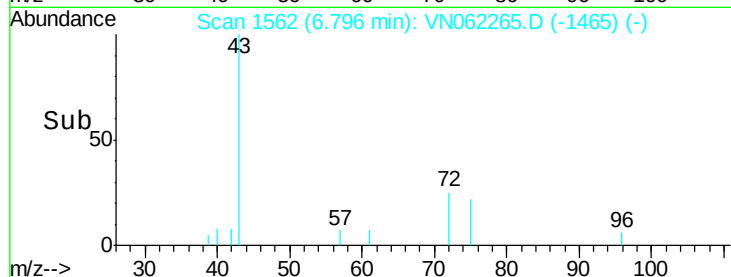
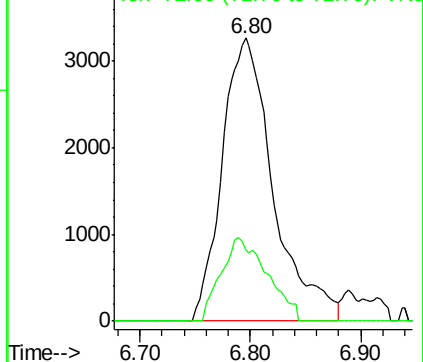
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.380 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062265.D

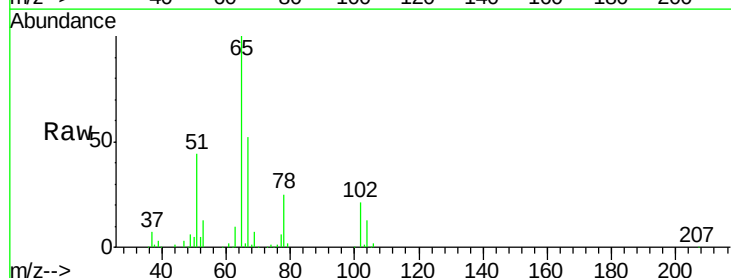
Acq: 1 Jul 2020 2:42

Tgt Ion: 65 Resp: 152021

Ion Ratio Lower Upper

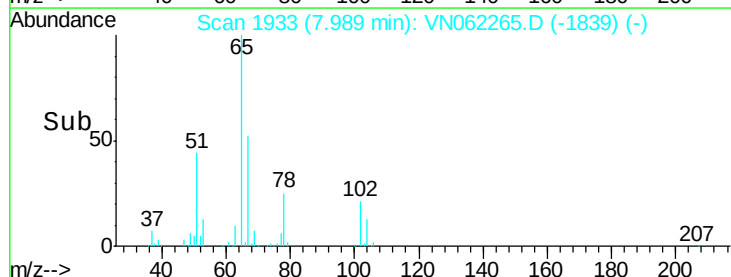
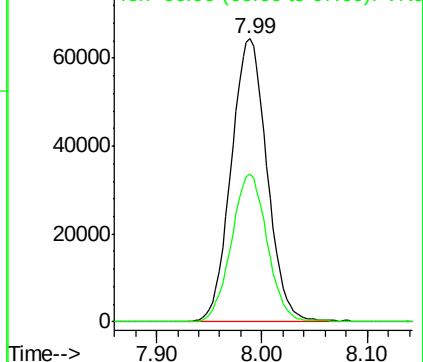
65 100

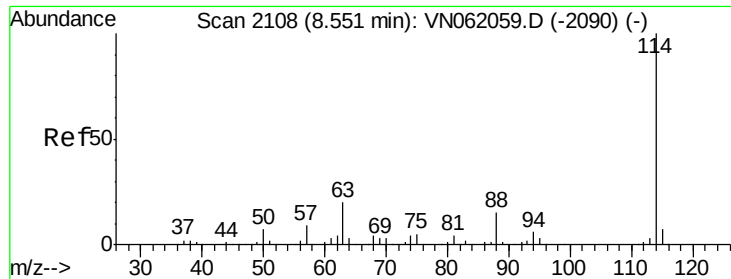
67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





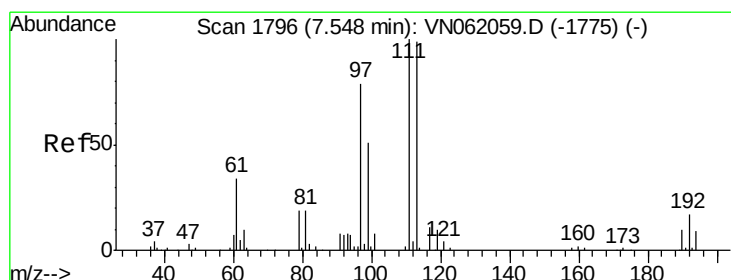
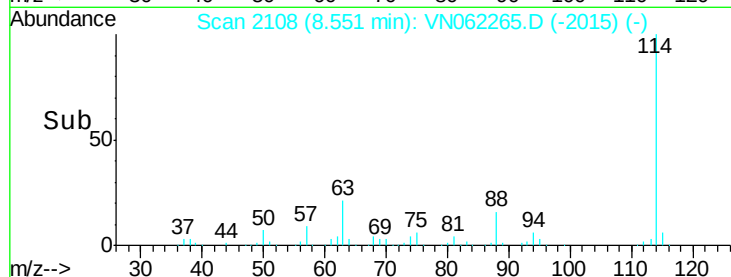
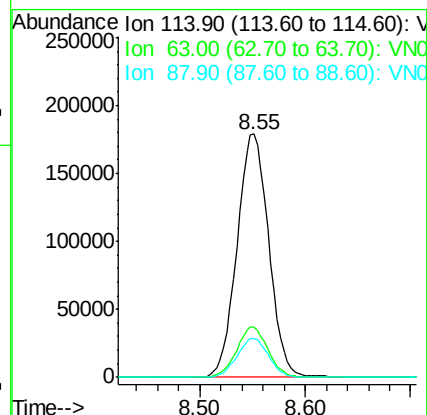
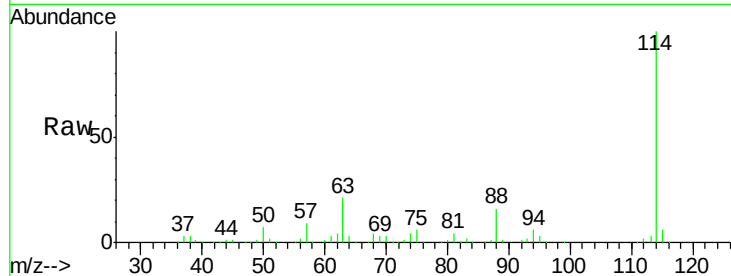
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062265.D
 Acq: 1 Jul 2020 2:42

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-04

Tot Ion	Ratio	Resp	Lower	Upper
114	100	373587		
63	20.6	0.0	39.2	
88	16.0	0.0	30.8	

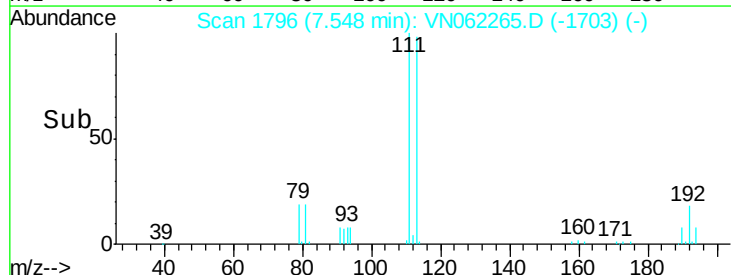
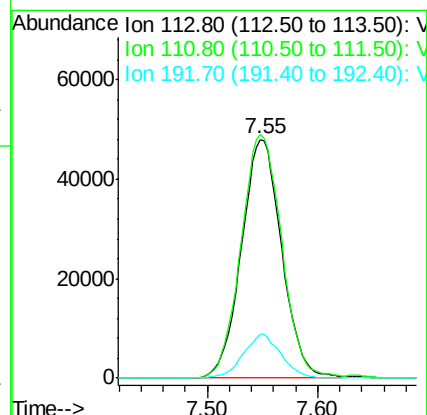
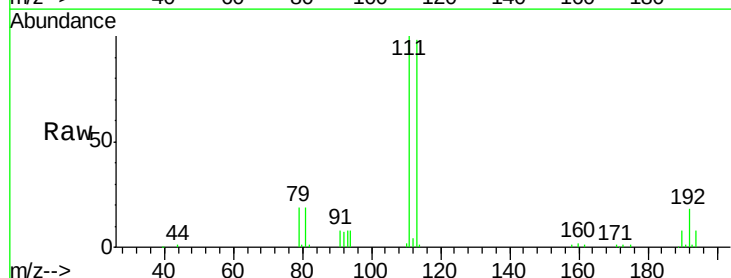
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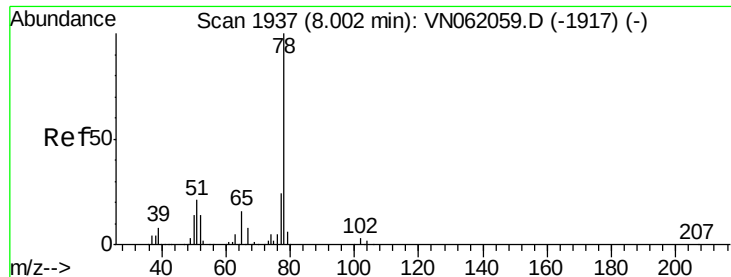
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#35
 Dibromofluoromethane
 Concen: 50.516 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062265.D
 Acq: 1 Jul 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	121073		
111	103.4	82.2	123.4	
192	17.2	14.0	21.0	





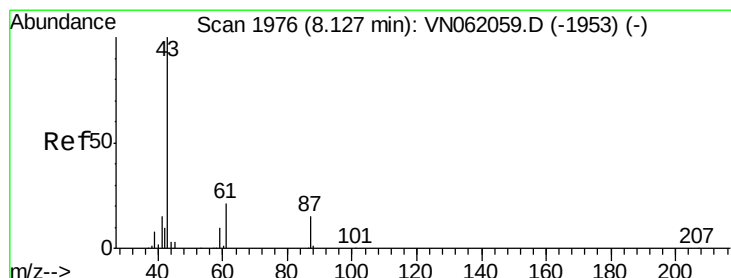
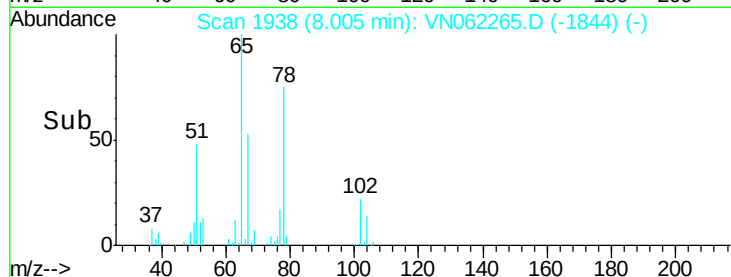
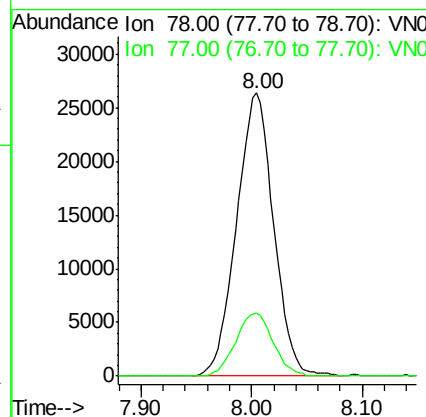
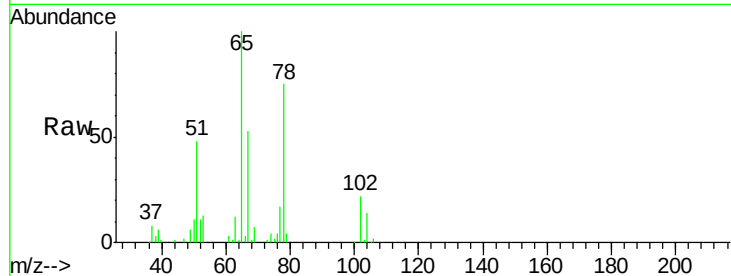
#40
Benzene
Concen: 5.354 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.5	29.3

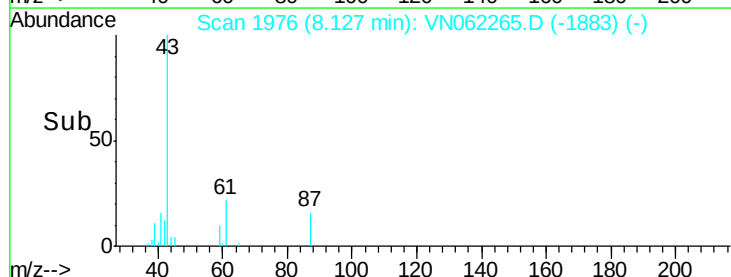
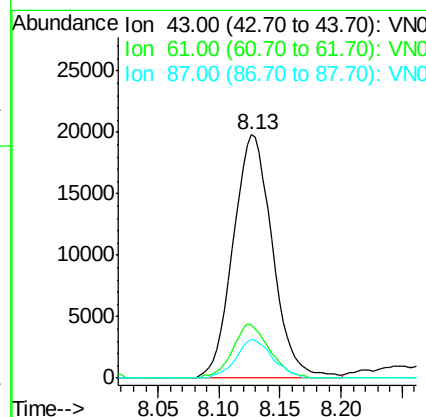
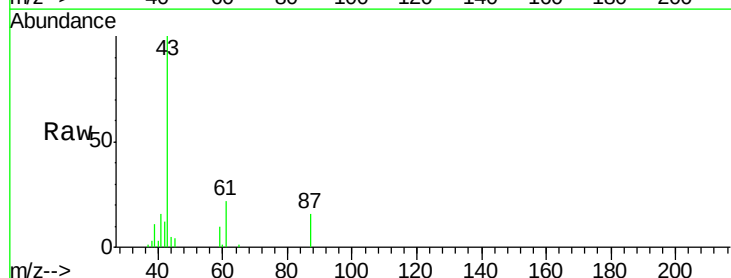
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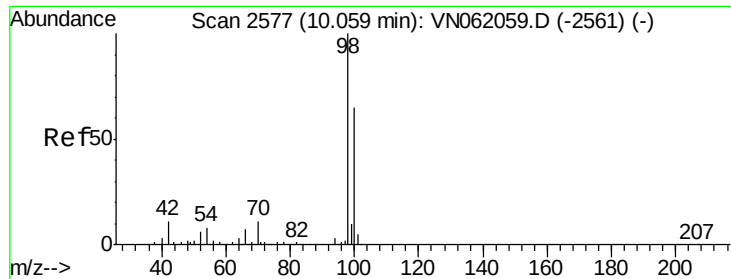
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#43
Isopropyl Acetate
Concen: 8.762 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	17.2	25.8
87	14.6	12.1	18.1





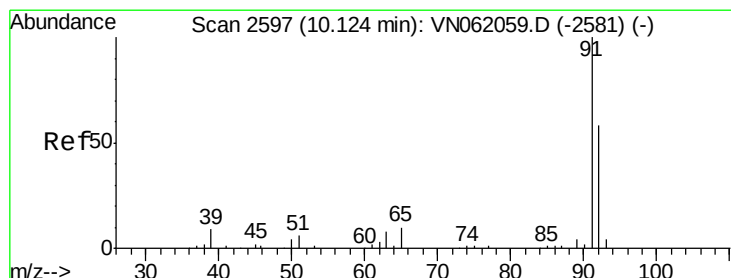
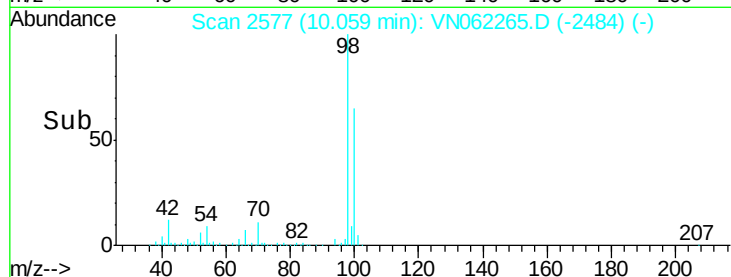
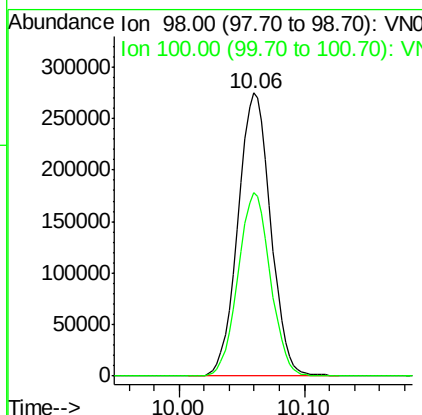
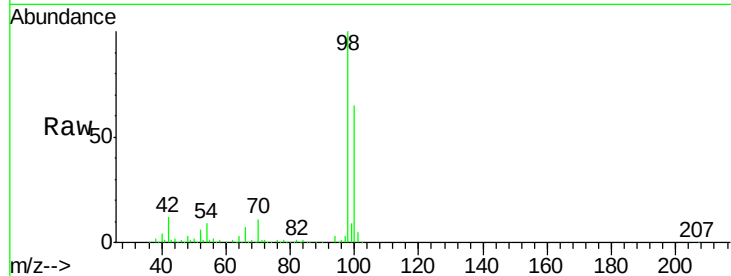
#50
Toluene-d8
Concen: 52.035 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion: 98 Resp: 498522
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8

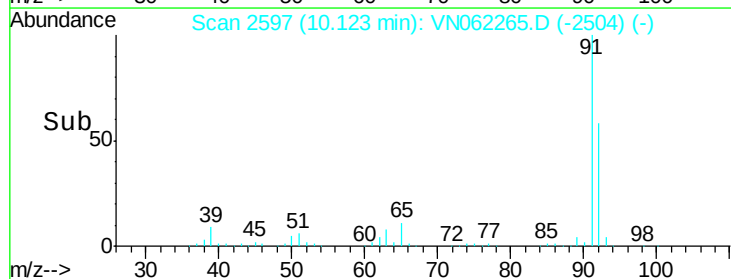
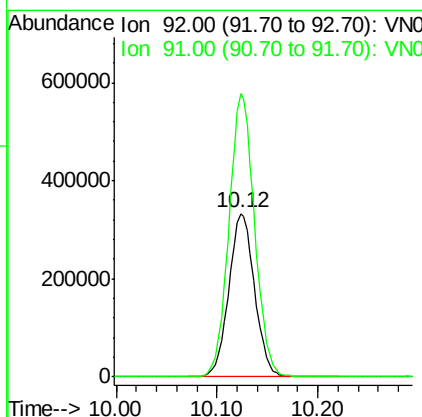
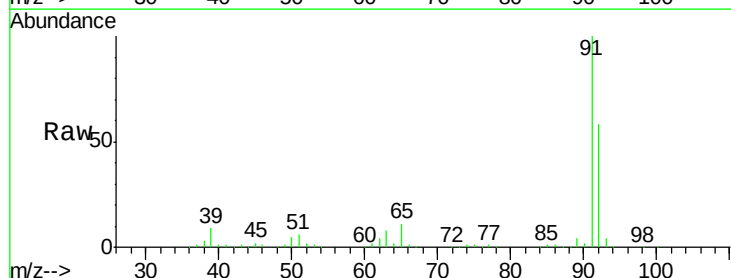
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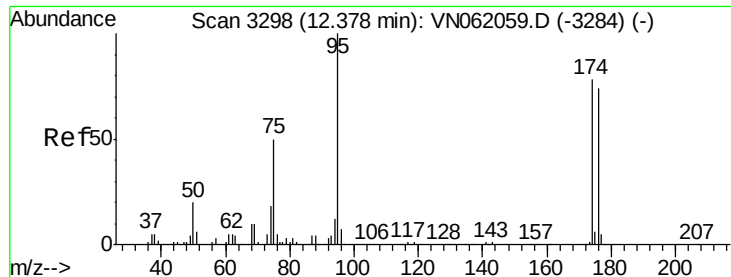
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#52
Toluene
Concen: 84.850 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Tgt Ion: 92 Resp: 592545
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0





#62

4-Bromofluorobenzene

Concen: 54.779 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062265.D

Acq: 1 Jul 2020 2:42

Instrument :

MSVOA_N

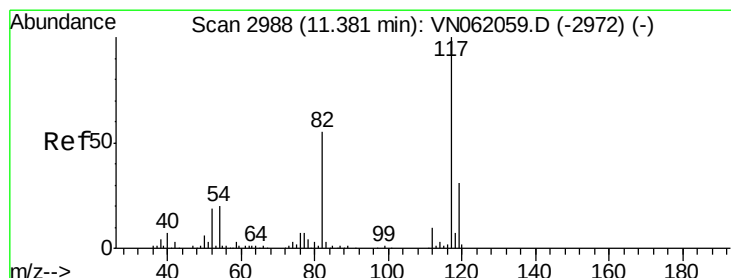
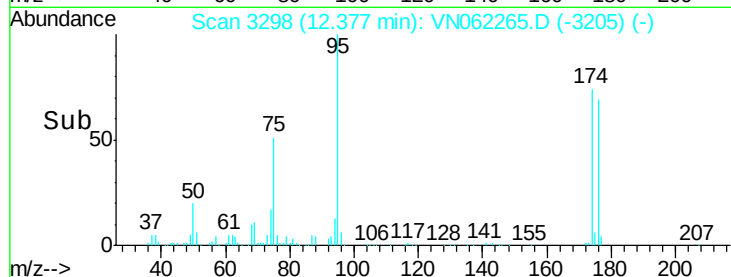
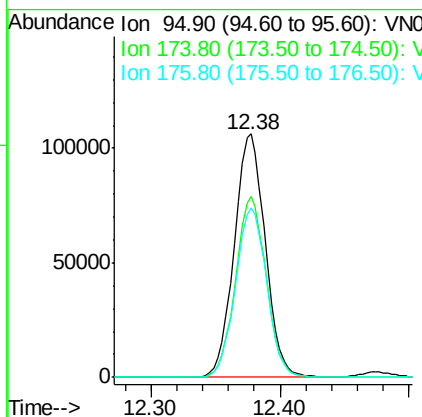
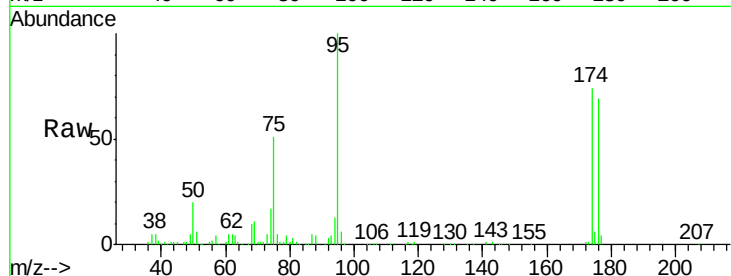
ClientSampleId :

EPEC-POLYMERS-04

Tot Ion:	95	Resp:	177313
Ion Ratio	Lower	Upper	
95	100		
174	73.3	0.0	154.8
176	69.9	0.0	147.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

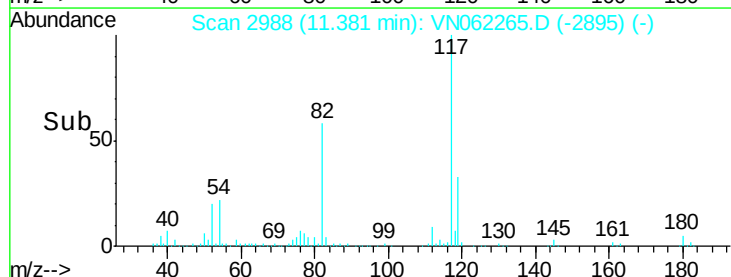
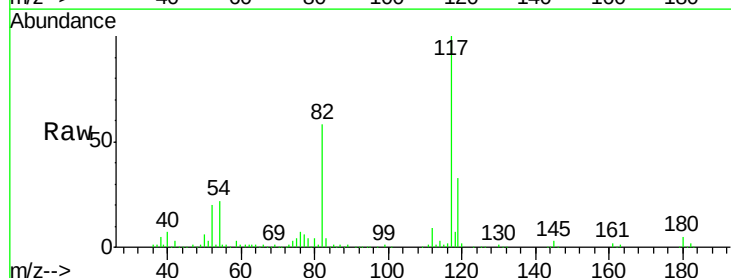
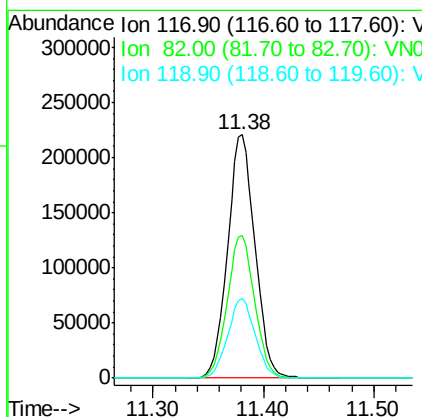
RT: 11.38 min Scan# 2988

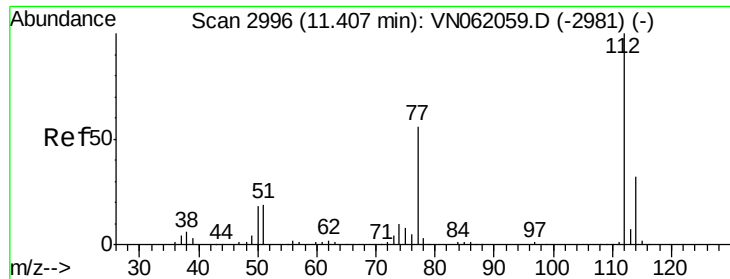
Delta R.T. -0.00 min

Lab File: VN062265.D

Acq: 1 Jul 2020 2:42

Tgt Ion:	117	Resp:	379136
Ion Ratio	Lower	Upper	
117	100		
82	58.4	43.8	65.8
119	32.7	25.2	37.8





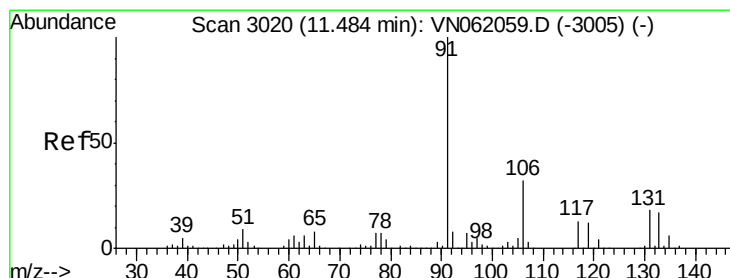
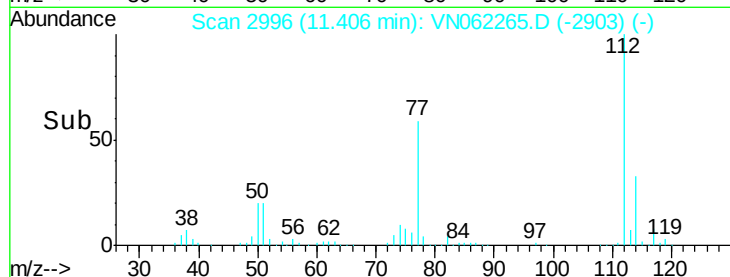
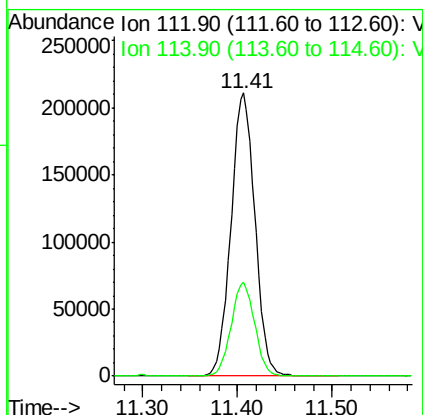
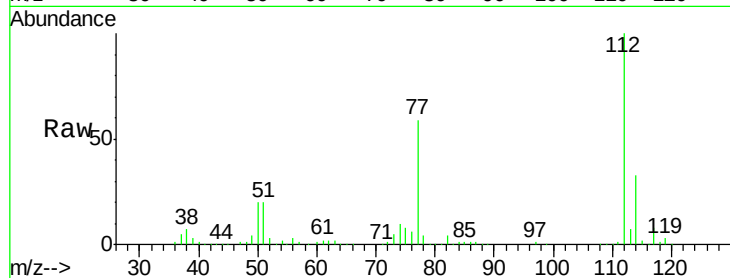
#65
Chlorobenzene
Concen: 44.532 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion:112 Resp: 370771
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8

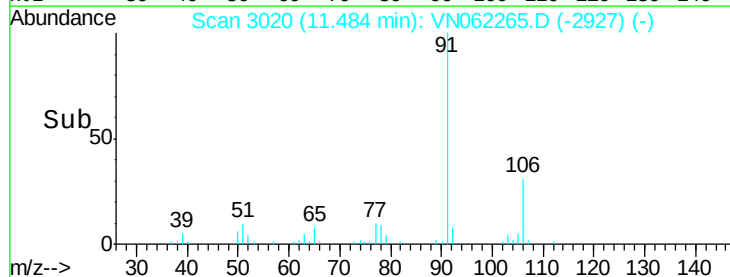
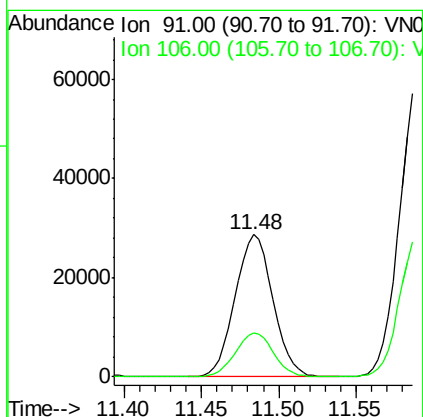
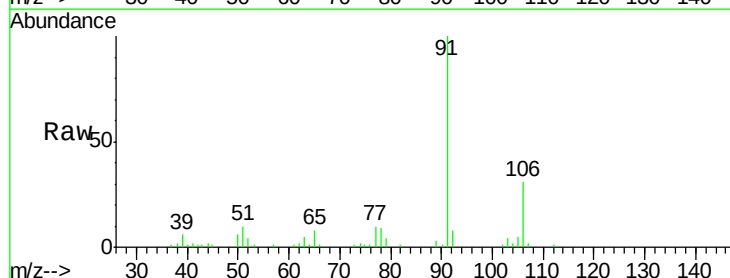
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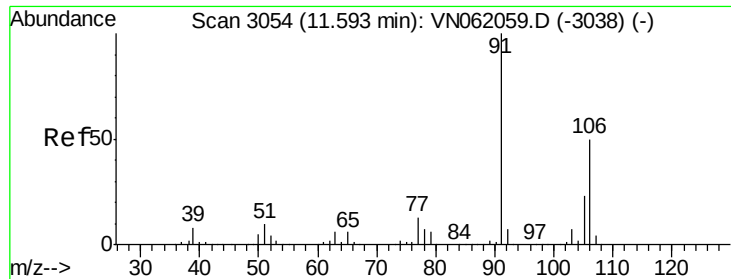
MMDadoda
7/1/2020 11:04:13 AM



#67
Ethyl Benzene
Concen: 3.473 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Tgt Ion: 91 Resp: 48830
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9





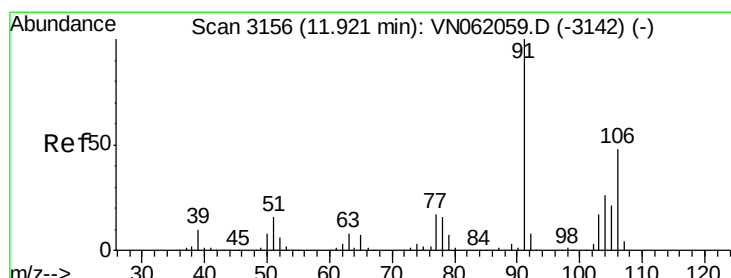
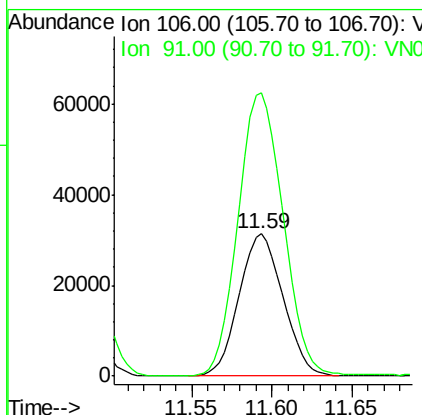
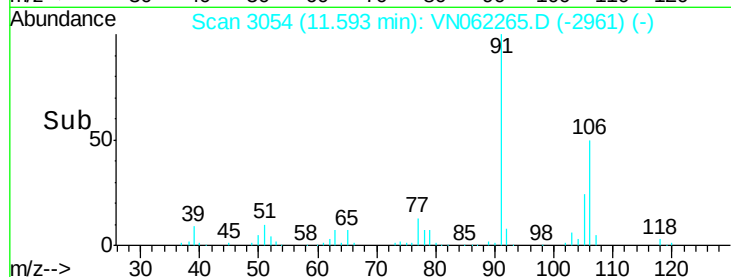
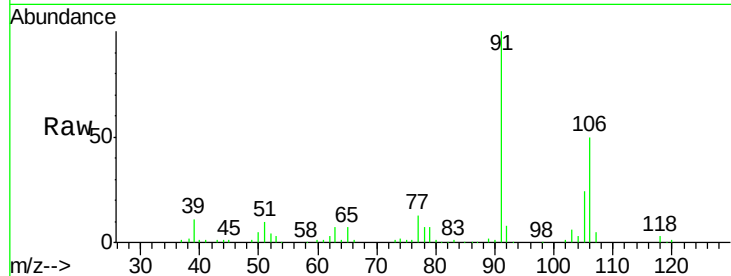
#68
m/p-Xylenes
Concen: 10.831 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion:106 Resp: 58905
Ion Ratio Lower Upper
106 100
91 205.5 157.8 236.8

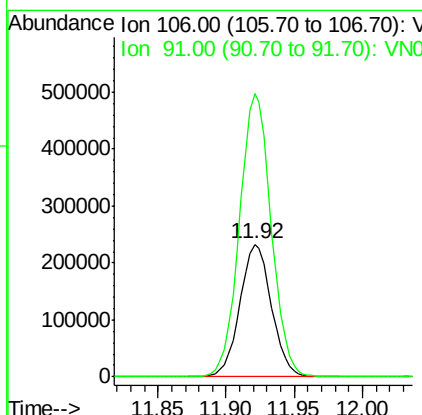
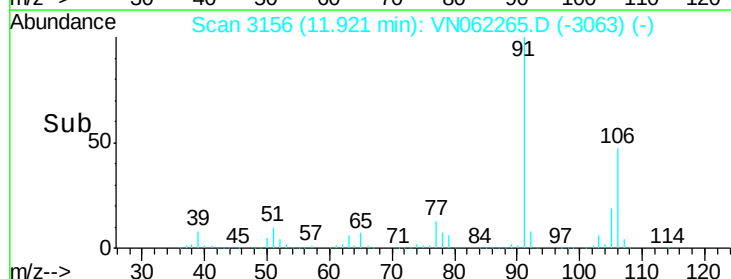
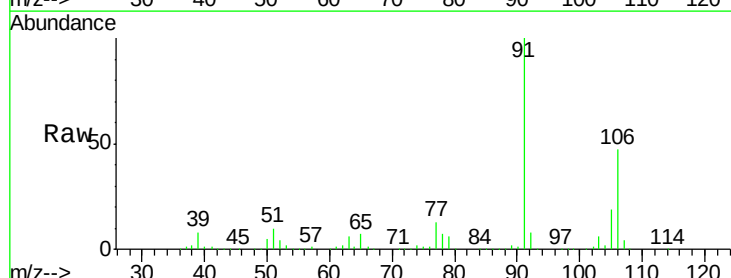
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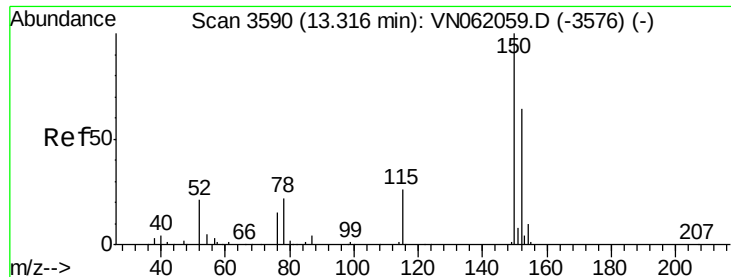
MMDadoda
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#69
o-Xylene
Concen: 72.780 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Tgt Ion:106 Resp: 373472
Ion Ratio Lower Upper
106 100
91 215.0 104.0 311.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062265.D

Acq: 1 Jul 2020 2:42

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-04

Tot Ion:152 Resp: 174108

Ion Ratio Lower Upper

152 100

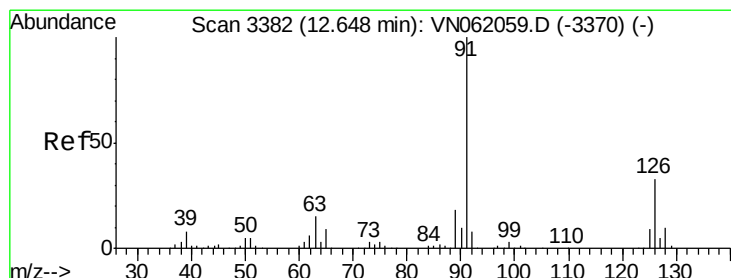
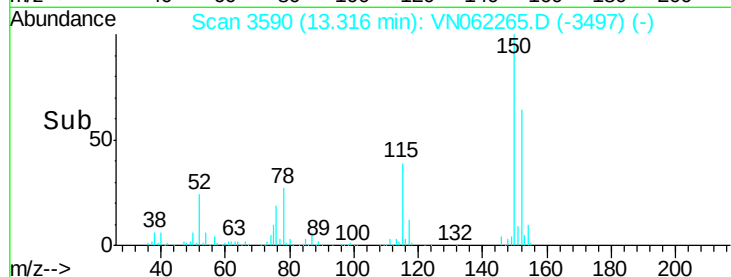
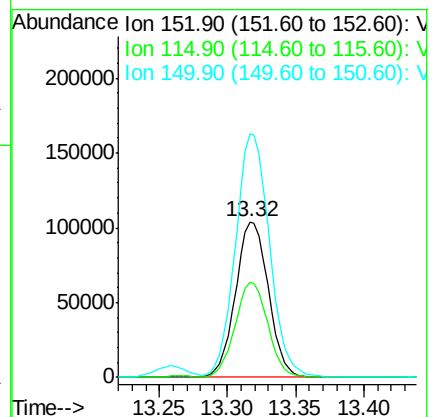
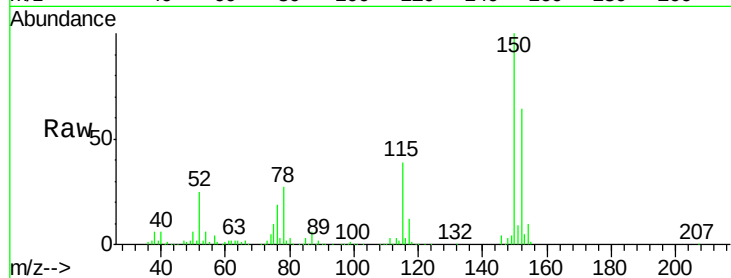
115 61.3 29.5 88.5

150 161.9 0.0 351.4

Manual Integrations
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#79

2-Chlorotoluene

Concen: 895.595 ug/l m

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062265.D

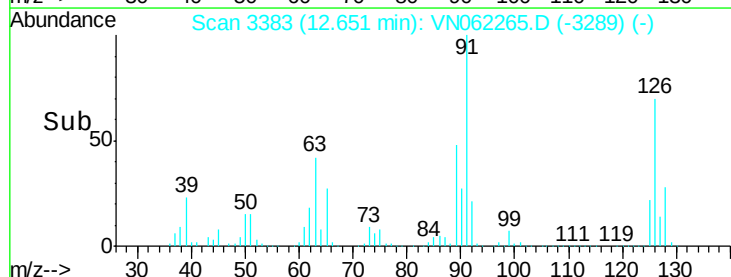
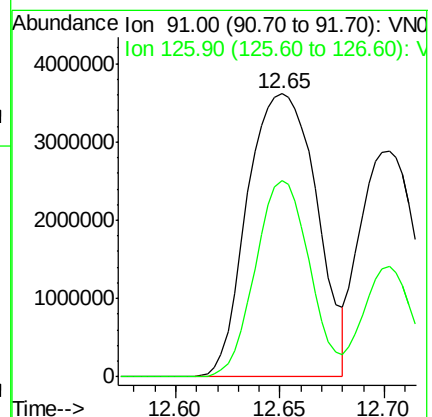
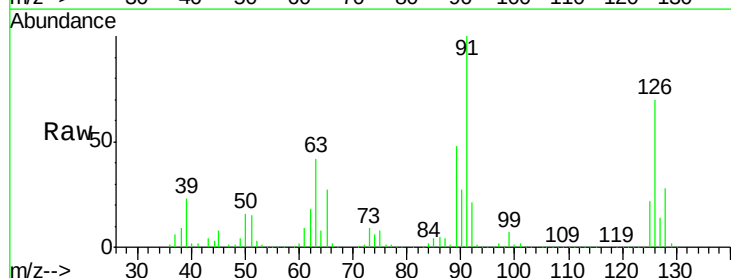
Acq: 1 Jul 2020 2:42

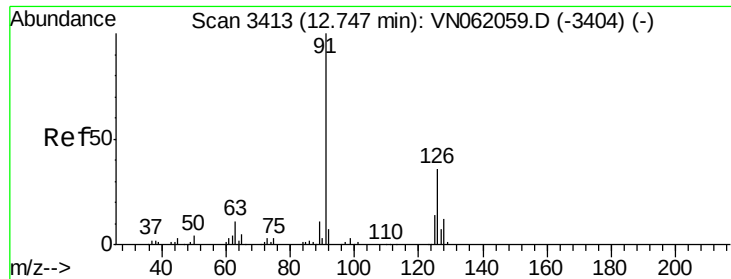
Tgt Ion: 91 Resp: 8346721

Ion Ratio Lower Upper

91 100

126 27.7 16.9 50.7





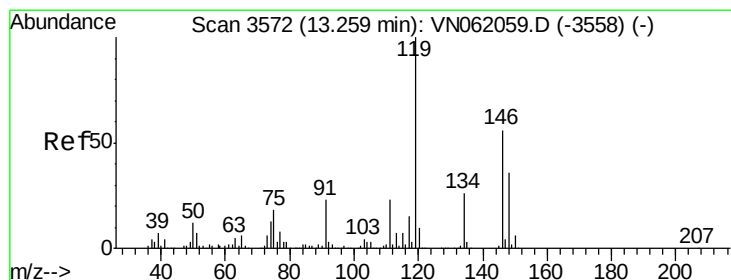
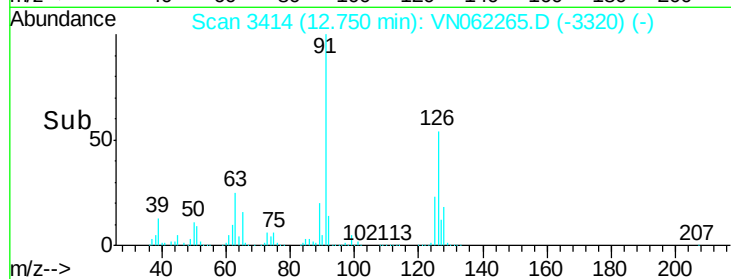
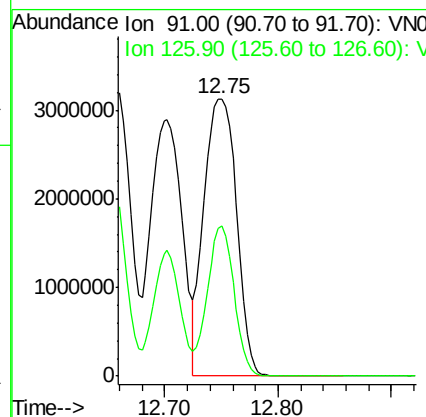
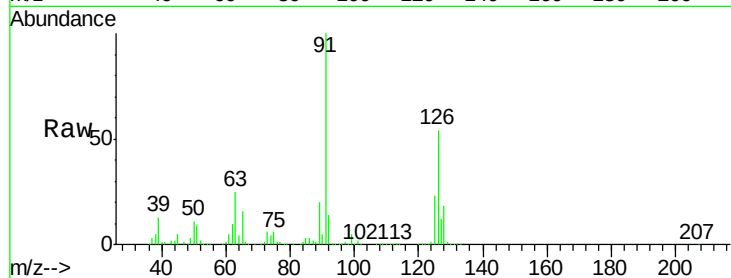
#82
4-Chlorotoluene
Concen: 650.001 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion: 91 Resp: 6264428
Ion Ratio Lower Upper
91 100
126 44.7 16.7 50.1

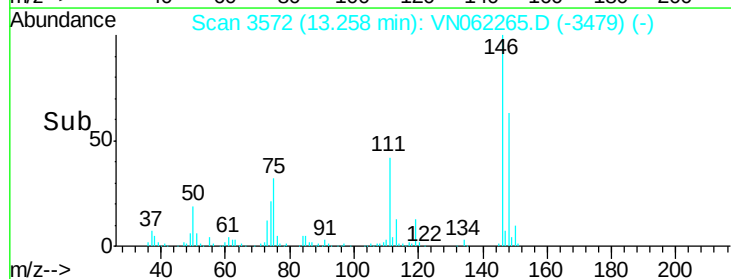
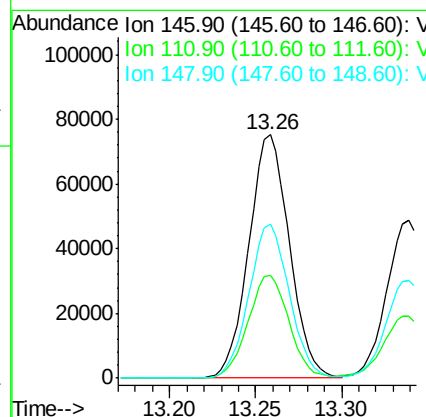
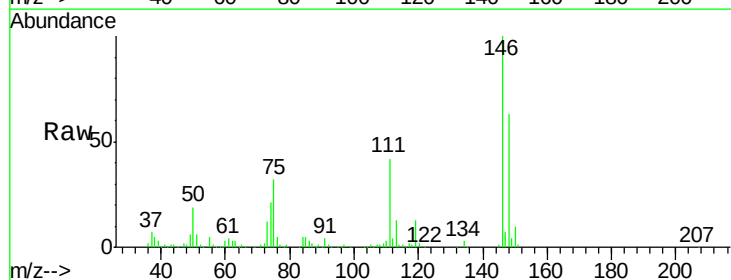
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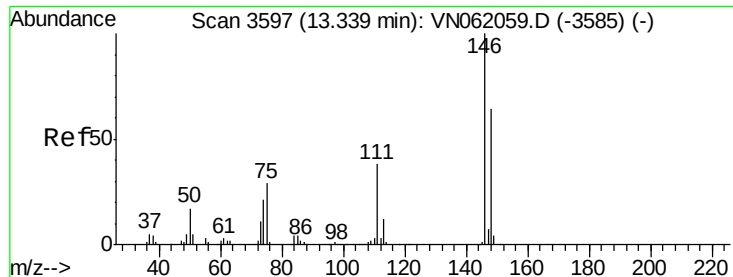
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#87
1,3-Dichlorobenzene
Concen: 20.973 ug/l
RT: 13.26 min Scan# 3572
Delta R.T. -0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Tgt Ion: 146 Resp: 123228
Ion Ratio Lower Upper
146 100
111 42.3 20.3 61.0
148 62.8 31.8 95.3





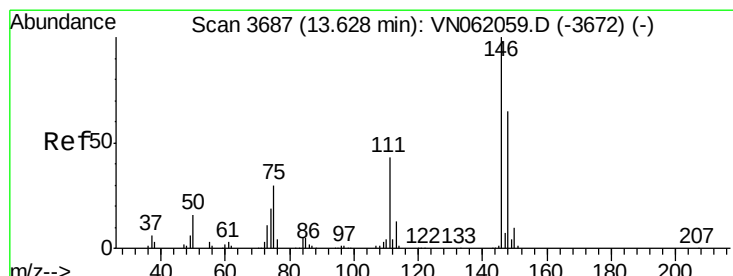
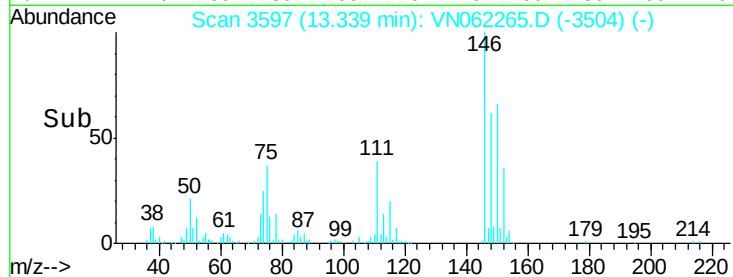
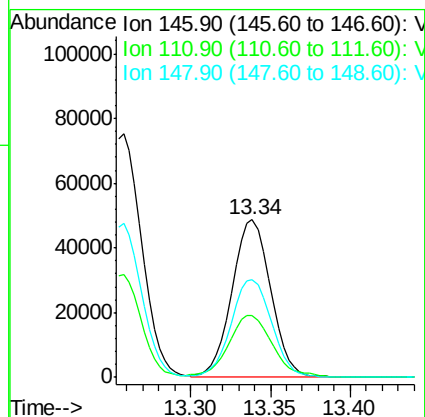
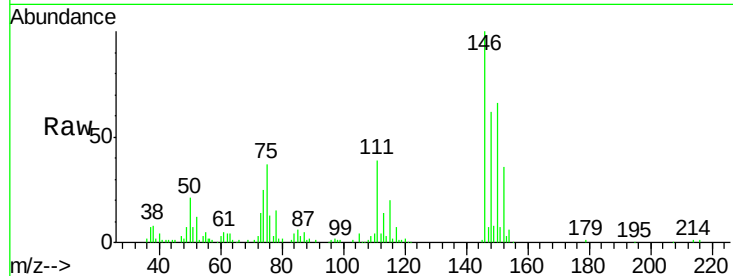
#88
 1,4-Dichlorobenzene
 Concen: 13.332 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062265.D
 Acq: 1 Jul 2020 2:42

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-04

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	19.9	59.6
148	65.1	31.9	95.9

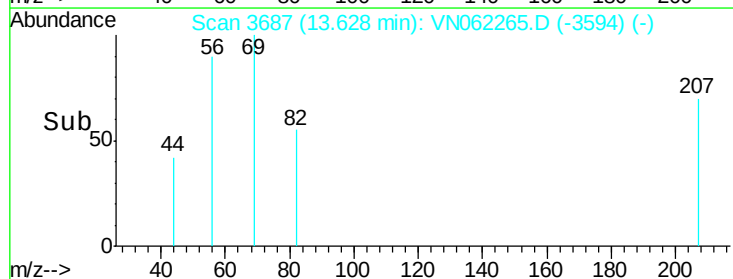
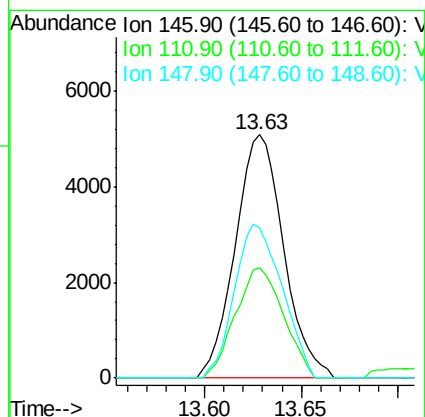
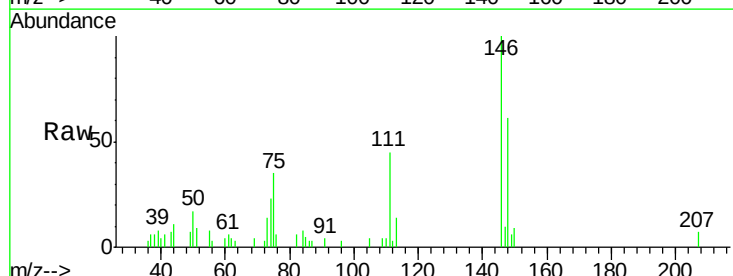
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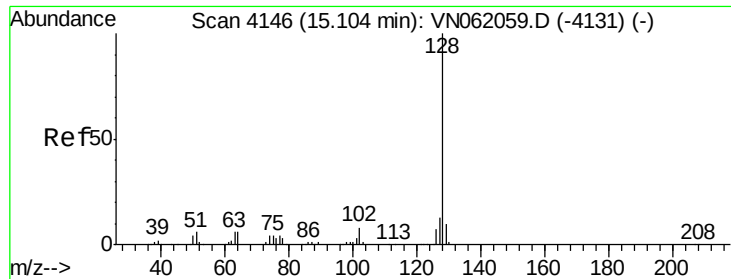
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#91
 1,2-Dichlorobenzene
 Concen: 1.554 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062265.D
 Acq: 1 Jul 2020 2:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.2	63.6
148	62.0	31.9	95.5





#95
Naphthalene
Concen: 10.174 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062265.D
Acq: 1 Jul 2020 2:42

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.9	8.6	13.0

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