

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062266.D
 Acq On : 1 Jul 2020 3:06
 Operator : JC/MD
 Sample : L3148-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

Quant Time: Jul 01 03:44:12 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	204381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	400281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229453	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	156205	54.46	ug/l	0.00
Spiked Amount			Recovery	=	108.92%	
35) Dibromofluoromethane	7.55	113	125899	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	10.06	98	540391	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.38	95	205432	59.23	ug/l	0.00
Spiked Amount			Recovery	=	118.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	326	Below Cal	#	71
11) Tert butyl alcohol	4.73	59	816	1.982	ug/l #	72
16) Acetone	3.78	43	34920	35.309	ug/l	95
17) Carbon Disulfide	4.01	76	4751	0.757	ug/l #	75
18) Methyl Acetate	4.28	43	3273	1.436	ug/l	99
20) Methylene Chloride	4.50	84	21916	8.142	ug/l	99
25) 2-Butanone	6.79	43	13540	9.658	ug/l #	81
27) cis-1,2-Dichloroethene	6.78	96	1554	0.517	ug/l	96
29) Tetrahydrofuran	7.17	42	542	0.590	ug/l #	36
31) Cyclohexane	7.63	56	5134	1.296	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	21342	5.304	ug/l #	47
37) Ethyl Acetate	6.79	43	13540	4.064	ug/l #	84
38) Carbon Tetrachloride	7.63	117	20293	5.350	ug/l #	17
39) Methylcyclohexane	9.05	83	3927	0.891	ug/l	96
40) Benzene	8.00	78	195336	15.929	ug/l	99
42) 1,2-Dichloroethane	8.00	62	1869	0.451	ug/l	78
43) Isopropyl Acetate	8.13	43	53716	9.891	ug/l	98
44) Trichloroethene	8.80	130	7048	2.278	ug/l	94
45) 1,2-Dichloropropane	9.16	63	15232	5.035	ug/l #	43
46) Dibromomethane	9.15	93	2696	1.314	ug/l #	1
47) Bromodichloromethane	9.16	83	949	0.229	ug/l #	1
48) Methyl methacrylate	9.15	41	3141	1.290	ug/l #	1
49) 1,4-Dioxane	9.15	88	5403	100.051	ug/l #	57
51) 4-Methyl-2-Pentanone	9.88	43	45042	14.195	ug/l #	43
52) Toluene	10.13	92	9126128	1219.673	ug/l #	62
53) t-1,3-Dichloropropene	10.13	75	211450	46.405	ug/l #	1
54) cis-1,3-Dichloropropene	9.88	75	22408	4.619	ug/l #	66
55) 1,1,2-Trichloroethane	10.50	97	2792	0.949	ug/l #	16
56) Ethyl methacrylate	10.40	69	1678	0.427	ug/l #	28
57) 1,3-Dichloropropane	10.73	76	4428	0.875	ug/l #	42
59) 2-Hexanone	10.74	43	55785	24.346	ug/l #	53
60) Dibromochloromethane	10.60	129	6935	2.227	ug/l #	10
64) Tetrachloroethene	10.60	164	7753	2.656	ug/l	94
65) Chlorobenzene	11.41	112	685050	72.991	ug/l	100

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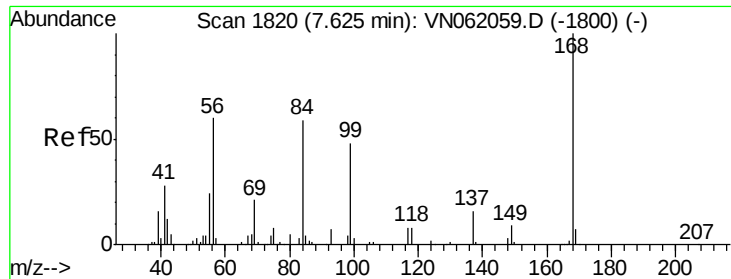
Instrument :
 MSVOA_N
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Quant Time: Jul 01 03:44:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	11.48	91	403007	25.425	ug/l	98
68) m/p-Xylenes	11.59	106	666718	108.749	ug/l	96
69) o-Xylene	11.92	106	1971932	340.900	ug/l	95
70) Styrene	11.92	104	97327	10.089	ug/l #	1
71) Bromoform	12.37	173	1450	0.628	ug/l #	1
73) Isopropylbenzene	12.22	105	19309	1.087	ug/l	100
74) N-amyl acetate	12.00	43	7524	4.417	ug/l #	46
76) 1,2,3-Trichloropropane	12.66	75	2599050	481.171	ug/l #	100
78) n-propylbenzene	12.66	91	15183176	747.330	ug/l #	53
79) 2-Chlorotoluene	12.66	91	15183176	1236.185	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.71	105	3021	0.210	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.38	75	107840	58.305	ug/l #	13
82) 4-Chlorotoluene	12.76	91	13794494	1086.083	ug/l #	36
84) 1,2,4-Trimethylbenzene	13.02	105	17763	1.235	ug/l	67
86) p-Isopropyltoluene	13.26	119	149504	10.480	ug/l	99
87) 1,3-Dichlorobenzene	13.34	146	314926	40.671	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	314926	39.455	ug/l	97
89) n-Butylbenzene	13.59	91	30199	2.546	ug/l #	44
91) 1,2-Dichlorobenzene	13.63	146	314852	41.932	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1514006	1598.999	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.88	180	13066	3.983	ug/l #	25
95) Naphthalene	15.10	128	387915	36.629	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	3976	1.185	ug/l #	83

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

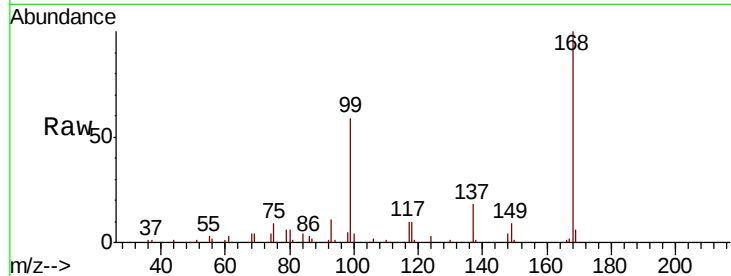
EPEC-POLYMERS-05

Tot Ion:168 Resp: 204381

Ion Ratio Lower Upper

168 100

99 59.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

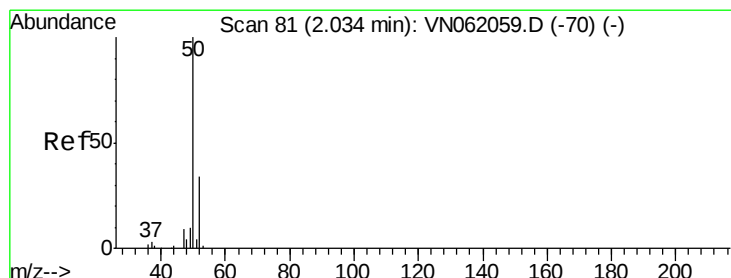
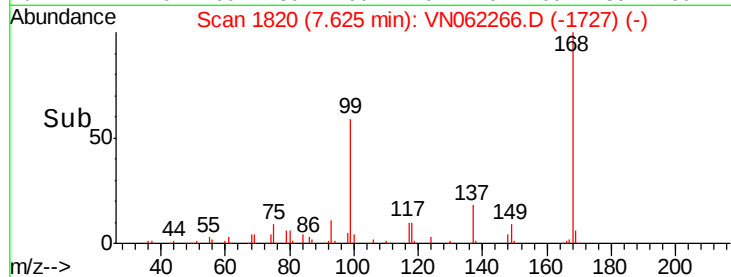
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062266.D

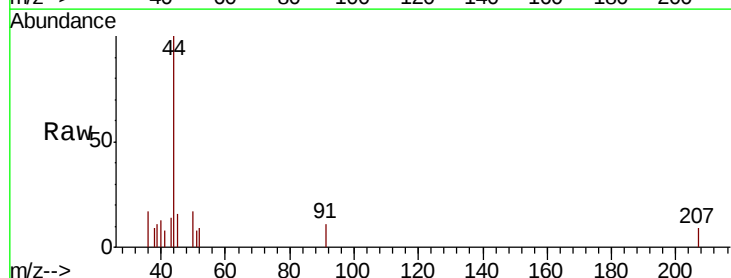
Acq: 1 Jul 2020 3:06

Tgt Ion: 50 Resp: 326

Ion Ratio Lower Upper

50 100

52 50.6 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

400

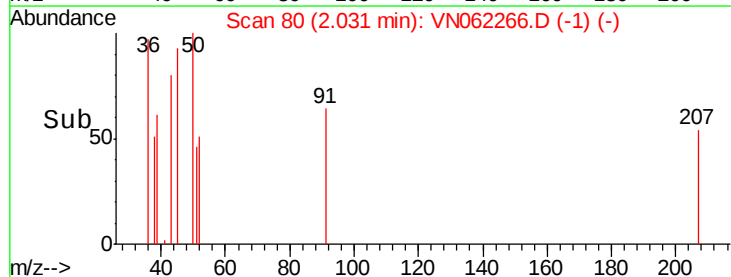
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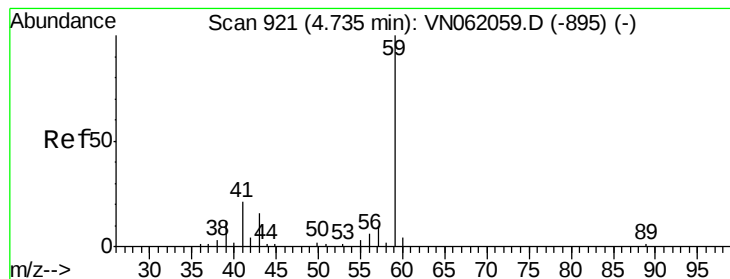
200

100

0

Time-->



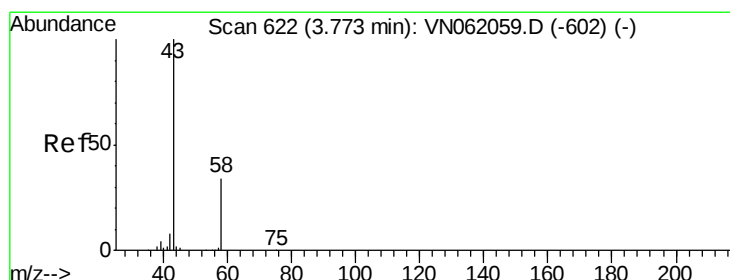
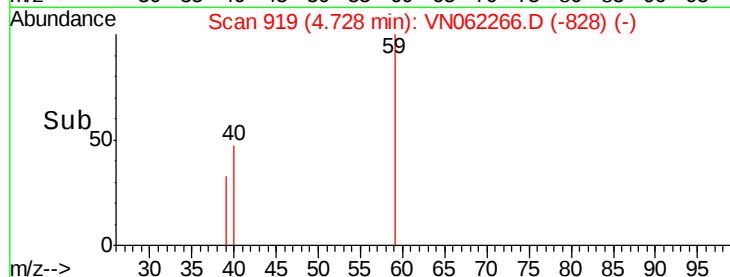
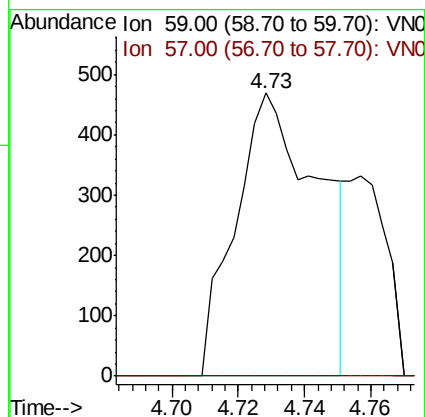
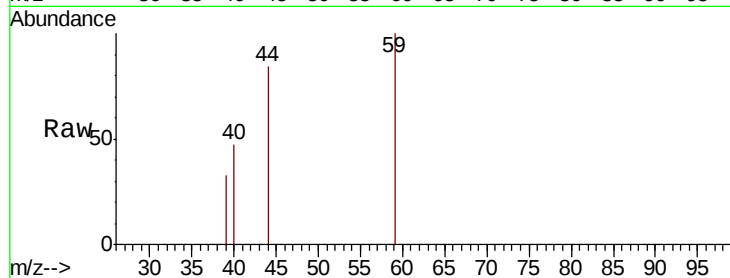


#11

Tert butyl alcohol
 Concen: 1.982 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

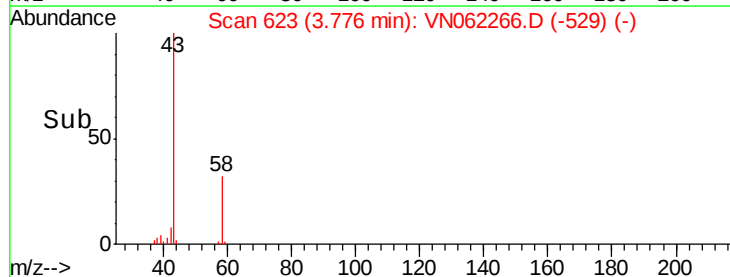
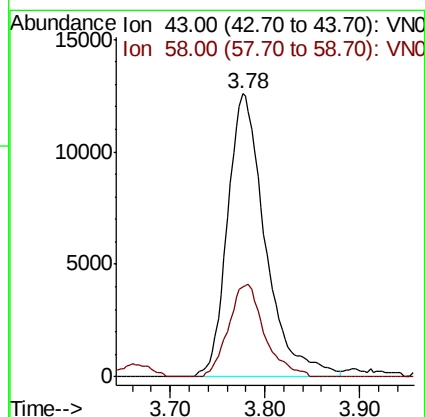
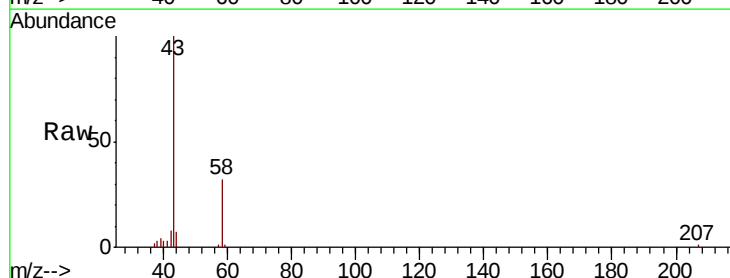
Tot Ion: 59 Resp: 816
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

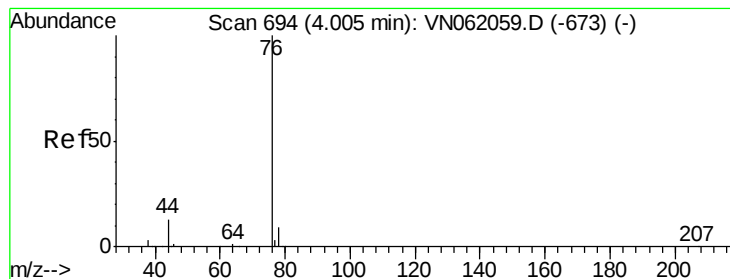


#16

Acetone
 Concen: 35.309 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Tgt Ion: 43 Resp: 34920
 Ion Ratio Lower Upper
 43 100
 58 31.7 27.5 41.3





#17

Carbon Disulfide

Concen: 0.757 ug/l

RT: 4.01 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

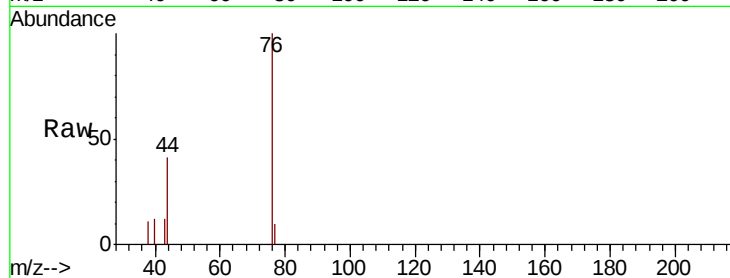
EPEC-POLYMERS-05

Tot Ion: 76 Resp: 4751

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)

4.01

1500

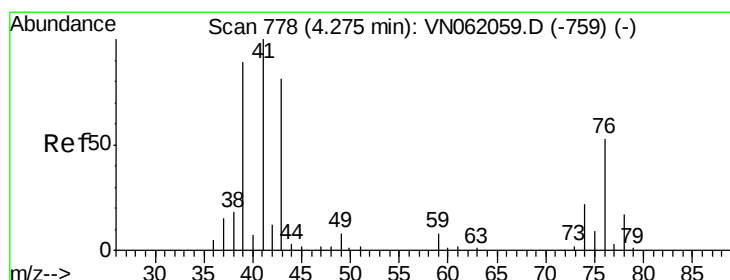
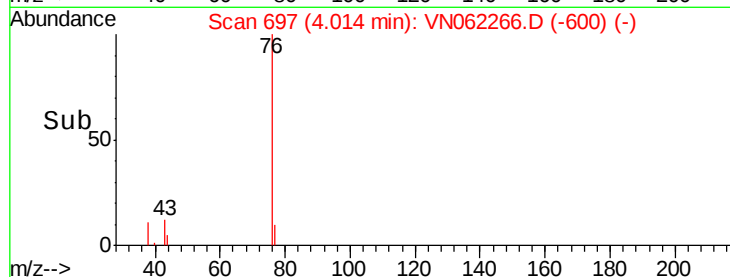
1000

500

0

3.95 4.00 4.05

Time-->



#18

Methyl Acetate

Concen: 1.436 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062266.D

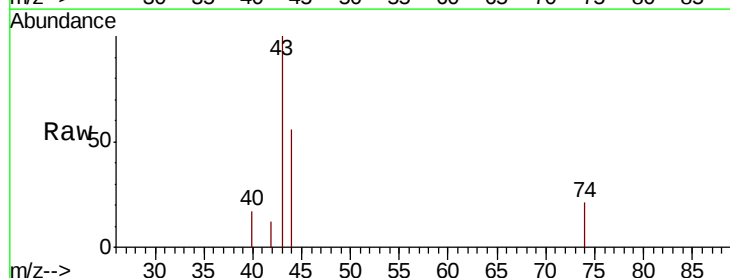
Acq: 1 Jul 2020 3:06

Tgt Ion: 43 Resp: 3273

Ion Ratio Lower Upper

43 100

74 29.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)

4.28

1500

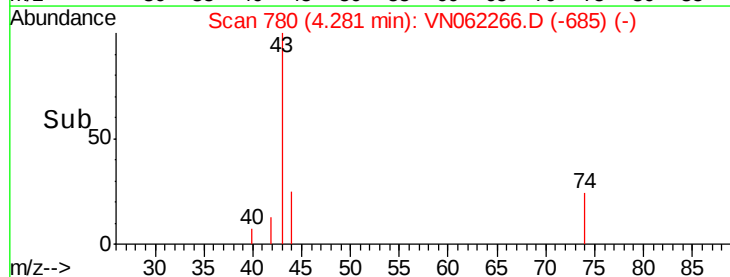
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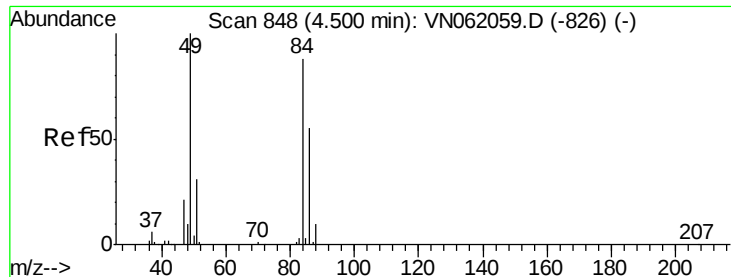
500

0

4.25 4.30 4.35

Time-->

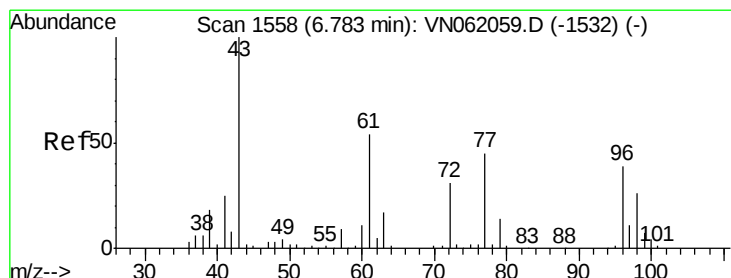
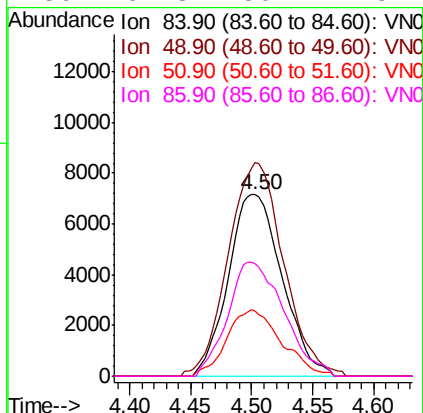
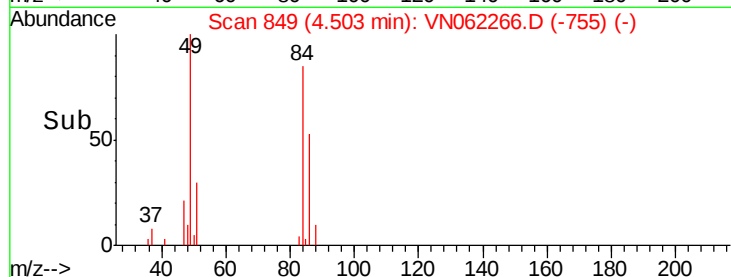
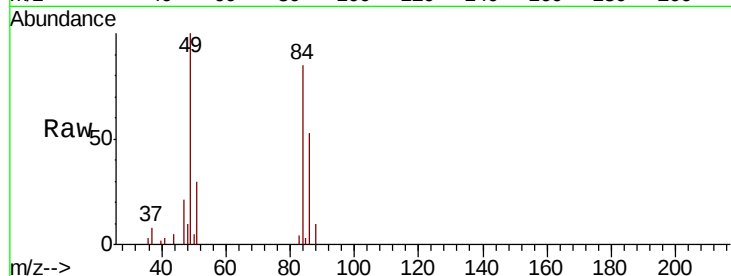




#20
Methvlene Chloride
Concen: 8.142 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

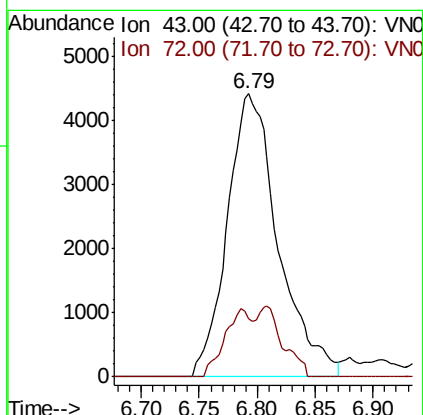
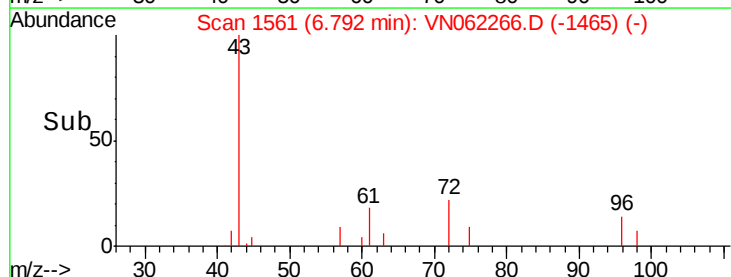
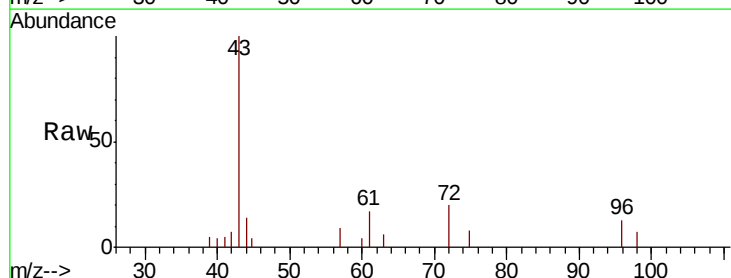
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

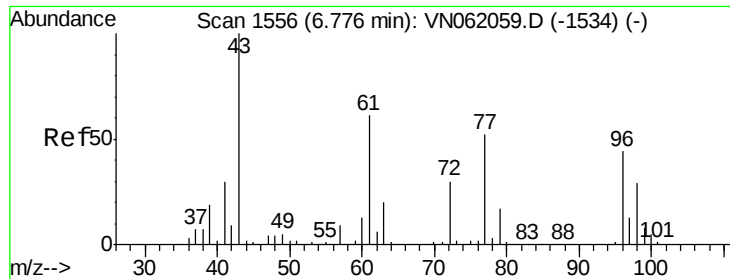
Tot Ion: 84 Resp: 21916
Ion Ratio Lower Upper
84 100
49 114.9 90.6 136.0
51 35.7 27.8 41.8
86 62.3 50.1 75.1



#25
2-Butanone
Concen: 9.658 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Tgt Ion: 43 Resp: 13540
Ion Ratio Lower Upper
43 100
72 20.4 24.8 37.2#





#27

cis-1,2-Dichloroethene

Concen: 0.517 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

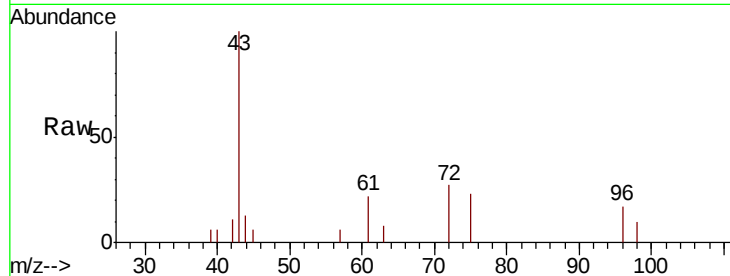
Tot Ion: 96 Resp: 1554

Ion Ratio Lower Upper

96 100

61 144.9 0.0 280.4

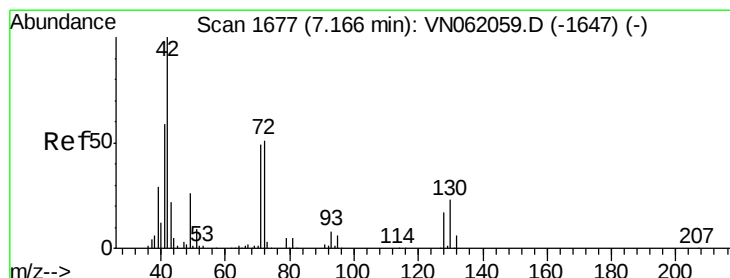
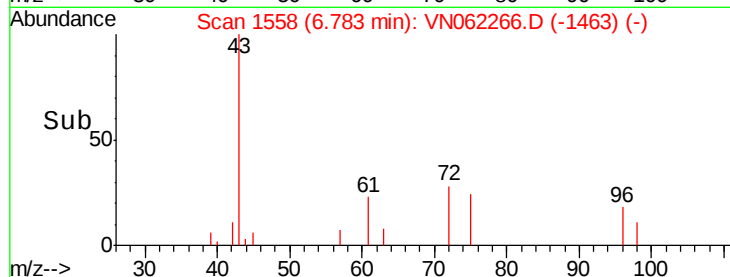
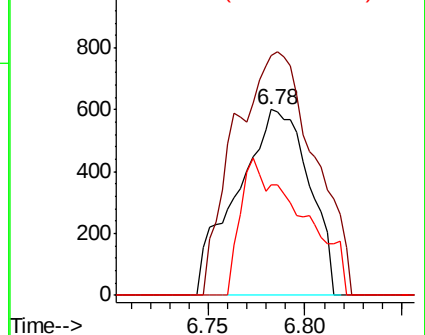
98 62.4 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#29

Tetrahydrofuran

Concen: 0.590 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.01 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

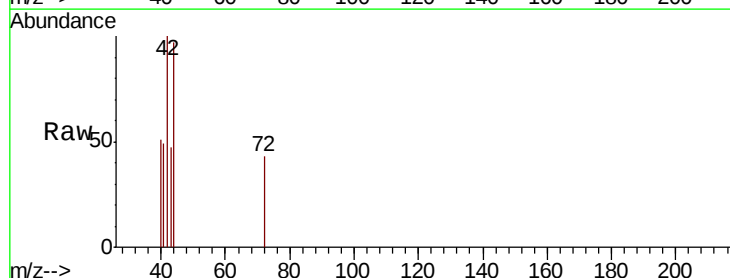
Tgt Ion: 42 Resp: 542

Ion Ratio Lower Upper

42 100

72 11.1 41.1 61.7#

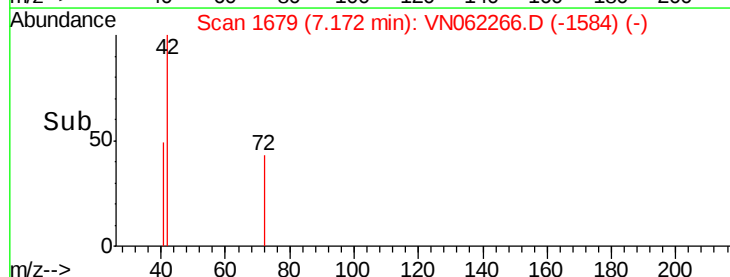
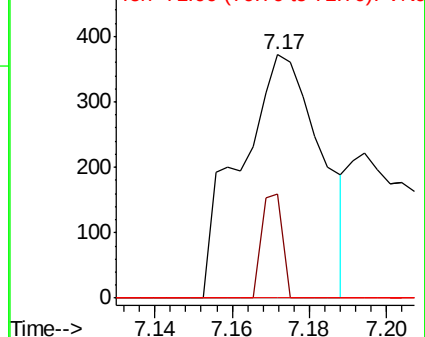
71 0.0 38.2 57.4#

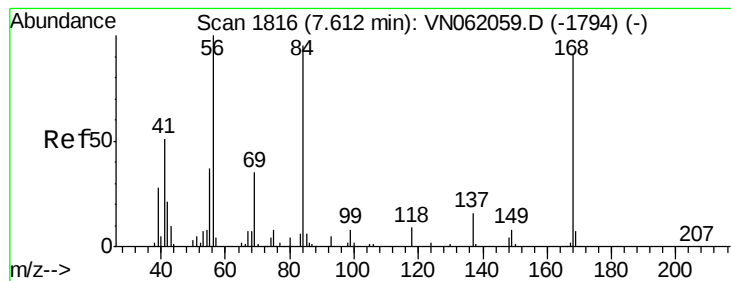


Abundance Ion 42.00 (41.70 to 42.70): VN062059.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062059.D (-1647) (-)





#31

Cyclohexane

Concen: 1.296 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

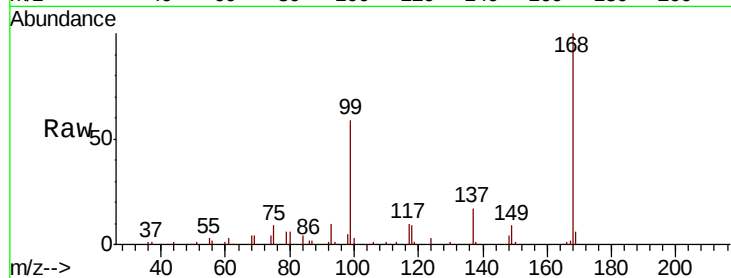
Tot Ion: 56 Resp: 5134

Ion Ratio Lower Upper

56 100

69 174.4 28.0 42.0#

84 153.9 76.1 114.1#

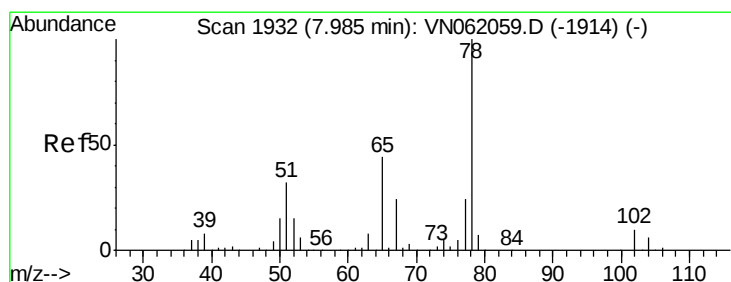
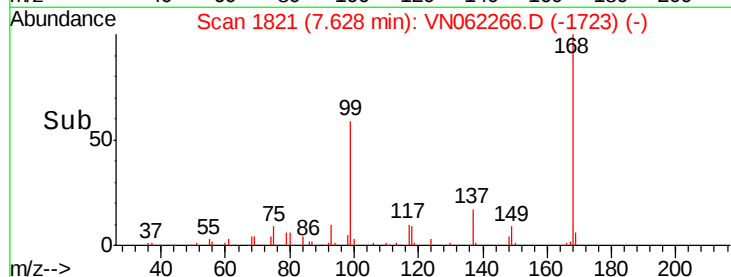
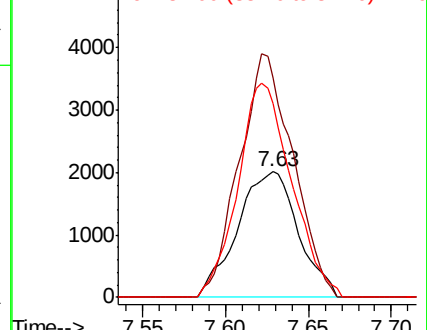


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.462 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062266.D

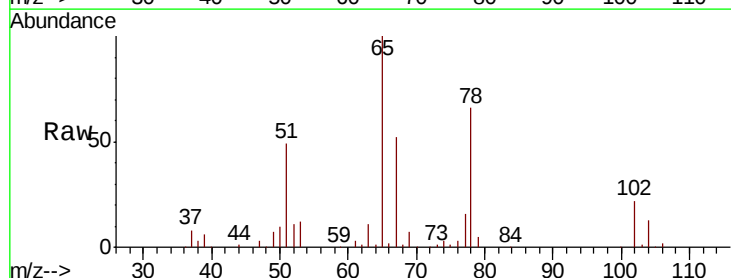
Acq: 1 Jul 2020 3:06

Tgt Ion: 65 Resp: 156205

Ion Ratio Lower Upper

65 100

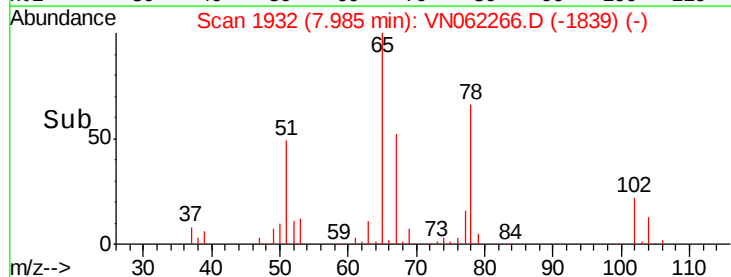
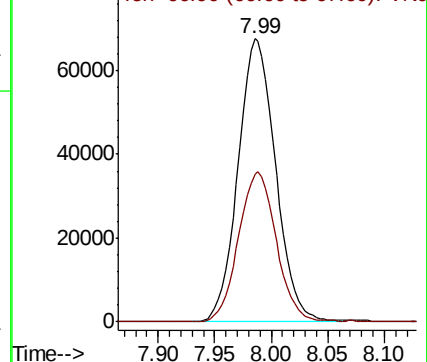
67 53.4 0.0 106.2

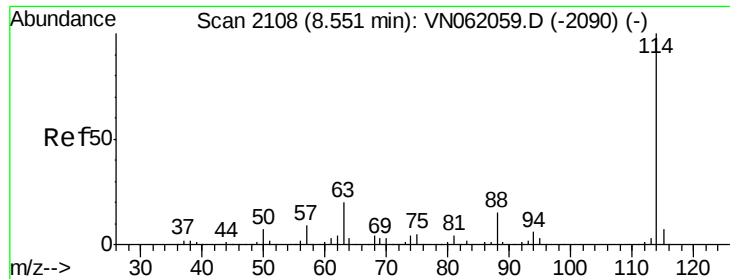


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

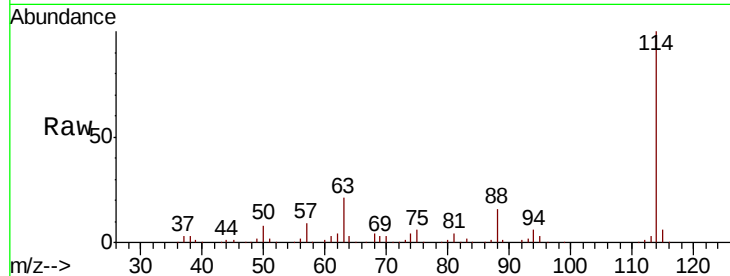




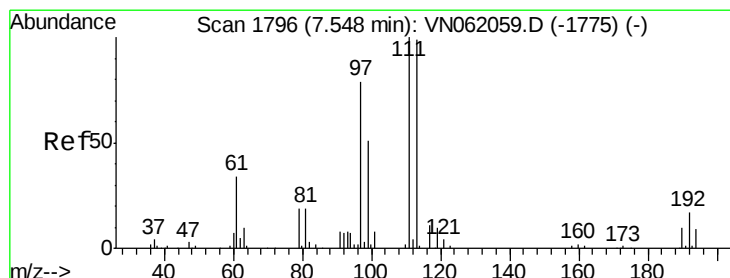
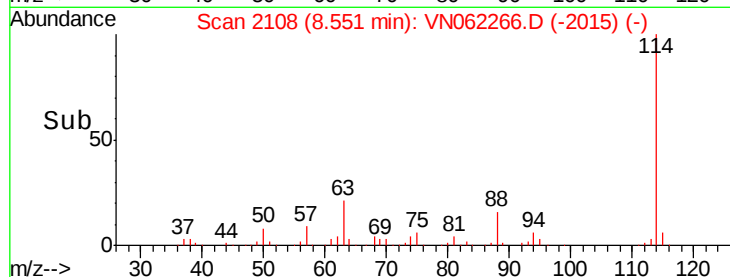
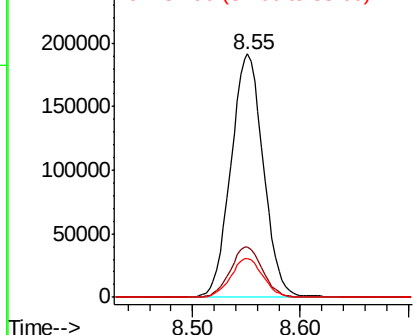
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion:114 Resp: 400281
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 16.0 0.0 30.8

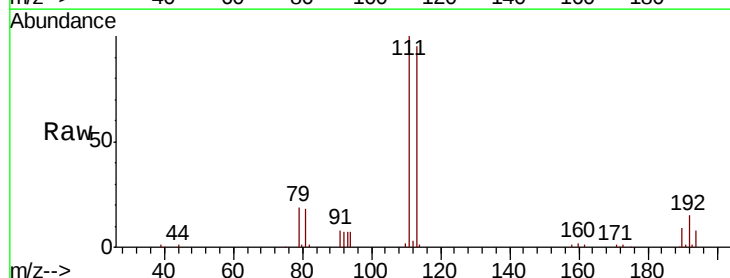


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

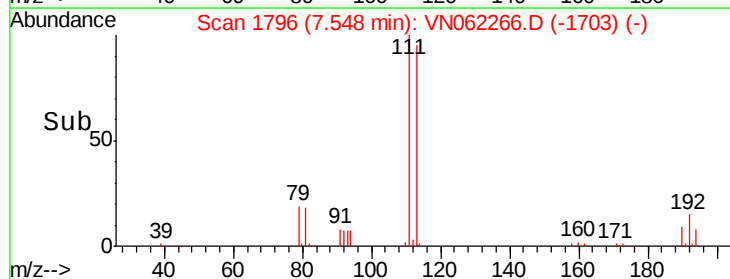
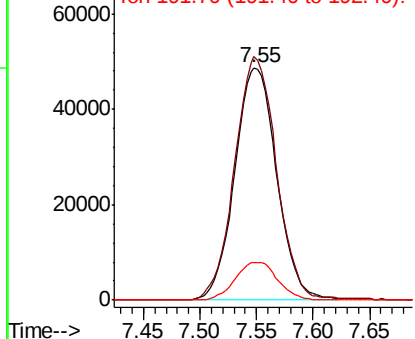


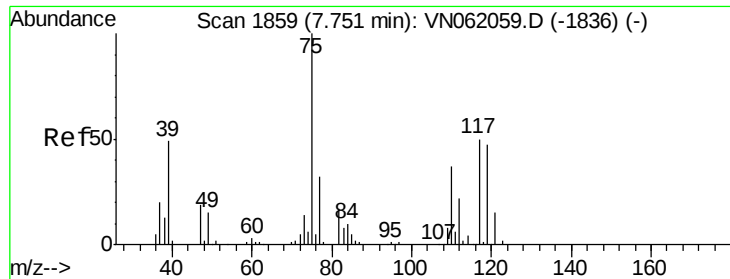
#35
Dibromofluoromethane
Concen: 49.026 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Tgt Ion:113 Resp: 125899
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 16.3 14.0 21.0



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: 5.304 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

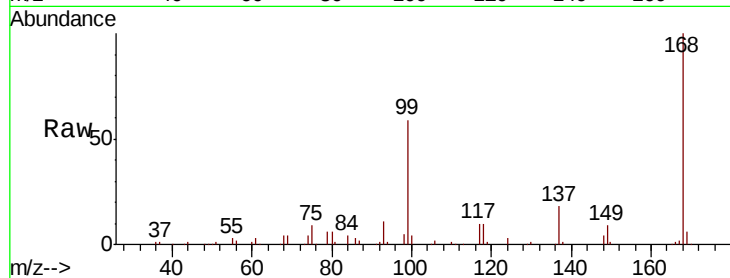
Tot Ion: 75 Resp: 21342

Ion Ratio Lower Upper

75 100

110 6.9 17.9 53.8#

77 0.0 24.9 37.3#

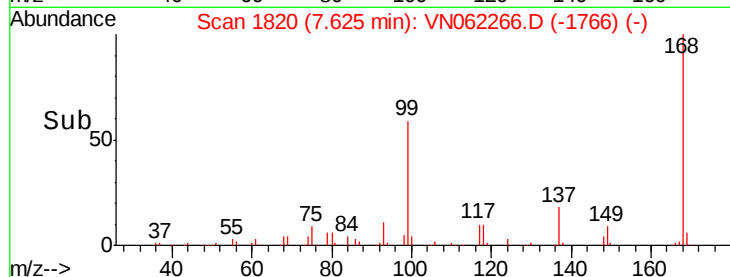


Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-1836) (-)

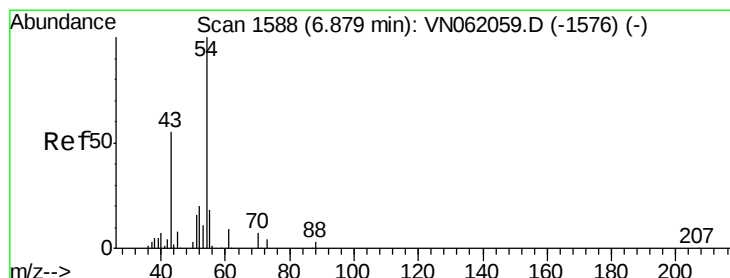
Ion 109.90 (109.60 to 110.60): VN062059.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN062059.D (-1836) (-)

Time-->



Time-->



#37

Ethyl Acetate

Concen: 4.064 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.09 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

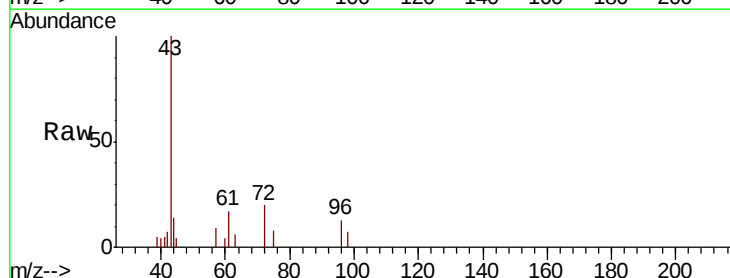
Tgt Ion: 43 Resp: 13540

Ion Ratio Lower Upper

43 100

61 16.6 12.0 18.0

70 0.0 9.6 14.4#

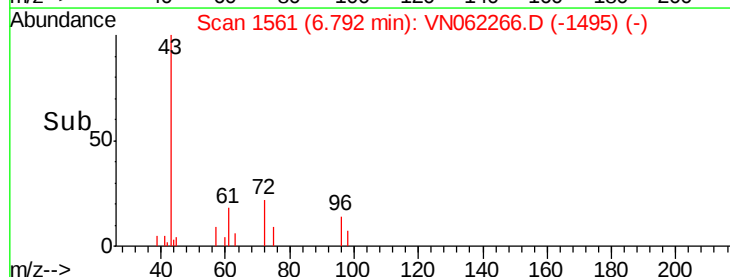


Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1576) (-)

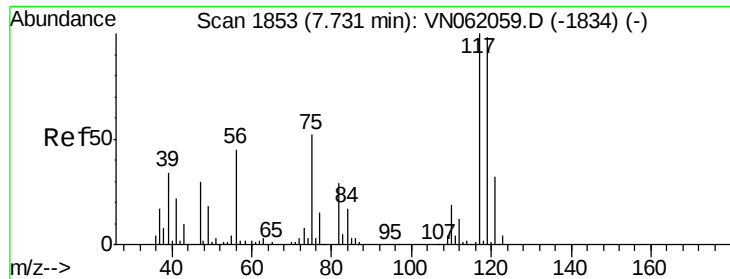
Ion 60.90 (60.60 to 61.60): VN062059.D (-1576) (-)

Ion 70.00 (69.70 to 70.70): VN062059.D (-1576) (-)

Time-->



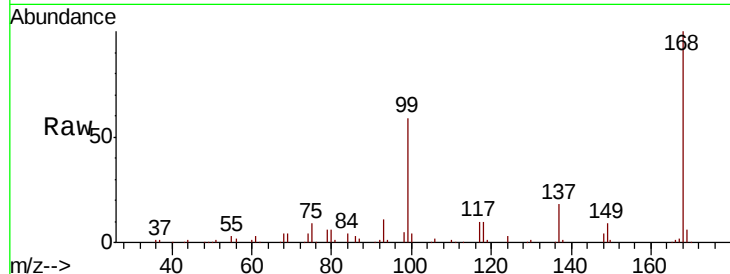
Time-->



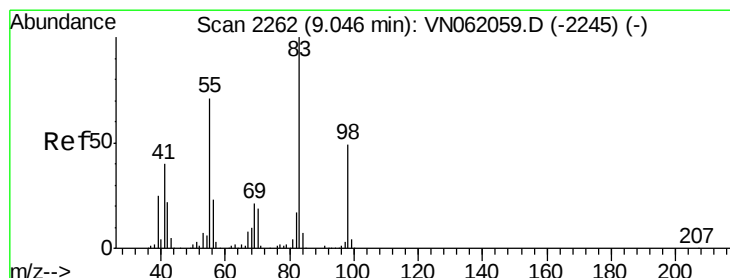
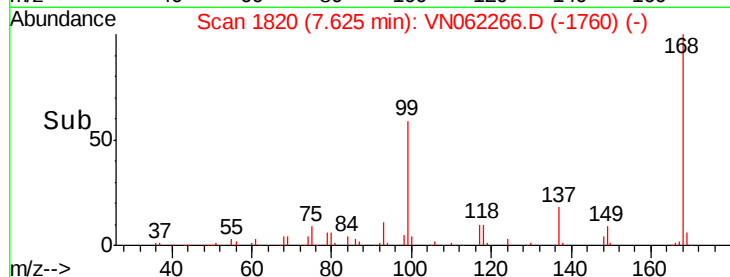
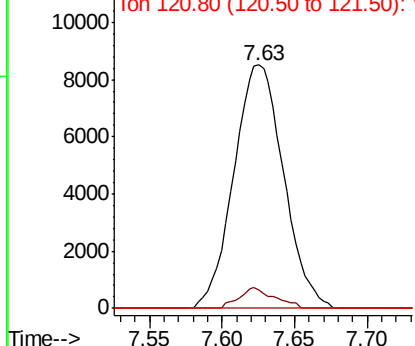
#38
Carbon Tetrachloride
Concen: 5.350 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion:117 Resp: 20293
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 25.8 38.6#

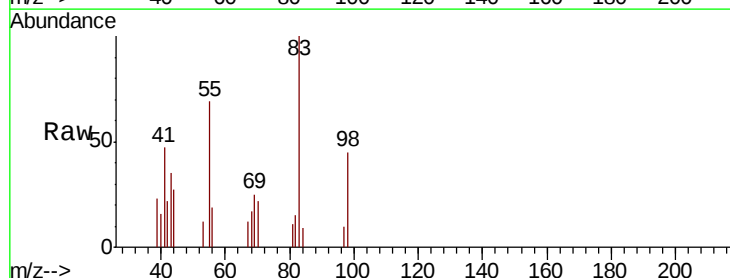


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

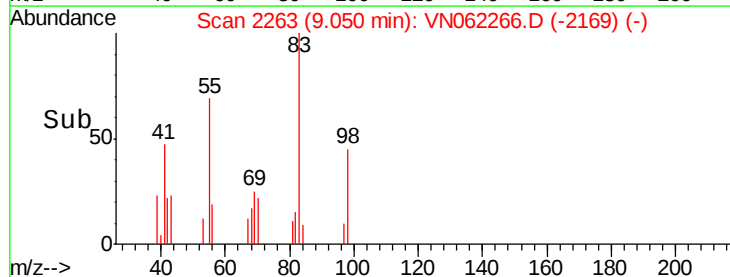
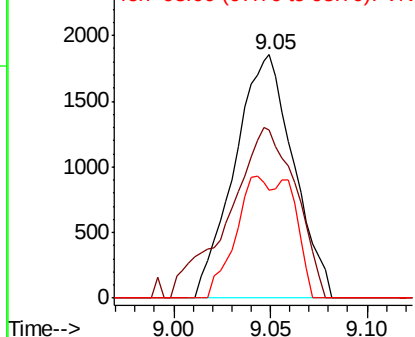


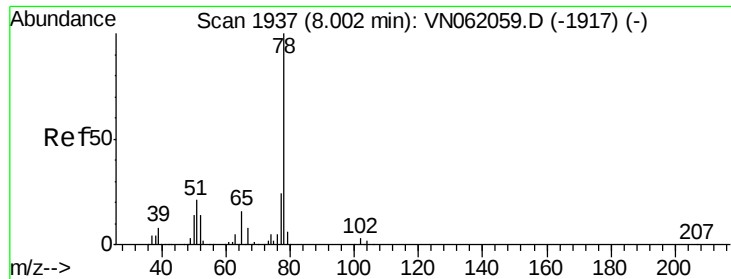
#39
Methylcyclohexane
Concen: 0.891 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Tgt Ion: 83 Resp: 3927
Ion Ratio Lower Upper
83 100
55 68.8 57.0 85.6
98 44.6 39.0 58.6



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 15.929 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

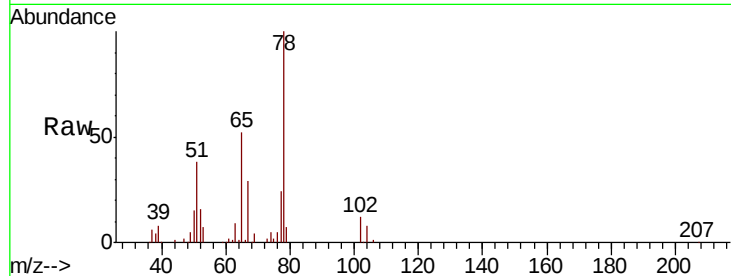
EPEC-POLYMERS-05

Tot Ion: 78 Resp: 195336

Ion Ratio Lower Upper

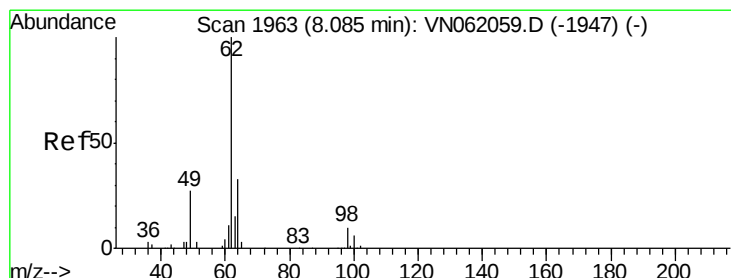
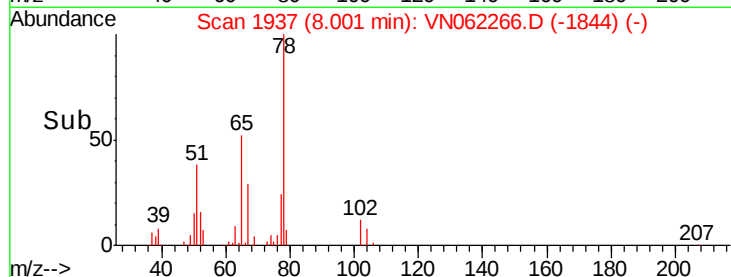
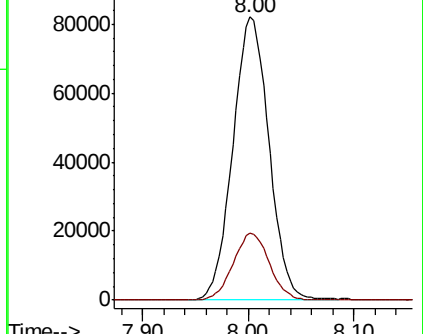
78 100

77 23.7 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

1,2-Dichloroethane

Concen: 0.451 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.08 min

Lab File: VN062266.D

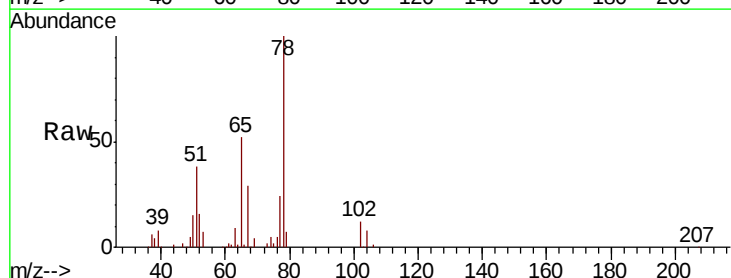
Acq: 1 Jul 2020 3:06

Tgt Ion: 62 Resp: 1869

Ion Ratio Lower Upper

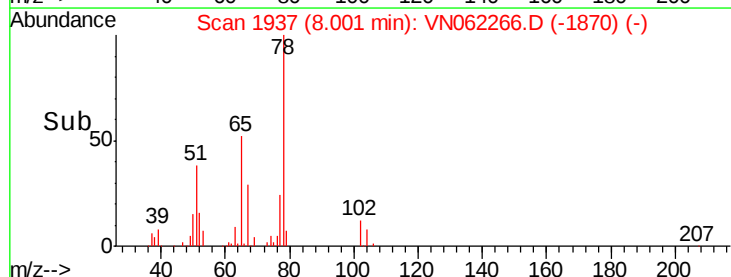
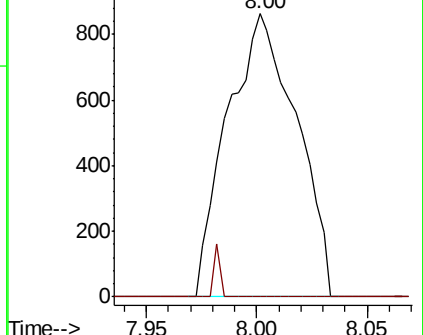
62 100

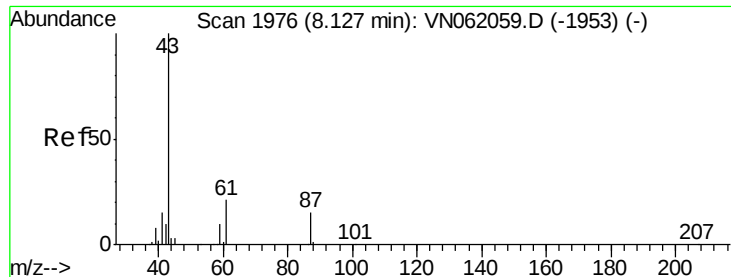
98 1.7 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 9.891 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

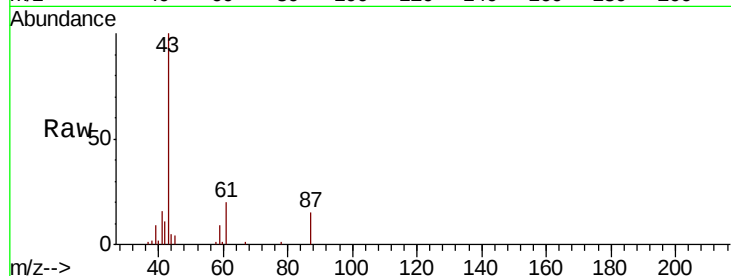
Tot Ion: 43 Resp: 53716

Ion Ratio Lower Upper

43 100

61 20.3 17.2 25.8

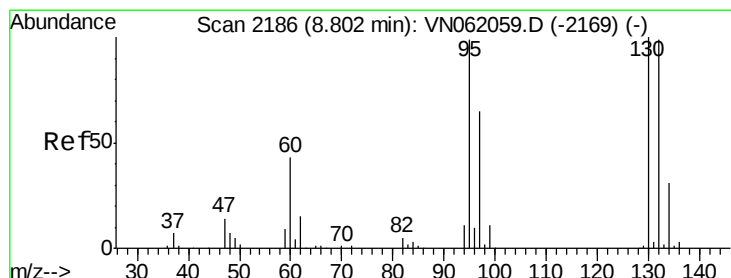
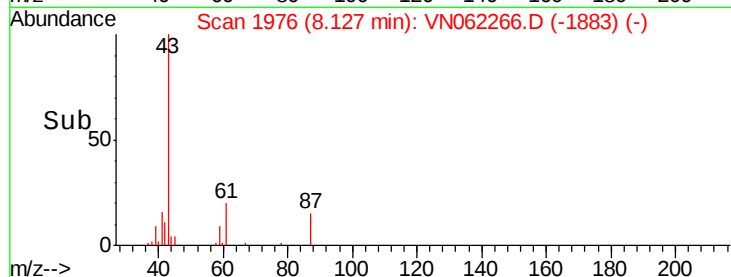
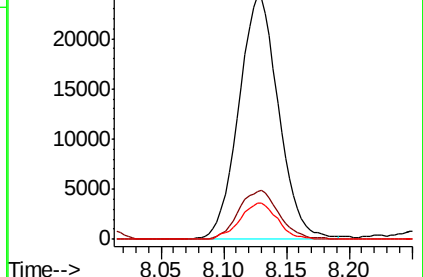
87 14.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 2.278 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062266.D

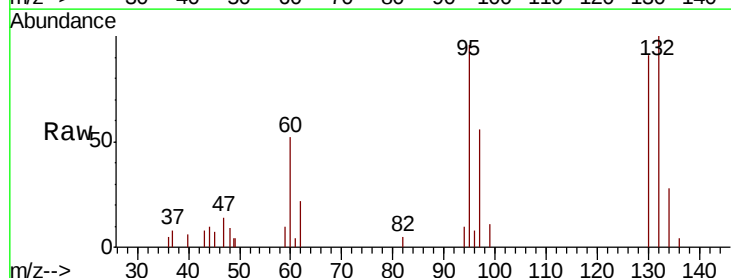
Acq: 1 Jul 2020 3:06

Tgt Ion: 130 Resp: 7048

Ion Ratio Lower Upper

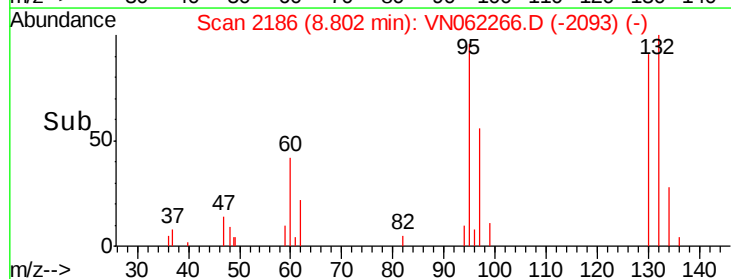
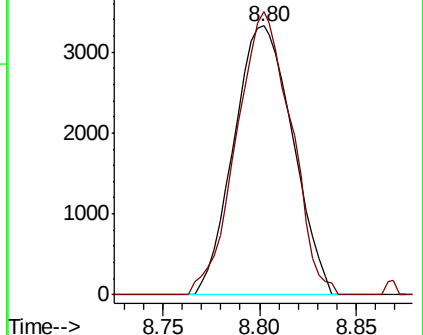
130 100

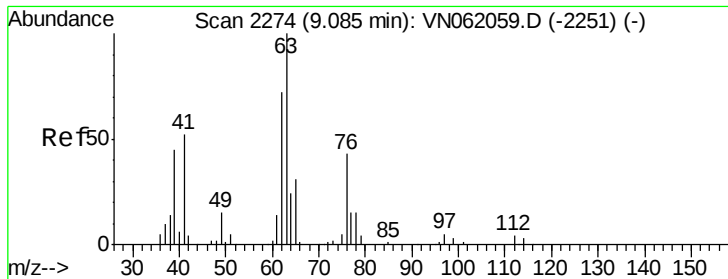
95 105.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 5.035 ug/l

RT: 9.16 min Scan# 2296

Delta R.T. 0.07 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

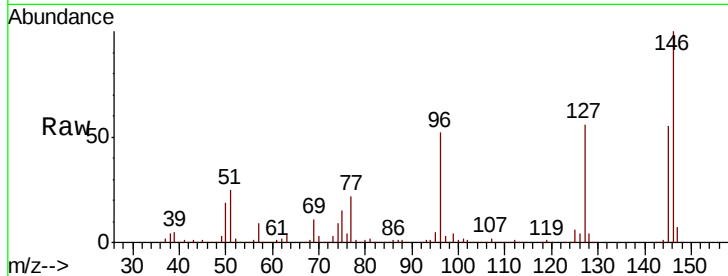
EPEC-POLYMERS-05

Tot Ion: 63 Resp: 15232

Ion Ratio Lower Upper

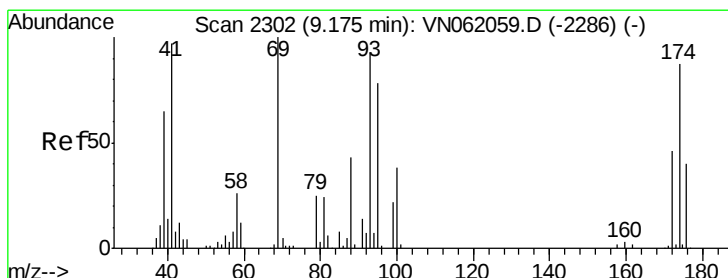
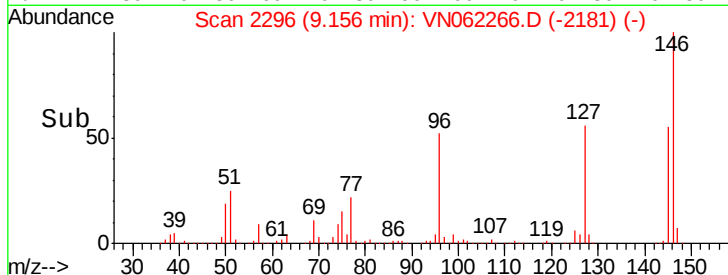
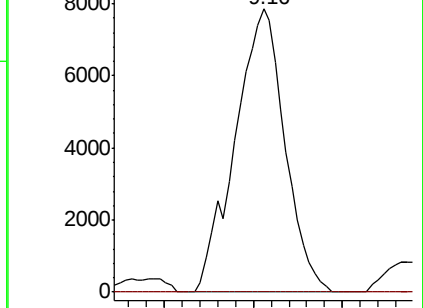
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN062266.D (-2296) (-)

Ion 64.90 (64.60 to 65.60): VN062266.D (-2296) (-)



#46

Dibromomethane

Concen: 1.314 ug/l

RT: 9.15 min Scan# 2294

Delta R.T. -0.03 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

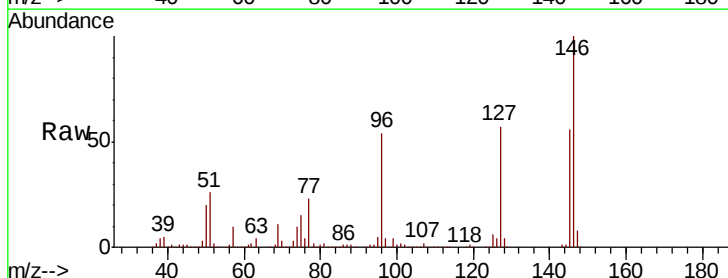
Tgt Ion: 93 Resp: 2696

Ion Ratio Lower Upper

93 100

95 751.2 67.0 100.6#

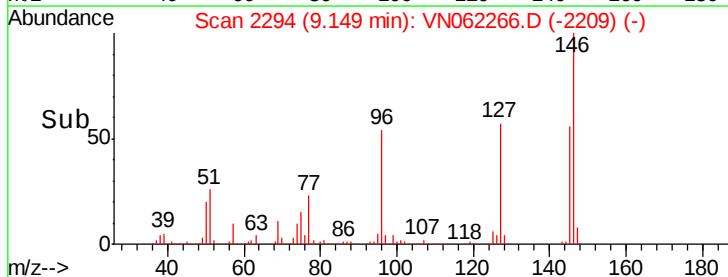
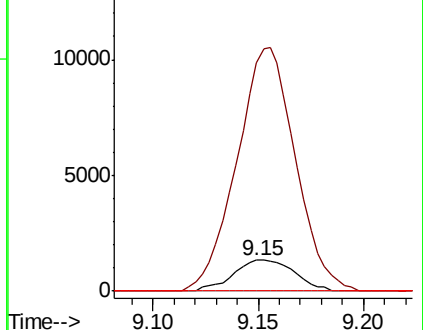
174 0.0 74.4 111.6#

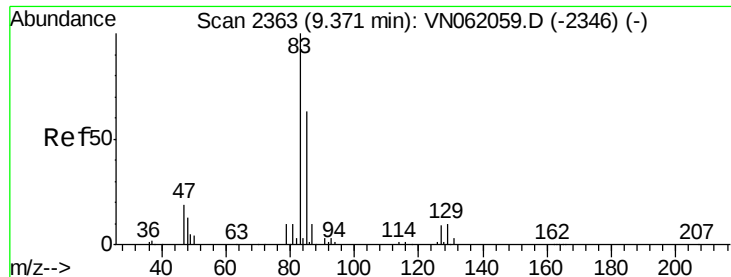


Abundance Ion 92.80 (92.50 to 93.50): VN062266.D (-2294) (-)

Ion 94.80 (94.50 to 95.50): VN062266.D (-2294) (-)

Ion 173.70 (173.40 to 174.40): VN062266.D (-2294) (-)





#47

Bromodichloromethane

Concen: 0.229 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.21 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

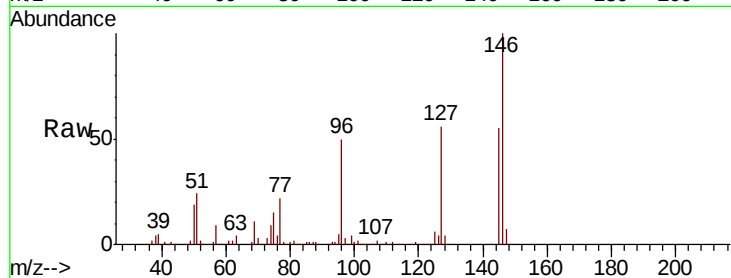
Tot Ion: 83 Resp: 949

Ion Ratio Lower Upper

83 100

85 175.4 50.3 75.5#

127 17305.1 6.9 10.3#

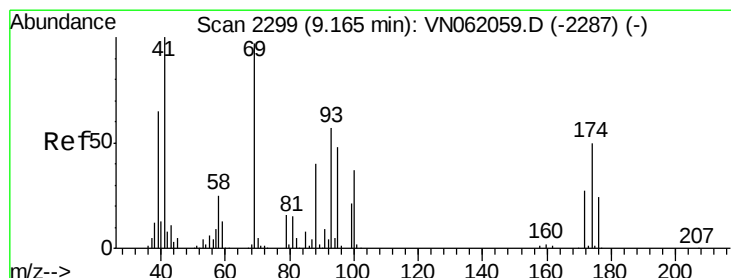
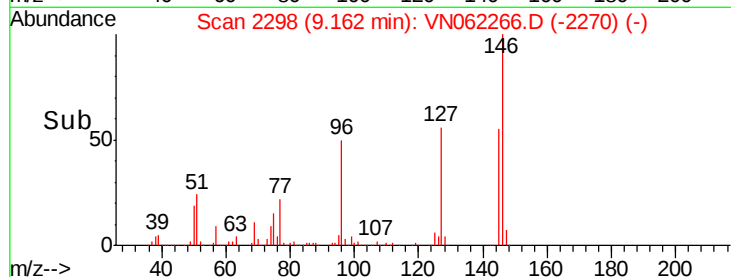
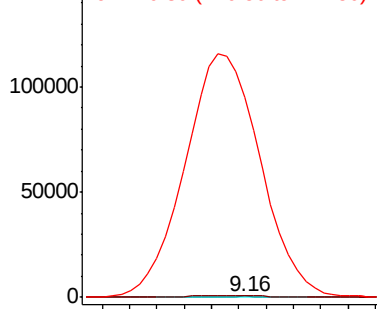


Abundance

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.290 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.02 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

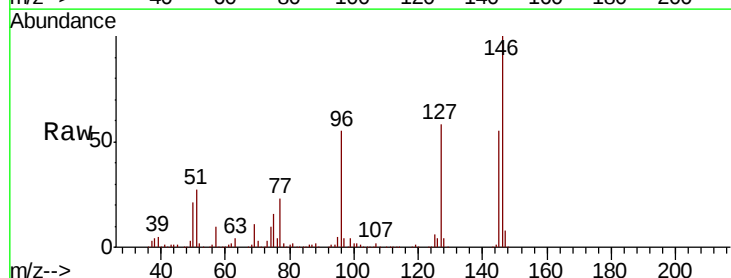
Tgt Ion: 41 Resp: 3141

Ion Ratio Lower Upper

41 100

69 1390.5 80.7 121.1#

39 691.8 54.5 81.7#

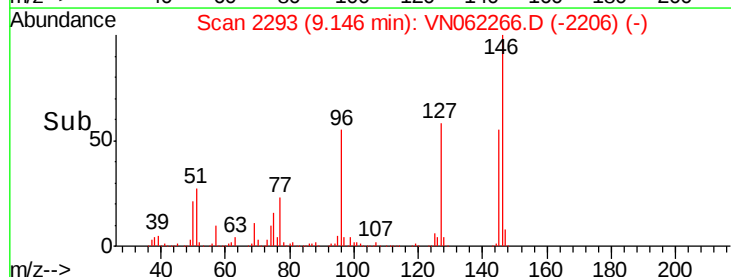
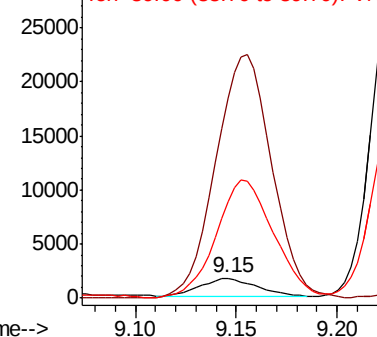


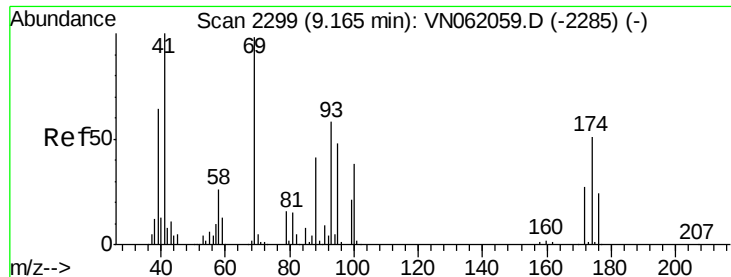
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

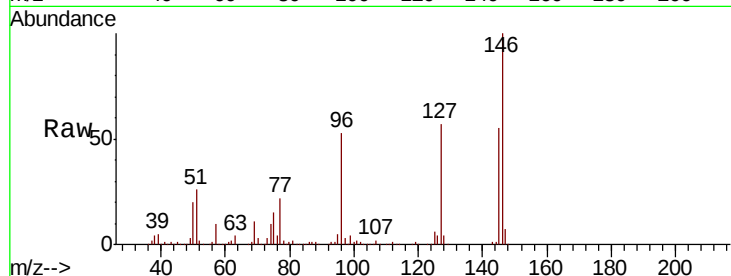




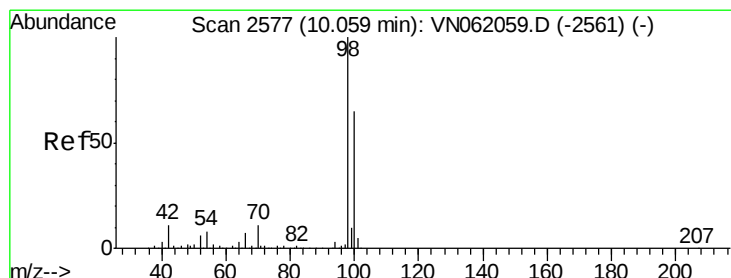
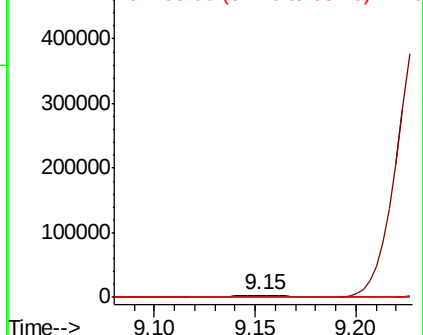
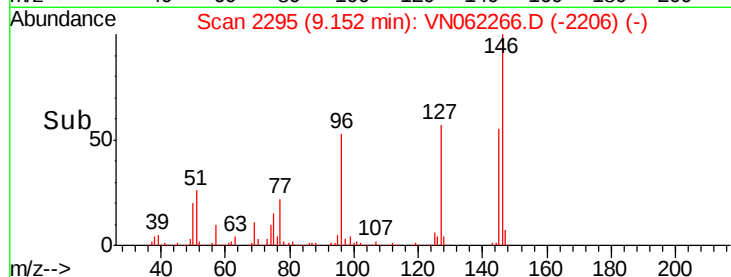
#49
1,4-Dioxane
Concen: 100.051 ug/l
RT: 9.15 min Scan# 2295
Delta R.T. -0.01 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion: 88 Resp: 5403
Ion Ratio Lower Upper
88 100
43 0.0 22.0 33.0#
58 31.4 49.2 73.8#

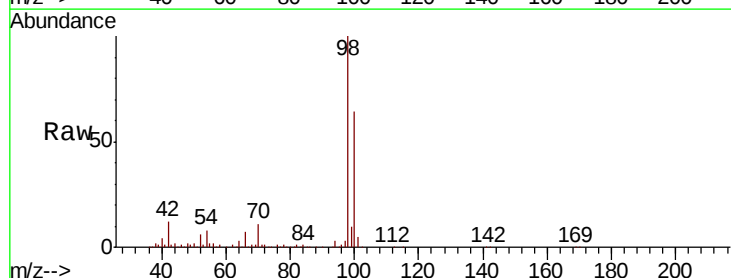


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

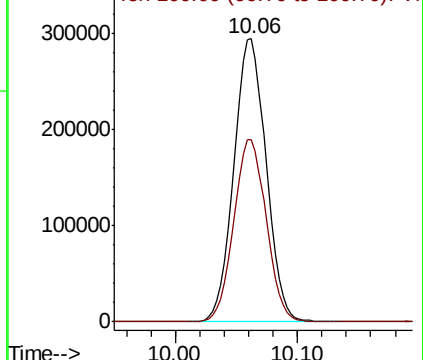
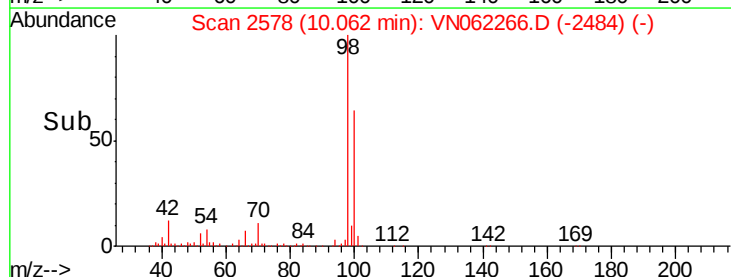


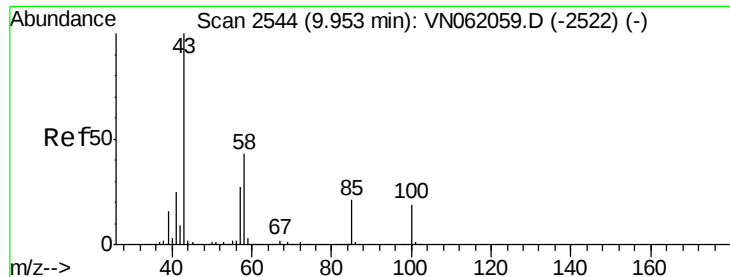
#50
Toluene-d8
Concen: 52.643 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Tgt Ion: 98 Resp: 540391
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 14.195 ug/l

RT: 9.88 min Scan# 2520

Delta R.T. -0.08 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

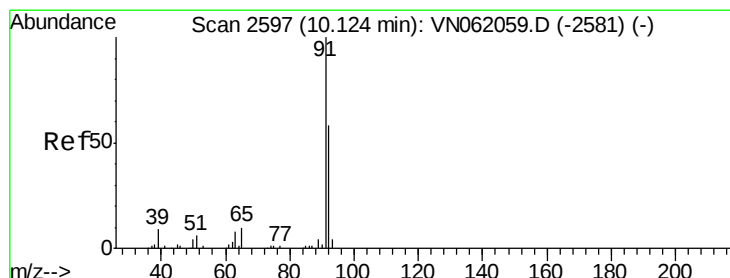
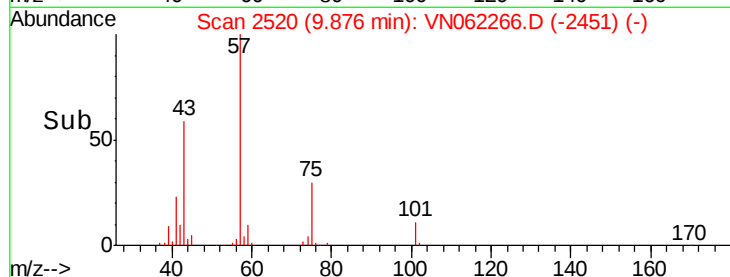
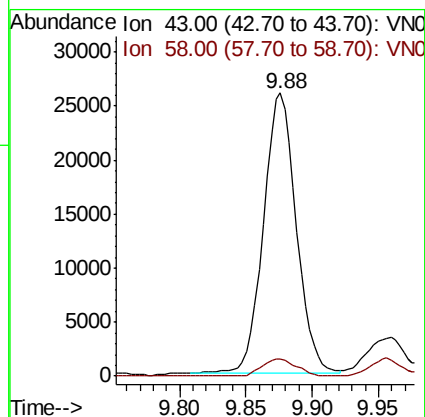
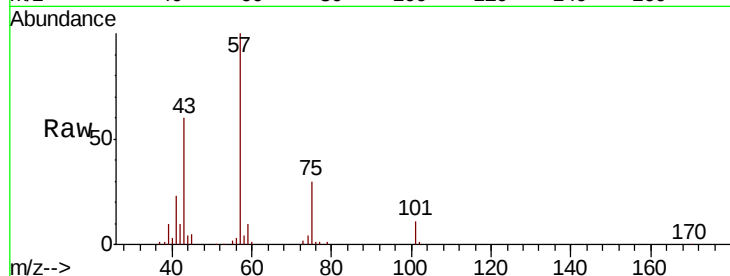
EPEC-POLYMERS-05

Tot Ion: 43 Resp: 45042

Ion Ratio Lower Upper

43 100

58 6.3 34.2 51.2#



#52

Toluene

Concen: 1219.673 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062266.D

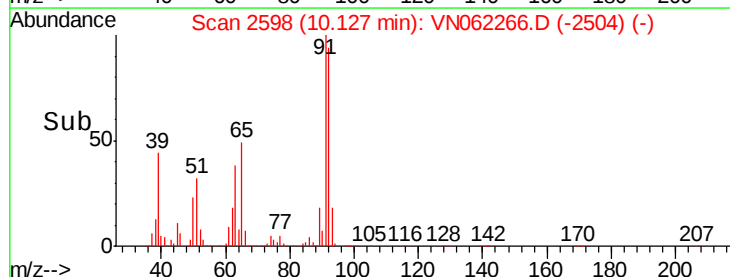
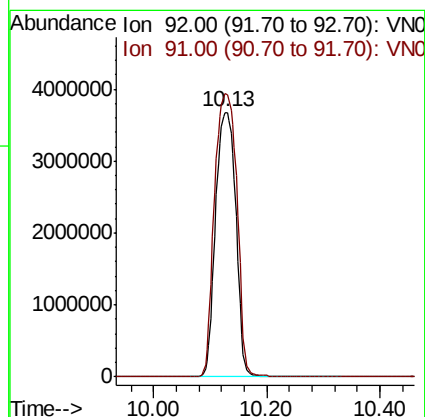
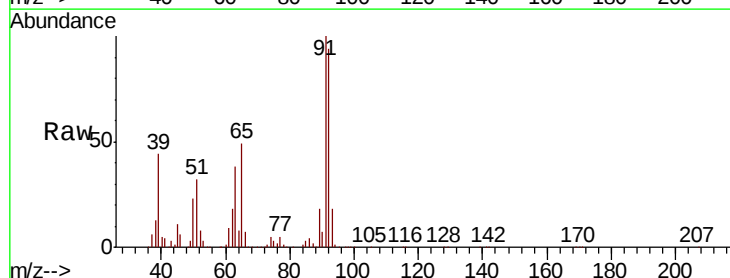
Acq: 1 Jul 2020 3:06

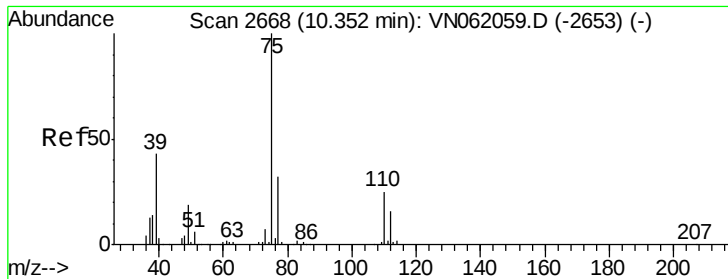
Tgt Ion: 92 Resp: 9126128

Ion Ratio Lower Upper

92 100

91 118.9 137.4 206.0#





#53

t-1,3-Dichloropropene

Concen: 46.405 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.23 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

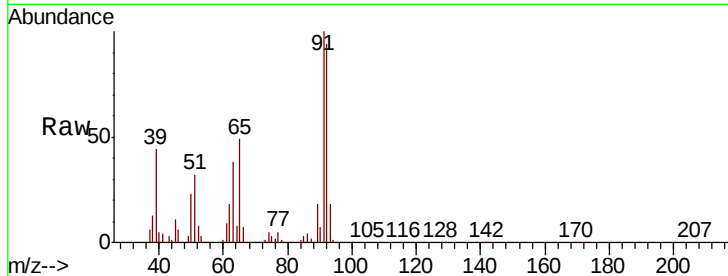
EPEC-POLYMERS-05

Tot Ion: 75 Resp: 211450

Ion Ratio Lower Upper

75 100

77 164.1 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.13

200000

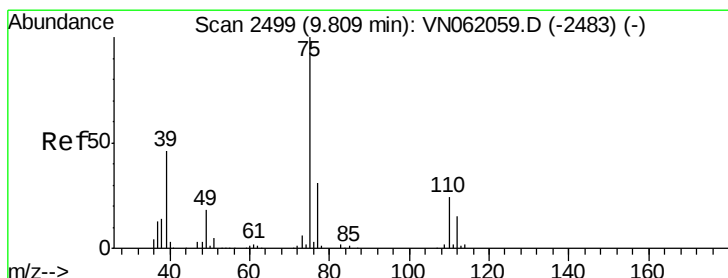
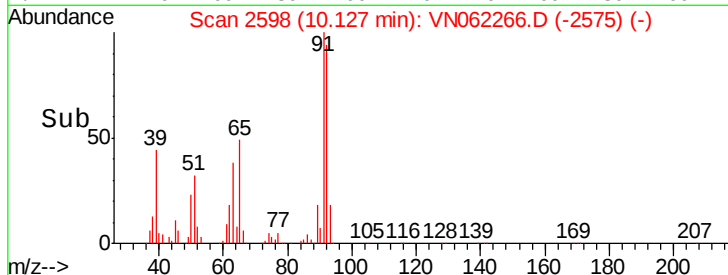
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.619 ug/l

RT: 9.88 min Scan# 2520

Delta R.T. 0.07 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

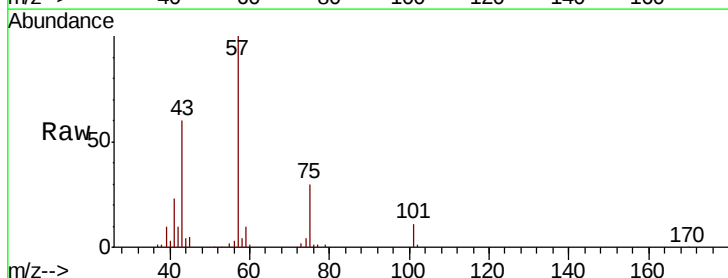
Tgt Ion: 75 Resp: 22408

Ion Ratio Lower Upper

75 100

77 0.7 25.0 37.6#

39 32.9 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.88

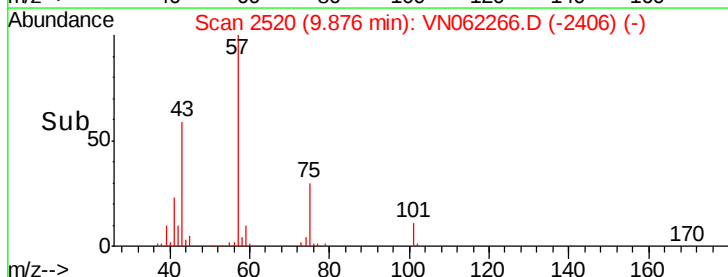
15000

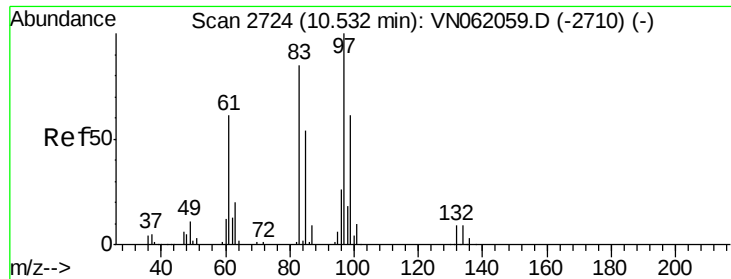
10000

5000

0

Time-->

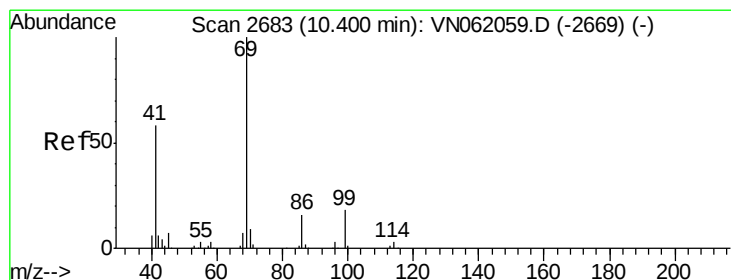
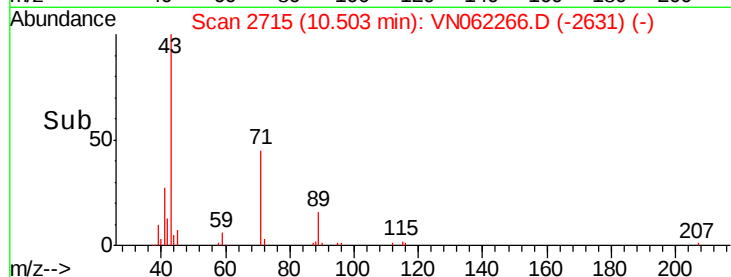
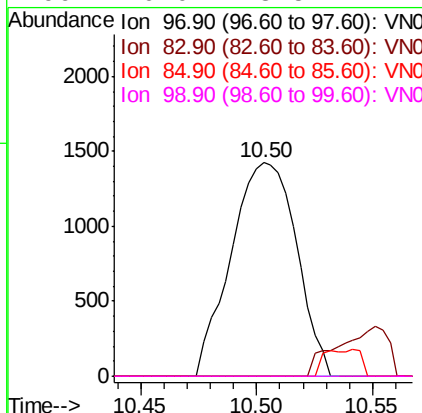
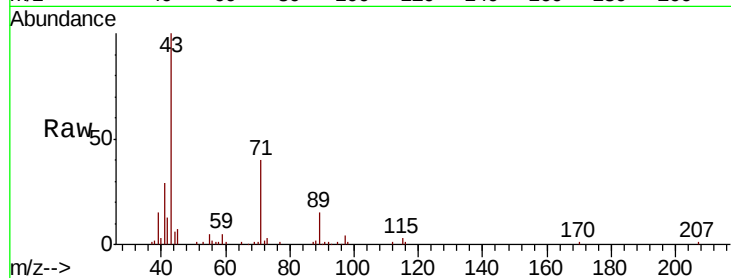




#55
 1,1,2-Trichloroethane
 Concen: 0.949 ug/l
 RT: 10.50 min Scan# 2715
 Delta R.T. -0.03 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

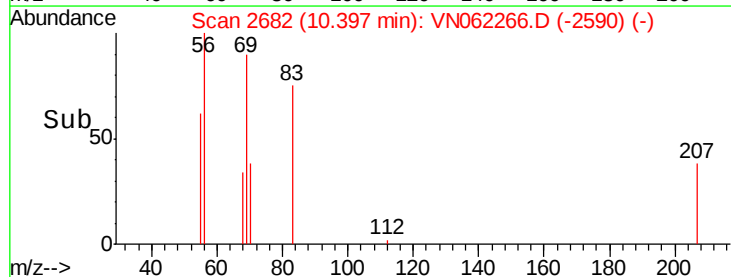
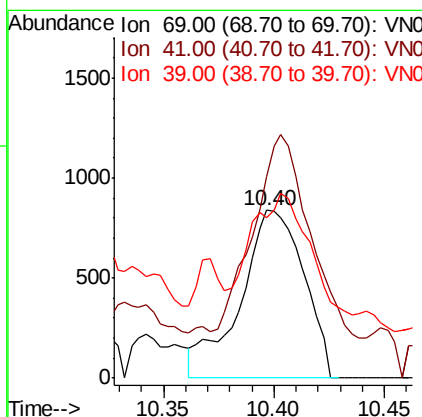
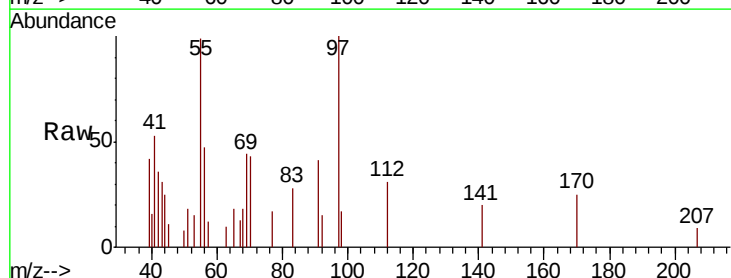
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

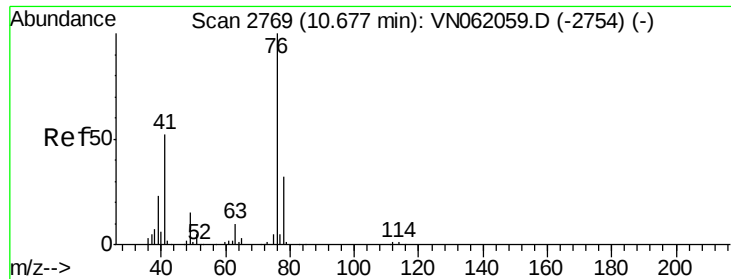
Tot Ion: 97 Resp: 2792
 Ion Ratio Lower Upper
 97 100
 83 0.0 68.2 102.2#
 85 0.0 43.2 64.8#
 99 0.0 48.5 72.7#



#56
 Ethyl methacrylate
 Concen: 0.427 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Tgt Ion: 69 Resp: 1678
 Ion Ratio Lower Upper
 69 100
 41 0.0 46.6 70.0#
 39 0.0 31.0 46.4#

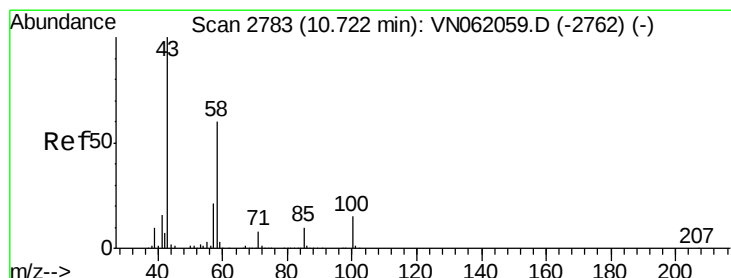
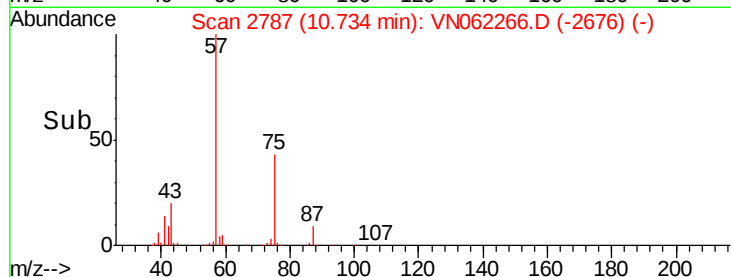
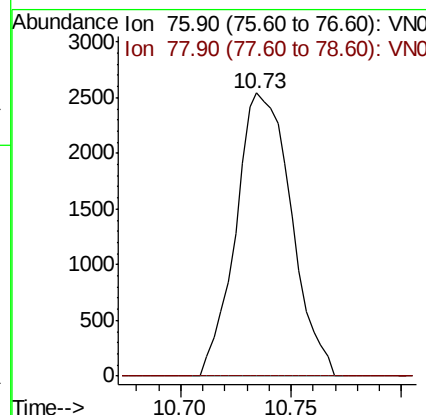
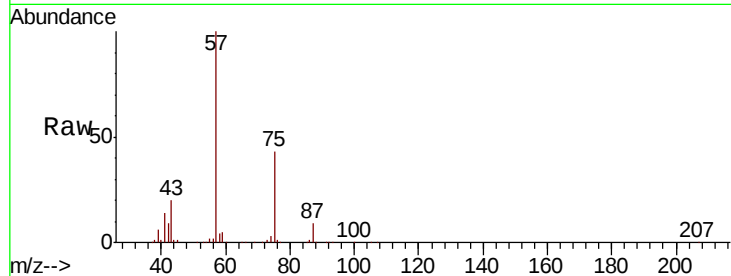




#57
 1,3-Dichloropropane
 Concen: 0.875 ug/l
 RT: 10.73 min Scan# 2787
 Delta R.T. 0.06 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

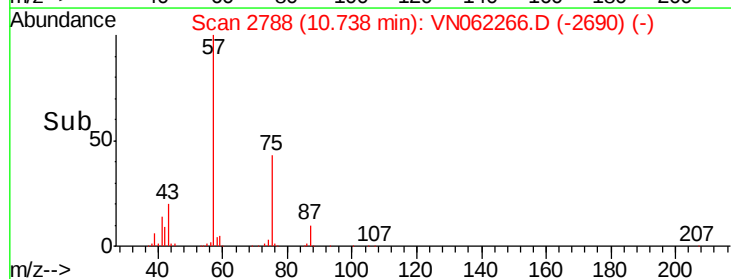
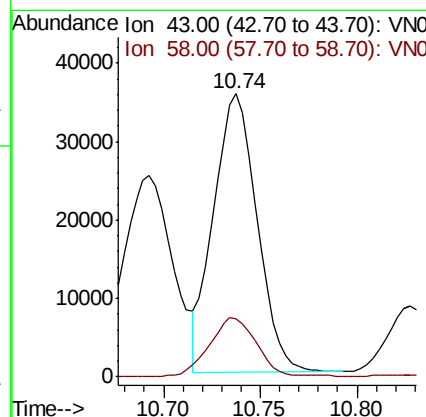
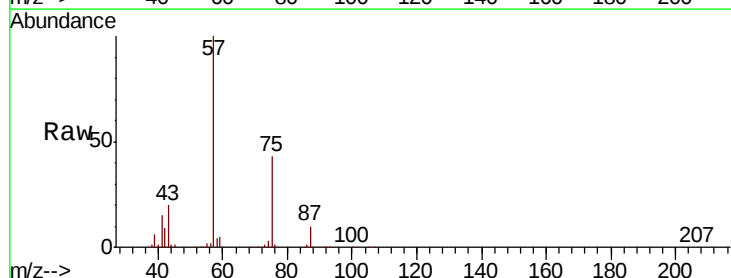
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

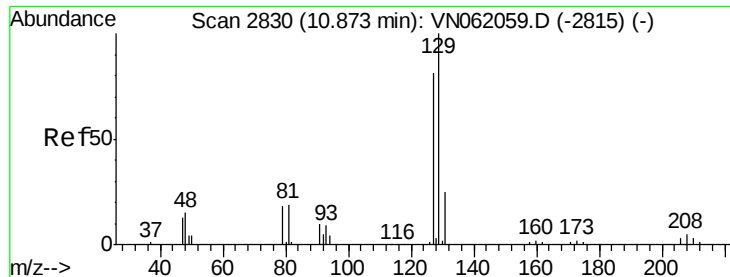
Tot Ion: 76 Resp: 4428
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 24.346 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.02 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Tgt Ion: 43 Resp: 55785
 Ion Ratio Lower Upper
 43 100
 58 23.4 29.5 88.5#

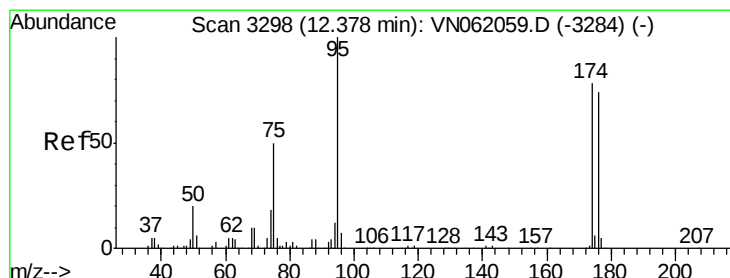
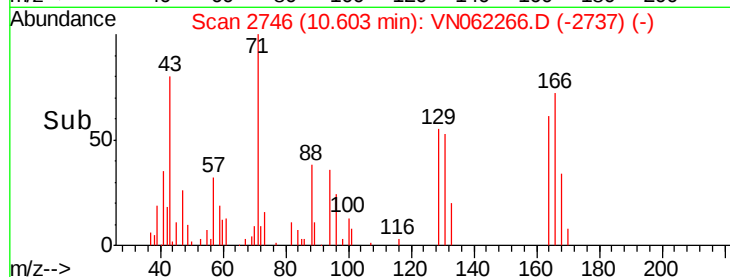
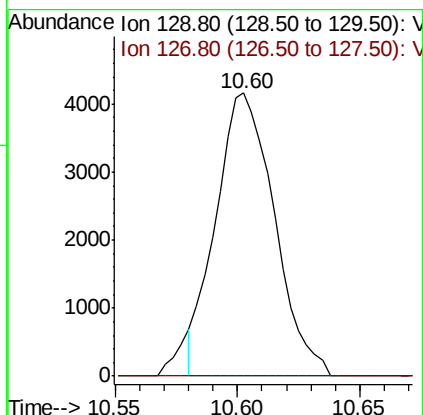
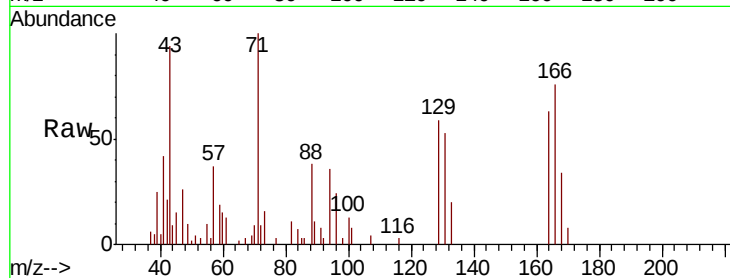




#60
 Dibromochloromethane
 Concen: 2.227 ug/l
 RT: 10.60 min Scan# 2746
 Delta R.T. -0.27 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

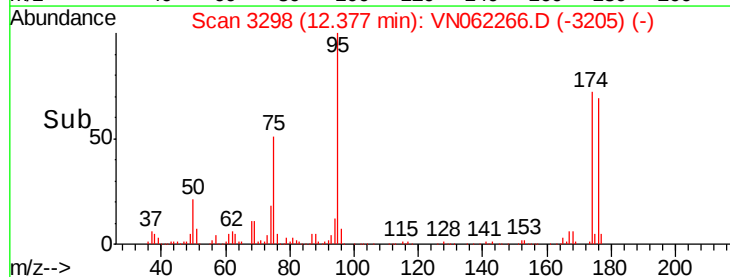
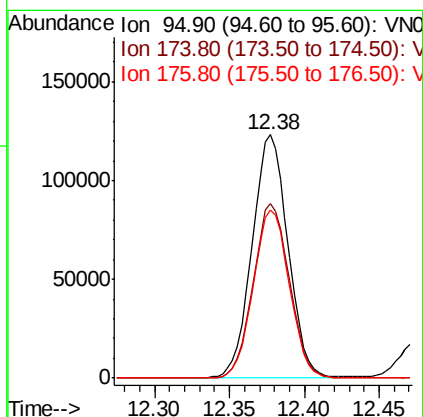
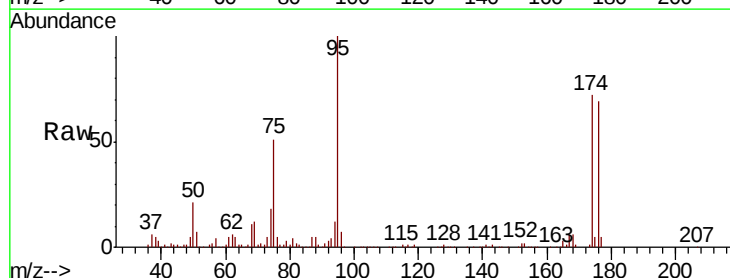
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

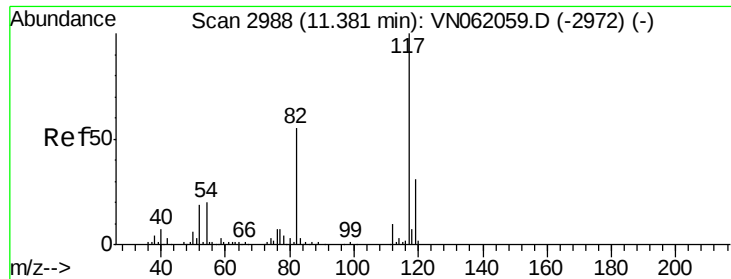
Tot Ion:129 Resp: 6935
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.5 118.5#



#62
 4-Bromofluorobenzene
 Concen: 59.234 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Tgt Ion: 95 Resp: 205432
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 154.8
 176 69.6 0.0 147.4

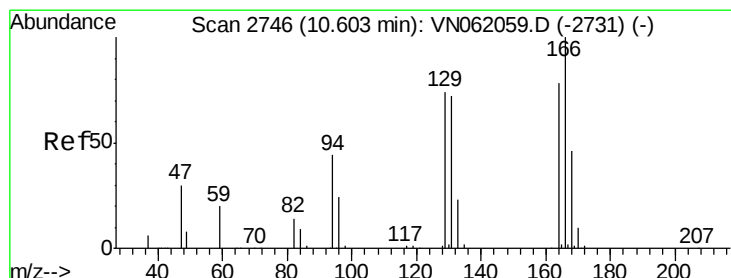
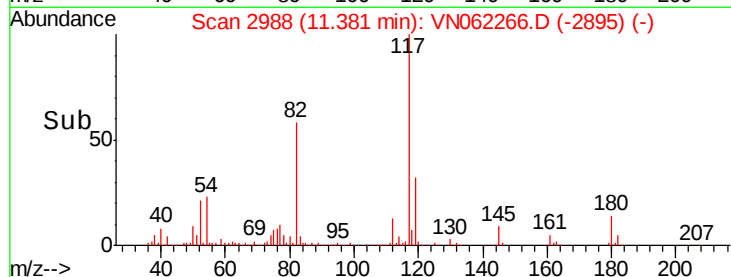
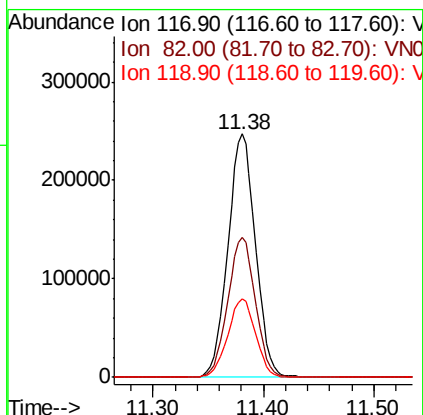
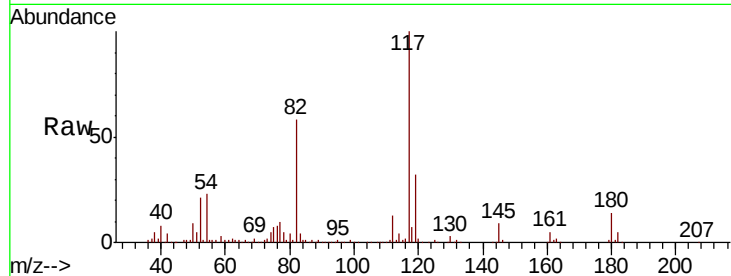




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

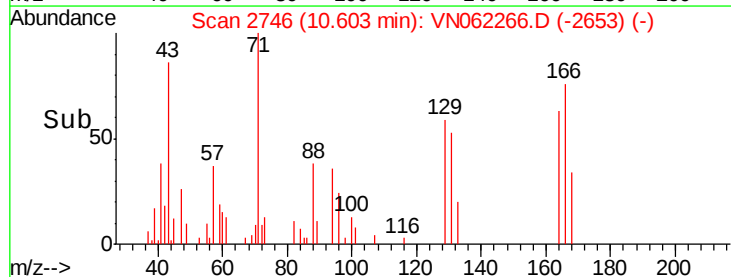
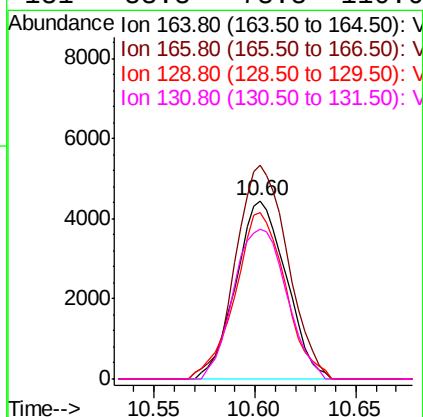
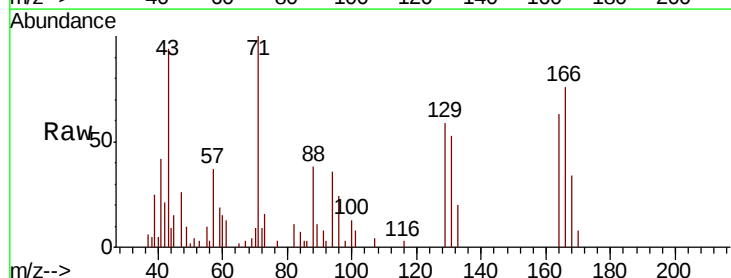
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

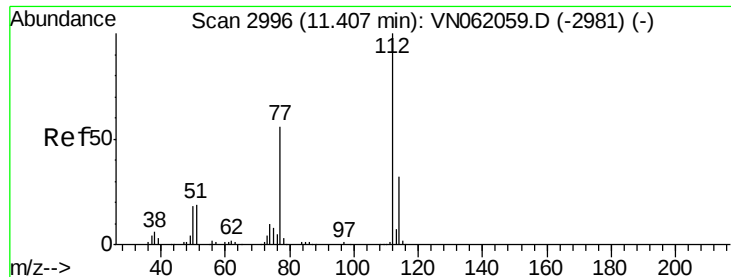
Tot Ion:117 Resp: 427382
Ion Ratio Lower Upper
117 100
82 57.6 43.8 65.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 2.656 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Tgt Ion:164 Resp: 7753
Ion Ratio Lower Upper
164 100
166 120.0 102.9 154.3
129 93.7 75.8 113.8
131 83.8 73.8 110.6





#65

Chlorobenzene

Concen: 72.991 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

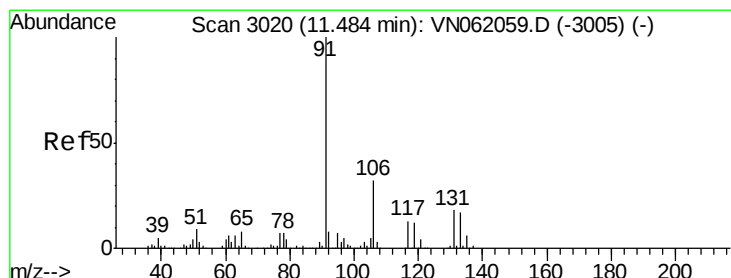
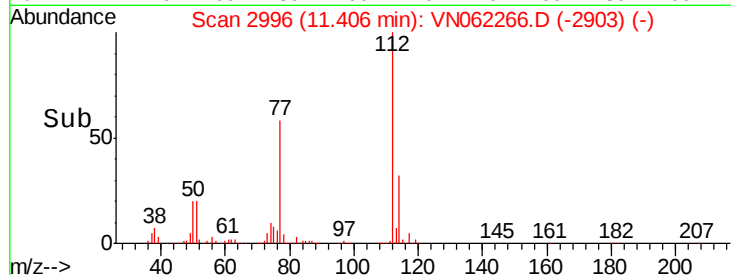
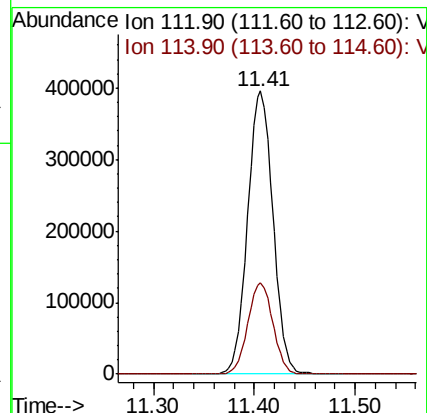
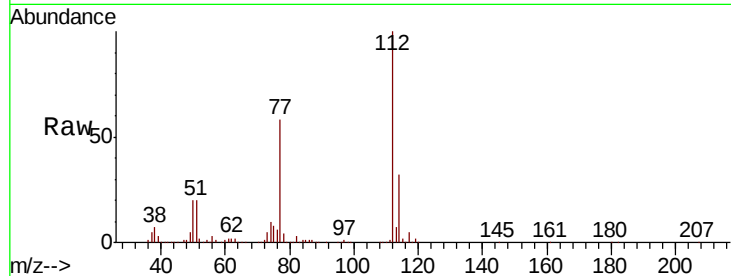
EPEC-POLYMERS-05

Tot Ion:112 Resp: 685050

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.8



#67

Ethyl Benzene

Concen: 25.425 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062266.D

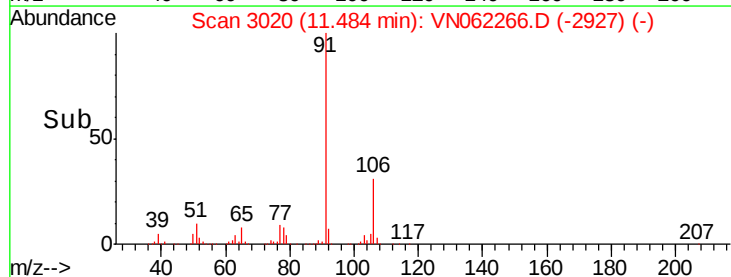
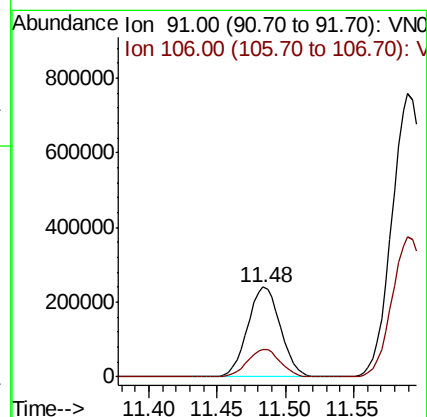
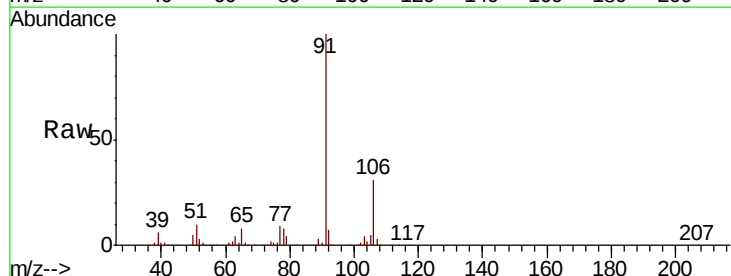
Acq: 1 Jul 2020 3:06

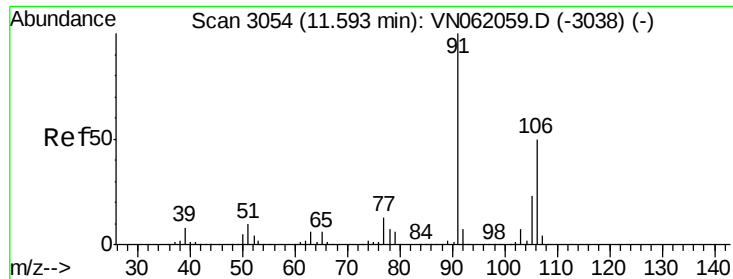
Tgt Ion: 91 Resp: 403007

Ion Ratio Lower Upper

91 100

106 30.5 25.3 37.9

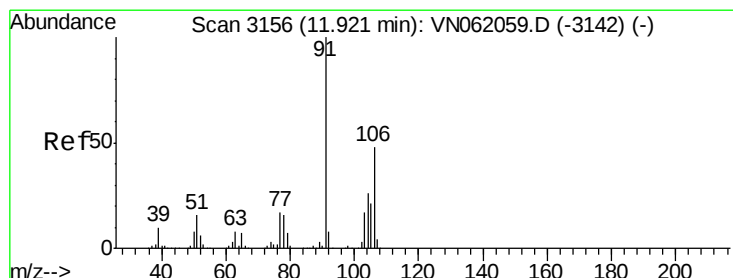
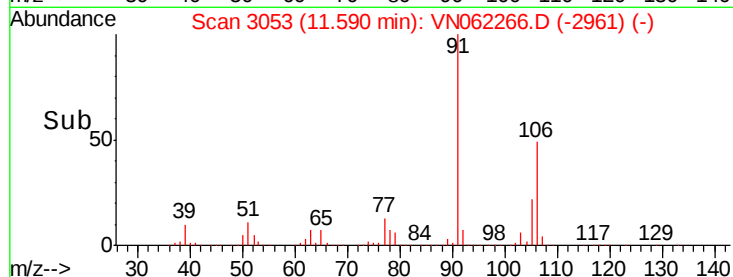
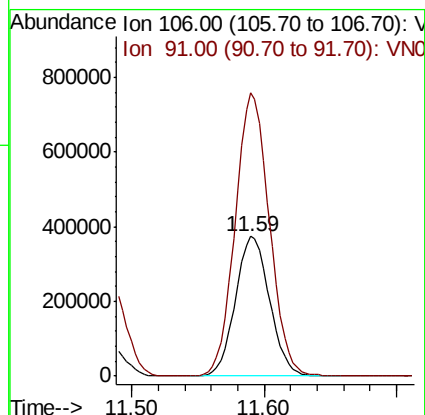
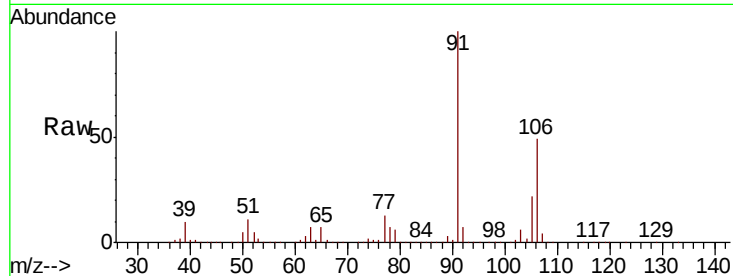




#68
m/p-Xylenes
Concen: 108.749 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

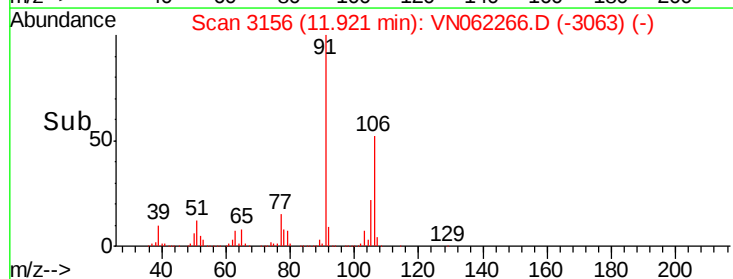
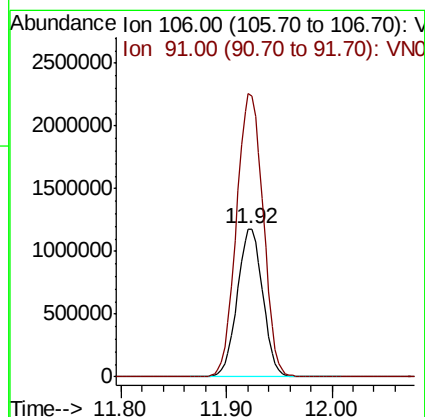
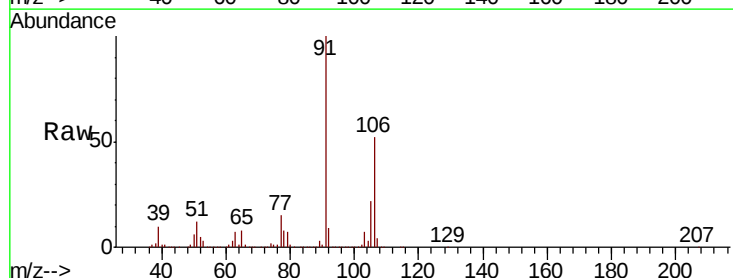
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

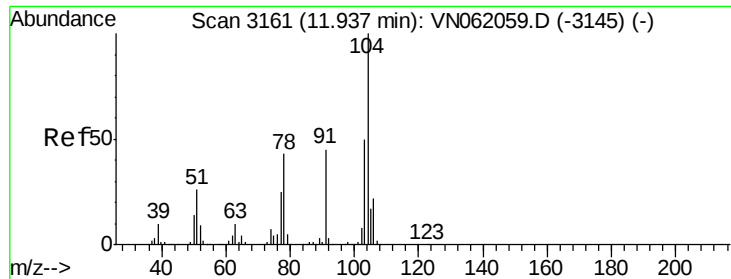
Tot Ion:106 Resp: 666718
Ion Ratio Lower Upper
106 100
91 202.6 157.8 236.8



#69
o-Xylene
Concen: 340.900 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Tgt Ion:106 Resp: 1971932
Ion Ratio Lower Upper
106 100
91 200.5 104.0 311.9

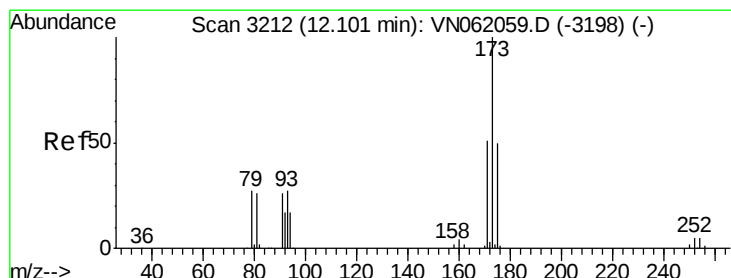
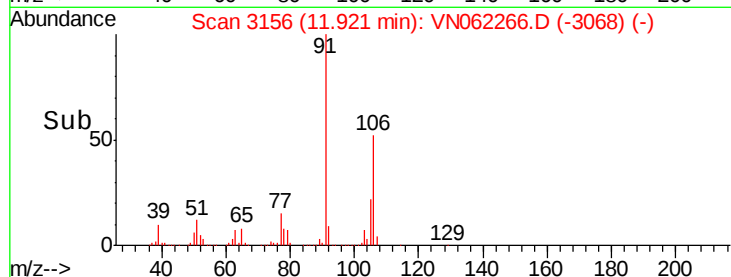
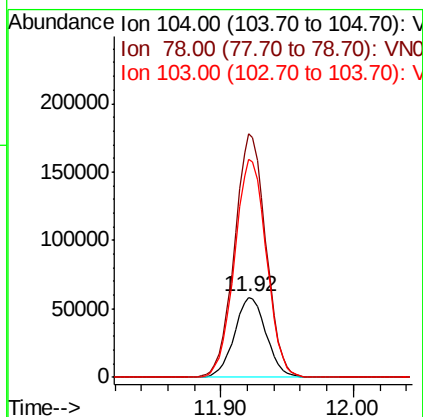
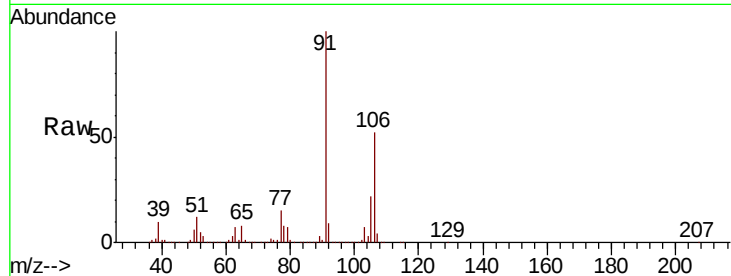




#70
Stvrene
Concen: 10.089 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

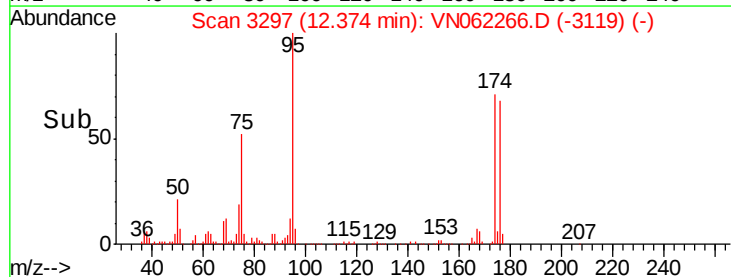
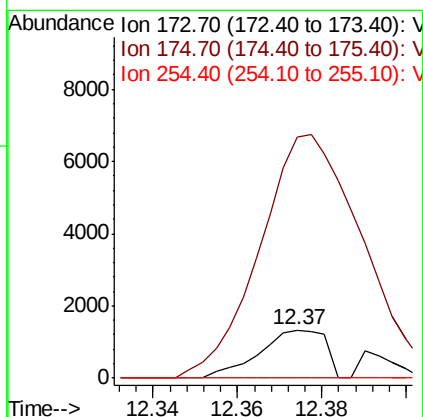
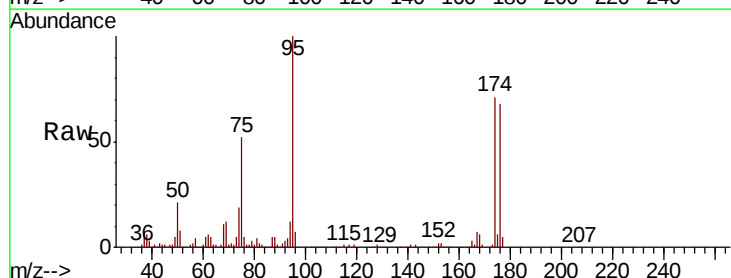
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

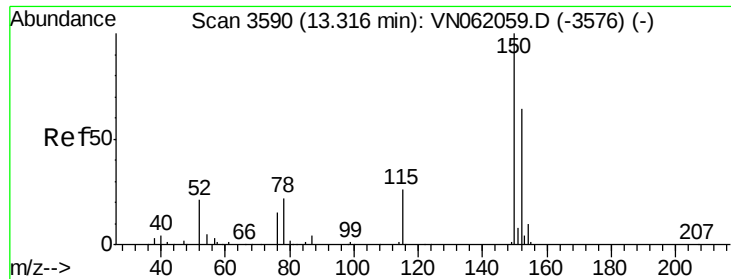
Tot Ion:104 Resp: 97327
Ion Ratio Lower Upper
104 100
78 300.2 37.7 56.5#
103 273.7 43.0 64.6#



#71
Bromoform
Concen: 0.628 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN062266.D
Acq: 1 Jul 2020 3:06

Tgt Ion:173 Resp: 1450
Ion Ratio Lower Upper
173 100
175 646.1 24.7 74.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

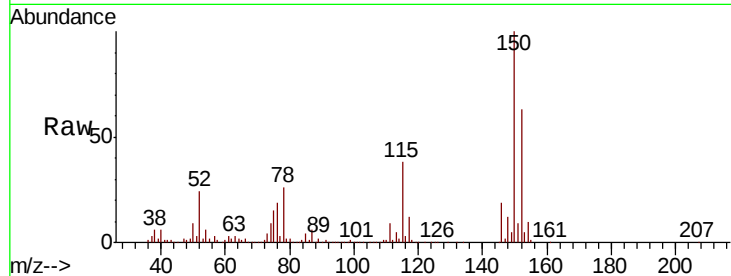
Tot Ion:152 Resp: 229453

Ion Ratio Lower Upper

152 100

115 60.3 29.5 88.5

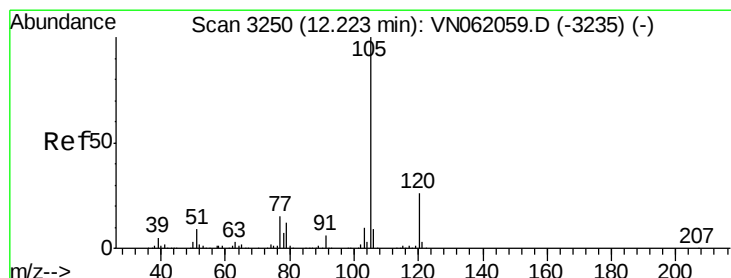
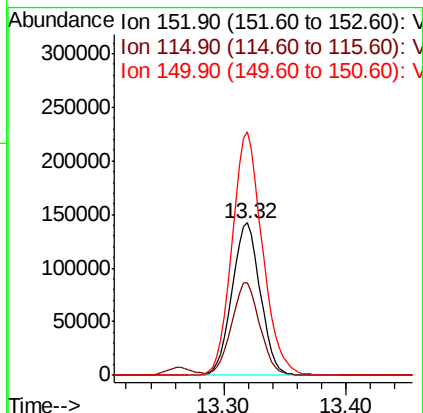
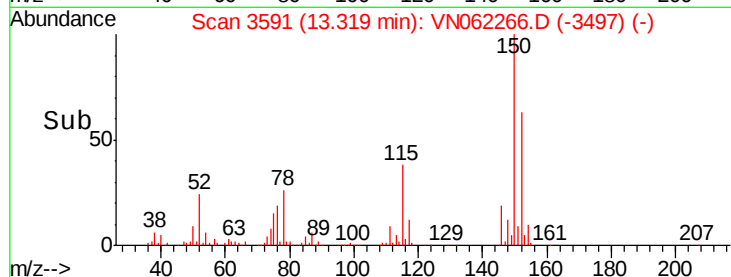
150 171.0 0.0 351.4



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: 1.087 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062266.D

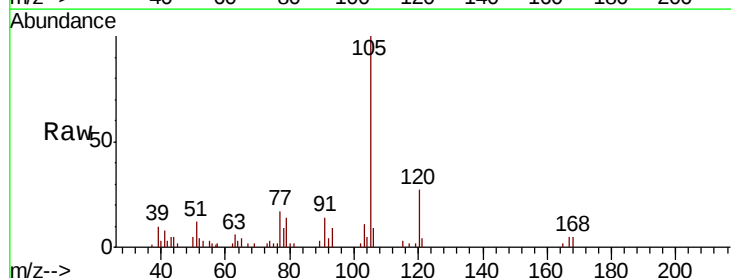
Acq: 1 Jul 2020 3:06

Tgt Ion:105 Resp: 19309

Ion Ratio Lower Upper

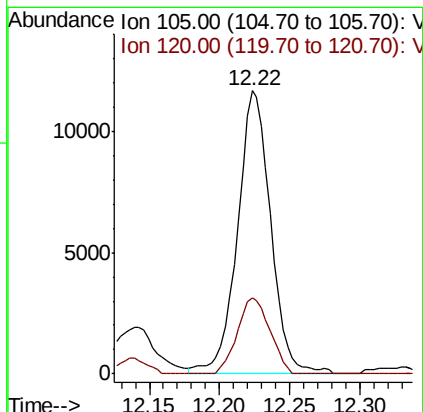
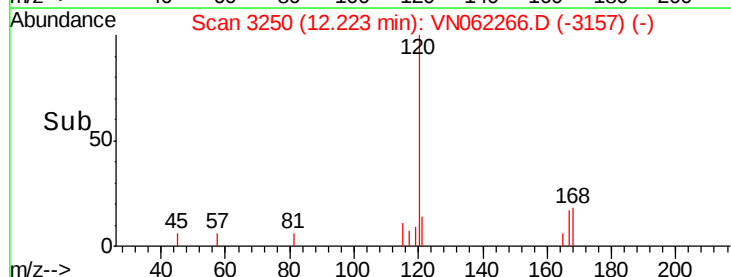
105 100

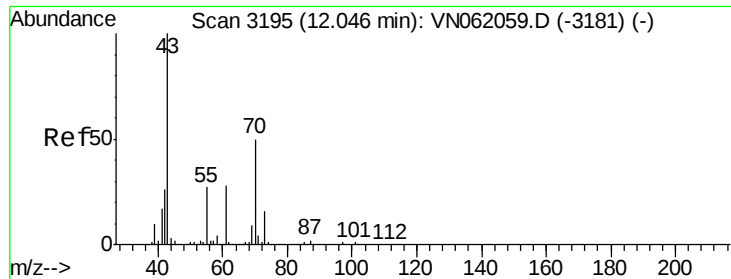
120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.417 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

Tot Ion: 43 Resp: 7524

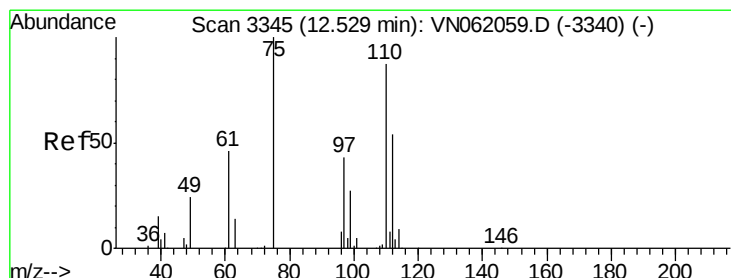
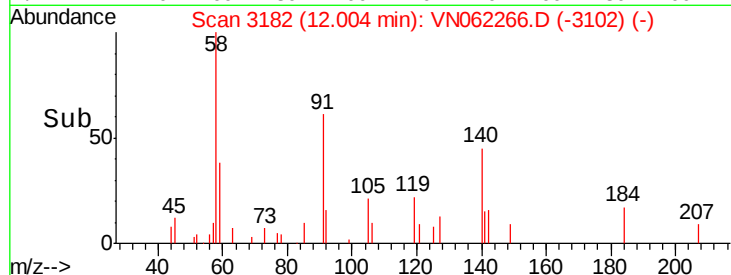
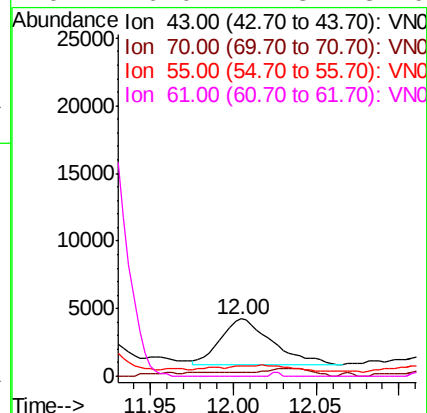
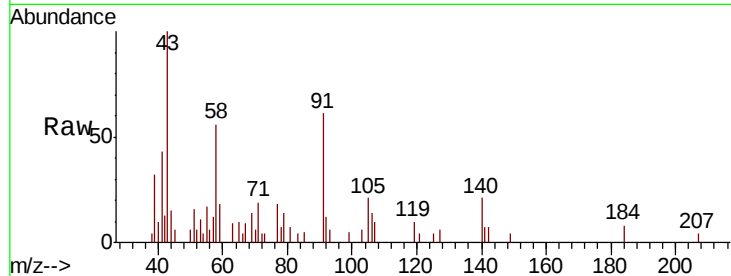
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 14.1 21.7 32.5#

61 0.0 21.3 31.9#



#76

1,2,3-Trichloropropane

Concen: 481.171 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. 0.13 min

Lab File: VN062266.D

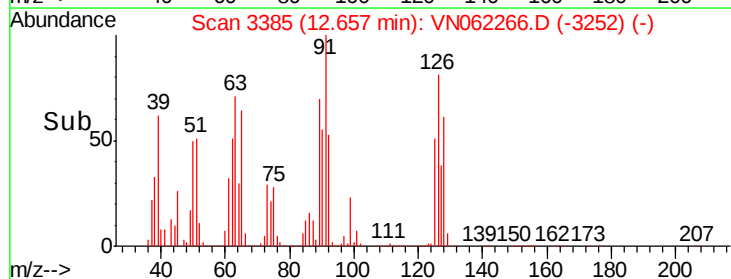
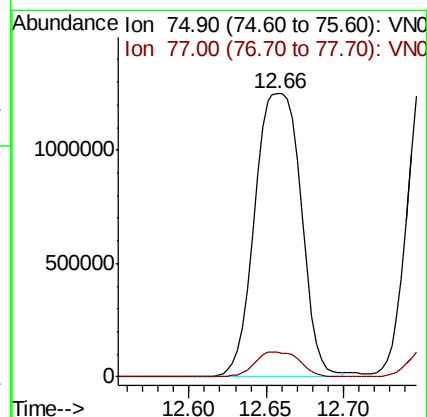
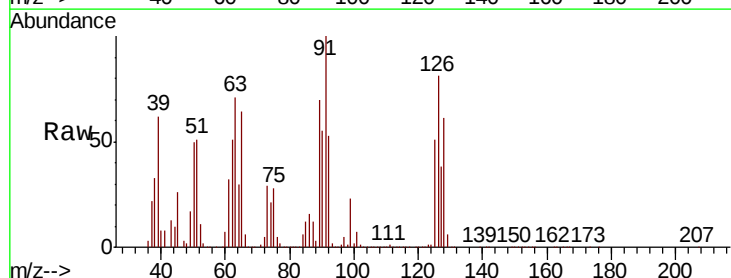
Acq: 1 Jul 2020 3:06

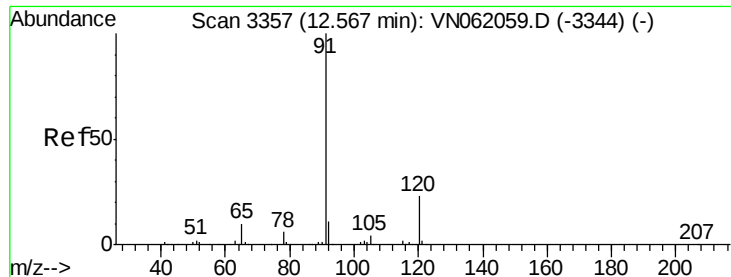
Tgt Ion: 75 Resp: 2599050

Ion Ratio Lower Upper

75 100

77 8.6 0.0 0.0#





#78

n-propylbenzene

Concen: 747.330 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. 0.10 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

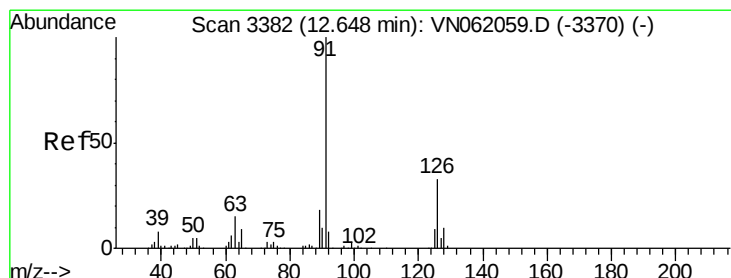
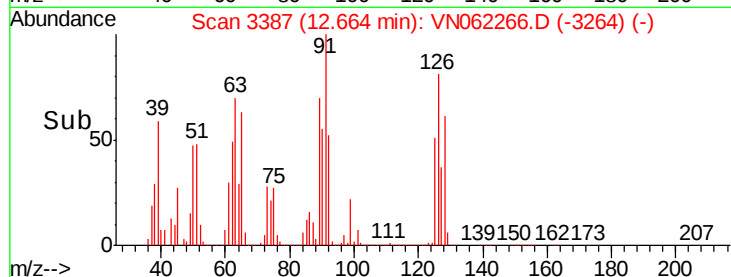
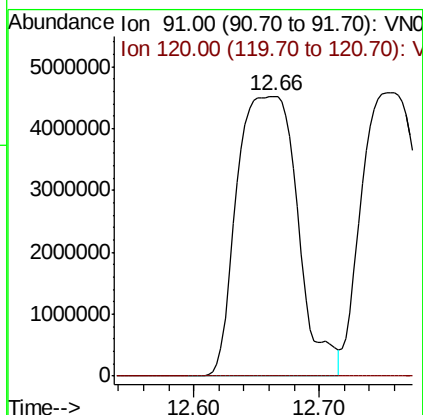
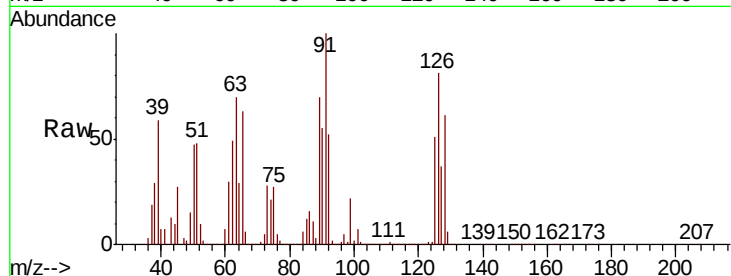
EPEC-POLYMERS-05

Tot Ion: 91 Resp:15183176

Ion Ratio Lower Upper

91 100

120 0.1 11.4 34.1#



#79

2-Chlorotoluene

Concen: 1236.185 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. 0.02 min

Lab File: VN062266.D

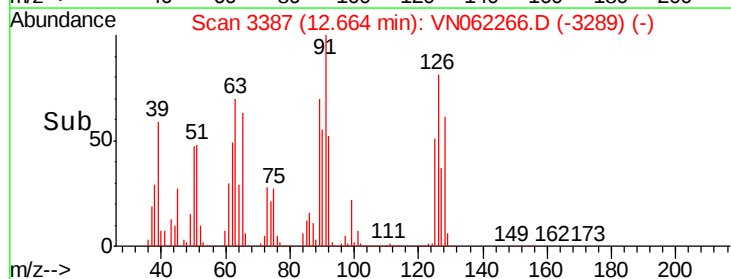
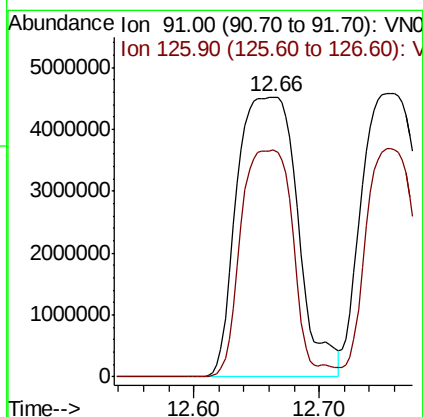
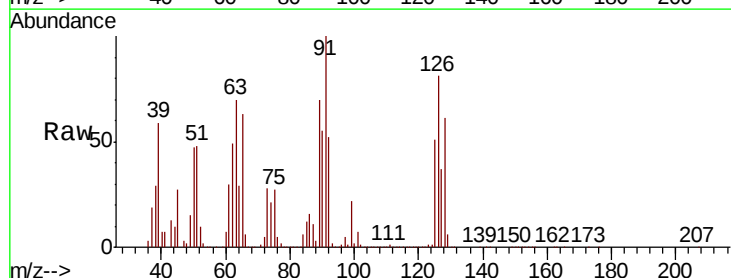
Acq: 1 Jul 2020 3:06

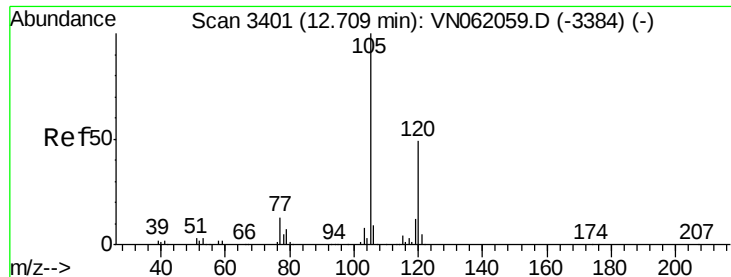
Tgt Ion: 91 Resp:15183176

Ion Ratio Lower Upper

91 100

126 68.2 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 0.210 ug/l

RT: 12.71 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

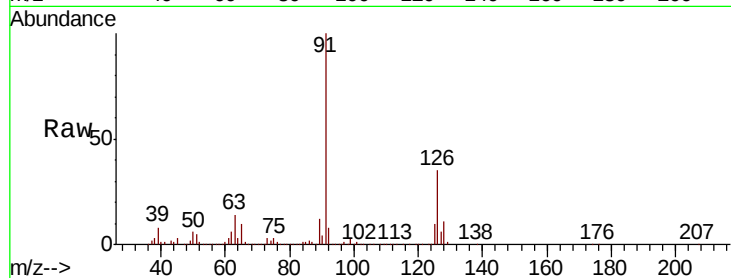
EPEC-POLYMERS-05

Tot Ion:105 Resp: 3021

Ion Ratio Lower Upper

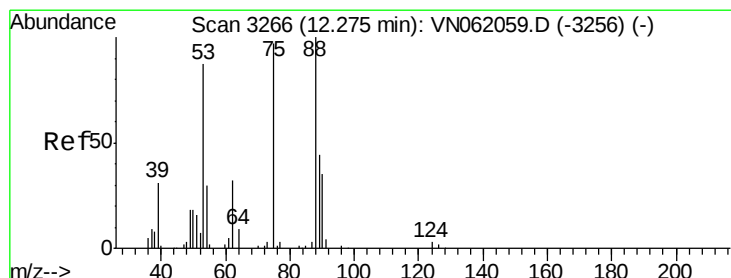
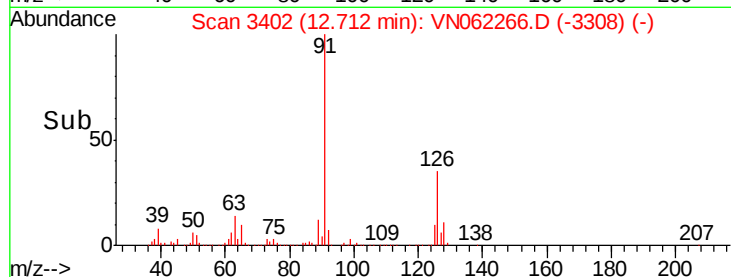
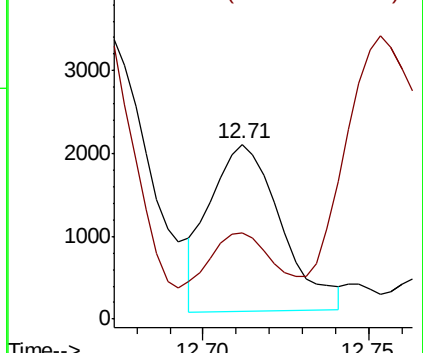
105 100

120 56.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 58.305 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

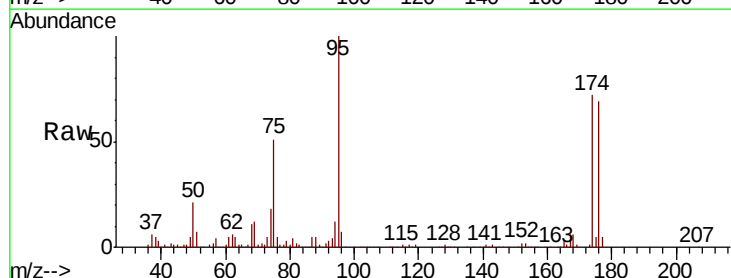
Tgt Ion: 75 Resp: 107840

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

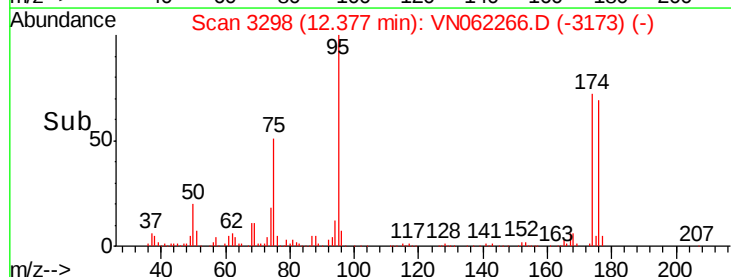
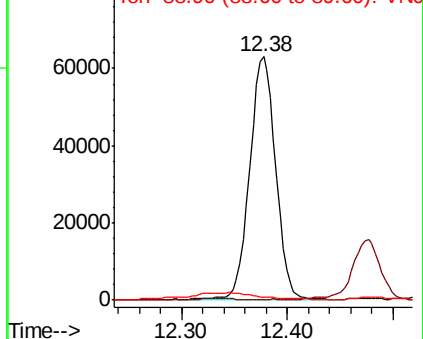
89 0.0 36.9 55.3#

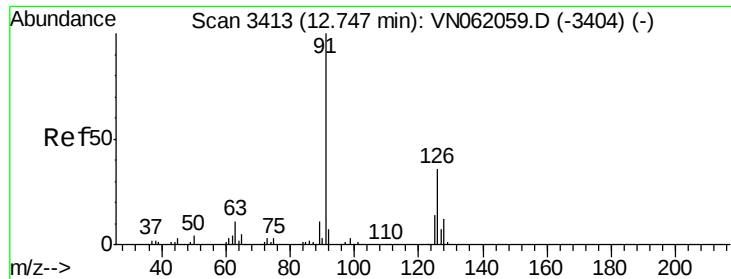


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 1086.083 ug/l

RT: 12.76 min Scan# 3416

Delta R.T. 0.01 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampled :

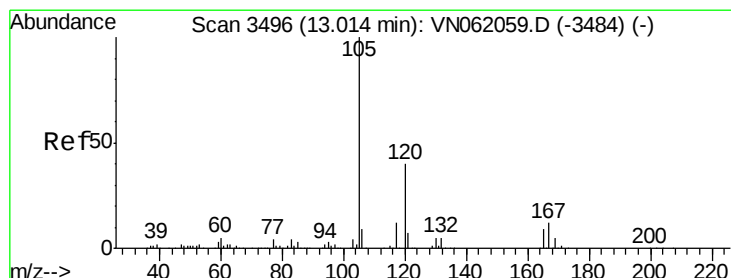
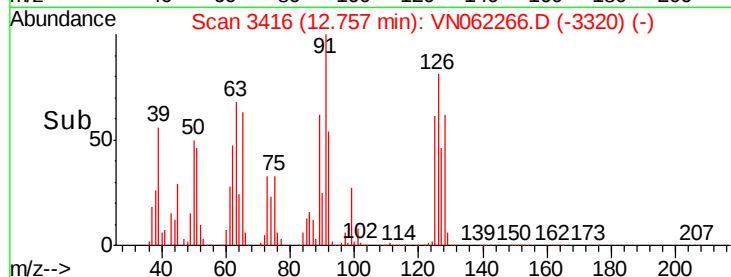
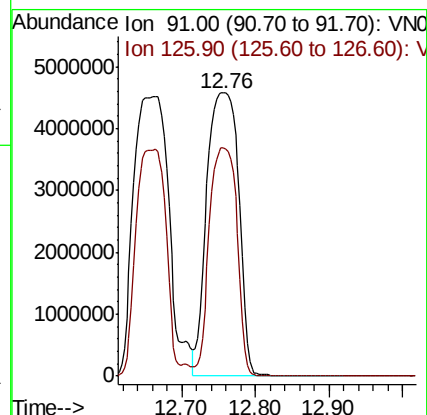
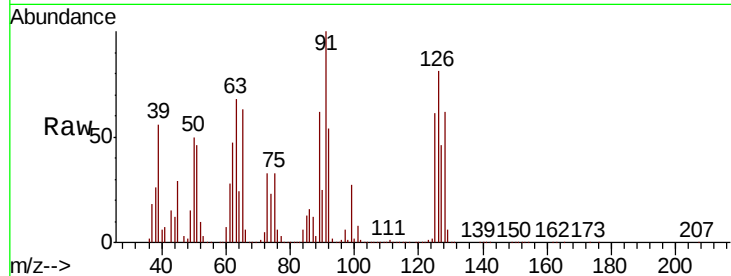
EPEC-POLYMERS-05

Tot Ion: 91 Resp:13794494

Ion Ratio Lower Upper

91 100

126 69.7 16.7 50.1#



#84

1,2,4-Trimethylbenzene

Concen: 1.235 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN062266.D

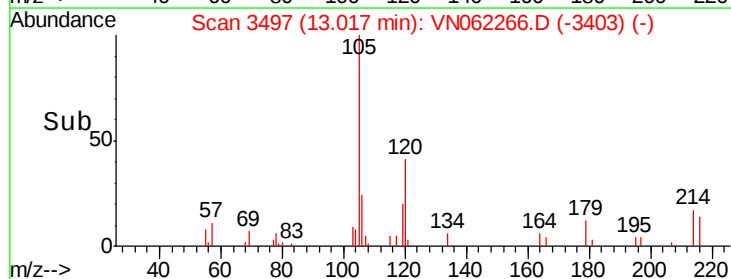
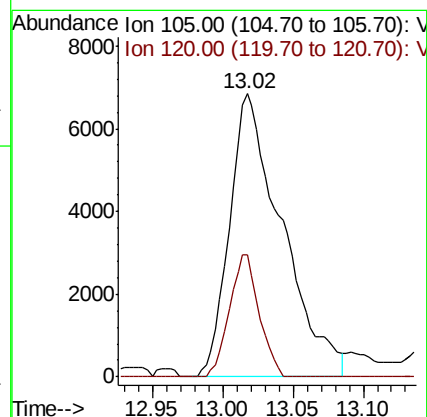
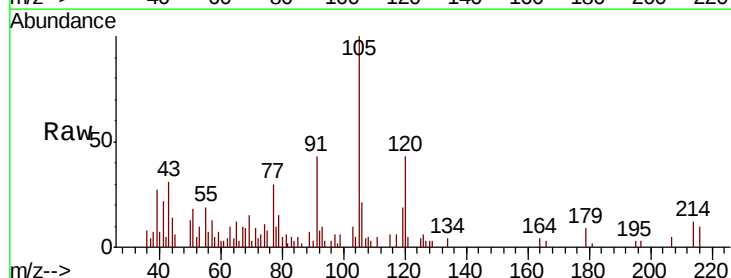
Acq: 1 Jul 2020 3:06

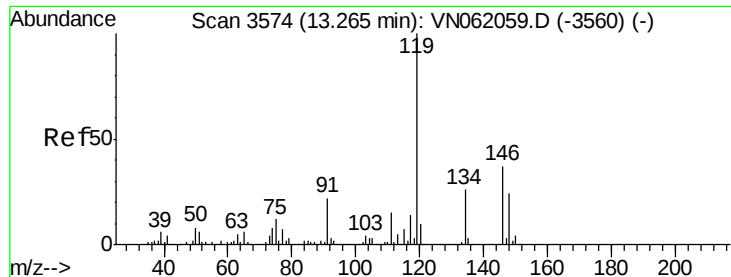
Tgt Ion:105 Resp: 17763

Ion Ratio Lower Upper

105 100

120 24.4 23.2 69.5

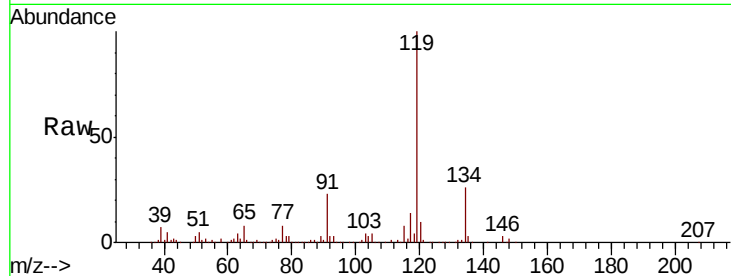




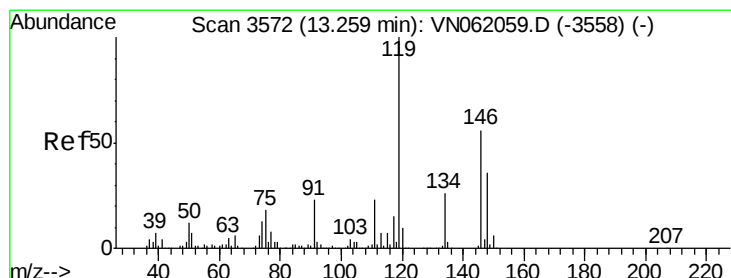
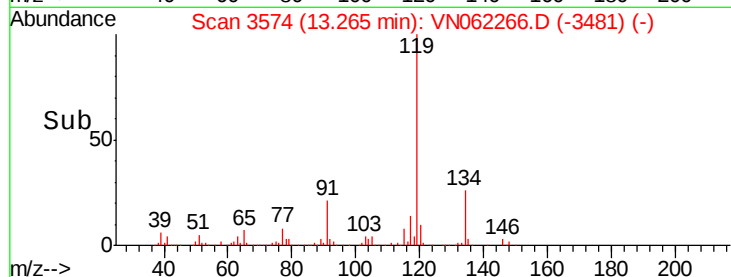
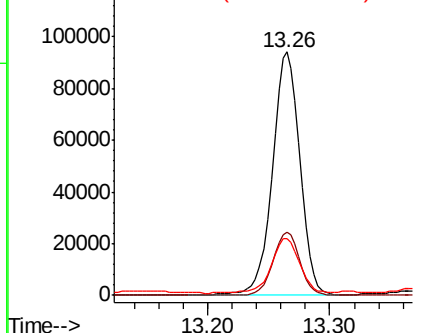
#86
 p-Isopropyltoluene
 Concen: 10.480 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

Tot Ion:119 Resp: 149504
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 22.3 11.3 33.8

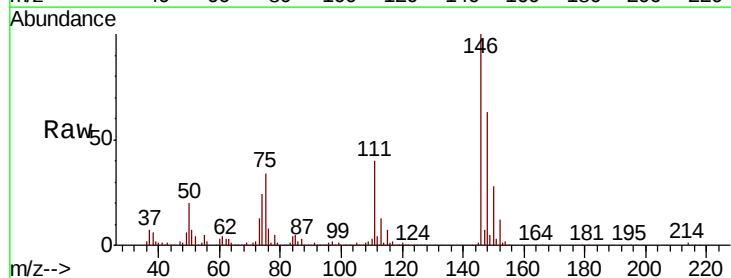


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

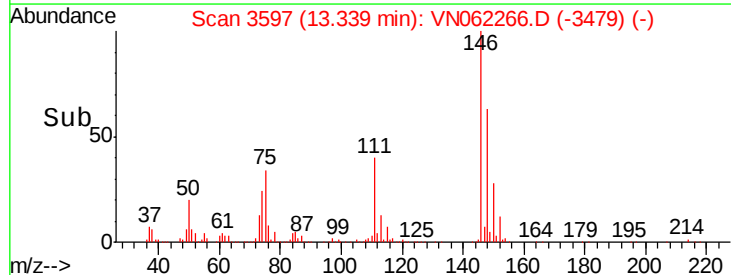
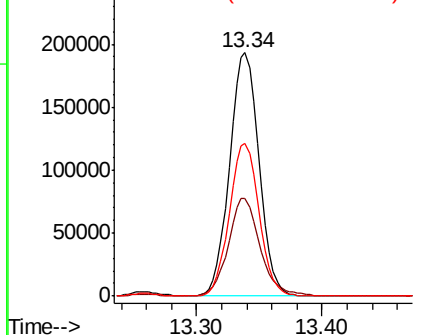


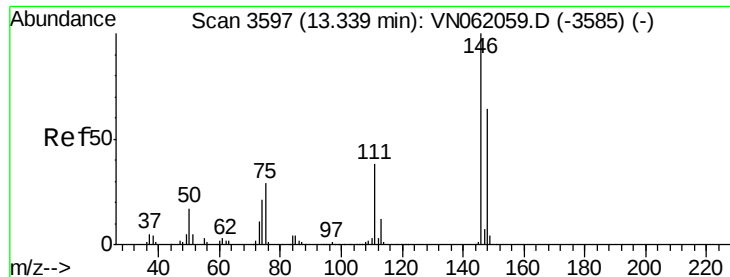
#87
 1,3-Dichlorobenzene
 Concen: 40.671 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.08 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Tgt Ion:146 Resp: 314926
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.3 61.0
 148 63.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

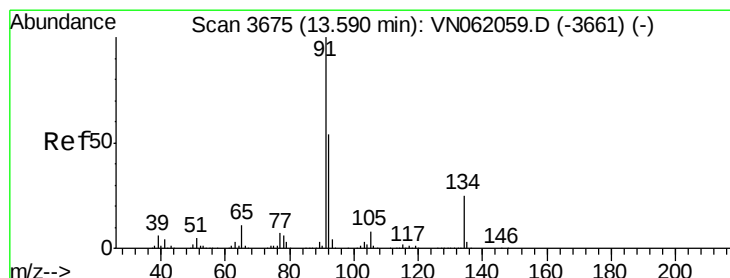
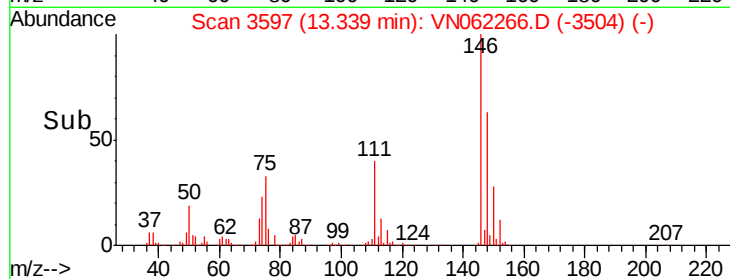
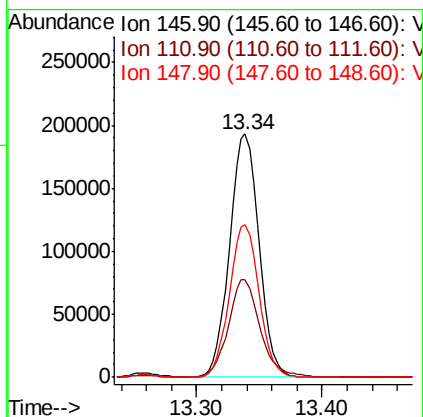
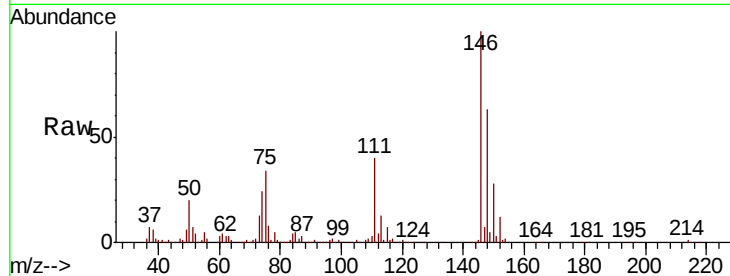




#88
 1,4-Dichlorobenzene
 Concen: 39.455 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

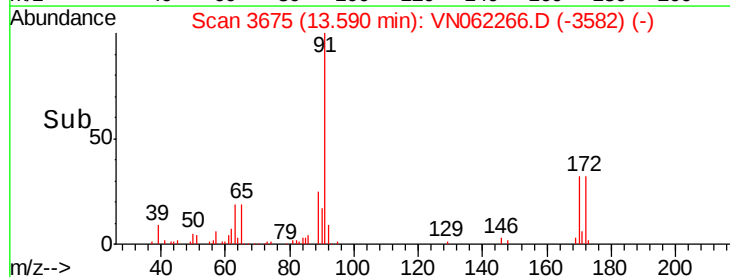
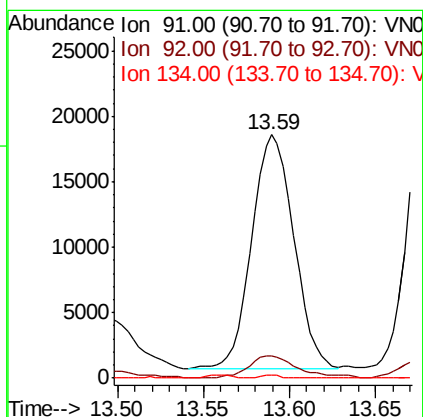
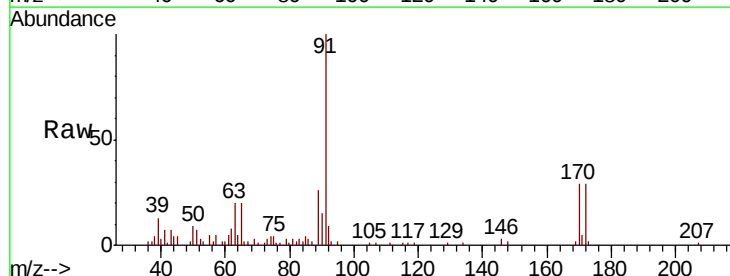
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

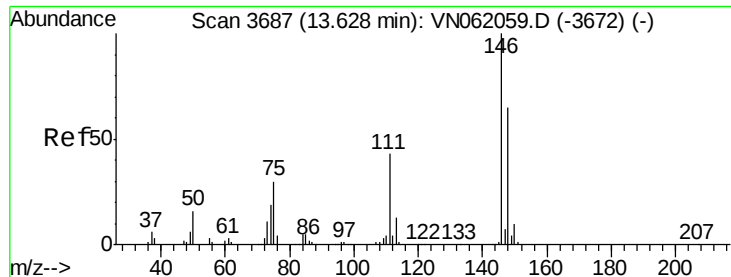
Tot Ion:146 Resp: 314926
 Ion Ratio Lower Upper
 146 100
 111 43.4 19.9 59.6
 148 63.3 31.9 95.9



#89
 n-Butylbenzene
 Concen: 2.546 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Tgt Ion: 91 Resp: 30199
 Ion Ratio Lower Upper
 91 100
 92 10.7 26.6 79.7#
 134 0.5 12.3 36.9#





#91

1,2-Dichlorobenzene

Concen: 41.932 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

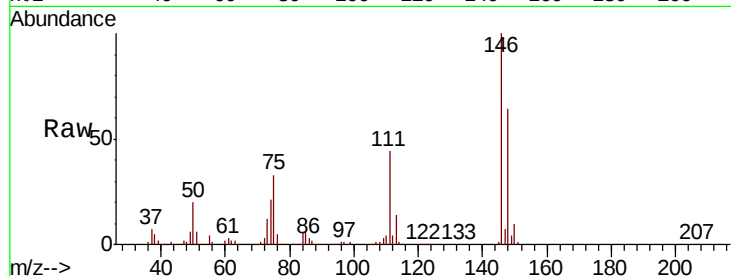
Tot Ion:146 Resp: 314852

Ion Ratio Lower Upper

146 100

111 43.5 21.2 63.6

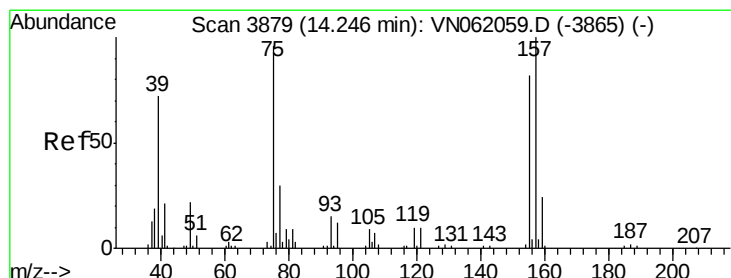
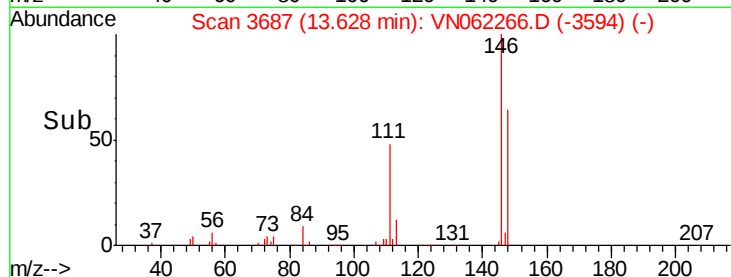
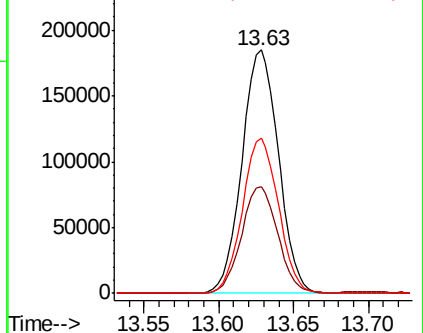
148 63.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1598.999 ug/l

RT: 14.35 min Scan# 3912

Delta R.T. 0.11 min

Lab File: VN062266.D

Acq: 1 Jul 2020 3:06

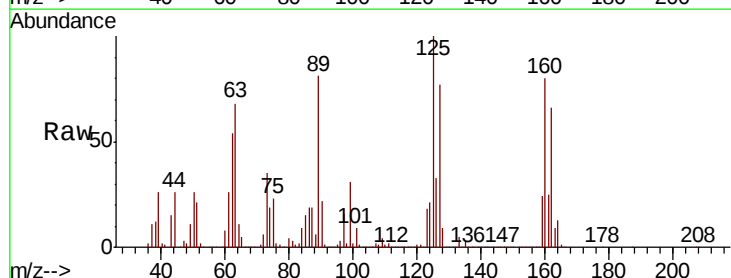
Tgt Ion: 75 Resp: 1514006

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.4#

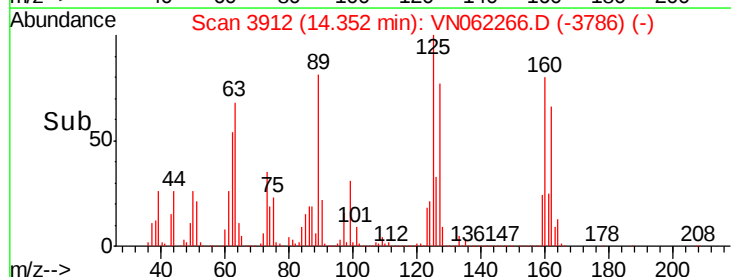
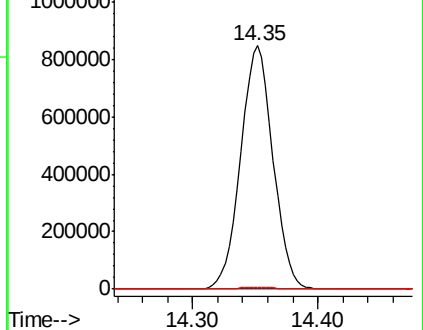
157 1.0 51.4 154.3#

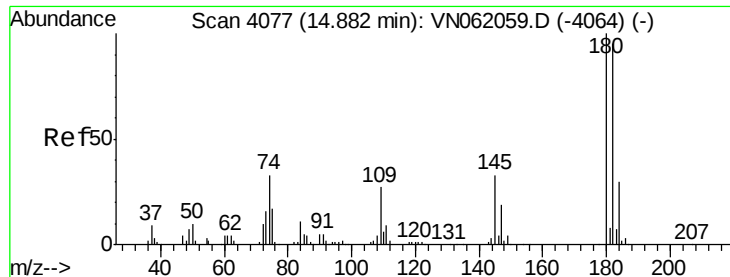


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

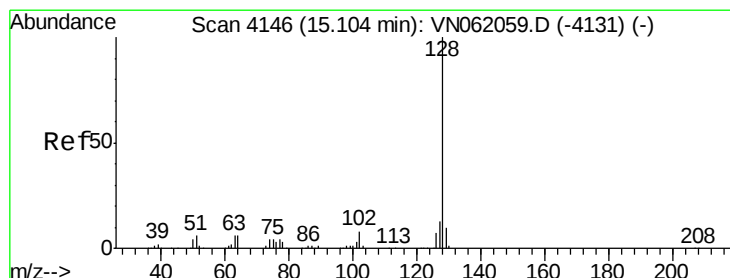
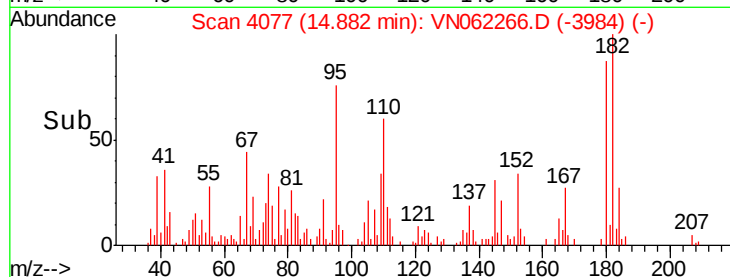
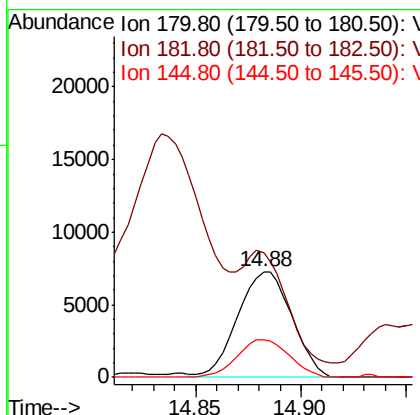
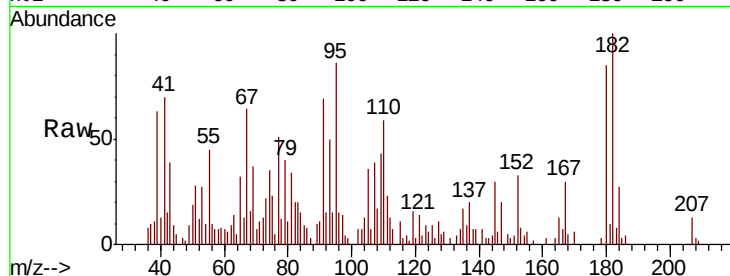




#93
 1,2,4-Trichlorobenzene
 Concen: 3.983 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

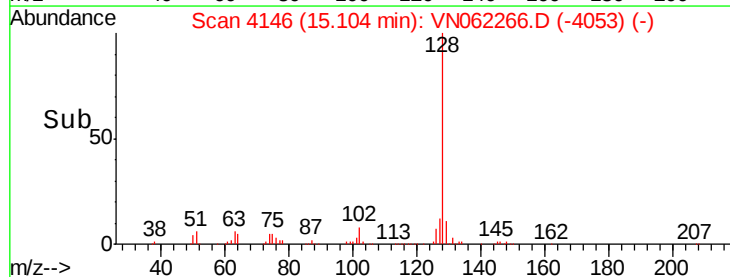
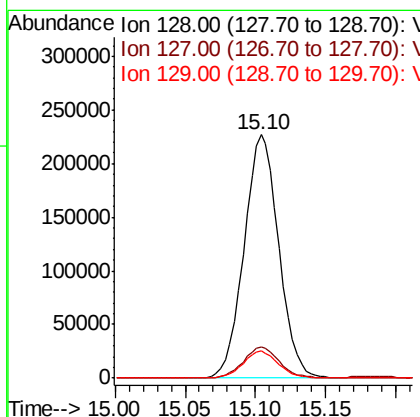
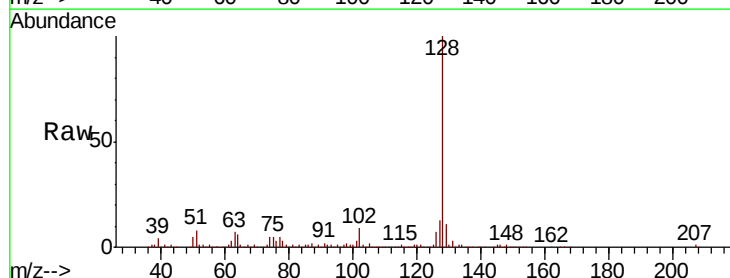
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

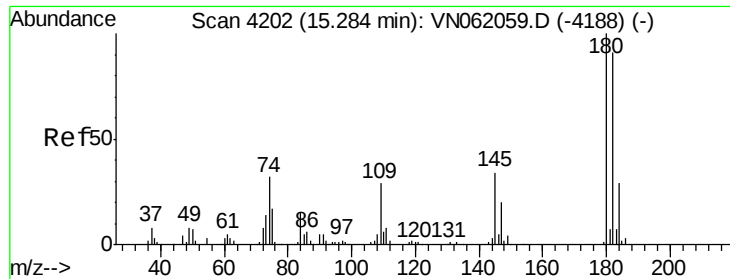
Tot Ion:180 Resp: 13066
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.2#
 145 34.1 16.0 48.0



#95
 Naphthalene
 Concen: 36.629 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Tgt Ion:128 Resp: 387915
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.5 15.7
 129 11.2 8.6 13.0

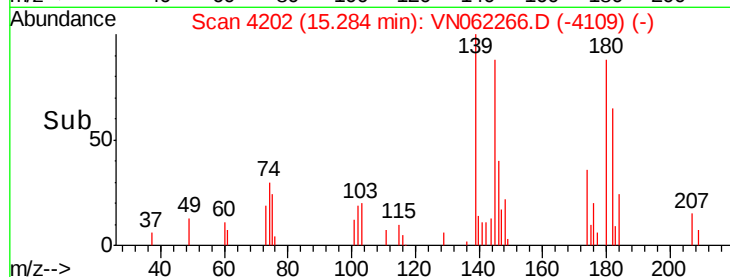
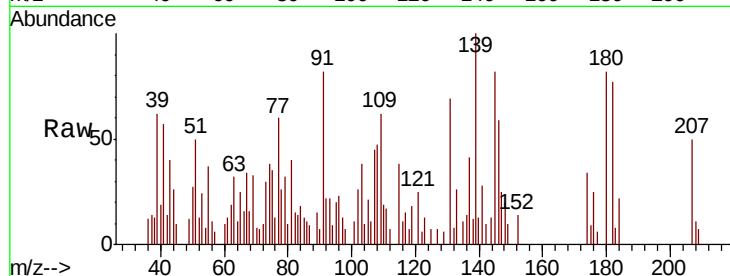




#96
 1,2,3-Trichlorobenzene
 Concen: 1.185 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN062266.D
 Acq: 1 Jul 2020 3:06

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

Tot Ion:180 Resp: 3976
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.8 140.4
 145 0.0 16.4 49.2#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

