

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062263.D
 Acq On : 1 Jul 2020 1:54
 Operator : JC/MD
 Sample : L3148-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-02

Quant Time: Jul 01 03:43:08 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	194068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142915	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	155315	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	114.06%		
35) Dibromofluoromethane	7.55	113	125758	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.52%		
50) Toluene-d8	10.06	98	524707	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.92%		
62) 4-Bromofluorobenzene	12.38	95	170659	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	364	Below Cal	#	41
8) Diethyl Ether	3.38	74	479	0.322	ug/l #	31
11) Tert butyl alcohol	4.74	59	497	1.271	ug/l #	72
16) Acetone	3.78	43	19326	18.862	ug/l	91
17) Carbon Disulfide	4.01	76	2502	0.442	ug/l #	51
18) Methyl Acetate	4.28	43	3276	1.513	ug/l #	80
20) Methylene Chloride	4.51	84	22877	8.973	ug/l	94
25) 2-Butanone	6.79	43	8280	6.220	ug/l	98
29) Tetrahydrofuran	7.18	42	611	0.701	ug/l #	28
31) Cyclohexane	7.62	56	5321	1.414	ug/l #	24
36) 1,1-Dichloropropene	7.62	75	17323	4.419	ug/l #	49
37) Ethyl Acetate	6.79	43	8280	2.551	ug/l #	66
38) Carbon Tetrachloride	7.63	117	20126	5.445	ug/l #	16
43) Isopropyl Acetate	8.13	43	49536	9.360	ug/l	98
45) 1,2-Dichloropropane	9.24	63	1286	0.436	ug/l #	43
48) Methyl methacrylate	9.15	41	3036	1.279	ug/l #	6
51) 4-Methyl-2-Pentanone	9.95	43	5409	1.749	ug/l	94
52) Toluene	10.12	92	1591	0.218	ug/l	93
54) cis-1,3-Dichloropropene	9.88	75	21737	4.598	ug/l #	69
56) Ethyl methacrylate	10.52	69	991	0.259	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	4091	0.829	ug/l #	42
59) 2-Hexanone	10.74	43	55041	24.652	ug/l #	52
65) Chlorobenzene	11.41	112	2742	0.316	ug/l	91
69) o-Xylene	11.92	106	1691	0.316	ug/l	67
71) Bromoform	12.38	173	1618	0.757	ug/l #	1
74) N-amyl acetate	12.00	43	2644	3.949	ug/l #	40
76) 1,2,3-Trichloropropane	12.65	75	2872	0.854	ug/l #	100
78) n-propylbenzene	12.65	91	90895	7.183	ug/l #	53
79) 2-Chlorotoluene	12.65	91	90895	11.882	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	88382	76.719	ug/l #	13
82) 4-Chlorotoluene	12.65	91	90895	11.490	ug/l	98
95) Naphthalene	15.11	128	635	4.081	ug/l #	69

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

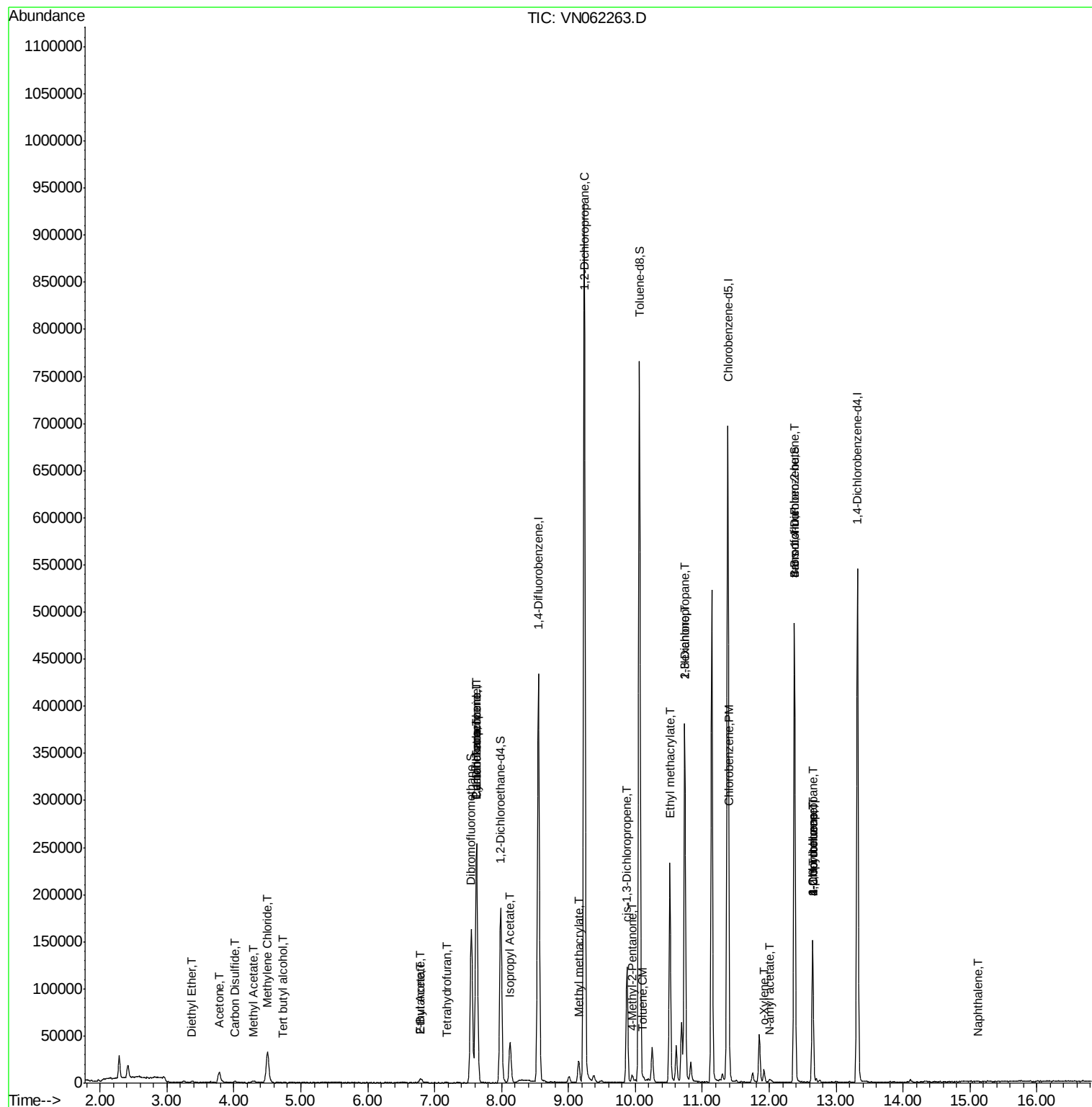
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

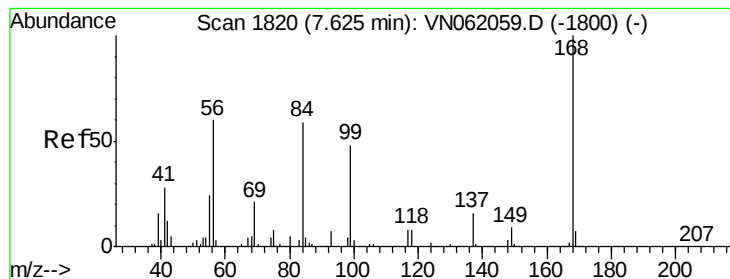
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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Acq On : 1 Jul 2020 1:54
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

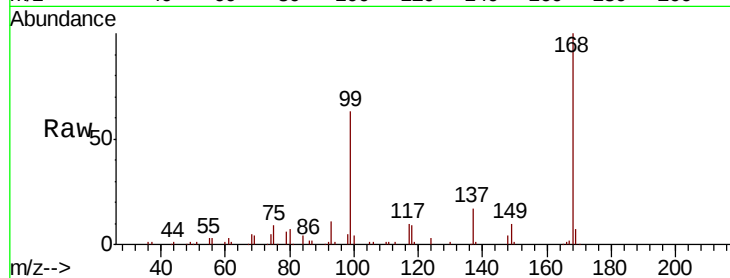
EPEC-POLYMERS-02

Tot Ion:168 Resp: 194068

Ion Ratio Lower Upper

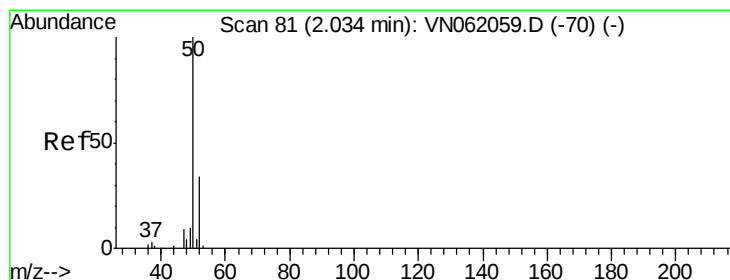
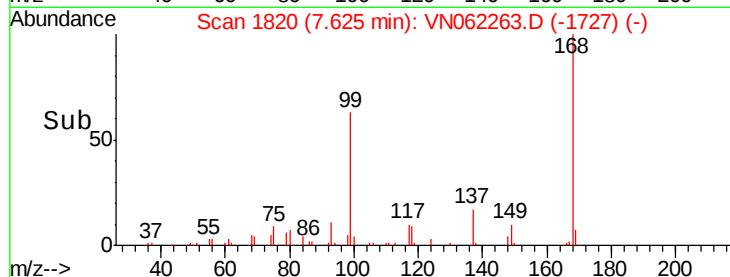
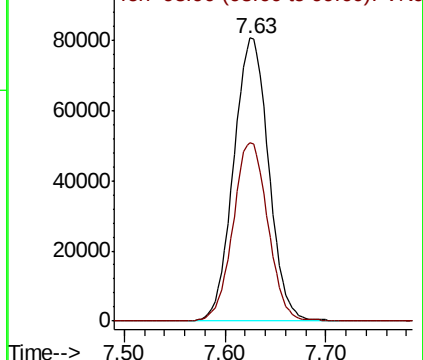
168 100

99 62.8 45.8 68.8



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

Ion 98.90 (98.60 to 99.60): VN062059.D



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062263.D

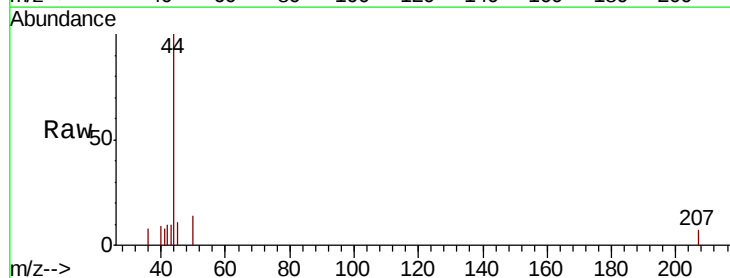
Acq: 1 Jul 2020 1:54

Tgt Ion: 50 Resp: 364

Ion Ratio Lower Upper

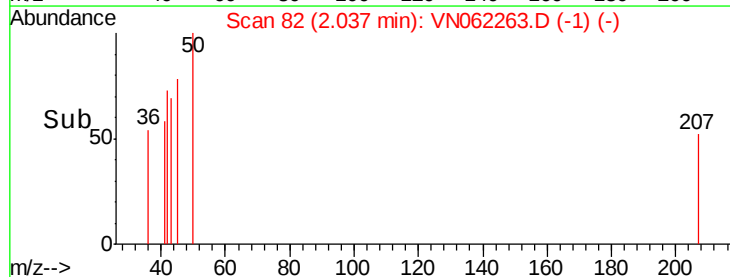
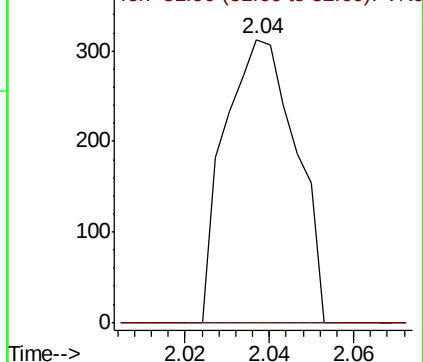
50 100

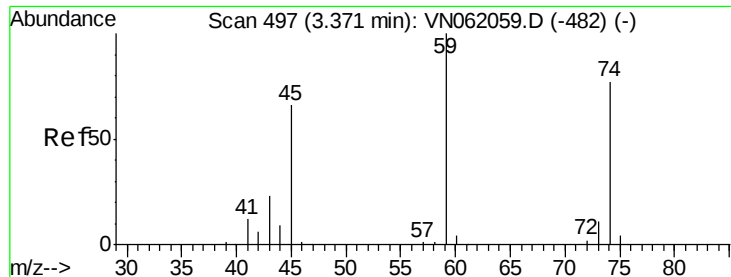
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN062059.D

Ion 51.90 (51.60 to 52.60): VN062059.D





#8

Diethyl Ether

Concen: 0.322 ug/l

RT: 3.38 min Scan# 499

Delta R.T. 0.01 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

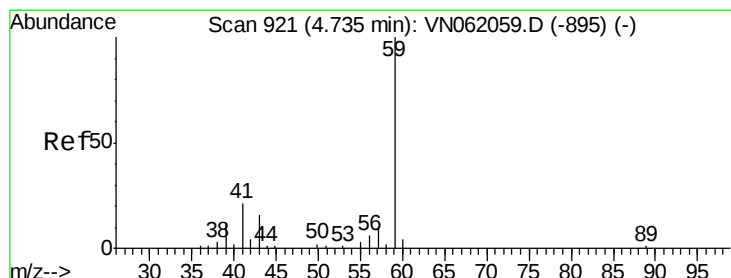
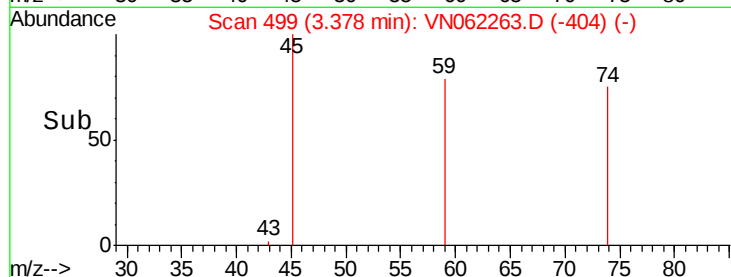
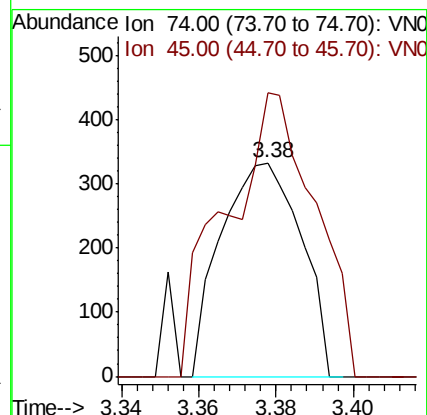
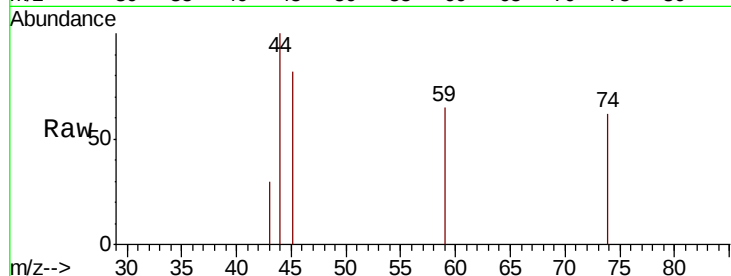
EPEC-POLYMERS-02

Tot Ion: 74 Resp: 479

Ion Ratio Lower Upper

74 100

45 147.8 42.5 127.5#



#11

Tert butyl alcohol

Concen: 1.271 ug/l

RT: 4.74 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN062263.D

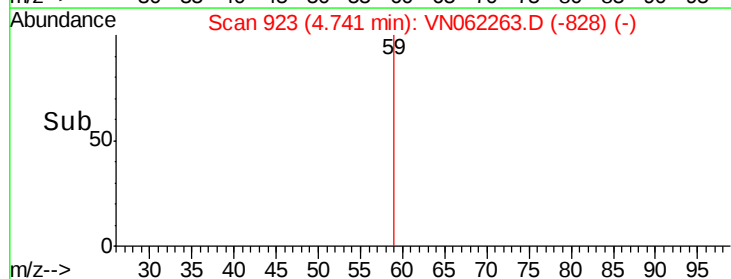
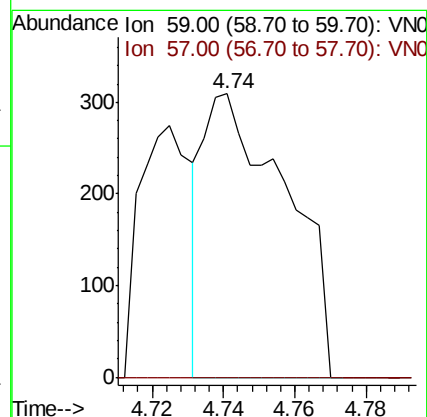
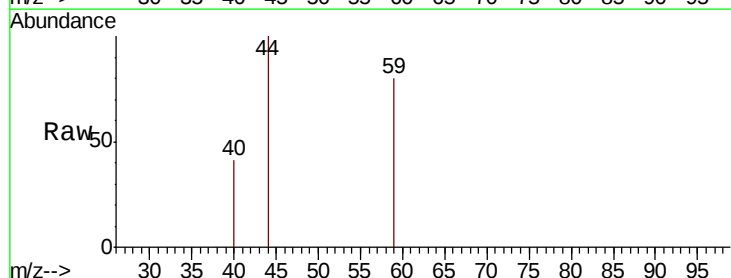
Acq: 1 Jul 2020 1:54

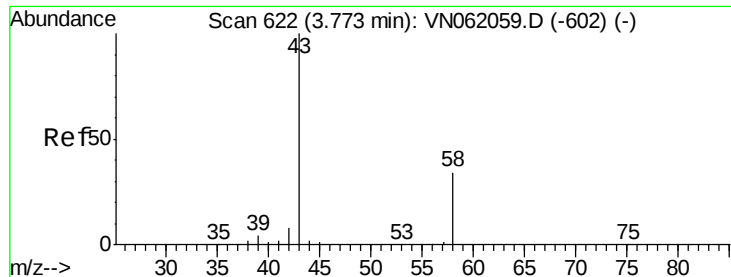
Tgt Ion: 59 Resp: 497

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#16

Acetone

Concen: 18.862 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

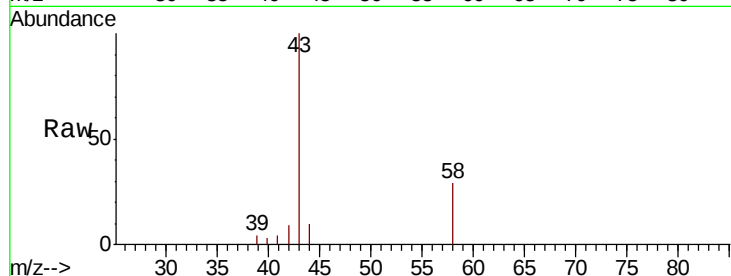
EPEC-POLYMERS-02

Tot Ion: 43 Resp: 19326

Ion Ratio Lower Upper

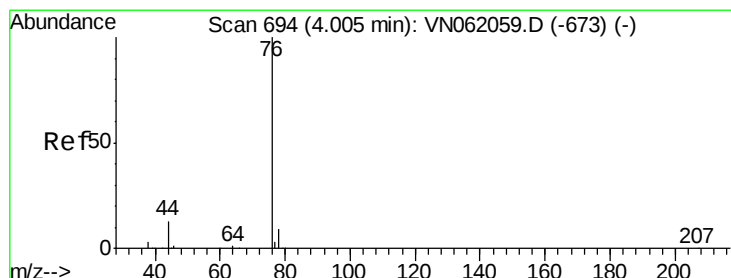
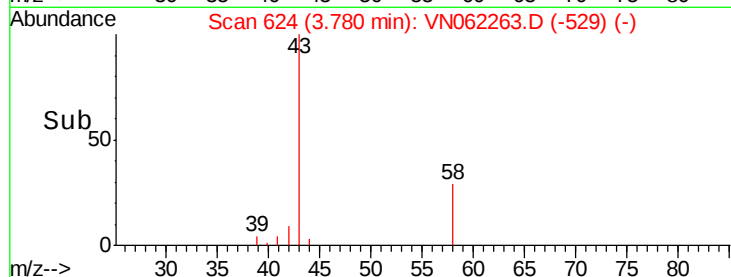
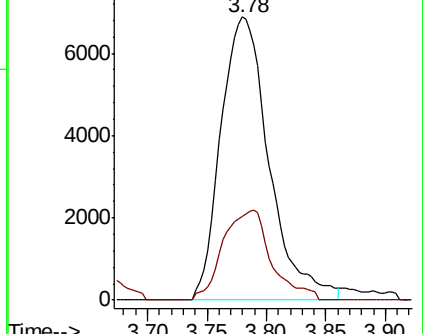
43 100

58 29.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062263.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062263.D (-529) (-)



#17

Carbon Disulfide

Concen: 0.442 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062263.D

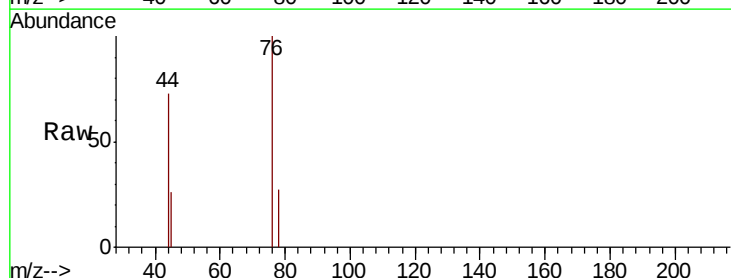
Acq: 1 Jul 2020 1:54

Tgt Ion: 76 Resp: 2502

Ion Ratio Lower Upper

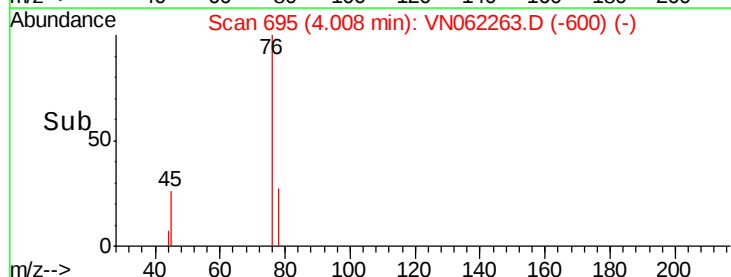
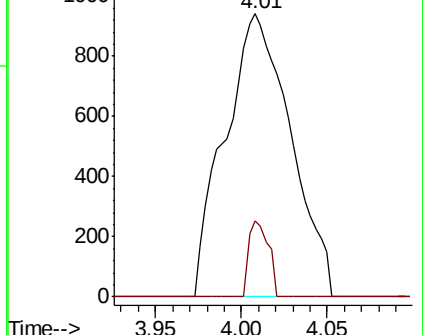
76 100

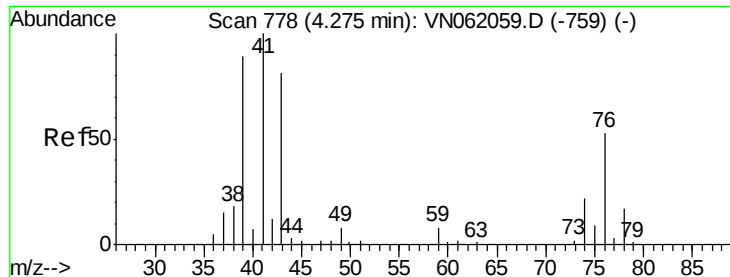
78 26.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN062263.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062263.D (-600) (-)

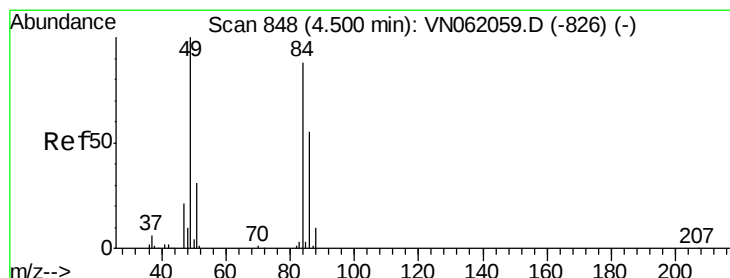
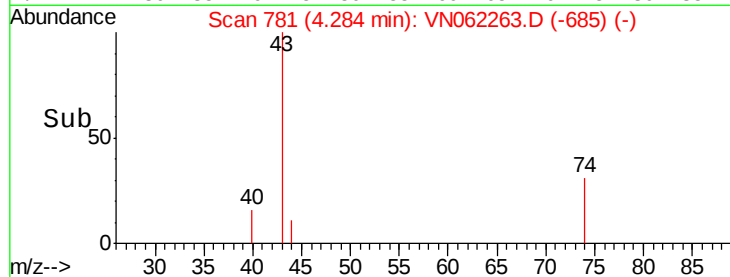
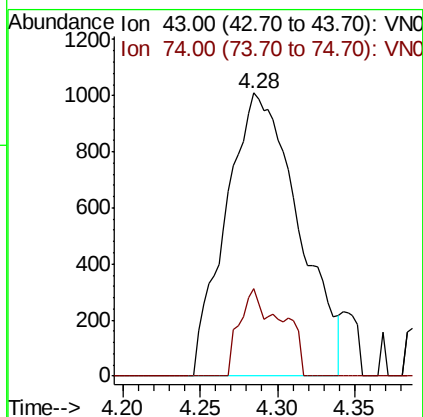
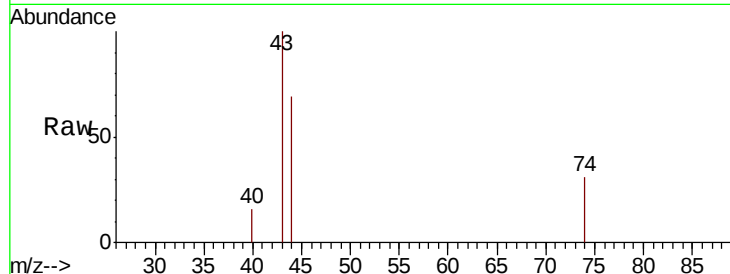




#18
Methyl Acetate
Concen: 1.513 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

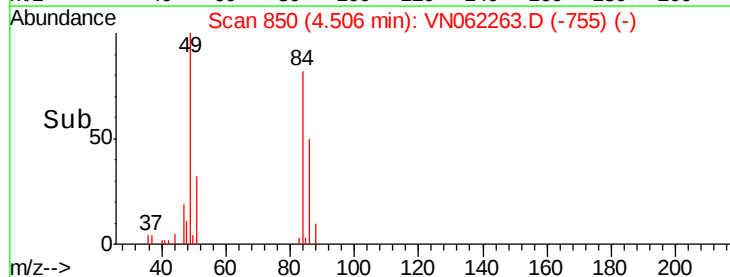
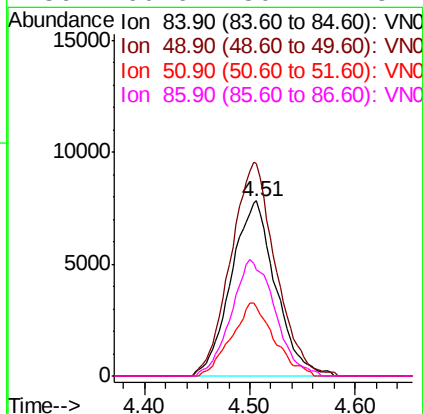
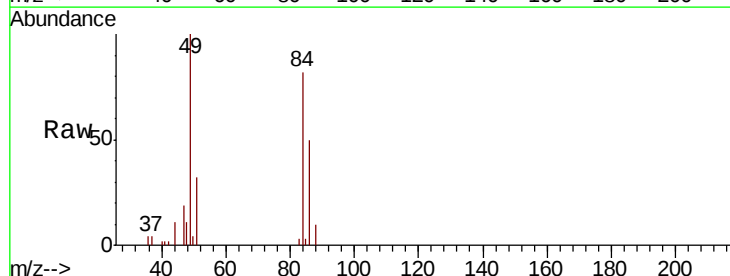
Instrument :
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ClientSampleId :
EPEC-POLYMERS-02

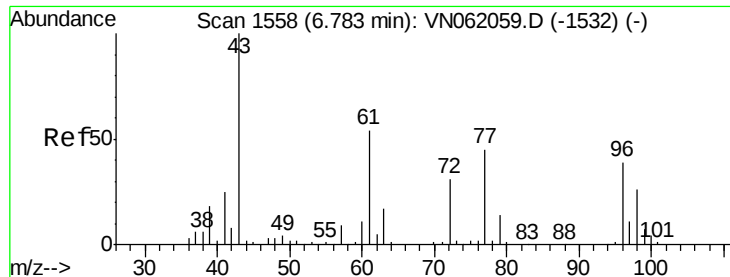
Tot Ion: 43 Resp: 3276
Ion Ratio Lower Upper
43 100
74 17.7 22.9 34.3#



#20
Methylene Chloride
Concen: 8.973 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

Tgt Ion: 84 Resp: 22877
Ion Ratio Lower Upper
84 100
49 121.3 90.6 136.0
51 39.2 27.8 41.8
86 60.6 50.1 75.1





#25

2-Butanone

Concen: 6.220 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

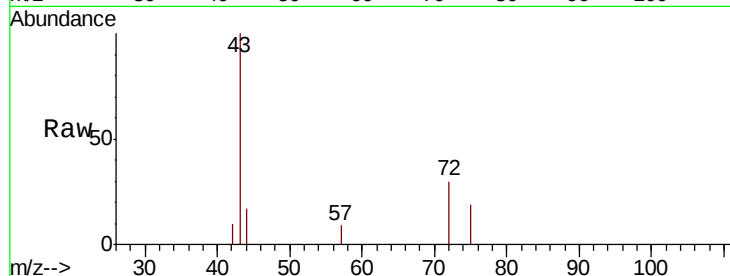
EPEC-POLYMERS-02

Tot Ion: 43 Resp: 8280

Ion Ratio Lower Upper

43 100

72 30.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.79

2500

2000

1500

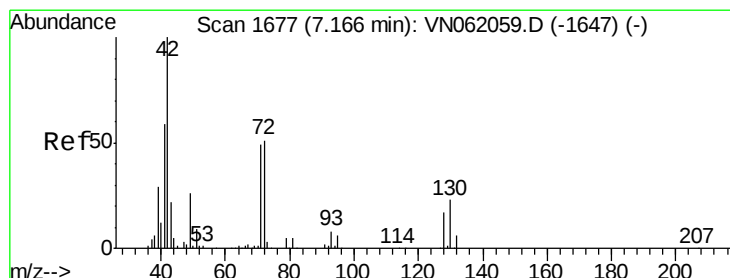
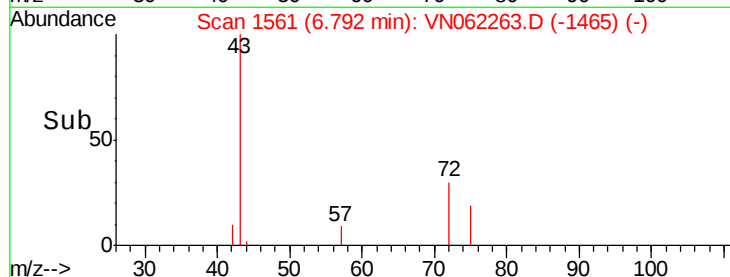
1000

500

0

6.70 6.75 6.80 6.85 6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.701 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

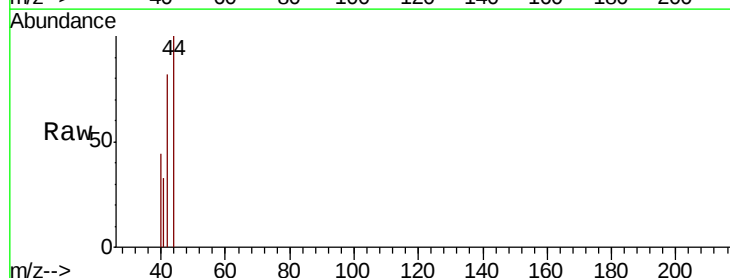
Tgt Ion: 42 Resp: 611

Ion Ratio Lower Upper

42 100

72 0.0 41.1 61.7#

71 0.0 38.2 57.4#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.18

500

400

300

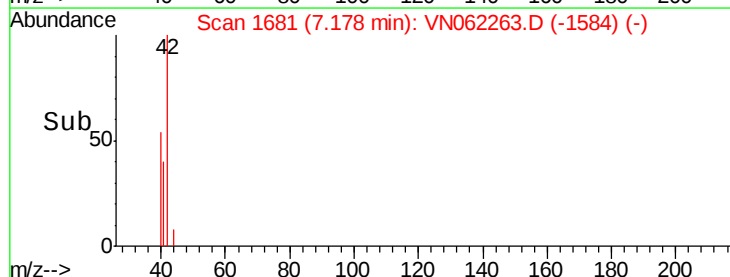
200

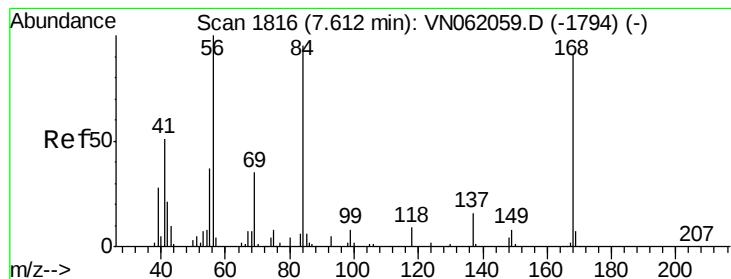
100

0

7.14 7.16 7.18 7.20

Time-->





#31

Cyclohexane

Concen: 1.414 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-02

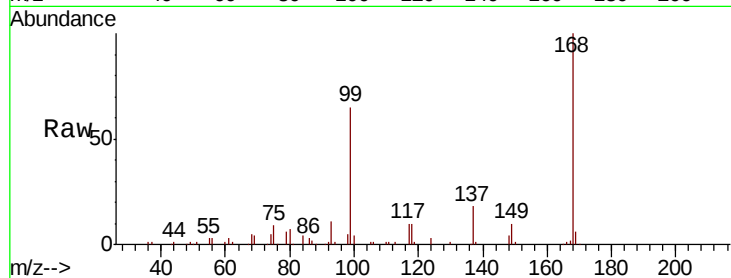
Tot Ion: 56 Resp: 5321

Ion Ratio Lower Upper

56 100

69 143.0 28.0 42.0#

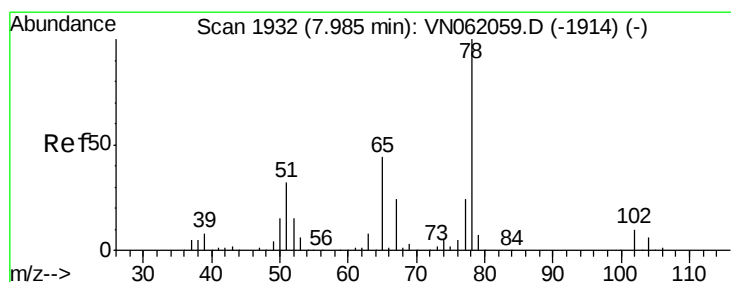
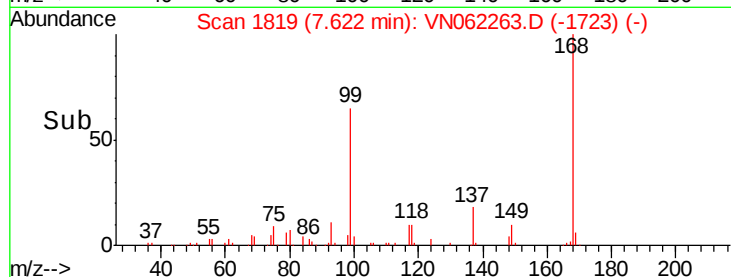
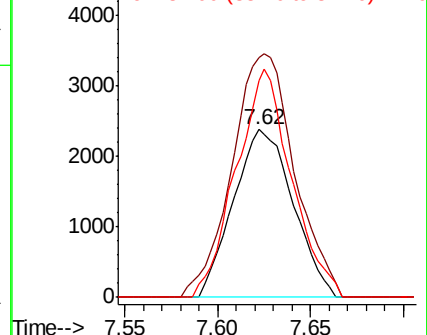
84 129.3 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062263.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062263.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062263.D (-1723) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.029 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062263.D

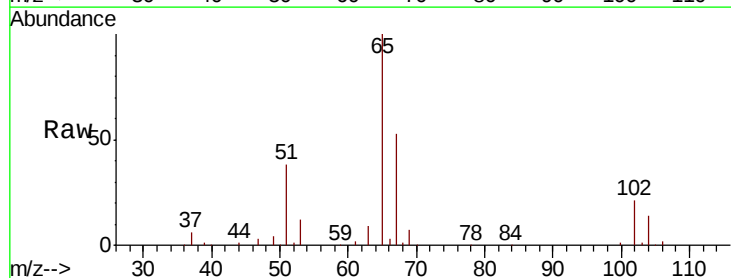
Acq: 1 Jul 2020 1:54

Tgt Ion: 65 Resp: 155315

Ion Ratio Lower Upper

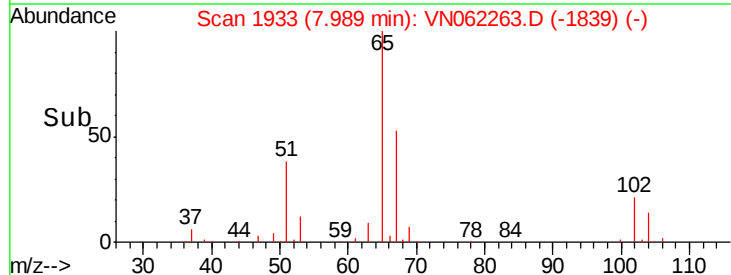
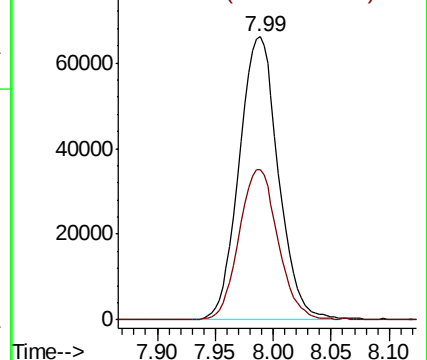
65 100

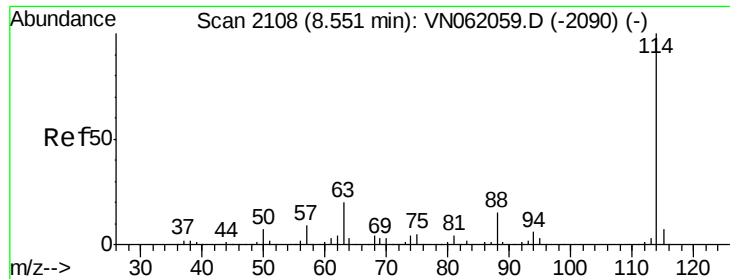
67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062263.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062263.D (-1839) (-)

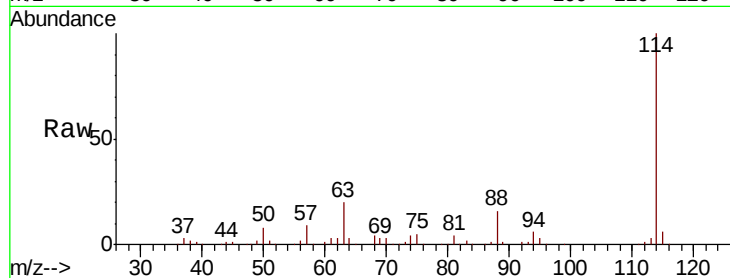




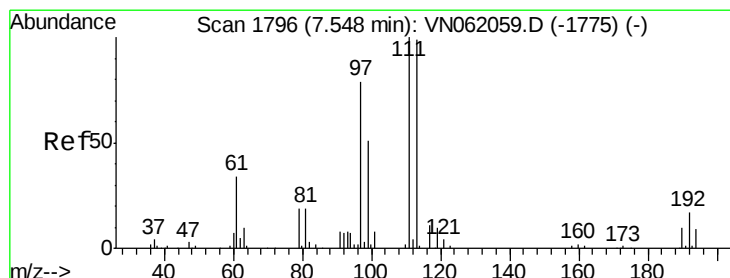
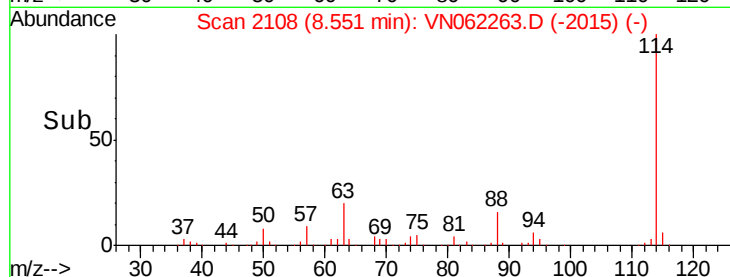
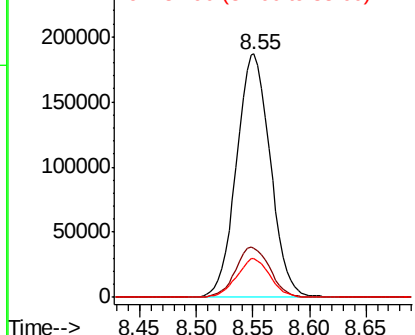
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-02

Tot Ion:114 Resp: 390038
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.8 0.0 30.8

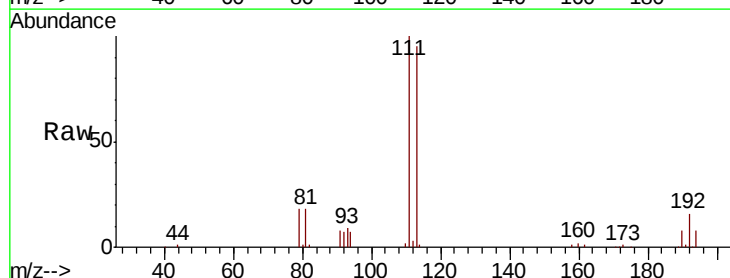


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

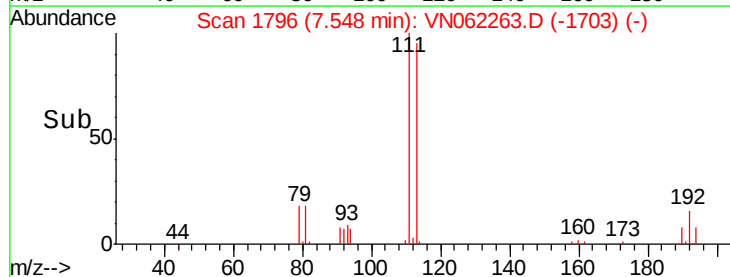
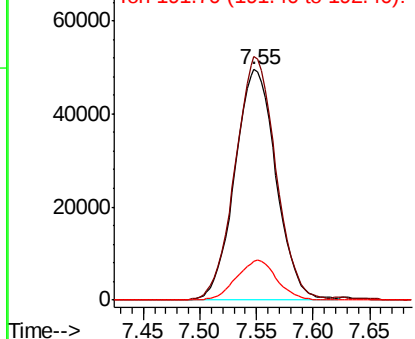


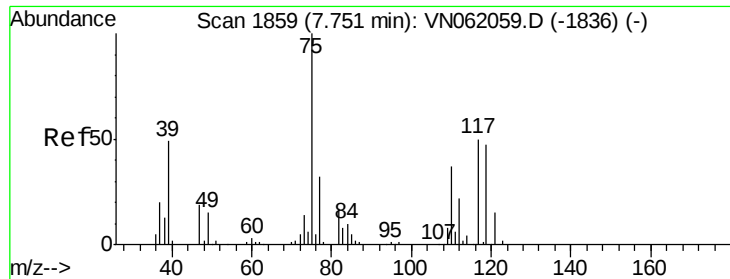
#35
Dibromofluoromethane
Concen: 50.257 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

Tgt Ion:113 Resp: 125758
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 16.8 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

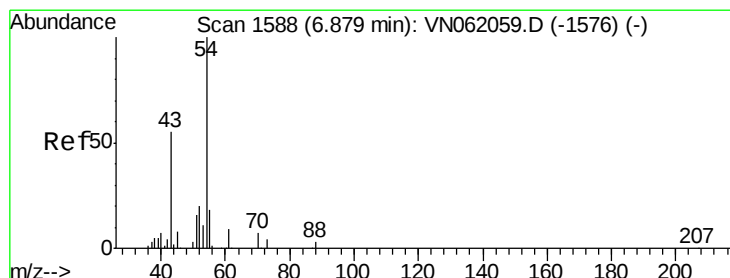
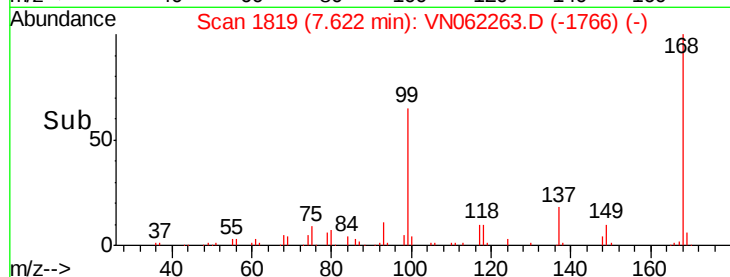
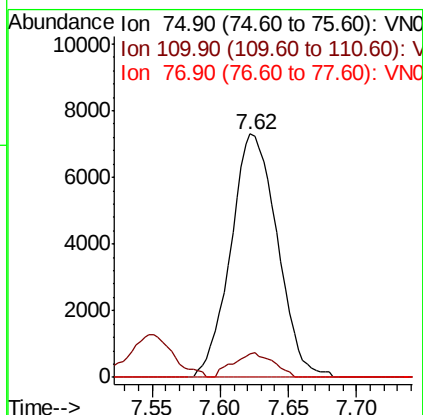
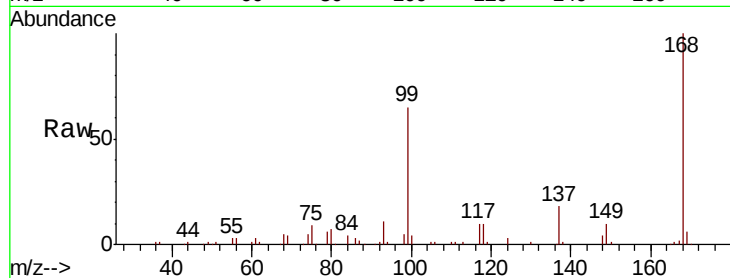




#36
 1,1-Dichloropropene
 Concen: 4.419 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062263.D
 Acq: 1 Jul 2020 1:54

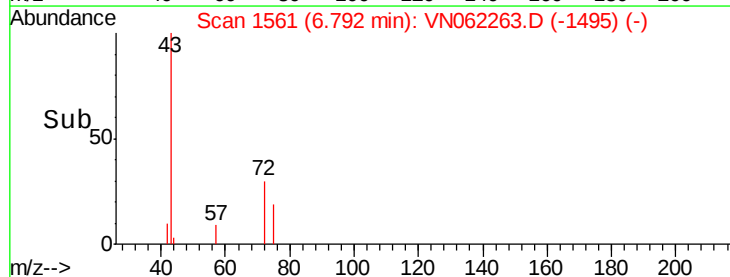
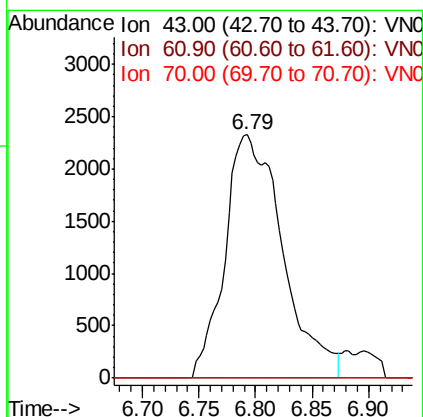
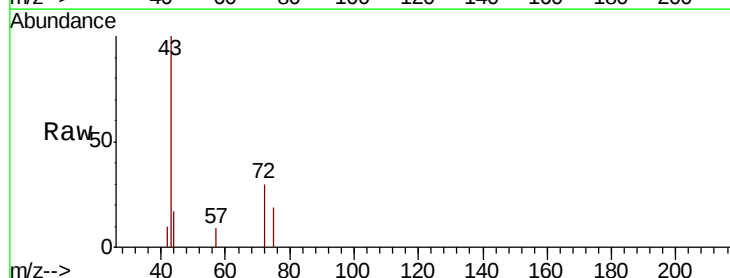
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-02

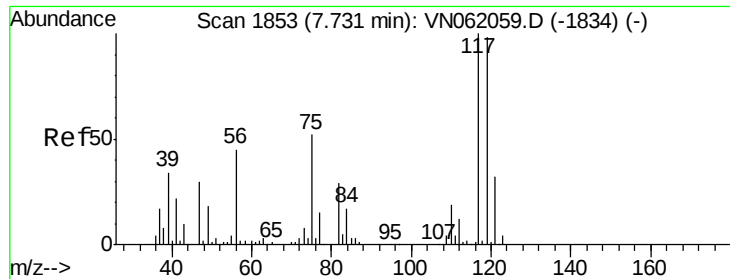
Tot Ion: 75 Resp: 17323
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.9 53.8#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 2.551 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.09 min
 Lab File: VN062263.D
 Acq: 1 Jul 2020 1:54

Tgt Ion: 43 Resp: 8280
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.0 18.0#
 70 0.0 9.6 14.4#

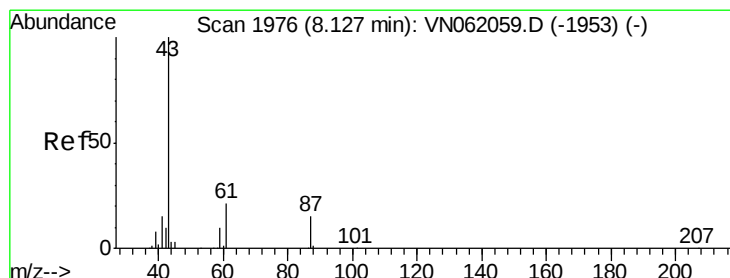
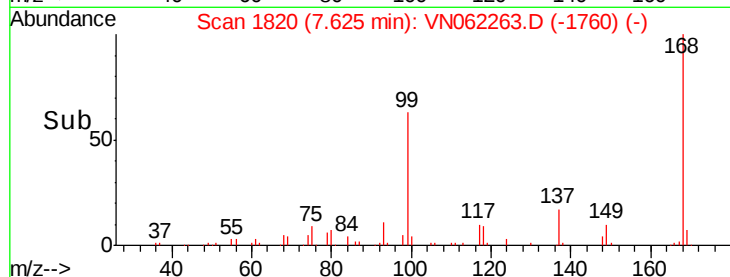
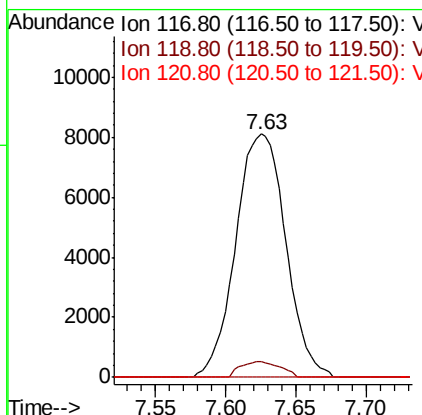
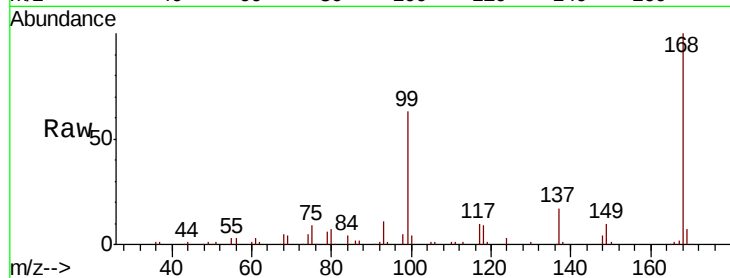




#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

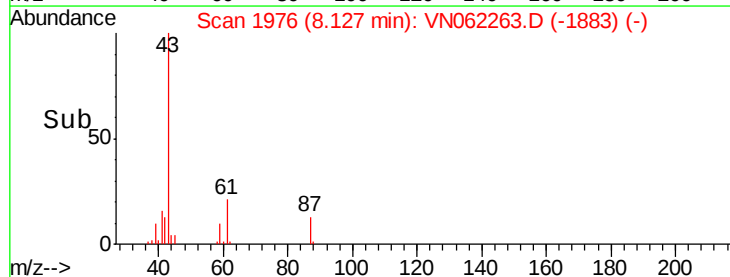
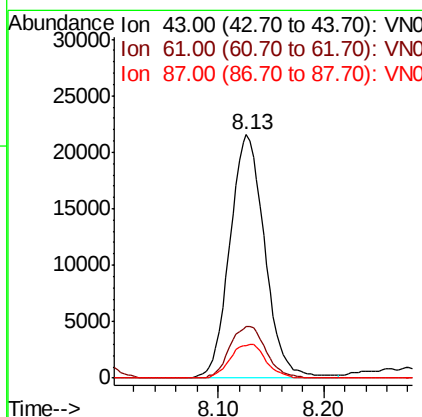
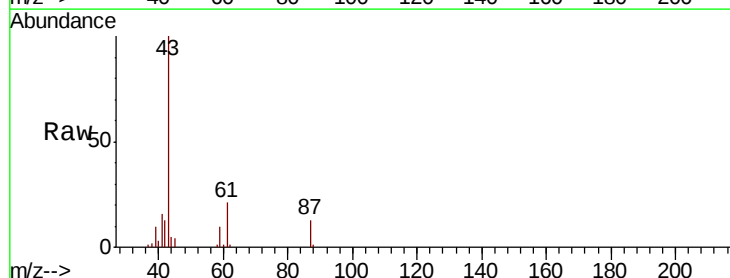
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-02

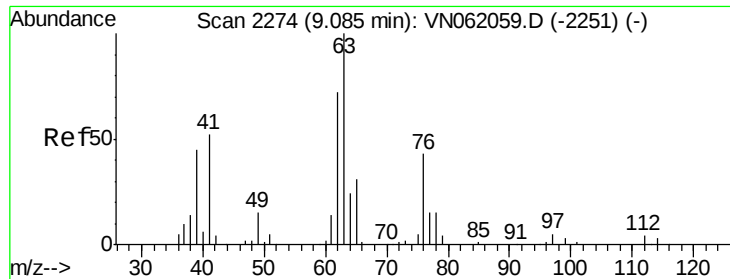
Tot Ion:117 Resp: 20126
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 9.360 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

Tgt Ion: 43 Resp: 49536
Ion Ratio Lower Upper
43 100
61 21.9 17.2 25.8
87 14.0 12.1 18.1

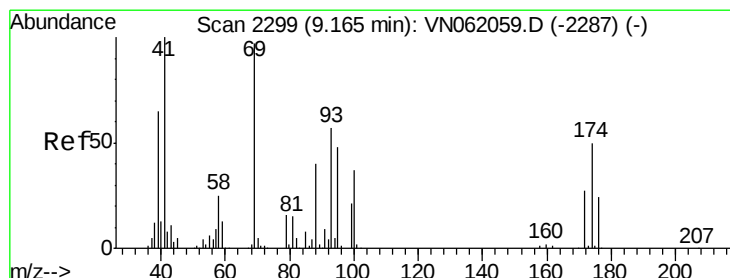
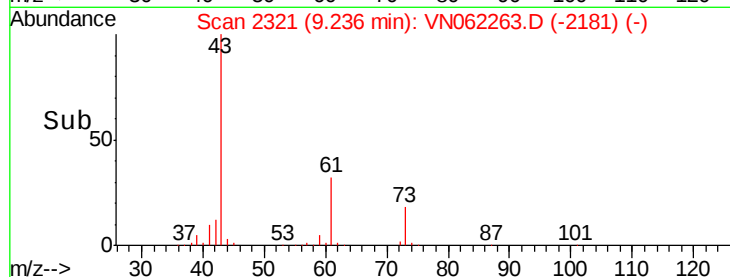
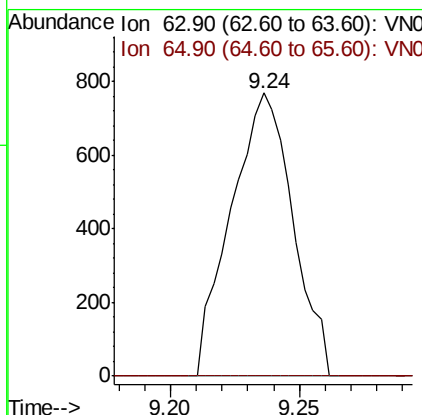
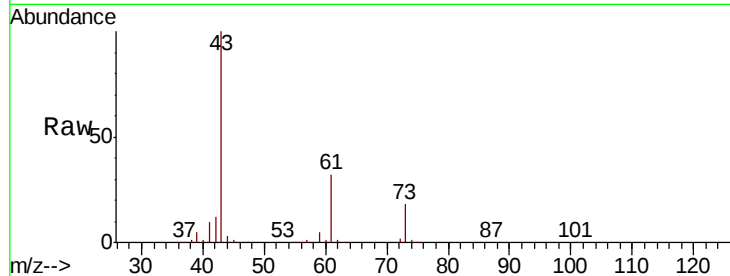




#45
 1,2-Dichloropropane
 Concen: 0.436 ug/l
 RT: 9.24 min Scan# 2321
 Delta R.T. 0.15 min
 Lab File: VN062263.D
 Acq: 1 Jul 2020 1:54

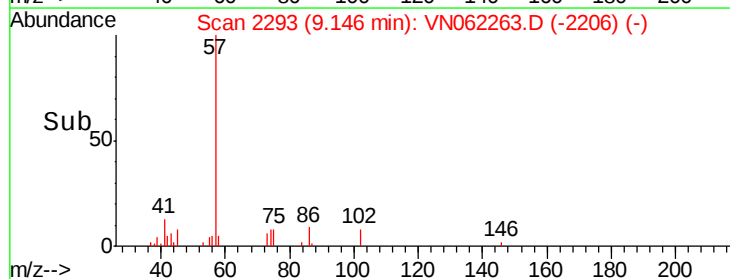
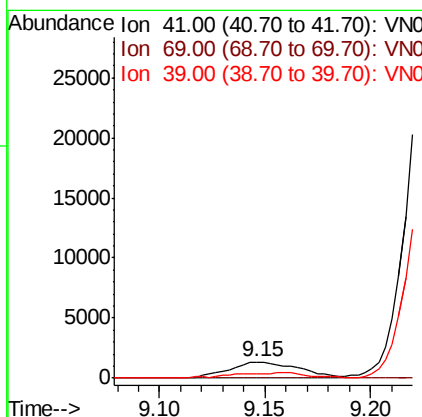
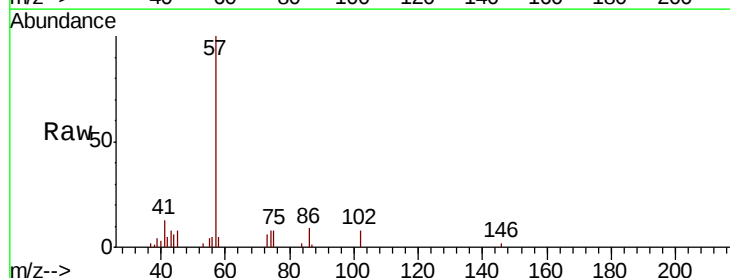
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-02

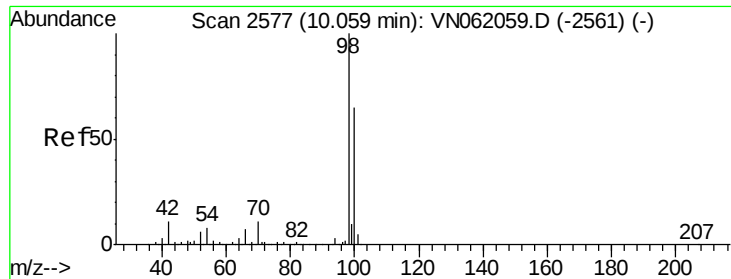
Tot Ion: 63 Resp: 1286
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.279 ug/l
 RT: 9.15 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: VN062263.D
 Acq: 1 Jul 2020 1:54

Tgt Ion: 41 Resp: 3036
 Ion Ratio Lower Upper
 41 100
 69 0.0 80.7 121.1#
 39 0.0 54.5 81.7#





#50

Toluene-d8

Concen: 52.458 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

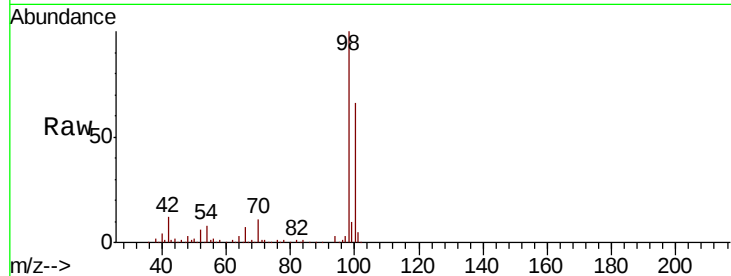
EPEC-POLYMERS-02

Tot Ion: 98 Resp: 524707

Ion Ratio Lower Upper

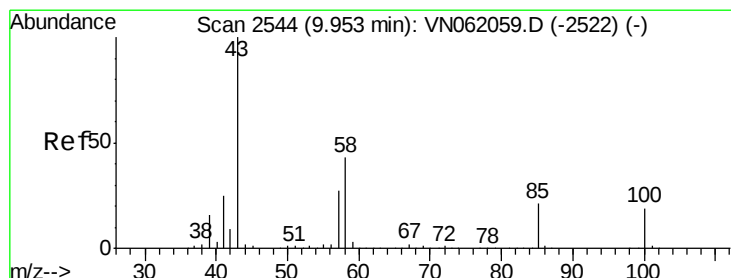
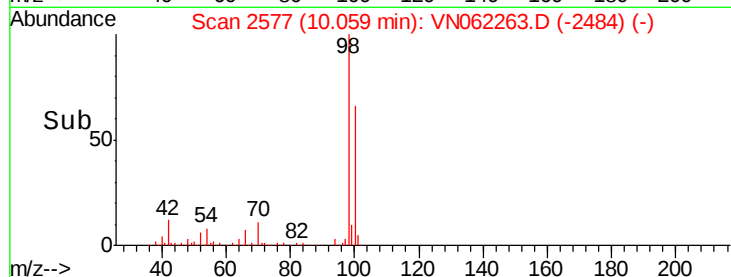
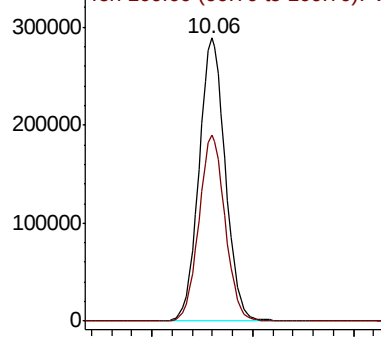
98 100

100 65.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.749 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062263.D

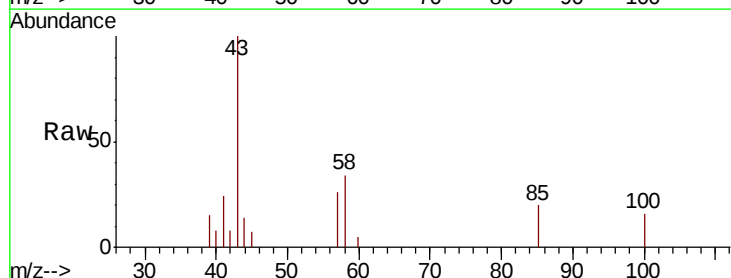
Acq: 1 Jul 2020 1:54

Tgt Ion: 43 Resp: 5409

Ion Ratio Lower Upper

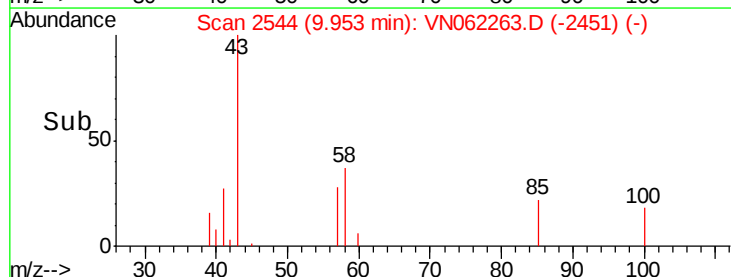
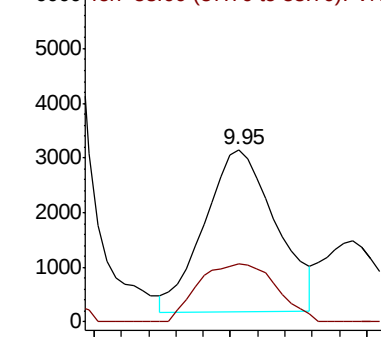
43 100

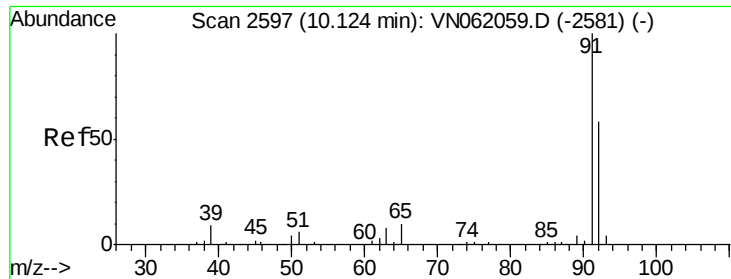
58 39.2 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 0.218 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

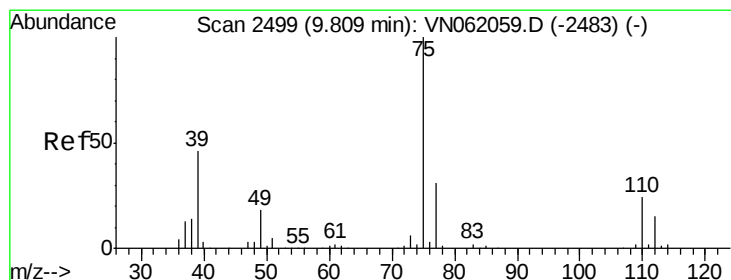
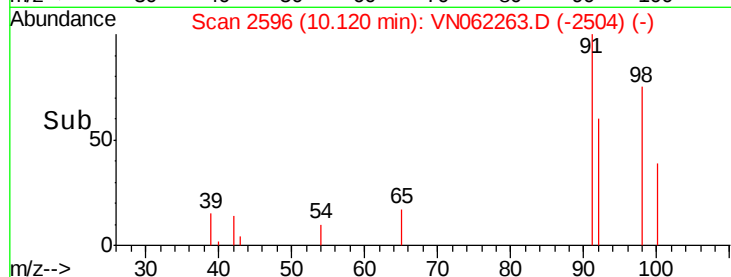
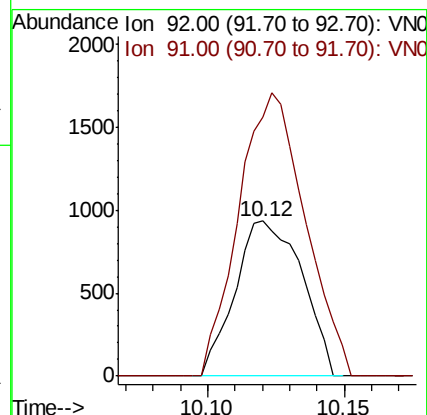
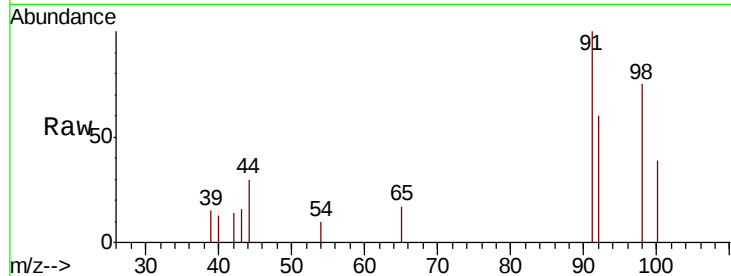
EPEC-POLYMERS-02

Tot Ion: 92 Resp: 1591

Ion Ratio Lower Upper

92 100

91 181.4 137.4 206.0



#54

cis-1,3-Dichloropropene

Concen: 4.598 ug/l

RT: 9.88 min Scan# 2520

Delta R.T. 0.07 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

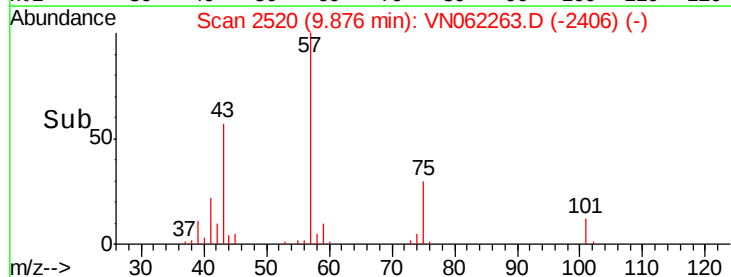
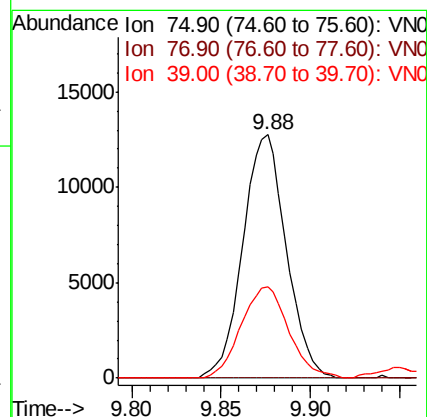
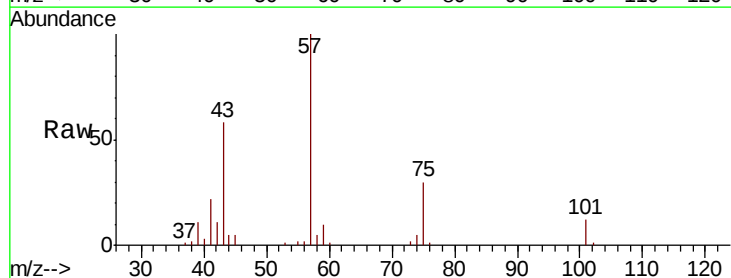
Tgt Ion: 75 Resp: 21737

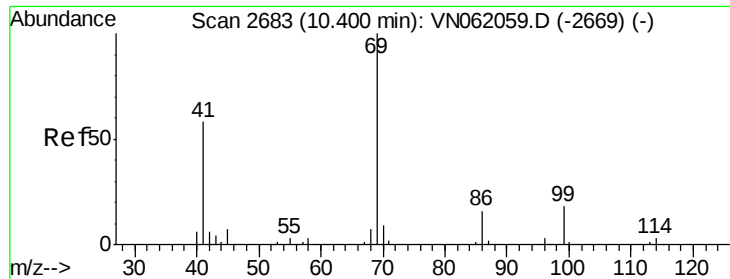
Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 37.3 36.9 55.3





#56

Ethyl methacrylate

Concen: 0.259 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. 0.12 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-02

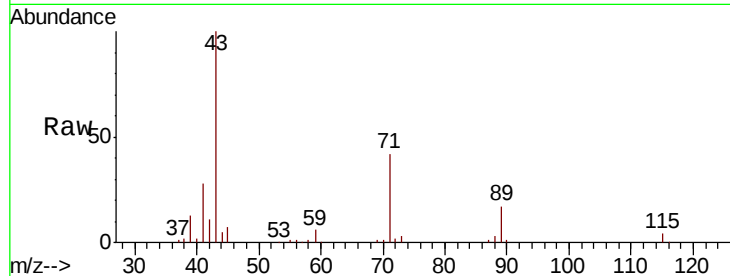
Tot Ion: 69 Resp: 991

Ion Ratio Lower Upper

69 100

41 4584.3 46.6 70.0#

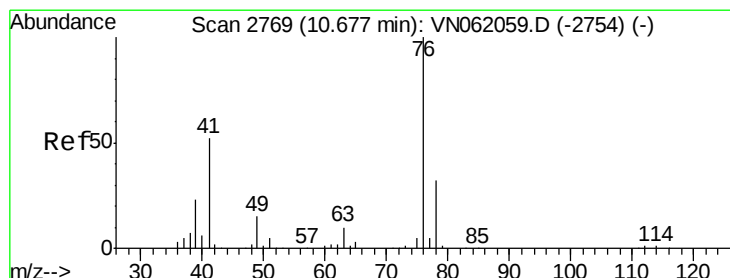
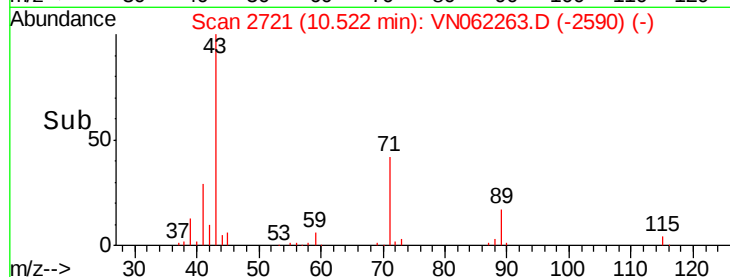
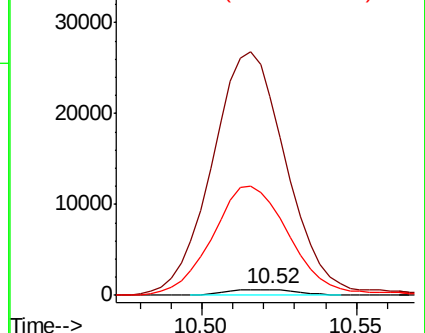
39 2132.4 31.0 46.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.829 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.06 min

Lab File: VN062263.D

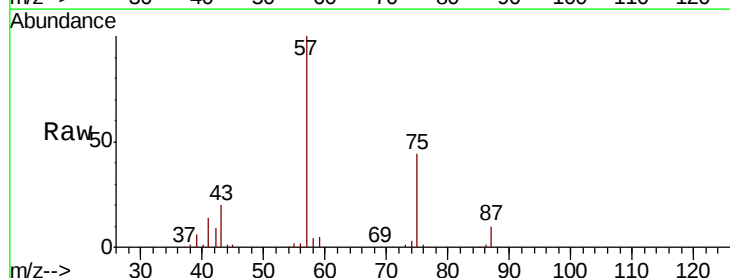
Acq: 1 Jul 2020 1:54

Tgt Ion: 76 Resp: 4091

Ion Ratio Lower Upper

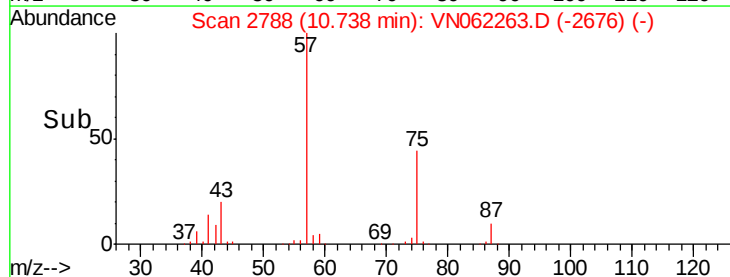
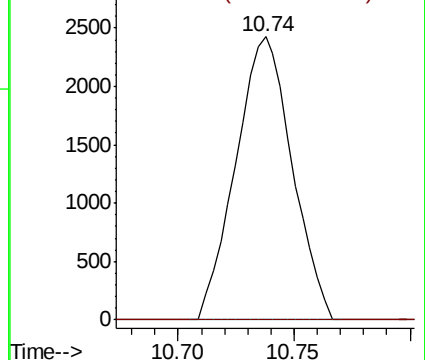
76 100

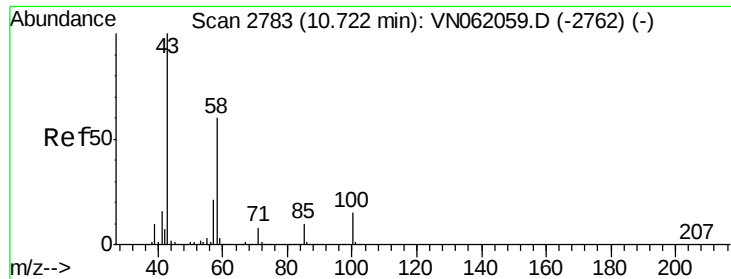
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

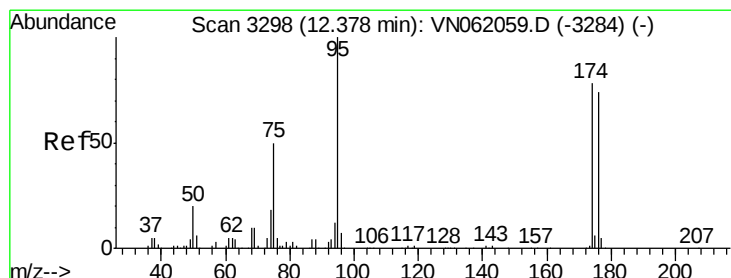
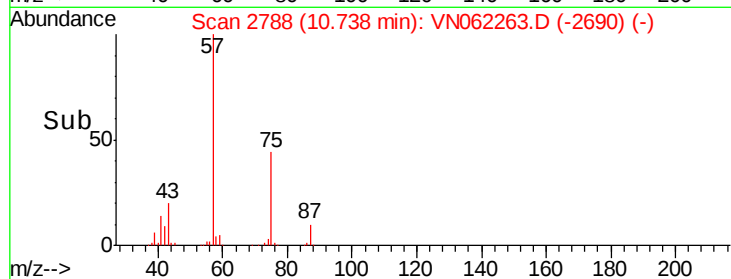
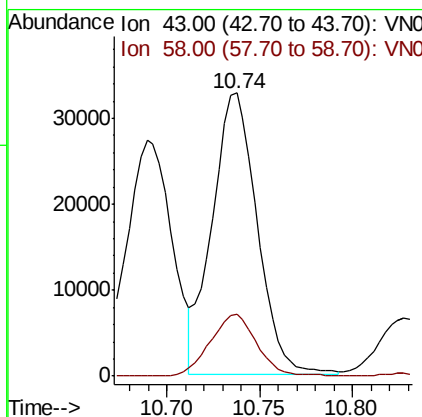
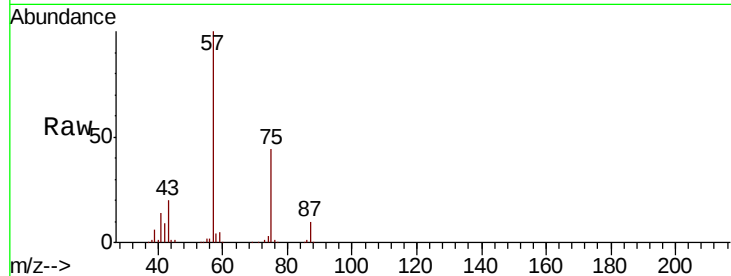




#59
2-Hexanone
Concen: 24.652 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

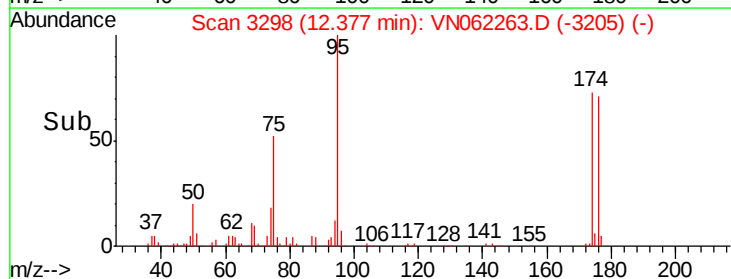
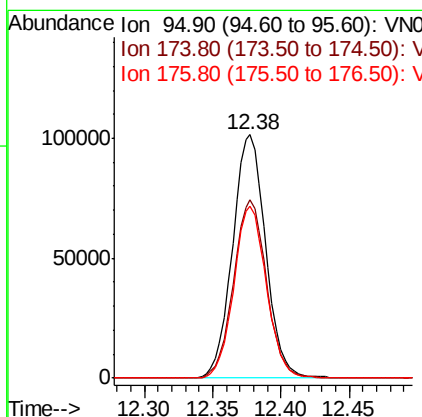
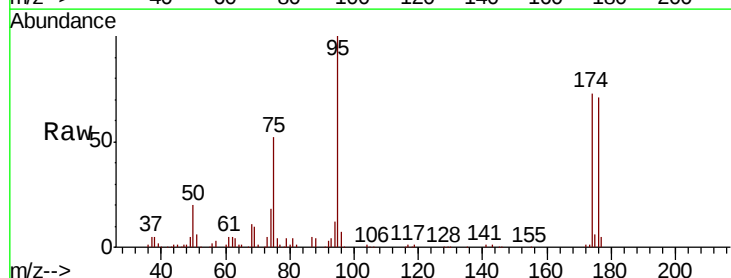
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-02

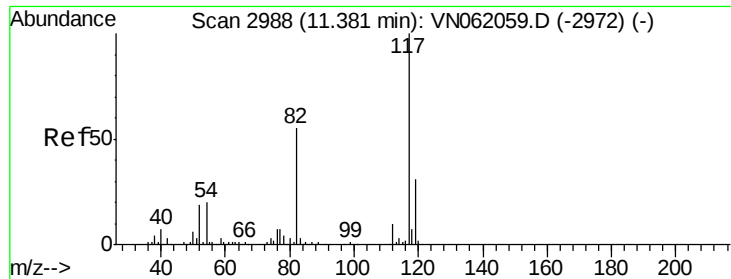
Tot Ion: 43 Resp: 55041
Ion Ratio Lower Upper
43 100
58 22.8 29.5 88.5#



#62
4-Bromofluorobenzene
Concen: 50.500 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

Tgt Ion: 95 Resp: 170659
Ion Ratio Lower Upper
95 100
174 73.2 0.0 154.8
176 69.8 0.0 147.4

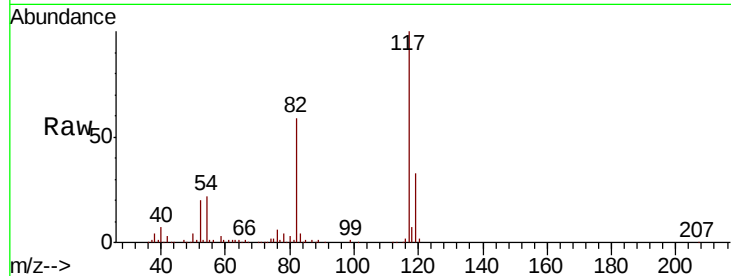




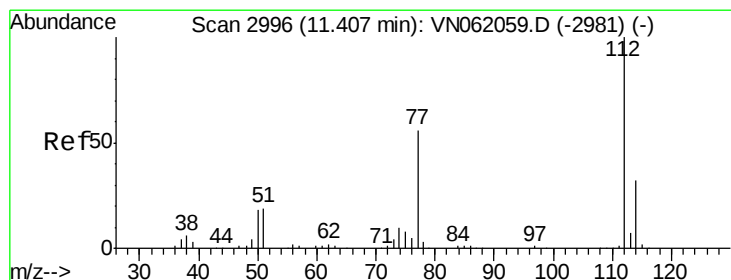
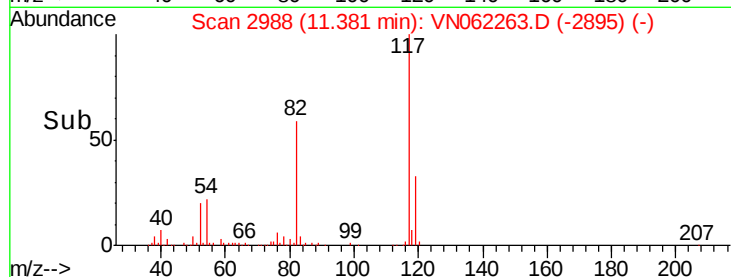
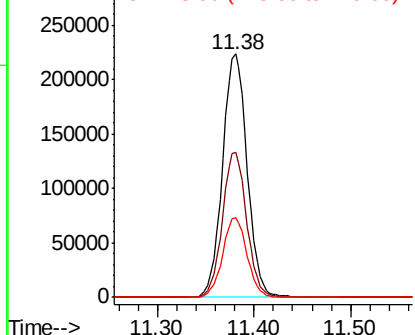
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-02

Tot Ion:117 Resp: 395696
Ion Ratio Lower Upper
117 100
82 59.4 43.8 65.8
119 32.7 25.2 37.8

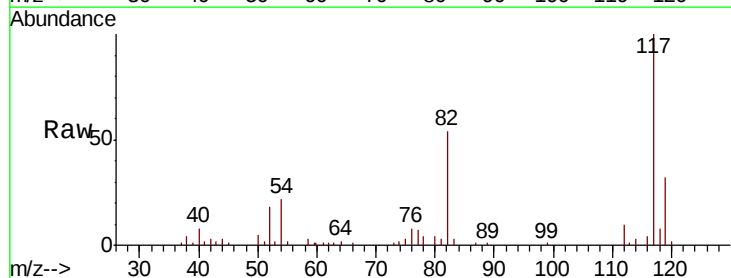


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

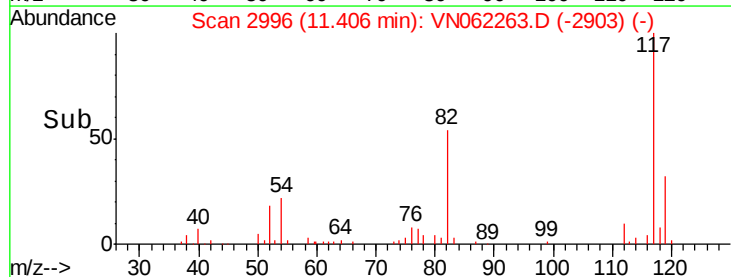
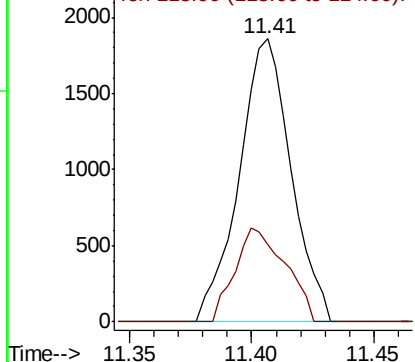


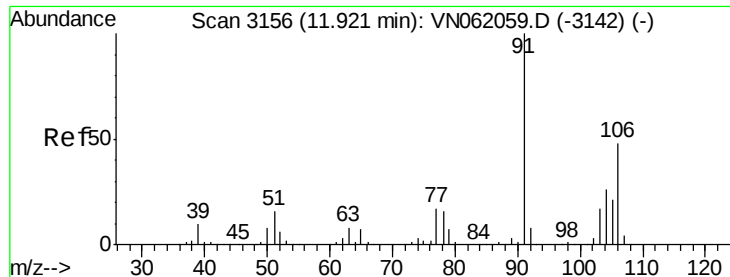
#65
Chlorobenzene
Concen: 0.316 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

Tgt Ion:112 Resp: 2742
Ion Ratio Lower Upper
112 100
114 27.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

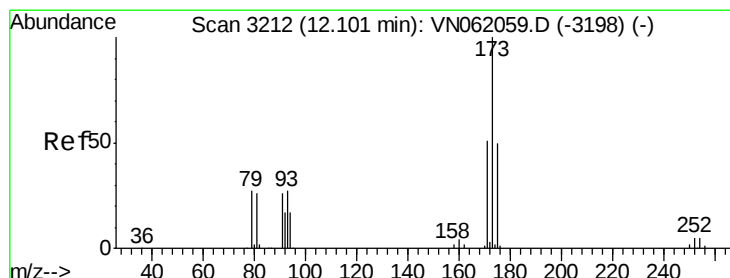
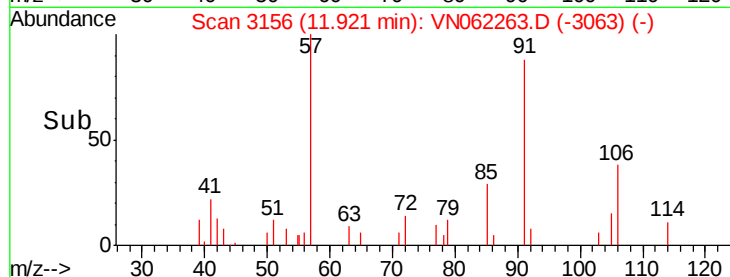
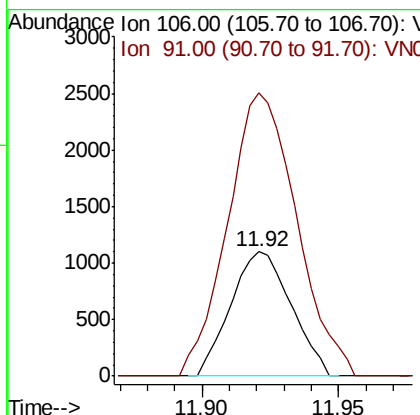
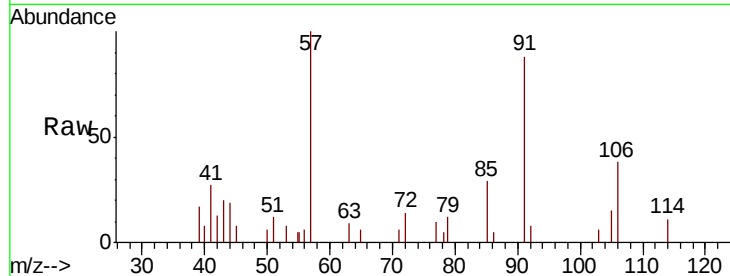




#69
o-Xylene
Concen: 0.316 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

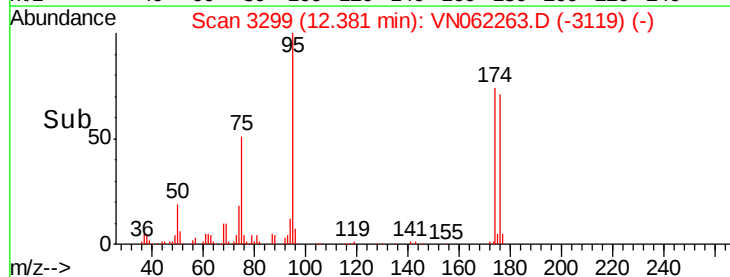
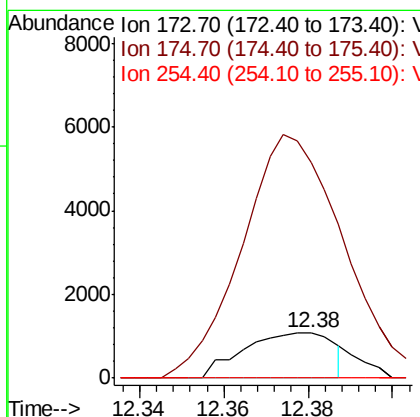
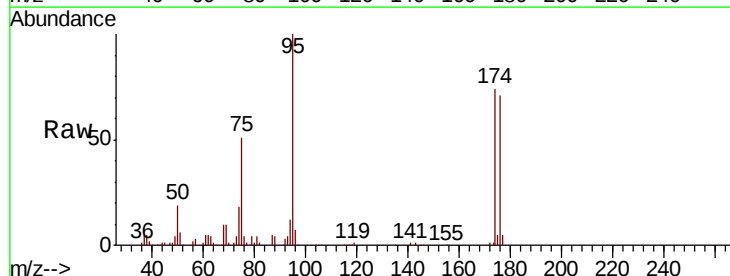
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-02

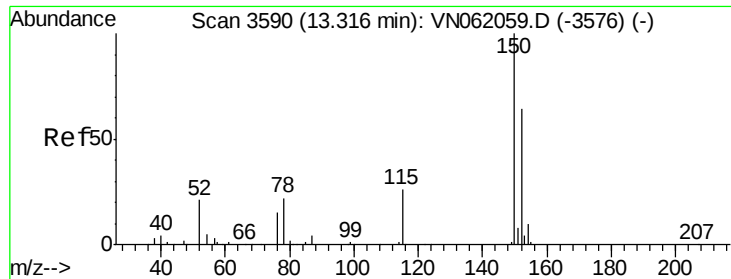
Tot Ion:106 Resp: 1691
Ion Ratio Lower Upper
106 100
91 259.5 104.0 311.9



#71
Bromoform
Concen: 0.757 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN062263.D
Acq: 1 Jul 2020 1:54

Tgt Ion:173 Resp: 1618
Ion Ratio Lower Upper
173 100
175 511.7 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: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-02

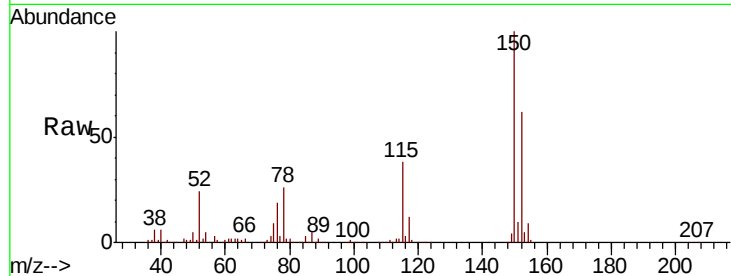
Tot Ion:152 Resp: 142915

Ion Ratio Lower Upper

152 100

115 61.2 29.5 88.5

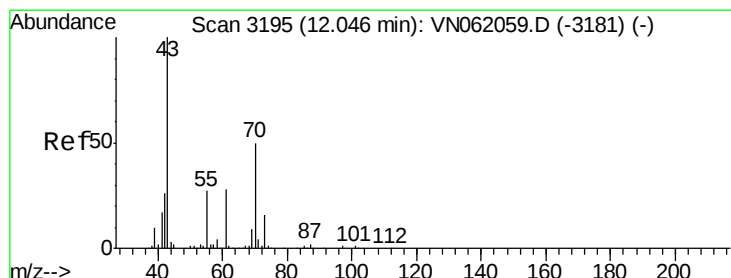
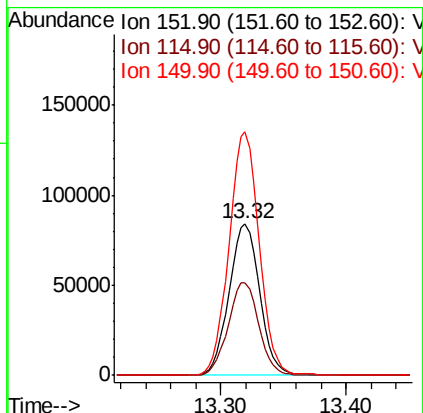
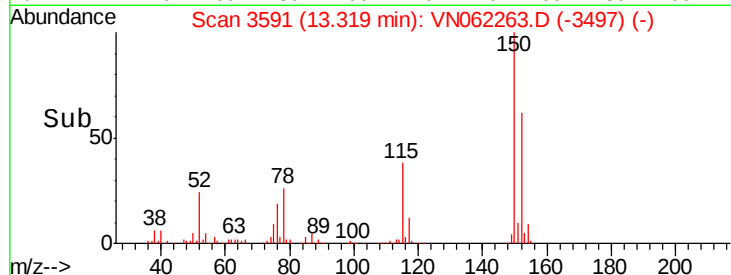
150 157.6 0.0 351.4



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



#74

N-ethyl acetate

Concen: 3.949 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Tgt Ion: 43 Resp: 2644

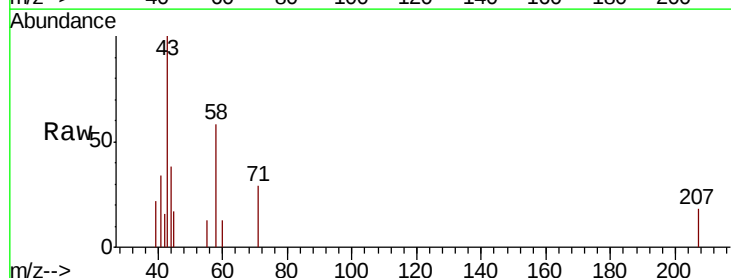
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 2.3 21.7 32.5#

61 0.0 21.3 31.9#

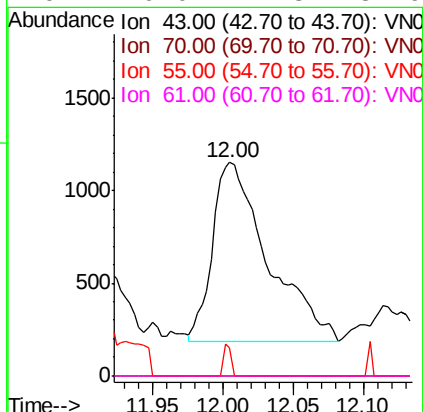
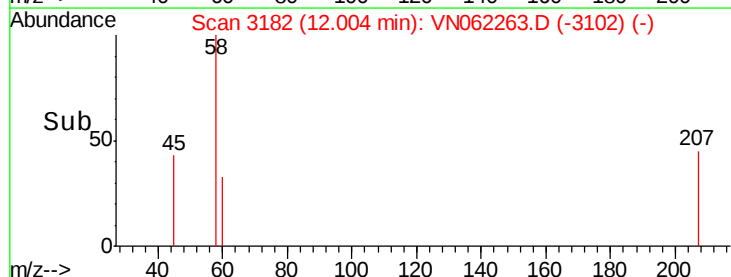


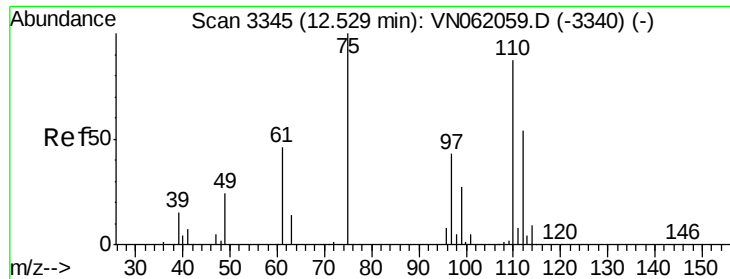
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 0.854 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.12 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

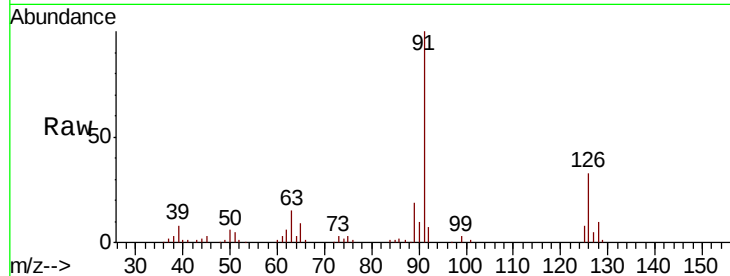
EPEC-POLYMERS-02

Tot Ion: 75 Resp: 2872

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3340) (-)

12.65

1500

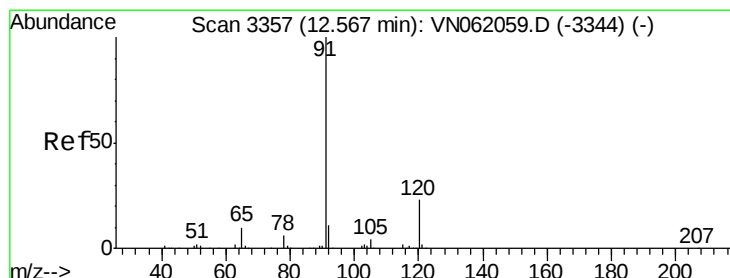
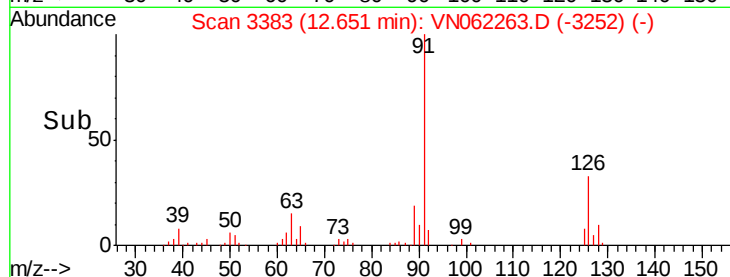
1000

500

0

12.60 12.65 12.70

Time-->



#78

n-propylbenzene

Concen: 7.183 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.08 min

Lab File: VN062263.D

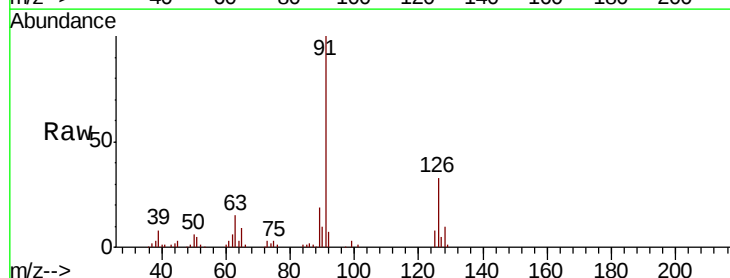
Acq: 1 Jul 2020 1:54

Tgt Ion: 91 Resp: 90895

Ion Ratio Lower Upper

91 100

120 0.0 11.4 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3344) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3344) (-)

12.65

60000

50000

40000

30000

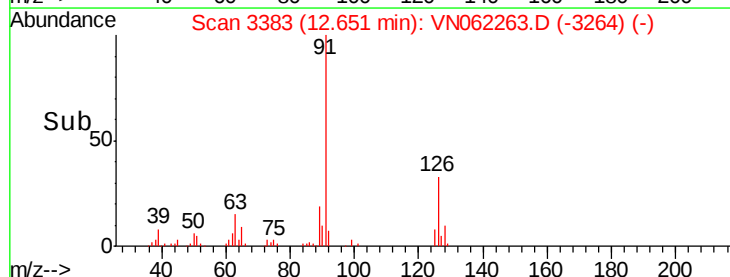
20000

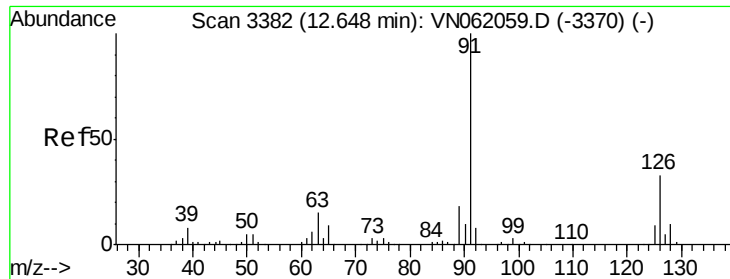
10000

0

12.60 12.65 12.70

Time-->





#79

2-Chlorotoluene

Concen: 11.882 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

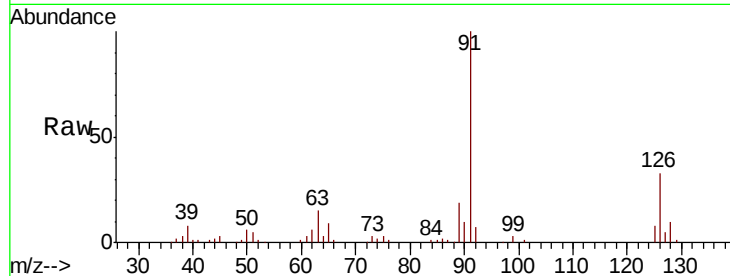
EPEC-POLYMERS-02

Tot Ion: 91 Resp: 90895

Ion Ratio Lower Upper

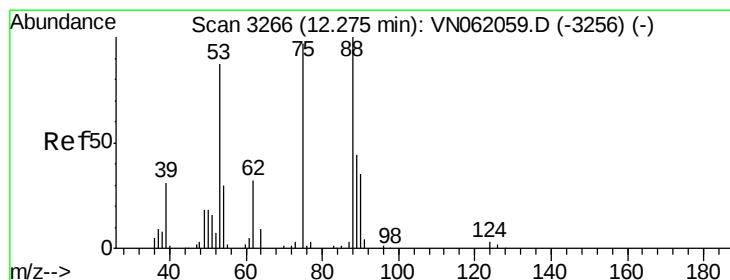
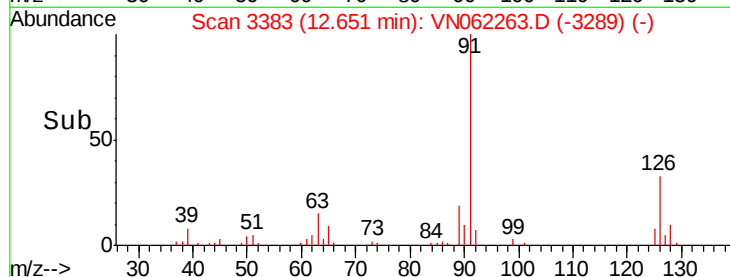
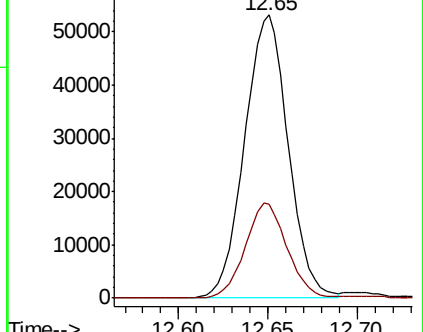
91 100

126 32.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 76.719 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

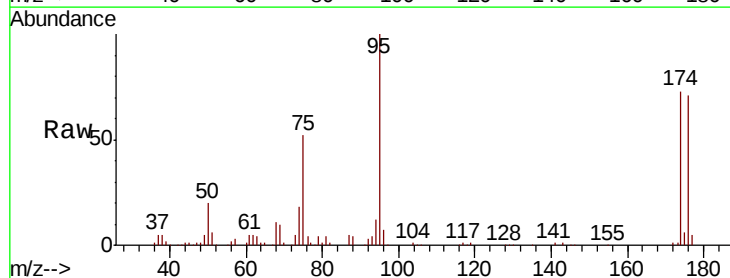
Tgt Ion: 75 Resp: 88382

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

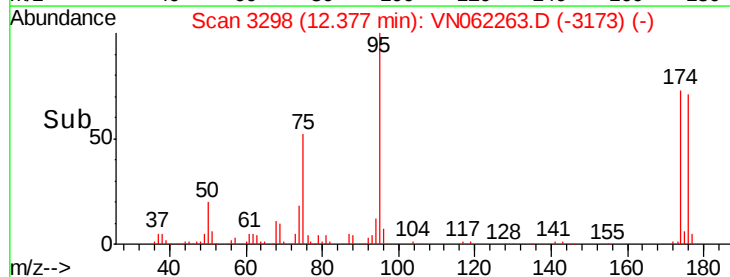
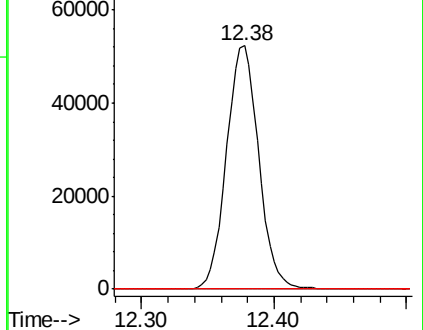
89 0.0 36.9 55.3#

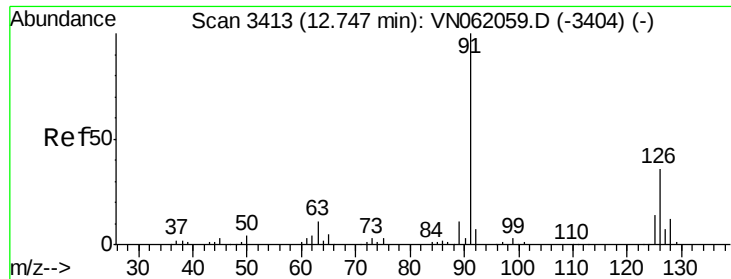


Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062059.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062059.D (-3256) (-)





#82

4-Chlorotoluene

Concen: 11.490 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.10 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

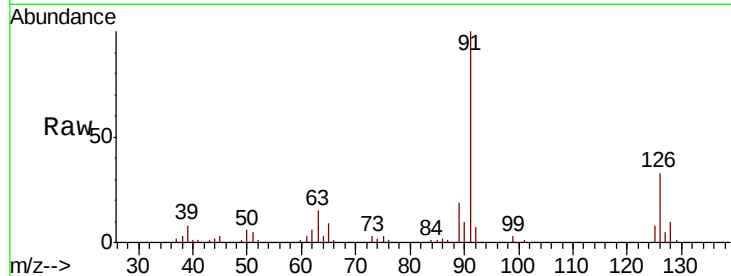
EPEC-POLYMERS-02

Tot Ion: 91 Resp: 90895

Ion Ratio Lower Upper

91 100

126 32.2 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3404) (-)

12.65

60000

50000

40000

30000

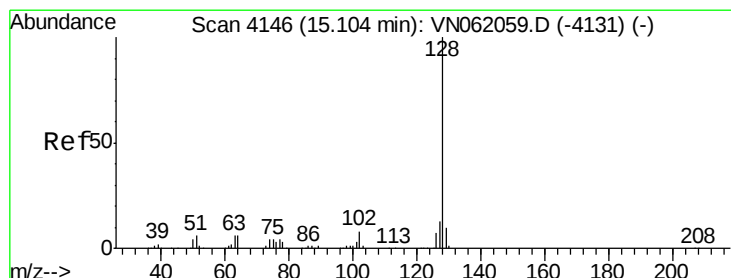
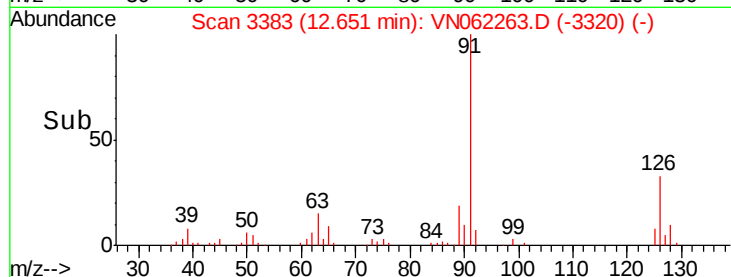
20000

10000

0

12.60 12.65 12.70

Time-->



#95

Naphthalene

Concen: 4.081 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062263.D

Acq: 1 Jul 2020 1:54

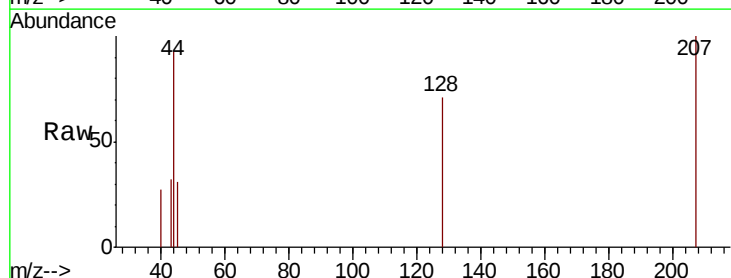
Tgt Ion:128 Resp: 635

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062059.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN062059.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN062059.D (-4131) (-)

15.11

600

500

400

300

200

100

0

15.08 15.10 15.12 15.14

Time-->

