

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062264.D
 Acq On : 1 Jul 2020 2:18
 Operator : JC/MD
 Sample : L3148-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-03

Quant Time: Jul 01 05:53:27 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

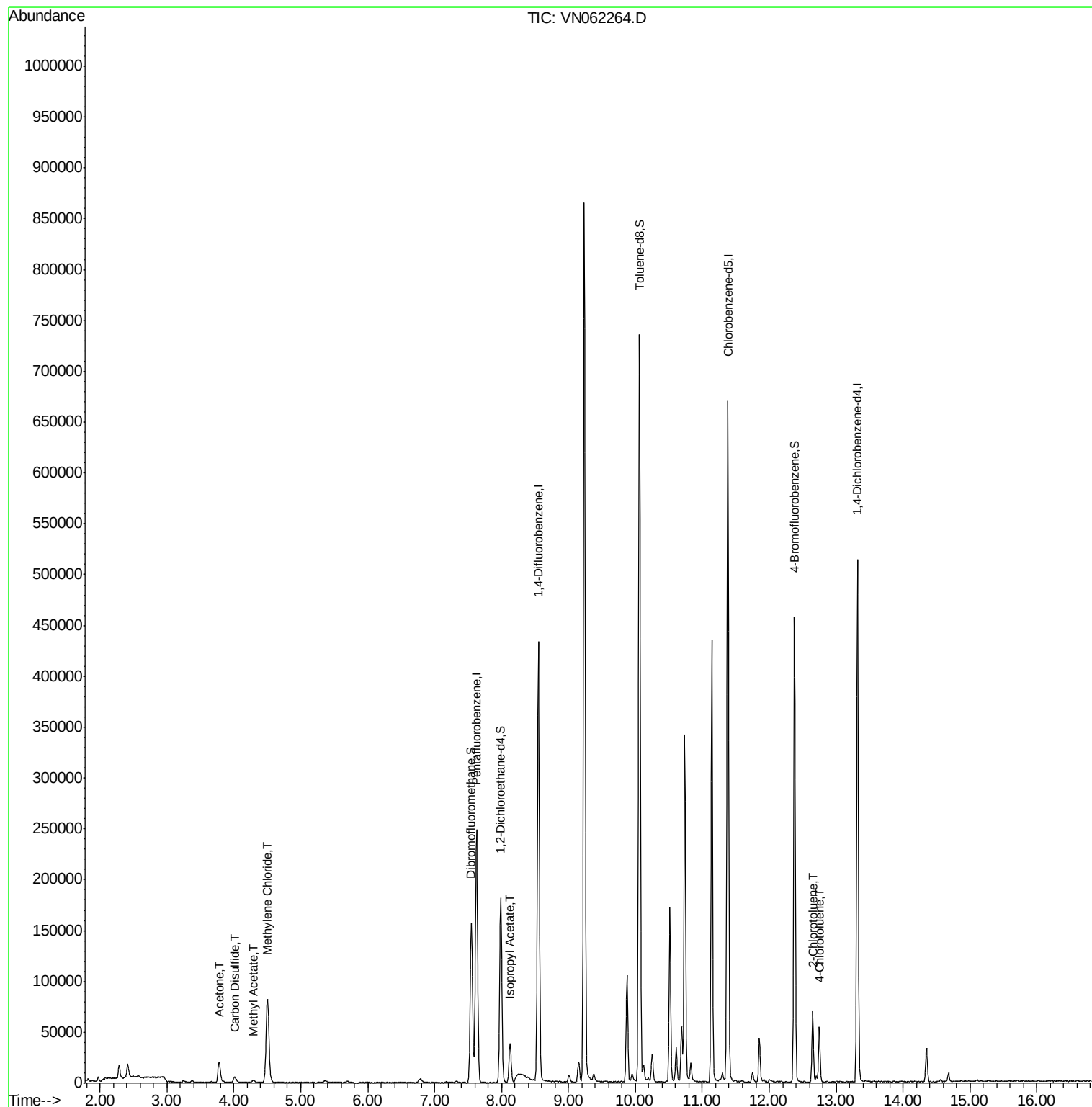
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	189196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	152293	57.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.72%	
35) Dibromofluoromethane	7.55	113	123200	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.06	98	505612	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.38	95	159424	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
16) Acetone	3.78	43	33423	36.648	ug/l	98
17) Carbon Disulfide	4.01	76	9474	1.572	ug/l	98
18) Methyl Acetate	4.28	43	3453	1.636	ug/l #	89
20) Methylene Chloride	4.50	84	63164	25.810	ug/l	97
43) Isopropyl Acetate	8.13	43	43644	8.331	ug/l	100
79) 2-Chlorotoluene	12.65	91	41437	5.723	ug/l	97
82) 4-Chlorotoluene	12.75	91	33361	4.456	ug/l	97

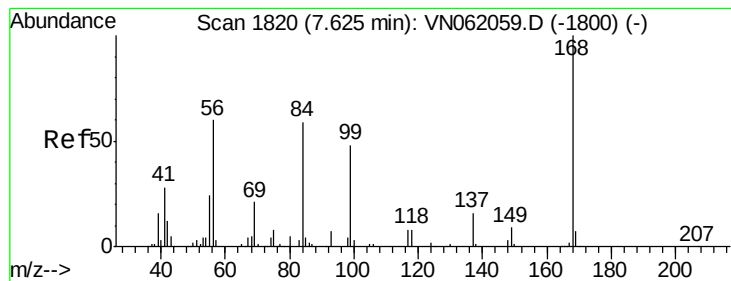
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062264.D

Acq: 1 Jul 2020 2:18

Instrument :

MSVOA_N

ClientSampleId :

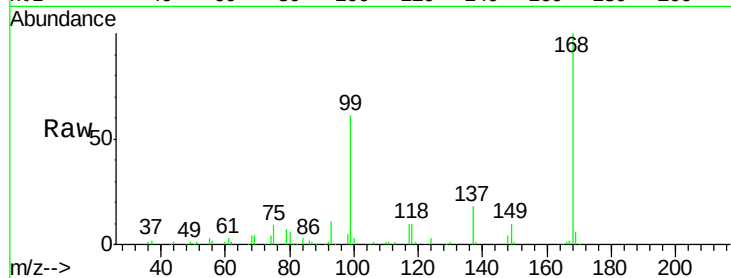
EPEC-POLYMERS-03

Tot Ion:168 Resp: 189196

Ion Ratio Lower Upper

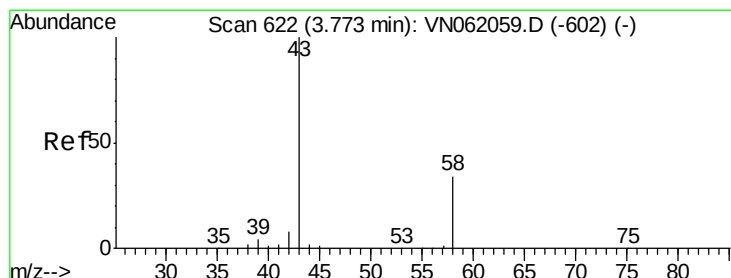
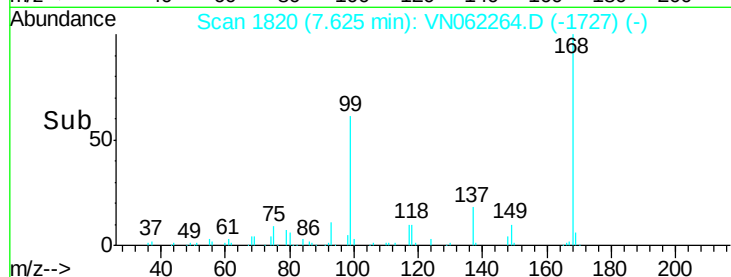
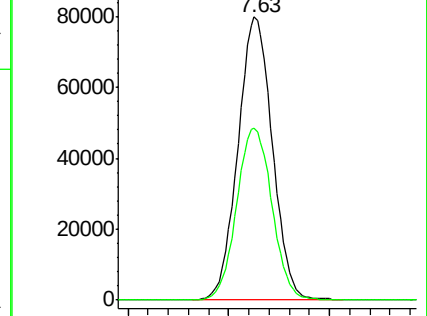
168 100

99 61.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 36.648 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062264.D

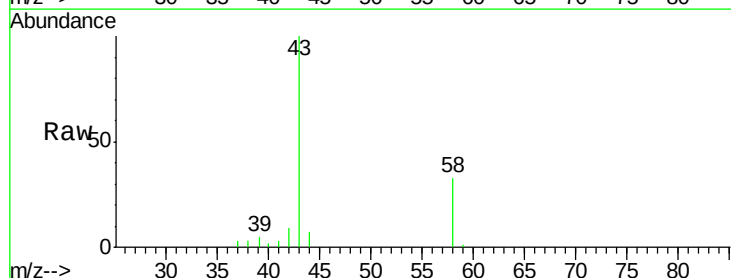
Acq: 1 Jul 2020 2:18

Tgt Ion: 43 Resp: 33423

Ion Ratio Lower Upper

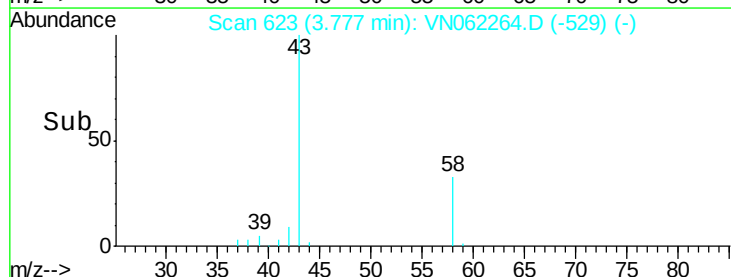
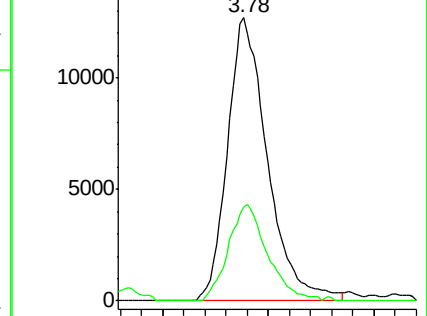
43 100

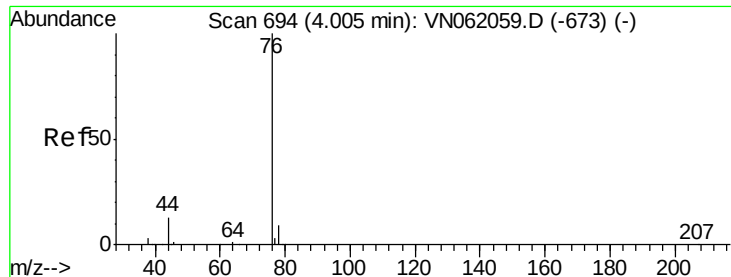
58 33.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 1.572 ug/l

RT: 4.01 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN062264.D

Acq: 1 Jul 2020 2:18

Instrument :

MSVOA_N

ClientSampleId :

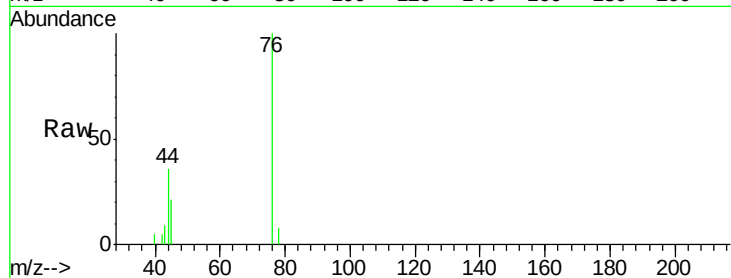
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Tot Ion: 76 Resp: 9474

Ion Ratio Lower Upper

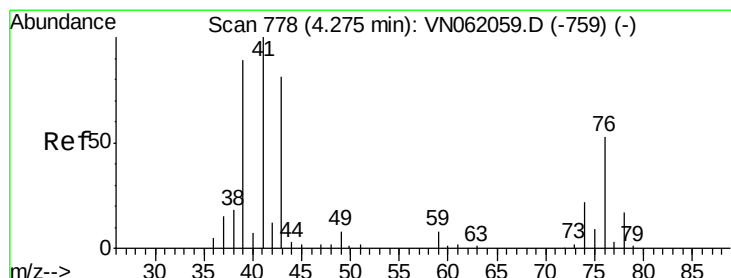
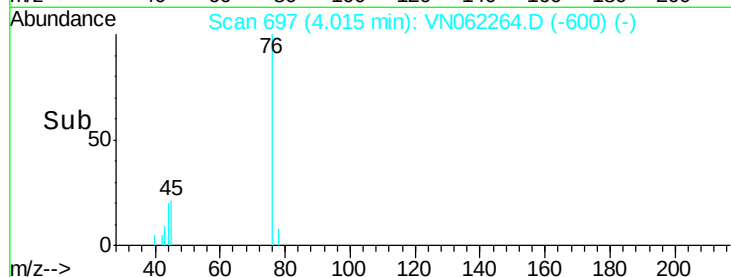
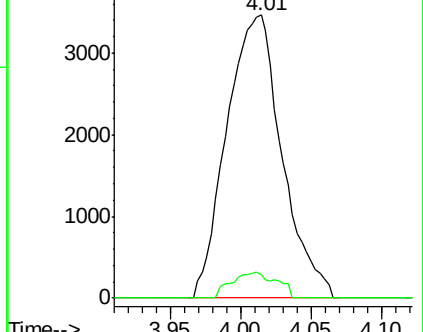
76 100

78 8.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062264.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062264.D (-600) (-)



#18

Methyl Acetate

Concen: 1.636 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062264.D

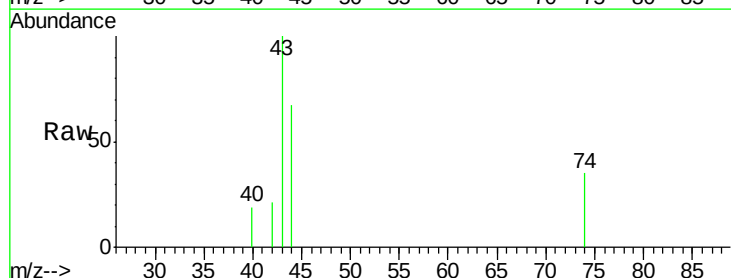
Acq: 1 Jul 2020 2:18

Tgt Ion: 43 Resp: 3453

Ion Ratio Lower Upper

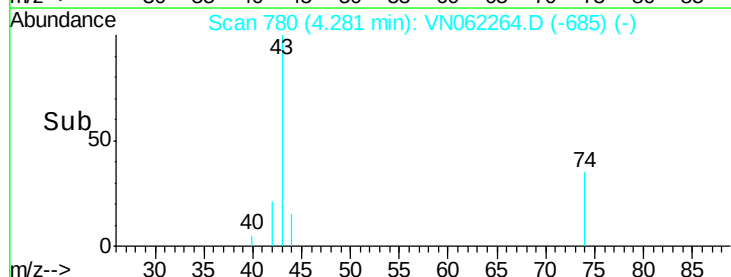
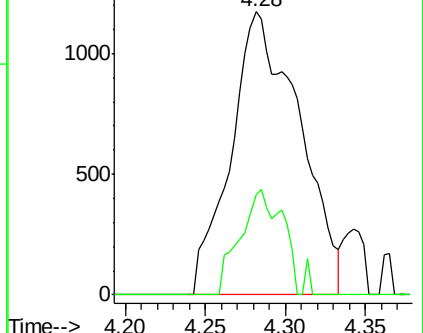
43 100

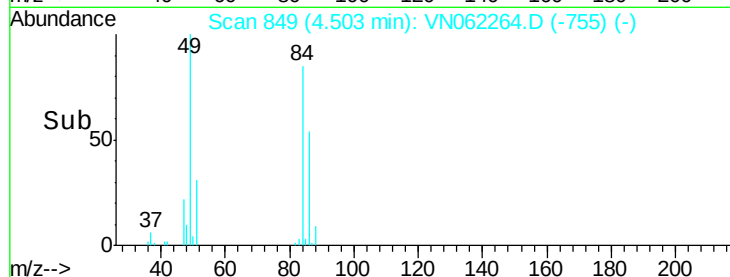
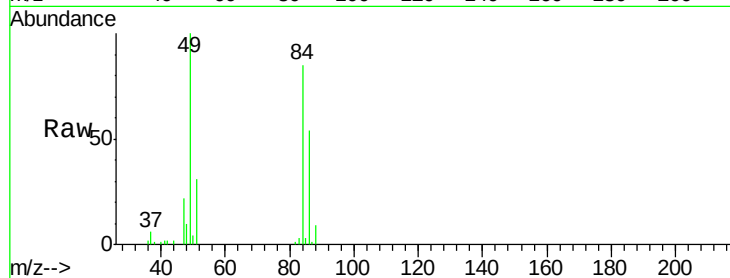
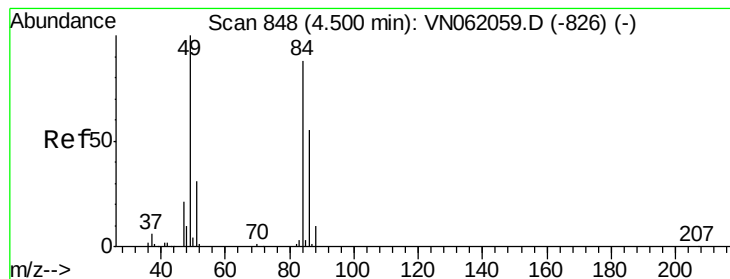
74 22.8 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VN062264.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062264.D (-685) (-)





#20

Methylene Chloride

Concen: 25.810 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062264.D

Acq: 1 Jul 2020 2:18

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-03

Tot Ion: 84 Resp: 63164

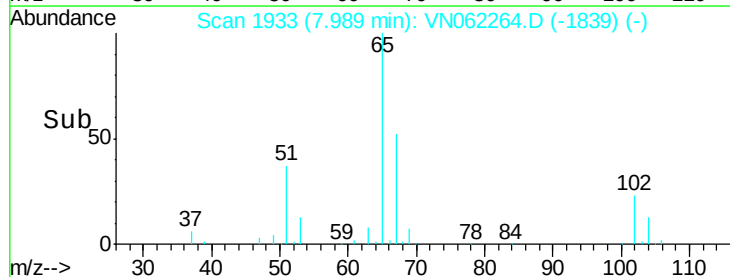
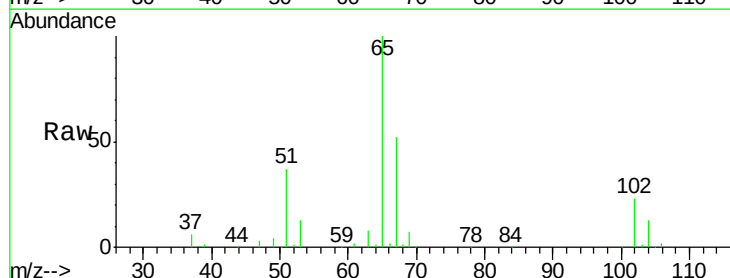
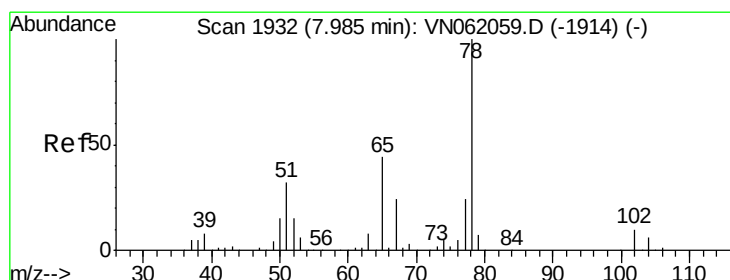
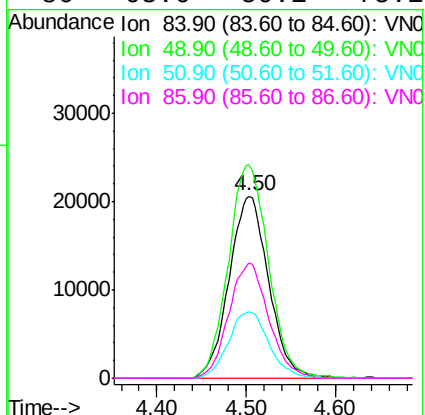
Ion Ratio Lower Upper

84 100

49 117.4 90.6 136.0

51 36.3 27.8 41.8

86 63.6 50.1 75.1



#33

1,2-Dichloroethane-d4

Concen: 57.360 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062264.D

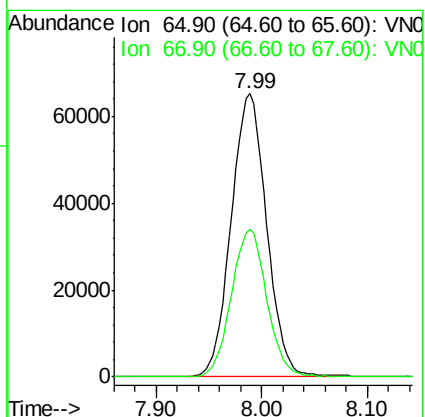
Acq: 1 Jul 2020 2:18

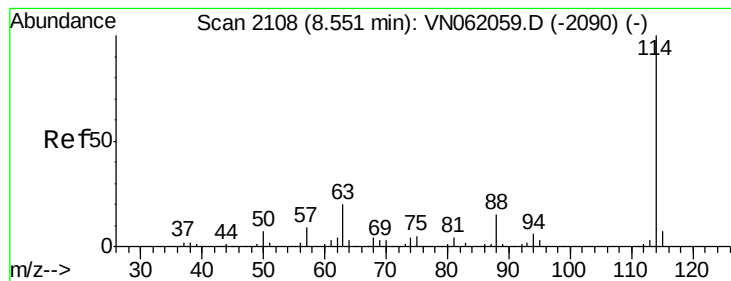
Tgt Ion: 65 Resp: 152293

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062264.D

Acq: 1 Jul 2020 2:18

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-03

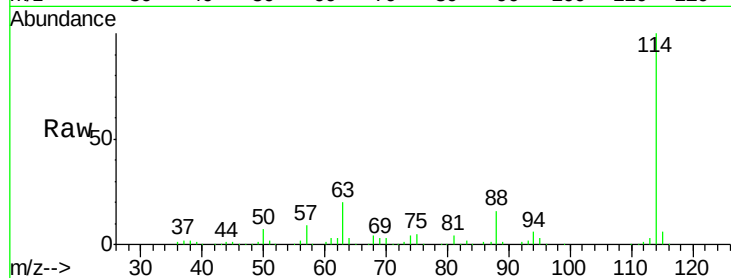
Tot Ion:114 Resp: 386094

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.9 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

8.55

250000

200000

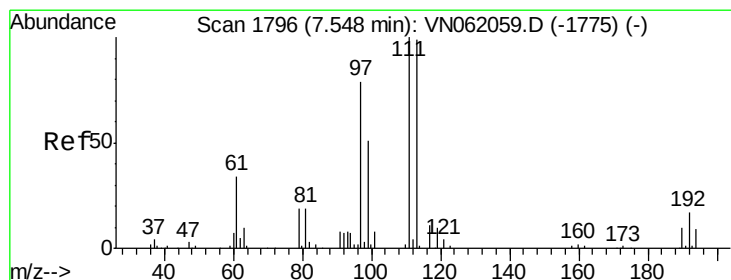
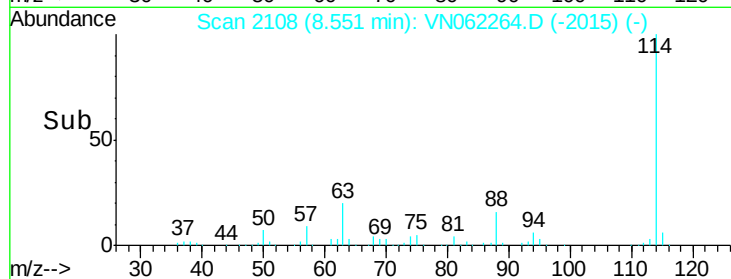
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 49.738 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062264.D

Acq: 1 Jul 2020 2:18

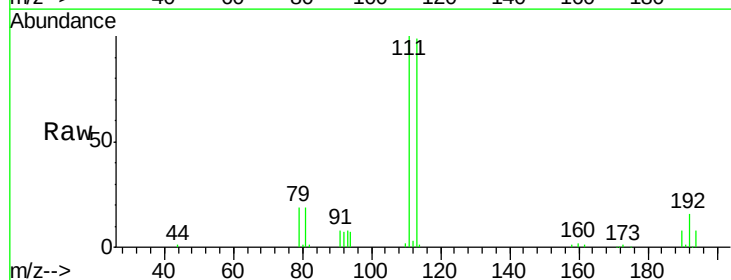
Tgt Ion:113 Resp: 123200

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 16.9 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

7.55

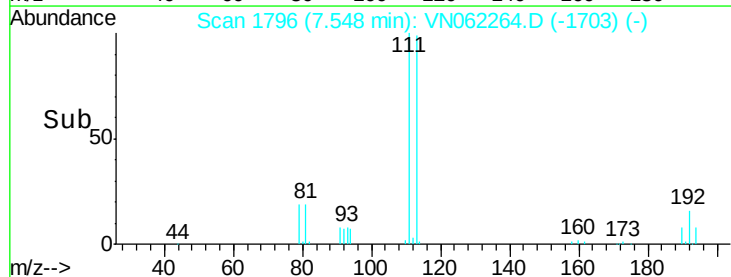
60000

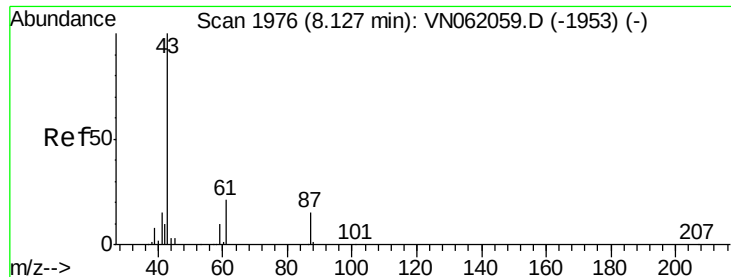
40000

20000

0

Time-->

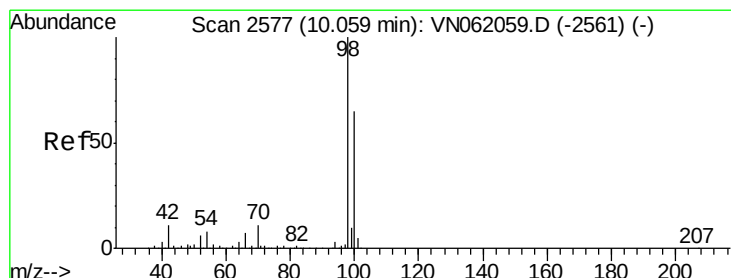
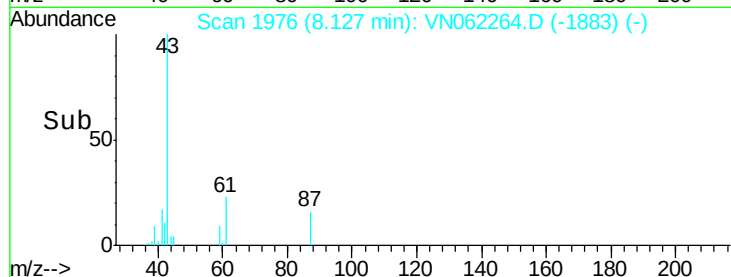
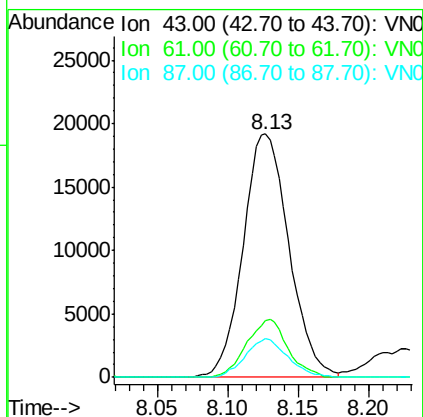
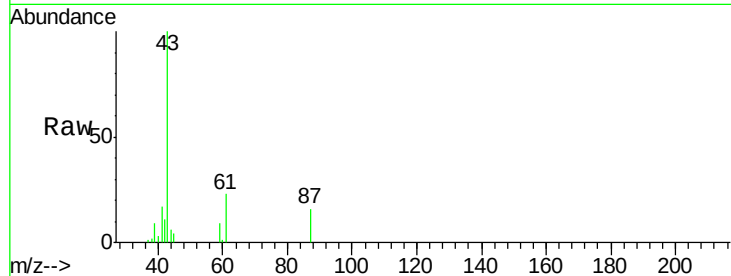




#43
Isopropyl Acetate
Concen: 8.331 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062264.D
Acq: 1 Jul 2020 2:18

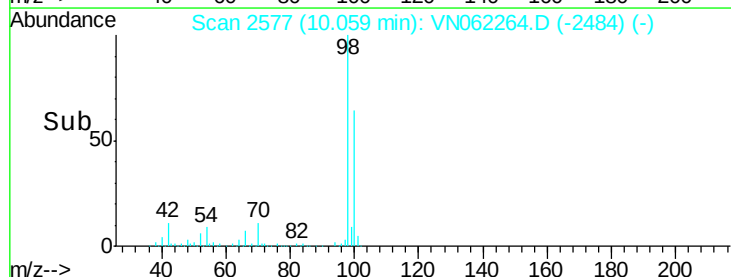
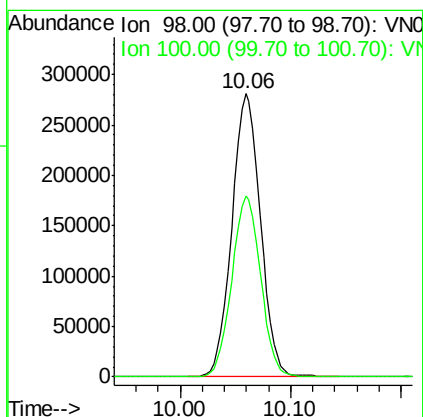
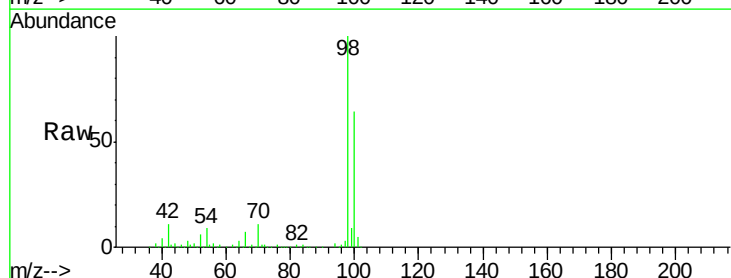
Instrument :
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EPEC-POLYMERS-03

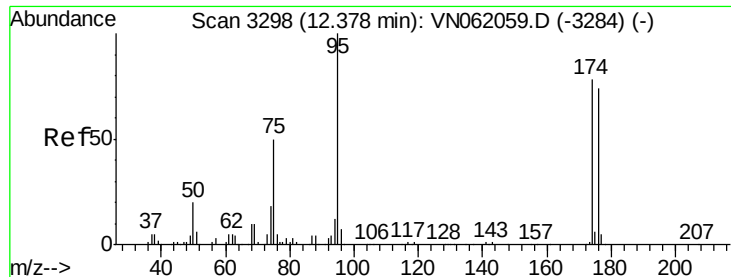
Tot Ion: 43 Resp: 43644
Ion Ratio Lower Upper
43 100
61 21.4 17.2 25.8
87 14.8 12.1 18.1



#50
Toluene-d8
Concen: 51.065 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062264.D
Acq: 1 Jul 2020 2:18

Tgt Ion: 98 Resp: 505612
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8

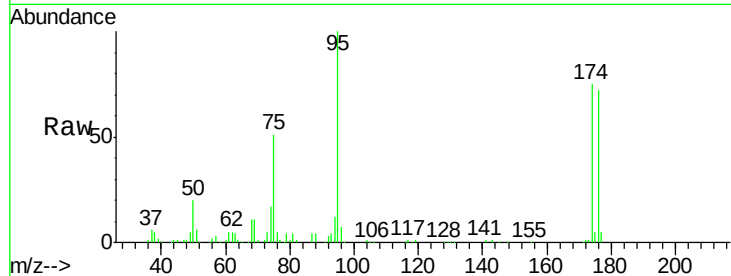




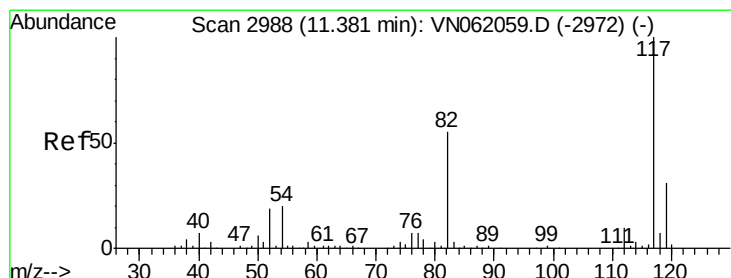
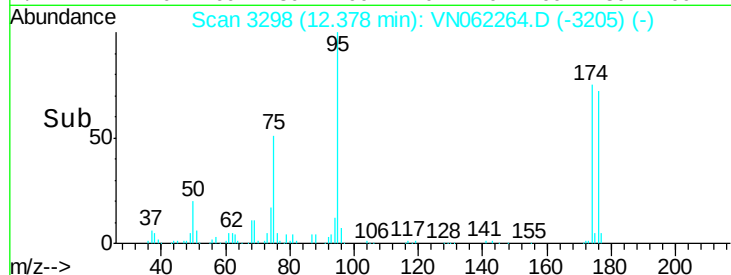
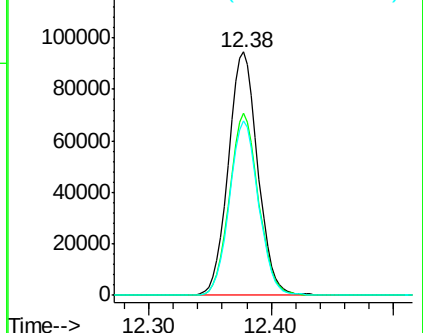
#62
4-Bromofluorobenzene
Concen: 47.657 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062264.D
Acq: 1 Jul 2020 2:18

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-03

Tot Ion: 95 Resp: 159424
Ion Ratio Lower Upper
95 100
174 73.5 0.0 154.8
176 70.7 0.0 147.4

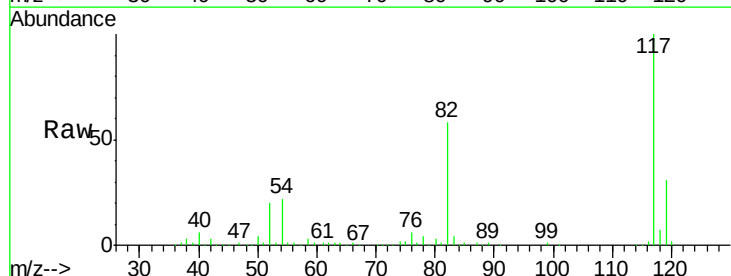


Abundance Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN062059.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN062059.D (-3284) (-)

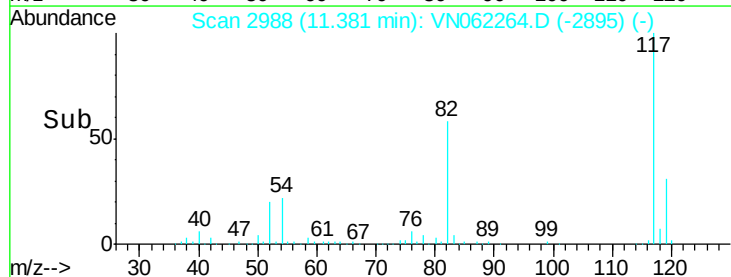
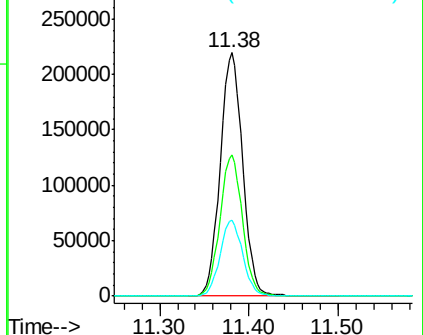


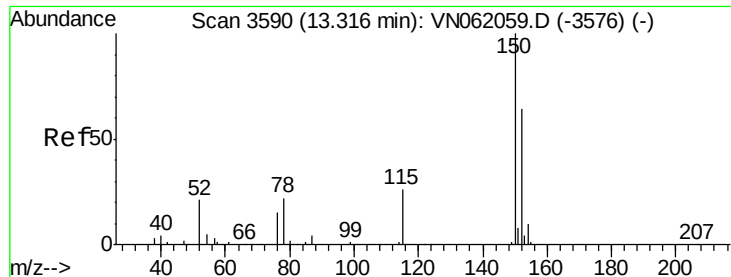
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062264.D
Acq: 1 Jul 2020 2:18

Tgt Ion: 117 Resp: 382974
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.2 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN062059.D (-2972) (-)
Ion 82.00 (81.70 to 82.70): VN062059.D (-2972) (-)
Ion 118.90 (118.60 to 119.60): VN062059.D (-2972) (-)

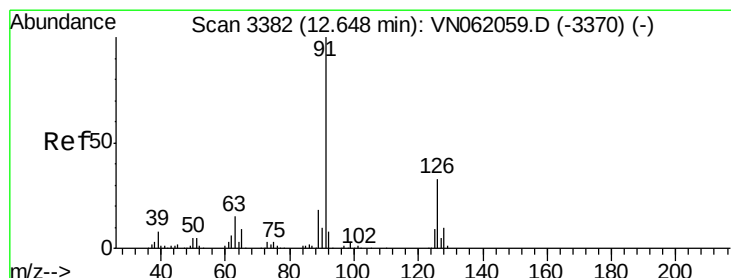
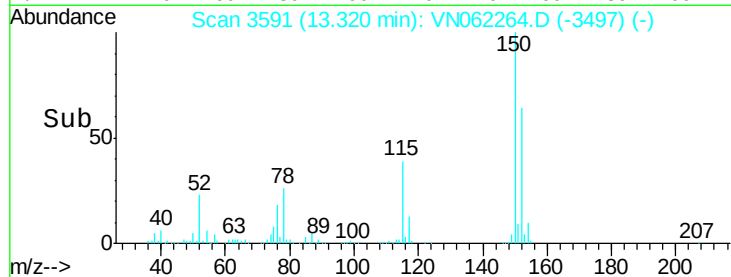
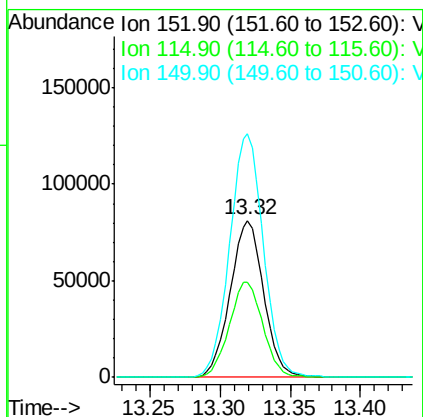
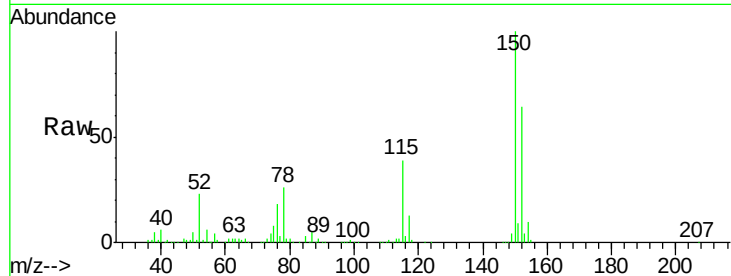




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN062264.D
 Acq: 1 Jul 2020 2:18

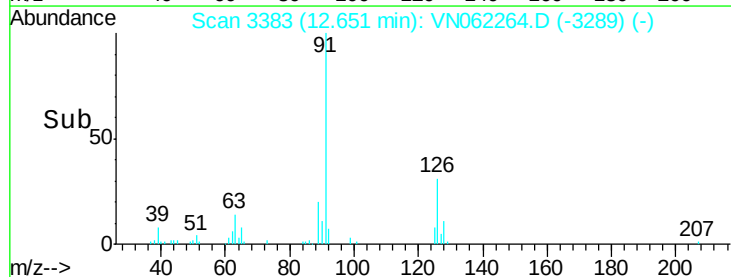
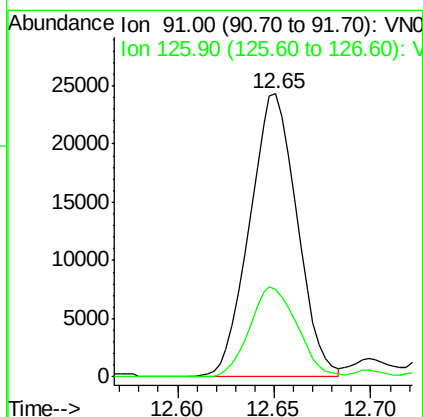
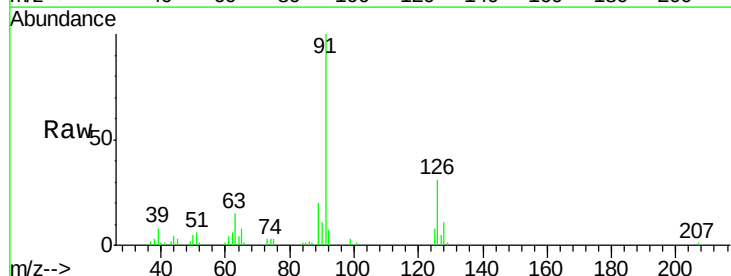
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-03

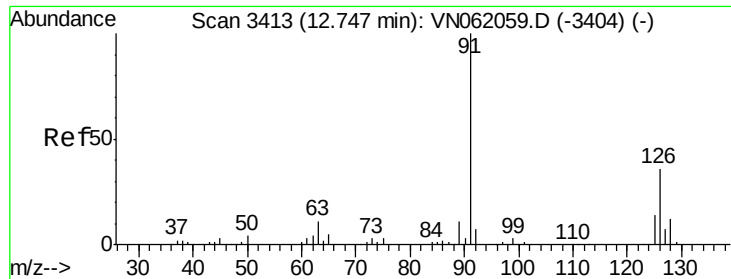
Tot Ion:152 Resp: 135258
 Ion Ratio Lower Upper
 152 100
 115 61.0 29.5 88.5
 150 156.4 0.0 351.4



#79
 2-Chlorotoluene
 Concen: 5.723 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062264.D
 Acq: 1 Jul 2020 2:18

Tgt Ion: 91 Resp: 41437
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.9 50.7





#82
 4-Chlorotoluene
 Concen: 4.456 ug/l
 RT: 12.75 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: VN062264.D
 Acq: 1 Jul 2020 2:18

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-03

Tot Ion: 91 Resp: 33361
 Ion Ratio Lower Upper
 91 100
 126 35.1 16.7 50.1

