

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062236.D
 Acq On : 30 Jun 2020 13:49
 Operator : JC/MD
 Sample : L3148-05 20X
 Misc : 4.96g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

Quant Time: Jul 01 03:34:20 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	7.62	168	191082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	372662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	381654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190573	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	148067	55.22	ug/l	0.00
Spiked Amount			Recovery	=	110.44%	
35) Dibromofluoromethane	7.55	113	122514	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
50) Toluene-d8	10.06	98	498593	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.38	95	185182	57.35	ug/l	0.00
Spiked Amount			Recovery	=	114.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	134	Below Cal	#	41
11) Tert butyl alcohol	4.67	59	175	0.455	ug/l #	72
16) Acetone	3.79	43	659	Below Cal		96
17) Carbon Disulfide	4.01	76	3275	0.571	ug/l #	84
18) Methyl Acetate	4.29	43	1513	0.710	ug/l #	81
20) Methylene Chloride	4.51	84	2298	0.720	ug/l #	69
25) 2-Butanone	6.79	43	307	0.234	ug/l #	44
31) Cyclohexane	7.63	56	4928	1.330	ug/l #	28
36) 1,1-Dichloropropene	7.62	75	16369	4.370	ug/l #	45
38) Carbon Tetrachloride	7.63	117	19980	5.658	ug/l #	17
39) Methylcyclohexane	9.04	83	4197	1.023	ug/l	95
40) Benzene	8.00	78	3638	0.319	ug/l #	80
45) 1,2-Dichloropropane	9.15	63	2900	1.030	ug/l #	43
48) Methyl methacrylate	9.24	41	916	0.404	ug/l #	53
49) 1,4-Dioxane	9.15	88	926	18.418	ug/l #	28
52) Toluene	10.12	92	414050	59.437	ug/l	99
53) t-1,3-Dichloropropene	10.12	75	4779	1.127	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	6303	2.302	ug/l #	20
56) Ethyl methacrylate	10.40	69	3560	0.974	ug/l #	1
60) Dibromochloromethane	10.60	129	1579	0.545	ug/l #	10
64) Tetrachloroethene	10.60	164	1717	0.659	ug/l #	79
65) Chlorobenzene	11.40	112	62122	7.412	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.36	131	1175	0.405	ug/l #	1
67) Ethyl Benzene	11.48	91	46341	3.274	ug/l	100
68) m/p-Xylenes	11.59	106	91666	16.743	ug/l	97
69) o-Xylene	11.92	106	257517	49.853	ug/l	95
70) Styrene	11.92	104	13923	1.616	ug/l #	1
71) Bromoform	12.38	173	1763	0.856	ug/l #	1
73) Isopropylbenzene	12.22	105	8724	0.591	ug/l	93
74) N-amyl acetate	12.06	43	114	3.363	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.48	83	1209	0.246	ug/l #	25
76) 1,2,3-Trichloropropane	12.65	75	976587	217.685	ug/l #	100
78) n-propylbenzene	12.65	91	10465242	620.199	ug/l #	53
79) 2-Chlorotoluene	12.65	91	10465242	1025.894	ug/l #	47

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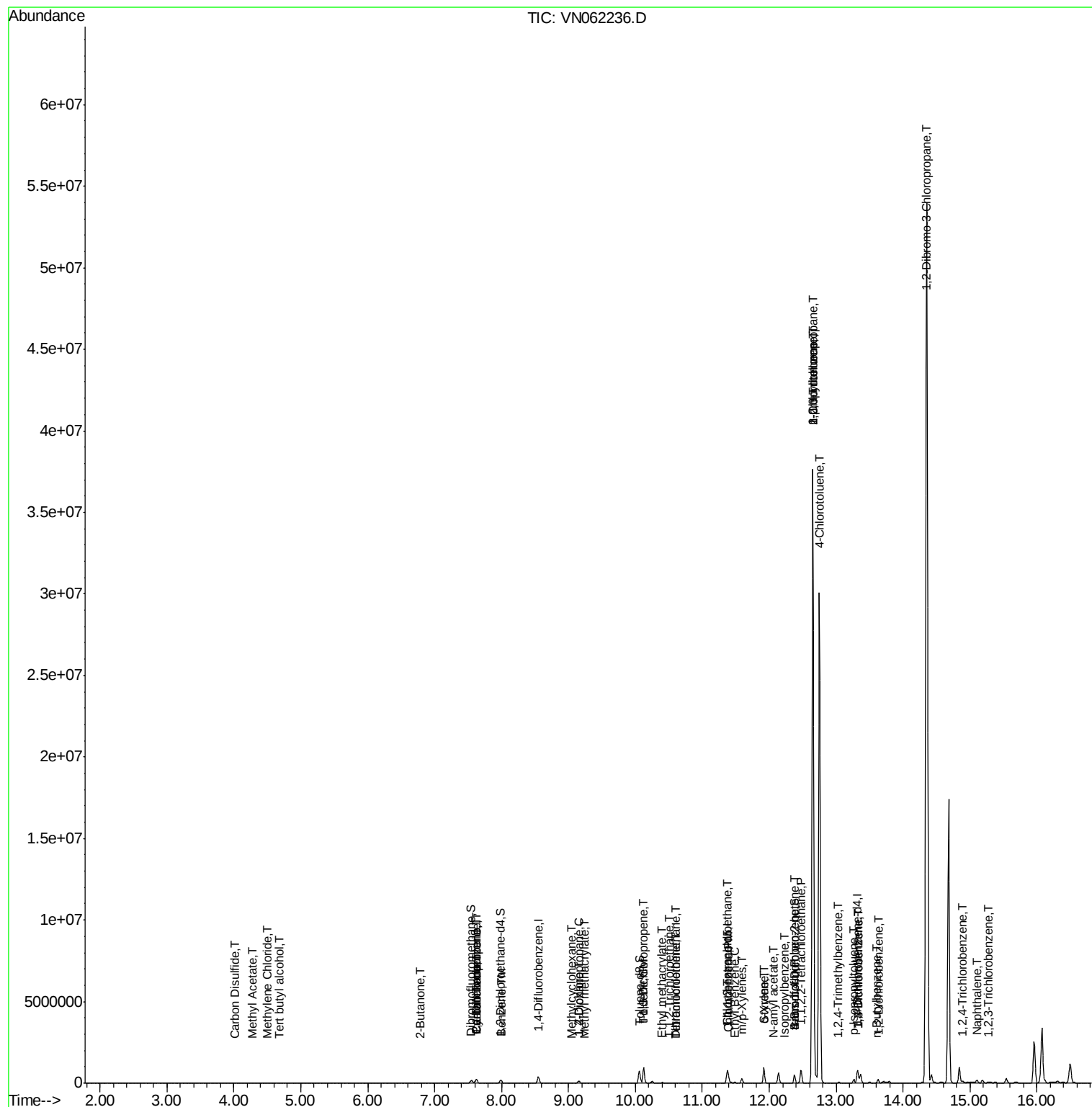
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.38	75	95838	62.387	ug/l #	13
82) 4-Chlorotoluene	12.75	91	9662949	916.008	ug/l #	50
84) 1,2,4-Trimethylbenzene	13.02	105	3938	0.330	ug/l	88
86) p-Isopropyltoluene	13.26	119	127137	10.731	ug/l	97
87) 1,3-Dichlorobenzene	13.34	146	96414	14.992	ug/l	93
88) 1,4-Dichlorobenzene	13.34	146	96414	14.544	ug/l	93
89) n-Butylbenzene	13.59	91	13892	1.410	ug/l #	50
91) 1,2-Dichlorobenzene	13.63	146	84719	13.585	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.35	75	2109521	2682.482	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.88	180	12693	4.659	ug/l	96
95) Naphthalene	15.10	128	136226	17.793	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	4354	1.563	ug/l #	80

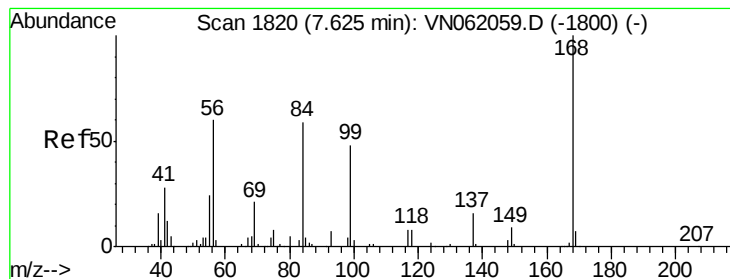
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L3148-05 20X
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

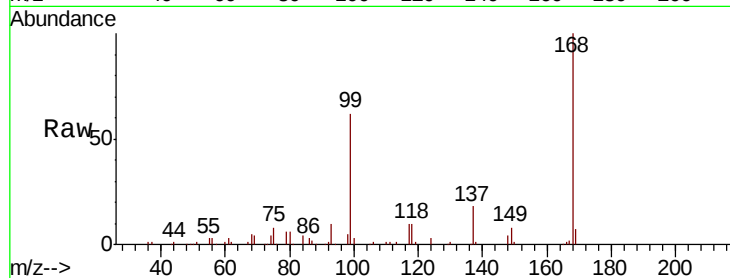
EPEC-POLYMERS-05

Tot Ion:168 Resp: 191082

Ion Ratio Lower Upper

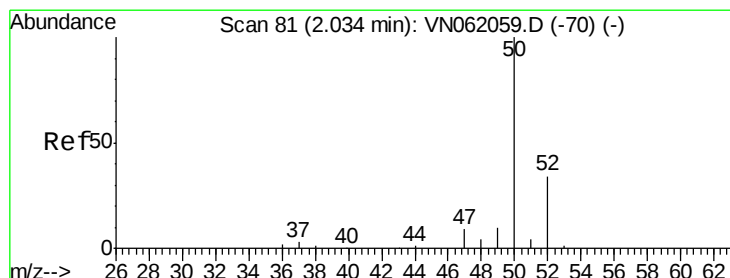
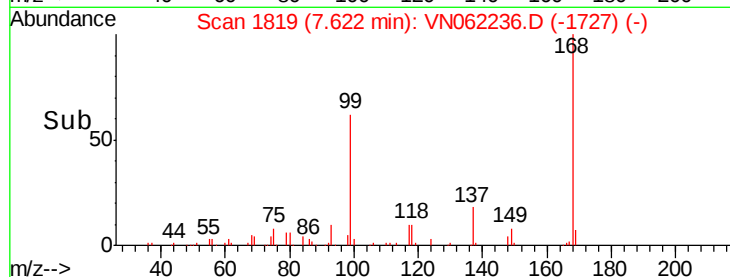
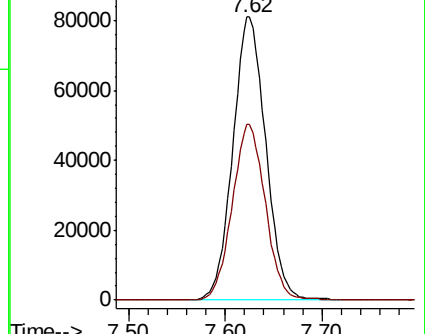
168 100

99 62.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 79

Delta R.T. -0.01 min

Lab File: VN062236.D

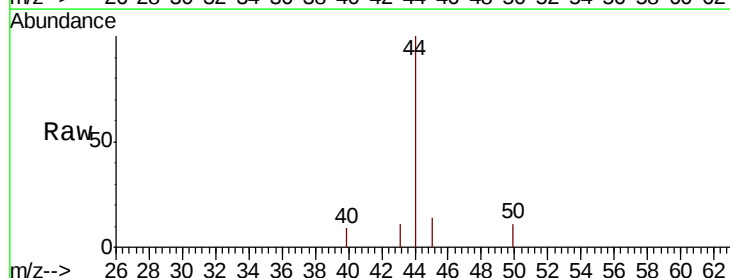
Acq: 30 Jun 2020 13:49

Tgt Ion: 50 Resp: 134

Ion Ratio Lower Upper

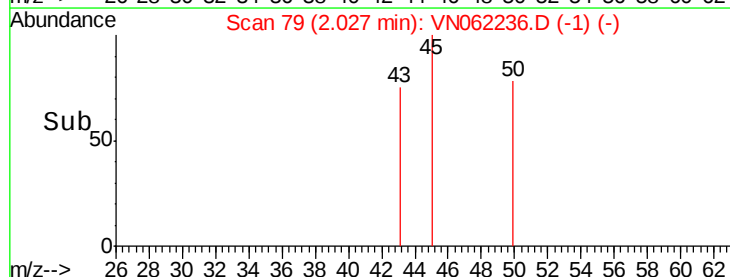
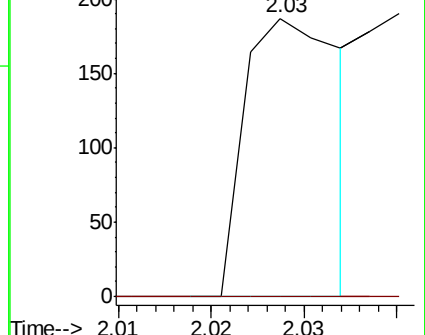
50 100

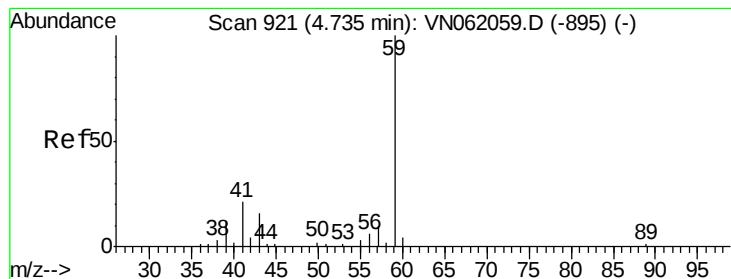
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN



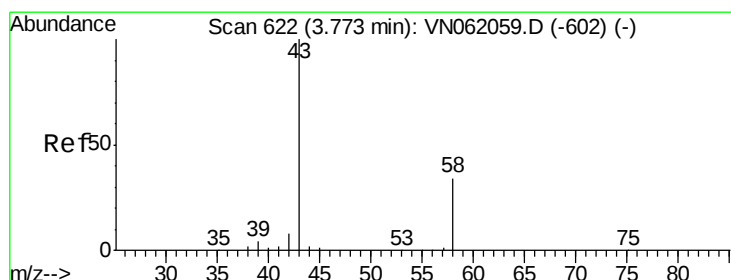
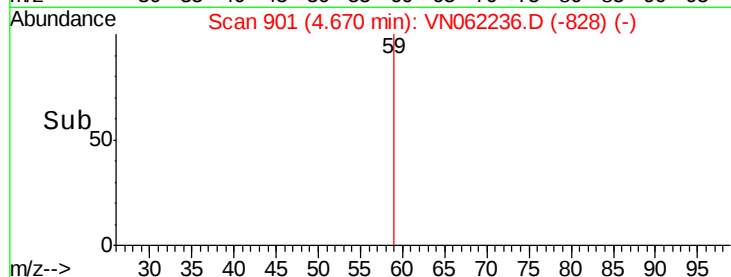
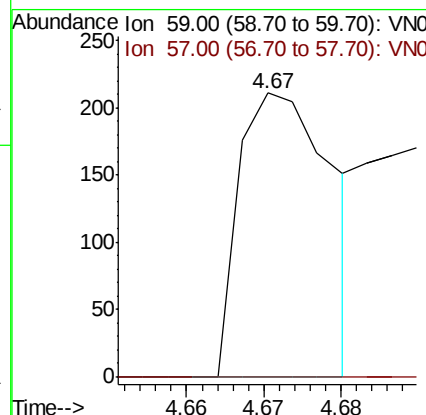
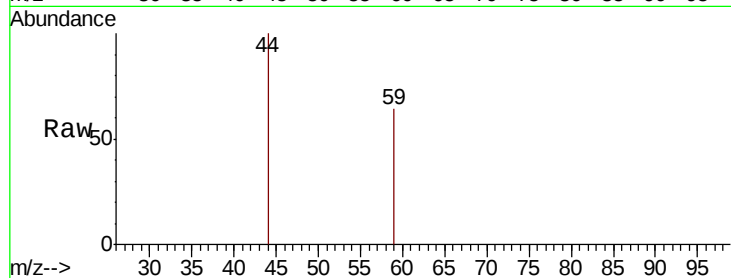


#11

Tert butyl alcohol
 Concen: 0.455 ug/l
 RT: 4.67 min Scan# 901
 Delta R.T. -0.06 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

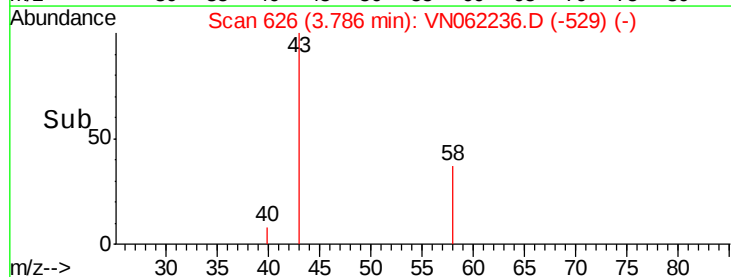
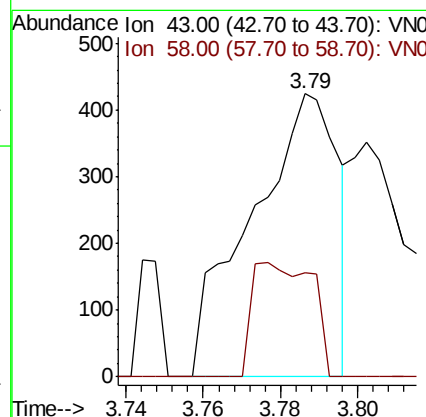
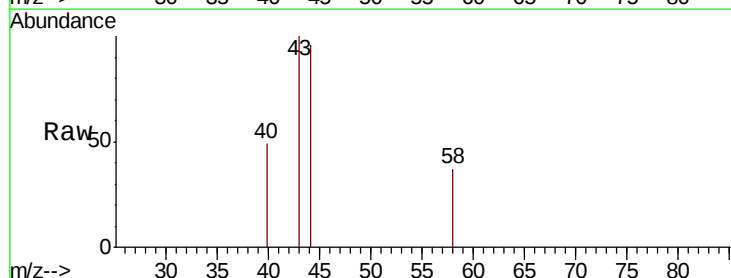
Tot Ion: 59 Resp: 175
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

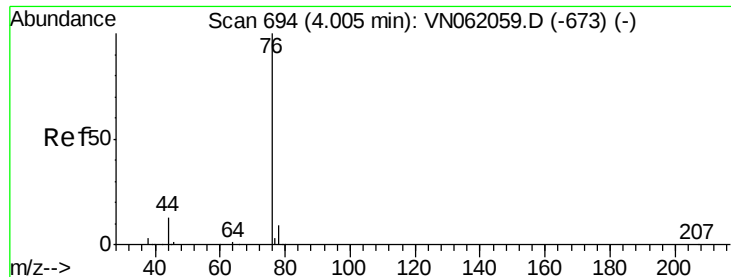


#16

Acetone
 Concen: Below Cal
 RT: 3.79 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion: 43 Resp: 659
 Ion Ratio Lower Upper
 43 100
 58 36.6 27.5 41.3





#17

Carbon Disulfide

Concen: 0.571 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

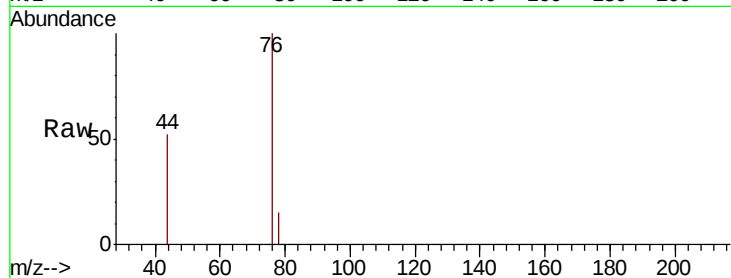
EPEC-POLYMERS-05

Tot Ion: 76 Resp: 3275

Ion Ratio Lower Upper

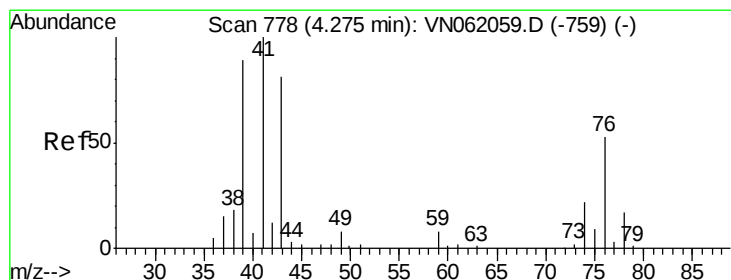
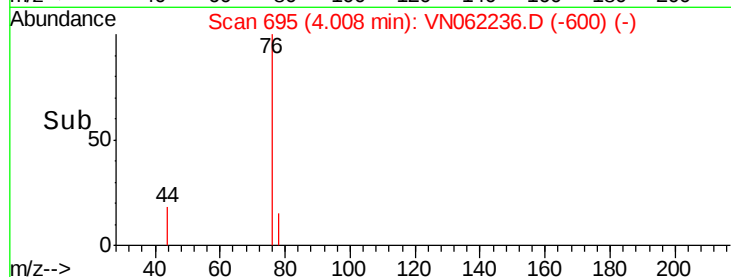
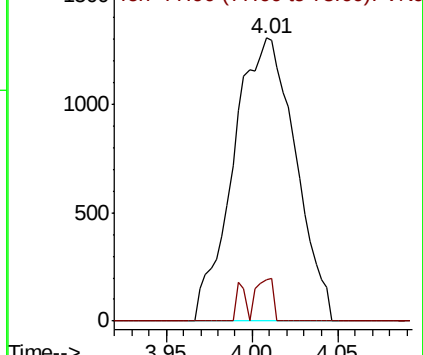
76 100

78 14.9 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) (-)



#18

Methyl Acetate

Concen: 0.710 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.02 min

Lab File: VN062236.D

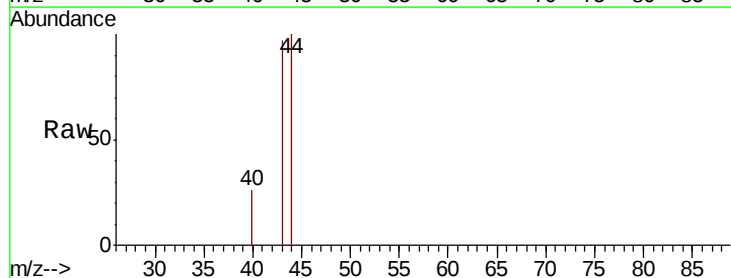
Acq: 30 Jun 2020 13:49

Tgt Ion: 43 Resp: 1513

Ion Ratio Lower Upper

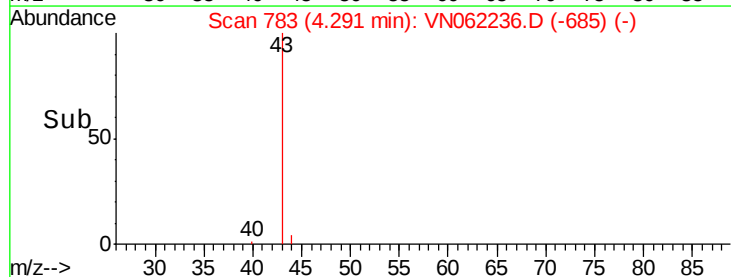
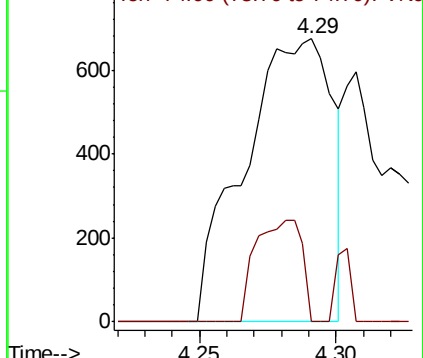
43 100

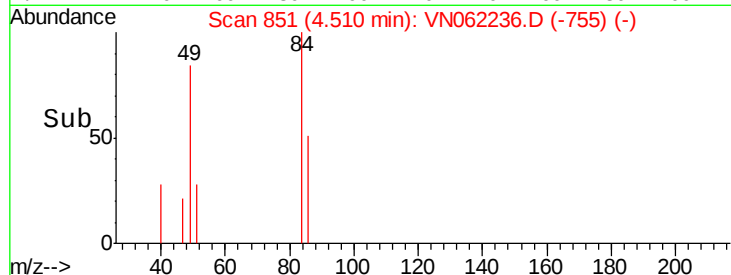
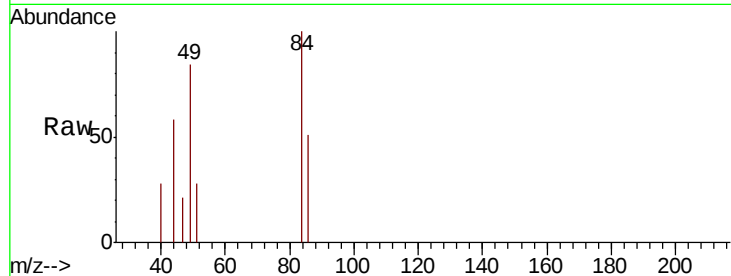
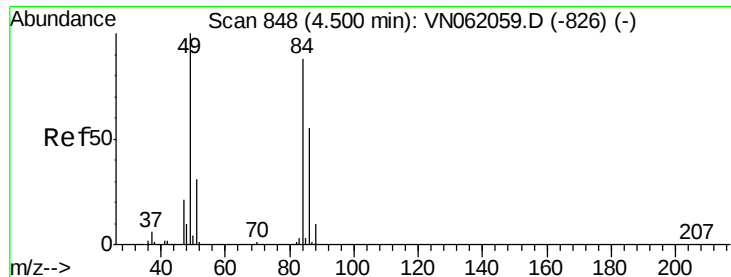
74 18.8 22.9 34.3#



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

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

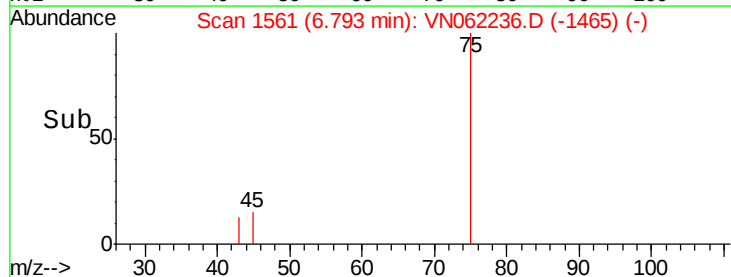
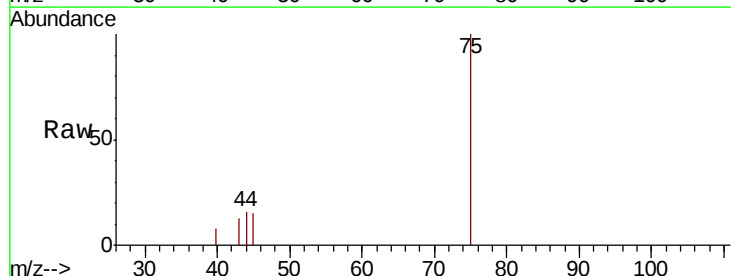
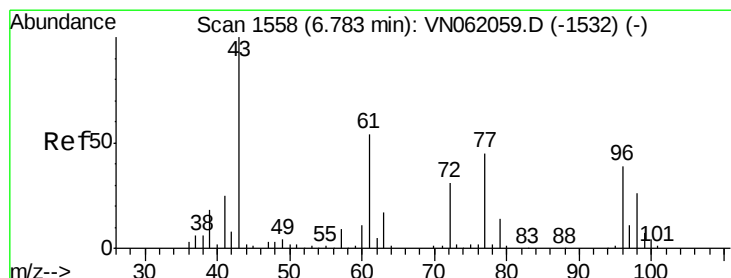
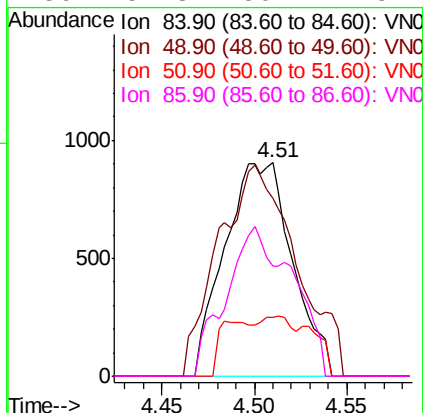




#20
Methvlene Chloride
Concen: 0.720 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

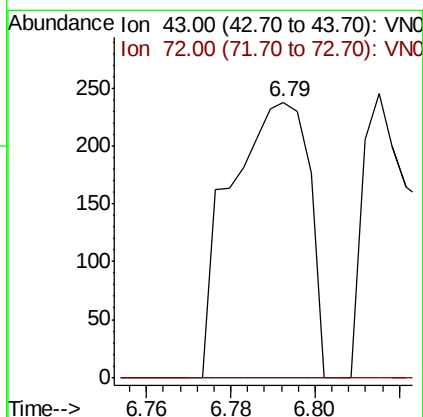
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

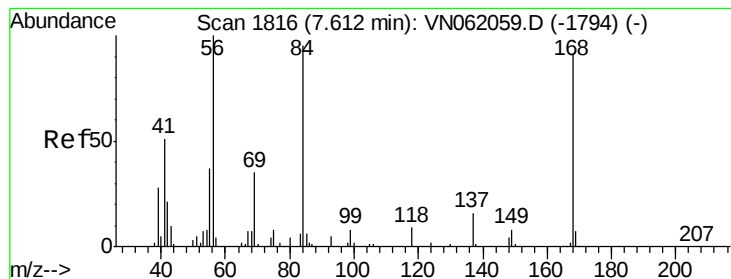
Tot Ion:	84	Resp:	2298
Ion	Ratio	Lower	Upper
84	100		
49	64.8	90.6	136.0#
51	27.8	27.8	41.8#
86	51.3	50.1	75.1



#25
2-Butanone
Concen: 0.234 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion:	43	Resp:	307
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.8	37.2#





#31

Cyclohexane

Concen: 1.330 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

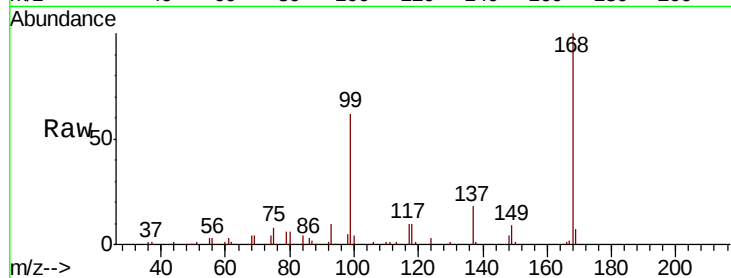
Tot Ion: 56 Resp: 4928

Ion Ratio Lower Upper

56 100

69 127.5 28.0 42.0#

84 133.3 76.1 114.1#

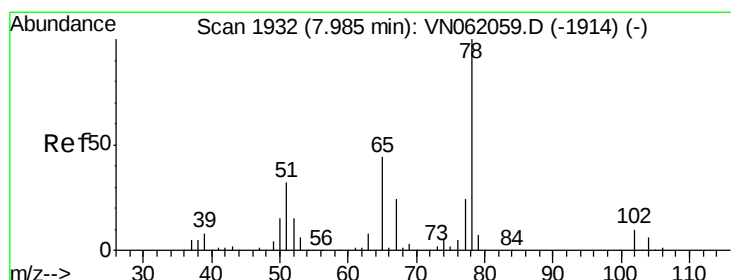
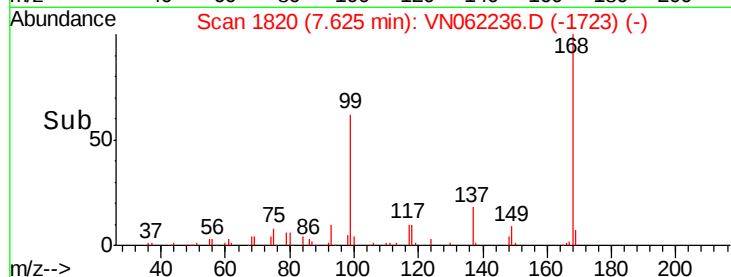
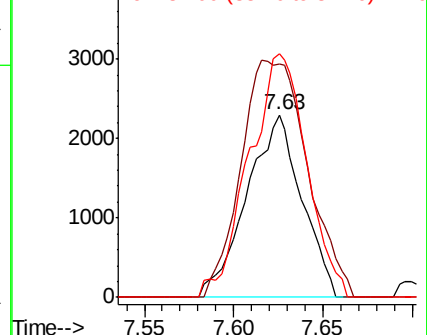


Abundance

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: 55.218 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN062236.D

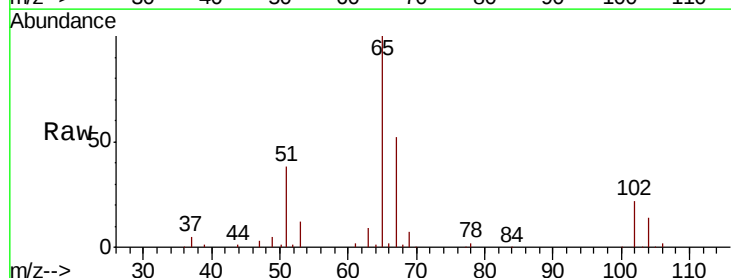
Acq: 30 Jun 2020 13:49

Tgt Ion: 65 Resp: 148067

Ion Ratio Lower Upper

65 100

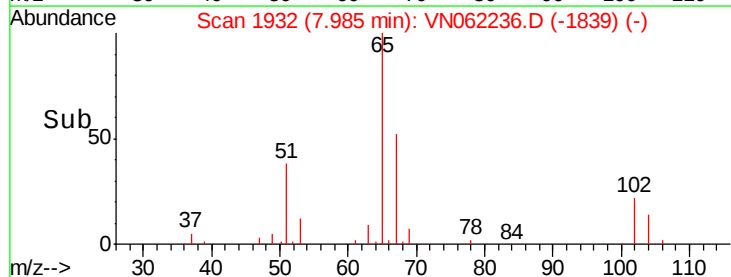
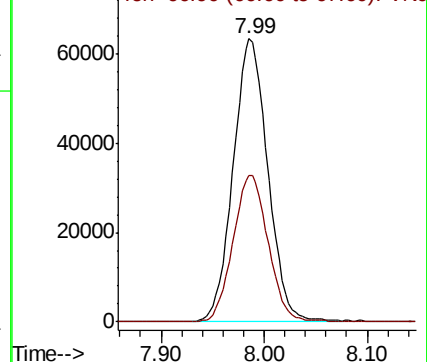
67 52.5 0.0 106.2

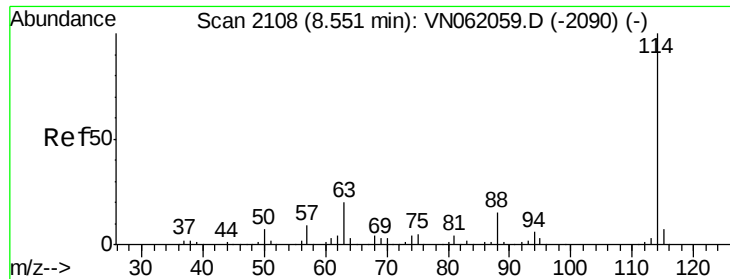


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

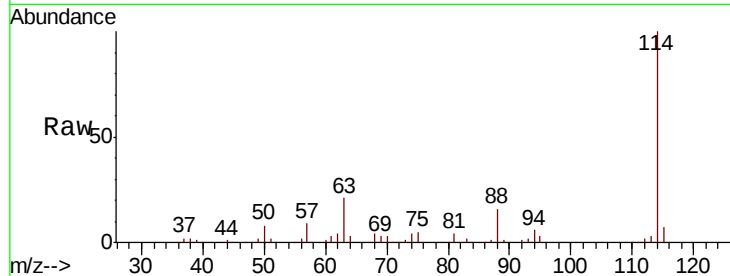




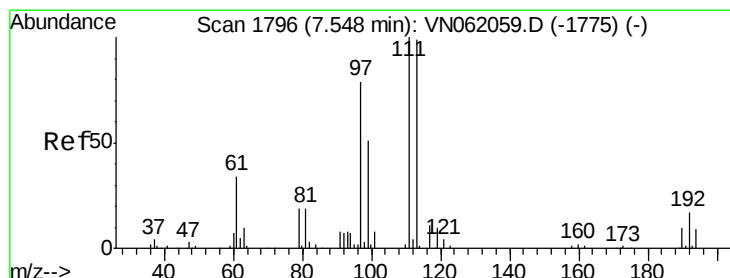
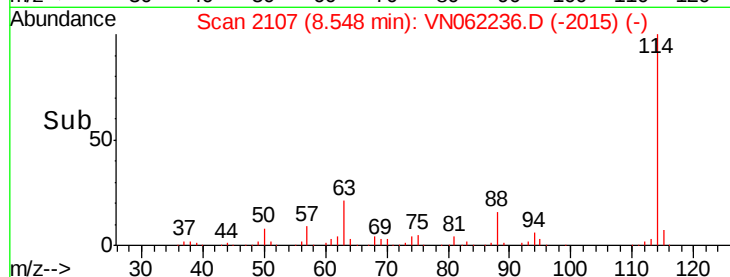
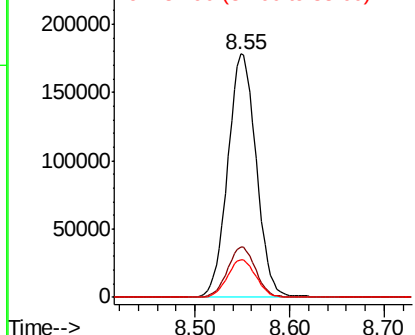
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

Tot Ion:114 Resp: 372662
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 15.6 0.0 30.8

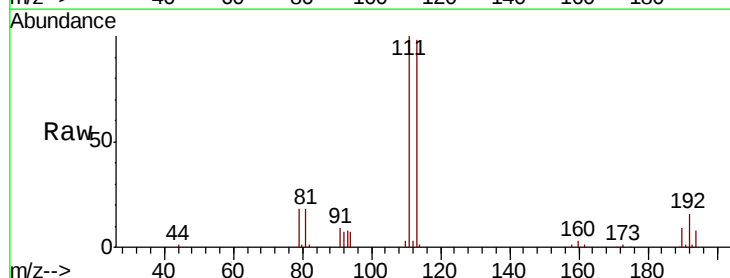


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

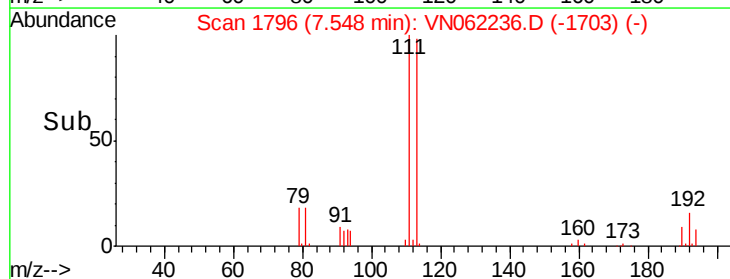
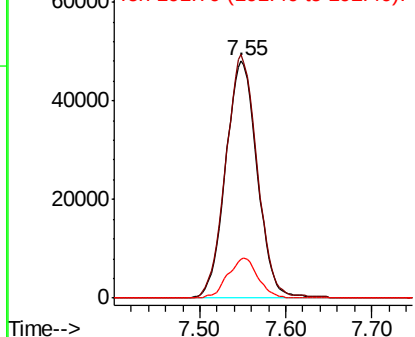


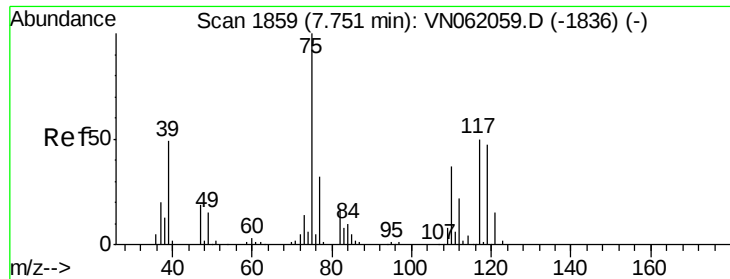
#35
 Dibromofluoromethane
 Concen: 51.244 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion:113 Resp: 122514
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 16.1 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

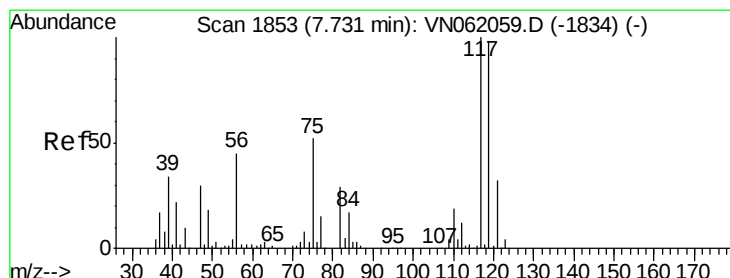
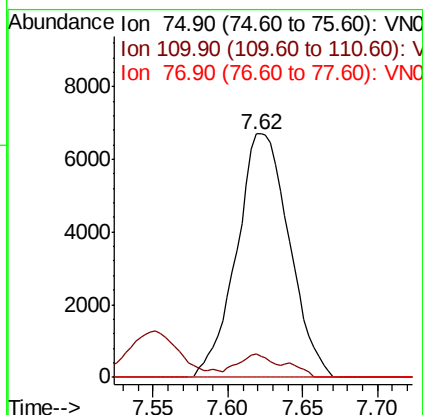
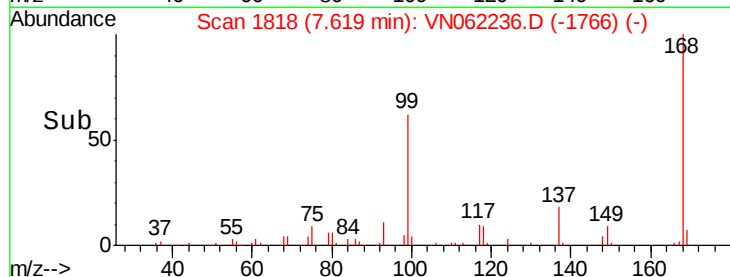
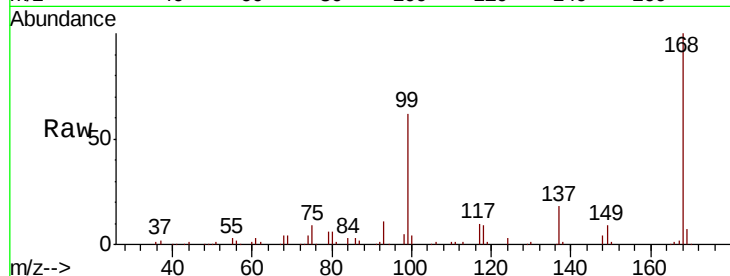




#36
 1,1-Dichloropropene
 Concen: 4.370 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

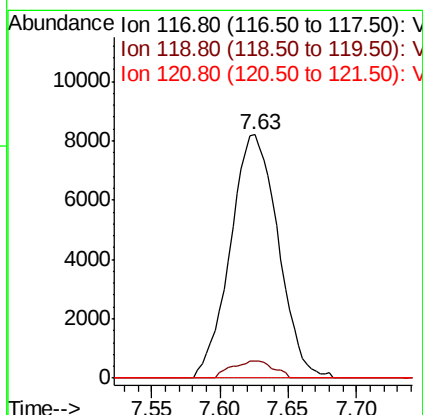
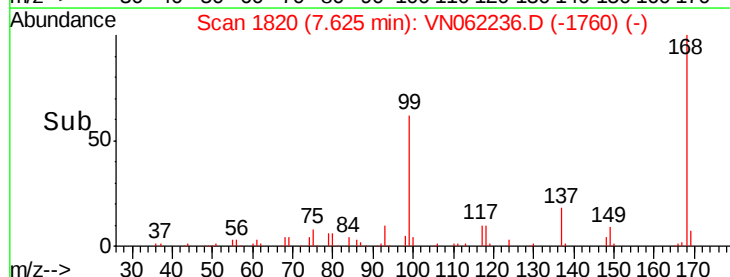
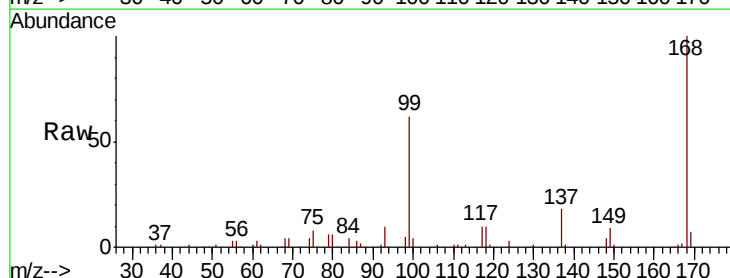
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

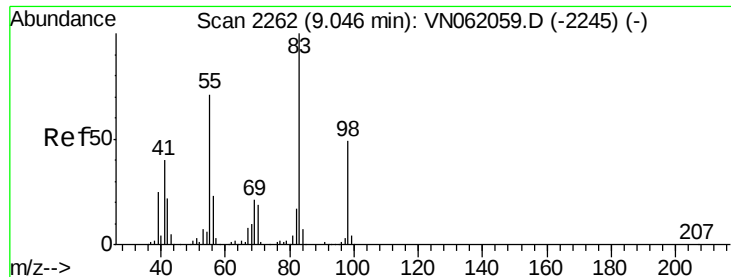
Tot Ion: 75 Resp: 16369
 Ion Ratio Lower Upper
 75 100
 110 4.1 17.9 53.8#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.658 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion: 117 Resp: 19980
 Ion Ratio Lower Upper
 117 100
 119 6.9 78.2 117.2#
 121 0.0 25.8 38.6#

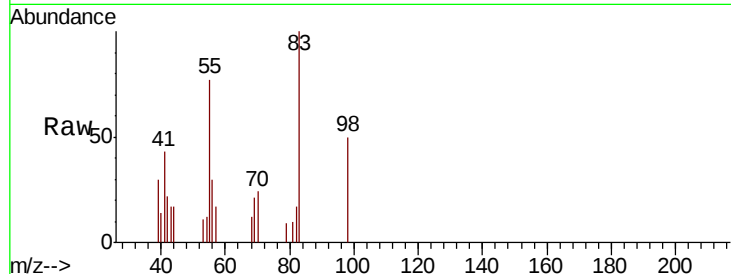




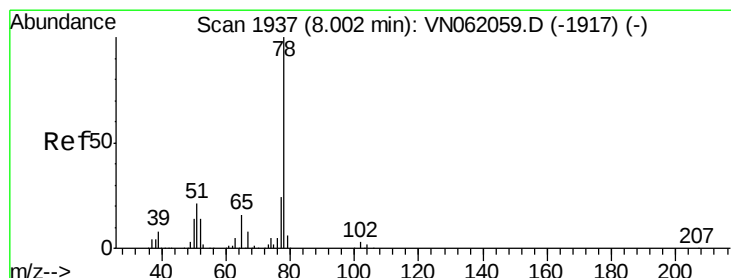
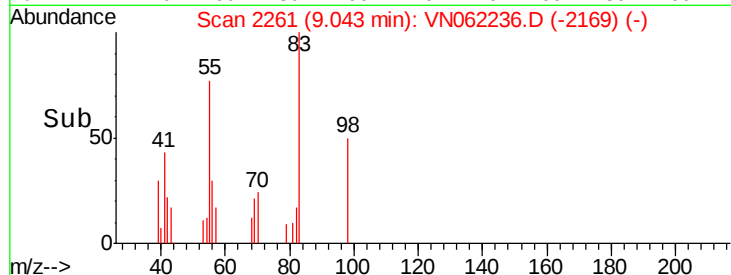
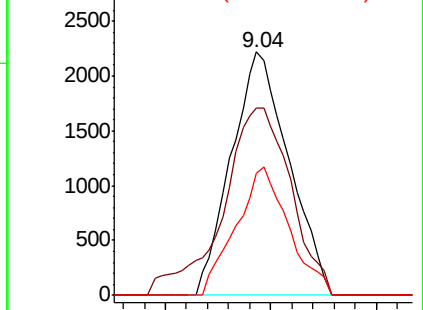
#39
Methvlcvclohexane
Concen: 1.023 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion: 83 Resp: 4197
Ion Ratio Lower Upper
83 100
55 76.9 57.0 85.6
98 50.0 39.0 58.6

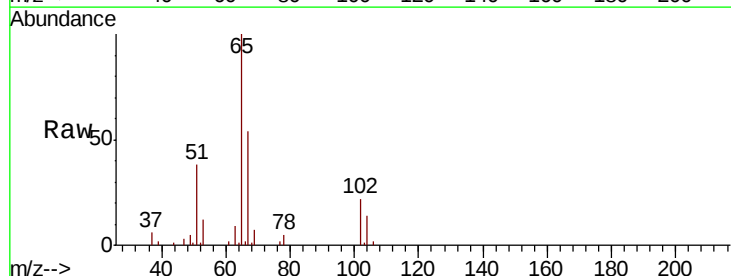


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

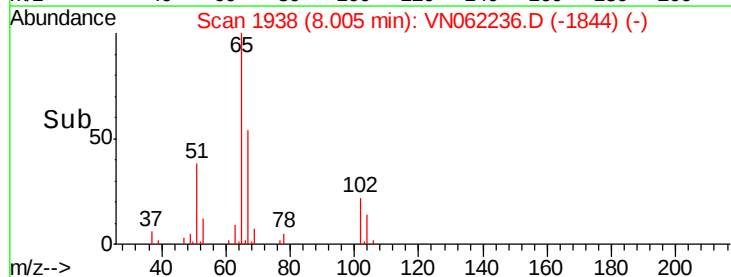
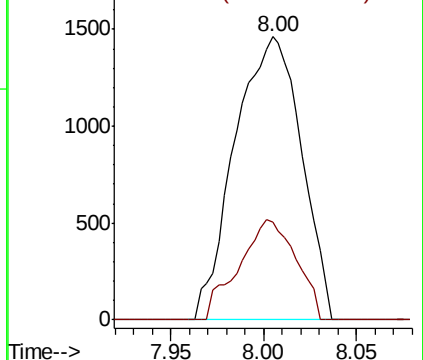


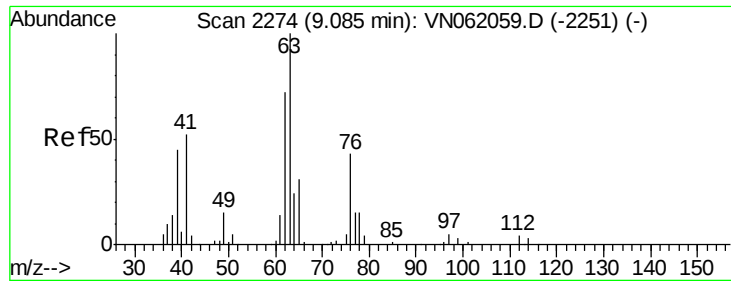
#40
Benzene
Concen: 0.319 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion: 78 Resp: 3638
Ion Ratio Lower Upper
78 100
77 34.5 19.5 29.3#



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

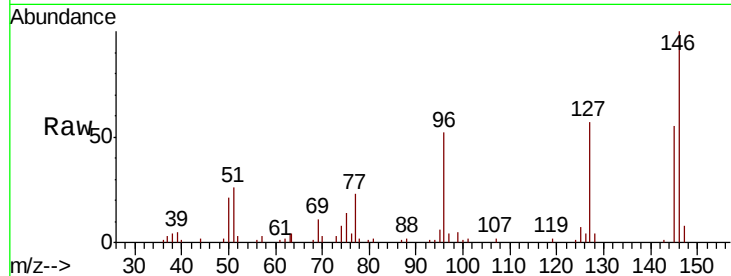




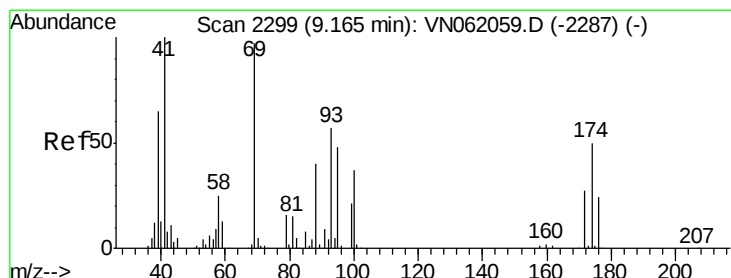
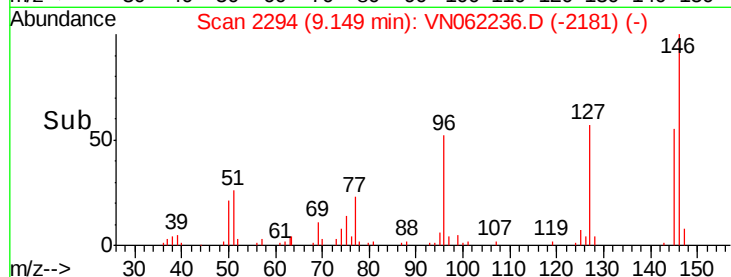
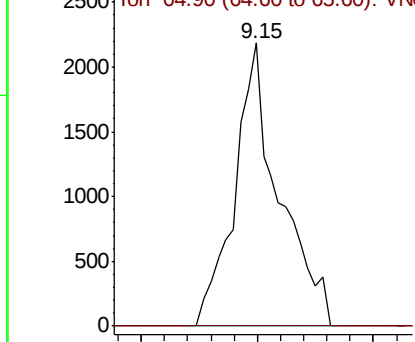
#45
 1,2-Dichloropropane
 Concen: 1.030 ug/l
 RT: 9.15 min Scan# 2294
 Delta R.T. 0.06 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

Tot Ion: 63 Resp: 2900
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#

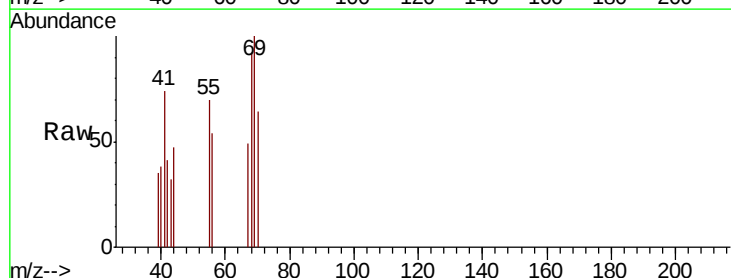


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

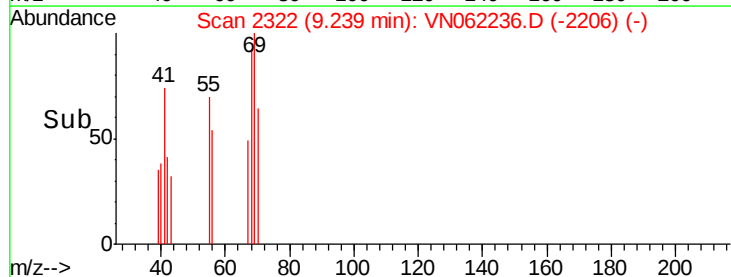
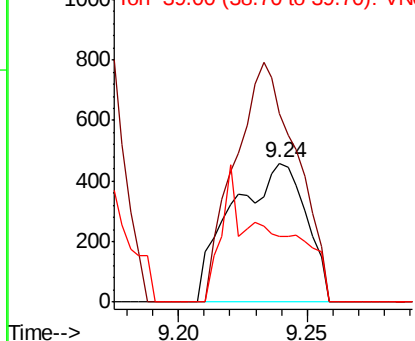


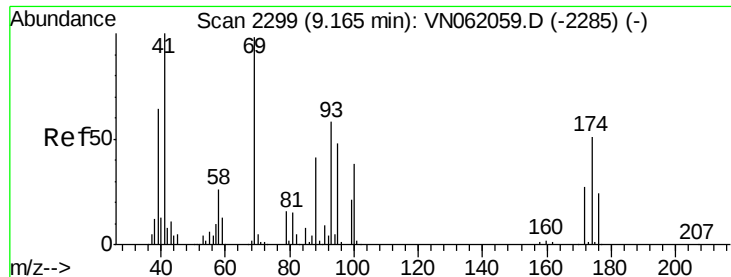
#48
 Methyl methacrylate
 Concen: 0.404 ug/l
 RT: 9.24 min Scan# 2322
 Delta R.T. 0.07 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion: 41 Resp: 916
 Ion Ratio Lower Upper
 41 100
 69 145.0 80.7 121.1#
 39 27.1 54.5 81.7#



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

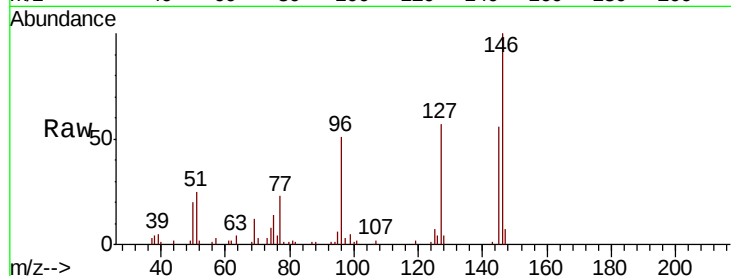




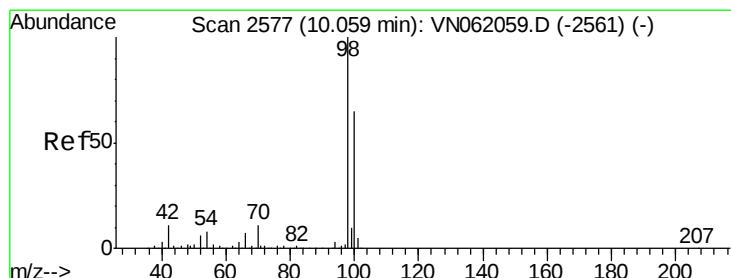
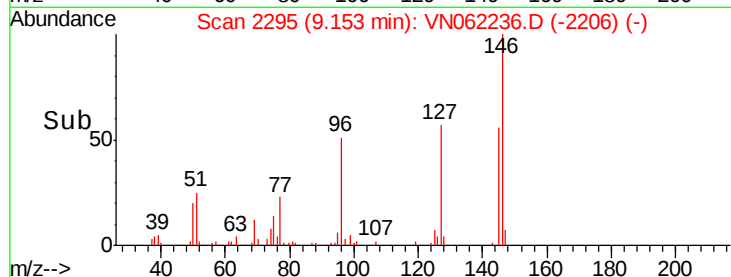
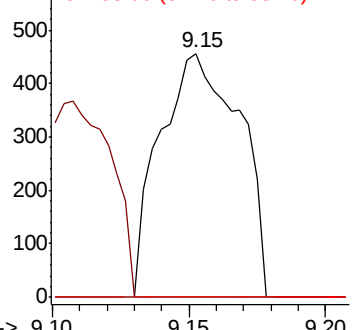
#49
1,4-Dioxane
Concen: 18.418 ug/l
RT: 9.15 min Scan# 2295
Delta R.T. -0.01 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion: 88 Resp: 926
Ion Ratio Lower Upper
88 100
43 0.0 22.0 33.0#
58 0.0 49.2 73.8#

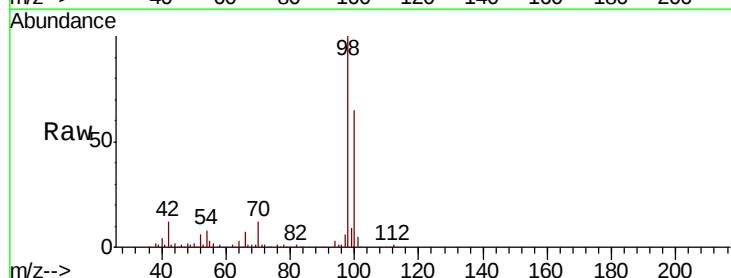


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

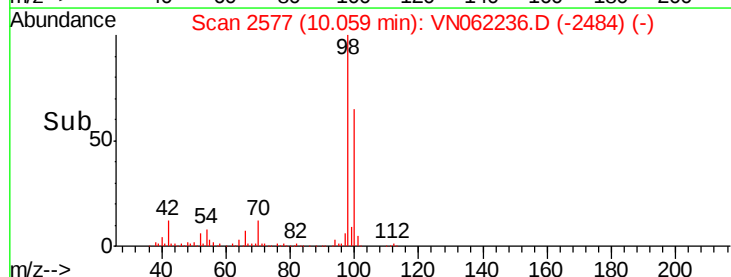
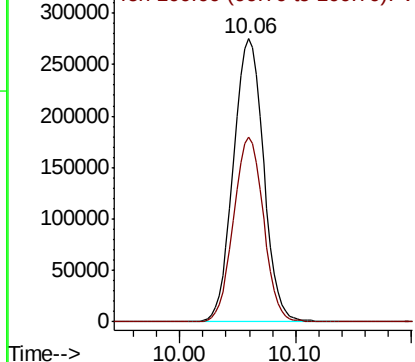


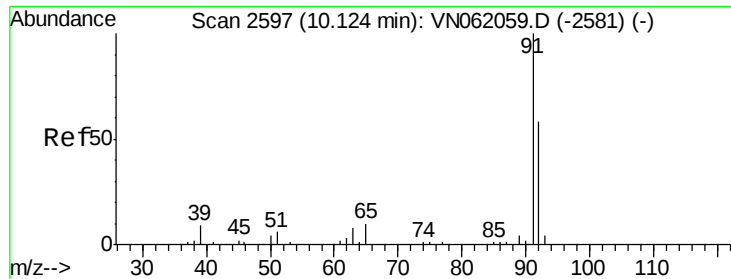
#50
Toluene-d8
Concen: 52.171 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion: 98 Resp: 498593
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



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





#52

Toluene

Concen: 59.437 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

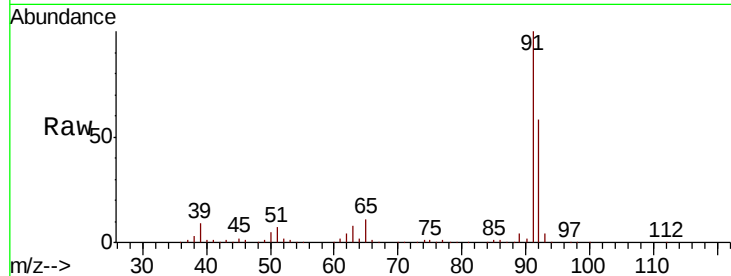
EPEC-POLYMERS-05

Tot Ion: 92 Resp: 414050

Ion Ratio Lower Upper

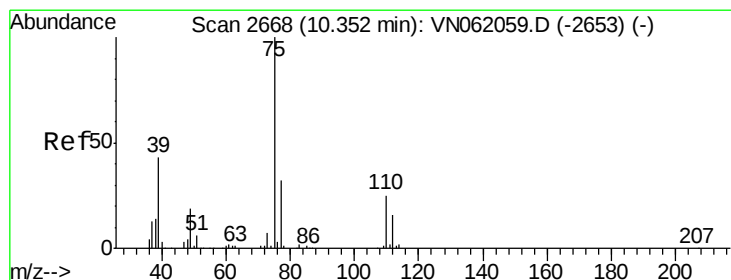
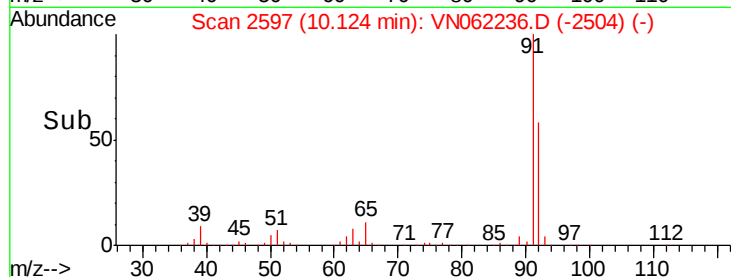
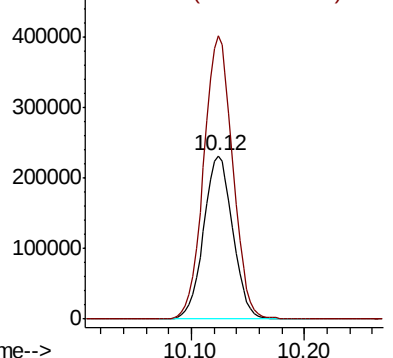
92 100

91 173.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 1.127 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.23 min

Lab File: VN062236.D

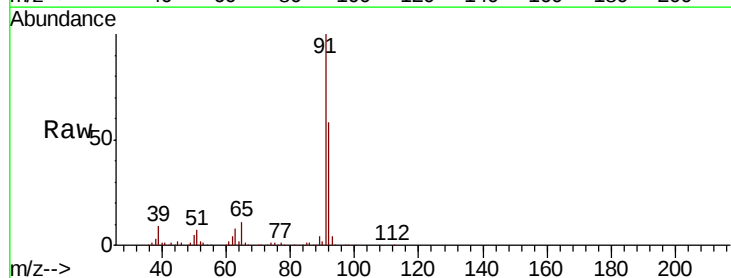
Acq: 30 Jun 2020 13:49

Tgt Ion: 75 Resp: 4779

Ion Ratio Lower Upper

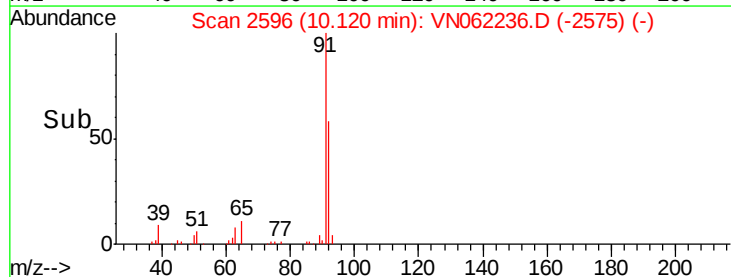
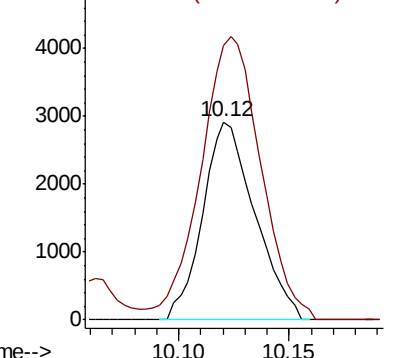
75 100

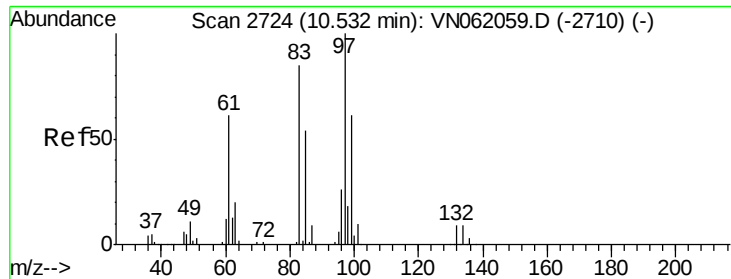
77 133.3 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

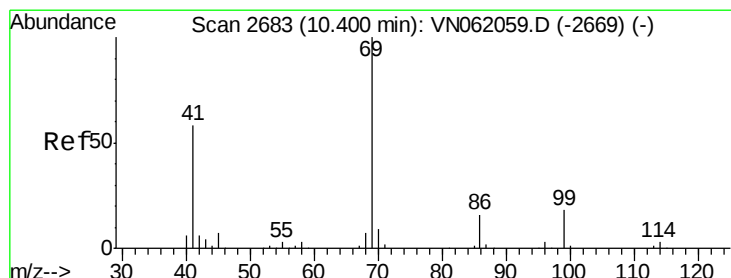
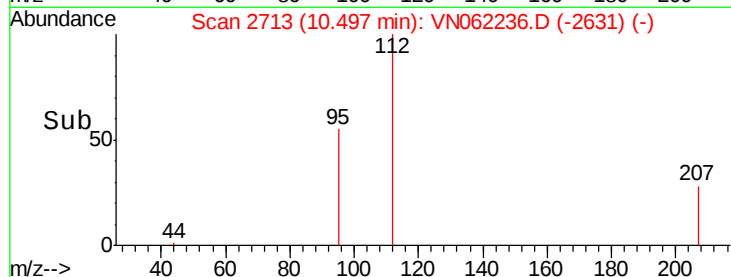
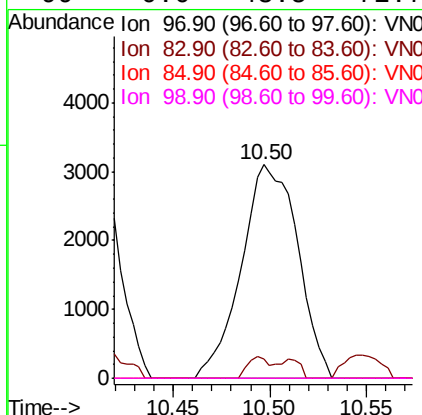
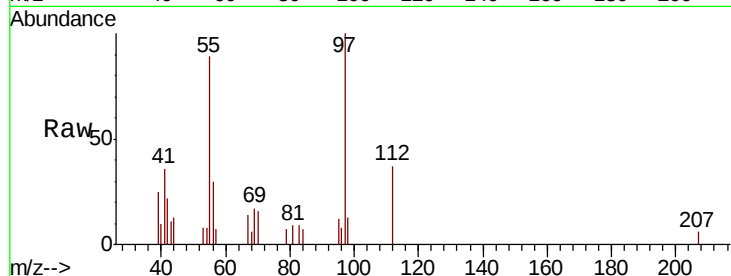




#55
 1,1,2-Trichloroethane
 Concen: 2.302 ug/l
 RT: 10.50 min Scan# 2713
 Delta R.T. -0.04 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

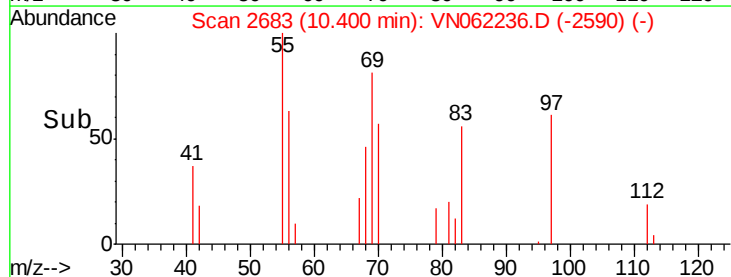
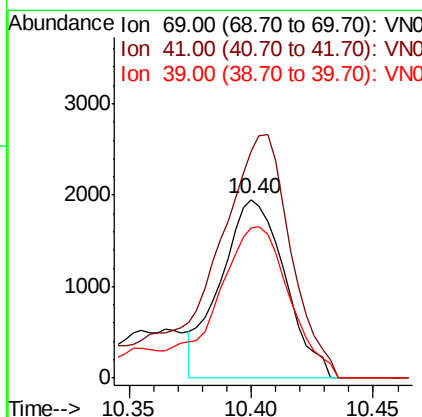
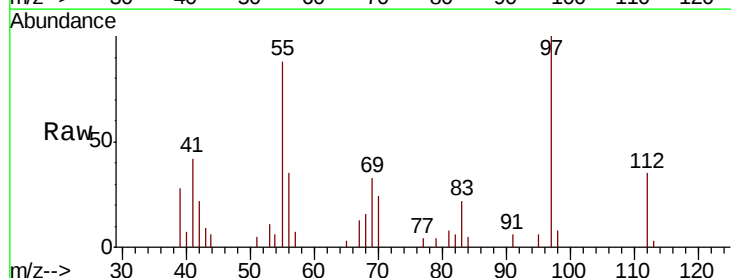
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

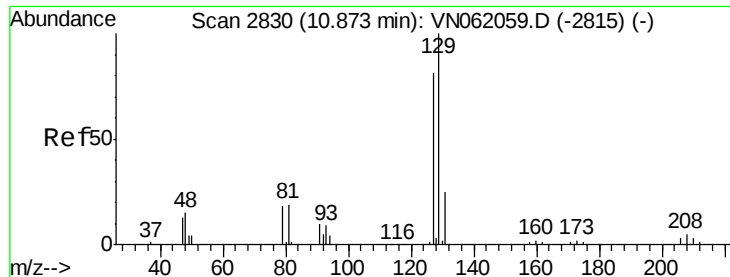
Tot Ion: 97 Resp: 6303
 Ion Ratio Lower Upper
 97 100
 83 8.8 68.2 102.2#
 85 0.0 43.2 64.8#
 99 0.0 48.5 72.7#



#56
 Ethyl methacrylate
 Concen: 0.974 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion: 69 Resp: 3560
 Ion Ratio Lower Upper
 69 100
 41 163.1 46.6 70.0#
 39 96.0 31.0 46.4#

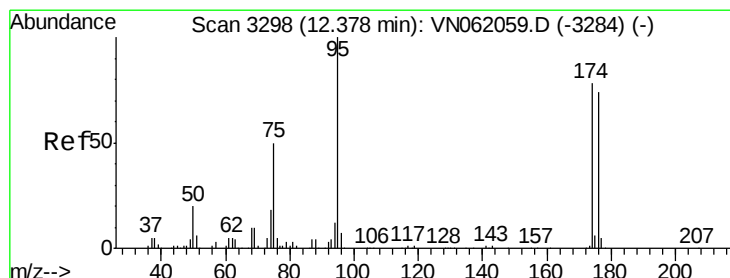
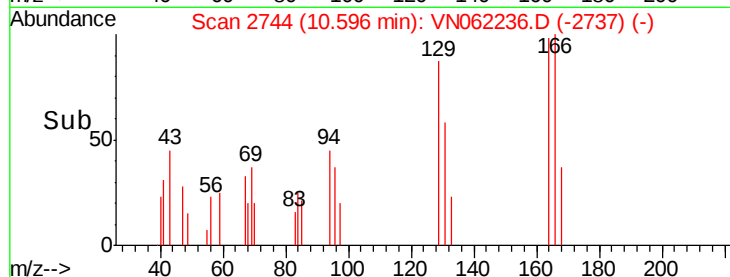
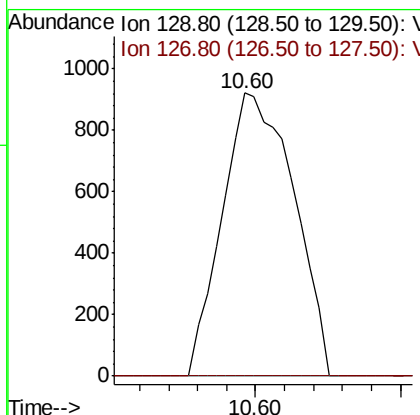
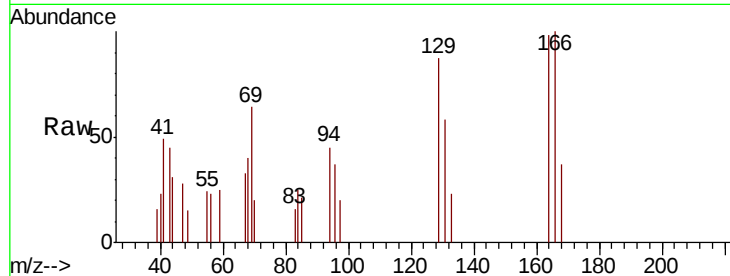




#60
 Dibromochloromethane
 Concen: 0.545 ug/l
 RT: 10.60 min Scan# 2744
 Delta R.T. -0.28 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

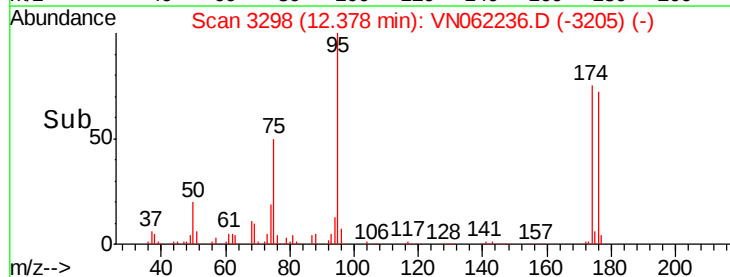
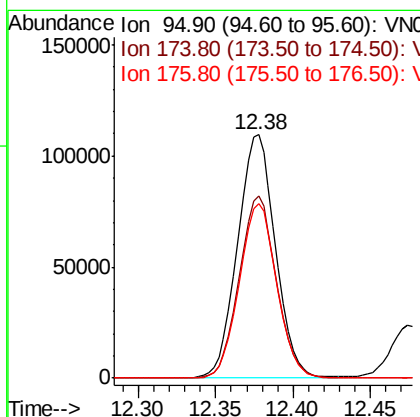
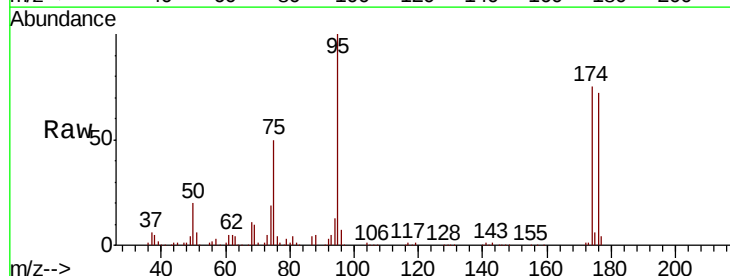
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

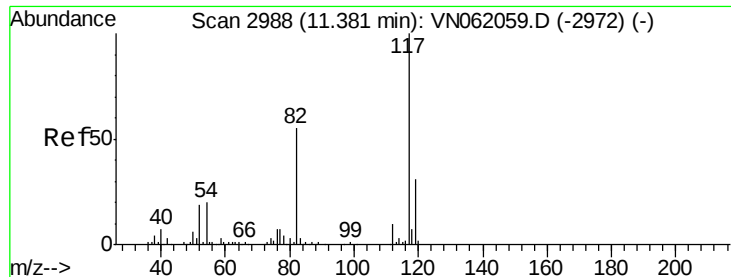
Tot Ion:129 Resp: 1579
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.5 118.5#



#62
 4-Bromofluorobenzene
 Concen: 57.352 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion: 95 Resp: 185182
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 154.8
 176 71.4 0.0 147.4

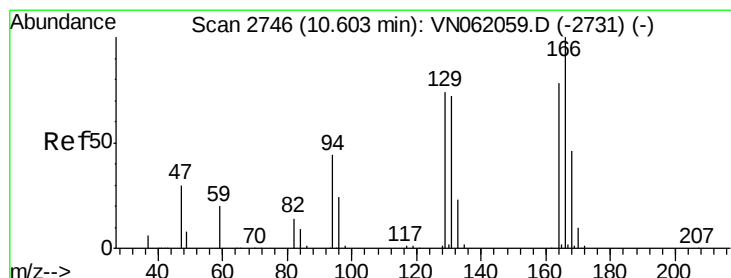
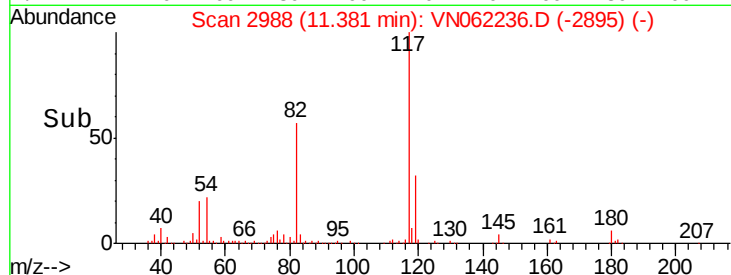
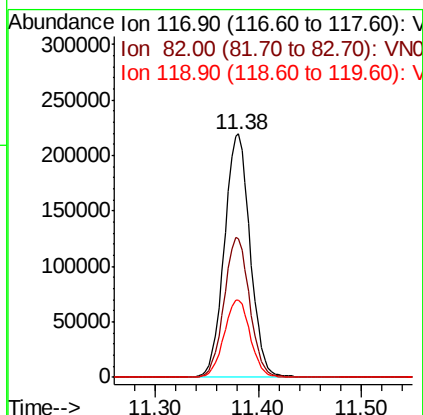
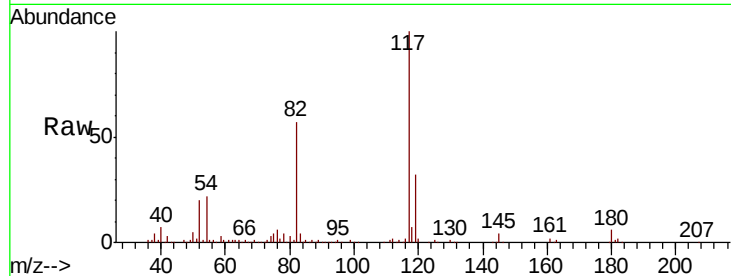




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

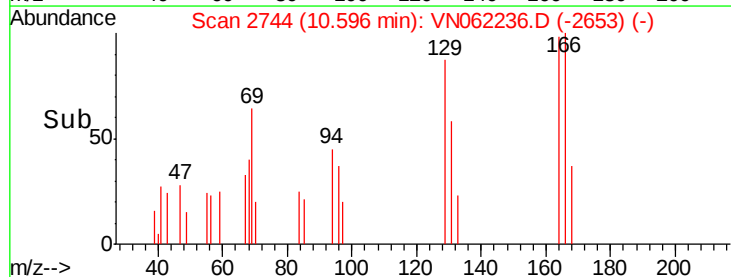
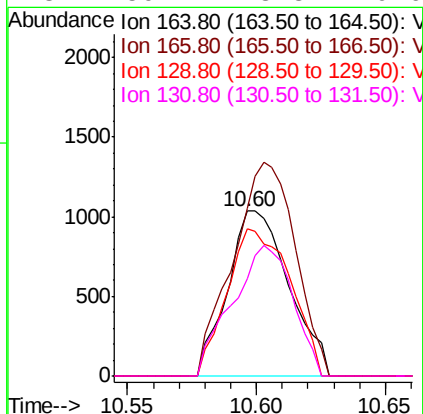
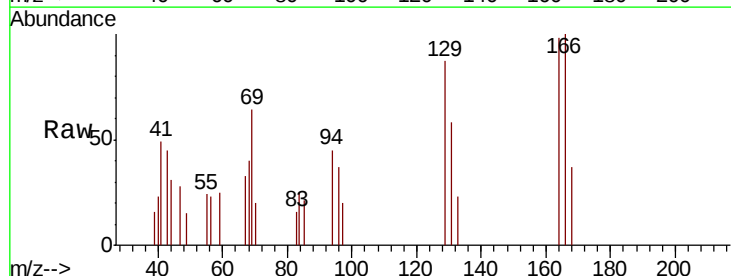
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

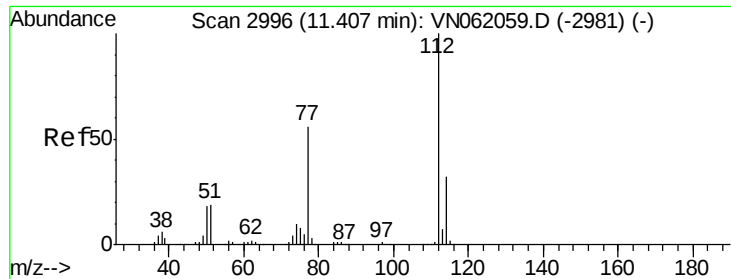
Tot Ion:117 Resp: 381654
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 0.659 ug/l
RT: 10.60 min Scan# 2744
Delta R.T. -0.01 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion:164 Resp: 1717
Ion Ratio Lower Upper
164 100
166 101.8 102.9 154.3#
129 89.1 75.8 113.8
131 59.4 73.8 110.6#

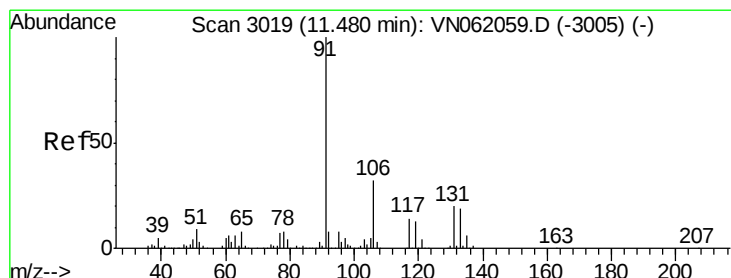
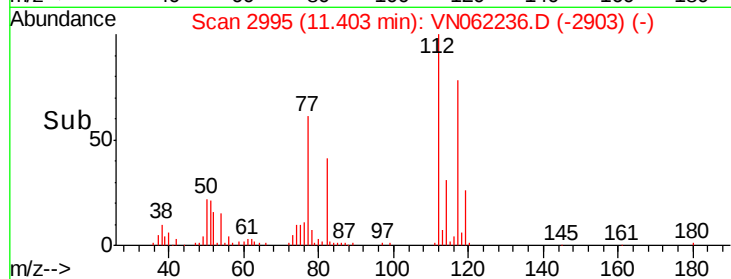
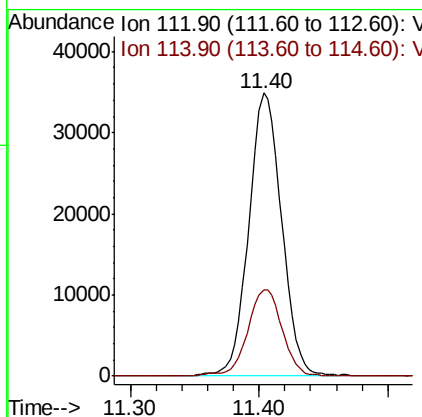
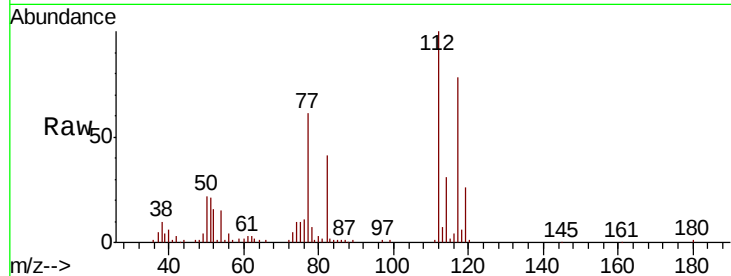




#65
Chlorobenzene
Concen: 7.412 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

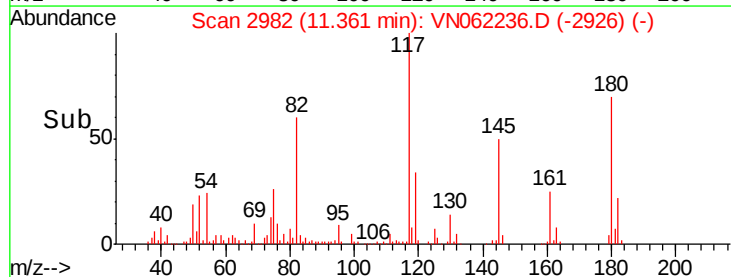
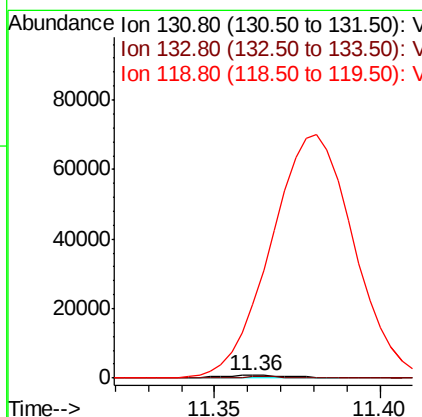
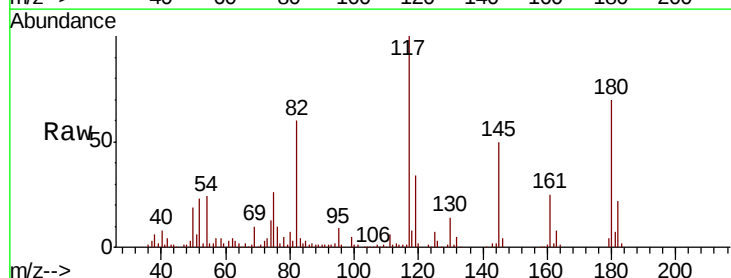
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

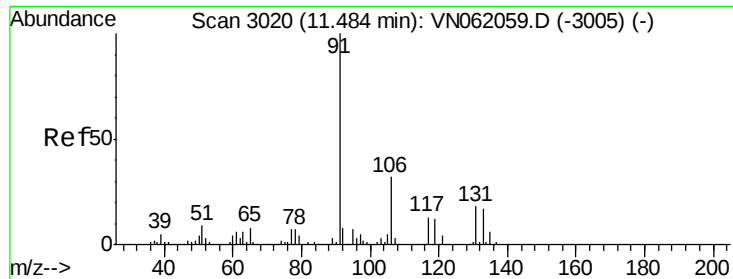
Tot Ion:112 Resp: 62122
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.405 ug/l
RT: 11.36 min Scan# 2982
Delta R.T. -0.12 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion:131 Resp: 1175
Ion Ratio Lower Upper
131 100
133 32.5 47.6 142.9#
119 10495.2 34.4 103.3#

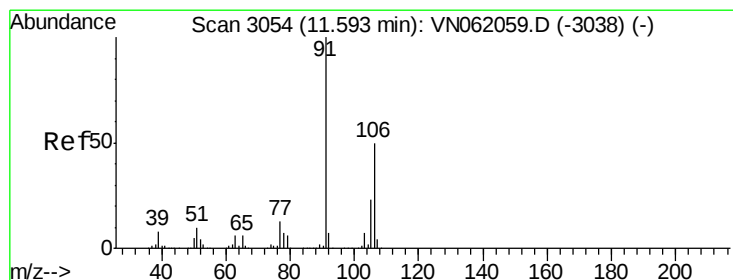
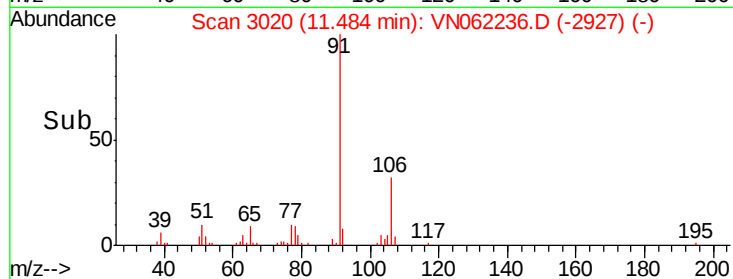
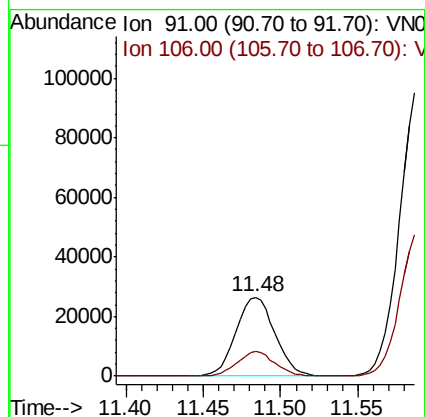
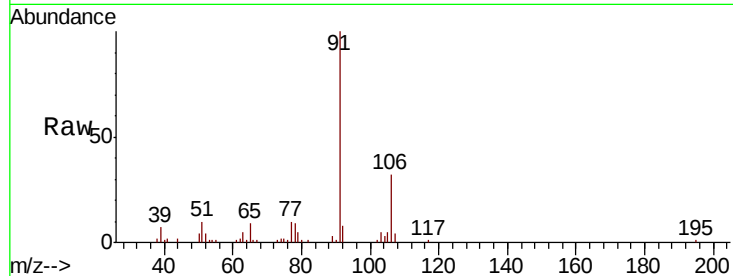




#67
Ethyl Benzene
Concen: 3.274 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

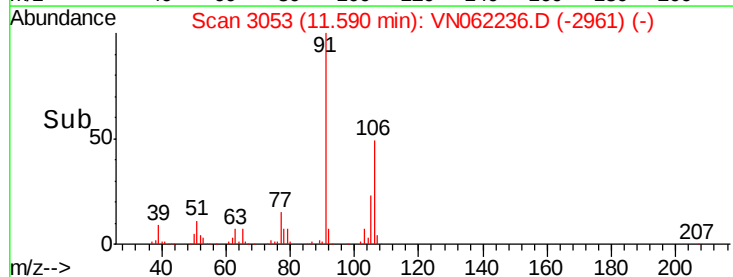
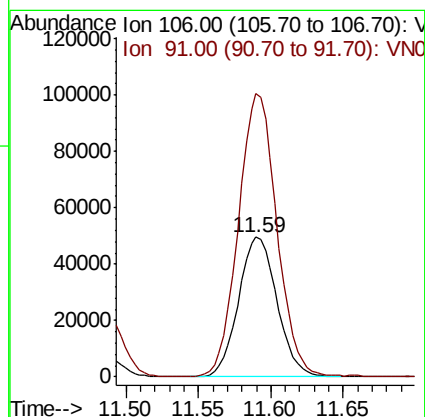
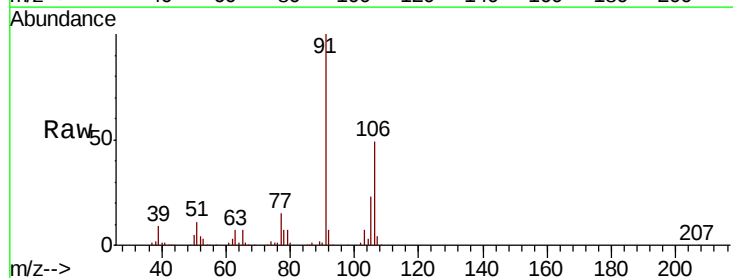
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

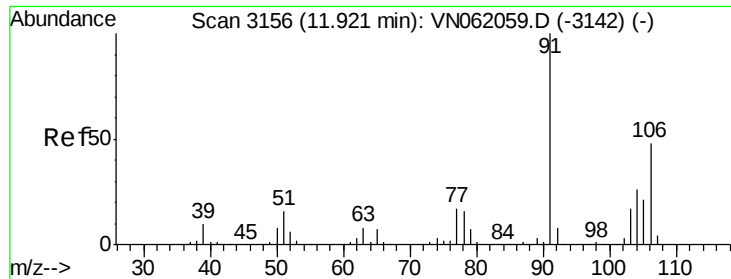
Tot Ion: 91 Resp: 46341
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 16.743 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion: 106 Resp: 91666
Ion Ratio Lower Upper
106 100
91 202.2 157.8 236.8

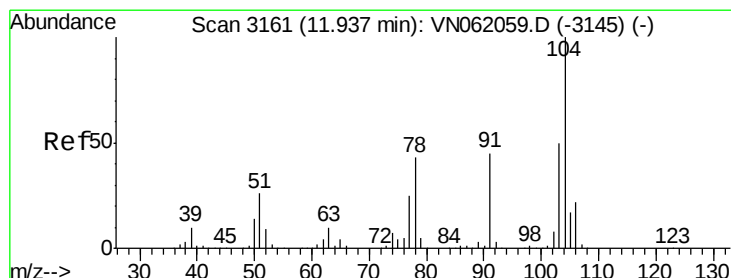
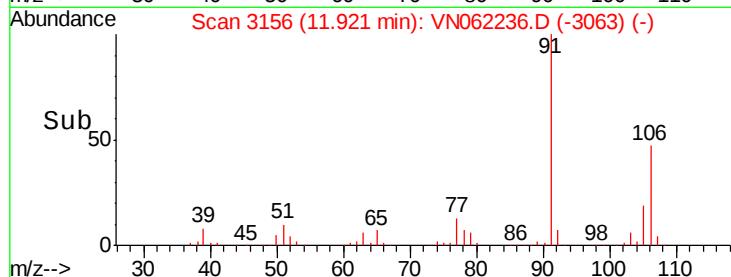
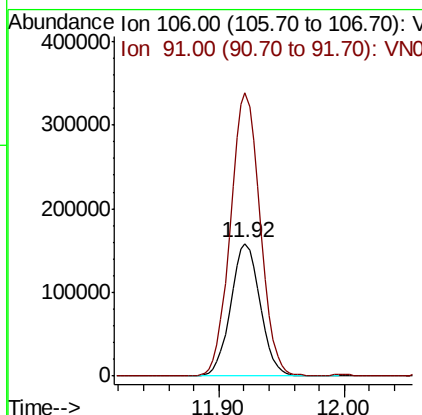
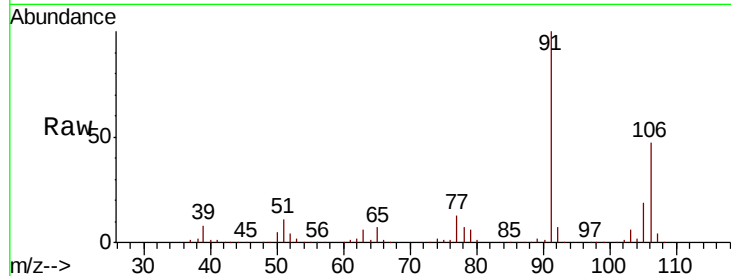




#69
o-Xylene
Concen: 49.853 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

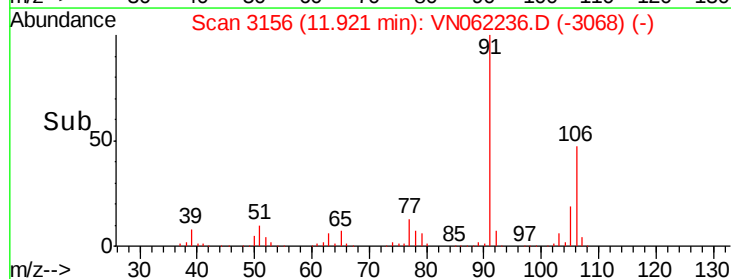
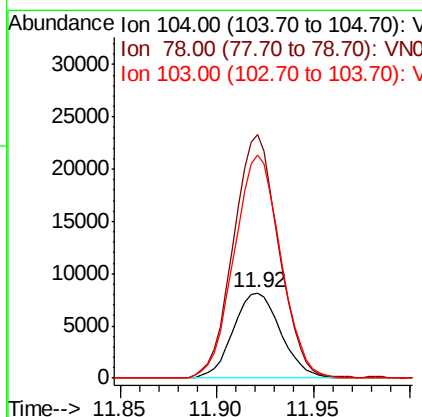
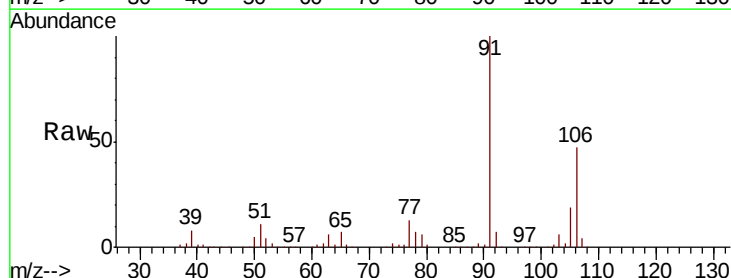
Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

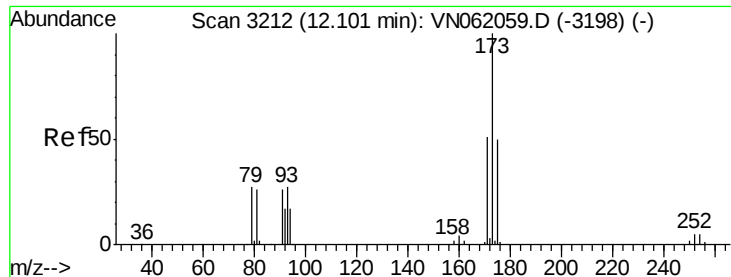
Tot Ion:106 Resp: 257517
Ion Ratio Lower Upper
106 100
91 215.8 104.0 311.9



#70
Styrene
Concen: 1.616 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion:104 Resp: 13923
Ion Ratio Lower Upper
104 100
78 272.5 37.7 56.5#
103 255.9 43.0 64.6#





#71

Bromoform

Concen: 0.856 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

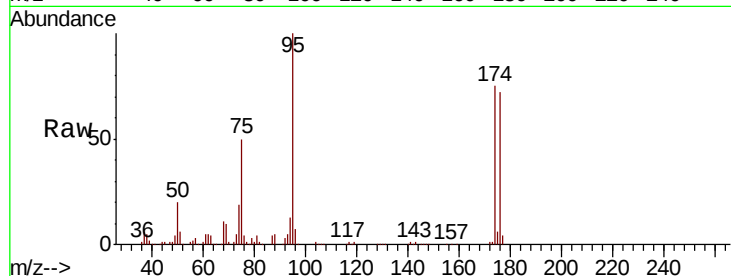
Tot Ion:173 Resp: 1763

Ion Ratio Lower Upper

173 100

175 505.7 24.7 74.1#

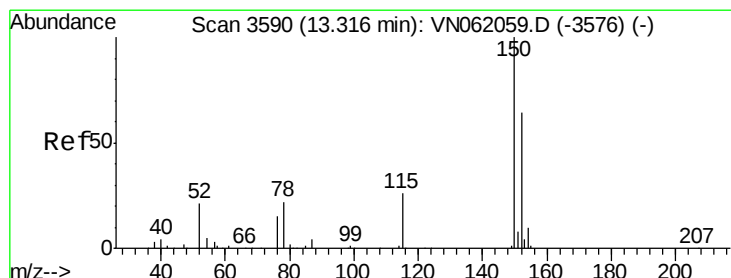
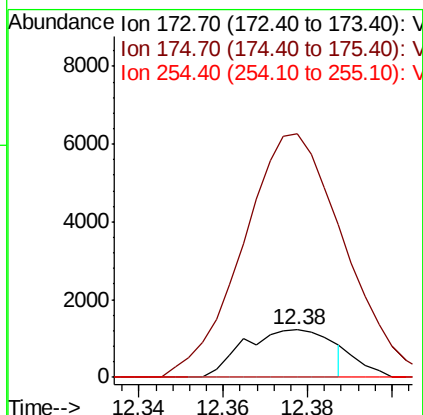
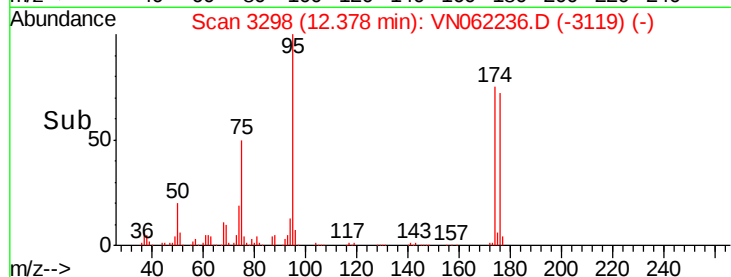
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

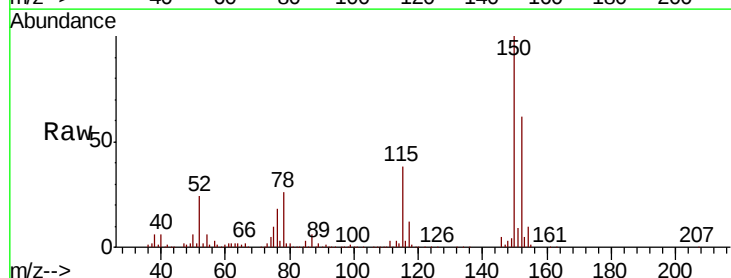
Tgt Ion:152 Resp: 190573

Ion Ratio Lower Upper

152 100

115 60.1 29.5 88.5

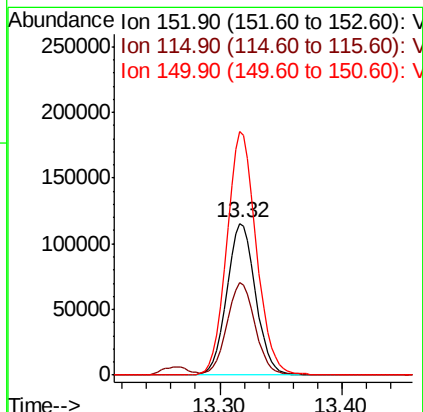
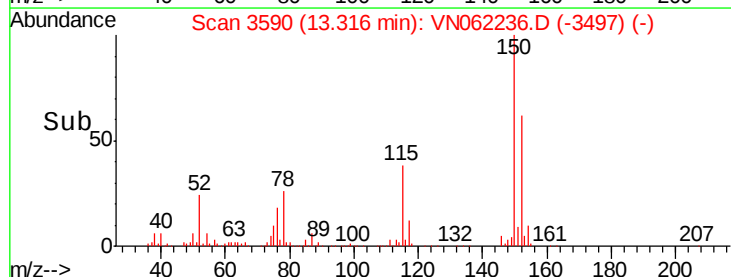
150 164.5 0.0 351.4

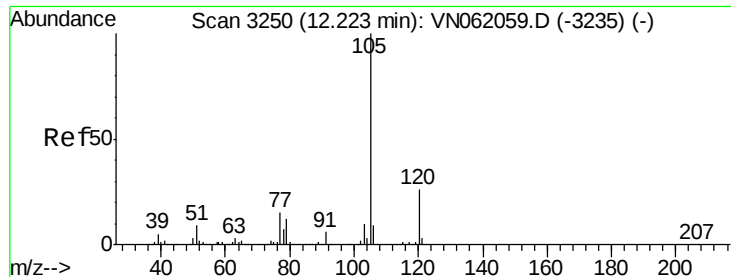


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.591 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

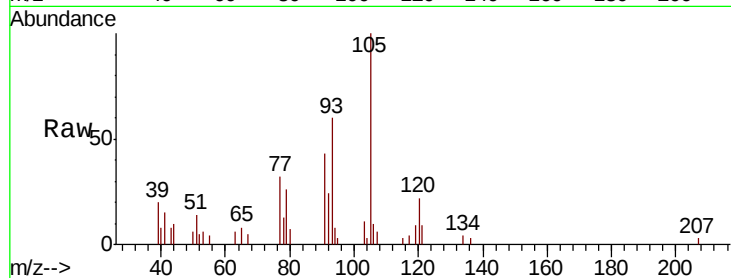
EPEC-POLYMERS-05

Tot Ion: 105 Resp: 8724

Ion Ratio Lower Upper

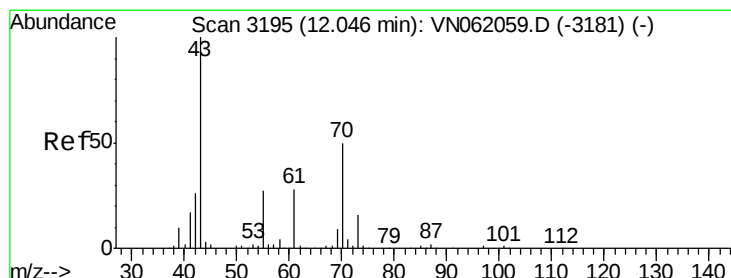
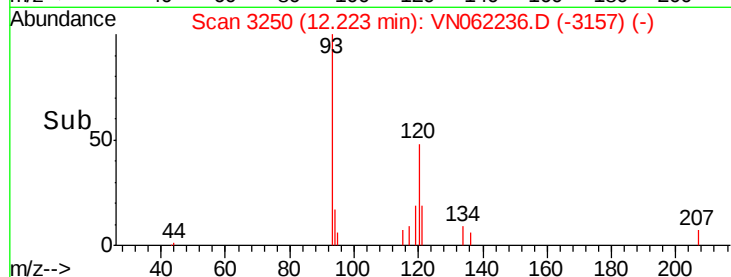
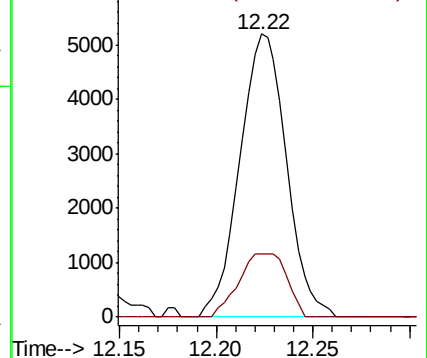
105 100

120 22.9 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-ethyl acetate

Concen: 3.363 ug/l

RT: 12.06 min Scan# 3198

Delta R.T. 0.01 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Tgt Ion: 43 Resp: 114

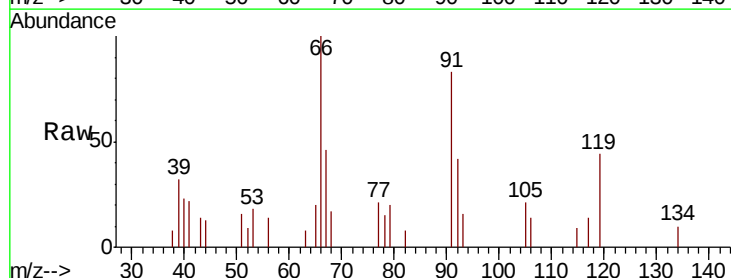
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 175.4 21.7 32.5#

61 0.0 21.3 31.9#

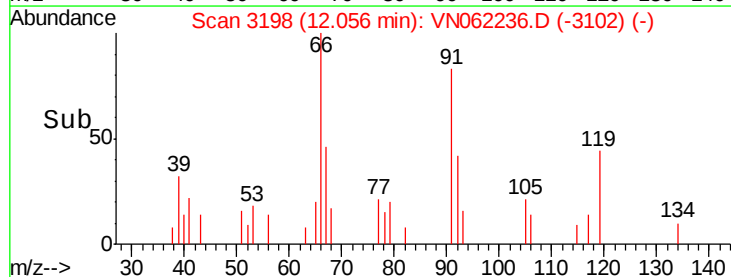
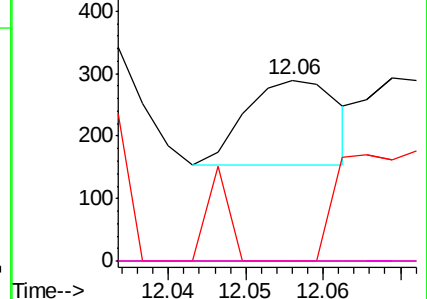


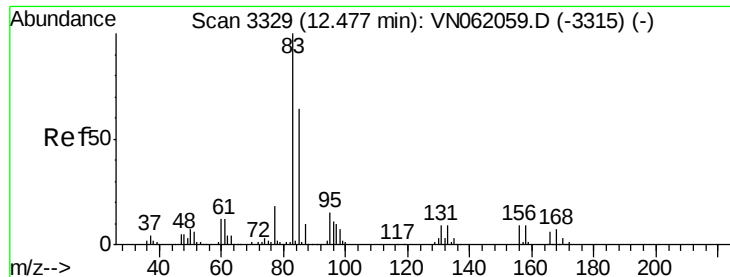
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.246 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

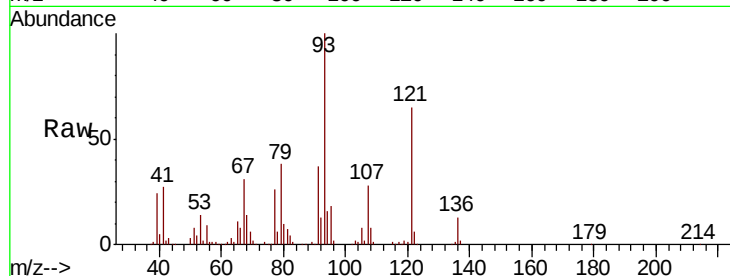
Tot Ion: 83 Resp: 1209

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 0.0 32.4 97.0#

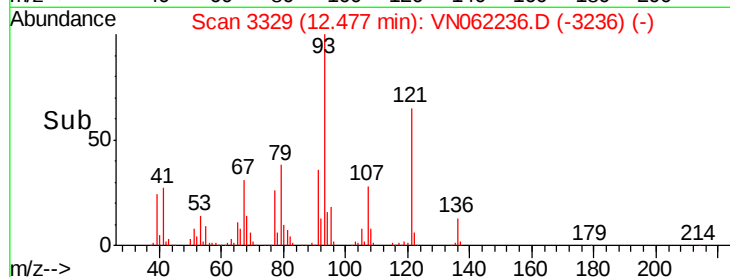


Abundance Ion 82.90 (82.60 to 83.60): VN062236.D (-3236) (-)

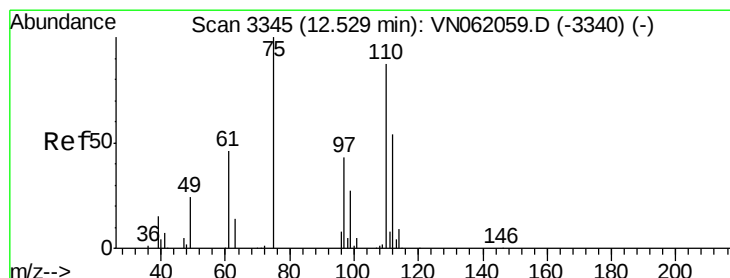
Ion 130.80 (130.50 to 131.50): VN062236.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062236.D (-3236) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 217.685 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.12 min

Lab File: VN062236.D

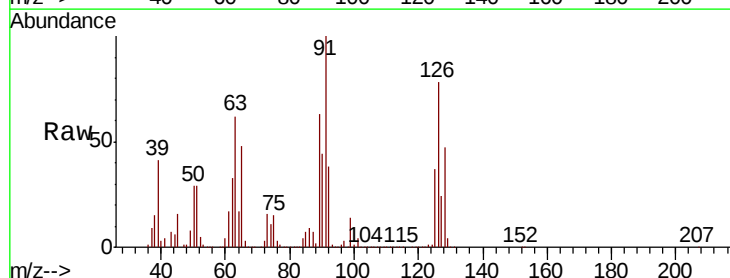
Acq: 30 Jun 2020 13:49

Tgt Ion: 75 Resp: 976587

Ion Ratio Lower Upper

75 100

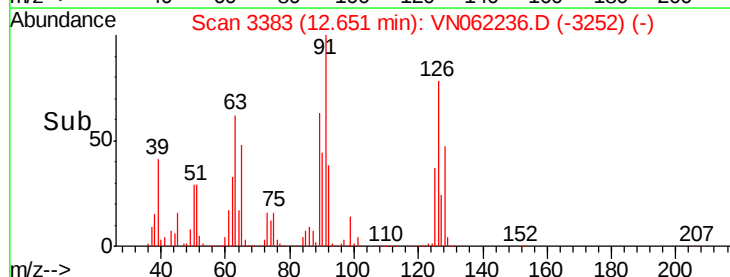
77 9.0 0.0 0.0#



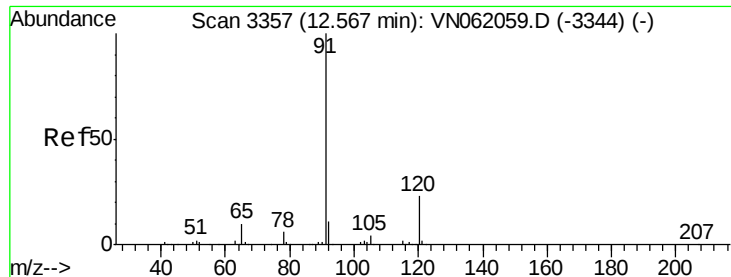
Abundance Ion 74.90 (74.60 to 75.60): VN062236.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062236.D (-3252) (-)

Time-->



Time-->



#78

n-propylbenzene

Concen: 620.199 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.08 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

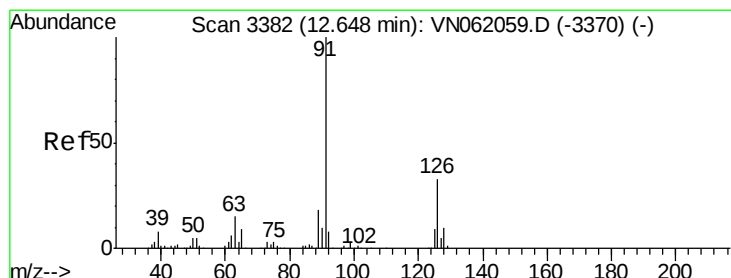
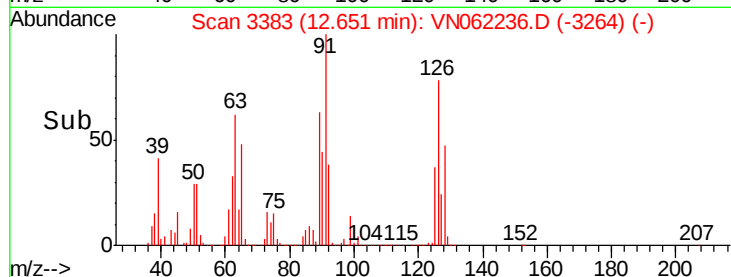
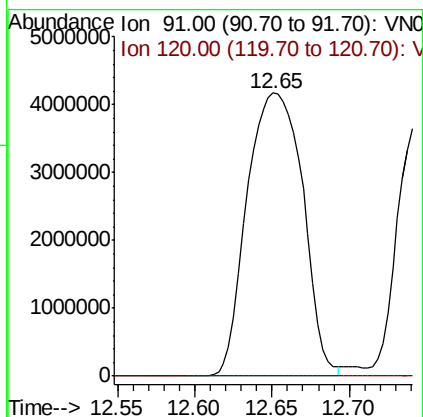
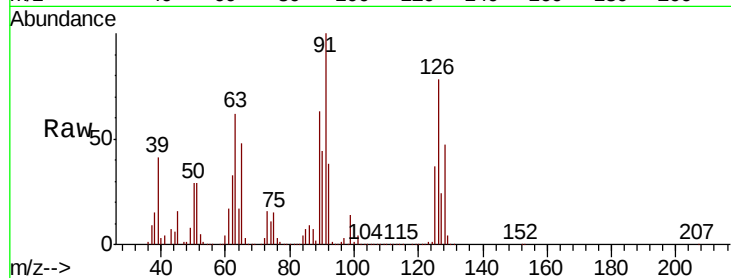
EPEC-POLYMERS-05

Tot Ion: 91 Resp:10465242

Ion Ratio Lower Upper

91 100

120 0.0 11.4 34.1#



#79

2-Chlorotoluene

Concen: 1025.894 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062236.D

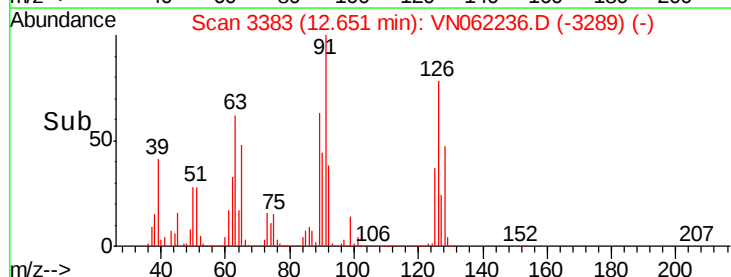
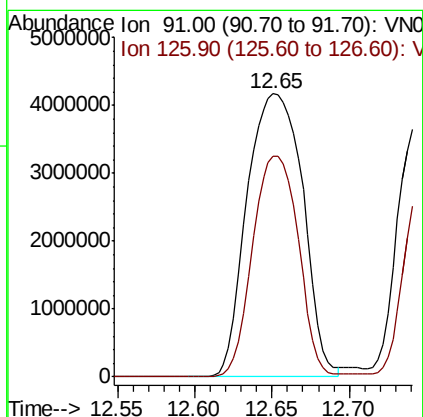
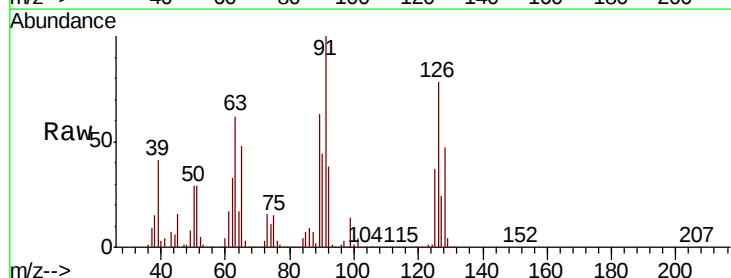
Acq: 30 Jun 2020 13:49

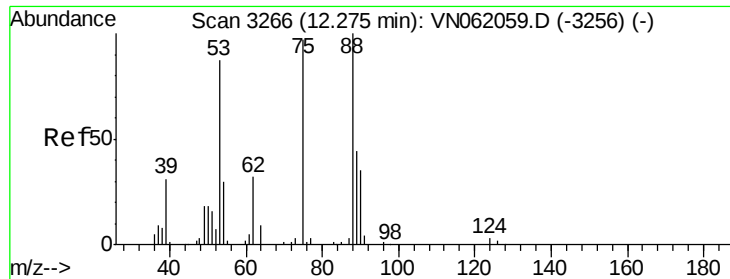
Tgt Ion: 91 Resp:10465242

Ion Ratio Lower Upper

91 100

126 64.2 16.9 50.7#

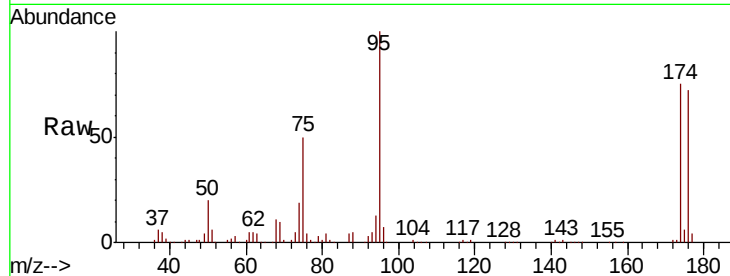




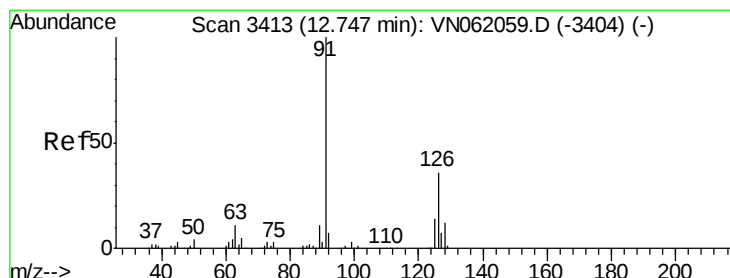
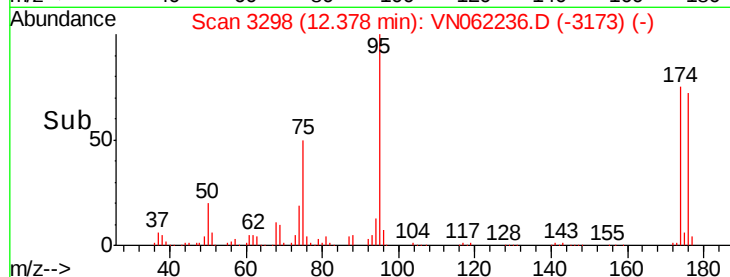
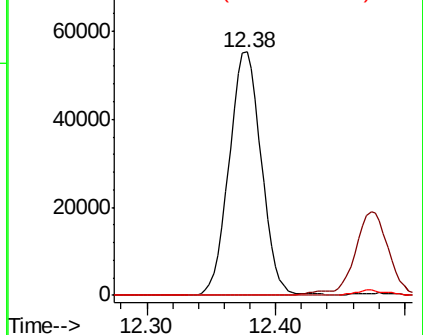
#81
trans-1,4-Dichloro-2-butene
Concen: 62.387 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion: 75 Resp: 95838
Ion Ratio Lower Upper
75 100
53 0.0 72.0 108.0#
89 0.0 36.9 55.3#

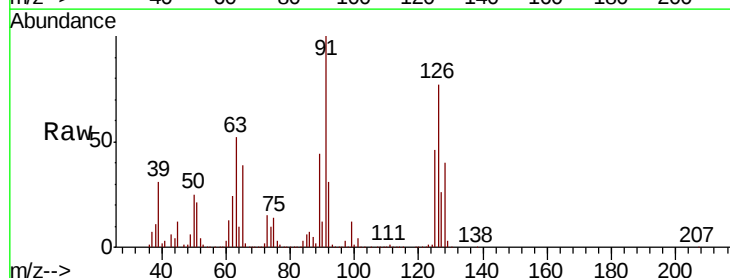


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

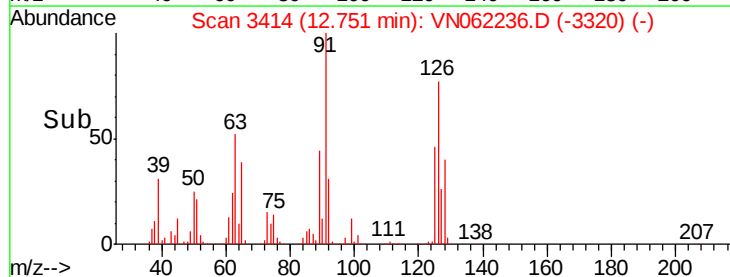
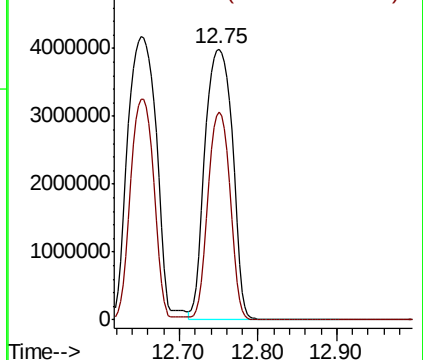


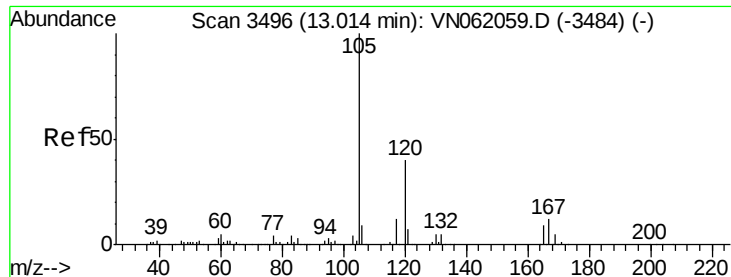
#82
4-Chlorotoluene
Concen: 916.008 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion: 91 Resp: 9662949
Ion Ratio Lower Upper
91 100
126 61.8 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

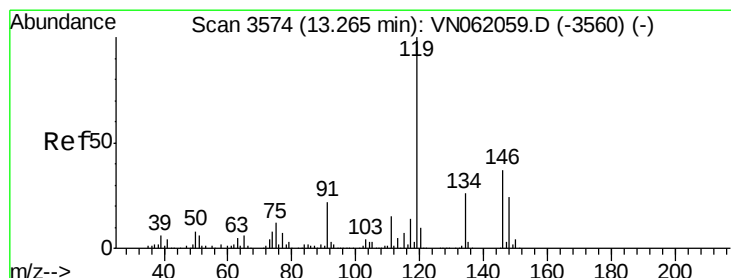
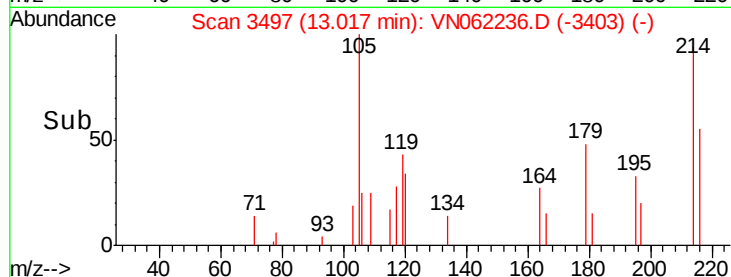
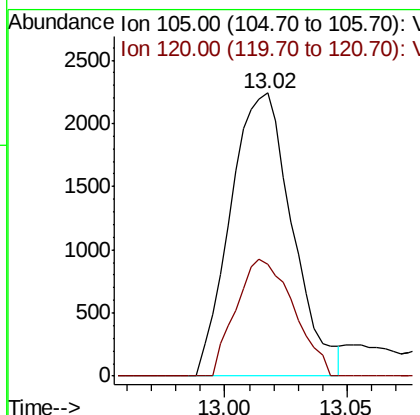
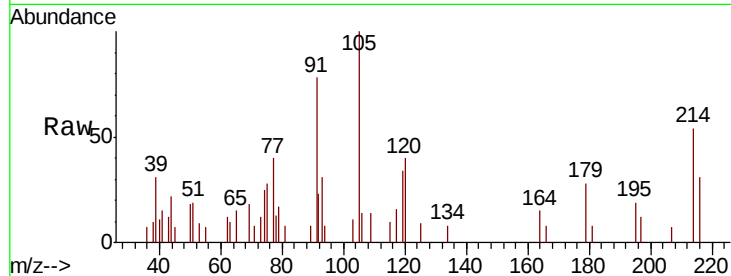




#84
 1,2,4-Trimethylbenzene
 Concen: 0.330 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

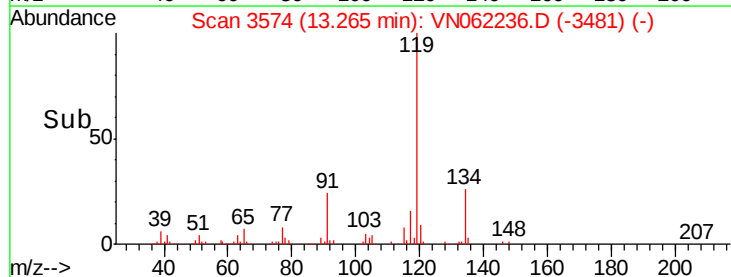
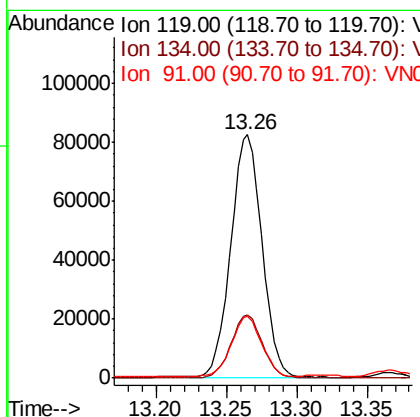
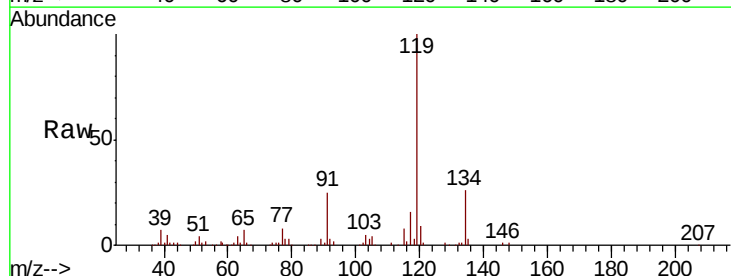
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

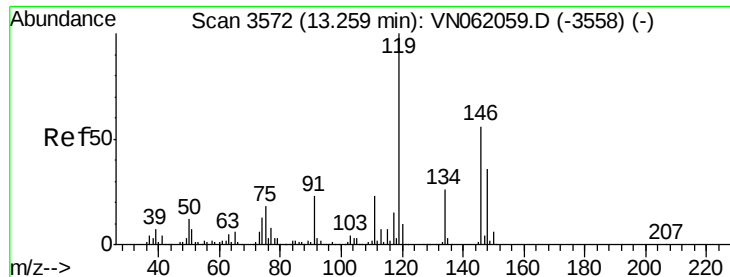
Tot Ion:105 Resp: 3938
 Ion Ratio Lower Upper
 105 100
 120 38.6 23.2 69.5



#86
 p-Isopropyltoluene
 Concen: 10.731 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion:119 Resp: 127137
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 24.7 11.3 33.8

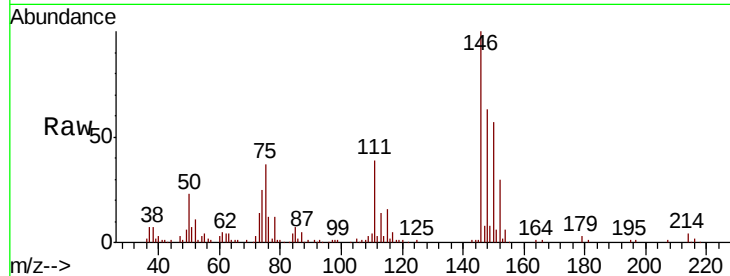




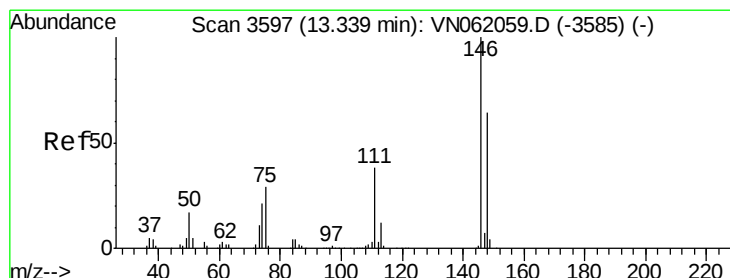
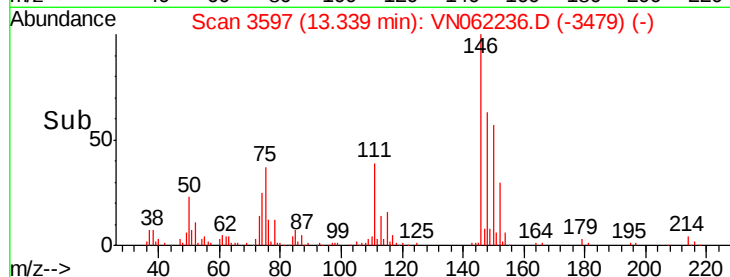
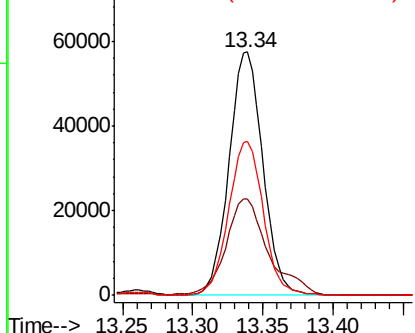
#87
 1,3-Dichlorobenzene
 Concen: 14.992 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.08 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

Tot Ion:146 Resp: 96414
 Ion Ratio Lower Upper
 146 100
 111 49.9 20.3 61.0
 148 65.1 31.8 95.3

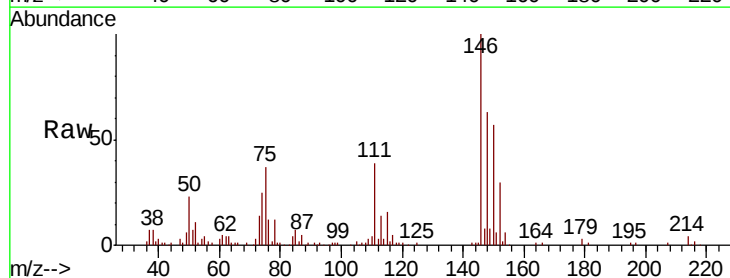


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

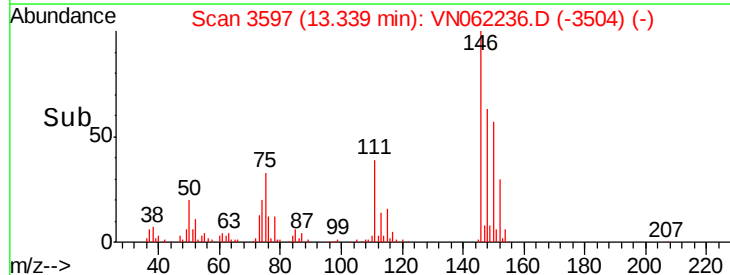
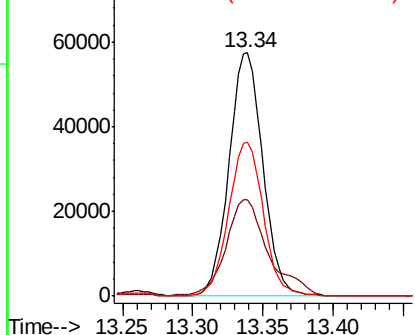


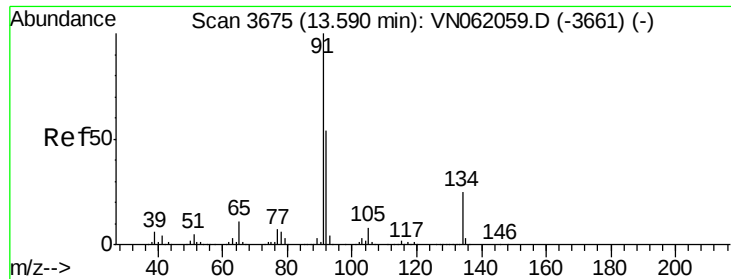
#88
 1,4-Dichlorobenzene
 Concen: 14.544 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion:146 Resp: 96414
 Ion Ratio Lower Upper
 146 100
 111 49.9 19.9 59.6
 148 65.1 31.9 95.9



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





#89

n-Butylbenzene

Concen: 1.410 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

EPEC-POLYMERS-05

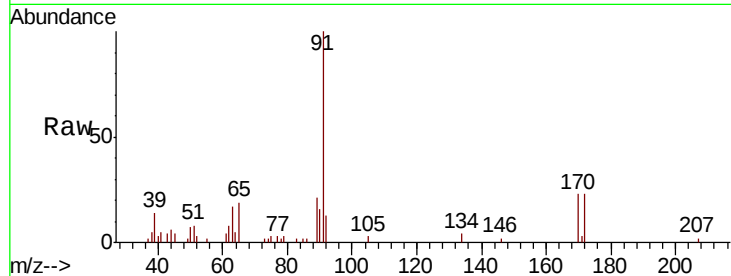
Tot Ion: 91 Resp: 13892

Ion Ratio Lower Upper

91 100

92 15.4 26.6 79.7#

134 2.7 12.3 36.9#

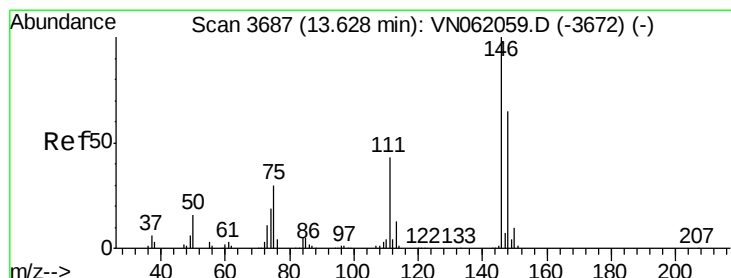
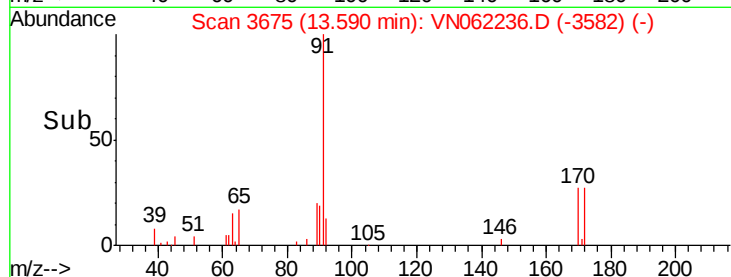


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 13.585 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062236.D

Acq: 30 Jun 2020 13:49

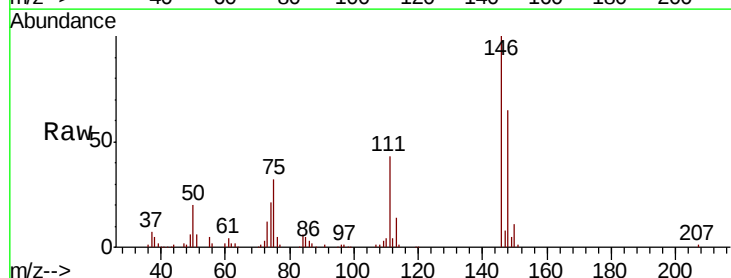
Tgt Ion: 146 Resp: 84719

Ion Ratio Lower Upper

146 100

111 44.7 21.2 63.6

148 65.3 31.9 95.5

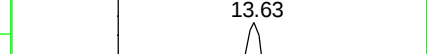
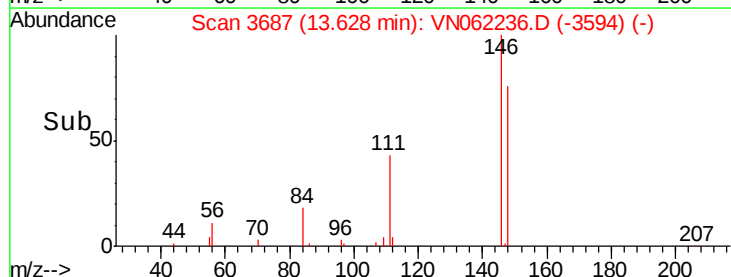


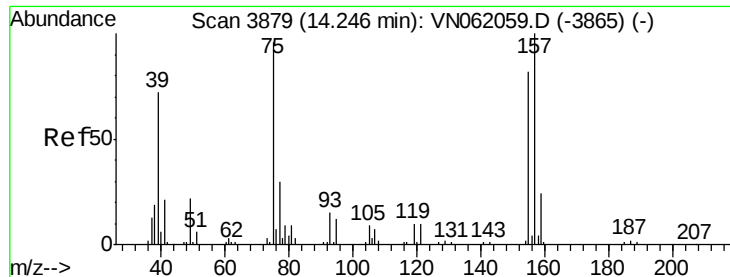
Abundance Ion 145.90 (145.60 to 146.60): VN062059.D (-3672) (-)

Ion 110.90 (110.60 to 111.60): VN062059.D (-3672) (-)

Ion 147.90 (147.60 to 148.60): VN062059.D (-3672) (-)

Time-->

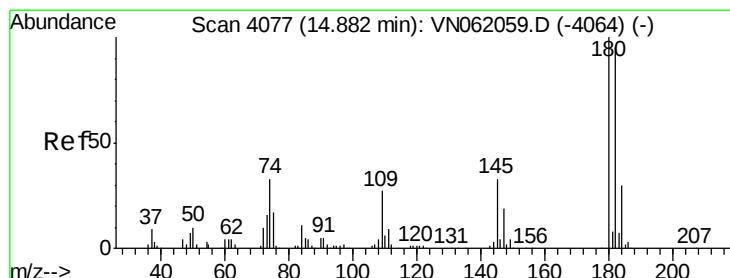
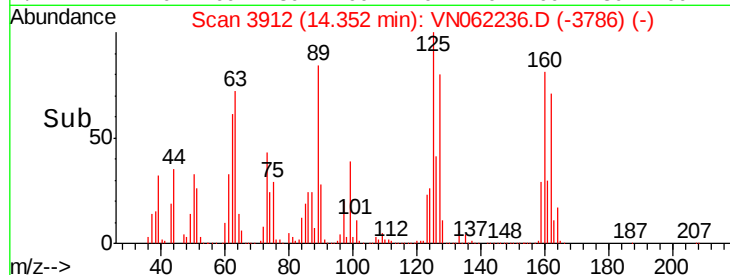
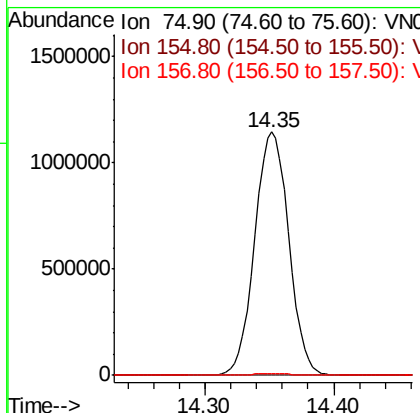
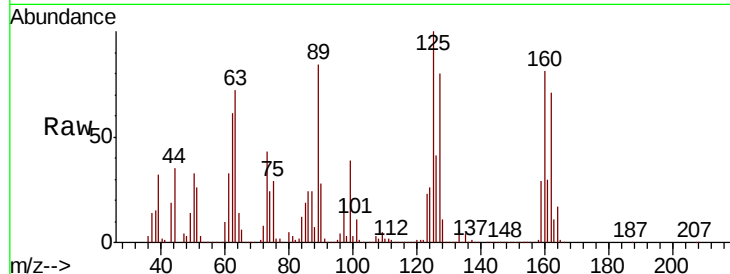




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2682.482 ug/l
 RT: 14.35 min Scan# 3912
 Delta R.T. 0.11 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

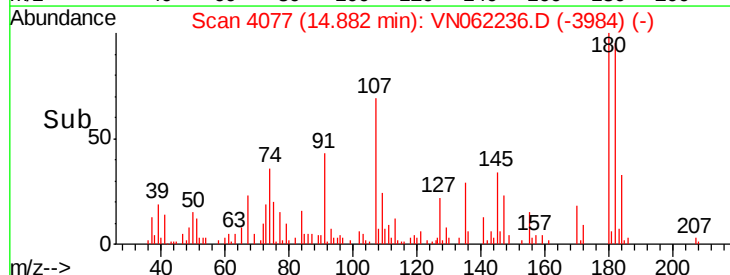
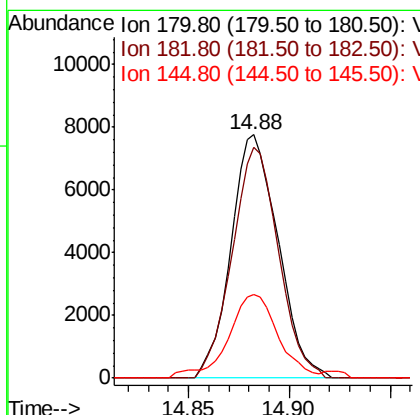
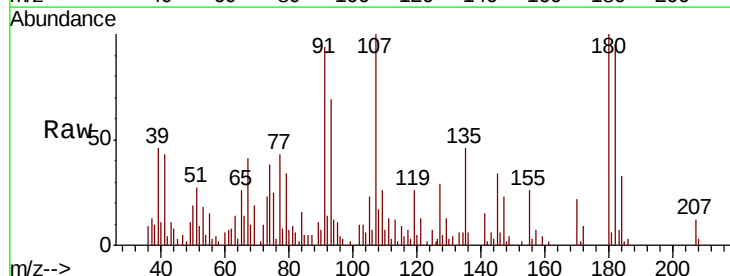
Instrument :
 MSVOA_N
 ClientSampleId :
 EPEC-POLYMERS-05

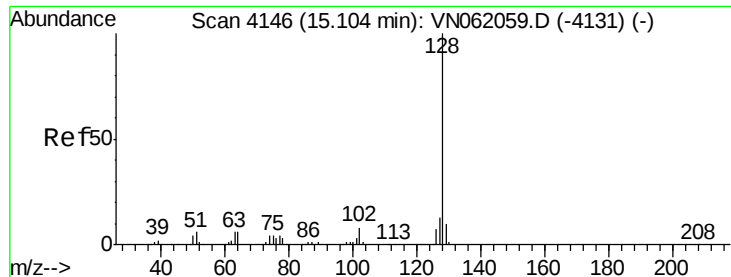
Tot Ion: 75 Resp: 2109521
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.8 122.4#
 157 0.9 51.4 154.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.659 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062236.D
 Acq: 30 Jun 2020 13:49

Tgt Ion:180 Resp: 12693
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.0 144.2
 145 36.1 16.0 48.0

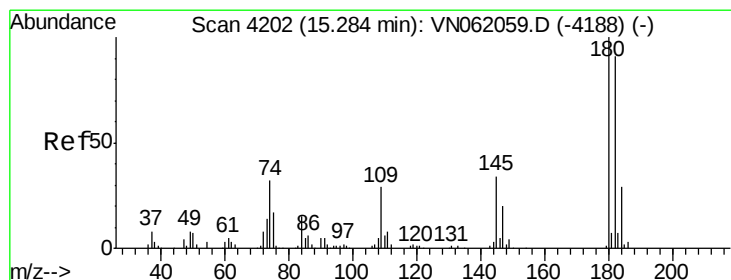
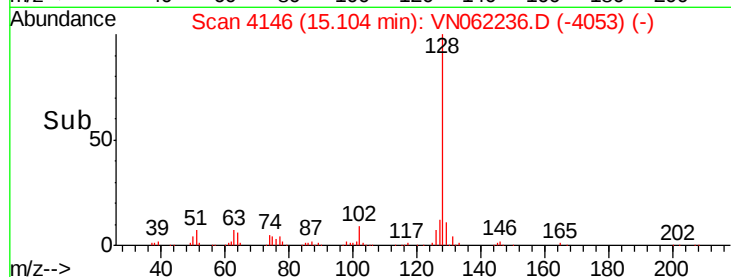
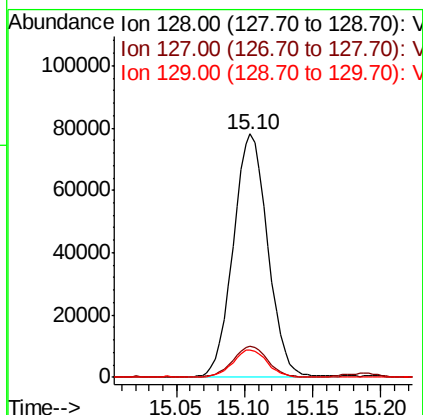
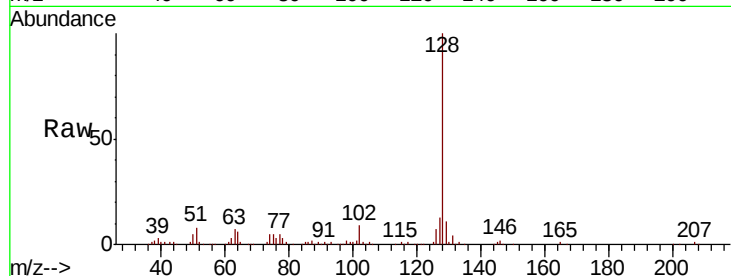




#95
Naphthalene
Concen: 17.793 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion:128 Resp: 136226
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.563 ug/l
RT: 15.28 min Scan# 4201
Delta R.T. -0.00 min
Lab File: VN062236.D
Acq: 30 Jun 2020 13:49

Tgt Ion:180 Resp: 4354
Ion Ratio Lower Upper
180 100
182 87.6 46.8 140.4
145 0.0 16.4 49.2#

